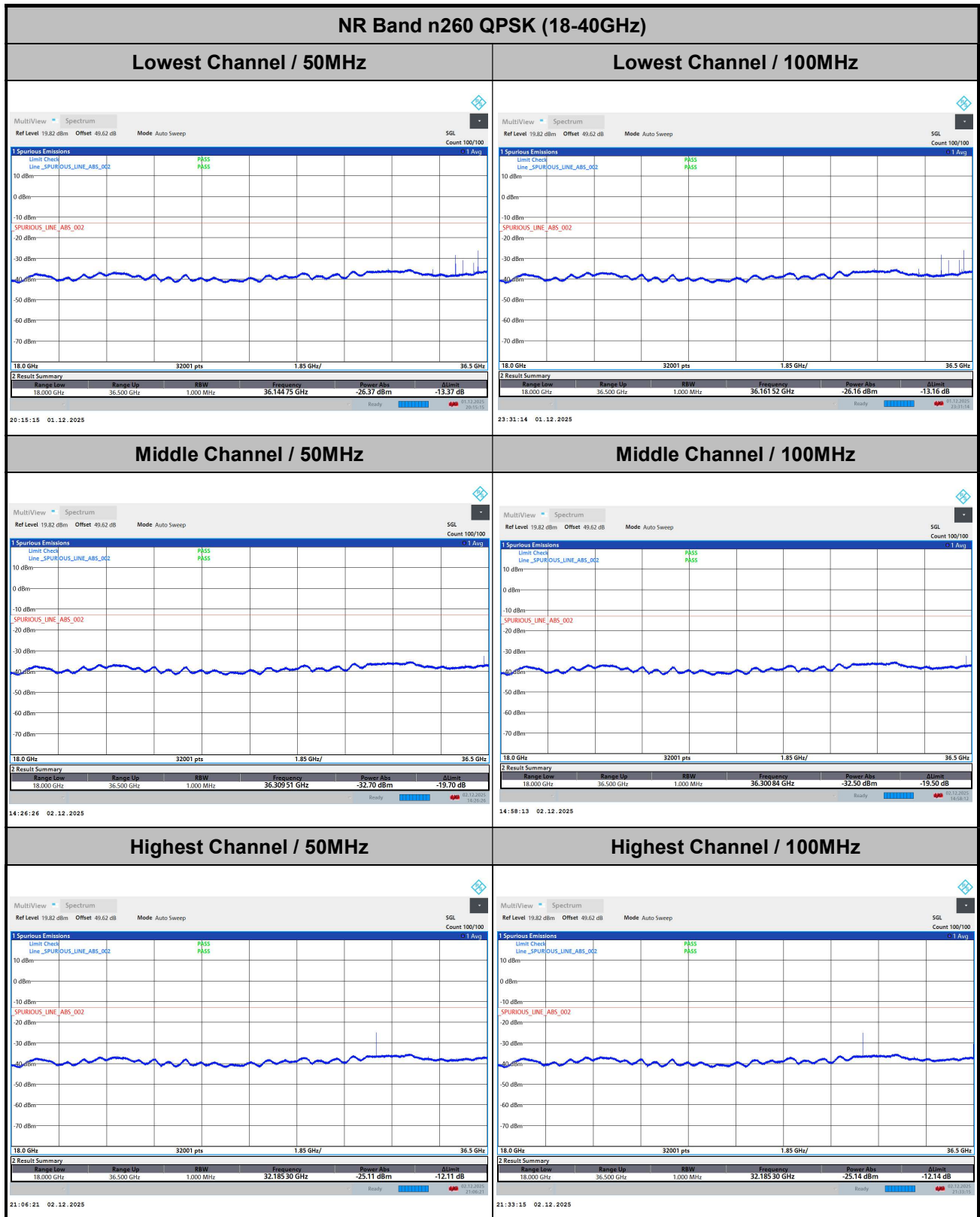




Spurious emission between 18GHz to 40GHz worst case plot is reported as following.

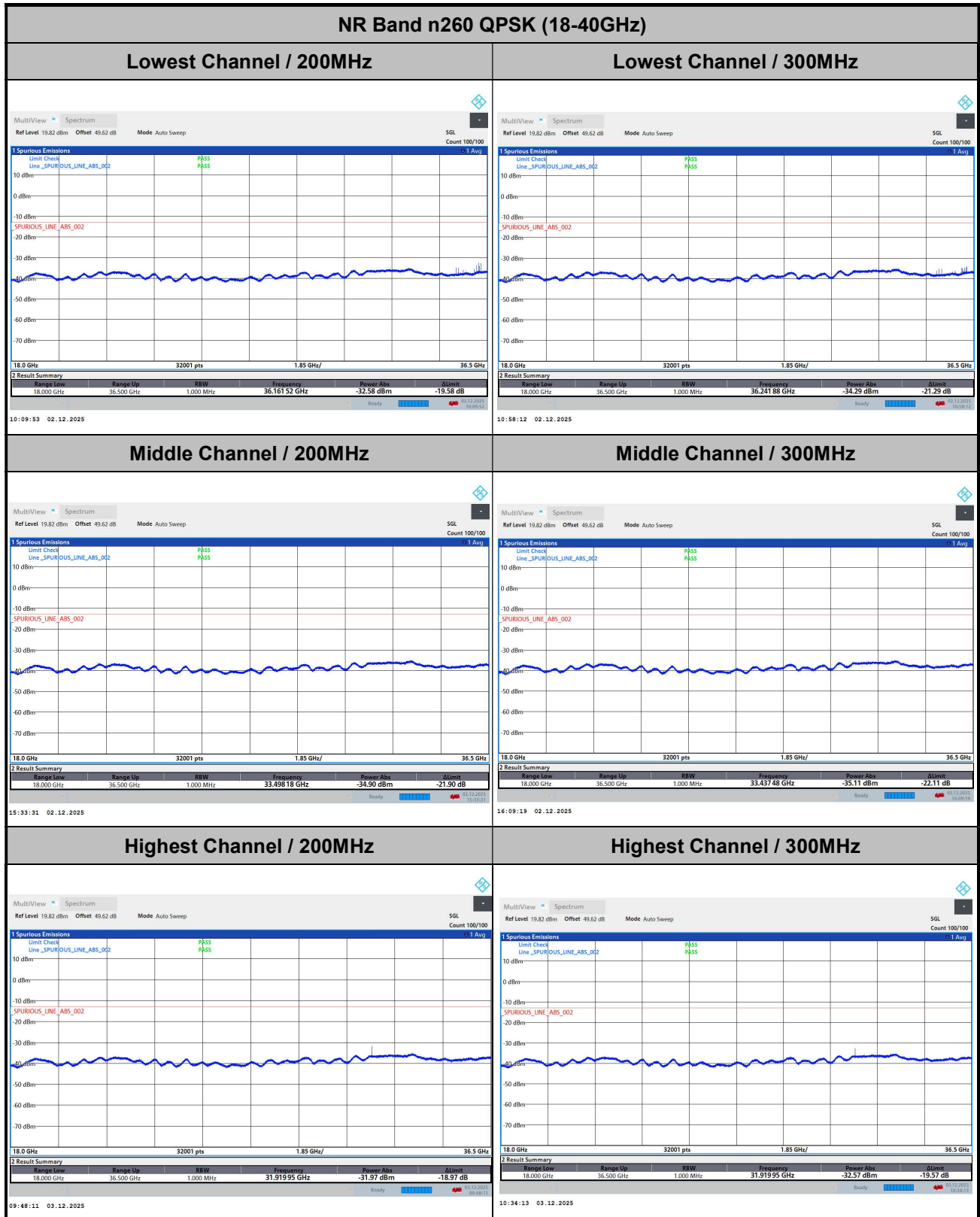
DFT-s-OFDM



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



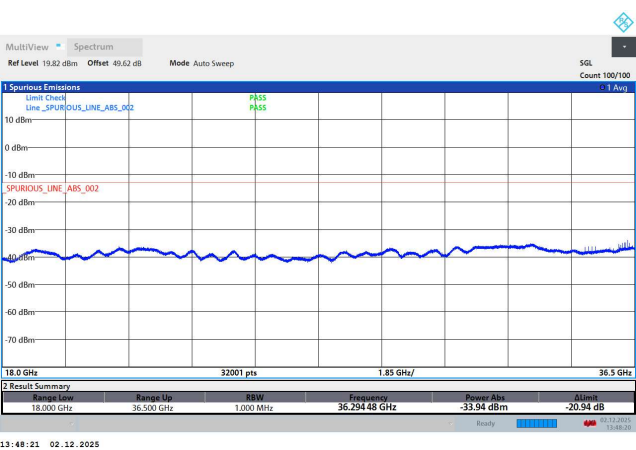
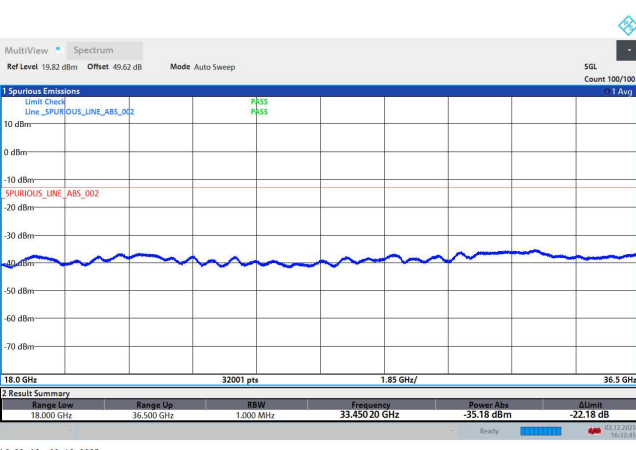
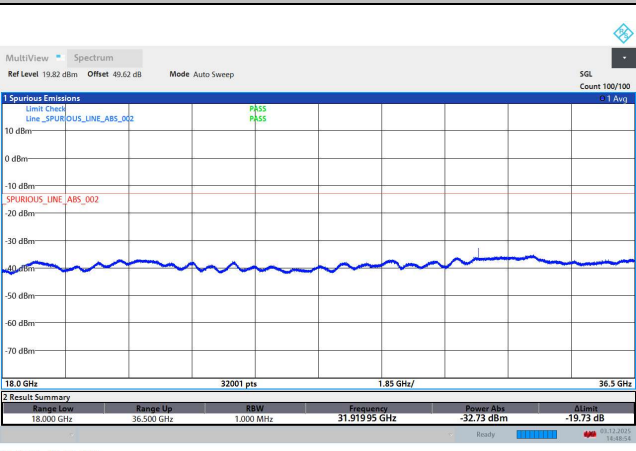
DFT-s-OFDM



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



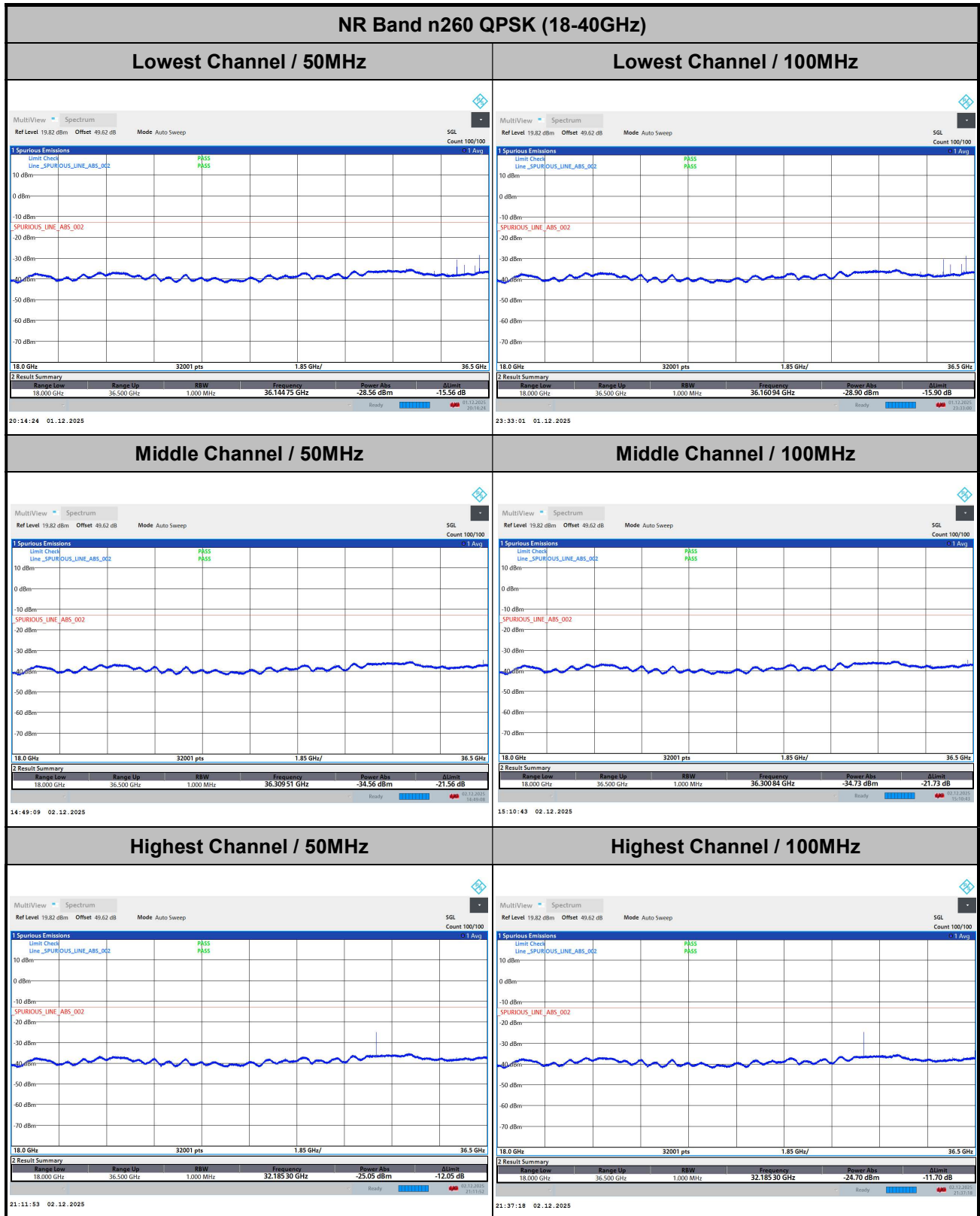
DFT-s-OFDM

NR Band n260 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.



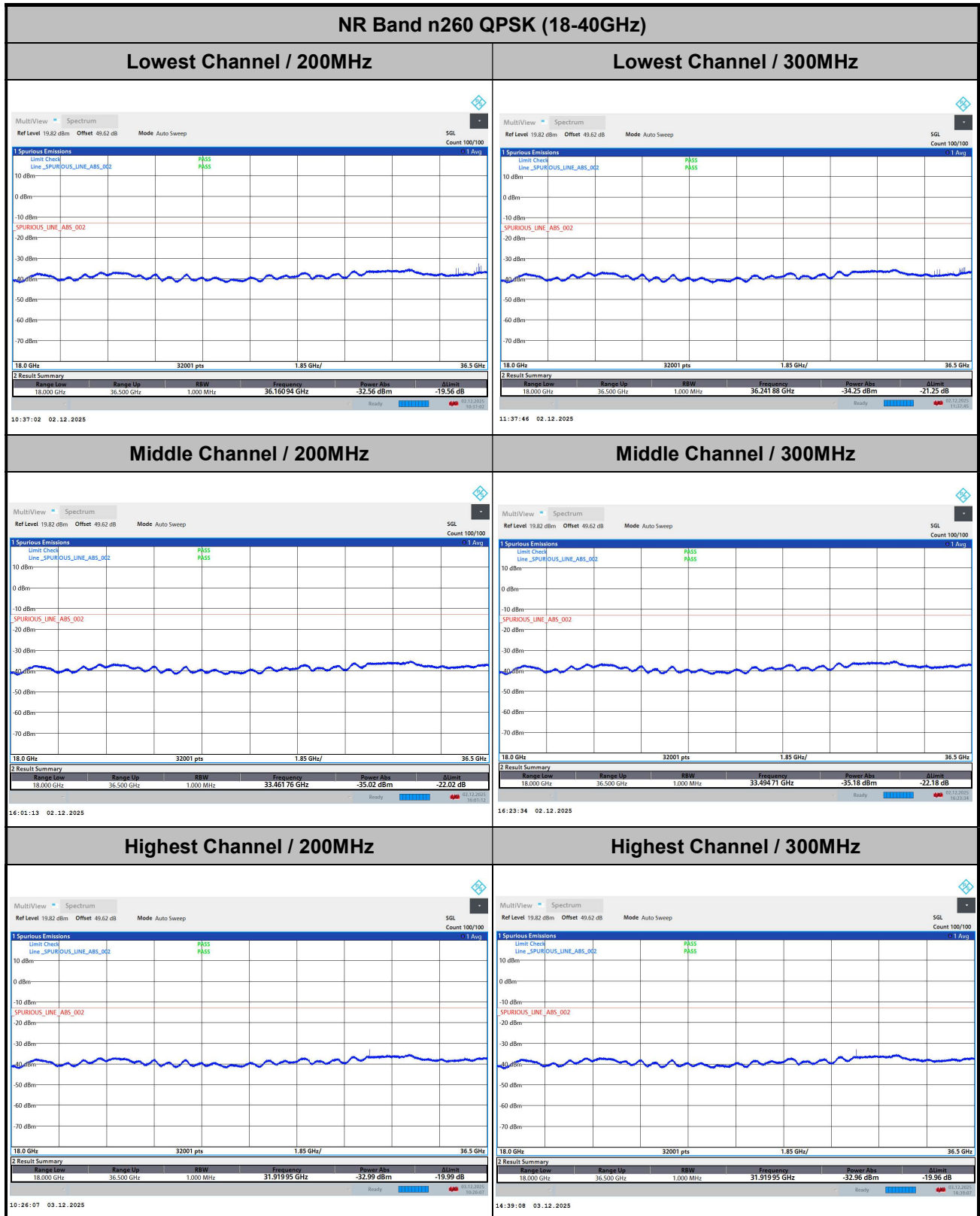
CP-OFDM



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



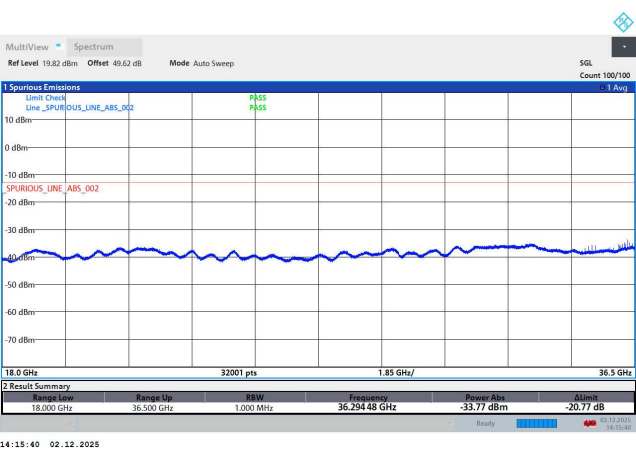
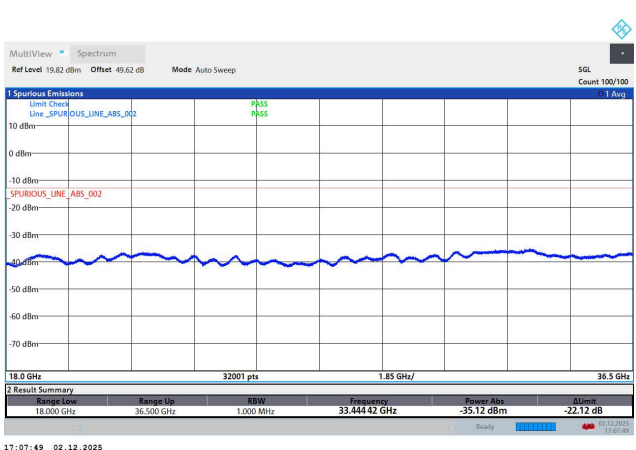
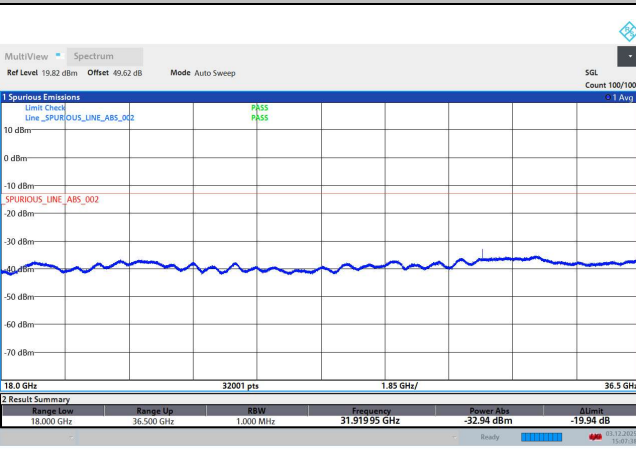
CP-OFDM



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



CP-OFDM

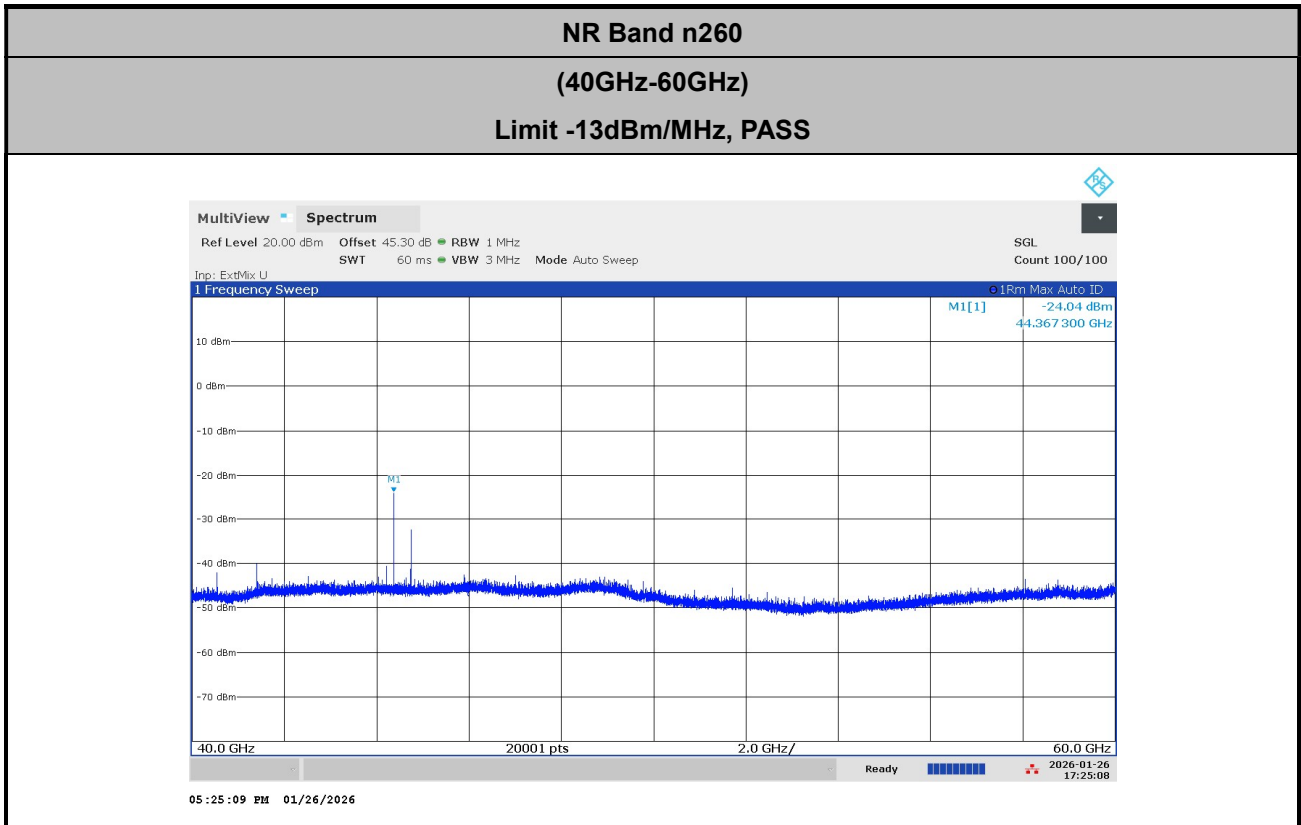
NR Band n260 QPSK (18-40GHz)	
Lowest Channel / 400MHz	
	intentionally blank
Middle Channel / 400MHz	
	intentionally blank
Highest Channel / 400MHz	
	intentionally blank

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.



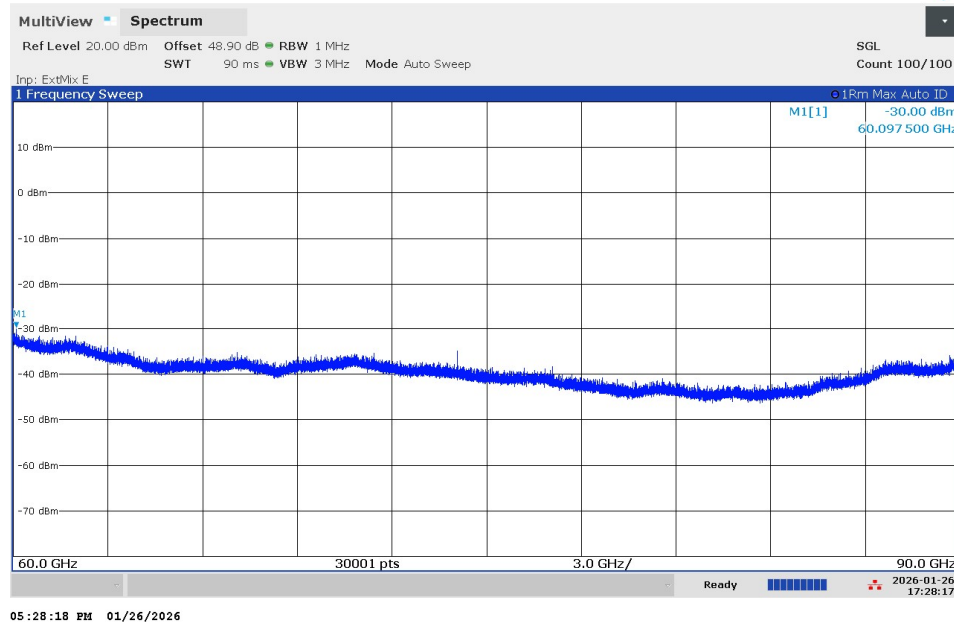
$$\begin{aligned}\text{Offset} &= \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 \\ &= 42.6 + 0.5 + 107 + 20\log(1) - 104.8 = 45.3(\text{dB})\end{aligned}$$



NR Band n260

(60GHz-90GHz)

Limit -13dBm/MHz, PASS



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

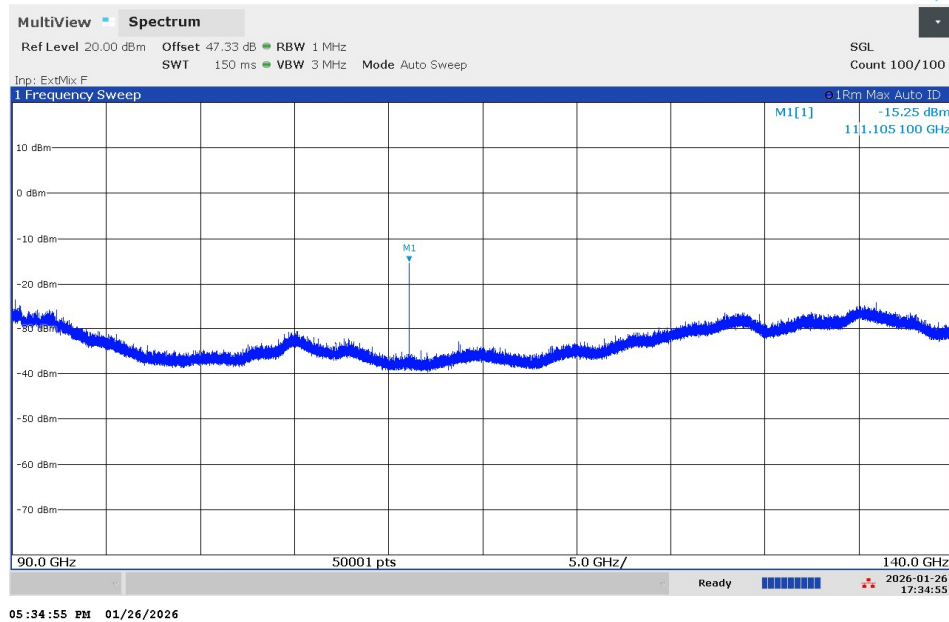
$$= 46.2 + 0.5 + 107 + 20\log(1) - 104.8 = 48.9 \text{ (dB)}$$



NR Band n260

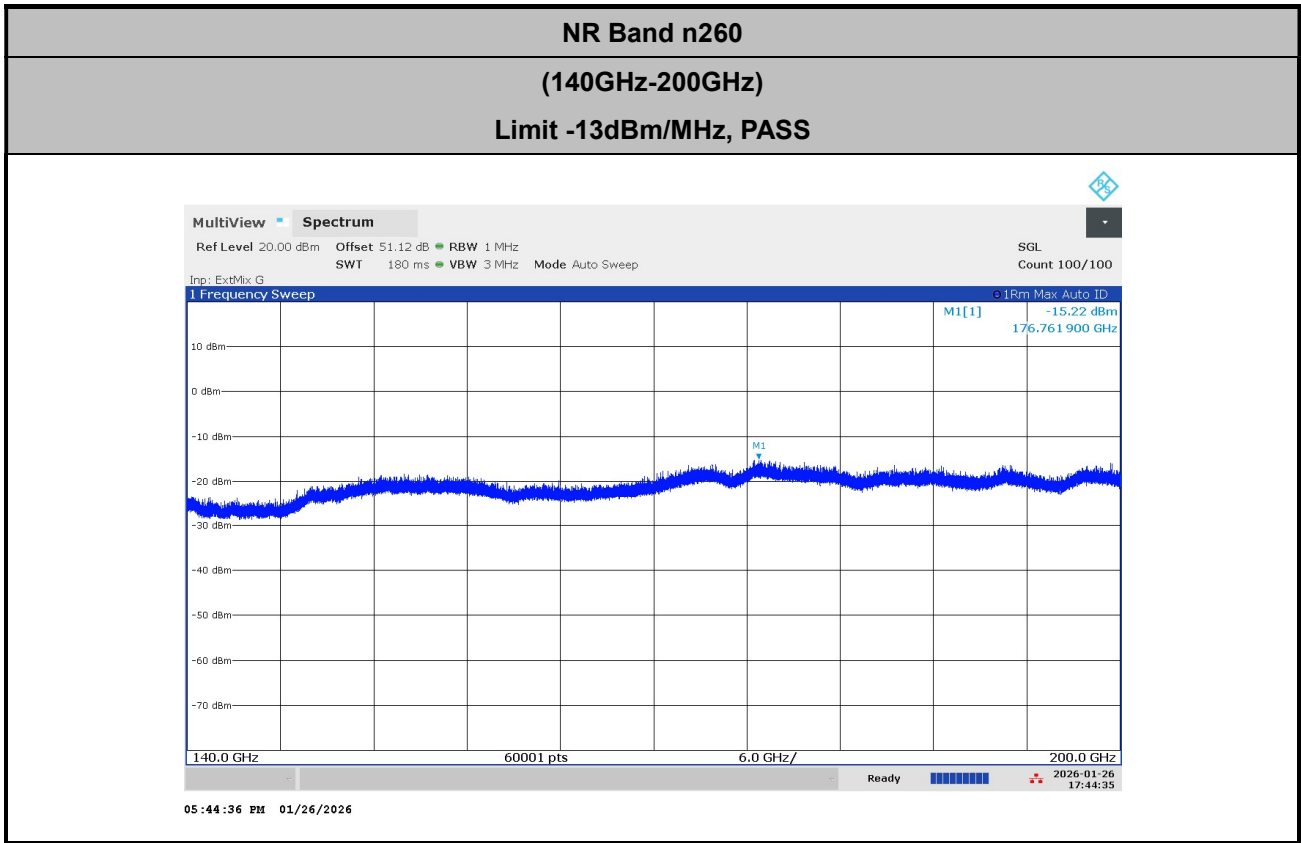
(90GHz-140GHz)

Limit -13dBm/MHz, PASS



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

$$= 50.65 + 0.5 + 107 + 20\log(0.5) - 104.8 = 47.33 \text{ (dB)}$$



$$\begin{aligned} \text{Offset} &= \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 \\ &= 54.44 + 0.5 + 107 + 20\log(0.5) - 104.8 = 51.12(\text{dB}) \end{aligned}$$

Frequency Stability

Test Conditions		NR Band n260 / Middle Channel			Limit
Temperature (°C)	Voltage (Volt)	CW tone			Note 2.
		Frequency (GHz)	Deviation (kHz)	Deviation (ppm)	Result
50	Normal Voltage	38.499948052	17.982	0.467	Pass
40	Normal Voltage	38.499951049	14.985	0.389	
30	Normal Voltage	38.499958042	7.992	0.208	
20(Ref.)	Normal Voltage	38.499966034	0.000	0.000	
10	Normal Voltage	38.499964036	1.998	0.052	
0	Normal Voltage	38.499967033	-0.999	0.026	
-10	Normal Voltage	38.499973027	-6.993	0.182	
-20	Normal Voltage	38.499979021	-12.987	0.337	
-30	Normal Voltage	38.499979021	-12.987	0.337	
20	Maximum Voltage	38.499967033	-0.999	0.026	
20	Normal Voltage	38.499966034	0.000	0.000	
20	Battery End Point	38.499966034	0.000	0.000	

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.

NR Band n261 AGH+V

Occupied Bandwidth

Mode	DFT-s-OFDM NR Band n261 : 99%OBW(MHz)								
BW	50MHz			100MHz			200MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	46.40	46.53	46.42	86.98	87.63	86.96	192.15	192.78	192.27
Middle CH	46.43	46.62	46.38	87.10	87.66	87.03	185.71	185.24	185.13
Highest CH	46.48	46.70	46.46	87.01	87.63	86.99	186.17	185.79	185.52

Mode	DFT-s-OFDM NR Band n261 : 99%OBW(MHz)					
BW	300MHz			400MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	291.30	291.99	291.36	397.11	391.45	390.83
Middle CH	286.82	287.09	286.31	387.09	387.16	386.85
Highest CH	286.80	286.62	286.18	386.98	387.37	387.00

Mode	CP-OFDM NR Band n261 : 99%OBW(MHz)		
BW	50MHz	100MHz	200MHz
Mod.	QPSK	QPSK	QPSK
Lowest CH	46.39	92.97	194.74
Middle CH	46.34	93.08	190.18
Highest CH	46.58	93.11	191.24

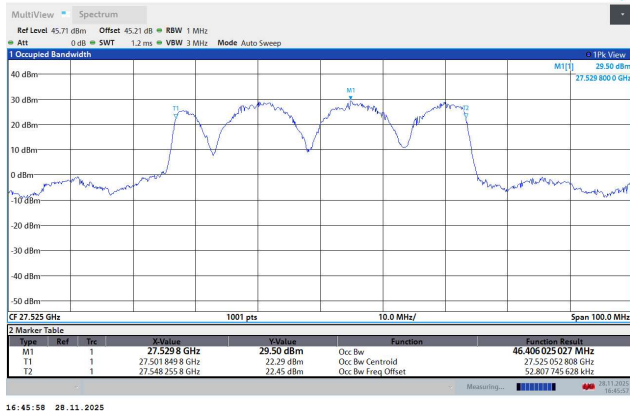
Mode	CP-OFDM NR Band n261 : 99%OBW(MHz)	
BW	300MHz	400MHz
Mod.	QPSK	QPSK
Lowest CH	293.97	394.00
Middle CH	287.72	388.01
Highest CH	287.86	388.11



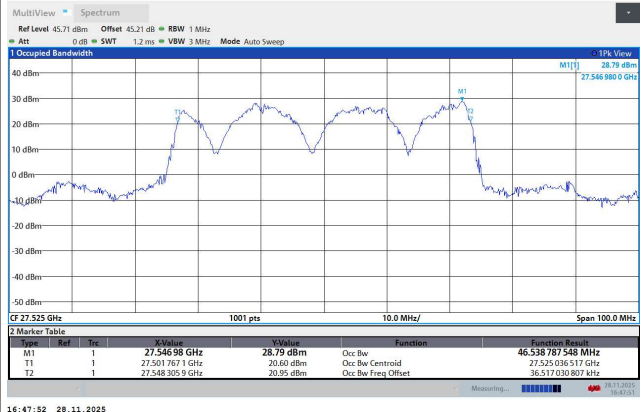
DFT-s-OFDM

NR Band n261

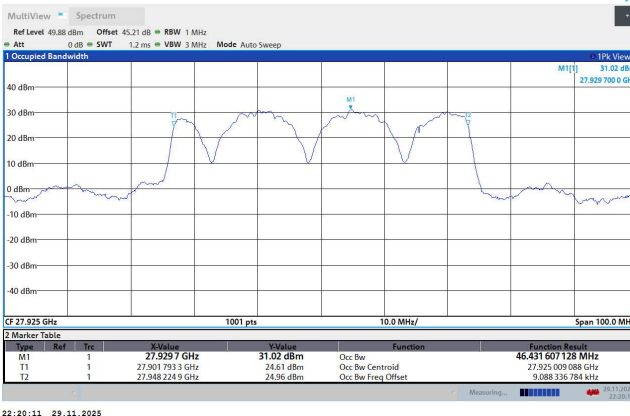
Lowest Channel / 50MHz / QPSK



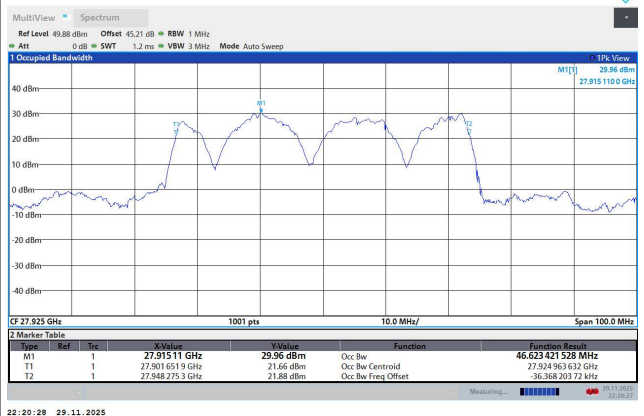
Lowest Channel / 50MHz / 16QAM



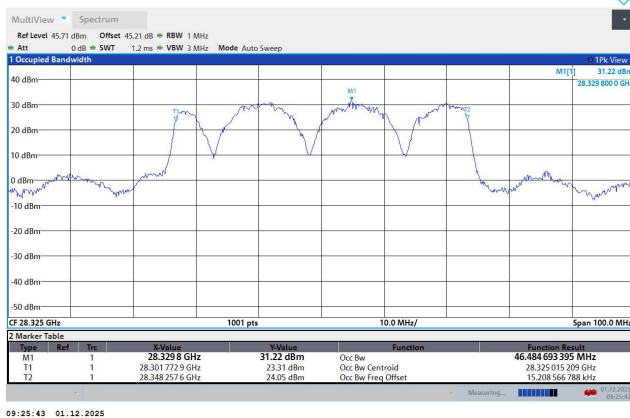
Middle Channel / 50MHz / QPSK



Middle Channel / 50MHz / 16QAM



Highest Channel / 50MHz / QPSK



Highest Channel / 50MHz / 16QAM

