Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 10, 2023
Temperature / Humidity	21 deg. C / 46 % RH
Engineer	Tetsuro Yoshida
	(1 GHz - 10 GHz)
Mode	Tx 11ax-40 5670 MHz (484-tone RU)

RU Index 65

Polarity [Hori/Vert]	Frequency [MHz]	Reading (QP / PK) [dBuV]	Reading (AV) [dBuV]	Ant. Factor [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result (QP / PK) [dBuV/m]	Result (AV) [dBuV/m]	Limit (QP / PK) [dBuV/m]	Limit (AV) [dBuV/m]	Margin (QP / PK) [dB]	Margin (AV) [dB]	Remark
Hori.	5725.0	52.6	-	32.1	5.8	33.9	-	56.6	-	68.2	-	11.6	-	
Vert.	5725.0	52.7	-	32.1	5.8	33.9	-	56.7	-	68.2	-	11.5	-	

Result (QP / PK) = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

Result (AV)= Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier) + Duty factor

*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

*QP detector was used up to 1GHz.

Distance factor: 1 GHz - 10 GHz 20log (3.7 m / 3.0 m) = 1.83 dB

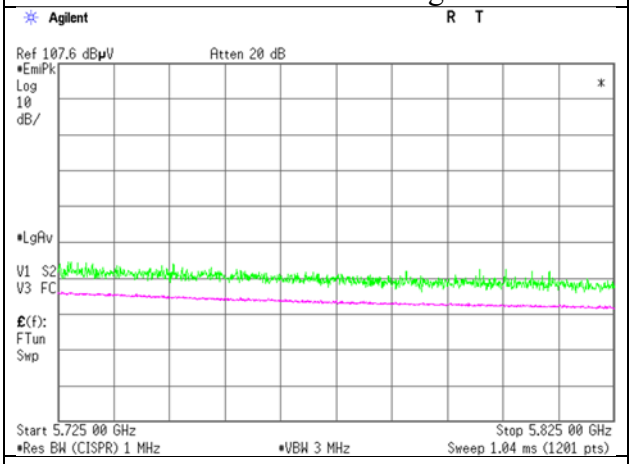
Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 10, 2023
Temperature / Humidity	21 deg. C / 46 % RH
Engineer	Tetsuro Yoshida
	(1 GHz - 10 GHz)
Mode	Tx 11ax-40 5670 MHz (484-tone RU)

RU Index 65

Horizontal

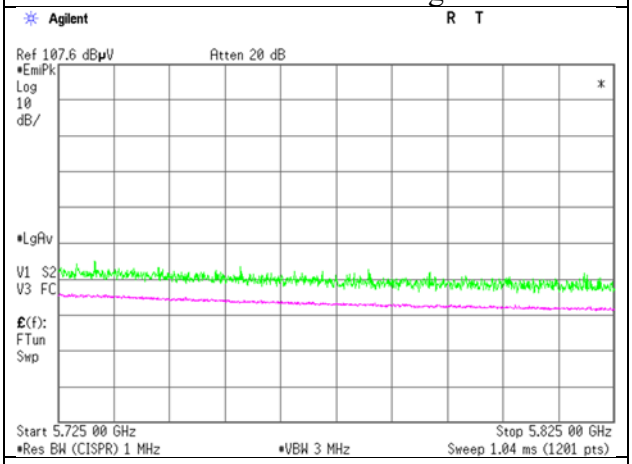
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

Vertical

Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions. Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 10, 2023
Temperature / Humidity	21 deg. C / 46 % RH
Engineer	Tetsuro Yoshida
	(1 GHz - 10 GHz)
Mode	Tx 11ax-40 5755 MHz (26-tone RU)

RU Index 0

Polarity [Hori/Vert]	Frequency [MHz]	Reading (QP / PK) [dBuV]	Reading (AV) [dBuV]	Ant. Factor [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result (QP / PK) [dBuV/m]	Result (AV) [dBuV/m]	Limit (QP / PK) [dBuV/m]	Limit (AV) [dBuV/m]	Margin (QP / PK) [dB]	Margin (AV) [dB]	Remark
Hori.	5650.0	44.0	-	31.9	5.8	33.9	-	47.9	-	68.2	-	20.4	-	
Hori.	5700.0	44.7	-	32.0	5.8	33.9	-	48.6	-	105.2	-	56.6	-	
Hori.	5720.0	45.1	-	32.0	5.8	33.9	-	49.1	-	110.8	-	61.7	-	
Hori.	5725.0	46.0	-	32.1	5.8	33.9	-	49.9	-	122.2	-	72.3	-	
Vert.	5650.0	43.9	-	31.9	5.8	33.9	-	47.7	-	68.2	-	20.5	-	
Vert.	5700.0	43.8	-	32.0	5.8	33.9	-	47.7	-	105.2	-	57.5	-	
Vert.	5720.0	44.9	-	32.0	5.8	33.9	-	48.8	-	110.8	-	62.0	-	
Vert.	5725.0	45.0	-	32.1	5.8	33.9	-	49.0	-	122.2	-	73.3	-	

Result (QP / PK) = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

Result (AV)= Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier) + Duty factor

*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

*QP detector was used up to 1GHz.

Distance factor: 1 GHz - 10 GHz 20log (3.7 m / 3.0 m) = 1.83 dB

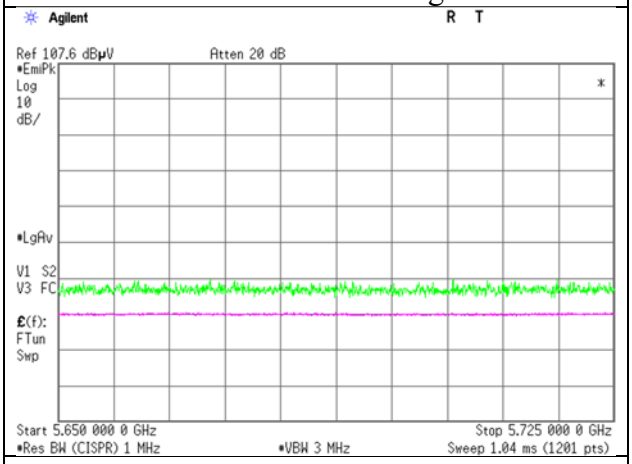
Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 10, 2023
Temperature / Humidity	21 deg. C / 46 % RH
Engineer	Tetsuro Yoshida
	(1 GHz - 10 GHz)
Mode	Tx 11ax-40 5755 MHz (26-tone RU)

RU Index 0

Horizontal

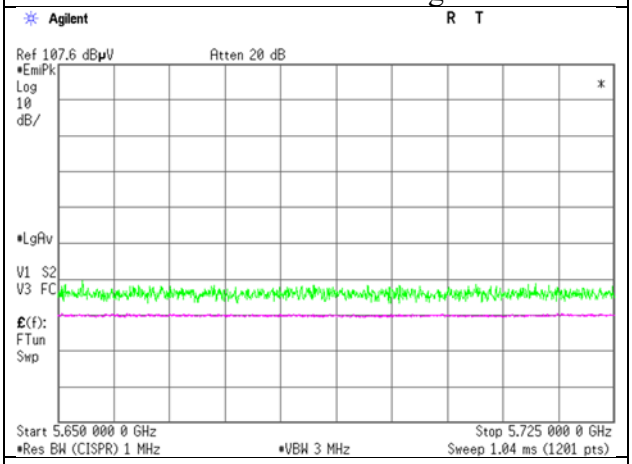
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

Vertical

Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions. Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 10, 2023
Temperature / Humidity	21 deg. C / 46 % RH
Engineer	Tetsuro Yoshida
	(1 GHz - 10 GHz)
Mode	Tx 11ax-40 5755 MHz (52-tone RU)

RU Index 37

Polarity [Hori/Vert]	Frequency [MHz]	Reading (QP / PK) [dBuV]	Reading (AV) [dBuV]	Ant. Factor [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result (QP / PK) [dBuV/m]	Result (AV) [dBuV/m]	Limit (QP / PK) [dBuV/m]	Limit (AV) [dBuV/m]	Margin (QP / PK) [dB]	Margin (AV) [dB]	Remark
Hori.	5650.0	45.5	-	31.9	5.8	33.9	-	49.3	-	68.2	-	18.9	-	
Hori.	5700.0	46.0	-	32.0	5.8	33.9	-	49.9	-	105.2	-	55.3	-	
Hori.	5720.0	47.6	-	32.0	5.8	33.9	-	51.6	-	110.8	-	59.2	-	
Hori.	5725.0	47.7	-	32.1	5.8	33.9	-	51.7	-	122.2	-	70.5	-	
Vert.	5650.0	44.3	-	31.9	5.8	33.9	-	48.1	-	68.2	-	20.1	-	
Vert.	5700.0	44.5	-	32.0	5.8	33.9	-	48.4	-	105.2	-	56.9	-	
Vert.	5720.0	46.3	-	32.0	5.8	33.9	-	50.3	-	110.8	-	60.5	-	
Vert.	5725.0	46.6	-	32.1	5.8	33.9	-	50.6	-	122.2	-	71.7	-	

Result (QP / PK) = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

Result (AV)= Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier) + Duty factor

*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

*QP detector was used up to 1GHz.

Distance factor: 1 GHz - 10 GHz 20log (3.7 m / 3.0 m) = 1.83 dB

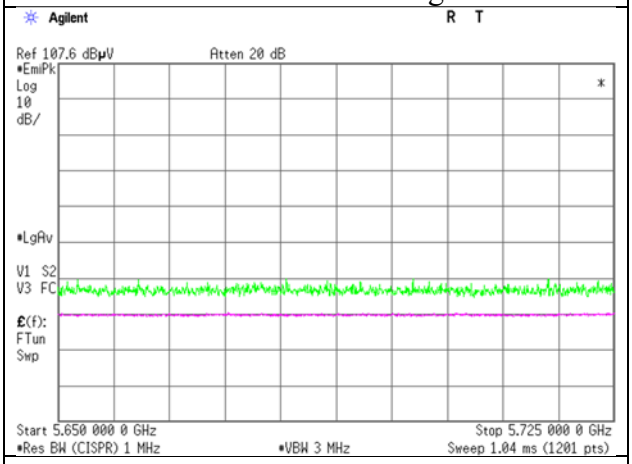
Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 10, 2023
Temperature / Humidity	21 deg. C / 46 % RH
Engineer	Tetsuro Yoshida
	(1 GHz - 10 GHz)
Mode	Tx 11ax-40 5755 MHz (52-tone RU)

RU Index 37

Horizontal

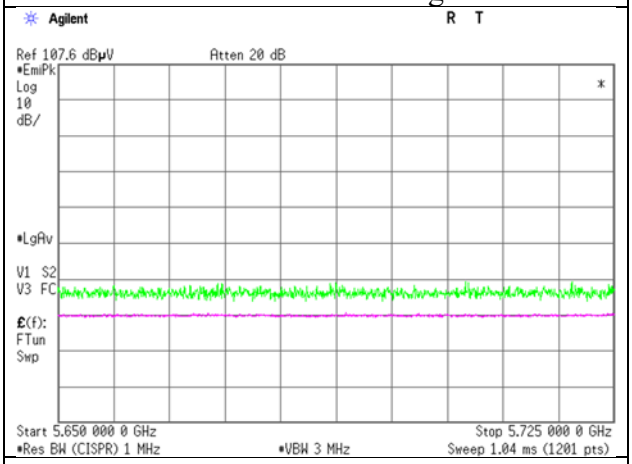
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

Vertical

Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions. Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 10, 2023
Temperature / Humidity	21 deg. C / 46 % RH
Engineer	Tetsuro Yoshida
	(1 GHz - 10 GHz)
Mode	Tx 11ax-40 5755 MHz (106-tone RU)

RU Index 53

Polarity [Hori/Vert]	Frequency [MHz]	Reading (QP / PK) [dBuV]	Reading (AV) [dBuV]	Ant. Factor [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result (QP / PK) [dBuV/m]	Result (AV) [dBuV/m]	Limit (QP / PK) [dBuV/m]	Limit (AV) [dBuV/m]	Margin (QP / PK) [dB]	Margin (AV) [dB]	Remark
Hori.	5650.0	47.1	-	31.9	5.8	33.9	-	50.9	-	68.2	-	17.3	-	
Hori.	5700.0	48.9	-	32.0	5.8	33.9	-	52.8	-	105.2	-	52.4	-	
Hori.	5720.0	49.8	-	32.0	5.8	33.9	-	53.7	-	110.8	-	57.1	-	
Hori.	5725.0	51.0	-	32.1	5.8	33.9	-	55.0	-	122.2	-	67.2	-	
Vert.	5650.0	46.8	-	31.9	5.8	33.9	-	50.7	-	68.2	-	17.6	-	
Vert.	5700.0	47.8	-	32.0	5.8	33.9	-	51.7	-	105.2	-	53.5	-	
Vert.	5720.0	48.2	-	32.0	5.8	33.9	-	52.1	-	110.8	-	58.7	-	
Vert.	5725.0	50.0	-	32.1	5.8	33.9	-	53.9	-	122.2	-	68.3	-	

Result (QP / PK) = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

Result (AV)= Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier) + Duty factor

*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

*QP detector was used up to 1GHz.

Distance factor: 1 GHz - 10 GHz 20log (3.7 m / 3.0 m) = 1.83 dB

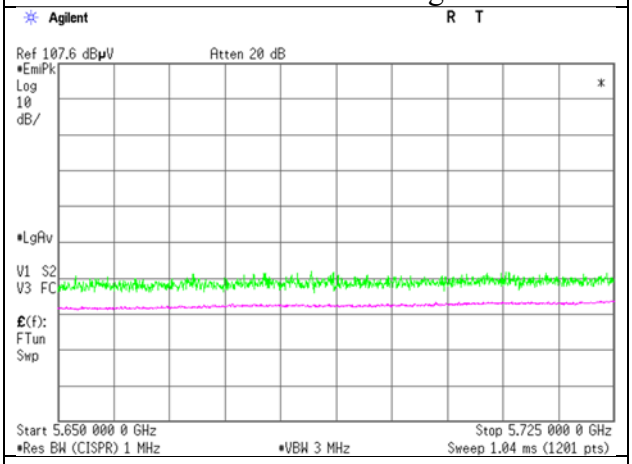
Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 10, 2023
Temperature / Humidity	21 deg. C / 46 % RH
Engineer	Tetsuro Yoshida
	(1 GHz - 10 GHz)
Mode	Tx 11ax-40 5755 MHz (106-tone RU)

RU Index 53

Horizontal

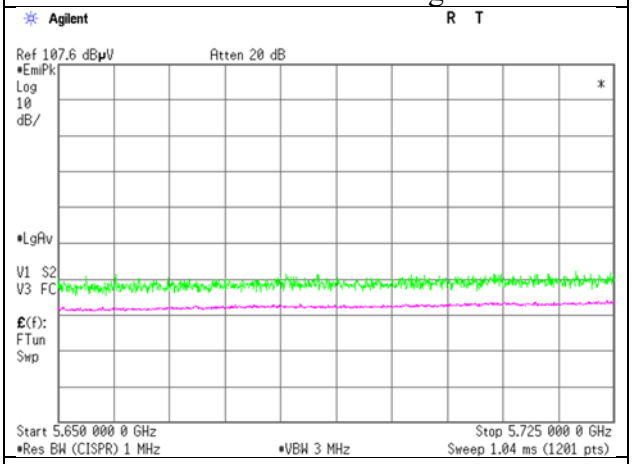
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

Vertical

Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions. Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 10, 2023
Temperature / Humidity	21 deg. C / 46 % RH
Engineer	Tetsuro Yoshida
	(1 GHz - 10 GHz)
Mode	Tx 11ax-40 5755 MHz (242-tone RU)

RU Index 61

Polarity [Hori/Vert]	Frequency [MHz]	Reading (QP / PK) [dBuV]	Reading (AV) [dBuV]	Ant. Factor [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result (QP / PK) [dBuV/m]	Result (AV) [dBuV/m]	Limit (QP / PK) [dBuV/m]	Limit (AV) [dBuV/m]	Margin (QP / PK) [dB]	Margin (AV) [dB]	Remark
Hori.	5650.0	49.6	-	31.9	5.8	33.9	-	53.4	-	68.2	-	14.8	-	
Hori.	5700.0	51.6	-	32.0	5.8	33.9	-	55.5	-	105.2	-	49.7	-	
Hori.	5720.0	57.3	-	32.0	5.8	33.9	-	61.3	-	110.8	-	49.5	-	
Hori.	5725.0	59.2	-	32.1	5.8	33.9	-	63.2	-	122.2	-	59.0	-	
Vert.	5650.0	48.4	-	31.9	5.8	33.9	-	52.2	-	68.2	-	16.0	-	
Vert.	5700.0	50.0	-	32.0	5.8	33.9	-	53.9	-	105.2	-	51.3	-	
Vert.	5720.0	56.9	-	32.0	5.8	33.9	-	60.8	-	110.8	-	50.0	-	
Vert.	5725.0	57.8	-	32.1	5.8	33.9	-	61.8	-	122.2	-	60.4	-	

Result (QP / PK) = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

Result (AV)= Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier) + Duty factor

*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

*QP detector was used up to 1GHz.

Distance factor: 1 GHz - 10 GHz 20log (3.7 m / 3.0 m) = 1.83 dB

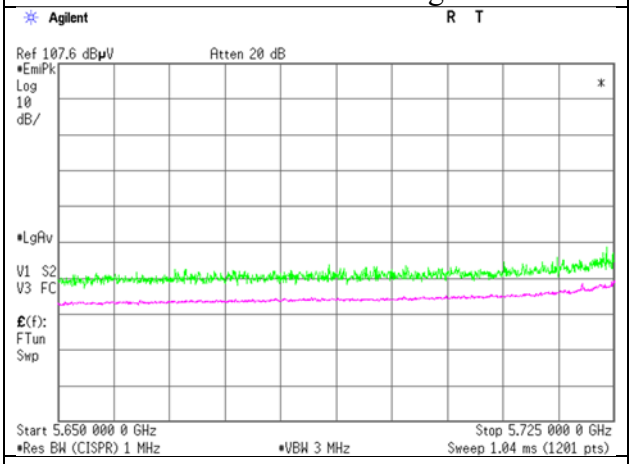
Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 10, 2023
Temperature / Humidity	21 deg. C / 46 % RH
Engineer	Tetsuro Yoshida
	(1 GHz - 10 GHz)
Mode	Tx 11ax-40 5755 MHz (242-tone RU)

RU Index 61

Horizontal

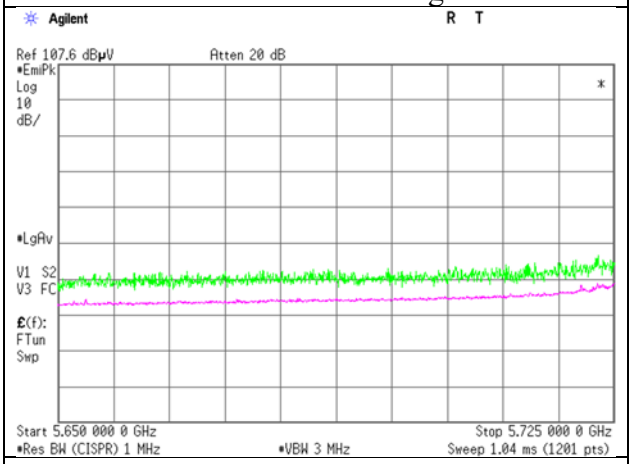
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

Vertical

Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions. Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 10, 2023
Temperature / Humidity	21 deg. C / 46 % RH
Engineer	Tetsuro Yoshida
	(1 GHz - 10 GHz)
Mode	Tx 11ax-40 5755 MHz (484-tone RU)

RU Index 65

Polarity [Hori/Vert]	Frequency [MHz]	Reading (QP / PK) [dBuV]	Reading (AV) [dBuV]	Ant. Factor [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result (QP / PK) [dBuV/m]	Result (AV) [dBuV/m]	Limit (QP / PK) [dBuV/m]	Limit (AV) [dBuV/m]	Margin (QP / PK) [dB]	Margin (AV) [dB]	Remark
Hori.	5650.0	49.7	-	31.9	5.8	33.9	-	53.5	-	68.2	-	14.7	-	
Hori.	5700.0	52.4	-	32.0	5.8	33.9	-	56.3	-	105.2	-	48.9	-	
Hori.	5720.0	57.1	-	32.0	5.8	33.9	-	61.1	-	110.8	-	49.7	-	
Hori.	5725.0	61.4	-	32.1	5.8	33.9	-	65.4	-	122.2	-	56.8	-	
Vert.	5650.0	48.4	-	31.9	5.8	33.9	-	52.2	-	68.2	-	16.0	-	
Vert.	5700.0	51.2	-	32.0	5.8	33.9	-	55.1	-	105.2	-	50.1	-	
Vert.	5720.0	56.4	-	32.0	5.8	33.9	-	60.4	-	110.8	-	50.4	-	
Vert.	5725.0	59.3	-	32.1	5.8	33.9	-	63.3	-	122.2	-	58.9	-	

Result (QP / PK) = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

Result (AV)= Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier) + Duty factor

*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

*QP detector was used up to 1GHz.

Distance factor: 1 GHz - 10 GHz 20log (3.7 m / 3.0 m) = 1.83 dB

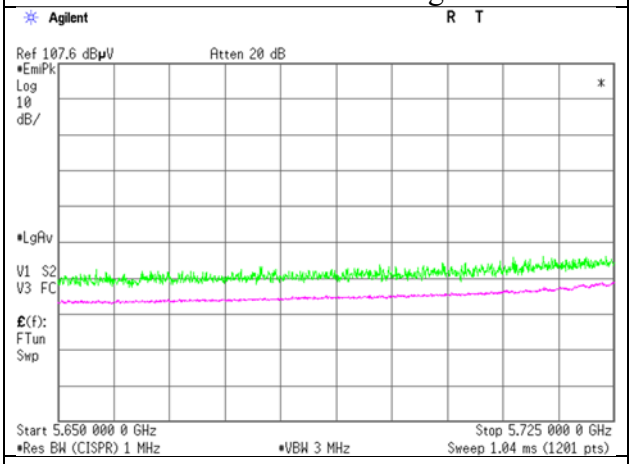
Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 10, 2023
Temperature / Humidity	21 deg. C / 46 % RH
Engineer	Tetsuro Yoshida
	(1 GHz - 10 GHz)
Mode	Tx 11ax-40 5755 MHz (484-tone RU)

RU Index 65

Horizontal

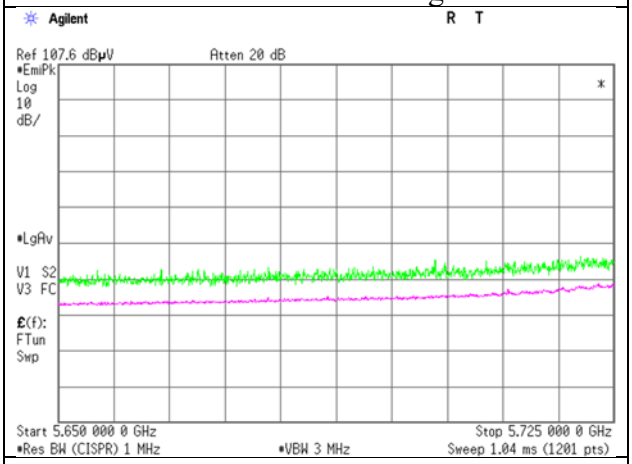
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

Vertical

Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions. Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 10, 2023
Temperature / Humidity	21 deg. C / 46 % RH
Engineer	Tetsuro Yoshida
	(1 GHz - 10 GHz)
Mode	Tx 11ax-40 5795 MHz (26-tone RU)

RU Index 17

Polarity [Hori/Vert]	Frequency [MHz]	Reading (QP / PK) [dBuV]	Reading (AV) [dBuV]	Ant. Factor [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result (QP / PK) [dBuV/m]	Result (AV) [dBuV/m]	Limit (QP / PK) [dBuV/m]	Limit (AV) [dBuV/m]	Margin (QP / PK) [dB]	Margin (AV) [dB]	Remark
Hori.	5850.0	44.8	-	32.4	5.9	33.9	-	49.1	-	122.2	-	73.1	-	
Hori.	5855.0	43.7	-	32.4	5.9	33.9	-	48.0	-	110.8	-	62.8	-	
Hori.	5875.0	43.7	-	32.4	5.9	33.9	-	48.0	-	105.2	-	57.2	-	
Hori.	5925.0	43.8	-	32.5	5.9	33.9	-	48.2	-	68.2	-	20.0	-	
Vert.	5850.0	45.0	-	32.4	5.9	33.9	-	49.3	-	122.2	-	72.9	-	
Vert.	5855.0	44.4	-	32.4	5.9	33.9	-	48.7	-	110.8	-	62.1	-	
Vert.	5875.0	44.0	-	32.4	5.9	33.9	-	48.4	-	105.2	-	56.8	-	
Vert.	5925.0	43.9	-	32.5	5.9	33.9	-	48.3	-	68.2	-	19.9	-	

Result (QP / PK) = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

Result (AV)= Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier) + Duty factor

*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

*QP detector was used up to 1GHz.

Distance factor: 1 GHz - 10 GHz 20log (3.7 m / 3.0 m) = 1.83 dB

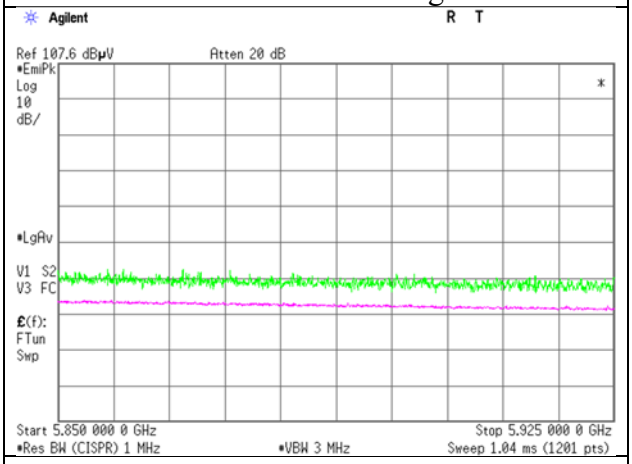
Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 10, 2023
Temperature / Humidity	21 deg. C / 46 % RH
Engineer	Tetsuro Yoshida
	(1 GHz - 10 GHz)
Mode	Tx 11ax-40 5795 MHz (26-tone RU)

RU Index 17

Horizontal

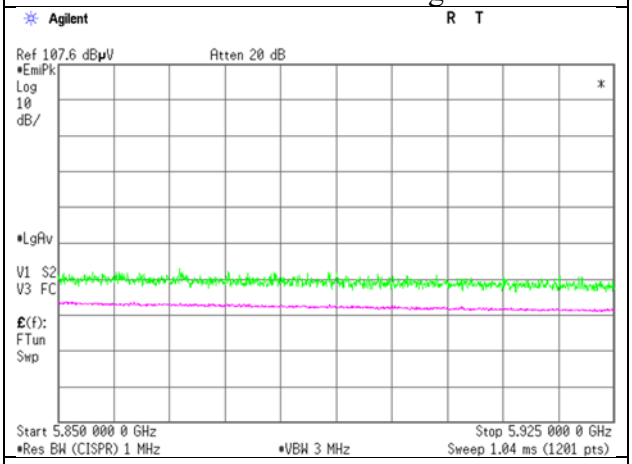
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

Vertical

Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions. Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 10, 2023
Temperature / Humidity	21 deg. C / 46 % RH
Engineer	Tetsuro Yoshida
	(1 GHz - 10 GHz)
Mode	Tx 11ax-40 5795 MHz (52-tone RU)

RU Index 44

Polarity [Hori/Vert]	Frequency [MHz]	Reading (QP / PK) [dBuV]	Reading (AV) [dBuV]	Ant. Factor [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result (QP / PK) [dBuV/m]	Result (AV) [dBuV/m]	Limit (QP / PK) [dBuV/m]	Limit (AV) [dBuV/m]	Margin (QP / PK) [dB]	Margin (AV) [dB]	Remark
Hori.	5850.0	46.0	-	32.4	5.9	33.9	-	50.3	-	122.2	-	71.9	-	
Hori.	5855.0	45.9	-	32.4	5.9	33.9	-	50.2	-	110.8	-	60.6	-	
Hori.	5875.0	45.8	-	32.4	5.9	33.9	-	50.1	-	105.2	-	55.1	-	
Hori.	5925.0	45.1	-	32.5	5.9	33.9	-	49.6	-	68.2	-	18.7	-	
Vert.	5850.0	46.2	-	32.4	5.9	33.9	-	50.5	-	122.2	-	71.7	-	
Vert.	5855.0	46.1	-	32.4	5.9	33.9	-	50.4	-	110.8	-	60.4	-	
Vert.	5875.0	46.1	-	32.4	5.9	33.9	-	50.5	-	105.2	-	54.7	-	
Vert.	5925.0	45.3	-	32.5	5.9	33.9	-	49.7	-	68.2	-	18.5	-	

Result (QP / PK) = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

Result (AV)= Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier) + Duty factor

*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

*QP detector was used up to 1GHz.

Distance factor: 1 GHz - 10 GHz 20log (3.7 m / 3.0 m) = 1.83 dB

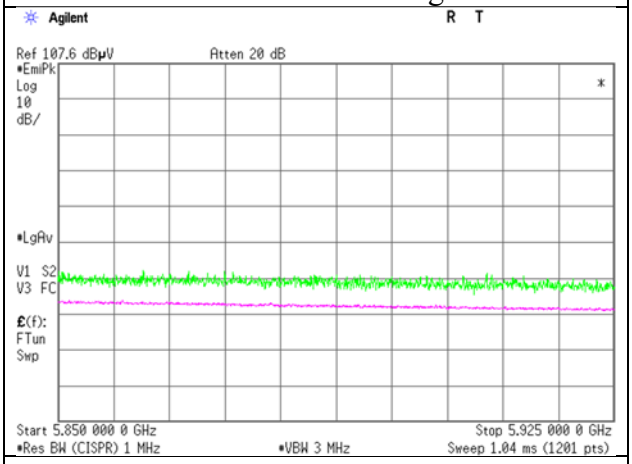
Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 10, 2023
Temperature / Humidity	21 deg. C / 46 % RH
Engineer	Tetsuro Yoshida
	(1 GHz - 10 GHz)
Mode	Tx 11ax-40 5795 MHz (52-tone RU)

RU Index 44

Horizontal

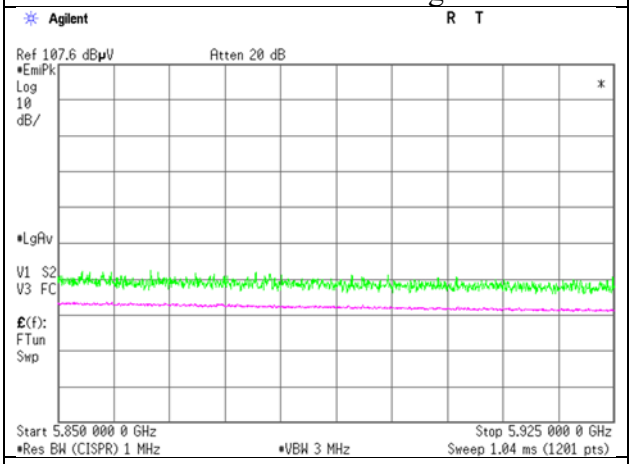
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

Vertical

Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions. Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 10, 2023
Temperature / Humidity	21 deg. C / 46 % RH
Engineer	Tetsuro Yoshida
	(1 GHz - 10 GHz)
Mode	Tx 11ax-40 5795 MHz (106-tone RU)

RU Index 56

Polarity [Hori/Vert]	Frequency [MHz]	Reading (QP / PK) [dBuV]	Reading (AV) [dBuV]	Ant. Factor [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result (QP / PK) [dBuV/m]	Result (AV) [dBuV/m]	Limit (QP / PK) [dBuV/m]	Limit (AV) [dBuV/m]	Margin (QP / PK) [dB]	Margin (AV) [dB]	Remark
Hori.	5850.0	50.3	-	32.4	5.9	33.9	-	54.6	-	122.2	-	67.6	-	
Hori.	5855.0	47.6	-	32.4	5.9	33.9	-	51.9	-	110.8	-	58.9	-	
Hori.	5875.0	47.6	-	32.4	5.9	33.9	-	51.9	-	105.2	-	53.3	-	
Hori.	5925.0	47.0	-	32.5	5.9	33.9	-	51.4	-	68.2	-	16.8	-	
Vert.	5850.0	48.3	-	32.4	5.9	33.9	-	52.6	-	122.2	-	69.6	-	
Vert.	5855.0	47.8	-	32.4	5.9	33.9	-	52.1	-	110.8	-	58.7	-	
Vert.	5875.0	48.3	-	32.4	5.9	33.9	-	52.7	-	105.2	-	52.5	-	
Vert.	5925.0	48.0	-	32.5	5.9	33.9	-	52.4	-	68.2	-	15.8	-	

Result (QP / PK) = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

Result (AV)= Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier) + Duty factor

*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

*QP detector was used up to 1GHz.

Distance factor: 1 GHz - 10 GHz 20log (3.7 m / 3.0 m) = 1.83 dB

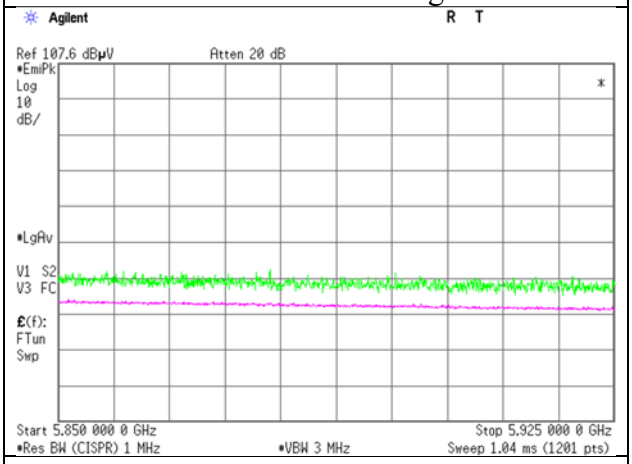
Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 10, 2023
Temperature / Humidity	21 deg. C / 46 % RH
Engineer	Tetsuro Yoshida
	(1 GHz - 10 GHz)
Mode	Tx 11ax-40 5795 MHz (106-tone RU)

RU Index 56

Horizontal

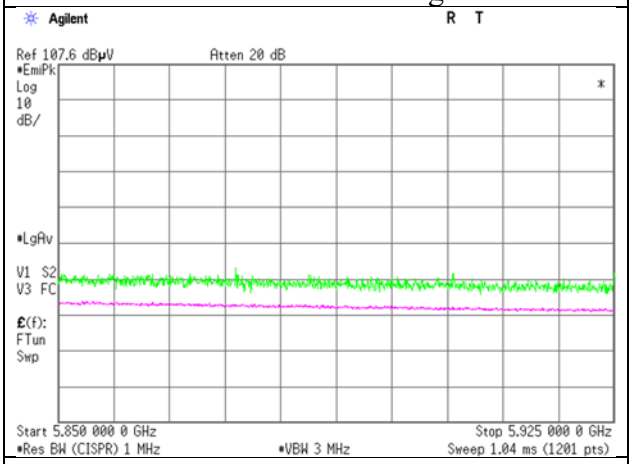
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

Vertical

Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions. Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 10, 2023
Temperature / Humidity	21 deg. C / 46 % RH
Engineer	Tetsuro Yoshida
	(1 GHz - 10 GHz)
Mode	Tx 11ax-40 5795 MHz (242-tone RU)

RU Index 62

Polarity [Hori/Vert]	Frequency [MHz]	Reading (QP / PK) [dBuV]	Reading (AV) [dBuV]	Ant. Factor [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result (QP / PK) [dBuV/m]	Result (AV) [dBuV/m]	Limit (QP / PK) [dBuV/m]	Limit (AV) [dBuV/m]	Margin (QP / PK) [dB]	Margin (AV) [dB]	Remark
Hori.	5850.0	50.5	-	32.4	5.9	33.9	-	54.8	-	122.2	-	67.4	-	
Hori.	5855.0	50.0	-	32.4	5.9	33.9	-	54.3	-	110.8	-	56.5	-	
Hori.	5875.0	48.3	-	32.4	5.9	33.9	-	52.7	-	105.2	-	52.5	-	
Hori.	5925.0	47.0	-	32.5	5.9	33.9	-	51.4	-	68.2	-	16.8	-	
Vert.	5850.0	50.2	-	32.4	5.9	33.9	-	54.5	-	122.2	-	67.7	-	
Vert.	5855.0	50.3	-	32.4	5.9	33.9	-	54.6	-	110.8	-	56.2	-	
Vert.	5875.0	49.5	-	32.4	5.9	33.9	-	53.9	-	105.2	-	51.3	-	
Vert.	5925.0	48.1	-	32.5	5.9	33.9	-	52.5	-	68.2	-	15.7	-	

Result (QP / PK) = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

Result (AV)= Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier) + Duty factor

*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

*QP detector was used up to 1GHz.

Distance factor: 1 GHz - 10 GHz 20log (3.7 m / 3.0 m) = 1.83 dB

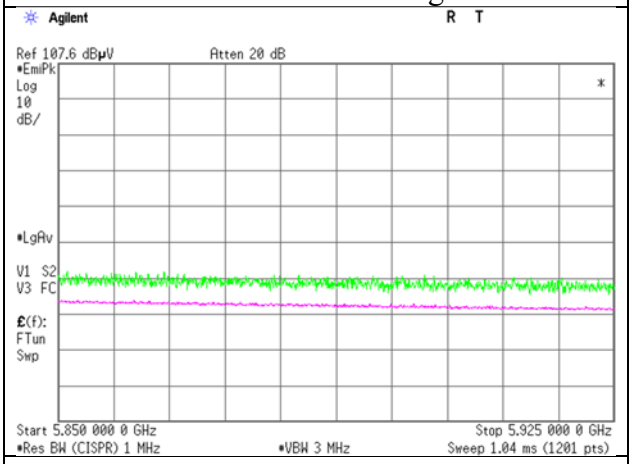
Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 10, 2023
Temperature / Humidity	21 deg. C / 46 % RH
Engineer	Tetsuro Yoshida
	(1 GHz - 10 GHz)
Mode	Tx 11ax-40 5795 MHz (242-tone RU)

RU Index 62

Horizontal

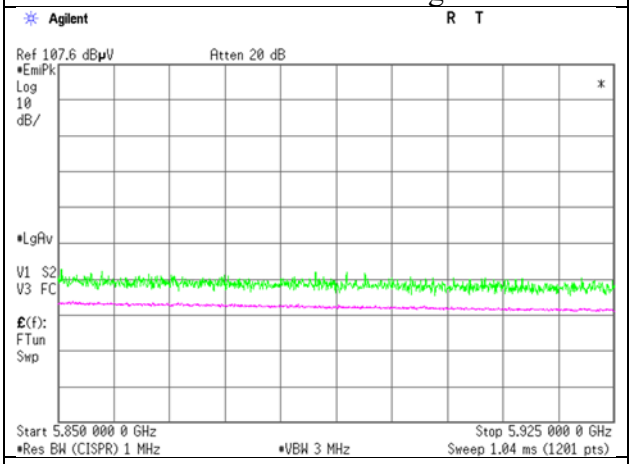
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

Vertical

Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions. Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 10, 2023
Temperature / Humidity	21 deg. C / 46 % RH
Engineer	Tetsuro Yoshida
	(1 GHz - 10 GHz)
Mode	Tx 11ax-40 5795 MHz (484-tone RU)

RU Index 65

Polarity [Hori/Vert]	Frequency [MHz]	Reading (QP / PK) [dBuV]	Reading (AV) [dBuV]	Ant. Factor [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result (QP / PK) [dBuV/m]	Result (AV) [dBuV/m]	Limit (QP / PK) [dBuV/m]	Limit (AV) [dBuV/m]	Margin (QP / PK) [dB]	Margin (AV) [dB]	Remark
Hori.	5850.0	50.7	-	32.4	5.9	33.9	-	55.0	-	122.2	-	67.3	-	
Hori.	5855.0	50.1	-	32.4	5.9	33.9	-	54.4	-	110.8	-	56.4	-	
Hori.	5875.0	48.8	-	32.4	5.9	33.9	-	53.1	-	105.2	-	52.1	-	
Hori.	5925.0	47.5	-	32.5	5.9	33.9	-	51.9	-	68.2	-	16.3	-	
Vert.	5850.0	51.3	-	32.4	5.9	33.9	-	55.6	-	122.2	-	66.6	-	
Vert.	5855.0	51.0	-	32.4	5.9	33.9	-	55.3	-	110.8	-	55.5	-	
Vert.	5875.0	49.8	-	32.4	5.9	33.9	-	54.2	-	105.2	-	51.0	-	
Vert.	5925.0	48.4	-	32.5	5.9	33.9	-	52.8	-	68.2	-	15.4	-	

Result (QP / PK) = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

Result (AV)= Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier) + Duty factor

*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

*QP detector was used up to 1GHz.

Distance factor: 1 GHz - 10 GHz 20log (3.7 m / 3.0 m) = 1.83 dB

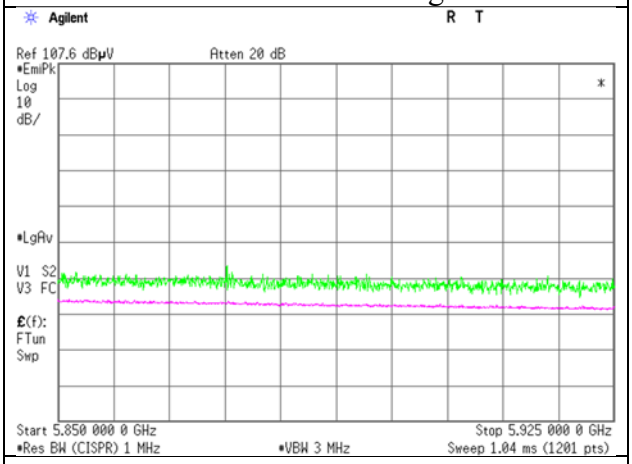
Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 10, 2023
Temperature / Humidity	21 deg. C / 46 % RH
Engineer	Tetsuro Yoshida
	(1 GHz - 10 GHz)
Mode	Tx 11ax-40 5795 MHz (484-tone RU)

RU Index 65

Horizontal

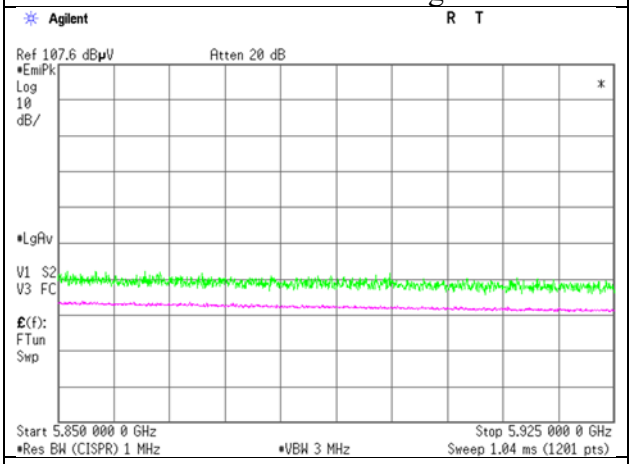
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

Vertical

Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions. Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 11, 2023
Temperature / Humidity	23 deg. C / 42 % RH
Engineer	Kiyoshiro Okazaki
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5210 MHz (26-tone RU)

RU Index 0

Polarity [Hori/Vert]	Frequency [MHz]	Reading (QP / PK) [dBuV]	Reading (AV) [dBuV]	Ant. Factor [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result (QP / PK) [dBuV/m]	Result (AV) [dBuV/m]	Limit (QP / PK) [dBuV/m]	Limit (AV) [dBuV/m]	Margin (QP / PK) [dB]	Margin (AV) [dB]	Remark
Hori.	5150.0	44.4	35.3	32.1	5.7	34.1	0.2	48.0	39.1	73.9	53.9	25.9	14.8	*1)
Vert.	5150.0	44.5	34.4	32.1	5.7	34.1	0.2	48.2	38.3	73.9	53.9	25.7	15.6	*1)

Result (QP / PK) = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

Result (AV)= Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier) + Duty factor

*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

*QP detector was used up to 1GHz.

*1) Not Out of Band emission(Leakage Power)

Distance factor: 1 GHz - 10 GHz 20log (3.7 m / 3.0 m) = 1.83 dB

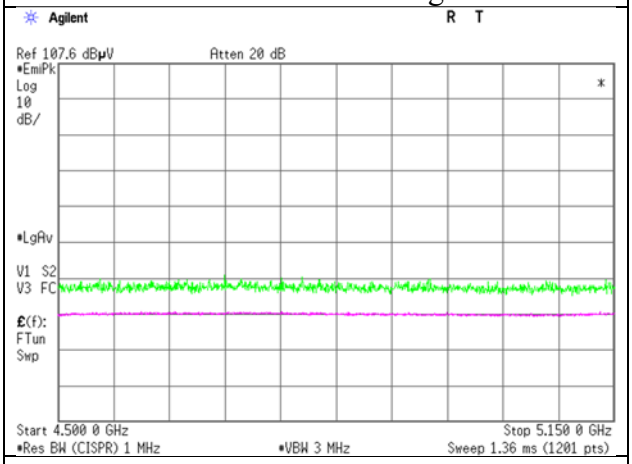
Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 11, 2023
Temperature / Humidity	23 deg. C / 42 % RH
Engineer	Kiyoshiro Okazaki
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5210 MHz (26-tone RU)

RU Index 0

Horizontal

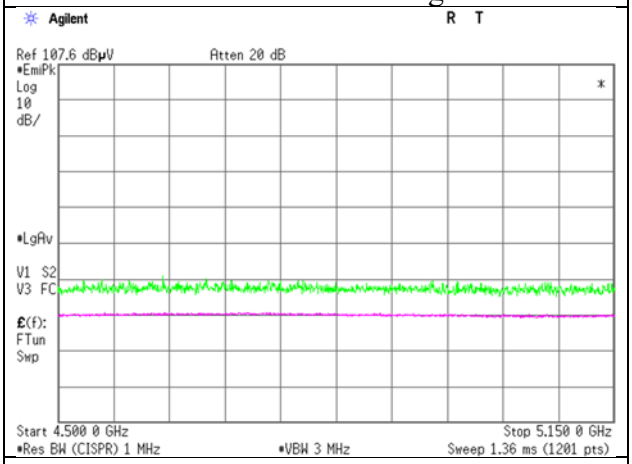
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

Vertical

Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions. Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 11, 2023
Temperature / Humidity	23 deg. C / 42 % RH
Engineer	Kiyoshiro Okazaki
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5210 MHz (52-tone RU)

RU Index 37

Polarity	Frequency	Reading (QP / PK)	Reading (AV)	Ant. Factor	Loss	Gain	Duty Factor	Result (QP / PK)	Result (AV)	Limit (QP / PK)	Limit (AV)	Margin (QP / PK)	Margin (AV)	Remark
[Hori/Vert]	[MHz]	[dBuV]	[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dB]	[dB]	
Hori.	5150.0	45.3	35.5	32.1	5.7	34.1	0.3	49.0	39.4	73.9	53.9	24.9	14.5	*1)
Vert.	5150.0	44.4	35.1	32.1	5.7	34.1	0.3	48.1	39.0	73.9	53.9	25.8	14.9	*1)

Result (QP / PK) = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

Result (AV)= Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier) + Duty factor

*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

*QP detector was used up to 1GHz.

*1) Not Out of Band emission(Leakage Power)

Distance factor: 1 GHz - 10 GHz 20log (3.7 m / 3.0 m) = 1.83 dB

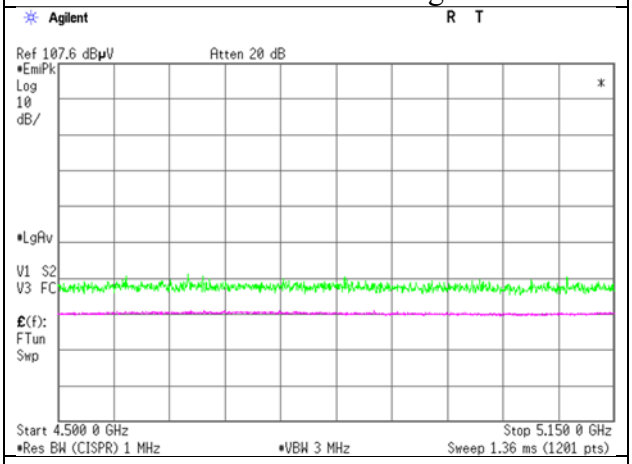
Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 11, 2023
Temperature / Humidity	23 deg. C / 42 % RH
Engineer	Kiyoshiro Okazaki
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5210 MHz (52-tone RU)

RU Index 37

Horizontal

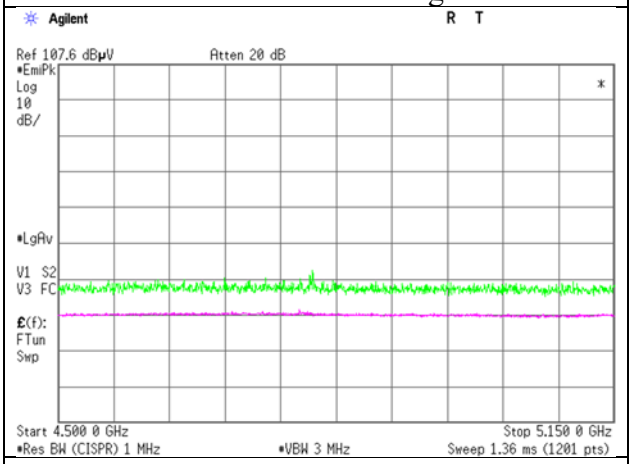
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

Vertical

Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions. Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 11, 2023
Temperature / Humidity	23 deg. C / 42 % RH
Engineer	Kiyoshiro Okazaki
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5210 MHz (106-tone RU)

RU Index 53

Polarity	Frequency	Reading (QP / PK)	Reading (AV)	Ant. Factor	Loss	Gain	Duty Factor	Result (QP / PK)	Result (AV)	Limit (QP / PK)	Limit (AV)	Margin (QP / PK)	Margin (AV)	Remark
[Hori/Vert]	[MHz]	[dBuV]	[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dB]	[dB]	
Hori.	5150.0	48.2	38.1	32.1	5.7	34.1	0.3	51.9	42.1	73.9	53.9	22.0	11.8	*1)
Vert.	5150.0	45.2	35.7	32.1	5.7	34.1	0.3	48.9	39.7	73.9	53.9	25.0	14.2	*1)

Result (QP / PK) = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

Result (AV)= Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier) + Duty factor

*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

*QP detector was used up to 1GHz.

*1) Not Out of Band emission(Leakage Power)

Distance factor: 1 GHz - 10 GHz 20log (3.7 m / 3.0 m) = 1.83 dB

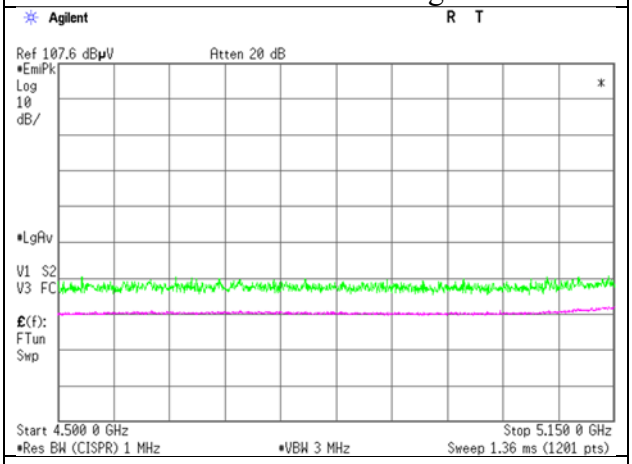
Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 11, 2023
Temperature / Humidity	23 deg. C / 42 % RH
Engineer	Kiyoshiro Okazaki
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5210 MHz (106-tone RU)

RU Index 53

Horizontal

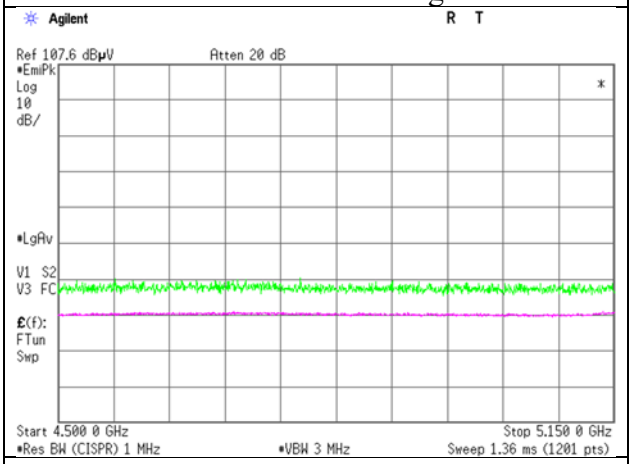
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

Vertical

Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions. Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 11, 2023
Temperature / Humidity	23 deg. C / 42 % RH
Engineer	Kiyoshiro Okazaki
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5210 MHz (242-tone RU)

RU Index 61

Polarity [Hori/Vert]	Frequency [MHz]	Reading (QP / PK) [dBuV]	Reading (AV) [dBuV]	Ant. Factor [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result (QP / PK) [dBuV/m]	Result (AV) [dBuV/m]	Limit (QP / PK) [dBuV/m]	Limit (AV) [dBuV/m]	Margin (QP / PK) [dB]	Margin (AV) [dB]	Remark
Hori.	5150.0	50.5	40.4	32.1	5.7	34.1	0.4	54.2	44.4	73.9	53.9	19.7	9.6	*1)
Vert.	5150.0	48.3	38.2	32.1	5.7	34.1	0.4	52.0	42.2	73.9	53.9	21.9	11.7	*1)

Result (QP / PK) = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

Result (AV)= Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier) + Duty factor

*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

*QP detector was used up to 1GHz.

*1) Not Out of Band emission(Leakage Power)

Distance factor: 1 GHz - 10 GHz 20log (3.7 m / 3.0 m) = 1.83 dB

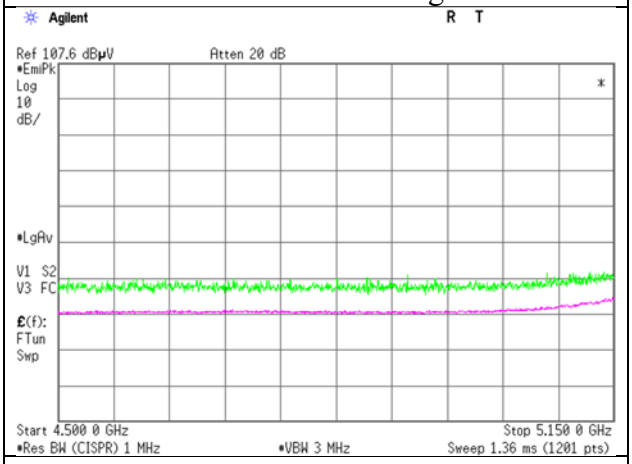
Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 11, 2023
Temperature / Humidity	23 deg. C / 42 % RH
Engineer	Kiyoshiro Okazaki
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5210 MHz (242-tone RU)

RU Index 61

Horizontal

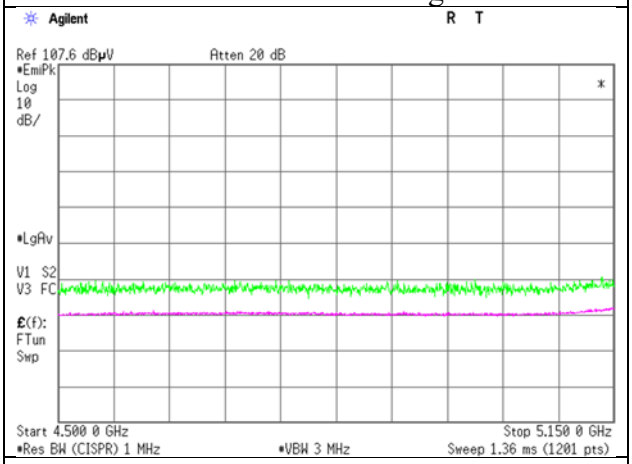
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

Vertical

Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions. Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 11, 2023
Temperature / Humidity	23 deg. C / 42 % RH
Engineer	Kiyoshiro Okazaki
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5210 MHz (484-tone RU)

RU Index 65

Polarity	Frequency	Reading (QP / PK)	Reading (AV)	Ant. Factor	Loss	Gain	Duty Factor	Result (QP / PK)	Result (AV)	Limit (QP / PK)	Limit (AV)	Margin (QP / PK)	Margin (AV)	Remark
[Hori/Vert]	[MHz]	[dBuV]	[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dB]	[dB]	
Hori.	5150.0	53.6	42.8	32.1	5.7	34.1	0.4	57.3	46.8	73.9	53.9	16.6	7.1	*1)
Vert.	5150.0	48.3	37.8	32.1	5.7	34.1	0.4	51.9	41.8	73.9	53.9	22.0	12.1	*1)

Result (QP / PK) = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

Result (AV)= Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier) + Duty factor

*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

*QP detector was used up to 1GHz.

*1) Not Out of Band emission(Leakage Power)

Distance factor: 1 GHz - 10 GHz 20log (3.7 m / 3.0 m) = 1.83 dB

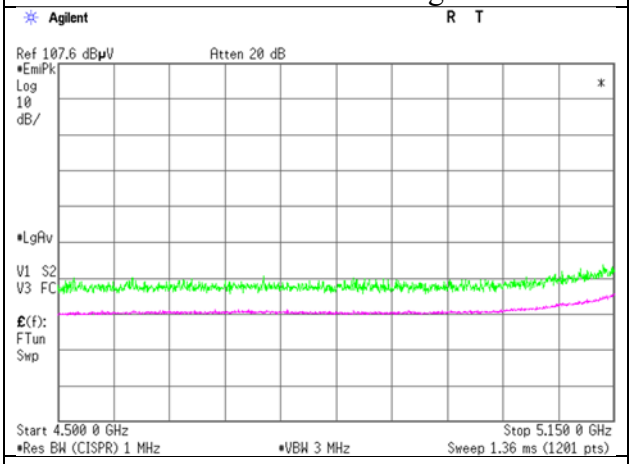
Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 11, 2023
Temperature / Humidity	23 deg. C / 42 % RH
Engineer	Kiyoshiro Okazaki
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5210 MHz (484-tone RU)

RU Index 65

Horizontal

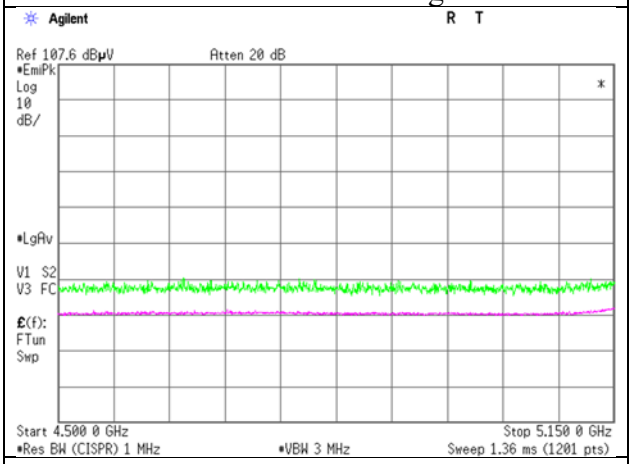
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

Vertical

Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions. Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 11, 2023
Temperature / Humidity	23 deg. C / 42 % RH
Engineer	Kiyoshiro Okazaki
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5210 MHz (996-tone RU)

RU Index 67

Polarity [Hori/Vert]	Frequency [MHz]	Reading (QP / PK) [dBuV]	Reading (AV) [dBuV]	Ant. Factor [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result (QP / PK) [dBuV/m]	Result (AV) [dBuV/m]	Limit (QP / PK) [dBuV/m]	Limit (AV) [dBuV/m]	Margin (QP / PK) [dB]	Margin (AV) [dB]	Remark
Hori.	5150.0	52.0	42.0	32.1	5.7	34.1	0.4	55.7	46.0	73.9	53.9	18.2	7.9	*1)
Vert.	5150.0	49.7	38.9	32.1	5.7	34.1	0.4	53.3	42.9	73.9	53.9	20.6	11.0	*1)

Result (QP / PK) = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

Result (AV)= Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier) + Duty factor

*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

*QP detector was used up to 1GHz.

*1) Not Out of Band emission(Leakage Power)

Distance factor: 1 GHz - 10 GHz 20log (3.7 m / 3.0 m) = 1.83 dB

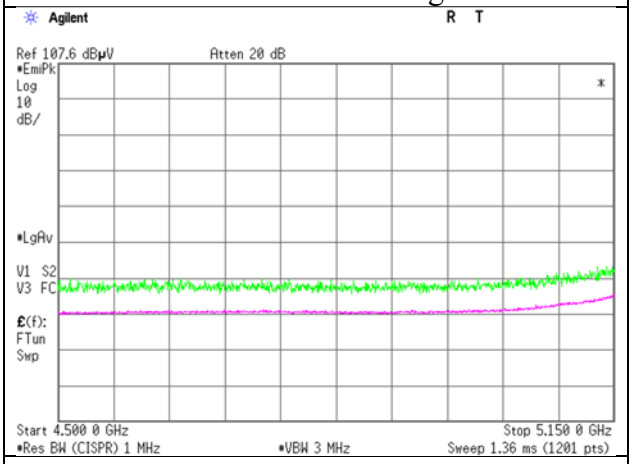
Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 11, 2023
Temperature / Humidity	23 deg. C / 42 % RH
Engineer	Kiyoshiro Okazaki
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5210 MHz (996-tone RU)

RU Index 67

Horizontal

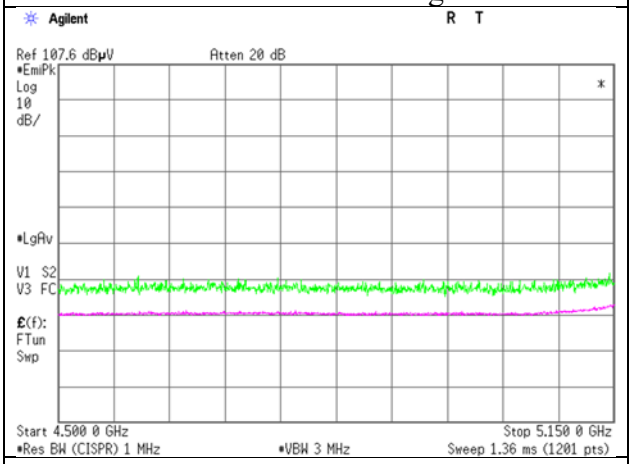
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

Vertical

Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions. Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 11, 2023
Temperature / Humidity	23 deg. C / 42 % RH
Engineer	Kiyoshiro Okazaki
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5290 MHz (26-tone RU)

RU Index 36

Polarity	Frequency	Reading (QP / PK)	Reading (AV)	Ant. Factor	Loss	Gain	Duty Factor	Result (QP / PK)	Result (AV)	Limit (QP / PK)	Limit (AV)	Margin (QP / PK)	Margin (AV)	Remark
[Hori/Vert]	[MHz]	[dBuV]	[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dB]	[dB]	
Hori.	5350.0	45.0	35.4	31.8	5.7	34.0	0.2	48.6	39.2	73.9	53.9	25.4	14.7	*1)
Vert.	5350.0	44.5	35.1	31.8	5.7	34.0	0.2	48.1	38.9	73.9	53.9	25.8	15.0	*1)

Result (QP / PK) = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

Result (AV)= Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier) + Duty factor

*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

*QP detector was used up to 1GHz.

*1) Not Out of Band emission(Leakage Power)

Distance factor: 1 GHz - 10 GHz 20log (3.7 m / 3.0 m) = 1.83 dB

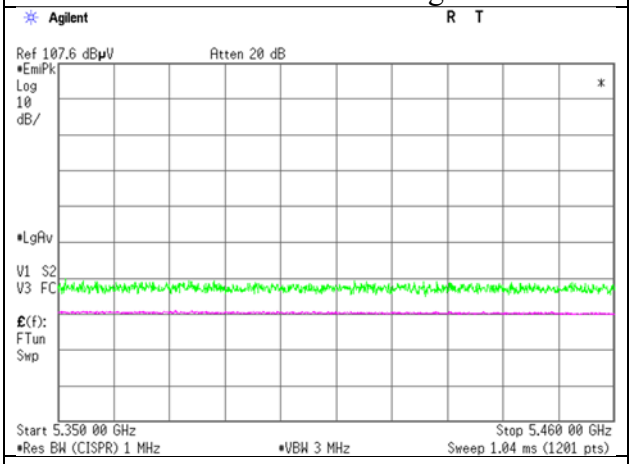
Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 11, 2023
Temperature / Humidity	23 deg. C / 42 % RH
Engineer	Kiyoshiro Okazaki
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5290 MHz (26-tone RU)

RU Index 36

Horizontal

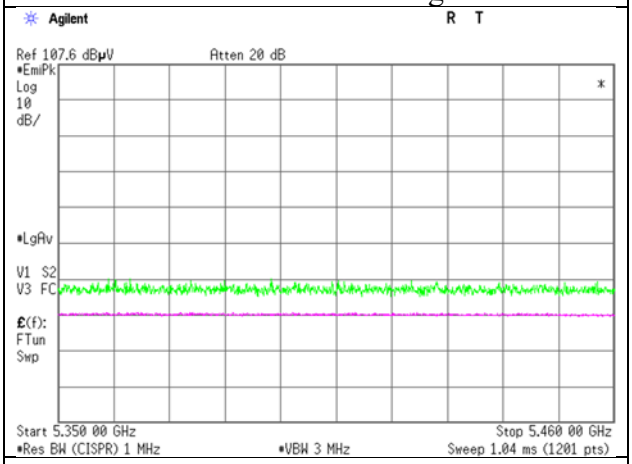
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

Vertical

Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions. Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 11, 2023
Temperature / Humidity	23 deg. C / 42 % RH
Engineer	Kiyoshiro Okazaki
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5290 MHz (52-tone RU)

RU Index 52

Polarity	Frequency	Reading (QP / PK)	Reading (AV)	Ant. Factor	Loss	Gain	Duty Factor	Result (QP / PK)	Result (AV)	Limit (QP / PK)	Limit (AV)	Margin (QP / PK)	Margin (AV)	Remark
[Hori/Vert]	[MHz]	[dBuV]	[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dB]	[dB]	
Hori.	5350.0	46.2	37.1	31.8	5.7	34.0	0.3	49.7	40.9	73.9	53.9	24.2	13.0	*1)
Vert.	5350.0	45.9	36.3	31.8	5.7	34.0	0.3	49.4	40.1	73.9	53.9	24.5	13.8	*1)

Result (QP / PK) = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

Result (AV)= Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier) + Duty factor

*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

*QP detector was used up to 1GHz.

*1) Not Out of Band emission(Leakage Power)

Distance factor: 1 GHz - 10 GHz 20log (3.7 m / 3.0 m) = 1.83 dB

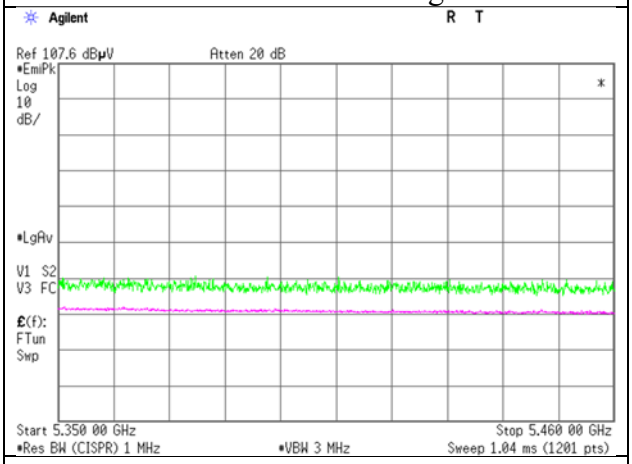
Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 11, 2023
Temperature / Humidity	23 deg. C / 42 % RH
Engineer	Kiyoshiro Okazaki
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5290 MHz (52-tone RU)

RU Index 52

Horizontal

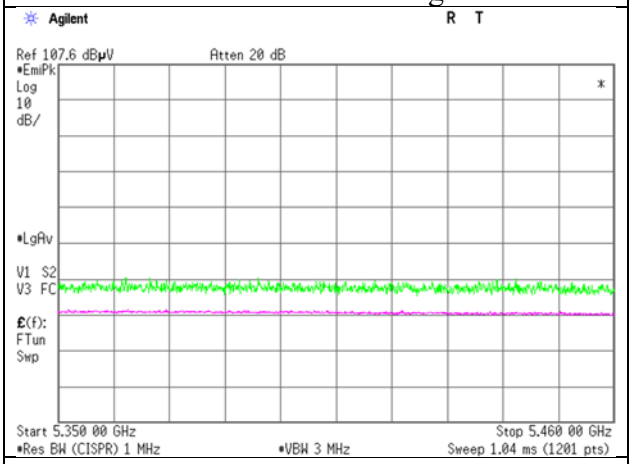
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

Vertical

Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions. Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 11, 2023
Temperature / Humidity	23 deg. C / 42 % RH
Engineer	Kiyoshiro Okazaki
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5290 MHz (106-tone RU)

RU Index 60

Polarity	Frequency	Reading (QP / PK)	Reading (AV)	Ant. Factor	Loss	Gain	Duty Factor	Result (QP / PK)	Result (AV)	Limit (QP / PK)	Limit (AV)	Margin (QP / PK)	Margin (AV)	Remark
[Hori/Vert]	[MHz]	[dBuV]	[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dB]	[dB]	
Hori.	5350.0	50.0	40.1	31.8	5.7	34.0	0.3	53.6	44.0	73.9	53.9	20.3	9.9	*1)
Vert.	5350.0	48.8	38.8	31.8	5.7	34.0	0.3	52.4	42.7	73.9	53.9	21.5	11.2	*1)

Result (QP / PK) = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

Result (AV)= Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier) + Duty factor

*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

*QP detector was used up to 1GHz.

*1) Not Out of Band emission(Leakage Power)

Distance factor: 1 GHz - 10 GHz 20log (3.7 m / 3.0 m) = 1.83 dB

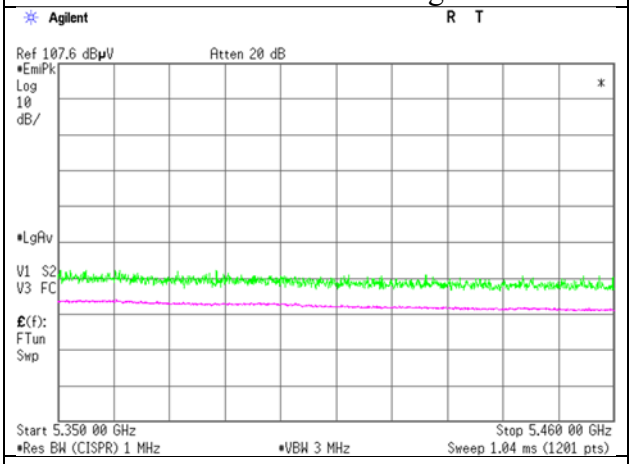
Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 11, 2023
Temperature / Humidity	23 deg. C / 42 % RH
Engineer	Kiyoshiro Okazaki
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5290 MHz (106-tone RU)

RU Index 60

Horizontal

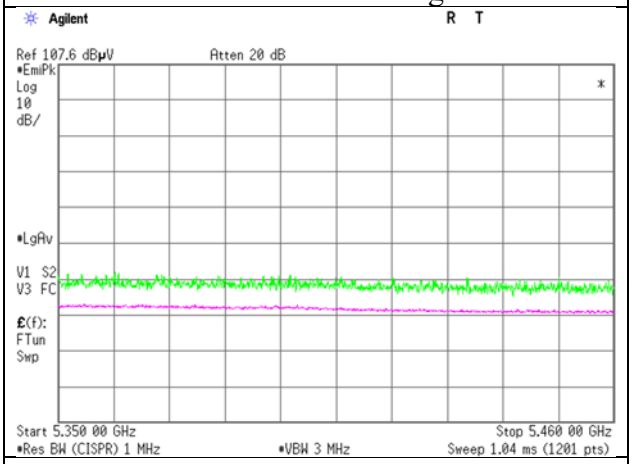
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

Vertical

Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions. Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 11, 2023
Temperature / Humidity	23 deg. C / 42 % RH
Engineer	Kiyoshiro Okazaki
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5290 MHz (242-tone RU)

RU Index 64

Polarity	Frequency	Reading (QP / PK)	Reading (AV)	Ant. Factor	Loss	Gain	Duty Factor	Result (QP / PK)	Result (AV)	Limit (QP / PK)	Limit (AV)	Margin (QP / PK)	Margin (AV)	Remark
[Hori/Vert]	[MHz]	[dBuV]	[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dB]	[dB]	
Hori.	5350.0	52.3	42.9	31.8	5.7	34.0	0.4	55.9	46.8	73.9	53.9	18.0	7.1	*1)
Vert.	5350.0	50.5	40.6	31.8	5.7	34.0	0.4	54.0	44.5	73.9	53.9	19.9	9.4	*1)

Result (QP / PK) = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

Result (AV)= Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier) + Duty factor

*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

*QP detector was used up to 1GHz.

*1) Not Out of Band emission(Leakage Power)

Distance factor: 1 GHz - 10 GHz 20log (3.7 m / 3.0 m) = 1.83 dB

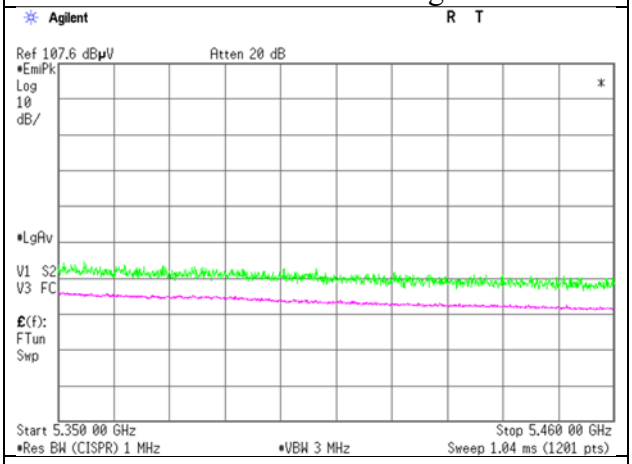
Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 11, 2023
Temperature / Humidity	23 deg. C / 42 % RH
Engineer	Kiyoshiro Okazaki
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5290 MHz (242-tone RU)

RU Index 64

Horizontal

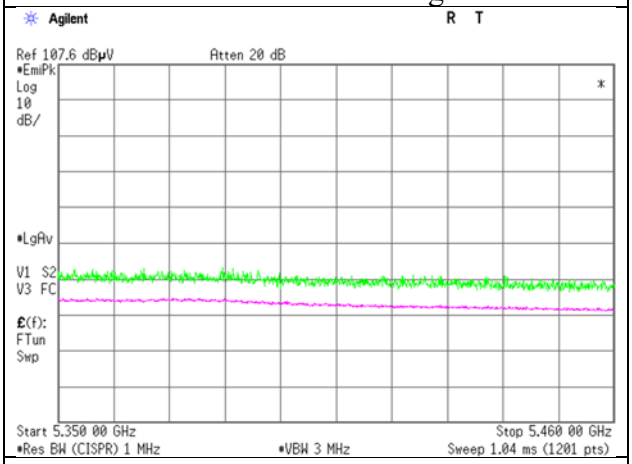
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

Vertical

Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions. Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 11, 2023
Temperature / Humidity	23 deg. C / 42 % RH
Engineer	Kiyoshiro Okazaki
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5290 MHz (484-tone RU)

RU Index 66

Polarity	Frequency	Reading (QP / PK)	Reading (AV)	Ant. Factor	Loss	Gain	Duty Factor	Result (QP / PK)	Result (AV)	Limit (QP / PK)	Limit (AV)	Margin (QP / PK)	Margin (AV)	Remark
[Hori/Vert]	[MHz]	[dBuV]	[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dB]	[dB]	
Hori.	5350.0	52.7	42.3	31.8	5.7	34.0	0.4	56.2	46.2	73.9	53.9	17.7	7.7	*1)
Vert.	5350.0	54.1	43.3	31.8	5.7	34.0	0.4	57.6	47.2	73.9	53.9	16.3	6.7	*1)

Result (QP / PK) = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

Result (AV)= Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier) + Duty factor

*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

*QP detector was used up to 1GHz.

*1) Not Out of Band emission(Leakage Power)

Distance factor: 1 GHz - 10 GHz 20log (3.7 m / 3.0 m) = 1.83 dB

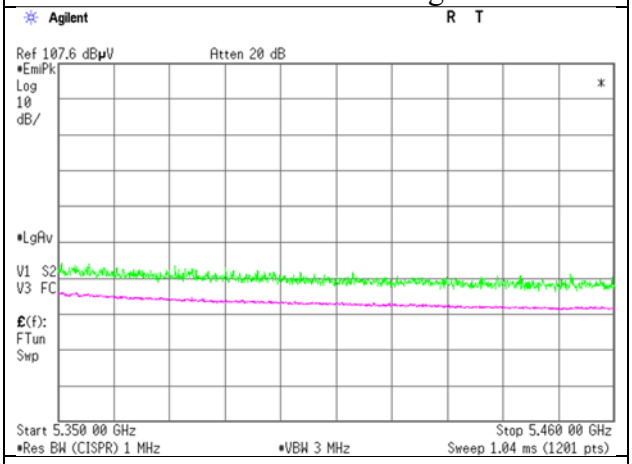
Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 11, 2023
Temperature / Humidity	23 deg. C / 42 % RH
Engineer	Kiyoshiro Okazaki
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5290 MHz (484-tone RU)

RU Index 66

Horizontal

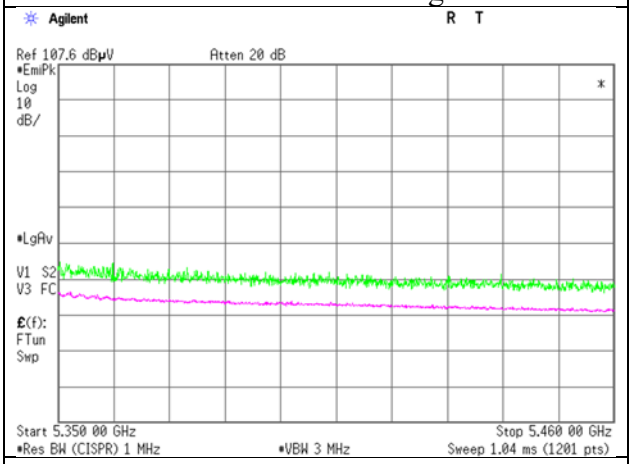
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

Vertical

Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions. Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 11, 2023
Temperature / Humidity	23 deg. C / 42 % RH
Engineer	Kiyoshiro Okazaki
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5290 MHz (996-tone RU)

RU Index 67

Polarity [Hori/Vert]	Frequency [MHz]	Reading (QP / PK) [dBuV]	Reading (AV) [dBuV]	Ant. Factor [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result (QP / PK) [dBuV/m]	Result (AV) [dBuV/m]	Limit (QP / PK) [dBuV/m]	Limit (AV) [dBuV/m]	Margin (QP / PK) [dB]	Margin (AV) [dB]	Remark
Hori.	5350.0	52.5	42.6	31.8	5.7	34.0	0.4	56.1	46.6	73.9	53.9	17.8	7.3	*1)
Vert.	5350.0	52.9	42.6	31.8	5.7	34.0	0.4	56.4	46.5	73.9	53.9	17.5	7.4	*1)

Result (QP / PK) = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

Result (AV)= Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier) + Duty factor

*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

*QP detector was used up to 1GHz.

*1) Not Out of Band emission(Leakage Power)

Distance factor: 1 GHz - 10 GHz 20log (3.7 m / 3.0 m) = 1.83 dB

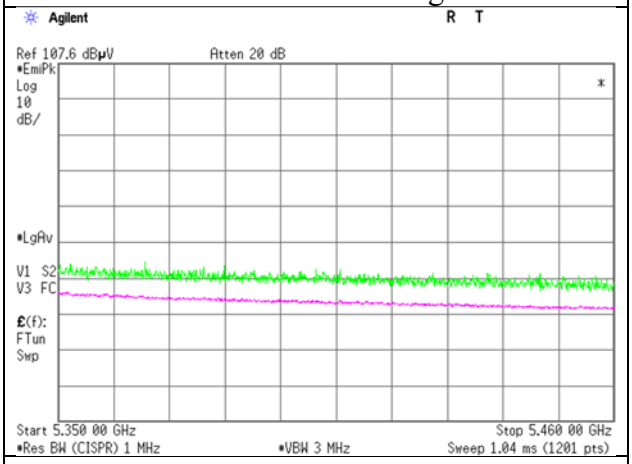
Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 11, 2023
Temperature / Humidity	23 deg. C / 42 % RH
Engineer	Kiyoshiro Okazaki
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5290 MHz (996-tone RU)

RU Index 67

Horizontal

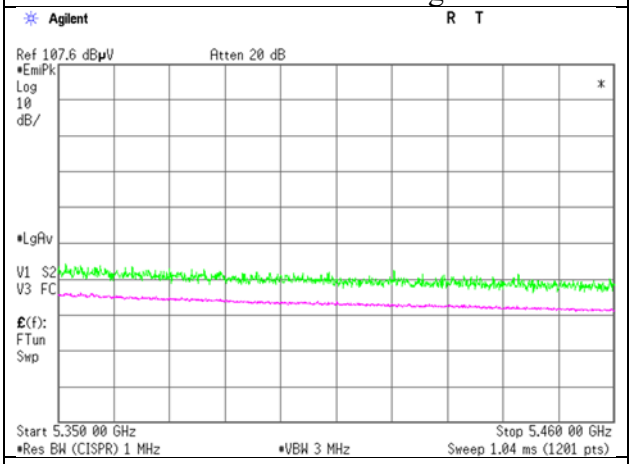
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

Vertical

Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions. Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 11, 2023
Temperature / Humidity	23 deg. C / 43 % RH
Engineer	Tetsuro Yoshida
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5530 MHz (26-tone RU)

RU Index 0

Polarity [Hori/Vert]	Frequency [MHz]	Reading (QP / PK) [dBuV]	Reading (AV) [dBuV]	Ant. Factor [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result (QP / PK) [dBuV/m]	Result (AV) [dBuV/m]	Limit (QP / PK) [dBuV/m]	Limit (AV) [dBuV/m]	Margin (QP / PK) [dB]	Margin (AV) [dB]	Remark
Hori.	5460.0	46.0	34.9	31.9	5.8	33.9	0.2	49.7	38.9	68.2	53.9	18.5	15.0	*1)
Hori.	5470.0	44.9	-	31.9	5.8	33.9	-	48.7	-	68.2	-	19.5	-	
Vert.	5460.0	44.3	34.5	31.9	5.8	33.9	0.2	48.1	38.5	68.2	53.9	20.1	15.4	*1)
Vert.	5470.0	45.3	-	31.9	5.8	33.9	-	49.1	-	68.2	-	19.1	-	

Result (QP / PK) = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

Result (AV)= Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier) + Duty factor

*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

*QP detector was used up to 1GHz.

*1) Not Out of Band emission(Leakage Power)

Distance factor: 1 GHz - 10 GHz 20log (3.7 m / 3.0 m) = 1.83 dB

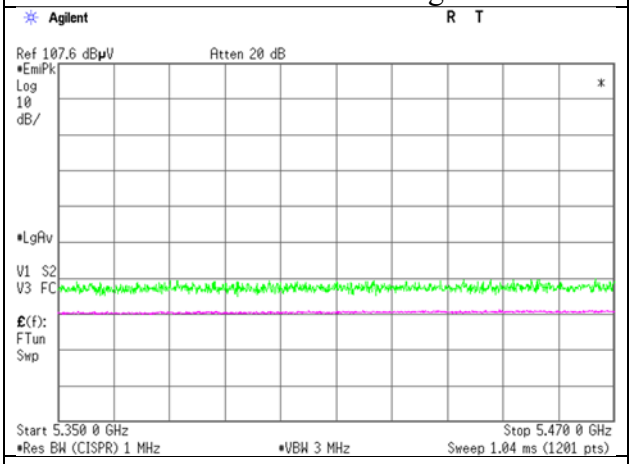
Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 11, 2023
Temperature / Humidity	23 deg. C / 43 % RH
Engineer	Tetsuro Yoshida
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5530 MHz (26-tone RU)

RU Index 0

Horizontal

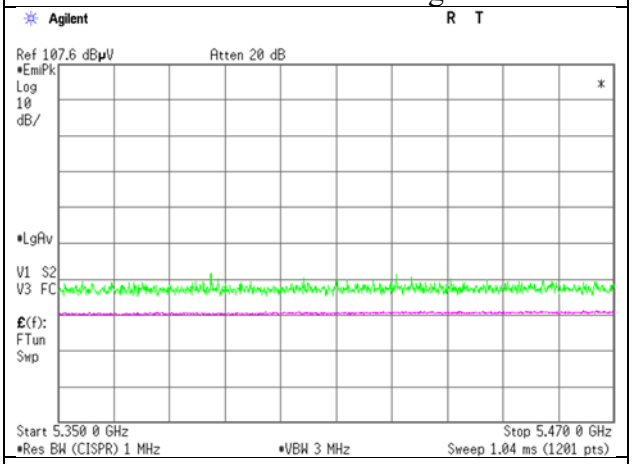
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

Vertical

Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions. Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 11, 2023
Temperature / Humidity	23 deg. C / 43 % RH
Engineer	Tetsuro Yoshida
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5530 MHz (52-tone RU)

RU Index 37

Polarity [Hori/Vert]	Frequency [MHz]	Reading (QP / PK) [dBuV]	Reading (AV) [dBuV]	Ant. Factor [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result (QP / PK) [dBuV/m]	Result (AV) [dBuV/m]	Limit (QP / PK) [dBuV/m]	Limit (AV) [dBuV/m]	Margin (QP / PK) [dB]	Margin (AV) [dB]	Remark
Hori.	5460.0	47.8	37.5	31.9	5.8	33.9	0.3	51.5	41.5	68.2	53.9	16.7	12.4	*1)
Hori.	5470.0	48.7	-	31.9	5.8	33.9	-	52.5	-	68.2	-	15.7	-	
Vert.	5460.0	46.9	37.0	31.9	5.8	33.9	0.3	50.7	41.1	68.2	53.9	17.5	12.8	*1)
Vert.	5470.0	48.5	-	31.9	5.8	33.9	-	52.2	-	68.2	-	16.0	-	

Result (QP / PK) = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

Result (AV)= Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier) + Duty factor

*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

*QP detector was used up to 1GHz.

*1) Not Out of Band emission(Leakage Power)

Distance factor: 1 GHz - 10 GHz 20log (3.7 m / 3.0 m) = 1.83 dB

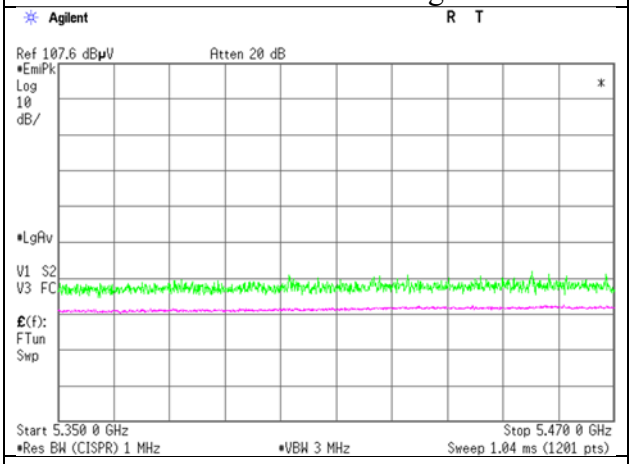
Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 11, 2023
Temperature / Humidity	23 deg. C / 43 % RH
Engineer	Tetsuro Yoshida
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5530 MHz (52-tone RU)

RU Index 37

Horizontal

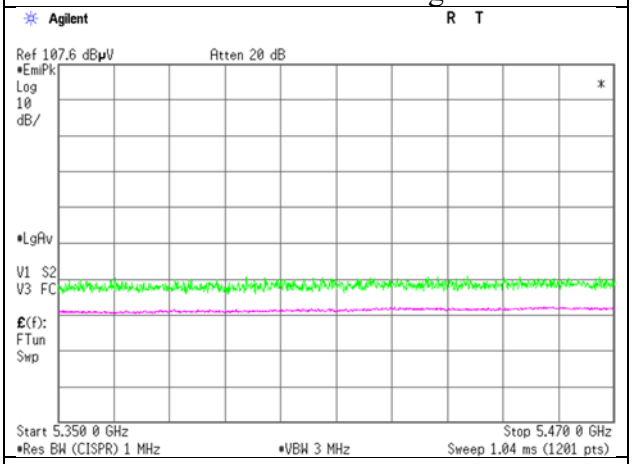
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

Vertical

Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions. Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 11, 2023
Temperature / Humidity	23 deg. C / 43 % RH
Engineer	Tetsuro Yoshida
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5530 MHz (106-tone RU)

RU Index 53

Polarity [Hori/Vert]	Frequency [MHz]	Reading (QP / PK) [dBuV]	Reading (AV) [dBuV]	Ant. Factor [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result (QP / PK) [dBuV/m]	Result (AV) [dBuV/m]	Limit (QP / PK) [dBuV/m]	Limit (AV) [dBuV/m]	Margin (QP / PK) [dB]	Margin (AV) [dB]	Remark
Hori.	5460.0	49.8	40.3	31.9	5.8	33.9	0.3	53.6	44.4	68.2	53.9	14.7	9.5	*1)
Hori.	5470.0	50.3	-	31.9	5.8	33.9	-	54.1	-	68.2	-	14.2	-	
Vert.	5460.0	49.0	39.2	31.9	5.8	33.9	0.3	52.8	43.2	68.2	53.9	15.4	10.7	*1)
Vert.	5470.0	49.9	-	31.9	5.8	33.9	-	53.7	-	68.2	-	14.5	-	

Result (QP / PK) = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

Result (AV)= Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier) + Duty factor

*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

*QP detector was used up to 1GHz.

*1) Not Out of Band emission(Leakage Power)

Distance factor: 1 GHz - 10 GHz 20log (3.7 m / 3.0 m) = 1.83 dB

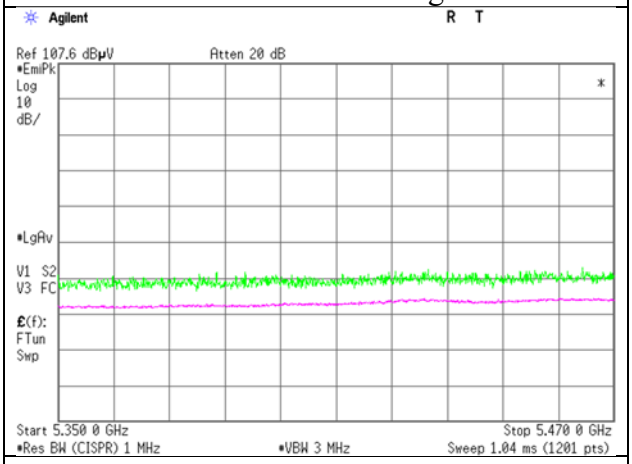
Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 11, 2023
Temperature / Humidity	23 deg. C / 43 % RH
Engineer	Tetsuro Yoshida
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5530 MHz (106-tone RU)

RU Index 53

Horizontal

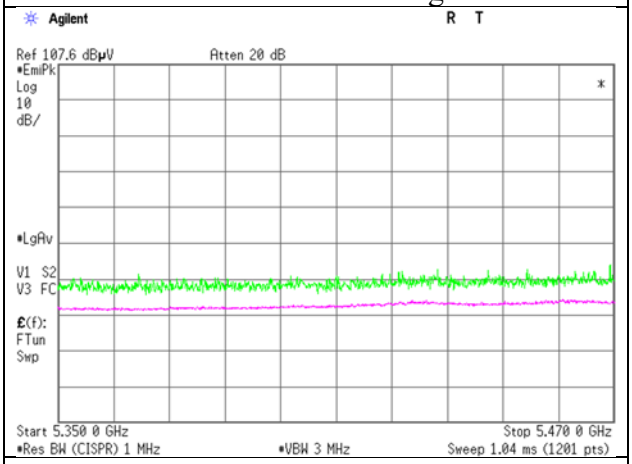
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

Vertical

Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions. Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 11, 2023
Temperature / Humidity	23 deg. C / 43 % RH
Engineer	Tetsuro Yoshida
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5530 MHz (242-tone RU)

RU Index 61

Polarity	Frequency	Reading (QP / PK)	Reading (AV)	Ant. Factor	Loss	Gain	Duty Factor	Result (QP / PK)	Result (AV)	Limit (QP / PK)	Limit (AV)	Margin (QP / PK)	Margin (AV)	Remark
[Hori/Vert]	[MHz]	[dBuV]	[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dB]	[dB]	
Hori.	5460.0	52.5	42.2	31.9	5.8	33.9	0.4	56.3	46.3	68.2	53.9	11.9	7.6	*1)
Hori.	5470.0	53.6	-	31.9	5.8	33.9	-	57.4	-	68.2	-	10.8	-	
Vert.	5460.0	51.1	41.9	31.9	5.8	33.9	0.4	54.9	46.0	68.2	53.9	13.3	7.9	*1)
Vert.	5470.0	53.0	-	31.9	5.8	33.9	-	56.8	-	68.2	-	11.4	-	

Result (QP / PK) = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

Result (AV)= Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier) + Duty factor

*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

*QP detector was used up to 1GHz.

*1) Not Out of Band emission(Leakage Power)

Distance factor: 1 GHz - 10 GHz 20log (3.7 m / 3.0 m) = 1.83 dB

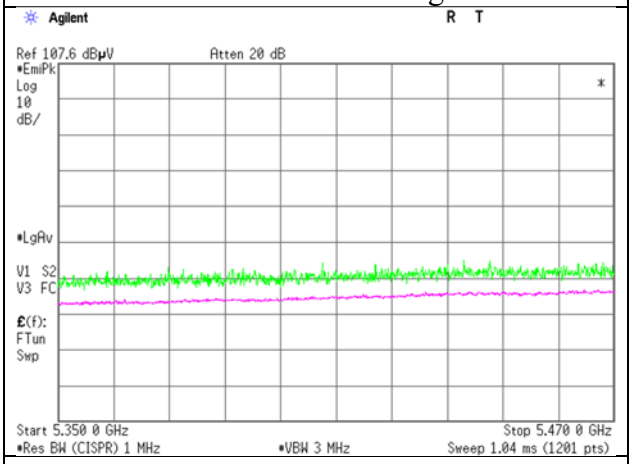
Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 11, 2023
Temperature / Humidity	23 deg. C / 43 % RH
Engineer	Tetsuro Yoshida
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5530 MHz (242-tone RU)

RU Index 61

Horizontal

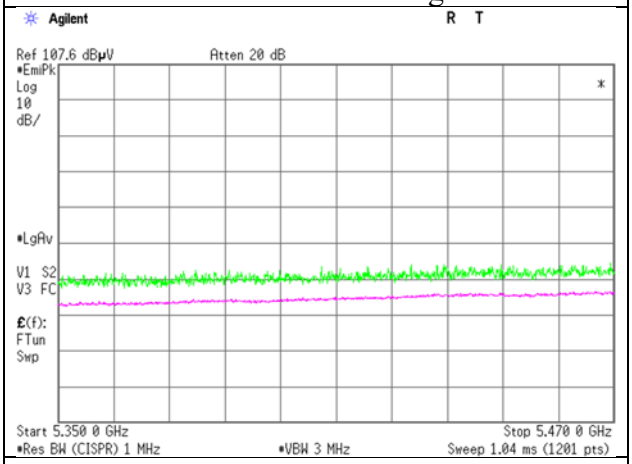
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

Vertical

Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions. Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 11, 2023
Temperature / Humidity	23 deg. C / 43 % RH
Engineer	Tetsuro Yoshida
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5530 MHz (484-tone RU)

RU Index 65

Polarity [Hori/Vert]	Frequency [MHz]	Reading (QP / PK) [dBuV]	Reading (AV) [dBuV]	Ant. Factor [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result (QP / PK) [dBuV/m]	Result (AV) [dBuV/m]	Limit (QP / PK) [dBuV/m]	Limit (AV) [dBuV/m]	Margin (QP / PK) [dB]	Margin (AV) [dB]	Remark
Hori.	5460.0	54.0	43.4	31.9	5.8	33.9	0.4	57.7	47.5	68.2	53.9	10.5	6.4	*1)
Hori.	5470.0	55.5	-	31.9	5.8	33.9	-	59.3	-	68.2	-	8.9	-	
Vert.	5460.0	52.6	42.5	31.9	5.8	33.9	0.4	56.3	46.7	68.2	53.9	11.9	7.2	*1)
Vert.	5470.0	54.9	-	31.9	5.8	33.9	-	58.6	-	68.2	-	9.6	-	

Result (QP / PK) = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

Result (AV)= Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier) + Duty factor

*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

*QP detector was used up to 1GHz.

*1) Not Out of Band emission(Leakage Power)

Distance factor: 1 GHz - 10 GHz 20log (3.7 m / 3.0 m) = 1.83 dB

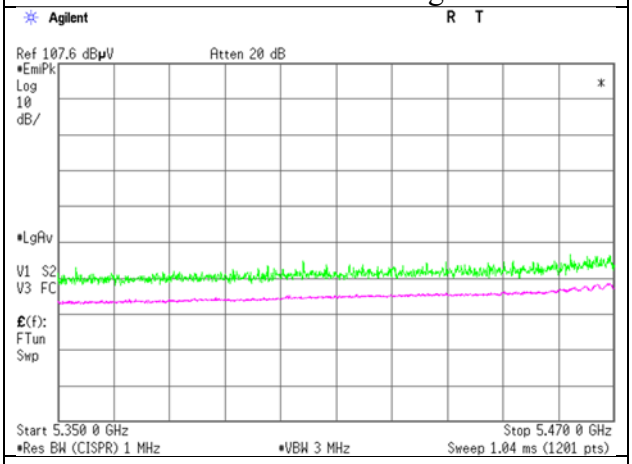
Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 11, 2023
Temperature / Humidity	23 deg. C / 43 % RH
Engineer	Tetsuro Yoshida
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5530 MHz (484-tone RU)

RU Index 65

Horizontal

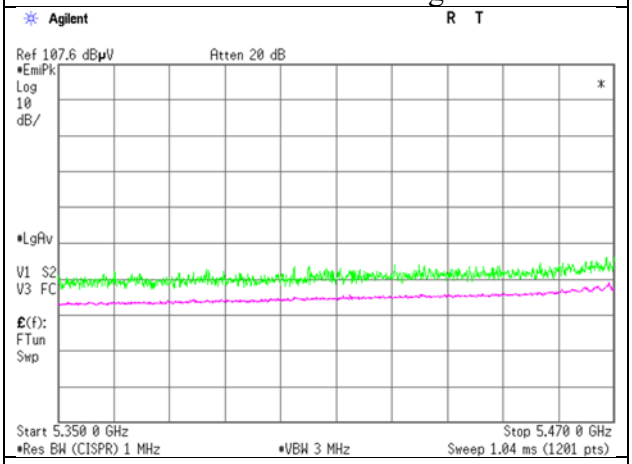
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

Vertical

Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions. Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 11, 2023
Temperature / Humidity	23 deg. C / 43 % RH
Engineer	Tetsuro Yoshida
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5530 MHz (996-tone RU)

RU Index 67

Polarity [Hori/Vert]	Frequency [MHz]	Reading (QP / PK) [dBuV]	Reading (AV) [dBuV]	Ant. Factor [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result (QP / PK) [dBuV/m]	Result (AV) [dBuV/m]	Limit (QP / PK) [dBuV/m]	Limit (AV) [dBuV/m]	Margin (QP / PK) [dB]	Margin (AV) [dB]	Remark
Hori.	5460.0	54.1	44.4	31.9	5.8	33.9	0.4	57.9	48.6	68.2	53.9	10.3	5.3	*1)
Hori.	5470.0	55.6	-	31.9	5.8	33.9	-	59.3	-	68.2	-	8.9	-	
Vert.	5460.0	53.2	43.2	31.9	5.8	33.9	0.4	57.0	47.3	68.2	53.9	11.2	6.6	*1)
Vert.	5470.0	55.0	-	31.9	5.8	33.9	-	58.8	-	68.2	-	9.4	-	

Result (QP / PK) = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

Result (AV)= Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier) + Duty factor

*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

*QP detector was used up to 1GHz.

*1) Not Out of Band emission(Leakage Power)

Distance factor: 1 GHz - 10 GHz 20log (3.7 m / 3.0 m) = 1.83 dB

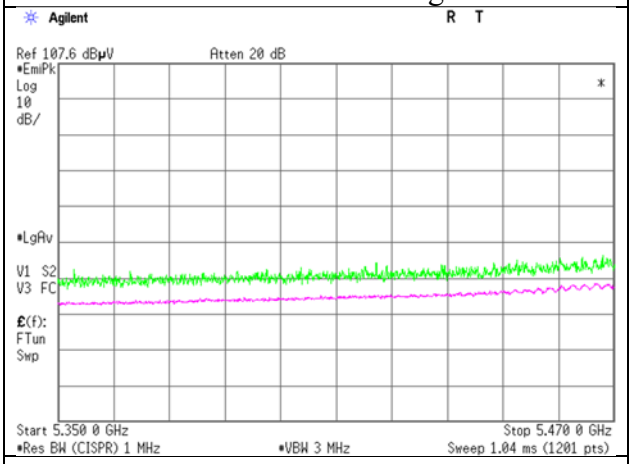
Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 11, 2023
Temperature / Humidity	23 deg. C / 43 % RH
Engineer	Tetsuro Yoshida
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5530 MHz (996-tone RU)

RU Index 67

Horizontal

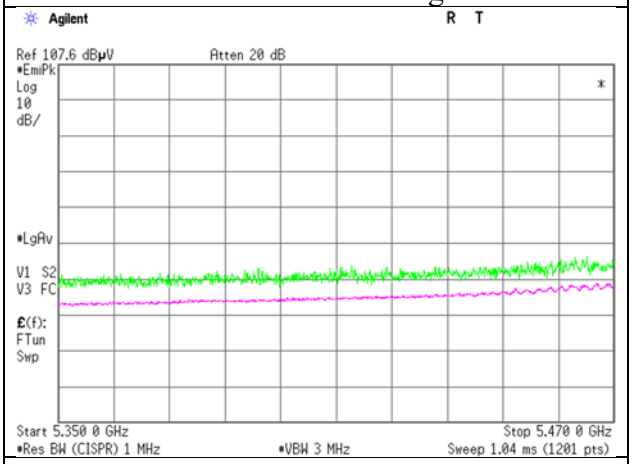
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

Vertical

Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions. Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 11, 2023
Temperature / Humidity	23 deg. C / 43 % RH
Engineer	Tetsuro Yoshida
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5610 MHz (26-tone RU)

RU Index 36

Polarity [Hori/Vert]	Frequency [MHz]	Reading (QP / PK) [dBuV]	Reading (AV) [dBuV]	Ant. Factor [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result (QP / PK) [dBuV/m]	Result (AV) [dBuV/m]	Limit (QP / PK) [dBuV/m]	Limit (AV) [dBuV/m]	Margin (QP / PK) [dB]	Margin (AV) [dB]	Remark
Hori.	5725.0	44.8	-	32.1	5.8	33.9	-	48.7	-	68.2	-	19.5	-	
Vert.	5725.0	43.2	-	32.1	5.8	33.9	-	47.2	-	68.2	-	21.0	-	

Result (QP / PK) = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

Result (AV)= Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier) + Duty factor

*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

*QP detector was used up to 1GHz.

Distance factor: 1 GHz - 10 GHz 20log (3.7 m / 3.0 m) = 1.83 dB

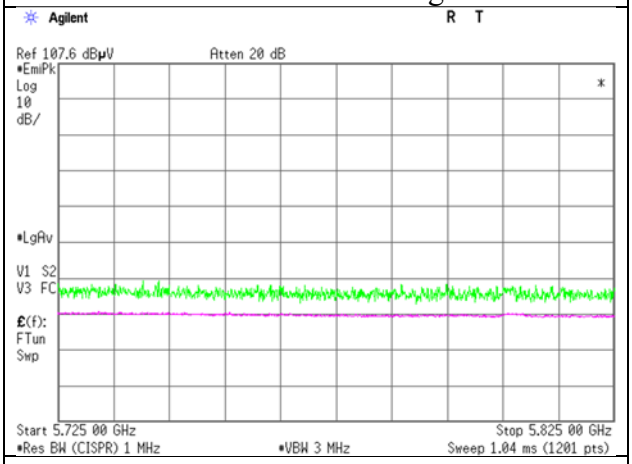
Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 11, 2023
Temperature / Humidity	23 deg. C / 43 % RH
Engineer	Tetsuro Yoshida
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5610 MHz (26-tone RU)

RU Index 36

Horizontal

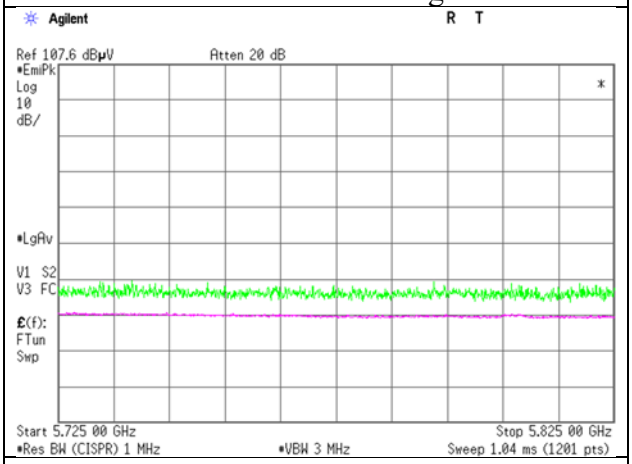
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

Vertical

Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions. Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 11, 2023
Temperature / Humidity	23 deg. C / 43 % RH
Engineer	Tetsuro Yoshida
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5610 MHz (52-tone RU)

RU Index 52

Polarity [Hori/Vert]	Frequency [MHz]	Reading (QP / PK) [dBuV]	Reading (AV) [dBuV]	Ant. Factor [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result (QP / PK) [dBuV/m]	Result (AV) [dBuV/m]	Limit (QP / PK) [dBuV/m]	Limit (AV) [dBuV/m]	Margin (QP / PK) [dB]	Margin (AV) [dB]	Remark
Hori.	5725.0	46.0	-	32.1	5.8	33.9	-	50.0	-	68.2	-	18.2	-	
Vert.	5725.0	45.4	-	32.1	5.8	33.9	-	49.4	-	68.2	-	18.8	-	

Result (QP / PK) = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

Result (AV)= Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier) + Duty factor

*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

*QP detector was used up to 1GHz.

Distance factor: 1 GHz - 10 GHz 20log (3.7 m / 3.0 m) = 1.83 dB

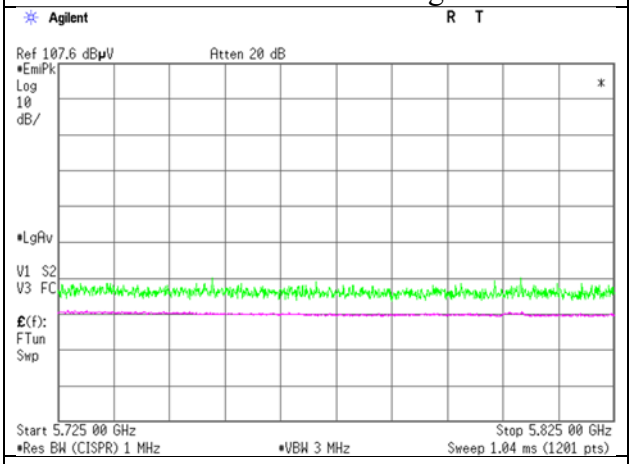
Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 11, 2023
Temperature / Humidity	23 deg. C / 43 % RH
Engineer	Tetsuro Yoshida
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5610 MHz (52-tone RU)

RU Index 52

Horizontal

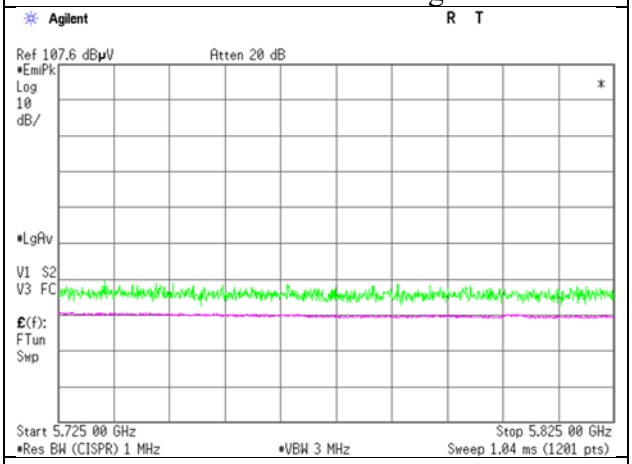
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

Vertical

Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions. Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 11, 2023
Temperature / Humidity	23 deg. C / 43 % RH
Engineer	Tetsuro Yoshida
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5610 MHz (106-tone RU)

RU Index 60

Polarity [Hori/Vert]	Frequency [MHz]	Reading (QP / PK) [dBuV]	Reading (AV) [dBuV]	Ant. Factor [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result (QP / PK) [dBuV/m]	Result (AV) [dBuV/m]	Limit (QP / PK) [dBuV/m]	Limit (AV) [dBuV/m]	Margin (QP / PK) [dB]	Margin (AV) [dB]	Remark
Hori.	5725.0	46.4	-	32.1	5.8	33.9	-	50.4	-	68.2	-	17.8	-	
Vert.	5725.0	45.5	-	32.1	5.8	33.9	-	49.5	-	68.2	-	18.7	-	

Result (QP / PK) = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

Result (AV)= Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier) + Duty factor

*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

*QP detector was used up to 1GHz.

Distance factor: 1 GHz - 10 GHz 20log (3.7 m / 3.0 m) = 1.83 dB

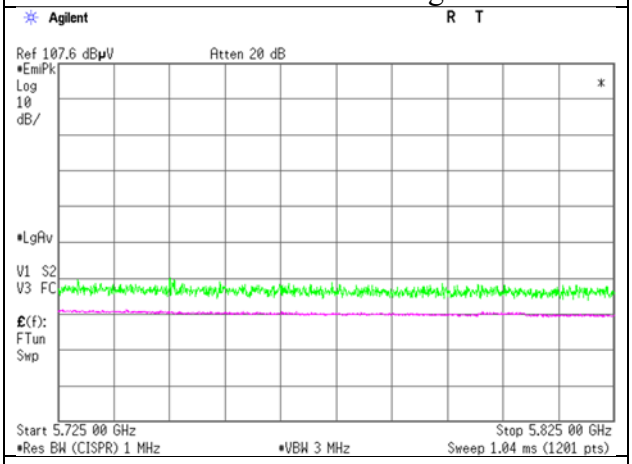
Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 11, 2023
Temperature / Humidity	23 deg. C / 43 % RH
Engineer	Tetsuro Yoshida
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5610 MHz (106-tone RU)

RU Index 60

Horizontal

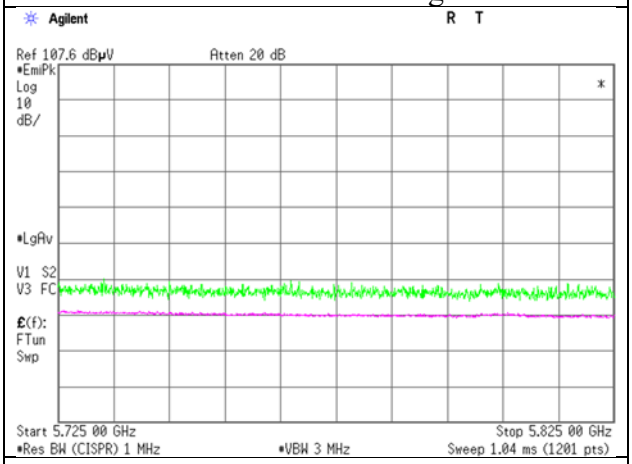
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

Vertical

Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions. Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 11, 2023
Temperature / Humidity	23 deg. C / 43 % RH
Engineer	Tetsuro Yoshida
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5610 MHz (242-tone RU)

RU Index 64

Polarity [Hori/Vert]	Frequency [MHz]	Reading (QP / PK) [dBuV]	Reading (AV) [dBuV]	Ant. Factor [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result (QP / PK) [dBuV/m]	Result (AV) [dBuV/m]	Limit (QP / PK) [dBuV/m]	Limit (AV) [dBuV/m]	Margin (QP / PK) [dB]	Margin (AV) [dB]	Remark
Hori.	5725.0	51.0	-	32.1	5.8	33.9	-	55.0	-	68.2	-	13.2	-	
Vert.	5725.0	49.6	-	32.1	5.8	33.9	-	53.6	-	68.2	-	14.6	-	

Result (QP / PK) = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

Result (AV)= Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier) + Duty factor

*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

*QP detector was used up to 1GHz.

Distance factor: 1 GHz - 10 GHz 20log (3.7 m / 3.0 m) = 1.83 dB

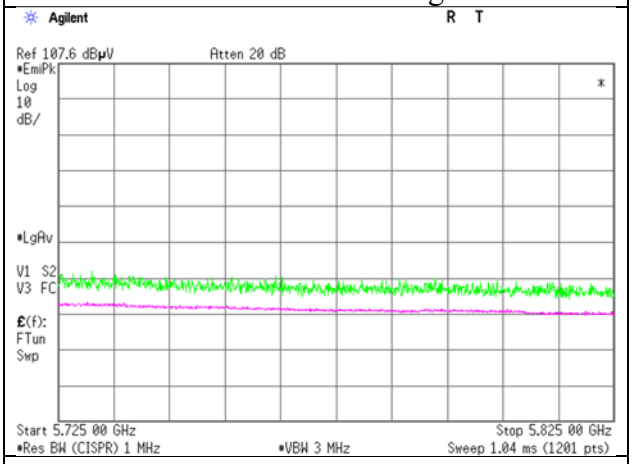
Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 11, 2023
Temperature / Humidity	23 deg. C / 43 % RH
Engineer	Tetsuro Yoshida
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5610 MHz (242-tone RU)

RU Index 64

Horizontal

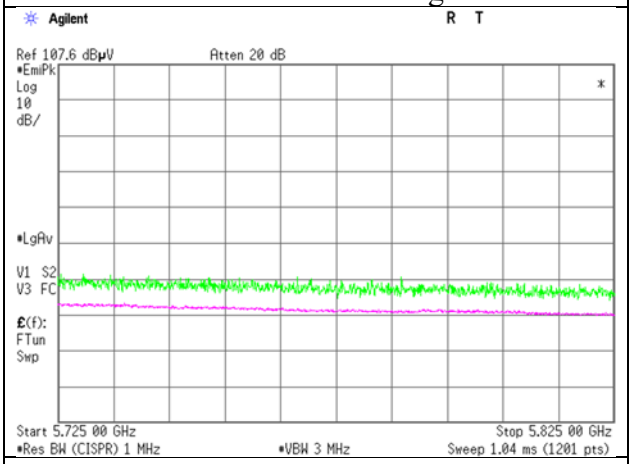
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

Vertical

Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions. Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 11, 2023
Temperature / Humidity	23 deg. C / 43 % RH
Engineer	Tetsuro Yoshida
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5610 MHz (484-tone RU)

RU Index 66

Polarity [Hori/Vert]	Frequency [MHz]	Reading (QP / PK) [dBuV]	Reading (AV) [dBuV]	Ant. Factor [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result (QP / PK) [dBuV/m]	Result (AV) [dBuV/m]	Limit (QP / PK) [dBuV/m]	Limit (AV) [dBuV/m]	Margin (QP / PK) [dB]	Margin (AV) [dB]	Remark
Hori.	5725.0	50.2	-	32.1	5.8	33.9	-	54.2	-	68.2	-	14.1	-	
Vert.	5725.0	49.2	-	32.1	5.8	33.9	-	53.2	-	68.2	-	15.0	-	

Result (QP / PK) = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

Result (AV)= Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier) + Duty factor

*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

*QP detector was used up to 1GHz.

Distance factor: 1 GHz - 10 GHz 20log (3.7 m / 3.0 m) = 1.83 dB

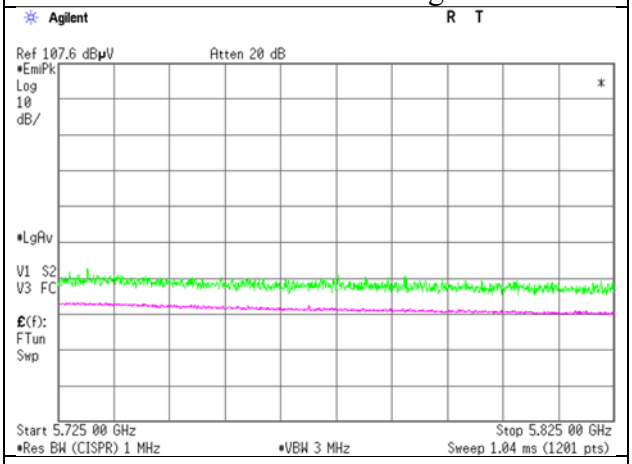
Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 11, 2023
Temperature / Humidity	23 deg. C / 43 % RH
Engineer	Tetsuro Yoshida
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5610 MHz (484-tone RU)

RU Index 66

Horizontal

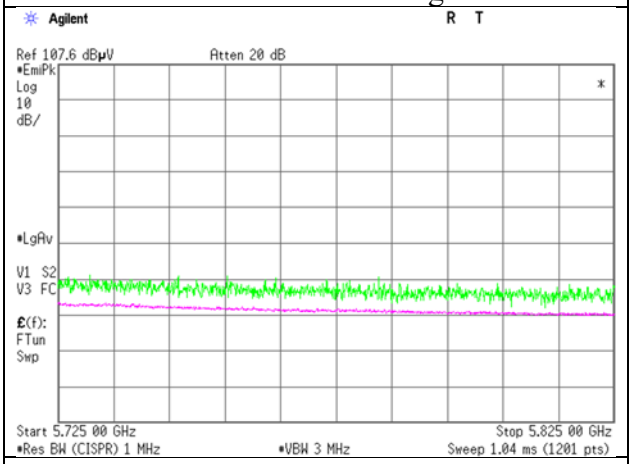
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

Vertical

Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions. Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 11, 2023
Temperature / Humidity	23 deg. C / 43 % RH
Engineer	Tetsuro Yoshida
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5610 MHz (996-tone RU)

RU Index 67

Polarity [Hori/Vert]	Frequency [MHz]	Reading (QP / PK) [dBuV]	Reading (AV) [dBuV]	Ant. Factor [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result (QP / PK) [dBuV/m]	Result (AV) [dBuV/m]	Limit (QP / PK) [dBuV/m]	Limit (AV) [dBuV/m]	Margin (QP / PK) [dB]	Margin (AV) [dB]	Remark
Hori.	5725.0	48.8	-	32.1	5.8	33.9	-	52.8	-	68.2	-	15.4	-	
Vert.	5725.0	47.4	-	32.1	5.8	33.9	-	51.4	-	68.2	-	16.8	-	

Result (QP / PK) = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

Result (AV)= Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier) + Duty factor

*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

*QP detector was used up to 1GHz.

Distance factor: 1 GHz - 10 GHz 20log (3.7 m / 3.0 m) = 1.83 dB

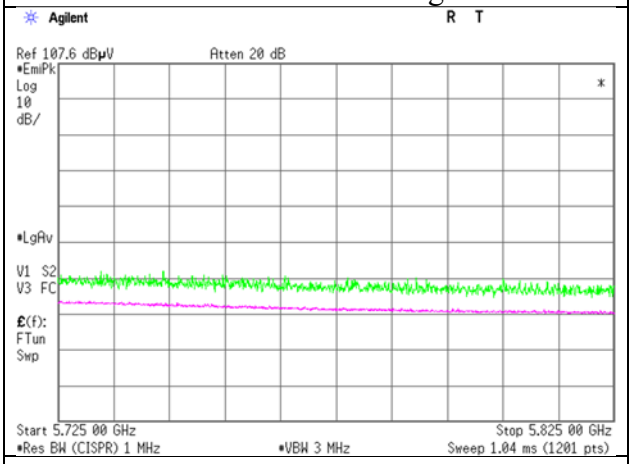
Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 11, 2023
Temperature / Humidity	23 deg. C / 43 % RH
Engineer	Tetsuro Yoshida
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5610 MHz (996-tone RU)

RU Index 67

Horizontal

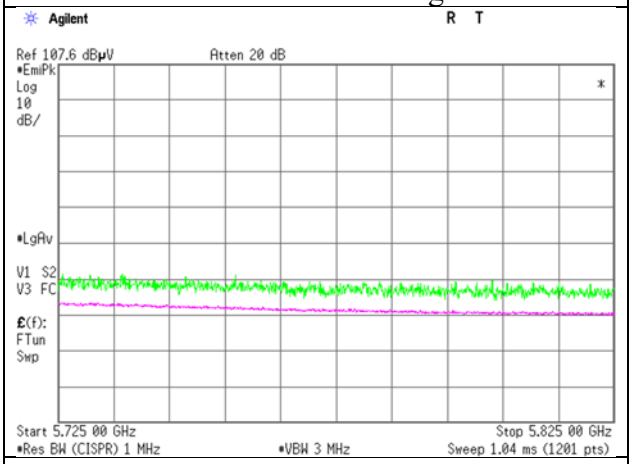
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

Vertical

Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions. Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 11, 2023
Temperature / Humidity	23 deg. C / 43 % RH
Engineer	Tetsuro Yoshida
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5775 MHz (26-tone RU)

RU Index 0

Polarity [Hori/Vert]	Frequency [MHz]	Reading (QP / PK) [dBuV]	Reading (AV) [dBuV]	Ant. Factor [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result (QP / PK) [dBuV/m]	Result (AV) [dBuV/m]	Limit (QP / PK) [dBuV/m]	Limit (AV) [dBuV/m]	Margin (QP / PK) [dB]	Margin (AV) [dB]	Remark
Hori.	5650.0	43.9	-	31.9	5.8	33.9	-	47.7	-	68.2	-	20.5	-	
Hori.	5700.0	44.7	-	32.0	5.8	33.9	-	48.6	-	105.2	-	56.6	-	
Hori.	5720.0	47.7	-	32.0	5.8	33.9	-	51.6	-	110.8	-	59.2	-	
Hori.	5725.0	48.5	-	32.1	5.8	33.9	-	52.4	-	122.2	-	69.8	-	
Vert.	5650.0	43.2	-	31.9	5.8	33.9	-	47.0	-	68.2	-	21.2	-	
Vert.	5700.0	43.5	-	32.0	5.8	33.9	-	47.4	-	105.2	-	57.8	-	
Vert.	5720.0	46.7	-	32.0	5.8	33.9	-	50.7	-	110.8	-	60.1	-	
Vert.	5725.0	47.7	-	32.1	5.8	33.9	-	51.7	-	122.2	-	70.6	-	

Result (QP / PK) = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

Result (AV)= Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier) + Duty factor

*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

*QP detector was used up to 1GHz.

Distance factor: 1 GHz - 10 GHz 20log (3.7 m / 3.0 m) = 1.83 dB

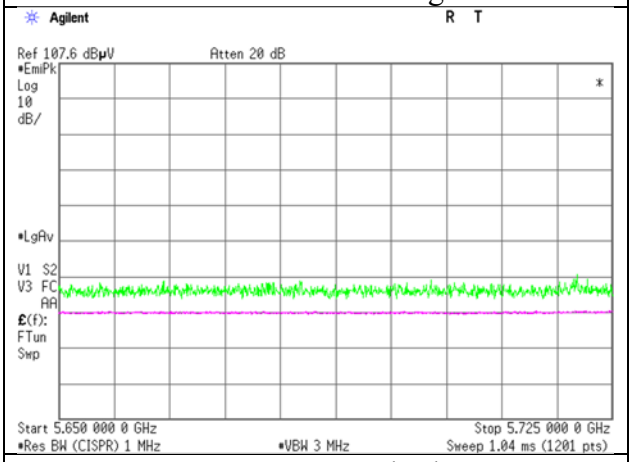
Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 11, 2023
Temperature / Humidity	23 deg. C / 43 % RH
Engineer	Tetsuro Yoshida
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5775 MHz (26-tone RU)

RU Index 0

Horizontal

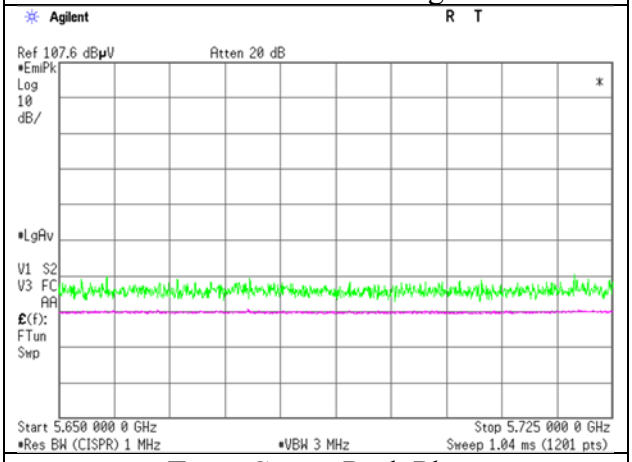
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

Vertical

Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions. Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 11, 2023
Temperature / Humidity	23 deg. C / 43 % RH
Engineer	Tetsuro Yoshida
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5775 MHz (52-tone RU)

RU Index 37

Polarity [Hori/Vert]	Frequency [MHz]	Reading (QP / PK) [dBuV]	Reading (AV) [dBuV]	Ant. Factor [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result (QP / PK) [dBuV/m]	Result (AV) [dBuV/m]	Limit (QP / PK) [dBuV/m]	Limit (AV) [dBuV/m]	Margin (QP / PK) [dB]	Margin (AV) [dB]	Remark
Hori.	5650.0	45.5	-	31.9	5.8	33.9	-	49.3	-	68.2	-	18.9	-	
Hori.	5700.0	46.1	-	32.0	5.8	33.9	-	50.0	-	105.2	-	55.2	-	
Hori.	5720.0	49.5	-	32.0	5.8	33.9	-	53.4	-	110.8	-	57.4	-	
Hori.	5725.0	49.8	-	32.1	5.8	33.9	-	53.8	-	122.2	-	68.4	-	
Vert.	5650.0	45.2	-	31.9	5.8	33.9	-	49.0	-	68.2	-	19.2	-	
Vert.	5700.0	45.5	-	32.0	5.8	33.9	-	49.4	-	105.2	-	55.8	-	
Vert.	5720.0	48.7	-	32.0	5.8	33.9	-	52.7	-	110.8	-	58.1	-	
Vert.	5725.0	49.0	-	32.1	5.8	33.9	-	53.0	-	122.2	-	69.2	-	

Result (QP / PK) = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

Result (AV)= Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier) + Duty factor

*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

*QP detector was used up to 1GHz.

Distance factor: 1 GHz - 10 GHz 20log (3.7 m / 3.0 m) = 1.83 dB

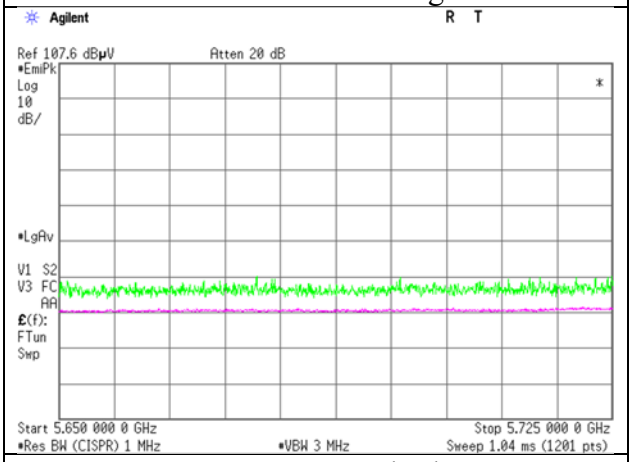
Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 11, 2023
Temperature / Humidity	23 deg. C / 43 % RH
Engineer	Tetsuro Yoshida
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5775 MHz (52-tone RU)

RU Index 37

Horizontal

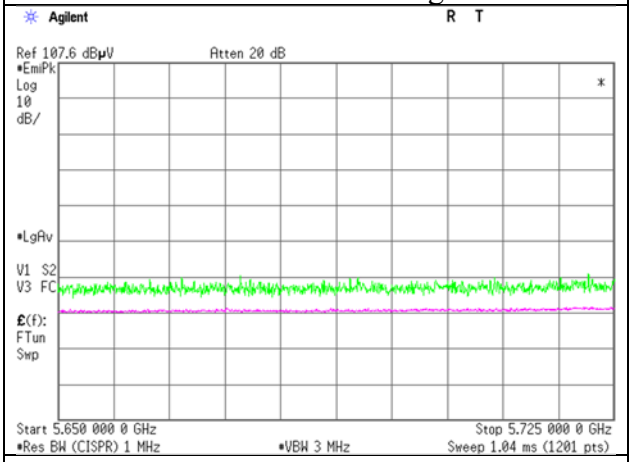
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

Vertical

Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions. Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 11, 2023
Temperature / Humidity	23 deg. C / 43 % RH
Engineer	Tetsuro Yoshida
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5775 MHz (106-tone RU)

RU Index 53

Polarity [Hori/Vert]	Frequency [MHz]	Reading (QP / PK) [dBuV]	Reading (AV) [dBuV]	Ant. Factor [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result (QP / PK) [dBuV/m]	Result (AV) [dBuV/m]	Limit (QP / PK) [dBuV/m]	Limit (AV) [dBuV/m]	Margin (QP / PK) [dB]	Margin (AV) [dB]	Remark
Hori.	5650.0	47.1	-	31.9	5.8	33.9	-	50.9	-	68.2	-	17.3	-	
Hori.	5700.0	48.2	-	32.0	5.8	33.9	-	52.1	-	105.2	-	53.1	-	
Hori.	5720.0	52.1	-	32.0	5.8	33.9	-	56.1	-	110.8	-	54.7	-	
Hori.	5725.0	53.0	-	32.1	5.8	33.9	-	57.0	-	122.2	-	65.2	-	
Vert.	5650.0	46.8	-	31.9	5.8	33.9	-	50.6	-	68.2	-	17.6	-	
Vert.	5700.0	47.6	-	32.0	5.8	33.9	-	51.5	-	105.2	-	53.7	-	
Vert.	5720.0	50.9	-	32.0	5.8	33.9	-	54.9	-	110.8	-	55.9	-	
Vert.	5725.0	50.5	-	32.1	5.8	33.9	-	54.4	-	122.2	-	67.8	-	

Result (QP / PK) = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

Result (AV)= Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier) + Duty factor

*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

*QP detector was used up to 1GHz.

Distance factor: 1 GHz - 10 GHz 20log (3.7 m / 3.0 m) = 1.83 dB

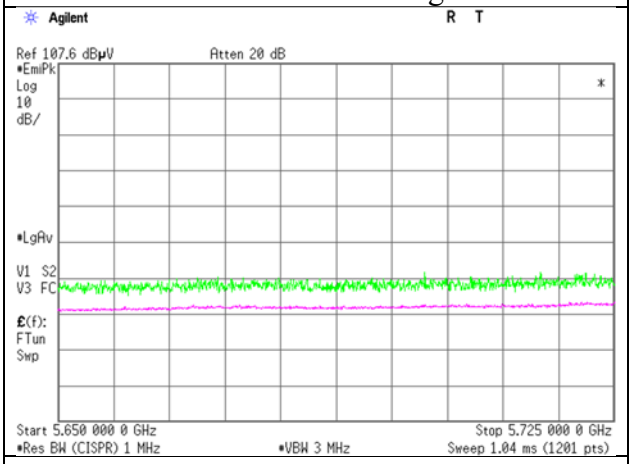
Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 11, 2023
Temperature / Humidity	23 deg. C / 43 % RH
Engineer	Tetsuro Yoshida
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5775 MHz (106-tone RU)

RU Index 53

Horizontal

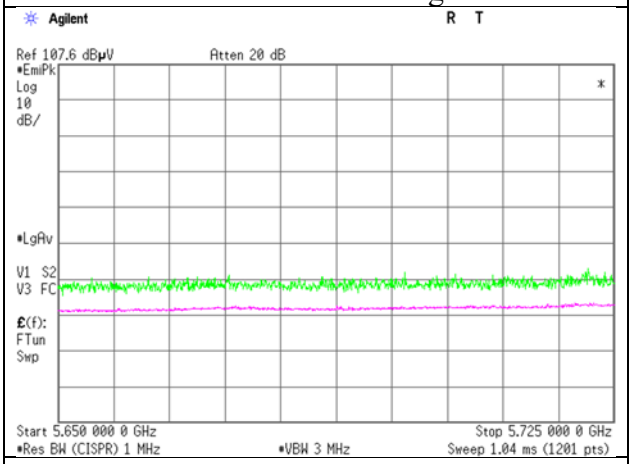
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

Vertical

Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions. Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 11, 2023
Temperature / Humidity	23 deg. C / 43 % RH
Engineer	Tetsuro Yoshida
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5775 MHz (242-tone RU)

RU Index 61

Polarity [Hori/Vert]	Frequency [MHz]	Reading (QP / PK) [dBuV]	Reading (AV) [dBuV]	Ant. Factor [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result (QP / PK) [dBuV/m]	Result (AV) [dBuV/m]	Limit (QP / PK) [dBuV/m]	Limit (AV) [dBuV/m]	Margin (QP / PK) [dB]	Margin (AV) [dB]	Remark
Hori.	5650.0	49.3	-	31.9	5.8	33.9	-	53.1	-	68.2	-	15.1	-	
Hori.	5700.0	51.3	-	32.0	5.8	33.9	-	55.2	-	105.2	-	50.0	-	
Hori.	5720.0	54.2	-	32.0	5.8	33.9	-	58.1	-	110.8	-	52.7	-	
Hori.	5725.0	56.0	-	32.1	5.8	33.9	-	60.0	-	122.2	-	62.3	-	
Vert.	5650.0	48.3	-	31.9	5.8	33.9	-	52.2	-	68.2	-	16.1	-	
Vert.	5700.0	47.6	-	32.0	5.8	33.9	-	51.5	-	105.2	-	53.7	-	
Vert.	5720.0	54.0	-	32.0	5.8	33.9	-	57.9	-	110.8	-	52.9	-	
Vert.	5725.0	53.4	-	32.1	5.8	33.9	-	57.4	-	122.2	-	64.8	-	

Result (QP / PK) = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

Result (AV)= Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier) + Duty factor

*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

*QP detector was used up to 1GHz.

Distance factor: 1 GHz - 10 GHz 20log (3.7 m / 3.0 m) = 1.83 dB

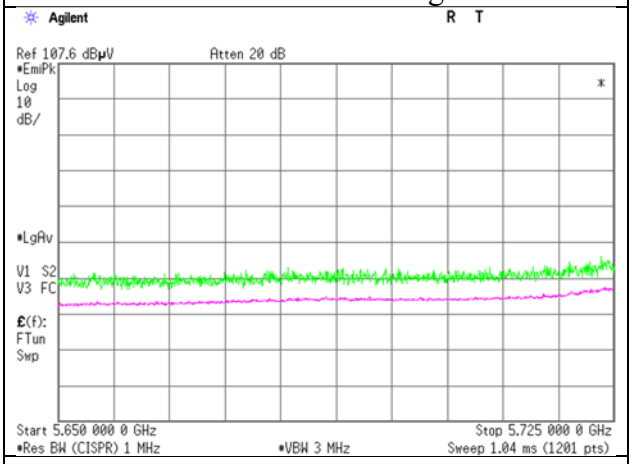
Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 11, 2023
Temperature / Humidity	23 deg. C / 43 % RH
Engineer	Tetsuro Yoshida
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5775 MHz (242-tone RU)

RU Index 61

Horizontal

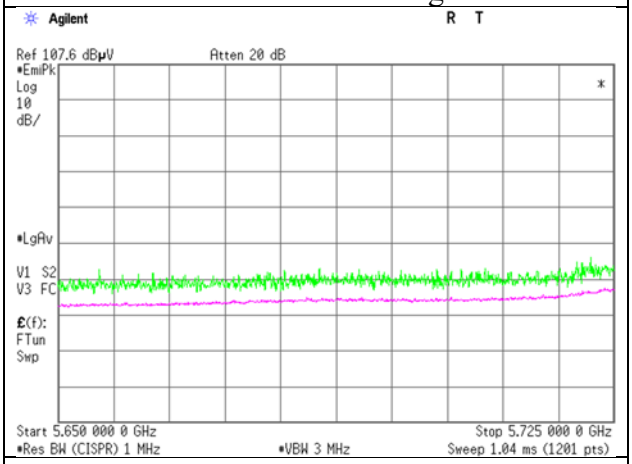
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

Vertical

Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions. Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 11, 2023
Temperature / Humidity	23 deg. C / 43 % RH
Engineer	Tetsuro Yoshida
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5775 MHz (484-tone RU)

RU Index 65

Polarity [Hori/Vert]	Frequency [MHz]	Reading (QP / PK) [dBuV]	Reading (AV) [dBuV]	Ant. Factor [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result (QP / PK) [dBuV/m]	Result (AV) [dBuV/m]	Limit (QP / PK) [dBuV/m]	Limit (AV) [dBuV/m]	Margin (QP / PK) [dB]	Margin (AV) [dB]	Remark
Hori.	5650.0	49.6	-	31.9	5.8	33.9	-	53.4	-	68.2	-	14.8	-	
Hori.	5700.0	51.4	-	32.0	5.8	33.9	-	55.3	-	105.2	-	49.9	-	
Hori.	5720.0	57.6	-	32.0	5.8	33.9	-	61.5	-	110.8	-	49.3	-	
Hori.	5725.0	57.7	-	32.1	5.8	33.9	-	61.7	-	122.2	-	60.5	-	
Vert.	5650.0	48.2	-	31.9	5.8	33.9	-	52.1	-	68.2	-	16.2	-	
Vert.	5700.0	49.8	-	32.0	5.8	33.9	-	53.7	-	105.2	-	51.5	-	
Vert.	5720.0	55.0	-	32.0	5.8	33.9	-	59.0	-	110.8	-	51.8	-	
Vert.	5725.0	55.6	-	32.1	5.8	33.9	-	59.6	-	122.2	-	62.6	-	

Result (QP / PK) = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

Result (AV)= Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier) + Duty factor

*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

*QP detector was used up to 1GHz.

Distance factor: 1 GHz - 10 GHz 20log (3.7 m / 3.0 m) = 1.83 dB

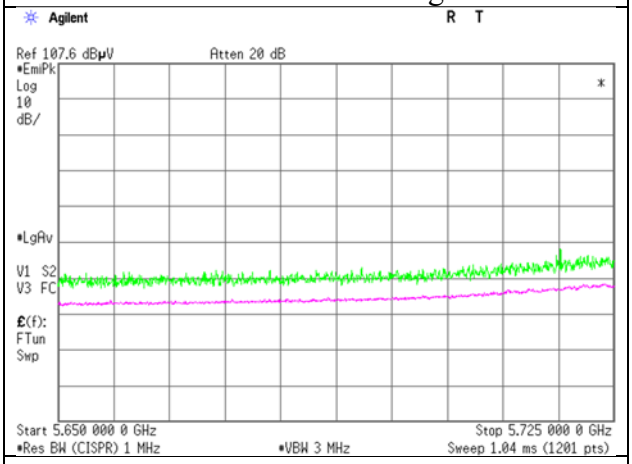
Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 11, 2023
Temperature / Humidity	23 deg. C / 43 % RH
Engineer	Tetsuro Yoshida
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5775 MHz (484-tone RU)

RU Index 65

Horizontal

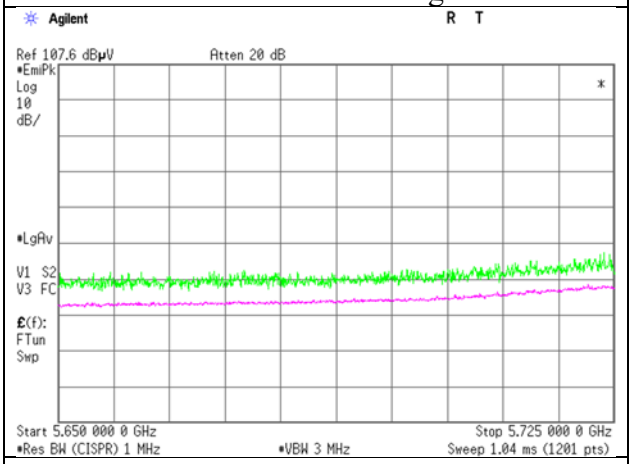
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

Vertical

Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions. Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 11, 2023
Temperature / Humidity	23 deg. C / 43 % RH
Engineer	Tetsuro Yoshida
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5775 MHz (26-tone RU)

RU Index 36

Polarity [Hori/Vert]	Frequency [MHz]	Reading (QP / PK) [dBuV]	Reading (AV) [dBuV]	Ant. Factor [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result (QP / PK) [dBuV/m]	Result (AV) [dBuV/m]	Limit (QP / PK) [dBuV/m]	Limit (AV) [dBuV/m]	Margin (QP / PK) [dB]	Margin (AV) [dB]	Remark
Hori.	5850.0	45.1	-	32.4	5.9	33.9	-	49.4	-	122.2	-	72.8	-	
Hori.	5855.0	44.6	-	32.4	5.9	33.9	-	48.9	-	110.8	-	61.9	-	
Hori.	5875.0	44.4	-	32.4	5.9	33.9	-	48.7	-	105.2	-	56.5	-	
Hori.	5925.0	43.2	-	32.5	5.9	33.9	-	47.6	-	68.2	-	20.6	-	
Vert.	5850.0	44.8	-	32.4	5.9	33.9	-	49.1	-	122.2	-	73.1	-	
Vert.	5855.0	44.3	-	32.4	5.9	33.9	-	48.6	-	110.8	-	62.2	-	
Vert.	5875.0	44.2	-	32.4	5.9	33.9	-	48.6	-	105.2	-	56.7	-	
Vert.	5925.0	43.0	-	32.5	5.9	33.9	-	47.4	-	68.2	-	20.8	-	

Result (QP / PK) = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

Result (AV)= Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier) + Duty factor

*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

*QP detector was used up to 1GHz.

Distance factor: 1 GHz - 10 GHz 20log (3.7 m / 3.0 m) = 1.83 dB

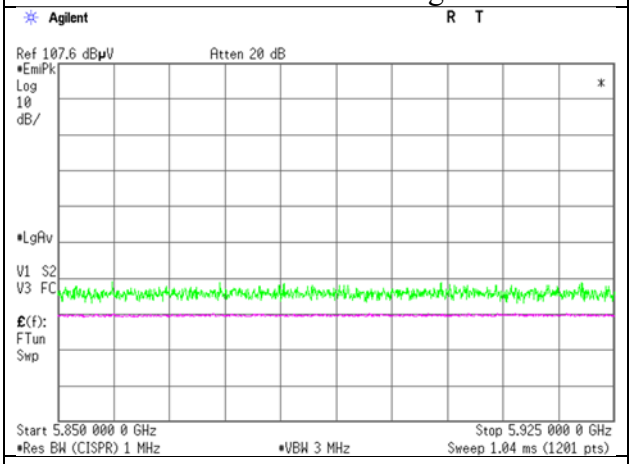
Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 11, 2023
Temperature / Humidity	23 deg. C / 43 % RH
Engineer	Tetsuro Yoshida
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5775 MHz (26-tone RU)

RU Index 36

Horizontal

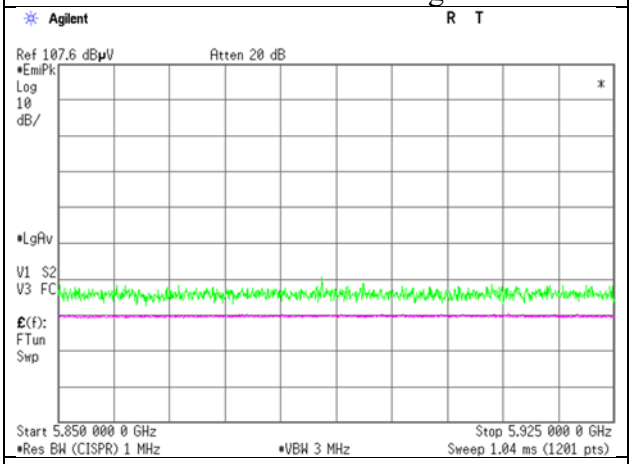
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

Vertical

Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions. Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 11, 2023
Temperature / Humidity	23 deg. C / 43 % RH
Engineer	Tetsuro Yoshida
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5775 MHz (52-tone RU)

RU Index 52

Polarity [Hori/Vert]	Frequency [MHz]	Reading (QP / PK) [dBuV]	Reading (AV) [dBuV]	Ant. Factor [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result (QP / PK) [dBuV/m]	Result (AV) [dBuV/m]	Limit (QP / PK) [dBuV/m]	Limit (AV) [dBuV/m]	Margin (QP / PK) [dB]	Margin (AV) [dB]	Remark
Hori.	5850.0	46.2	-	32.4	5.9	33.9	-	50.5	-	122.2	-	71.7	-	
Hori.	5855.0	45.5	-	32.4	5.9	33.9	-	49.8	-	110.8	-	61.0	-	
Hori.	5875.0	45.4	-	32.4	5.9	33.9	-	49.8	-	105.2	-	55.4	-	
Hori.	5925.0	44.4	-	32.5	5.9	33.9	-	48.8	-	68.2	-	19.4	-	
Vert.	5850.0	45.9	-	32.4	5.9	33.9	-	50.2	-	122.2	-	72.0	-	
Vert.	5855.0	45.1	-	32.4	5.9	33.9	-	49.4	-	110.8	-	61.4	-	
Vert.	5875.0	45.2	-	32.4	5.9	33.9	-	49.6	-	105.2	-	55.6	-	
Vert.	5925.0	43.9	-	32.5	5.9	33.9	-	48.3	-	68.2	-	19.9	-	

Result (QP / PK) = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

Result (AV)= Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier) + Duty factor

*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

*QP detector was used up to 1GHz.

Distance factor: 1 GHz - 10 GHz 20log (3.7 m / 3.0 m) = 1.83 dB

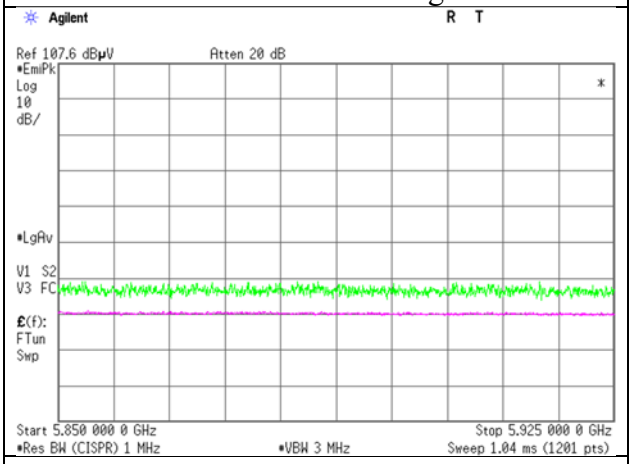
Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 11, 2023
Temperature / Humidity	23 deg. C / 43 % RH
Engineer	Tetsuro Yoshida
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5775 MHz (52-tone RU)

RU Index 52

Horizontal

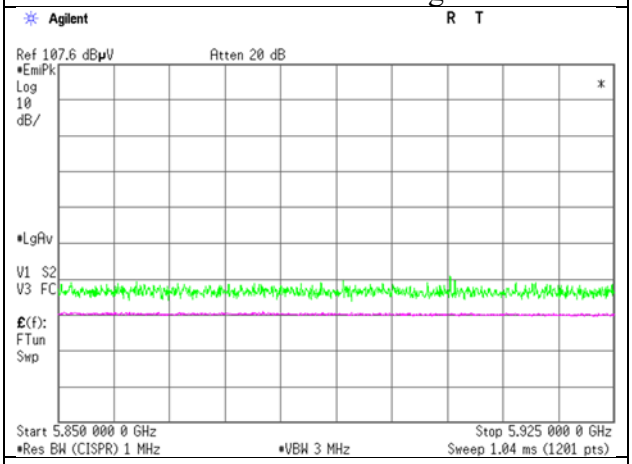
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

Vertical

Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions. Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 11, 2023
Temperature / Humidity	23 deg. C / 43 % RH
Engineer	Tetsuro Yoshida
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5775 MHz (106-tone RU)

RU Index 60

Polarity [Hori/Vert]	Frequency [MHz]	Reading (QP / PK) [dBuV]	Reading (AV) [dBuV]	Ant. Factor [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result (QP / PK) [dBuV/m]	Result (AV) [dBuV/m]	Limit (QP / PK) [dBuV/m]	Limit (AV) [dBuV/m]	Margin (QP / PK) [dB]	Margin (AV) [dB]	Remark
Hori.	5850.0	48.2	-	32.4	5.9	33.9	-	52.5	-	122.2	-	69.7	-	
Hori.	5855.0	47.8	-	32.4	5.9	33.9	-	52.2	-	110.8	-	58.7	-	
Hori.	5875.0	47.0	-	32.4	5.9	33.9	-	51.3	-	105.2	-	53.9	-	
Hori.	5925.0	45.2	-	32.5	5.9	33.9	-	49.6	-	68.2	-	18.6	-	
Vert.	5850.0	47.9	-	32.4	5.9	33.9	-	52.2	-	122.2	-	70.0	-	
Vert.	5855.0	47.2	-	32.4	5.9	33.9	-	51.5	-	110.8	-	59.3	-	
Vert.	5875.0	46.0	-	32.4	5.9	33.9	-	50.4	-	105.2	-	54.8	-	
Vert.	5925.0	44.3	-	32.5	5.9	33.9	-	48.7	-	68.2	-	19.5	-	

Result (QP / PK) = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

Result (AV)= Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier) + Duty factor

*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

*QP detector was used up to 1GHz.

Distance factor: 1 GHz - 10 GHz 20log (3.7 m / 3.0 m) = 1.83 dB

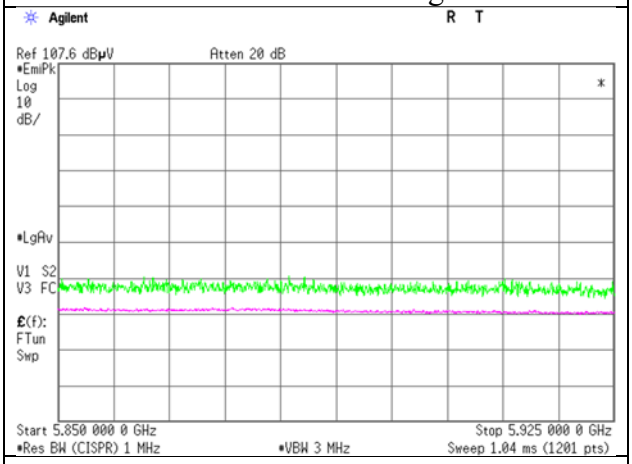
Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 11, 2023
Temperature / Humidity	23 deg. C / 43 % RH
Engineer	Tetsuro Yoshida
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5775 MHz (106-tone RU)

RU Index 60

Horizontal

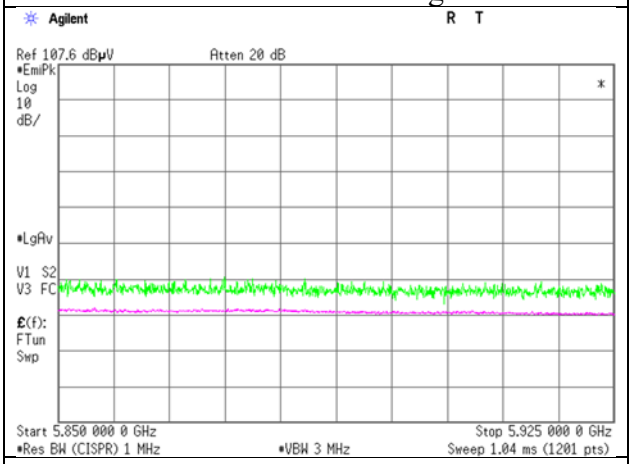
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

Vertical

Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions. Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 11, 2023
Temperature / Humidity	23 deg. C / 43 % RH
Engineer	Tetsuro Yoshida
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5775 MHz (242-tone RU)

RU Index 64

Polarity [Hori/Vert]	Frequency [MHz]	Reading (QP / PK) [dBuV]	Reading (AV) [dBuV]	Ant. Factor [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result (QP / PK) [dBuV/m]	Result (AV) [dBuV/m]	Limit (QP / PK) [dBuV/m]	Limit (AV) [dBuV/m]	Margin (QP / PK) [dB]	Margin (AV) [dB]	Remark
Hori.	5850.0	50.5	-	32.4	5.9	33.9	-	54.8	-	122.2	-	67.5	-	
Hori.	5855.0	49.9	-	32.4	5.9	33.9	-	54.2	-	110.8	-	56.6	-	
Hori.	5875.0	49.7	-	32.4	5.9	33.9	-	54.1	-	105.2	-	51.1	-	
Hori.	5925.0	46.7	-	32.5	5.9	33.9	-	51.1	-	68.2	-	17.1	-	
Vert.	5850.0	49.4	-	32.4	5.9	33.9	-	53.7	-	122.2	-	68.5	-	
Vert.	5855.0	49.5	-	32.4	5.9	33.9	-	53.8	-	110.8	-	57.0	-	
Vert.	5875.0	49.1	-	32.4	5.9	33.9	-	53.5	-	105.2	-	51.7	-	
Vert.	5925.0	45.9	-	32.5	5.9	33.9	-	50.3	-	68.2	-	17.9	-	

Result (QP / PK) = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

Result (AV)= Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier) + Duty factor

*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

*QP detector was used up to 1GHz.

Distance factor: 1 GHz - 10 GHz 20log (3.7 m / 3.0 m) = 1.83 dB

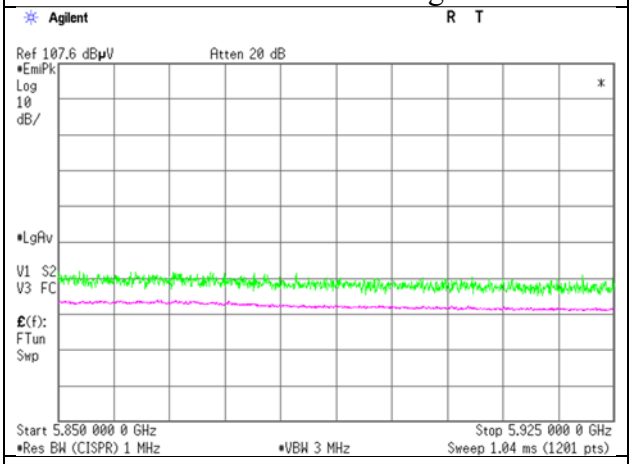
Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 11, 2023
Temperature / Humidity	23 deg. C / 43 % RH
Engineer	Tetsuro Yoshida
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5775 MHz (242-tone RU)

RU Index 64

Horizontal

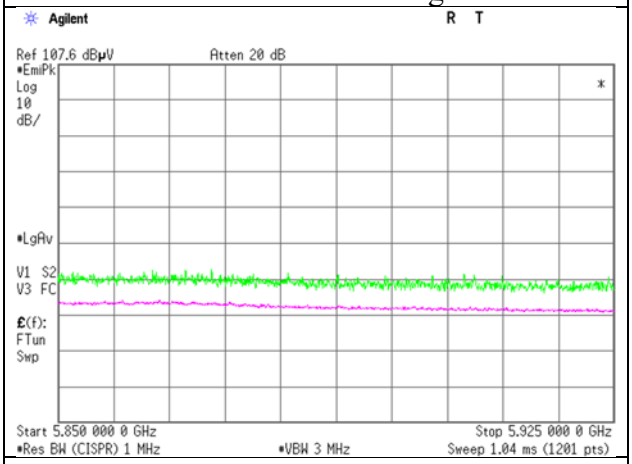
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

Vertical

Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions. Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 11, 2023
Temperature / Humidity	23 deg. C / 43 % RH
Engineer	Tetsuro Yoshida
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5775 MHz (484-tone RU)

RU Index 66

Polarity [Hori/Vert]	Frequency [MHz]	Reading (QP / PK) [dBuV]	Reading (AV) [dBuV]	Ant. Factor [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result (QP / PK) [dBuV/m]	Result (AV) [dBuV/m]	Limit (QP / PK) [dBuV/m]	Limit (AV) [dBuV/m]	Margin (QP / PK) [dB]	Margin (AV) [dB]	Remark
Hori.	5850.0	51.2	-	32.4	5.9	33.9	-	55.5	-	122.2	-	66.8	-	
Hori.	5855.0	50.7	-	32.4	5.9	33.9	-	55.0	-	110.8	-	55.8	-	
Hori.	5875.0	49.5	-	32.4	5.9	33.9	-	53.8	-	105.2	-	51.4	-	
Hori.	5925.0	46.8	-	32.5	5.9	33.9	-	51.2	-	68.2	-	17.0	-	
Vert.	5850.0	49.8	-	32.4	5.9	33.9	-	54.1	-	122.2	-	68.1	-	
Vert.	5855.0	49.4	-	32.4	5.9	33.9	-	53.7	-	110.8	-	57.1	-	
Vert.	5875.0	49.3	-	32.4	5.9	33.9	-	53.7	-	105.2	-	51.6	-	
Vert.	5925.0	45.3	-	32.5	5.9	33.9	-	49.7	-	68.2	-	18.5	-	

Result (QP / PK) = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

Result (AV)= Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier) + Duty factor

*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

*QP detector was used up to 1GHz.

Distance factor: 1 GHz - 10 GHz 20log (3.7 m / 3.0 m) = 1.83 dB

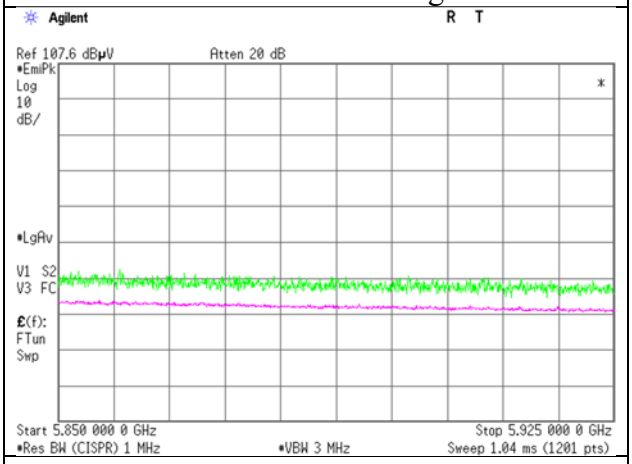
Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 11, 2023
Temperature / Humidity	23 deg. C / 43 % RH
Engineer	Tetsuro Yoshida
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5775 MHz (484-tone RU)

RU Index 66

Horizontal

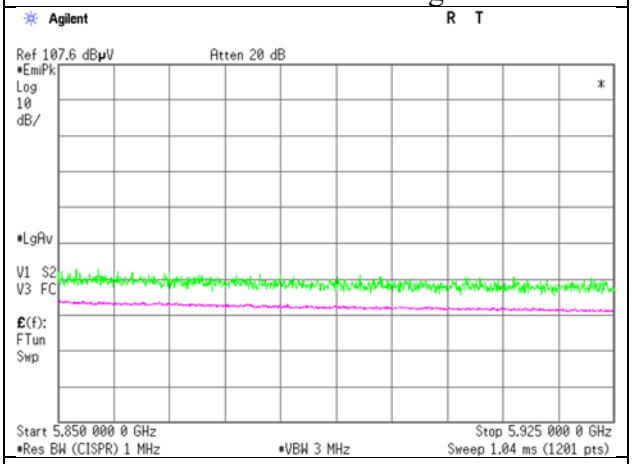
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

Vertical

Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions. Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 11, 2023
Temperature / Humidity	23 deg. C / 43 % RH
Engineer	Tetsuro Yoshida
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5775 MHz (996-tone RU)

RU Index 67

Polarity [Hori/Vert]	Frequency [MHz]	Reading (QP / PK) [dBuV]	Reading (AV) [dBuV]	Ant. Factor [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result (QP / PK) [dBuV/m]	Result (AV) [dBuV/m]	Limit (QP / PK) [dBuV/m]	Limit (AV) [dBuV/m]	Margin (QP / PK) [dB]	Margin (AV) [dB]	Remark
Hori.	5650.0	48.8	-	31.9	5.8	33.9	-	52.6	-	68.2	-	15.6	-	
Hori.	5700.0	53.1	-	32.0	5.8	33.9	-	57.0	-	105.2	-	48.2	-	
Hori.	5720.0	55.2	-	32.0	5.8	33.9	-	59.2	-	110.8	-	51.6	-	
Hori.	5725.0	55.4	-	32.1	5.8	33.9	-	59.4	-	122.2	-	62.8	-	
Hori.	5850.0	50.4	-	32.4	5.9	33.9	-	54.7	-	122.2	-	67.5	-	
Hori.	5855.0	50.2	-	32.4	5.9	33.9	-	54.5	-	110.8	-	56.3	-	
Hori.	5875.0	49.1	-	32.4	5.9	33.9	-	53.5	-	105.2	-	51.7	-	
Hori.	5925.0	47.1	-	32.5	5.9	33.9	-	51.5	-	68.2	-	16.7	-	
Vert.	5650.0	47.9	-	31.9	5.8	33.9	-	51.7	-	68.2	-	16.5	-	
Vert.	5700.0	52.2	-	32.0	5.8	33.9	-	56.1	-	105.2	-	49.1	-	
Vert.	5720.0	54.2	-	32.0	5.8	33.9	-	58.2	-	110.8	-	52.7	-	
Vert.	5725.0	54.4	-	32.1	5.8	33.9	-	58.4	-	122.2	-	63.9	-	
Vert.	5850.0	50.0	-	32.4	5.9	33.9	-	54.3	-	122.2	-	67.9	-	
Vert.	5855.0	49.5	-	32.4	5.9	33.9	-	53.8	-	110.8	-	57.0	-	
Vert.	5875.0	48.4	-	32.4	5.9	33.9	-	52.7	-	105.2	-	52.5	-	
Vert.	5925.0	46.3	-	32.5	5.9	33.9	-	50.7	-	68.2	-	17.5	-	

Result (QP / PK) = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

Result (AV)= Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier) + Duty factor

*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

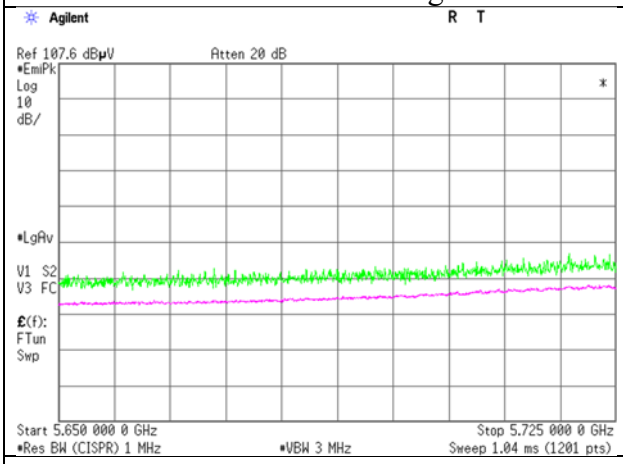
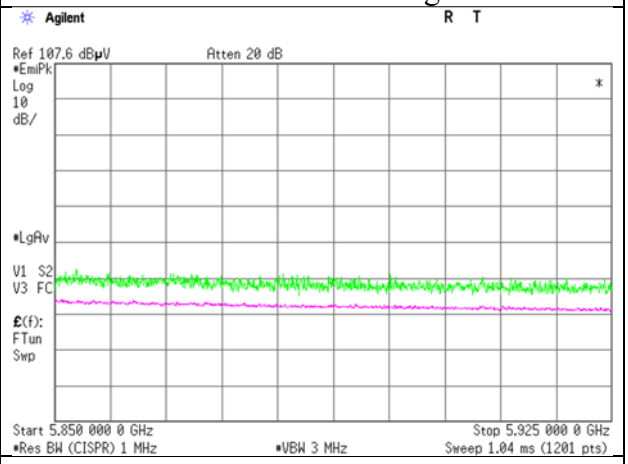
*QP detector was used up to 1GHz.

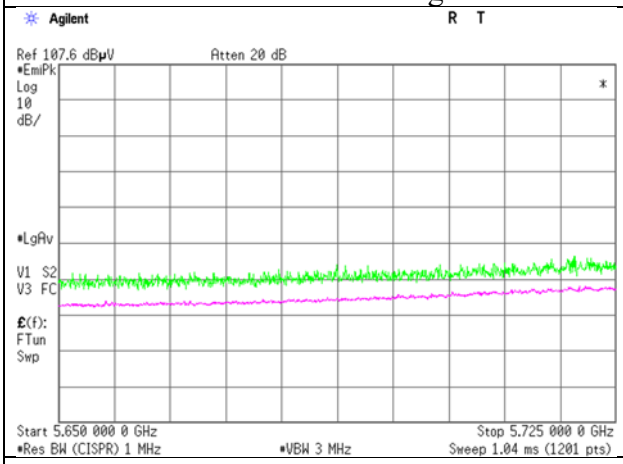
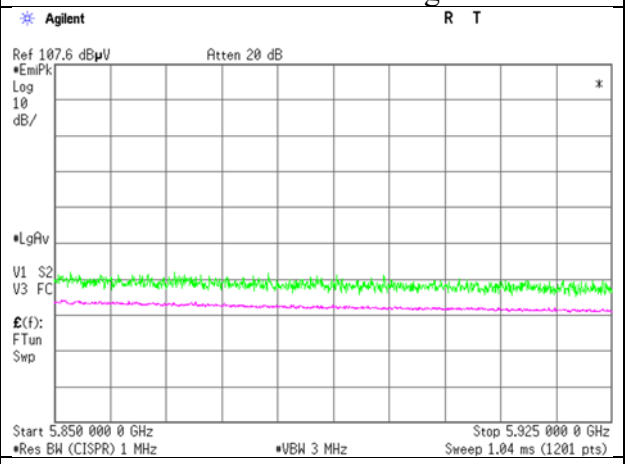
Distance factor: 1 GHz - 10 GHz 20log (3.7 m / 3.0 m) = 1.83 dB

Radiated Spurious Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 11, 2023
Temperature / Humidity	23 deg. C / 43 % RH
Engineer	Tetsuro Yoshida
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5775 MHz (996-tone RU)

RU Index 67

Horizontal	Horizontal
Restricted-band band-edge Plot	Restricted-band band-edge Plot
	
Trace Green: Peak Plot Trace Purple: Average Plot	Trace Green: Peak Plot Trace Purple: Average Plot

Vertical	Vertical
Restricted-band band-edge Plot	Restricted-band band-edge Plot
	
Trace Green: Peak Plot Trace Purple: Average Plot	Trace Green: Peak Plot Trace Purple: Average Plot

* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions. Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission
(WLAN + BT1)

Test place	Ise EMC Lab.				
Semi Anechoic Chamber	No.2	No.2	No.2	No.2	No.2
Date	January 12, 2023	January 13, 2023	January 15, 2023	January 15, 2023	January 16, 2023
Temperature / Humidity	22 deg. C / 43 % RH	20 deg. C / 50 % RH	18 deg. C / 51 % RH	21 deg. C / 42 % RH	21 deg. C / 45 % RH
Engineer	Kiyoshiro Okazaki	Yuichiro Yamazaki	Yuichiro Yamazaki	Kiyoshiro Okazaki	Kiyoshiro Okazaki
	(1 GHz - 10 GHz)	(10 GHz - 18 GHz)	(18 GHz - 26.5 GHz)	(26.5 GHz - 40 GHz)	(Below 1 GHz)
Mode	Tx 11ax-80 5530 MHz (996-tone RU) + BT1 3DH5 Hopping				

RU Index 67

Polarity [Hori/Vert]	Frequency [MHz]	Reading (QP / PK) [dBuV]	Reading (AV) [dBuV]	Ant. Factor [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result (QP / PK) [dBuV/m]	Result (AV) [dBuV/m]	Limit (QP / PK) [dBuV/m]	Limit (AV) [dBuV/m]	Margin (QP / PK) [dB]	Margin (AV) [dB]	Remark
Hori.	57.9	26.2	-	8.6	7.0	28.5	-	13.3	-	40.0	-	26.8	-	
Hori.	146.6	42.6	-	14.8	7.7	28.3	-	36.8	-	43.5	-	6.7	-	
Hori.	289.6	36.0	-	14.0	8.6	27.7	-	30.9	-	46.0	-	15.1	-	
Hori.	356.8	38.6	-	15.3	9.0	28.1	-	34.8	-	46.0	-	11.2	-	
Hori.	657.6	39.6	-	19.4	10.4	29.3	-	40.1	-	46.0	-	5.9	-	
Hori.	774.4	36.8	-	20.5	10.8	29.1	-	39.0	-	46.0	-	7.0	-	
Hori.	999.7	31.2	-	22.5	11.6	28.5	-	36.8	-	53.9	-	17.2	-	
Hori.	3087.0	51.3	-	28.6	4.7	34.6	-	50.0	-	68.2	-	18.2	-	
Hori.	5460.0	55.7	44.8	31.9	5.8	33.9	0.4	59.4	48.9	68.2	53.9	8.8	5.0	*1)
Hori.	5470.0	56.7	-	31.9	5.8	33.9	-	60.5	-	68.2	-	7.7	-	
Hori.	11060.0	44.2	34.9	40.0	-2.2	34.0	-	48.0	38.7	73.9	53.9	25.9	15.2	Floor noise
Hori.	16590.0	45.3	-	40.2	-0.5	33.4	-	51.7	-	68.2	-	16.5	-	Floor noise
Vert.	57.9	41.5	-	8.6	7.0	28.5	-	28.6	-	40.0	-	11.5	-	
Vert.	146.6	39.1	-	14.8	7.7	28.3	-	33.3	-	43.5	-	10.2	-	
Vert.	289.6	40.3	-	14.0	8.6	27.7	-	35.2	-	46.0	-	10.8	-	
Vert.	356.8	40.1	-	15.3	9.0	28.1	-	36.3	-	46.0	-	9.7	-	
Vert.	657.6	38.9	-	19.4	10.4	29.3	-	39.4	-	46.0	-	6.6	-	
Vert.	774.4	36.0	-	20.5	10.8	29.1	-	38.2	-	46.0	-	7.8	-	
Vert.	999.7	33.2	-	22.5	11.6	28.5	-	38.8	-	53.9	-	15.2	-	
Vert.	3087.0	50.2	-	28.6	4.7	34.6	-	48.9	-	68.2	-	19.3	-	
Vert.	5460.0	55.3	44.5	31.9	5.8	33.9	0.4	59.1	48.7	68.2	53.9	9.1	5.2	*1)
Vert.	5470.0	56.5	-	31.9	5.8	33.9	-	60.3	-	68.2	-	7.9	-	
Vert.	11060.0	44.5	35.0	40.0	-2.2	34.0	-	48.3	38.8	73.9	53.9	25.6	15.1	Floor noise
Vert.	16590.0	45.2	-	40.2	-0.5	33.4	-	51.6	-	68.2	-	16.6	-	Floor noise

Result (QP / PK) = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier)

Result (AV)= Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 1 GHz)) - Gain(Amplifier) + Duty factor

*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

*QP detector was used up to 1GHz.

*1) Not Out of Band emission(Leakage Power)

Distance factor:	1 GHz - 10 GHz	20log (3.7 m / 3.0 m) = 1.83 dB
	10 GHz - 40 GHz	20log (1.0 m / 3.0 m) = -9.5 dB

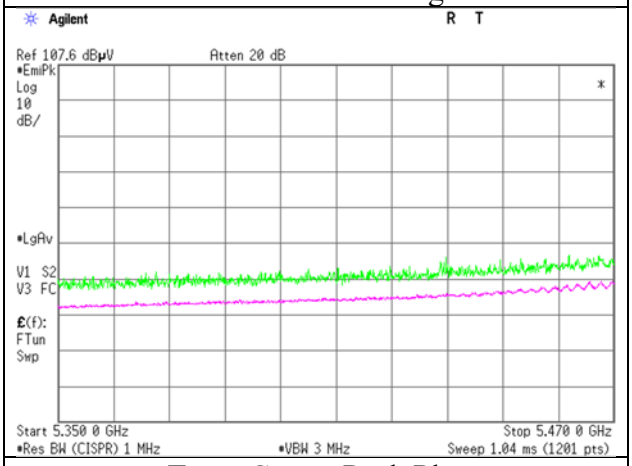
Radiated Spurious Emission
(WLAN + BT1)

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.2
Date	January 12, 2023
Temperature / Humidity	22 deg. C / 43 % RH
Engineer	Kiyoshiro Okazaki
	(1 GHz - 10 GHz)
Mode	Tx 11ax-80 5530 MHz (996-tone RU) + BT1 3DH5 Hopping

RU Index 65

Horizontal

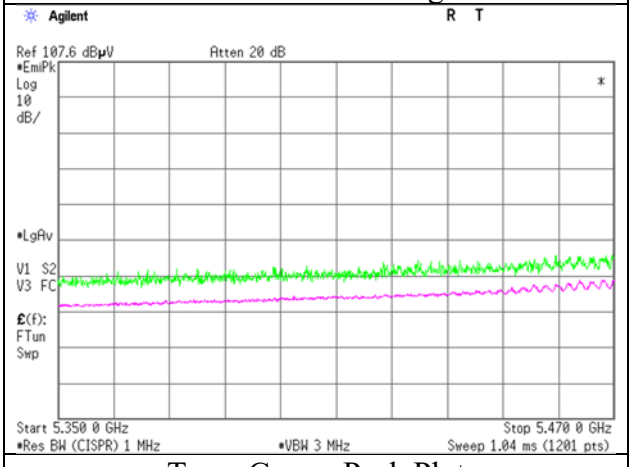
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

Vertical

Restricted-band band-edge Plot

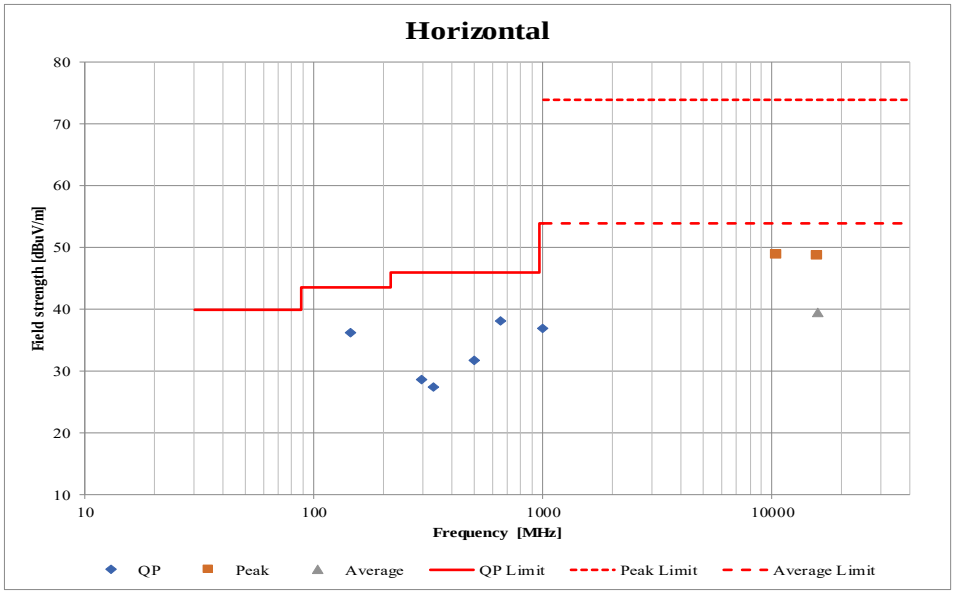


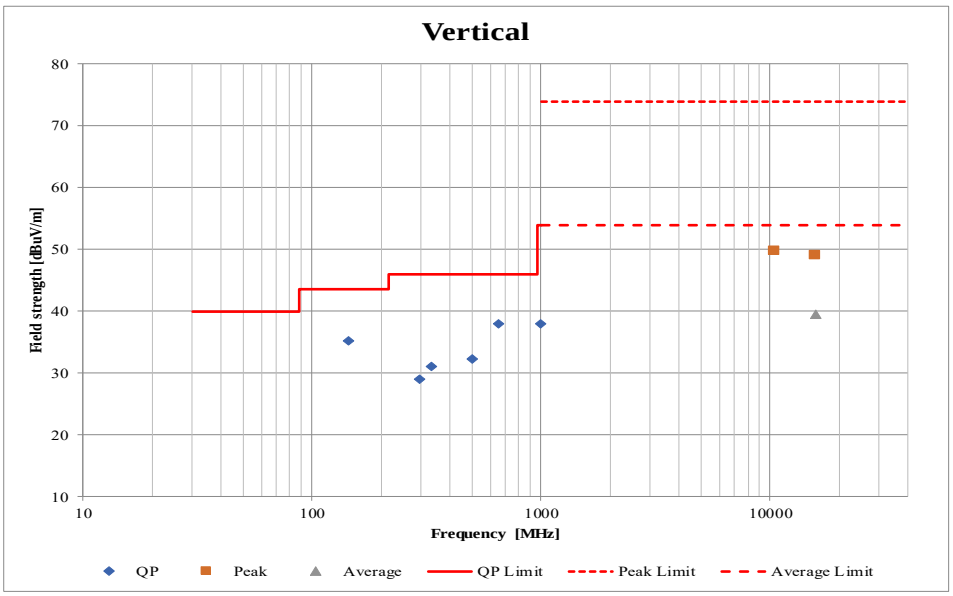
Trace Green: Peak Plot
Trace Purple: Average Plot

* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions. Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission
(Plot data, Worst case mode for Maximum Conducted Output Power)

Test place	Ise EMC Lab.				
Semi Anechoic Chamber	No.2	No.2	No.2	No.2	No.2
Date	January 8, 2023	January 13, 2023	January 15, 2023	January 15, 2023	January 16, 2023
Temperature / Humidity	20 deg. C / 50 % RH	20 deg. C / 50 % RH	18 deg. C / 51 % RH	21 deg. C / 42 % RH	18 deg. C / 52 % RH
Engineer	Nachi Konegawa	Yuichiro Yamazaki	Yuichiro Yamazaki	Kiyoshiro Okazaki	Hiroki Numata
	(1 GHz - 10 GHz)	(10 GHz - 18 GHz)	(18 GHz - 26.5 GHz)	(26.5 GHz - 40 GHz)	(Below 1 GHz)
Mode	Tx 11ax-20 5260 MHz (OFDM)				





*These plots data contains sufficient number to show the trend of characteristic features for EUT.

APPENDIX 2: Test Instruments

Test Equipment

Test Item	Local ID	LIMS ID	Description	Manufacturer	Model	Serial	Last Calibration Date	Cal Int
RE	COTS-MEMI-02	178648	EMI measurement program	TSJ (Techno Science Japan)	TEPTO-DV	-	-	-
RE	MAEC-02	142004	AC2_Semi Anechoic Chamber(NSA)	TDK	Semi Anechoic Chamber 3m	DA-06902	05/30/2022	24
RE	MAEC-02-SVSWR	142006	AC2_Semi Anechoic Chamber(SVSWR)	TDK	Semi Anechoic Chamber 3m	DA-06902	04/09/2021	24
RE	MAT-112	220646	Attenuator	Huber+Suhner	6806_N-50-1	-	06/07/2022	12
RE	MBA-08	141427	Biconical Antenna	Schwarzbeck Mess-Elektronik OHG	VHA9103B+ BBA9106	08031	07/30/2022	12
RE	MCC-12	141317	Coaxial Cable	UL Japan	-	-	09/27/2022	12
RE	MCC-176	141279	Microwave Cable	Junkosha	MMX221-00500DMSDMS	1502S303	03/15/2022	12
RE	MCC-218	141394	Microwave Cable	Junkosha	MWX221	1607S141(1 m) / 1608S264(5 m)	09/12/2022	12
RE	MCC-224	160324	Coaxial Cable	Huber+Suhner	SUCOFLEX 102A	MY009/2A	10/19/2022	12
RE	MHA-02	141503	Horn Antenna 18-26.5GHz	EMCO	3160-09	1265	06/22/2022	12
RE	MHA-06	141512	Horn Antenna 1-18GHz	Schwarzbeck Mess-Elektronik OHG	BBHA9120D	254	10/20/2022	12
RE	MHA-17	141506	Horn Antenna 15-40GHz	Schwarzbeck Mess-Elektronik OHG	BBHA9170	BBHA9170307	07/22/2022	12
RE	MHF-16	141406	High Pass Filter 7-20GHz	TOKIMEC	TF37NCCA	7001	09/07/2022	12
RE	MJM-27	142228	Measure, Tape, Steel	KOMELON	KMC-36	-	-	-
RE	MLA-21	141265	Logperiodic Antenna (200-1000MHz)	Schwarzbeck Mess-Elektronik OHG	VUSLP9111B	9111B-190	07/30/2022	12
RE	MMM-01	141542	Digital Tester	Fluke Corporation	FLUKE 26-3	78030611	08/12/2022	12
RE	MOS-41	192300	Thermo-Hygrometer	CUSTOM. Inc	CTH-201	0013	12/17/2022	12
RE	MPA-10	141579	Pre Amplifier	Keysight Technologies Inc	8449B	3008A02142	02/22/2022	12
RE	MPA-24	141594	Pre Amplifier	Keysight Technologies Inc	8447D	2944A10150	02/25/2022	12
RE	MPA-33	220253	Broadband Amplifier	SAGE Millimeter, Inc.	SBB-0115033218-2F2F-E3	0001	05/13/2022	12
RE	MSA-04	141885	Spectrum Analyzer	Keysight Technologies Inc	E4448A	US44300523	11/21/2022	12
RE	MTR-03	141942	Test Receiver	Rohde & Schwarz	ESCI	100300	07/29/2022	12

***Hyphens for Last Calibration Date and Cal Int (month) are instruments that Calibration is not required (e.g. software), or instruments checked in advance before use.**

The expiration date of the calibration is the end of the expired month.
As for some calibrations performed after the tested dates, those test equipment have been controlled by means of an unbroken chains of calibrations.

All equipment is calibrated with valid calibrations. Each measurement data is traceable to the national or international standards.

Test item: RE: Radiated Emission