



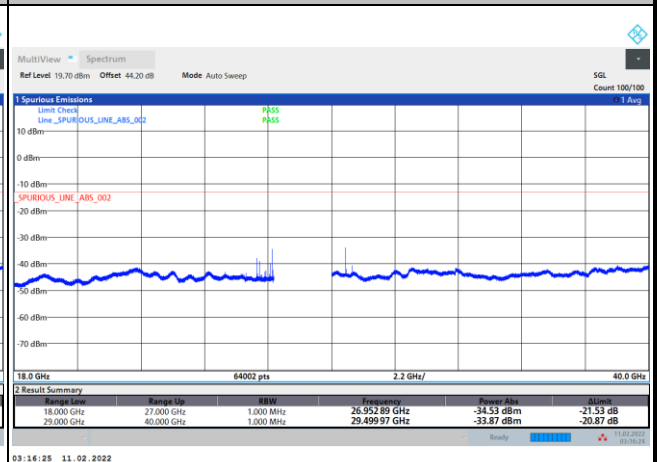
CP-OFDM Module 1

NR Band n261 QPSK (18-40GHz)

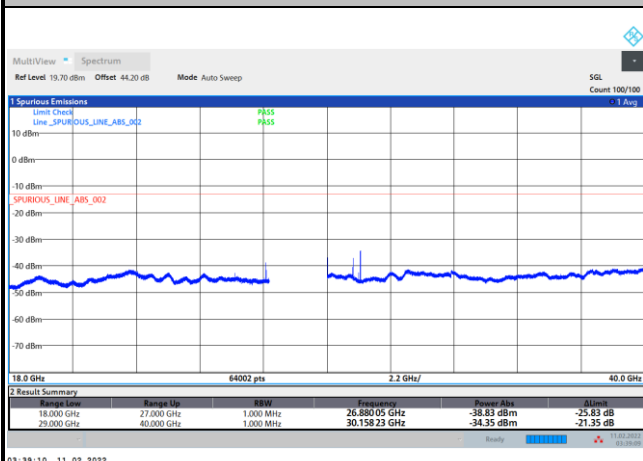
Lowest Channel / 50MHz



Lowest Channel / 100MHz



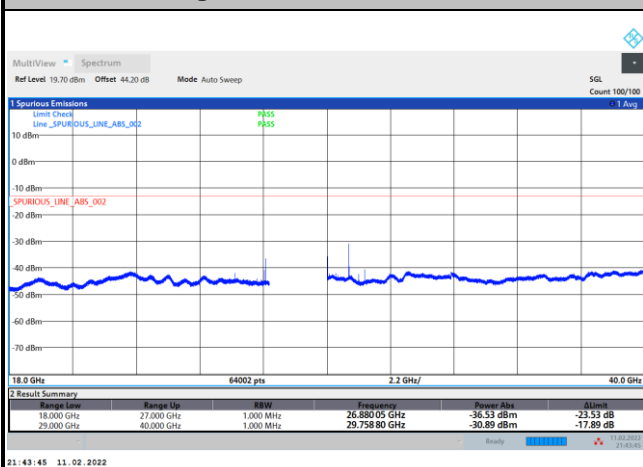
Middle Channel / 50MHz



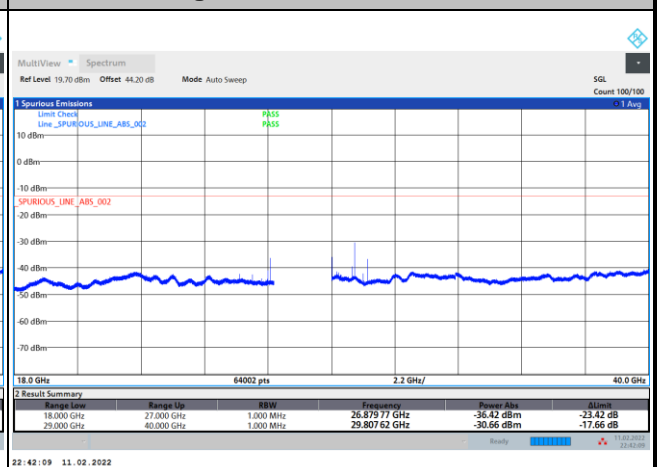
Middle Channel / 100MHz



Highest Channel / 50MHz



Highest Channel / 100MHz



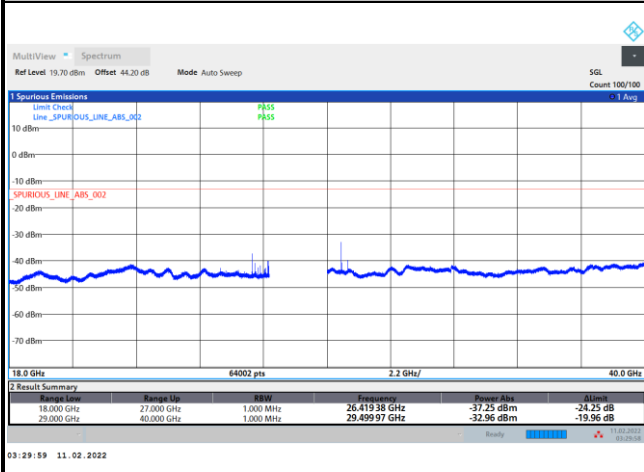
Remark: In band and out of band frequencies are omitted.



CP-OFDM Module 1

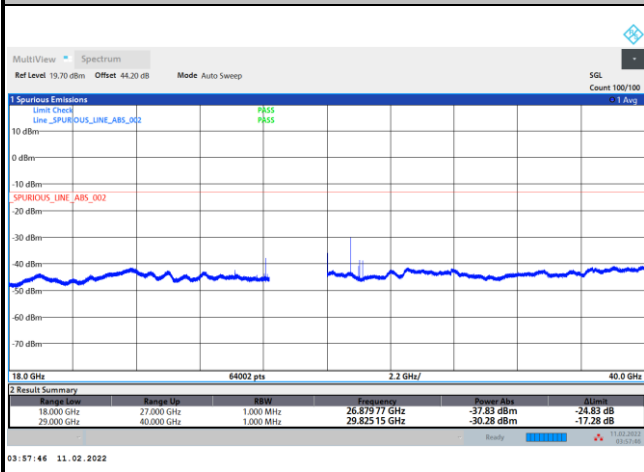
NR Band n261 QPSK (18-40GHz)

Lowest Channel / 200MHz



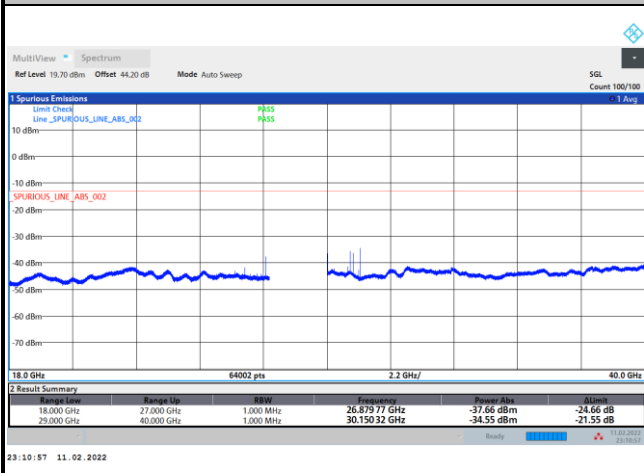
intentionally blank

Middle Channel / 200MHz



intentionally blank

Highest Channel / 200MHz

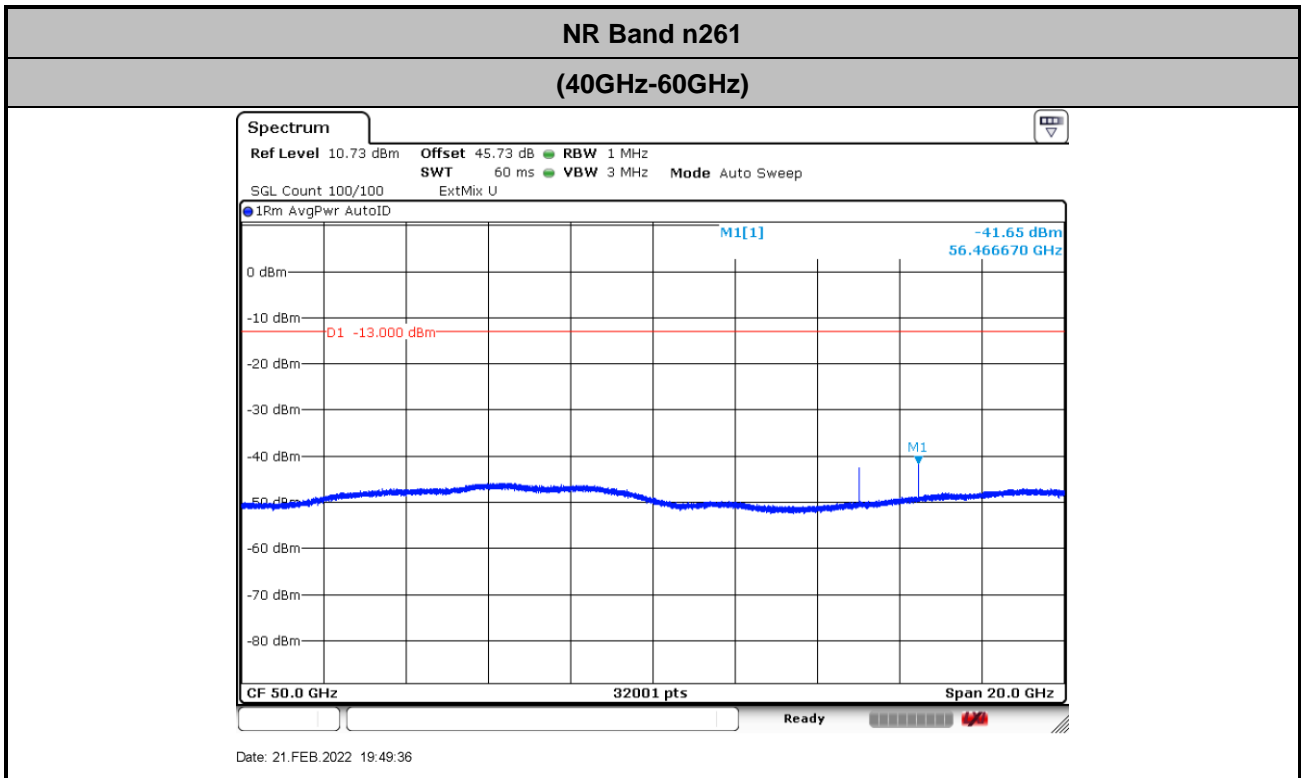


intentionally blank

Remark: In band and out of band frequencies are omitted.

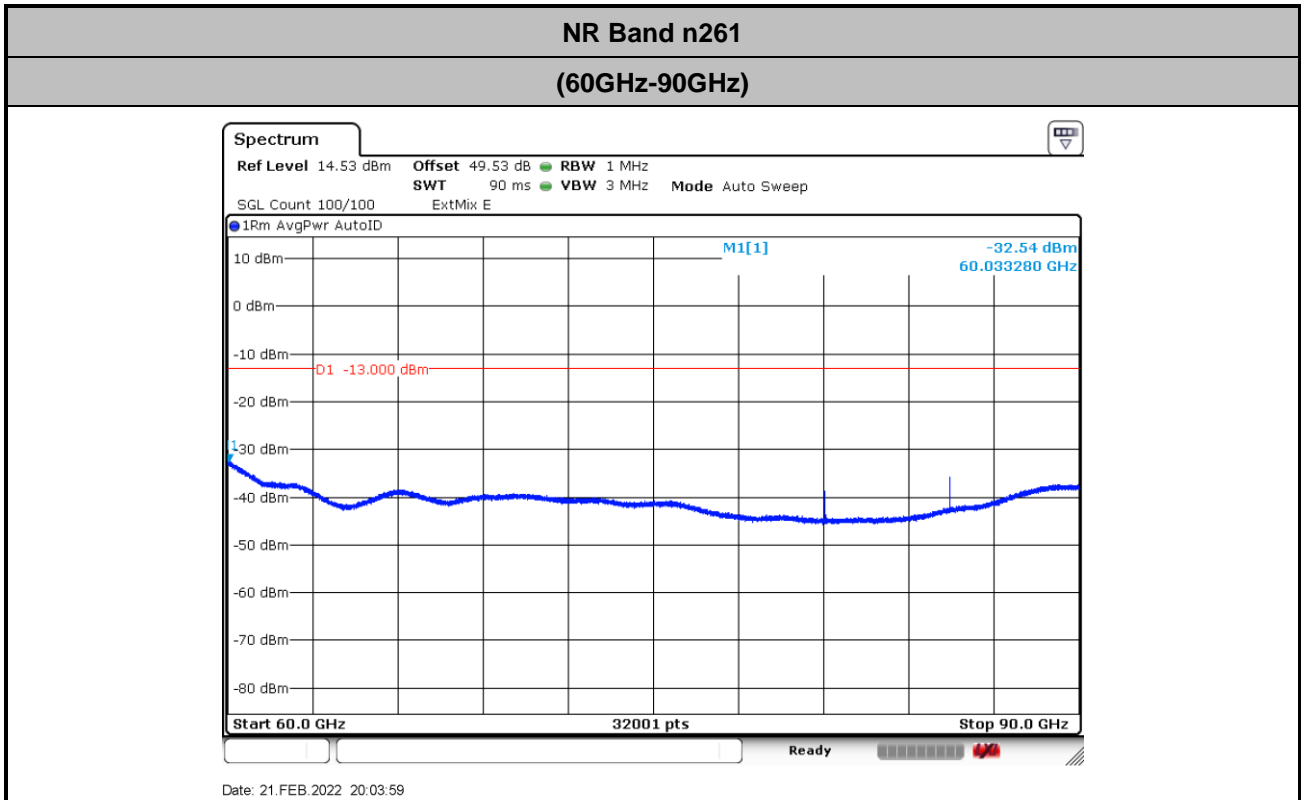


There is no significant spurious emission signal found for frequency started from 40GHz up to 100GHz. Only the noise floor is reported.

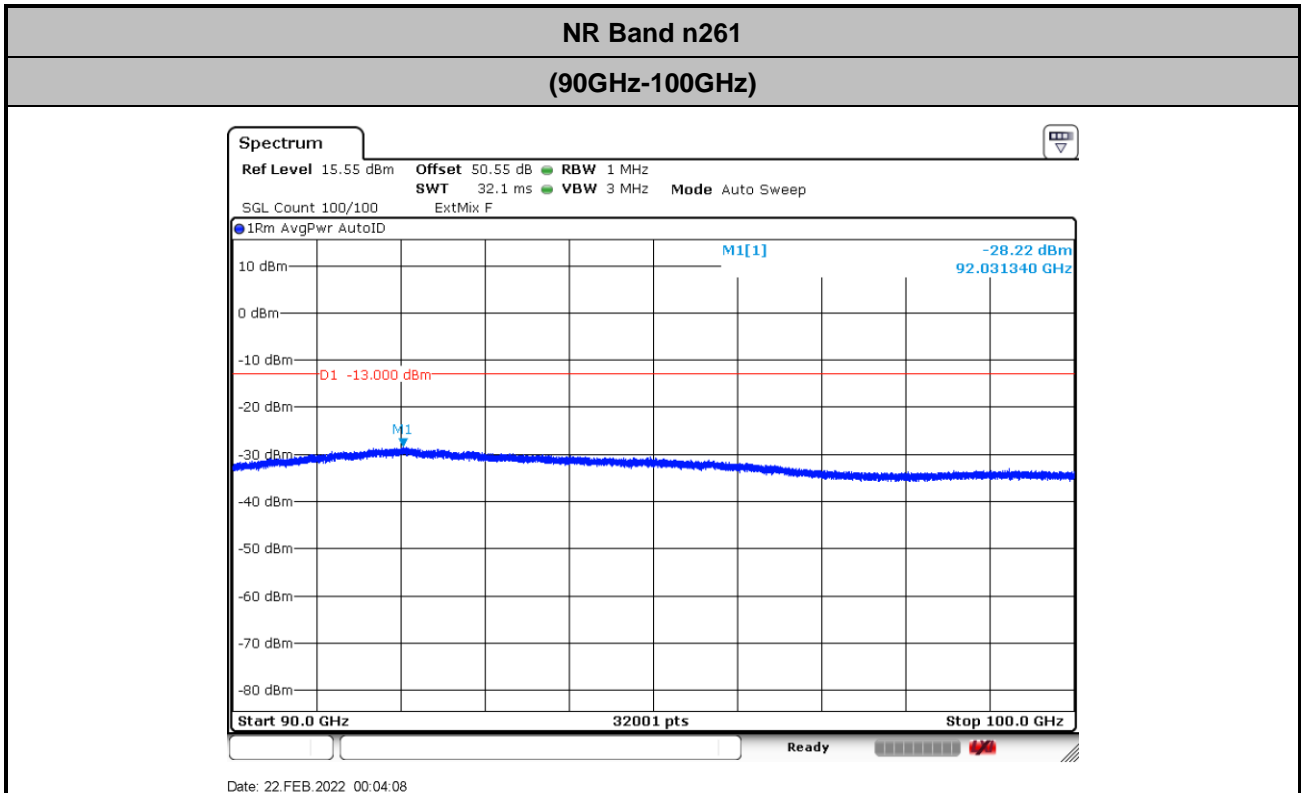


$$\text{Offset} = \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8$$

$$= 43.1 + 0.43 + 107 + 20\log(1) - 104.8 = 45.73 \text{ (dB)}$$



$$\text{Offset} = \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8$$
$$= 46.9 + 0.43 + 107 + 20\log(1) - 104.8 = 49.53 \text{ (dB)}$$



$$\text{Offset} = \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8$$
$$= 47.92 + 0.43 + 107 + 20\log(1) - 104.8 = 50.55 \text{ (dB)}$$



NR Band n261 Module 2

Occupied Bandwidth

Mode	DFT-s-OFDM Module 2 NR Band n261 : 99%OBW(MHz)											
BW	50MHz				100MHz				200MHz			
Mod.	BPSK	QPSK	16QAM	64QAM	BPSK	QPSK	16QAM	64QAM	BPSK	QPSK	16QAM	64QAM
Lowest CH	46.04	46.14	45.85	45.81	91.53	91.26	91.30	91.62	190.30	189.73	190.03	190.19
Middle CH	46.05	46.13	45.90	45.85	91.43	91.37	91.37	91.60	190.13	189.64	189.93	189.93
Highest CH	46.07	46.12	45.86	45.84	91.56	91.27	91.35	91.48	190.14	189.77	189.93	190.17

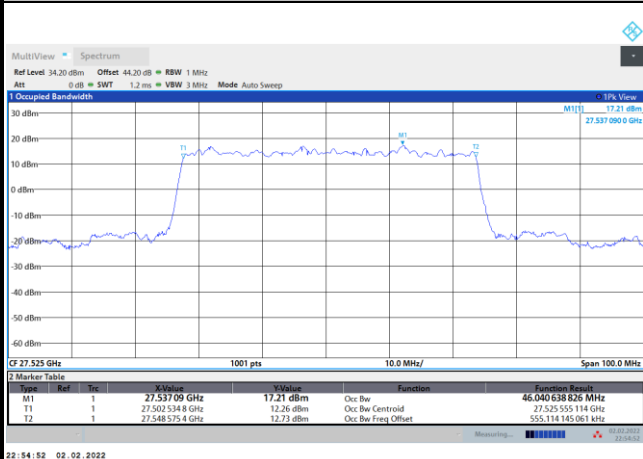
Mode	CP-OFDM Module 2 NR Band n261 : 99%OBW(MHz)					
BW	50MHz		100MHz		200MHz	
Mod.	QPSK		QPSK		QPSK	
Lowest CH	45.91		94.48		192.99	
Middle CH	45.96		94.49		192.87	
Highest CH	45.94		94.40		192.87	



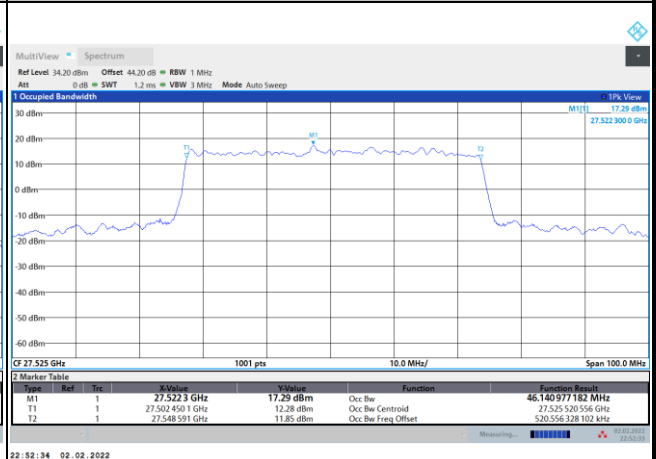
DFT-s-OFDM Module 2

NR Band n261

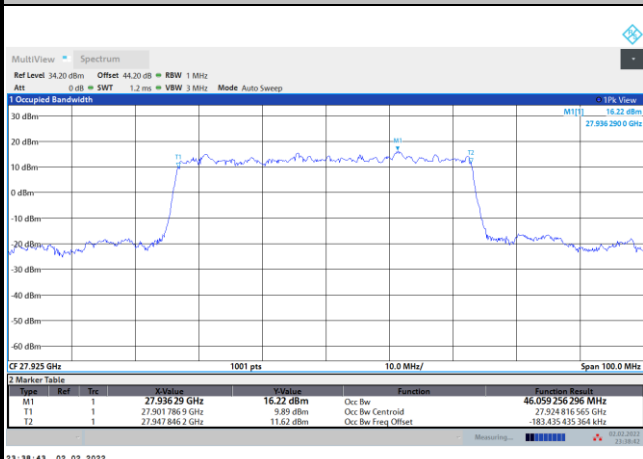
Lowest Channel / 50MHz / BPSK



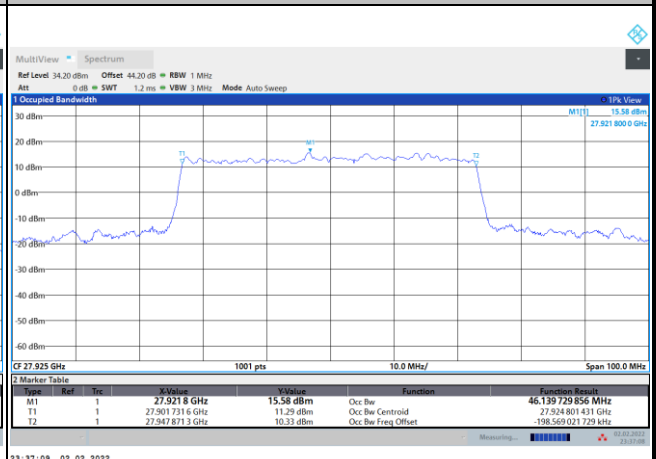
Lowest Channel / 50MHz / QPSK



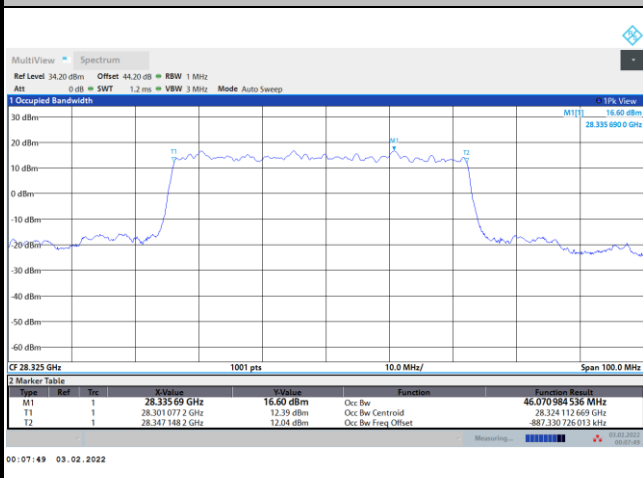
Middle Channel / 50MHz / BPSK



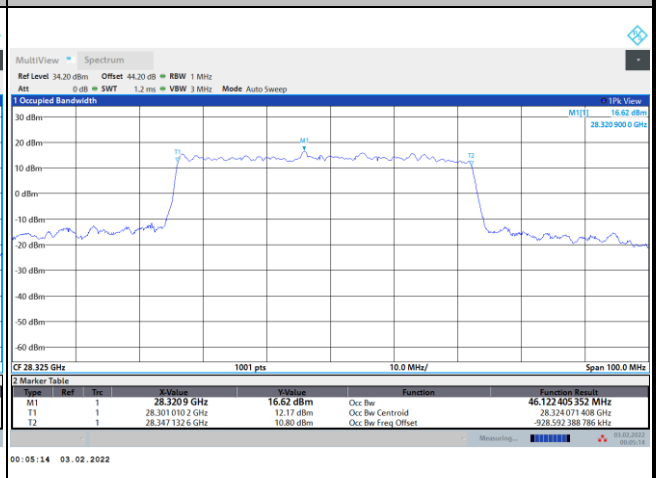
Middle Channel / 50MHz / QPSK



Highest Channel / 50MHz / BPSK



Highest Channel / 50MHz / QPSK

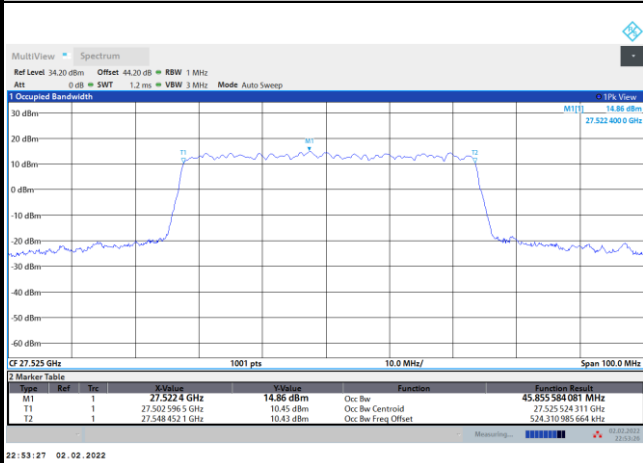




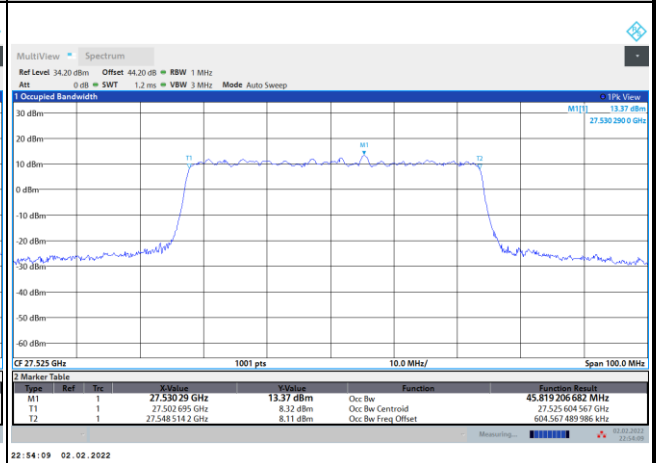
DFT-s-OFDM Module 2

NR Band n261

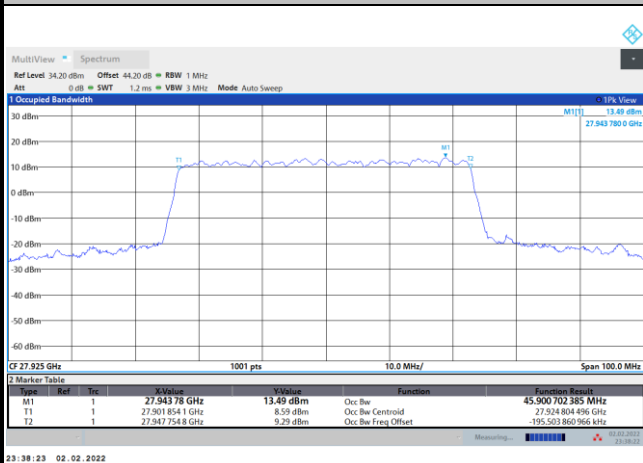
Lowest Channel / 50MHz / 16QAM



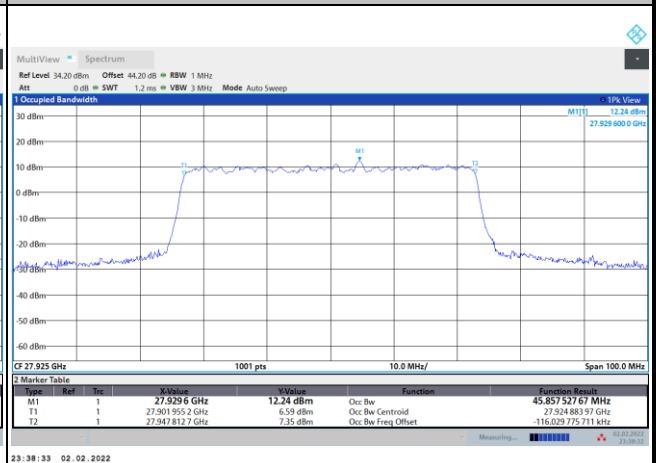
Lowest Channel / 50MHz / 64QAM



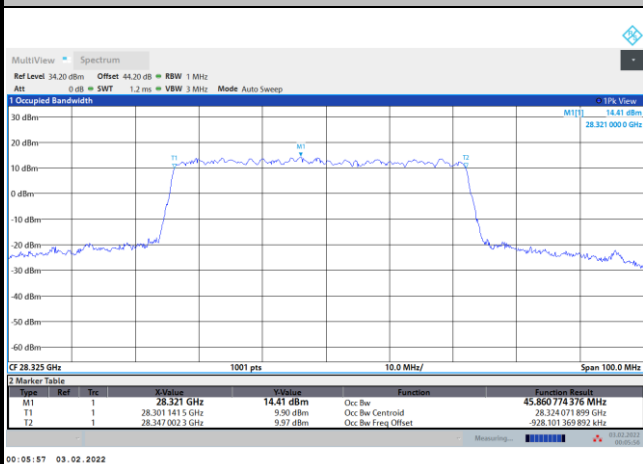
Middle Channel / 50MHz / 16QAM



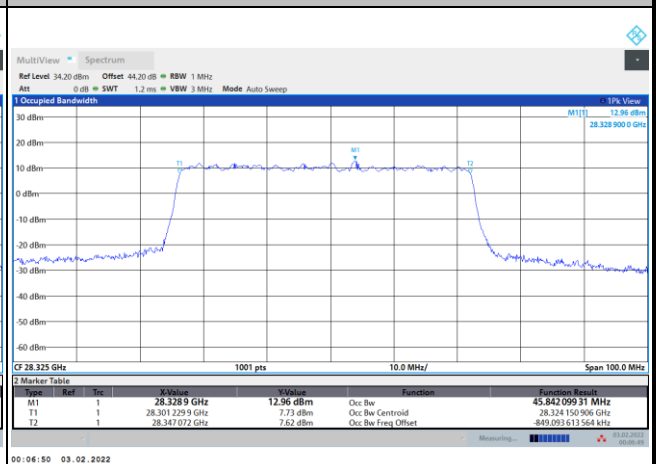
Middle Channel / 50MHz / 64QAM



Highest Channel / 50MHz / 16QAM



Highest Channel / 50MHz / 64QAM

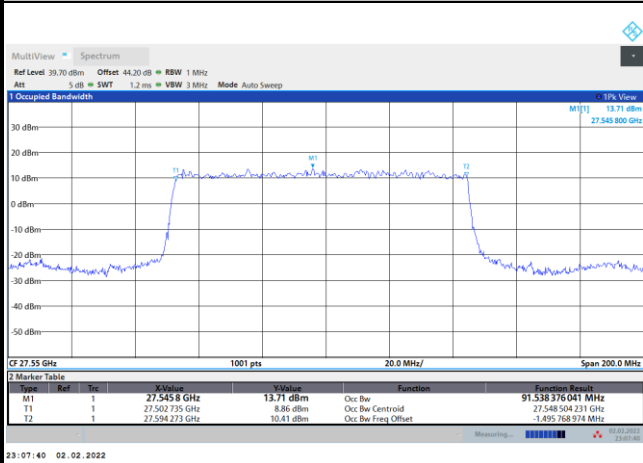




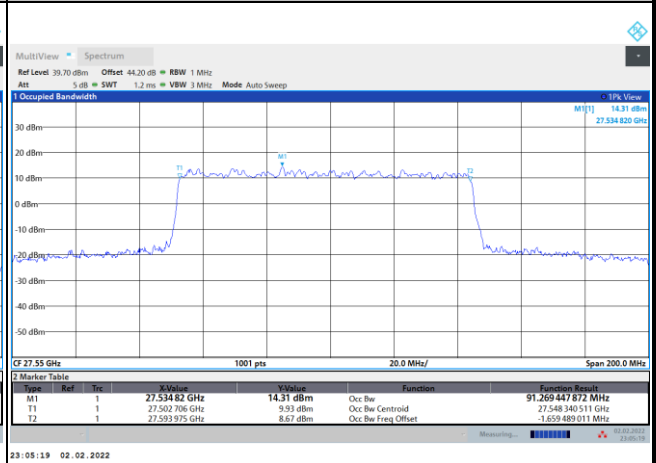
DFT-s-OFDM Module 2

NR Band n261

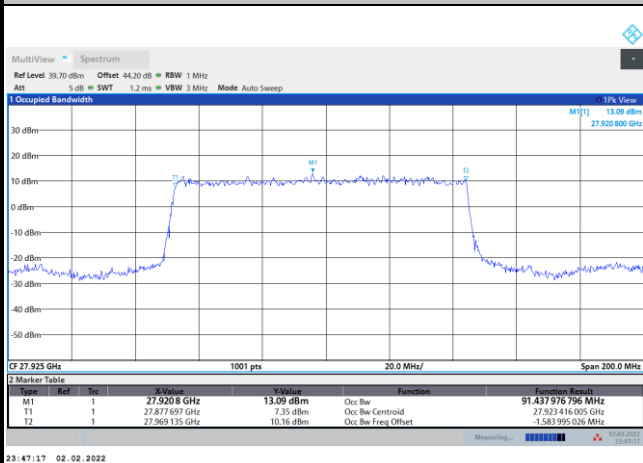
Lowest Channel / 100MHz / BPSK



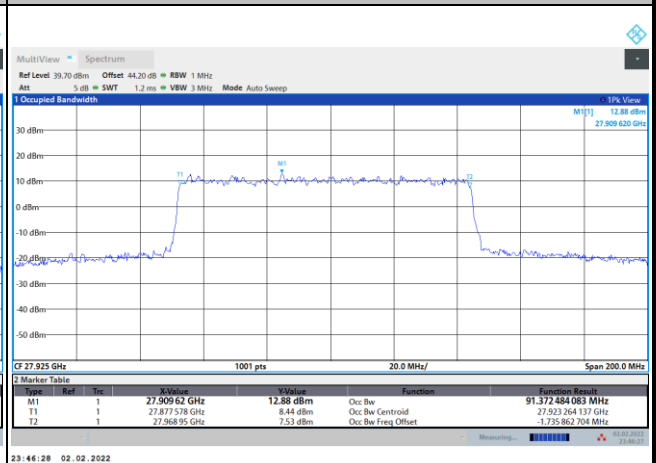
Lowest Channel / 100MHz / QPSK



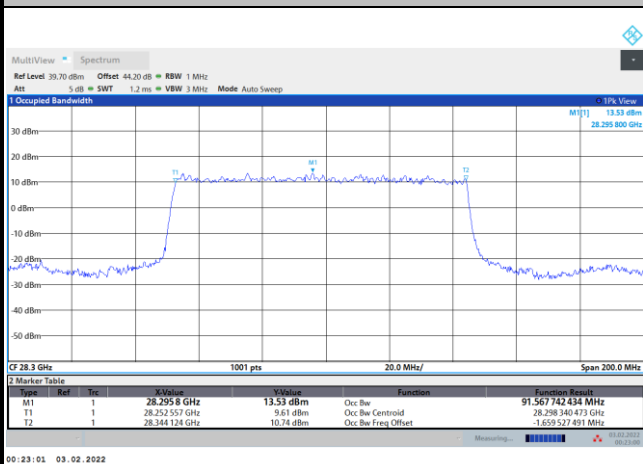
Middle Channel / 100MHz / BPSK



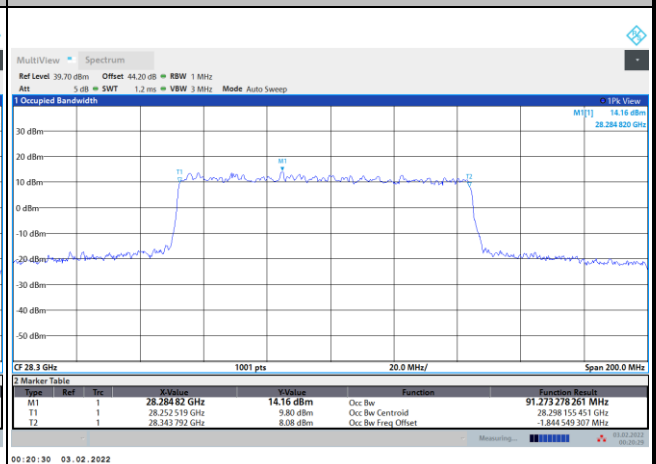
Middle Channel / 100MHz / QPSK



Highest Channel / 100MHz / BPSK



Highest Channel / 100MHz / QPSK

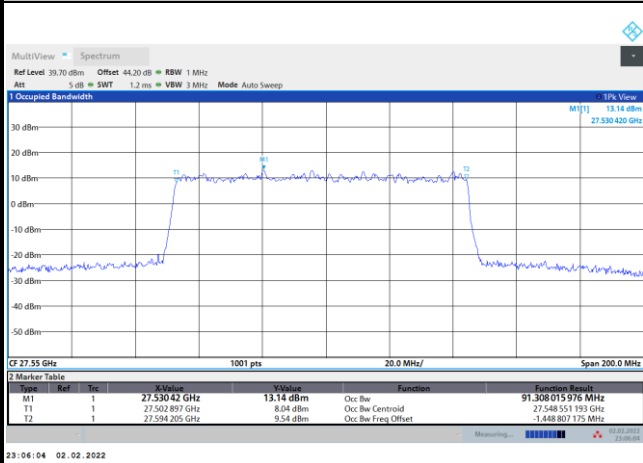




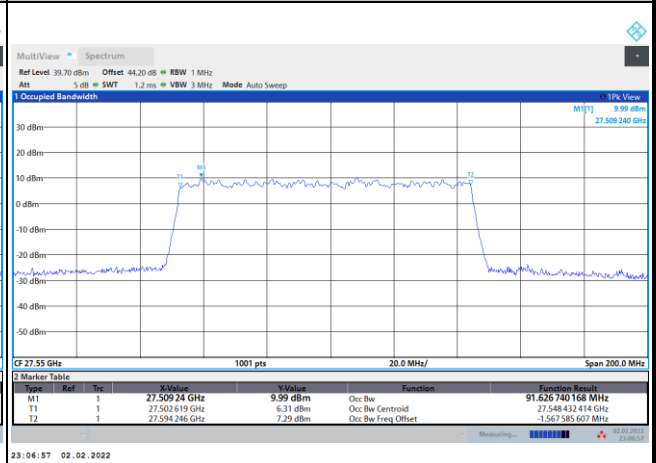
DFT-s-OFDM Module 2

NR Band n261

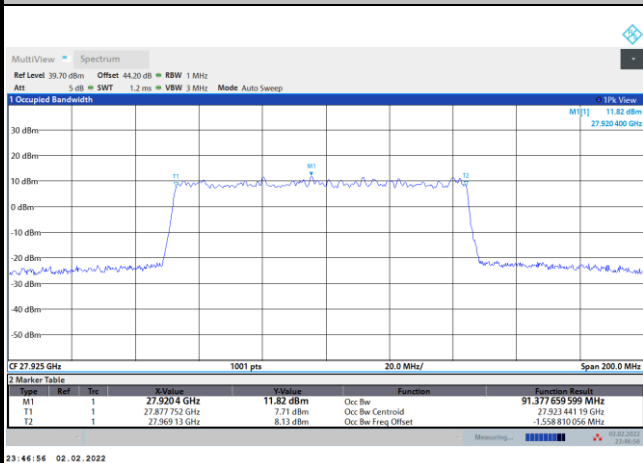
Lowest Channel / 100MHz / 16QAM



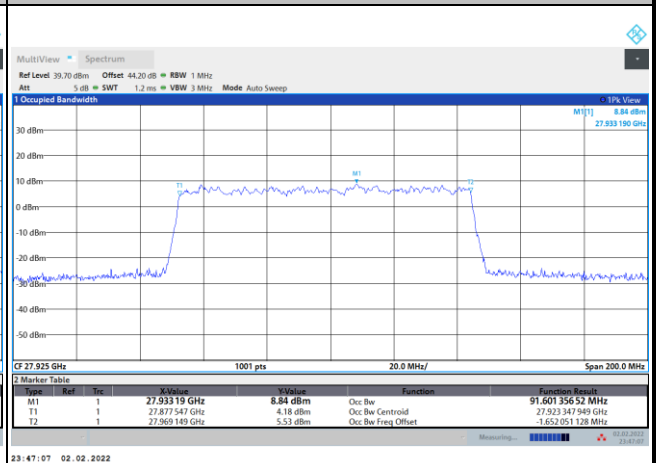
Lowest Channel / 100MHz / 64QAM



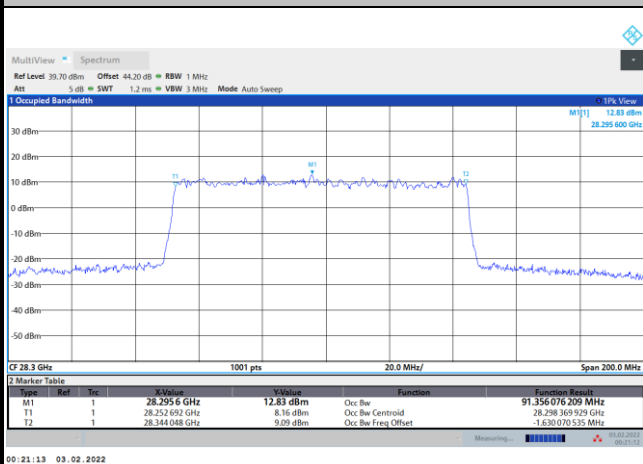
Middle Channel / 100MHz / 16QAM



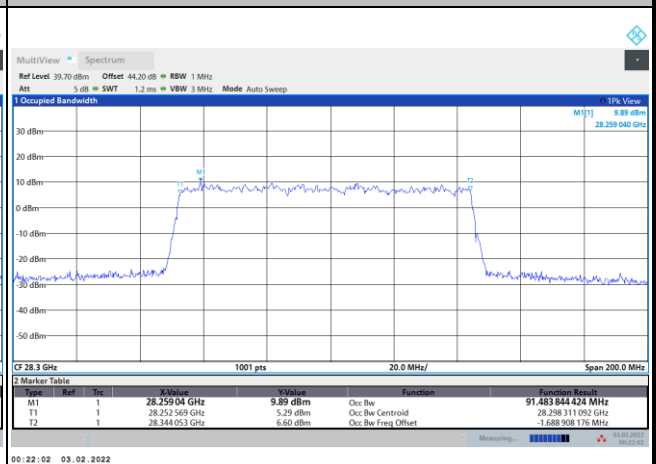
Middle Channel / 100MHz / 64QAM



Highest Channel / 100MHz / 16QAM



Highest Channel / 100MHz / 64QAM

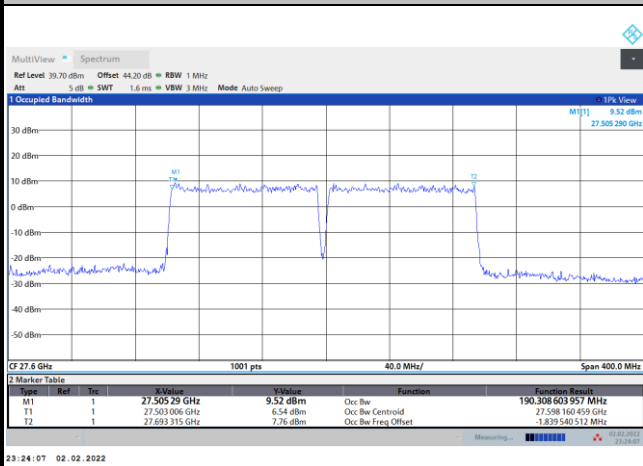




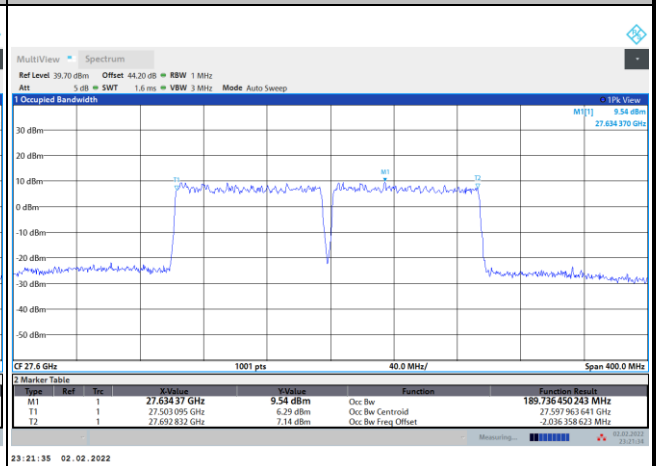
DFT-s-OFDM Module 2

NR Band n261

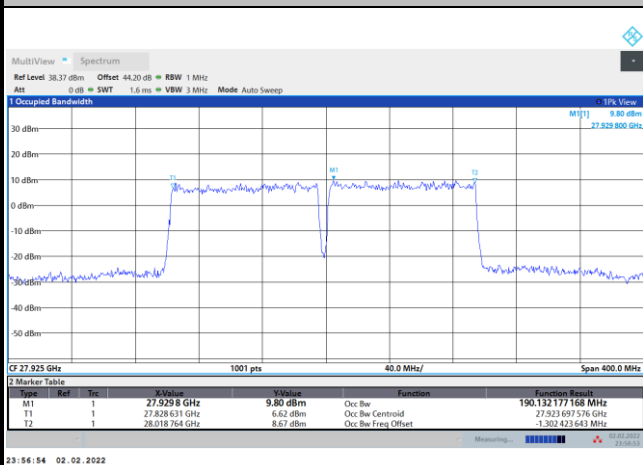
Lowest Channel / 200MHz / BPSK



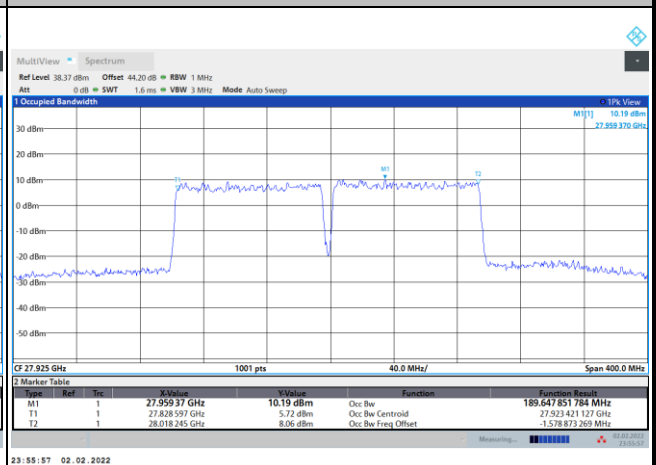
Lowest Channel / 200MHz / QPSK



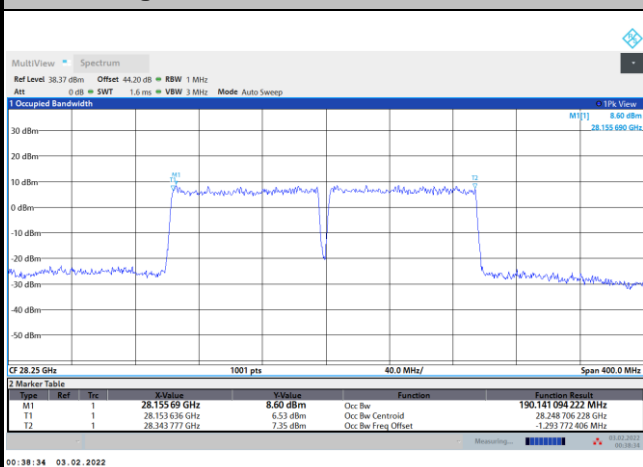
Middle Channel / 200MHz / BPSK



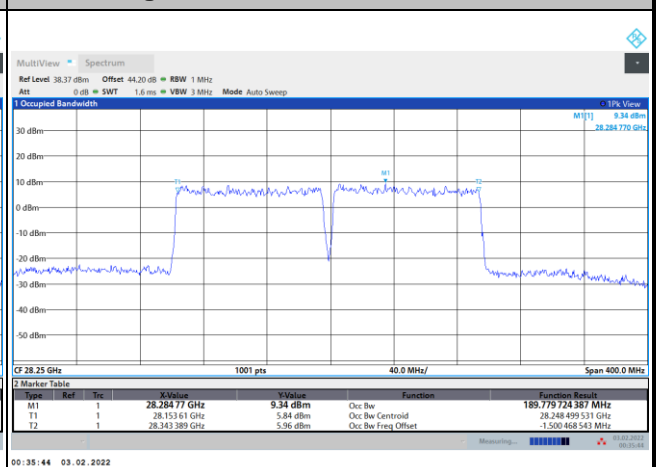
Middle Channel / 200MHz / QPSK



Highest Channel / 200MHz / BPSK



Highest Channel / 200MHz / QPSK

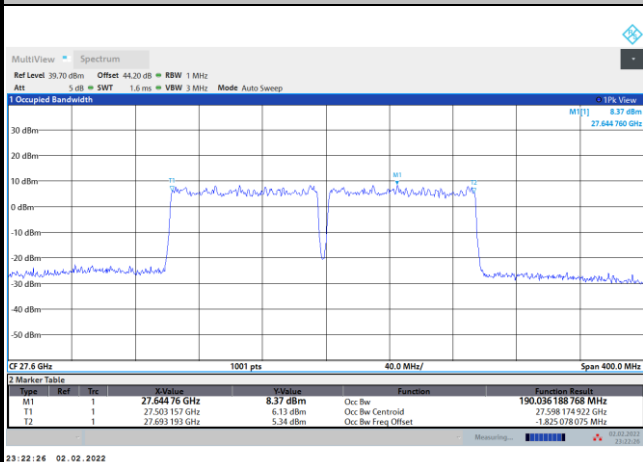




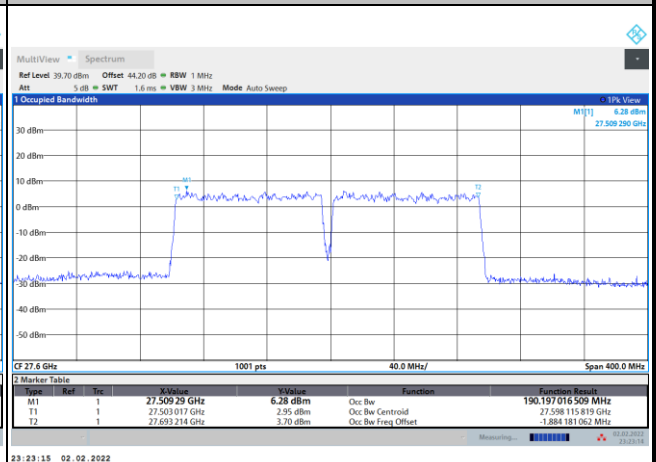
DFT-s-OFDM Module 2

NR Band n261

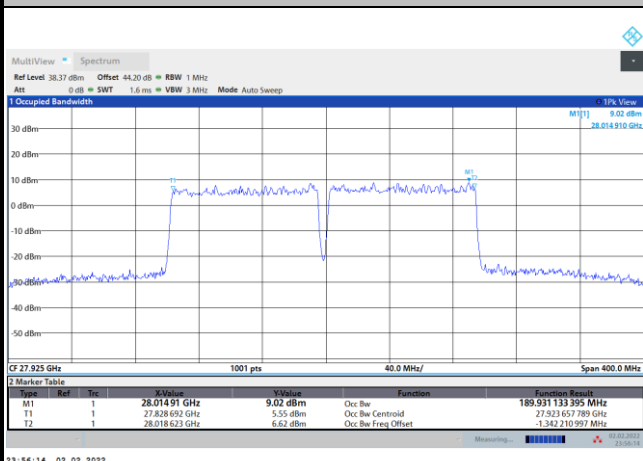
Lowest Channel / 200MHz / 16QAM



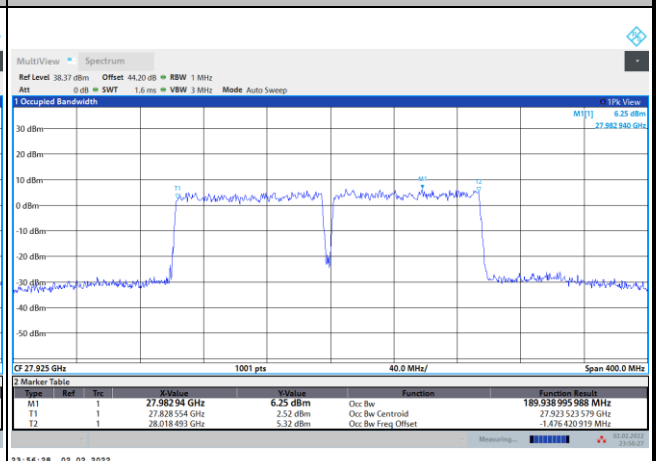
Lowest Channel / 200MHz / 64QAM



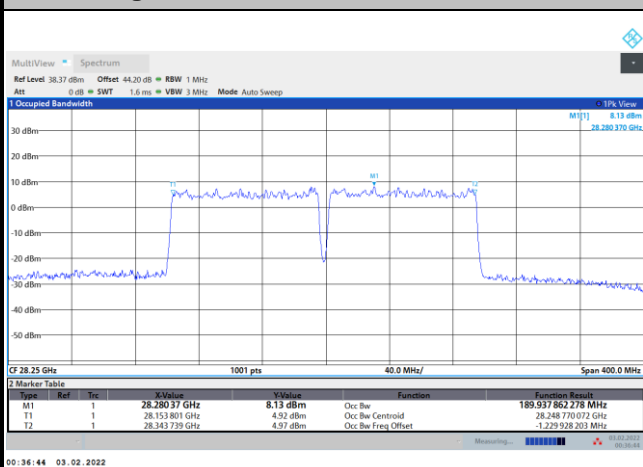
Middle Channel / 200MHz / 16QAM



Middle Channel / 200MHz / 64QAM



Highest Channel / 200MHz / 16QAM



Highest Channel / 200MHz / 64QAM

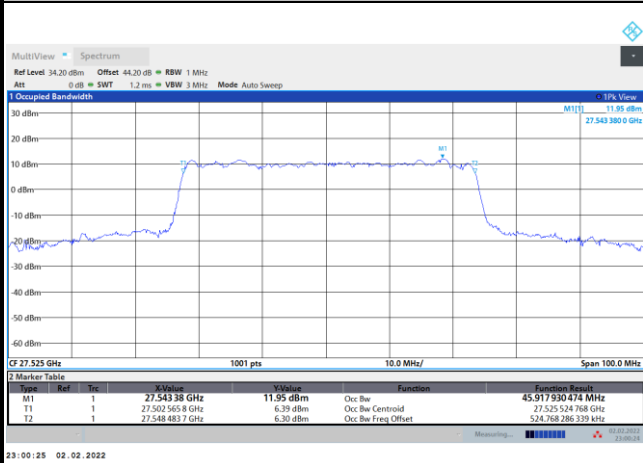




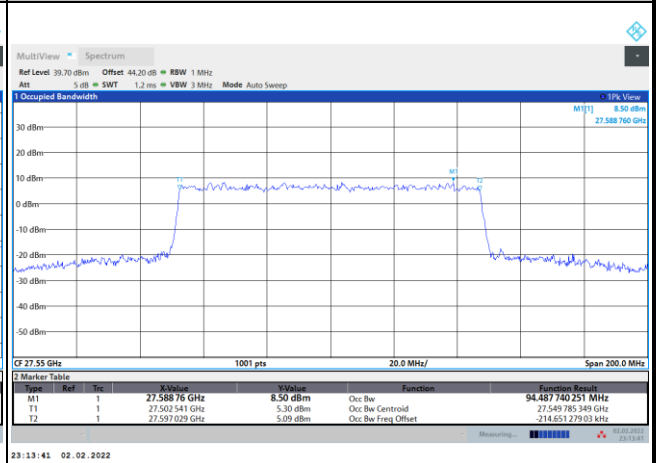
CP-OFDM Module 2

NR Band n261

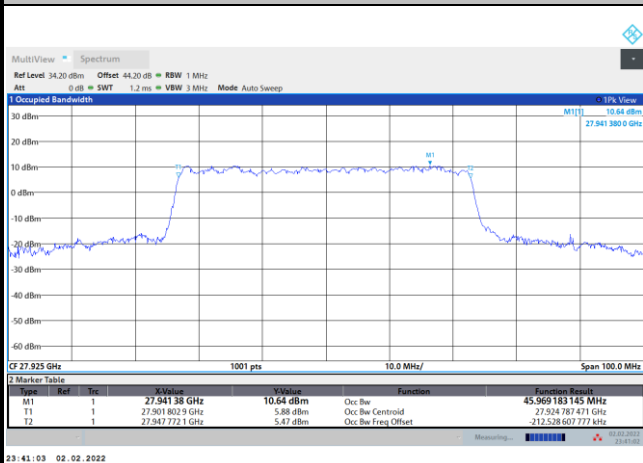
Lowest Channel / 50MHz / QPSK



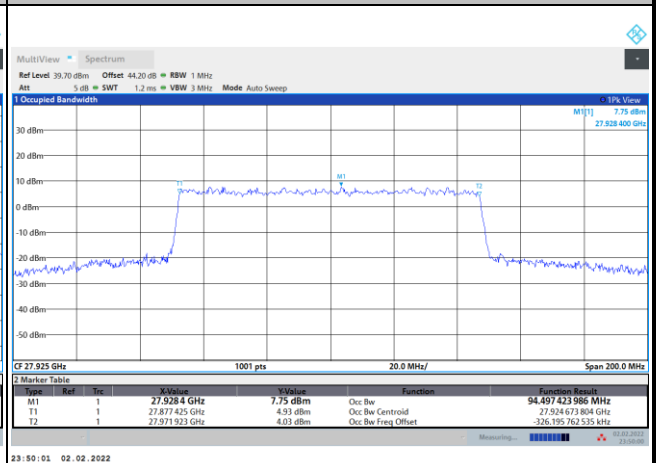
Lowest Channel / 100MHz / QPSK



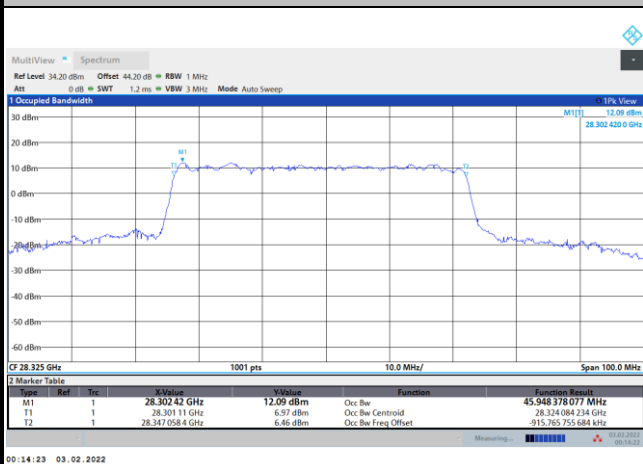
Middle Channel / 50MHz / QPSK



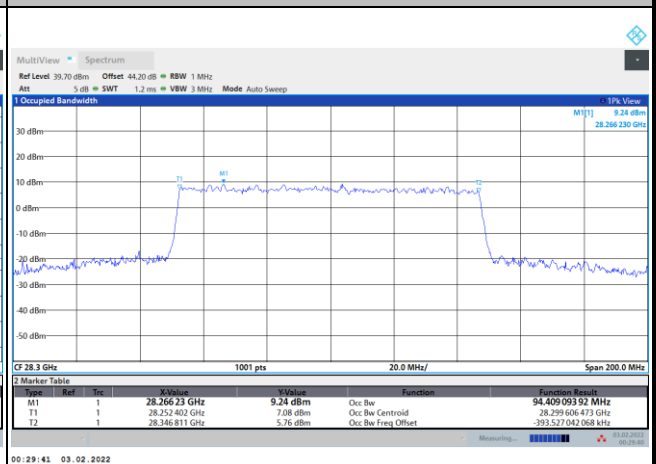
Middle Channel / 100MHz / QPSK



Highest Channel / 50MHz / QPSK



Highest Channel / 100MHz / QPSK

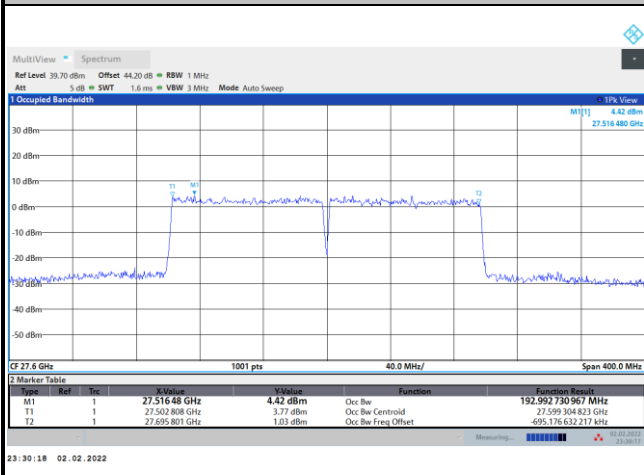




CP-OFDM Module 2

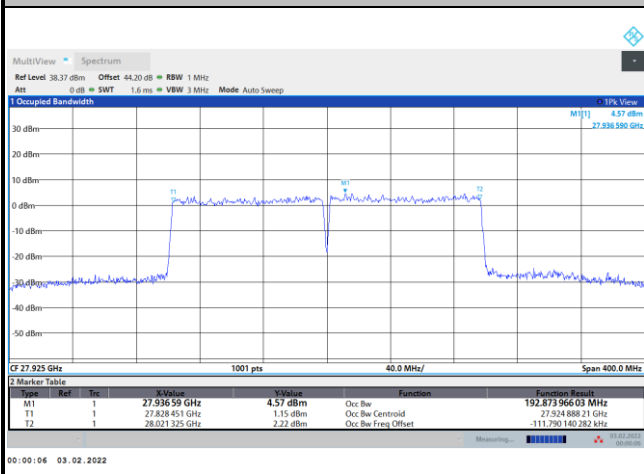
NR Band n261

Lowest Channel / 200MHz / QPSK



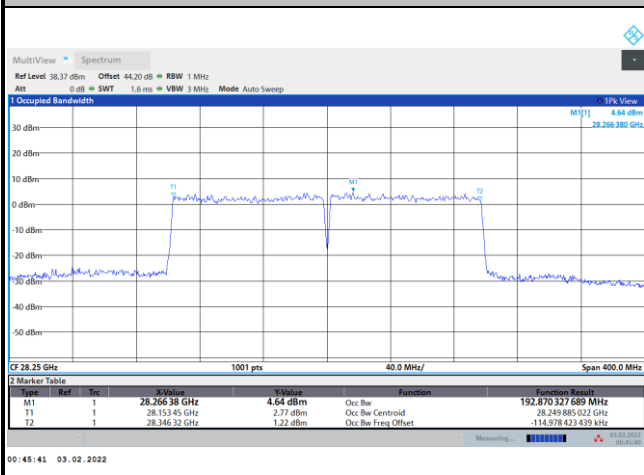
intentionally blank

Middle Channel / 200MHz / QPSK



intentionally blank

Highest Channel / 200MHz / QPSK



intentionally blank



Radiated Out of Band Emissions

Mode			DFT-s-OFDM Module 2 NR Band n261 : BE (dBm) 1 RB											
BW			50MHz				100MHz				200MHz			
Limit (dBm)			BPSK	QPSK	16QAM	64QAM	BPSK	QPSK	16QAM	64QAM	BPSK	QPSK	16QAM	64QAM
Low CH	0~10%OB	≤-5	-15.37	-16.00	-16.58	-18.07	-11.36	-11.46	-13.79	-15.64	-18.61	-19.03	-19.36	-18.35
	>10%OB	≤-13	-28.81	-29.45	-32.11	-33.78	-32.72	-33.20	-33.67	-35.46	-21.21	-21.23	-20.68	-18.77
High CH	0~10%OB	≤-5	-19.06	-18.47	-19.89	-23.51	-13.10	-14.41	-16.09	-19.08	-23.18	-22.49	-23.32	-22.90
	>10%OB	≤-13	-30.43	-29.84	-31.20	-34.99	-33.37	-33.27	-33.61	-35.42	-25.14	-23.66	-22.08	-22.88
Result			Compliance											

Mode			CP-OFDM Module 2 NR Band n261 : BE (dBm) 1 RB		
BW			50MHz	100MHz	200MHz
Limit (dBm)			QPSK	QPSK	QPSK
Low CH	0~10%OB	≤-5	-22.03	-17.85	-22.34
	>10%OB	≤-13	-35.09	-35.13	-21.78
High CH	0~10%OB	≤-5	-23.68	-17.70	-25.46
	>10%OB	≤-13	-33.36	-34.99	-23.02
Result			Compliance		

Mode			DFT-s-OFDM Module 2 NR Band n261 : BE (dBm) Full RB											
BW			50MHz				100MHz				200MHz			
Limit (dBm)			BPSK	QPSK	16QAM	64QAM	BPSK	QPSK	16QAM	64QAM	BPSK	QPSK	16QAM	64QAM
Low CH	0~10%OB	≤-5	-24.38	-21.85	-27.37	-29.99	-25.57	-24.26	-27.42	-29.01	-29.23	-29.97	-31.38	-31.62
	>10%OB	≤-13	-27.97	-22.78	-29.50	-33.01	-30.83	-27.18	-31.64	-34.37	-32.81	-32.41	-34.03	-35.96
High CH	0~10%OB	≤-5	-25.73	-22.87	-28.20	-30.75	-28.15	-25.66	-30.63	-33.77	-33.27	-32.75	-35.19	-37.41
	>10%OB	≤-13	-27.58	-24.11	-30.11	-33.48	-30.52	-27.21	-32.25	-35.03	-34.25	-33.12	-36.20	-38.27
Result			Compliance											

Mode			CP-OFDM Module 2 NR Band n261 : BE (dBm) Full RB		
BW			50MHz	100MHz	200MHz
Limit (dBm)			QPSK	QPSK	QPSK
Low CH	0~10%OB	≤-5	-25.51	-27.43	-32.30
	>10%OB	≤-13	-27.29	-29.89	-36.03
High CH	0~10%OB	≤-5	-24.85	-28.49	-35.01
	>10%OB	≤-13	-28.27	-30.61	-36.77
Result			Compliance		

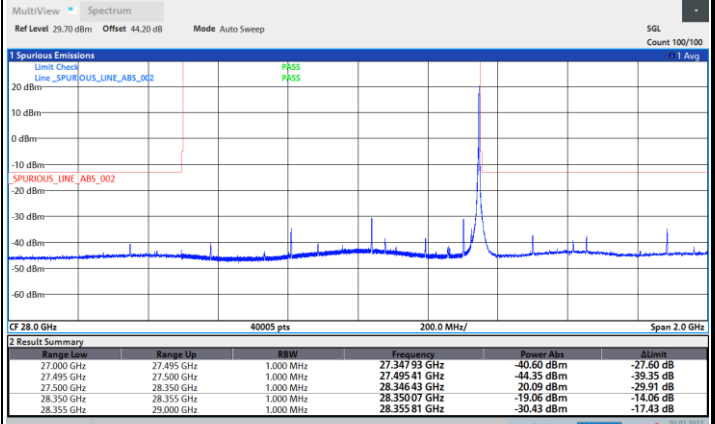
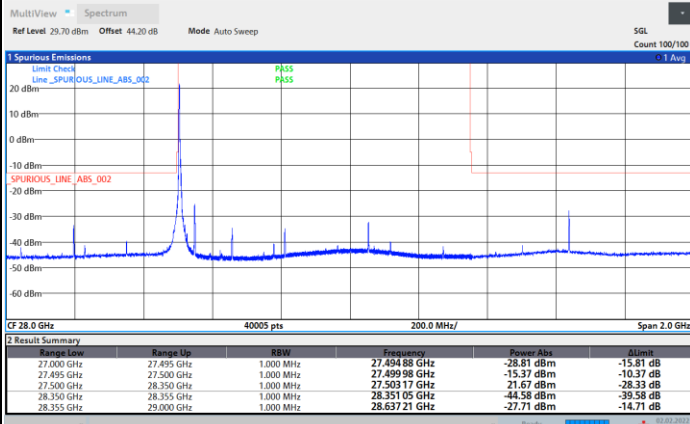


DFT-s-OFDM Module 2

NR Band n261 / 50MHz / BPSK

Lowest Band Edge / 1 RB

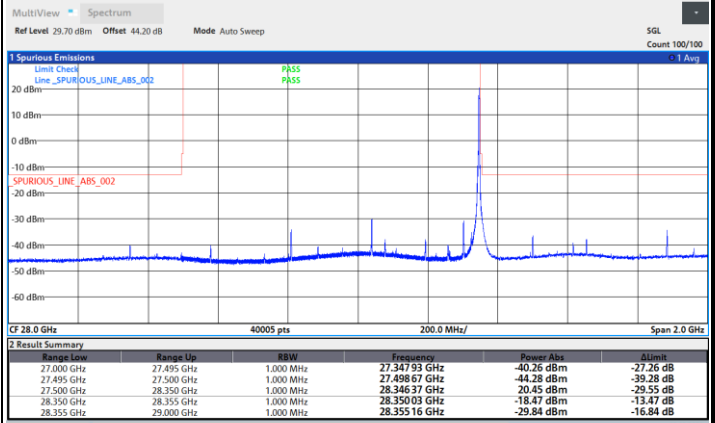
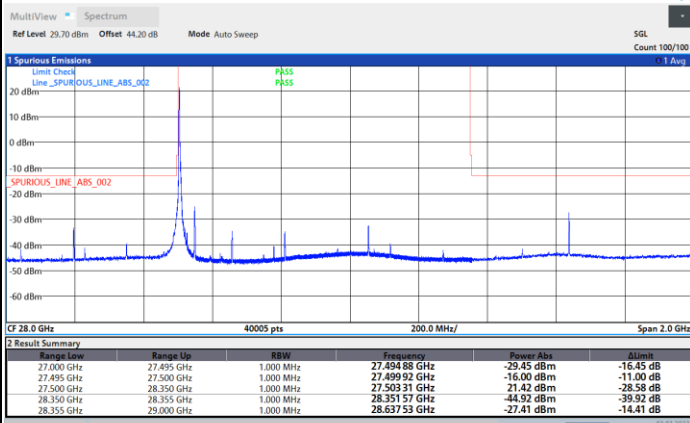
Highest Band Edge / 1 RB



NR Band n261 / 50MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

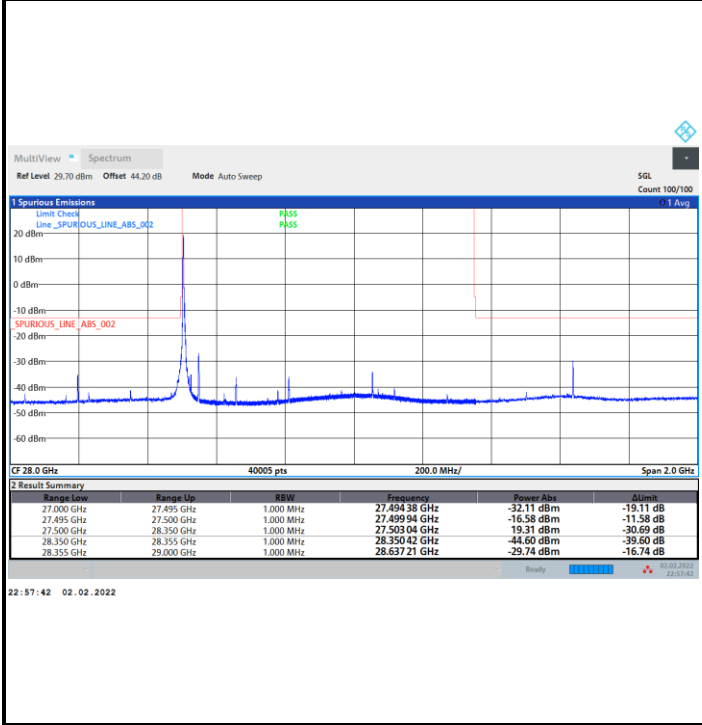




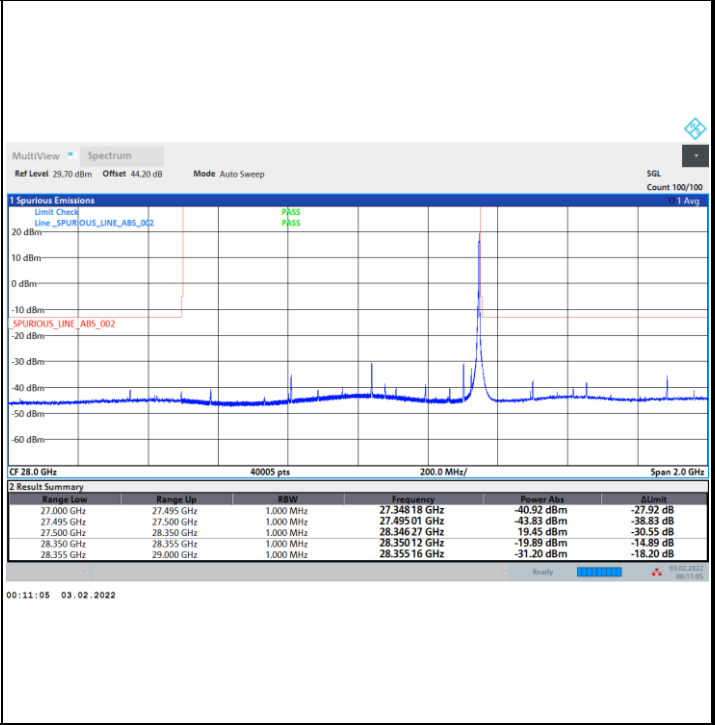
DFT-s-OFDM Module 2

NR Band n261 / 50MHz / 16QAM

Lowest Band Edge / 1 RB

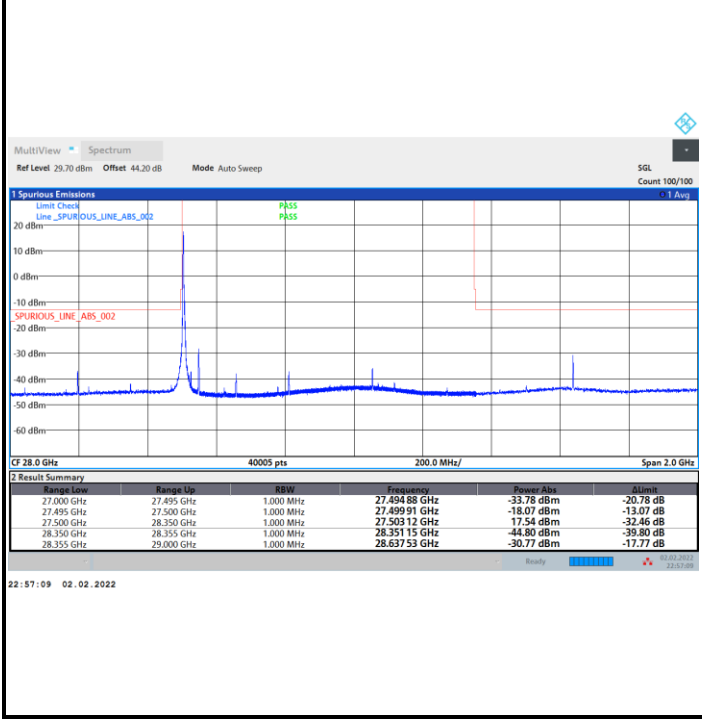


Highest Band Edge / 1 RB

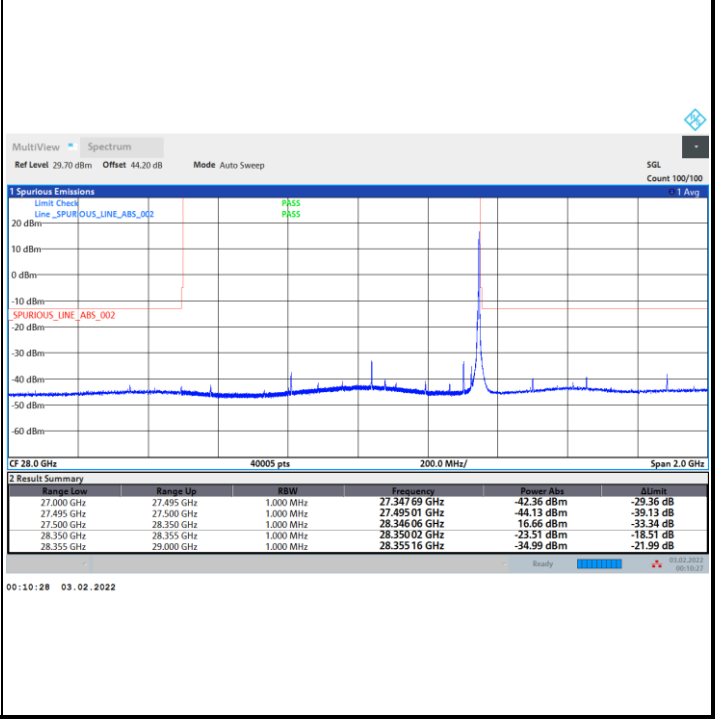


NR Band n261 / 50MHz / 64QAM

Lowest Band Edge / 1 RB



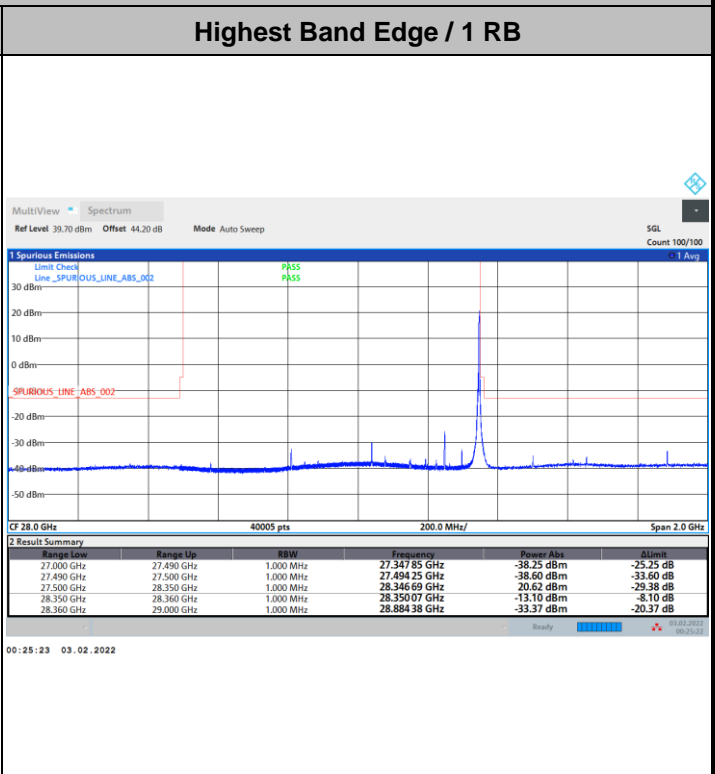
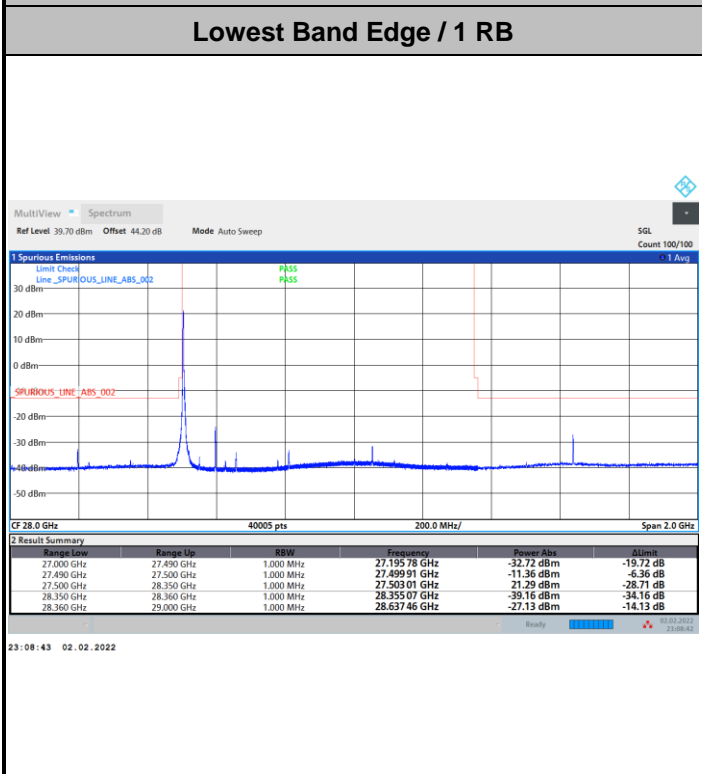
Highest Band Edge / 1 RB



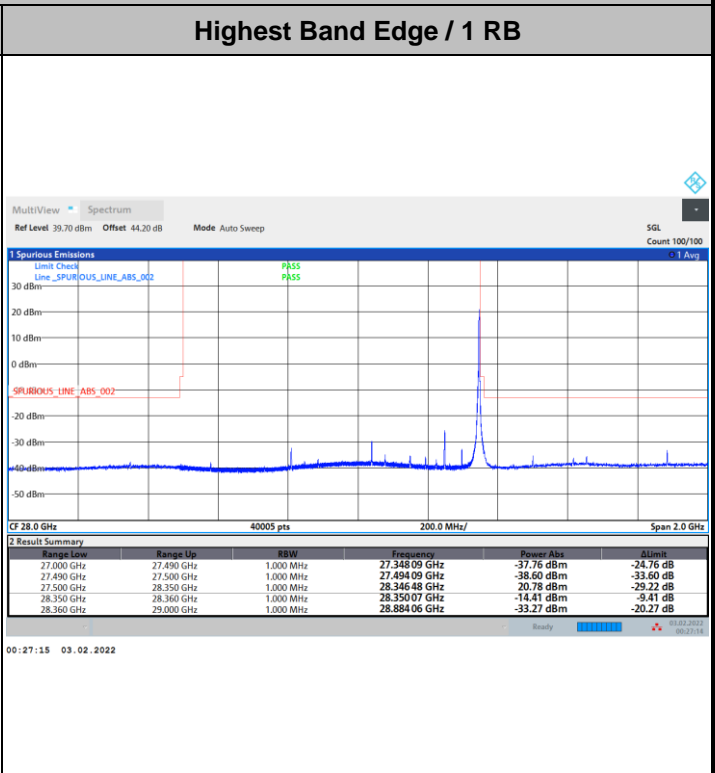
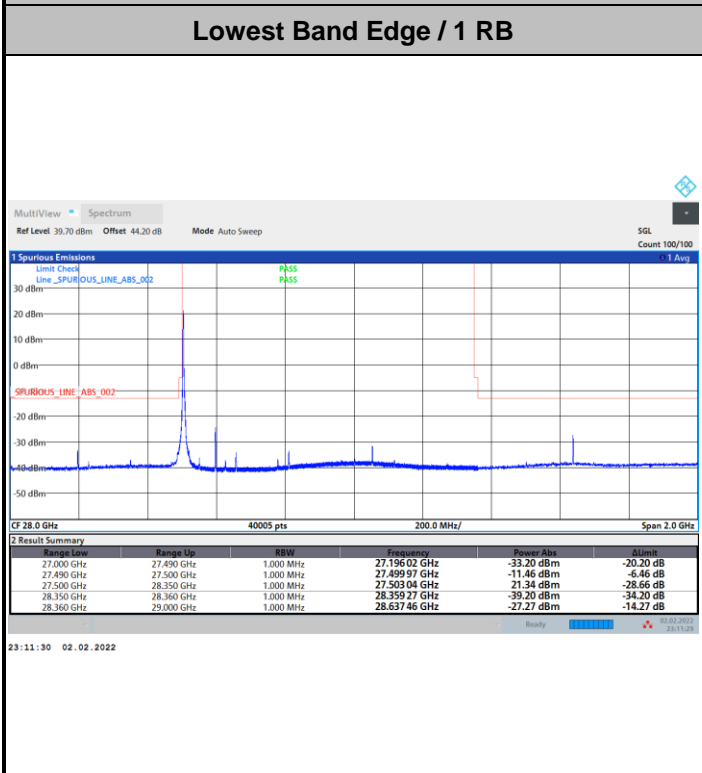


DFT-s-OFDM Module 2

NR Band n261 / 100MHz / BPSK



NR Band n261 / 100MHz / QPSK

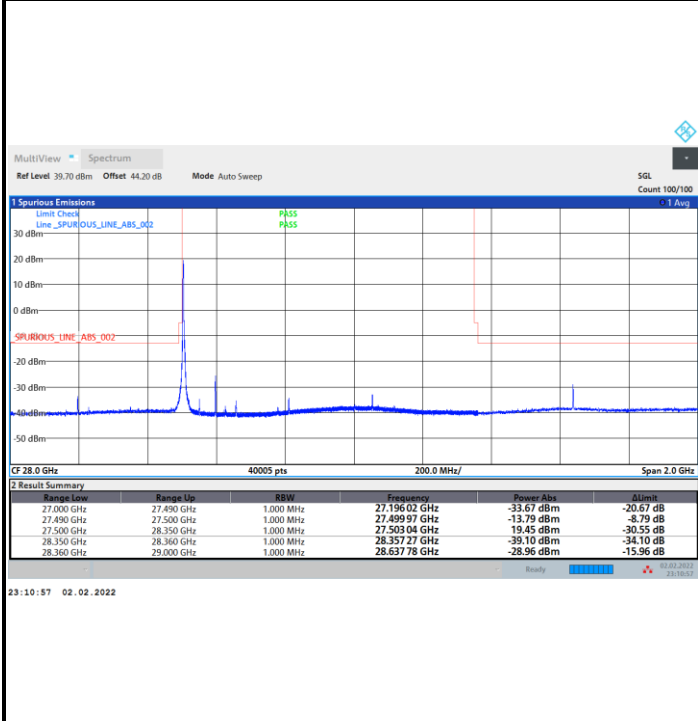




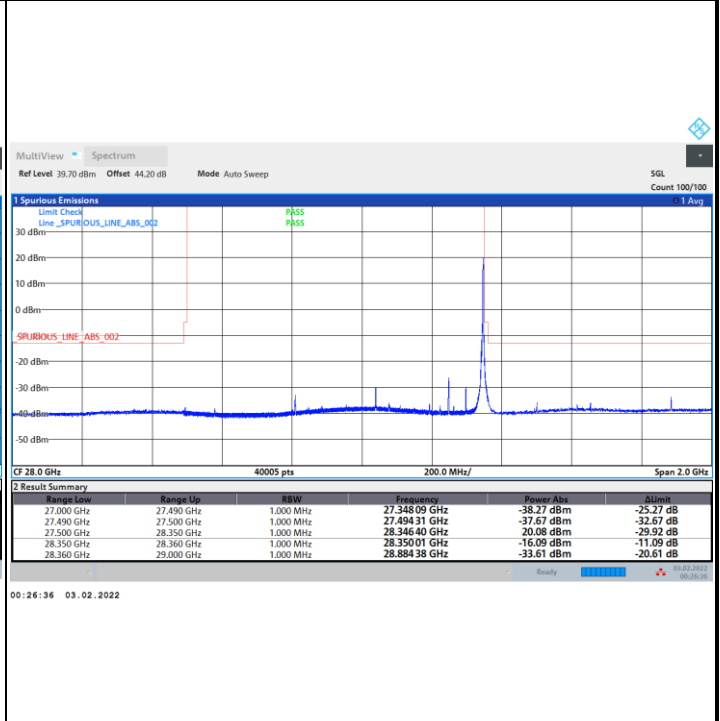
DFT-s-OFDM Module 2

NR Band n261 / 100MHz / 16QAM

Lowest Band Edge / 1 RB

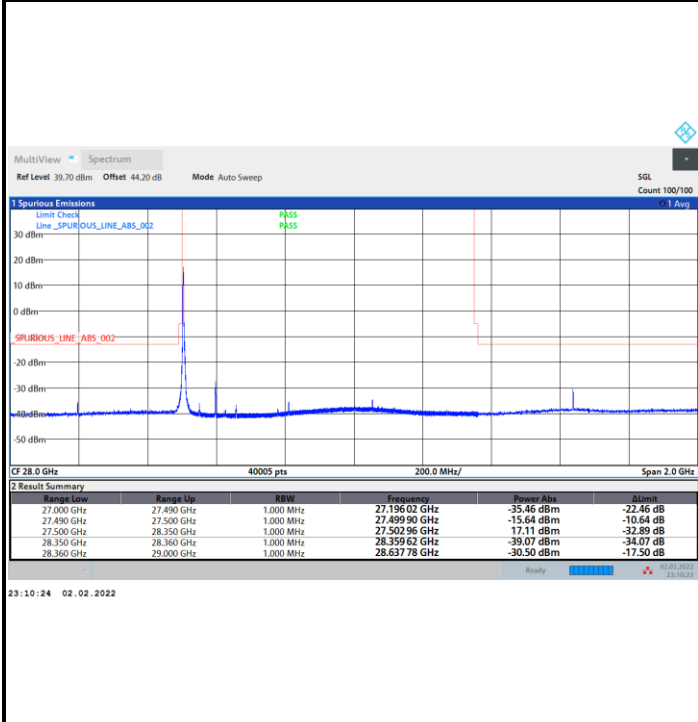


Highest Band Edge / 1 RB

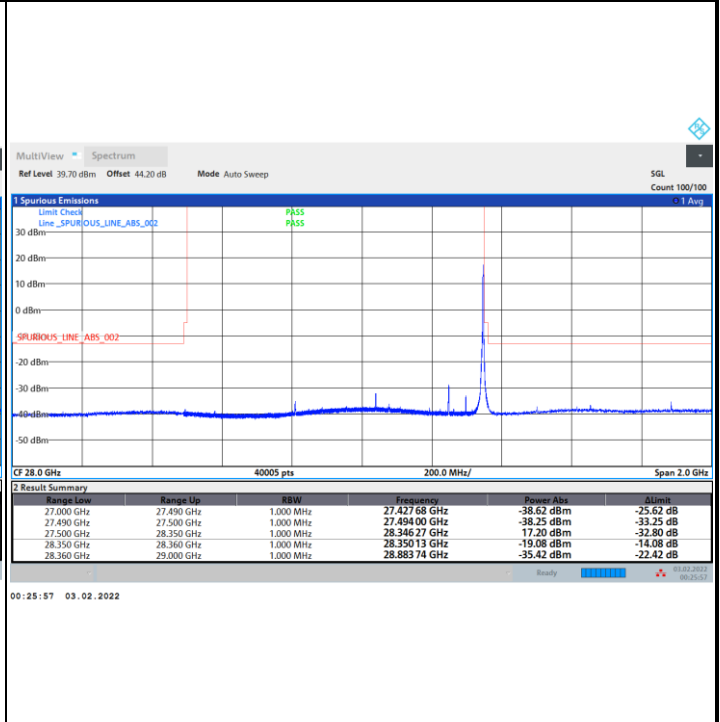


NR Band n261 / 100MHz / 64QAM

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB

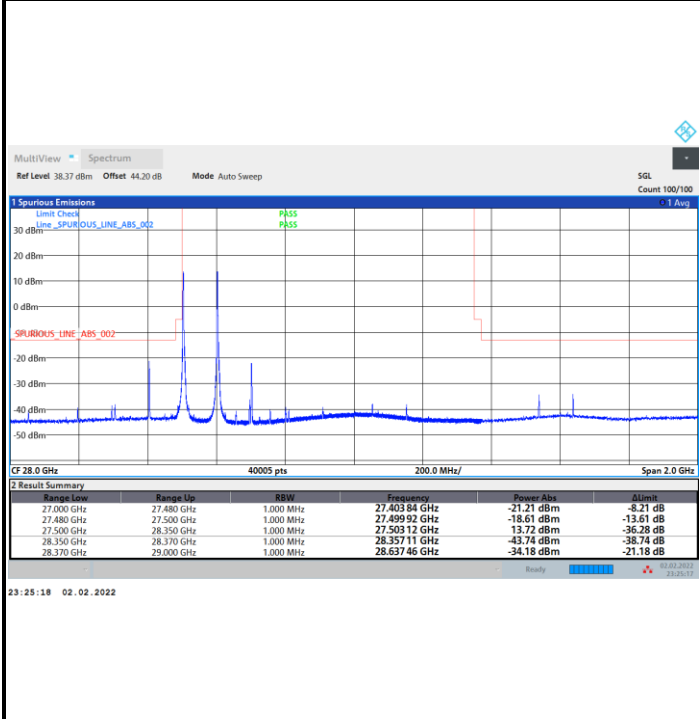




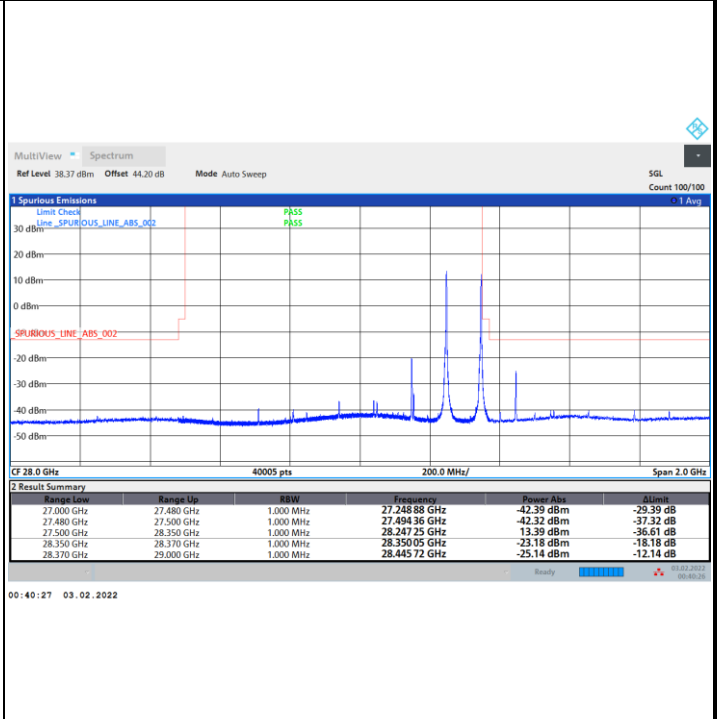
DFT-s-OFDM Module 2

NR Band n261 / 200MHz / BPSK

Lowest Band Edge / 1 RB

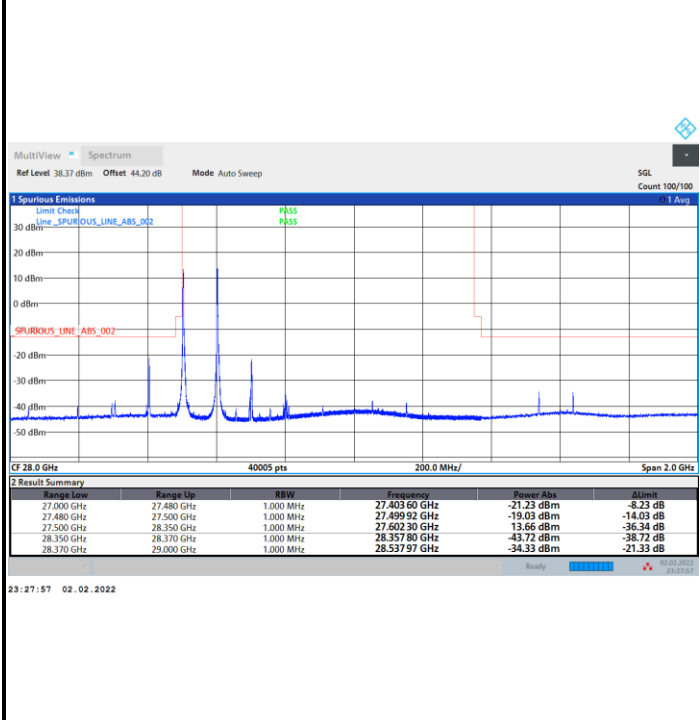


Highest Band Edge / 1 RB

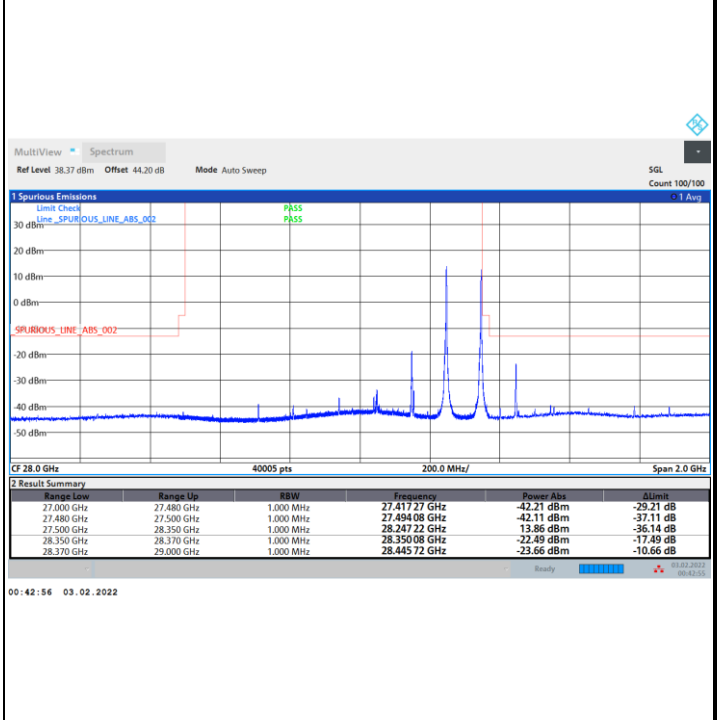


NR Band n261 / 200MHz / QPSK

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



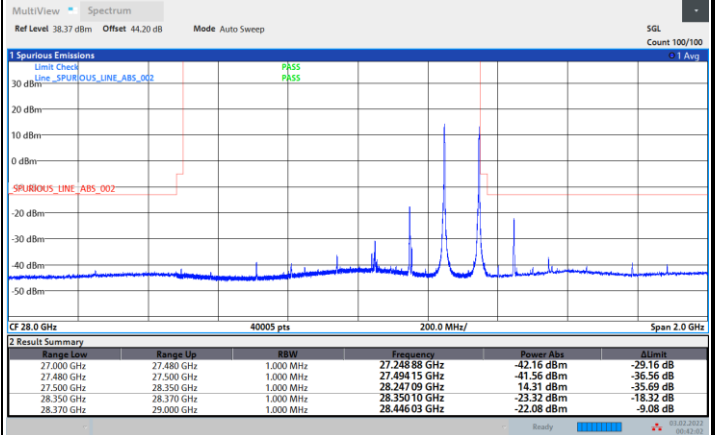
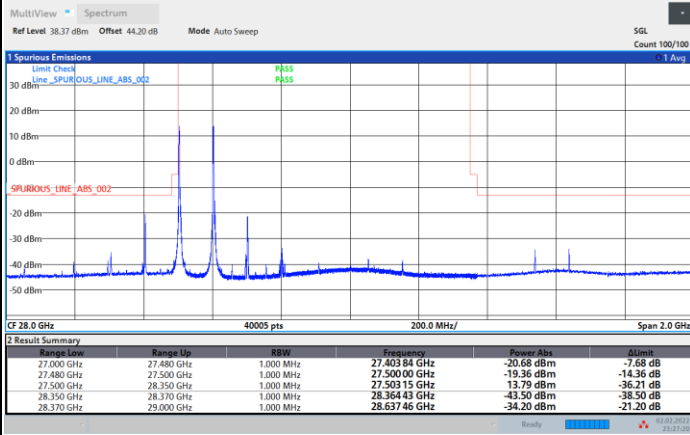


DFT-s-OFDM Module 2

NR Band n261 / 200MHz / 16QAM

Lowest Band Edge / 1 RB

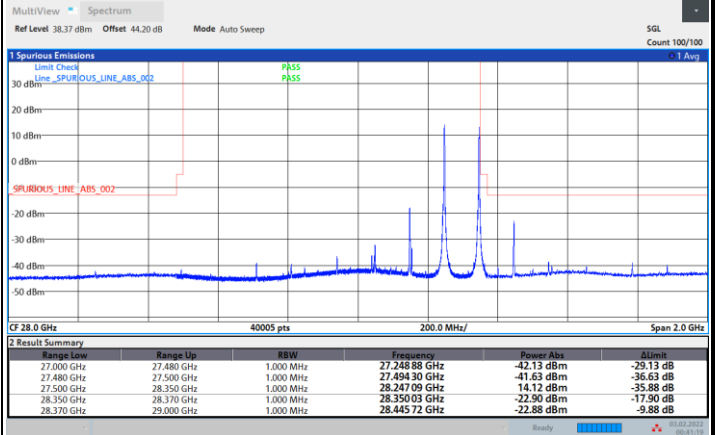
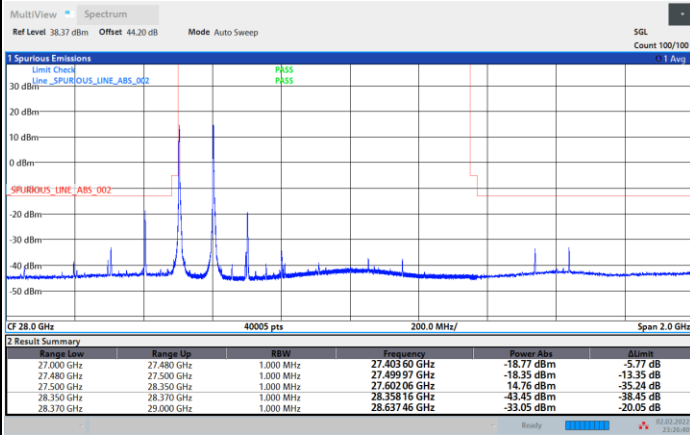
Highest Band Edge / 1 RB



NR Band n261 / 200MHz / 64QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



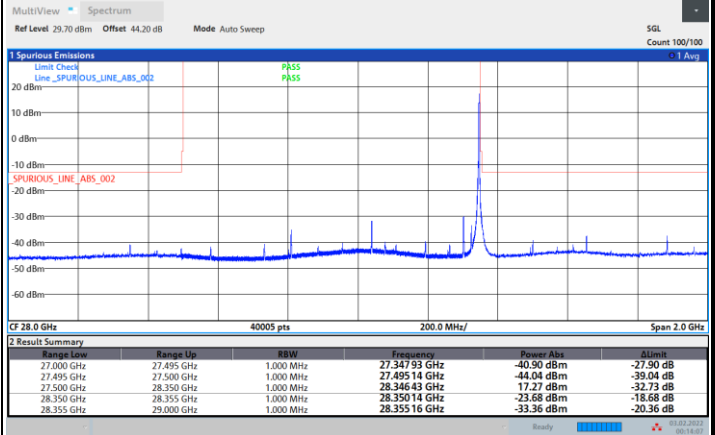
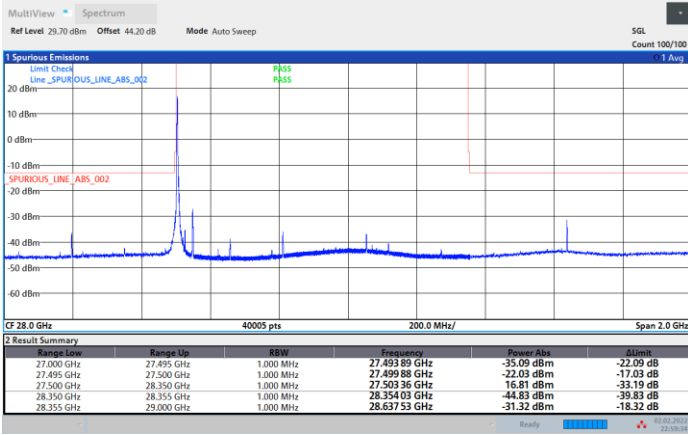


CP-OFDM Module 2

NR Band n261 / 50MHz / QPSK

Lowest Band Edge / 1 RB

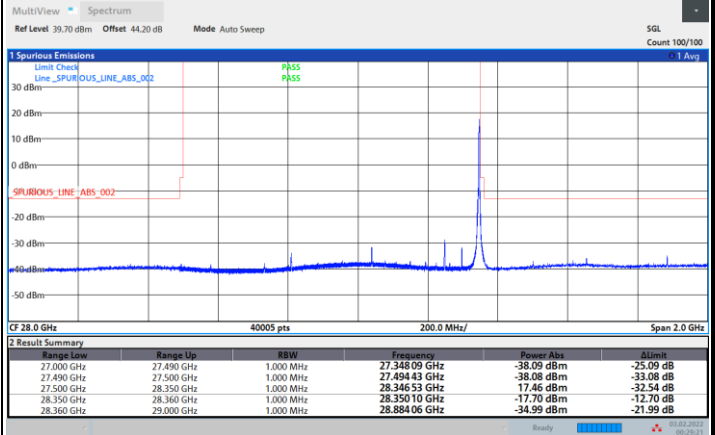
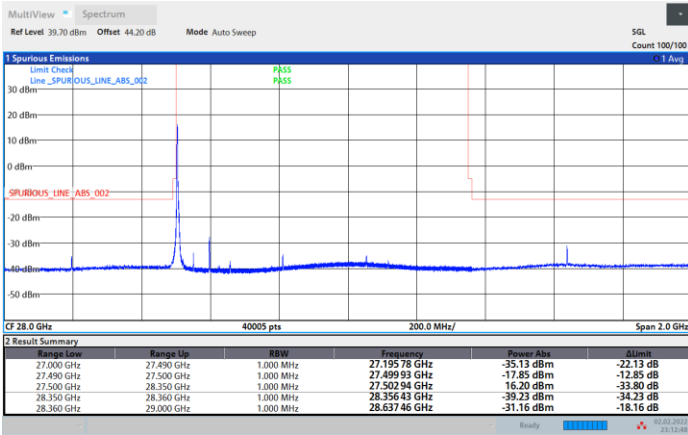
Highest Band Edge / 1 RB



NR Band n261 / 100MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB





CP-OFDM Module 2

NR Band n261 / 200MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

