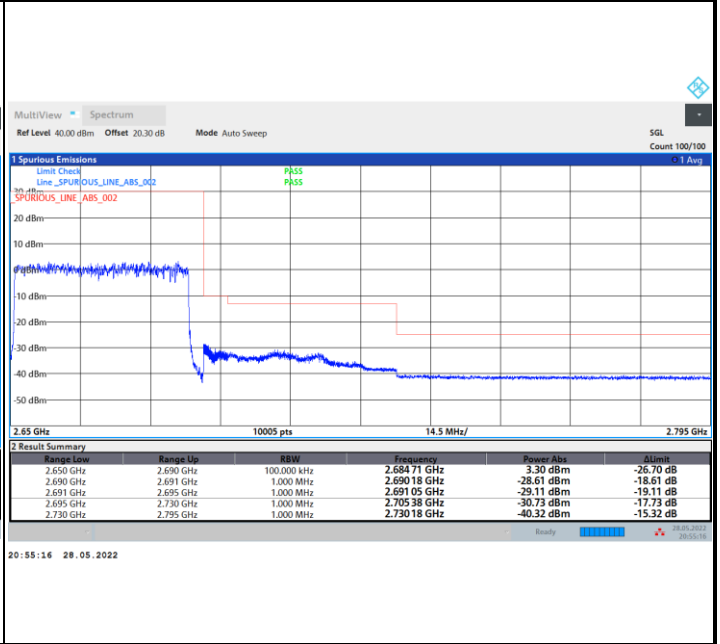
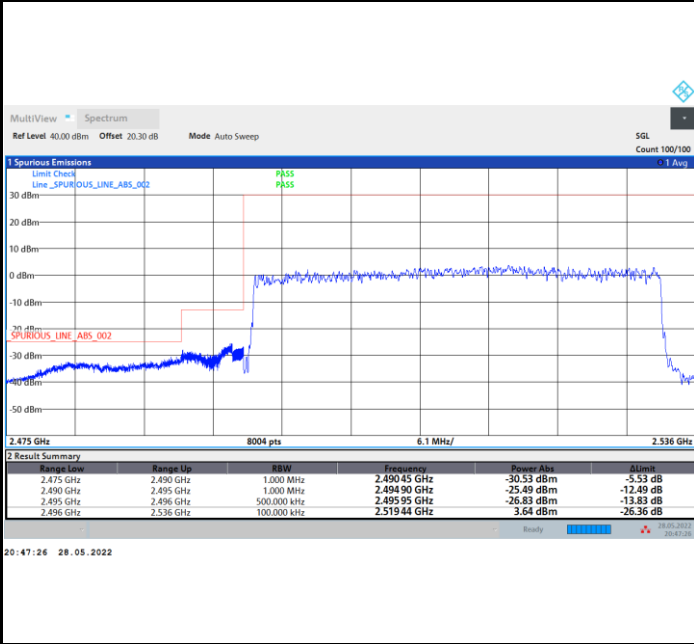




FR1 n41 / 40MHz / DFT-S OFDM / PI/2 BPSK / Full RB

Lowest Band Edge

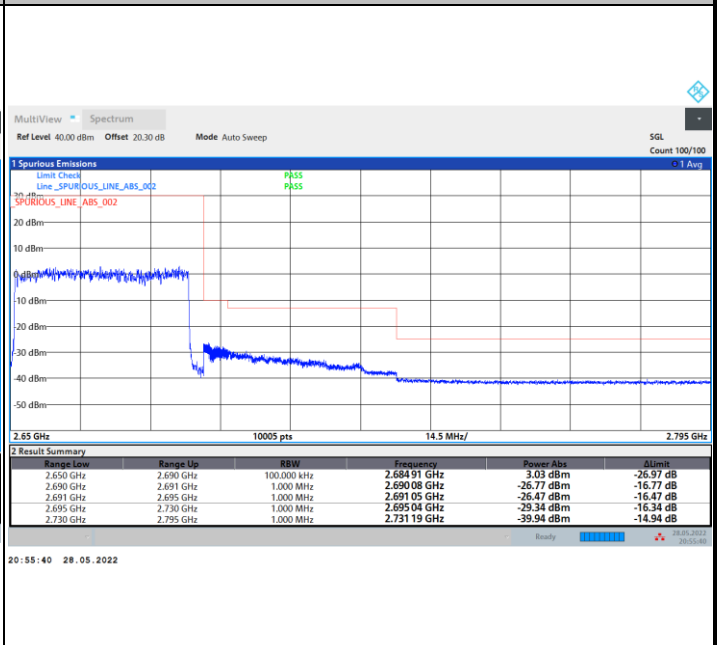
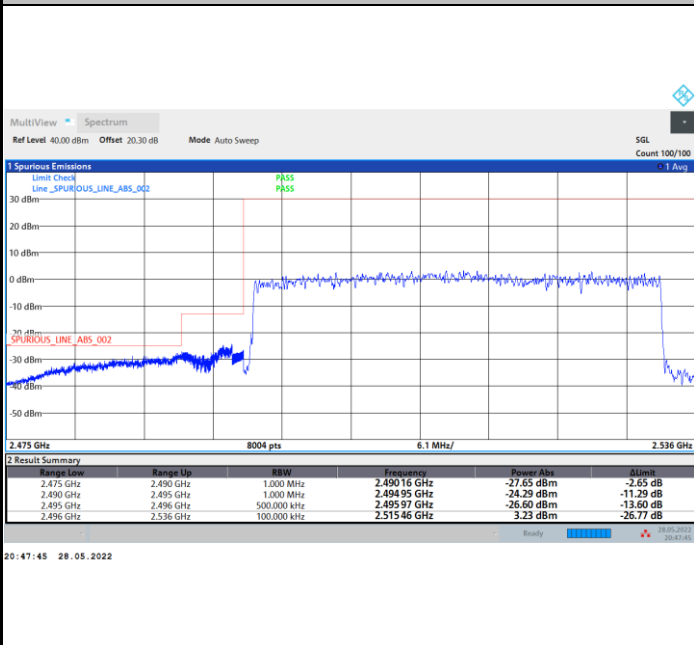
Highest Band Edge



FR1 n41 / 40MHz / DFT-S OFDM / QPSK / Full RB

Lowest Band Edge

Highest Band Edge

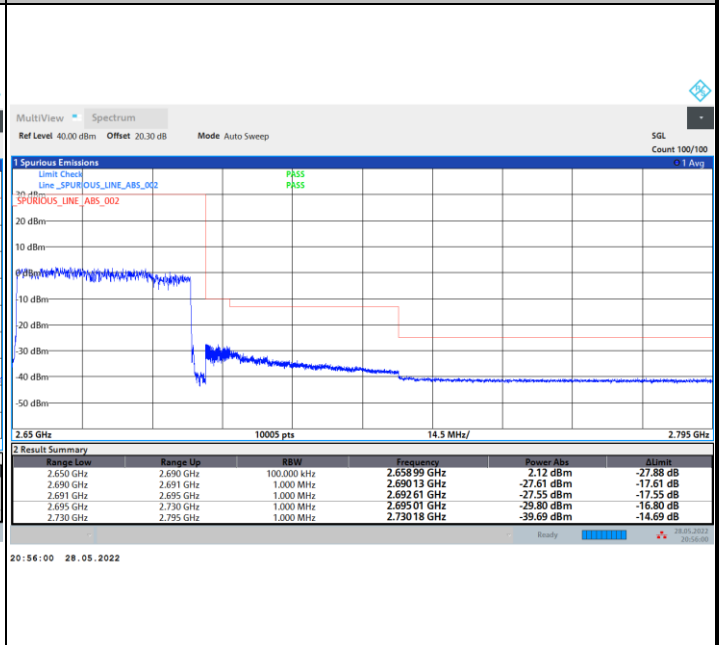
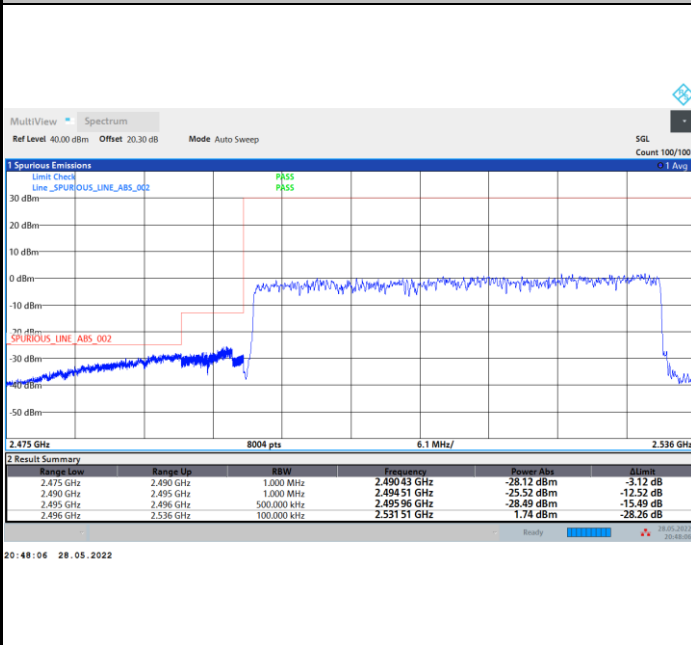




FR1 n41 / 40MHz / DFT-S OFDM / 16QAM / Full RB

Lowest Band Edge

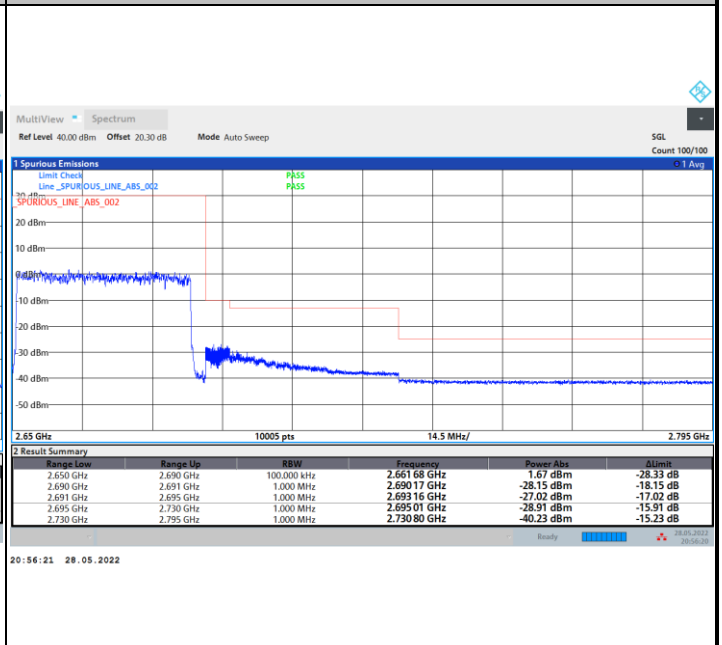
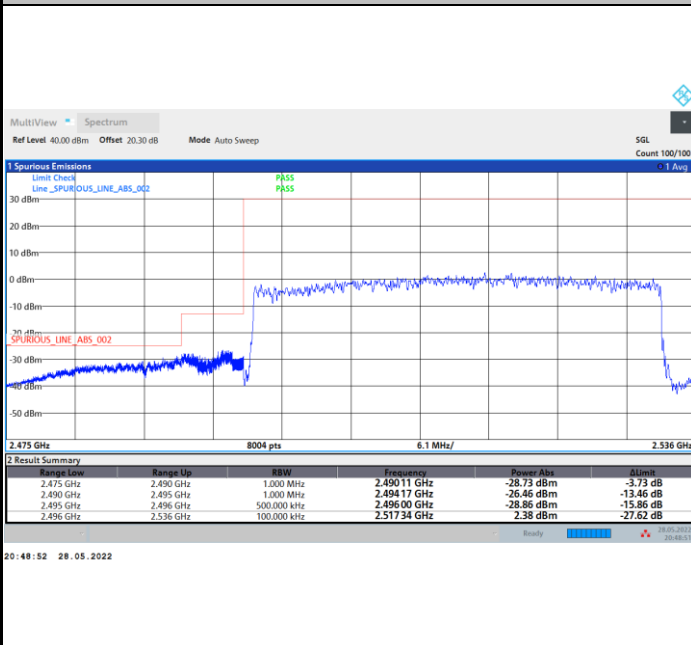
Highest Band Edge



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

Lowest Band Edge

Highest Band Edge

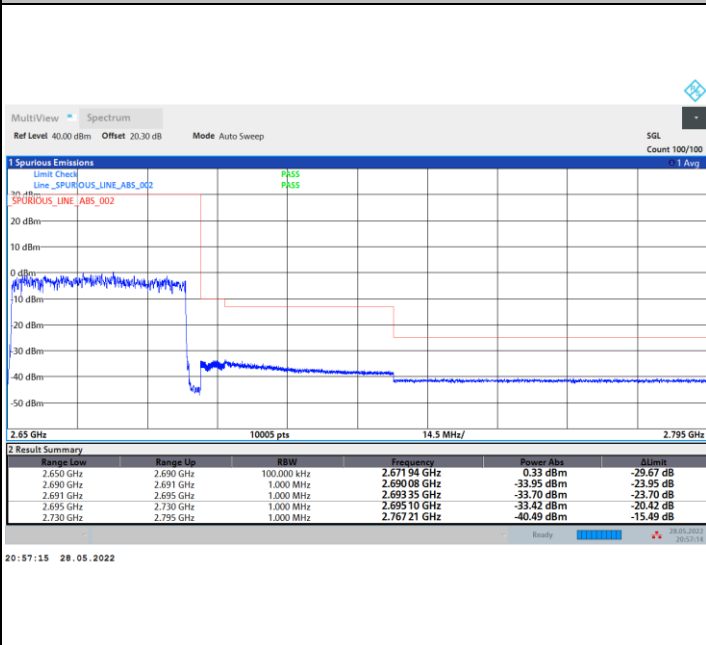
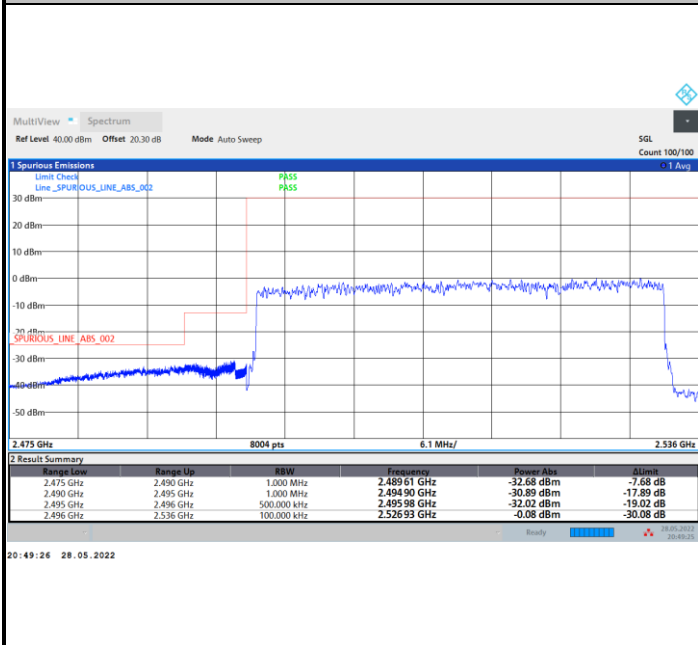




FR1 n41 / 40MHz / DFT-S OFDM / 256QAM / Full RB

Lowest Band Edge

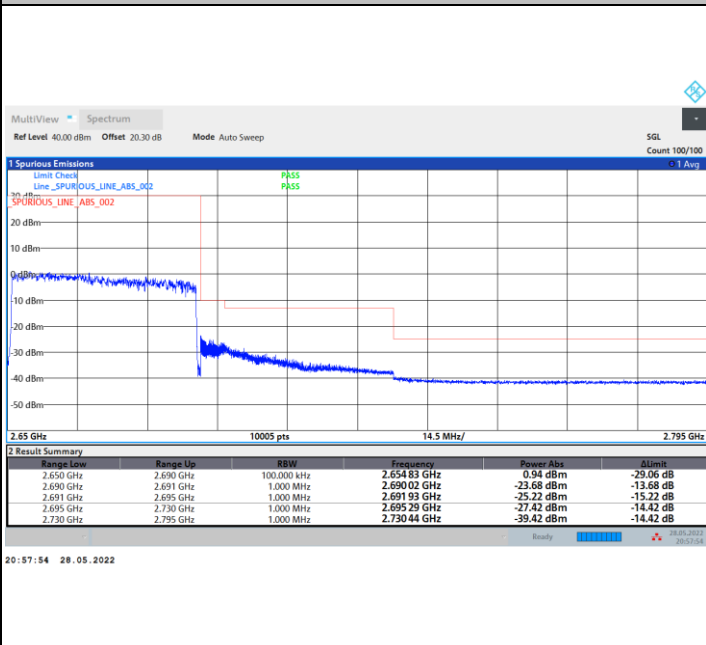
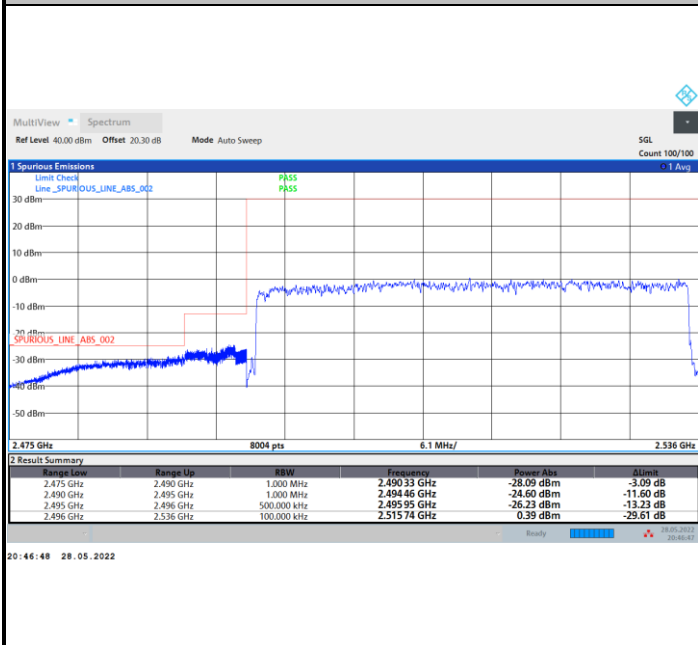
Highest Band Edge



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

Lowest Band Edge

Highest Band Edge

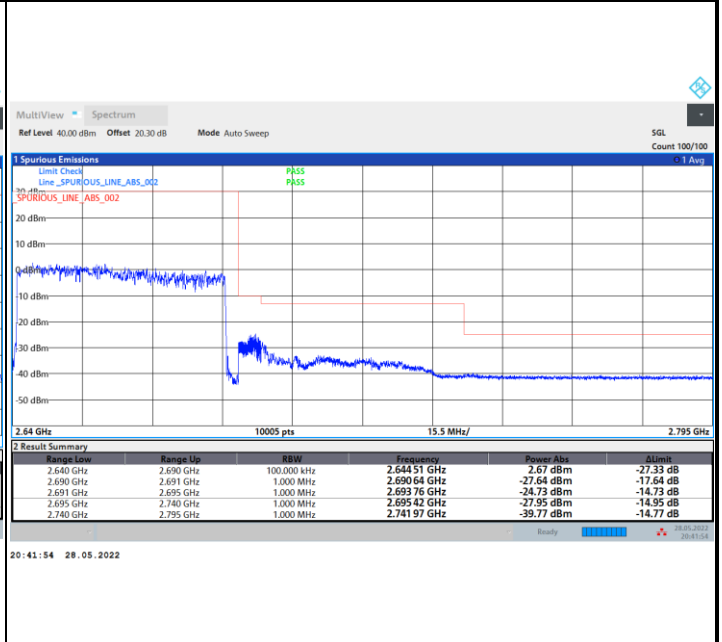
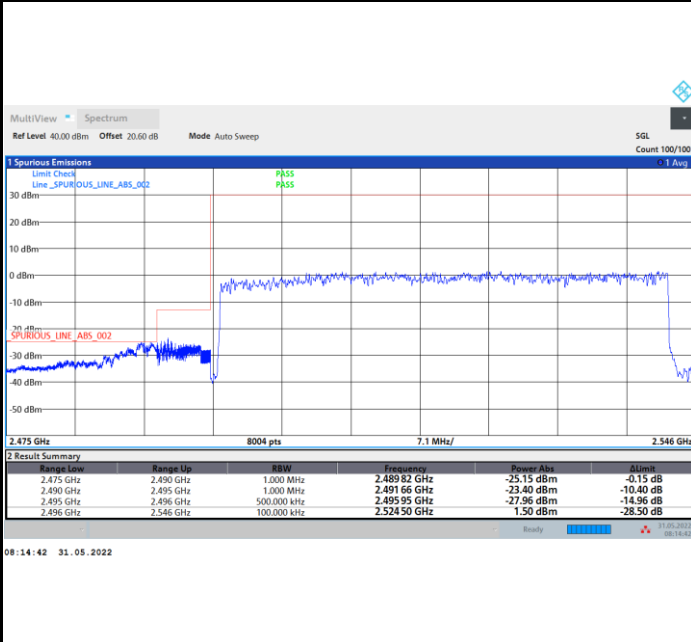




FR1 n41 / 50MHz / DFT-S OFDM / PI/2 BPSK / Full RB

Lowest Band Edge

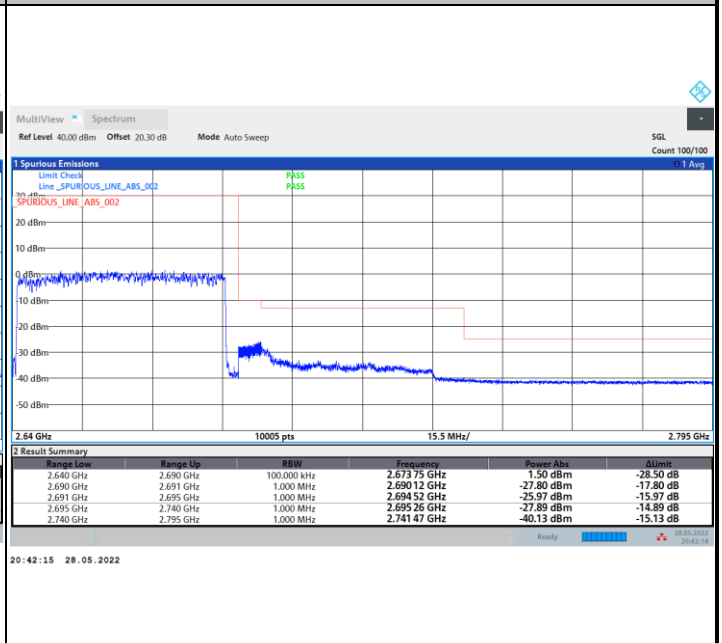
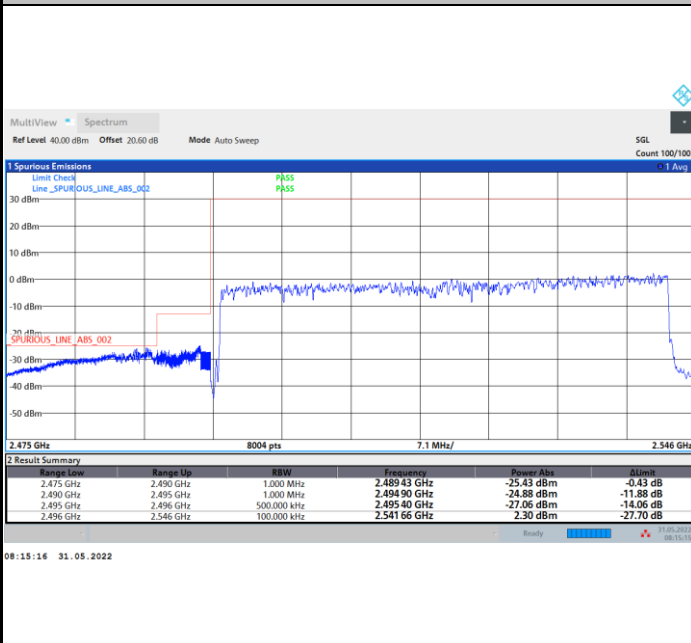
Highest Band Edge



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

Lowest Band Edge

Highest Band Edge

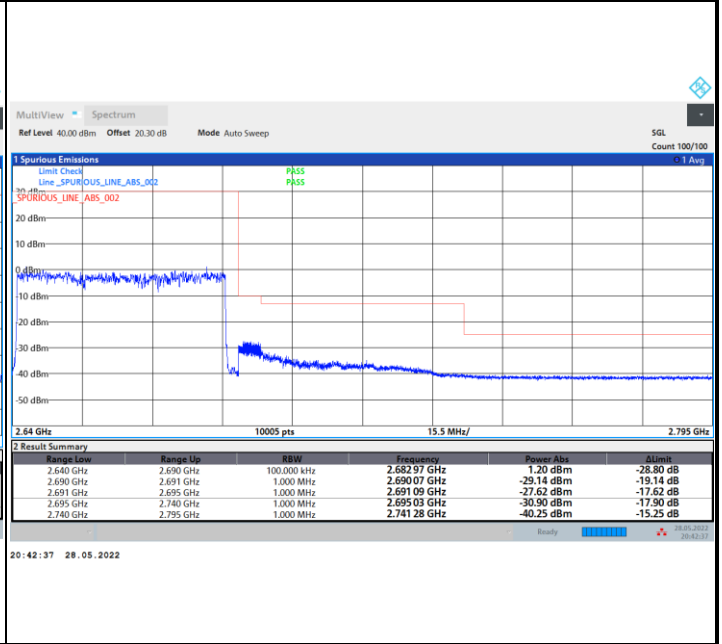
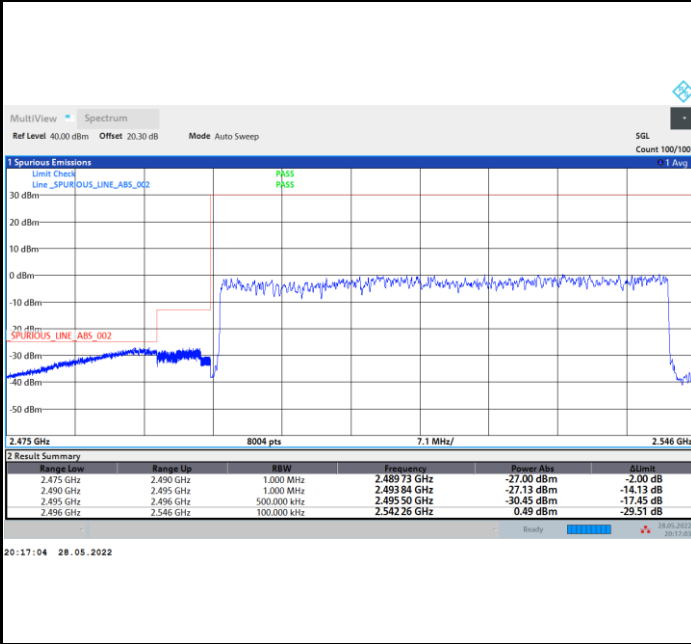




FR1 n41 / 50MHz / DFT-S OFDM / 16QAM / Full RB

Lowest Band Edge

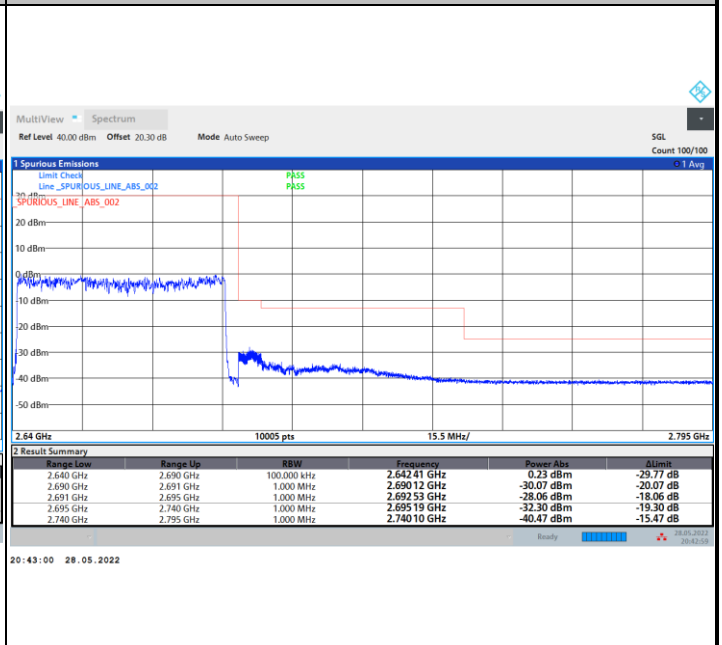
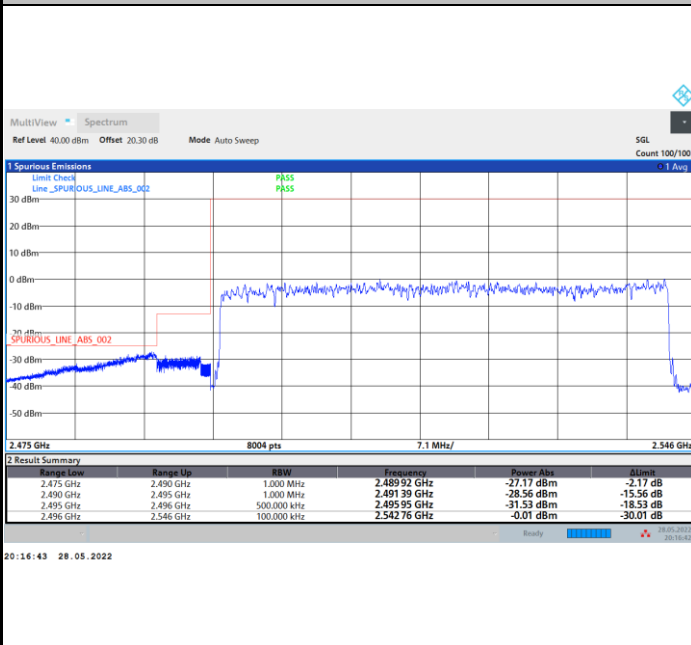
Highest Band Edge



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

Lowest Band Edge

Highest Band Edge

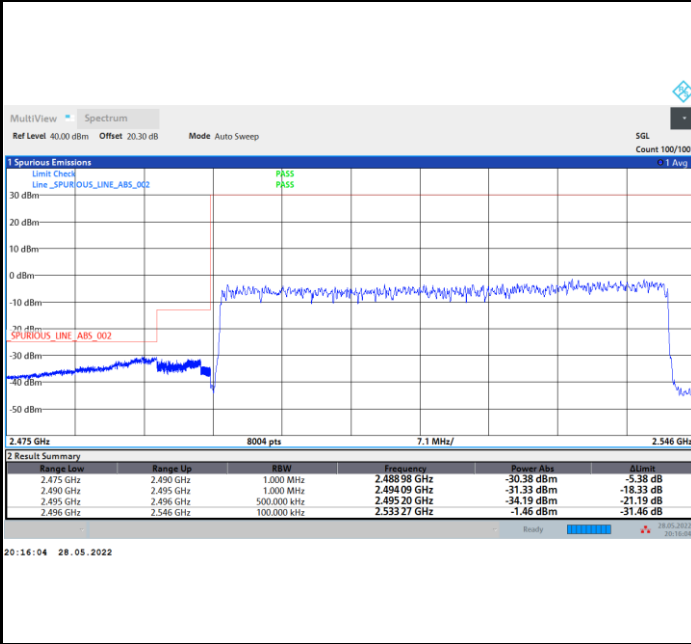




FR1 n41 / 50MHz / DFT-S OFDM / 256QAM / Full RB

Lowest Band Edge

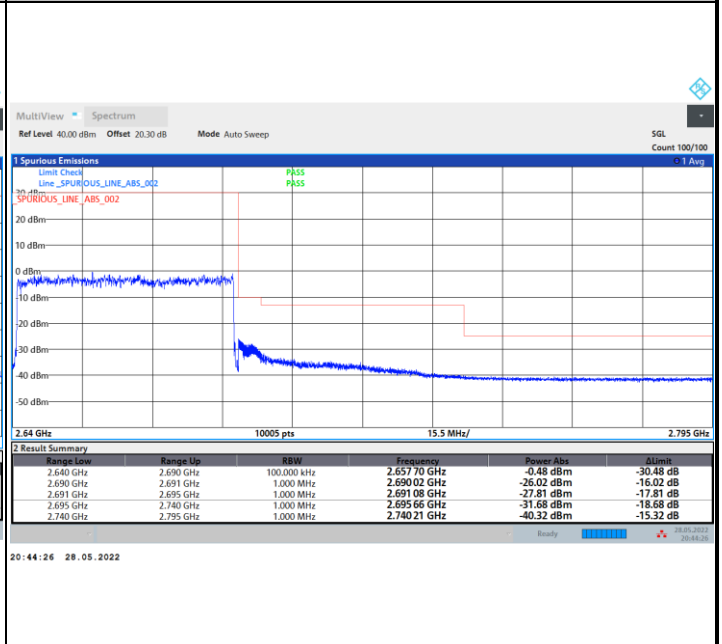
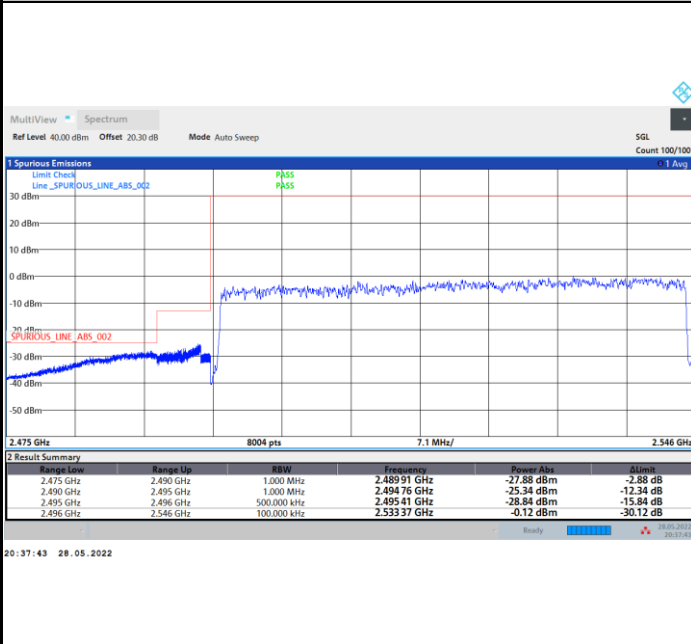
Highest Band Edge



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

Lowest Band Edge

Highest Band Edge

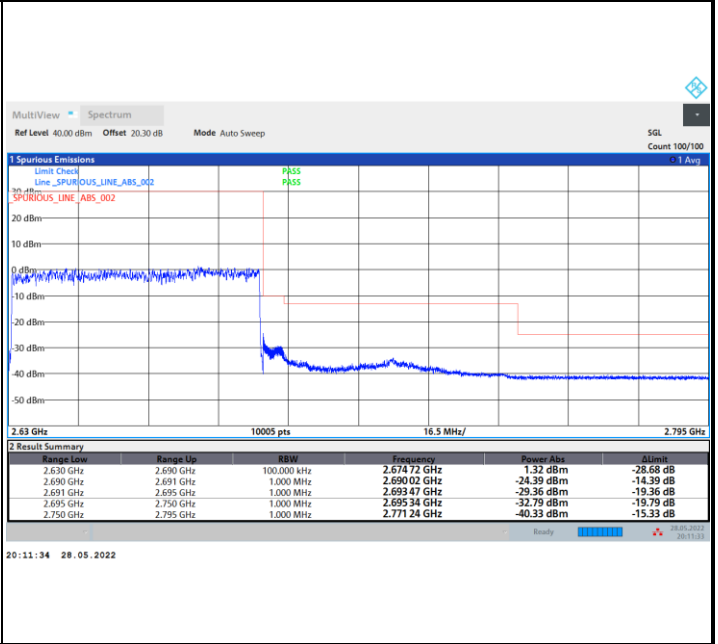
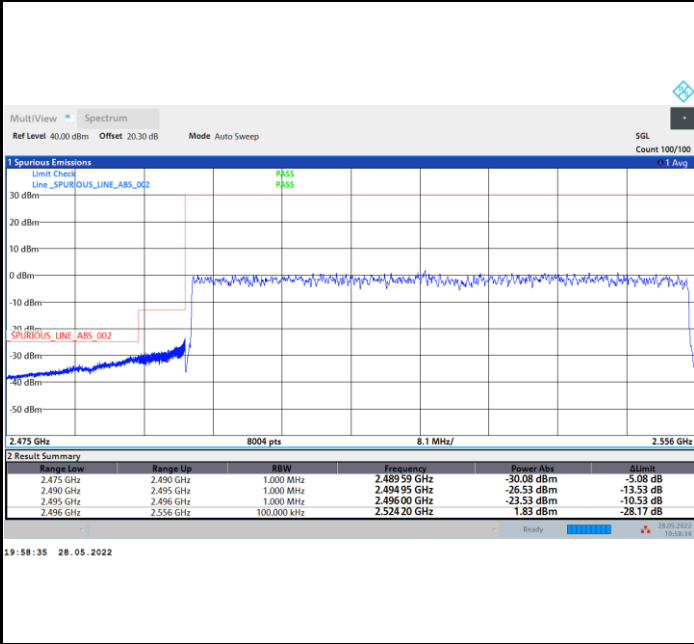




FR1 n41 / 60MHz / DFT-S OFDM / PI/2 BPSK / Full RB

Lowest Band Edge

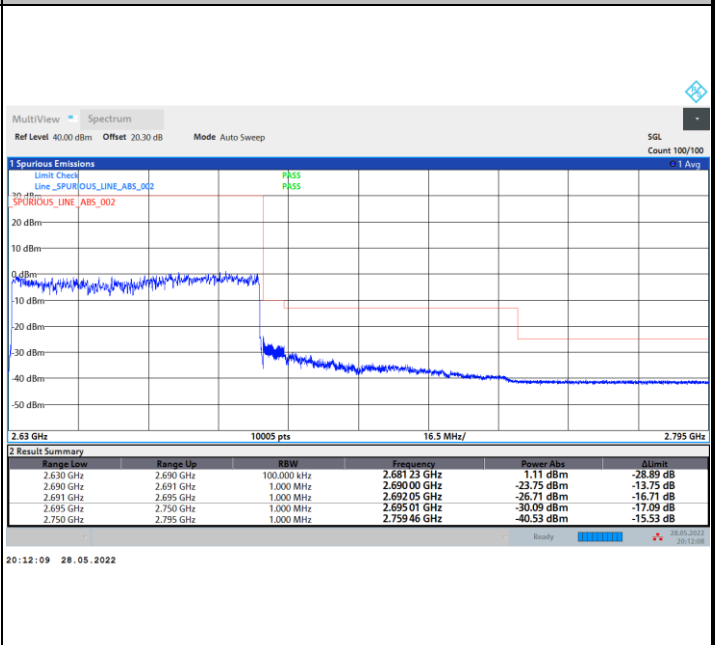
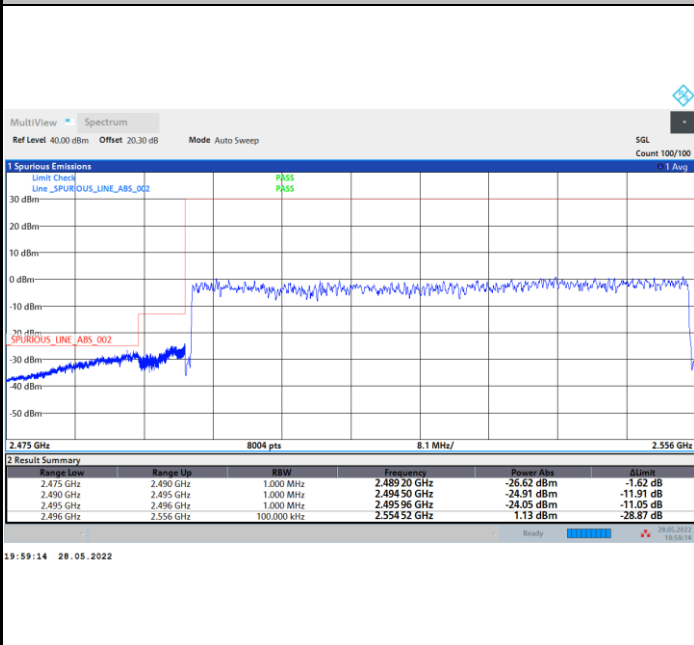
Highest Band Edge



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

Lowest Band Edge

Highest Band Edge

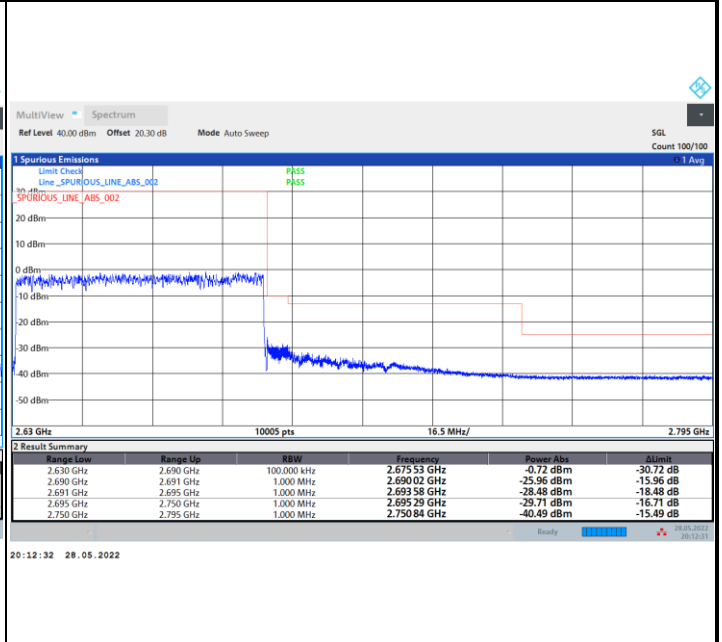
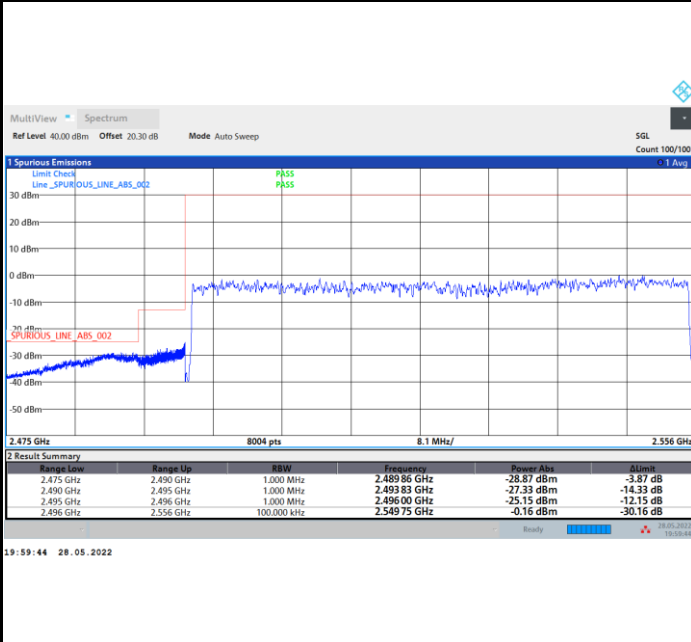




FR1 n41 / 60MHz / DFT-S OFDM / 16QAM / Full RB

Lowest Band Edge

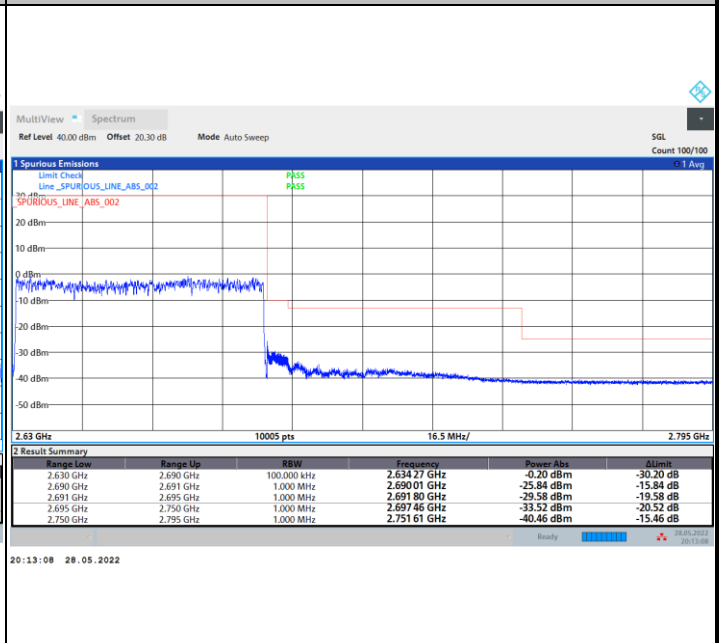
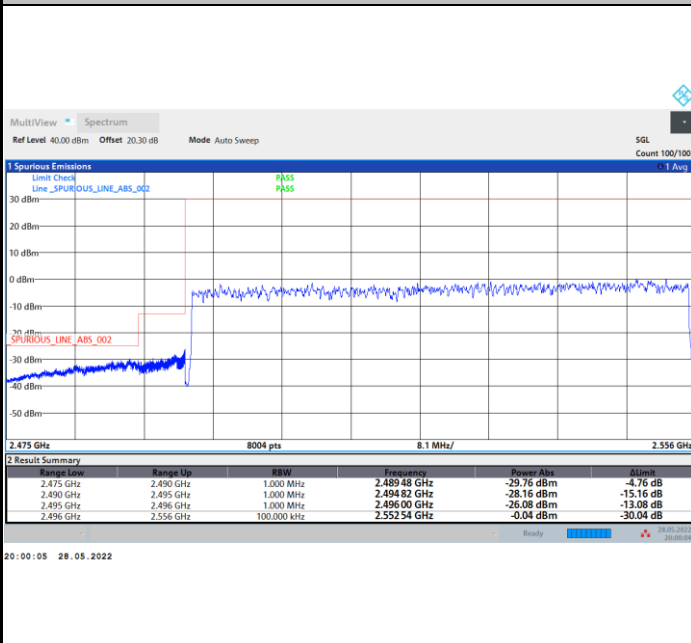
Highest Band Edge



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

Lowest Band Edge

Highest Band Edge



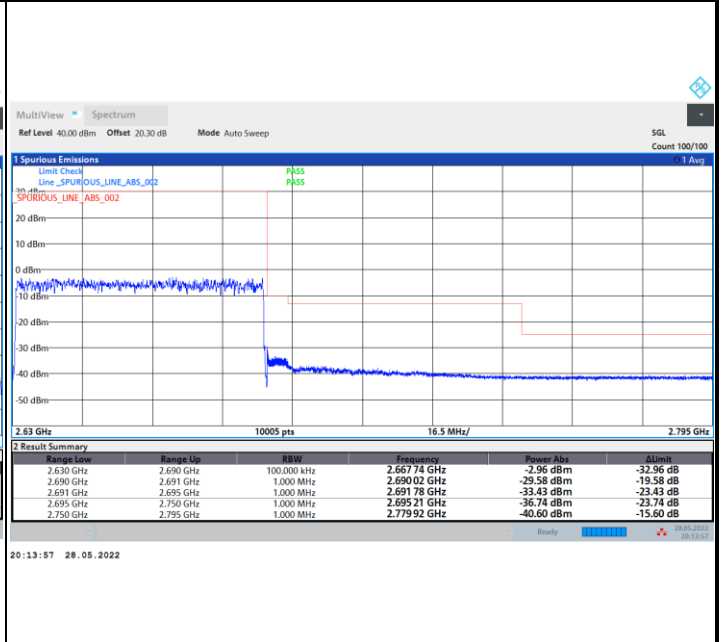
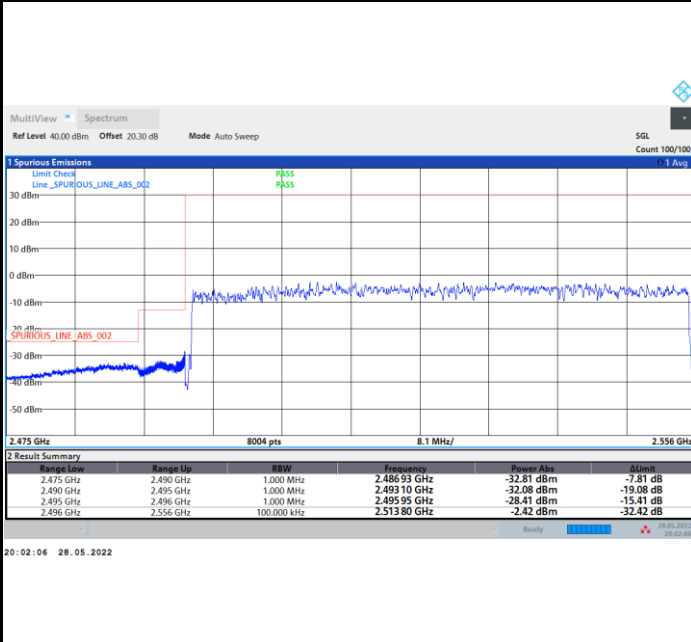




FR1 n41 / 60MHz / DFT-S OFDM / 256QAM / Full RB

Lowest Band Edge

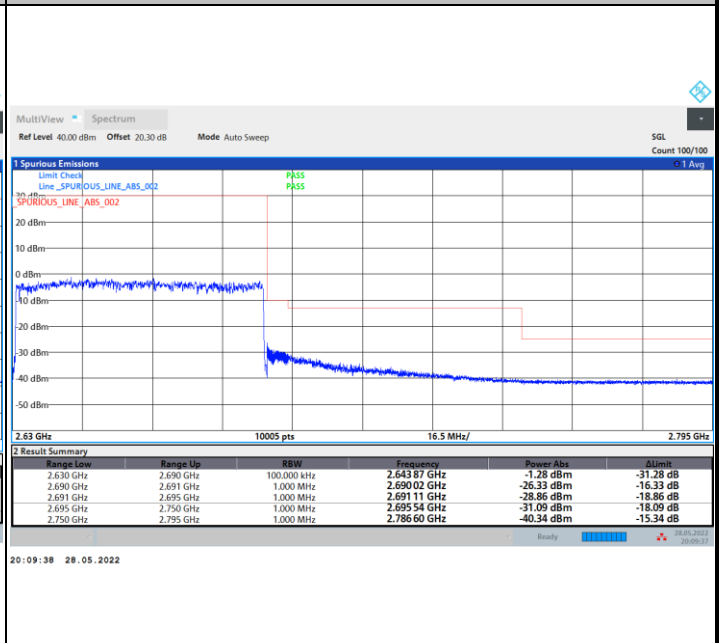
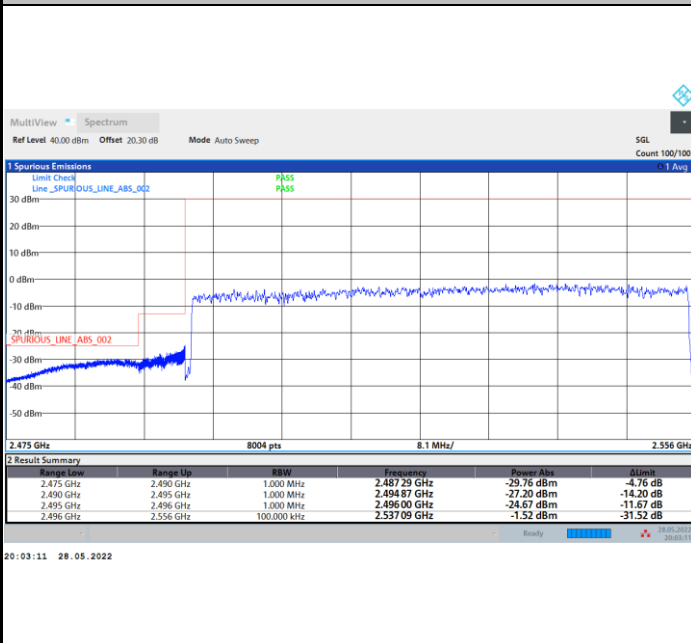
Highest Band Edge



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

Lowest Band Edge

Highest Band Edge

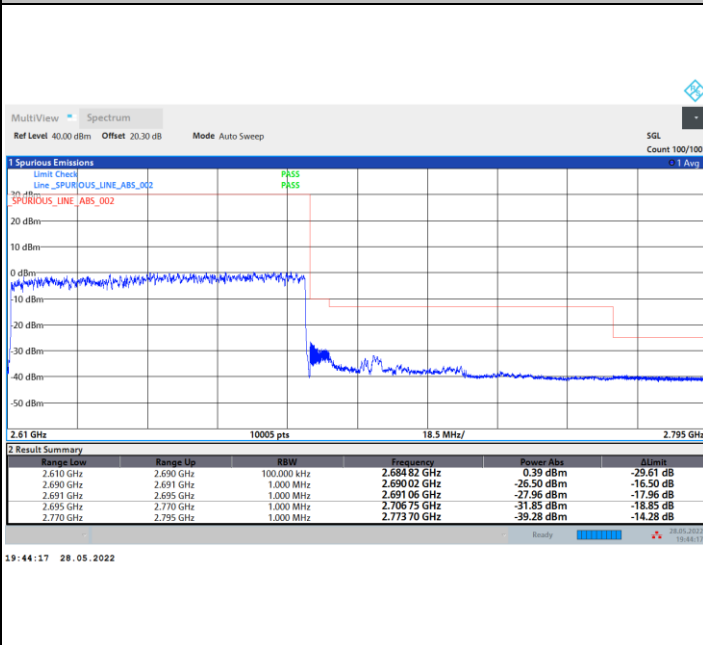
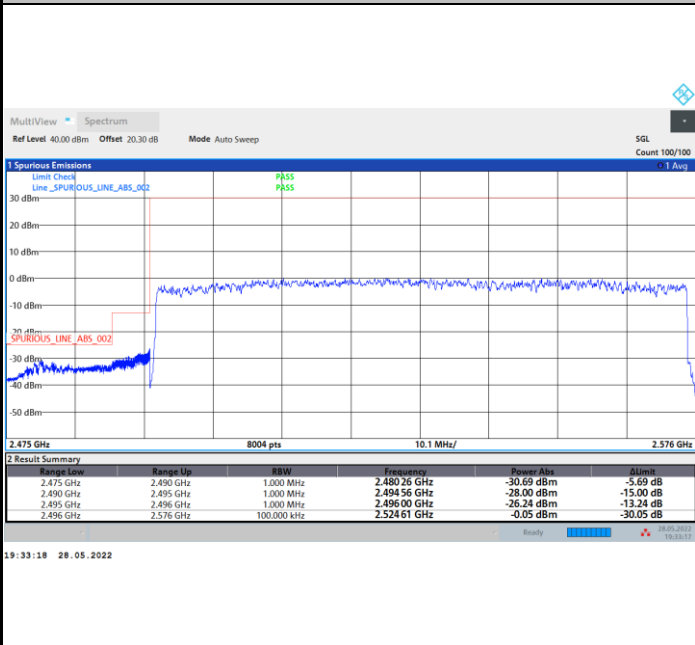




FR1 n41 / 80MHz / DFT-S OFDM / PI/2 BPSK / Full RB

Lowest Band Edge

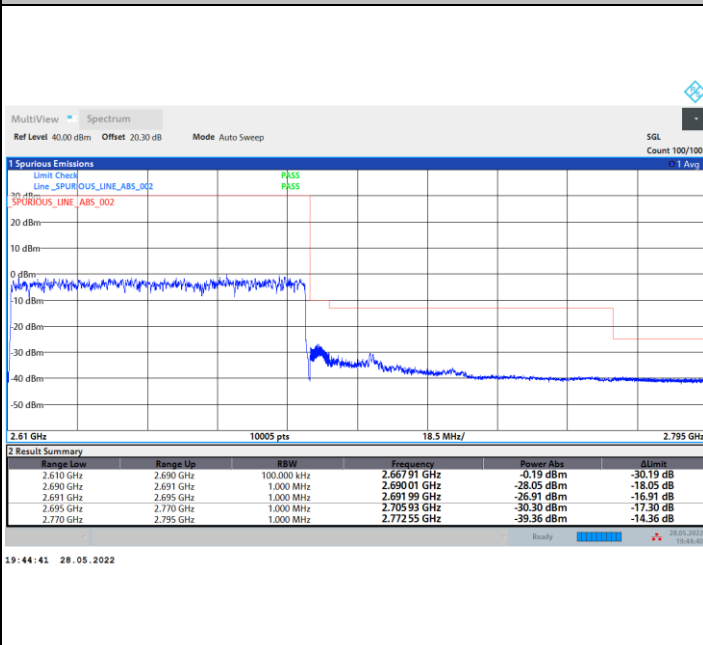
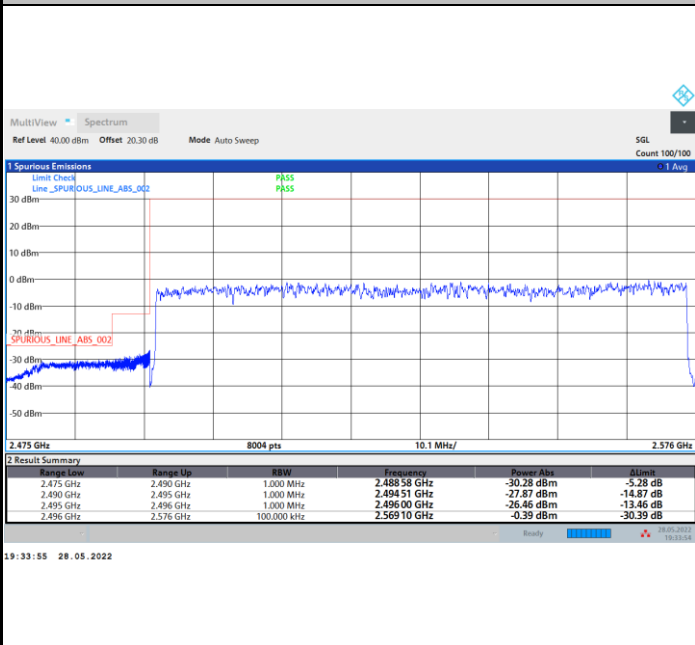
Highest Band Edge



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

Lowest Band Edge

Highest Band Edge

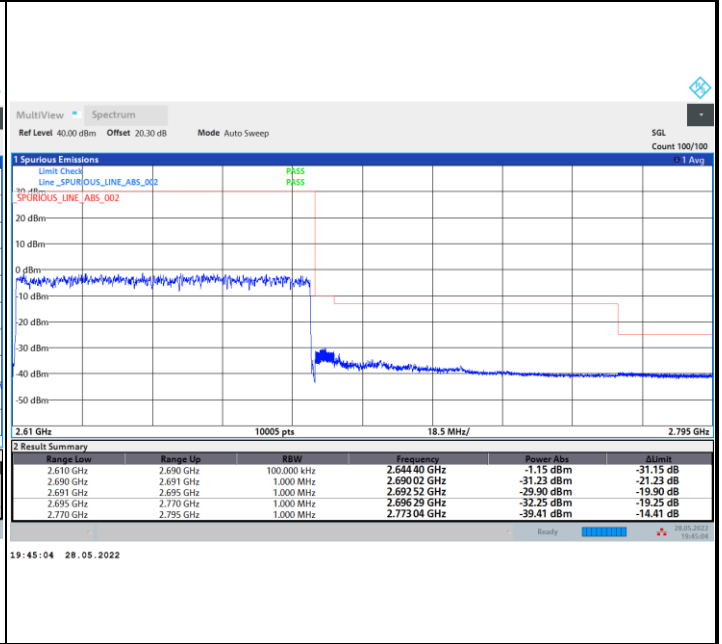
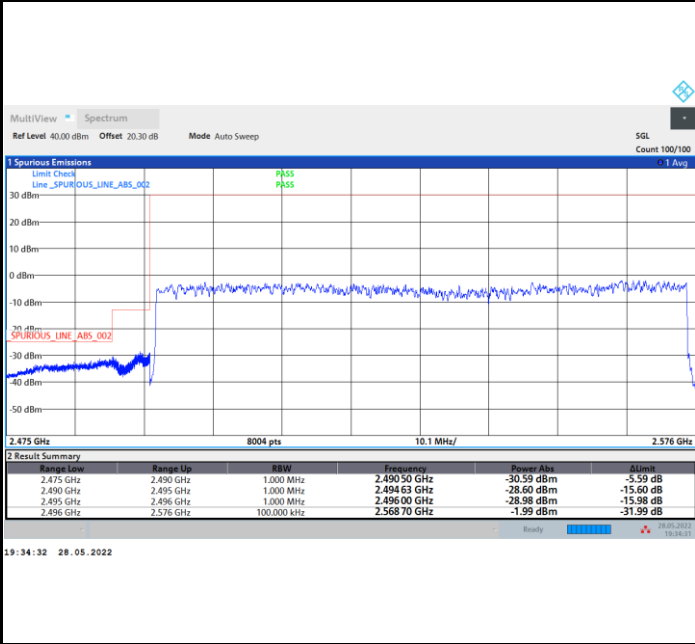




FR1 n41 / 80MHz / DFT-S OFDM / 16QAM / Full RB

Lowest Band Edge

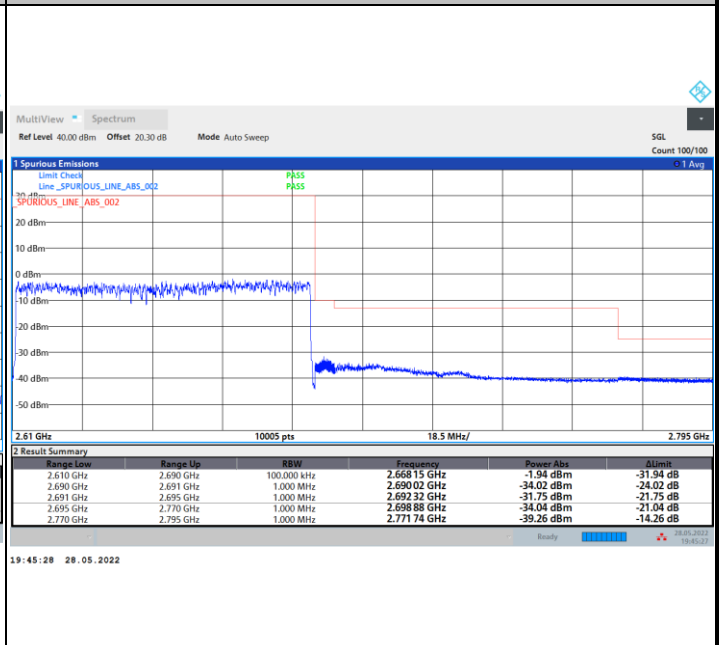
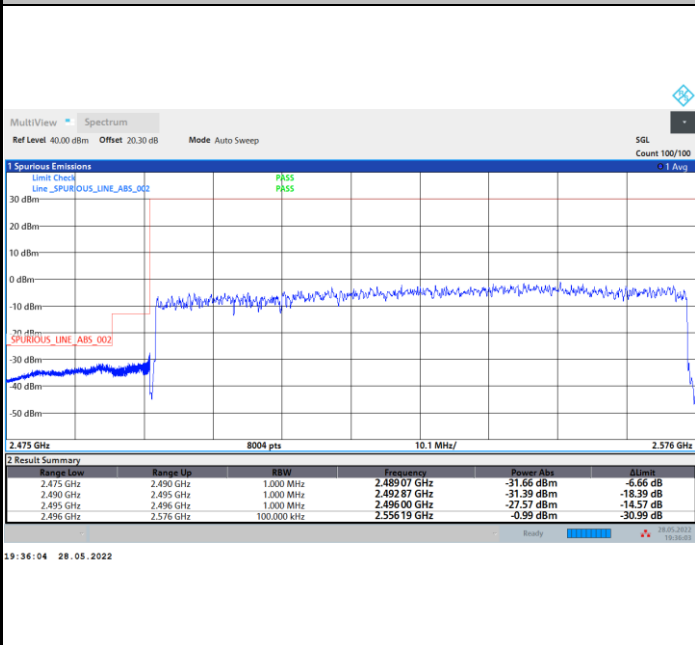
Highest Band Edge



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

Lowest Band Edge

Highest Band Edge

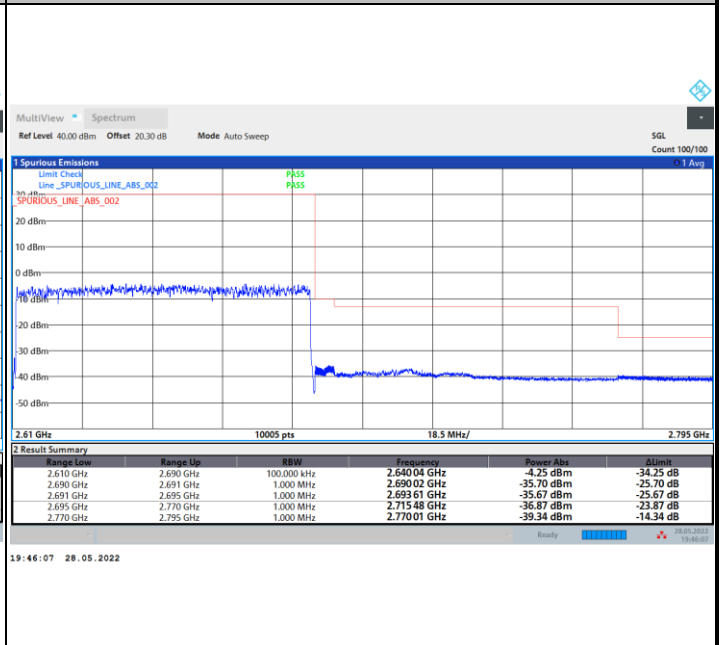
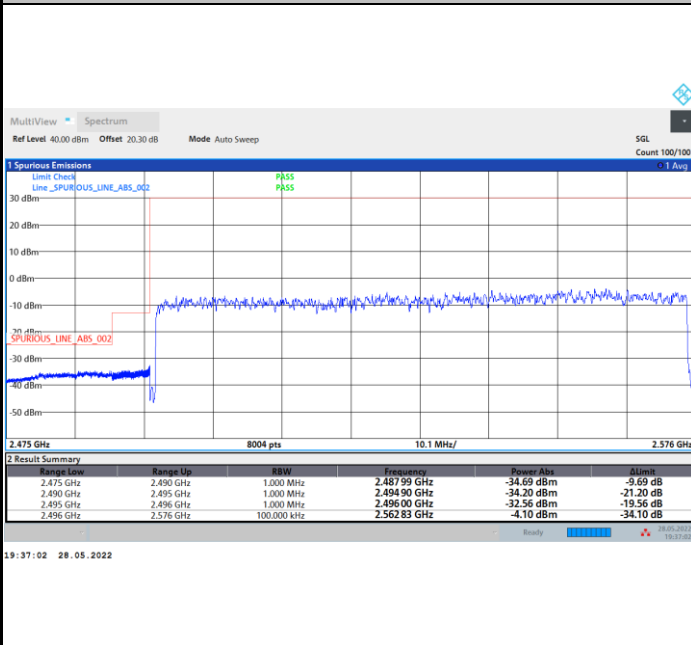




FR1 n41 / 80MHz / DFT-S OFDM / 256QAM / Full RB

Lowest Band Edge

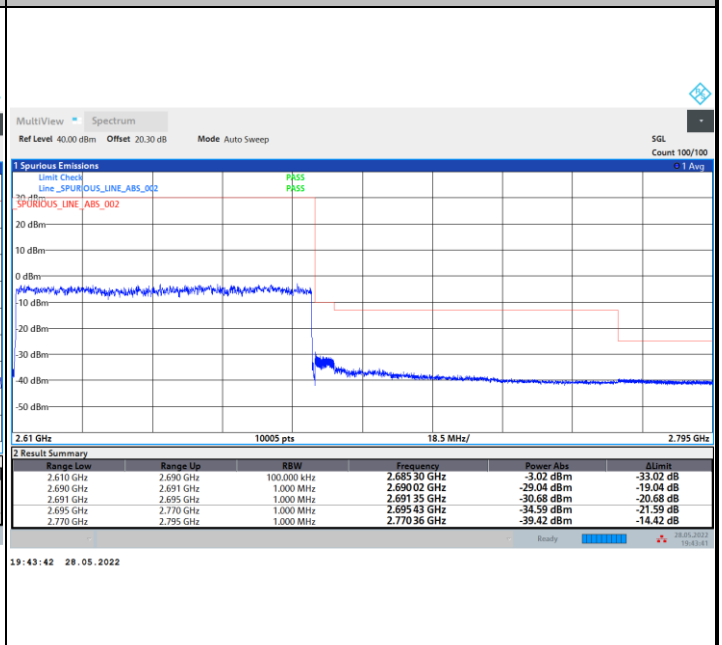
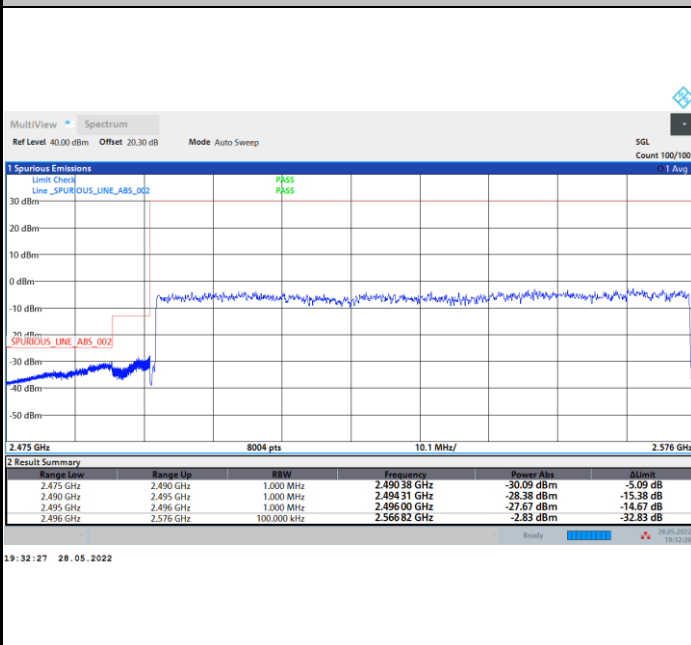
Highest Band Edge



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

Lowest Band Edge

Highest Band Edge

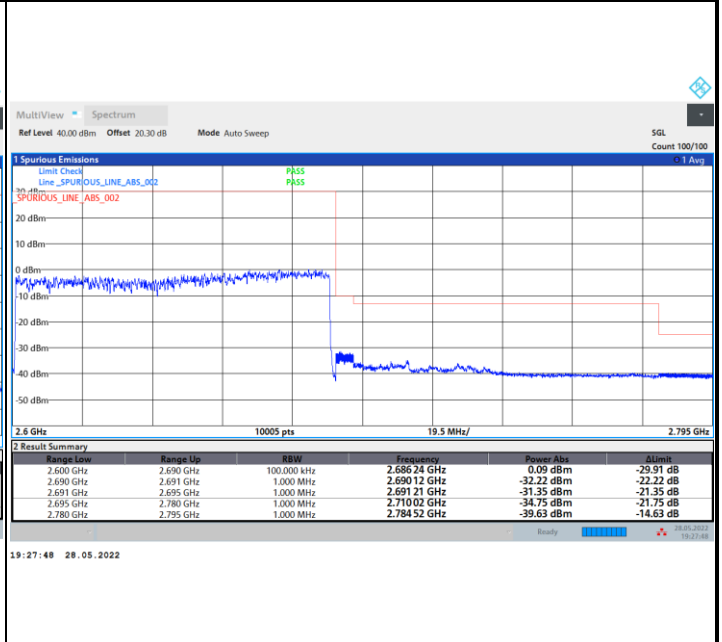
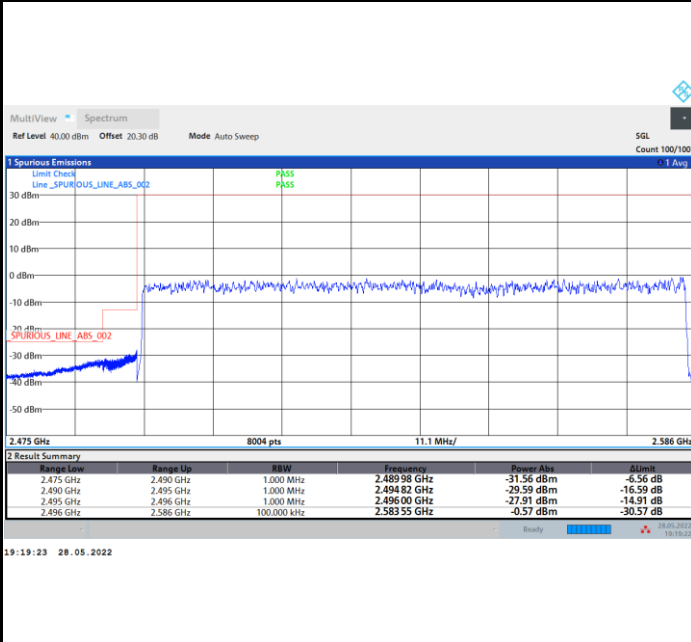




FR1 n41 / 90MHz / DFT-S OFDM / PI/2 BPSK / Full RB

Lowest Band Edge

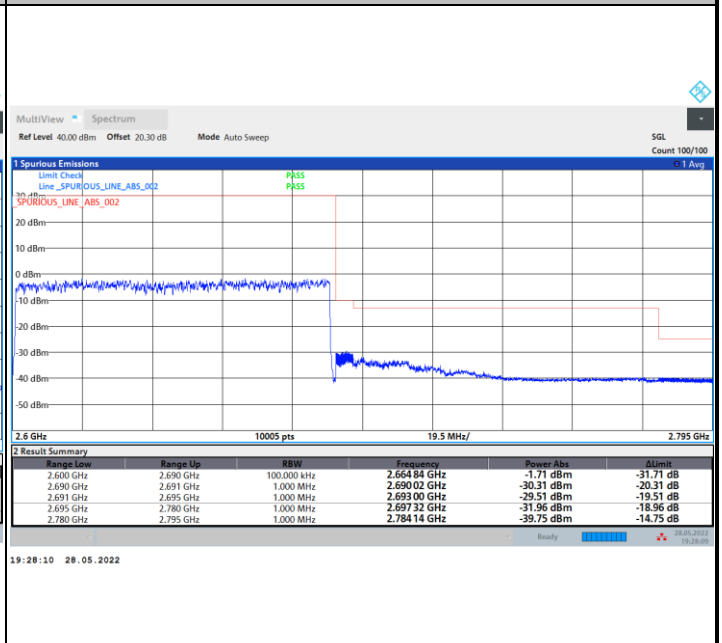
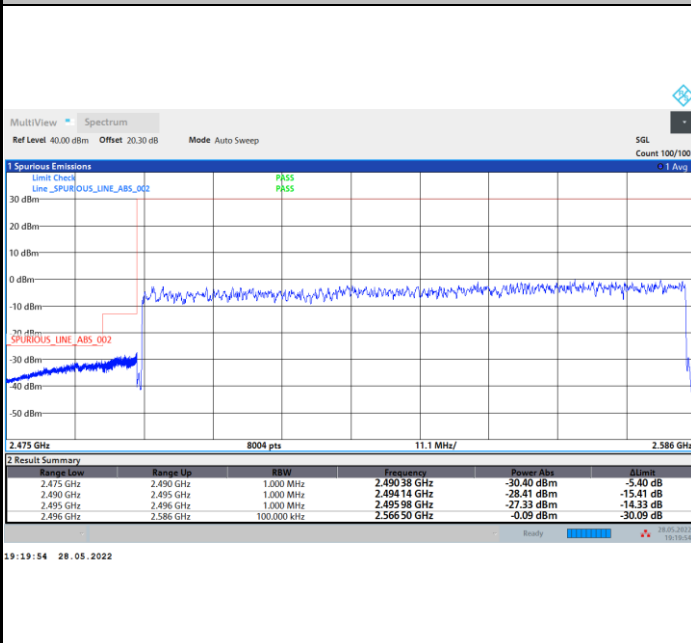
Highest Band Edge



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

Lowest Band Edge

Highest Band Edge

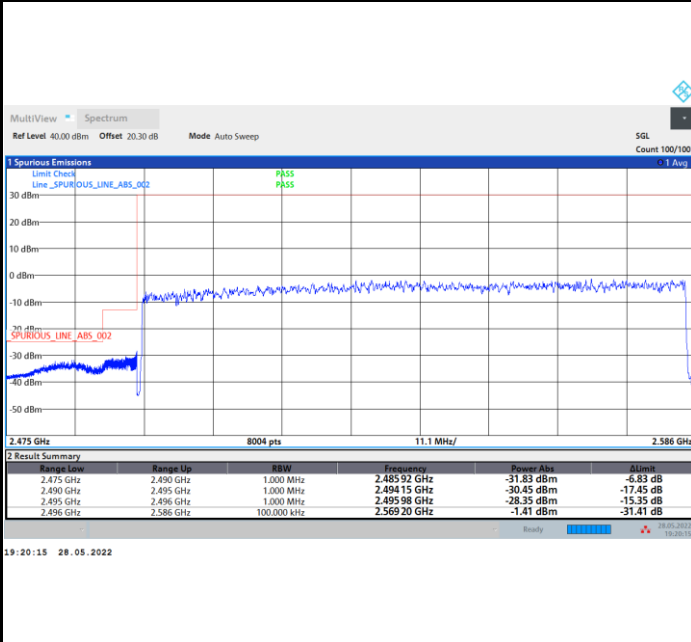




FR1 n41 / 90MHz / DFT-S OFDM / 16QAM / Full RB

Lowest Band Edge

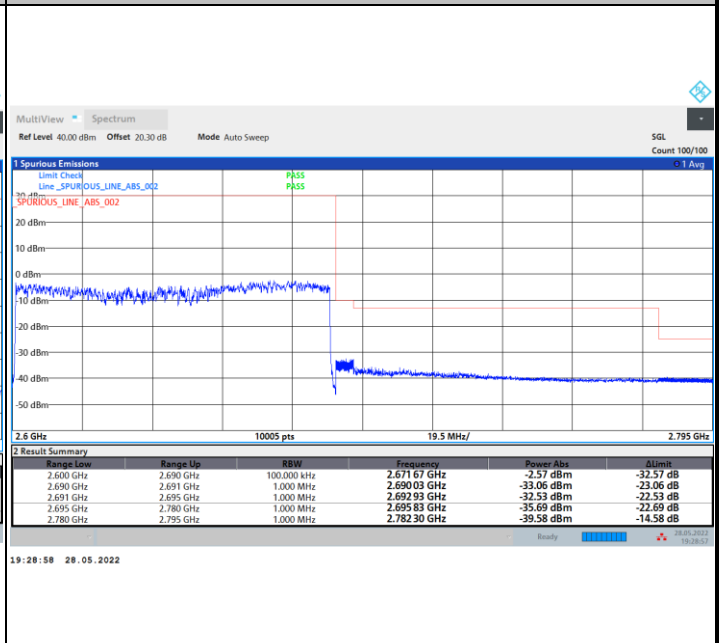
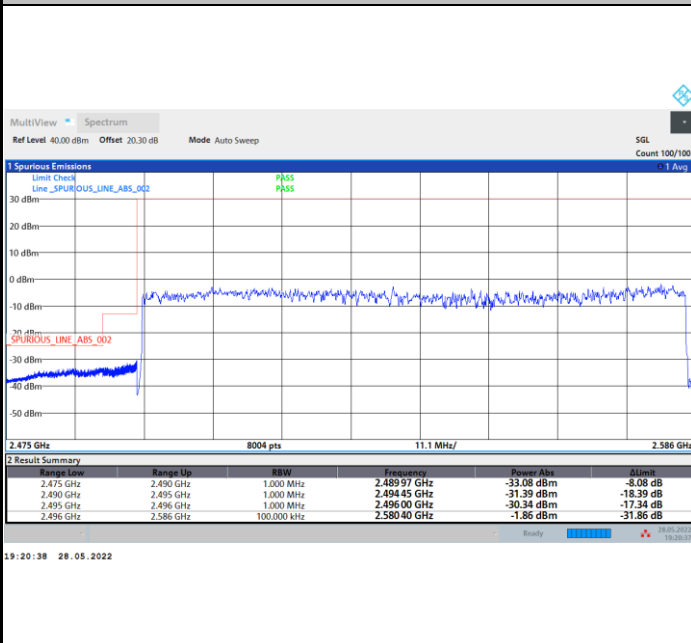
Highest Band Edge



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

Lowest Band Edge

Highest Band Edge

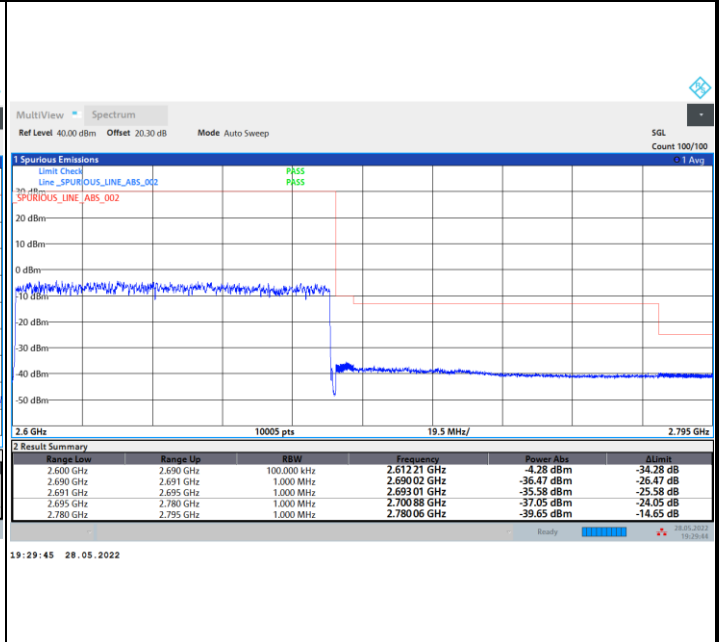
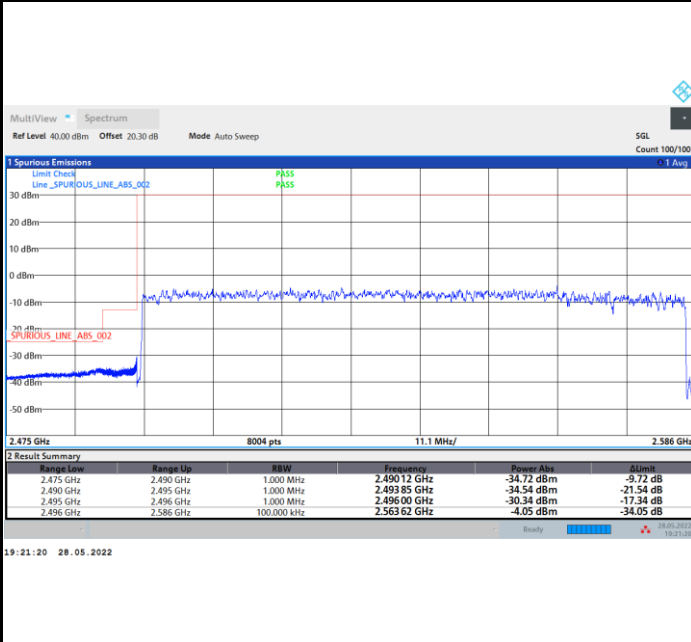




FR1 n41 / 90MHz / DFT-S OFDM / 256QAM / Full RB

Lowest Band Edge

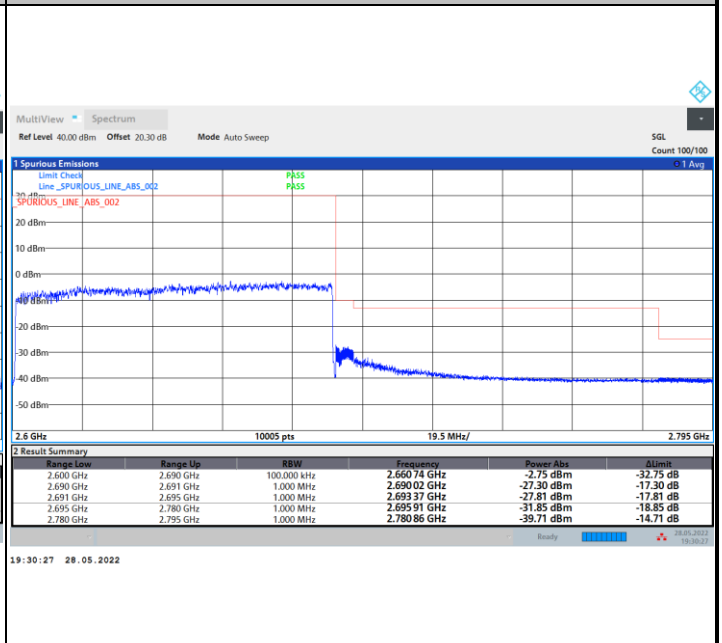
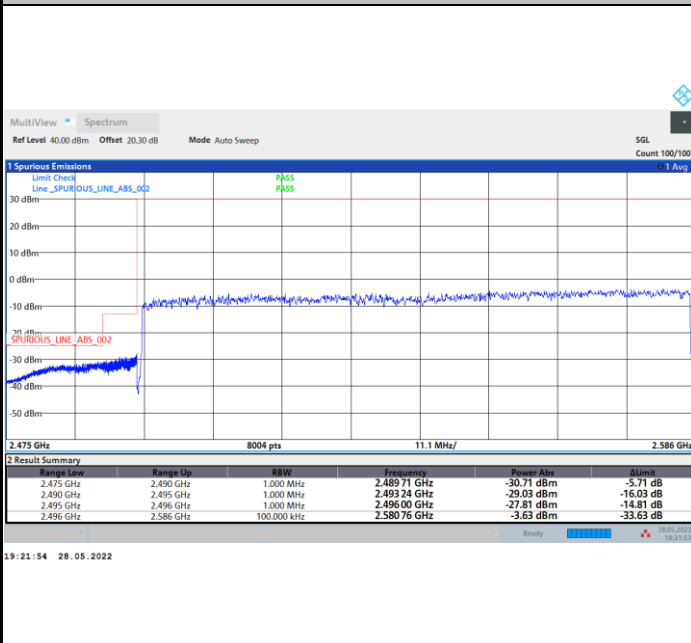
Highest Band Edge



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

Lowest Band Edge

Highest Band Edge

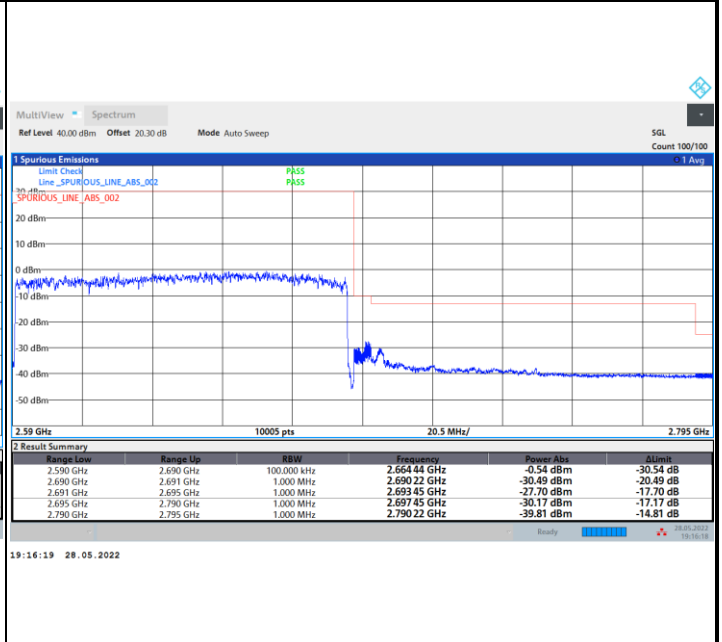
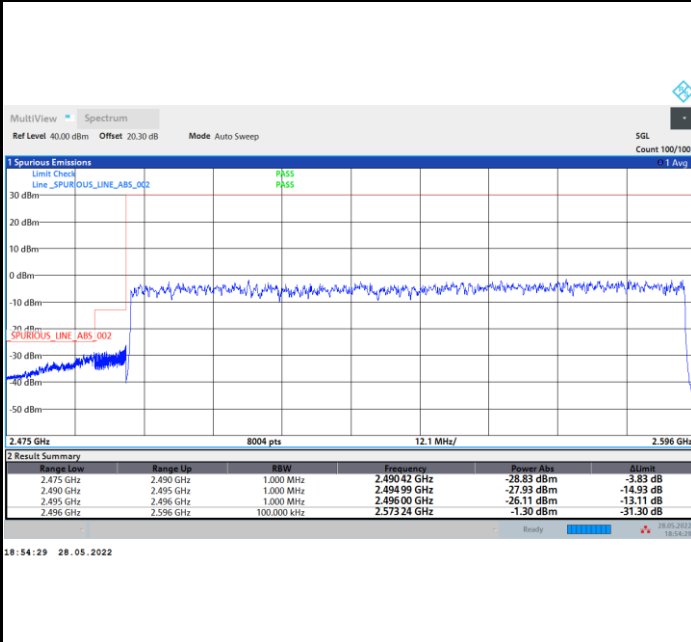




FR1 n41 / 100MHz / DFT-S OFDM / PI/2 BPSK / Full RB

Lowest Band Edge

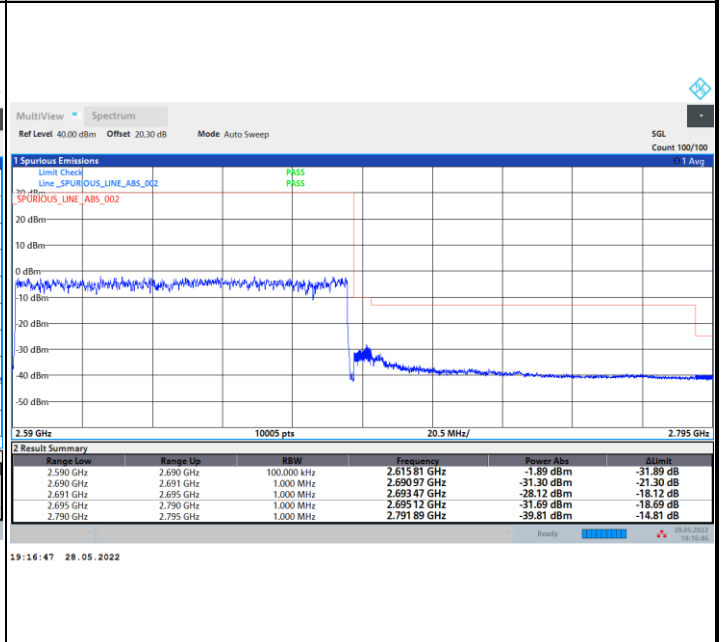
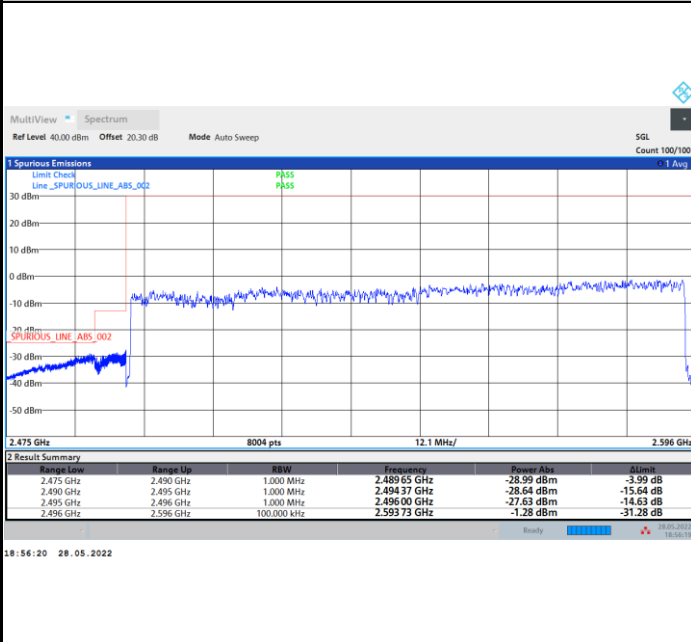
Highest Band Edge



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

Lowest Band Edge

Highest Band Edge



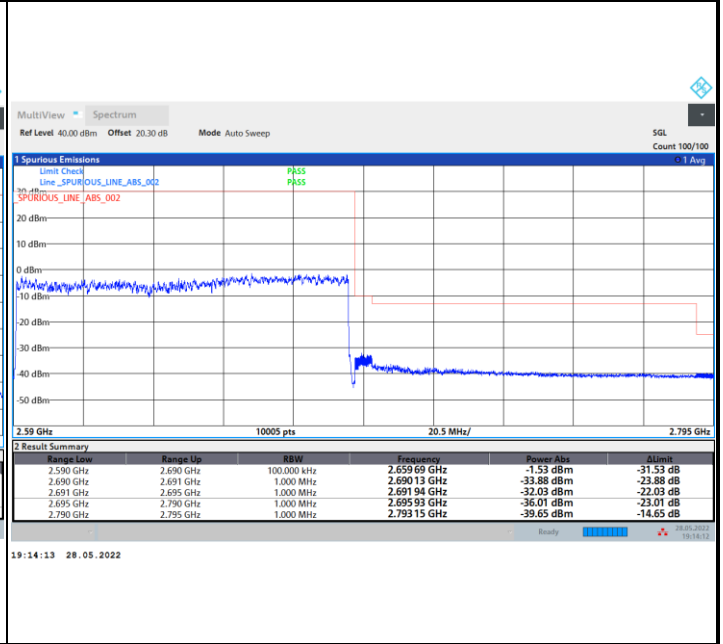
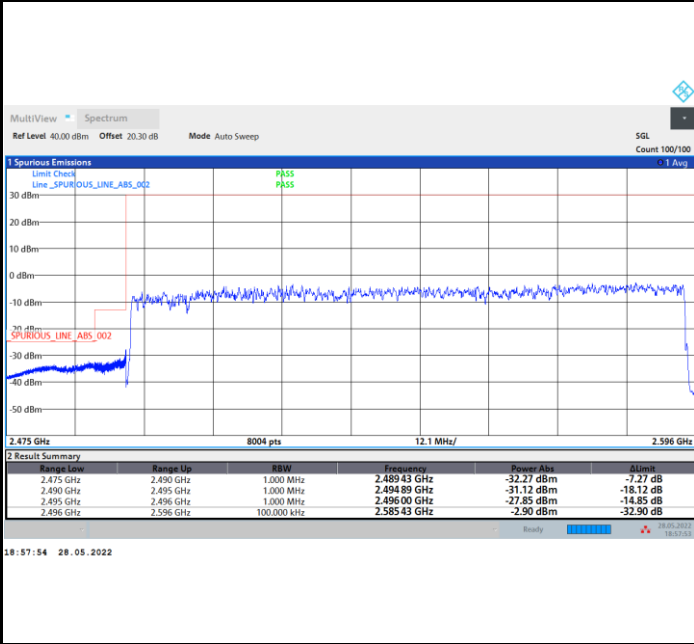




FR1 n41 / 100MHz / DFT-S OFDM / 16QAM / Full RB

Lowest Band Edge

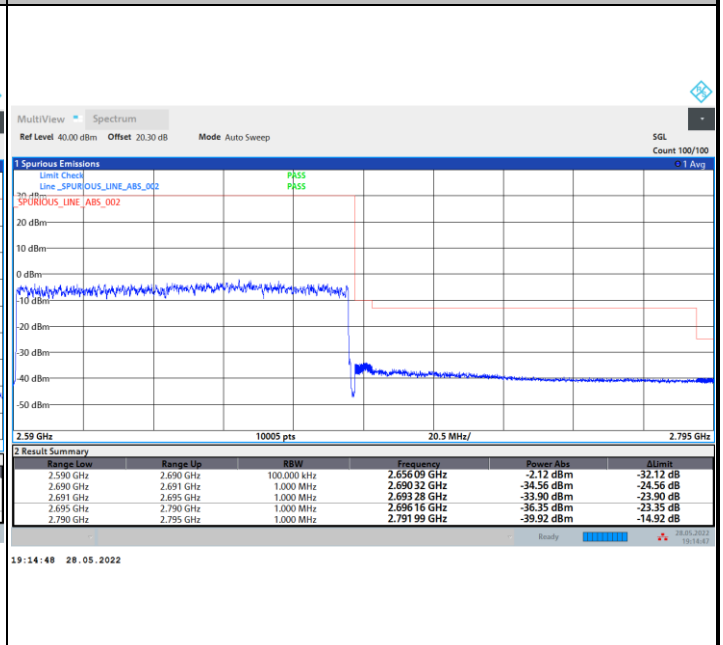
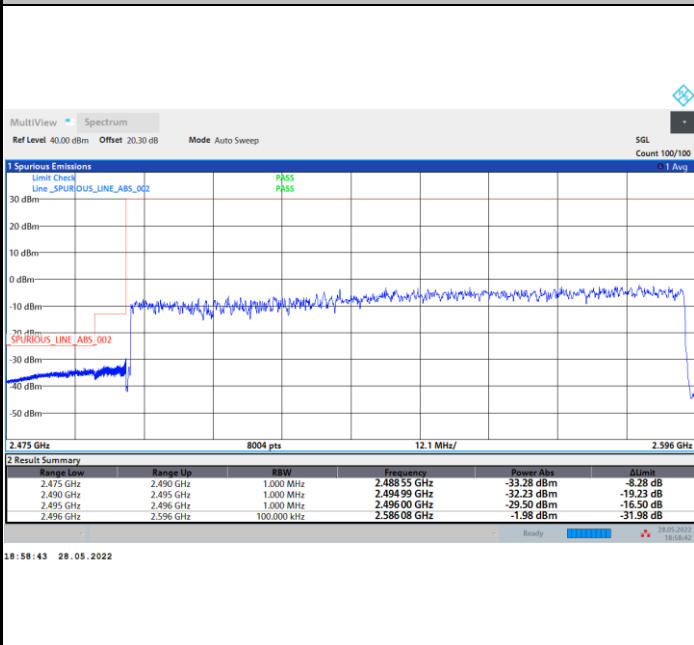
Highest Band Edge



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

Lowest Band Edge

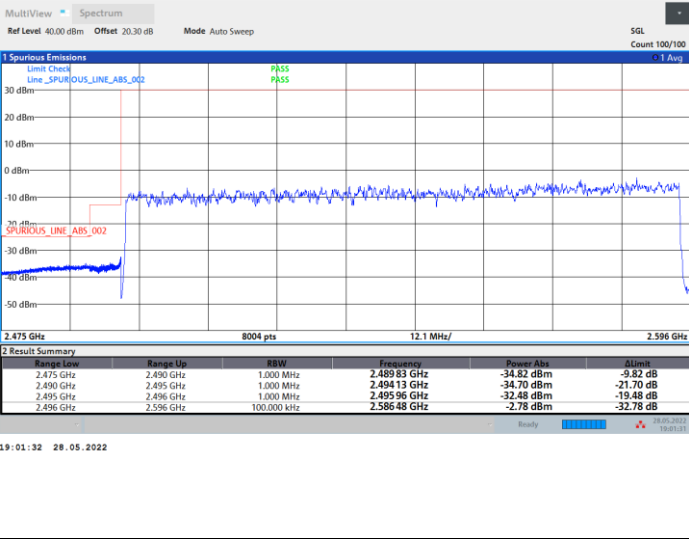
Highest Band Edge



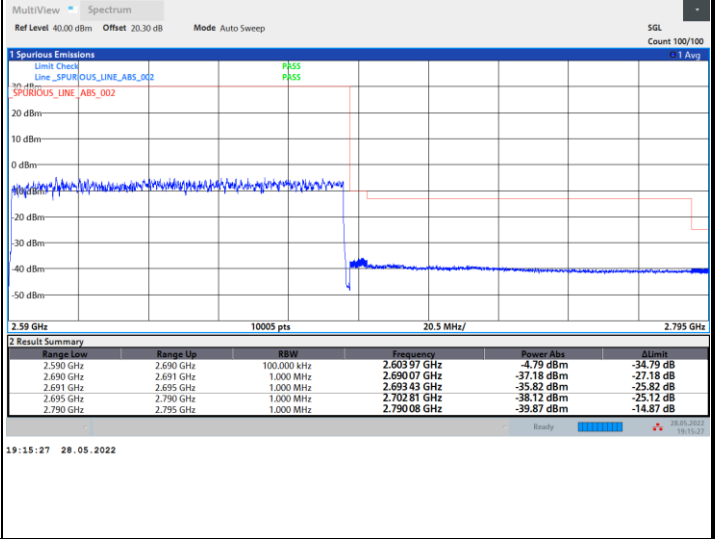


FR1 n41 / 100MHz / DFT-S OFDM / 256QAM / Full RB

Lowest Band Edge / Full RB

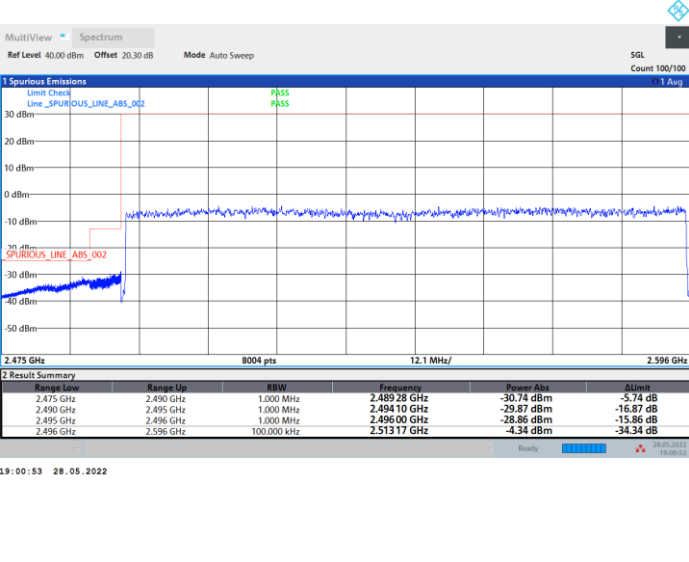


Highest Band Edge / Full RB

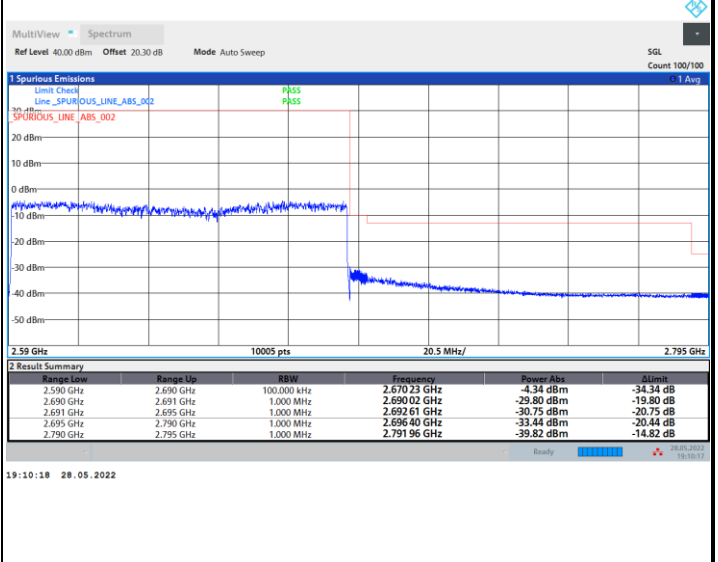


FR1 n41 / 100MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge



Highest Band Edge



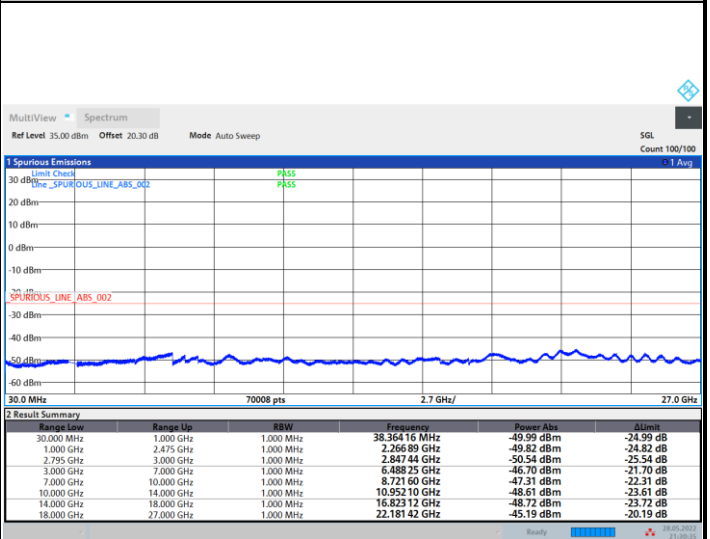
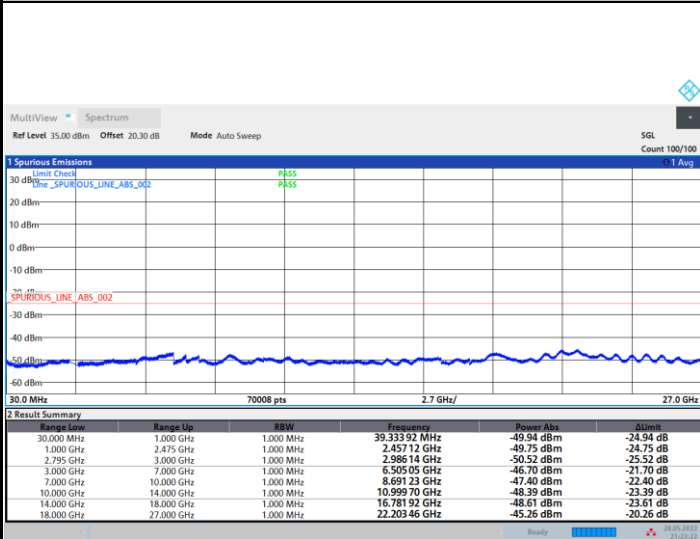


# Conducted Spurious Emission

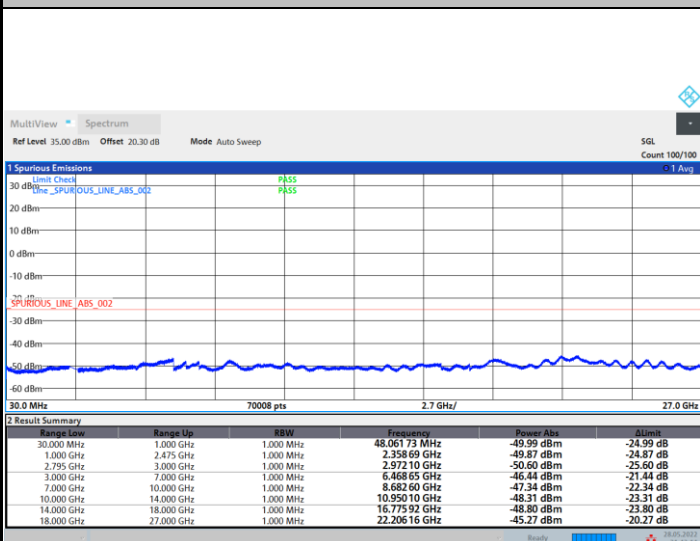
FR1 n41 / 20MHz / DFT-S OFDM / QPSK / 1RB1

## 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	0.0014	PASS
40	Normal Voltage	0.0017	
30	Normal Voltage	0.0015	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0007	
0	Normal Voltage	0.0004	
-10	Normal Voltage	0.0008	
-20	Normal Voltage	0.0013	
-30	Normal Voltage	0.0023	
20	Maximum Voltage	0.0013	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0007	

**Note:**

- 1. Normal Voltage = 4.05 V. ; Battery End Point (BEP) = 3.85 V. ; Maximum Voltage = 4.35 V.
- 2. The frequency fundamental emissions stay within the authorized frequency block.



# FR1 n66

## Peak-to-Average Ratio

Mode	FR1 n66 / 20MHz / DFT-S OFDM				
Mod.	PI/2 BPSK	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.18	4.68	5.76	6.26	PASS
Mode	FR1 n66 / 20MHz / DFT-S OFDM				
Mod.	256QAM				Limit: 13dB
RB Size	Full RB				Result
Middle CH	6.84				PASS