Annex E

This test report annex is electronically signed and valid without handwritten signature. For verification of the electronic signatures, the public keys can be requested at the testing laboratory.

Test report annex authorized:

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2022.06.22 13:36:55 +02'00'

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2 Measurement results, FCC Part 25, SRSP-101

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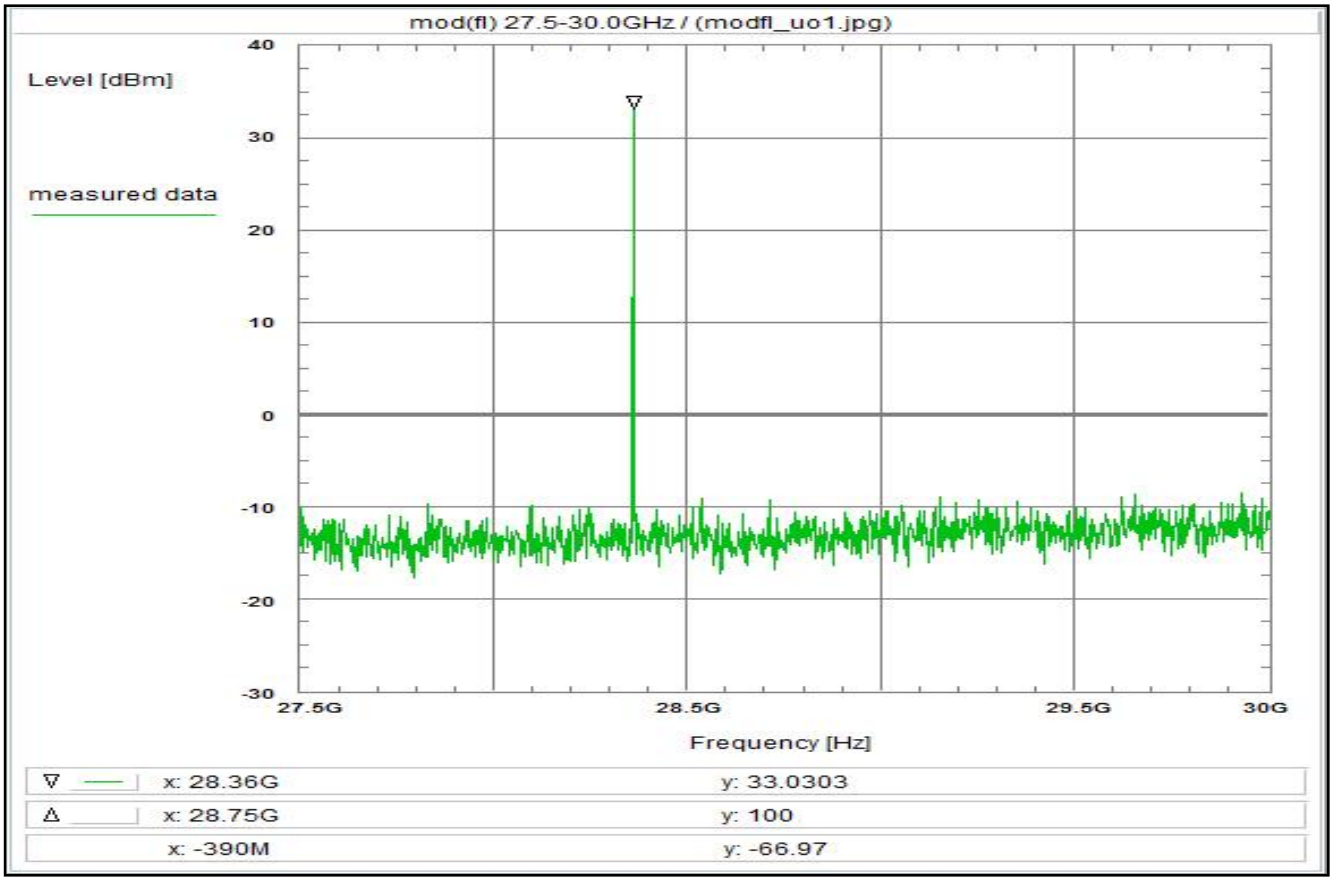
Plot No. 1



Subclause: -/- Function test
Modulated rf-carrier at the lower edge of the band (fl)
Measurement within the band

Limit:
no limits defined
This test serves to verify the general function of the EUT and for orientation regarding to the spurious emissions which are expected within the band, furthermore for comparison of the actual power with the rated value at modulated carrier adjusted as close to the lower edge of the operating frequency band.

Test results:
see plot (an explicit table was not generated)

Operating condition of DUT:
operating condition 1, see test report chapter 6.4

Test setup:
see test report chapter 7.2:

Test equipment:
see test report chapter 7.3: A031, C220, R001

Remark:

Test result: measurement for orientation

Environment condition:

Date & Time:	Fri 20/May/2022 14:12:25	
Location:	CTC advanced GmbH, Laboratory RC-SYS	
Temperature:	22	°C
Humidity:	55	%
Voltage:	230	Vac

Setup of measurement equipment:

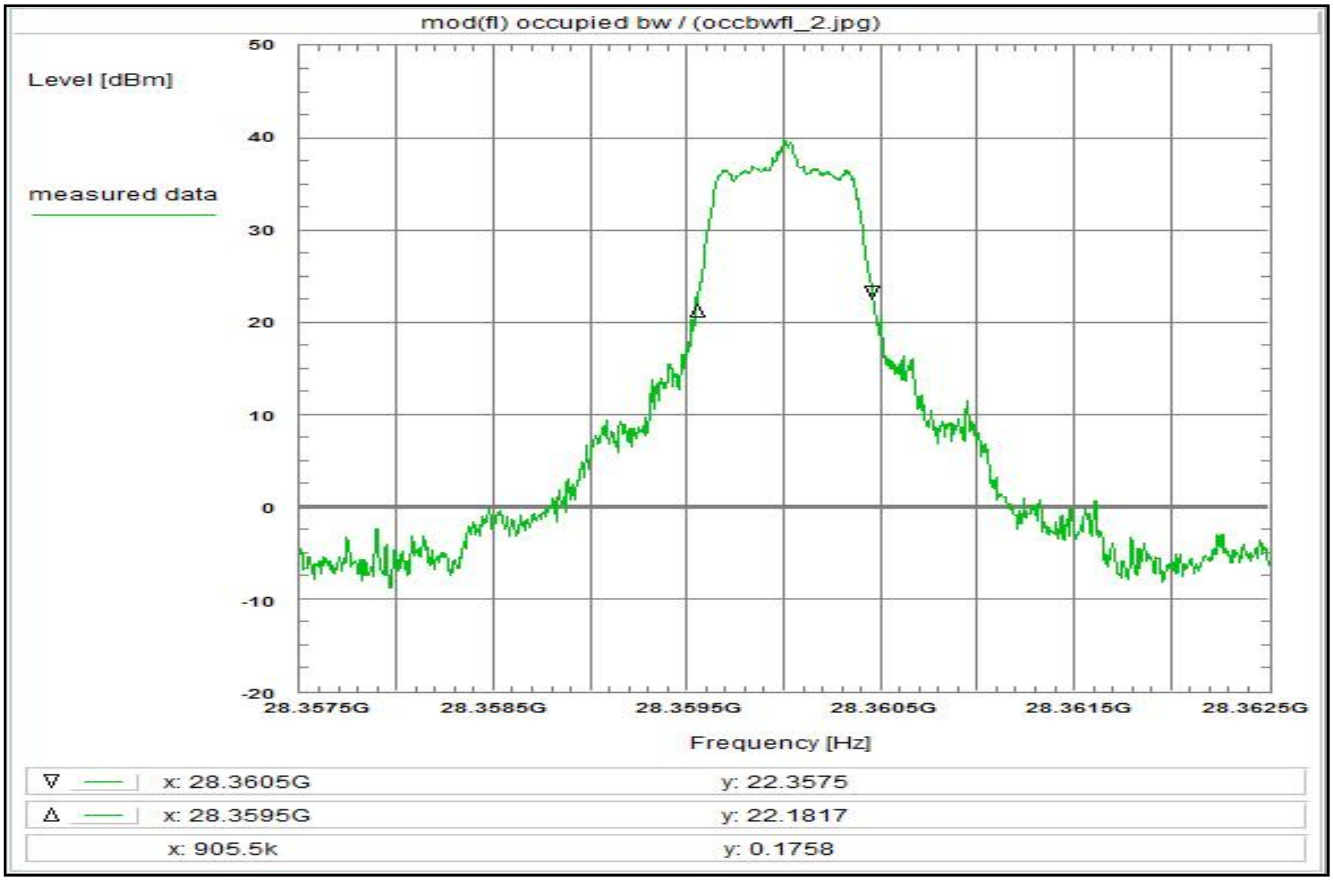
Start frequency:	27.5	GHz
Stop frequency:	30	GHz
Center frequency:	28.75	GHz
Frequency span:	2.5	GHz
Resolution-BW:	100	kHz
Video-BW:	300	kHz
Input attenuation:	6	dB
Trace-Mode:	Clear Write	
Detector-Mode:	Pos Peak	

Correction:

Directional coupler	+	0.0	dB
Coaxial cable (C220)	+	4.0	dB
DUT-Antenna (on-axis)	+	0.0	dBi
Test antenna (A031)	-	15.5	dB
BW correction factor	+	0.0	dB
Atten. between HPA and feedhorn	+	0.0	dB
Freefield attenuation (28.75GHz, 5m)	+	75.6	dB
Circular polarization	+	3.0	dB
Additional Attenuation	+	0.2	dB
TOTAL CORRECTION:	+	67.3	dB

Remarks:
Test of general function and measurement for orientation

Plot No. 2



Subclause: -/- Function test
Modulated rf-carrier at the lower edge of the band (fl)
Determination of the occupied bandwidth

Limit:
no limits defined

Test results:
see plot (an explicit table was not generated)

Operating condition of DUT:
operating condition 1, see test report chapter 6.4

Test setup:
see test report chapter 7.2:

Test equipment:
see test report chapter 7.3: A031, C220, R001

Remark:

Test result: measurement for orientation

Environment condition:

Date & Time:	Fri 20/May/2022 15:07:38	
Location:	CTC advanced GmbH, Laboratory RC-SYS	
Temperature:	22	°C
Humidity:	55	%
Voltage:	230	Vac

Setup of measurement equipment:

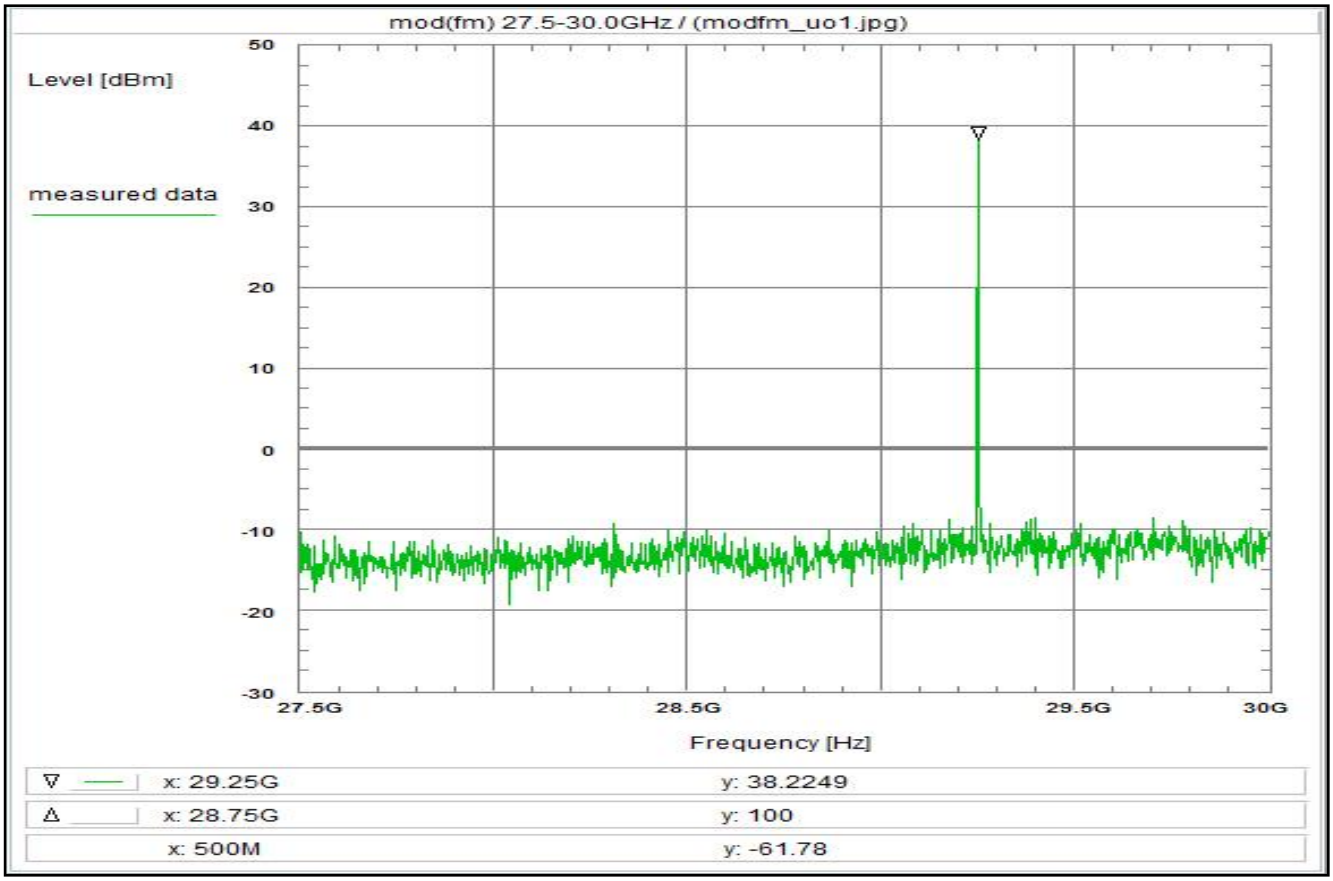
Start frequency:	28.3575	GHz
Stop frequency:	28.3625	GHz
Center frequency:	28.36	GHz
Frequency span:	5	MHz
Resolution-BW:	100	kHz
Video-BW:	300	kHz
Input attenuation:	6	dB
Trace-Mode:	Max-Hold	
Detector-Mode:	Pos Peak	

Correction:

Directional coupler	+	0.0	dB
Coaxial cable (C220)	+	3.9	dB
DUT-Antenna (on-axis)	+	0.0	dBi
Test antenna (A031)	-	15.2	dB
BW correction factor	+	0.0	dB
Atten. between HPA and feedhorn	+	0.0	dB
Freefield attenuation (29.99GHz, 5m)	+	76.0	dB
Circular polarization	+	3.0	dB
Additional Attenuation	+	0.2	dB
TOTAL CORRECTION:	+	67.9	dB

Remarks:
Determination of the occupied bandwidth. Average measurement.
The measured value is about 0.89 MHz (delta marker)
(according to the definition: 99% of the total mean power)
The internal function of the analyzer was used for determination.

Plot No. 3



Subclause: -/- Function test
Modulated rf-carrier in the middle of the band (fm)
Measurement within the band

Limit:
no limits defined
This test serves to verify the general function of the EUT and for orientation regarding to the spurious emissions which are expected within the band, furthermore for comparison of the actual power with the rated value at modulated carrier adjusted in the middle of the band (EIRP).

Test results:
see plot (an explicit table was not generated)

Operating condition of DUT:
operating condition 1, see test report chapter 6.4

Test setup:
see test report chapter 7.2:

Test equipment:
see test report chapter 7.3: A031, C220, R001

Remark:

Test result: **measurement for orientation**

Environment condition:

Date & Time:	Fri 20/May/2022 14:24:04	
Location:	CTC advanced GmbH, Laboratory RC-SYS	
Temperature:	22	°C
Humidity:	55	%
Voltage:	230	Vac

Setup of measurement equipment:

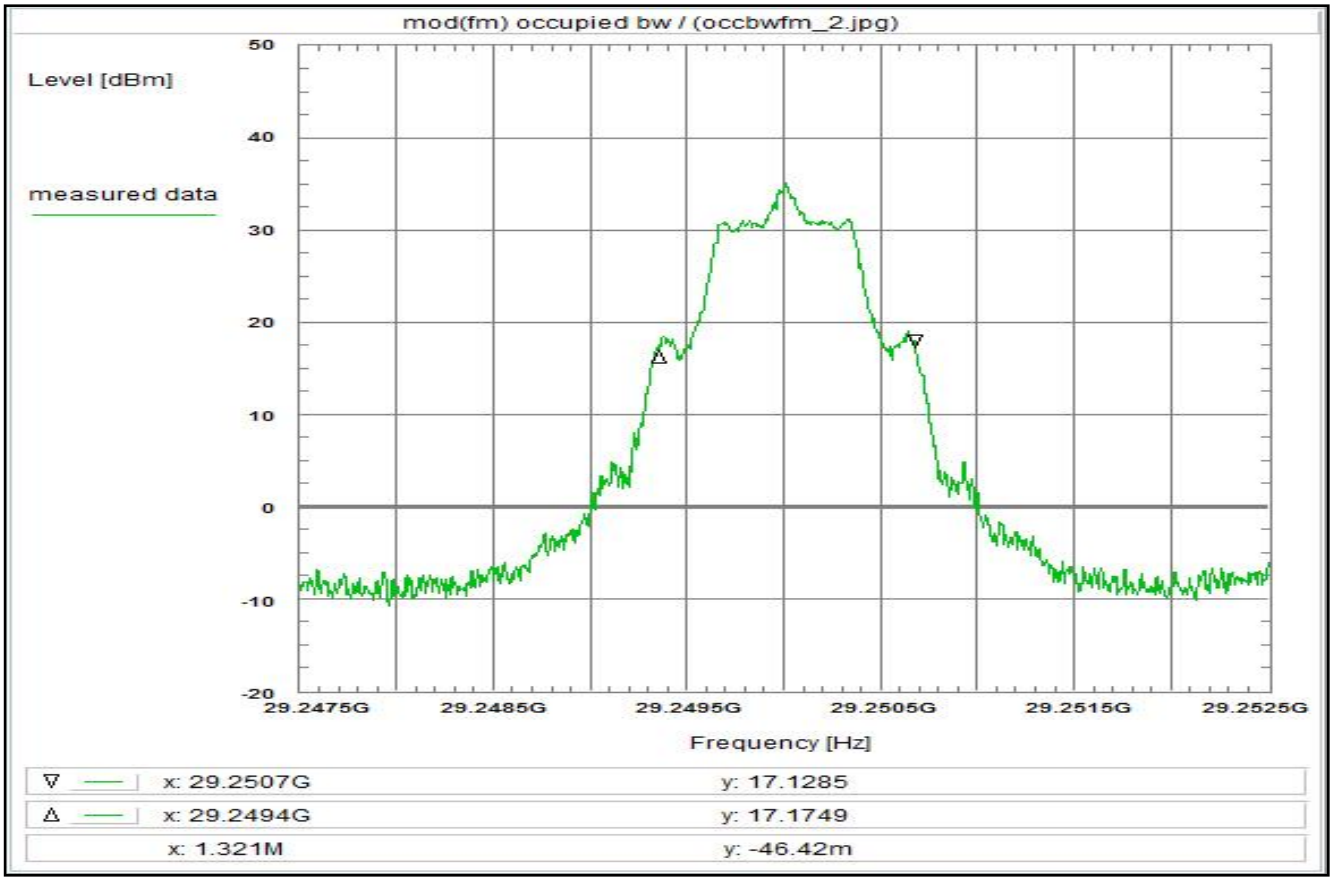
Start frequency:	27.5	GHz
Stop frequency:	30	GHz
Center frequency:	28.75	GHz
Frequency span:	2.5	GHz
Resolution-BW:	100	kHz
Video-BW:	300	kHz
Input attenuation:	6	dB
Trace-Mode:	Clear Write	
Detector-Mode:	Pos Peak	

Correction:

Directional coupler	+	0.0	dB
Coaxial cable (C220)	+	4.0	dB
DUT-Antenna (on-axis)	+	0.0	dBi
Test antenna (A031)	-	15.5	dB
BW correction factor	+	0.0	dB
Atten. between HPA and feedhorn	+	0.0	dB
Freefield attenuation (28.75GHz, 5m)	+	75.6	dB
Circular polarization	+	3.0	dB
Additional Attenuation	+	0.2	dB
TOTAL CORRECTION:	+	67.3	dB

Remarks:
Test of general function and measurement for orientation

Plot No. 4



Subclause: -/- Function test
Modulated rf-carrier in the middle of the band (fm)
Determination of the occupied bandwidth

Limit:
no limits defined

Test results:
see plot (an explicit table was not generated)

Operating condition of DUT:
operating condition 1, see test report chapter 6.4

Test setup:
see test report chapter 7.2:

Test equipment:
see test report chapter 7.3: A031, C220, R001

Remark:

Test result: measurement for orientation

Environment condition:

Date & Time:	Fri 20/May/2022 14:58:08	
Location:	CTC advanced GmbH, Laboratory RC-SYS	
Temperature:	22	°C
Humidity:	55	%
Voltage:	230	Vac

Setup of measurement equipment:

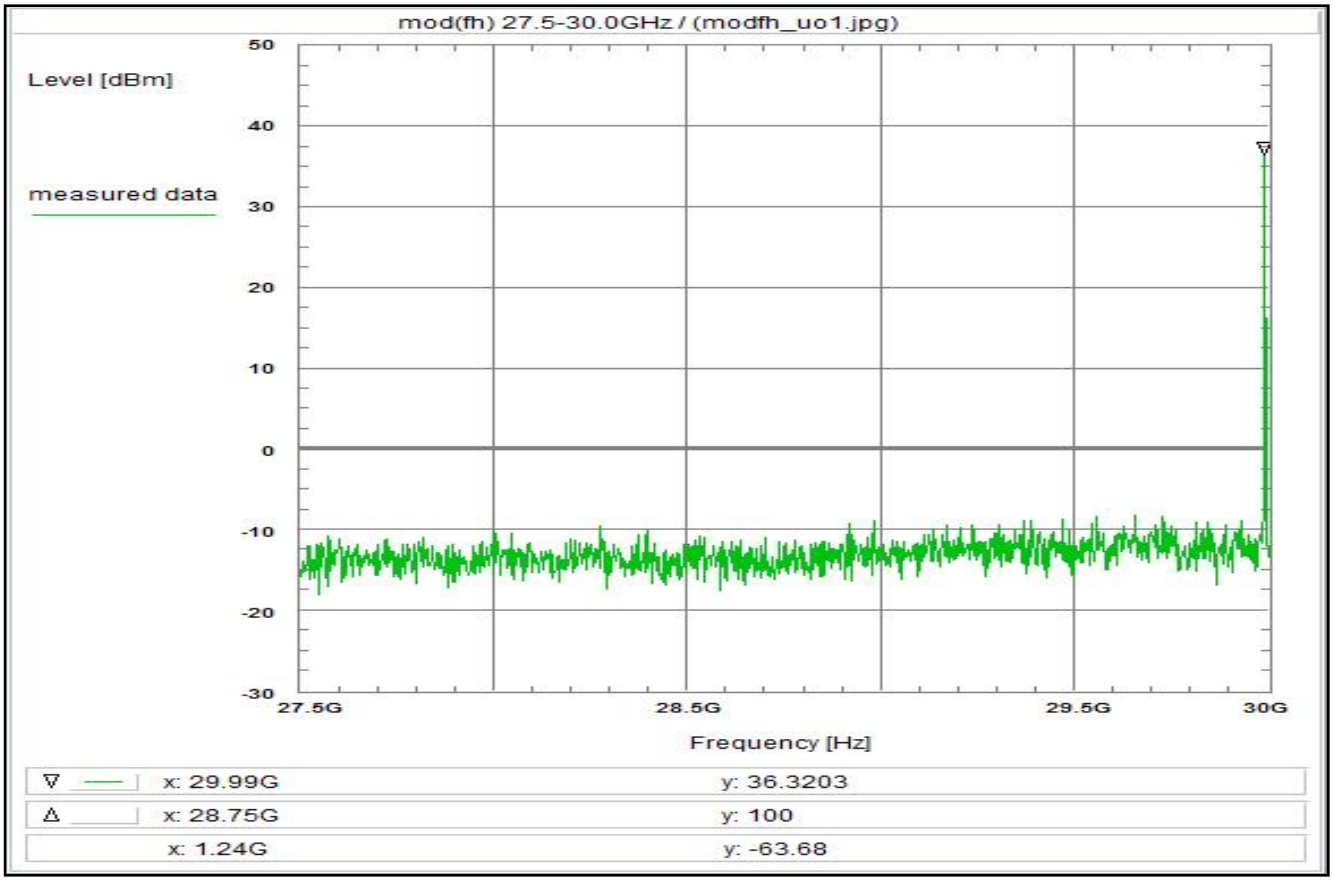
Start frequency:	29.2475	GHz
Stop frequency:	29.2525	GHz
Center frequency:	29.25	GHz
Frequency span:	5	MHz
Resolution-BW:	100	kHz
Video-BW:	300	kHz
Input attenuation:	6	dB
Trace-Mode:	Max-Hold	
Detector-Mode:	Pos Peak	

Correction:

Directional coupler	+	0.0	dB
Coaxial cable (C220)	+	4.0	dB
DUT-Antenna (on-axis)	+	0.0	dBi
Test antenna (A031)	-	15.8	dB
BW correction factor	+	0.0	dB
Atten. between HPA and feedhorn	+	0.0	dB
Freefield attenuation (29.99GHz, 5m)	+	76.0	dB
Circular polarization	+	3.0	dB
Additional Attenuation	+	0.2	dB
TOTAL CORRECTION:	+	67.4	dB

Remarks:
Determination of the occupied bandwidth. Average measurement.
The measured value is about 1.3 MHz (delta marker)
(according to the definition: 99% of the total mean power)
The internal function of the analyzer was used for determination.

Plot No. 5



Subclause: -/- Function test
Modulated rf-carrier at the upper edge of the band (fh)
Measurement within the band

Limit:
no limits defined
This test serves to verify the general function of the EUT and for orientation regarding to the spurious emissions which are expected within the band, furthermore for comparison of the actual power with the rated value at modulated carrier adjusted as close to the upper edge of the operating frequency band.

Test results:
see plot (an explicit table was not generated)

Operating condition of DUT:
operating condition 1, see test report chapter 6.4

Test setup:
see test report chapter 7.2:

Test equipment:
see test report chapter 7.3: A031, C220, R001

Remark:
measurement for orientation

Test result: Test passed

Environment condition:

Date & Time:	Fri 20/May/2022 14:42:00	
Location:	CTC advanced GmbH, Laboratory RC-SYS	
Temperature:	22	°C
Humidity:	55	%
Voltage:	230	Vac

Setup of measurement equipment:

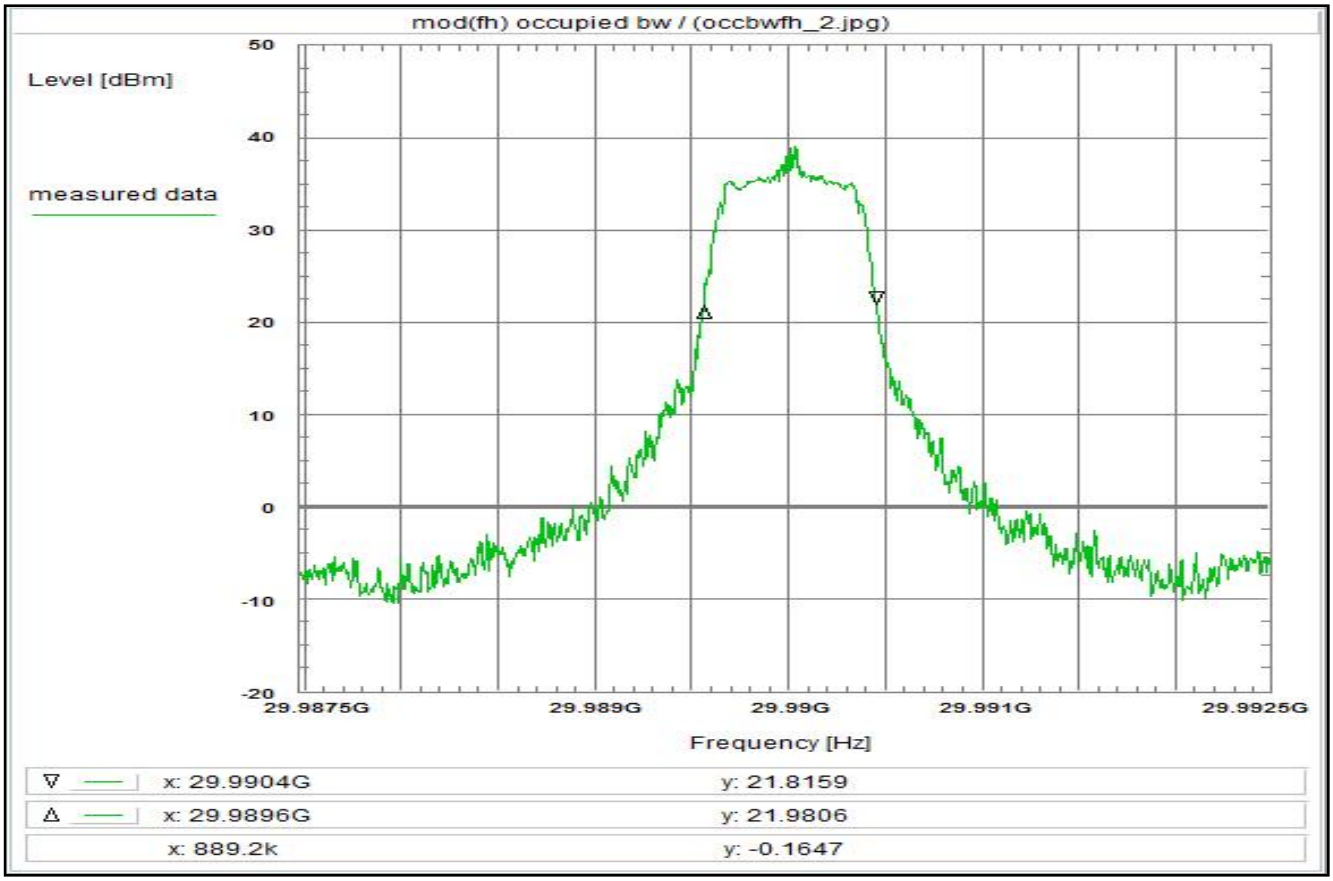
Start frequency:	27.5	GHz
Stop frequency:	30	GHz
Center frequency:	28.75	GHz
Frequency span:	2.5	GHz
Resolution-BW:	100	kHz
Video-BW:	300	kHz
Input attenuation:	6	dB
Trace-Mode:	Clear Write	
Detector-Mode:	Pos Peak	

Correction:

Directional coupler	+	0.0	dB
Coaxial cable (C220)	+	4.0	dB
DUT-Antenna (on-axis)	+	0.0	dBi
Test antenna (A031)	-	15.5	dB
BW correction factor	+	0.0	dB
Atten. between HPA and feedhorn	+	0.0	dB
Freefield attenuation (35.00GHz, 5m)	+	77.3	dB
Circular polarization	+	3.0	dB
Additional Attenuation	+	0.2	dB
TOTAL CORRECTION:	+	69.0	dB

Remarks:
Test of general function and measurement for orientation

Plot No. 6



Subclause: -/- Function test
Modulated rf-carrier at the upper edge of the band (fh)
Determination of the occupied bandwidth

Limit:
no limits defined

Test results:
see plot (an explicit table was not generated)

Operating condition of DUT:
operating condition 1, see test report chapter 6.4

Test setup:
see test report chapter 7.2:

Test equipment:
see test report chapter 7.3: A031, C220, R001

Remark:

Test result: **measurement for orientation**

Environment condition:

Date & Time:	Fri 20/May/2022 15:03:38	
Location:	CTC advanced GmbH, Laboratory RC-SYS	
Temperature:	22	°C
Humidity:	55	%
Voltage:	230	Vac

Setup of measurement equipment:

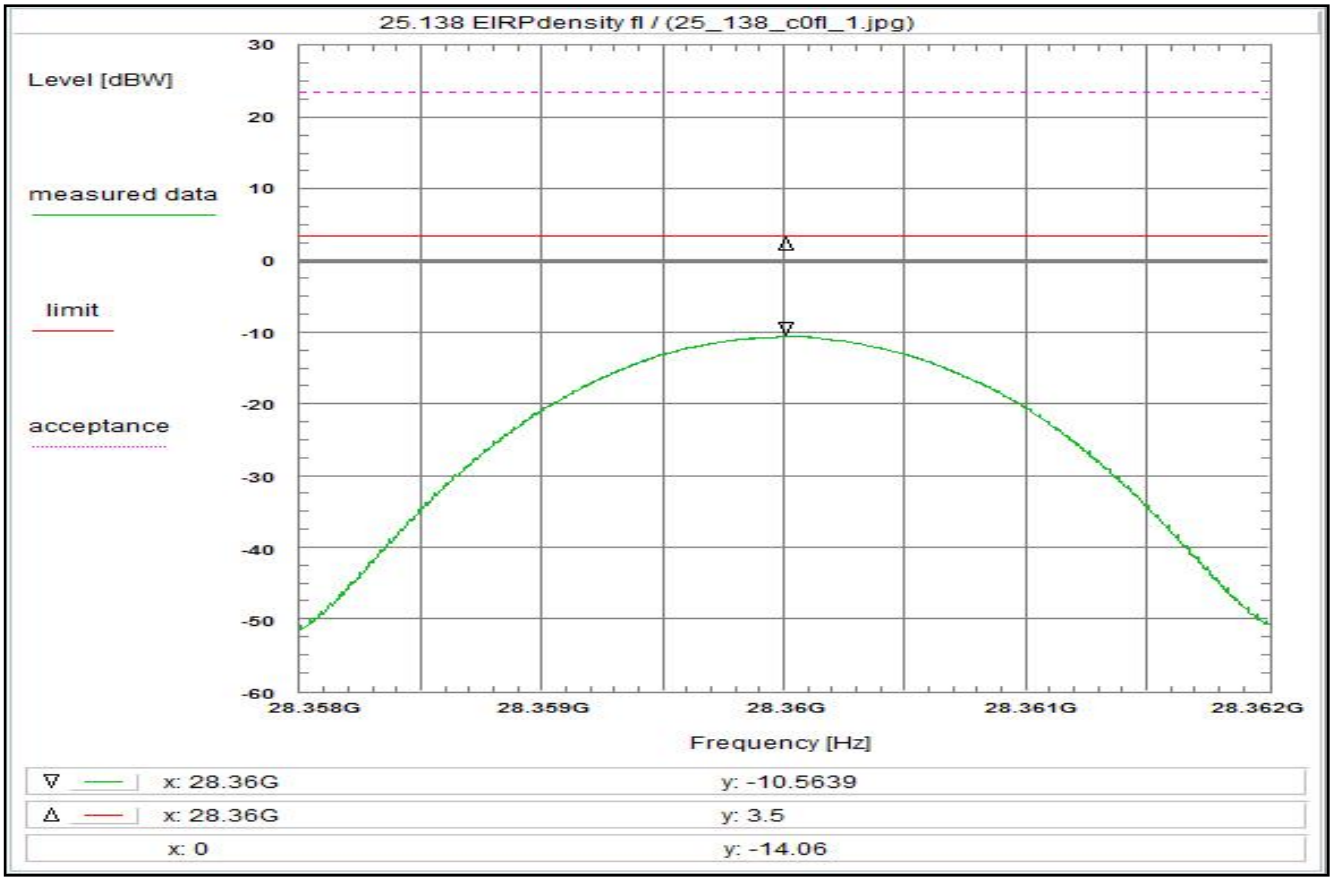
Start frequency:	29.987475	GHz
Stop frequency:	29.992475	GHz
Center frequency:	29.989975	GHz
Frequency span:	5	MHz
Resolution-BW:	100	kHz
Video-BW:	300	kHz
Input attenuation:	6	dB
Trace-Mode:	Max-Hold	
Detector-Mode:	Pos Peak	

Correction:

Directional coupler	+	0.0	dB
Coaxial cable (C220)	+	4.1	dB
DUT-Antenna (on-axis)	+	0.0	dBi
Test antenna (A031)	-	15.8	dB
BW correction factor	+	0.0	dB
Atten. between HPA and feedhorn	+	0.0	dB
Freefield attenuation (29.99GHz, 5m)	+	76.0	dB
Circular polarization	+	3.0	dB
Additional Attenuation	+	0.2	dB
TOTAL CORRECTION:	+	67.5	dB

Remarks:
Determination of the occupied bandwidth. Average measurement.
The measured value is about 0.86 MHz (delta marker)
(according to the definition: 99% of the total mean power)
The internal function of the analyzer was used for determination.

Plot No. 7



Subclause: 25.138 Off-axis EIRP spectral density (co-, cross-polar) within the band
Modulated rf-carrier at the lower edge of the band (fl)
Measurement of the wanted signal within 5 * occupied bandwidth

Limit:
Limit acc. to §25.138: 32.5-25log2° dBW/MHz
-ant.-pattern envelope: -(29-25log2° dBi)
==>: 3.5 dBW/MHz (copolar)
resp.: 3.5 dBW/MHz (crosspolar)
The subtraction of the terms results in a constant limit.
The antenna gain is set to zero in the correction data for this calculation.
§25.204(e)(3)For stations employing uplink power control, the values in paragraphs (a)(1), (2), and (4) of §25.138 may be exceeded by up to 20 dB under conditions of uplink fading due to precipitation.

Test results:
see plot (an explicit table was not generated)

Operating condition of DUT:
operating condition 1, see test report chapter 6.4

Test setup:
see test report chapter 7.2:

Test equipment:
see test report chapter 7.3: A031, C220, R001

Remark:

Test result: Test passed

Environment condition:

Date & Time:	Fri 20/May/2022 14:22:49	
Location:	CTC advanced GmbH, Laboratory RC-SYS	
Temperature:	22	°C
Humidity:	55	%
Voltage:	230	Vac

Setup of measurement equipment:

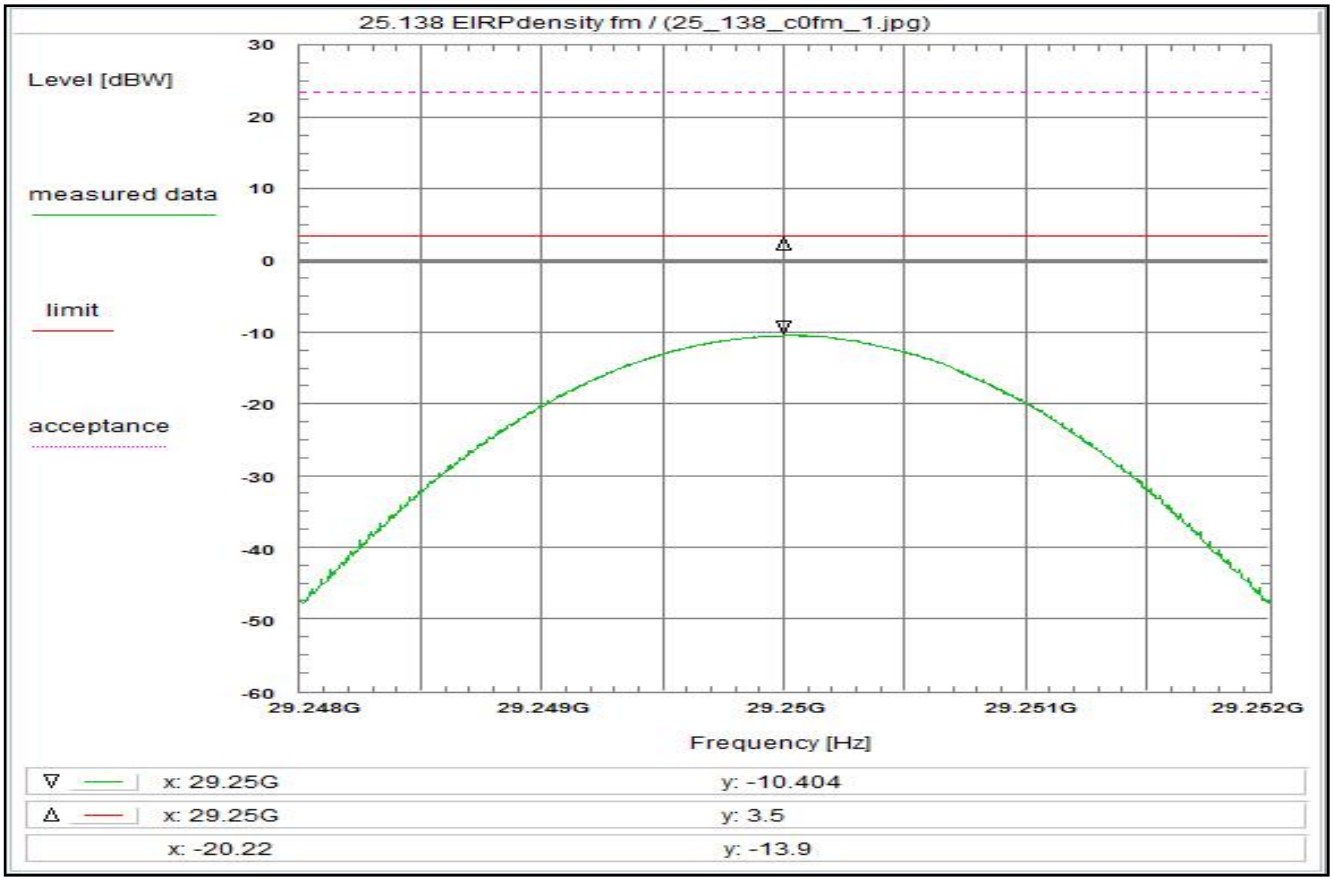
Start frequency:	28.358	GHz
Stop frequency:	28.362	GHz
Center frequency:	28.36	GHz
Frequency span:	4	MHz
Resolution-BW:	1	MHz
Video-BW:	100	kHz
Input attenuation:	6	dB
Trace-Mode:	Clear Write	
Detector-Mode:	AVG	

Correction:

Directional coupler	+	0.0	dB
Coaxial cable (C220)	+	3.9	dB
DUT-Antenna (see under limit)	-	21.0	dBi
Test antenna (A031)	-	15.2	dB
BW correction factor	+	0.0	dB
Atten. between HPA and feedhorn	-	0.0	dB
Freefield attenuation (28.75GHz, 5m)	+	75.6	dB
Circular polarization	+	3.0	dB
Additional Attenuation	+	0.2	dB
TOTAL CORRECTION:	+	46.5	dB

Remarks:
The envelope curves for the antenna patterns (´worst case´) are used for this calculation - the actual antenna patterns have to fulfill these requirements (co- and crosspolar envelope curves).
See the separate plot after the measurement plots, too.
Measurement with 30 kHz resolution filter and noise averaging.

Plot No. 8



Subclause: 25.138 Off-axis EIRP spectral density (co-, cross-polar) within the band
Modulated rf-carrier in the middle of the band (fm)
Measurement of the wanted signal within 5 * occupied bandwidth

Limit:
Limit acc. to §25.138: 32.5-25log2° dBW/MHz
-ant.-pattern envelope: -(29-25log2° dBi)
==>: 3.5 dBW/MHz (copolar)
resp.: 3.5 dBW/MHz (crosspolar)
The subtraction of the terms results in a constant limit.
The antenna gain is set to zero in the correction data for this calculation.
§25.204(e)(3)For stations employing uplink power control, the values in paragraphs (a)(1), (2), and (4) of §25.138 may be exceeded by up to 20 dB under conditions of uplink fading due to precipitation.

Test results:
see plot (an explicit table was not generated)

Operating condition of DUT:
operating condition 1, see test report chapter 6.4

Test setup:
see test report chapter 7.2:

Test equipment:
see test report chapter 7.3: A031, C220, R001

Remark:

Test result: Test passed

Environment condition:

Date & Time:	Fri 20/May/2022 14:27:12	
Location:	CTC advanced GmbH, Laboratory RC-SYS	
Temperature:	22	°C
Humidity:	55	%
Voltage:	230	Vac

Setup of measurement equipment:

Start frequency:	29.248	GHz
Stop frequency:	29.252	GHz
Center frequency:	29.25	GHz
Frequency span:	4	MHz
Resolution-BW:	1	MHz
Video-BW:	100	kHz
Input attenuation:	6	dB
Trace-Mode:	Clear Write	
Detector-Mode:	AVG	

Correction:

Directional coupler	+	0.0	dB
Coaxial cable (C220)	+	4.0	dB
DUT-Antenna (see under limit)	-	21.0	dBi
Test antenna (A031)	-	15.8	dB
BW correction factor	+	0.0	dB
Atten. between HPA and feedhorn	-	0.0	dB
Freefield attenuation (28.75GHz, 5m)	+	75.6	dB
Circular polarization	+	3.0	dB
Additional Attenuation	+	0.2	dB
TOTAL CORRECTION:	+	46.0	dB

Remarks:
The envelope curves for the antenna patterns (´worst case´) are used for this calculation - the actual antenna patterns have to fulfill these requirements (co- and crosspolar envelope curves).
See the separate plot after the measurement plots, too.
Measurement with 30 kHz resolution filter and noise averaging.

Plot No. 9

Subclause: 25.138 Off-axis EIRP spectral density (co-, cross-polar) within the band
Modulated rf-carrier at the upper edge of the band (fh)
Measurement of the wanted signal within 5 * occupied bandwidth

Limit:
Limit acc. to §25.138: 32.5-25log2° dBW/MHz
-ant.-pattern envelope: -(29-25log2° dBi)
==>: 3.5 dBW/MHz (copolar)
resp.: 3.5 dBW/MHz (crosspolar)
The subtraction of the terms results in a constant limit.
The antenna gain is set to zero in the correction data for this calculation.
§25.204(e)(3)For stations employing uplink power control, the values in paragraphs (a)(1), (2), and (4) of §25.138 may be exceeded by up to 20 dB under conditions of uplink fading due to precipitation.

Test results:
see plot (an explicit table was not generated)

Operating condition of DUT:
operating condition 1, see test report chapter 6.4

Test setup:
see test report chapter 7.2:

Test equipment:
see test report chapter 7.3: A031, C220, R001

Remark:

Test result: Test passed

Environment condition:

Date & Time:	Fri 20/May/2022 14:45:53	
Location:	CTC advanced GmbH, Laboratory RC-SYS	
Temperature:	22	°C
Humidity:	55	%
Voltage:	230	Vac

Setup of measurement equipment:

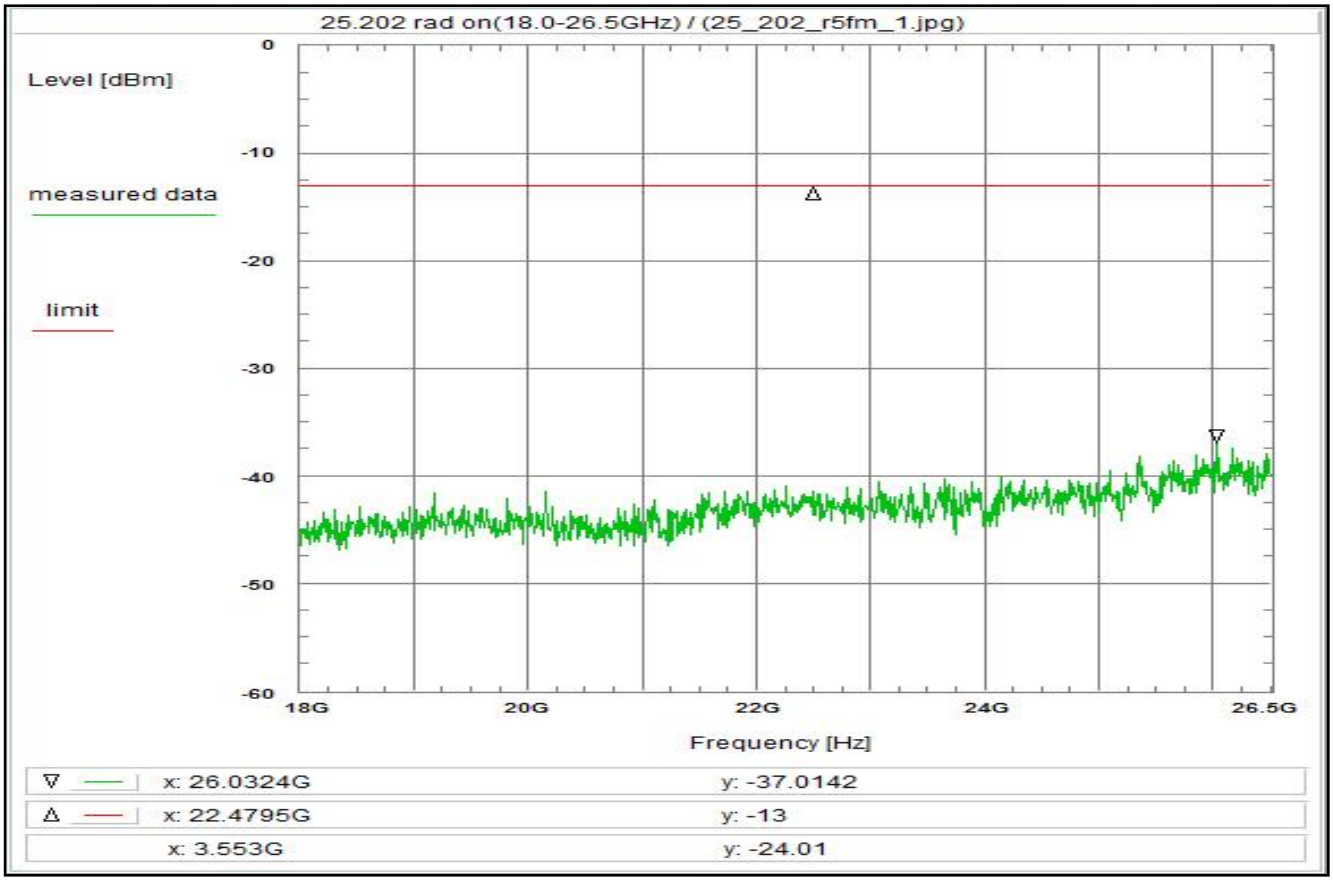
Start frequency:	29.988	GHz
Stop frequency:	29.992	GHz
Center frequency:	29.99	GHz
Frequency span:	4	MHz
Resolution-BW:	1	MHz
Video-BW:	100	kHz
Input attenuation:	6	dB
Trace-Mode:	Clear Write	
Detector-Mode:	AVG	

Correction:

Directional coupler	+	0.0	dB
Coaxial cable (C220)	+	4.1	dB
DUT-Antenna (see under limit)	-	21.0	dBi
Test antenna (A031)	-	15.8	dB
BW correction factor	+	0.0	dB
Atten. between HPA and feedhorn	-	0.0	dB
Freefield attenuation (29.99GHz, 5m)	+	76.0	dB
Circular polarization	+	3.0	dB
Additional Attenuation	+	0.2	dB
TOTAL CORRECTION:	+	46.5	dB

Remarks:
The envelope curves for the antenna patterns (´worst case´) are used for this calculation - the actual antenna patterns have to fulfill these requirements (co- and crosspolar envelope curves).
See the separate plot after the measurement plots, too.
Measurement with 30 kHz resolution filter and noise averaging.

Plot No. 10



Subclause: 25.202) Emission limitations
Modulated rf-carrier in the middle of the band (fm)
Radiation coming out of DUT-cabinet(s): 18.0 GHz - 26.5 GHz

Limit:
Limit acc. to §25.202): -13.0 dBm

Test results:
see plot (an explicit table was not generated)

Operating condition of DUT:
operating condition 1, see test report chapter 6.4

Test setup:
see test report chapter 7.2:

Test equipment:
see test report chapter 7.3: A019, C220, R001

Remark:

Test result: Test passed

Environment condition:

Date & Time:	Thu 19/May/2022 17:53:03	
Location:	CTC advanced GmbH, Laboratory RC-SYS	
Temperature:	22	°C
Humidity:	55	%
Voltage:	230	Vac

Setup of measurement equipment:

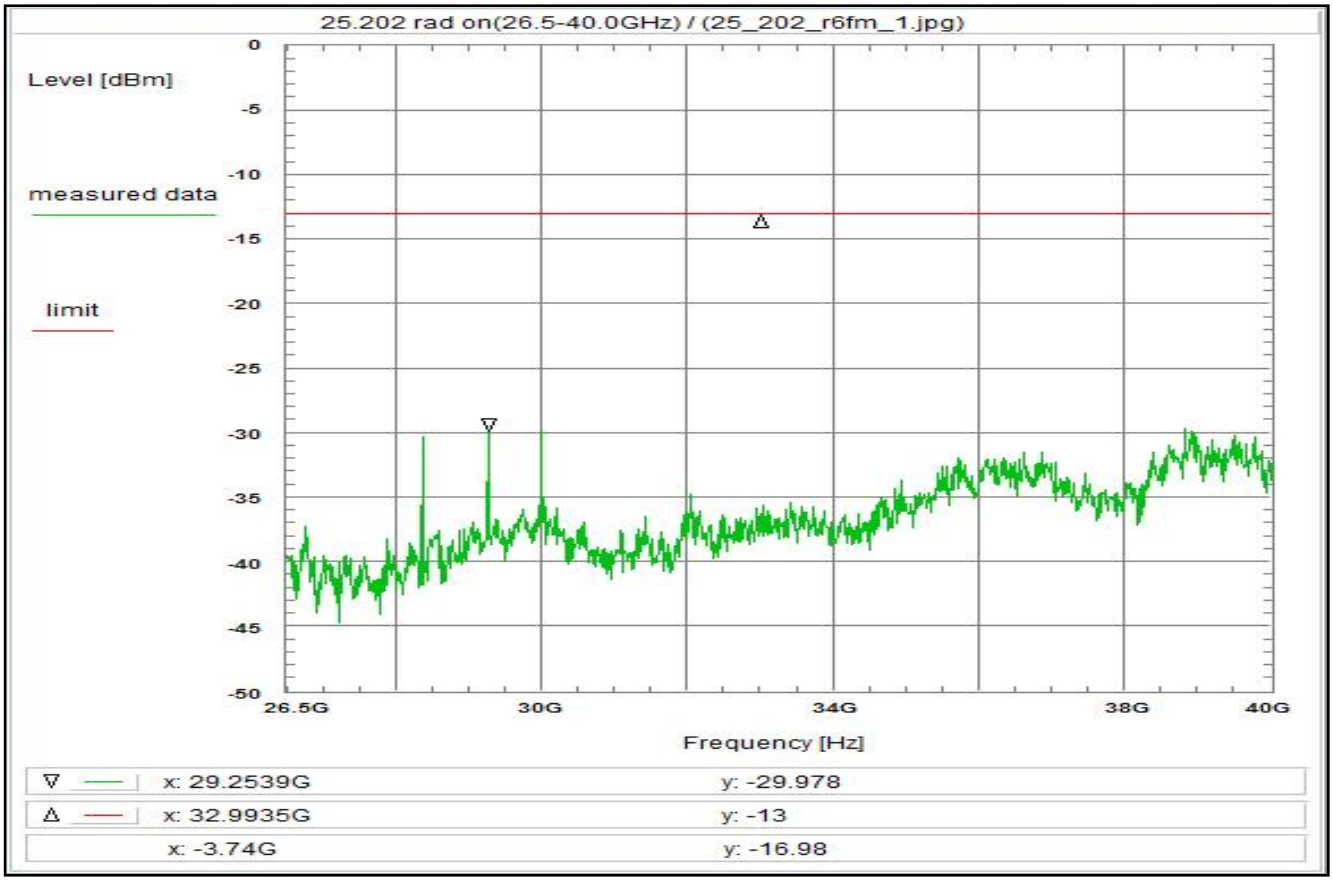
Start frequency:	18	GHz
Stop frequency:	26.5	GHz
Center frequency:	22.25	GHz
Frequency span:	8.5	GHz
Resolution-BW:	1	MHz
Video-BW:	3	MHz
Input attenuation:	10	dB
Trace-Mode:	Max-Hold	
Detector-Mode:	AVG	

Correction:

Directional coupler	+	0.0	dB
Coaxial cable (C220)	+	3.5	dB
DUT-Antenna		0.0	dBi
Test antenna (A019)	-	19.3	dB
BW correction factor	+	0.0	dB
Atten. between HPA and feedhorn	-	0.0	dB
Freefield attenuation (22.25GHz, 0.3m)	+	48.9	dB
TOTAL CORRECTION:	+	33.1	dB

Remarks:
Carrier-on state / Carrier in the middle of the band (fm)
Measurement for orientation with a measuring antenna
close to the DUT-cabinets (about 1m distance).
If any critical spurious radiations are detected a measurement
in an exactly defined distance will be carried out.

Plot No. 11



Subclause: 25.202) Emission limitations
Modulated rf-carrier in the middle of the band (fm)
Radiation coming out of DUT-cabinet(s): 26.5 GHz - 40.0 GHz

Limit:
Limit acc. to §25.202): -13.0 dBm

Test results:
see plot (an explicit table was not generated)

Operating condition of DUT:
operating condition 1, see test report chapter 6.4

Test setup:
see test report chapter 7.2:

Test equipment:
see test report chapter 7.3: A031, C220, R001

Remark:

Test result: Test passed

Environment condition:

Date & Time:	Fri 20/May/2022 13:29:12	
Location:	CTC advanced GmbH, Laboratory RC-SYS	
Temperature:	22	°C
Humidity:	55	%
Voltage:	230	Vac

Setup of measurement equipment:

Start frequency:	26.5	GHz
Stop frequency:	40	GHz
Center frequency:	33.25	GHz
Frequency span:	13.5	GHz
Resolution-BW:	1	MHz
Video-BW:	3	MHz
Input attenuation:	10	dB
Trace-Mode:	Max-Hold	
Detector-Mode:	AVG	

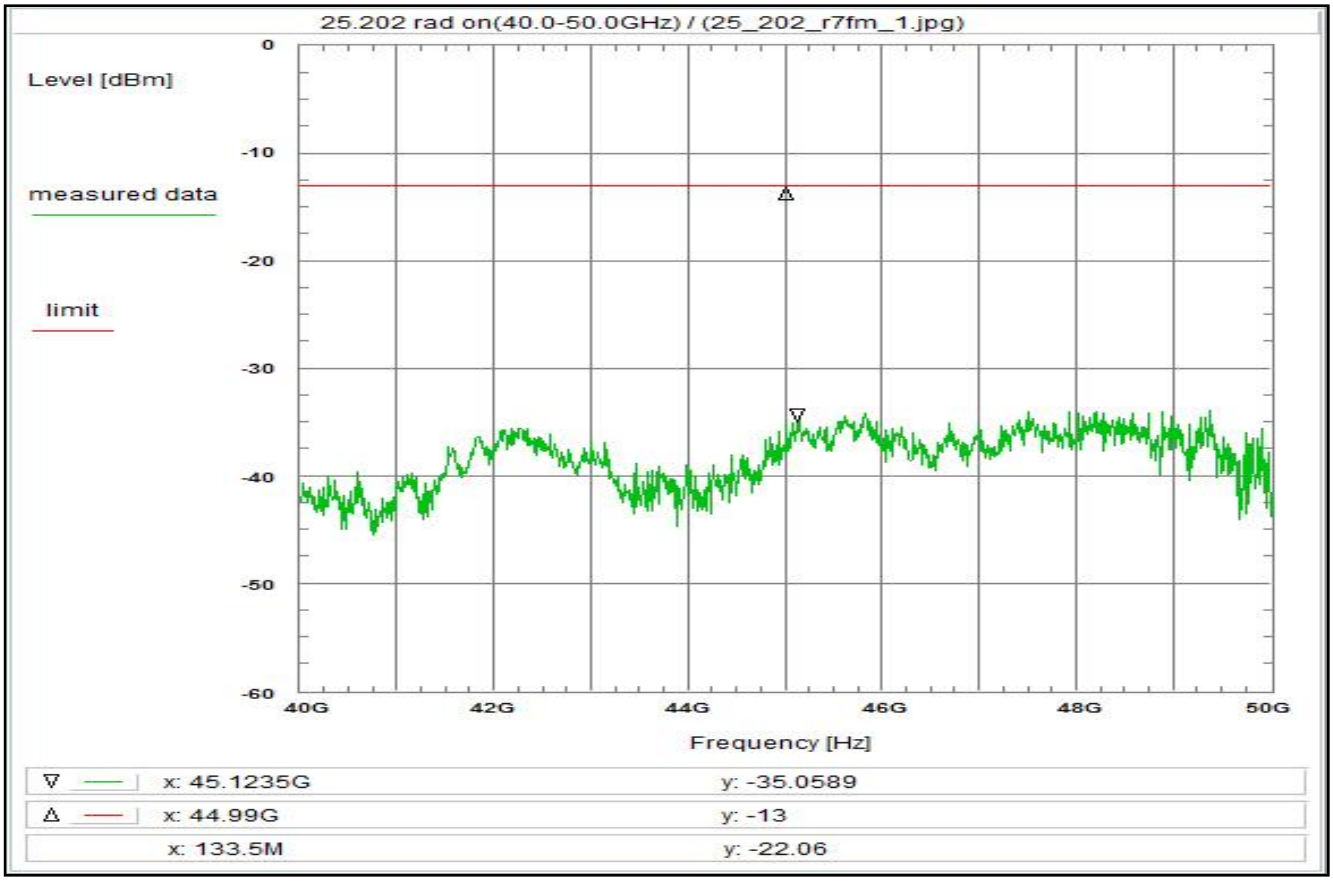
Correction:

Directional coupler	+	0.0	dB
Coaxial cable (C220)	+	4.3	dB
DUT-Antenna		0.0	dBi
Test antenna (A031)	-	16.2	dB
BW correction factor	+	0.0	dB
Atten. between HPA and feedhorn	-	0.0	dB
Freefield attenuation	+	48.9	dB
TOTAL CORRECTION:	+	37.0	dB

Remarks:
Carrier-on state / Carrier in the middle of the band (fm)
Measurement for orientation with a measuring antenna
close to the DUT-cabinets (about 1m distance).
If any critical spurious radiations are detected a measurement
in an exactly defined distance will be carried out.

low - mid - high Tx frequencies shown on plot

Plot No. 12



Subclause: 25.202) Emission limitations
Modulated rf-carrier in the middle of the band (fm)
Radiation coming out of DUT-cabinet(s): 40.0 GHz - 50.0 GHz

Limit:
Limit acc. to §25.202): -13.0 dBm

Test results:
see plot (an explicit table was not generated)

Operating condition of DUT:
operating condition 1, see test report chapter 6.4

Test setup:
see test report chapter 7.2:

Test equipment:
see test report chapter 7.3: A_50, C220, R001

Remark:

Test result: Test passed

Environment condition:

Date & Time:	Thu 19/May/2022 17:57:19	
Location:	CTC advanced GmbH, Laboratory RC-SYS	
Temperature:	22	°C
Humidity:	55	%
Voltage:	230	Vac

Setup of measurement equipment:

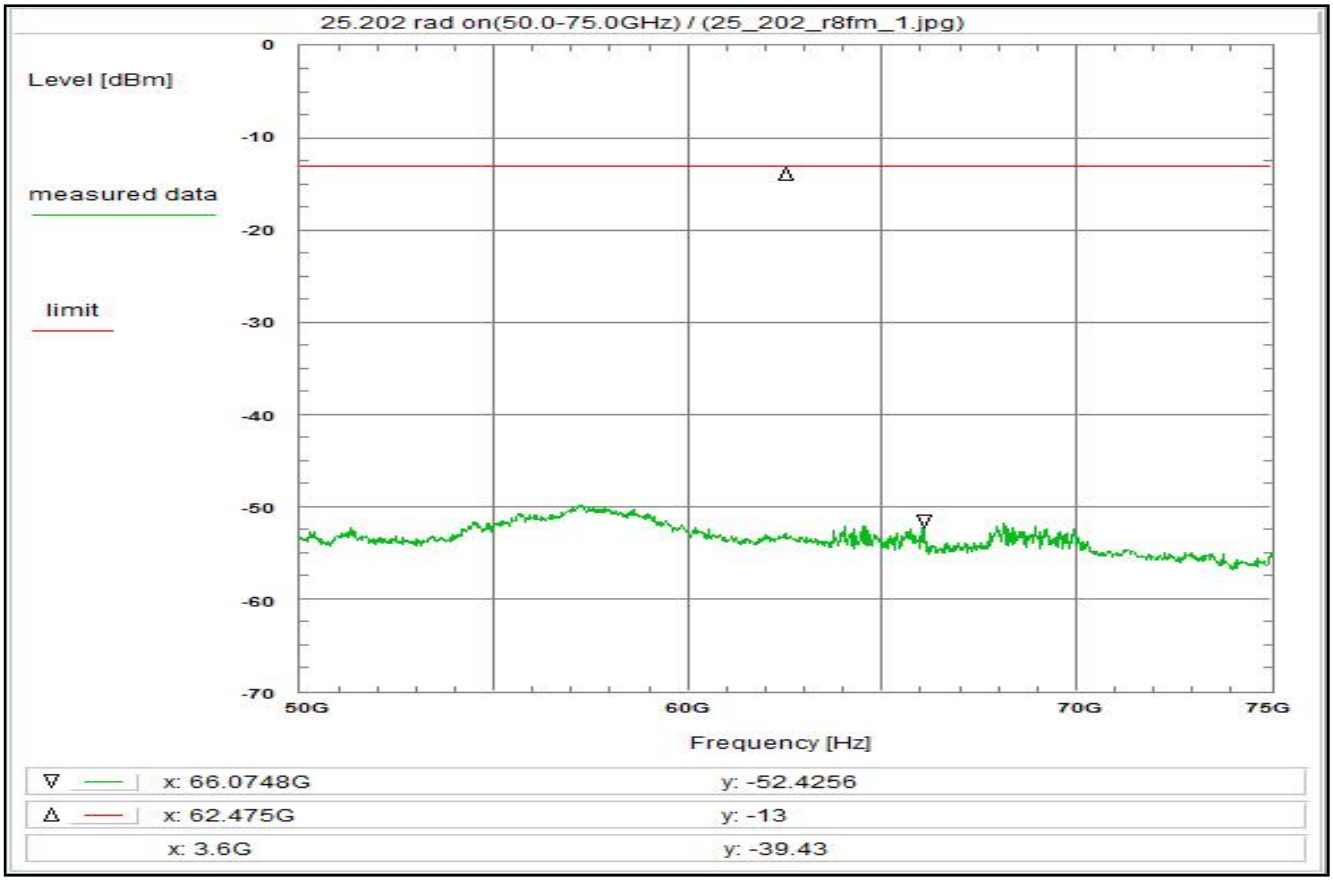
Start frequency:	40	GHz
Stop frequency:	50	GHz
Center frequency:	45	GHz
Frequency span:	10	GHz
Resolution-BW:	1	MHz
Video-BW:	3	MHz
Input attenuation:	10	dB
Trace-Mode:	Max-Hold	
Detector-Mode:	AVG	

Correction:

Directional coupler	+	0.0	dB
Coaxial cable (C220)	+	5.2	dB
DUT-Antenna		0.0	dBi
Test antenna (A_50)	-	19.9	dB
BW correction factor	+	0.0	dB
Atten. between HPA and feedhorn	-	0.0	dB
Freefield attenuation (45.00GHz, 0.1m)	+	45.5	dB
TOTAL CORRECTION:	+	30.8	dB

Remarks:
Carrier-on state / Carrier in the middle of the band (fm)
Measurement for orientation with a measuring antenna
close to the DUT-cabinets (about 1m distance).
If any critical spurious radiations are detected a measurement
in an exactly defined distance will be carried out.

Plot No. 13



Subclause: 25.202) Emission limitations
Modulated rf-carrier in the middle of the band (fm)
Radiation coming out of DUT-cabinet(s): 50.0 GHz - 75.0 GHz

Limit:
Limit acc. to §25.202): -13.0 dBm

Test results:
see plot (an explicit table was not generated)

Operating condition of DUT:
operating condition 1, see test report chapter 6.4

Test setup:
see test report chapter 7.2:

Test equipment:
see test report chapter 7.3: A025, R001, R025

Remark:

Test result: Test passed

Environment condition:

Date & Time:	Thu 19/May/2022 18:11:11	
Location:	CTC advanced GmbH, Laboratory RC-SYS	
Temperature:	22	°C
Humidity:	55	%
Voltage:	230	Vac

Setup of measurement equipment:

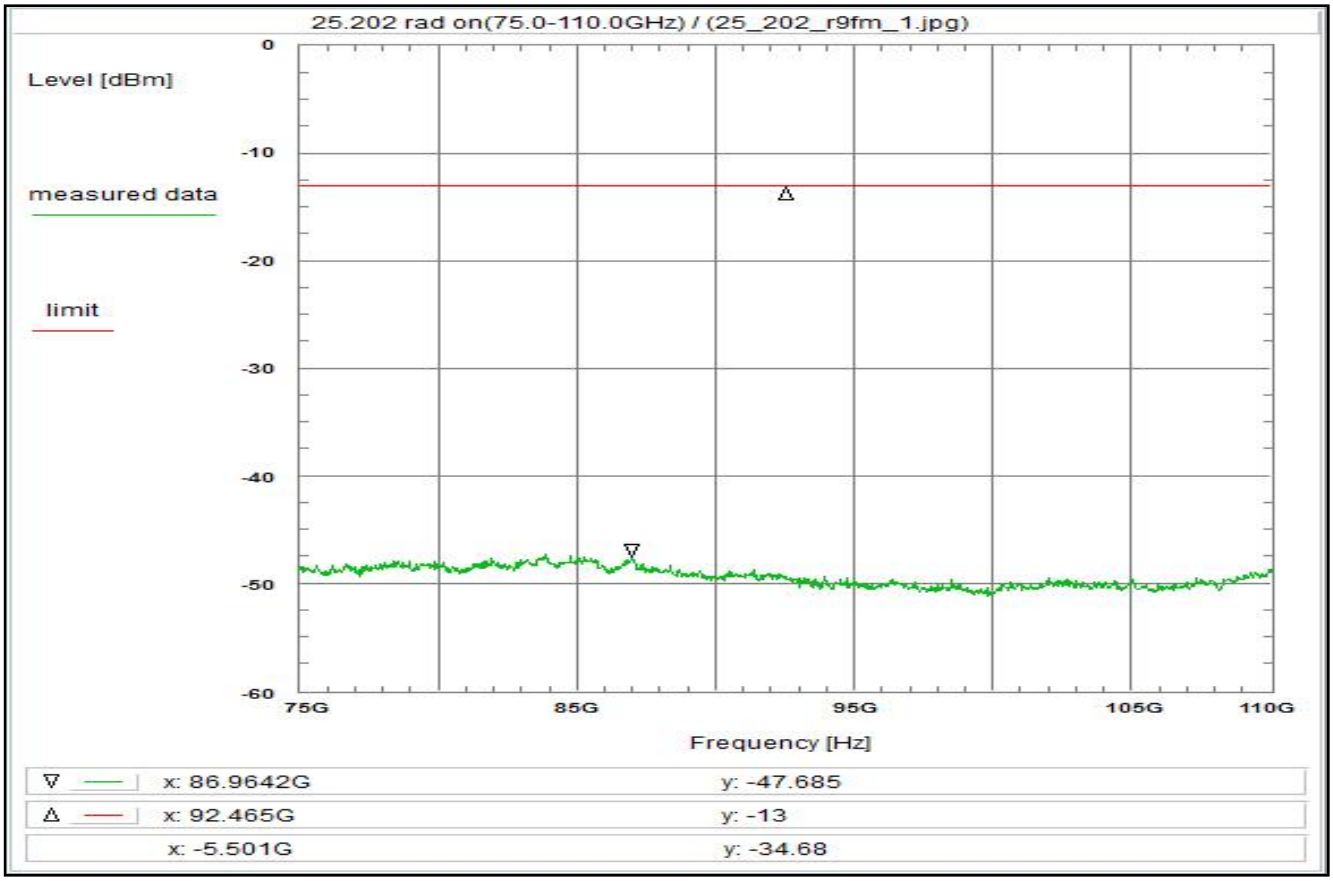
Start frequency:	50	GHz
Stop frequency:	75	GHz
Center frequency:	62.5	GHz
Frequency span:	25	GHz
Resolution-BW:	1	MHz
Video-BW:	3	MHz
Input attenuation:	10	dB
Trace-Mode:	Max-Hold	
Detector-Mode:	AVG	

Correction:

Directional coupler	+	0.0	dB
Coaxial cable	+	0.0	dB
DUT-Antenna		0.0	dBi
Test antenna (A025)	-	20.0	dB
BW correction factor	+	0.0	dB
Atten. between HPA and feedhorn	-	0.0	dB
Freefield attenuation (62.50GHz, 0.1m)	+	48.4	dB
TOTAL CORRECTION:	+	28.4	dB

Remarks:
Carrier-on state / Carrier in the middle of the band (fm)
Measurement for orientation with a measuring antenna
close to the DUT-cabinets (about 1m distance).
If any critical spurious radiations are detected a measurement
in an exactly defined distance will be carried out.

Plot No. 14



Subclause: 25.202) Emission limitations
Modulated rf-carrier in the middle of the band (fm)
Radiation coming out of DUT-cabinet(s): 75.0 GHz - 100.0 GHz

Limit:
Limit acc. to §25.202): -13.0 dBm

Test results:
see plot (an explicit table was not generated)

Operating condition of DUT:
operating condition 1, see test report chapter 6.4

Test setup:
see test report chapter 7.2:

Test equipment:
see test report chapter 7.3: A028, R001, R029

Remark:

Test result: Test passed

Environment condition:

Date & Time:	Thu 19/May/2022 18:18:16	
Location:	CTC advanced GmbH, Laboratory RC-SYS	
Temperature:	22	°C
Humidity:	55	%
Voltage:	230	Vac

Setup of measurement equipment:

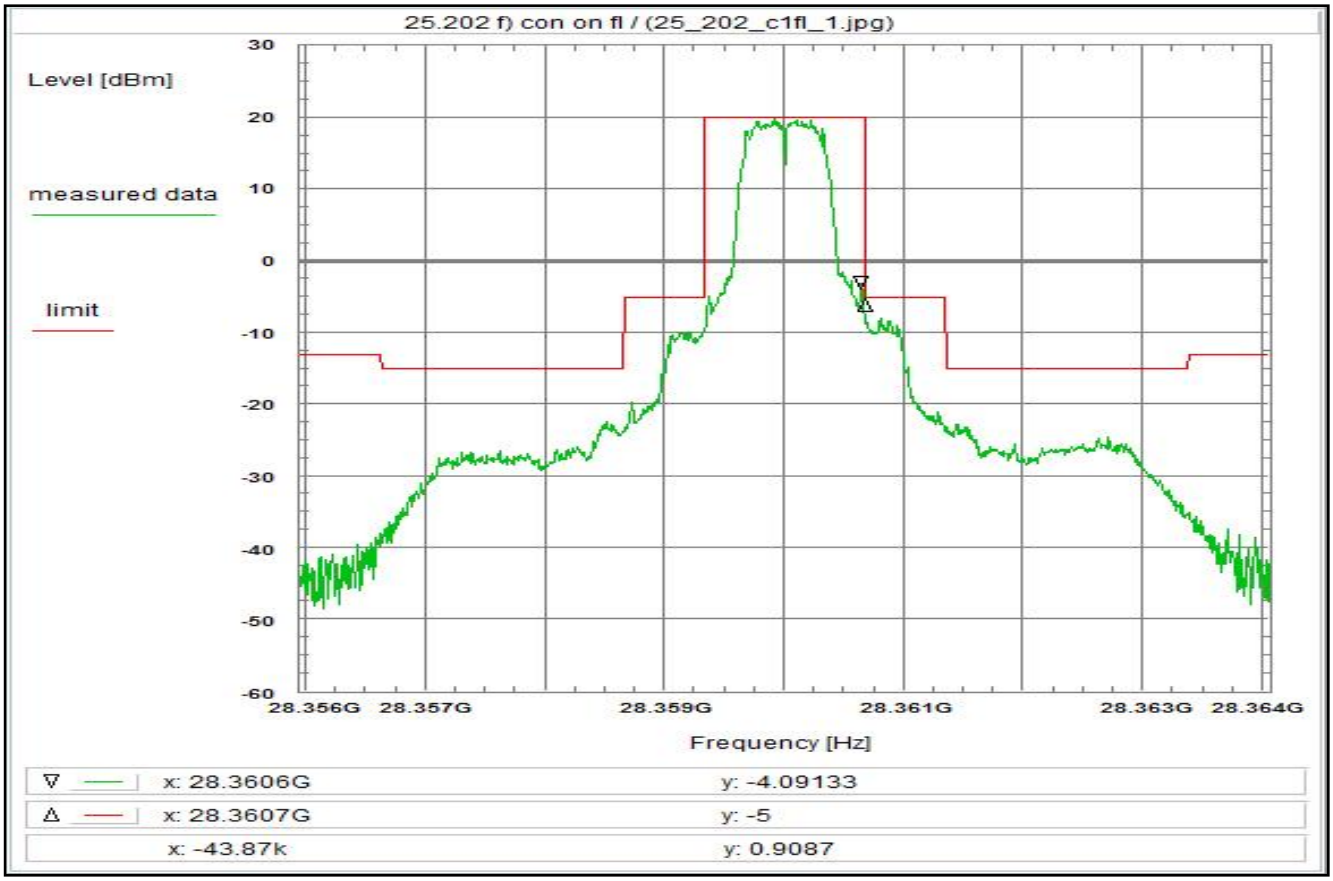
Start frequency:	75	GHz
Stop frequency:	110	GHz
Center frequency:	92.5	GHz
Frequency span:	35	GHz
Resolution-BW:	1	MHz
Video-BW:	3	MHz
Input attenuation:	10	dB
Trace-Mode:	Max-Hold	
Detector-Mode:	AVG	

Correction:

Directional coupler	+	0.0	dB
Coaxial cable	+	0.0	dB
DUT-Antenna		0.0	dBi
Test antenna (A028)	-	19.4	dB
BW correction factor	+	0.0	dB
Atten. between HPA and feedhorn	-	0.0	dB
Freefield attenuation (92.50GHz, 0.1m)	+	51.8	dB
TOTAL CORRECTION:	+	32.4	dB

Remarks:
Carrier-on state / Carrier in the middle of the band (fm)
Measurement for orientation with a measuring antenna
close to the DUT-cabinets (about 1m distance).
If any critical spurious radiations are detected a measurement
in an exactly defined distance will be carried out.

Plot No. 15



Subclause: 25.202 f) Frequencies, frequency tolerance and emission limitations
Emission limitations
Modulated rf-carrier at the lower edge of the band (fl)

Limit:
Limit acc. to §25.202 f):
50-100% of assigned bw: -25 dBc/4 kHz
100-250% of assigned bw: -35 dBc/4 kHz
> 250% of assigned bw: -43+10log(Pmax) dBc/4 kHz

Test results:
see plot (an explicit table was not generated)

Operating condition of DUT:
operating condition 1, see test report chapter 6.4

Test setup:
see test report chapter 7.2:

Test equipment:
see test report chapter 7.3: A031, C220, R001

Remark:

Test result: Test passed

Environment condition:

Date & Time:	Fri 20/May/2022 14:07:08	
Location:	CTC advanced GmbH, Laboratory RC-SYS	
Temperature:	22	°C
Humidity:	55	%
Voltage:	230	Vac

Setup of measurement equipment:

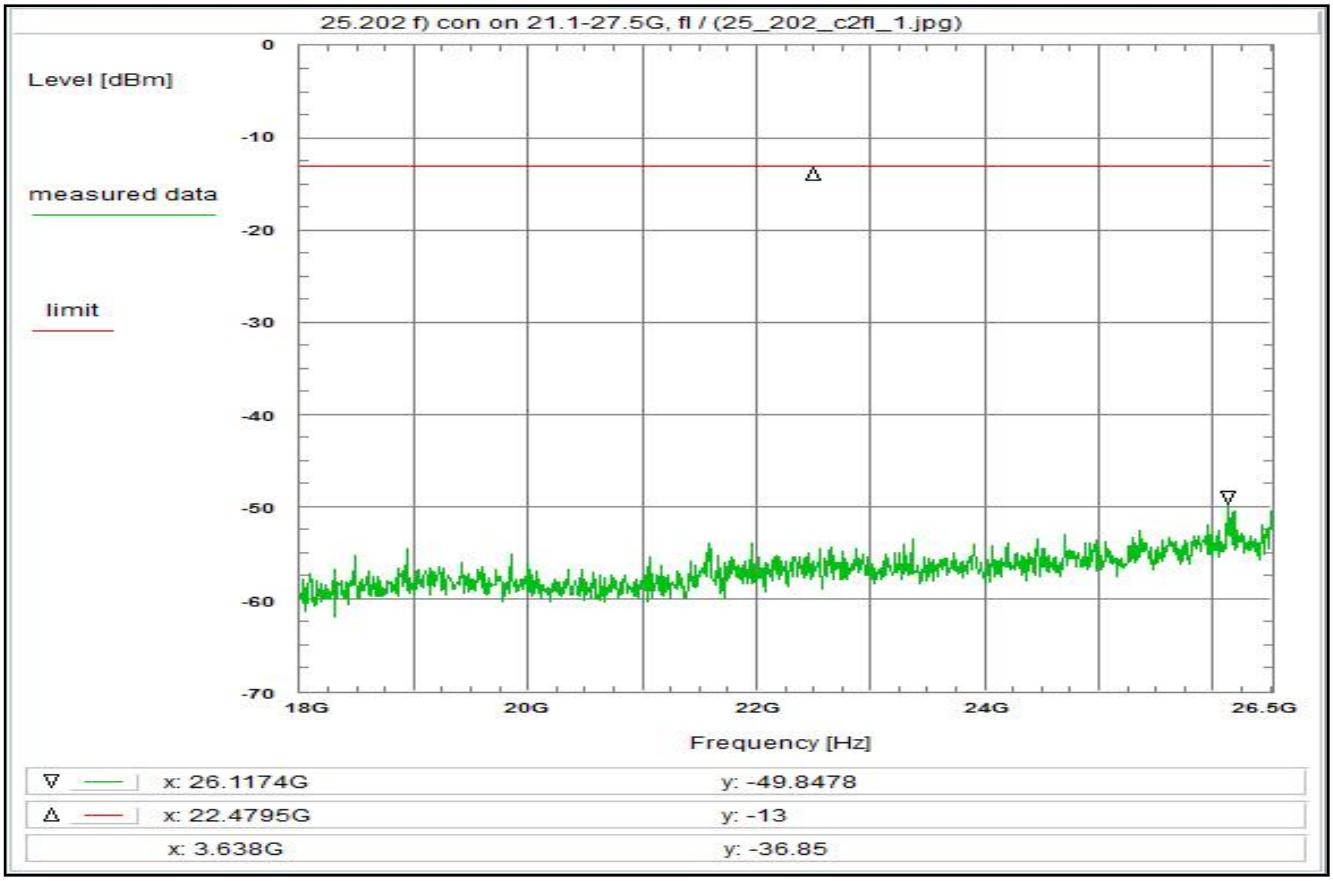
Start frequency:	28.35595	GHz
Stop frequency:	28.36405	GHz
Center frequency:	28.36	GHz
Frequency span:	8.1	MHz
Resolution-BW:	10	kHz
Video-BW:	30	kHz
Input attenuation:	6	dB
Trace-Mode:	Max-Hold	
Detector-Mode:	AVG	

Correction:

Directional coupler	+	0.0	dB
Coaxial cable (C220)	+	3.9	dB
DUT-Antenna		0.0	dBi
Test antenna (A031)	-	15.2	dB
BW correction factor (10k -> 4k)	-	4.0	dB
Atten. between HPA and feedhorn	-	0.0	dB
Freefield attenuation (28.36GHz, 5m)	+	75.5	dB
Circular polarization	+	3.0	dB
Additional Attenuation	+	0.2	dB
TOTAL CORRECTION:	+	63.4	dB

Remarks:
Carrier-on state / Carrier at the lower edge of the band (fl)

Plot No. 16



Subclause: 25.202 f) Frequencies, frequency tolerance and emission limitations
Emission limitations
Modulated rf-carrier at the lower edge of the band (fl)

Limit:
Limit acc. to §25.202 f):
50-100% of assigned bw: -25 dBc/4 kHz
100-250% of assigned bw: -35 dBc/4 kHz
> 250% of assigned bw: -43+10log(Pmax) dBc/4 kHz

Test results:
see plot (an explicit table was not generated)

Operating condition of DUT:
operating condition 1, see test report chapter 6.4

Test setup:
see test report chapter 7.2:

Test equipment:
see test report chapter 7.3: A019, C220, R001

Remark:

Test result: Test passed

Environment condition:

Date & Time:	Thu 19/May/2022 15:31:42	
Location:	CTC advanced GmbH, Laboratory RC-SYS	
Temperature:	22	°C
Humidity:	55	%
Voltage:	230	Vac

Setup of measurement equipment:

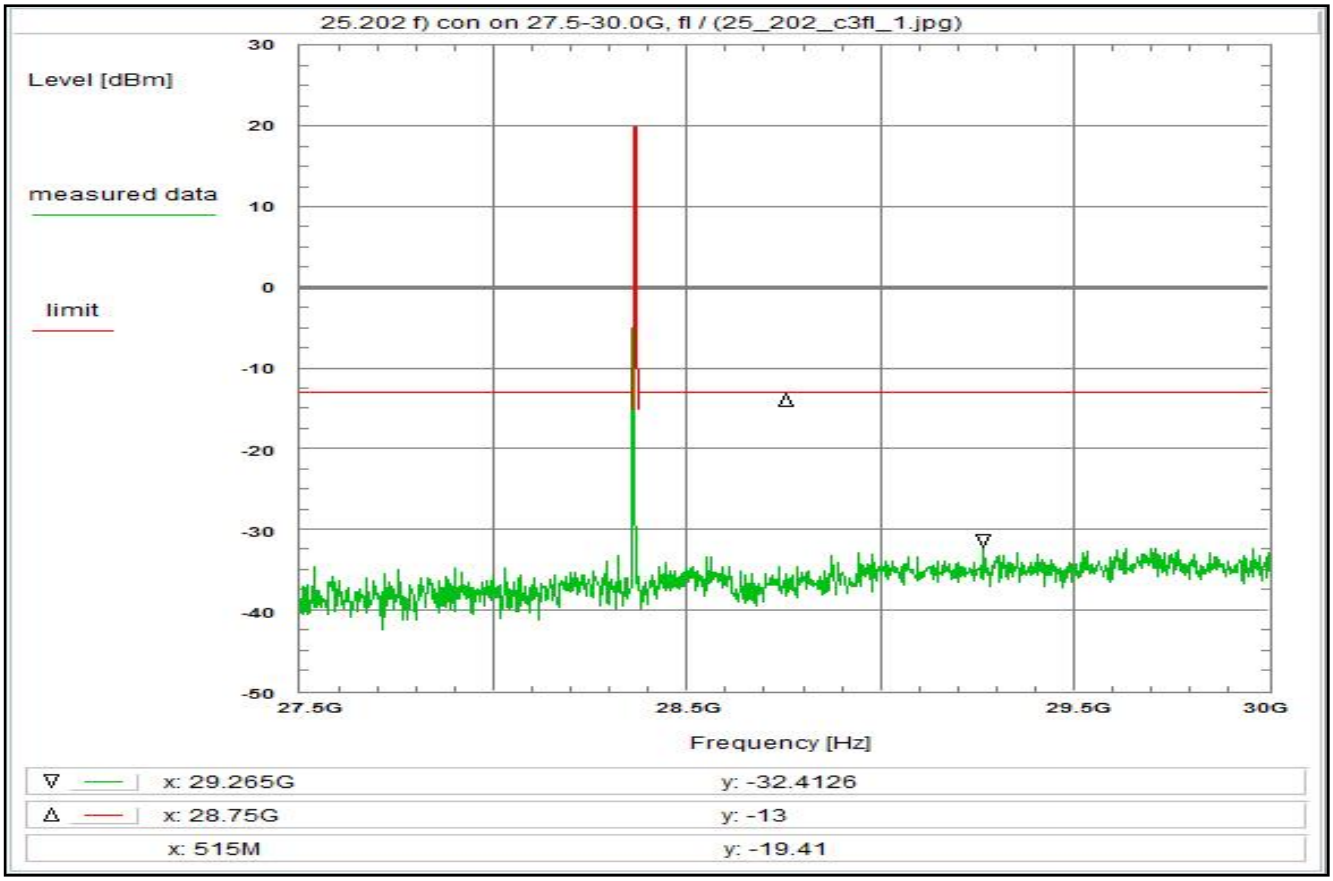
Start frequency:	18	GHz
Stop frequency:	26.5	GHz
Center frequency:	22.25	GHz
Frequency span:	8.5	GHz
Resolution-BW:	100	kHz
Video-BW:	300	kHz
Input attenuation:	0	dB
Trace-Mode:	Clear Write	
Detector-Mode:	AVG	

Correction:

Directional coupler	+	0.0	dB
Coaxial cable (C220)	+	3.5	dB
DUT-Antenna		0.0	dBi
Test antenna (A019)	-	19.3	dB
BW correction factor (100k -> 4k)	-	14.0	dB
Atten. between HPA and feedhorn	-	0.0	dB
Freefield attenuation (22.25GHz, 5m)	+	73.4	dB
Circular Polarization	+	3.0	dB
Additional attenuation	+	0.2	dB
TOTAL CORRECTION:	+	46.8	dB

Remarks:
Carrier-on state / Carrier at the lower edge of the band (fl)
Rather left the plot shows the cut-off of the wave guide.

Plot No. 17



Subclause: 25.202 f) Frequencies, frequency tolerance and emission limitations
Emission limitations
Modulated rf-carrier at the lower edge of the band (fl)

Limit:
Limit acc. to §25.202 f):
50-100% of assigned bw: -25 dBc/4 kHz
100-250% of assigned bw: -35 dBc/4 kHz
> 250% of assigned bw: -43+10log(Pmax) dBc/4 kHz

Test results:
see plot (an explicit table was not generated)

Operating condition of DUT:
operating condition 1, see test report chapter 6.4

Test setup:
see test report chapter 7.2:

Test equipment:
see test report chapter 7.3: A031, C220, R001

Remark:

Test result: Test passed

Environment condition:

Date & Time:	Fri 20/May/2022 14:08:37	
Location:	CTC advanced GmbH, Laboratory RC-SYS	
Temperature:	22	°C
Humidity:	55	%
Voltage:	230	Vac

Setup of measurement equipment:

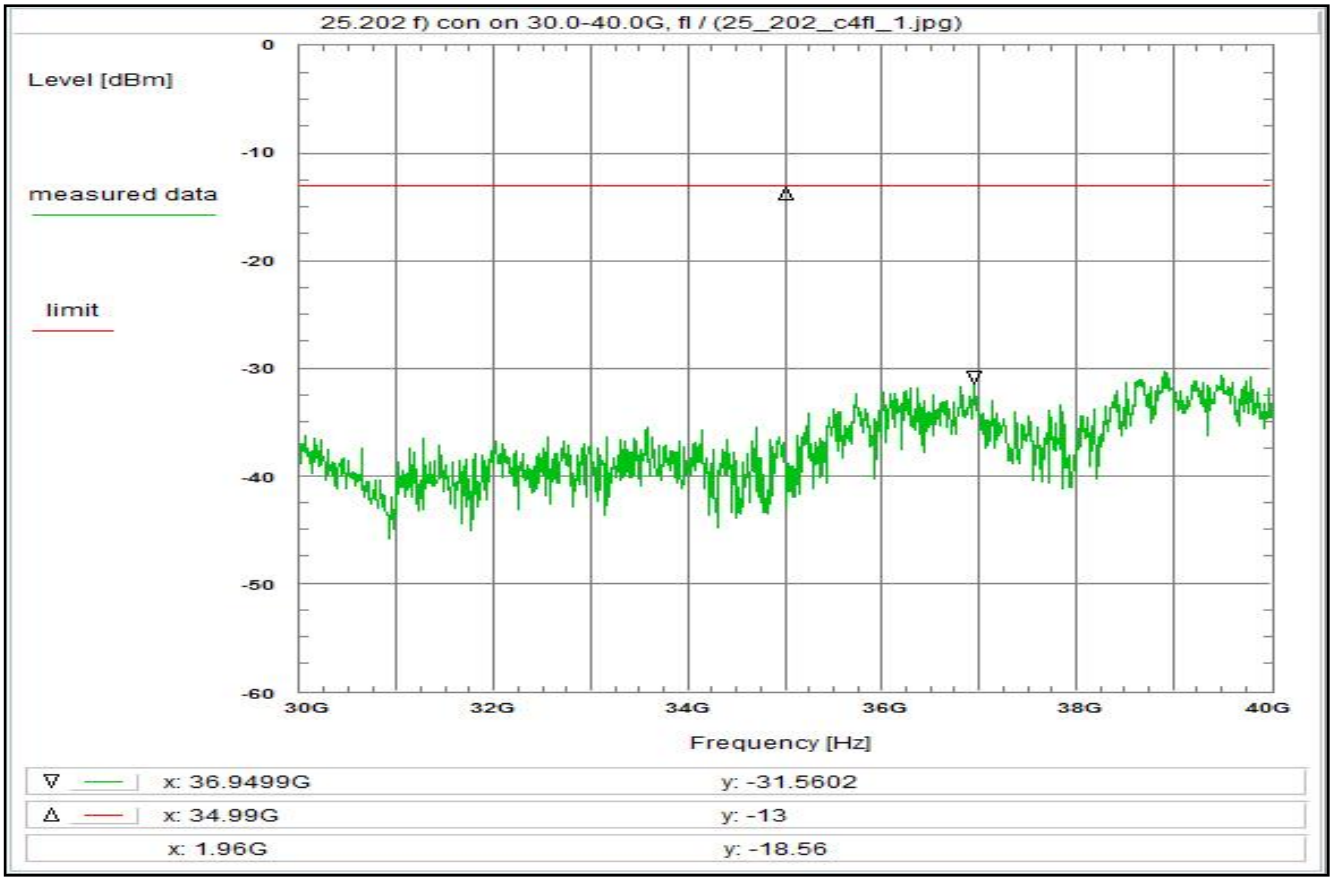
Start frequency:	27.5	GHz
Stop frequency:	30	GHz
Center frequency:	28.75	GHz
Frequency span:	2.5	GHz
Resolution-BW:	100	kHz
Video-BW:	300	kHz
Input attenuation:	6	dB
Trace-Mode:	Max-Hold	
Detector-Mode:	AVG	

Correction:

Directional coupler	+	0.0	dB
Coaxial cable (C220)	+	4.0	dB
DUT-Antenna		0.0	dBi
Test antenna (A031)	-	15.5	dB
BW correction factor (100k -> 4k)	-	14.0	dB
Atten. between HPA and feedhorn	-	0.0	dB
Freefield attenuation (28.36GHz, 5m)	+	75.5	dB
Circular polarization	+	3.0	dB
Additional Attenuation	+	0.2	dB
TOTAL CORRECTION:	+	53.2	dB

Remarks:
Carrier-on state / Carrier at the lower edge of the band (fl)

Plot No. 18



Subclause: 25.202 f) Frequencies, frequency tolerance and emission limitations
Emission limitations
Modulated rf-carrier at the lower edge of the band (fl)

Limit:
Limit acc. to §25.202 f):
50-100% of assigned bw: -25 dBc/4 kHz
100-250% of assigned bw: -35 dBc/4 kHz
> 250% of assigned bw: -43+10log(Pmax) dBc/4 kHz

Test results:
see plot (an explicit table was not generated)

Operating condition of DUT:
operating condition 1, see test report chapter 6.4

Test setup:
see test report chapter 7.2:

Test equipment:
see test report chapter 7.3: A031, C220, R001

Remark:

Test result: Test passed

Environment condition:

Date & Time:	Fri 20/May/2022 14:10:26	
Location:	CTC advanced GmbH, Laboratory RC-SYS	
Temperature:	22	°C
Humidity:	55	%
Voltage:	230	Vac

Setup of measurement equipment:

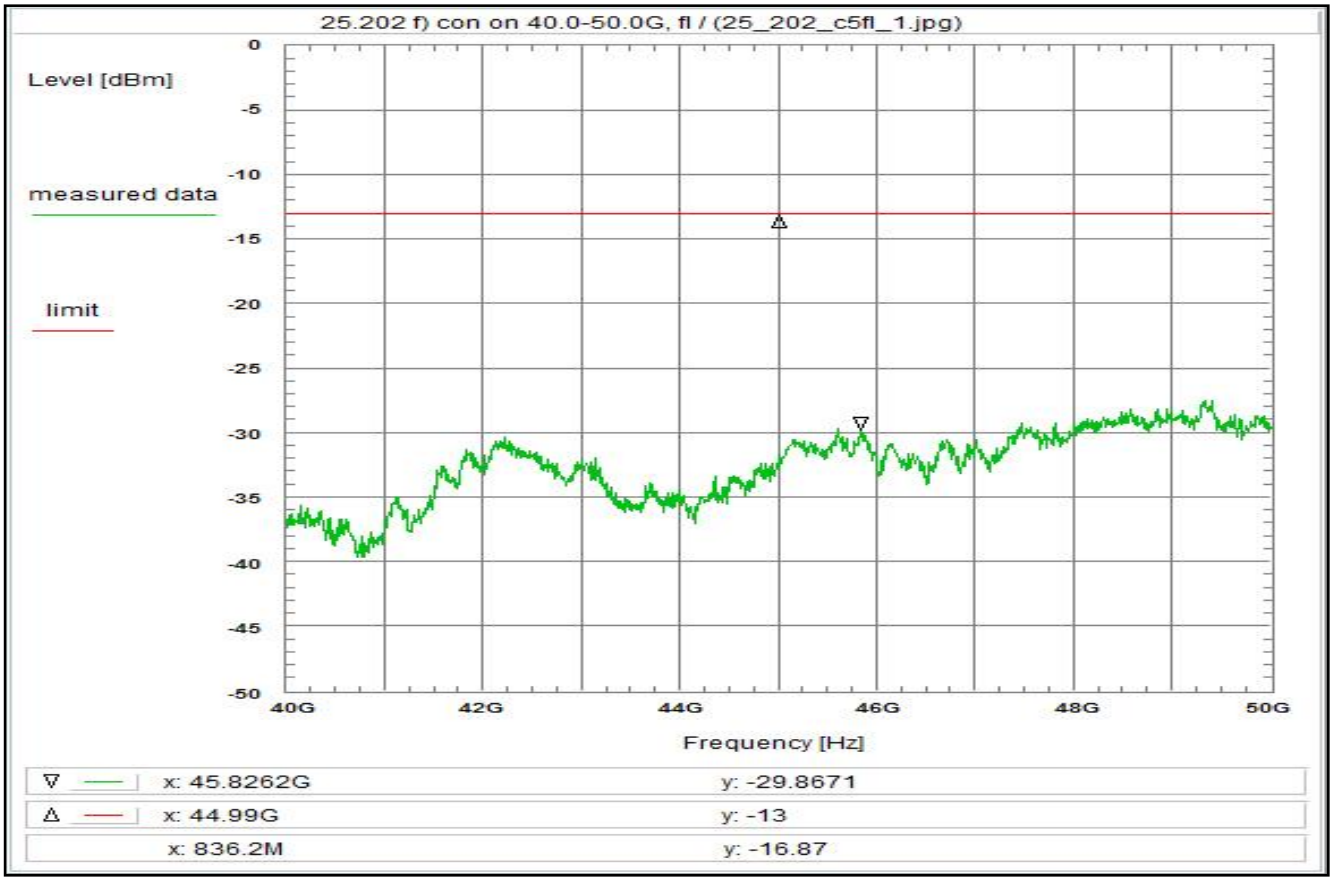
Start frequency:	30	GHz
Stop frequency:	40	GHz
Center frequency:	35	GHz
Frequency span:	10	GHz
Resolution-BW:	100	kHz
Video-BW:	300	kHz
Input attenuation:	6	dB
Trace-Mode:	Max-Hold	
Detector-Mode:	AVG	

Correction:

Directional coupler	+	0.0	dB
Coaxial cable (C220)	+	4.4	dB
DUT-Antenna		0.0	dBi
Test antenna (A031)	-	16.9	dB
BW correction factor (100k -> 4k)	-	14.0	dB
Atten. between HPA and feedhorn	-	0.0	dB
Freefield attenuation (35.00GHz, 5m)	+	77.3	dB
Circular polarization	+	3.0	dB
Additional Attenuation	+	0.2	dB
TOTAL CORRECTION:	+	54.0	dB

Remarks:
Carrier-on state / Carrier at the lower edge of the band (fl)

Plot No. 19



Subclause: 25.202 f) Frequencies, frequency tolerance and emission limitations
Emission limitations
Modulated rf-carrier at the lower edge of the band (fl)

Limit:
Limit acc. to §25.202 f):
50-100% of assigned bw: -25 dBc/4 kHz
100-250% of assigned bw: -35 dBc/4 kHz
> 250% of assigned bw: -43+10log(Pmax) dBc/4 kHz

Test results:
see plot (an explicit table was not generated)

Operating condition of DUT:
operating condition 1, see test report chapter 6.4

Test setup:
see test report chapter 7.2:

Test equipment:
see test report chapter 7.3: A_50, C220, R001

Remark:

Test result: Test passed

Environment condition:

Date & Time:	Thu 19/May/2022 15:24:38	
Location:	CTC advanced GmbH, Laboratory RC-SYS	
Temperature:	22	°C
Humidity:	55	%
Voltage:	230	Vac

Setup of measurement equipment:

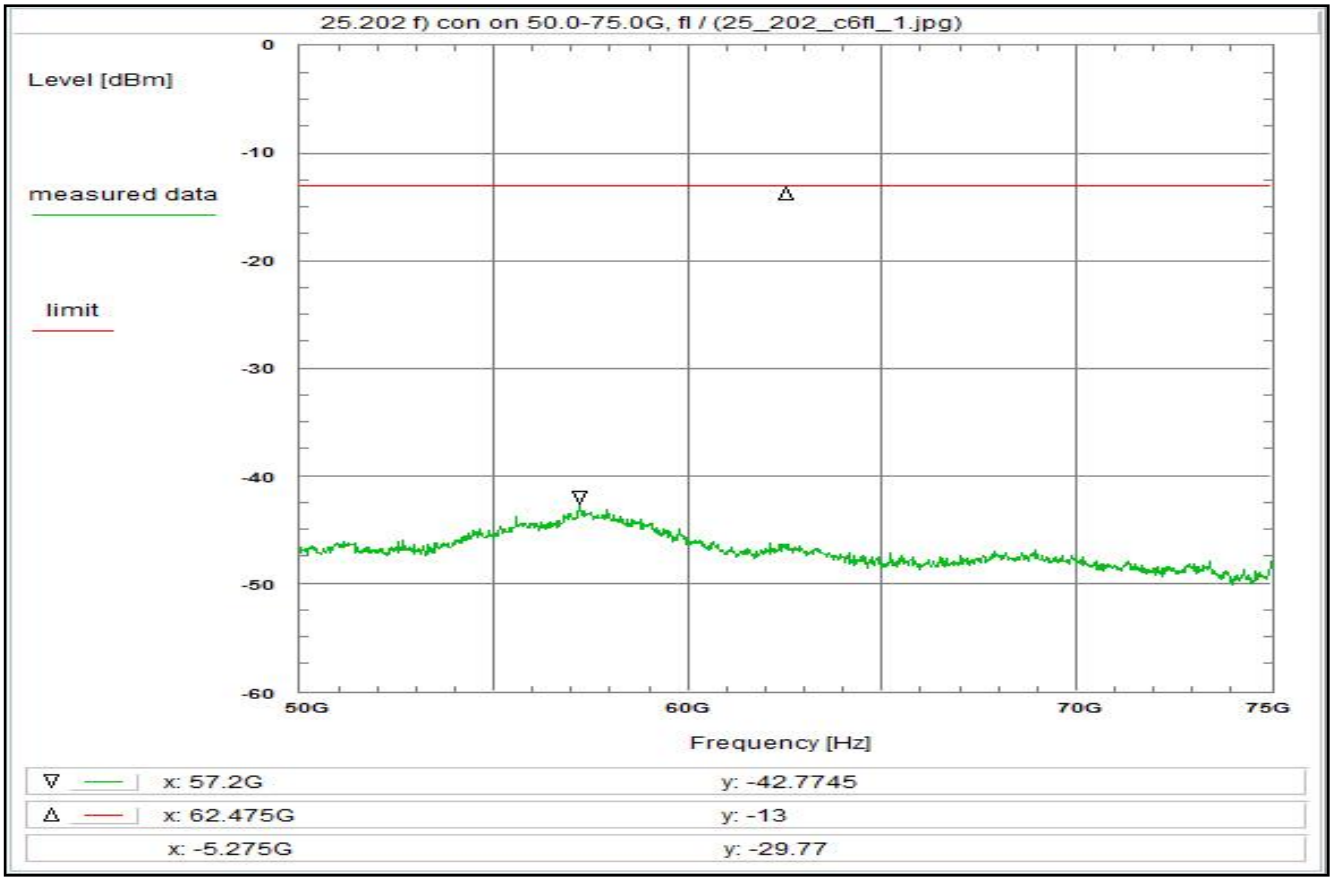
Start frequency:	40	GHz
Stop frequency:	50	GHz
Center frequency:	45	GHz
Frequency span:	10	GHz
Resolution-BW:	100	kHz
Video-BW:	300	kHz
Input attenuation:	0	dB
Trace-Mode:	Max-Hold	
Detector-Mode:	AVG	

Correction:

Directional coupler	+	0.0	dB
Coaxial cable (C220)	+	5.2	dB
DUT-Antenna		0.0	dBi
Test antenna (A_50)	-	19.9	dB
BW correction factor (100k -> 4k)	-	14.0	dB
Atten. between HPA and feedhorn	-	0.0	dB
Freefield attenuation (45.00GHz, 5m)	+	79.5	dB
Circular Polarization	+	3.0	dB
Additional attenuation	+	0.2	dB
TOTAL CORRECTION:	+	54.0	dB

Remarks:
Carrier-on state / Carrier at the lower edge of the band (fl)

Plot No. 20



Subclause: 25.202 f) Frequencies, frequency tolerance and emission limitations
Emission limitations
Modulated rf-carrier at the lower edge of the band (fl)

Limit:
Limit acc. to §25.202 f):
50-100% of assigned bw: -25 dBc/4 kHz
100-250% of assigned bw: -35 dBc/4 kHz
> 250% of assigned bw: -43+10log(Pmax) dBc/4 kHz

Test results:
see plot (an explicit table was not generated)

Operating condition of DUT:
operating condition 1, see test report chapter 6.4

Test setup:
see test report chapter 7.2:

Test equipment:
see test report chapter 7.3: A025, R001, R025

Remark:

Test result: **Test passed**

Environment condition:

Date & Time:	Thu 19/May/2022 14:51:52	
Location:	CTC advanced GmbH, Laboratory RC-SYS	
Temperature:	22	°C
Humidity:	55	%
Voltage:	230	Vac

Setup of measurement equipment:

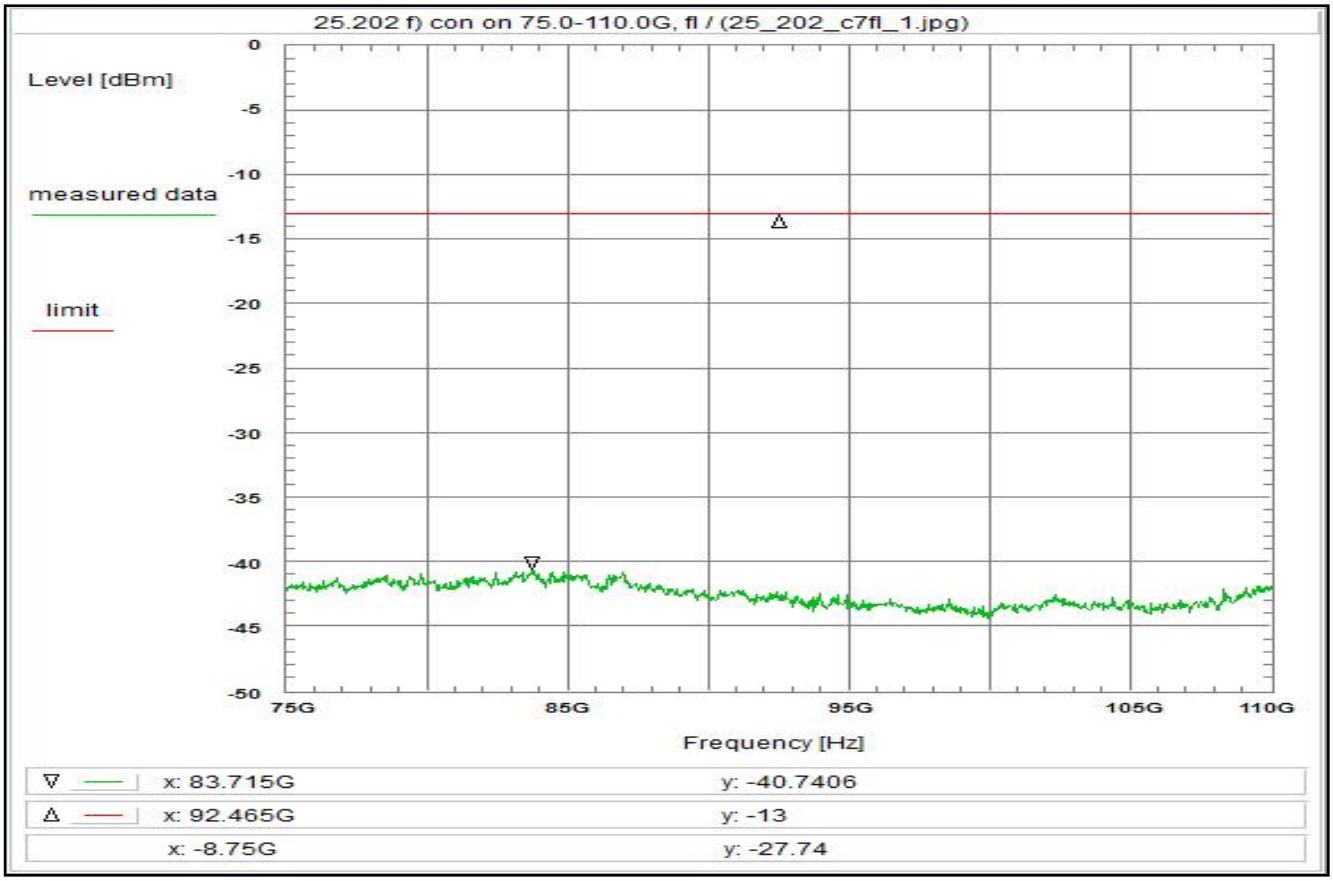
Start frequency:	50	GHz
Stop frequency:	75	GHz
Center frequency:	62.5	GHz
Frequency span:	25	GHz
Resolution-BW:	1	MHz
Video-BW:	3	MHz
Input attenuation:	0	dB
Trace-Mode:	Max-Hold	
Detector-Mode:	AVG	

Correction:

Directional coupler	+	0.0	dB
Coaxial cable	+	0.0	dB
DUT-Antenna	-	3.0	dBi
Test antenna (A025)	-	20.0	dB
BW correction factor (1M -> 4k)	-	24.0	dB
Atten. between HPA and feedhorn	-	0.0	dB
Freefield attenuation	+	81.2	dB
TOTAL CORRECTION:	+	34.2	dB

Remarks:
Carrier-on state / Carrier at the lower edge of the band (fl)

Plot No. 21



Subclause: 25.202 f) Frequencies, frequency tolerance and emission limitations
Emission limitations
Modulated rf-carrier at the lower edge of the band (fl)

Limit:
Limit acc. to §25.202 f):
50-100% of assigned bw: -25 dBc/4 kHz
100-250% of assigned bw: -35 dBc/4 kHz
> 250% of assigned bw: -43+10log(Pmax) dBc/4 kHz

Test results:
see plot (an explicit table was not generated)

Operating condition of DUT:
operating condition 1, see test report chapter 6.4

Test setup:
see test report chapter 7.2:

Test equipment:
see test report chapter 7.3: A028, R001, R029

Remark:

Test result: **Test passed**

Environment condition:

Date & Time:	Thu 19/May/2022 15:03:10	
Location:	CTC advanced GmbH, Laboratory RC-SYS	
Temperature:	22	°C
Humidity:	55	%
Voltage:	230	Vac

Setup of measurement equipment:

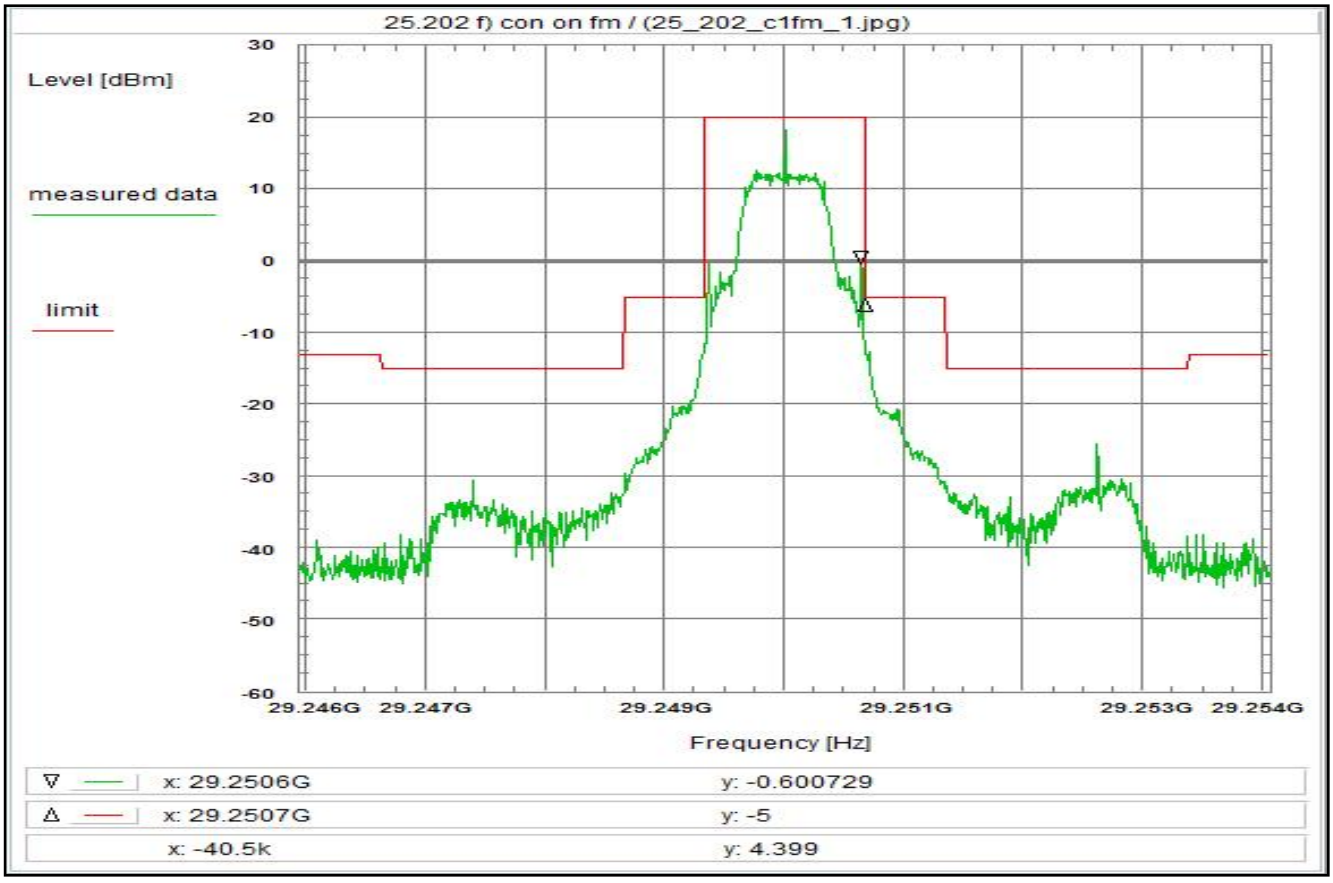
Start frequency:	75	GHz
Stop frequency:	110	GHz
Center frequency:	92.5	GHz
Frequency span:	35	GHz
Resolution-BW:	1	MHz
Video-BW:	3	MHz
Input attenuation:	0	dB
Trace-Mode:	Max-Hold	
Detector-Mode:	AVG	

Correction:

Directional coupler	+	0.0	dB
Coaxial cable	+	0.0	dB
DUT-Antenna	-	3.0	dBi
Test antenna (A028)	-	19.4	dB
BW correction factor (1M -> 4k)	-	24.0	dB
Atten. between HPA and feedhorn	-	0.0	dB
Freefield attenuation (92.50GHz, 5m)	+	85.7	dB
TOTAL CORRECTION:	+	39.3	dB

Remarks:
Carrier-on state / Carrier at the lower edge of the band (fl)

Plot No. 22



Subclause: 25.202 f) Frequencies, frequency tolerance and emission limitations
Emission limitations
Modulated rf-carrier in the middle of the band (fm)

Limit:
Limit acc. to §25.202 f):
50-100% of assigned bw: -25 dBc/4 kHz
100-250% of assigned bw: -35 dBc/4 kHz
> 250% of assigned bw: -43+10log(Pmax) dBc/4 kHz

Test results:
see plot (an explicit table was not generated)

Operating condition of DUT:
operating condition 1, see test report chapter 6.4

Test setup:
see test report chapter 7.2:

Test equipment:
see test report chapter 7.3: A031, C220, R001

Remark:

Test result: Test passed

Environment condition:

Date & Time:	Fri 20/May/2022 14:52:01	
Location:	CTC advanced GmbH, Laboratory RC-SYS	
Temperature:	22	°C
Humidity:	55	%
Voltage:	230	Vac

Setup of measurement equipment:

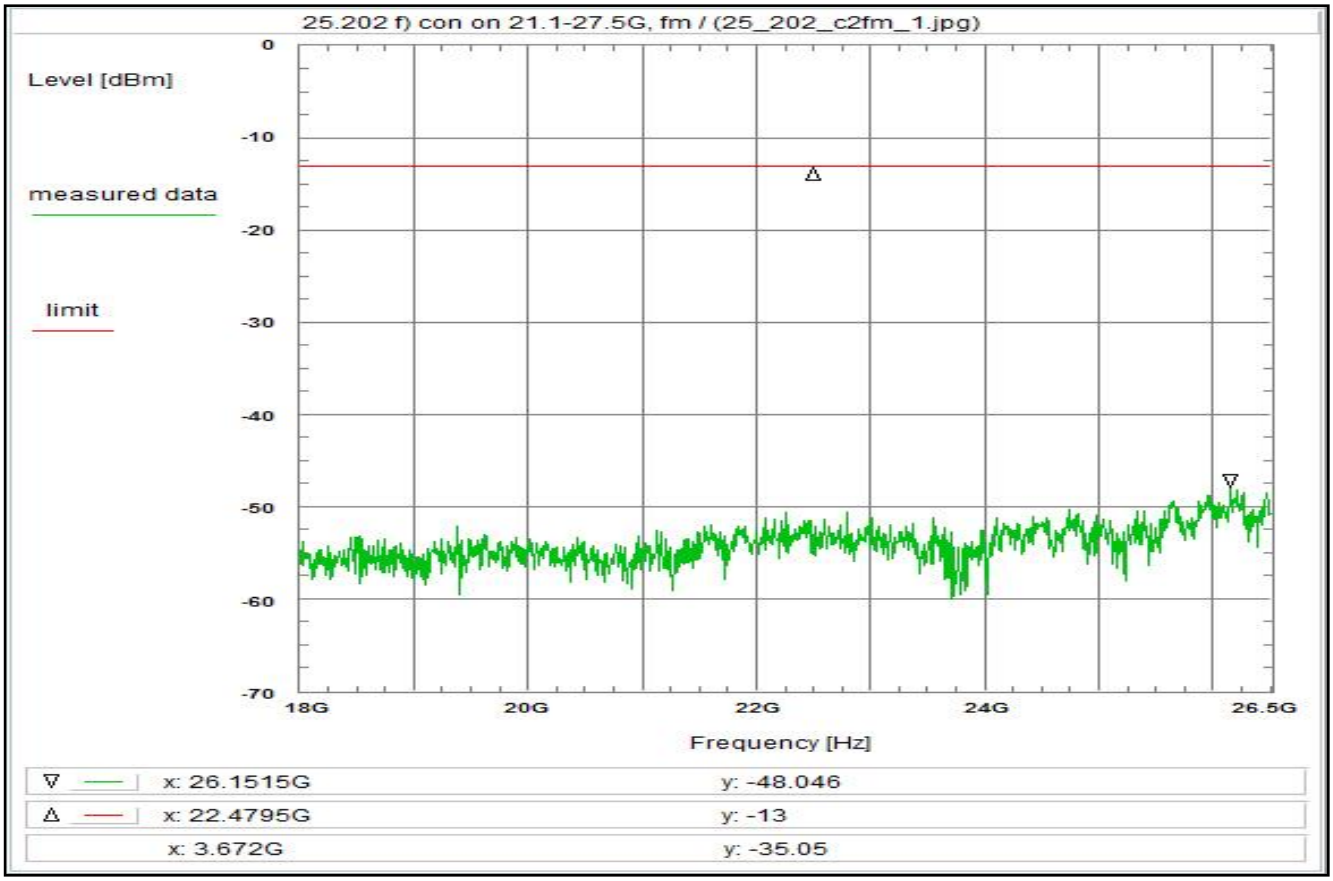
Start frequency:	29.24595	GHz
Stop frequency:	29.25405	GHz
Center frequency:	29.25	GHz
Frequency span:	8.1	MHz
Resolution-BW:	10	kHz
Video-BW:	30	kHz
Input attenuation:	6	dB
Trace-Mode:	Clear Write	
Detector-Mode:	AVG	

Correction:

Directional coupler	+	0.0	dB
Coaxial cable (C220)	+	4.0	dB
DUT-Antenna (see under limit)	+	0.0	dBi
Test antenna (A031)	-	15.8	dB
BW correction factor (10k -> 4k)	-	4.0	dB
Atten. between HPA and feedhorn	-	0.0	dB
Freefield attenuation (29.99GHz, 5m)	+	76.0	dB
Circular polarization	+	3.0	dB
Additional Attenuation	+	0.2	dB
TOTAL CORRECTION:	+	63.4	dB

Remarks:
Carrier-on state / Carrier in the middle of the band (fm)

Plot No. 23



Subclause: 25.202 f) Frequencies, frequency tolerance and emission limitations
Emission limitations
Modulated rf-carrier in the middle of the band (fm)

Limit:
Limit acc. to §25.202 f):
50-100% of assigned bw: -25 dBc/4 kHz
100-250% of assigned bw: -35 dBc/4 kHz
> 250% of assigned bw: -43+10log(Pmax) dBc/4 kHz

Test results:
see plot (an explicit table was not generated)

Operating condition of DUT:
operating condition 1, see test report chapter 6.4

Test setup:
see test report chapter 7.2:

Test equipment:
see test report chapter 7.3: A021, C220, R001

Remark:

Test result: Test passed

Environment condition:

Date & Time:	Thu 19/May/2022 15:35:32	
Location:	CTC advanced GmbH, Laboratory RC-SYS	
Temperature:	22	°C
Humidity:	55	%
Voltage:	230	Vac

Setup of measurement equipment:

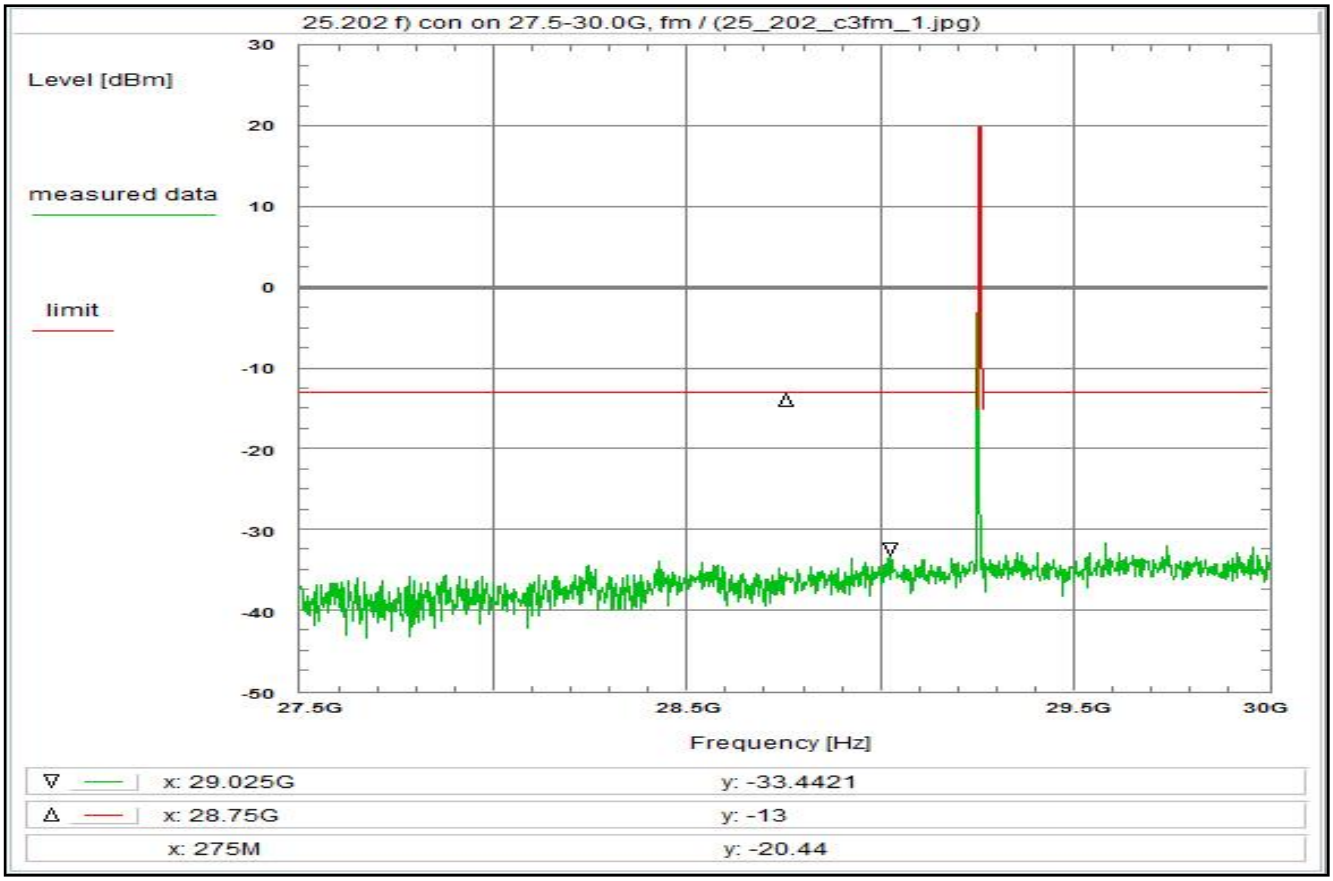
Start frequency:	18	GHz
Stop frequency:	26.5	GHz
Center frequency:	22.25	GHz
Frequency span:	8.5	GHz
Resolution-BW:	100	kHz
Video-BW:	300	kHz
Input attenuation:	0	dB
Trace-Mode:	Max-Hold	
Detector-Mode:	AVG	

Correction:

Directional coupler	+	0.0	dB
Coaxial cable (C220)	+	3.5	dB
DUT-Antenna		0.0	dBi
Test antenna (A019)	-	19.3	dB
BW correction factor (100k -> 4k)	-	14.0	dB
Atten. between HPA and feedhorn	-	0.0	dB
Freefield attenuation (22.25GHz, 5m)	+	73.4	dB
Circular Polarization	+	3.0	dB
Additional attenuation	+	0.2	dB
TOTAL CORRECTION:	+	46.8	dB

Remarks:
Carrier-on state / Carrier in the middle of the band (fm)
Rather left the plot shows the cut-off of the wave guide.

Plot No. 24



Subclause: 25.202 f) Frequencies, frequency tolerance and emission limitations
Emission limitations
Modulated rf-carrier in the middle of the band (fm)

Limit:
Limit acc. to §25.202 f):
50-100% of assigned bw: -25 dBc/4 kHz
100-250% of assigned bw: -35 dBc/4 kHz
> 250% of assigned bw: -43+10log(Pmax) dBc/4 kHz

Test results:
see plot (an explicit table was not generated)

Operating condition of DUT:
operating condition 1, see test report chapter 6.4

Test setup:
see test report chapter 7.2:

Test equipment:
see test report chapter 7.3: A031, C220, R001

Remark:

Test result: Test passed

Environment condition:

Date & Time:	Fri 20/May/2022 14:33:12	
Location:	CTC advanced GmbH, Laboratory RC-SYS	
Temperature:	22	°C
Humidity:	55	%
Voltage:	230	Vac

Setup of measurement equipment:

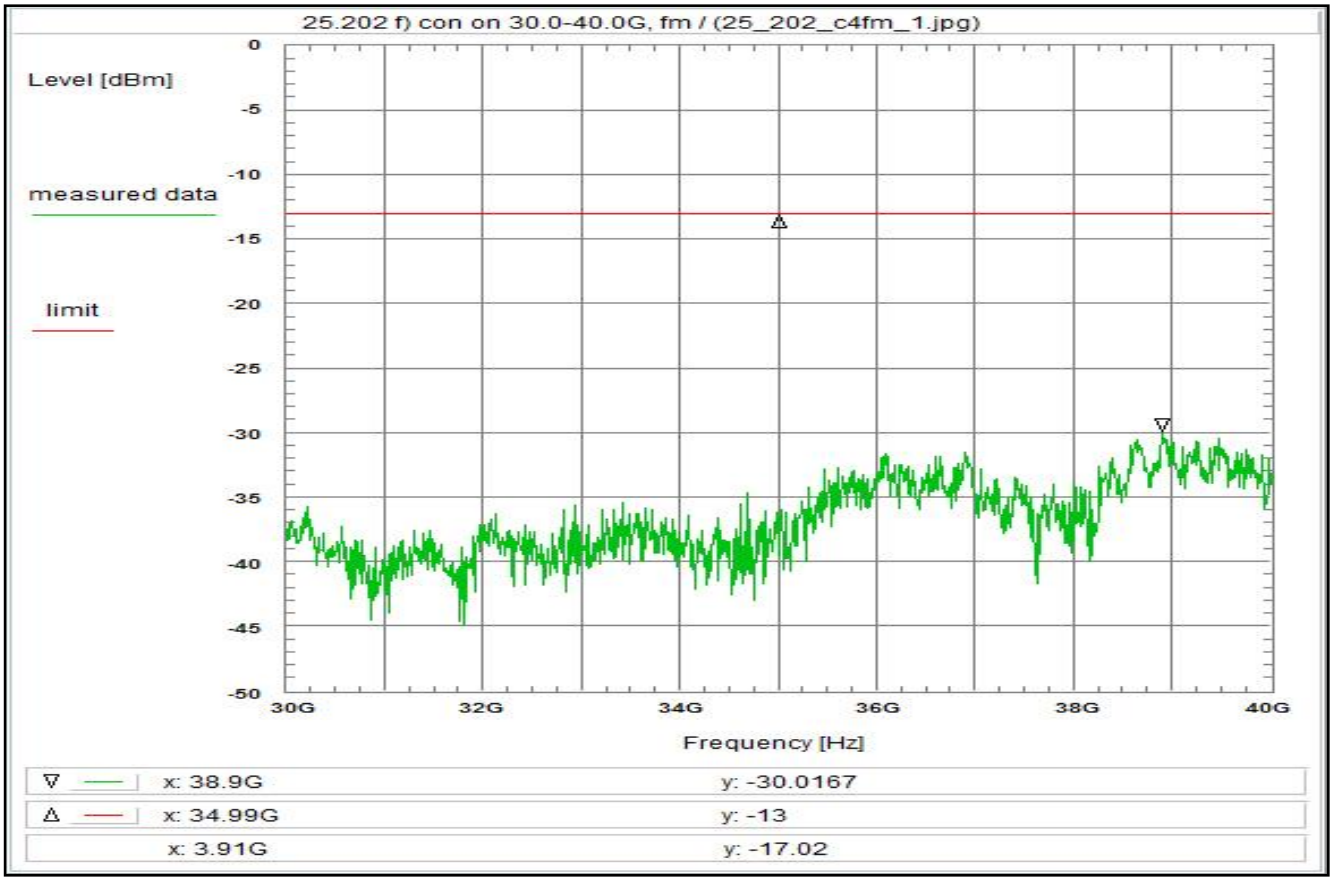
Start frequency:	27.5	GHz
Stop frequency:	30	GHz
Center frequency:	28.75	GHz
Frequency span:	2.5	GHz
Resolution-BW:	100	kHz
Video-BW:	300	kHz
Input attenuation:	6	dB
Trace-Mode:	Max-Hold	
Detector-Mode:	AVG	

Correction:

Directional coupler	+	0.0	dB
Coaxial cable (C220)	+	4.0	dB
DUT-Antenna (see under limit)	+	0.0	dBi
Test antenna (A031)	-	15.5	dB
BW correction factor (100k -> 4k)	-	14.0	dB
Atten. between HPA and feedhorn	-	0.0	dB
Freefield attenuation (28.75GHz, 5m)	+	75.6	dB
Circular polarization	+	3.0	dB
Additional Attenuation	+	0.2	dB
TOTAL CORRECTION:	+	53.3	dB

Remarks:
Carrier-on state / Carrier in the middle of the band (fm)

Plot No. 25



Subclause: 25.202 f) Frequencies, frequency tolerance and emission limitations
Emission limitations
Modulated rf-carrier in the middle of the band (fm)

Limit:
Limit acc. to §25.202 f):
50-100% of assigned bw: -25 dBc/4 kHz
100-250% of assigned bw: -35 dBc/4 kHz
> 250% of assigned bw: -43+10log(Pmax) dBc/4 kHz

Test results:
see plot (an explicit table was not generated)

Operating condition of DUT:
operating condition 1, see test report chapter 6.4

Test setup:
see test report chapter 7.2:

Test equipment:
see test report chapter 7.3: A031, C220, R001

Remark:

Test result: Test passed

Environment condition:

Date & Time:	Fri 20/May/2022 14:35:28	
Location:	CTC advanced GmbH, Laboratory RC-SYS	
Temperature:	22	°C
Humidity:	55	%
Voltage:	230	Vac

Setup of measurement equipment:

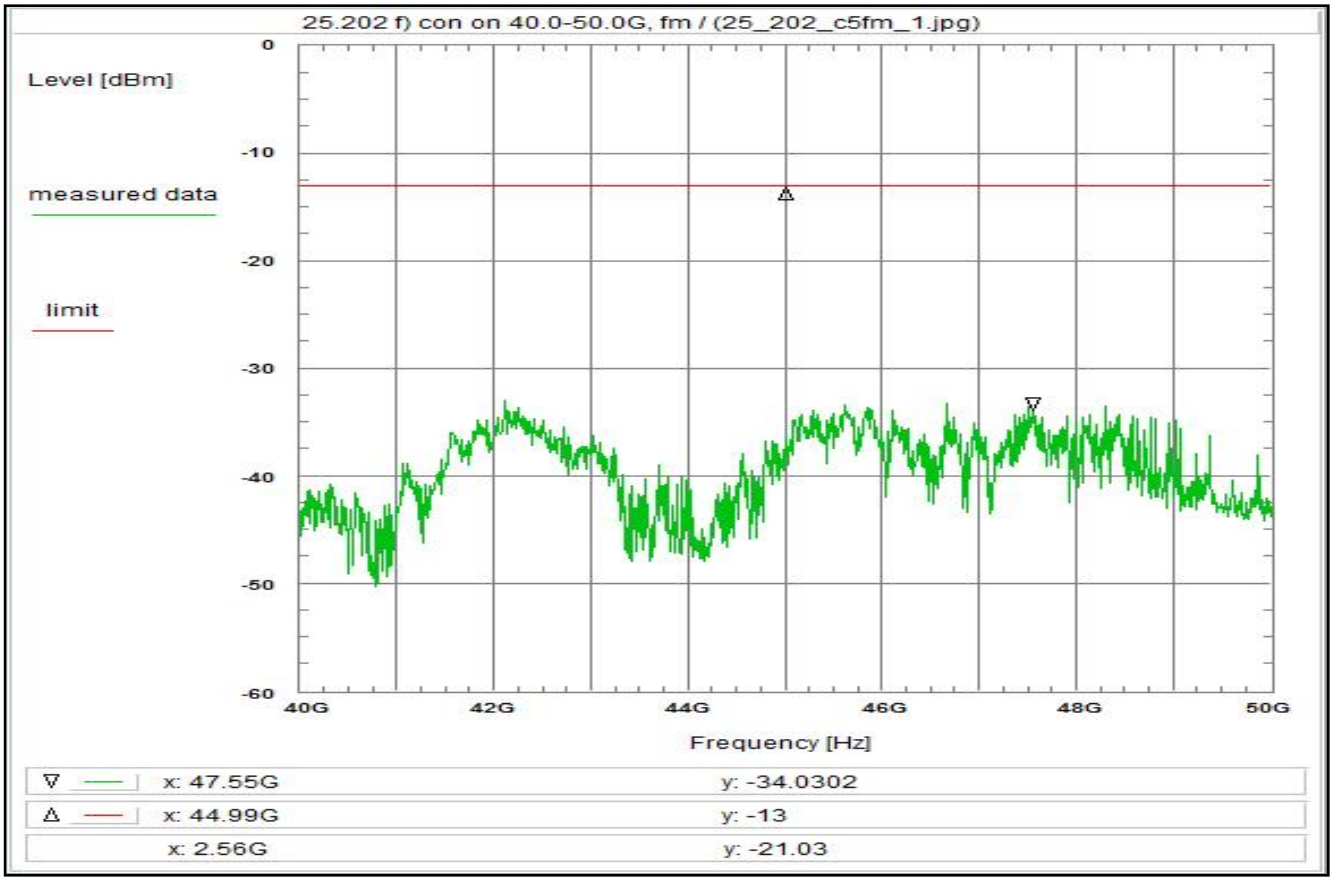
Start frequency:	30	GHz
Stop frequency:	40	GHz
Center frequency:	35	GHz
Frequency span:	10	GHz
Resolution-BW:	100	kHz
Video-BW:	300	kHz
Input attenuation:	6	dB
Trace-Mode:	Max-Hold	
Detector-Mode:	AVG	

Correction:

Directional coupler	+	0.0	dB
Coaxial cable (C220)	+	4.4	dB
DUT-Antenna (see under limit)	+	0.0	dBi
Test antenna (A031)	-	16.9	dB
BW correction factor (100k -> 4k)	-	14.0	dB
Atten. between HPA and feedhorn	-	0.0	dB
Freefield attenuation (35.00GHz, 5m)	+	77.3	dB
Circular polarization	+	3.0	dB
Additional Attenuation	+	0.2	dB
TOTAL CORRECTION:	+	54.0	dB

Remarks:
Carrier-on state / Carrier in the middle of the band (fm)

Plot No. 26



Subclause: 25.202 f) Frequencies, frequency tolerance and emission limitations
Emission limitations
Modulated rf-carrier in the middle of the band (fm)

Limit:
Limit acc. to §25.202 f):
50-100% of assigned bw: -25 dBc/4 kHz
100-250% of assigned bw: -35 dBc/4 kHz
> 250% of assigned bw: -43+10log(Pmax) dBc/4 kHz

Test results:
see plot (an explicit table was not generated)

Operating condition of DUT:
operating condition 1, see test report chapter 6.4

Test setup:
see test report chapter 7.2:

Test equipment:
see test report chapter 7.3: A_50, C220, R001

Remark:

Test result: Test passed

Environment condition:

Date & Time:	Thu 19/May/2022 15:23:03	
Location:	CTC advanced GmbH, Laboratory RC-SYS	
Temperature:	22	°C
Humidity:	55	%
Voltage:	230	Vac

Setup of measurement equipment:

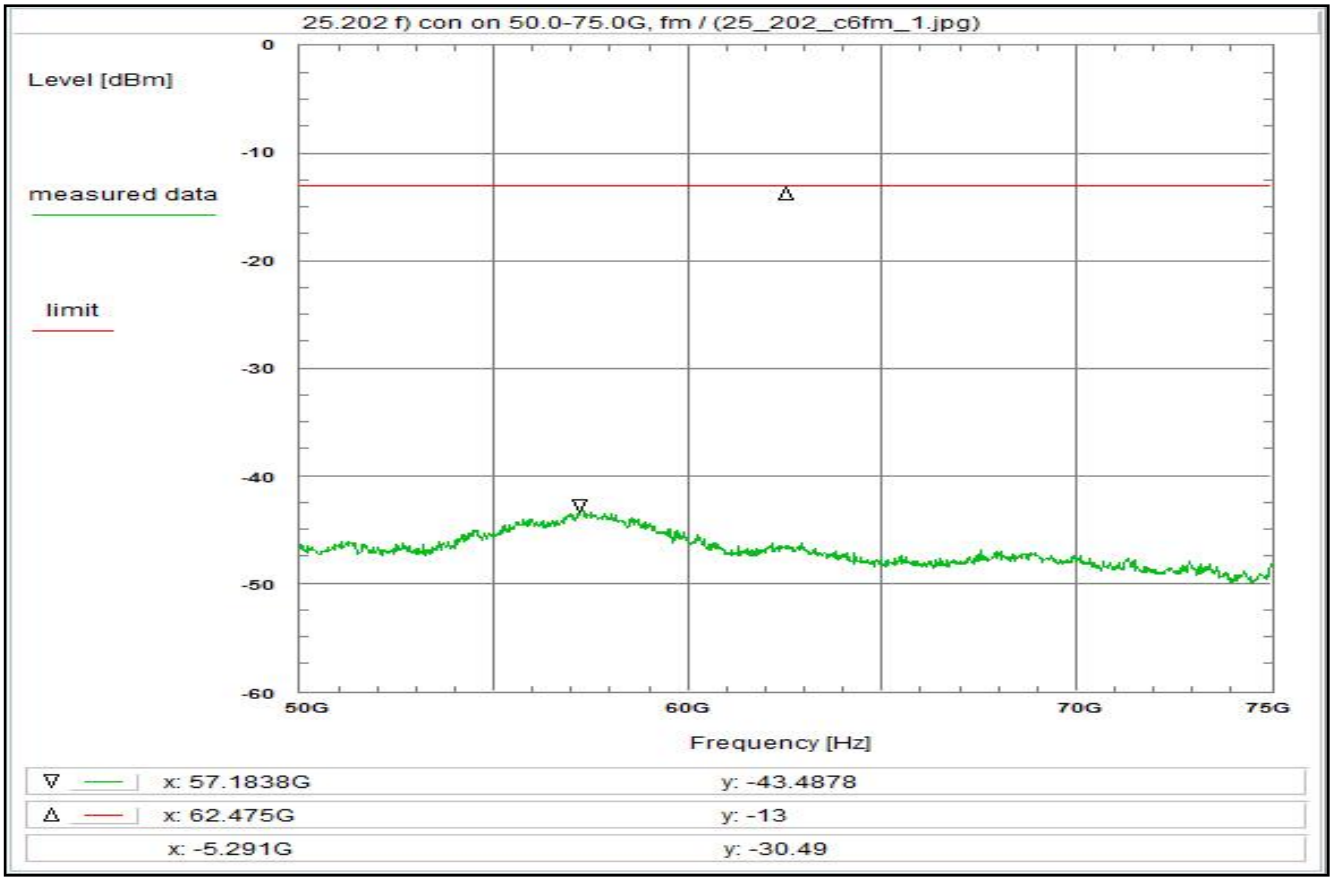
Start frequency:	40	GHz
Stop frequency:	50	GHz
Center frequency:	45	GHz
Frequency span:	10	GHz
Resolution-BW:	100	kHz
Video-BW:	300	kHz
Input attenuation:	0	dB
Trace-Mode:	Max-Hold	
Detector-Mode:	AVG	

Correction:

Directional coupler	+	0.0	dB
Coaxial cable (C220)	+	5.2	dB
DUT-Antenna		0.0	dBi
Test antenna (A_50)	-	19.9	dB
BW correction factor (100k -> 4k)	-	14.0	dB
Atten. between HPA and feedhorn	-	0.0	dB
Freefield attenuation (45.00GHz, 5m)	+	79.5	dB
Circular Polarization	+	3.0	dB
Additional attenuation	+	0.2	dB
TOTAL CORRECTION:	+	54.0	dB

Remarks:
Carrier-on state / Carrier in the middle of the band (fm)

Plot No. 27



Subclause: 25.202 f) Frequencies, frequency tolerance and emission limitations
Emission limitations
Modulated rf-carrier in the middle of the band (fm)

Limit:
Limit acc. to §25.202 f):
50-100% of assigned bw: -25 dBc/4 kHz
100-250% of assigned bw: -35 dBc/4 kHz
> 250% of assigned bw: -43+10log(Pmax) dBc/4 kHz

Test results:
see plot (an explicit table was not generated)

Operating condition of DUT:
operating condition 1, see test report chapter 6.4

Test setup:
see test report chapter 7.2:

Test equipment:
see test report chapter 7.3: A025, R001, R025

Remark:

Test result: **Test passed**

Environment condition:

Date & Time:	Thu 19/May/2022 14:49:13	
Location:	CTC advanced GmbH, Laboratory RC-SYS	
Temperature:	22	°C
Humidity:	55	%
Voltage:	230	Vac

Setup of measurement equipment:

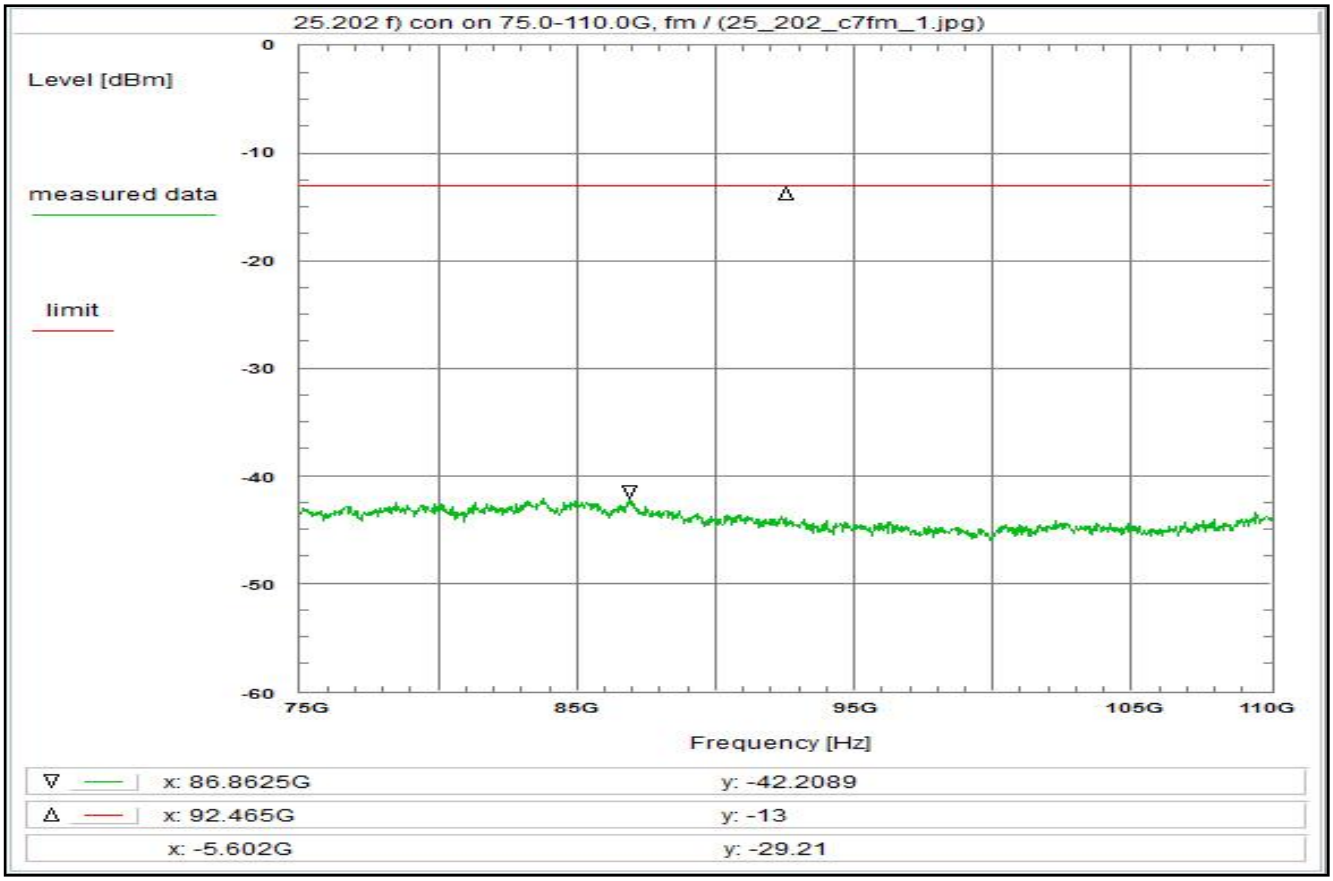
Start frequency:	50	GHz
Stop frequency:	75	GHz
Center frequency:	62.5	GHz
Frequency span:	25	GHz
Resolution-BW:	1	MHz
Video-BW:	3	MHz
Input attenuation:	0	dB
Trace-Mode:	Max-Hold	
Detector-Mode:	AVG	

Correction:

Directional coupler	+	0.0	dB
Coaxial cable	+	0.0	dB
DUT-Antenna	-	3.0	dBi
Test antenna (A025)	-	20.0	dB
BW correction factor (1M -> 4k)	-	24.0	dB
Atten. between HPA and feedhorn	-	0.0	dB
Freefield attenuation	+	81.2	dB
TOTAL CORRECTION:	+	34.2	dB

Remarks:
Carrier-on state / Carrier in the middle of the band (fm)

Plot No. 28



Subclause: 25.202 f) Frequencies, frequency tolerance and emission limitations
Emission limitations
Modulated rf-carrier in the middle of the band (fm)

Limit:
Limit acc. to §25.202 f):
50-100% of assigned bw: -25 dBc/4 kHz
100-250% of assigned bw: -35 dBc/4 kHz
> 250% of assigned bw: -43+10log(Pmax) dBc/4 kHz

Test results:
see plot (an explicit table was not generated)

Operating condition of DUT:
operating condition 1, see test report chapter 6.4

Test setup:
see test report chapter 7.2:

Test equipment:
see test report chapter 7.3: A028, R001, R029

Remark:

Test result: **Test passed**

Environment condition:

Date & Time:	Thu 19/May/2022 15:01:42	
Location:	CTC advanced GmbH, Laboratory RC-SYS	
Temperature:	22	°C
Humidity:	55	%
Voltage:	230	Vac

Setup of measurement equipment:

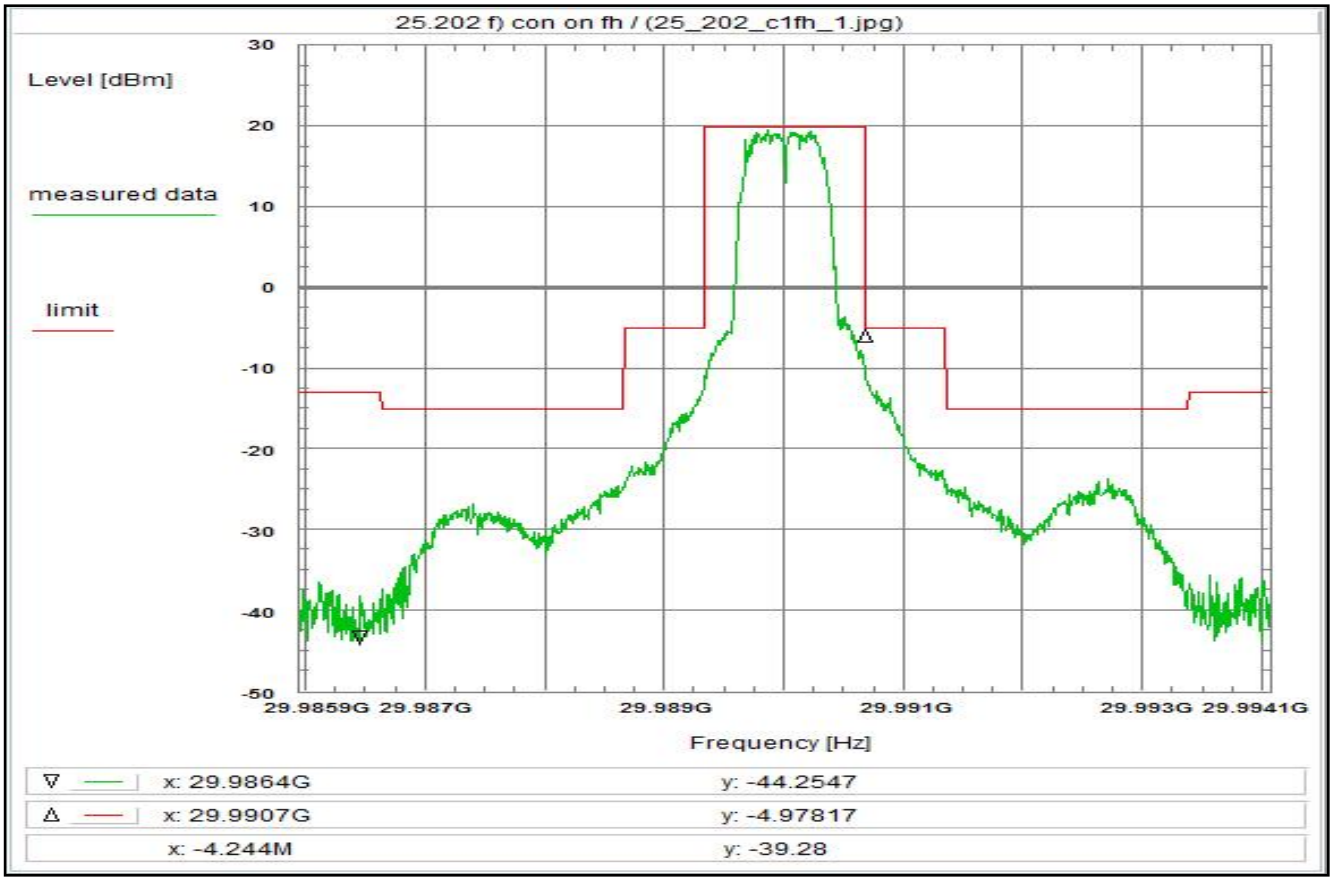
Start frequency:	75	GHz
Stop frequency:	110	GHz
Center frequency:	92.5	GHz
Frequency span:	35	GHz
Resolution-BW:	100	kHz
Video-BW:	300	kHz
Input attenuation:	0	dB
Trace-Mode:	Clear Write	
Detector-Mode:	AVG	

Correction:

Directional coupler	+	0.0	dB
Coaxial cable	+	0.0	dB
DUT-Antenna	-	3.0	dBi
Test antenna (A028)	-	19.4	dB
BW correction factor (100k -> 4k)	-	14.0	dB
Atten. between HPA and feedhorn	-	0.0	dB
Freefield attenuation (92.50GHz, 5m)	+	85.7	dB
TOTAL CORRECTION:	+	49.3	dB

Remarks:
Carrier-on state / Carrier in the middle of the band (fm)

Plot No. 29



Subclause: 25.202 f) Frequencies, frequency tolerance and emission limitations
Emission limitations
Modulated rf-carrier at the upper edge of the band (fh)

Limit:
Limit acc. to §25.202 f):
50-100% of assigned bw: -25 dBc/4 kHz
100-250% of assigned bw: -35 dBc/4 kHz
> 250% of assigned bw: -43+10log(Pmax) dBc/4 kHz

Test results:
see plot (an explicit table was not generated)

Operating condition of DUT:
operating condition 1, see test report chapter 6.4

Test setup:
see test report chapter 7.2:

Test equipment:
see test report chapter 7.3: A031, C220, R001

Remark:

Test result: Test passed

Environment condition:

Date & Time:	Fri 20/May/2022 14:38:25	
Location:	CTC advanced GmbH, Laboratory RC-SYS	
Temperature:	22	°C
Humidity:	55	%
Voltage:	230	Vac

Setup of measurement equipment:

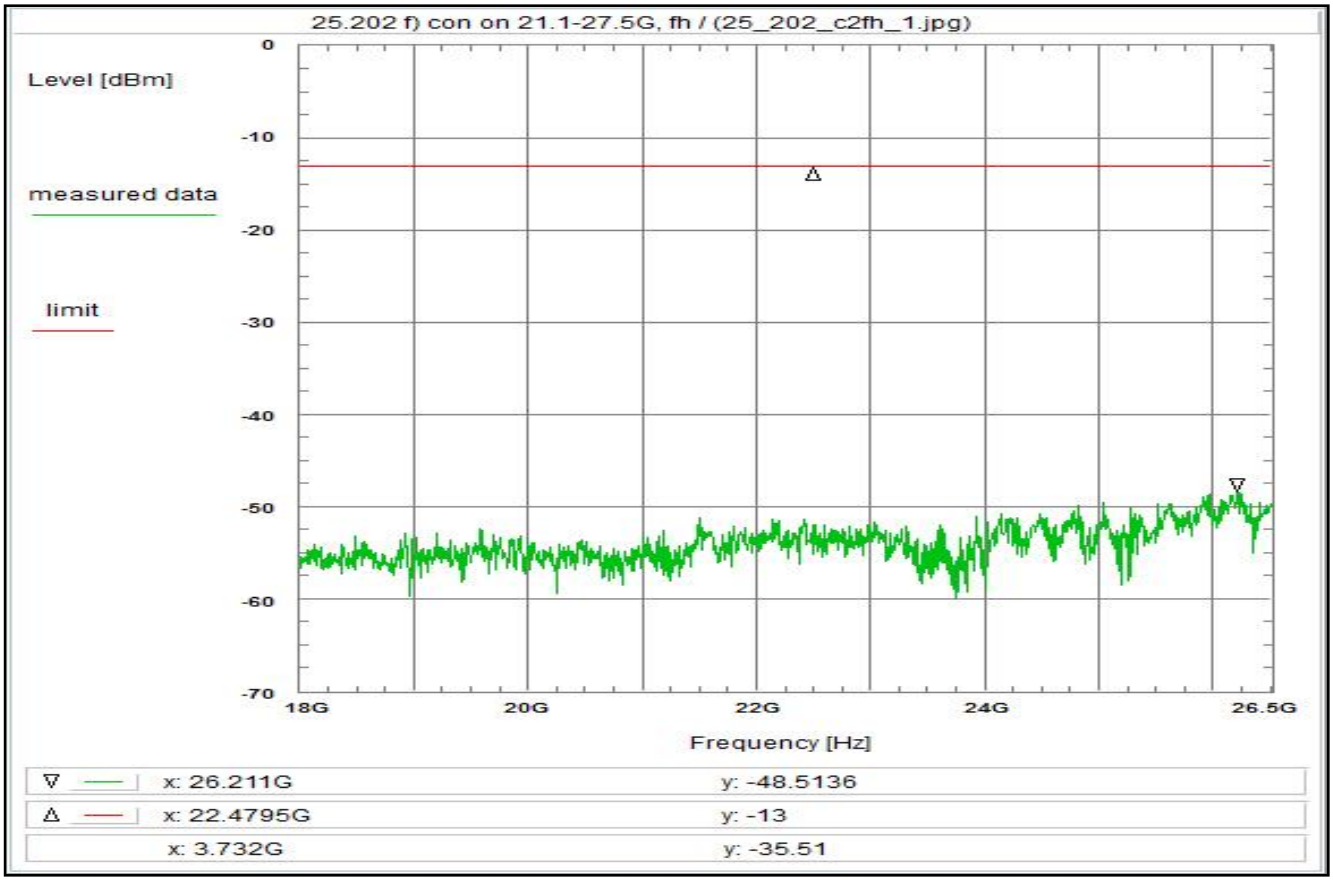
Start frequency:	29.98595	GHz
Stop frequency:	29.99405	GHz
Center frequency:	29.99	GHz
Frequency span:	8.1	MHz
Resolution-BW:	10	kHz
Video-BW:	30	kHz
Input attenuation:	6	dB
Trace-Mode:	Clear Write	
Detector-Mode:	AVG	

Correction:

Directional coupler	+	0.0	dB
Coaxial cable (C220)	+	4.1	dB
DUT-Antenna (see under limit)	+	0.0	dBi
Test antenna (A031)	-	15.8	dB
BW correction factor (10k -> 4k)	-	4.0	dB
Atten. between HPA and feedhorn	-	0.0	dB
Freefield attenuation (29.99GHz, 5m)	+	76.0	dB
Circular polarization	+	3.0	dB
Additional Attenuation	+	0.2	dB
TOTAL CORRECTION:	+	63.5	dB

Remarks:
Carrier-on state / Carrier at the upper edge of the band (fh)

Plot No. 30



Subclause: 25.202 f) Frequencies, frequency tolerance and emission limitations
Emission limitations
Modulated rf-carrier at the upper edge of the band (fh)

Limit:
Limit acc. to §25.202 f):
50-100% of assigned bw: -25 dBc/4 kHz
100-250% of assigned bw: -35 dBc/4 kHz
> 250% of assigned bw: -43+10log(Pmax) dBc/4 kHz

Test results:
see plot (an explicit table was not generated)

Operating condition of DUT:
operating condition 1, see test report chapter 6.4

Test setup:
see test report chapter 7.2:

Test equipment:
see test report chapter 7.3: A019, C220, R001

Remark:

Test result: Test passed

Environment condition:

Date & Time:	Thu 19/May/2022 15:38:46	
Location:	CTC advanced GmbH, Laboratory RC-SYS	
Temperature:	22	°C
Humidity:	55	%
Voltage:	230	Vac

Setup of measurement equipment:

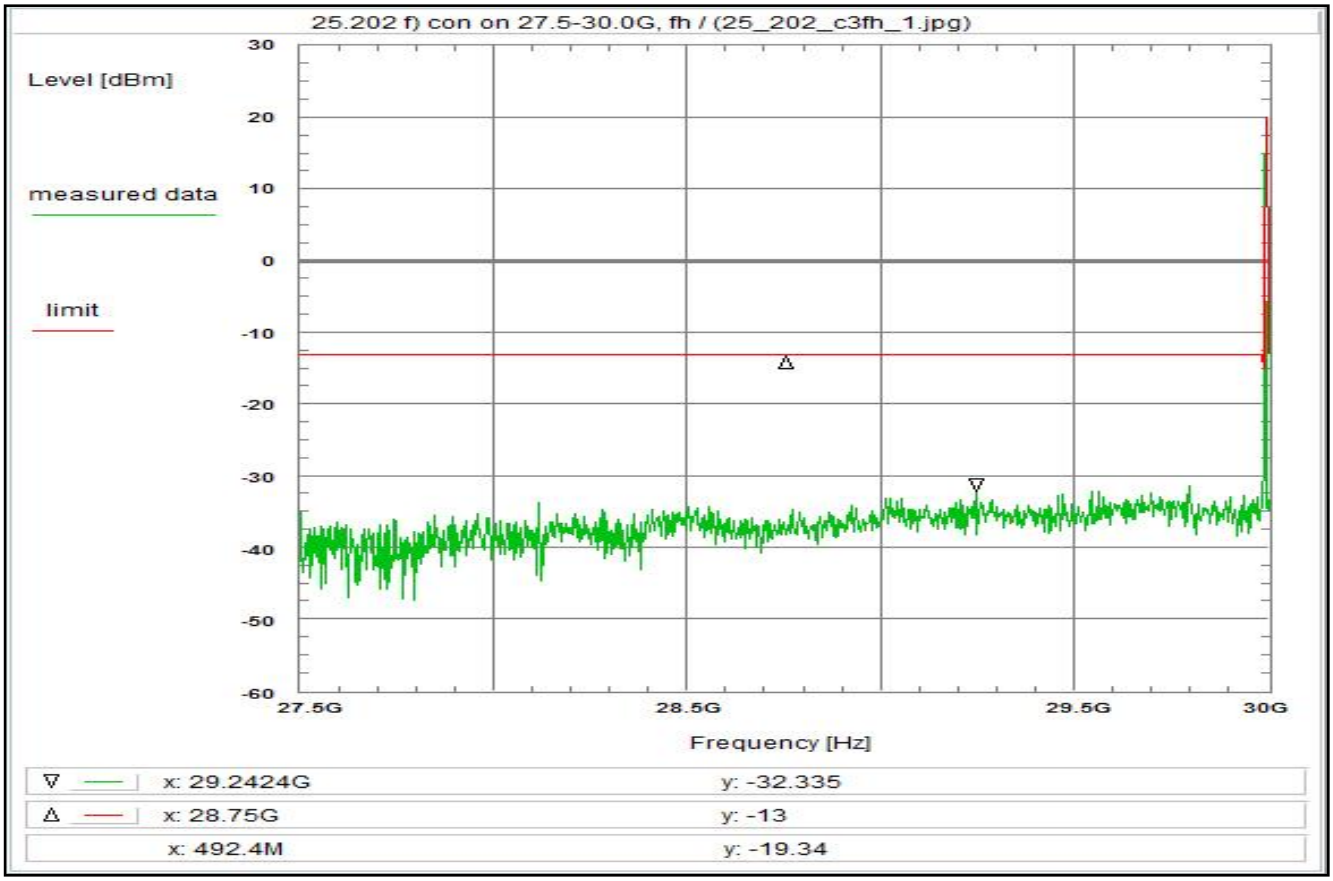
Start frequency:	18	GHz
Stop frequency:	26.5	GHz
Center frequency:	22.25	GHz
Frequency span:	8.5	GHz
Resolution-BW:	100	kHz
Video-BW:	300	kHz
Input attenuation:	0	dB
Trace-Mode:	Max-Hold	
Detector-Mode:	AVG	

Correction:

Directional coupler	+	0.0	dB
Coaxial cable (C220)	+	3.5	dB
DUT-Antenna		0.0	dBi
Test antenna (A019)	-	19.3	dB
BW correction factor (100k -> 4k)	-	14.0	dB
Atten. between HPA and feedhorn	-	0.0	dB
Freefield attenuation (22.25GHz, 5m)	+	73.4	dB
Circular Polarization	+	3.0	dB
Additional attenuation	+	0.2	dB
TOTAL CORRECTION:	+	46.8	dB

Remarks:
Carrier-on state / Carrier at the upper edge of the band (fh)
Rather left the plot shows the cut-off of the wave guide.

Plot No. 31



Subclause: 25.202 f) Frequencies, frequency tolerance and emission limitations
Emission limitations
Modulated rf-carrier at the upper edge of the band (fh)

Limit:
Limit acc. to §25.202 f):
50-100% of assigned bw: -25 dBc/4 kHz
100-250% of assigned bw: -35 dBc/4 kHz
> 250% of assigned bw: -43+10log(Pmax) dBc/4 kHz

Test results:
see plot (an explicit table was not generated)

Operating condition of DUT:
operating condition 1, see test report chapter 6.4

Test setup:
see test report chapter 7.2:

Test equipment:
see test report chapter 7.3: A031, C220, R001

Remark:

Test result: Test passed

Environment condition:

Date & Time:	Fri 20/May/2022 14:39:18	
Location:	CTC advanced GmbH, Laboratory RC-SYS	
Temperature:	22	°C
Humidity:	55	%
Voltage:	230	Vac

Setup of measurement equipment:

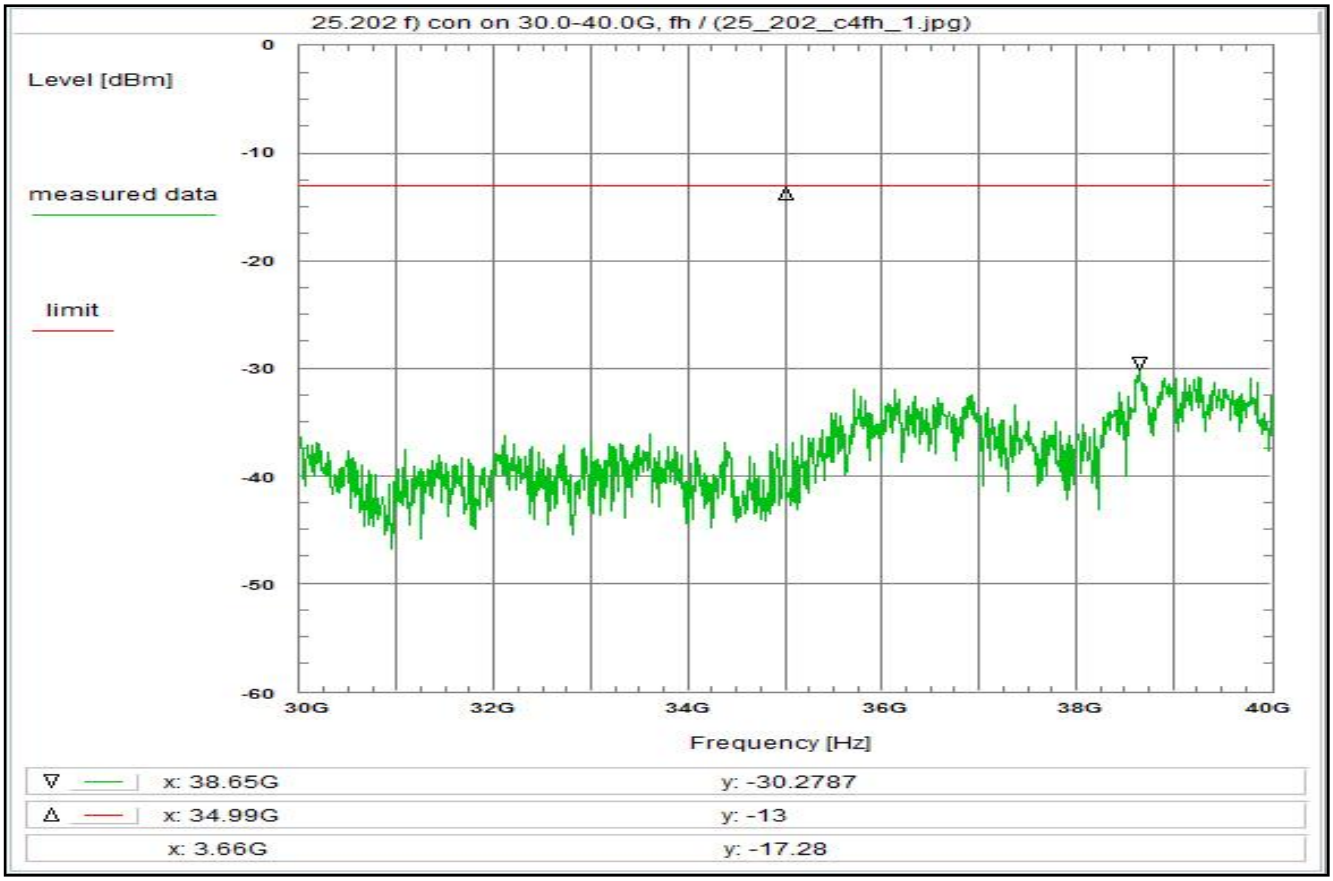
Start frequency:	27.5	GHz
Stop frequency:	30	GHz
Center frequency:	28.75	GHz
Frequency span:	2.5	GHz
Resolution-BW:	100	kHz
Video-BW:	300	kHz
Input attenuation:	6	dB
Trace-Mode:	Max-Hold	
Detector-Mode:	AVG	

Correction:

Directional coupler	+	0.0	dB
Coaxial cable (C220)	+	4.0	dB
DUT-Antenna (see under limit)	+	0.0	dBi
Test antenna (A031)	-	15.5	dB
BW correction factor (100k -> 4k)	-	14.0	dB
Atten. between HPA and feedhorn	-	0.0	dB
Freefield attenuation (29.99GHz, 5m)	+	76.0	dB
Circular polarization	+	3.0	dB
Additional Attenuation	+	0.2	dB
TOTAL CORRECTION:	+	53.7	dB

Remarks:
Carrier-on state / Carrier at the upper edge of the band (fh)

Plot No. 32



Subclause: 25.202 f) Frequencies, frequency tolerance and emission limitations
Emission limitations
Modulated rf-carrier at the upper edge of the band (fh)

Limit:
Limit acc. to §25.202 f):
50-100% of assigned bw: -25 dBc/4 kHz
100-250% of assigned bw: -35 dBc/4 kHz
> 250% of assigned bw: -43+10log(Pmax) dBc/4 kHz

Test results:
see plot (an explicit table was not generated)

Operating condition of DUT:
operating condition 1, see test report chapter 6.4

Test setup:
see test report chapter 7.2:

Test equipment:
see test report chapter 7.3: A031, C220, R001

Remark:

Test result: Test passed

Environment condition:

Date & Time:	Fri 20/May/2022 14:40:39	
Location:	CTC advanced GmbH, Laboratory RC-SYS	
Temperature:	22	°C
Humidity:	55	%
Voltage:	230	Vac

Setup of measurement equipment:

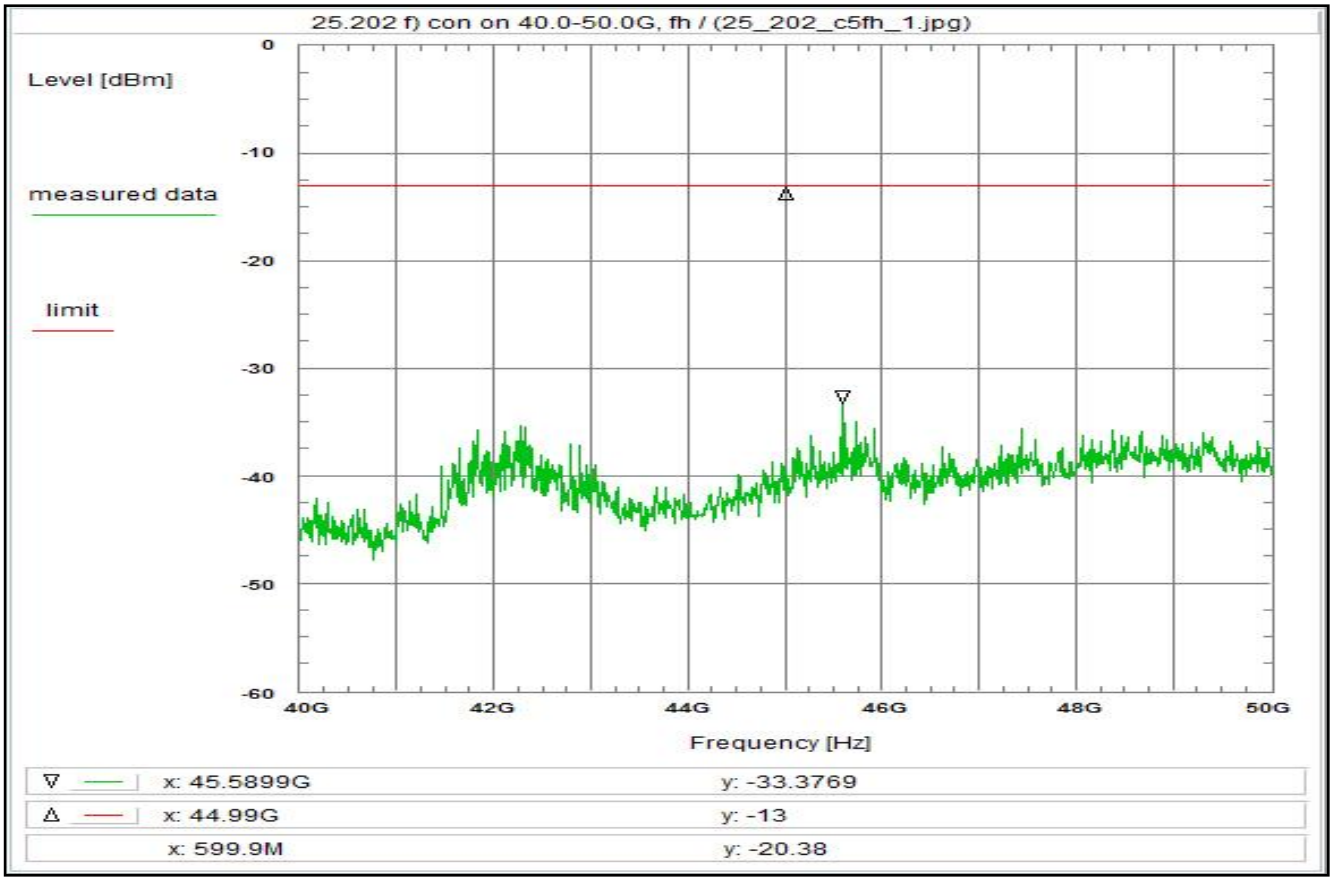
Start frequency:	30	GHz
Stop frequency:	40	GHz
Center frequency:	35	GHz
Frequency span:	10	GHz
Resolution-BW:	100	kHz
Video-BW:	300	kHz
Input attenuation:	6	dB
Trace-Mode:	Max-Hold	
Detector-Mode:	AVG	

Correction:

Directional coupler	+	0.0	dB
Coaxial cable (C220)	+	4.4	dB
DUT-Antenna (see under limit)	+	0.0	dBi
Test antenna (A031)	-	16.9	dB
BW correction factor (100k -> 4k)	-	14.0	dB
Atten. between HPA and feedhorn	-	0.0	dB
Freefield attenuation (35.00GHz, 5m)	+	77.3	dB
Circular polarization	+	3.0	dB
Additional Attenuation	+	0.2	dB
TOTAL CORRECTION:	+	54.0	dB

Remarks:
Carrier-on state / Carrier at the upper edge of the band (fh)

Plot No. 33



Subclause: 25.202 f) Frequencies, frequency tolerance and emission limitations
Emission limitations
Modulated rf-carrier at the upper edge of the band (fh)

Limit:
Limit acc. to §25.202 f):
50-100% of assigned bw: -25 dBc/4 kHz
100-250% of assigned bw: -35 dBc/4 kHz
> 250% of assigned bw: -43+10log(Pmax) dBc/4 kHz

Test results:
see plot (an explicit table was not generated)

Operating condition of DUT:
operating condition 1, see test report chapter 6.4

Test setup:
see test report chapter 7.2:

Test equipment:
see test report chapter 7.3: A_50, C220, R001

Remark:

Test result: Test passed

Environment condition:

Date & Time:	Thu 19/May/2022 15:20:57	
Location:	CTC advanced GmbH, Laboratory RC-SYS	
Temperature:	22	°C
Humidity:	55	%
Voltage:	230	Vac

Setup of measurement equipment:

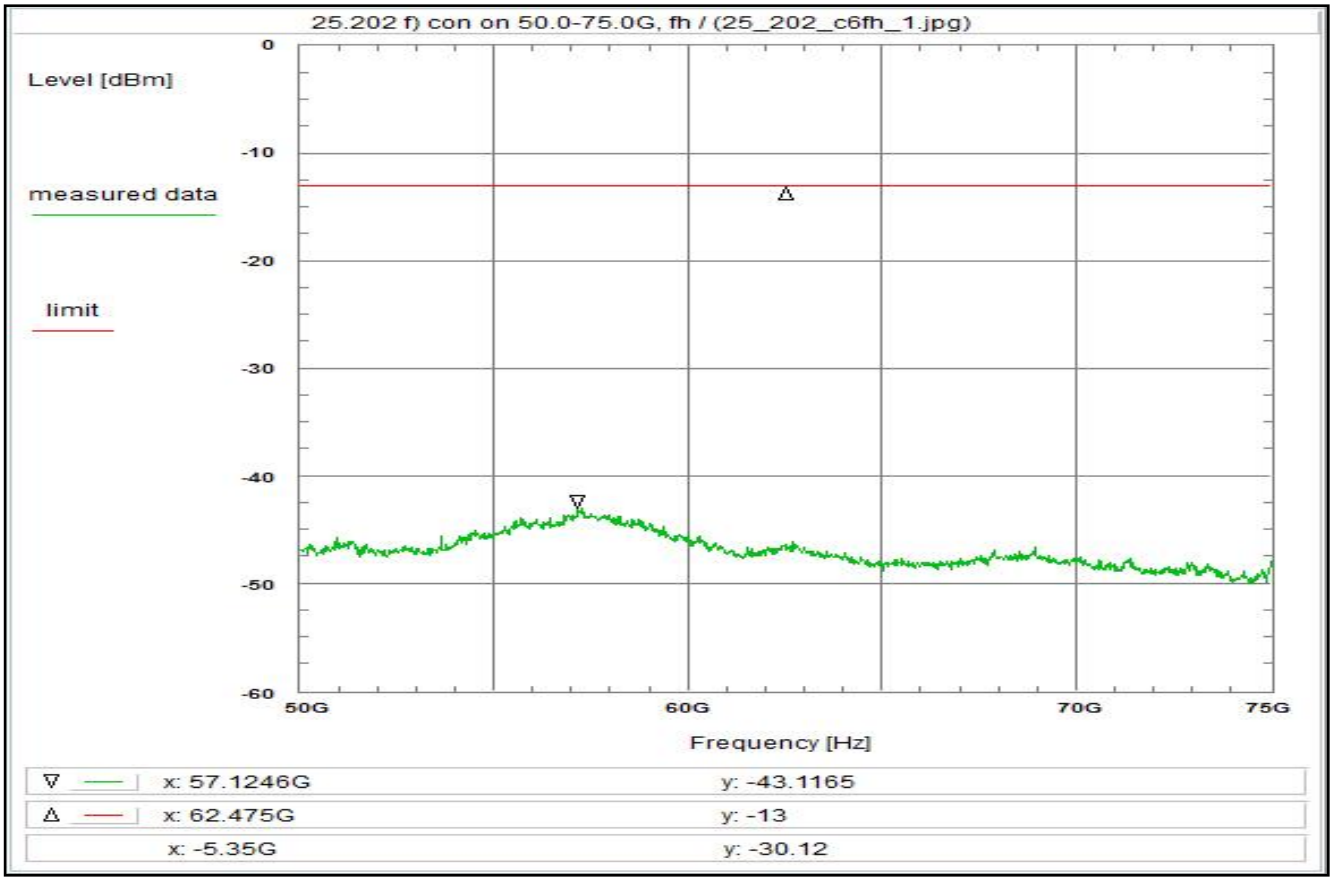
Start frequency:	40	GHz
Stop frequency:	50	GHz
Center frequency:	45	GHz
Frequency span:	10	GHz
Resolution-BW:	100	kHz
Video-BW:	300	kHz
Input attenuation:	0	dB
Trace-Mode:	Clear Write	
Detector-Mode:	AVG	

Correction:

Directional coupler	+	0.0	dB
Coaxial cable (C220)	+	5.2	dB
DUT-Antenna		0.0	dBi
Test antenna (A_50)	-	19.9	dB
BW correction factor (100k -> 4k)	-	14.0	dB
Atten. between HPA and feedhorn	-	0.0	dB
Freefield attenuation (45.00GHz, 5m)	+	79.5	dB
Circular Polarization	+	3.0	dB
Additional attenuation	+	0.2	dB
TOTAL CORRECTION:	+	54.0	dB

Remarks:
Carrier-on state / Carrier at the upper edge of the band (fh)

Plot No. 34



Subclause: 25.202 f) Frequencies, frequency tolerance and emission limitations
Emission limitations
Modulated rf-carrier at the upper edge of the band (fh)

Limit:
Limit acc. to §25.202 f):
50-100% of assigned bw: -25 dBc/4 kHz
100-250% of assigned bw: -35 dBc/4 kHz
> 250% of assigned bw: -43+10log(Pmax) dBc/4 kHz

Test results:
see plot (an explicit table was not generated)

Operating condition of DUT:
operating condition 1, see test report chapter 6.4

Test setup:
see test report chapter 7.2:

Test equipment:
see test report chapter 7.3: A025, R001, R025

Remark:

Test result: **Test passed**

Environment condition:

Date & Time:	Thu 19/May/2022 14:53:45	
Location:	CTC advanced GmbH, Laboratory RC-SYS	
Temperature:	22	°C
Humidity:	55	%
Voltage:	230	Vac

Setup of measurement equipment:

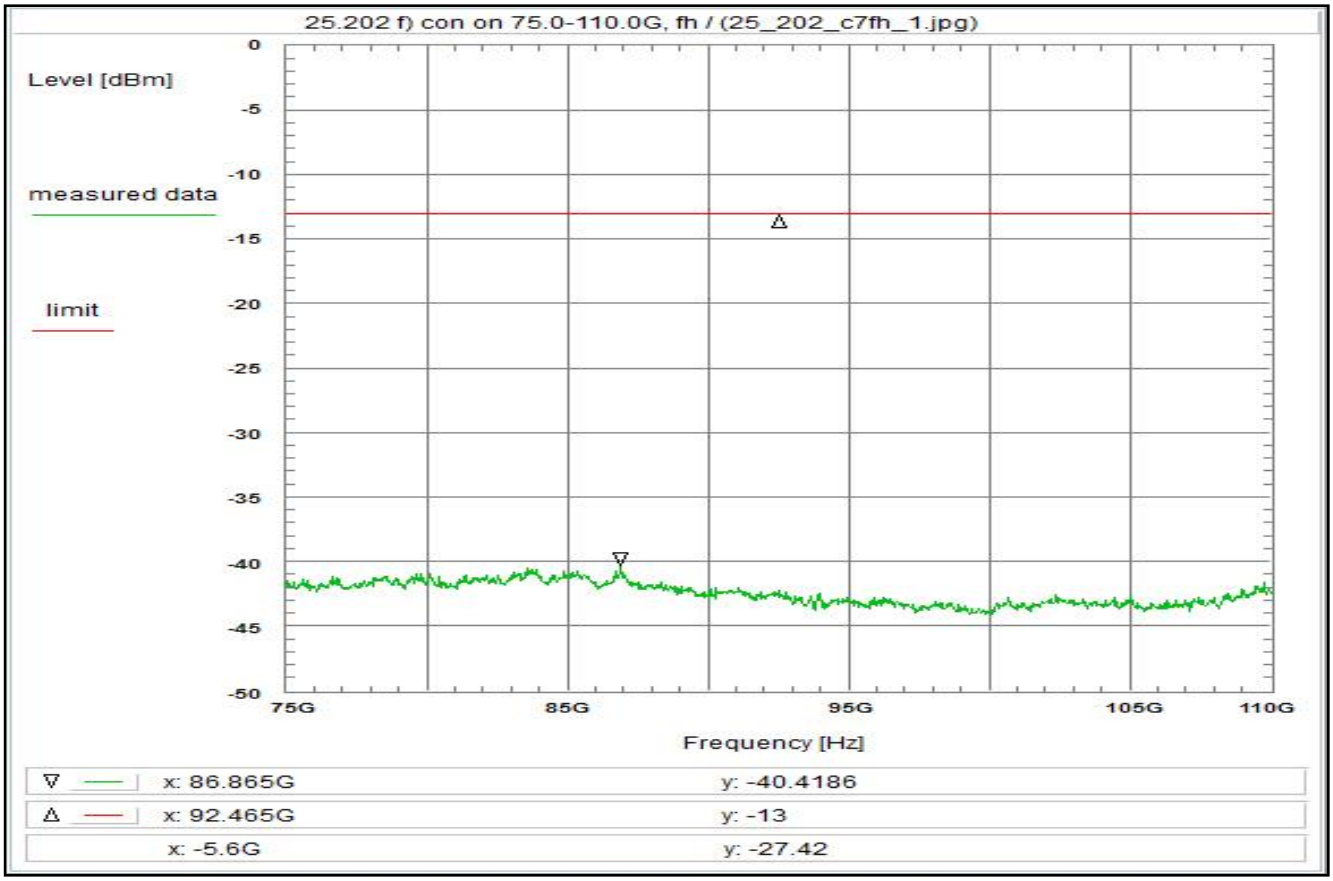
Start frequency:	50	GHz
Stop frequency:	75	GHz
Center frequency:	62.5	GHz
Frequency span:	25	GHz
Resolution-BW:	1	MHz
Video-BW:	3	MHz
Input attenuation:	0	dB
Trace-Mode:	Max-Hold	
Detector-Mode:	AVG	

Correction:

Directional coupler	+	0.0	dB
Coaxial cable	+	0.0	dB
DUT-Antenna	-	3.0	dBi
Test antenna (A025)	-	20.0	dB
BW correction factor (1M -> 4k)	-	24.0	dB
Atten. between HPA and feedhorn	-	0.0	dB
Freefield attenuation	+	81.2	dB
TOTAL CORRECTION:	+	34.2	dB

Remarks:
Carrier-on state / Carrier at the upper edge of the band (fh)

Plot No. 35



Subclause: 25.202 f) Frequencies, frequency tolerance and emission limitations
Emission limitations
Modulated rf-carrier at the upper edge of the band (fh)

Limit:
Limit acc. to §25.202 f):
50-100% of assigned bw: -25 dBc/4 kHz
100-250% of assigned bw: -35 dBc/4 kHz
> 250% of assigned bw: -43+10log(Pmax) dBc/4 kHz

Test results:
see plot (an explicit table was not generated)

Operating condition of DUT:
operating condition 1, see test report chapter 6.4

Test setup:
see test report chapter 7.2:

Test equipment:
see test report chapter 7.3: A028, R001, R029

Remark:

Test result: **Test passed**

Environment condition:

Date & Time:	Thu 19/May/2022 15:00:43	
Location:	CTC advanced GmbH, Laboratory RC-SYS	
Temperature:	22	°C
Humidity:	55	%
Voltage:	230	Vac

Setup of measurement equipment:

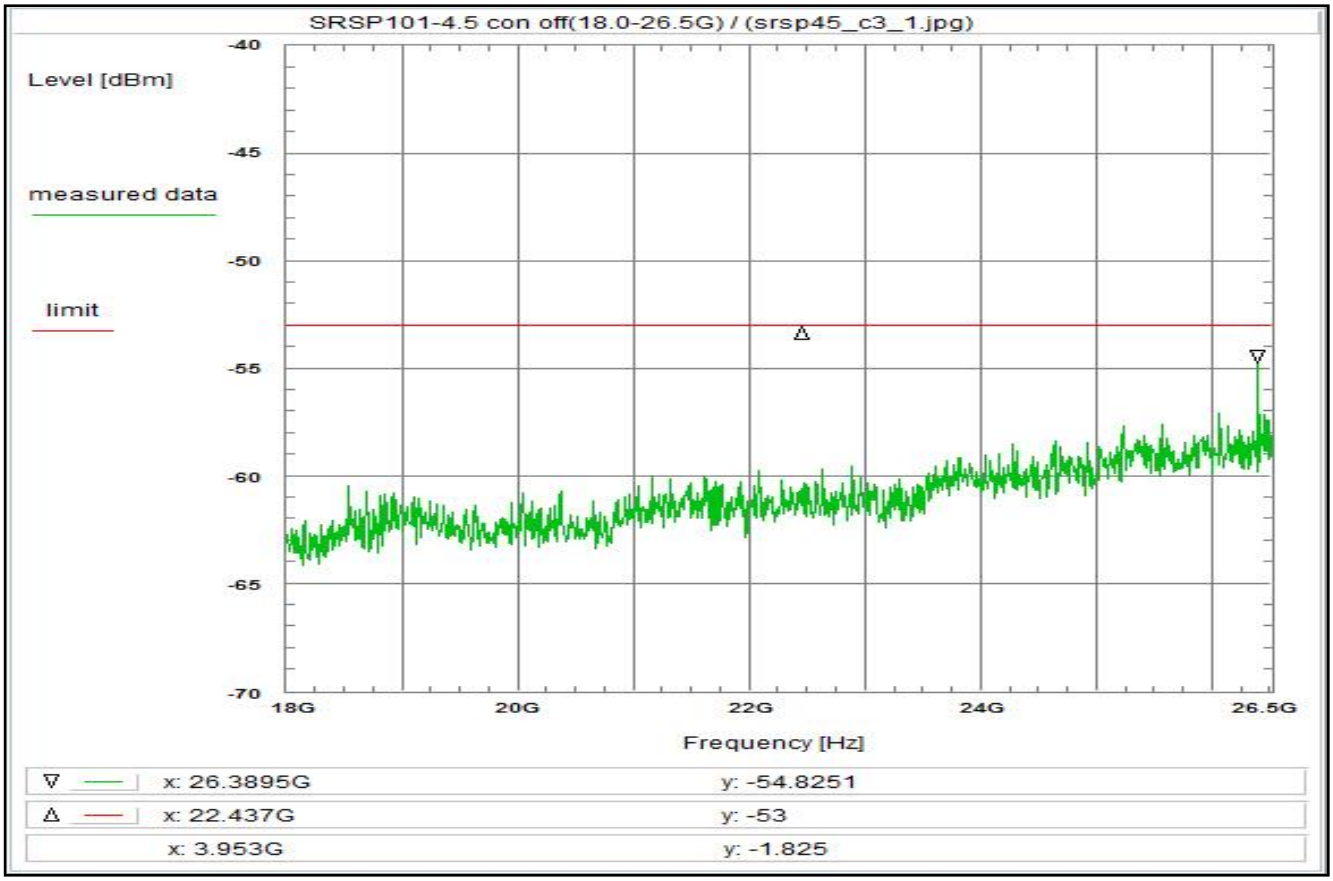
Start frequency:	75	GHz
Stop frequency:	110	GHz
Center frequency:	92.5	GHz
Frequency span:	35	GHz
Resolution-BW:	1	MHz
Video-BW:	3	MHz
Input attenuation:	0	dB
Trace-Mode:	Max-Hold	
Detector-Mode:	AVG	

Correction:

Directional coupler	+	0.0	dB
Coaxial cable	+	0.0	dB
DUT-Antenna	-	3.0	dBi
Test antenna (A028)	-	19.4	dB
BW correction factor (1M -> 4k)	-	24.0	dB
Atten. between HPA and feedhorn	-	0.0	dB
Freefield attenuation (92.50GHz, 5m)	+	85.7	dB
TOTAL CORRECTION:	+	39.3	dB

Remarks:
Carrier-on state / Carrier at the upper edge of the band (fh)

Plot No. 36



Subclause: SRSP-101, 4.5 Receiver spurious emissions
Conducted emissions: 12.0 GHz - 18.0 GHz

Limit:
Limit acc. to SRSP-101, 4.5: -53.0 dBm

Test results:
see plot (an explicit table was not generated)

Operating condition of DUT:
operating condition 1, see test report chapter 6.4

Test setup:
see test report chapter 7.2:

Test equipment:
see test report chapter 7.3: A019, C220, R001

Remark:

Test result: Test passed

Environment condition:

Date & Time:	Tue 24/May/2022 13:13:41	
Location:	CTC advanced GmbH, Laboratory RC-SYS	
Temperature:	22	°C
Humidity:	55	%
Voltage:	230	Vac

Setup of measurement equipment:

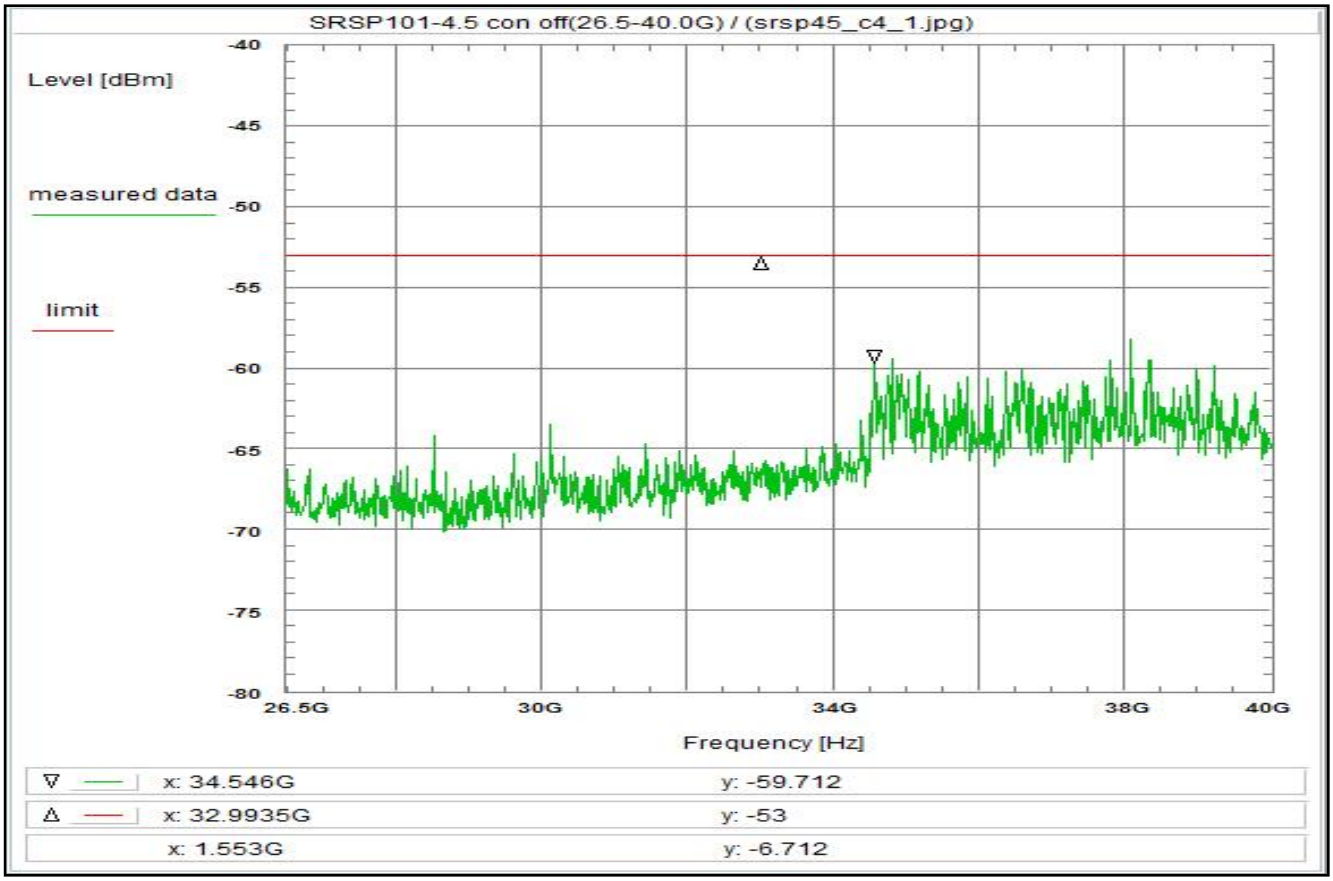
Start frequency:	18	GHz
Stop frequency:	26.5	GHz
Center frequency:	22.25	GHz
Frequency span:	8.5	GHz
Resolution-BW:	100	kHz
Video-BW:	300	kHz
Input attenuation:	0	dB
Trace-Mode:	Max-Hold	
Detector-Mode:	Pos Peak	

Correction:

Directional coupler	+	0.0	dB
Coaxial cable (C220)	+	3.5	dB
DUT-Antenna	+	0.0	dBi
Test antenna (A019)	-	19.3	dB
BW correction factor (100k -> 1M)	+	0.0	dB
Atten. between HPA and feedhorn	-	0.0	dB
Freefield attenuation (22.25GHz, 0.2m)	+	45.4	dB
TOTAL CORRECTION:	+	29.6	dB

Remarks:
Carrier-off state / Receiver spurious emissions

Plot No. 37



Subclause: SRSP-101, 4.5 Receiver spurious emissions
Conducted emissions: 12.0 GHz - 18.0 GHz

Limit:
Limit acc. to SRSP-101, 4.5: -53.0 dBm

Test results:
see plot (an explicit table was not generated)

Operating condition of DUT:
operating condition 1, see test report chapter 6.4

Test setup:
see test report chapter 7.2:

Test equipment:
see test report chapter 7.3: A031, C220, R001

Remark:

Test result: Test passed

Environment condition:

Date & Time:	Tue 24/May/2022 13:22:36	
Location:	CTC advanced GmbH, Laboratory RC-SYS	
Temperature:	22	°C
Humidity:	55	%
Voltage:	230	Vac

Setup of measurement equipment:

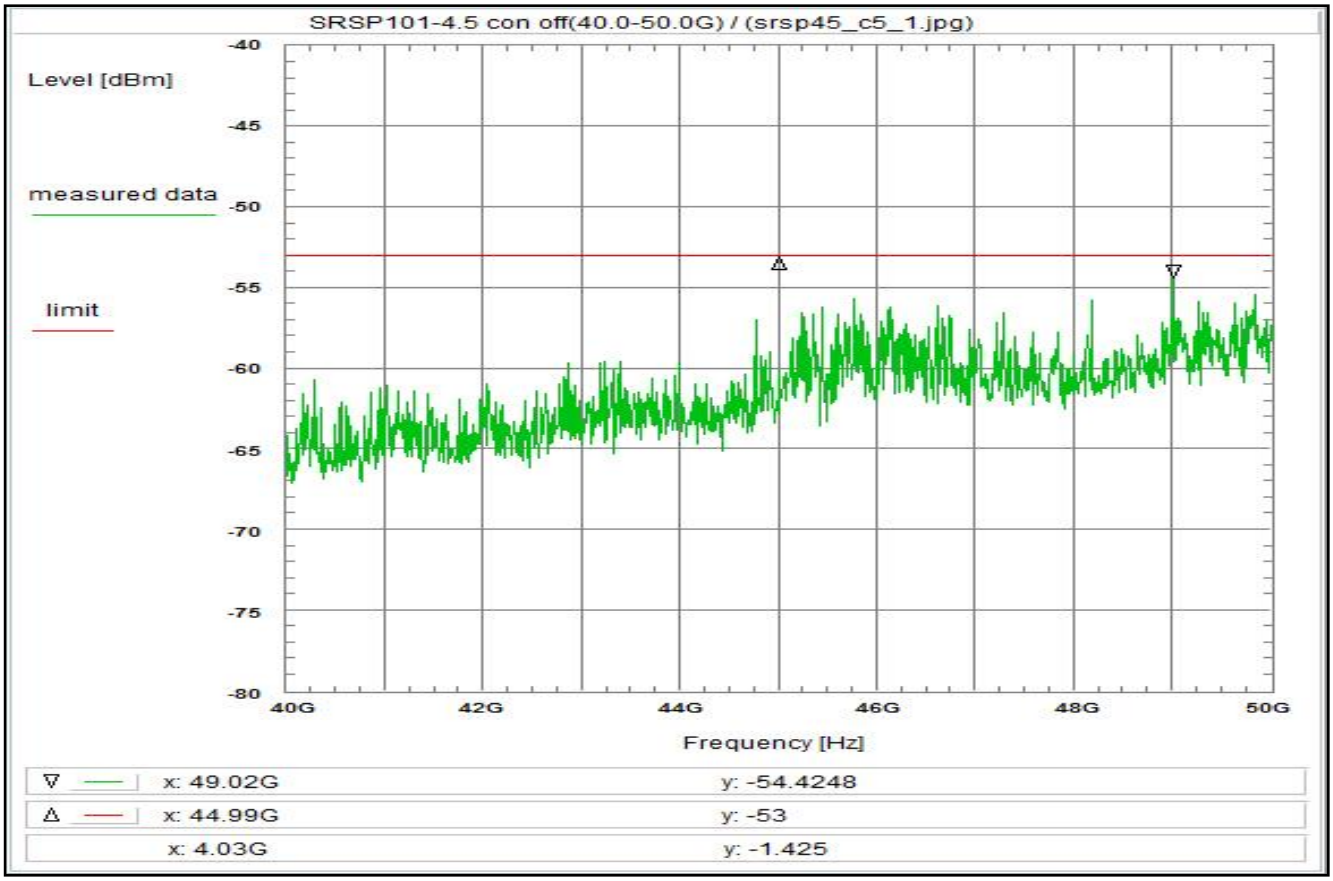
Start frequency:	26.5	GHz
Stop frequency:	40	GHz
Center frequency:	33.25	GHz
Frequency span:	13.5	GHz
Resolution-BW:	100	kHz
Video-BW:	300	kHz
Input attenuation:	0	dB
Trace-Mode:	Average	
Detector-Mode:	Sample	

Correction:

Directional coupler	+	0.0	dB
Coaxial cable (C220)	+	4.3	dB
DUT-Antenna	+	0.0	dBi
Test antenna (A031)	-	16.2	dB
BW correction factor (100k -> 1M)	+	10.0	dB
Atten. between HPA and feedhorn	-	0.0	dB
Freefield attenuation (33.25GHz, 0.1m)	+	42.9	dB
TOTAL CORRECTION:	+	41.0	dB

Remarks:
Carrier-off state / Receiver spurious emissions

Plot No. 38



Subclause: SRSP-101, 4.5 Receiver spurious emissions
Conducted emissions: 12.0 GHz - 18.0 GHz

Limit:
Limit acc. to SRSP-101, 4.5: -53.0 dBm

Test results:
see plot (an explicit table was not generated)

Operating condition of DUT:
operating condition 1, see test report chapter 6.4

Test setup:
see test report chapter 7.2:

Test equipment:
see test report chapter 7.3: A_50, C220, R001,

Remark:

Test result: **Test passed**

Environment condition:

Date & Time:	Tue 24/May/2022 13:25:44	
Location:	CTC advanced GmbH, Laboratory RC-SYS	
Temperature:	22	°C
Humidity:	55	%
Voltage:	230	Vac

Setup of measurement equipment:

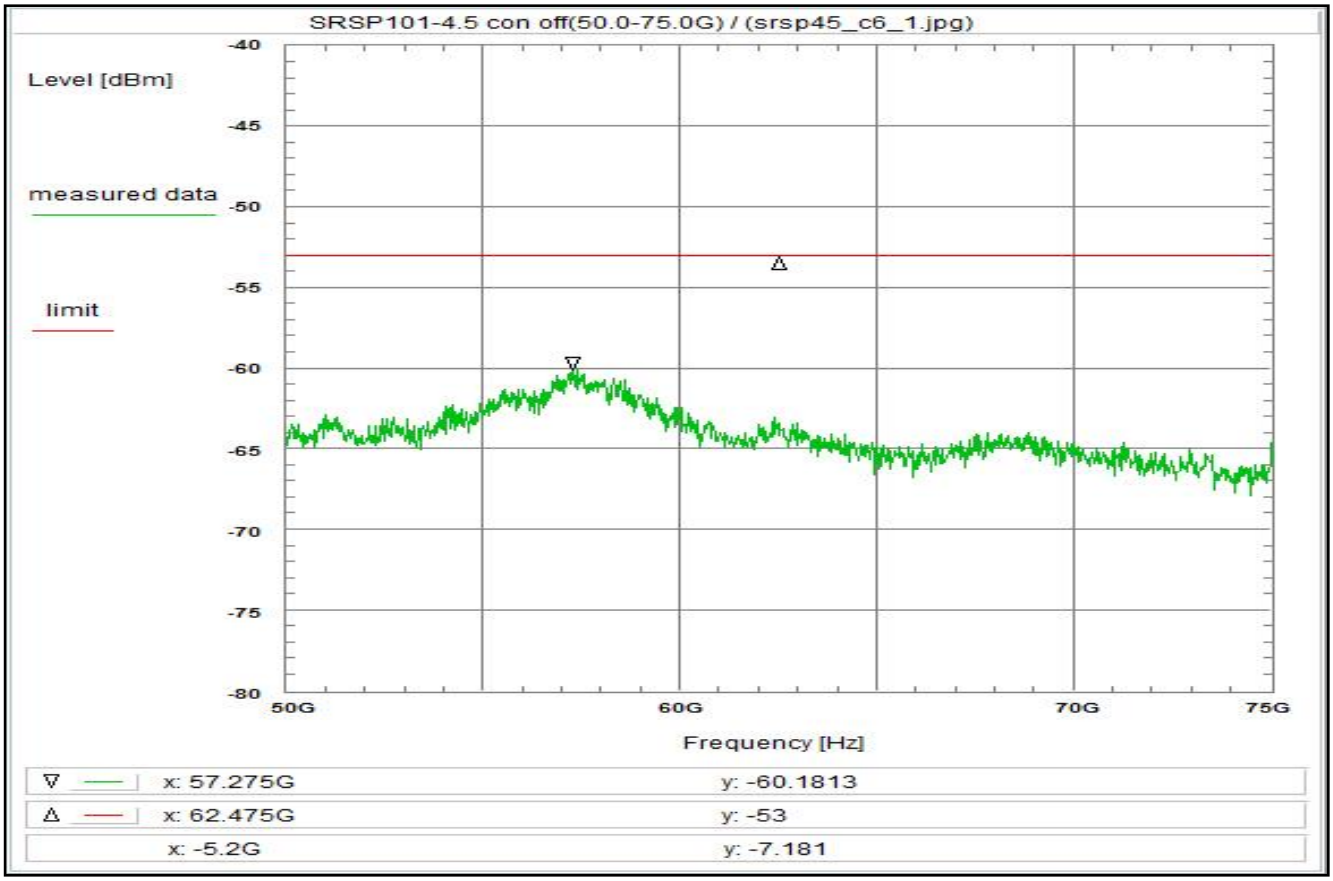
Start frequency:	40	GHz
Stop frequency:	50	GHz
Center frequency:	45	GHz
Frequency span:	10	GHz
Resolution-BW:	100	kHz
Video-BW:	300	kHz
Input attenuation:	0	dB
Trace-Mode:	Average	
Detector-Mode:	Sample	

Correction:

Directional coupler	+	0.0	dB
Coaxial cable (C220)	+	5.2	dB
DUT-Antenna	+	0.0	dBi
Test antenna (A_50)	-	19.9	dB
BW correction factor (100k -> 1M)	+	10.0	dB
Atten. between HPA and feedhorn	-	0.0	dB
Freefield attenuation (45.00GHz, 0.1m)	+	45.5	dB
TOTAL CORRECTION:	+	40.8	dB

Remarks:
Carrier-off state / Receiver spurious emissions

Plot No. 39



Subclause: SRSP-101, 4.5 Receiver spurious emissions
Conducted emissions: 12.0 GHz - 18.0 GHz

Limit:
Limit acc. to SRSP-101, 4.5: -53.0 dBm

Test results:
see plot (an explicit table was not generated)

Operating condition of DUT:
operating condition 1, see test report chapter 6.4

Test setup:
see test report chapter 7.2:

Test equipment:
see test report chapter 7.3: A025, R001, R025

Remark:

Test result: Test passed

Environment condition:

Date & Time:	Tue 24/May/2022 13:35:02	
Location:	CTC advanced GmbH, Laboratory RC-SYS	
Temperature:	22	°C
Humidity:	55	%
Voltage:	230	Vac

Setup of measurement equipment:

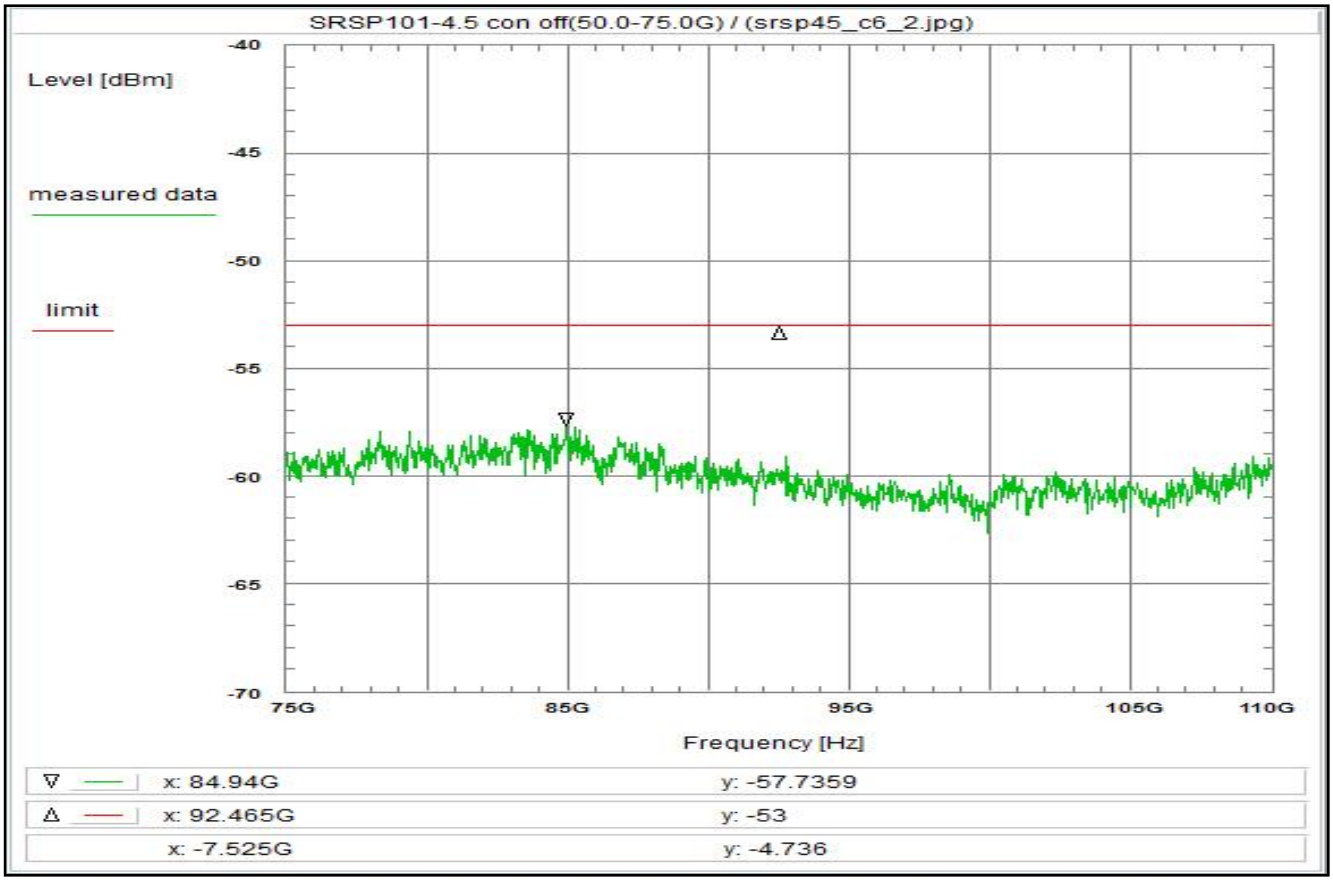
Start frequency:	50	GHz
Stop frequency:	75	GHz
Center frequency:	62.5	GHz
Frequency span:	25	GHz
Resolution-BW:	100	kHz
Video-BW:	300	kHz
Input attenuation:	0	dB
Trace-Mode:	Average	
Detector-Mode:	Sample	

Correction:

Directional coupler	+	0.0	dB
Coaxial cable	+	0.0	dB
DUT-Antenna	+	0.0	dBi
Test antenna (A025)	-	20.0	dB
BW correction factor (100k -> 1M)	+	10.0	dB
Atten. between HPA and feedhorn	-	0.0	dB
Freefield attenuation (62.50GHz, 0.05m)	+	42.3	dB
TOTAL CORRECTION:	+	32.3	dB

Remarks:
Carrier-off state / Receiver spurious emissions

Plot No. 40



Subclause: SRSP-101, 4.5 Receiver spurious emissions
Conducted emissions: 12.0 GHz - 18.0 GHz

Limit:
Limit acc. to SRSP-101, 4.5: -53.0 dBm

Test results:
see plot (an explicit table was not generated)

Operating condition of DUT:
operating condition 1, see test report chapter 6.4

Test setup:
see test report chapter 7.2:

Test equipment:
see test report chapter 7.3: A028, R001, R029

Remark:

Test result: Test passed

Environment condition:

Date & Time:	Tue 24/May/2022 13:39:24	
Location:	CTC advanced GmbH, Laboratory RC-SYS	
Temperature:	22	°C
Humidity:	55	%
Voltage:	230	Vac

Setup of measurement equipment:

Start frequency:	75	GHz
Stop frequency:	110	GHz
Center frequency:	92.5	GHz
Frequency span:	35	GHz
Resolution-BW:	100	kHz
Video-BW:	300	kHz
Input attenuation:	0	dB
Trace-Mode:	Average	
Detector-Mode:	Sample	

Correction:

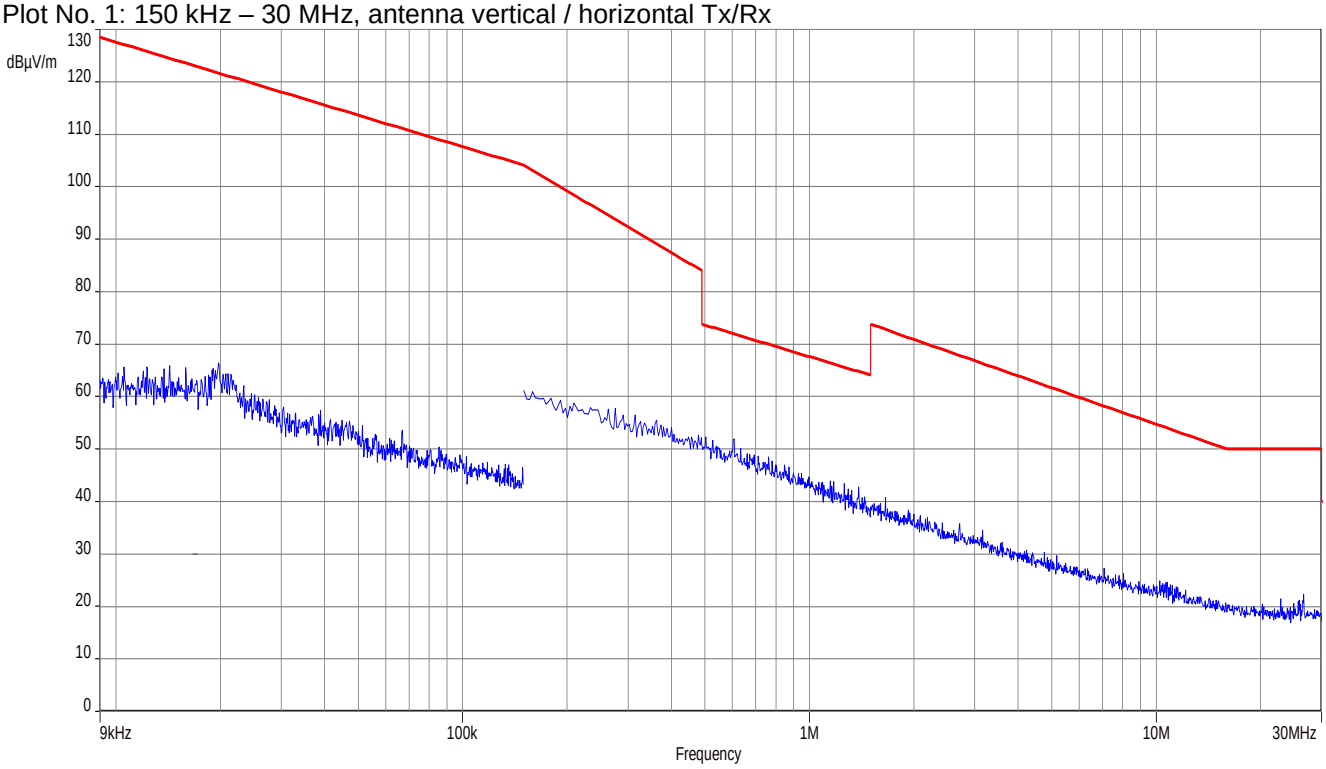
Directional coupler	+	0.0	dB
Coaxial cable	+	0.0	dB
DUT-Antenna	+	0.0	dBi
Test antenna (A028)	-	19.4	dB
BW correction factor (100k -> 1M)	+	10.0	dB
Atten. between HPA and feedhorn	-	0.0	dB
Freefield attenuation (92.50GHz, 0.05m)	+	45.7	dB
TOTAL CORRECTION:	+	36.3	dB

Remarks:
Carrier-off state / Receiver spurious emissions

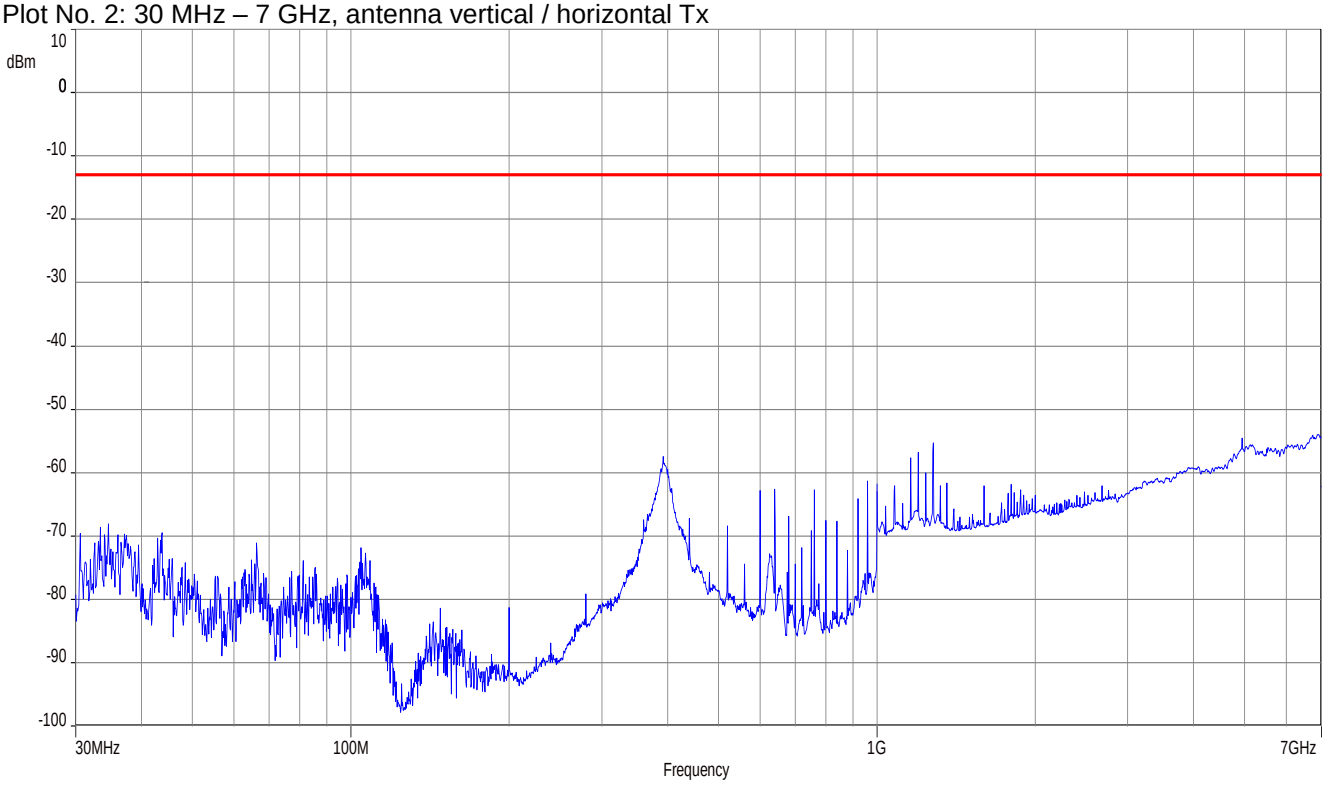
3 Measurement results, Spurious emissions 30MHz - 18 GHz

This Chapter 3 consists of 3 pages including this page.

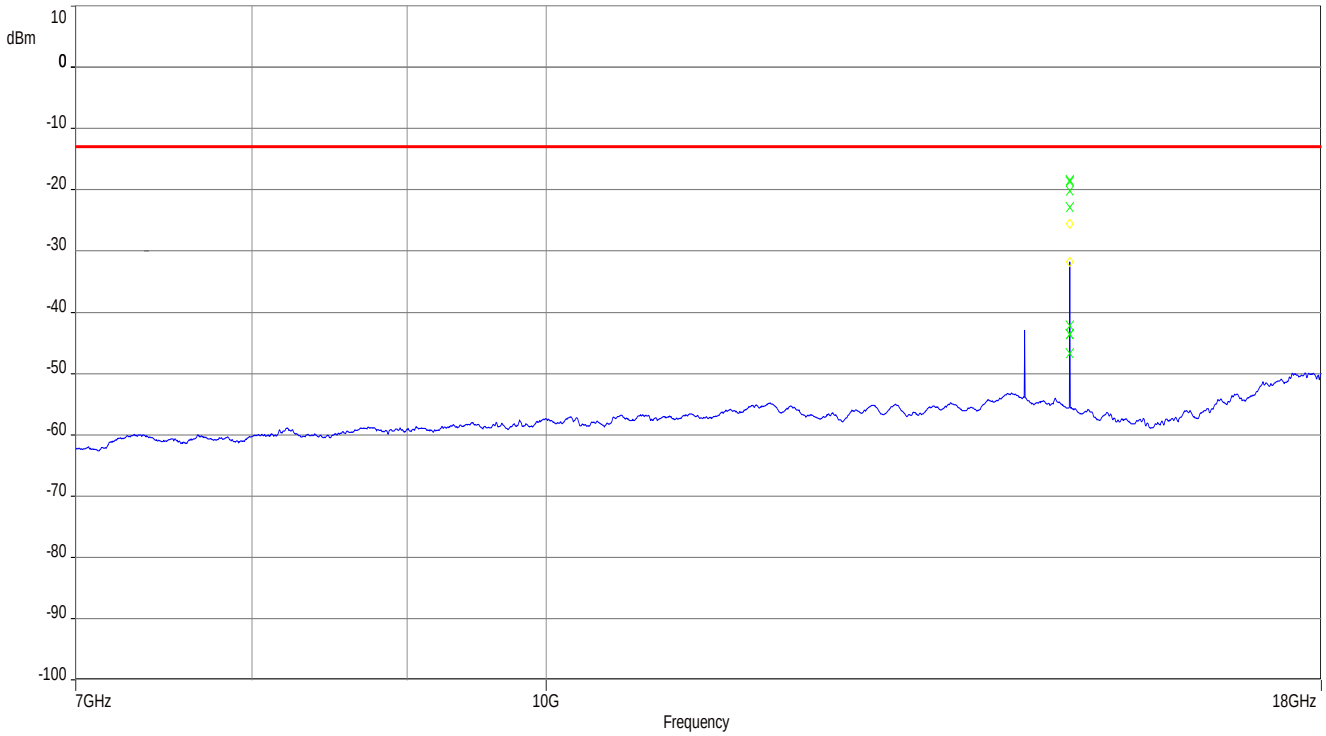
Plot No. 1: 150 kHz – 30 MHz, antenna vertical / horizontal Tx/Rx



Plot No. 2: 30 MHz – 7 GHz, antenna vertical / horizontal Tx

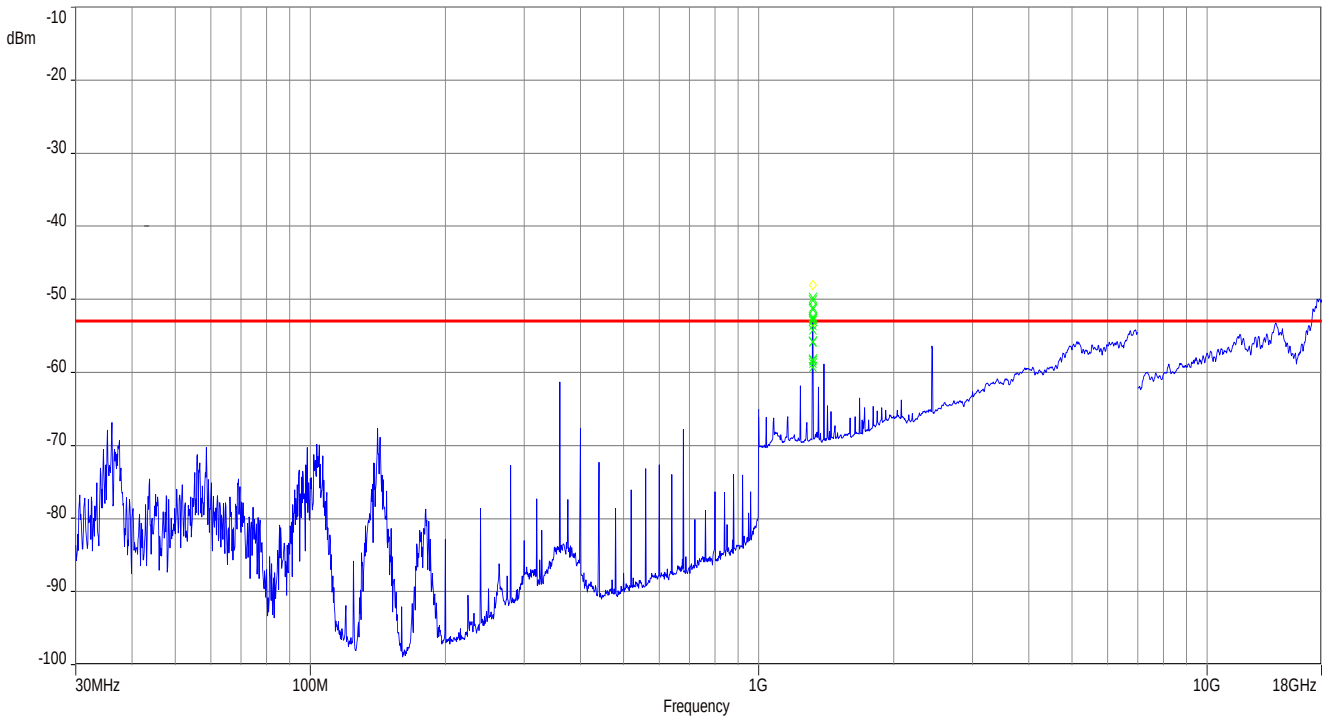


Plot No. 3: 7 – 18 GHz, antenna vertical / horizontal Tx



Worst case: -18.5 dBm RMS @14.875 GHz

Plot No. 4: 30 MHz – 18 GHz, antenna vertical / horizontal Rx RSP-101



Worst case RMS value: -53.5 dBm at 1320 MHz

Note: Noise floor only at frequencies above 10 GHz

4 Measurement results, FCC Part 15B

This Chapter 3 consists of 1 pages including this page.

Refer to test report 1-3566_21-01-06.pdf

5 Document history

Version	Applied changes	Date of release
	Initial release - DRAFT	2022-06-01
	Initial release	2022-06-21