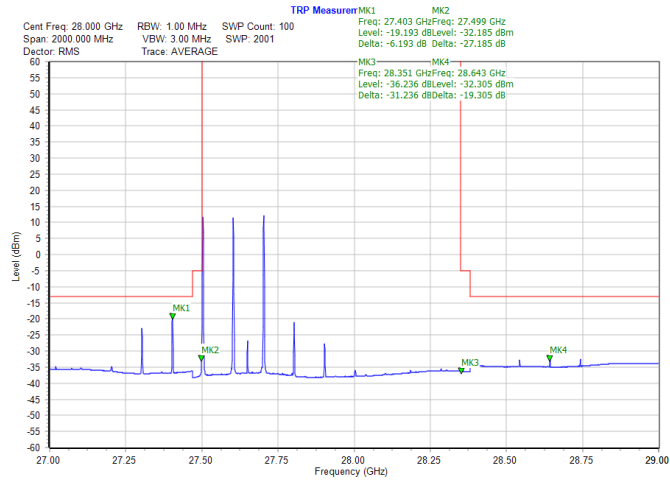




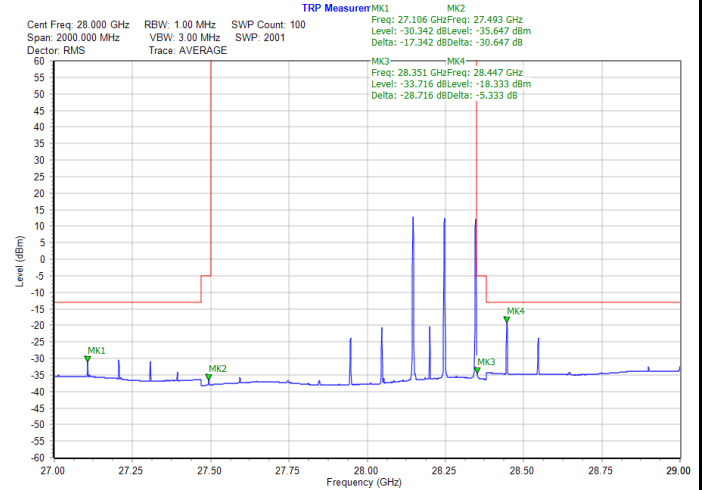
DFT-s-OFDM

NR Band n261 / 300MHz / 16QAM

Lowest Band Edge / 1 RB

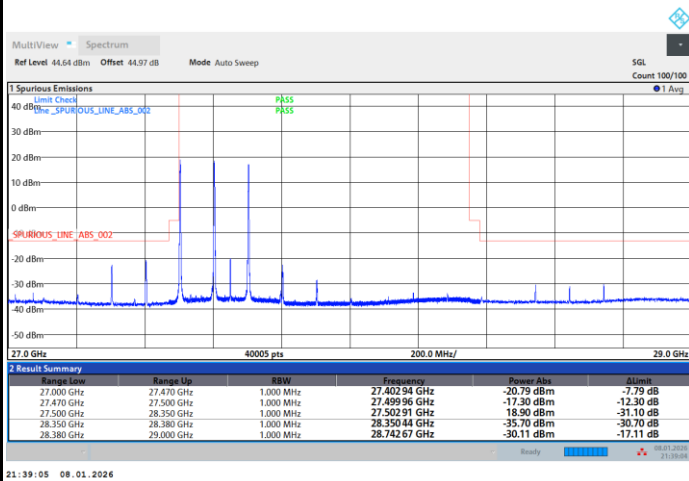


Highest Band Edge / 1 RB

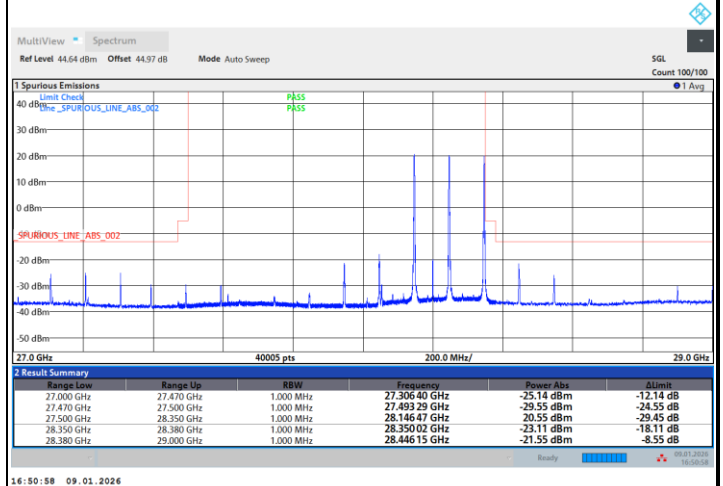


NR Band n261 / 300MHz / 64QAM

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



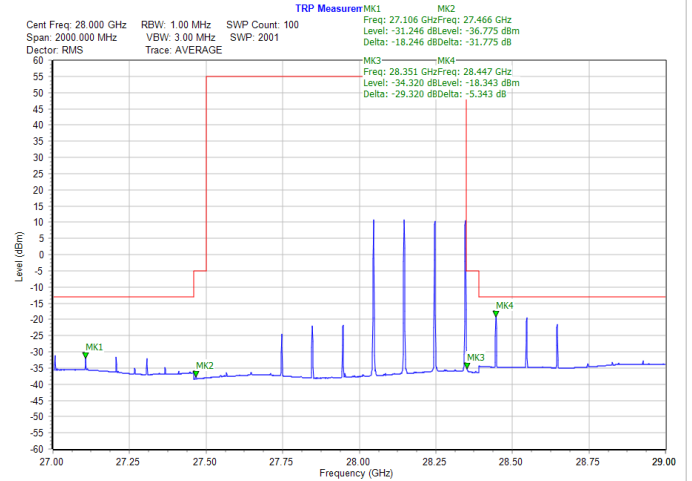
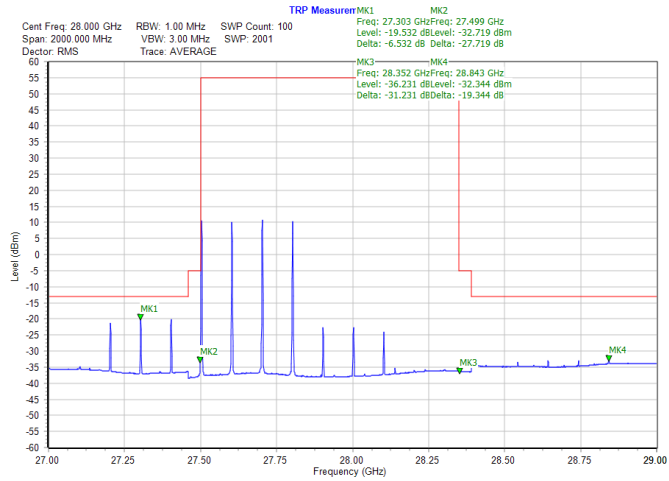


DFT-s-OFDM

NR Band n261 / 400MHz / QPSK

Lowest Band Edge / 1 RB

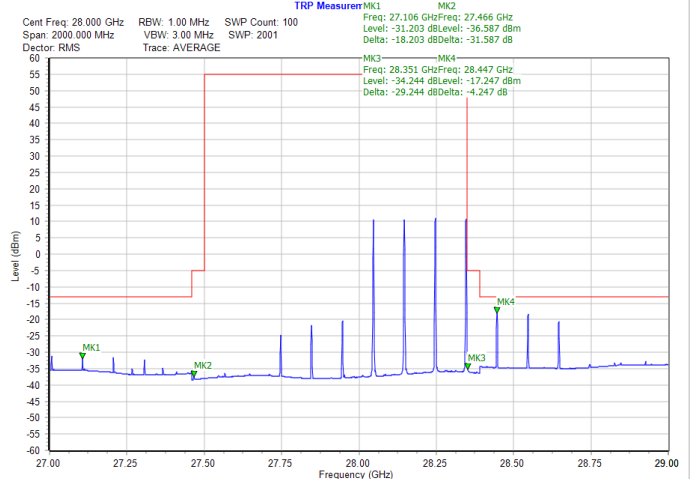
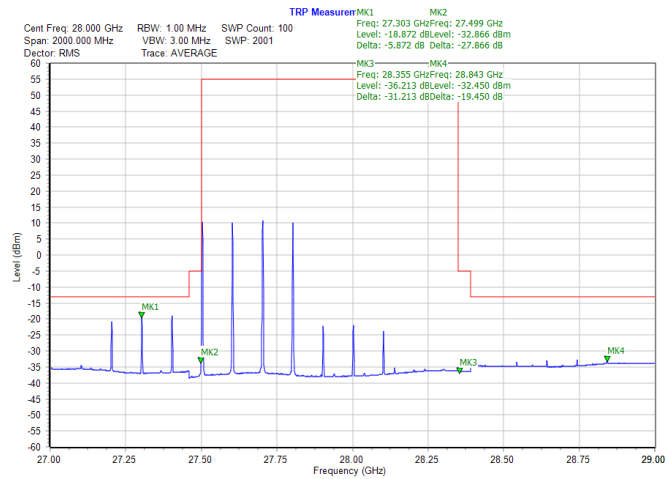
Highest Band Edge / 1 RB



NR Band n261 / 400MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



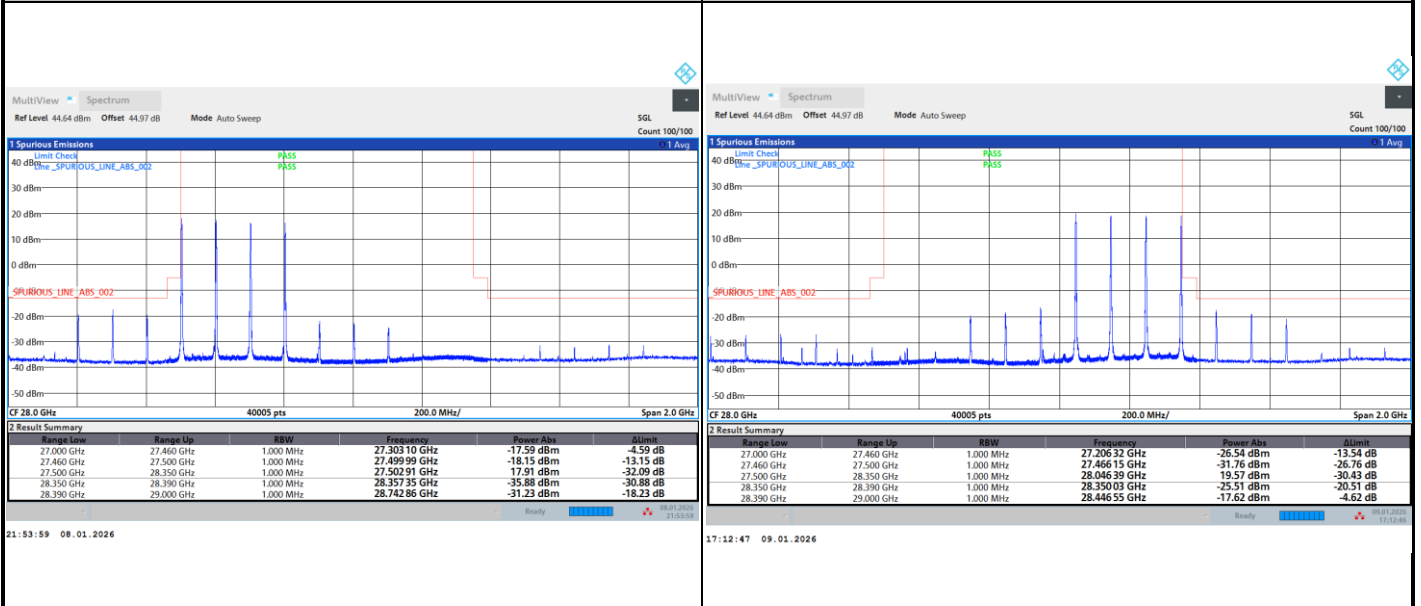


DFT-s-OFDM

NR Band n261 / 400MHz / 64QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



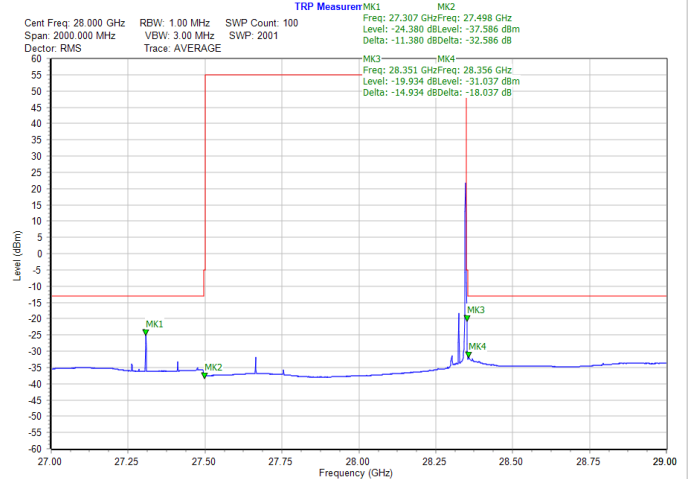
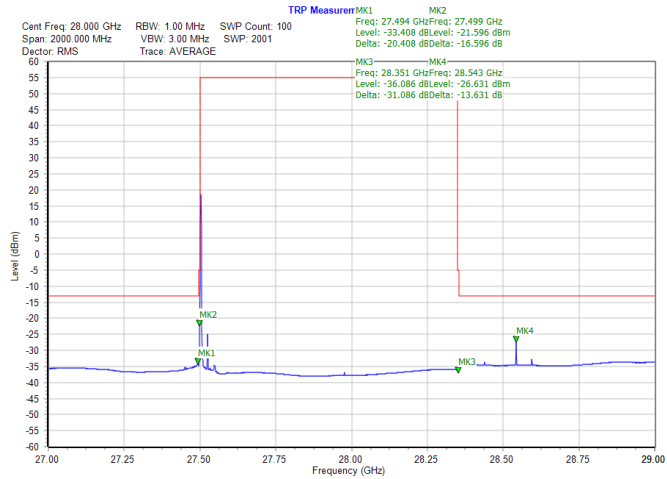


CP-OFDM

NR Band n261 / 50MHz / QPSK

Lowest Band Edge / 1 RB

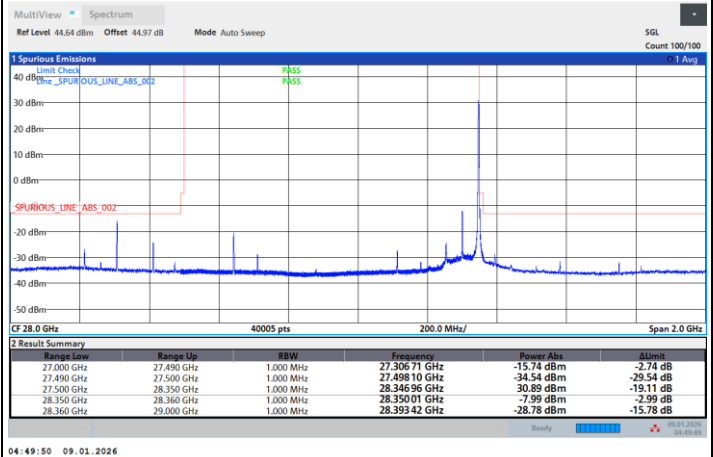
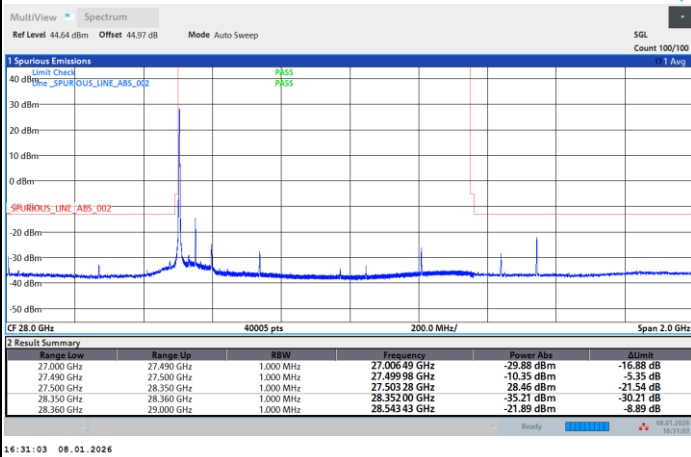
Highest Band Edge / 1 RB



NR Band n261 / 100MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



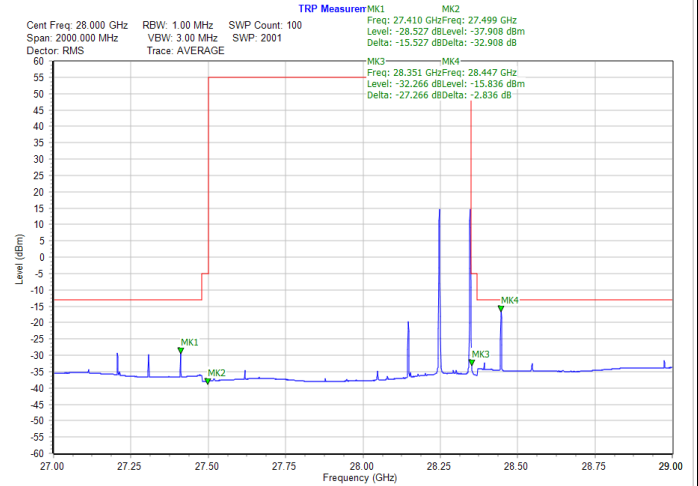
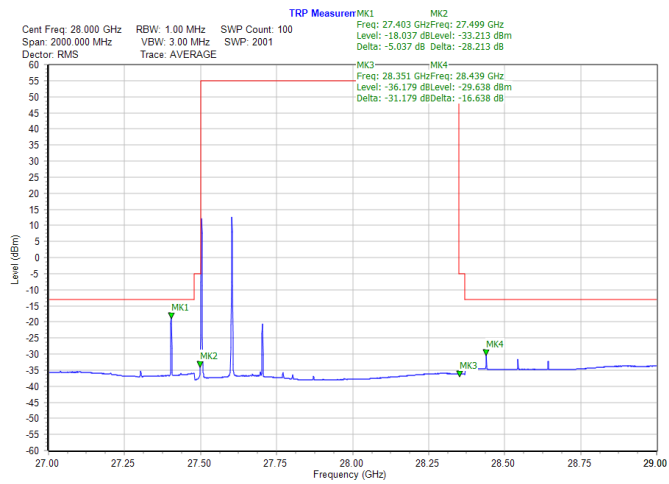


CP-OFDM

NR Band n261 / 200MHz / QPSK

Lowest Band Edge / 1 RB

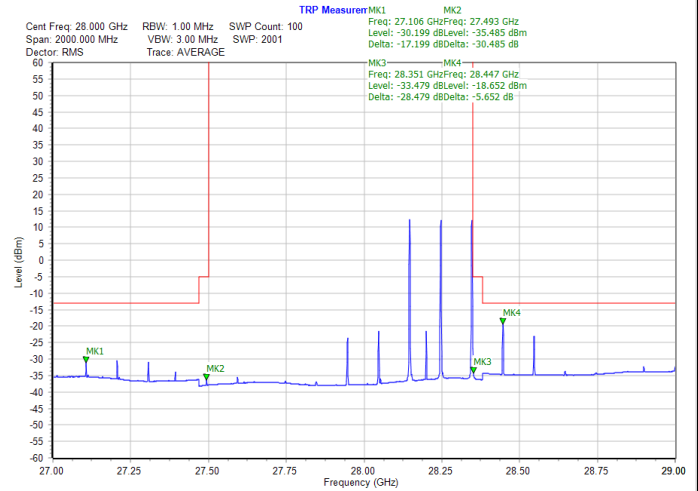
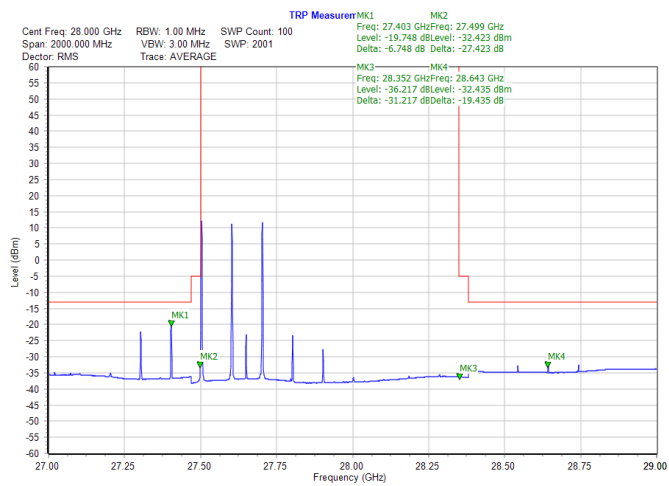
Highest Band Edge / 1 RB



NR Band n261 / 300MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



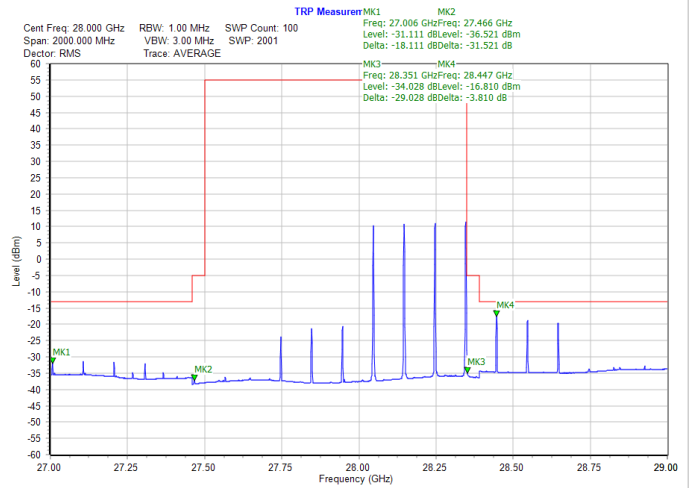
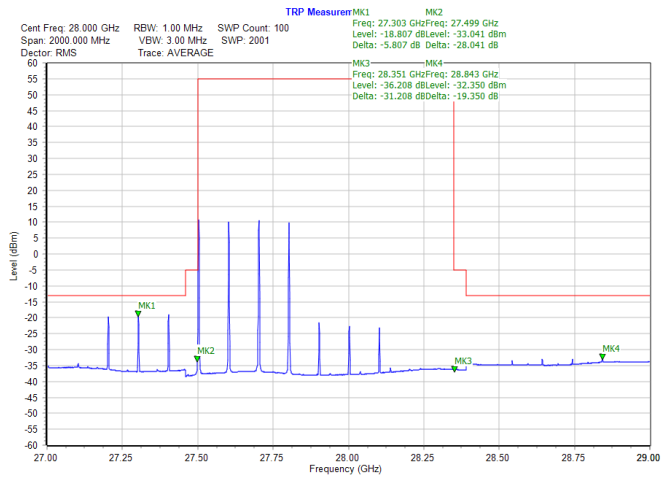


CP-OFDM

NR Band n261 / 400MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

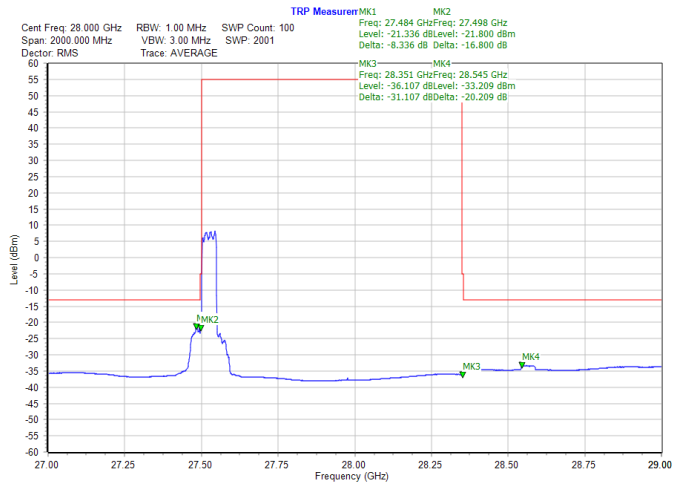




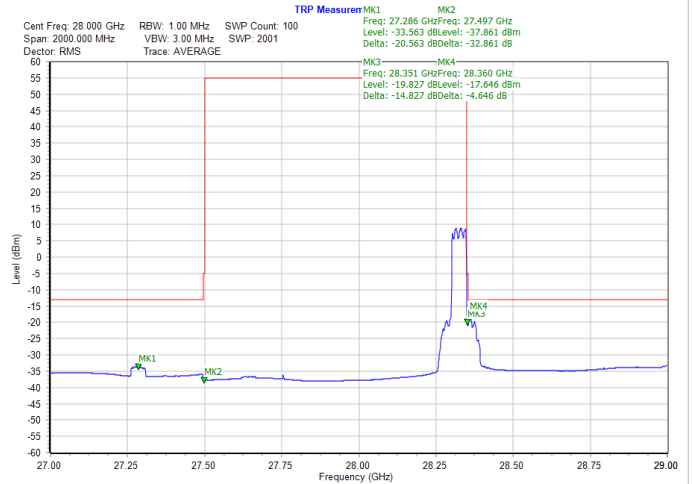
DFT-s-OFDM

NR Band n261 / 50MHz / QPSK

Lowest Band Edge / Full RB

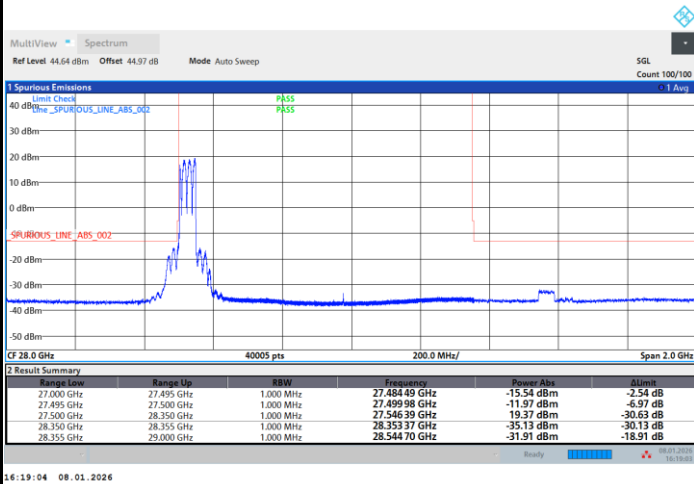


Highest Band Edge / Full RB

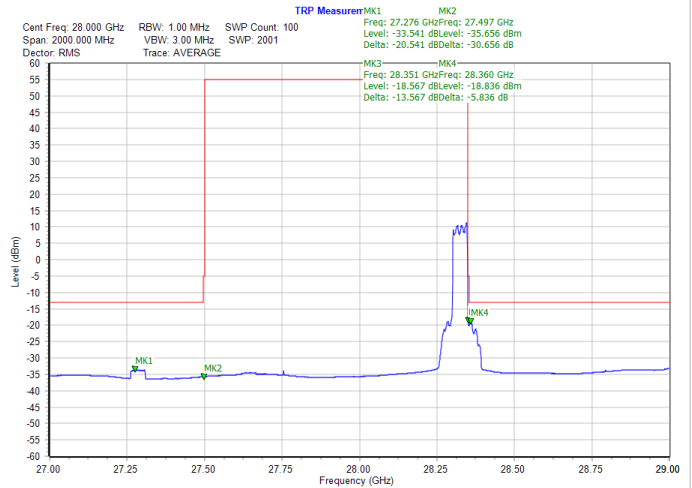


NR Band n261 / 50MHz / 16QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

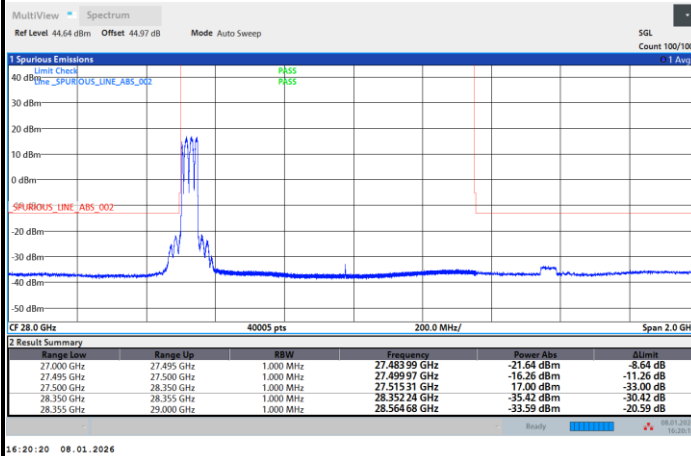




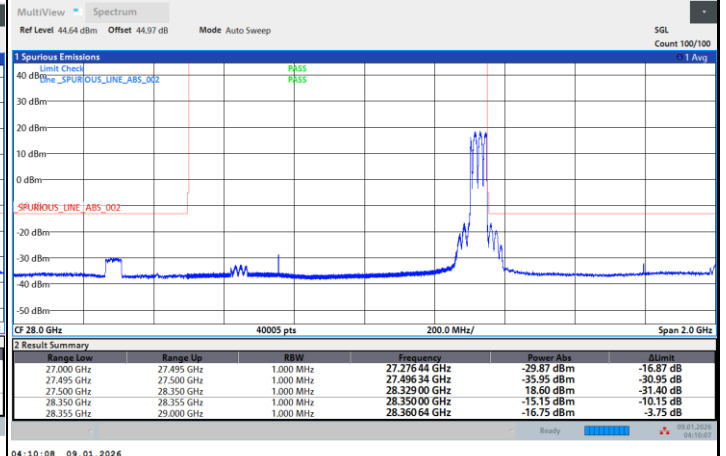
DFT-s-OFDM

NR Band n261 / 50MHz / 64QAM

Lowest Band Edge / Full RB

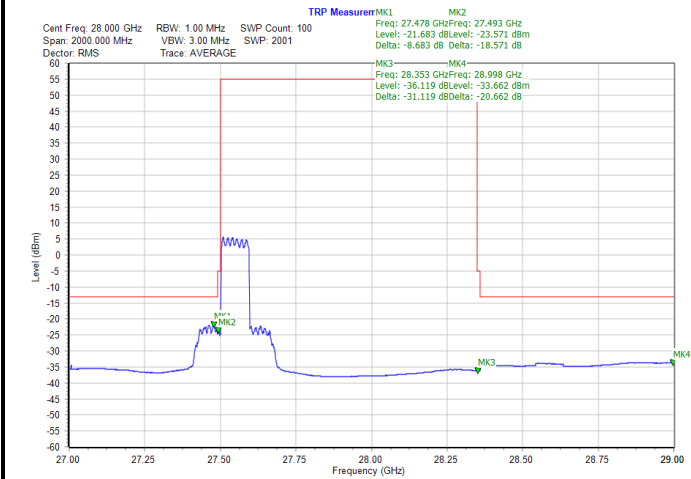


Highest Band Edge / Full RB

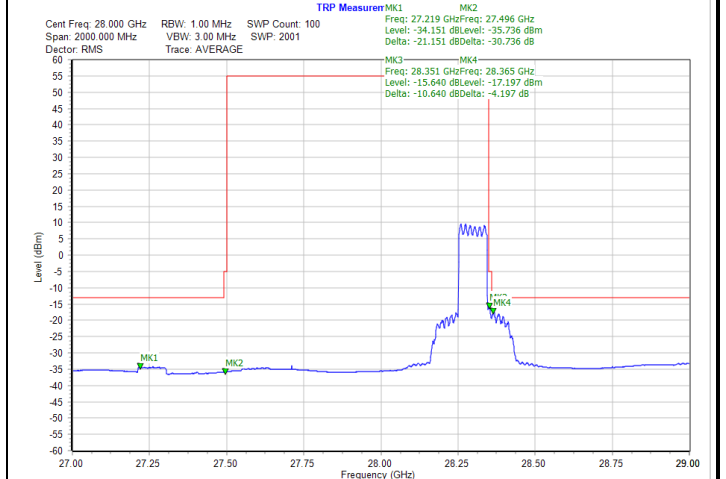


NR Band n261 / 100MHz / QPSK

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

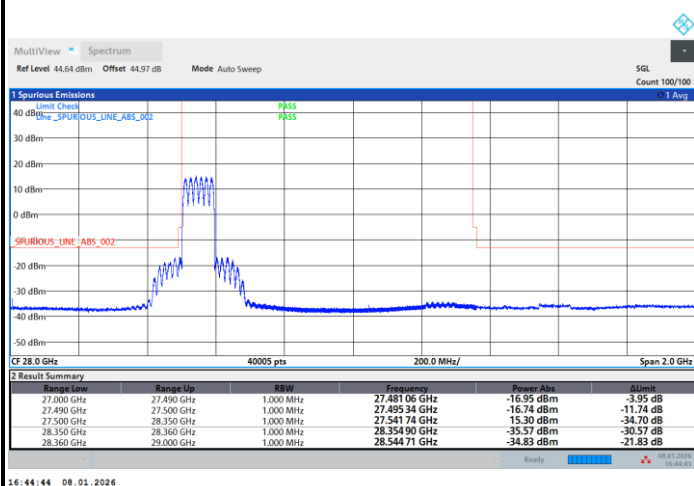




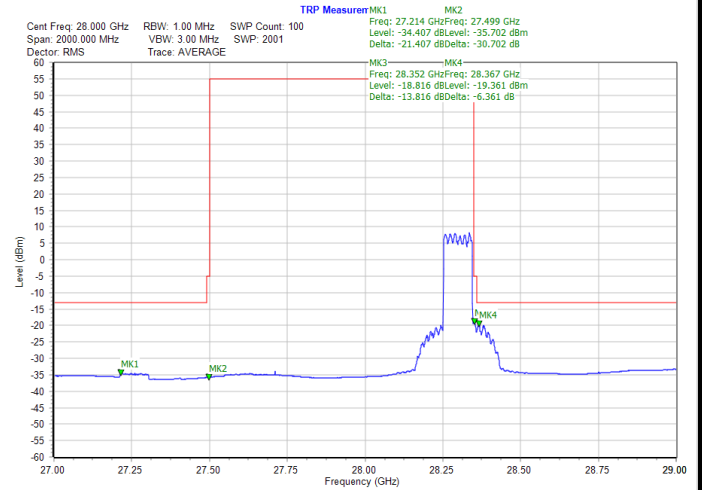
DFT-s-OFDM

NR Band n261 / 100MHz / 16QAM

Lowest Band Edge / Full RB

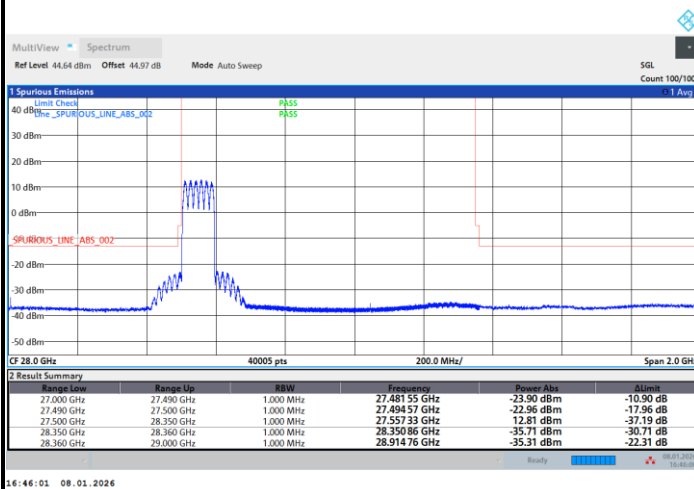


Highest Band Edge / Full RB

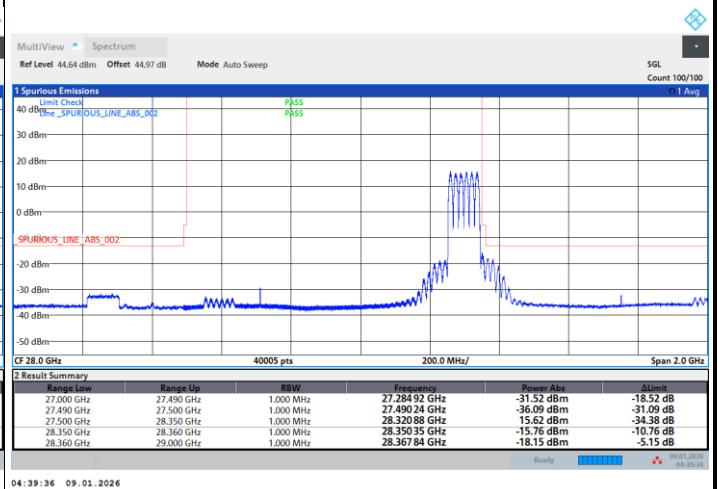


NR Band n261 / 100MHz / 64QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

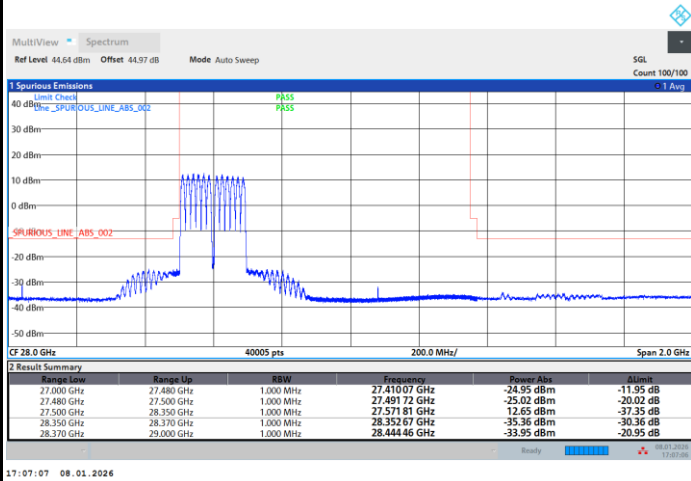




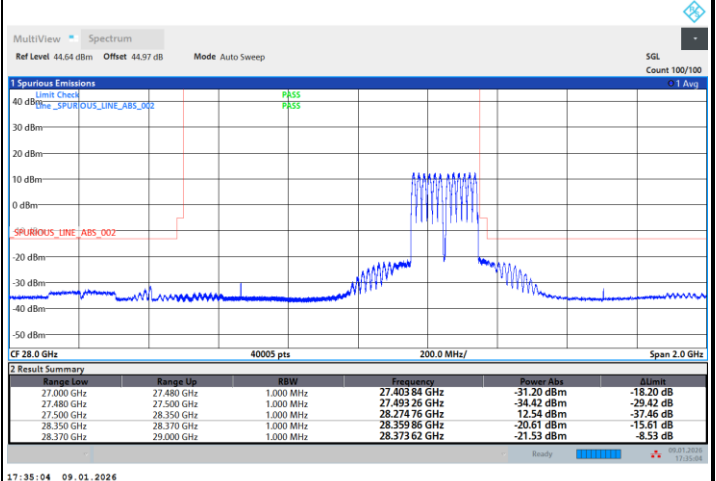
DFT-s-OFDM

NR Band n261 / 200MHz / QPSK

Lowest Band Edge / Full RB

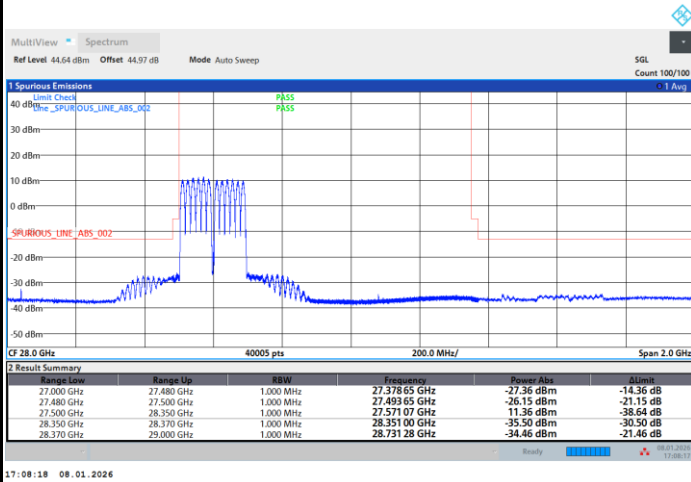


Highest Band Edge / Full RB

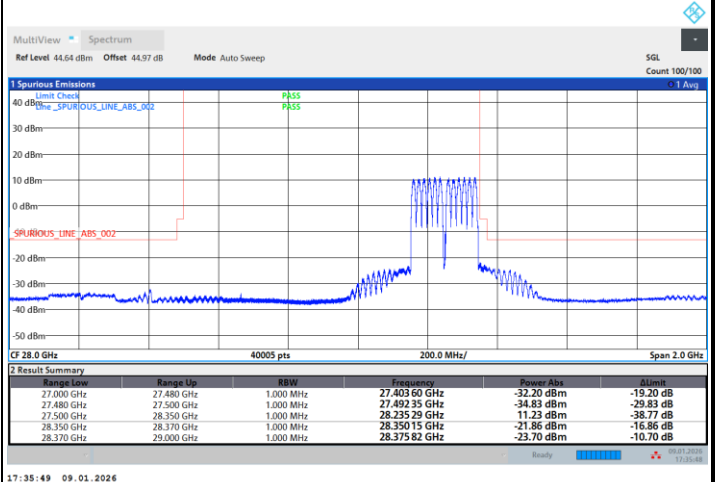


NR Band n261 / 200MHz / 16QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

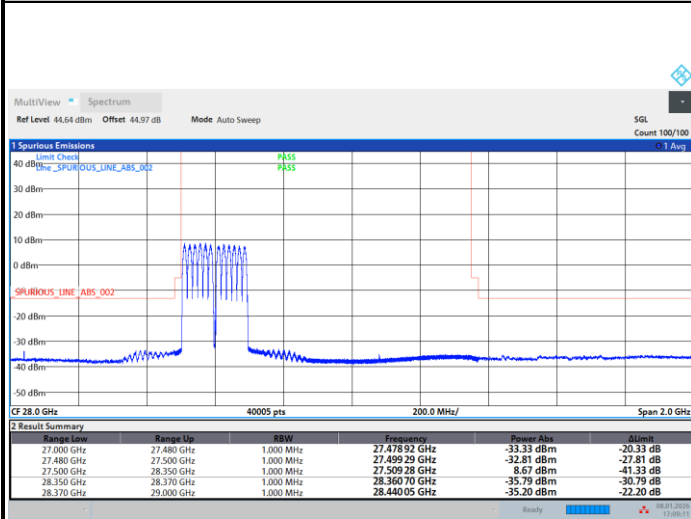




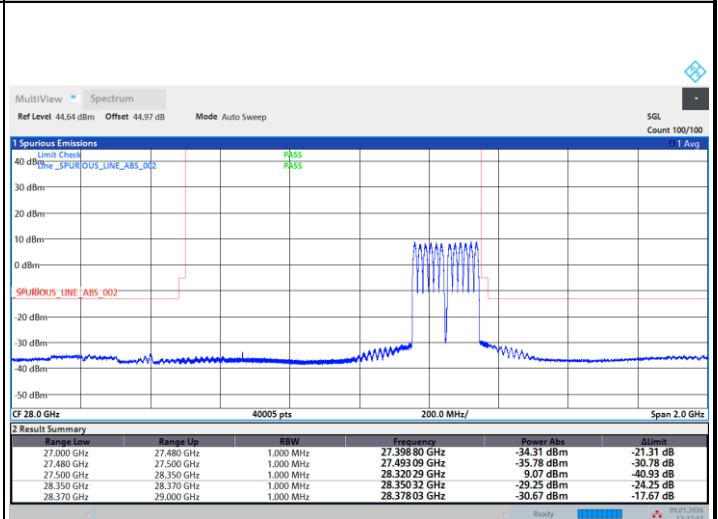
DFT-s-OFDM

NR Band n261 / 200MHz / 64QAM

Lowest Band Edge / Full RB

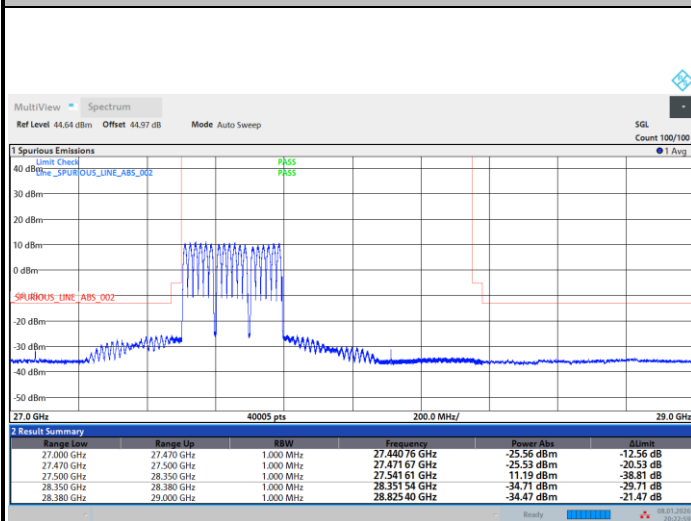


Highest Band Edge / Full RB

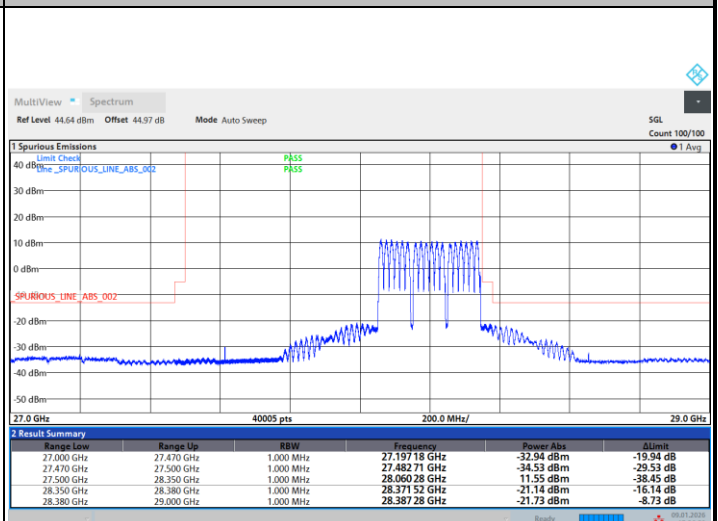


NR Band n261 / 300MHz / QPSK

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

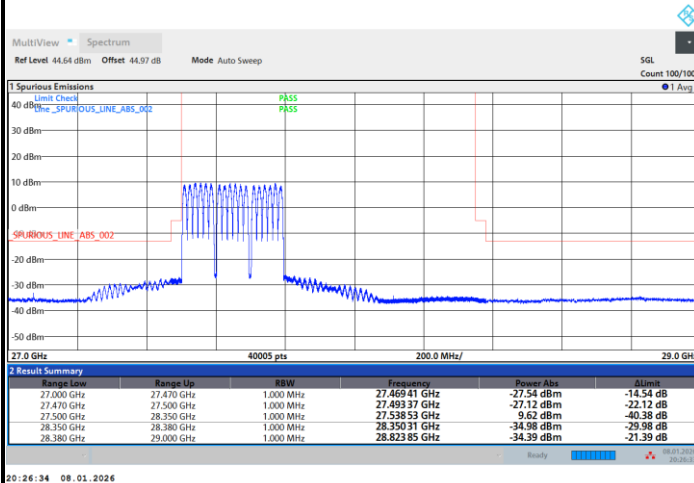




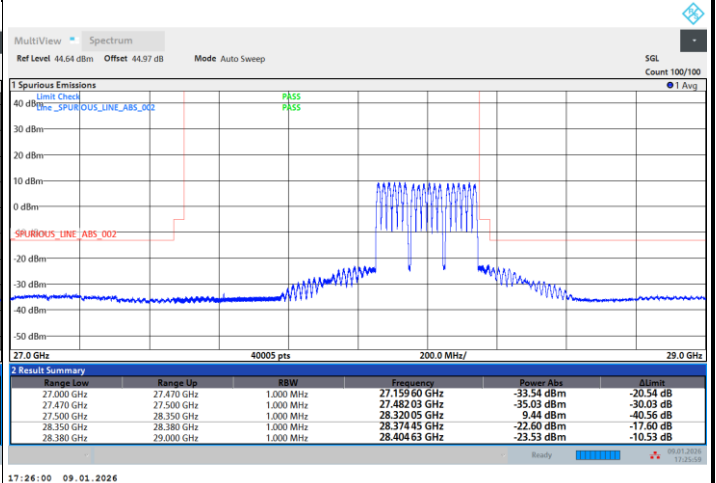
DFT-s-OFDM

NR Band n261 / 300MHz / 16QAM

Lowest Band Edge / Full RB

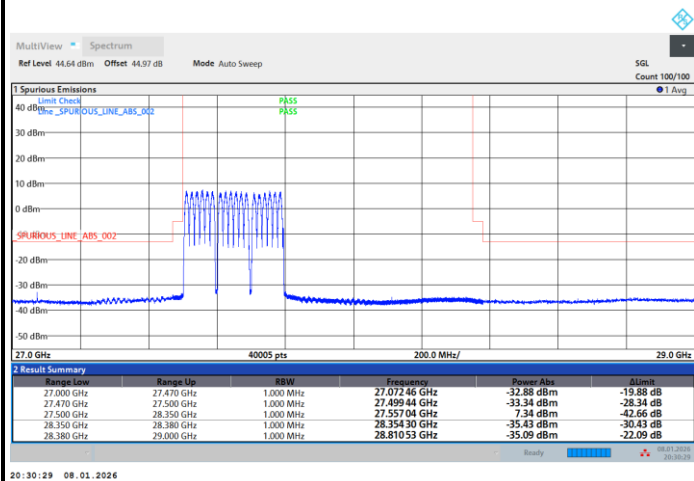


Highest Band Edge / Full RB

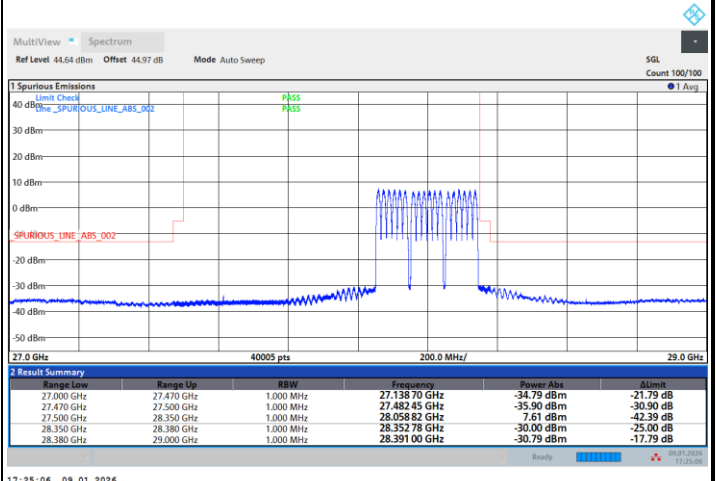


NR Band n261 / 300MHz / 64QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

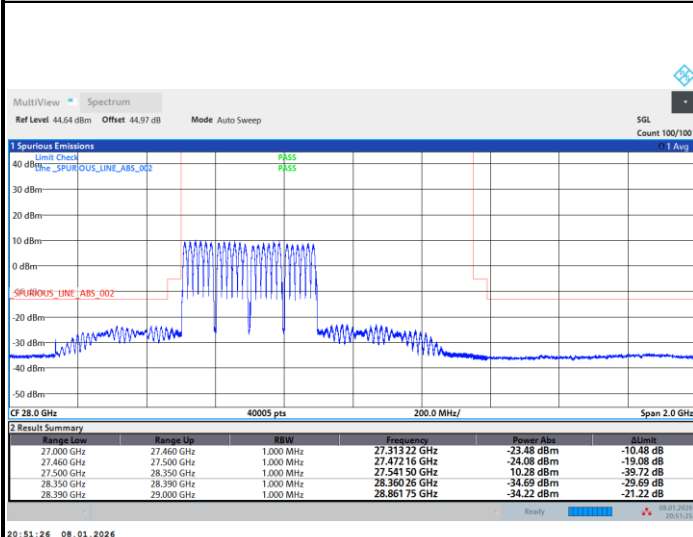




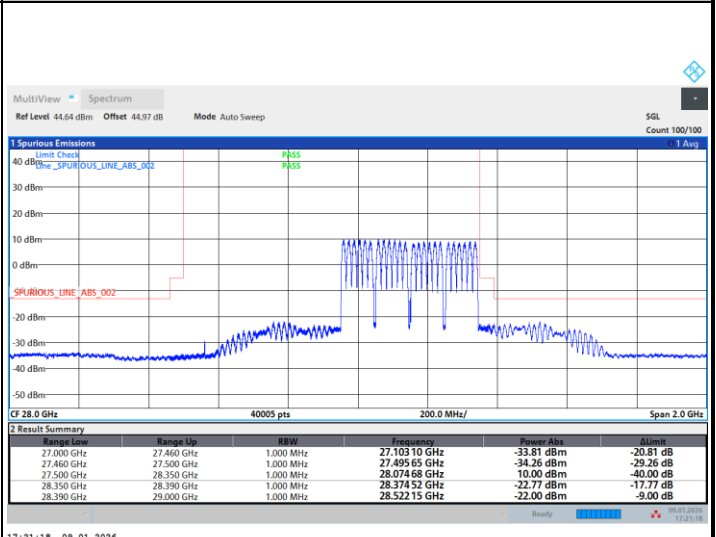
DFT-s-OFDM

NR Band n261 / 400MHz / QPSK

Lowest Band Edge / Full RB

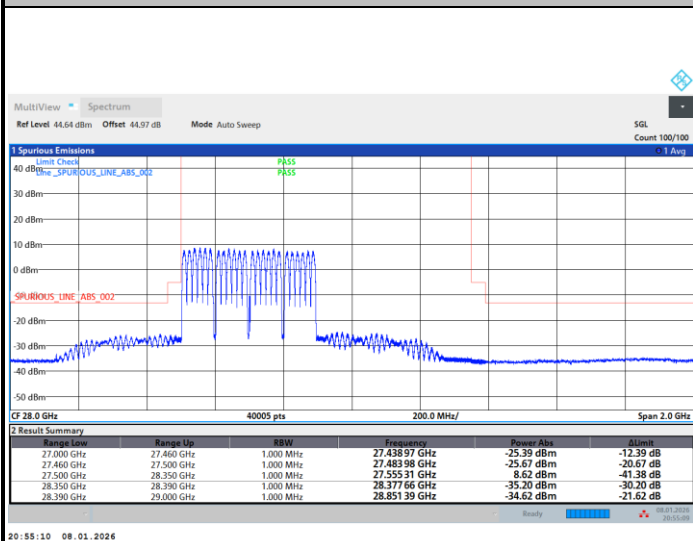


Highest Band Edge / Full RB

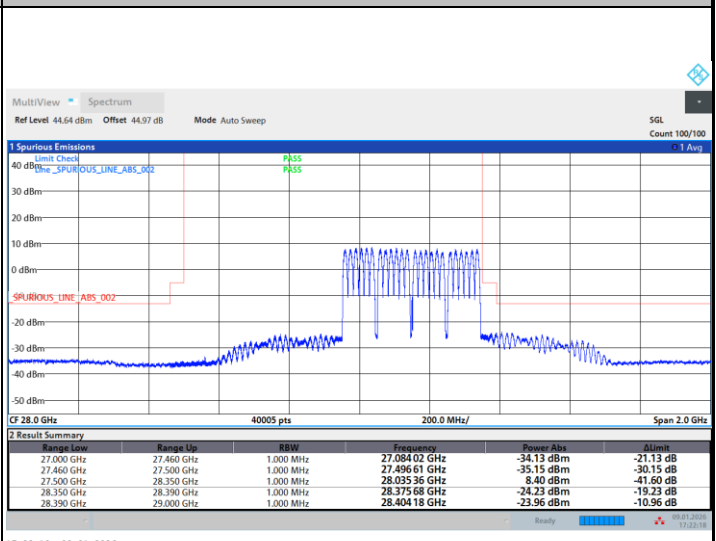


NR Band n261 / 400MHz / 16QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB



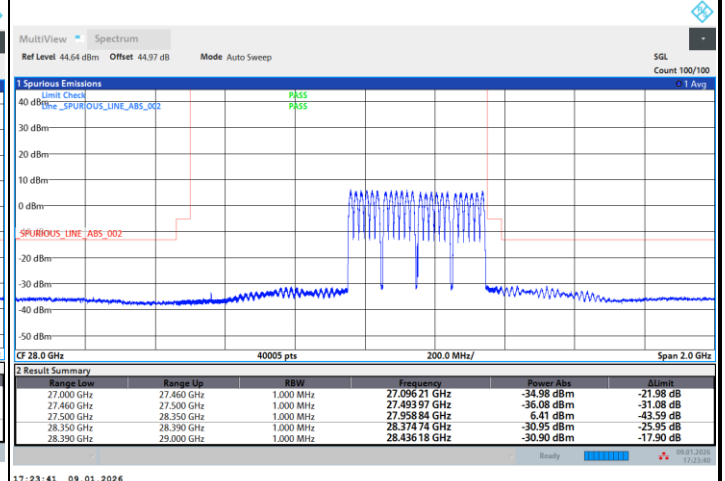
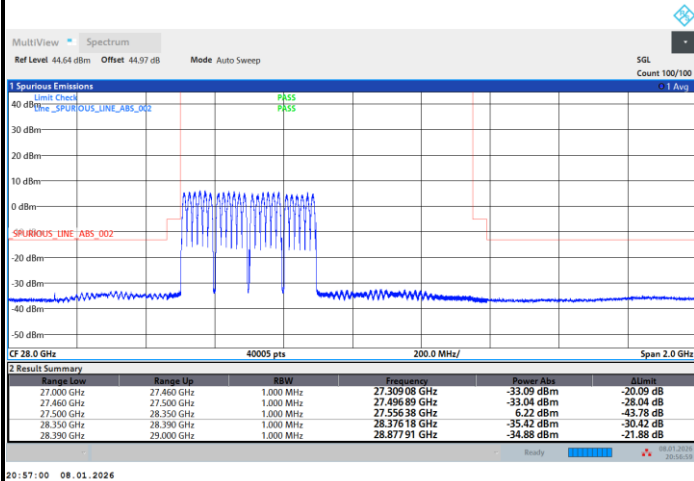


DFT-s-OFDM

NR Band n261 / 400MHz / 64QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

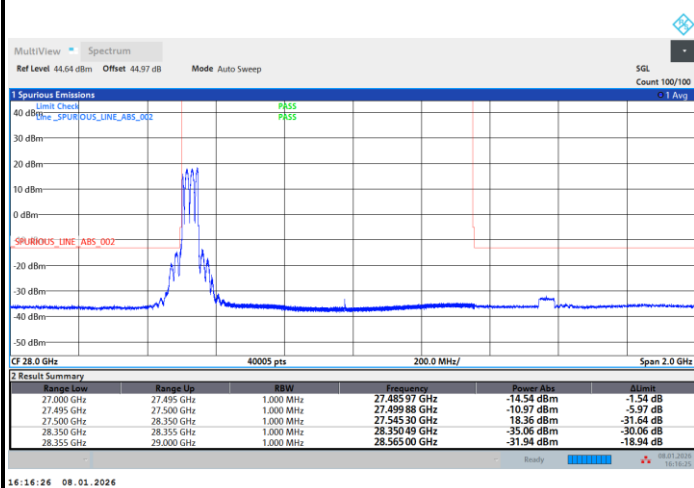




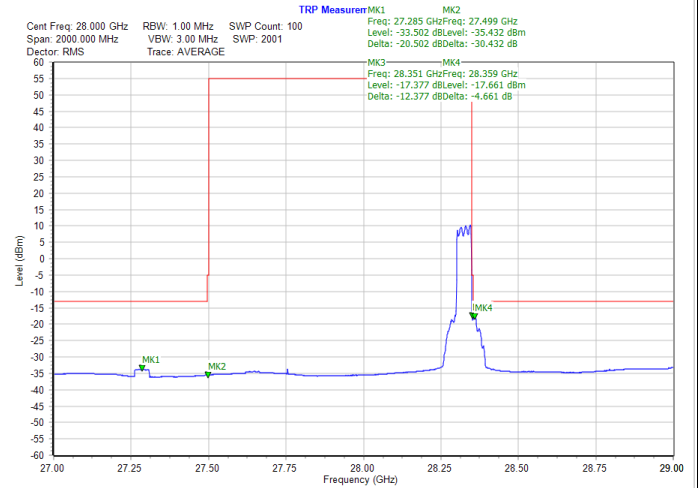
CP-OFDM

NR Band n261 / 50MHz / QPSK

Lowest Band Edge / Full RB

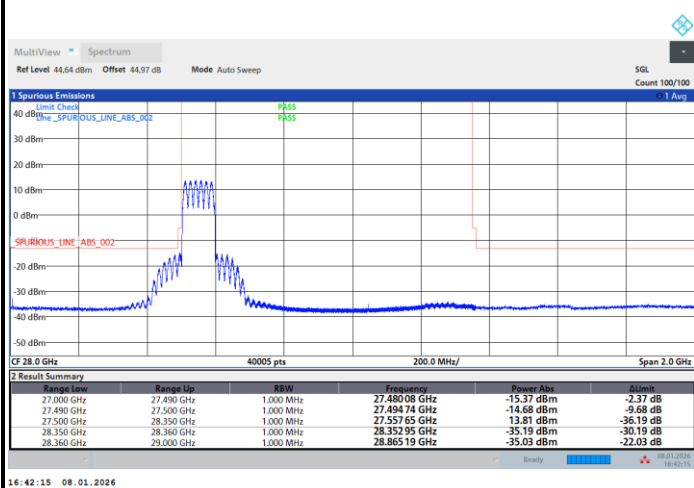


Highest Band Edge / Full RB

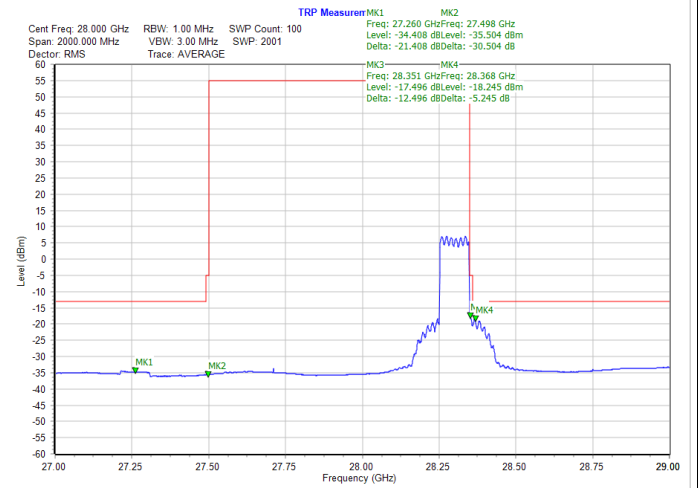


NR Band n261 / 100MHz / QPSK

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

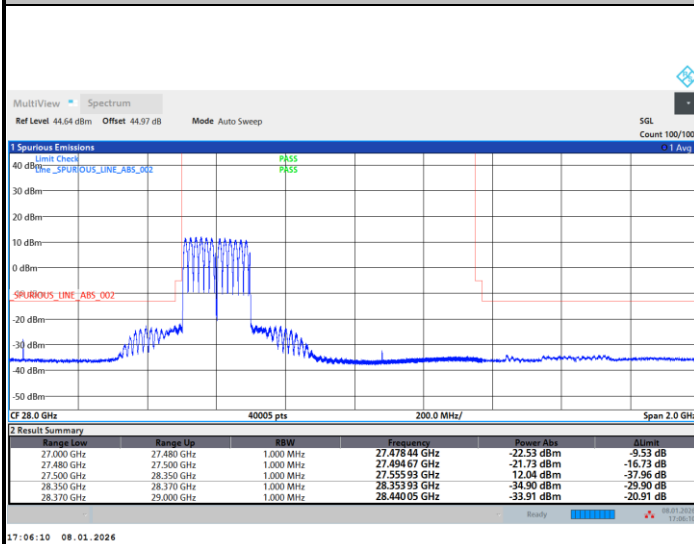




CP-OFDM

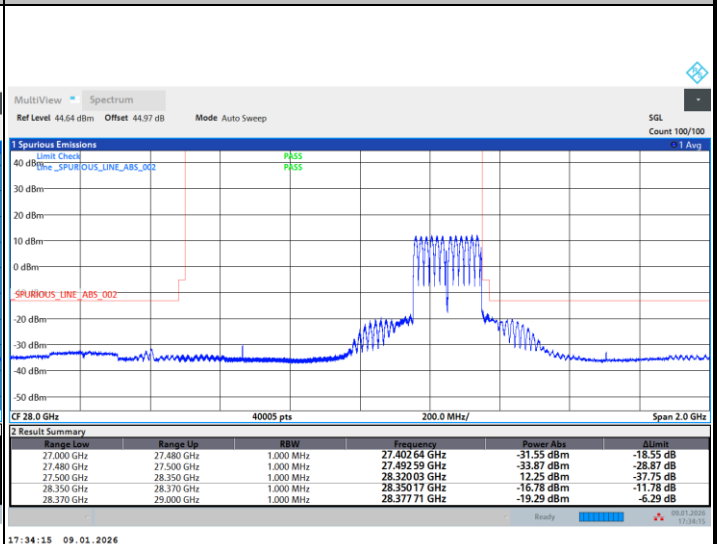
NR Band n261 / 200MHz / QPSK

Lowest Band Edge / Full RB



17:06:10 08.01.2026

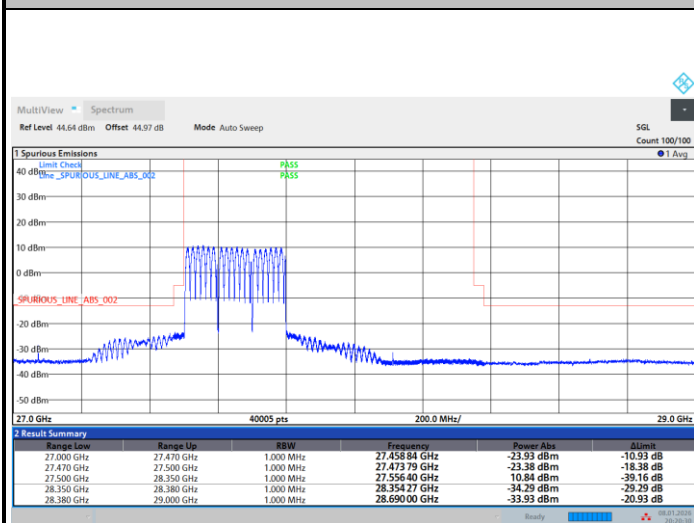
Highest Band Edge / Full RB



17:34:15 09.01.2026

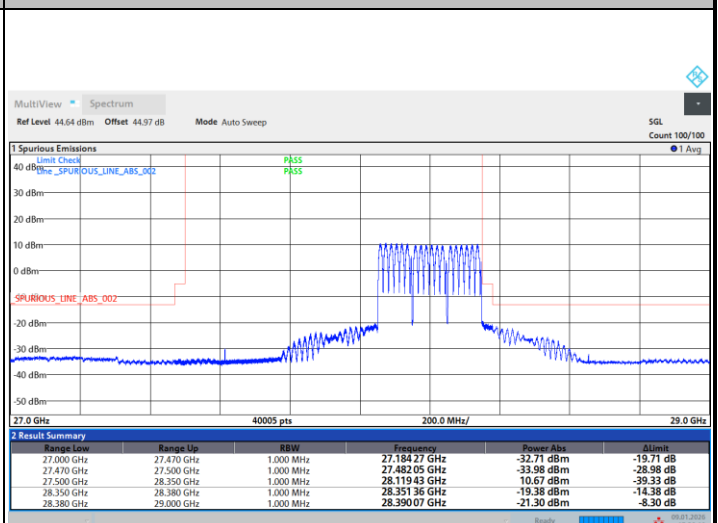
NR Band n261 / 300MHz / QPSK

Lowest Band Edge / Full RB



20:20:30 08.01.2026

Highest Band Edge / Full RB



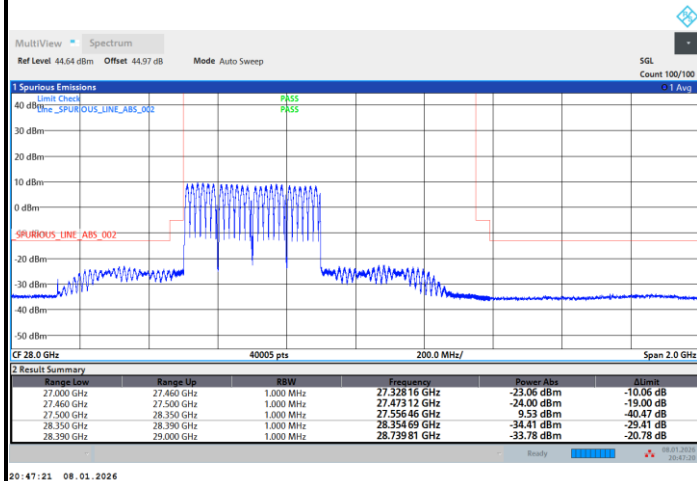
17:28:11 09.01.2026



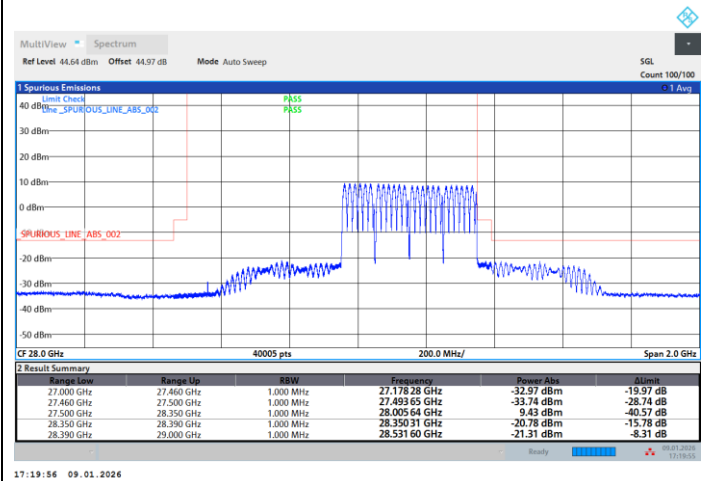
CP-OFDM

NR Band n261 / 400MHz / QPSK

Lowest Band Edge / Full RB



Highest Band Edge / Full RB





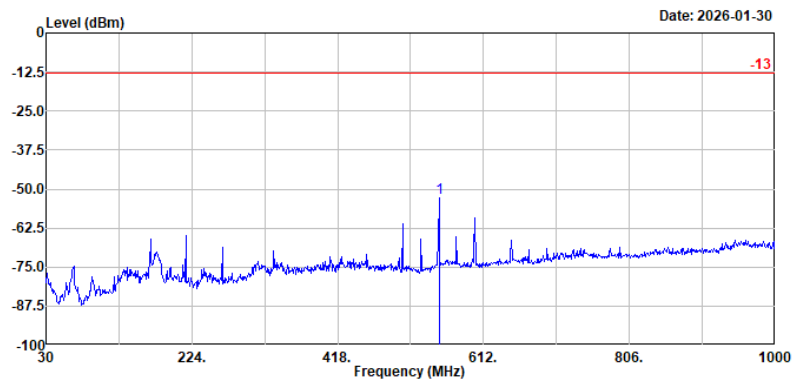
Spurious Emission

There is no significant spurious emission signal found for frequency started from 30MHz up to 18GHz.

Only the noise floor is reported.

NR Band n261 (30MHz-1GHz)

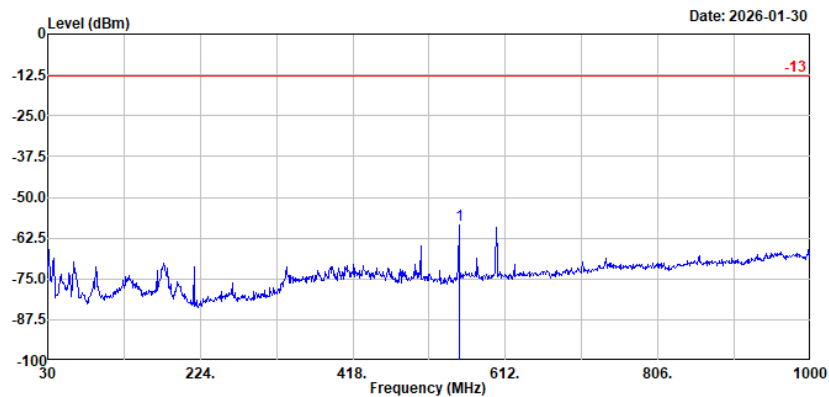
Horizontal



Site : 03CH23-HY
Condition: -13 3m CBL6111D_62028 & 003_251126 Horizontal
: n261 50M L DFT QPSK

	Freq	Level	Detector	Ant Amp\Cb Filter				Readin Limit		Margin	Pol
				Factor	1	EIRPCF	g	dBuV	dBm		
	MHz	dBm		dB/m	dB	dB	dB			dB	
1	552.83	-52.76	RMS	25.57	-29.77	0.14	-95.23	46.53	-13.00	-39.76	Horizontal

Vertical



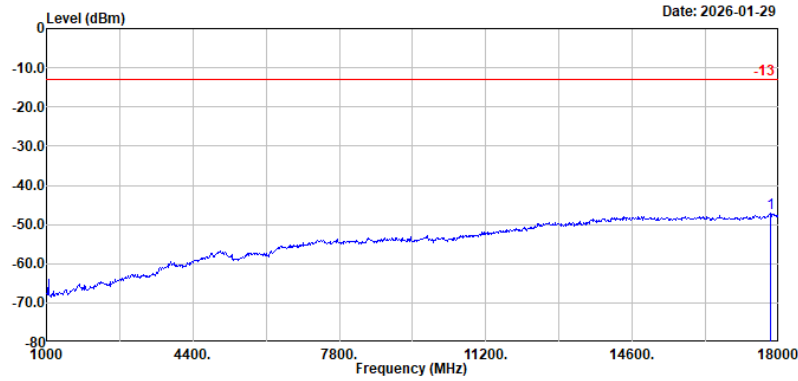
Site : 03CH23-HY
Condition: -13 3m CBL6111D_62028 & 003_251126 Vertical
: n261 50M L DFT QPSK

	Freq	Level	Detector	Ant Amp\Cb Filter				Readin Limit		Margin	Pol
				Factor	1	EIRPCF	g	dBuV	dBm		
	MHz	dBm		dB/m	dB	dB	dB			dB	
1	552.83	-58.65	RMS	25.57	-29.77	0.14	-95.23	40.64	-13.00	-45.65	Vertical



NR Band n261 (1GHz-18GHz)

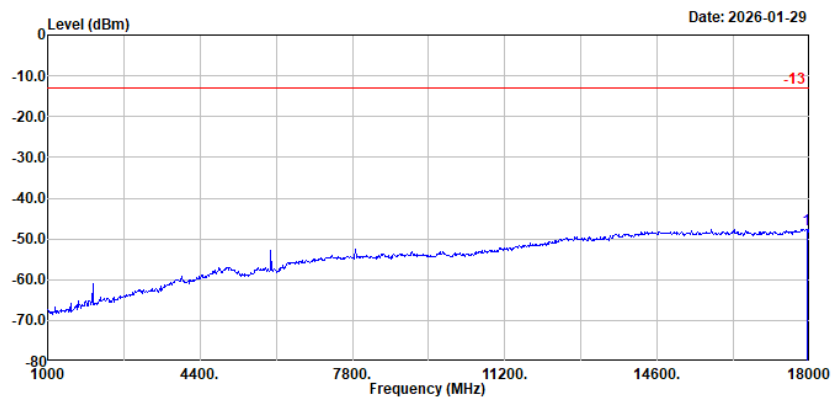
Horizontal



Site : 03CH23-HY
Condition: -13 3m DRH18-E_LE2C05A18EN_250702 Horizontal
: n261 50M L DFT QPSK

Freq	Level	Detector	Ant Factor	Amp	Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB	
1 17813.00	-47.24	RMS	40.37	-26.74	4.00	-95.23	30.36	-13.00	-34.24	Horizontal	

Vertical



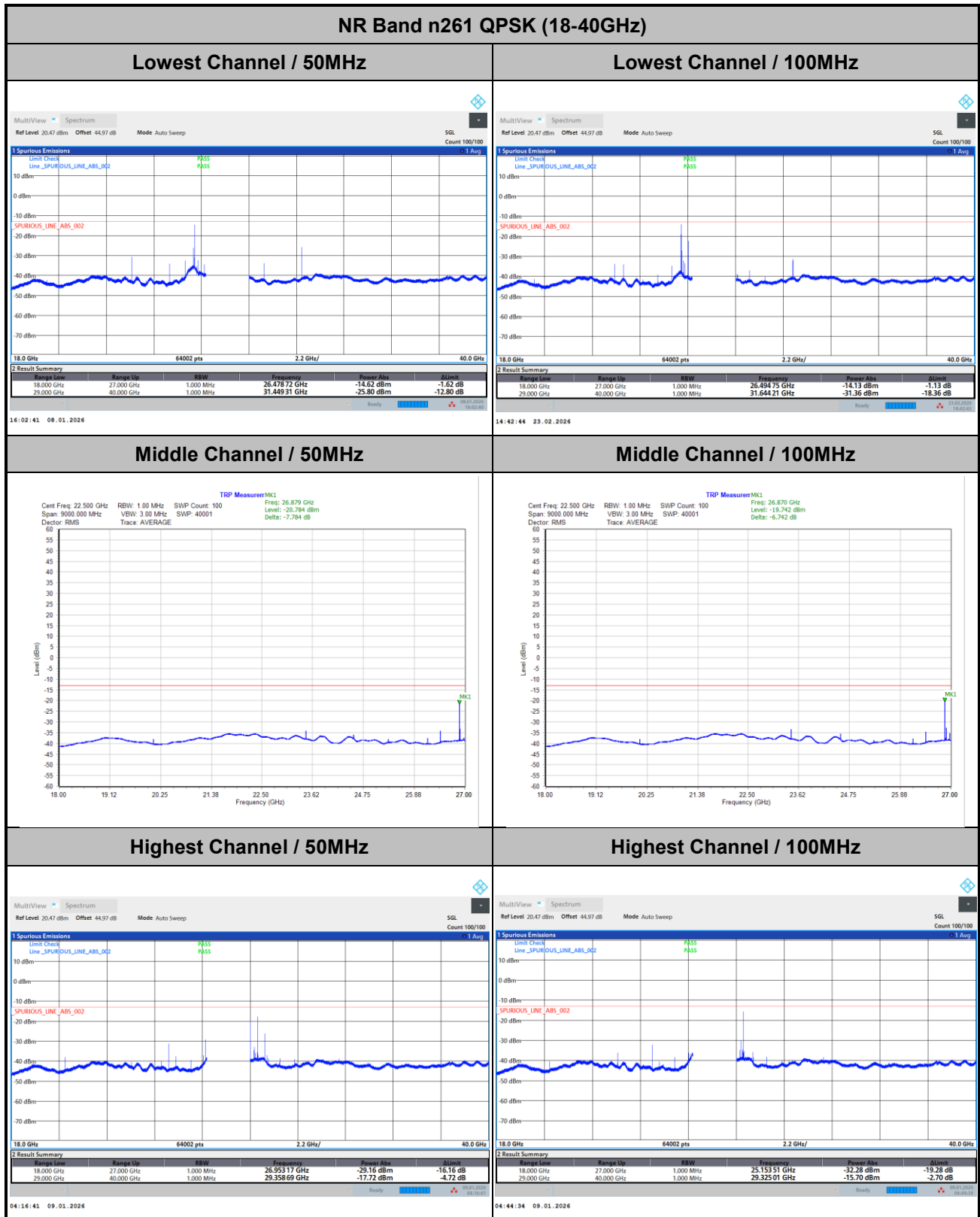
Site : 03CH23-HY
Condition: -13 3m DRH18-E_LE2C05A18EN_250702 Vertical
: n261 50M L DFT QPSK

Freq	Level	Detector	Ant Factor	Amp	Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB	
1 17932.00	-47.63	RMS	40.50	-26.68	4.06	-95.23	29.72	-13.00	-34.63	Vertical	



Spurious emission between 18GHz to 40GHz worst case plot is reported as following.

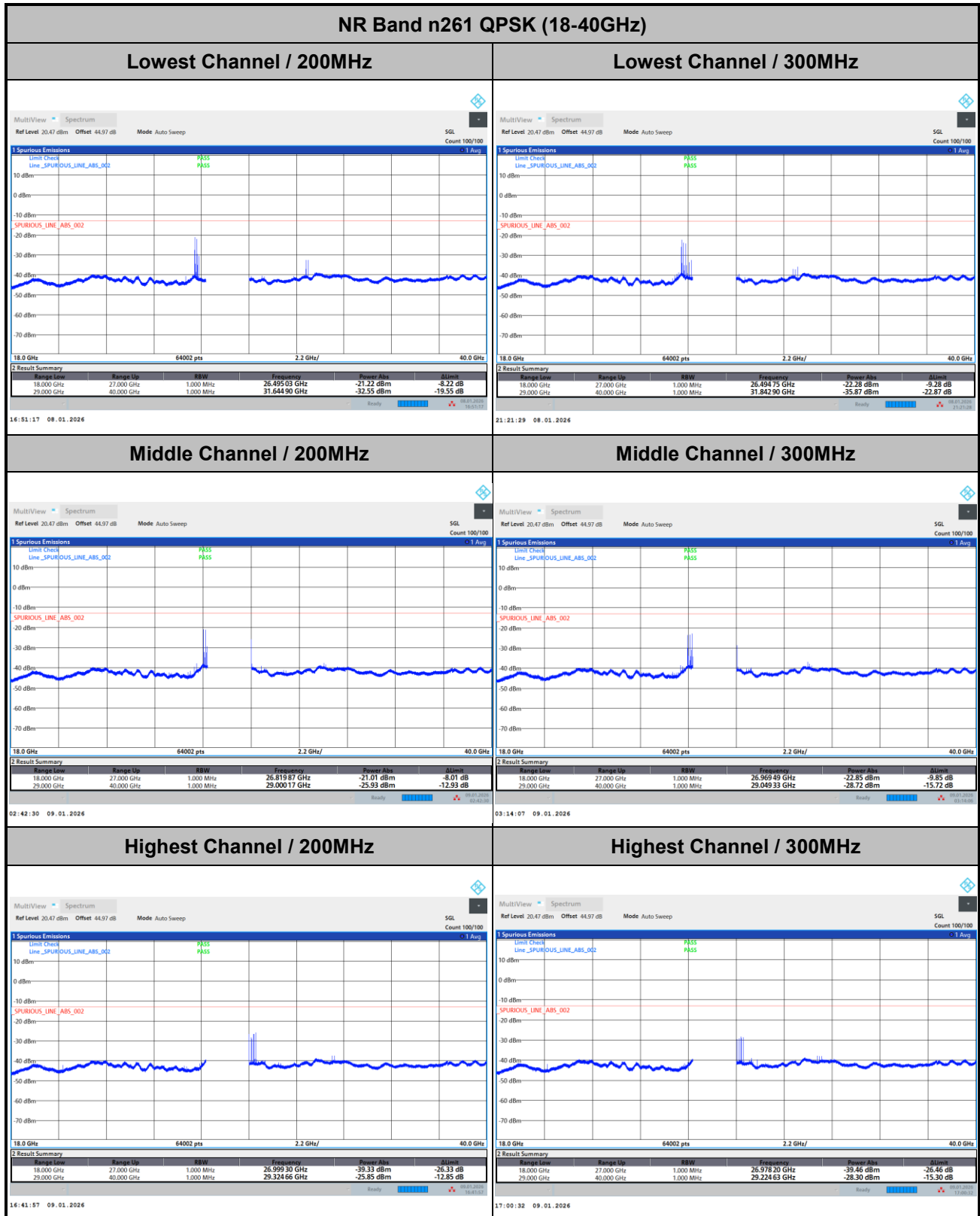
DFT-s-OFDM



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



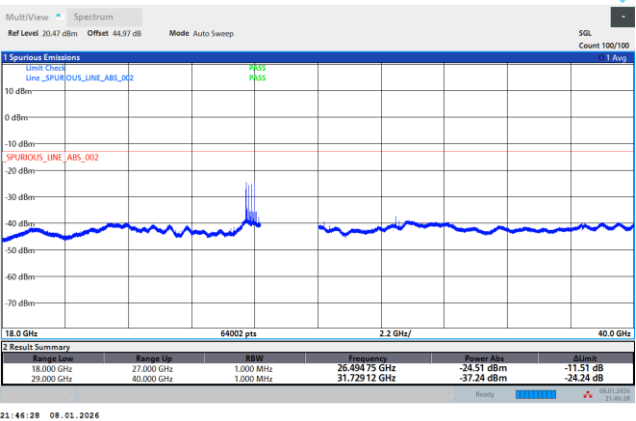
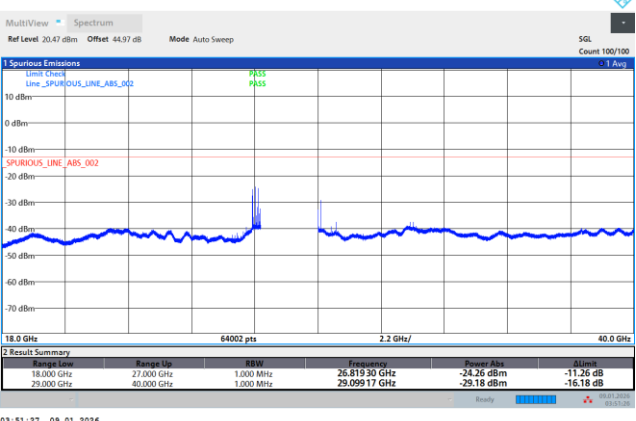
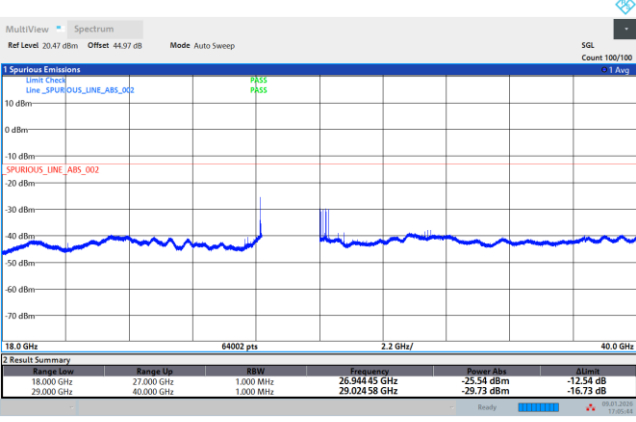
DFT-s-OFDM



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



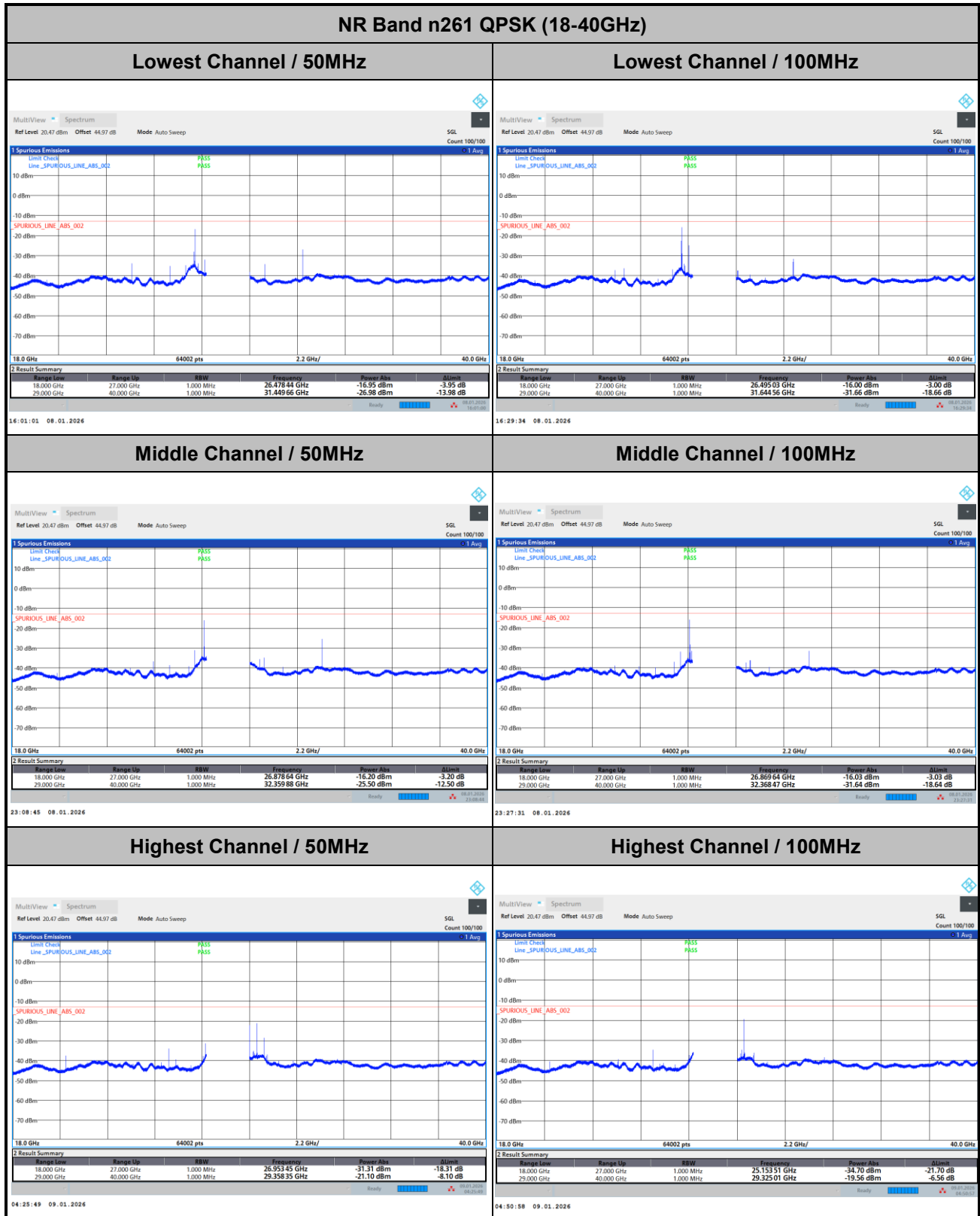
DFT-s-OFDM

NR Band n261 QPSK (18-40GHz)	
Lowest Channel / 400MHz	
 intentionally blank	
Middle Channel / 400MHz	
 intentionally blank	
Highest Channel / 400MHz	
 intentionally blank	

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



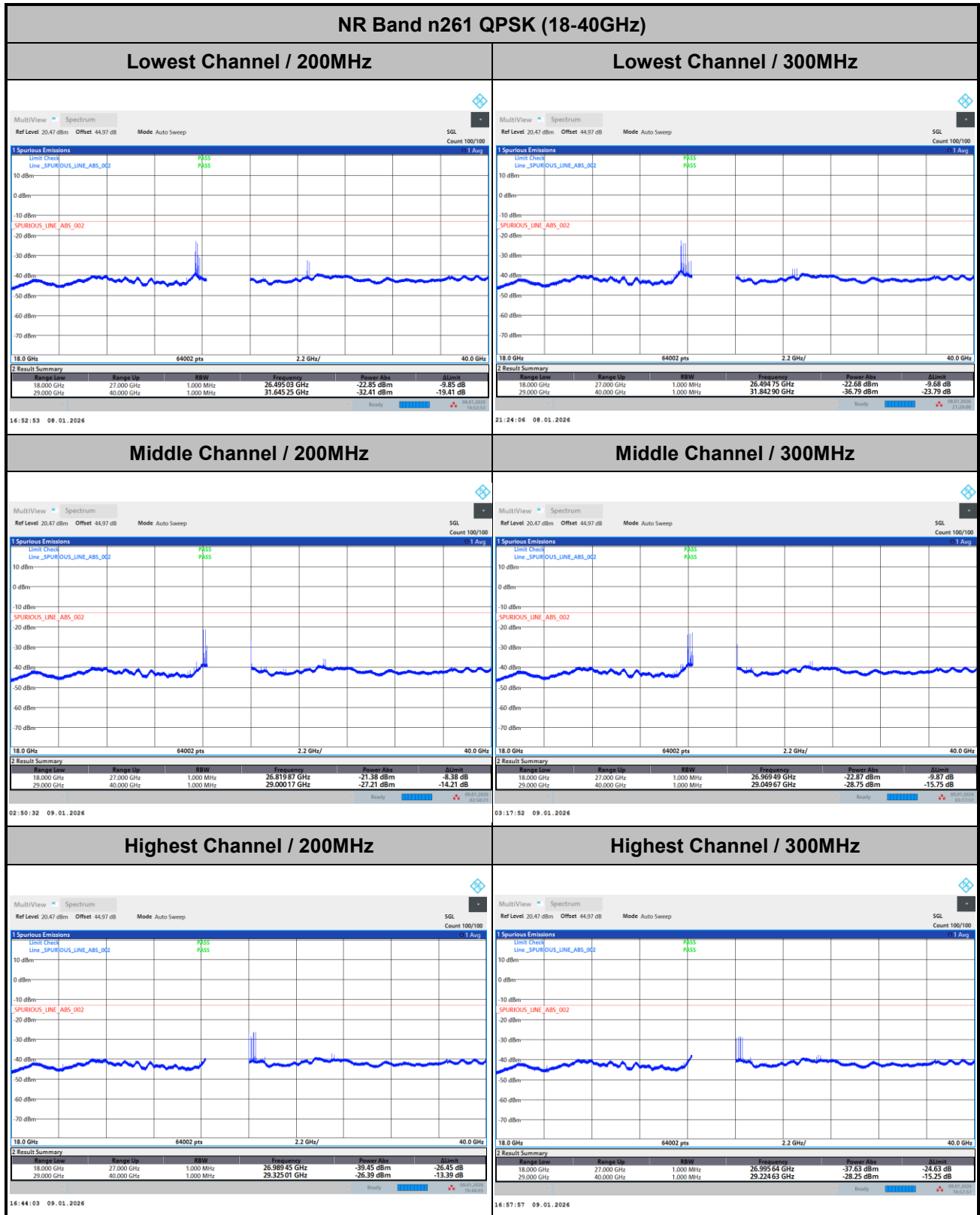
CP-OFDM



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



CP-OFDM



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



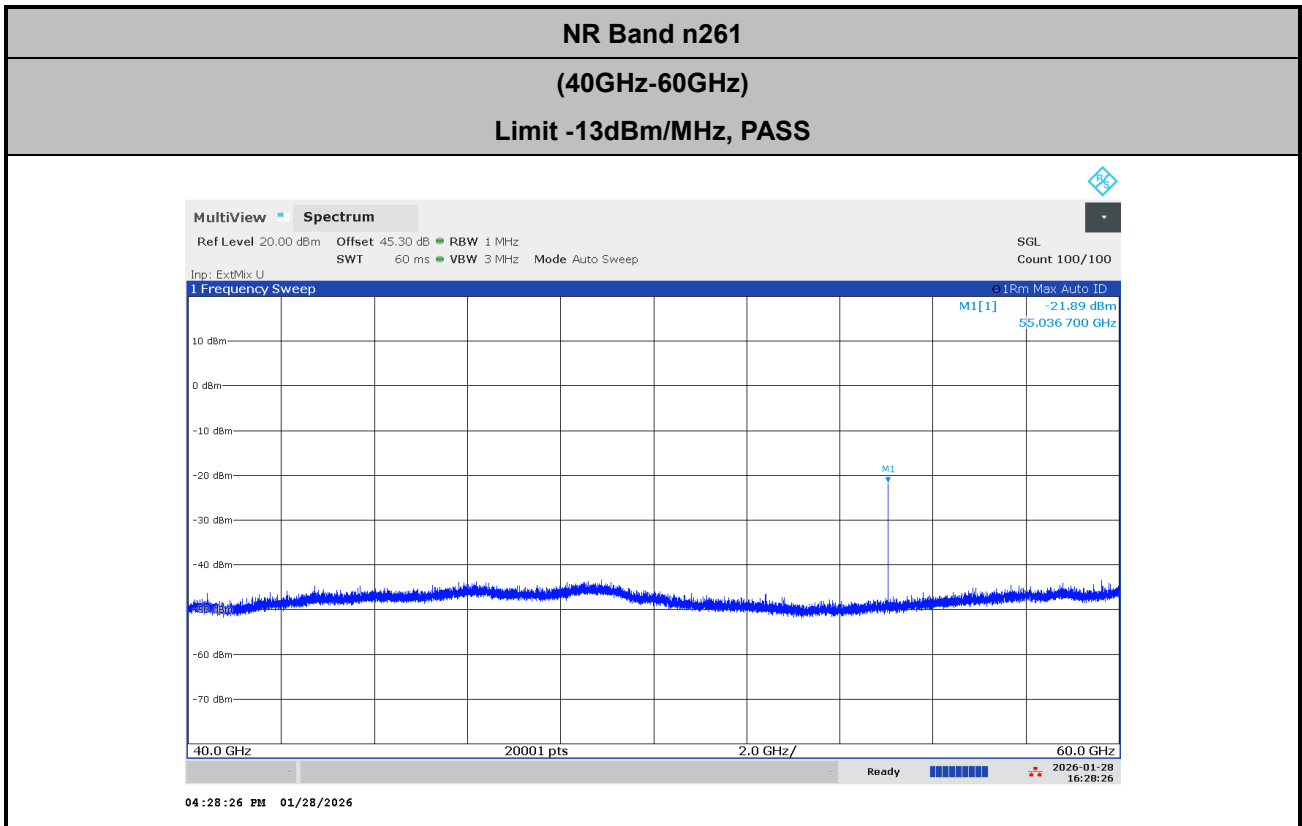
CP-OFDM

NR Band n261 QPSK (18-40GHz)	
Lowest Channel / 400MHz	
	intentionally blank
Middle Channel / 400MHz	
	intentionally blank
Highest Channel / 400MHz	
	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 200GHz.
Only the noise floor is reported.



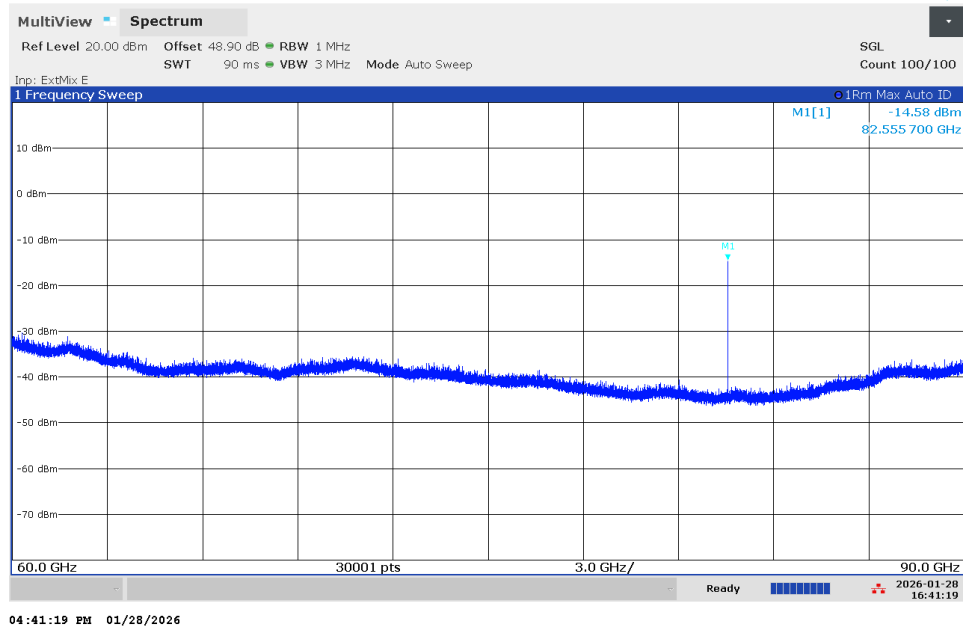
$$\begin{aligned}\text{Offset} &= \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 \\ &= 42.6 + 0.5 + 107 + 20\log(1) - 104.8 = 45.3(\text{dB})\end{aligned}$$



NR Band n261

(60GHz-90GHz)

Limit -13dBm/MHz, PASS



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

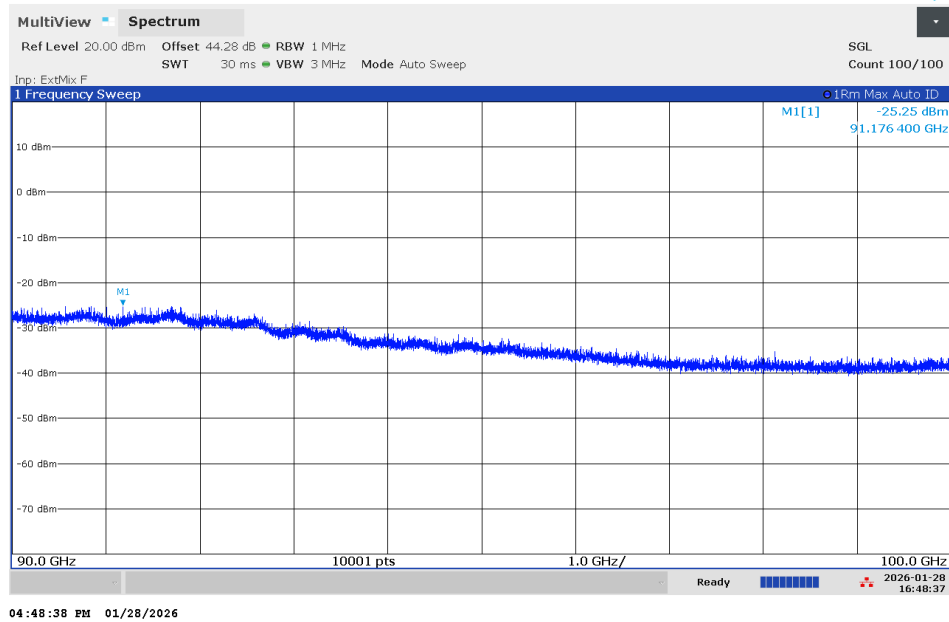
$$= 46.2 + 0.5 + 107 + 20\log(1) - 104.8 = 48.9 \text{ (dB)}$$



NR Band n261

(90GHz-100GHz)

Limit -13dBm/MHz, PASS



$$\begin{aligned} \text{Offset} &= \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 \\ &= 47.6 + 0.5 + 107 + 20\log(0.5) - 104.8 = 44.28 \text{ (dB)} \end{aligned}$$

Frequency Stability

Test Conditions		NR Band n261 / Middle Channel			Limit
Temperature (°C)	Voltage (Volt)	CW tone			Note 2.
		Frequency (GHz)	Deviation (kHz)	Deviation (ppm)	Result
50	Normal Voltage	27.924949100	13.900	0.498	Pass
40	Normal Voltage	27.924950000	13.000	0.466	
30	Normal Voltage	27.924955000	8.000	0.286	
20(Ref.)	Normal Voltage	27.924963000	0.000	0.000	
10	Normal Voltage	27.924972000	-9.000	0.322	
0	Normal Voltage	27.924974000	-11.000	0.394	
-10	Normal Voltage	27.924977000	-14.000	0.501	
-20	Normal Voltage	27.924977000	-14.000	0.501	
-30	Normal Voltage	27.924978000	-15.000	0.537	
20	Maximum Voltage	27.924954000	9.000	0.322	
20	Normal Voltage	27.924960000	3.000	0.107	
20	Battery End Point	27.924952000	11.000	0.394	

Note:

1. Normal Voltage = 3.9 V. ; Minimum Voltage = 3.6 V. ; Maximum Voltage = 4.4 V.
2. The frequency fundamental emissions stay within the operation band.



Appendix B. R&S Mixer and Horn Antenna Calibration Reports