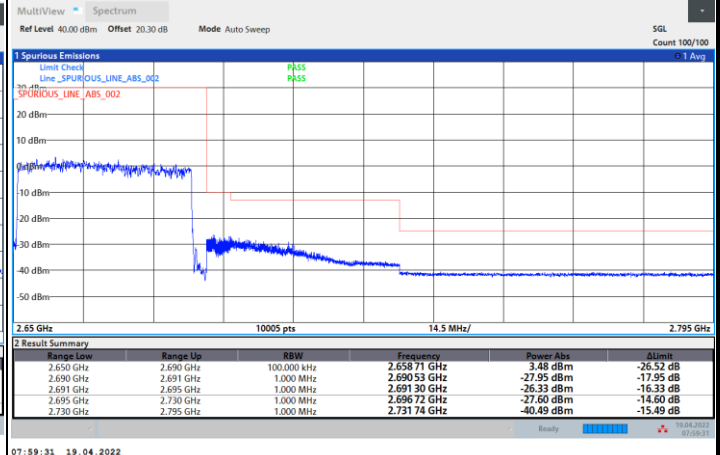




FR1 n41 / 40MHz / DFT-S OFDM / 16QAM

Highest Band Edge / Full RB

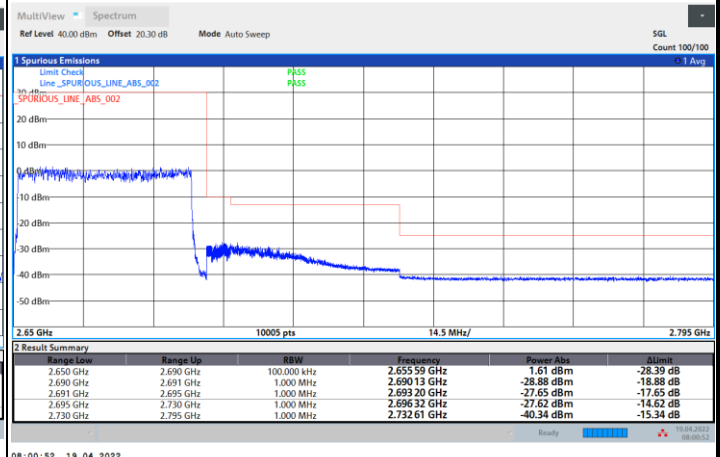


07:48:26 19.04.2022

07:59:31 19.04.2022

FR1 n41 / 40MHz / DFT-S OFDM / 64QAM

Highest Band Edge / Full RB



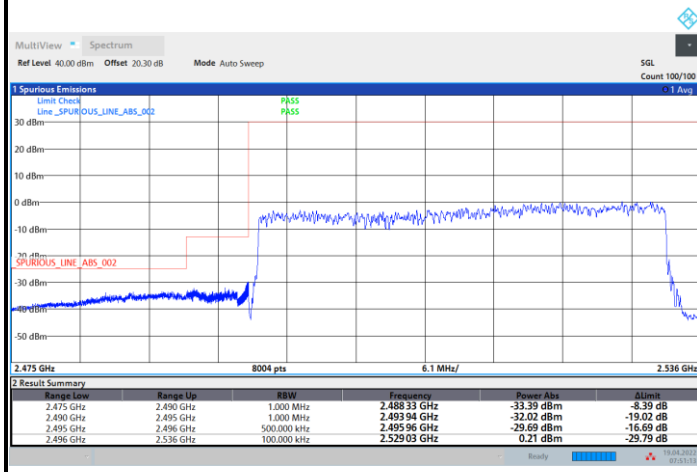
07:49:50 19.04.2022

08:00:52 19 04 2022



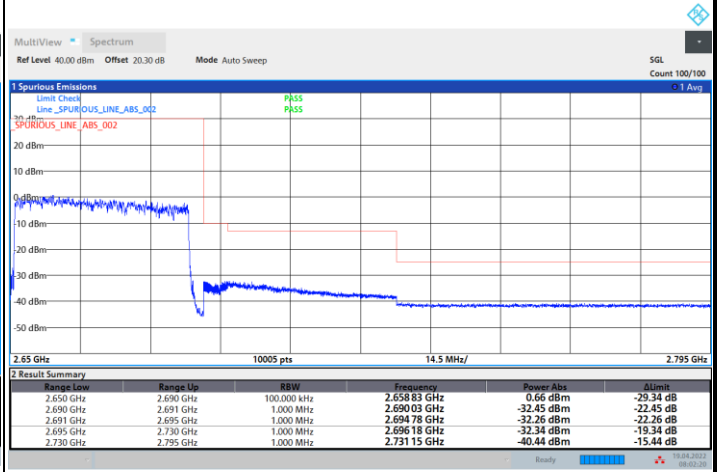
FR1 n41 / 40MHz / DFT-S OFDM / 256QAM

Lowest Band Edge / Full RB



07:51:13 19.04.2022

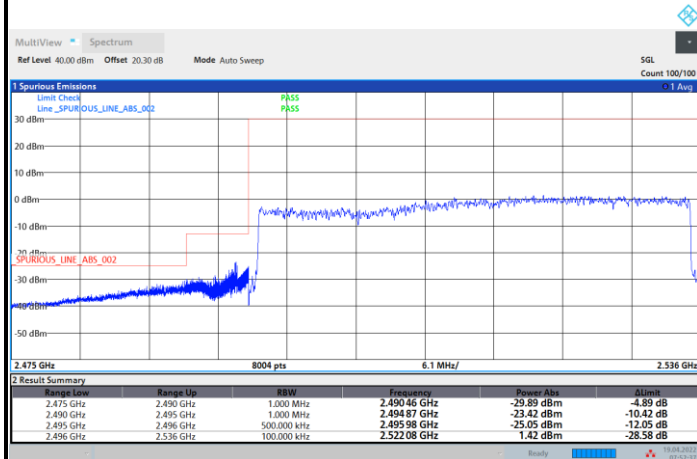
Highest Band Edge / Full RB



08:02:20 19.04.2022

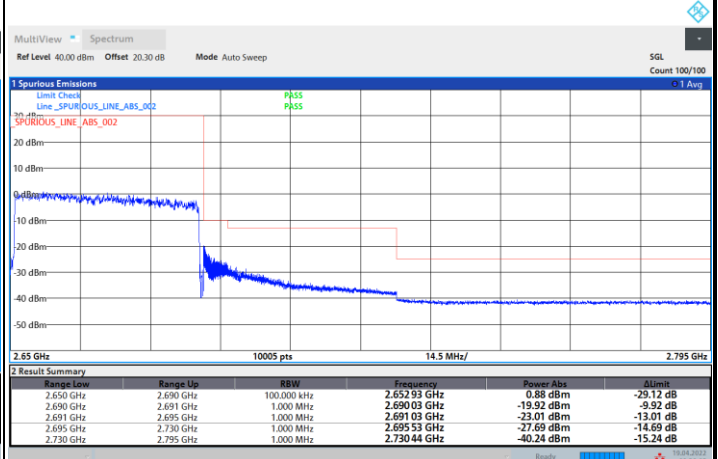
FR1 n41 / 40MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge



07:52:38 19.04.2022

Highest Band Edge



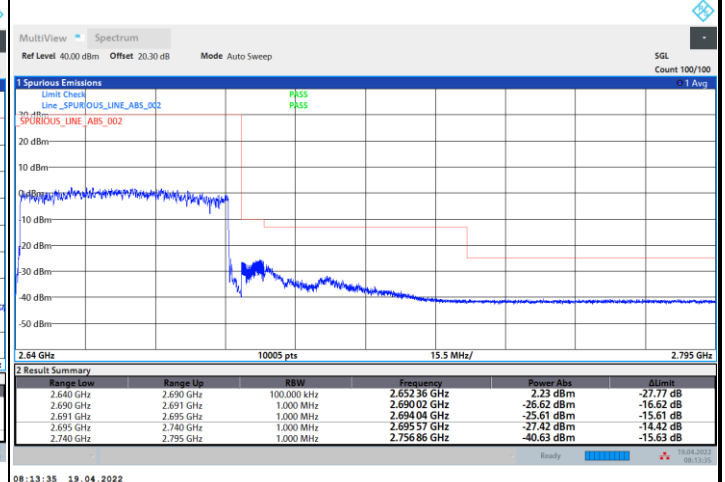
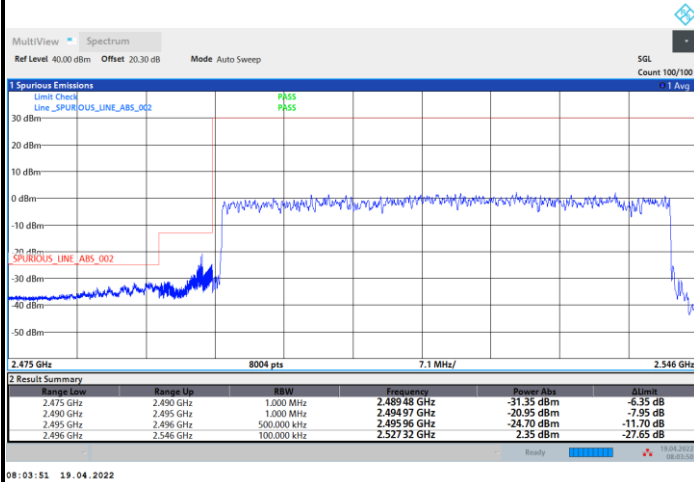
09:38:06 19.04.2022



FR1 n41 / 50MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

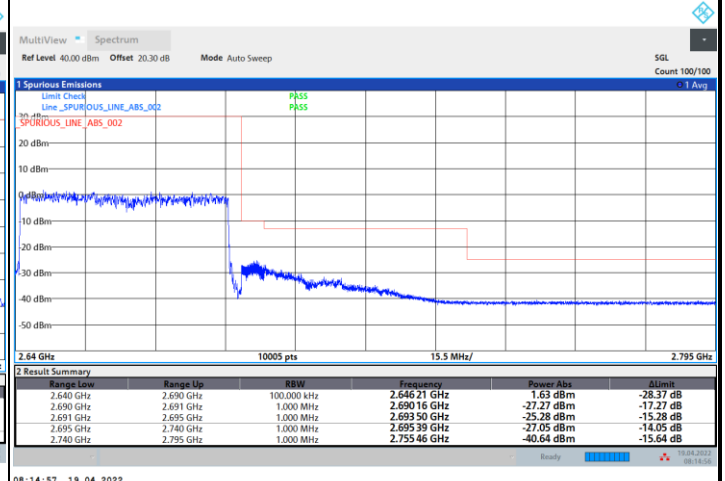
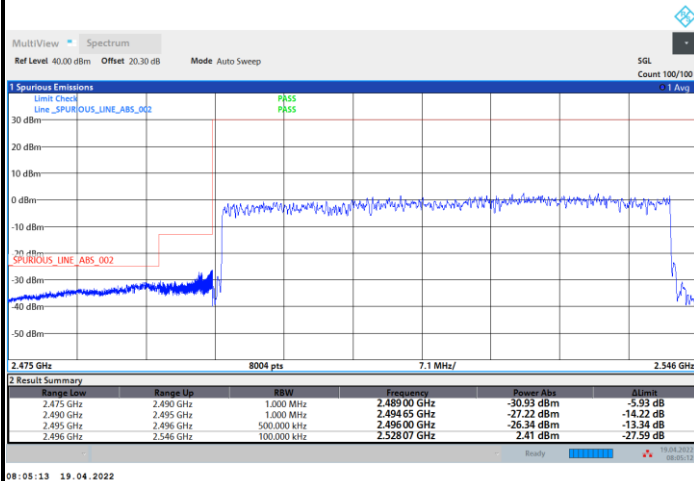
Highest Band Edge / Full RB



FR1 n41 / 50MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB

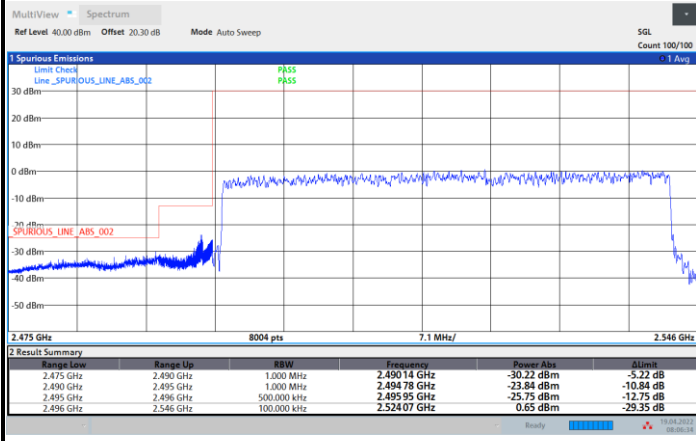
Highest Band Edge / Full RB





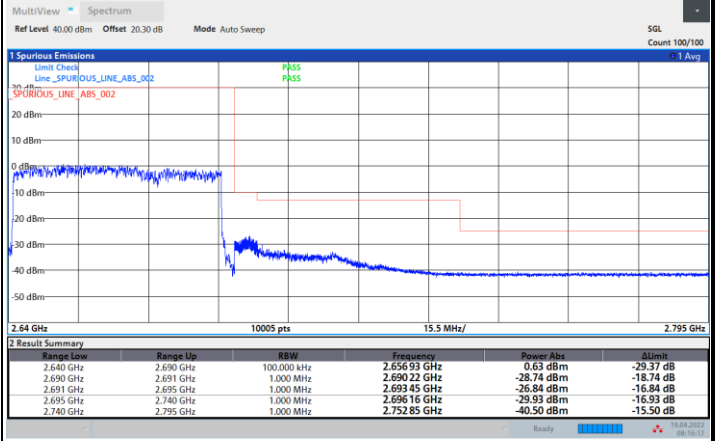
FR1 n41 / 50MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / Full RB



08:06:34 19.04.2022

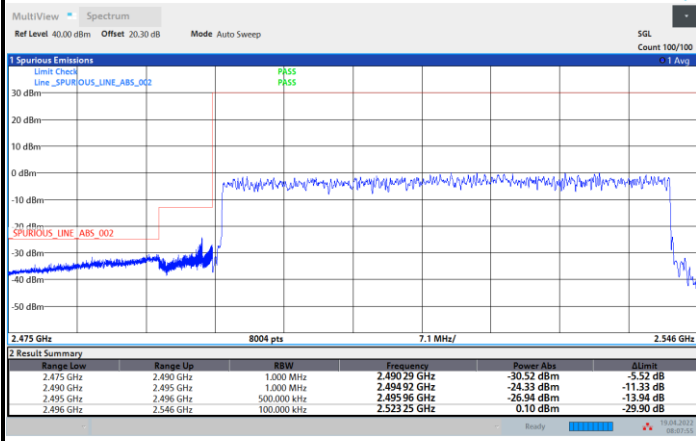
Highest Band Edge / Full RB



08:16:18 19.04.2022

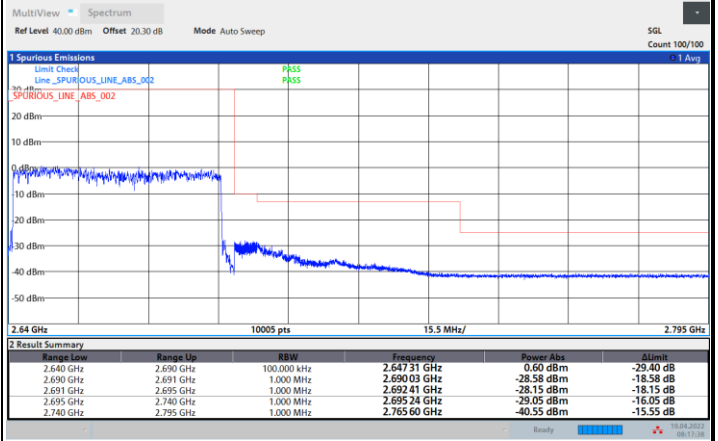
FR1 n41 / 50MHz / DFT-S OFDM / 64QAM

Lowest Band Edge / Full RB



08:07:56 19.04.2022

Highest Band Edge / Full RB

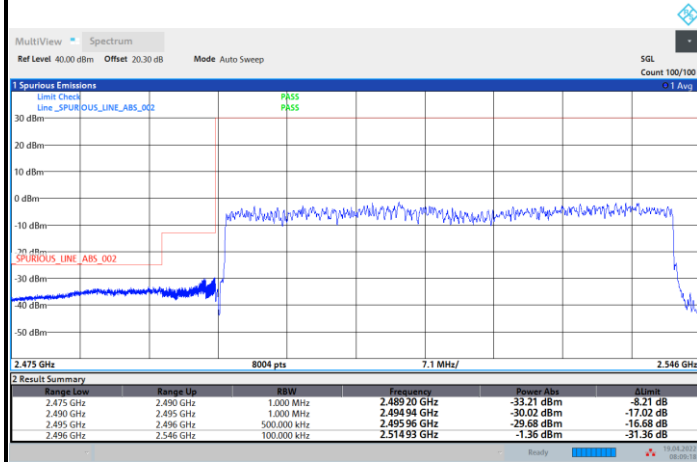


08:17:39 19.04.2022



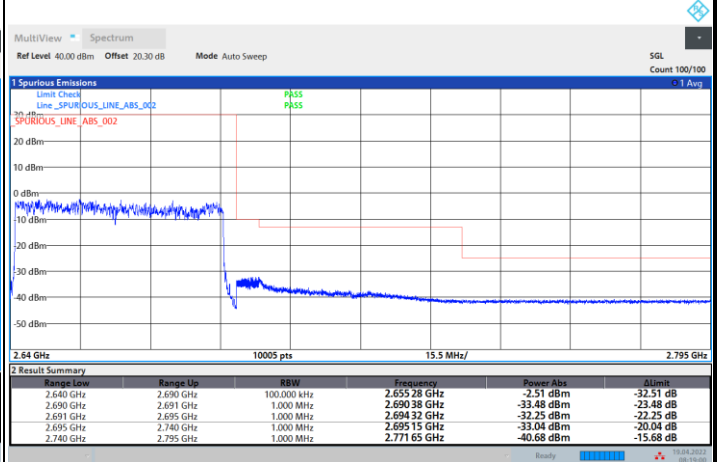
FR1 n41 / 50MHz / DFT-S OFDM / 256QAM

Lowest Band Edge / Full RB



08:09:19 19.04.2022

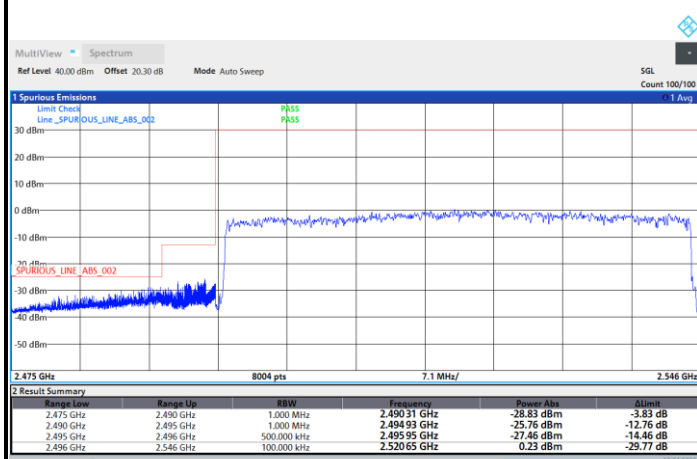
Highest Band Edge / Full RB



08:19:01 19.04.2022

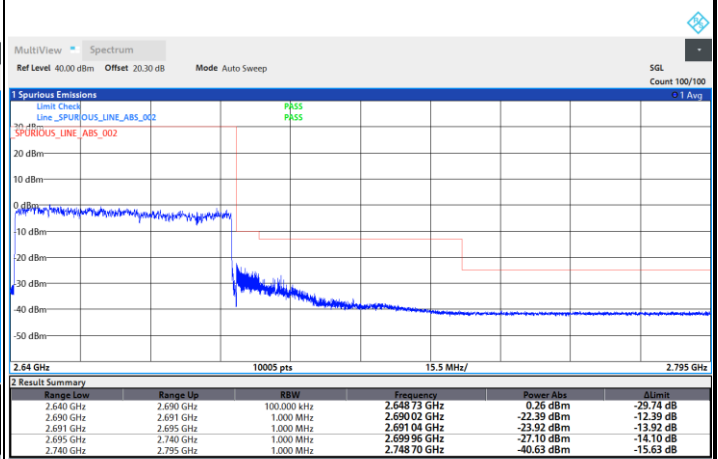
FR1 n41 / 50MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge



08:10:44 19.04.2022

Highest Band Edge

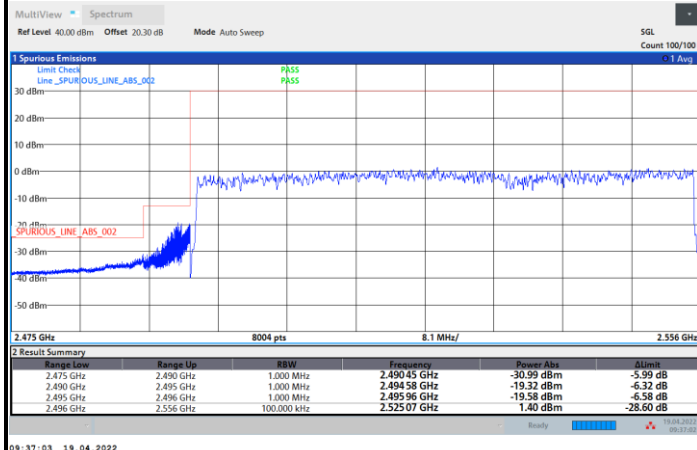


08:12:10 19.04.2022

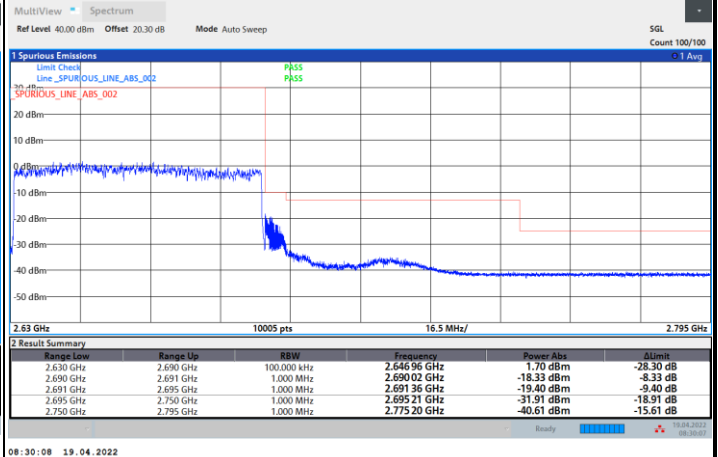


FR1 n41 / 60MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

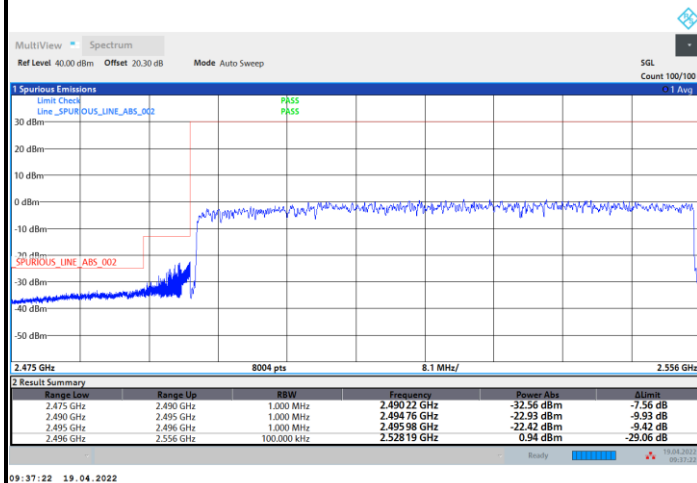


Highest Band Edge / Full RB

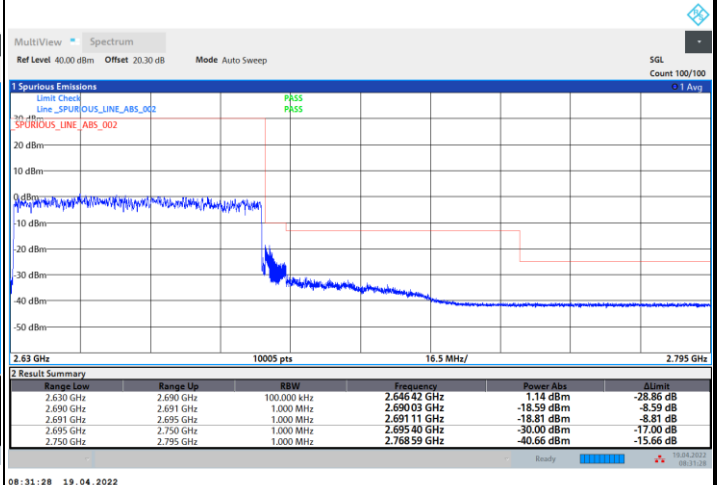


FR1 n41 / 60MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB



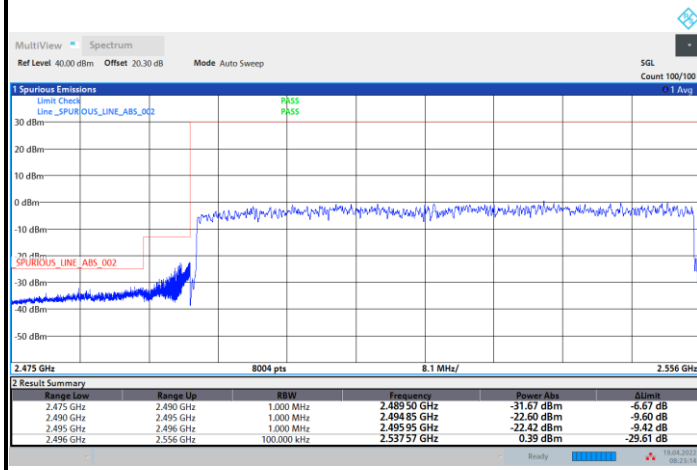
Highest Band Edge / Full RB





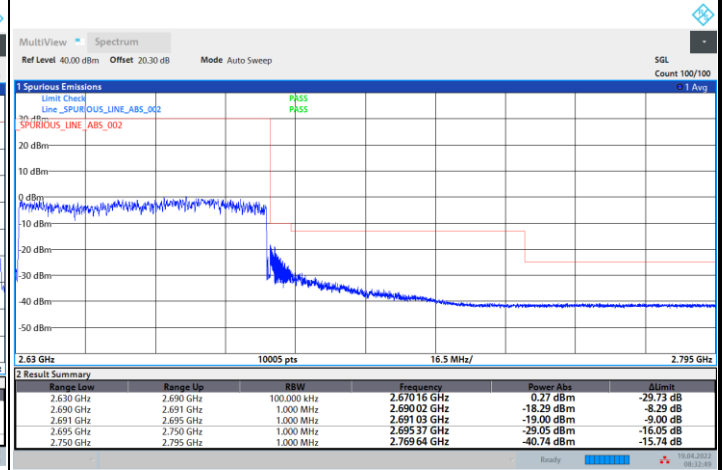
FR1 n41 / 60MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / Full RB



08:23:14 19.04.2022

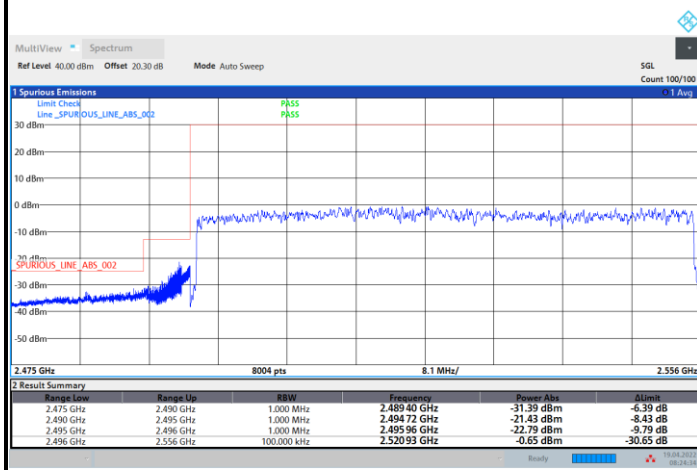
Highest Band Edge / Full RB



08:32:49 19.04.2022

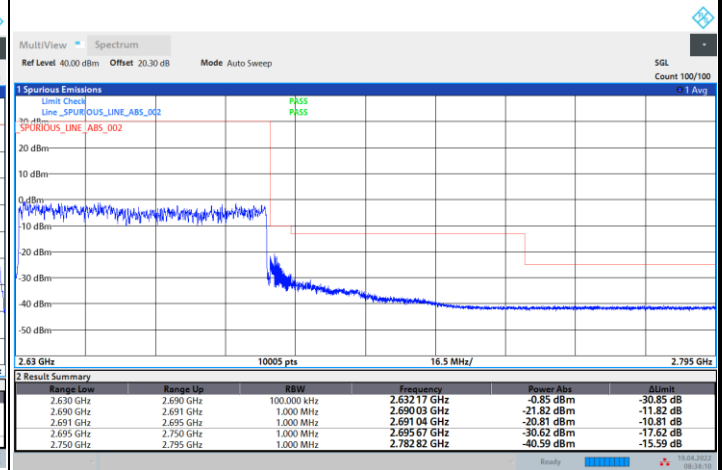
FR1 n41 / 60MHz / DFT-S OFDM / 64QAM

Lowest Band Edge / Full RB



08:24:35 19.04.2022

Highest Band Edge / Full RB

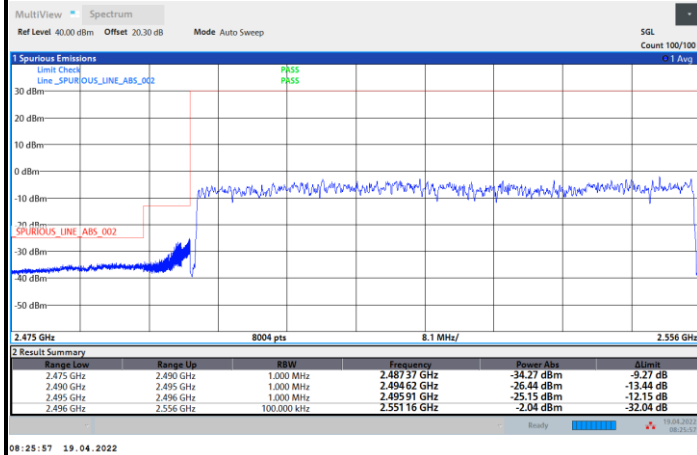


08:34:10 19.04.2022

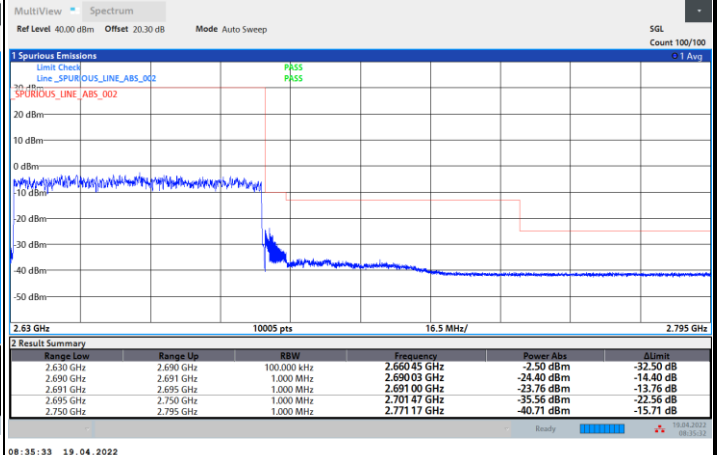


FR1 n41 / 60MHz / DFT-S OFDM / 256QAM

Lowest Band Edge / Full RB

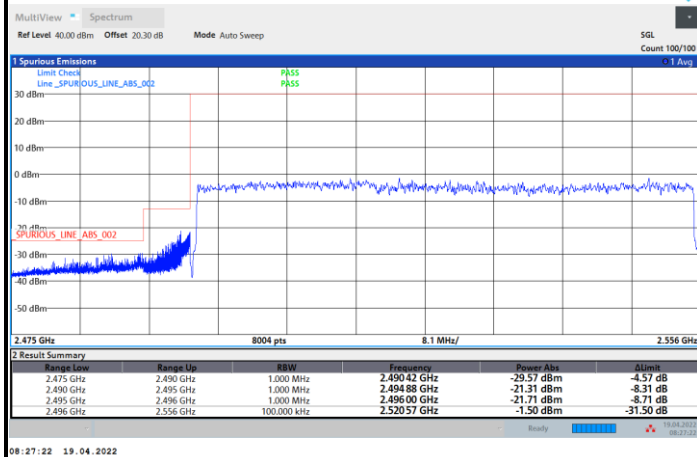


Highest Band Edge / Full RB

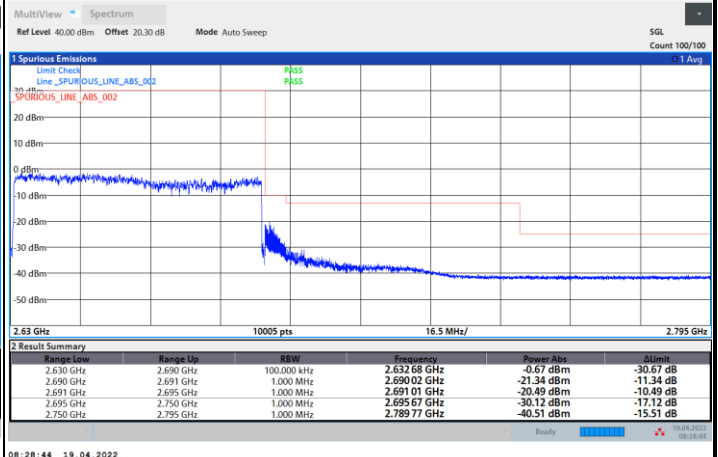


FR1 n41 / 60MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge



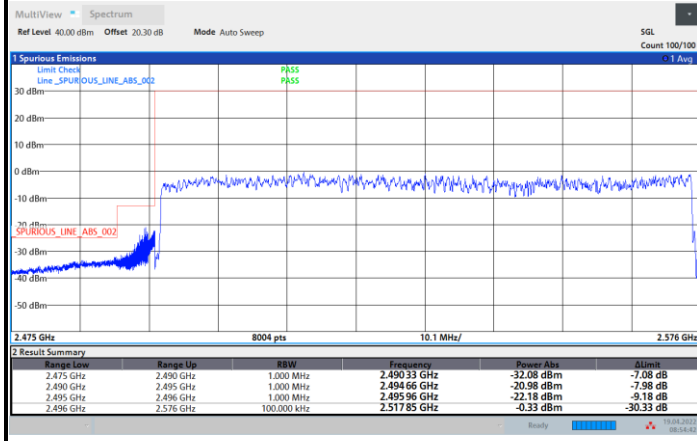
Highest Band Edge





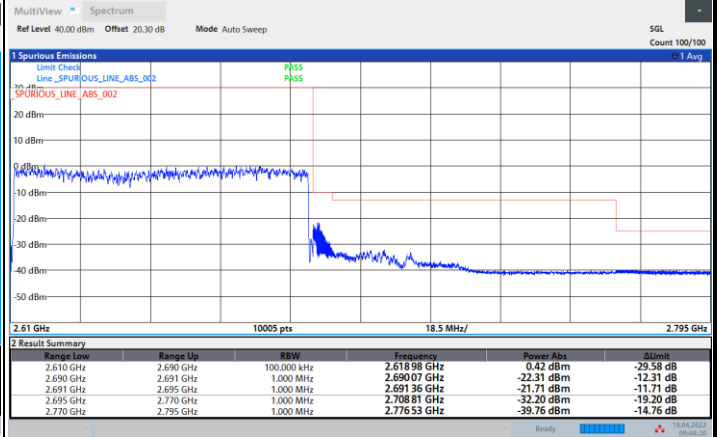
FR1 n41 / 80MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB



08:54:42 19.04.2022

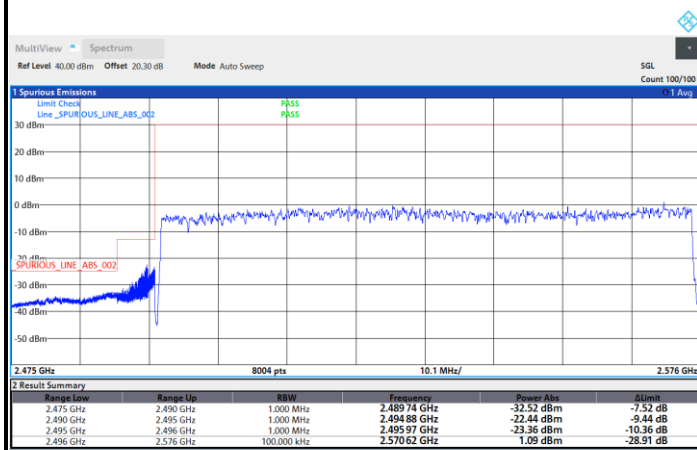
Highest Band Edge / Full RB



09:04:21 19.04.2022

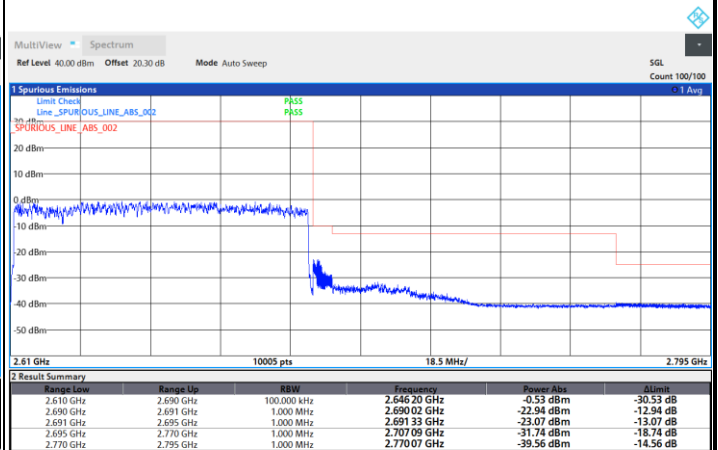
FR1 n41 / 80MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB



08:56:04 19.04.2022

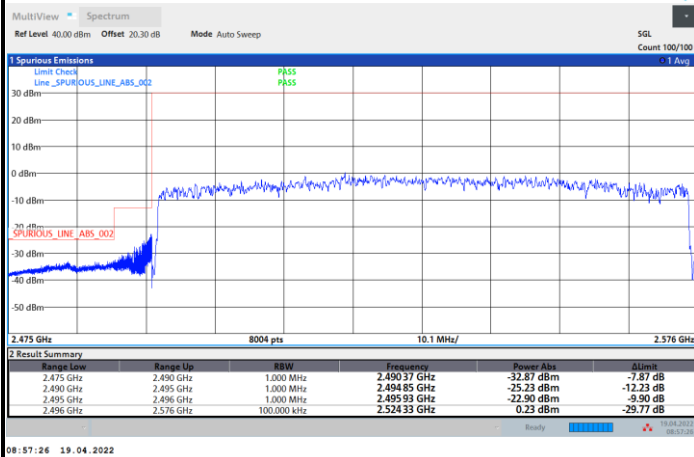
Highest Band Edge / Full RB



09:05:42 19.04.2022

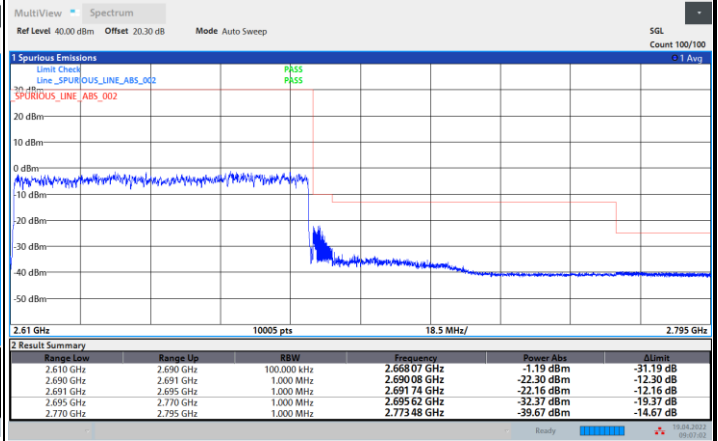
FR1 n41 / 80MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / Full RB



08:57:26 19.04.2022

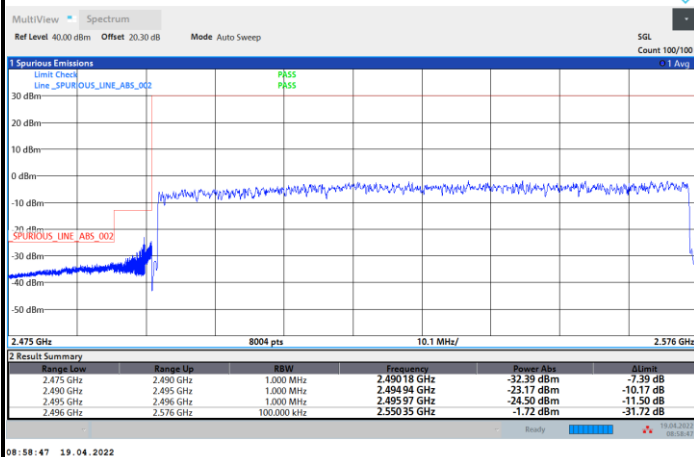
Highest Band Edge / Full RB



09:07:03 19.04.2022

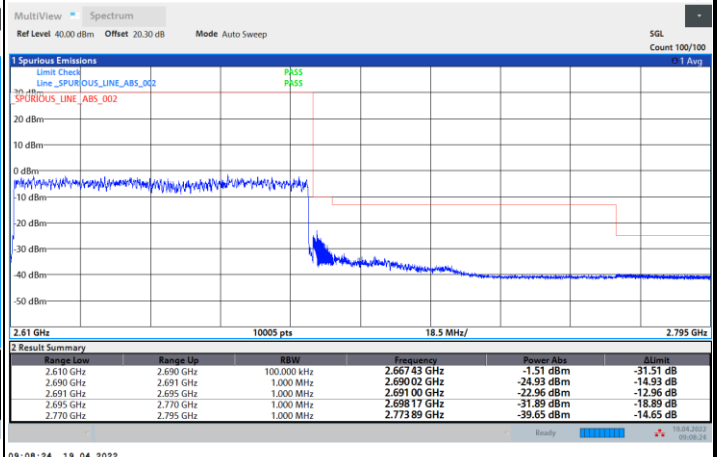
FR1 n41 / 80MHz / DFT-S OFDM / 64QAM

Lowest Band Edge / Full RB



08:58:47 19.04.2022

Highest Band Edge / Full RB

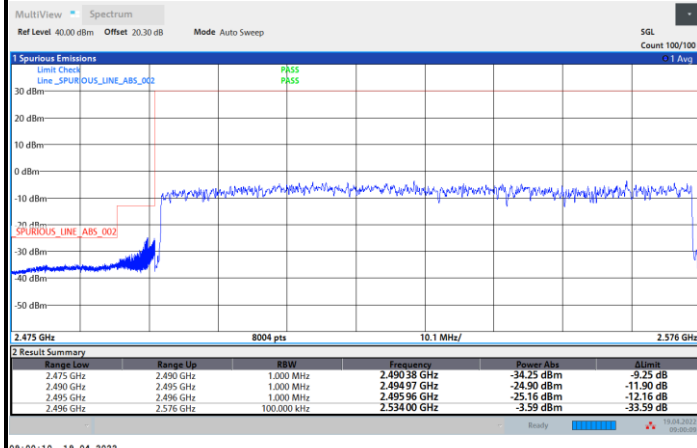


09:08:24 19.04.2022

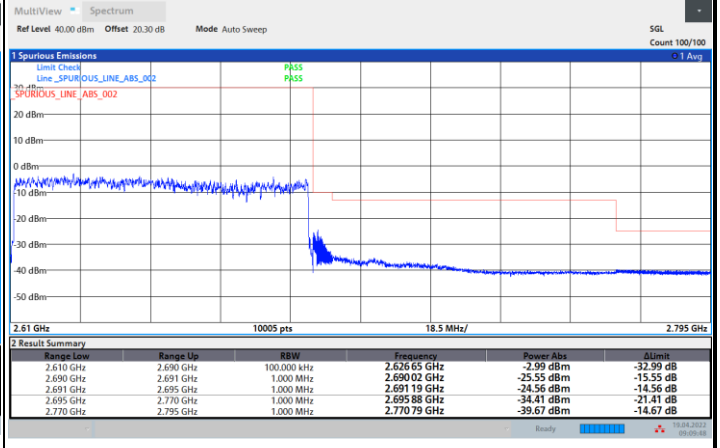


FR1 n41 / 80MHz / DFT-S OFDM / 256QAM

Lowest Band Edge / Full RB

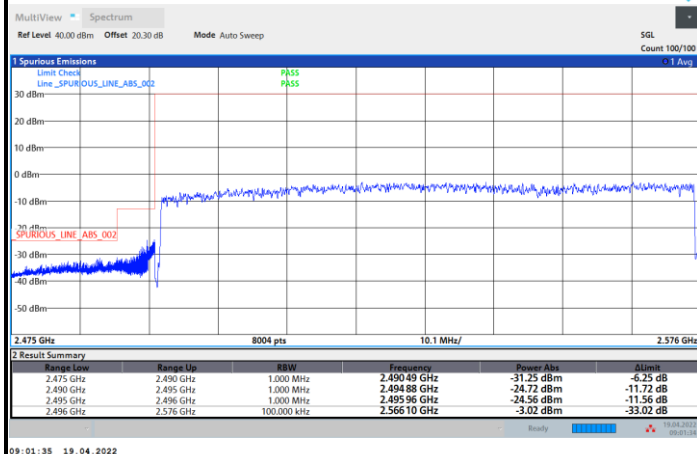


Highest Band Edge / Full RB

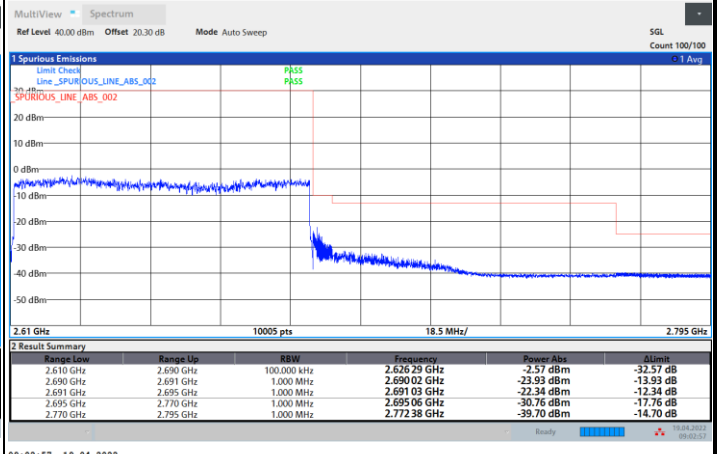


FR1 n41 / 80MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge



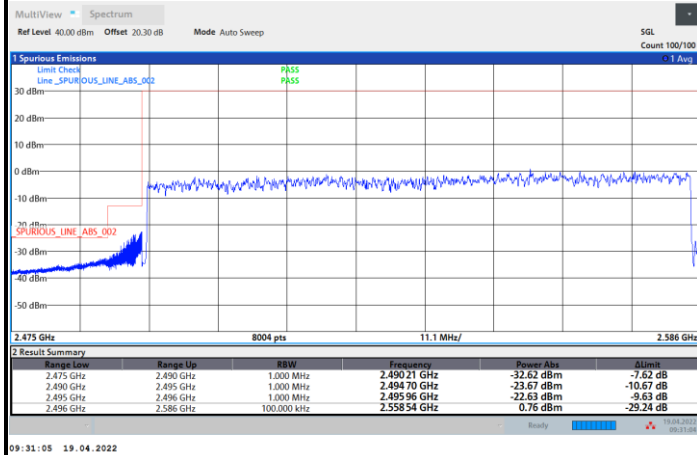
Highest Band Edge



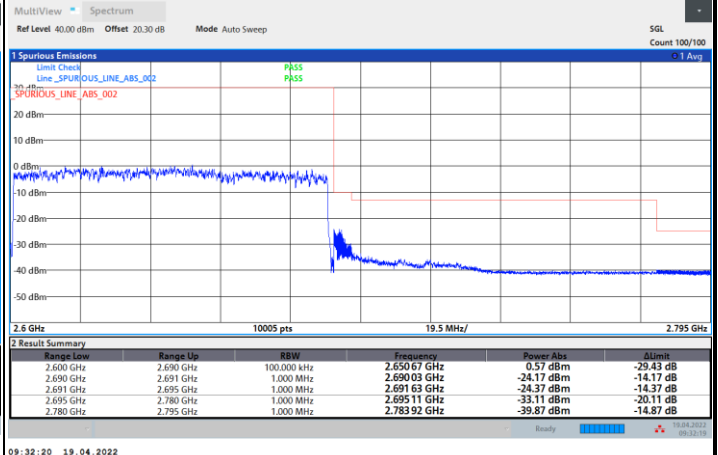


FR1 n41 / 90MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

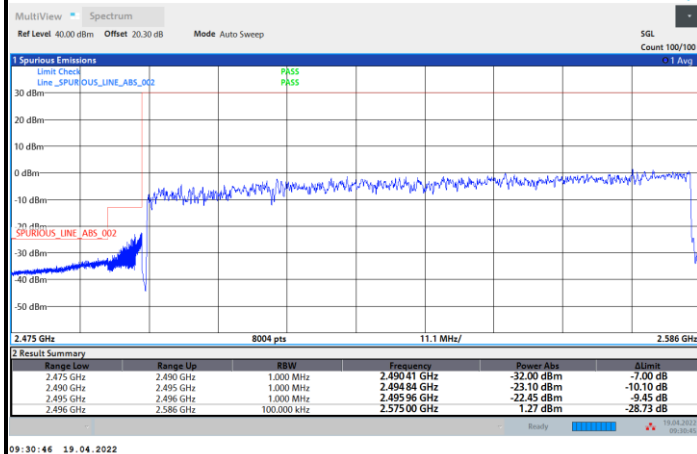


Highest Band Edge / Full RB

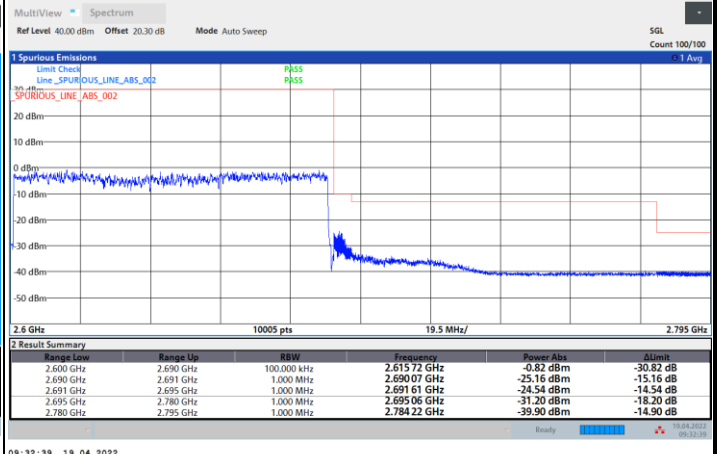


FR1 n41 / 90MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB



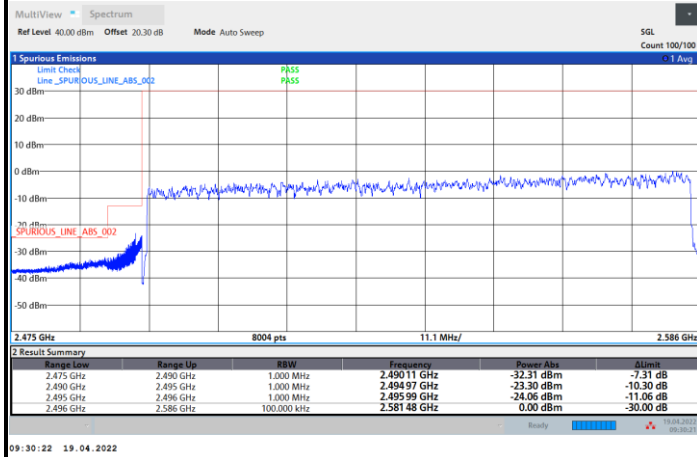
Highest Band Edge / Full RB



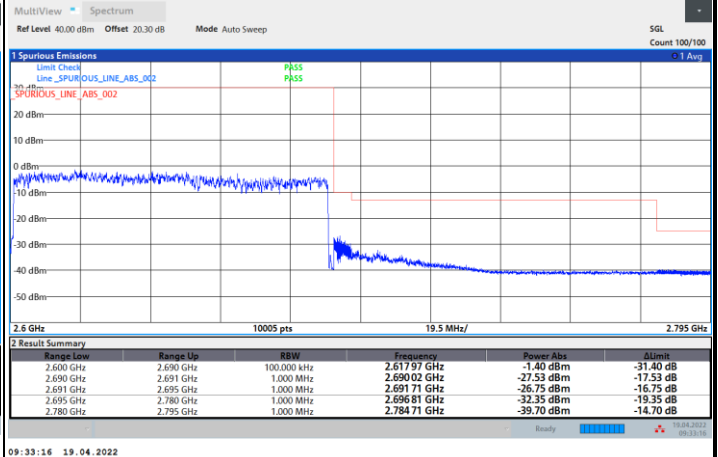


FR1 n41 / 90MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / Full RB

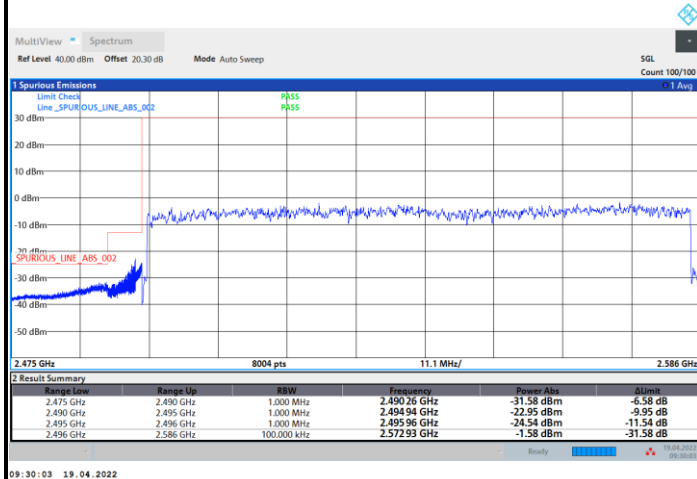


Highest Band Edge / Full RB

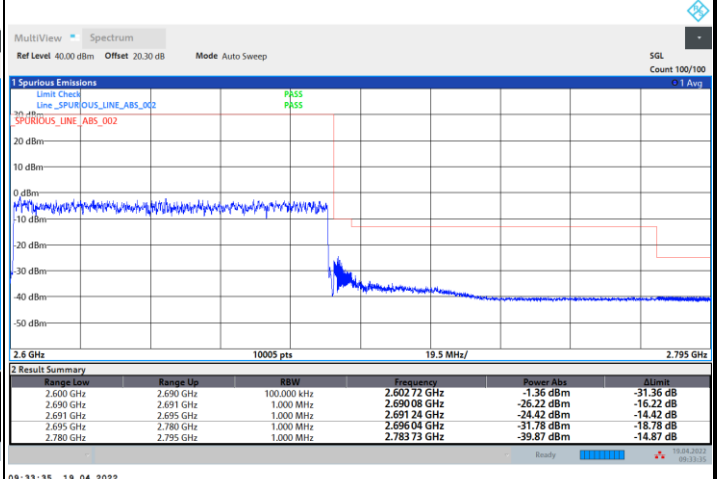


FR1 n41 / 90MHz / DFT-S OFDM / 64QAM

Lowest Band Edge / Full RB



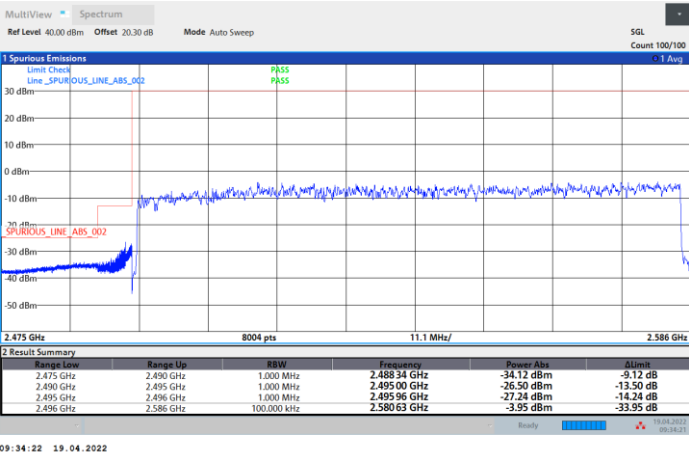
Highest Band Edge / Full RB





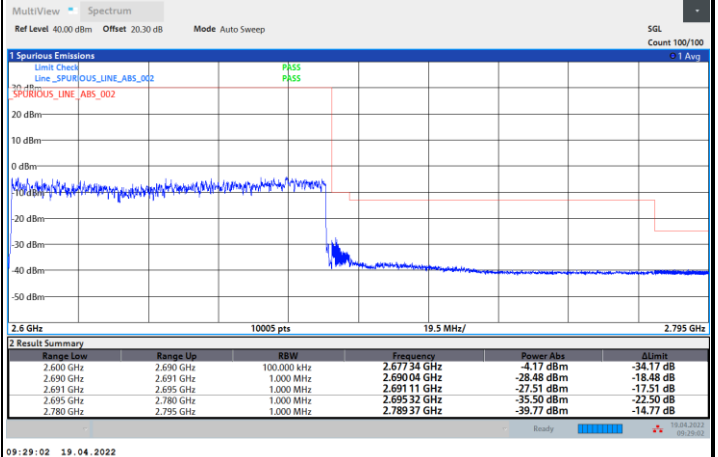
FR1 n41 / 90MHz / DFT-S OFDM / 256QAM

Lowest Band Edge / Full RB



09:34:22 19.04.2022

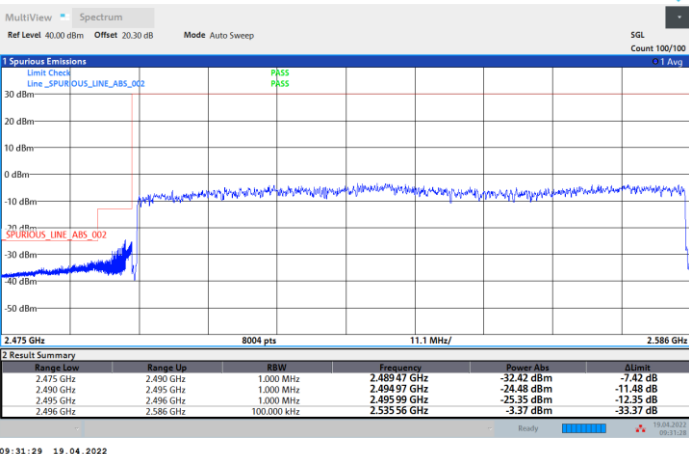
Highest Band Edge / Full RB



09:29:02 19.04.2022

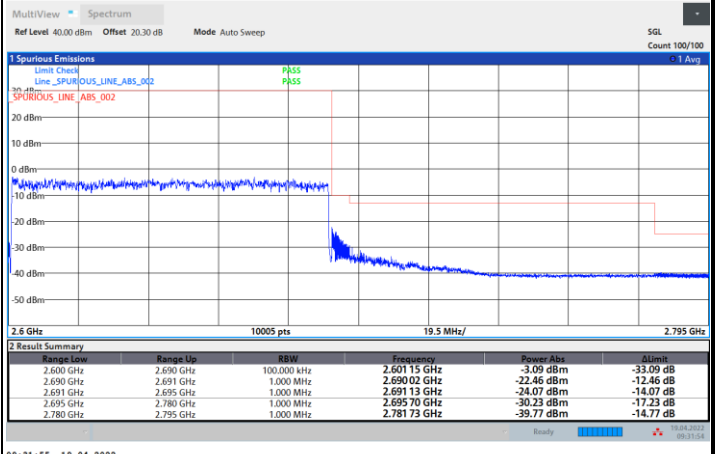
FR1 n41 / 90MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge



09:31:29 19.04.2022

Highest Band Edge

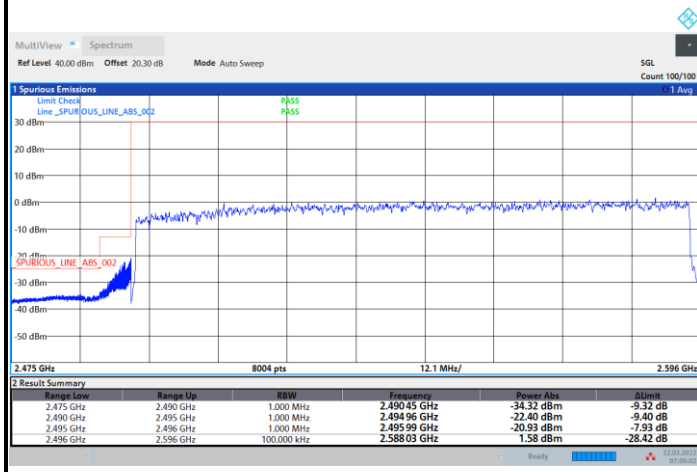


09:31:55 19.04.2022

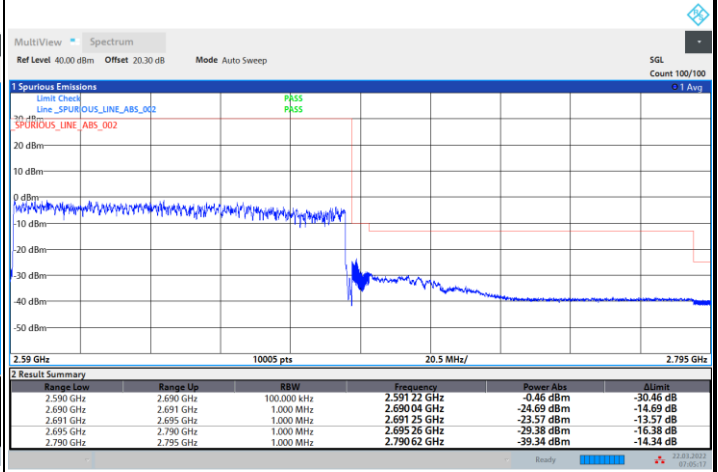


FR1 n41 / 100MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

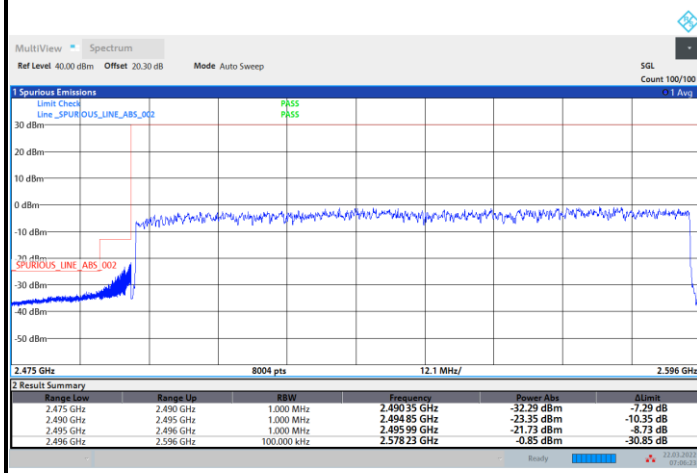


Highest Band Edge / Full RB

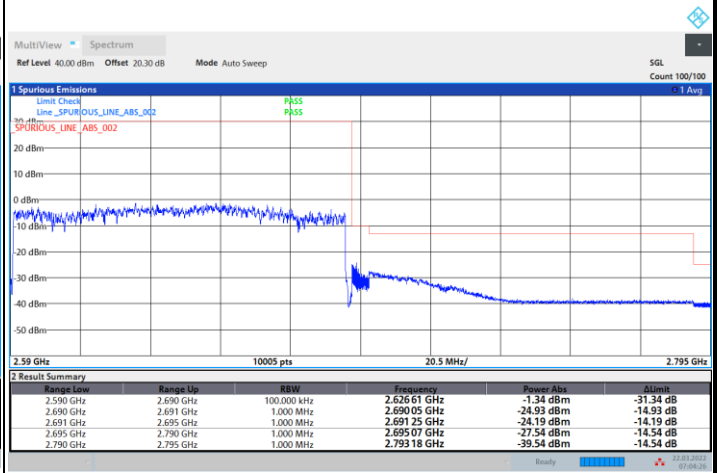


FR1 n41 / 100MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB



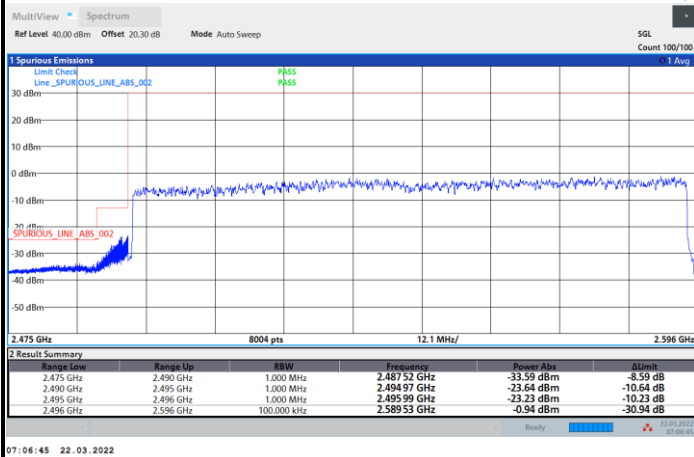
Highest Band Edge / Full RB





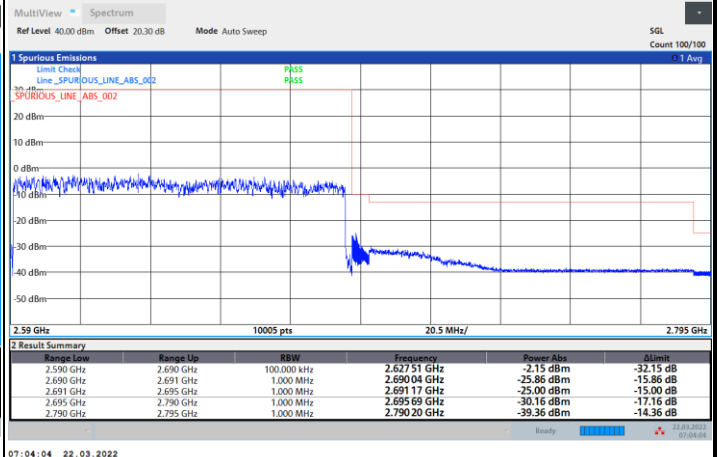
FR1 n41 / 100MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / Full RB



07:06:45 22.03.2022

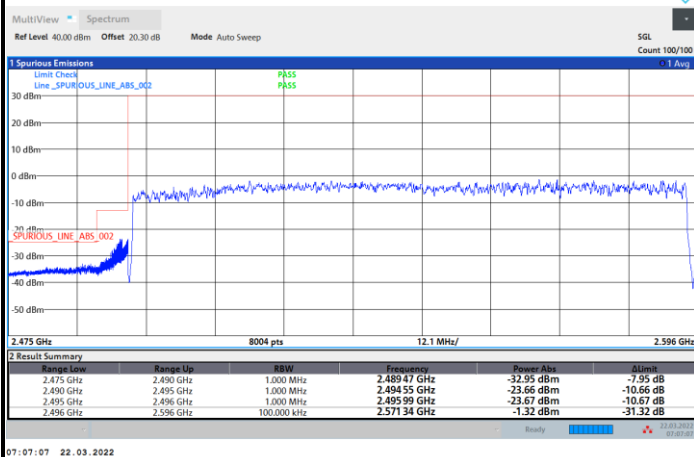
Highest Band Edge / Full RB



07:04:04 22.03.2022

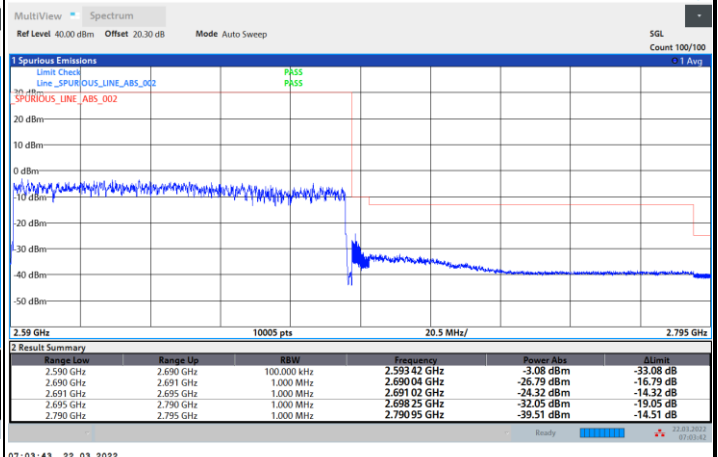
FR1 n41 / 100MHz / DFT-S OFDM / 64QAM

Lowest Band Edge / Full RB



07:07:07 22.03.2022

Highest Band Edge / Full RB

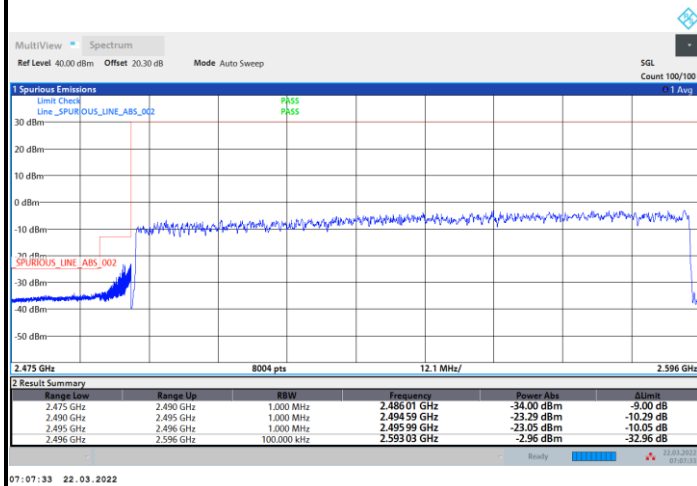


07:03:43 22 03 2022

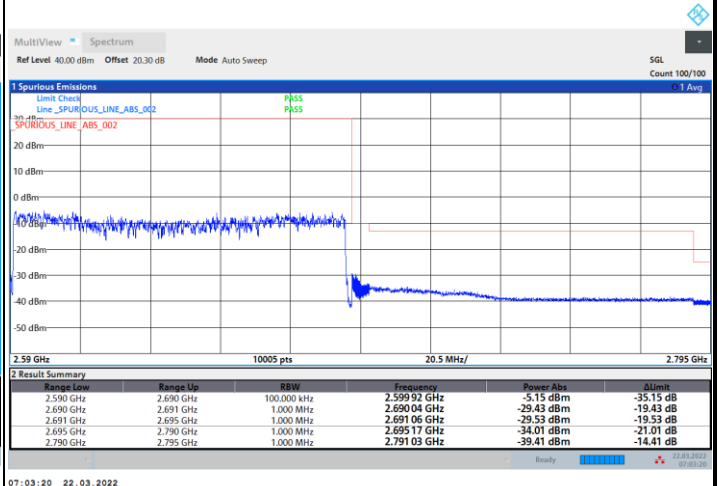


FR1 n41 / 100MHz / DFT-S OFDM / 256QAM

Lowest Band Edge / Full RB

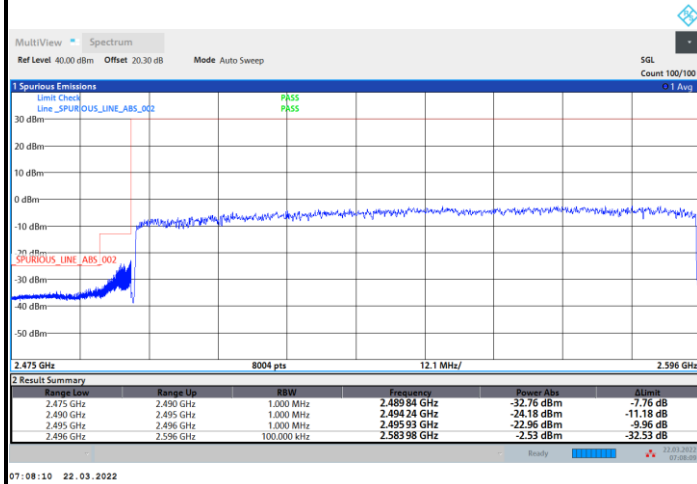


Highest Band Edge / Full RB

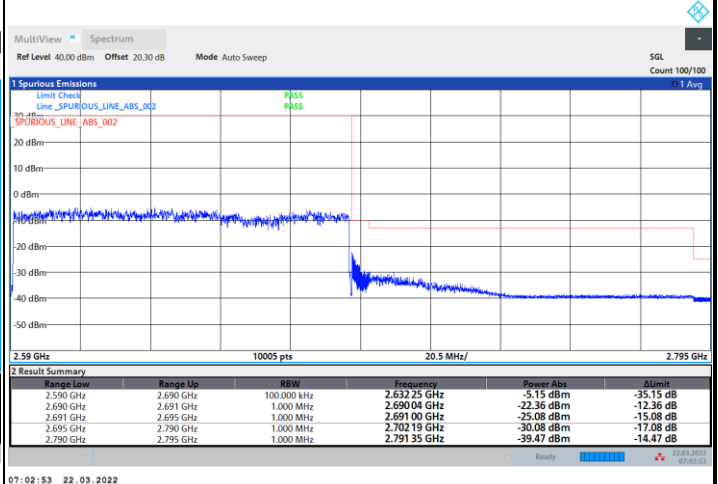


FR1 n41 / 100MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge



Highest Band Edge

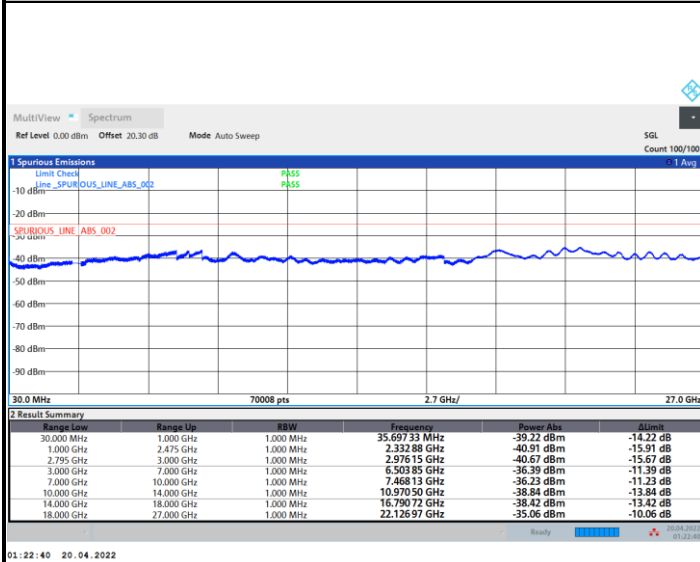




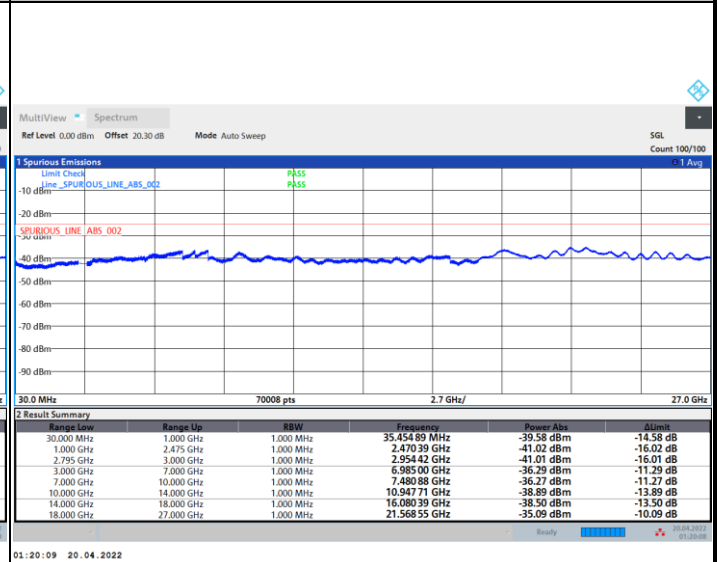
Conducted Spurious Emission

FR1 n41 / 10MHz / DFT-S OFDM / QPSK / 1RB1

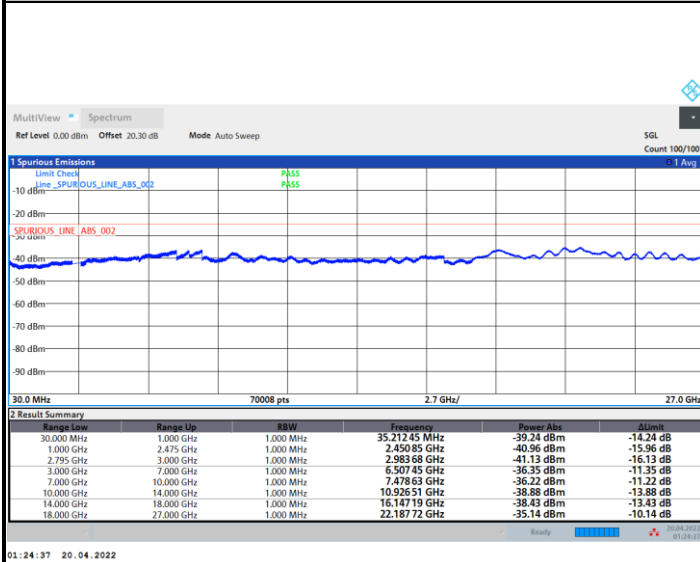
Lowest Channel



Middle Channel



Highest Channel



Frequency Stability

Test Conditions		FR1 n41 (BPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0037	PASS
40	Normal Voltage	0.0010	
30	Normal Voltage	0.0001	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0016	
0	Normal Voltage	0.0075	
-10	Normal Voltage	0.0035	
-20	Normal Voltage	0.0027	
-30	Normal Voltage	0.0046	
20	Maximum Voltage	0.0023	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0014	

Note:

1. Normal Voltage = 3.86 V. ; Battery End Point (BEP) = 3.40 V. ; Maximum Voltage = 4.45 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

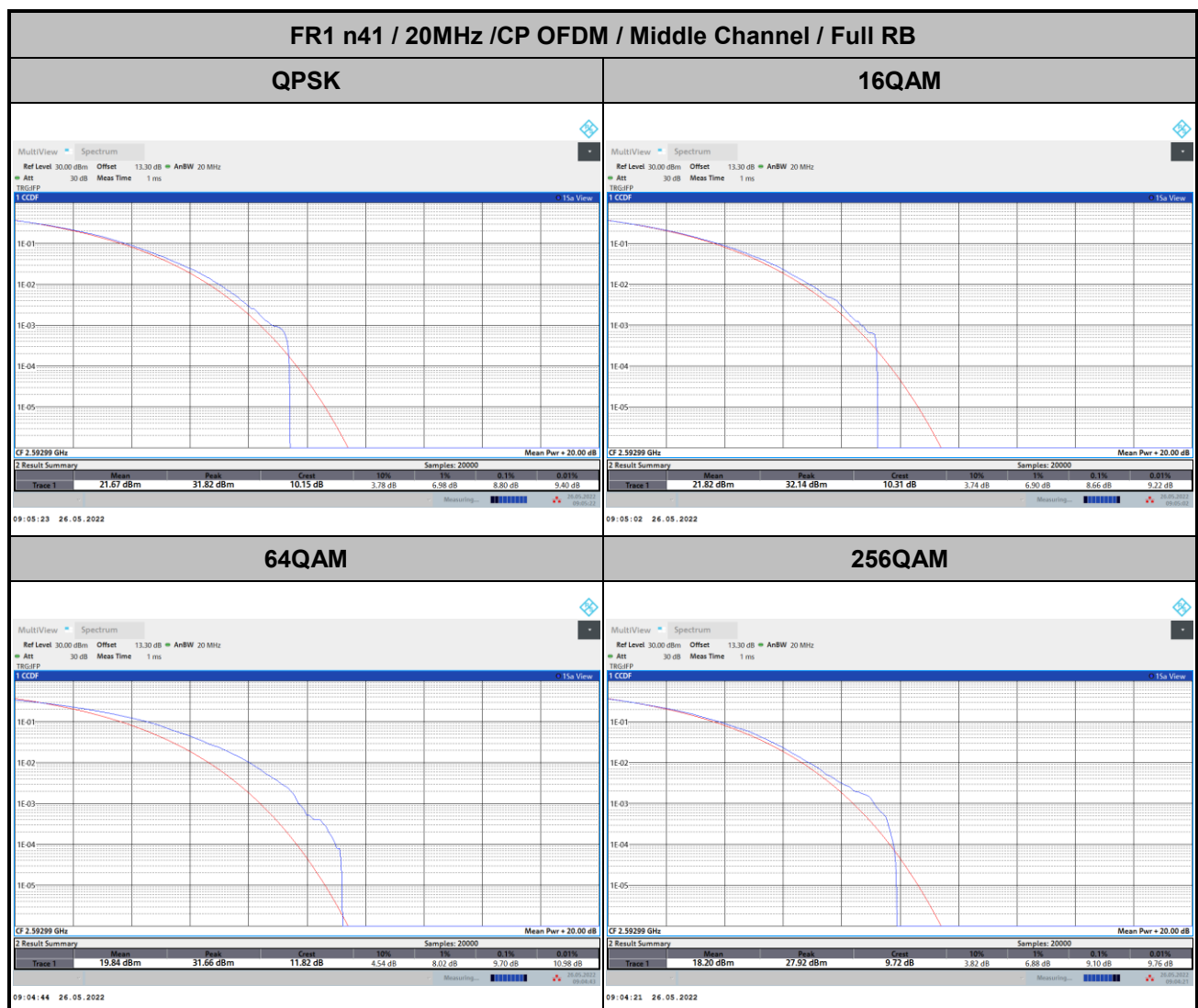
FR1 n41 PC1.5

<MIMO Mode>

MIMO <Ant. 1>

Peak-to-Average Ratio

Mode	FR1 n41 / 20MHz / CP OFDM				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	8.80	8.66	9.70	9.10	PASS



**26dB Bandwidth**

Mode	FR1 n41 : 26dB BW(MHz) / CP OFDM							
BW	10MHz		15MHz		20MHz		25MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	9.33	9.11	14.60	14.42	19.10	19.46	-	-
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	9.41	9.29	14.39	14.48	19.26	19.46	-	-
BW	30MHz		40MHz		50MHz		60MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	29.13	29.01	40.52	40.52	49.95	50.45	60.66	60.66
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	28.95	29.19	40.44	40.52	50.15	50.05	60.54	60.78
BW	70MHz		80MHz		90MHz		100MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	80.72	80.88	90.45	90.63	101.10	100.50
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	-	-	80.56	80.88	90.99	91.17	100.50	101.10