



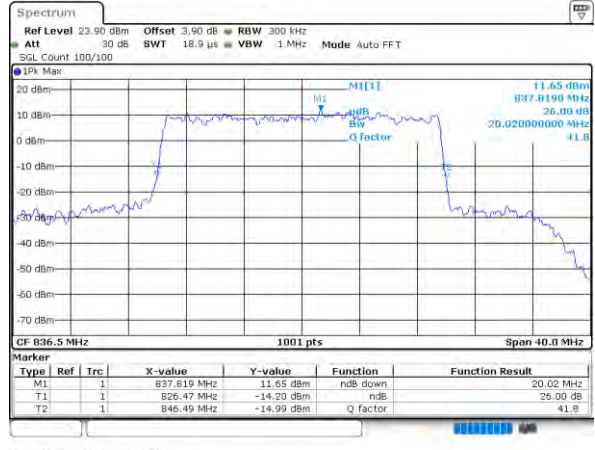
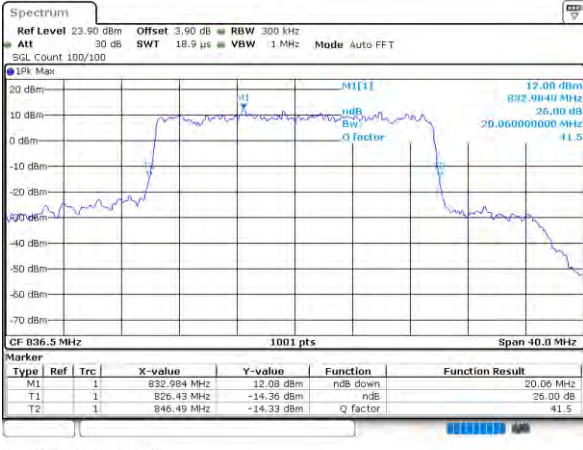
FR1 n5 / 20MHz / CP-OFDM

QPSK

16QAM

Middle Channel

Middle Channel



Date: 13, JAN, 2021 19:51:43

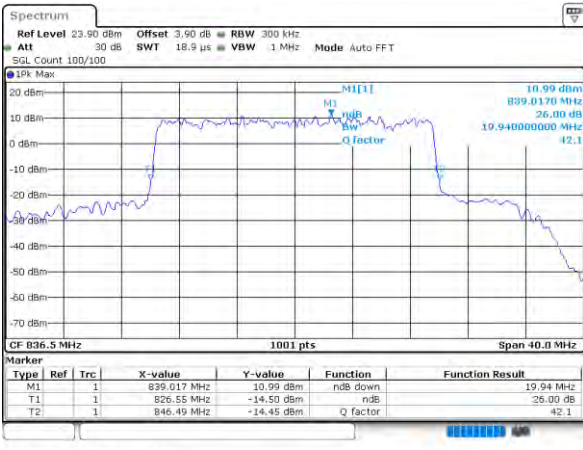
Date: 13, JAN, 2021 19:52:02

64QAM

256QAM

Middle Channel

Middle Channel



Date: 13, JAN, 2021 19:52:16

Date: 13, JAN, 2021 19:52:30



### Occupied Bandwidth

Mode	FR1 n5 : OBW(MHz) / CP-OFDM							
BW	5MHz	5MHz	5MHz	5MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	4.48	4.49	4.49	4.49				

Mode	FR1 n5 : OBW(MHz) / CP-OFDM							
BW	10MHz	10MHz	10MHz	10MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	9.29	9.29	9.31	9.29				

Mode	FR1 n5 : OBW(MHz) / CP-OFDM							
BW	15MHz	15MHz	15MHz	15MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	14.21	14.15	14.18	14.12				

Mode	FR1 n5 : OBW(MHz) / CP-OFDM							
BW	20MHz	20MHz	20MHz	20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	18.90	19.02	18.98	19.02				



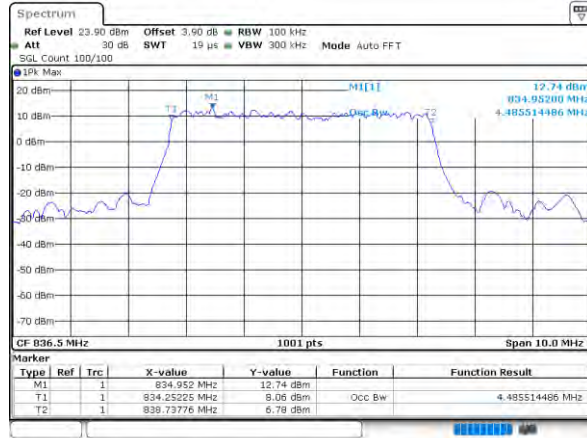
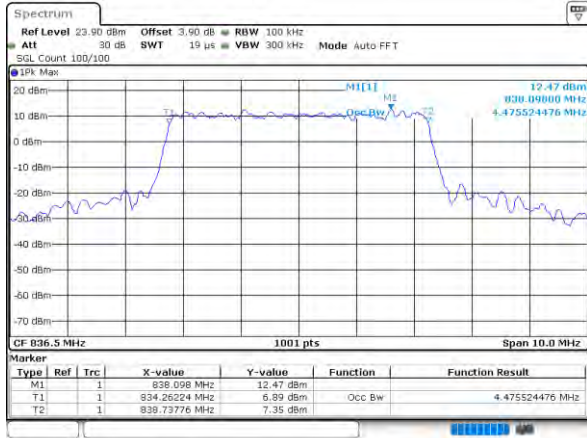
FR1 n5 / 5MHz / CP-OFDM

QPSK

16QAM

Middle Channel

Middle Channel



Date: 13, JAN, 2021 19:46:49

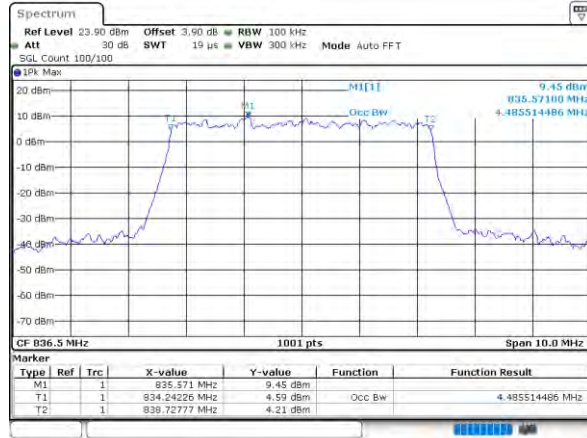
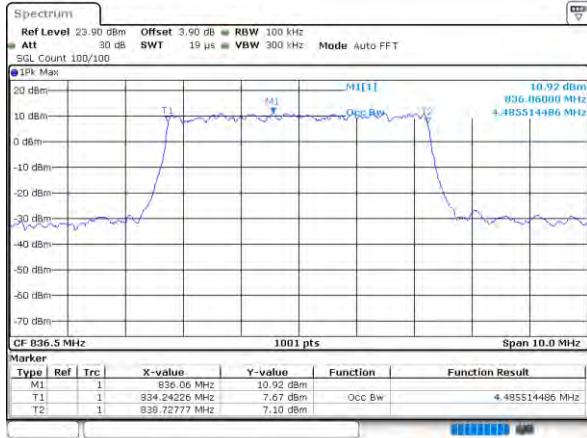
Date: 13, JAN, 2021 19:46:51

64QAM

256QAM

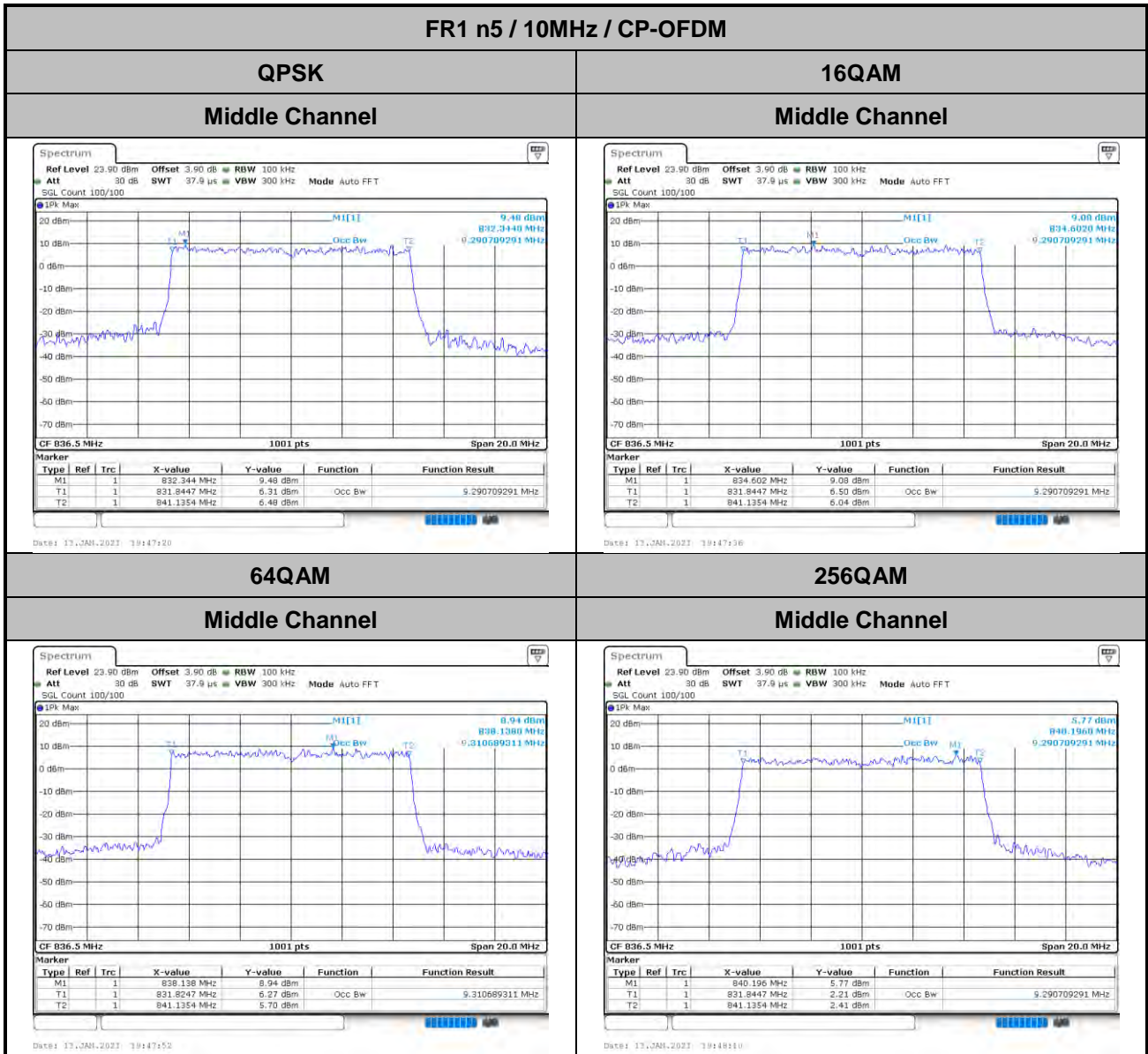
Middle Channel

Middle Channel



Date: 13, JAN, 2021 19:46:15

Date: 13, JAN, 2021 19:46:00





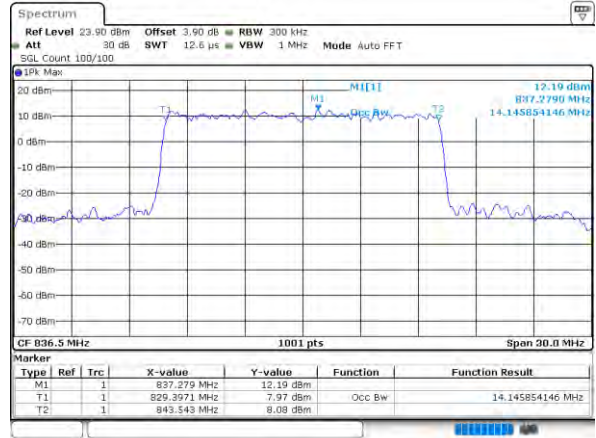
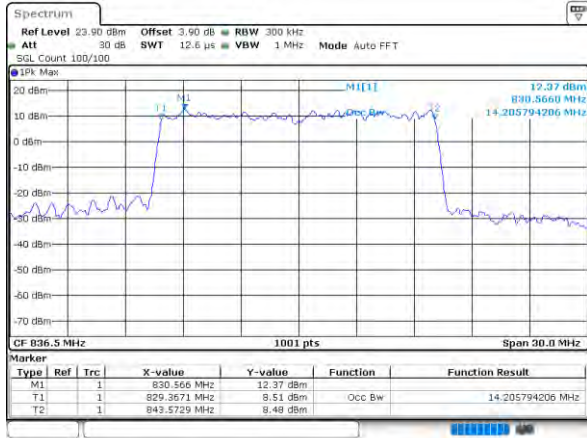
FR1 n5 / 15MHz / CP-OFDM

QPSK

16QAM

Middle Channel

Middle Channel



Date: 13, JAN, 2021 19:18:13

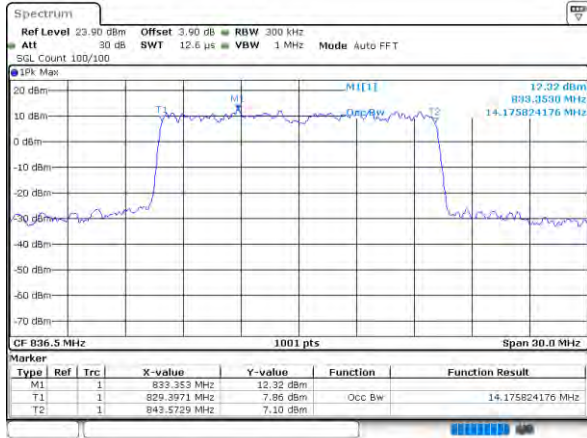
Date: 13, JAN, 2021 19:19:34

64QAM

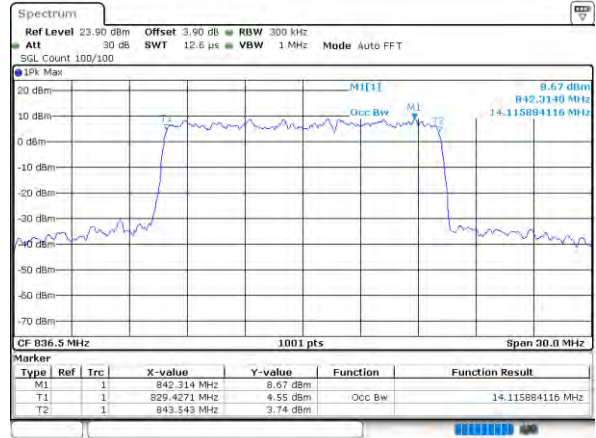
256QAM

Middle Channel

Middle Channel



Date: 13, JAN, 2021 19:19:14



Date: 13, JAN, 2021 19:18:58



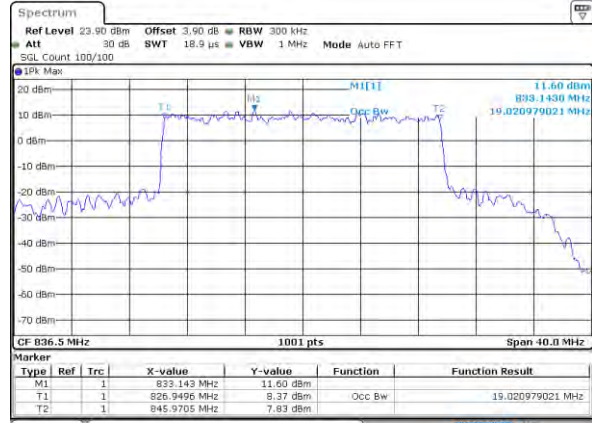
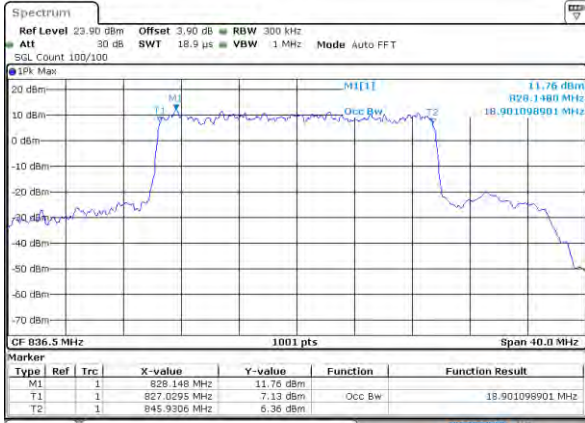
FR1 n5 / 20MHz / CP-OFDM

QPSK

16QAM

Middle Channel

Middle Channel



Date: 13, JAN, 2021 19:51:40

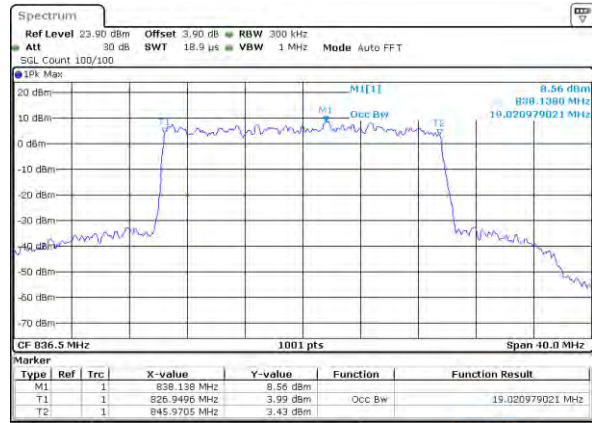
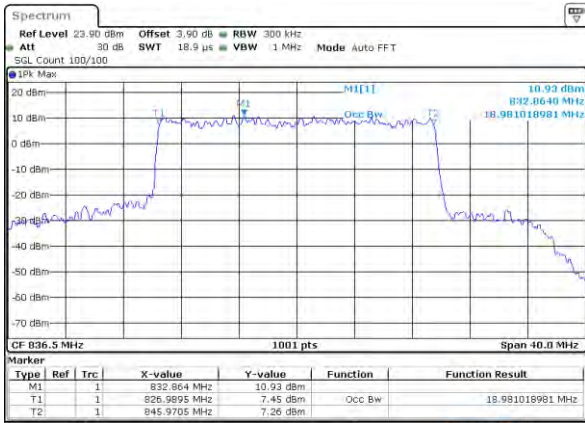
Date: 13, JAN, 2021 19:51:57

64QAM

256QAM

Middle Channel

Middle Channel

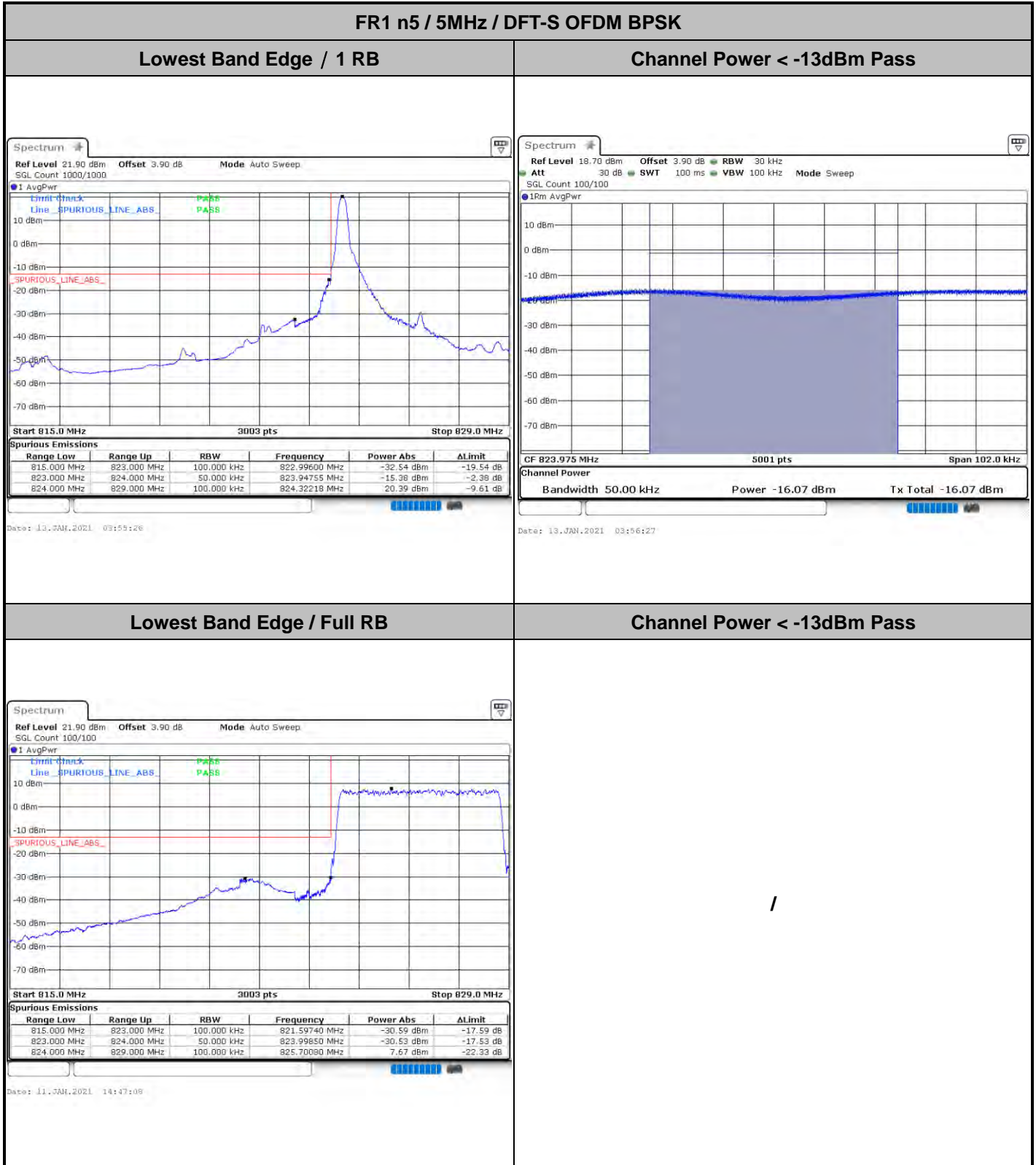


Date: 13, JAN, 2021 19:52:12

Date: 13, JAN, 2021 19:52:26



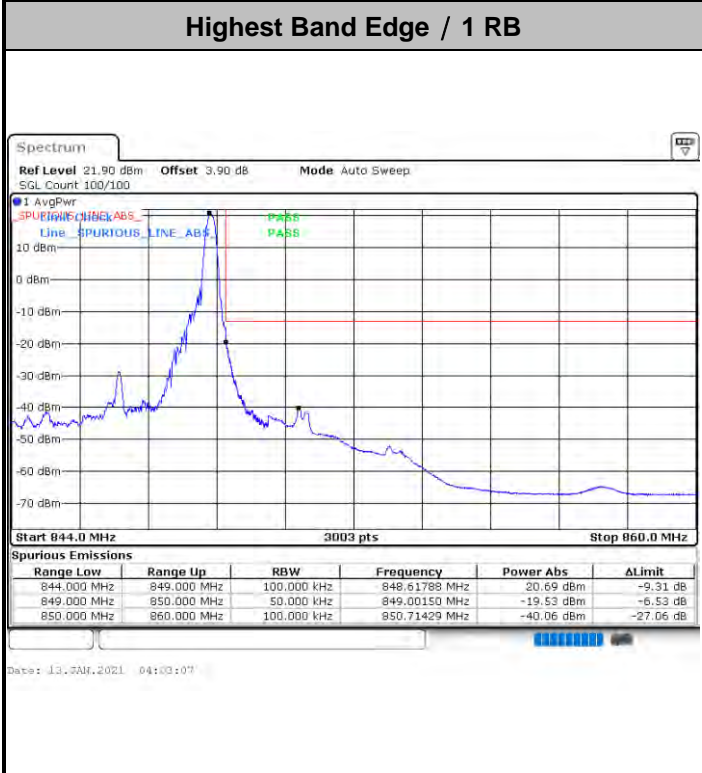
# Conducted Band Edge





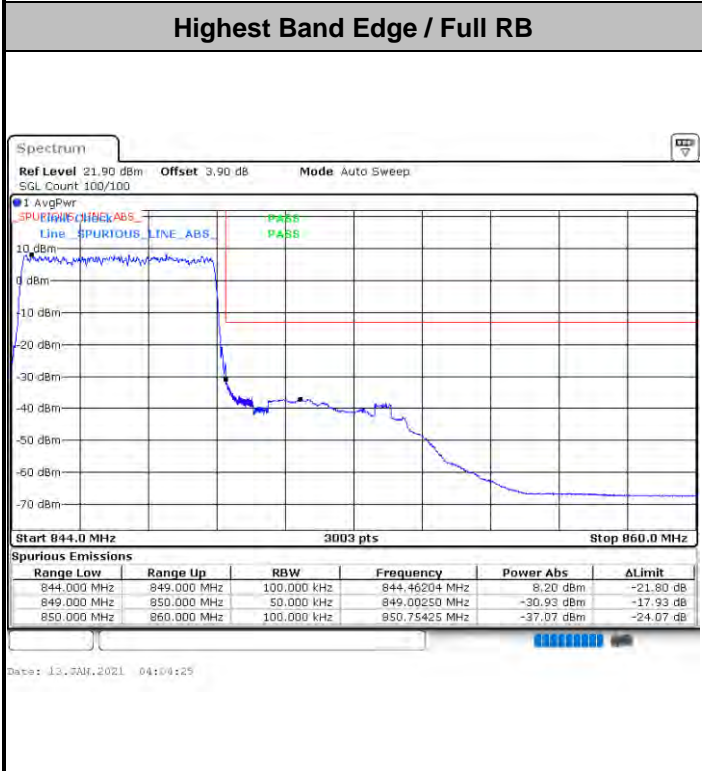


**FR1 n5 / 5MHz / DFT-S OFDM BPSK**



**Channel Power < -13dBm Pass**

/



**Channel Power < -13dBm Pass**

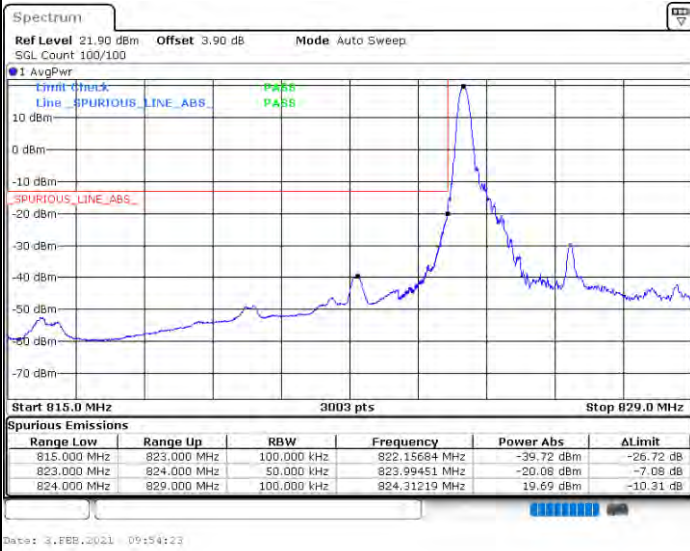
/



FR1 n5 / 5MHz / DFT-S OFDM QPSK

Lowest Band Edge / 1 RB

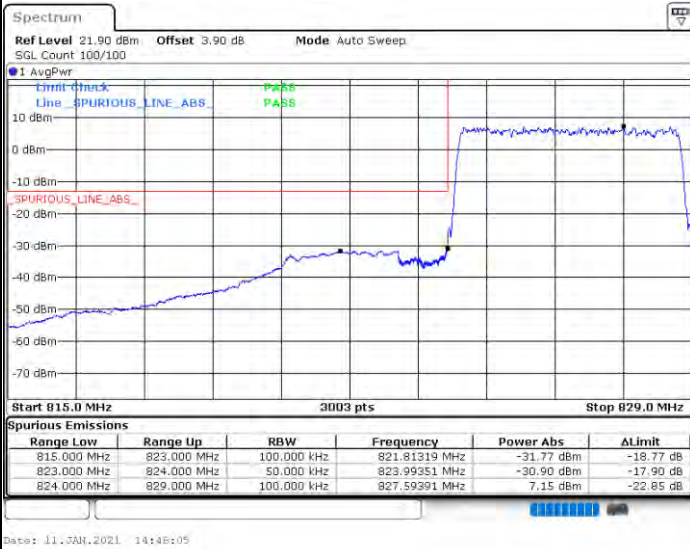
Channel Power < -13dBm Pass



/

Lowest Band Edge / Full RB

Channel Power < -13dBm Pass



/



FR1 n5 / 5MHz / DFT-S OFDM QPSK

Highest Band Edge / 1 RB

Channel Power < -13dBm Pass

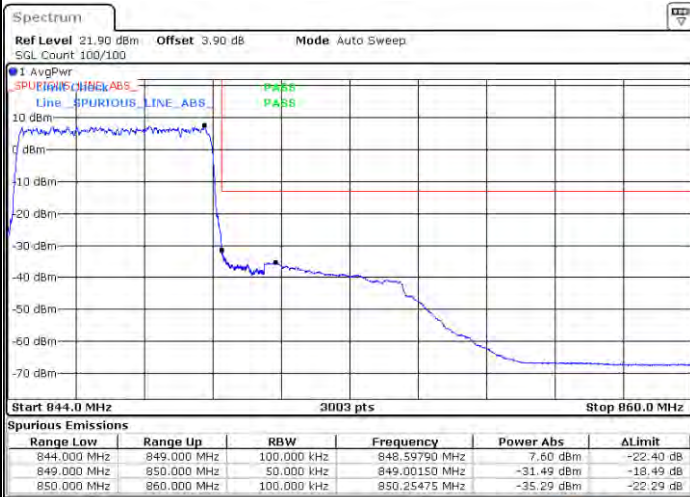


/

Date: 13. MAR. 2021 04:02:08

Highest Band Edge / Full RB

Channel Power < -13dBm Pass



/

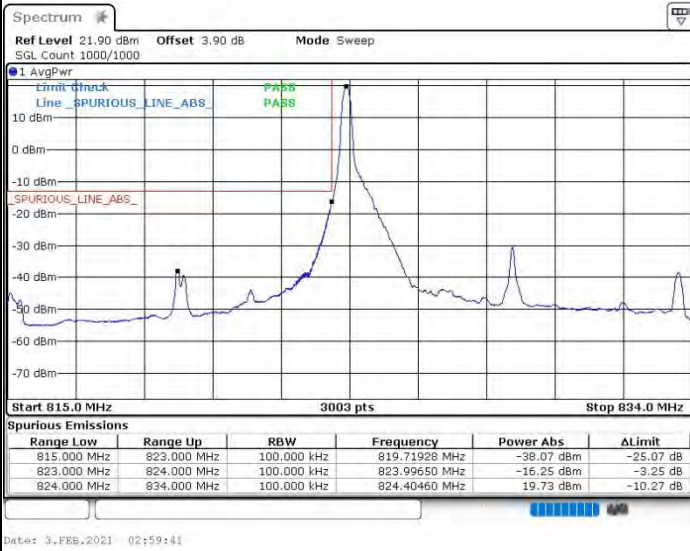
Date: 13. MAR. 2021 04:06:53



FR1 n5 / 10MHz / DFT-S OFDM BPSK

Lowest Band Edge / 1 RB

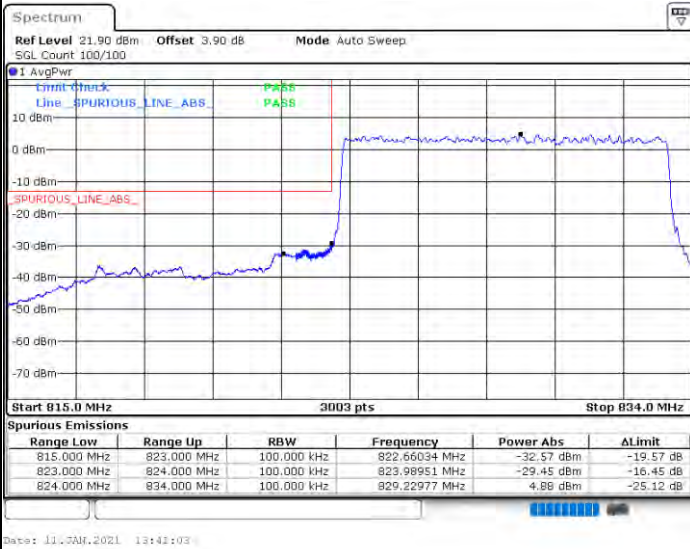
Channel Power < -13dBm Pass



/

Lowest Band Edge / Full RB

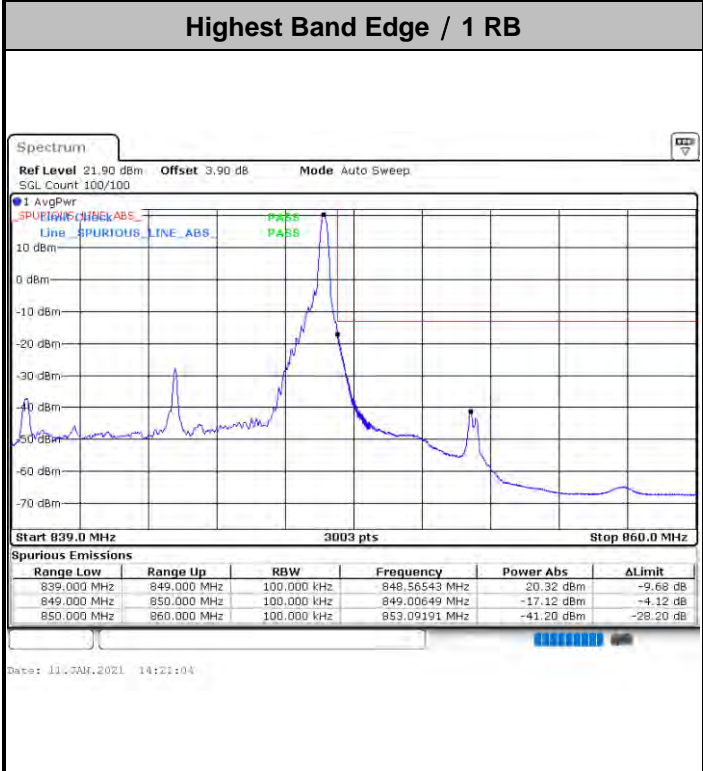
Channel Power < -13dBm Pass



/



**FR1 n5 / 10MHz / DFT-S OFDM BPSK**



**Channel Power < -13dBm Pass**

/



**Channel Power < -13dBm Pass**

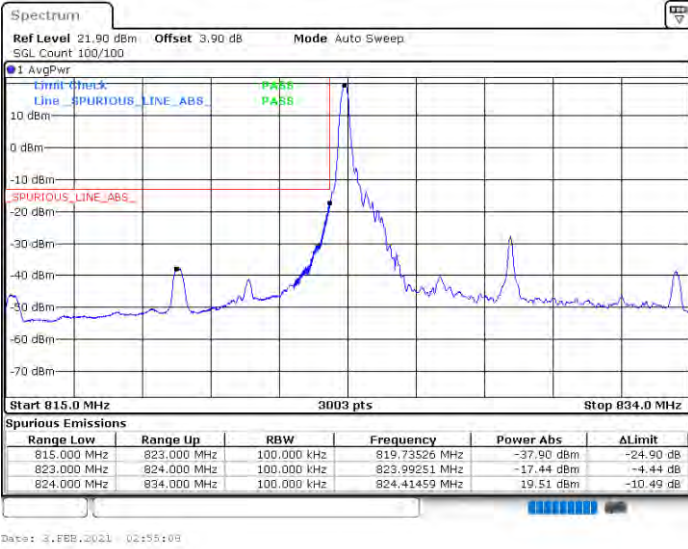
/



FR1 n5 / 10MHz / DFT-S OFDM QPSK

Lowest Band Edge / 1 RB

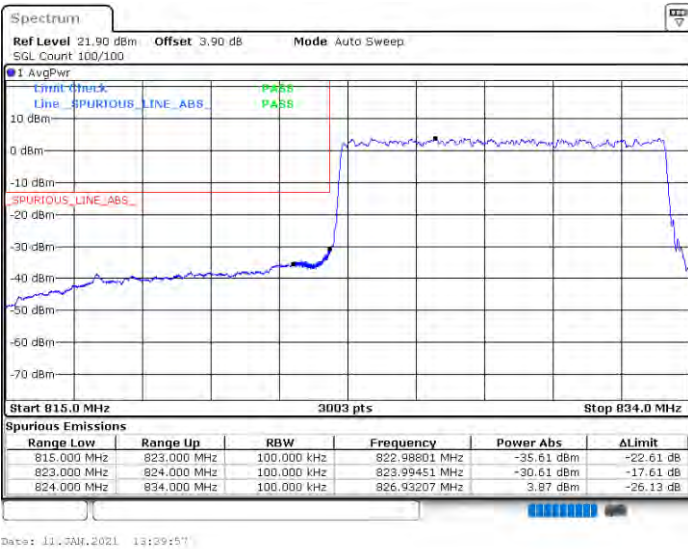
Channel Power < -13dBm Pass



/

Lowest Band Edge / Full RB

Channel Power < -13dBm Pass



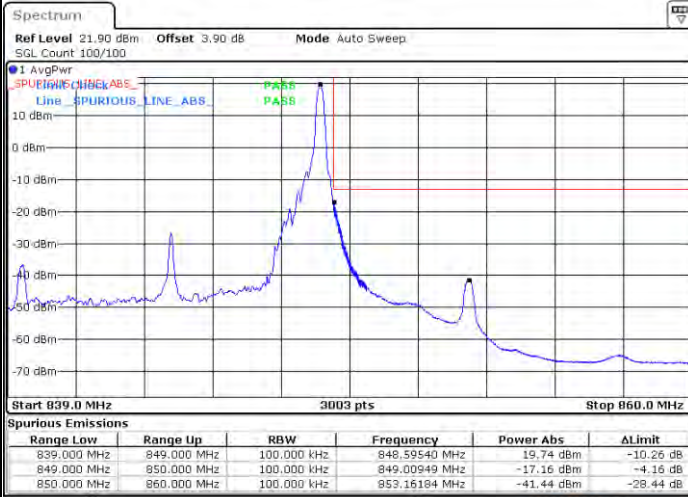
/



FR1 n5 / 10MHz / DFT-S OFDM QPSK

Highest Band Edge / 1 RB

Channel Power < -13dBm Pass

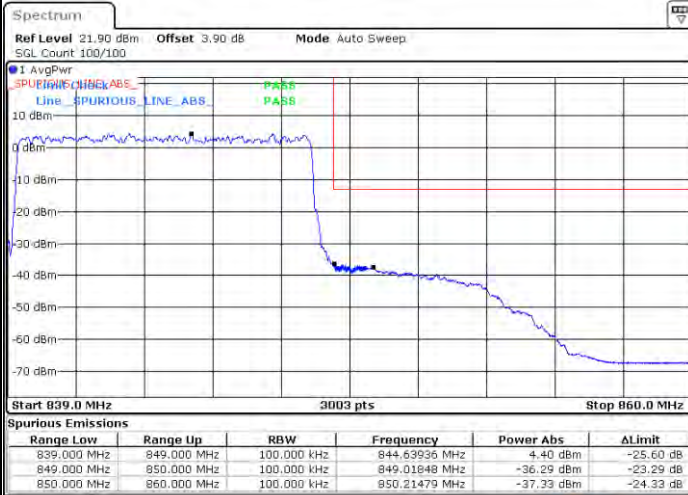


/

Date: 11-JAN-2021 14:21:59

Highest Band Edge / Full RB

Channel Power < -13dBm Pass

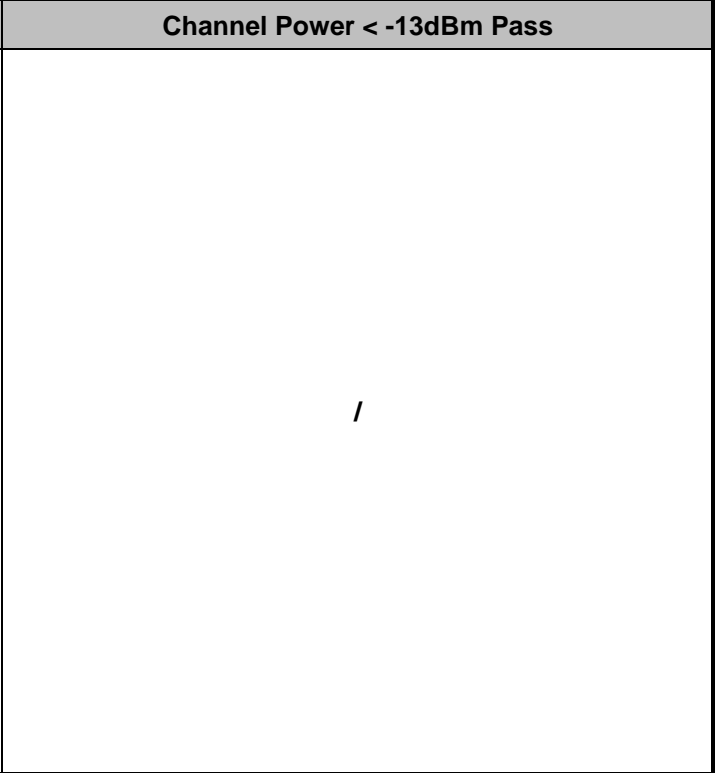
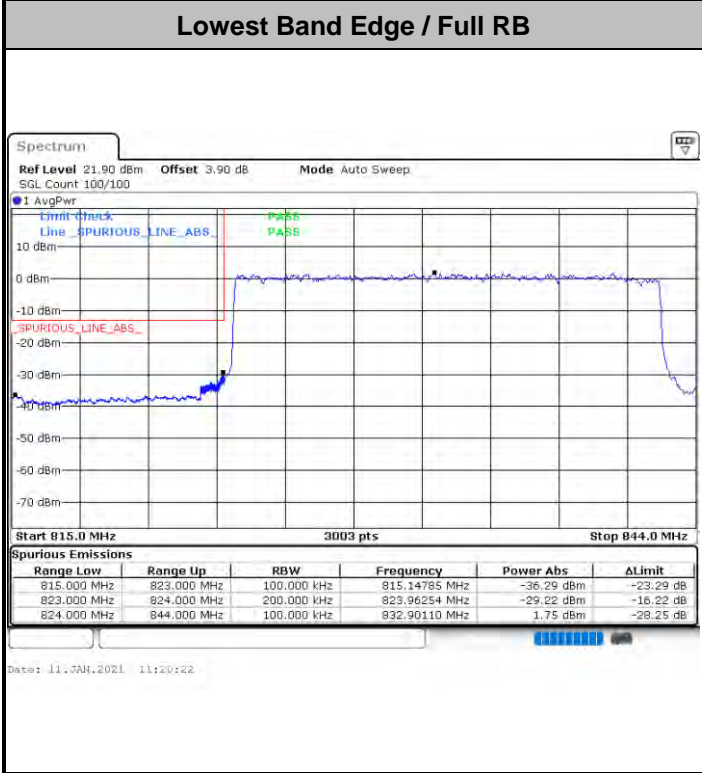
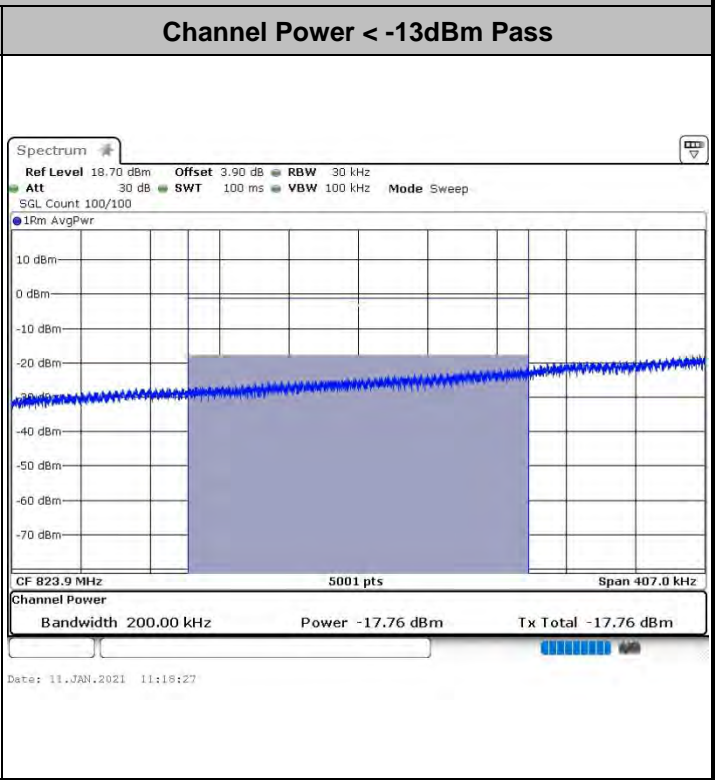
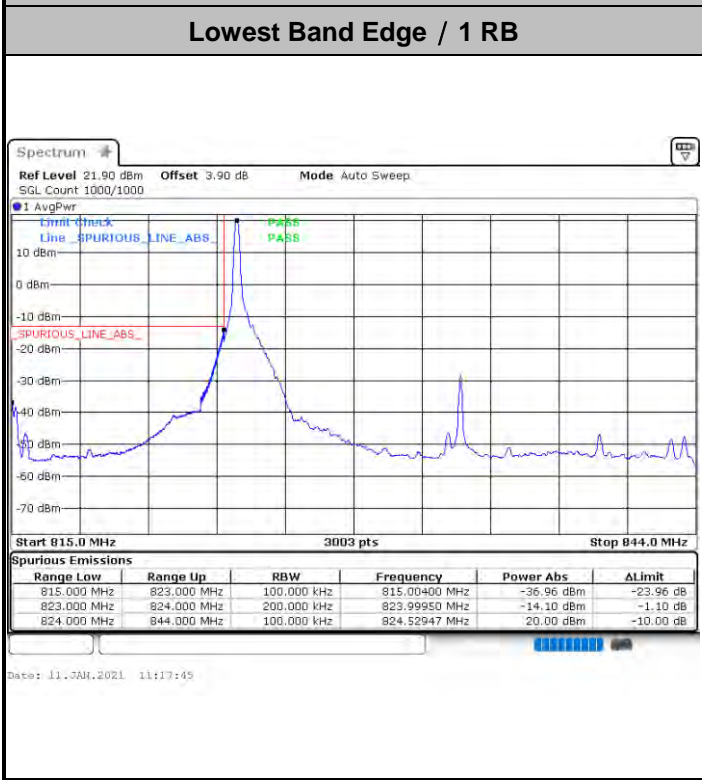


/

Date: 11-JAN-2021 14:16:56



**FR1 n5 / 20MHz / DFT-S OFDM BPSK**



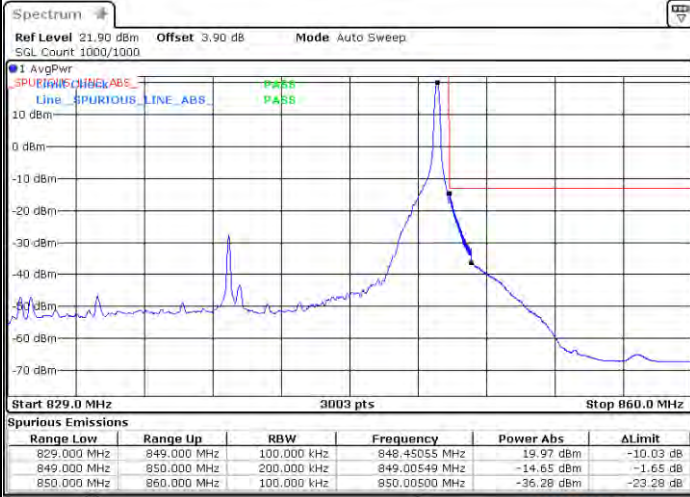




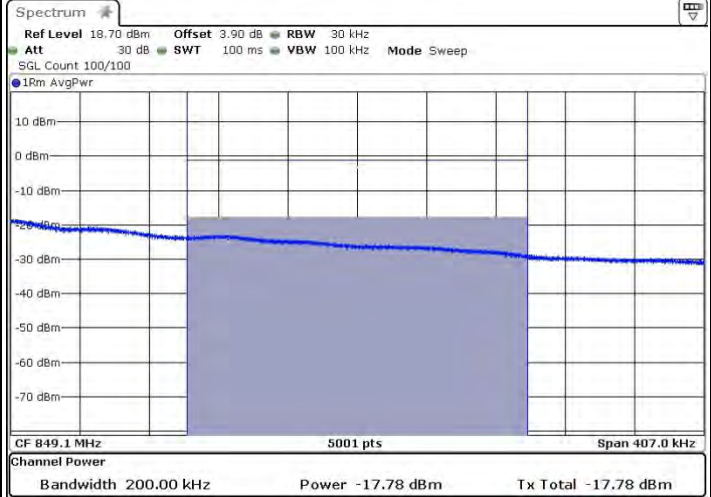
FR1 n5 / 20MHz / DFT-S OFDM BPSK

Highest Band Edge / 1 RB

Channel Power < -13dBm Pass



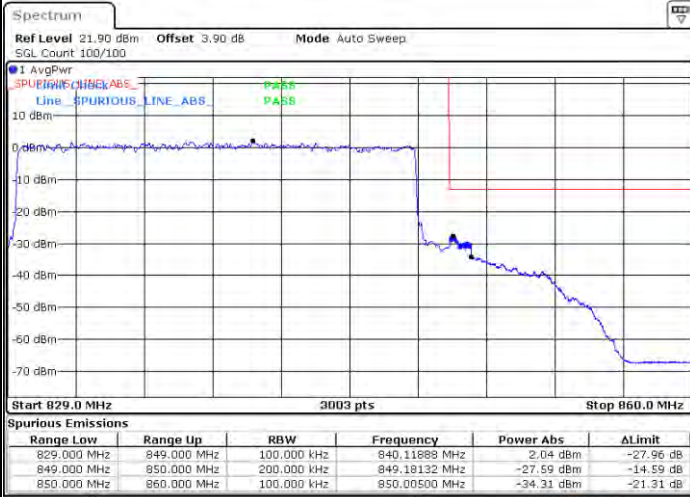
Date: 11.JAN.2021 09:37:00



Date: 11.JAN.2021 09:38:28

Highest Band Edge / Full RB

Channel Power < -13dBm Pass



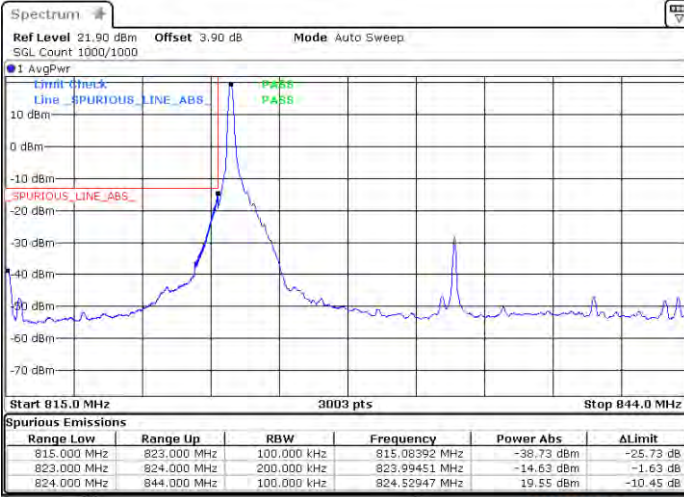
Date: 11.JAN.2021 11:29:07

/



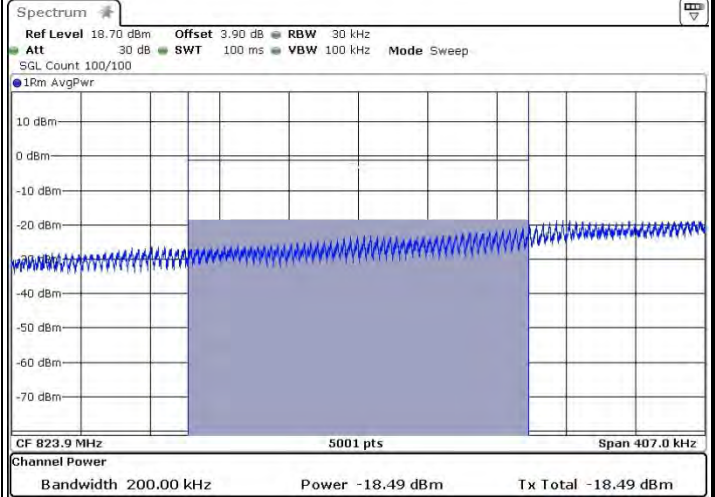
FR1 n5 / 20MHz / DFT-S OFDM QPSK

Lowest Band Edge / 1 RB



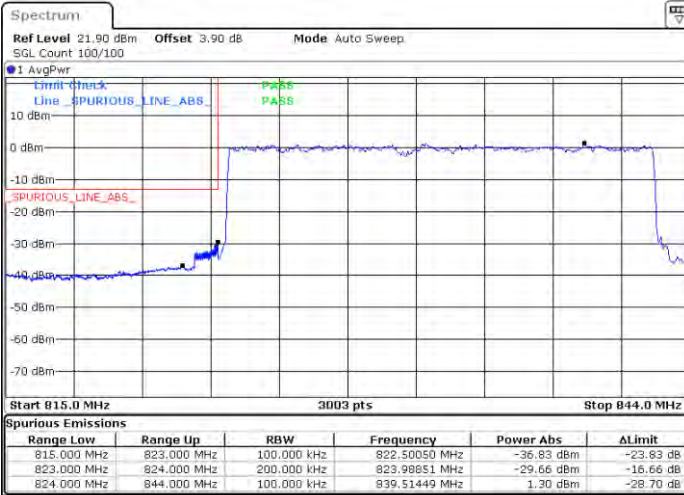
Date: 11.JAN.2021 11:10:41

Channel Power < -13dBm Pass



Date: 11.JAN.2021 11:11:49

Lowest Band Edge / Full RB



Date: 11.JAN.2021 11:21:13

Channel Power < -13dBm Pass

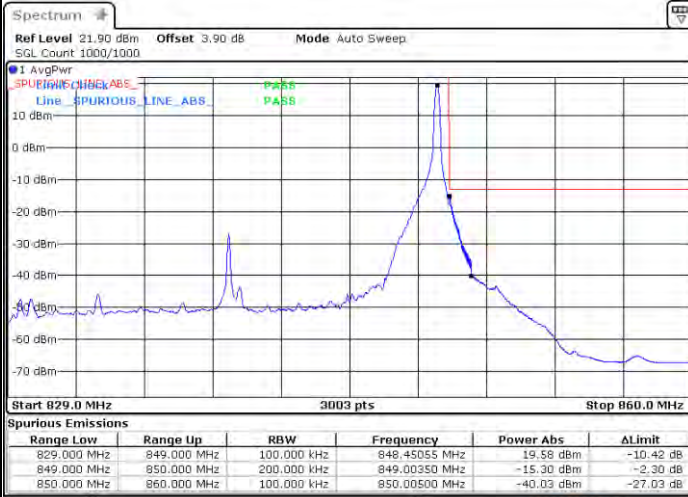
/



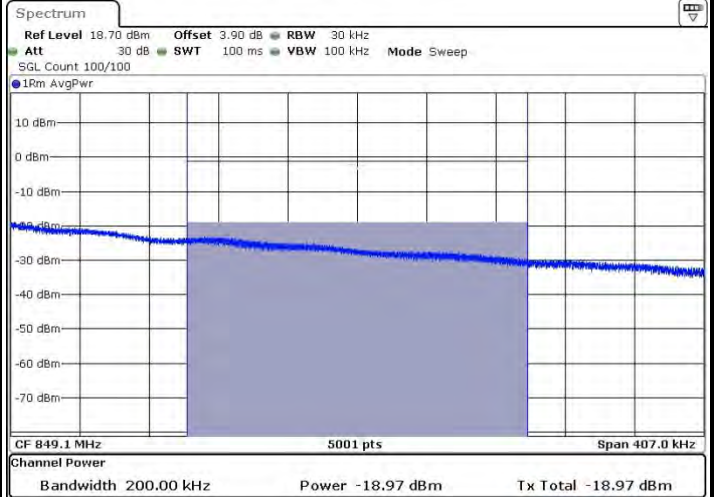
FR1 n5 / 20MHz / DFT-S OFDM QPSK

Highest Band Edge / 1 RB

Channel Power < -13dBm Pass



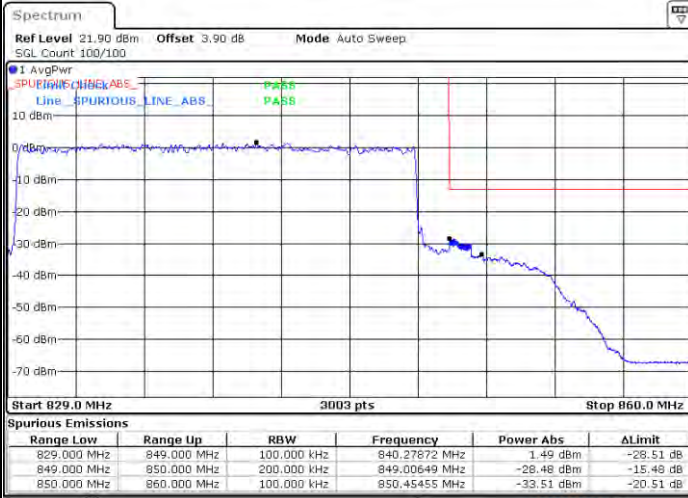
Date: 11.JAN.2021 08:48:17



Date: 11.JAN.2021 08:38:53

Highest Band Edge / Full RB

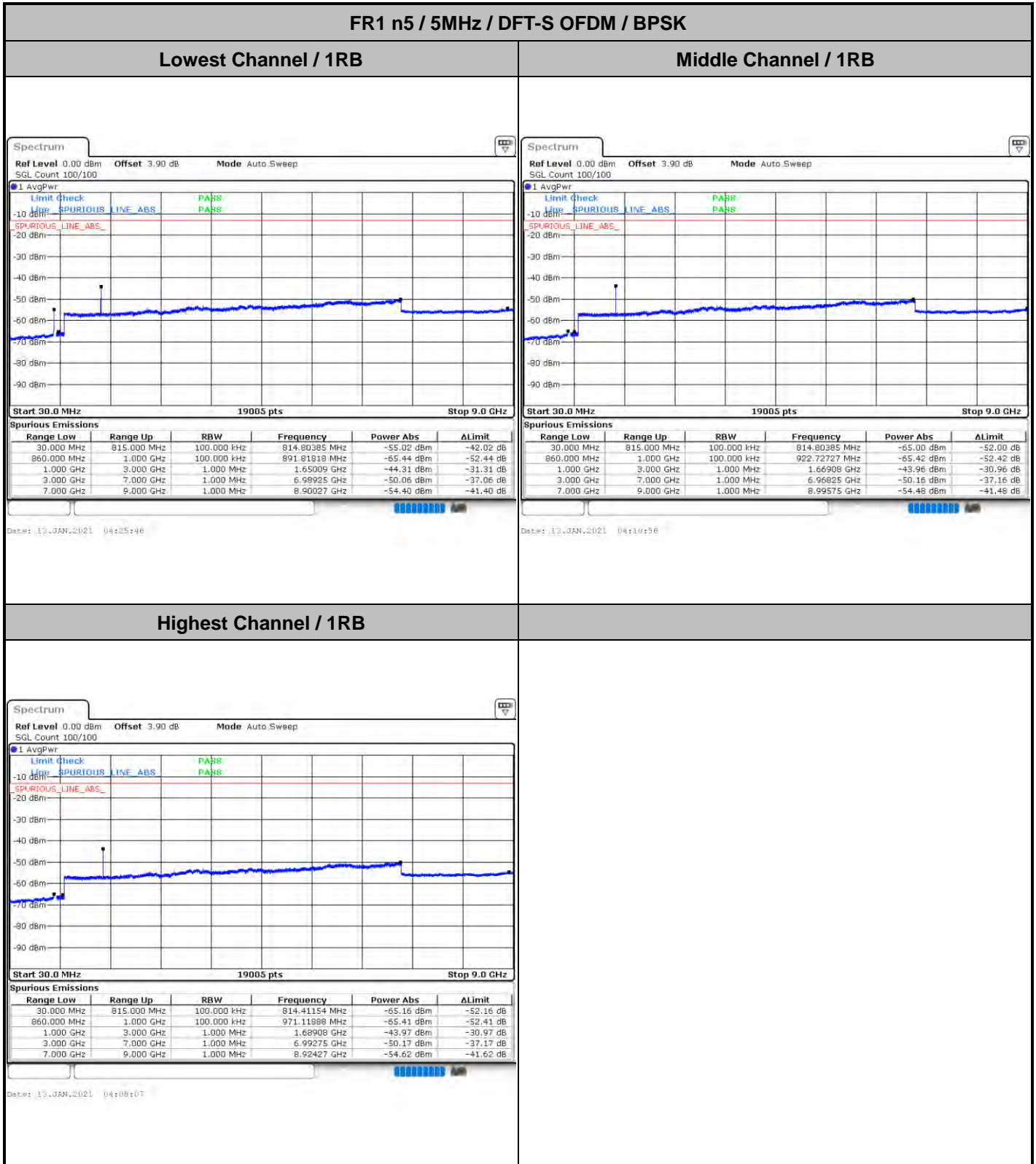
Channel Power < -13dBm Pass



Date: 11.JAN.2021 11:26:11



# Conducted Spurious Emission

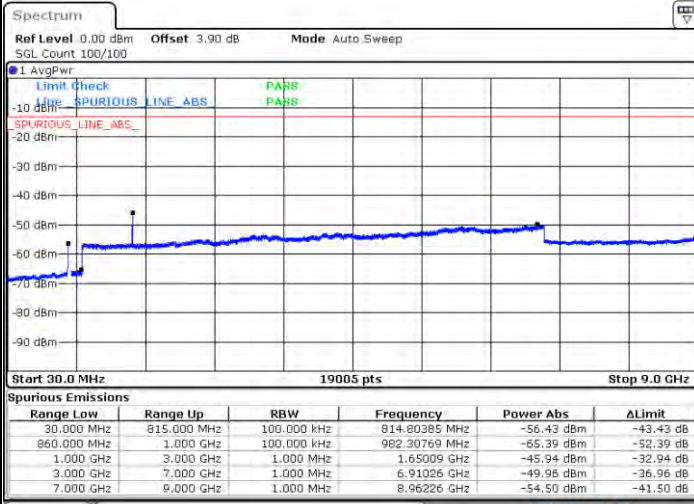




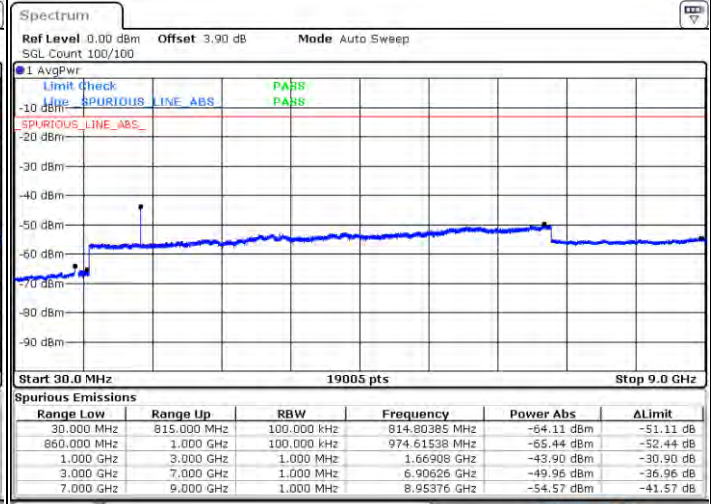
FR1 n5 / 5MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB

Middle Channel / 1RB

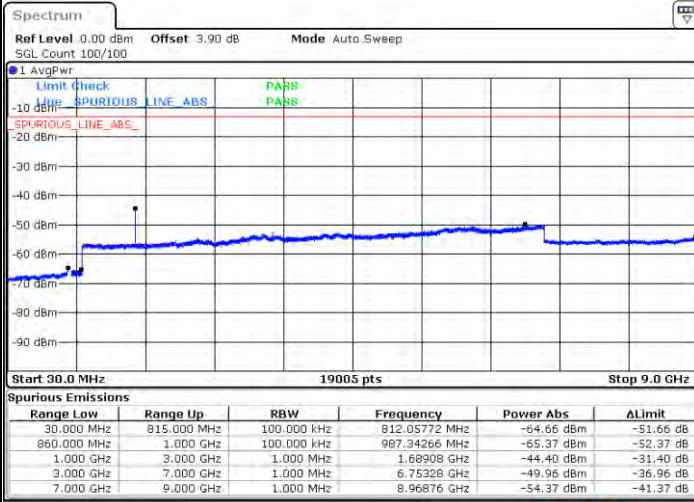


Date: 13.JAN.2021 04:22:32



Date: 13.JAN.2021 04:14:35

Highest Channel / 1RB



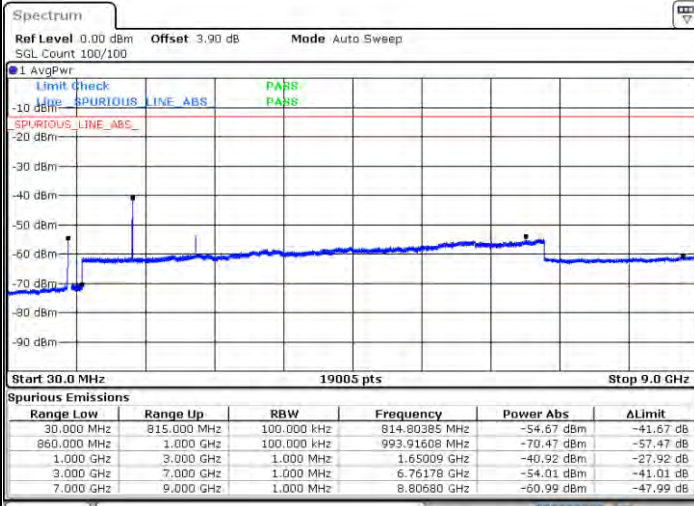
Date: 13.JAN.2021 04:07:34



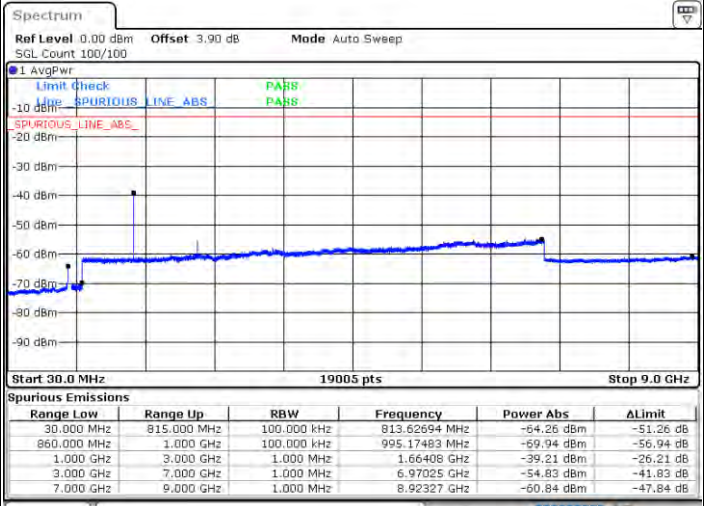
FR1 n5 / 10MHz / DFT-S OFDM / BPSK

Lowest Channel / 1RB

Middle Channel / 1RB

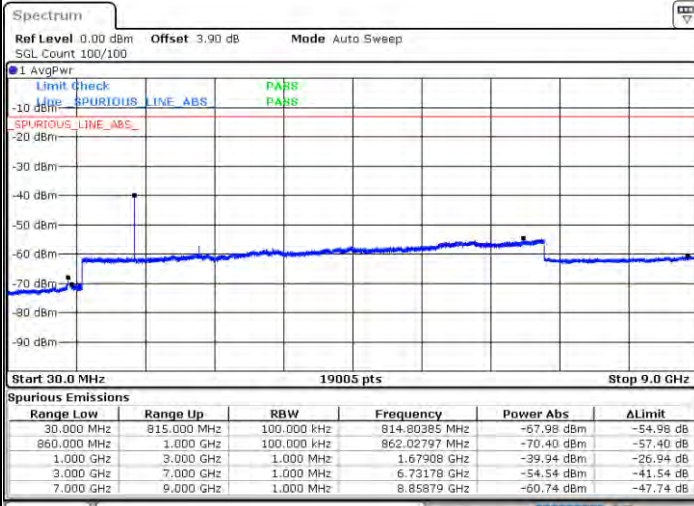


Date: 11.JAN.2021 14:09:03



Date: 11.JAN.2021 14:12:34

Highest Channel / 1RB



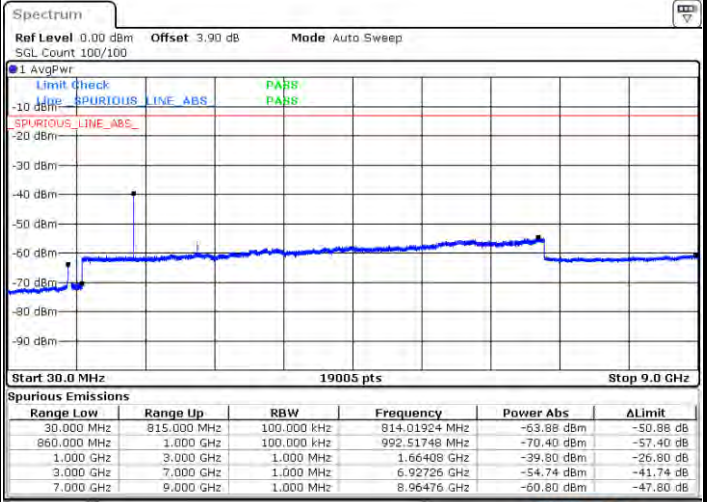
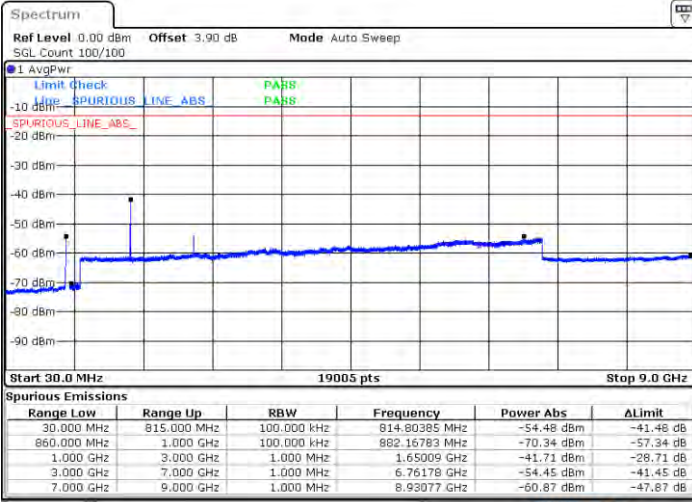
Date: 11.JAN.2021 14:18:20



FR1 n5 / 10MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB

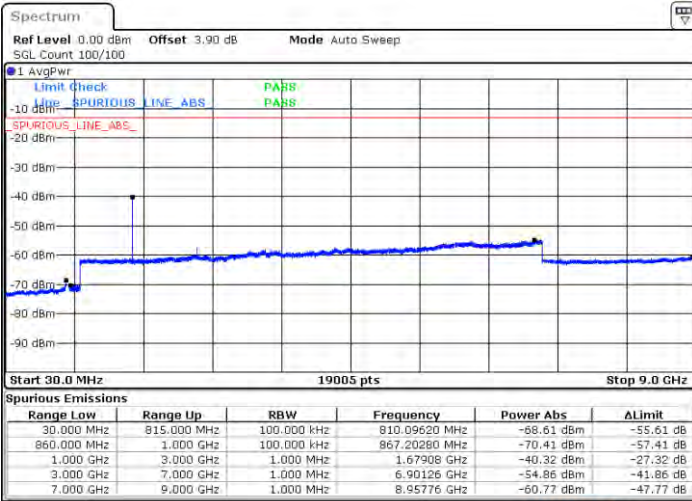
Middle Channel / 1RB



Date: 11.JAN.2021 14:02:03

Date: 11.JAN.2021 14:13:25

Highest Channel / 1RB



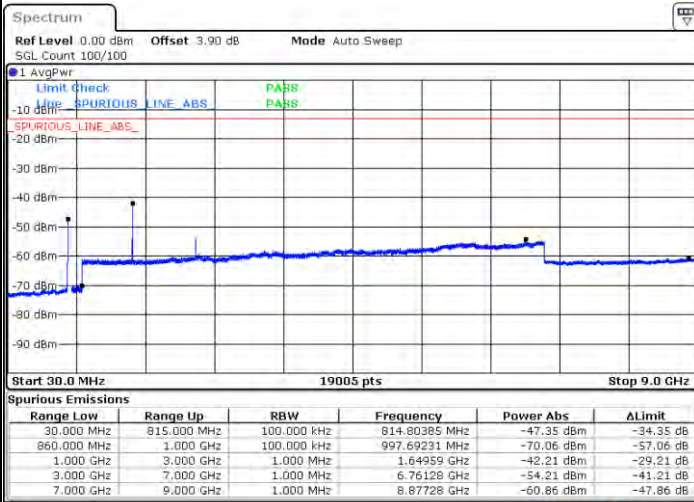
Date: 11.JAN.2021 14:17:20



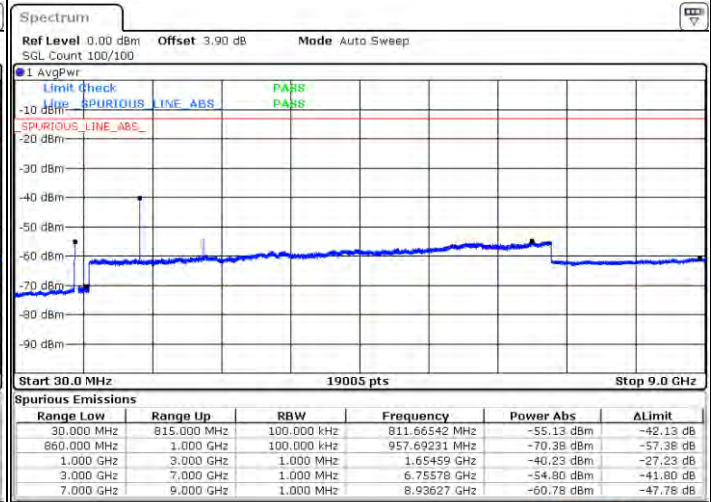
FR1 n5 / 20MHz / DFT-S OFDM / BPSK

Lowest Channel / 1RB

Middle Channel / 1RB

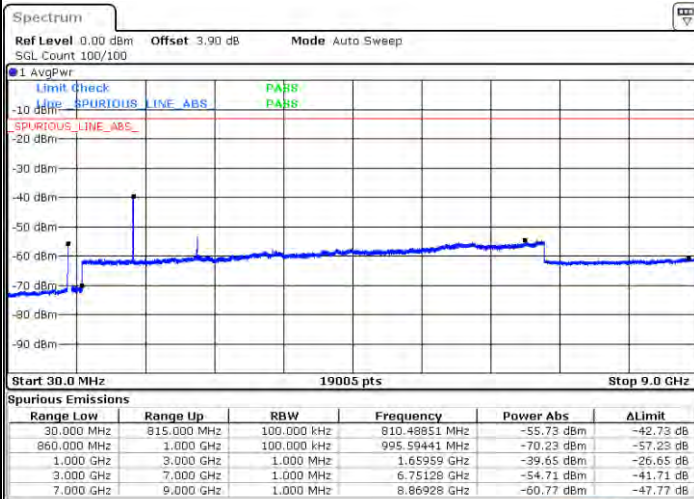


Date: 11 JAN 2021 09:28:31



Date: 11 JAN 2021 09:28:01

Highest Channel / 1RB



Date: 11 JAN 2021 09:32:06

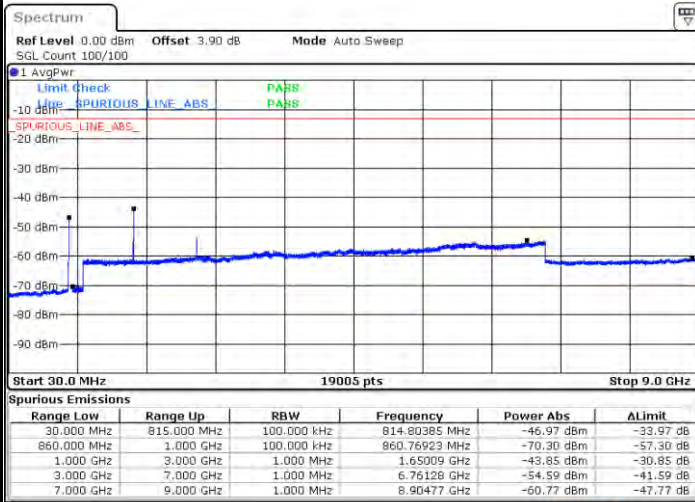




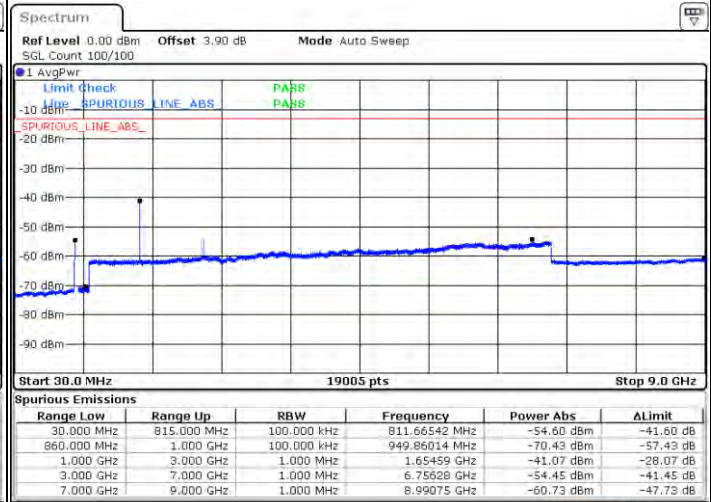
FR1 n5 / 20MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB

Middle Channel / 1RB

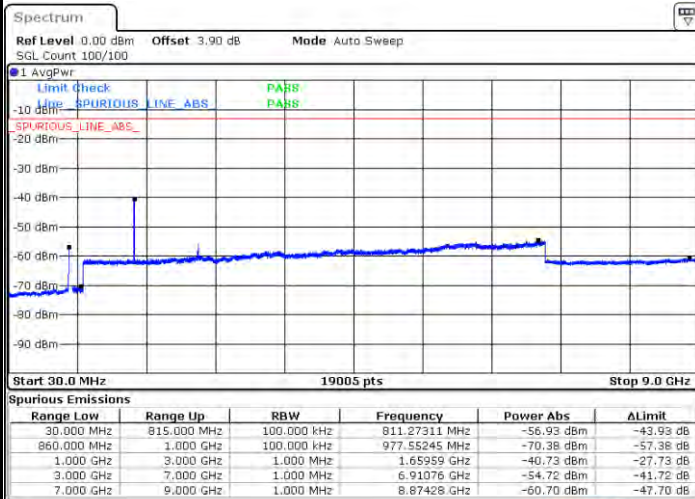


Date: 11 JAN 2021 09:28:58



Date: 11 JAN 2021 09:26:56

Highest Channel / 1RB



Date: 11 JAN 2021 09:31:16



Frequency Stability

Test Conditions		NR n5 (BPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0005	PASS
40	Normal Voltage	0.0017	
30	Normal Voltage	0.0018	
20(Ref.)	Normal Voltage	0.0013	
10	Normal Voltage	0.0013	
0	Normal Voltage	0.0016	
-10	Normal Voltage	0.0022	
-20	Normal Voltage	0.0015	
-30	Normal Voltage	0.0017	
20	Maximum Voltage	0.0025	
20	Normal Voltage	0.0013	
20	Battery End Point	0.0029	

Note:

1. Normal Voltage =3.3 V. ; Battery End Point (BEP) =3.14 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



# FR1 n5 NSA

## Peak-to-Average Ratio

Mode	FR1 n5+2A / 20MHz / DFT-S OFDM				
Mod.	PI/2 BPSK	PI/2 BPSK	QPSK	QPSK	Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.48	3.77	5.33	5.16	<b>PASS</b>
Middle CH	3.48	3.83	5.19	5.39	
Highest CH	3.65	3.88	5.45	5.36	



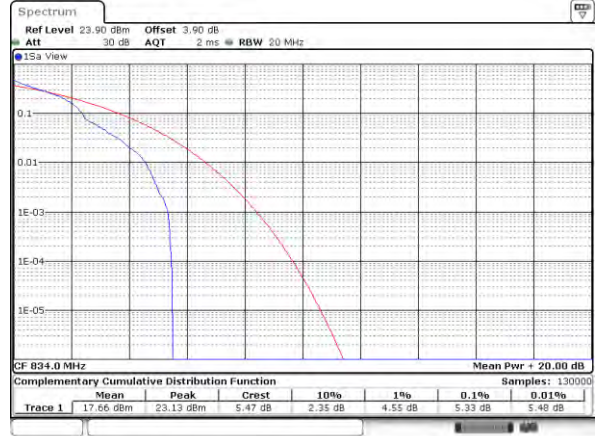
FR1 n5+2A / 20MHz / DFT-S OFDM

PI/2 BPSK

QPSK

Lowest Channel / 1RB

Lowest Channel / 1RB

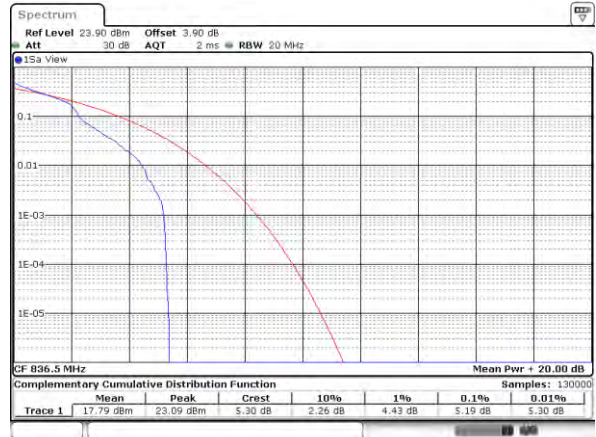
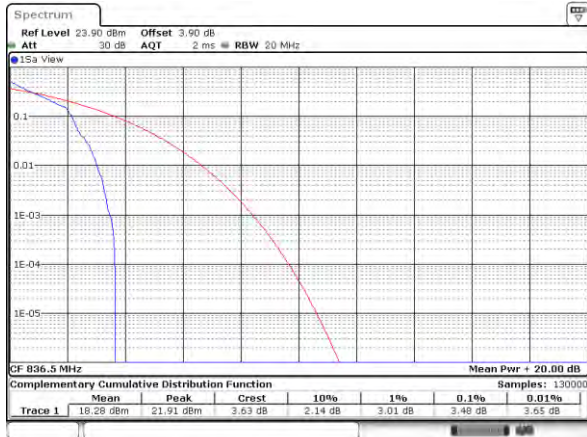


Date: 14\_JAN\_2021 02:41:19

Date: 14\_JAN\_2021 02:40:36

Middle Channel / 1 RB

Middle Channel / 1 RB

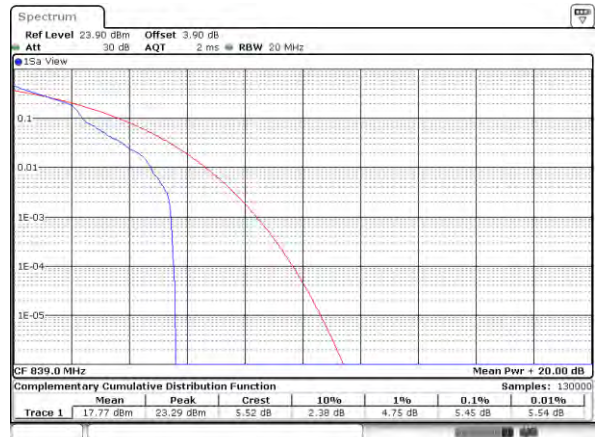
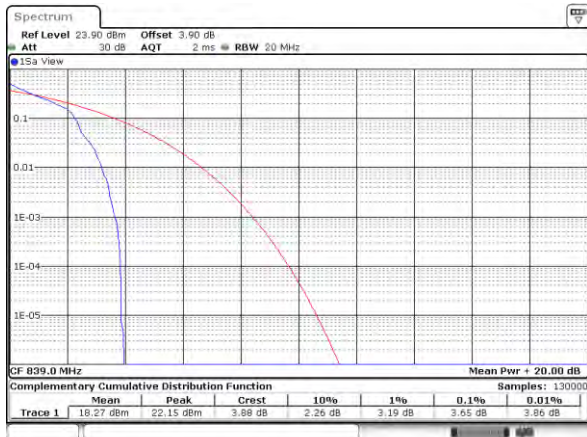


Date: 14\_JAN\_2021 02:43:33

Date: 14\_JAN\_2021 02:43:45

Highest Channel / 1 RB

Highest Channel / 1 RB



Date: 14\_JAN\_2021 02:47:56

Date: 14\_JAN\_2021 02:48:10



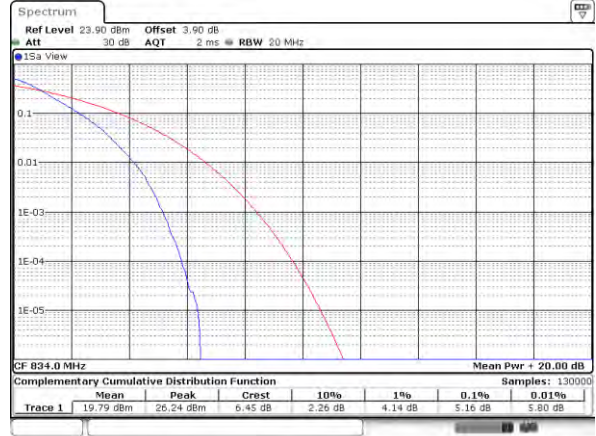
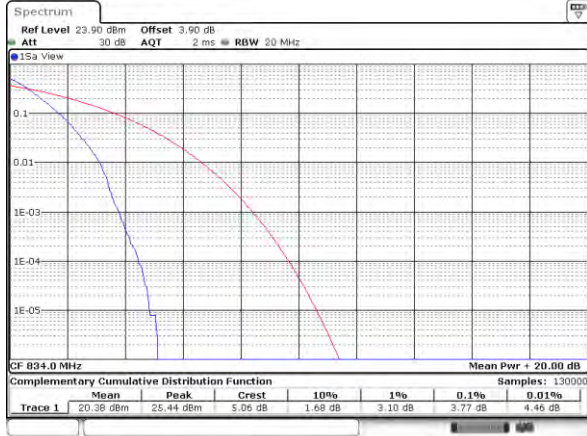
FR1 n5+2A / 20MHz / DFT-S OFDM

PI/2 BPSK

QPSK

Lowest Channel / Full RB

Lowest Channel / Full RB

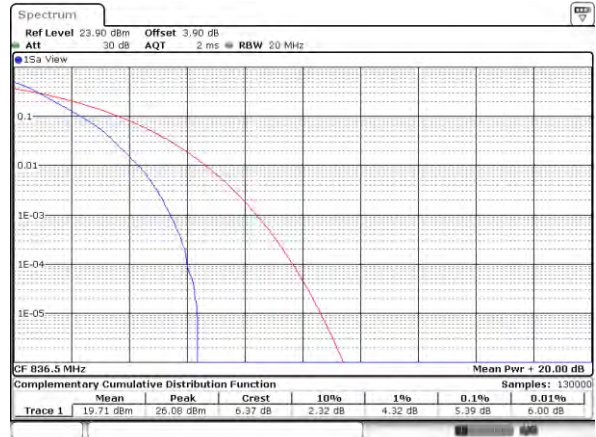
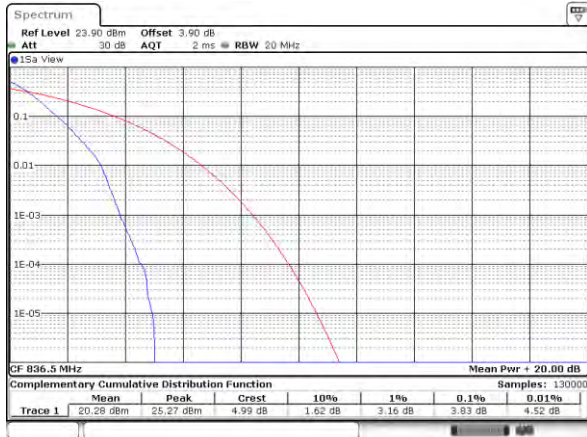


Date: 14, JAN, 2021 02:41:43

Date: 14, JAN, 2021 02:42:07

Middle Channel / Full RB

Middle Channel / Full RB

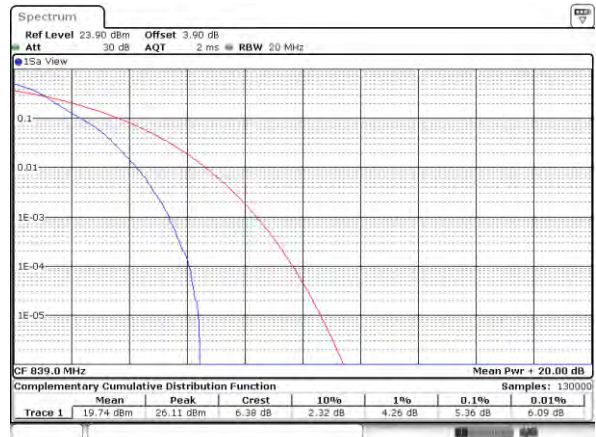
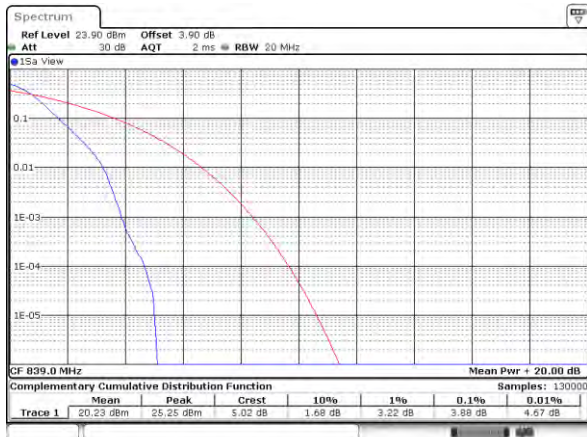


Date: 14, JAN, 2021 02:43:09

Date: 14, JAN, 2021 02:43:45

Highest Channel / Full RB

Highest Channel / Full RB



Date: 14, JAN, 2021 02:48:56

Date: 14, JAN, 2021 02:49:23



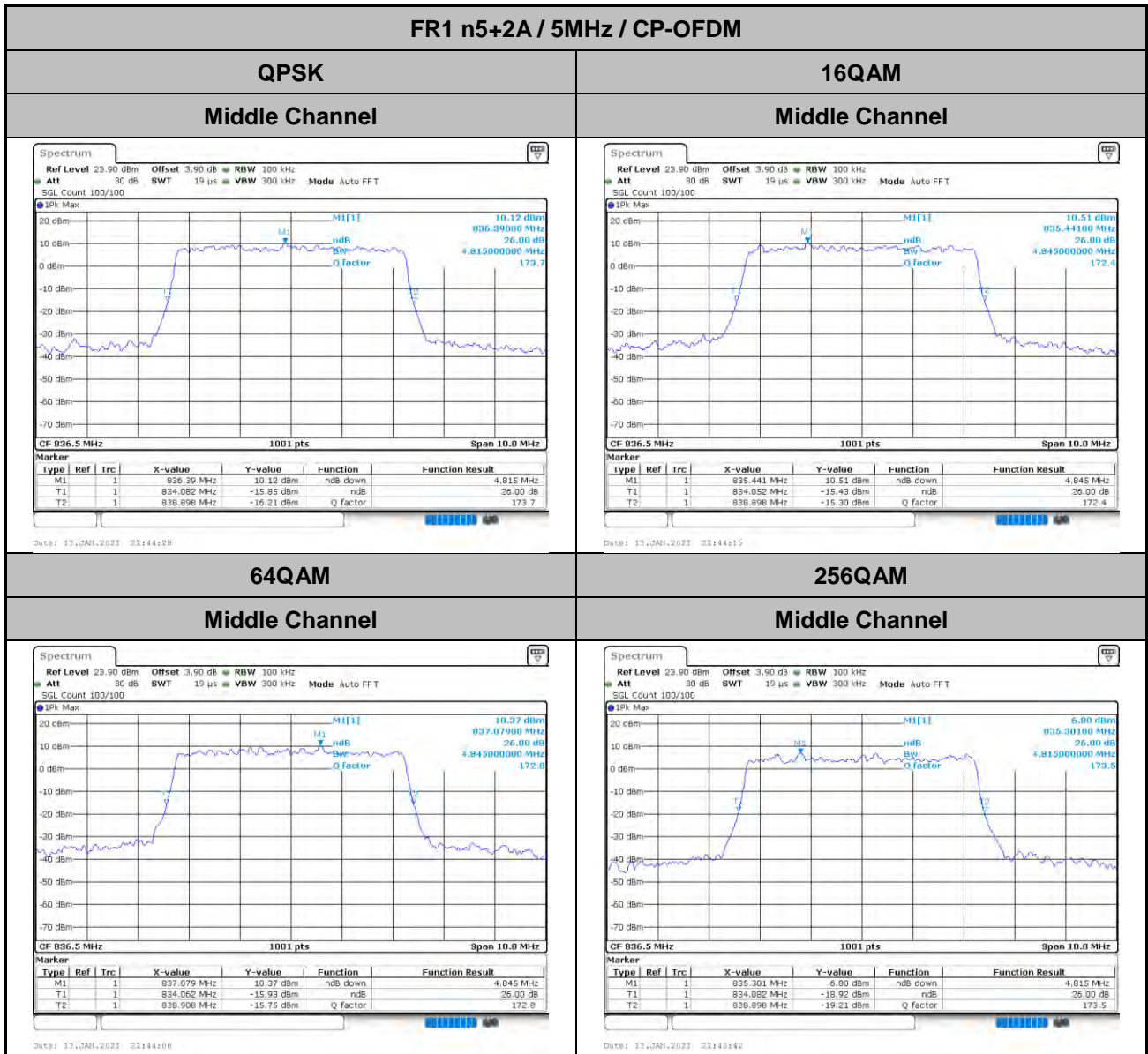
26dB Bandwidth

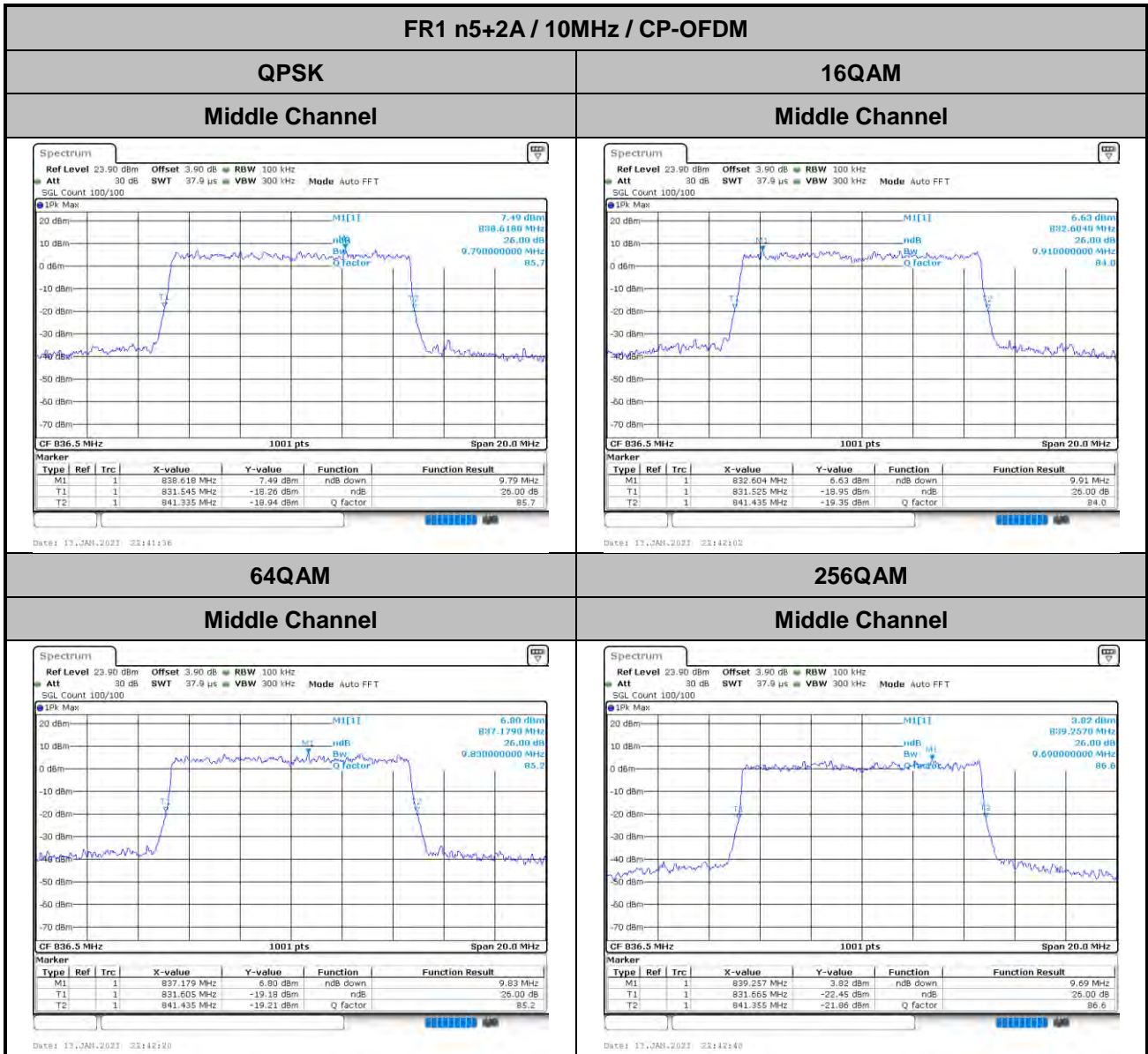
Mode	FR1 n5+2A : 26dB BW(MHz) / CP-OFDM							
BW	5MHz	5MHz	5MHz	5MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	4.82	4.84	4.84	4.82				

Mode	FR1 n5+2A : 26dB BW(MHz) / CP-OFDM							
BW	10MHz	10MHz	10MHz	10MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	9.79	9.91	9.83	9.69				

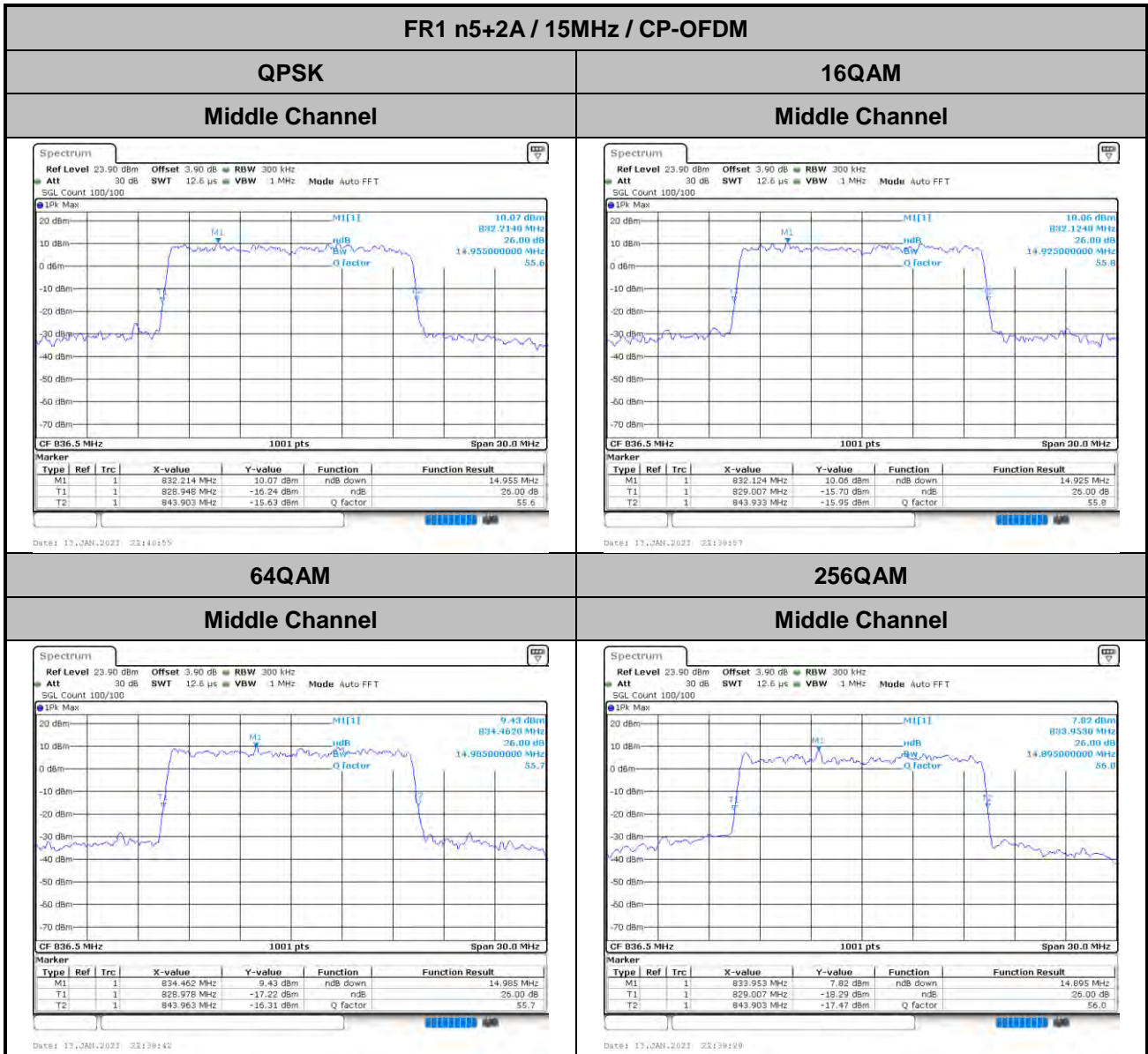
Mode	FR1 n5+2A : 26dB BW(MHz) / CP-OFDM							
BW	15MHz	15MHz	15MHz	15MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	14.96	14.93	14.98	14.89				

Mode	FR1 n5+2A : 26dB BW(MHz) / CP-OFDM							
BW	20MHz	20MHz	20MHz	20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	19.74	20.02	20.22	19.98				











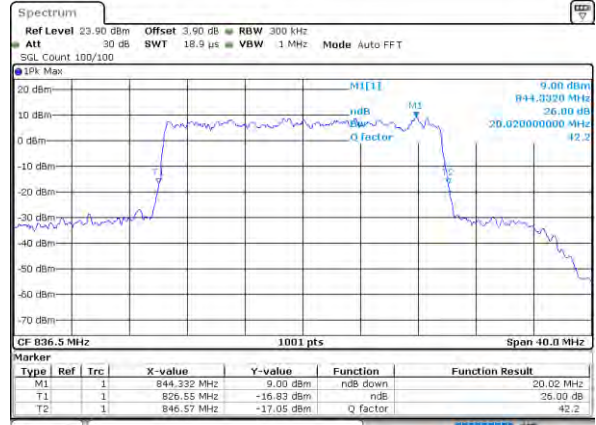
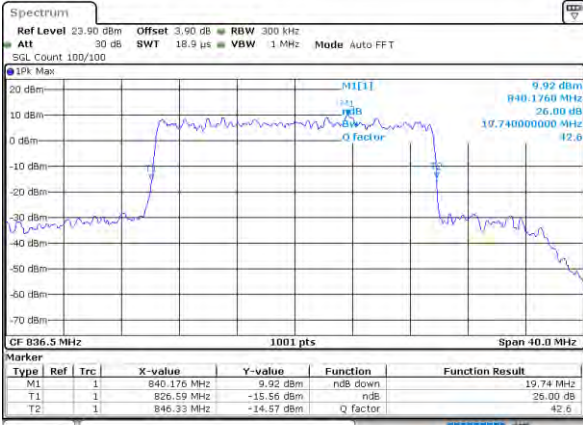
FR1 n5+2A / 20MHz / CP-OFDM

QPSK

16QAM

Middle Channel

Middle Channel



Date: 13, JAN, 2021 22:37:50

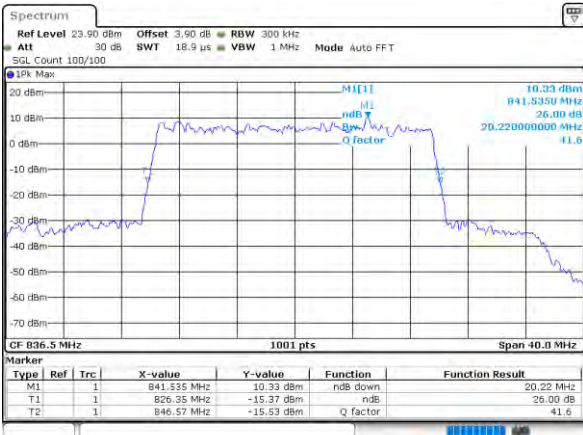
Date: 13, JAN, 2021 22:38:11

64QAM

256QAM

Middle Channel

Middle Channel



Date: 13, JAN, 2021 22:38:28



Date: 13, JAN, 2021 22:38:43



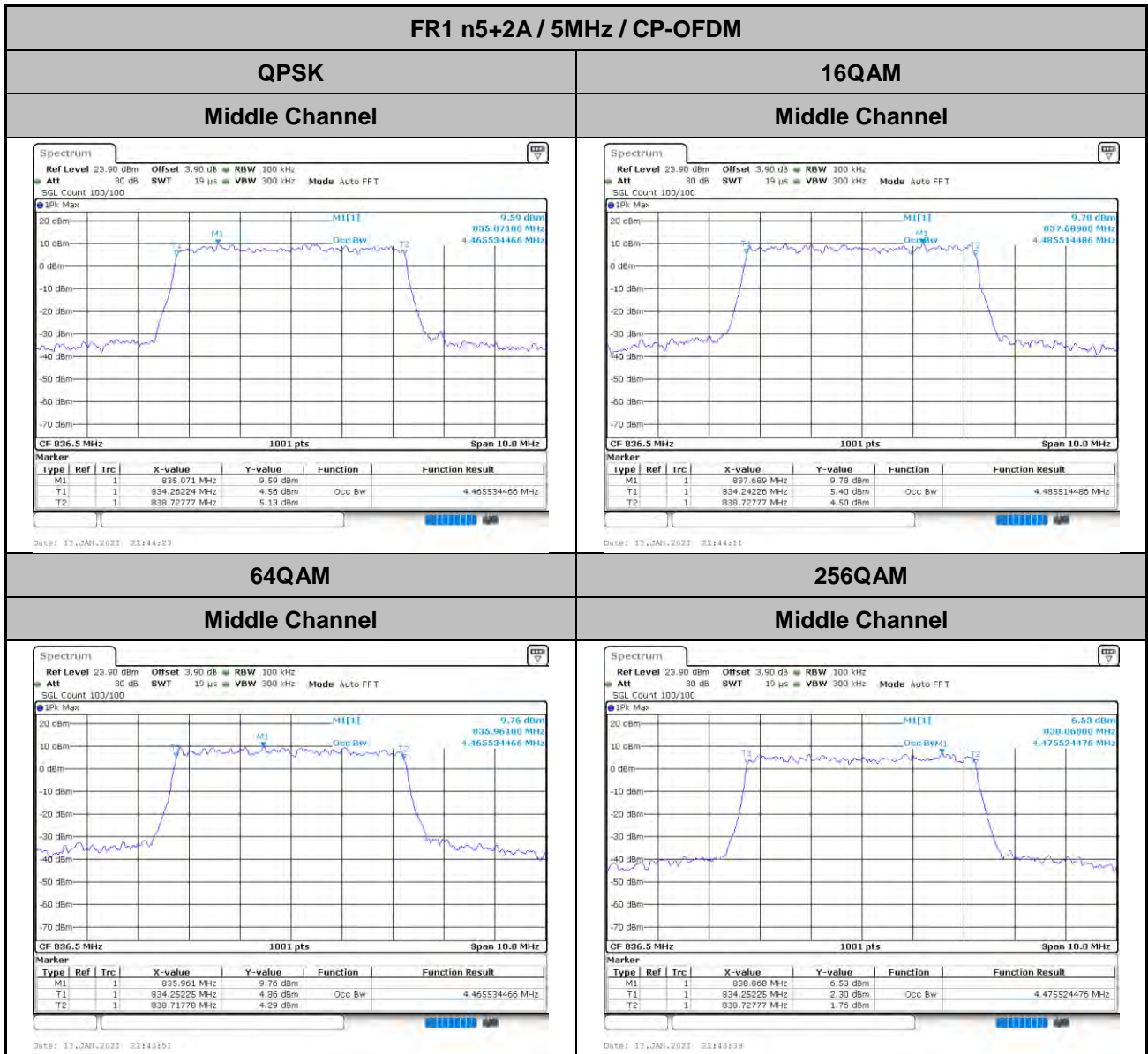
### Occupied Bandwidth

Mode	FR1 n5+2A : OBW(MHz) / CP-OFDM							
BW	5MHz	5MHz	5MHz	5MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	4.47	4.49	4.47	4.48				

Mode	FR1 n5+2A : OBW(MHz) / CP-OFDM							
BW	10MHz	10MHz	10MHz	10MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	9.27	9.29	9.27	9.31				

Mode	FR1 n5+2A : OBW(MHz) / CP-OFDM							
BW	15MHz	15MHz	15MHz	15MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	14.15	14.15	14.12	14.15				

Mode	FR1 n5+2A : OBW(MHz) / CP-OFDM							
BW	20MHz	20MHz	20MHz	20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	18.98	19.02	18.98	18.98				





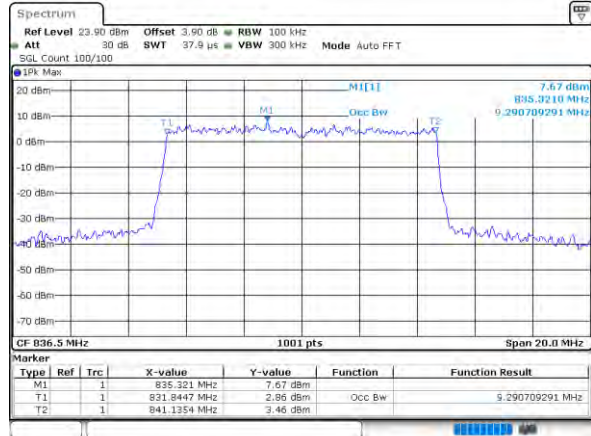
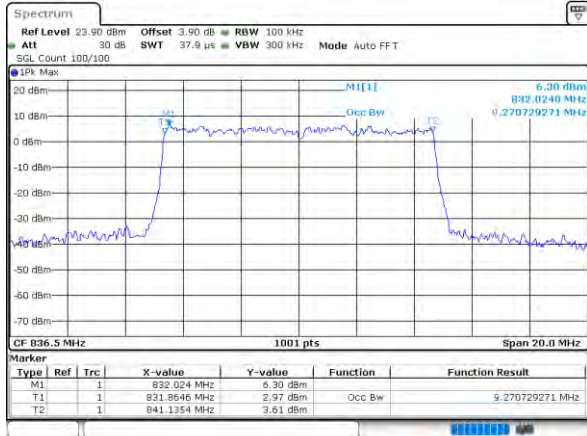
FR1 n5+2A / 10MHz / CP-OFDM

QPSK

16QAM

Middle Channel

Middle Channel



Date: 13.JAN.2021 22:41:33

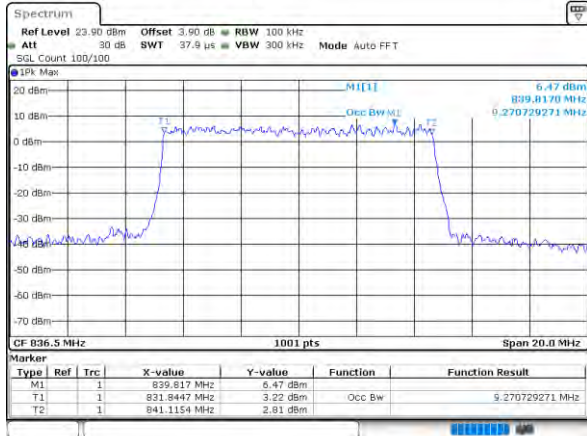
Date: 13.JAN.2021 22:41:53

64QAM

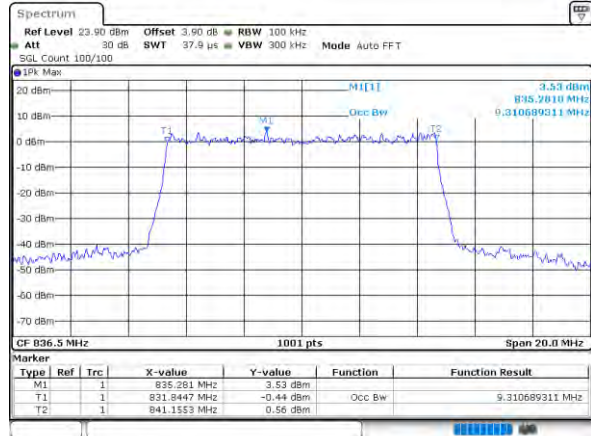
256QAM

Middle Channel

Middle Channel



Date: 13.JAN.2021 22:42:16



Date: 13.JAN.2021 22:42:36



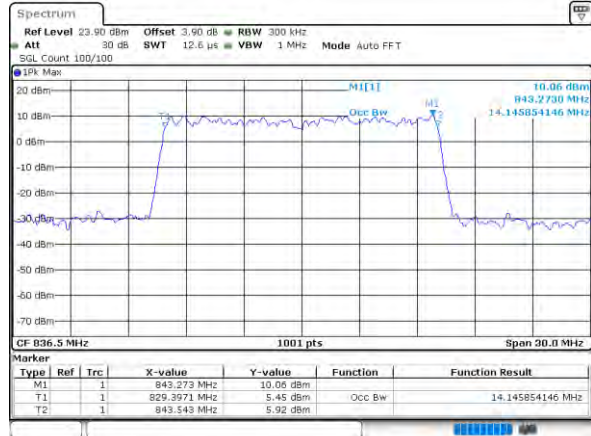
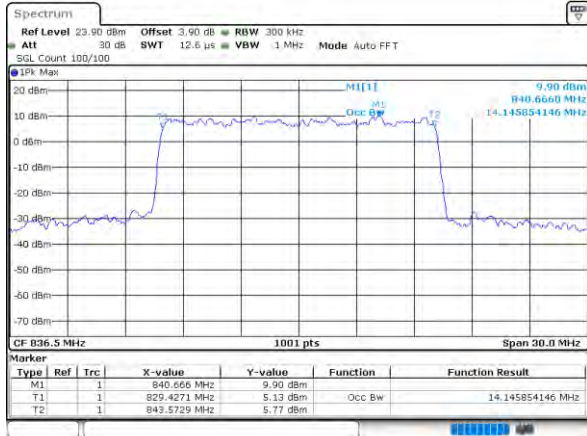
FR1 n5+2A / 15MHz / CP-OFDM

QPSK

16QAM

Middle Channel

Middle Channel



Date: 13, JAN, 2021 22:40:50

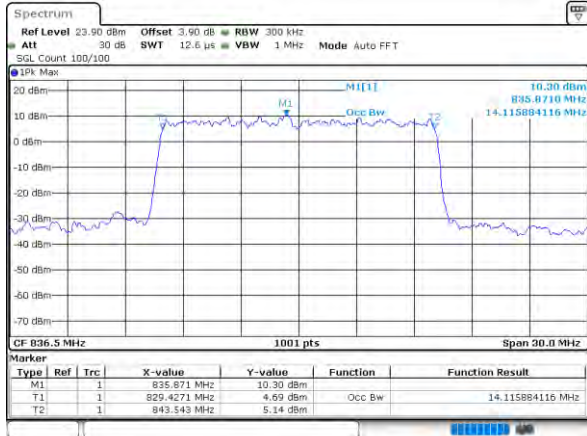
Date: 13, JAN, 2021 22:39:53

64QAM

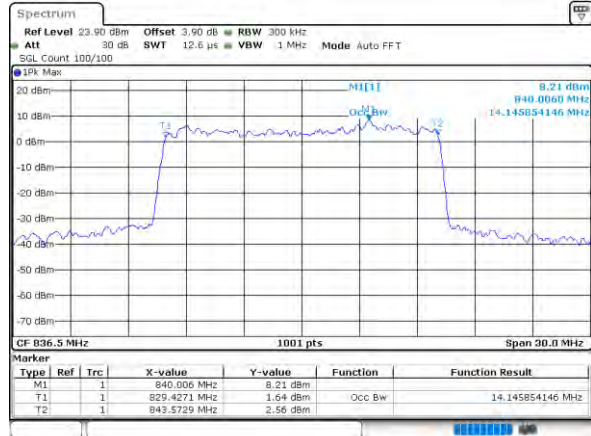
256QAM

Middle Channel

Middle Channel



Date: 13, JAN, 2021 22:39:38



Date: 13, JAN, 2021 22:39:24



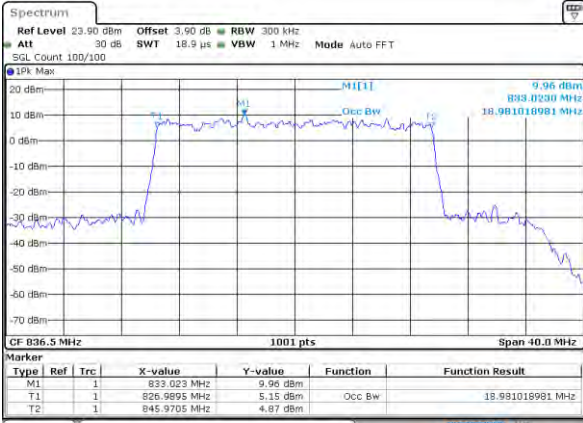
FR1 n5+2A / 20MHz / CP-OFDM

QPSK

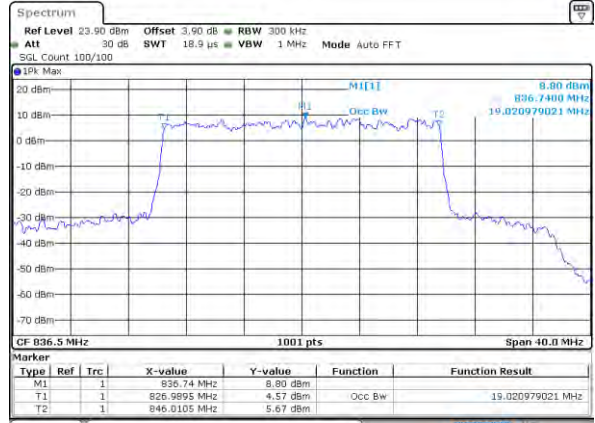
16QAM

Middle Channel

Middle Channel



Date: 13, JAN, 2021 22:37:43



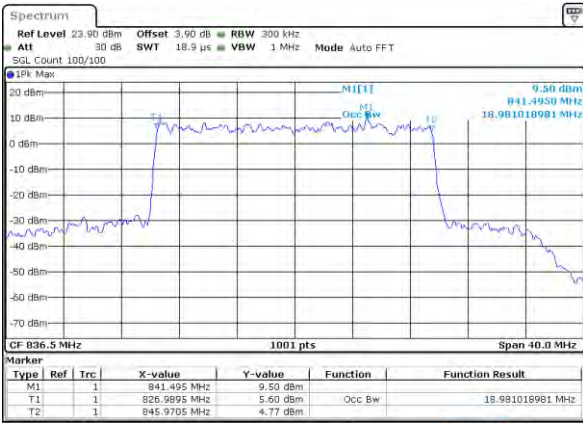
Date: 13, JAN, 2021 22:38:07

64QAM

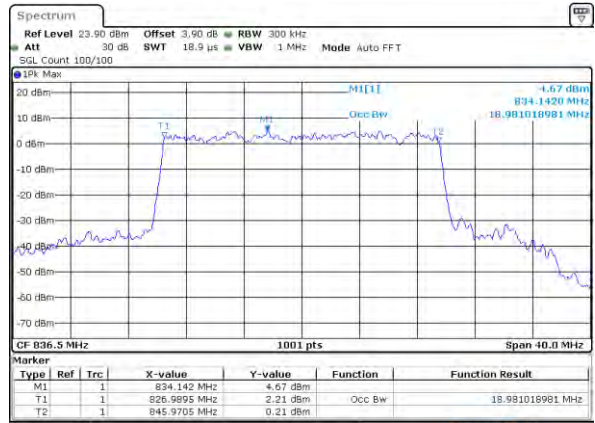
256QAM

Middle Channel

Middle Channel



Date: 13, JAN, 2021 22:38:23

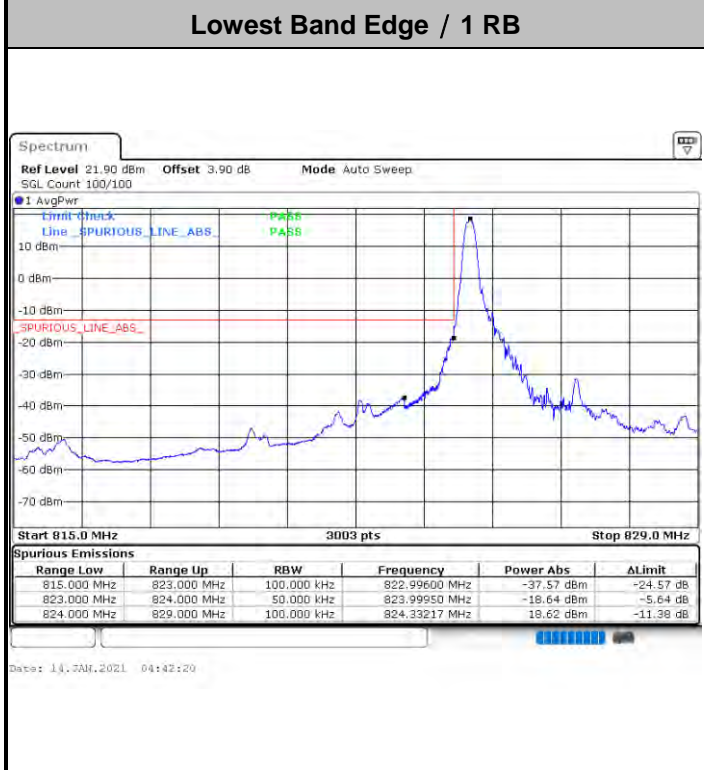


Date: 13, JAN, 2021 22:38:39

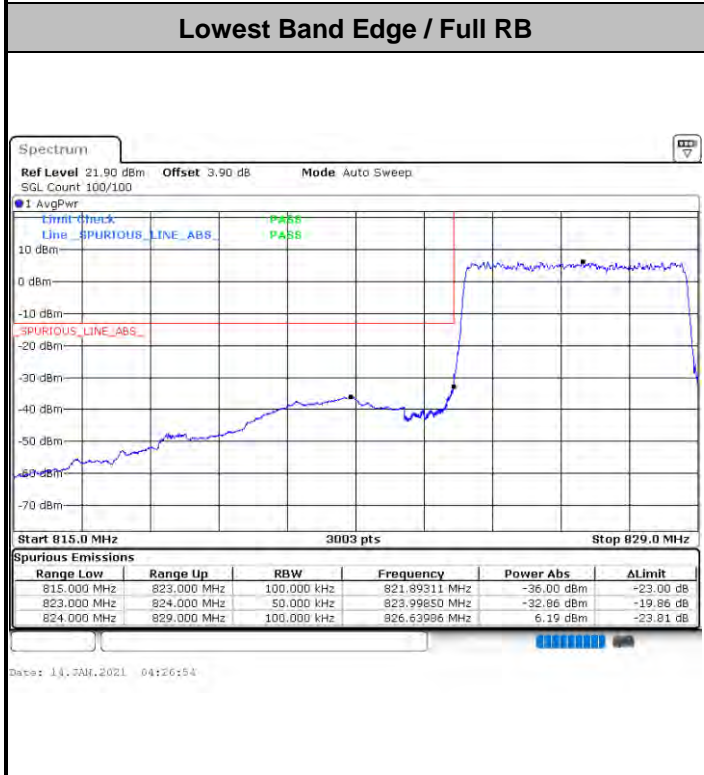


# Conducted Band Edge

## FR1 n5+2A / 5MHz / DFT-S OFDM BPSK



Channel Power < -13dBm Pass

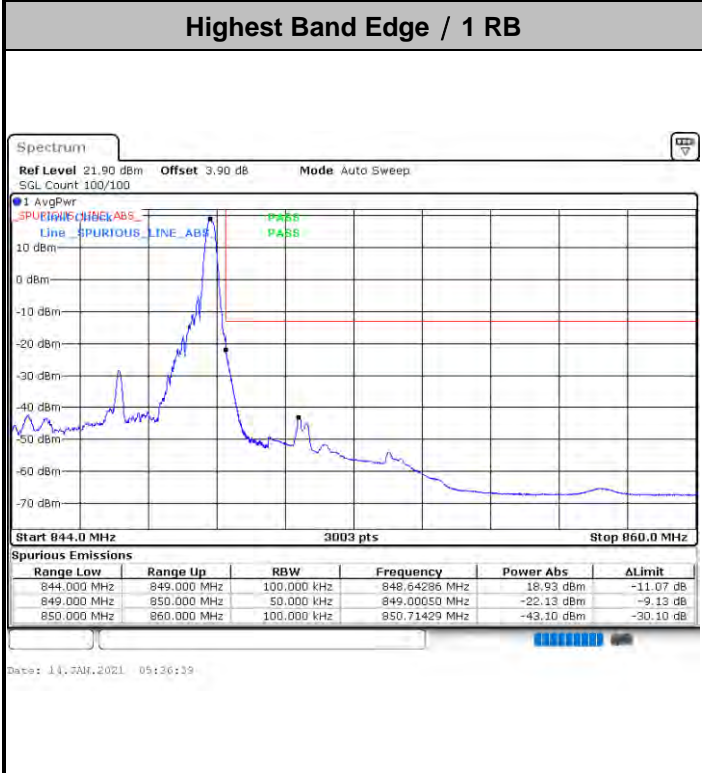


Channel Power < -13dBm Pass



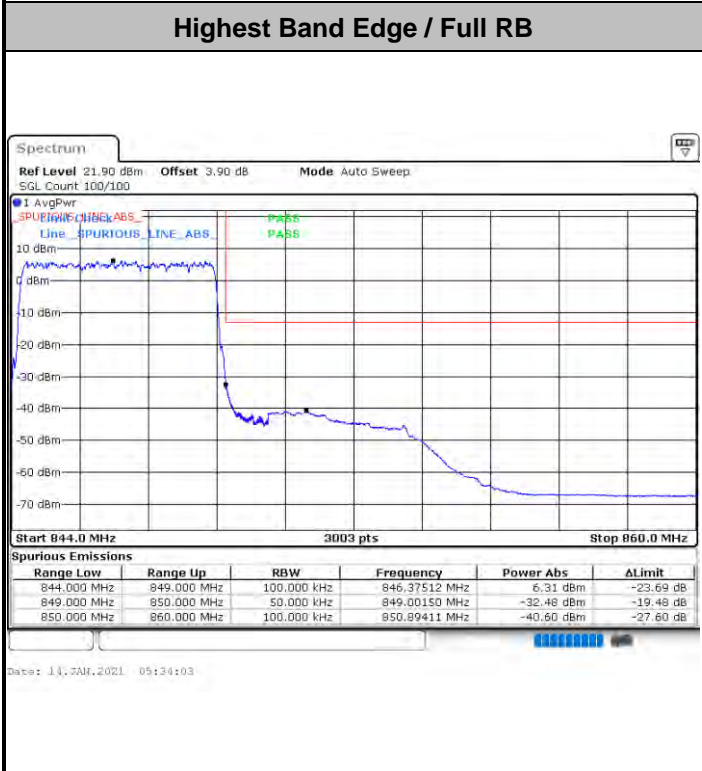


**FR1 n5+2A / 5MHz / DFT-S OFDM BPSK**



**Channel Power < -13dBm Pass**

/



**Channel Power < -13dBm Pass**

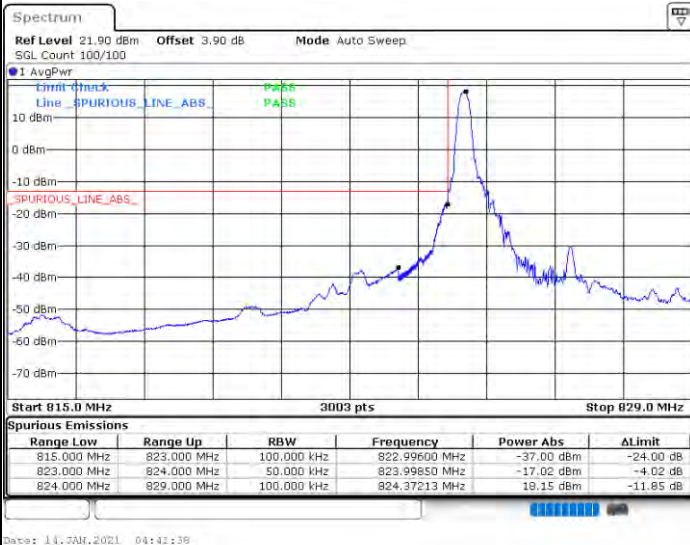
/



FR1 n5+2A / 5MHz / DFT-S OFDM QPSK

Lowest Band Edge / 1 RB

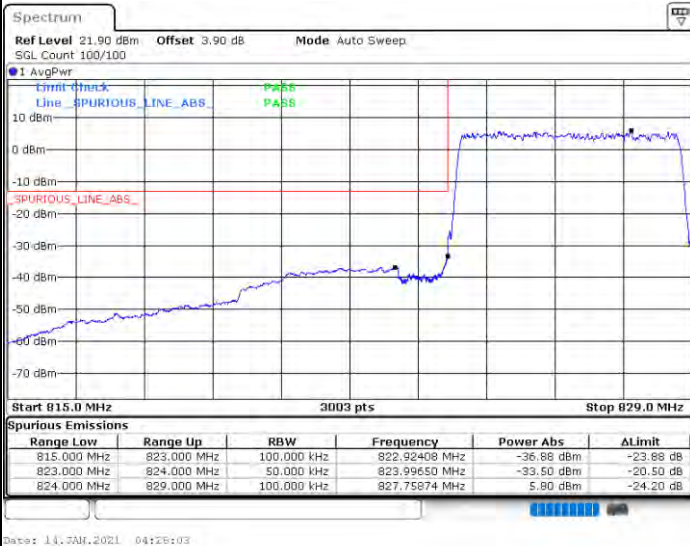
Channel Power < -13dBm Pass



/

Lowest Band Edge / Full RB

Channel Power < -13dBm Pass



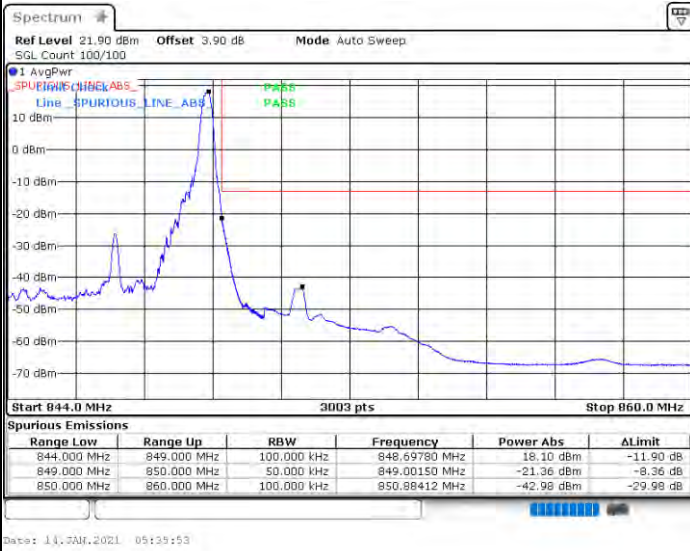
/



FR1 n5+2A / 5MHz / DFT-S OFDM QPSK

Highest Band Edge / 1 RB

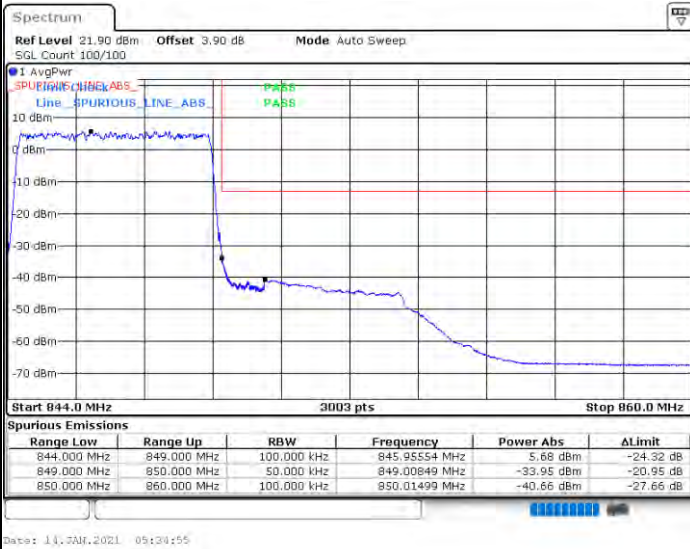
Channel Power < -13dBm Pass



/

Highest Band Edge / Full RB

Channel Power < -13dBm Pass

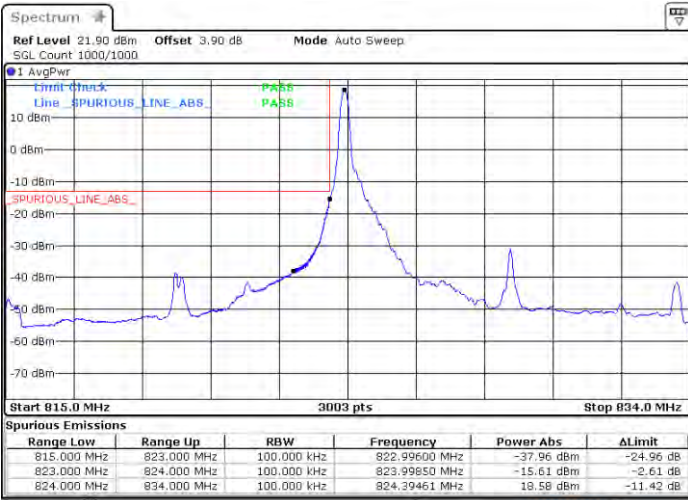


/



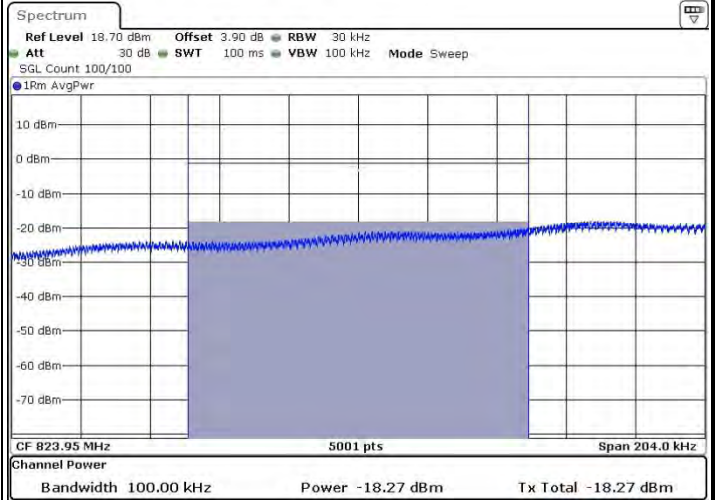
FR1 n5+2A / 10MHz / DFT-S OFDM BPSK

Lowest Band Edge / 1 RB



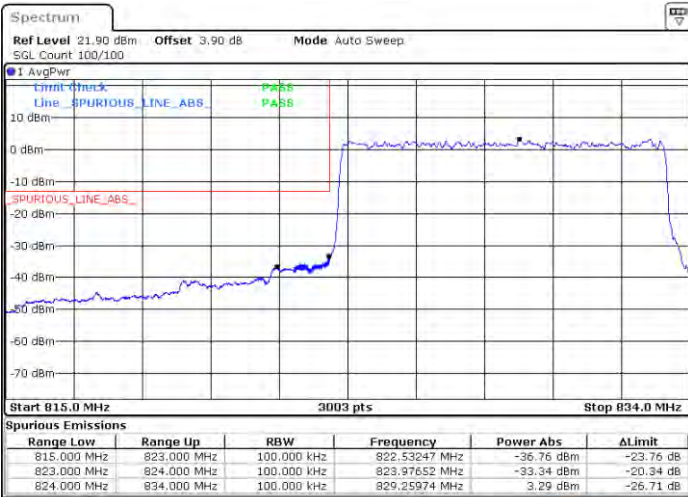
Date: 14, JAN, 2021 03:33:58

Channel Power < -13dBm Pass



Date: 14, JAN, 2021 03:47:14

Lowest Band Edge / Full RB



Date: 14, JAN, 2021 03:29:52

Channel Power < -13dBm Pass

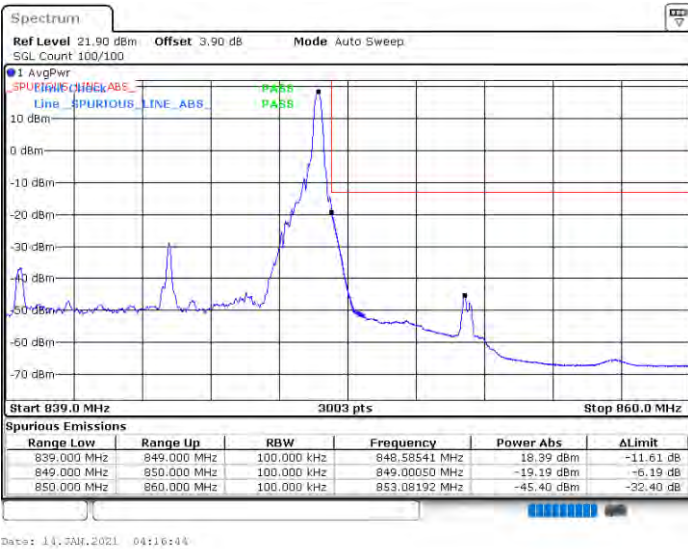
/



FR1 n5+2A / 10MHz / DFT-S OFDM BPSK

Highest Band Edge / 1 RB

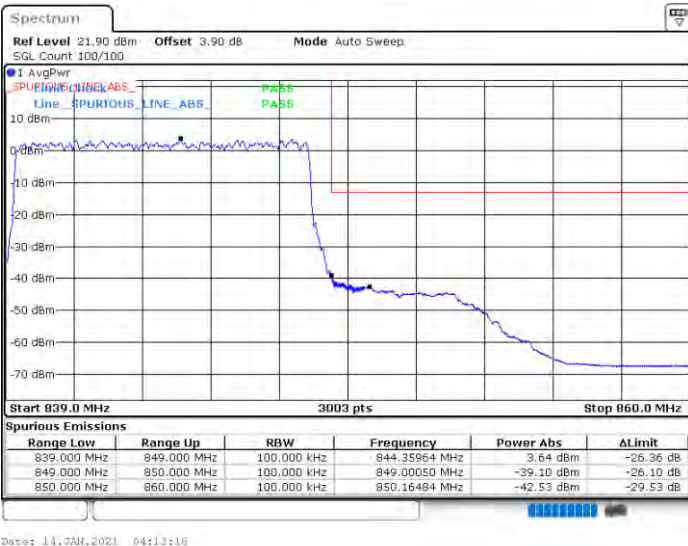
Channel Power < -13dBm Pass



/

Highest Band Edge / Full RB

Channel Power < -13dBm Pass



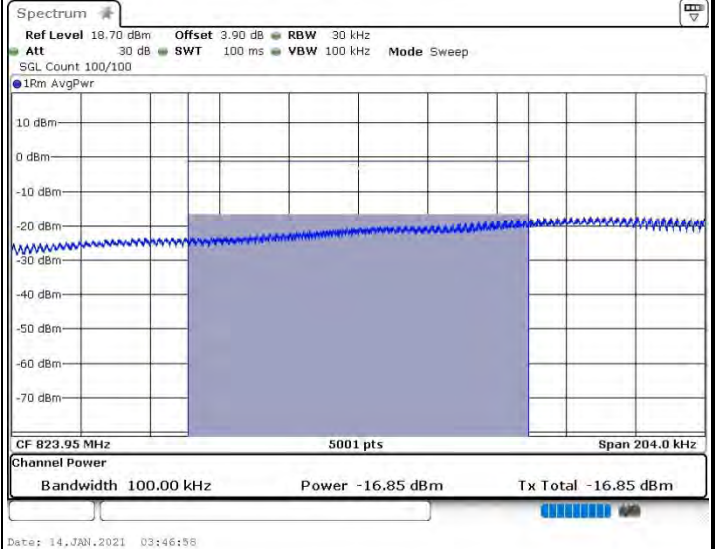
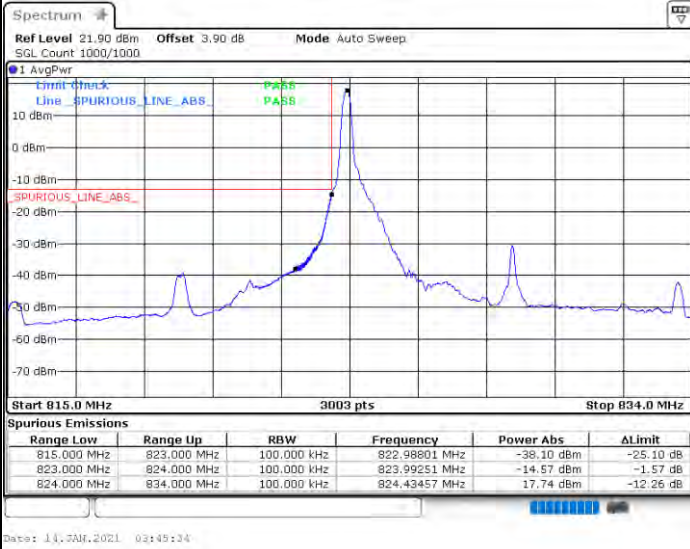
/



FR1 n5+2A / 10MHz / DFT-S OFDM QPSK

Lowest Band Edge / 1 RB

Channel Power < -13dBm Pass

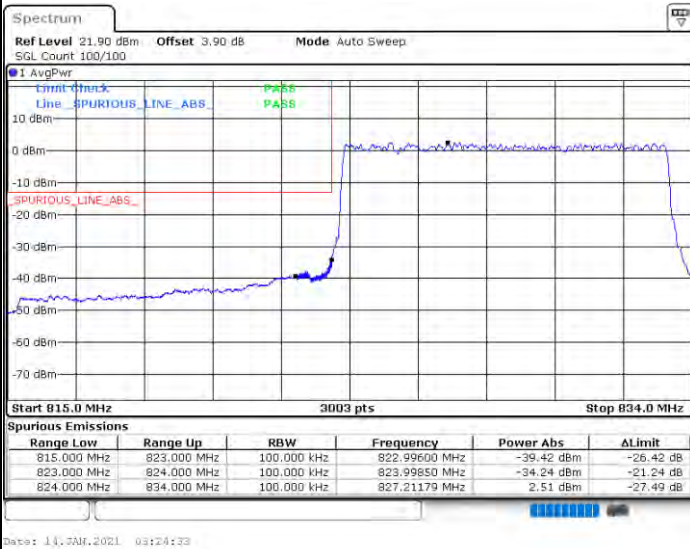


Date: 11, JAN, 2021 03:49:34

Date: 14, JAN, 2021 03:46:58

Lowest Band Edge / Full RB

Channel Power < -13dBm Pass



Date: 11, JAN, 2021 03:24:33

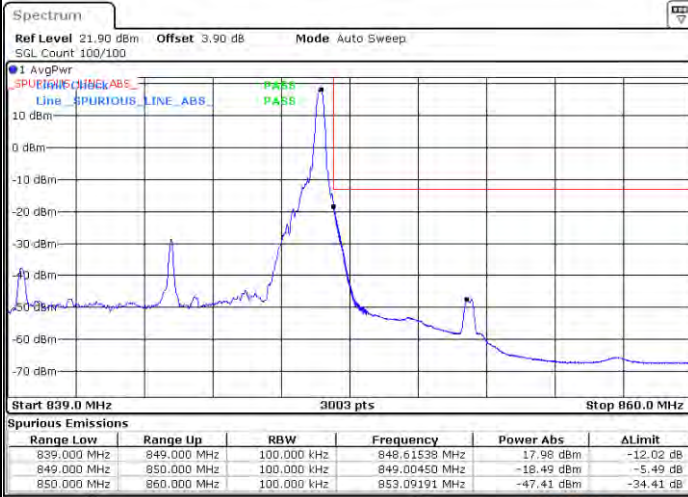
/



FR1 n5+2A / 10MHz / DFT-S OFDM QPSK

Highest Band Edge / 1 RB

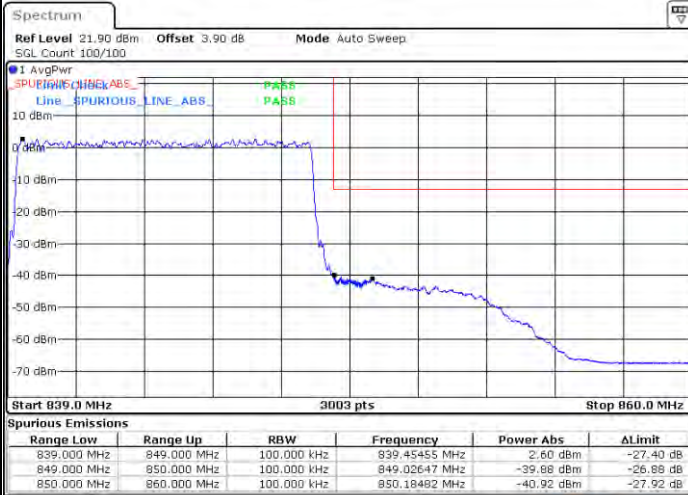
Channel Power < -13dBm Pass



Date: 14, JAN, 2021 04:19:13

Highest Band Edge / Full RB

Channel Power < -13dBm Pass

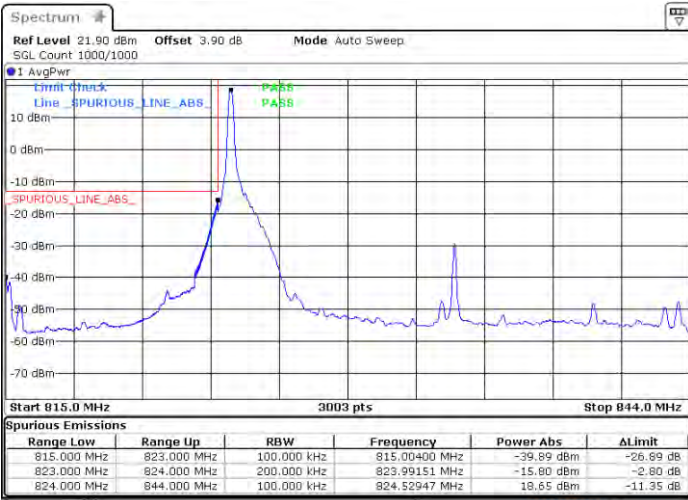


Date: 14, JAN, 2021 04:13:57



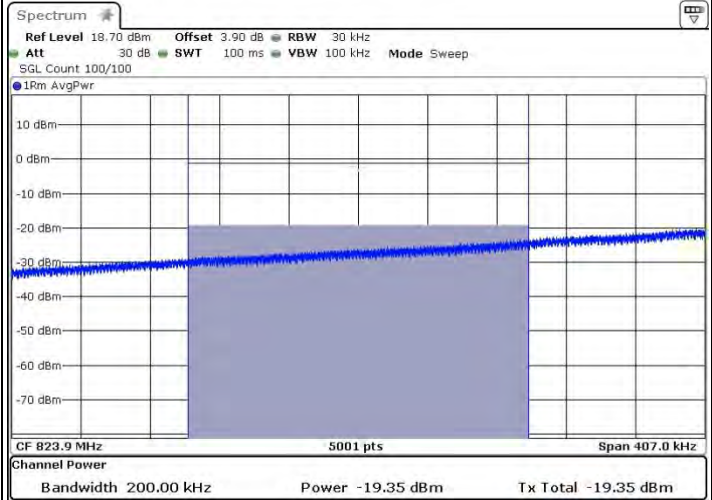
FR1 n5+2A / 20MHz / DFT-S OFDM BPSK

Lowest Band Edge / 1 RB



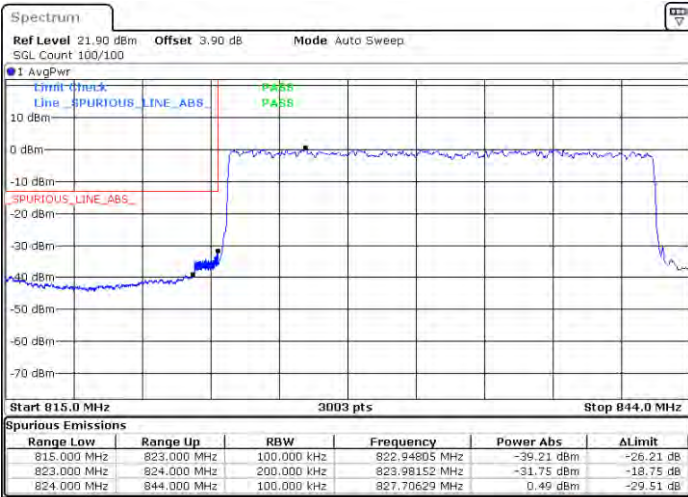
Date: 14, JAN, 2021 02:36:05

Channel Power < -13dBm Pass



Date: 14, JAN, 2021 02:38:04

Lowest Band Edge / Full RB



Date: 14, JAN, 2021 02:09:55

Channel Power < -13dBm Pass

/

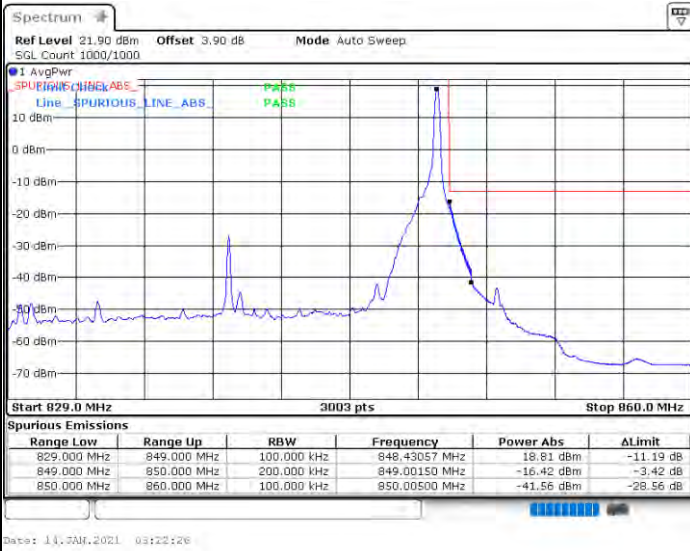




FR1 n5+2A / 20MHz / DFT-S OFDM BPSK

Highest Band Edge / 1 RB

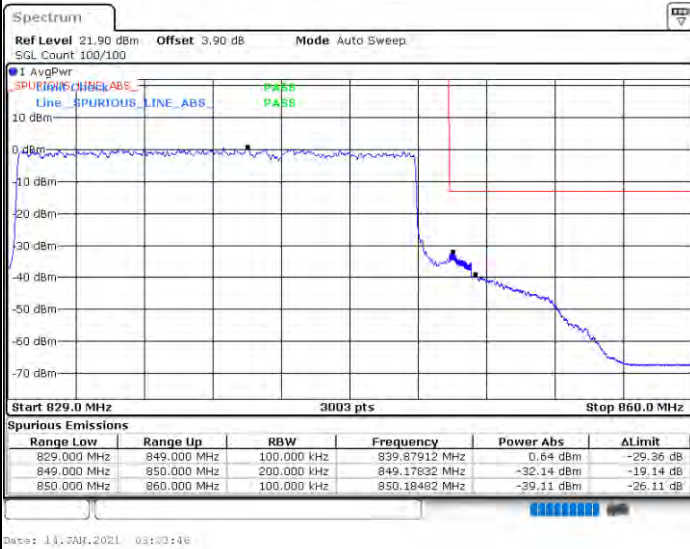
Channel Power < -13dBm Pass



/

Highest Band Edge / Full RB

Channel Power < -13dBm Pass



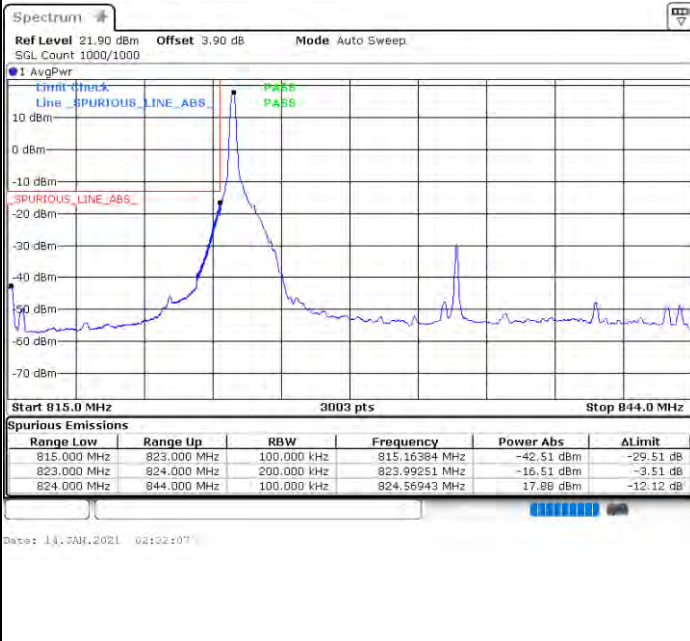
/



FR1 n5+2A / 20MHz / DFT-S OFDM QPSK

Lowest Band Edge / 1 RB

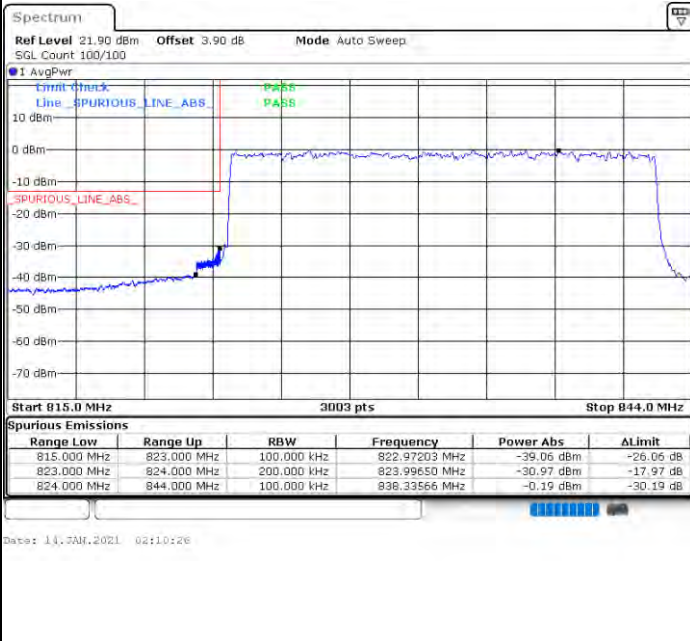
Channel Power < -13dBm Pass



/

Lowest Band Edge / Full RB

Channel Power < -13dBm Pass



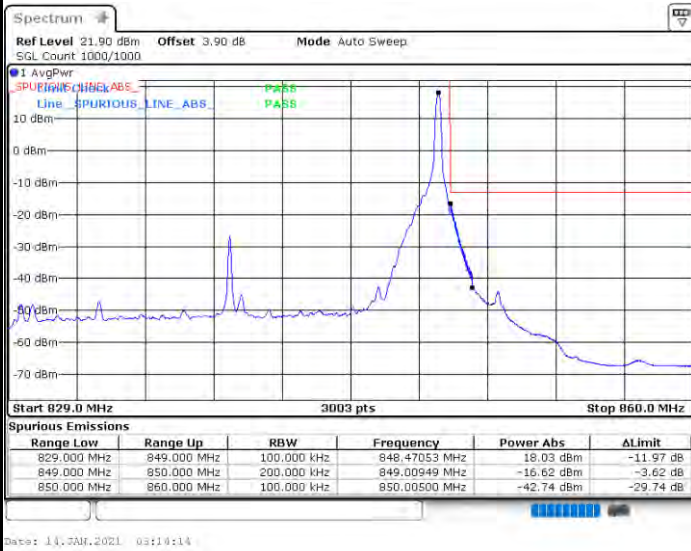
/



FR1 n5+2A / 20MHz / DFT-S OFDM QPSK

Highest Band Edge / 1 RB

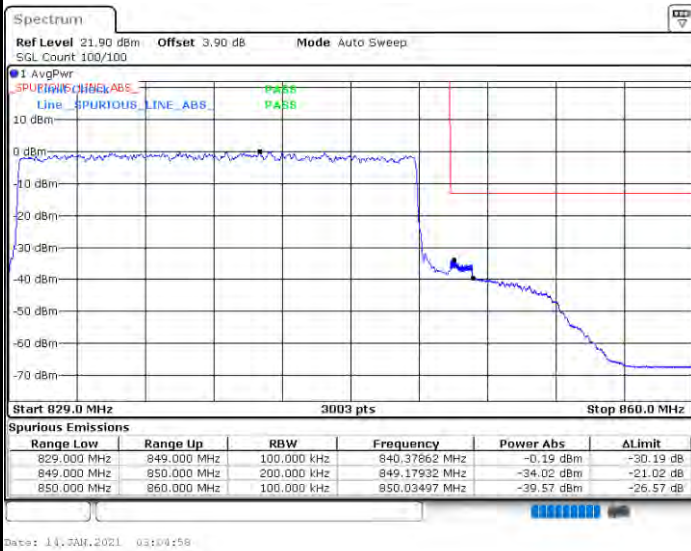
Channel Power < -13dBm Pass



/

Highest Band Edge / Full RB

Channel Power < -13dBm Pass



/

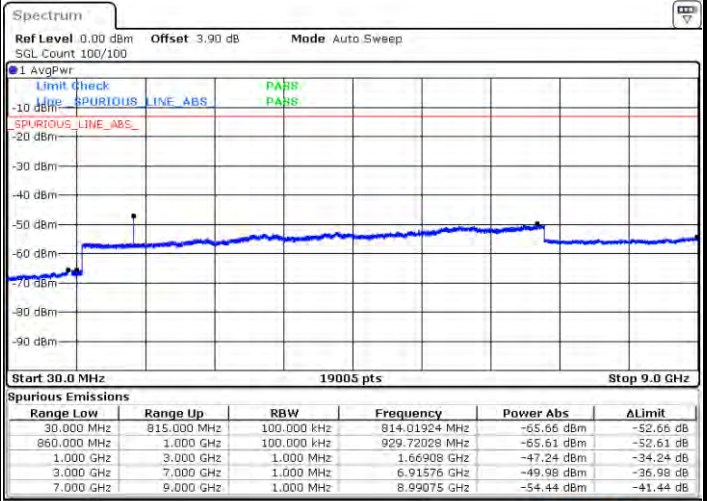
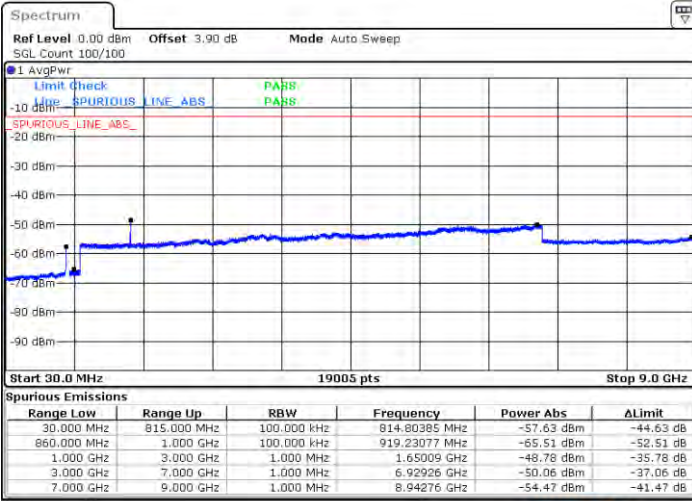


# Conducted Spurious Emission

FR1 n5+2A / 5MHz / DFT-S OFDM / BPSK

Lowest Channel / 1RB

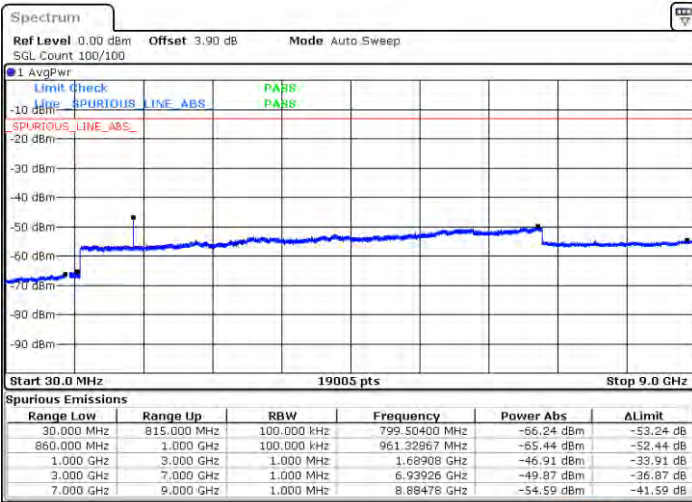
Middle Channel / 1RB



Date: 14.JAN.2021 05:02:02

Date: 14.JAN.2021 05:11:20

Highest Channel / 1RB



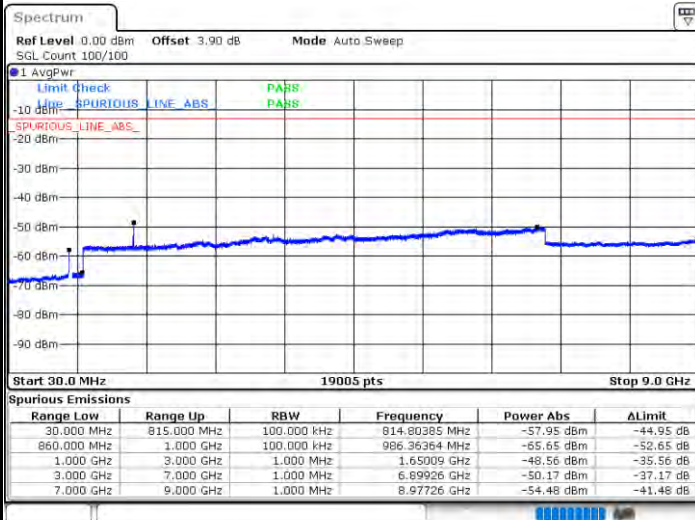
Date: 14.JAN.2021 05:37:11



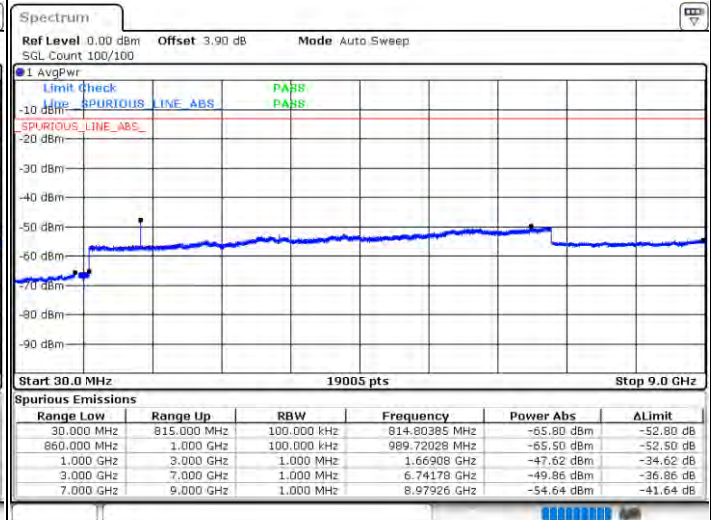
FR1 n5+2A / 5MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB

Middle Channel / 1RB

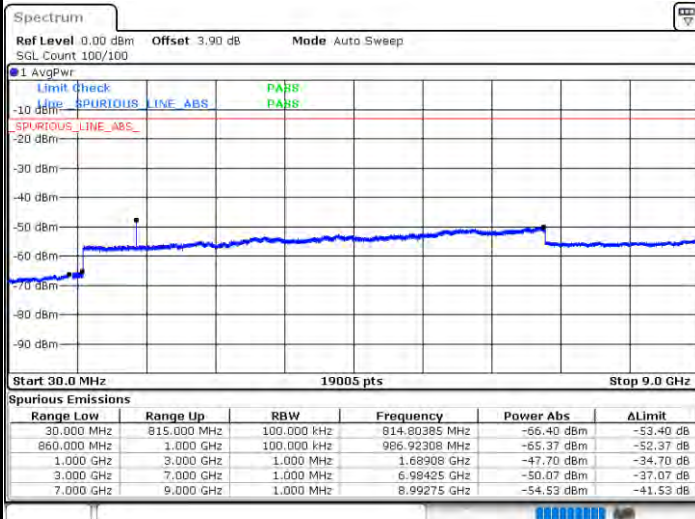


Date: 14.JAN.2021 09:04:38



Date: 14.JAN.2021 09:08:38

Highest Channel / 1RB



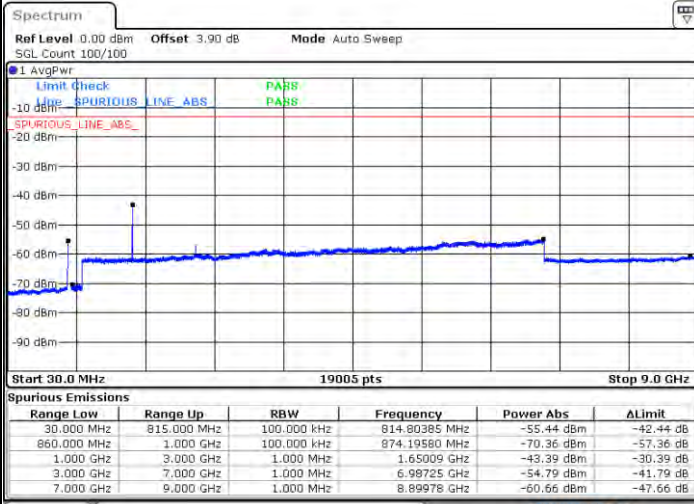
Date: 14.JAN.2021 09:10:29



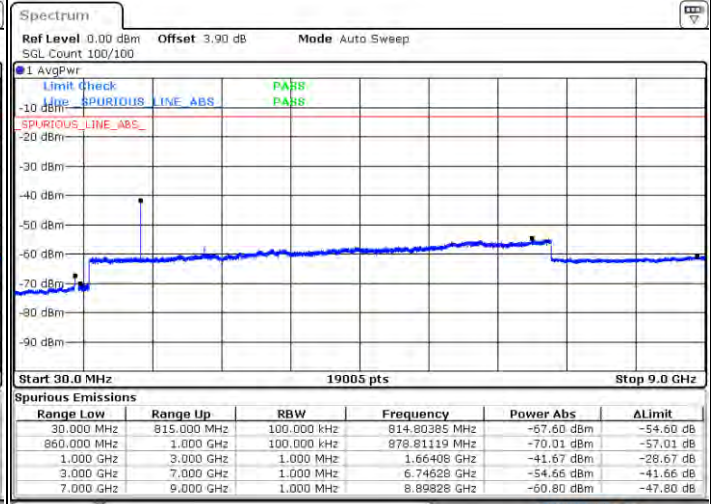
FR1 n5+2A / 10MHz / DFT-S OFDM / BPSK

Lowest Channel / 1RB

Middle Channel / 1RB

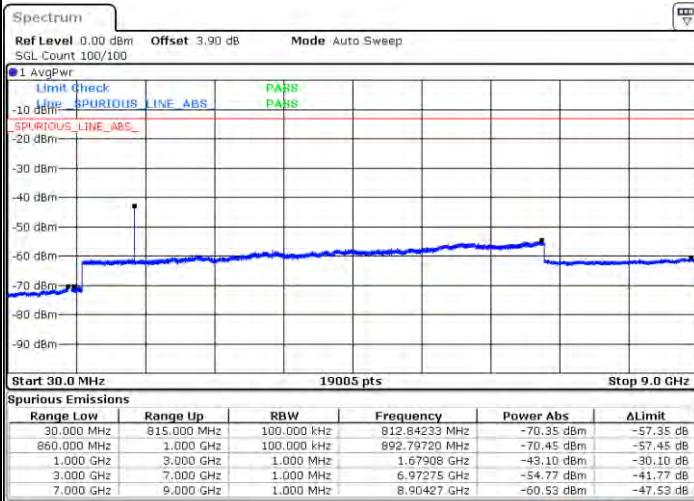


Date: 14.JAN.2021 03:48:24



Date: 14.JAN.2021 04:10:01

Highest Channel / 1RB



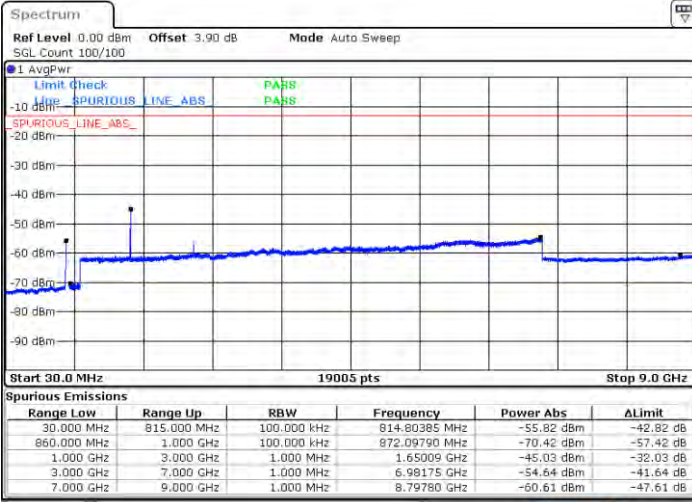
Date: 14.JAN.2021 04:22:32



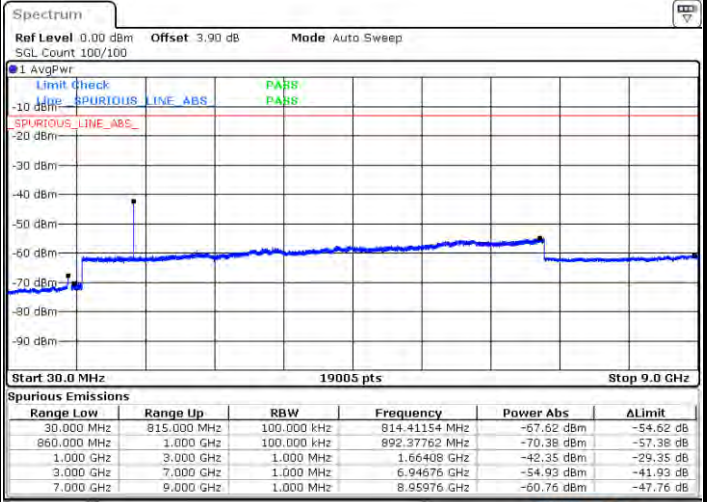
FR1 n5+2A / 10MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB

Middle Channel / 1RB

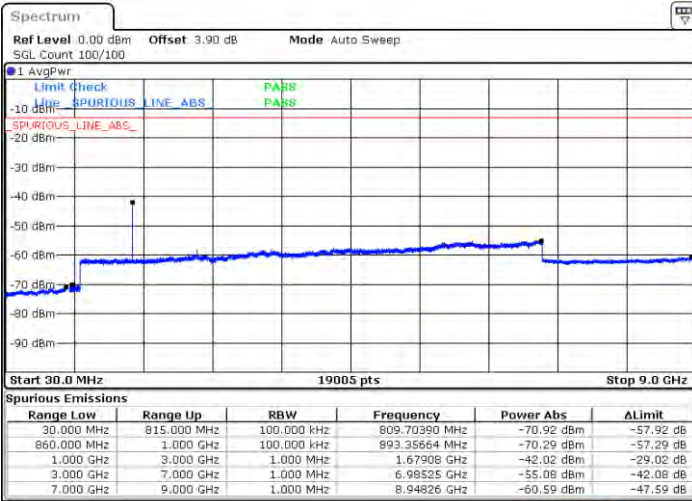


Date: 14.JAN.2021 04:06:13



Date: 14.JAN.2021 04:08:05

Highest Channel / 1RB



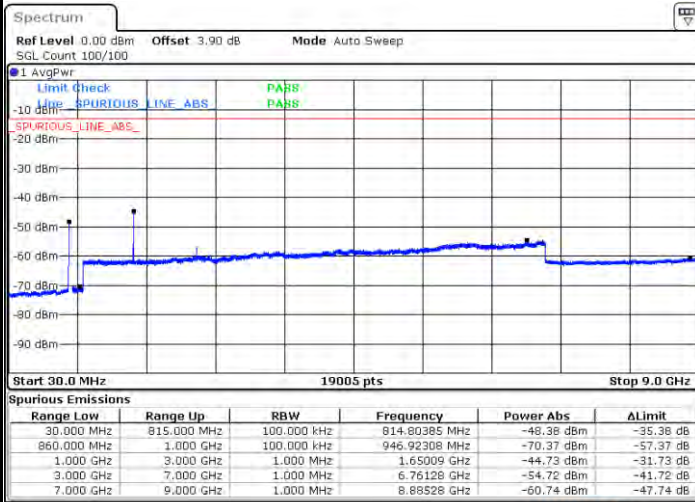
Date: 14.JAN.2021 04:23:31



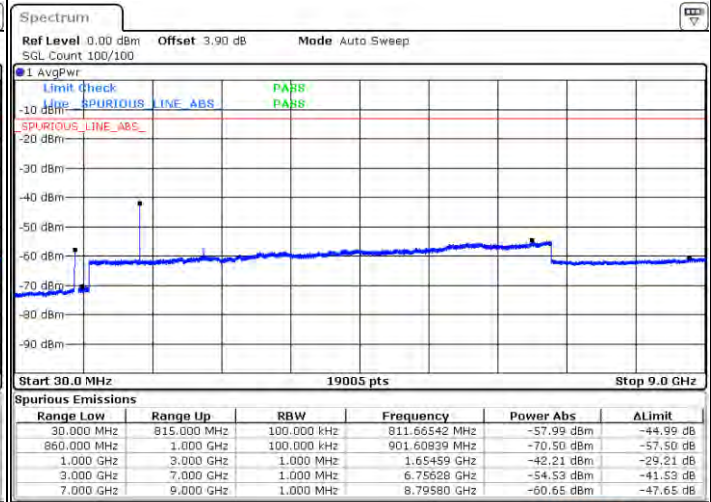
FR1 n5+2A / 20MHz / DFT-S OFDM / BPSK

Lowest Channel / 1RB

Middle Channel / 1RB

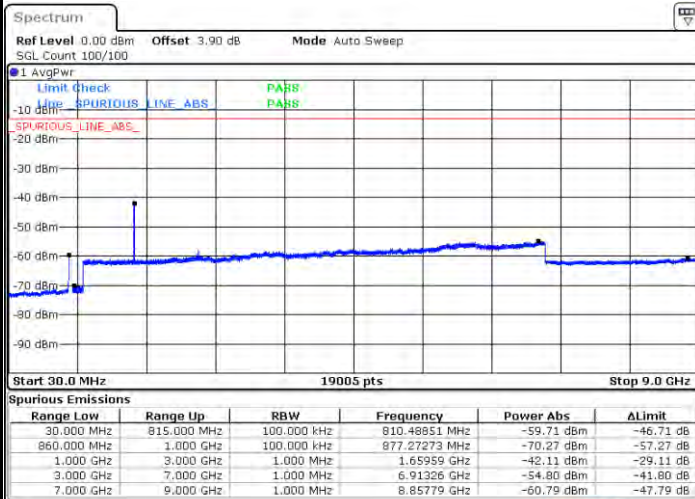


Date: 14.JAN.2021 02:38:52



Date: 14.JAN.2021 02:50:58

Highest Channel / 1RB



Date: 14.JAN.2021 02:54:32

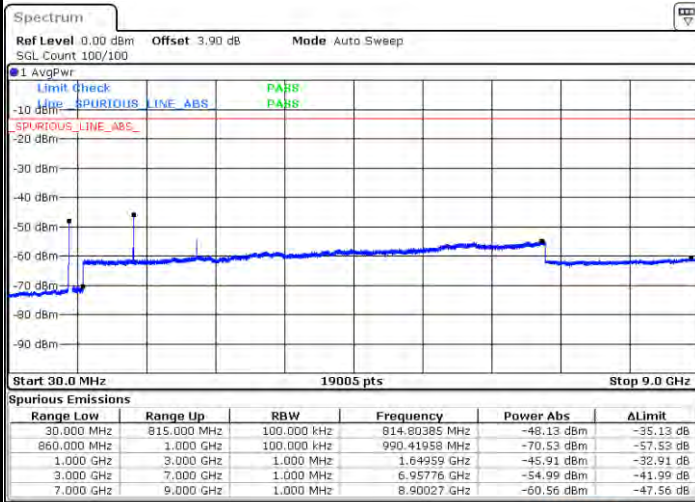




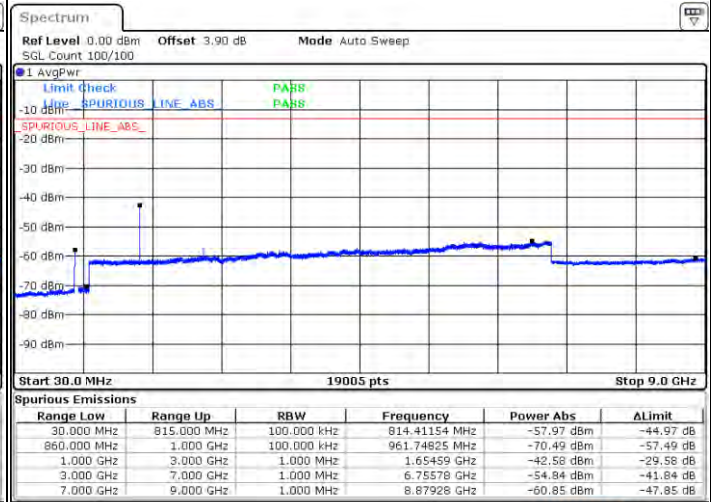
FR1 n5+2A / 20MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB

Middle Channel / 1RB

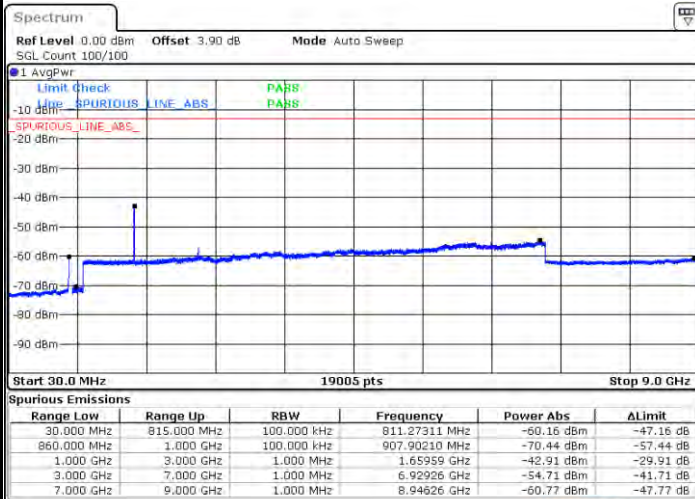


Date: 14.JAN.2021 02:40:03



Date: 14.JAN.2021 02:51:35

Highest Channel / 1RB



Date: 14.JAN.2021 02:53:10



### Frequency Stability

Test Conditions		NR n5+2A (BPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0022	PASS
40	Normal Voltage	0.0016	
30	Normal Voltage	0.0012	
20(Ref.)	Normal Voltage	0.0013	
10	Normal Voltage	0.0018	
0	Normal Voltage	0.0012	
-10	Normal Voltage	0.0019	
-20	Normal Voltage	0.0032	
-30	Normal Voltage	0.0017	
20	Maximum Voltage	0.0019	
20	Normal Voltage	0.0035	
20	Battery End Point	0.0025	

**Note:**

1. Normal Voltage =3.3 V. ; Battery End Point (BEP) =3.14 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



# FR1 n25 SA

## Peak-to-Average Ratio

Mode	FR1 n25 / 20MHz / DFT-S OFDM				
Mod.	PI/2 BPSK	PI/2 BPSK	QPSK	QPSK	Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.30	4.29	5.04	5.30	<b>PASS</b>
Middle CH	3.57	3.68	5.71	5.42	
Highest CH	3.68	3.71	5.51	5.16	



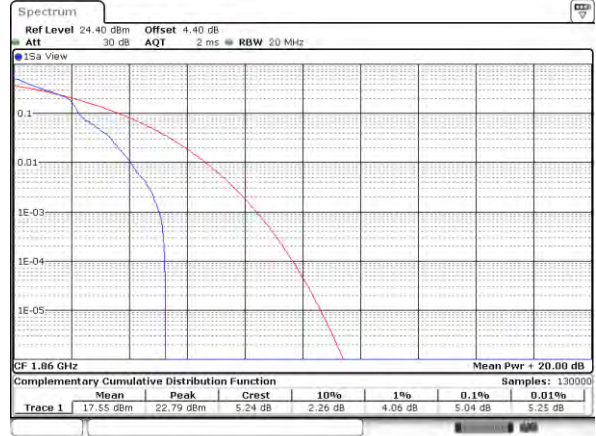
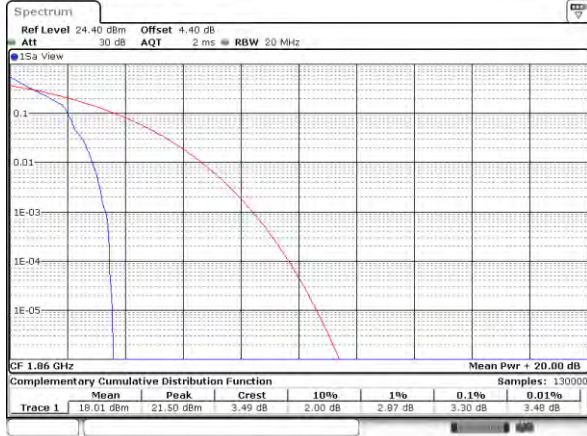
FR1 n25 / 20MHz / DFT-S OFDM

PI/2 BPSK

QPSK

Lowest Channel / 1RB

Lowest Channel / 1RB

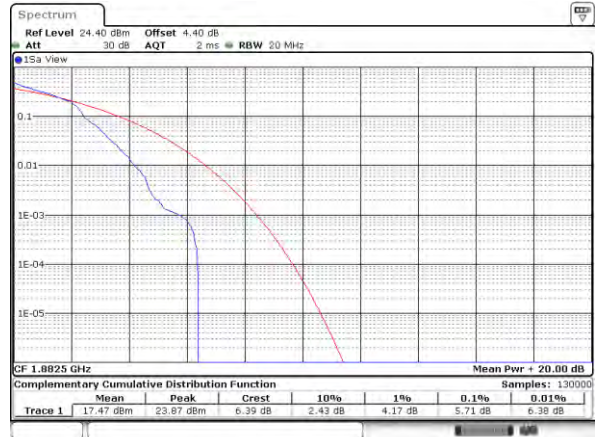
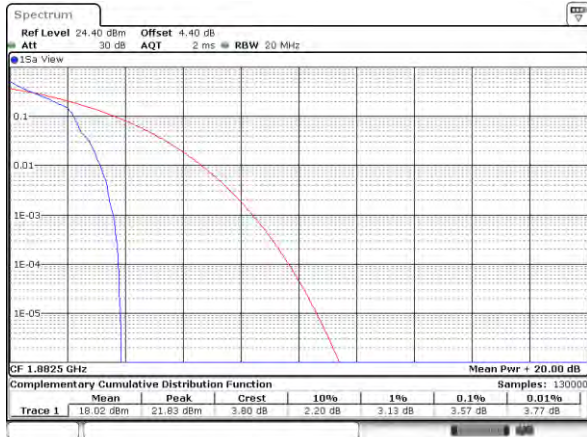


Date: 13, JAN, 2021 08:41:56

Date: 13, JAN, 2021 08:40:11

Middle Channel / 1 RB

Middle Channel / 1 RB

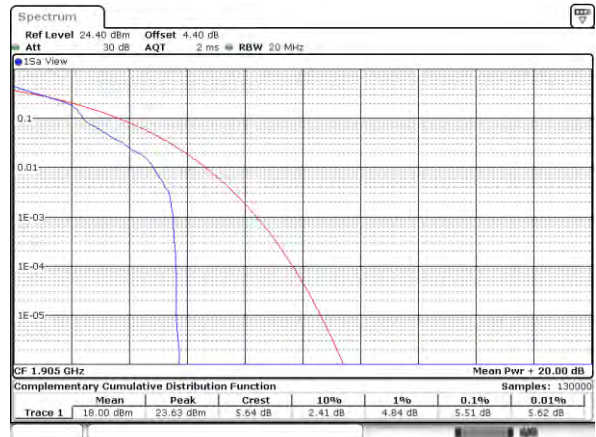
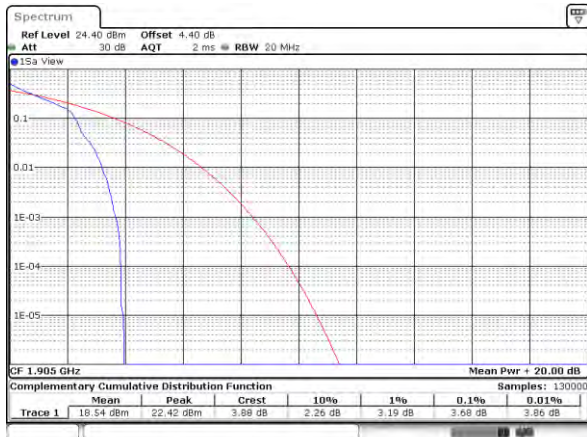


Date: 13, JAN, 2021 07:53:00

Date: 13, JAN, 2021 07:53:11

Highest Channel / 1 RB

Highest Channel / 1 RB



Date: 14, JAN, 2021 05:44:55

Date: 14, JAN, 2021 05:44:43



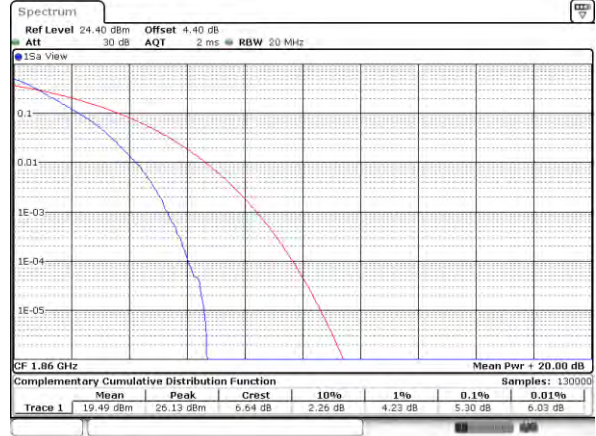
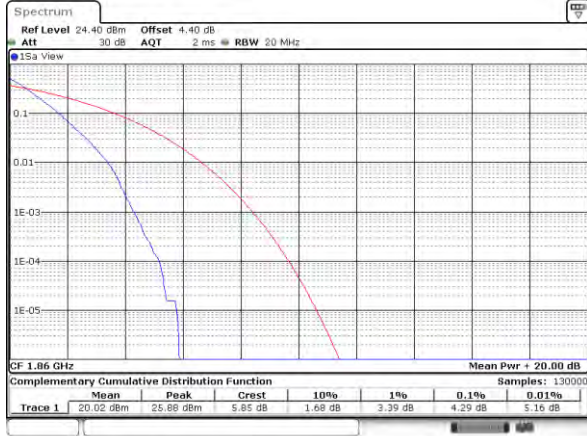
FR1 n25 / 20MHz / DFT-S OFDM

PI/2 BPSK

QPSK

Lowest Channel / Full RB

Lowest Channel / Full RB

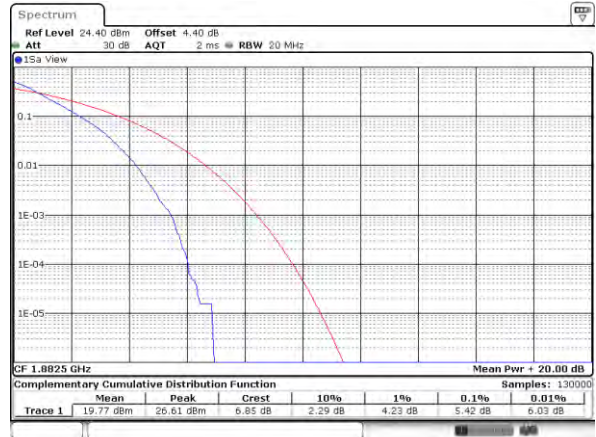
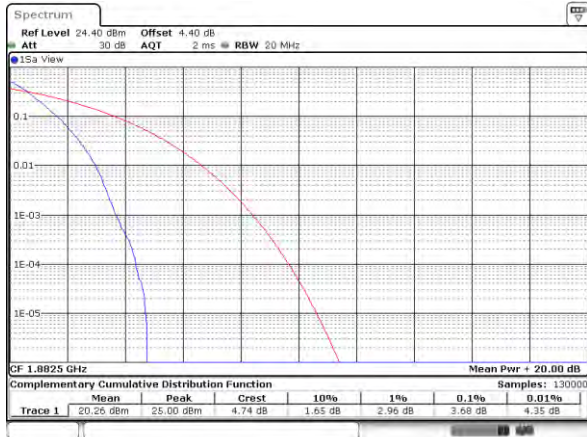


Date: 13, JAN, 2021 08:46:49

Date: 13, JAN, 2021 08:47:13

Middle Channel / Full RB

Middle Channel / Full RB

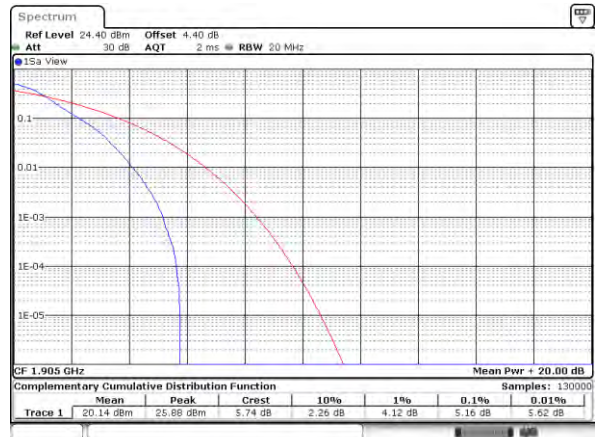
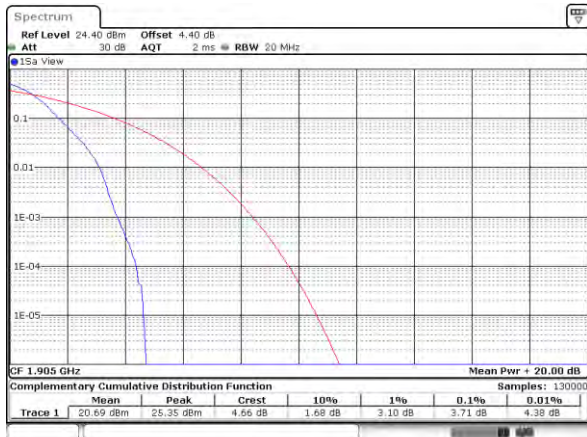


Date: 13, JAN, 2021 07:52:31

Date: 13, JAN, 2021 07:52:08

Highest Channel / Full RB

Highest Channel / Full RB



Date: 14, JAN, 2021 09:43:17

Date: 14, JAN, 2021 09:44:21



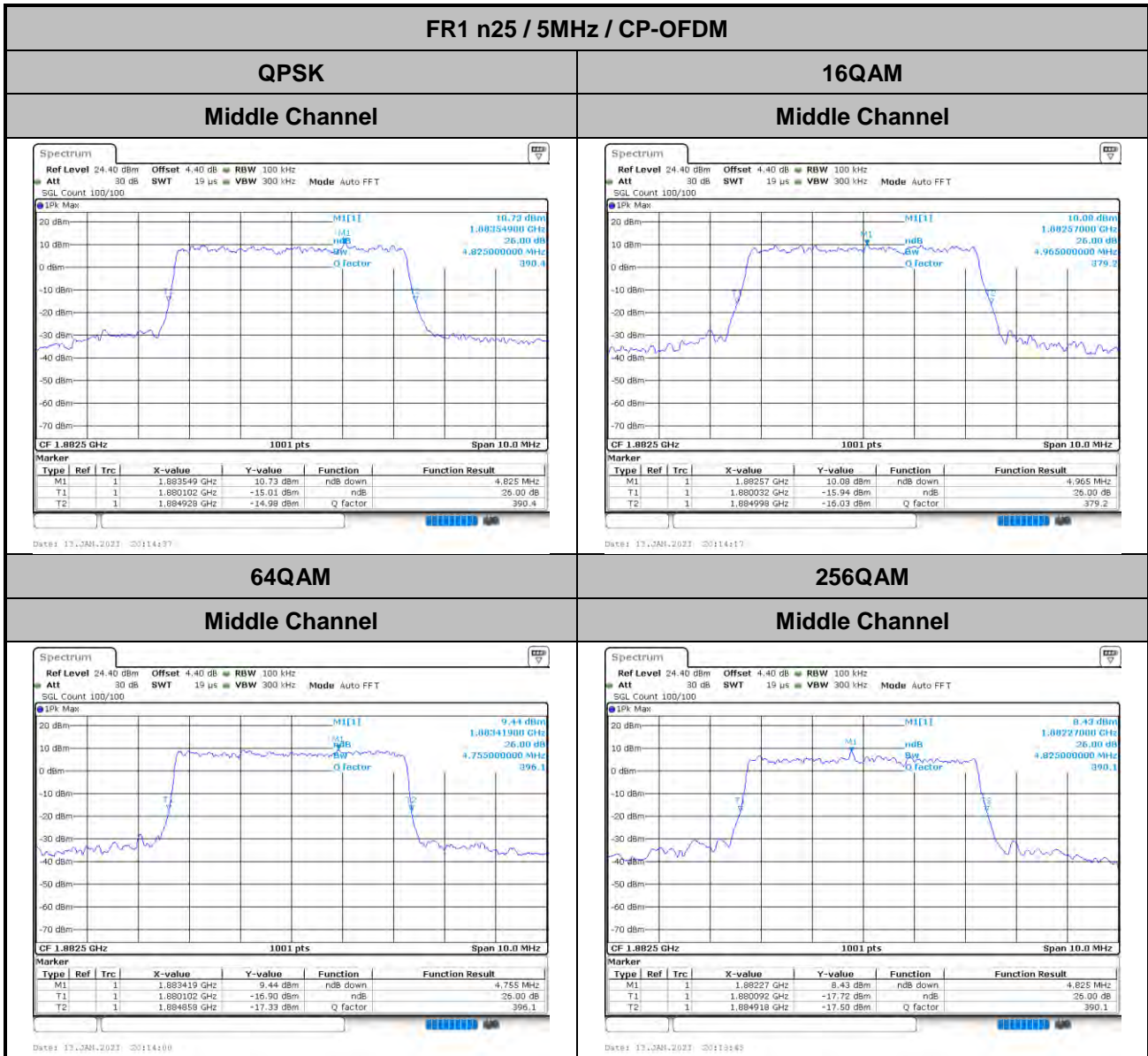
**26dB Bandwidth**

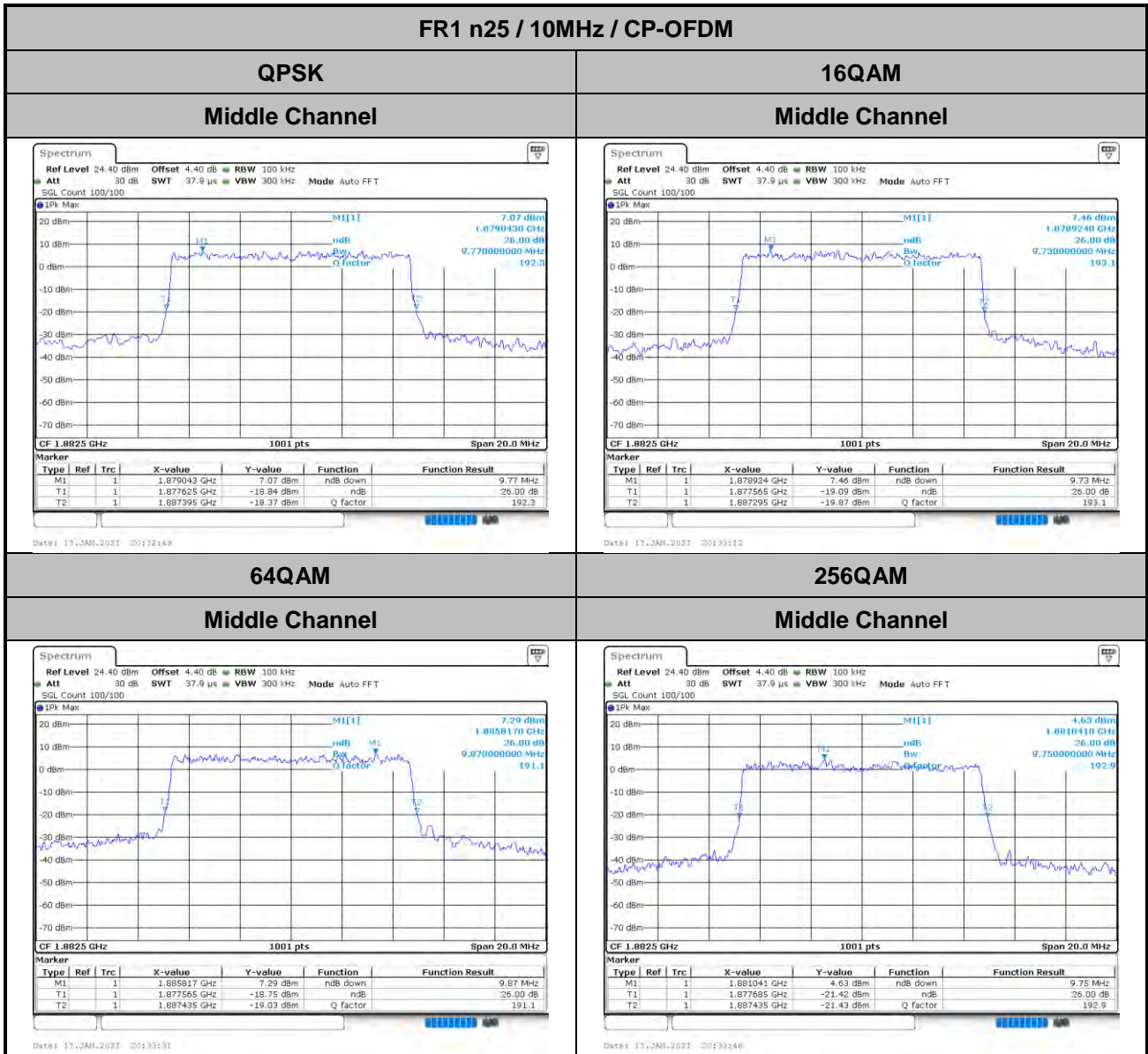
Mode	FR1 n25 : 26dB BW(MHz) / CP-OFDM							
BW	5MHz	5MHz	5MHz	5MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	4.83	4.96	4.75	4.83				

Mode	FR1 n25 : 26dB BW(MHz) / CP-OFDM							
BW	10MHz	10MHz	10MHz	10MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	9.77	9.73	9.87	9.75				

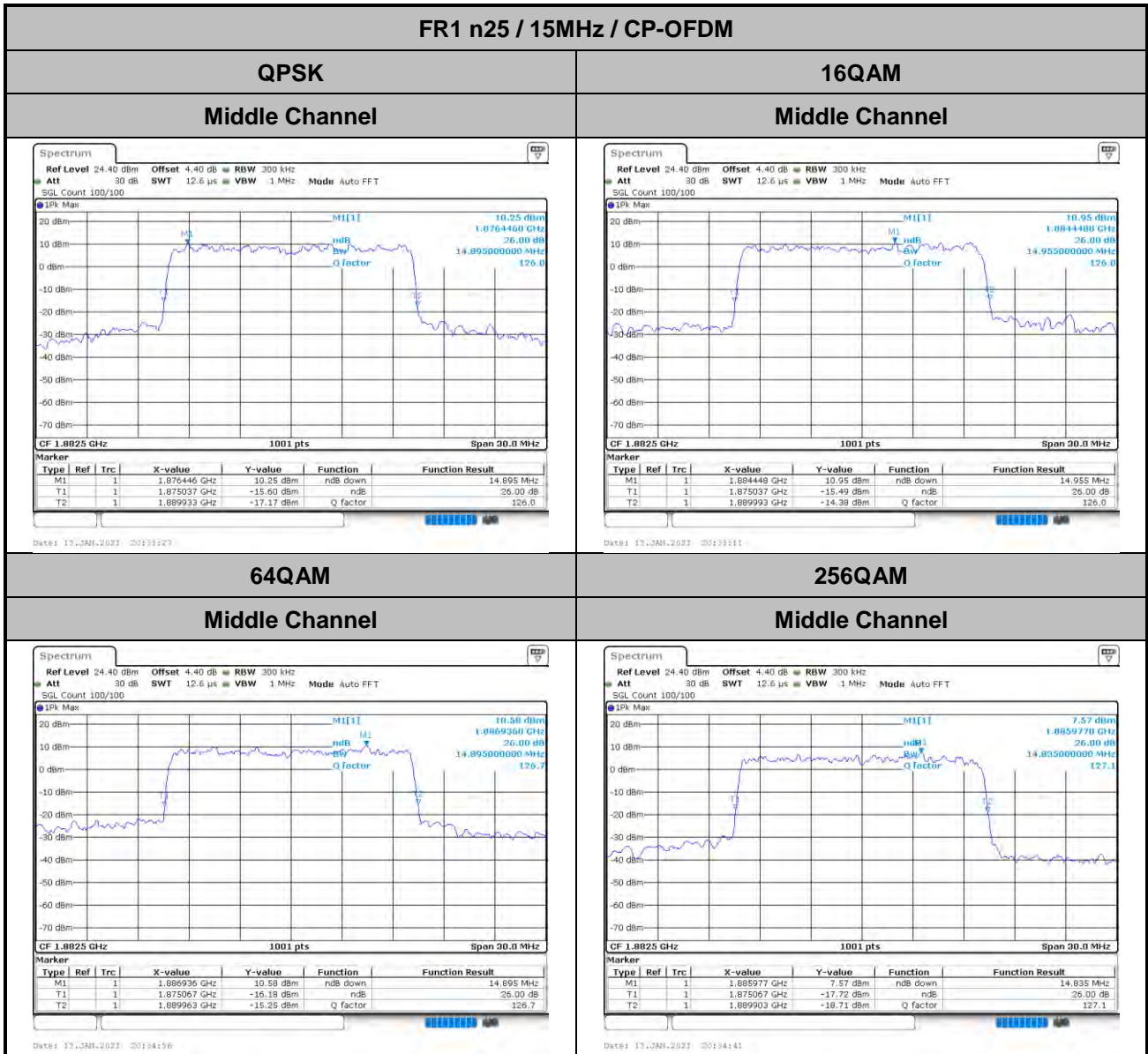
Mode	FR1 n25 : 26dB BW(MHz) / CP-OFDM							
BW	15MHz	15MHz	15MHz	15MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	14.89	14.96	14.89	14.84				

Mode	FR1 n25 : 26dB BW(MHz) / CP-OFDM							
BW	20MHz	20MHz	20MHz	20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	19.90	20.26	19.90	19.86				











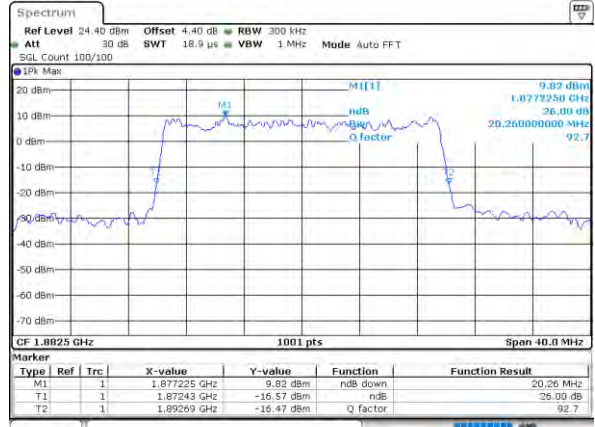
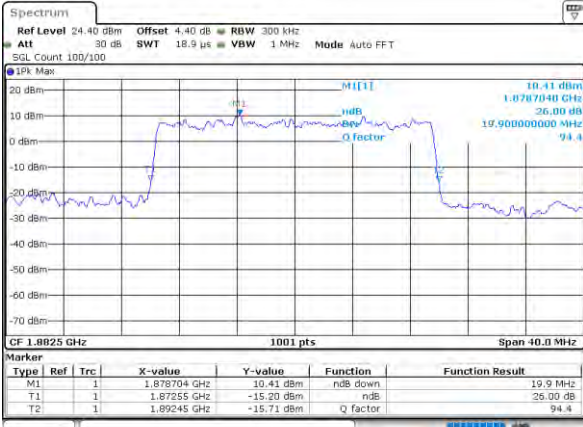
FR1 n25 / 20MHz / CP-OFDM

QPSK

16QAM

Middle Channel

Middle Channel



Date: 13, JAN, 2021 10:37:49

Date: 13, JAN, 2021 10:37:00

64QAM

256QAM

Middle Channel

Middle Channel



Date: 13, JAN, 2021 10:37:17

Date: 13, JAN, 2021 10:37:32



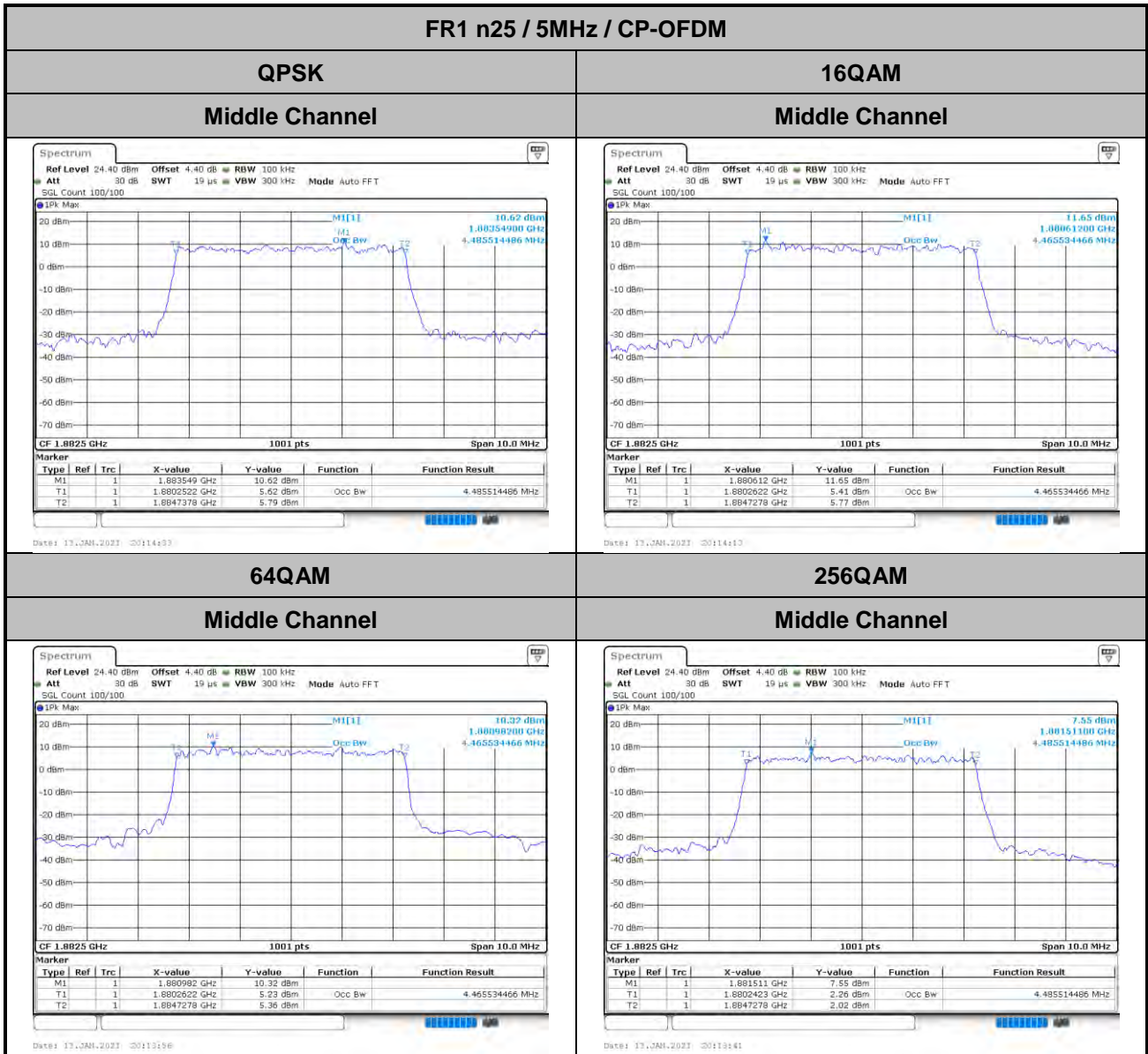
### Occupied Bandwidth

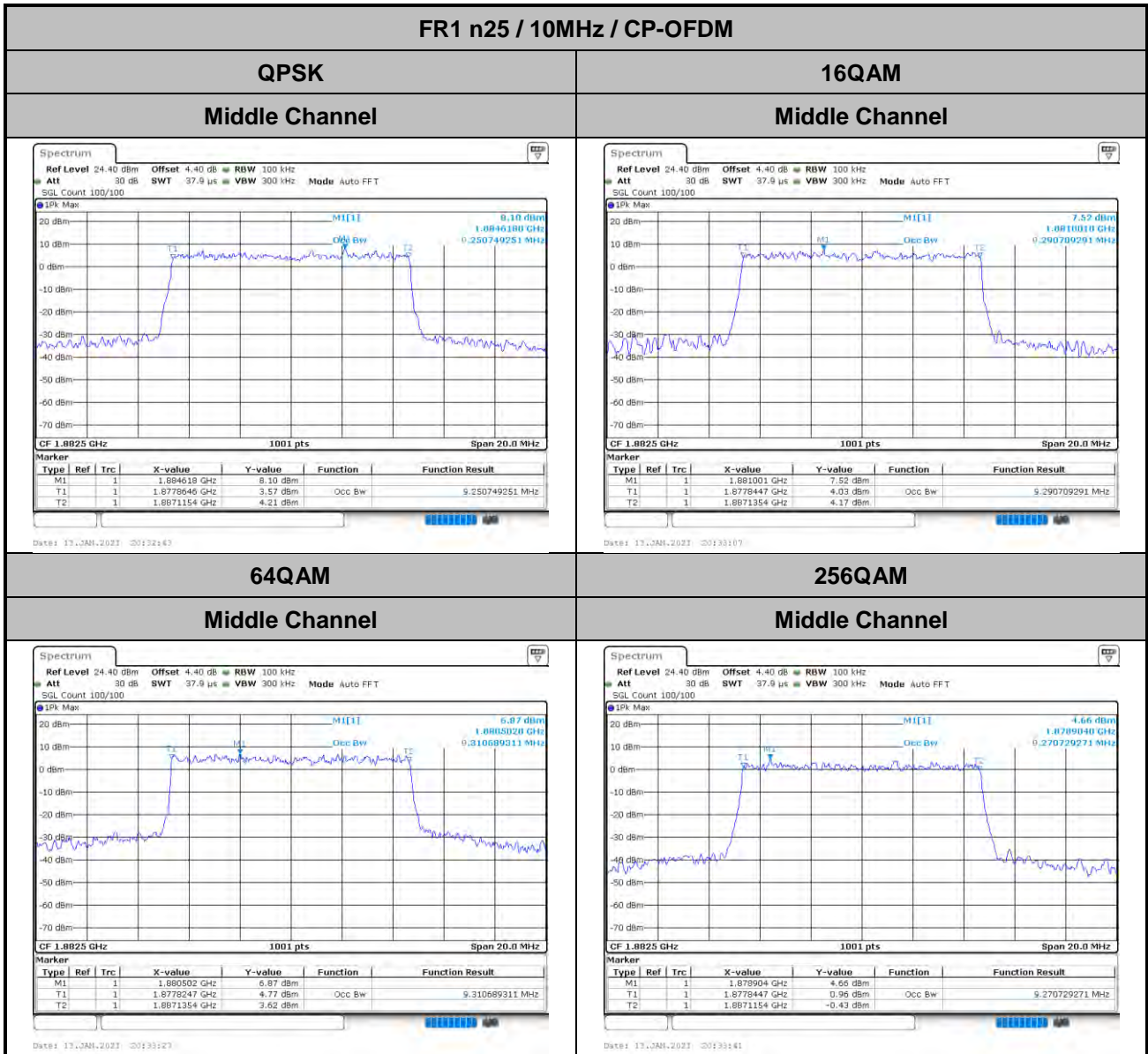
Mode	FR1 n25 : OBW(MHz) / CP-OFDM							
BW	5MHz	5MHz	5MHz	5MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	4.49	4.47	4.47	4.49				

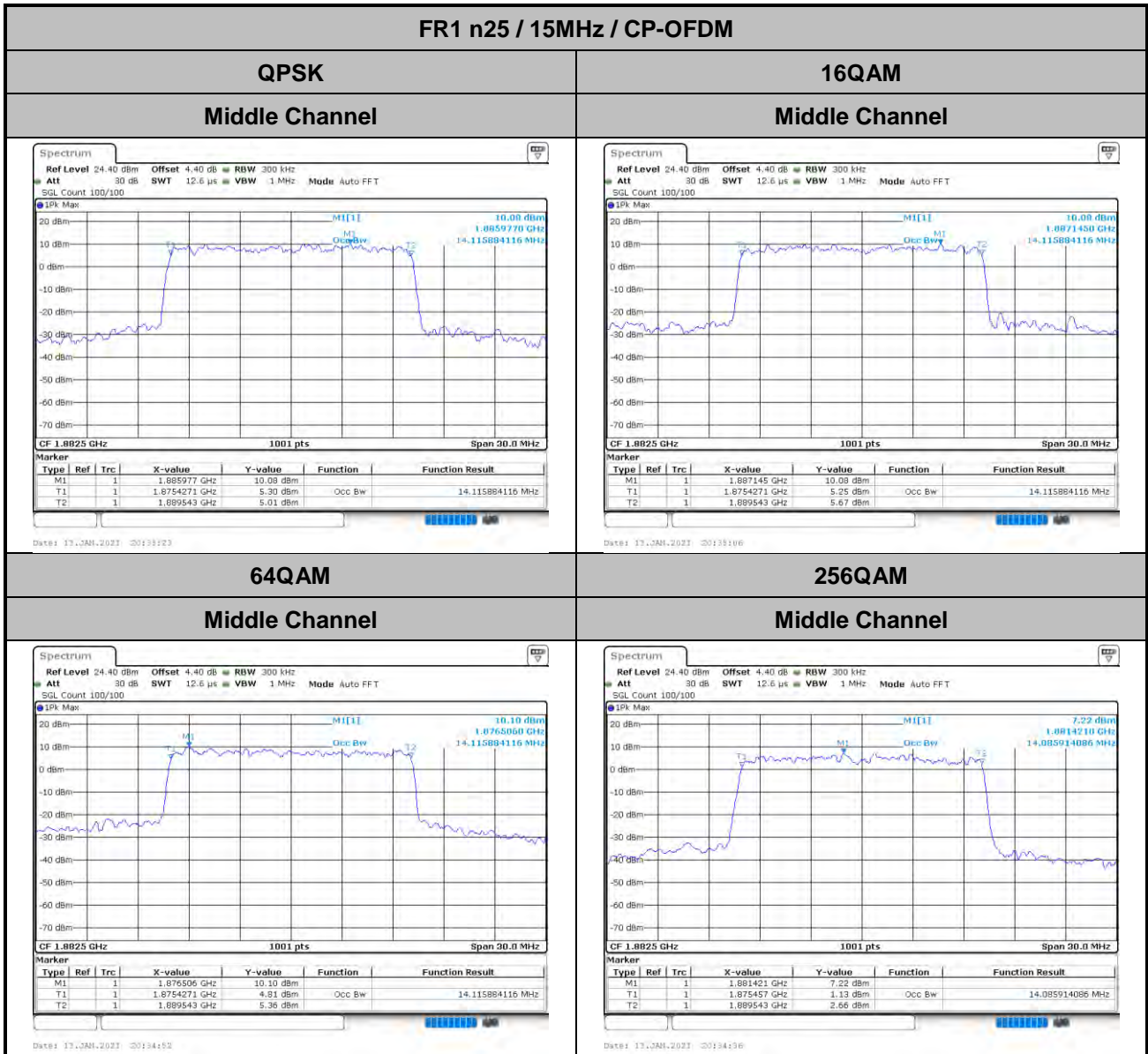
Mode	FR1 n25 : OBW(MHz) / CP-OFDM							
BW	10MHz	10MHz	10MHz	10MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	9.25	9.29	9.31	9.27				

Mode	FR1 n25 : OBW(MHz) / CP-OFDM							
BW	15MHz	15MHz	15MHz	15MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	14.12	14.12	14.12	14.09				

Mode	FR1 n25 : OBW(MHz) / CP-OFDM							
BW	20MHz	20MHz	20MHz	20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	18.86	18.94	18.90	18.94				









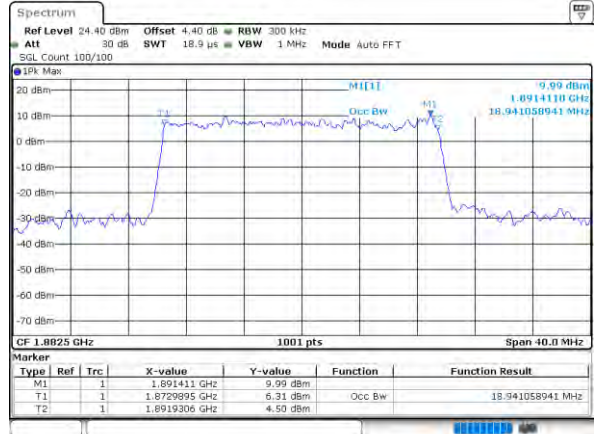
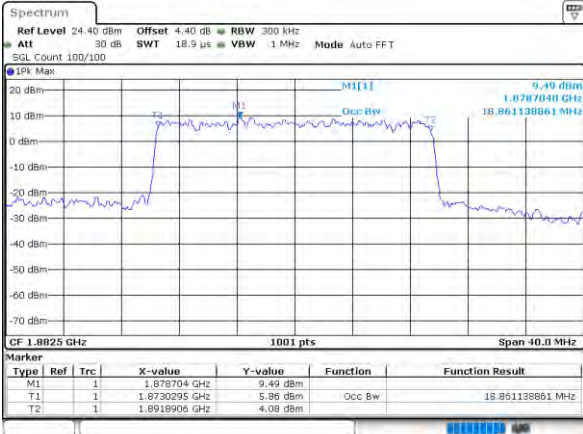
FR1 n25 / 20MHz / CP-OFDM

QPSK

16QAM

Middle Channel

Middle Channel



Date: 13\_JAN\_2021 00:36:40

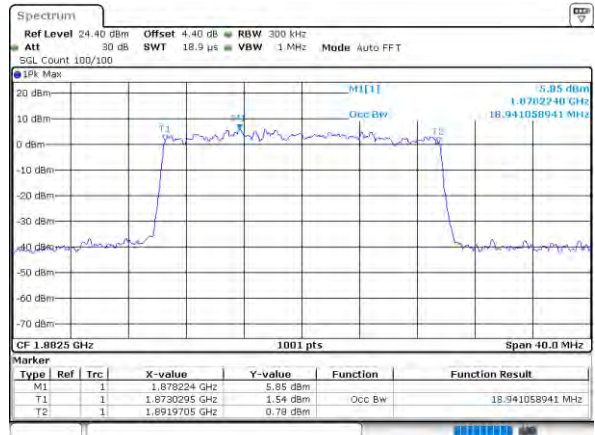
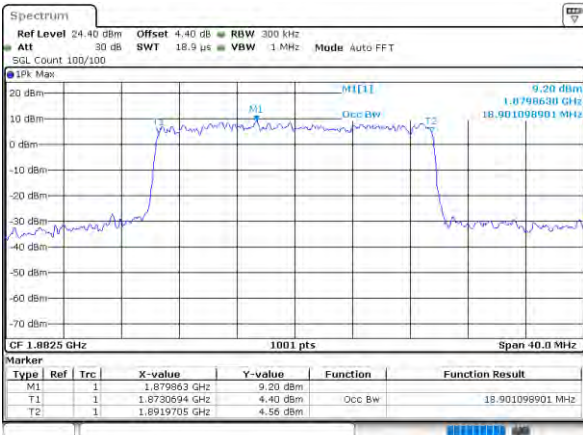
Date: 13\_JAN\_2021 00:36:56

64QAM

256QAM

Middle Channel

Middle Channel

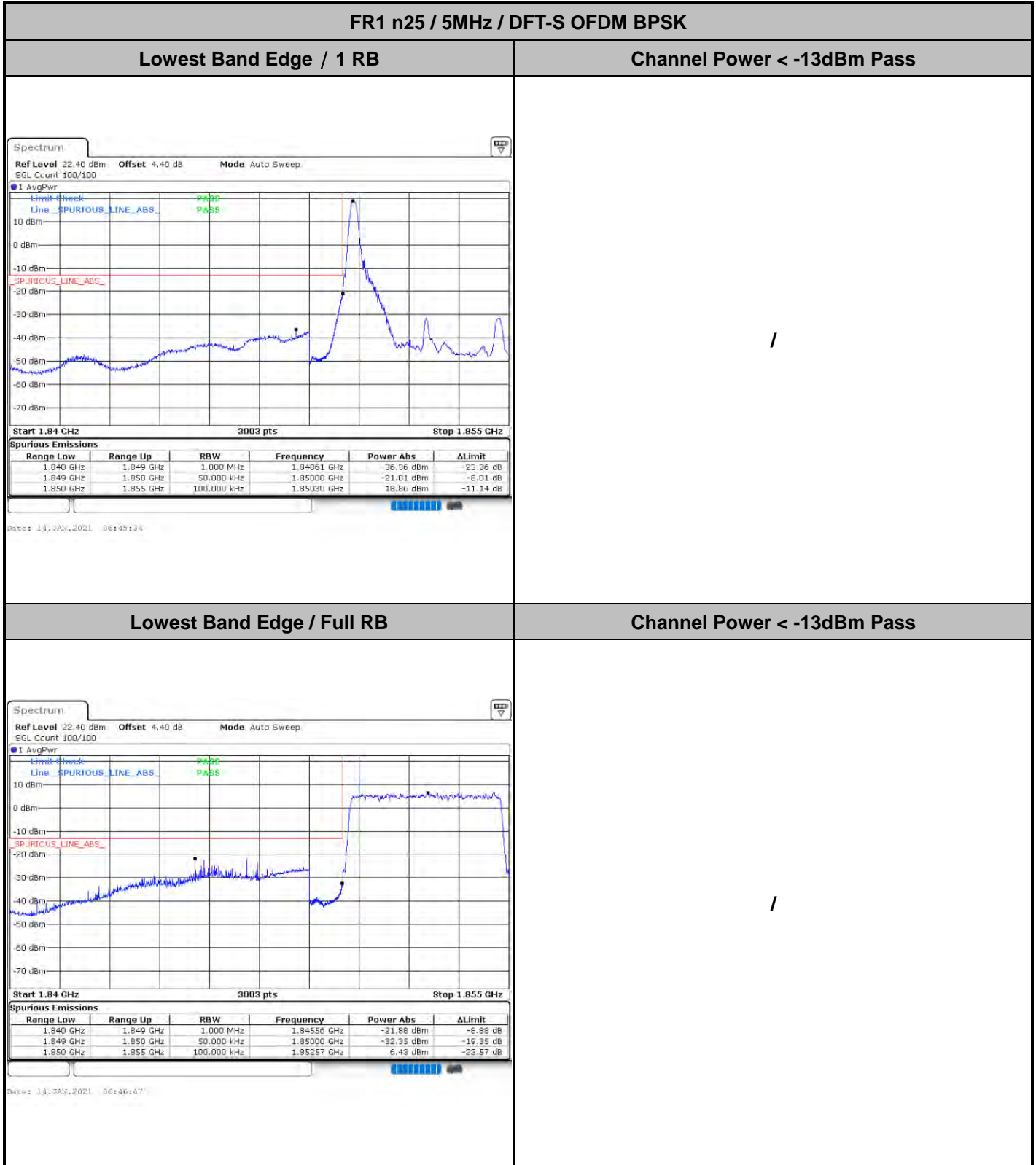


Date: 13\_JAN\_2021 00:37:12

Date: 13\_JAN\_2021 00:37:27



# Conducted Band Edge

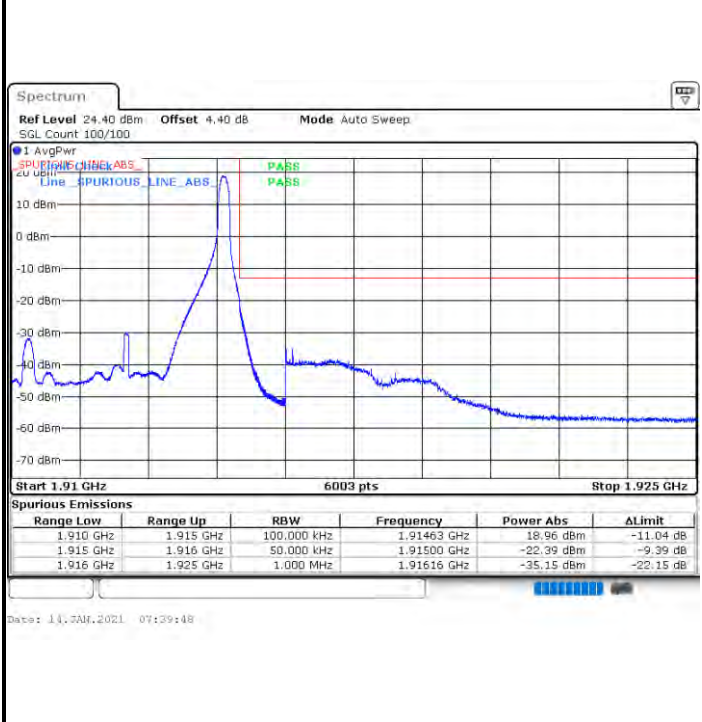






**FR1 n25 / 5MHz / DFT-S OFDM BPSK**

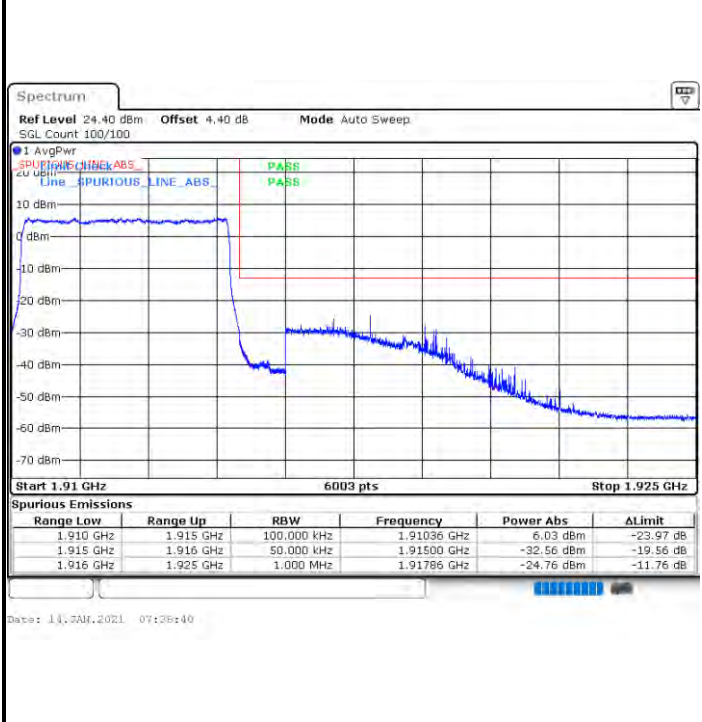
**Highest Band Edge / 1 RB**



**Channel Power < -13dBm Pass**

/

**Highest Band Edge / Full RB**



**Channel Power < -13dBm Pass**

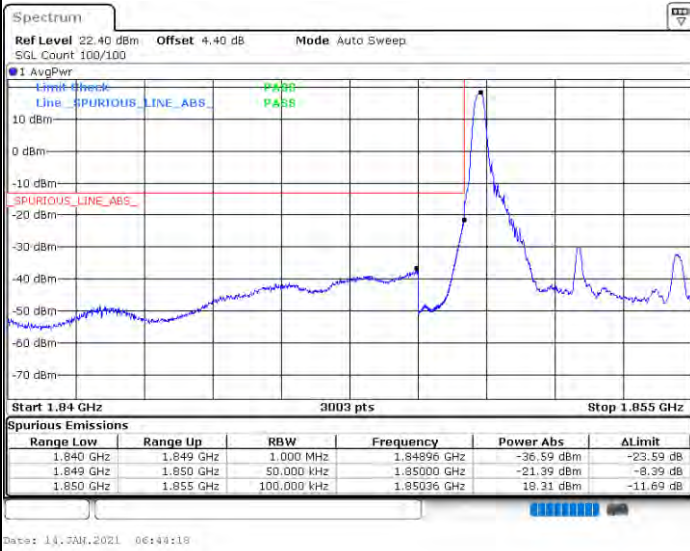
/



FR1 n25 / 5MHz / DFT-S OFDM QPSK

Lowest Band Edge / 1 RB

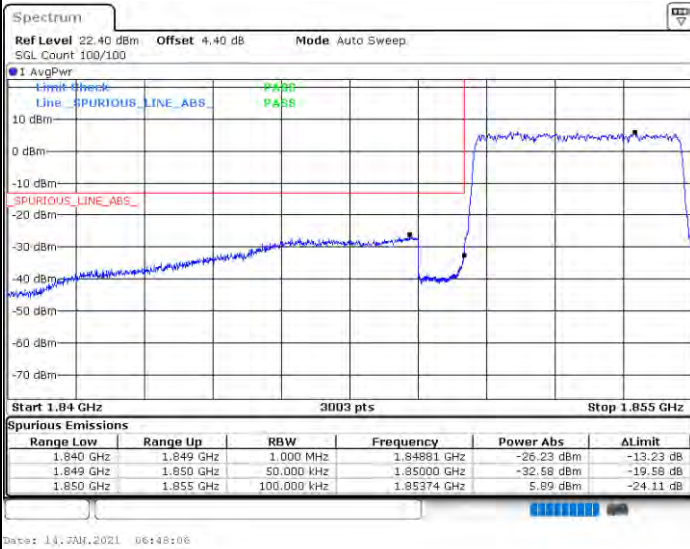
Channel Power < -13dBm Pass



/

Lowest Band Edge / Full RB

Channel Power < -13dBm Pass



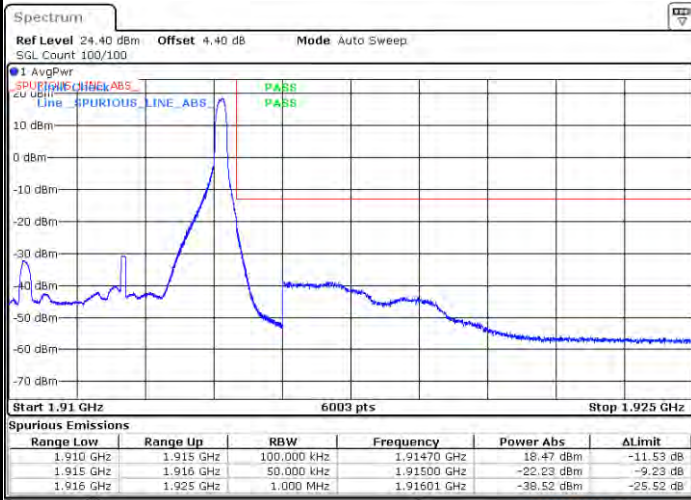
/



FR1 n25 / 5MHz / DFT-S OFDM QPSK

Highest Band Edge / 1 RB

Channel Power < -13dBm Pass

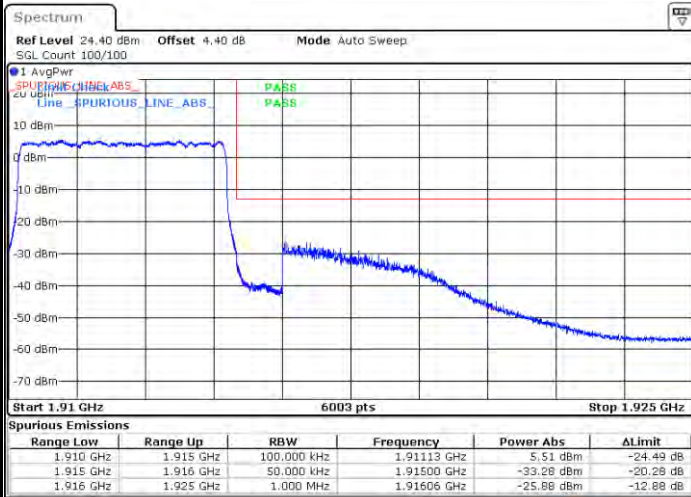


/

Date: 14, MAR, 2021 07:40:44

Highest Band Edge / Full RB

Channel Power < -13dBm Pass



/

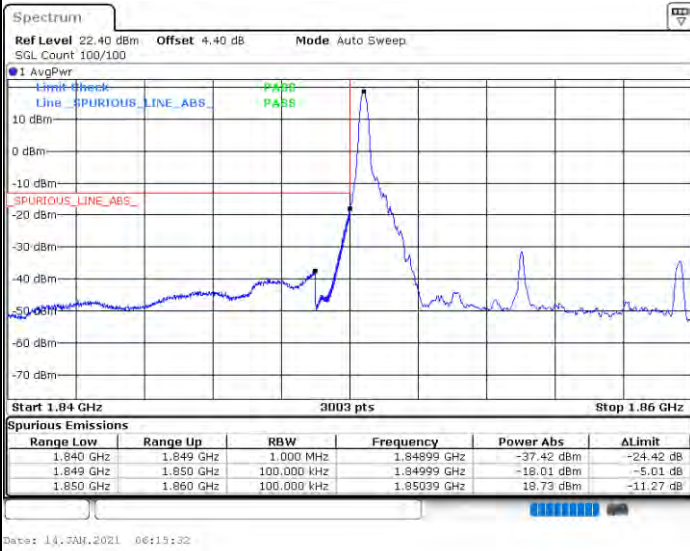
Date: 14, MAR, 2021 07:37:14



FR1 n25 / 10MHz / DFT-S OFDM BPSK

Lowest Band Edge / 1 RB

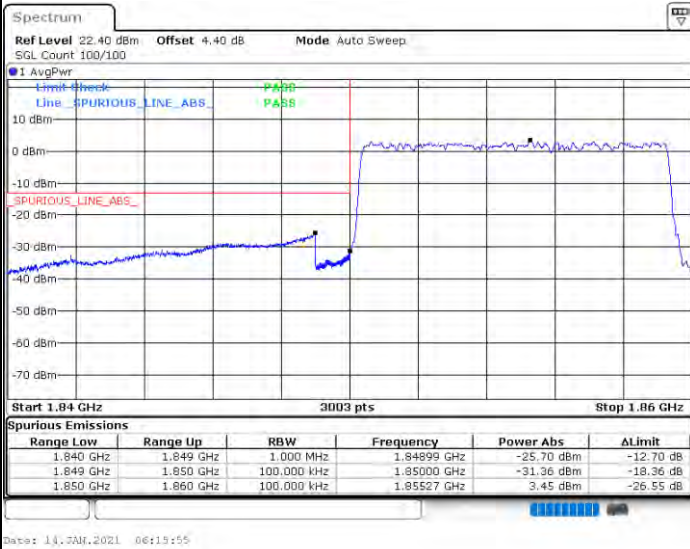
Channel Power < -13dBm Pass



/

Lowest Band Edge / Full RB

Channel Power < -13dBm Pass



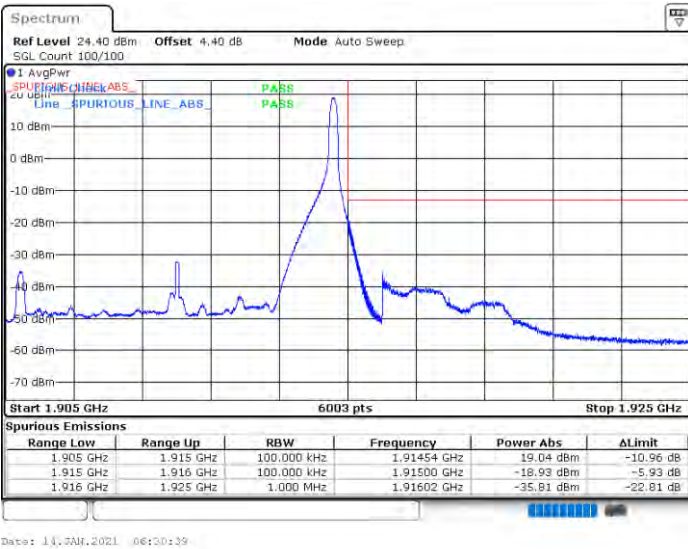
/



FR1 n25 / 10MHz / DFT-S OFDM BPSK

Highest Band Edge / 1 RB

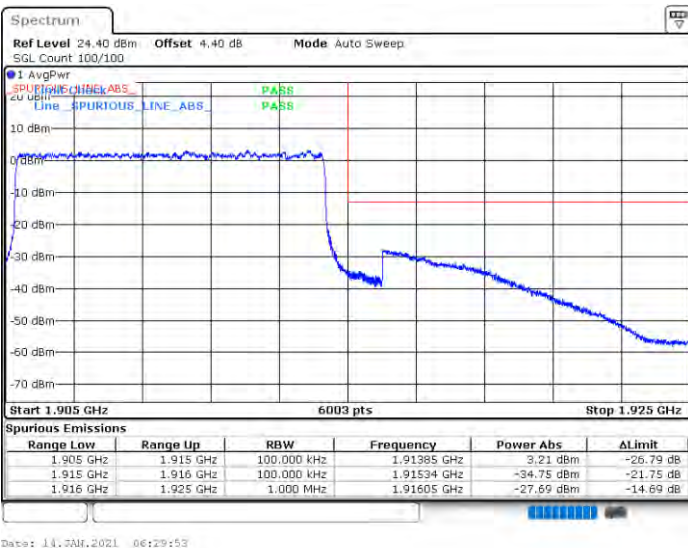
Channel Power < -13dBm Pass



/

Highest Band Edge / Full RB

Channel Power < -13dBm Pass



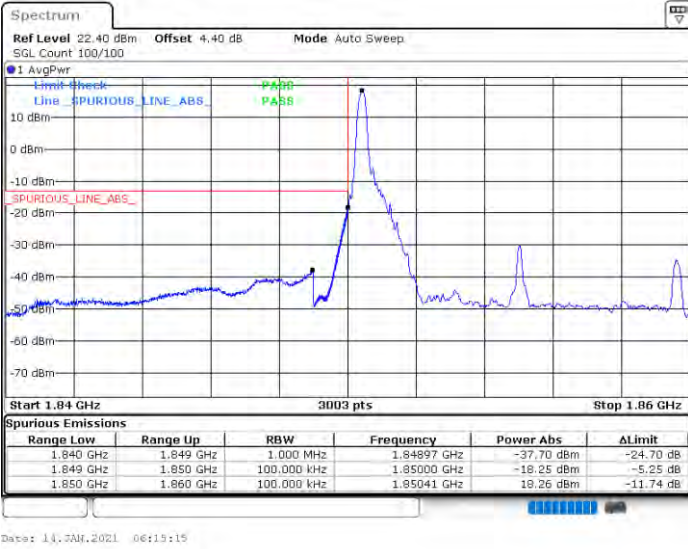
/



FR1 n25 / 10MHz / DFT-S OFDM QPSK

Lowest Band Edge / 1 RB

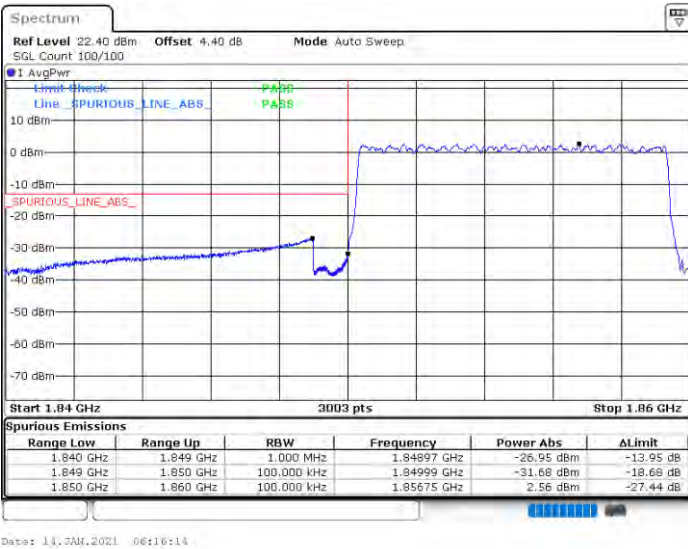
Channel Power < -13dBm Pass



/

Lowest Band Edge / Full RB

Channel Power < -13dBm Pass



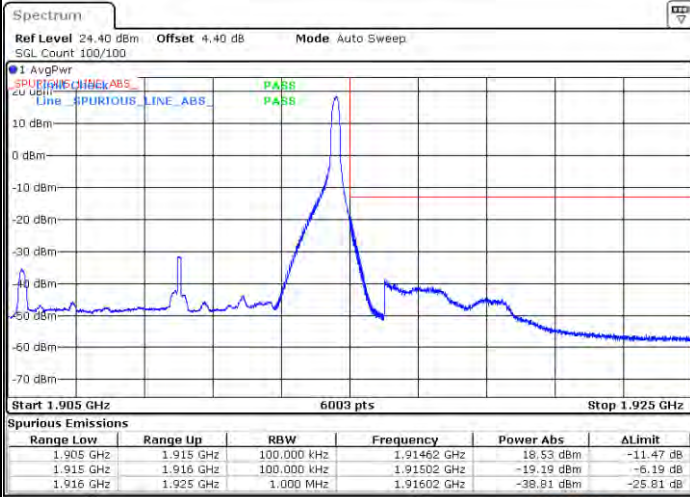
/



FR1 n25 / 10MHz / DFT-S OFDM QPSK

Highest Band Edge / 1 RB

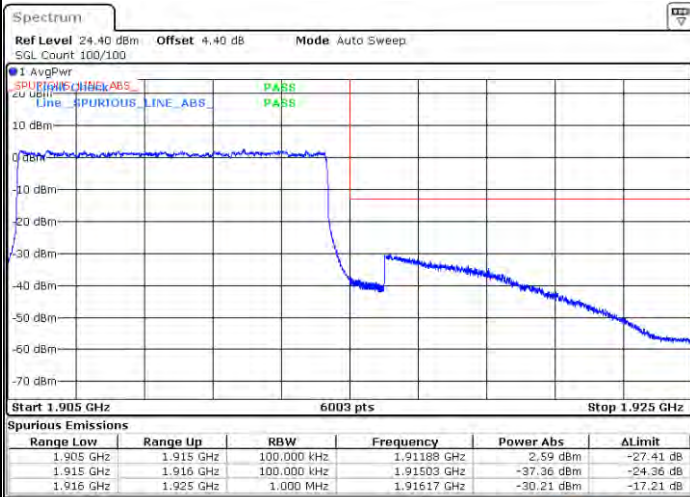
Channel Power < -13dBm Pass



/

Highest Band Edge / Full RB

Channel Power < -13dBm Pass



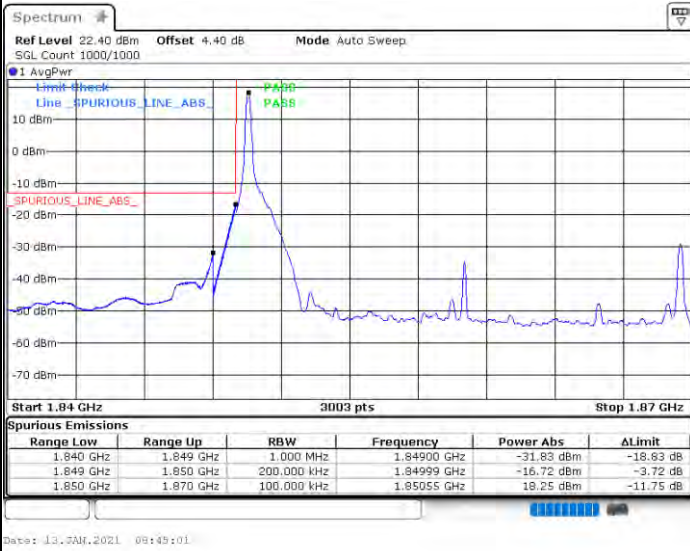
/



FR1 n25 / 20MHz / DFT-S OFDM BPSK

Lowest Band Edge / 1 RB

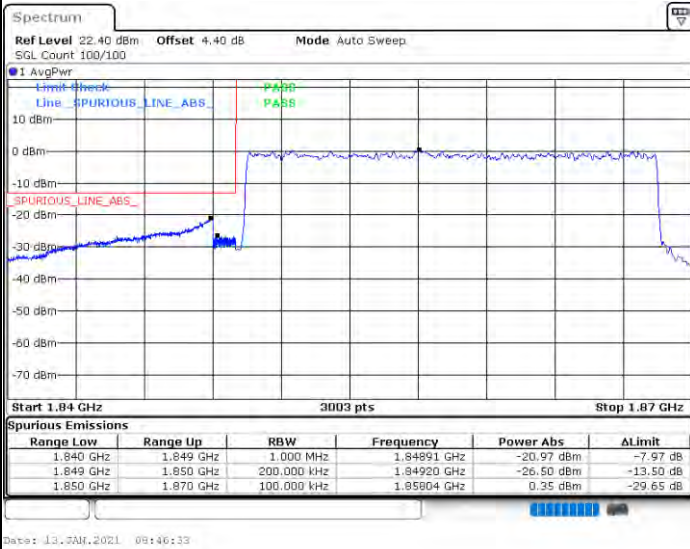
Channel Power < -13dBm Pass



/

Lowest Band Edge / Full RB

Channel Power < -13dBm Pass



/

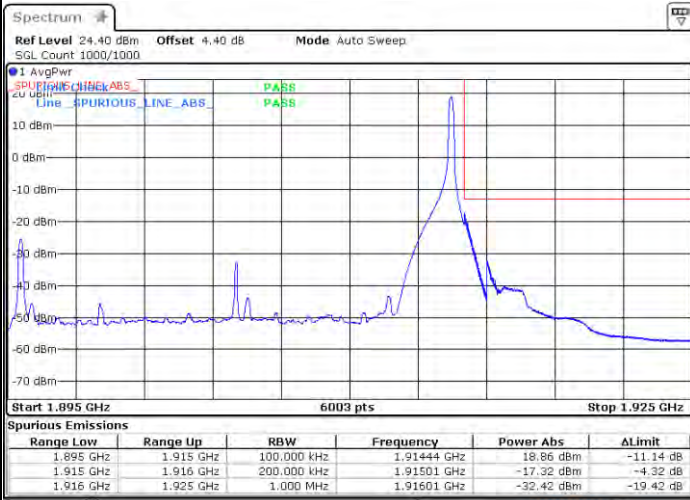




FR1 n25 / 20MHz / DFT-S OFDM BPSK

Highest Band Edge / 1 RB

Channel Power < -13dBm Pass

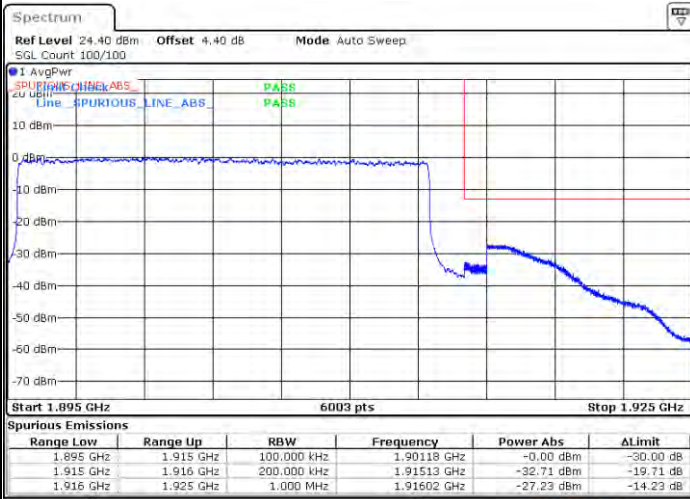


/

Date: 14, MAR, 2021 05:53:06

Highest Band Edge / Full RB

Channel Power < -13dBm Pass



/

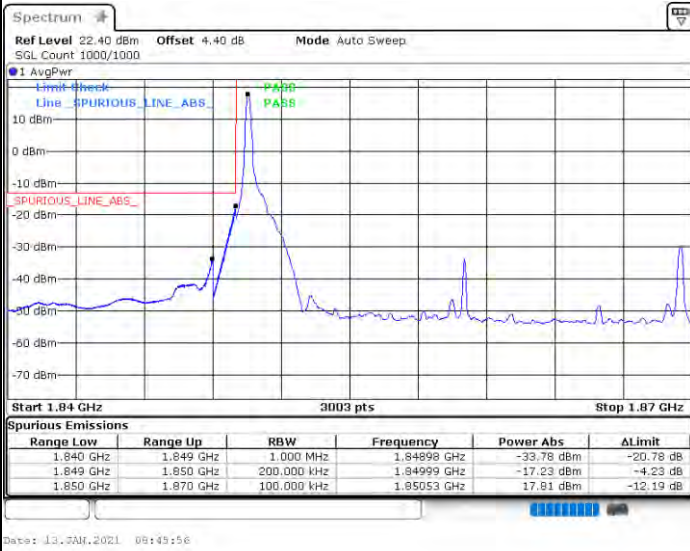
Date: 14, MAR, 2021 06:09:25



FR1 n25 / 20MHz / DFT-S OFDM QPSK

Lowest Band Edge / 1 RB

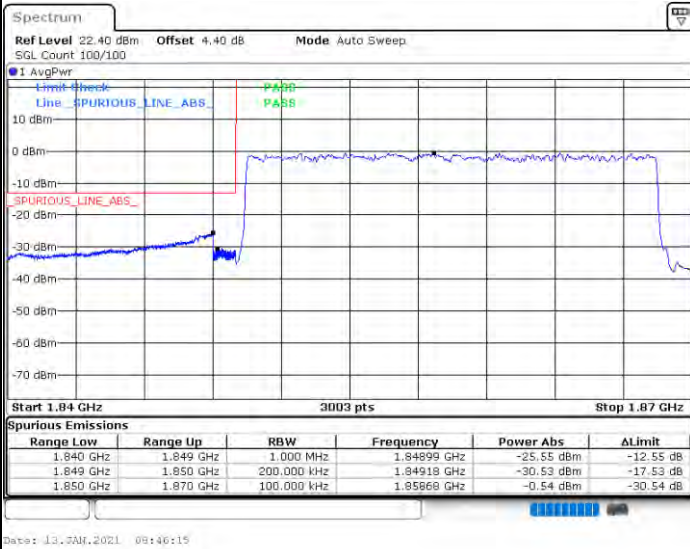
Channel Power < -13dBm Pass



/

Lowest Band Edge / Full RB

Channel Power < -13dBm Pass



/