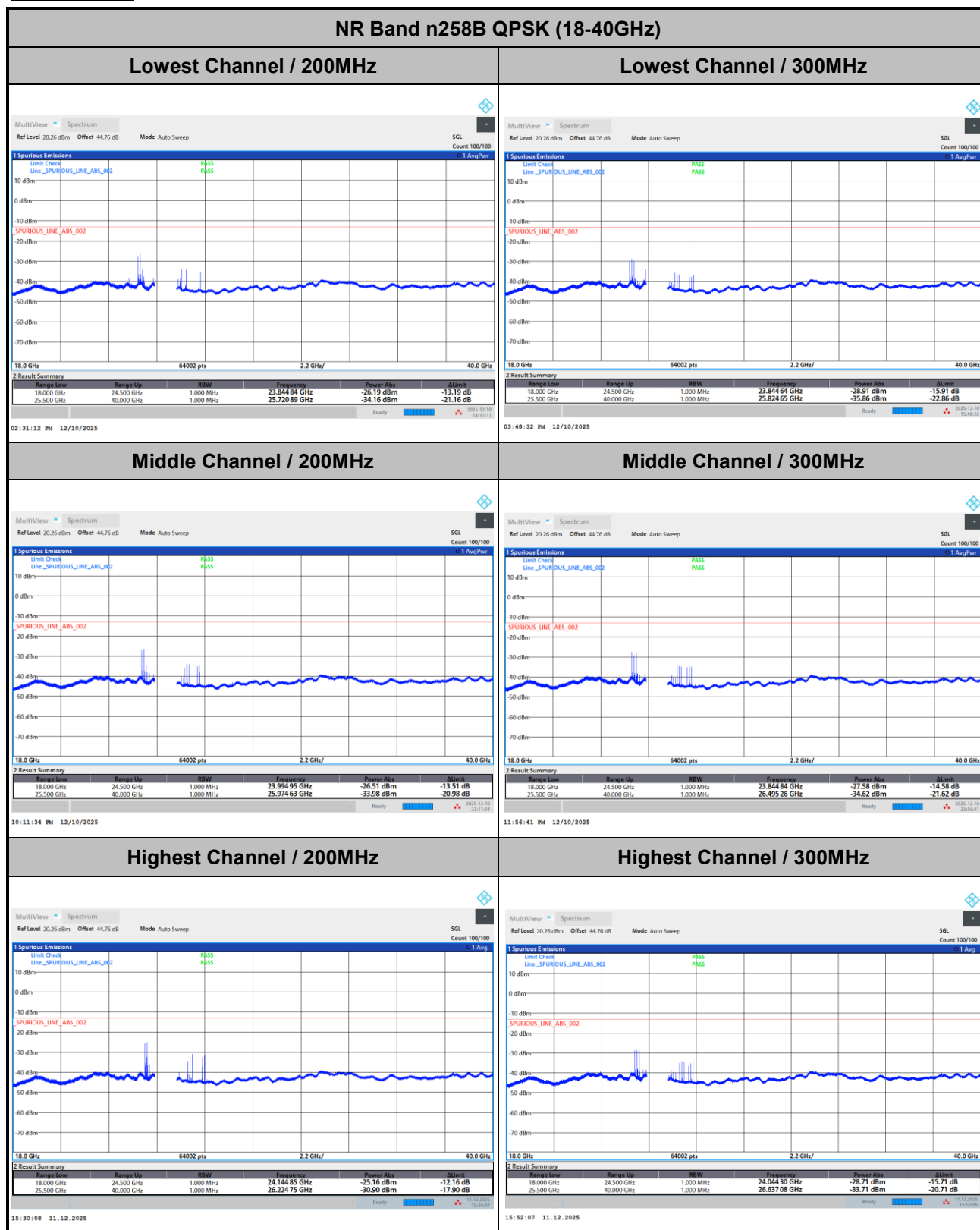




DFT-s-OFDM



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



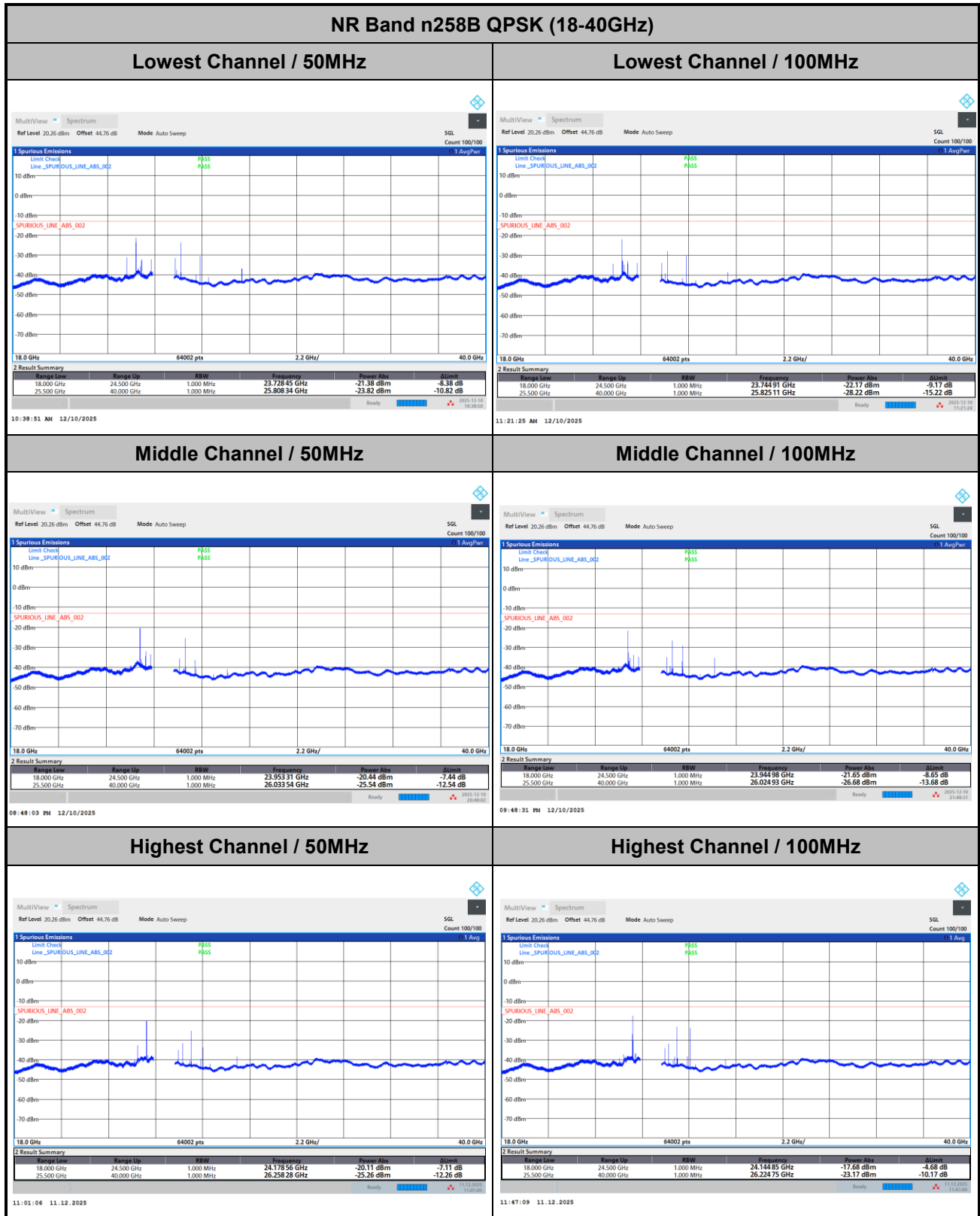
DFT-s-OFDM

NR Band n258B QPSK (18-40GHz)																			
Lowest Channel / 400MHz																			
MultiView Spectrum Ref Level 20.26 dBm Offset 44.76 dB Mode Auto Sweep SGL Count 100/100 1 Spurious Emissions Limit Check Line_SPURIOUS_LINE_ABS_002 PASS PASS 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm 18.0 GHz 64002 pts 2.2 GHz/ 40.0 GHz 2 Result Summary <table><tr><td>Range Low</td><td>Range Up</td><td>RBW</td><td>Frequency</td><td>Power Abs</td><td>ΔLimit</td></tr><tr><td>18.000 GHz</td><td>24.500 GHz</td><td>1.000 MHz</td><td>24.48487 GHz</td><td>-23.36 dBm</td><td>-10.36 dB</td></tr><tr><td>25.500 GHz</td><td>40.000 GHz</td><td>1.000 MHz</td><td>25.82465 GHz</td><td>-36.79 dBm</td><td>-23.79 dB</td></tr></table> 04:35:21 PM 12/10/2025	Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit	18.000 GHz	24.500 GHz	1.000 MHz	24.48487 GHz	-23.36 dBm	-10.36 dB	25.500 GHz	40.000 GHz	1.000 MHz	25.82465 GHz	-36.79 dBm	-23.79 dB	intentionally blank
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit														
18.000 GHz	24.500 GHz	1.000 MHz	24.48487 GHz	-23.36 dBm	-10.36 dB														
25.500 GHz	40.000 GHz	1.000 MHz	25.82465 GHz	-36.79 dBm	-23.79 dB														
Middle Channel / 400MHz																			
MultiView Spectrum Ref Level 20.26 dBm Offset 44.76 dB Mode Auto Sweep SGL Count 100/100 1 Spurious Emissions Limit Check Line_SPURIOUS_LINE_ABS_002 PASS PASS 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm 18.0 GHz 64002 pts 2.2 GHz/ 40.0 GHz 2 Result Summary <table><tr><td>Range Low</td><td>Range Up</td><td>RBW</td><td>Frequency</td><td>Power Abs</td><td>ΔLimit</td></tr><tr><td>18.000 GHz</td><td>24.500 GHz</td><td>1.000 MHz</td><td>23.99454 GHz</td><td>-29.64 dBm</td><td>-16.64 dB</td></tr><tr><td>25.500 GHz</td><td>40.000 GHz</td><td>1.000 MHz</td><td>25.97463 GHz</td><td>-35.61 dBm</td><td>-22.61 dB</td></tr></table> 12:30:47 AM 12/11/2025	Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit	18.000 GHz	24.500 GHz	1.000 MHz	23.99454 GHz	-29.64 dBm	-16.64 dB	25.500 GHz	40.000 GHz	1.000 MHz	25.97463 GHz	-35.61 dBm	-22.61 dB	intentionally blank
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit														
18.000 GHz	24.500 GHz	1.000 MHz	23.99454 GHz	-29.64 dBm	-16.64 dB														
25.500 GHz	40.000 GHz	1.000 MHz	25.97463 GHz	-35.61 dBm	-22.61 dB														
Highest Channel / 400MHz																			
MultiView Spectrum Ref Level 20.26 dBm Offset 44.76 dB Mode Auto Sweep SGL Count 100/100 1 Spurious Emissions Limit Check Line_SPURIOUS_LINE_ABS_002 PASS PASS 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm 18.0 GHz 64002 pts 2.2 GHz/ 40.0 GHz 2 Result Summary <table><tr><td>Range Low</td><td>Range Up</td><td>RBW</td><td>Frequency</td><td>Power Abs</td><td>ΔLimit</td></tr><tr><td>18.000 GHz</td><td>24.500 GHz</td><td>1.000 MHz</td><td>24.14444 GHz</td><td>-30.41 dBm</td><td>-17.41 dB</td></tr><tr><td>25.500 GHz</td><td>40.000 GHz</td><td>1.000 MHz</td><td>25.92479 GHz</td><td>-35.82 dBm</td><td>-22.82 dB</td></tr></table> 16:35:06 11.12.2025	Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit	18.000 GHz	24.500 GHz	1.000 MHz	24.14444 GHz	-30.41 dBm	-17.41 dB	25.500 GHz	40.000 GHz	1.000 MHz	25.92479 GHz	-35.82 dBm	-22.82 dB	intentionally blank
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit														
18.000 GHz	24.500 GHz	1.000 MHz	24.14444 GHz	-30.41 dBm	-17.41 dB														
25.500 GHz	40.000 GHz	1.000 MHz	25.92479 GHz	-35.82 dBm	-22.82 dB														

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



CP-OFDM



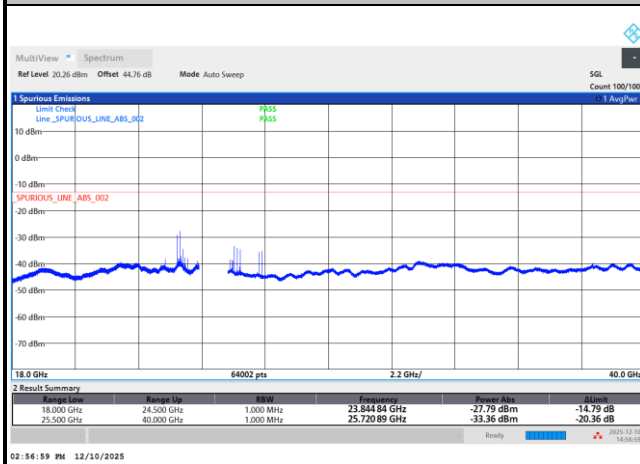
Remark: In band and out of band frequencies are omitted.



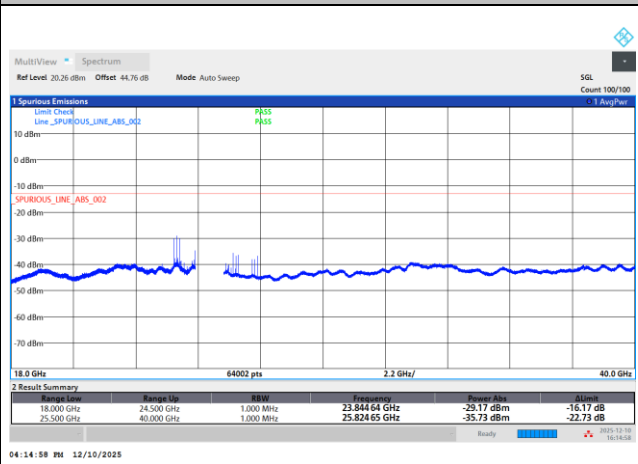
CP-OFDM

NR Band n258B QPSK (18-40GHz)

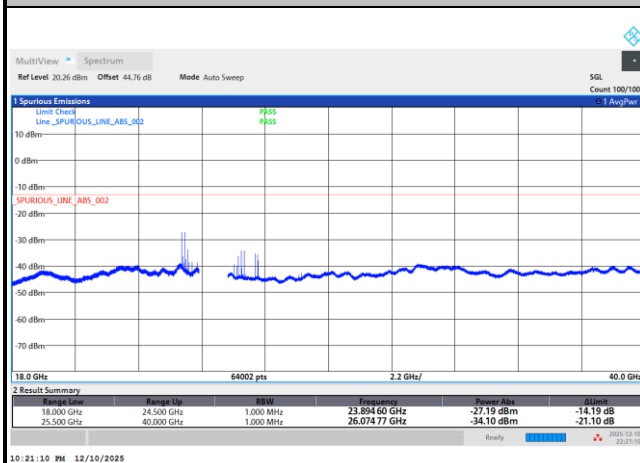
Lowest Channel / 200MHz



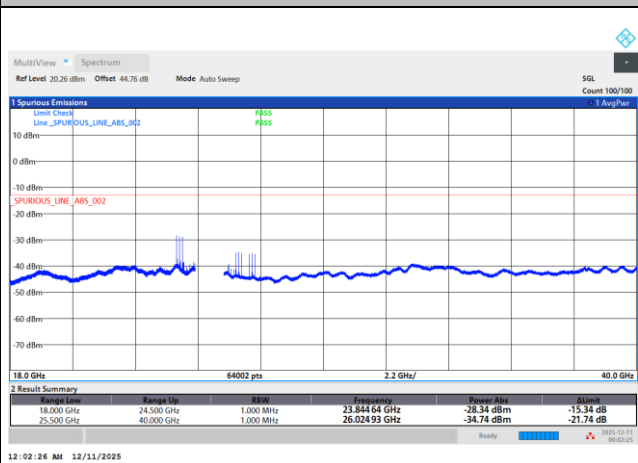
Lowest Channel / 300MHz



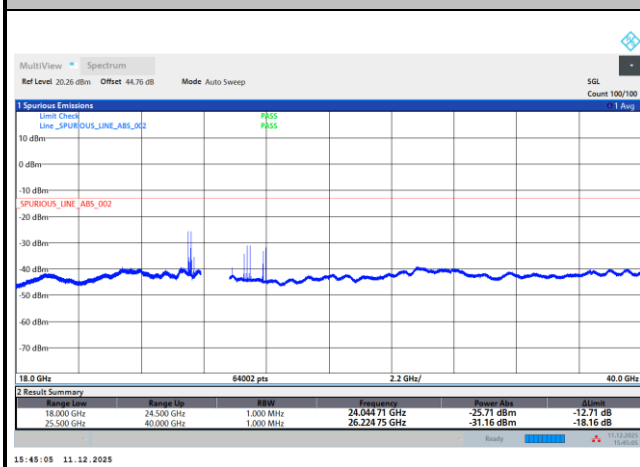
Middle Channel / 200MHz



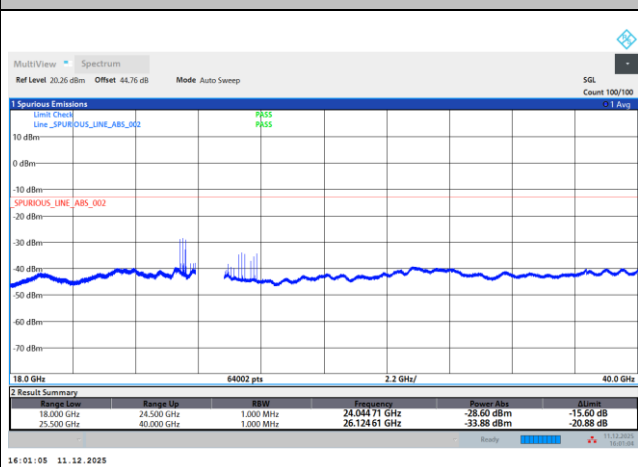
Middle Channel / 300MHz



Highest Channel / 200MHz



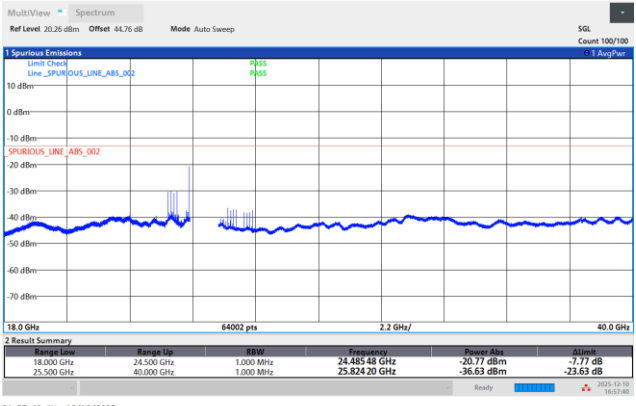
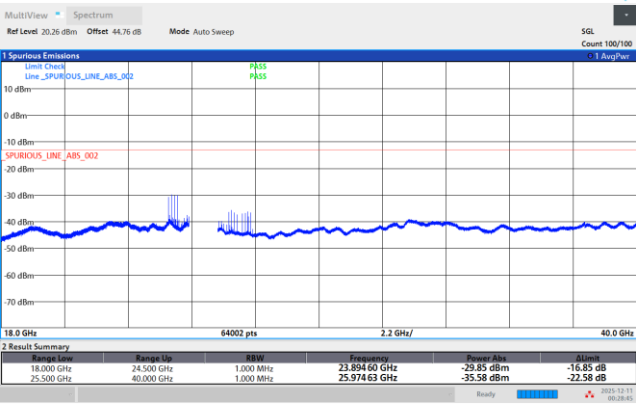
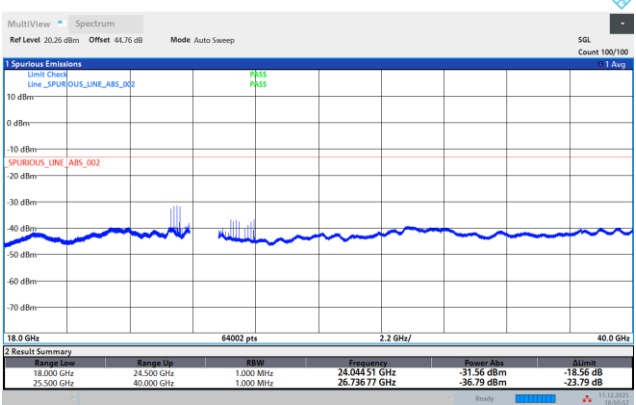
Highest Channel / 300MHz



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



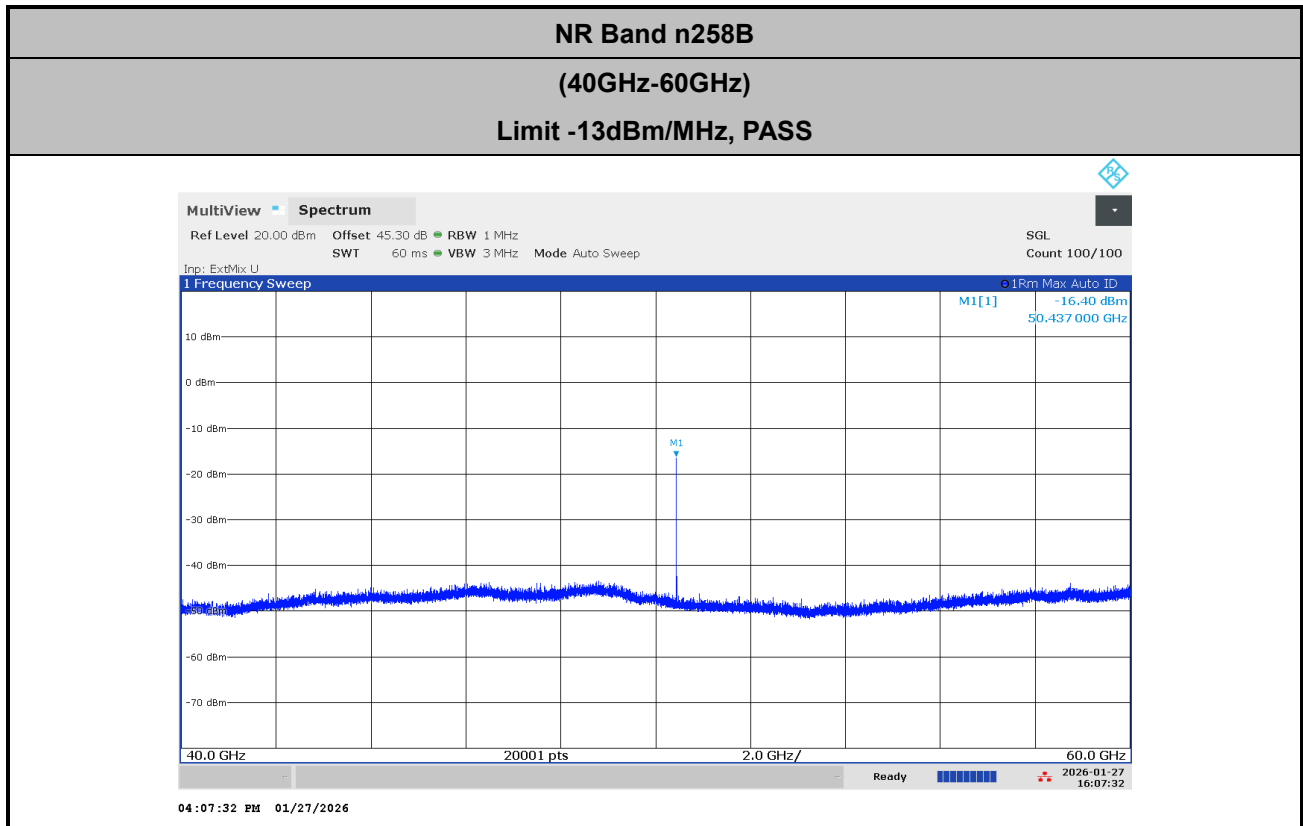
CP-OFDM

NR Band n258B 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.



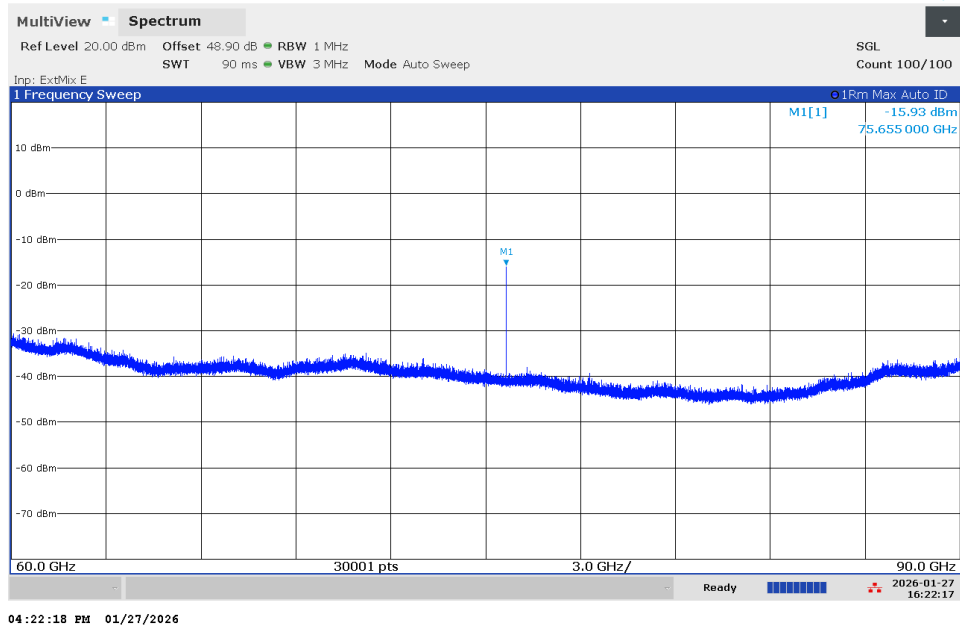
$$\begin{aligned} \text{Offset} &= \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 \\ &= 42.6 + 0.5 + 107 + 20\log(1) - 104.8 = 45.3(\text{dB}) \end{aligned}$$



NR Band n258B

(60GHz-90GHz)

Limit -13dBm/MHz, PASS



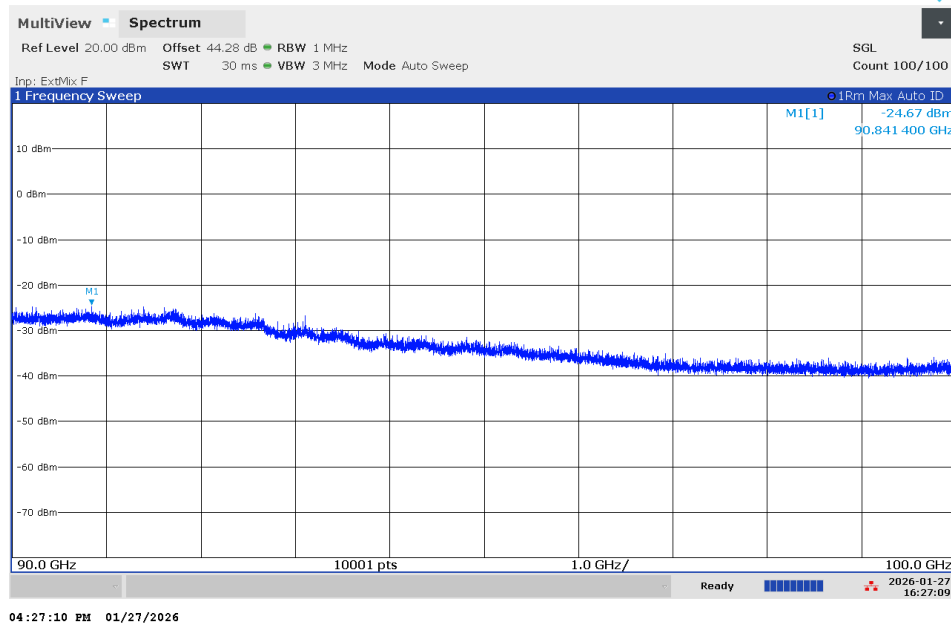
$$\begin{aligned} \text{Offset} &= \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 \\ &= 46.2 + 0.5 + 107 + 20\log(1) - 104.8 = 48.9 \text{ (dB)} \end{aligned}$$



NR Band n258B

(90GHz-100GHz)

Limit -13dBm/MHz, PASS

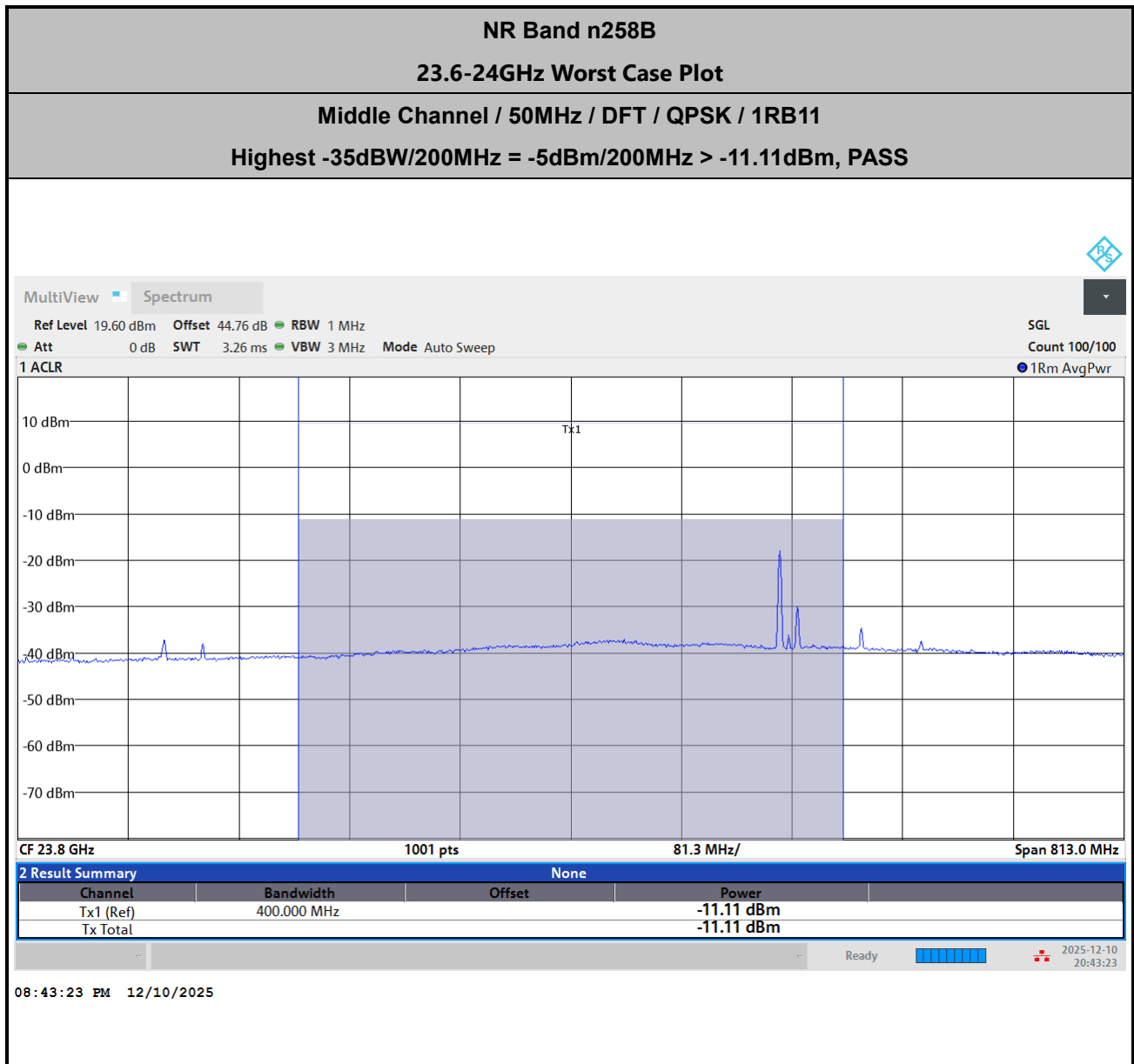


$$\begin{aligned} \text{Offset} &= \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 \\ &= 47.6 + 0.5 + 107 + 20\log(0.5) - 104.8 = 44.28 \text{ (dB)} \end{aligned}$$



Additional requirement for 24GHz bands: Limits of 47 CFR 30.203(d)(2) is applied.

For mobile equipment brought into use after September 1, 2027, the maximum conducted output power or the total radiated power of emissions in any 200 MHz of the 23.6-24.0 GHz band shall not exceed -39 dBW (for base stations) or -35 dBW (for mobile stations).



$$\begin{aligned}\text{Offset} &= \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 \\ &= 39.1 + 3.46 + 107 + 20\log(1) - 104.8 = 44.76(\text{dB})\end{aligned}$$

Note: Channel power integration method is used to measure total power over 400MHz from 23.6GHz to 24GHz in order to show compliance against limit within any 200MHz interval.

Frequency Stability

Test Conditions		NR Band n258B / Middle Channel			Limit
Temperature (°C)	Voltage (Volt)	CW tone			Note 2.
		Frequency (GHz)	Deviation (kHz)	Deviation (ppm)	Result
50	Normal Voltage	24.999955000	5.000	0.200	Pass
40	Normal Voltage	24.999957000	3.000	0.120	
30	Normal Voltage	24.999960000	0.000	0.000	
20(Ref.)	Normal Voltage	24.999960000	0.000	0.000	
10	Normal Voltage	24.999965000	-5.000	0.200	
0	Normal Voltage	24.999968000	-8.000	0.320	
-10	Normal Voltage	24.999971000	-11.000	0.440	
-20	Normal Voltage	24.999971000	-11.000	0.440	
-30	Normal Voltage	24.999971000	-11.000	0.440	
20	Maximum Voltage	24.999974000	-14.000	0.560	
20	Normal Voltage	24.999969000	-9.000	0.360	
20	Battery End Point	24.999985000	-25.000	1.000	

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 n260 AGH+V

Occupied Bandwidth

Mode	DFT-s-OFDM NR Band n260 : 99%OBW(MHz)								
BW	50MHz			100MHz			200MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	45.46	45.58	45.60	91.22	91.37	91.24	186.94	189.41	187.36
Middle CH	45.76	45.88	45.89	92.04	92.02	91.86	191.59	192.39	191.84
Highest CH	46.01	46.03	46.06	91.61	91.71	91.59	190.52	191.03	190.50

Mode	DFT-s-OFDM NR Band n260 : 99%OBW(MHz)					
BW	300MHz			400MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	288.87	289.79	289.02	388.70	389.31	388.19
Middle CH	291.16	291.76	291.00	391.37	392.00	390.78
Highest CH	289.80	290.13	290.20	390.26	390.68	390.02

Mode	CP-OFDM NR Band n260 : 99%OBW(MHz)		
BW	50MHz	100MHz	200MHz
Mod.	QPSK	QPSK	QPSK
Lowest CH	45.37	94.68	194.08
Middle CH	45.82	94.62	194.13
Highest CH	45.84	94.40	193.15

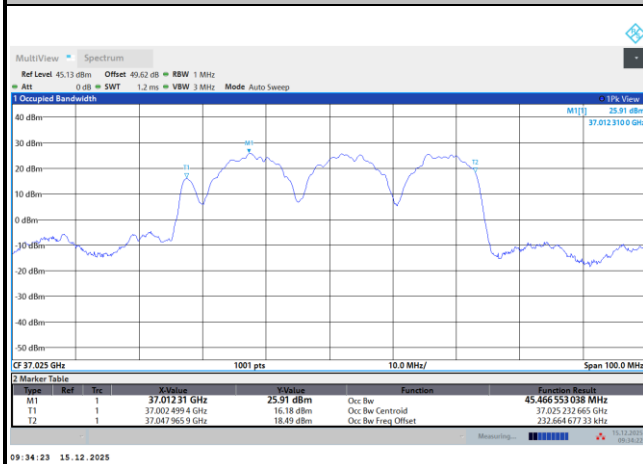
Mode	CP-OFDM NR Band n260 : 99%OBW(MHz)	
BW	300MHz	400MHz
Mod.	QPSK	QPSK
Lowest CH	293.26	393.76
Middle CH	292.80	393.44
Highest CH	292.32	393.08



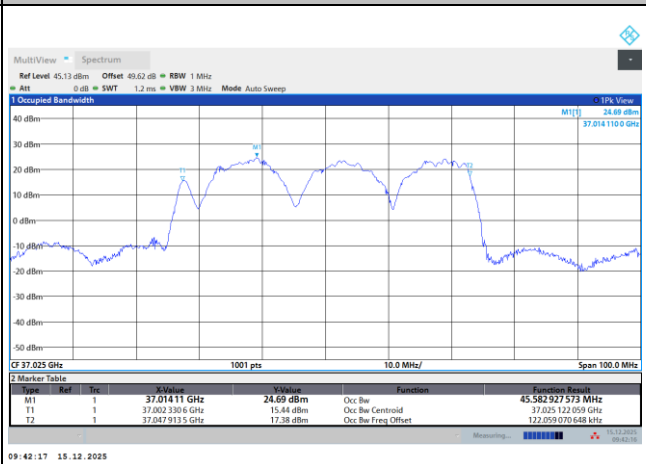
DFT-s-OFDM

NR Band n260

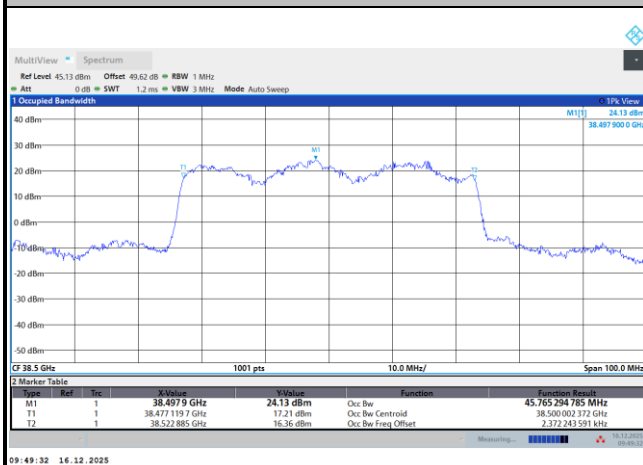
Lowest Channel / 50MHz / QPSK



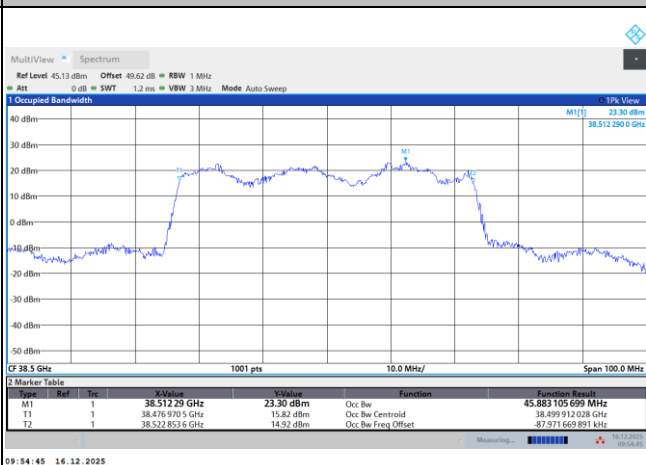
Lowest Channel / 50MHz / 16QAM



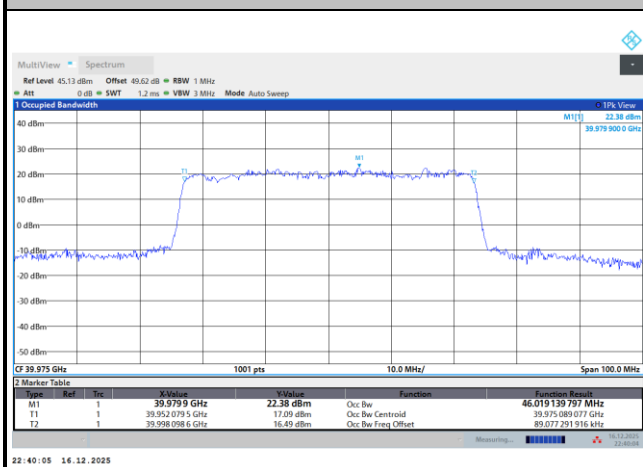
Middle Channel / 50MHz / QPSK



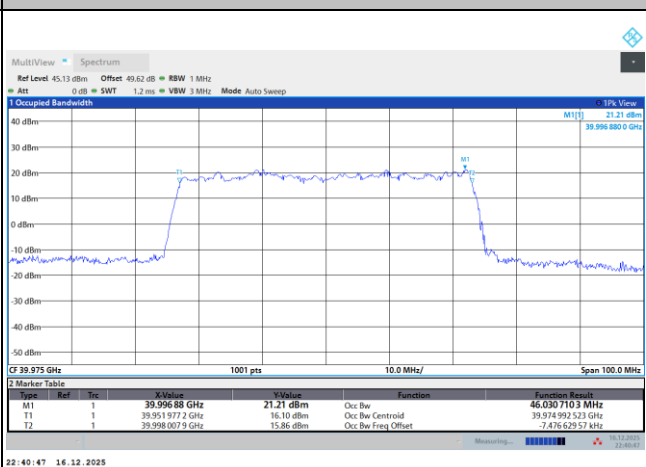
Middle Channel / 50MHz / 16QAM



Highest Channel / 50MHz / QPSK



Highest Channel / 50MHz / 16QAM

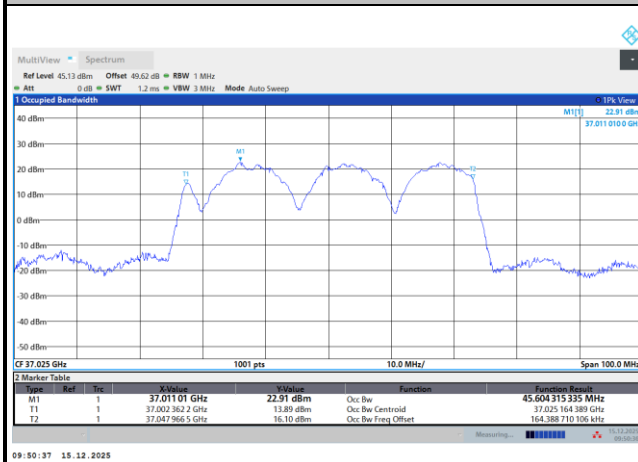




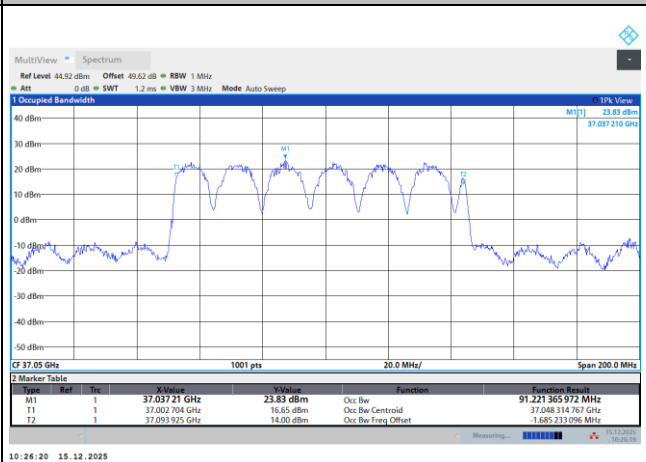
DFT-s-OFDM

NR Band n260

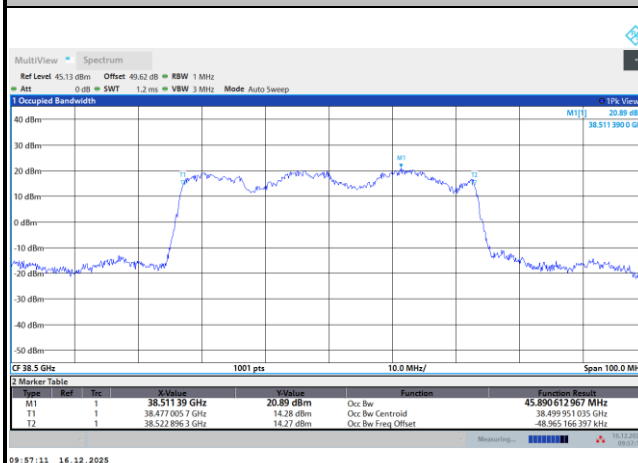
Lowest Channel / 50MHz / 64QAM



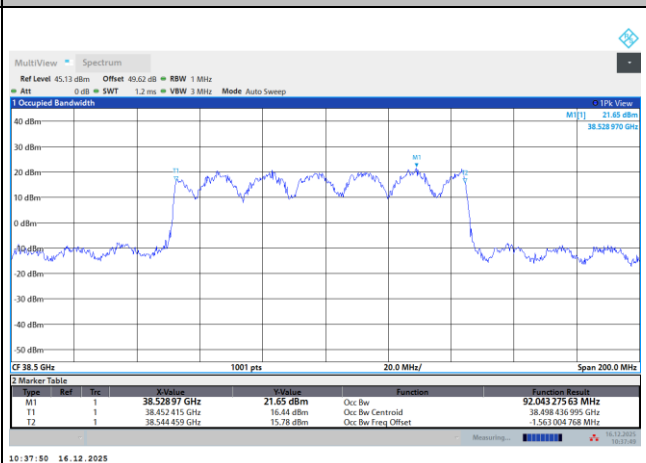
Lowest Channel / 100MHz / QPSK



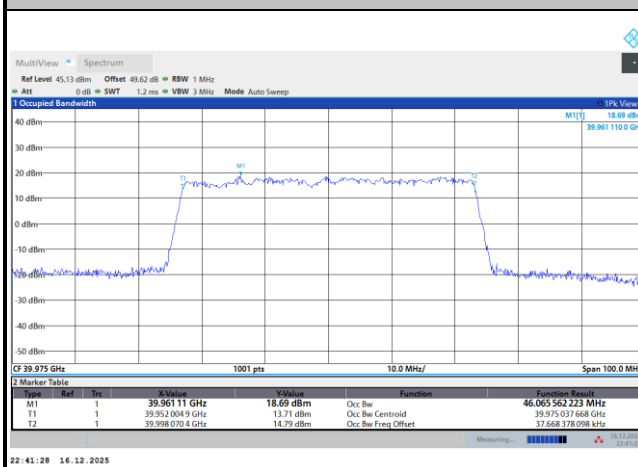
Middle Channel / 50MHz / 64QAM



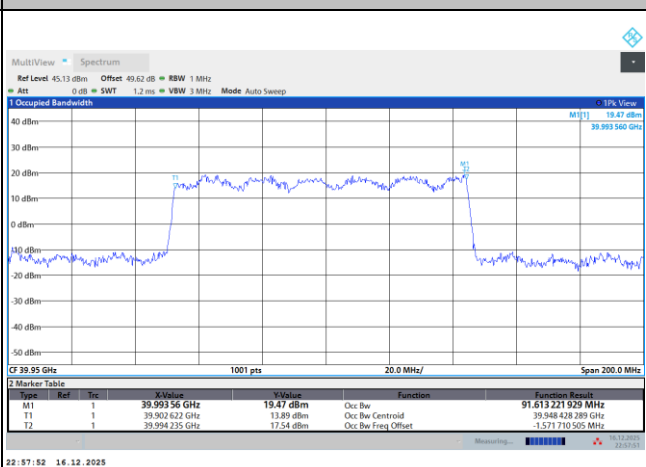
Middle Channel / 100MHz / QPSK



Highest Channel / 50MHz / 64QAM



Highest Channel / 100MHz / QPSK

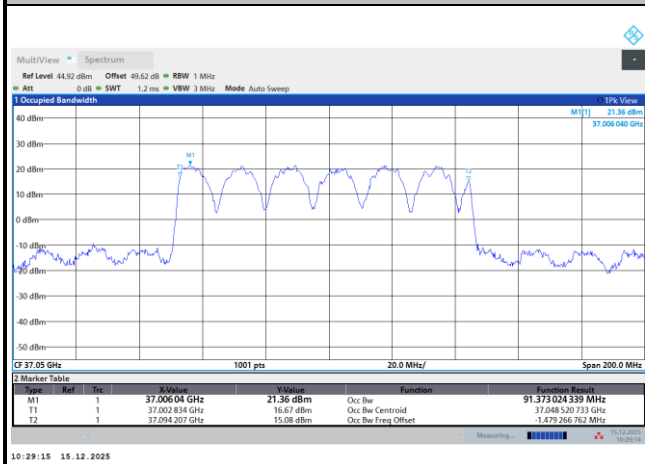




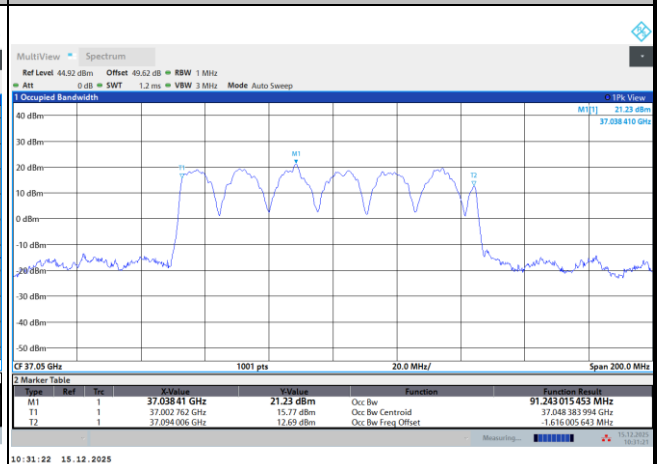
DFT-s-OFDM

NR Band n260

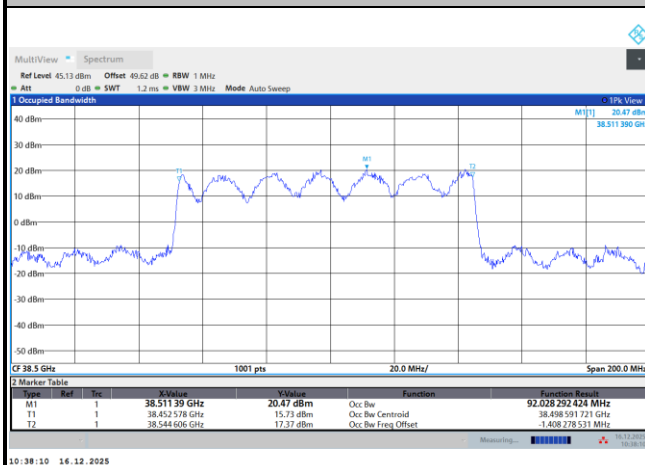
Lowest Channel / 100MHz / 16QAM



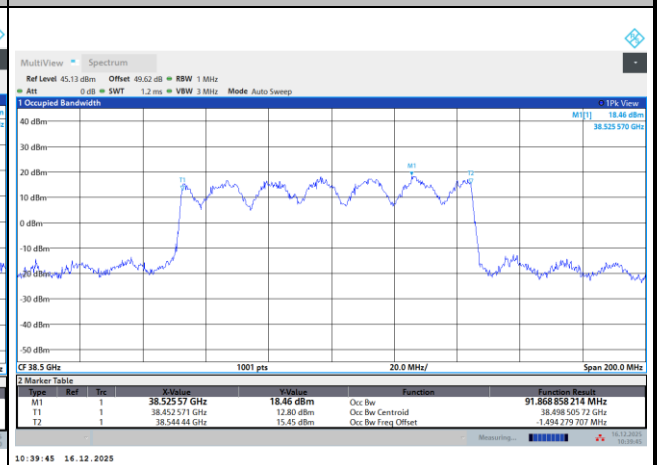
Lowest Channel / 100MHz / 64QAM



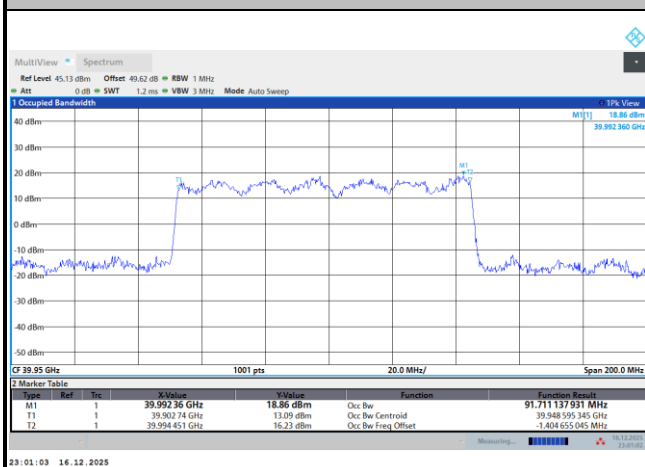
Middle Channel / 100MHz / 16QAM



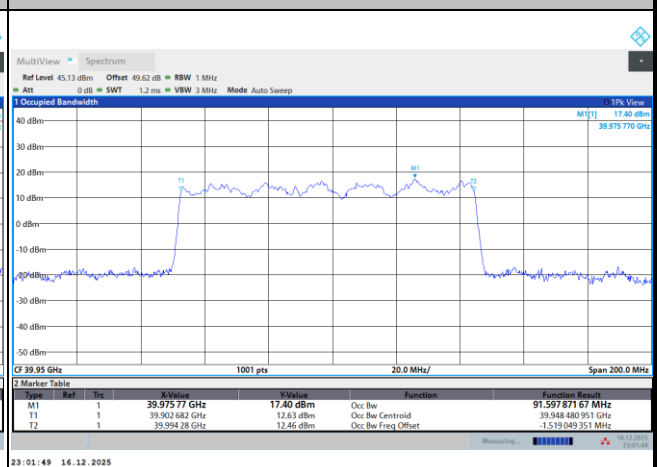
Middle Channel / 100MHz / 64QAM



Highest Channel / 100MHz / 16QAM



Highest Channel / 100MHz / 64QAM

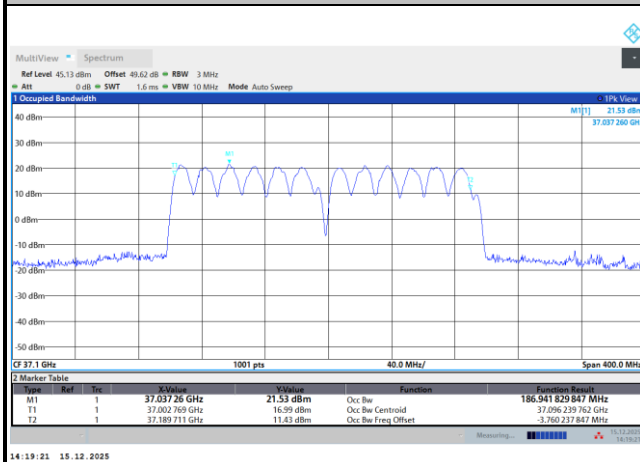




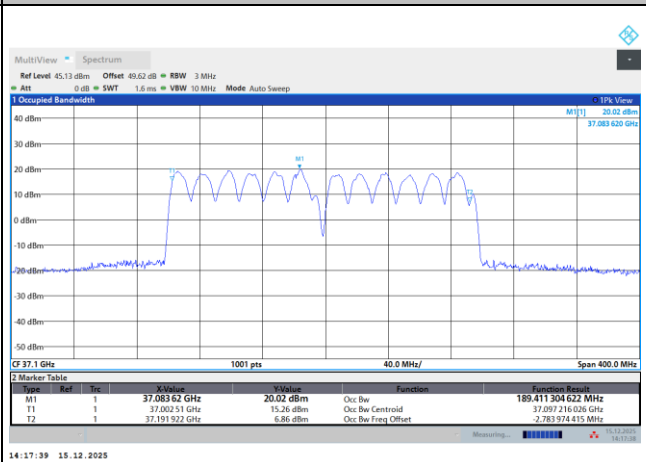
DFT-s-OFDM

NR Band n260

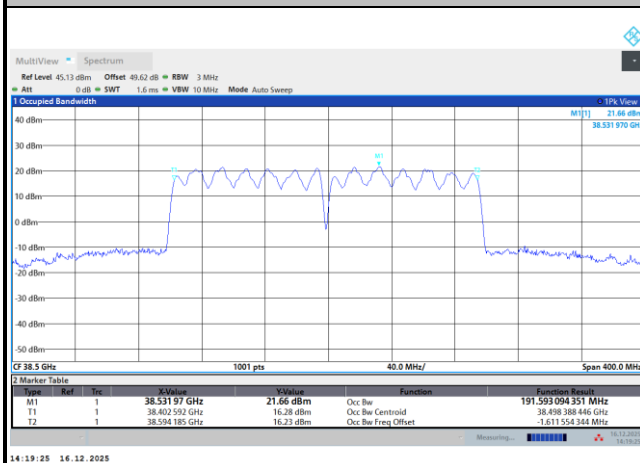
Lowest Channel / 200MHz / QPSK



Lowest Channel / 200MHz / 16QAM



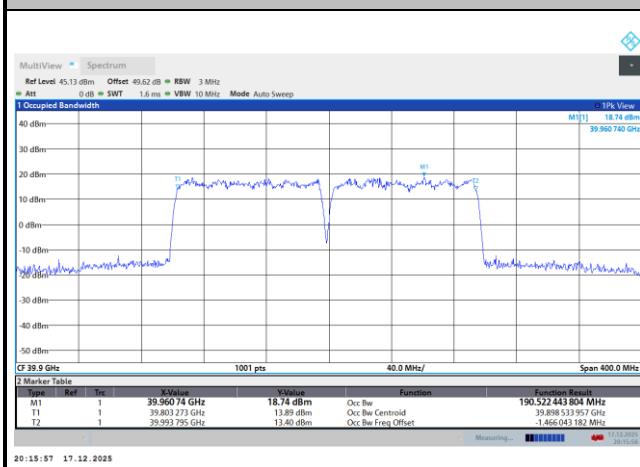
Middle Channel / 200MHz / QPSK



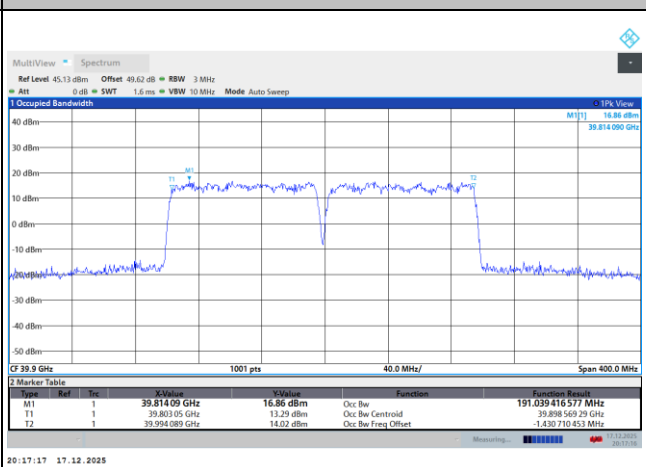
Middle Channel / 200MHz / 16QAM



Highest Channel / 200MHz / QPSK



Highest Channel / 200MHz / 16QAM

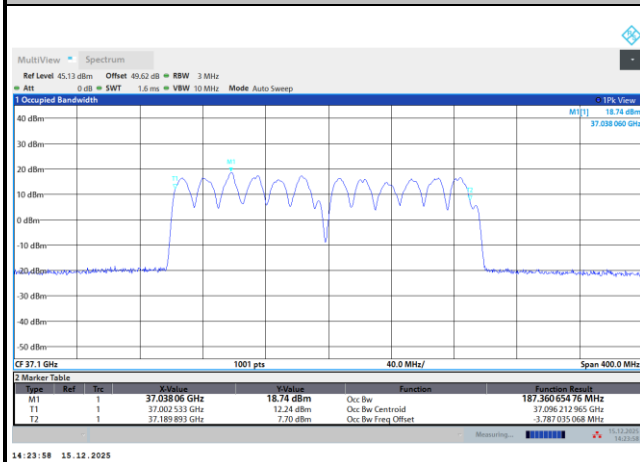




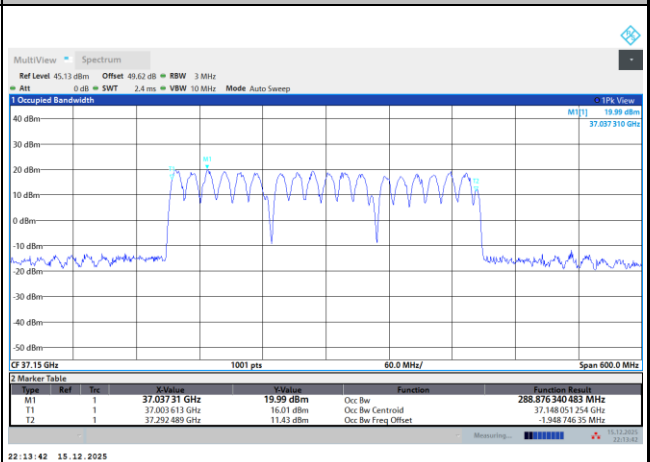
DFT-s-OFDM

NR Band n260

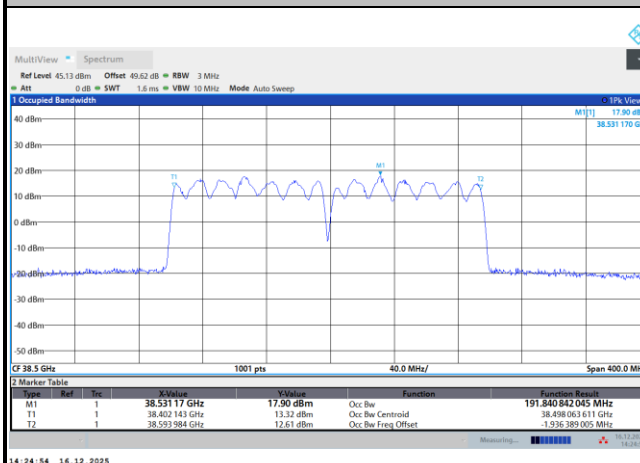
Lowest Channel / 200MHz / 64QAM



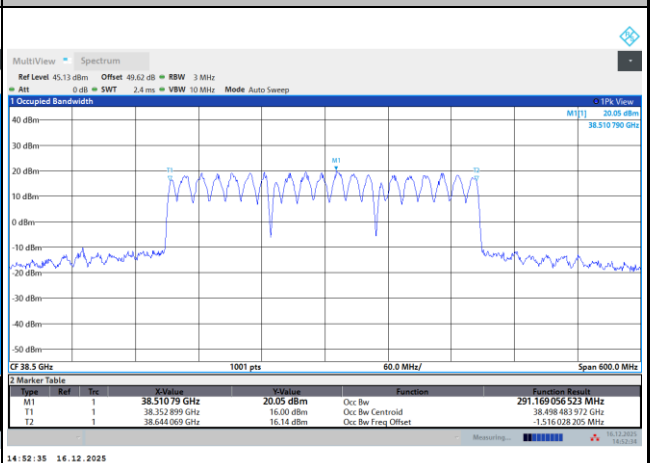
Lowest Channel / 300MHz / QPSK



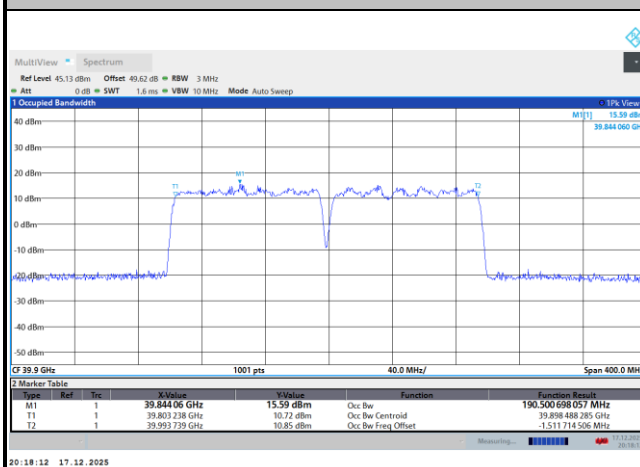
Middle Channel / 200MHz / 64QAM



Middle Channel / 300MHz / QPSK



Highest Channel / 200MHz / 64QAM

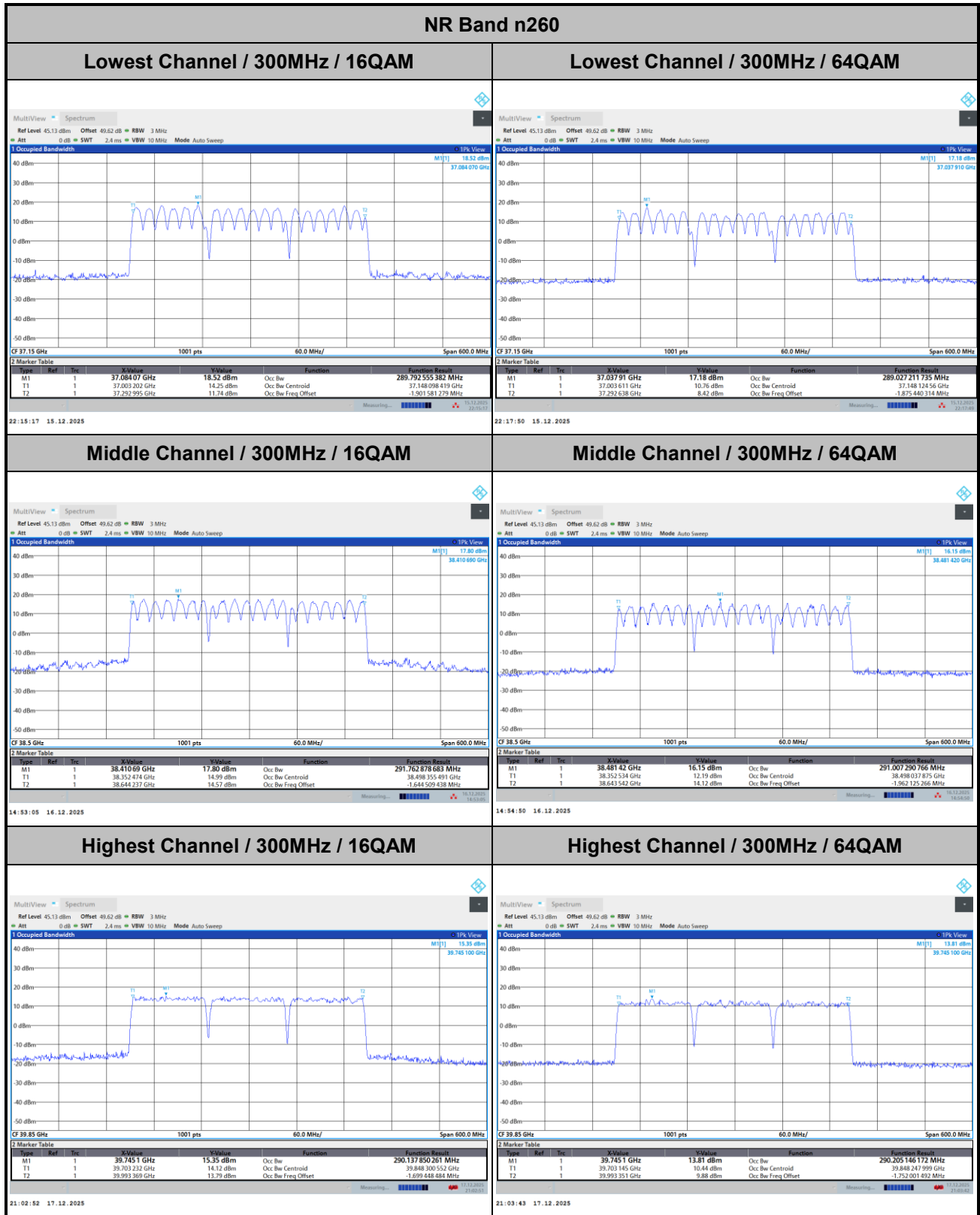


Highest Channel / 300MHz / QPSK





DFT-s-OFDM

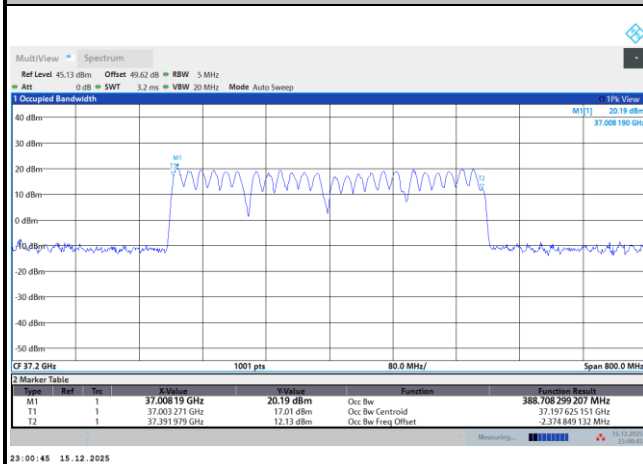




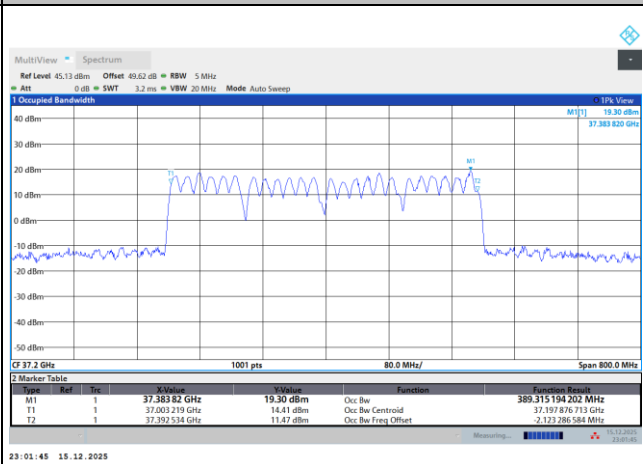
DFT-s-OFDM

NR Band n260

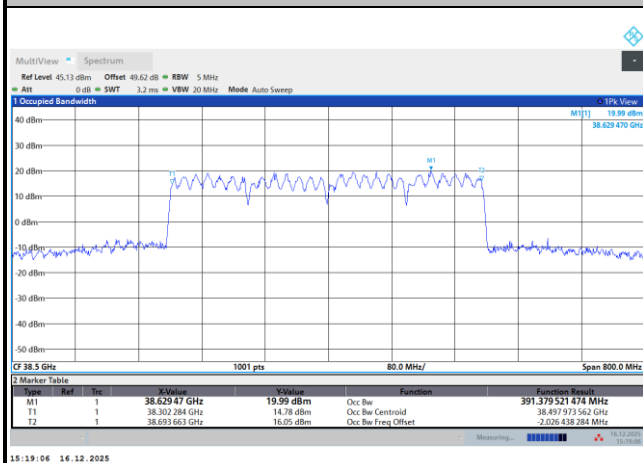
Lowest Channel / 400MHz / QPSK



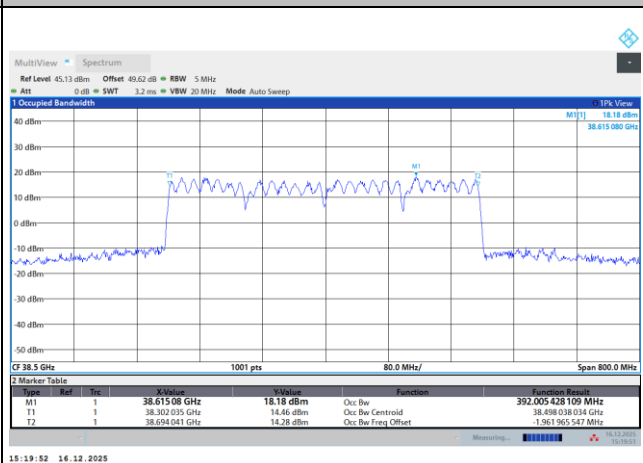
Lowest Channel / 400MHz / 16QAM



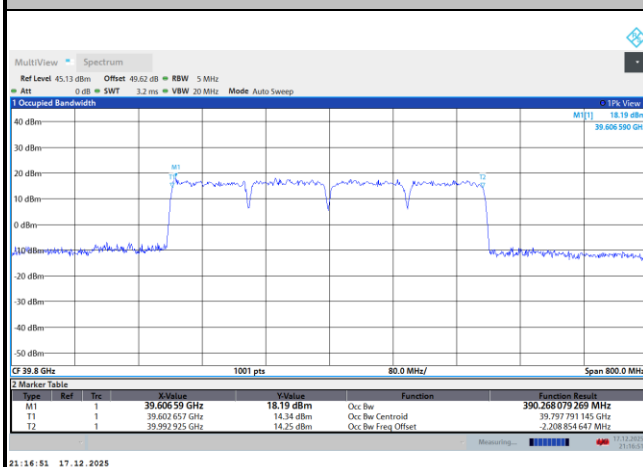
Middle Channel / 400MHz / QPSK



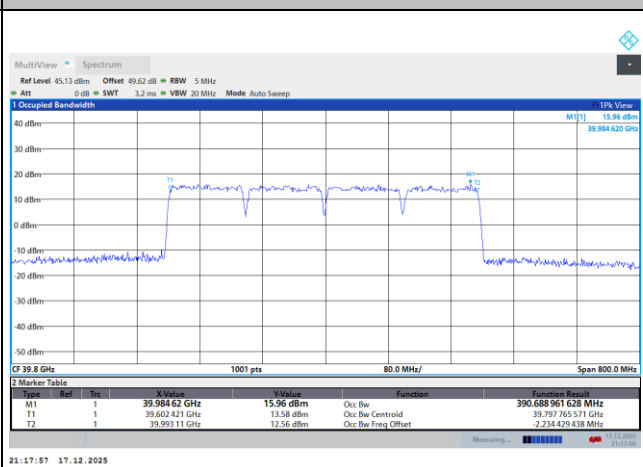
Middle Channel / 400MHz / 16QAM



Highest Channel / 400MHz / QPSK



Highest Channel / 400MHz / 16QAM

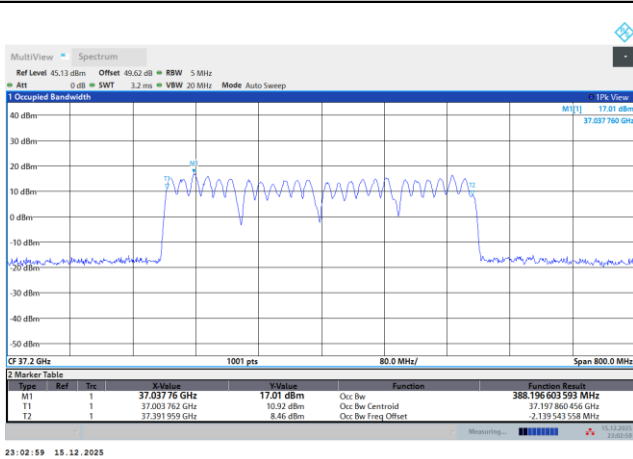




DFT-s-OFDM

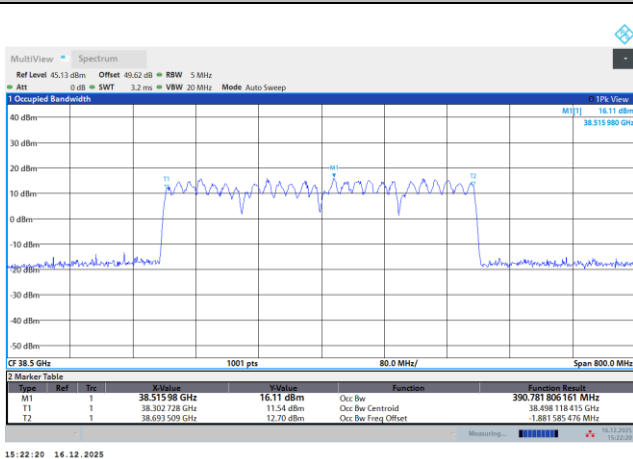
NR Band n260

Lowest Channel / 400MHz / 64QAM



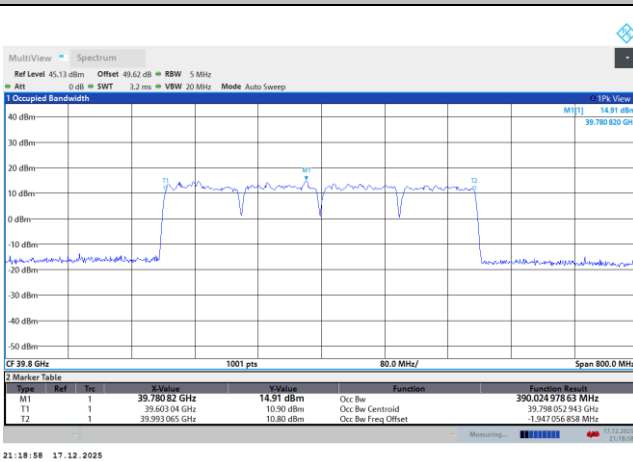
intentionally blank

Middle Channel / 400MHz / 64QAM



intentionally blank

Highest Channel / 400MHz / 64QAM



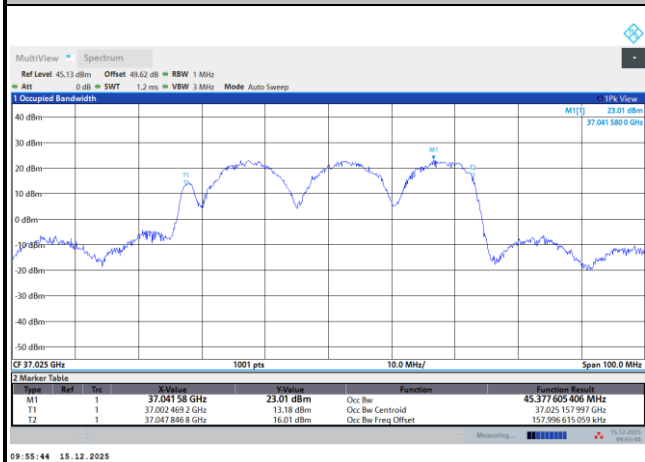
intentionally blank



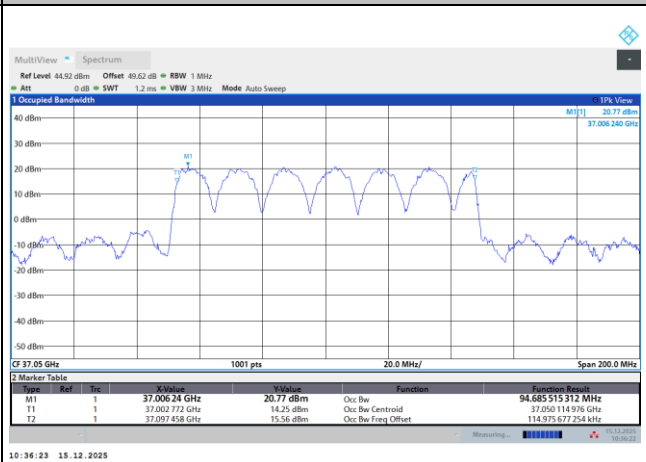
CP-OFDM

NR Band n260

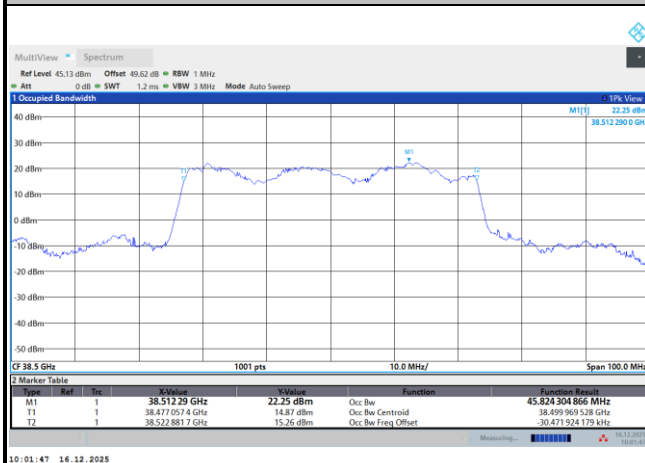
Lowest Channel / 50MHz / QPSK



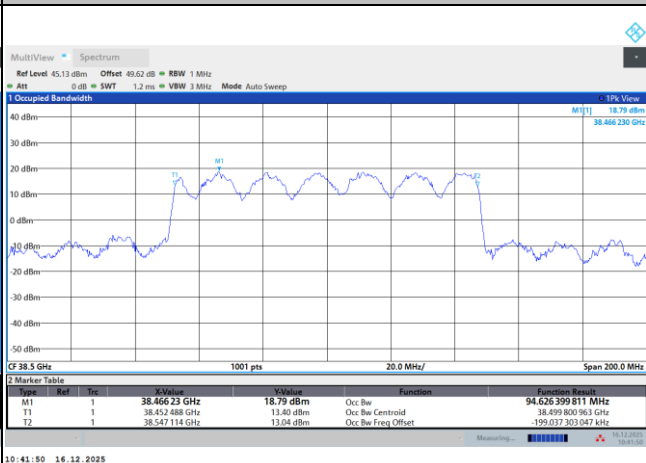
Lowest Channel / 100MHz / QPSK



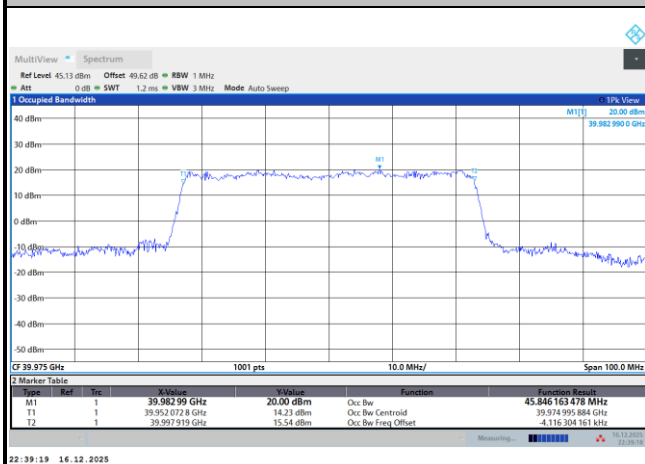
Middle Channel / 50MHz / QPSK



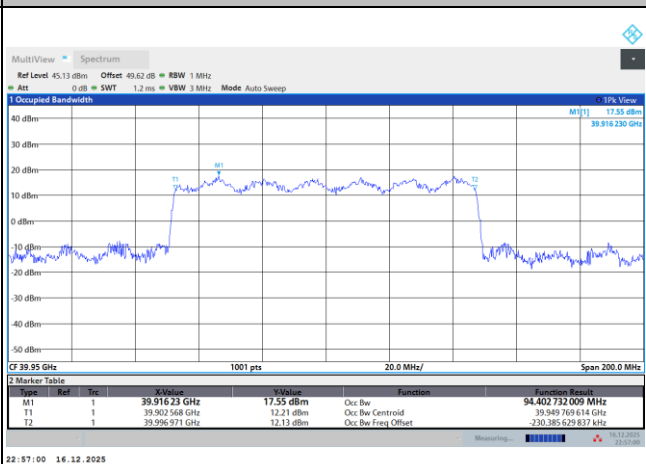
Middle Channel / 100MHz / QPSK



Highest Channel / 50MHz / QPSK



Highest Channel / 100MHz / QPSK

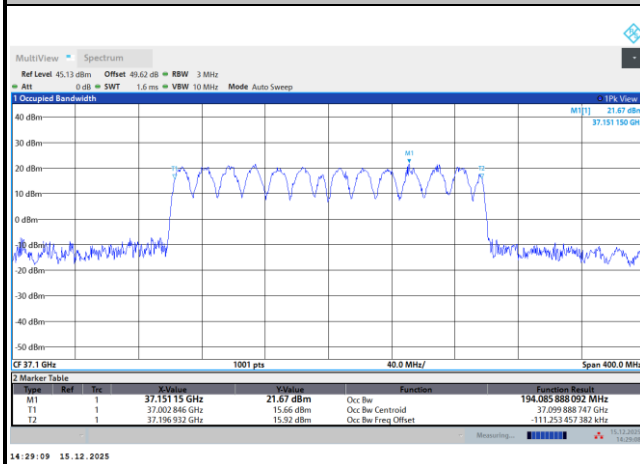




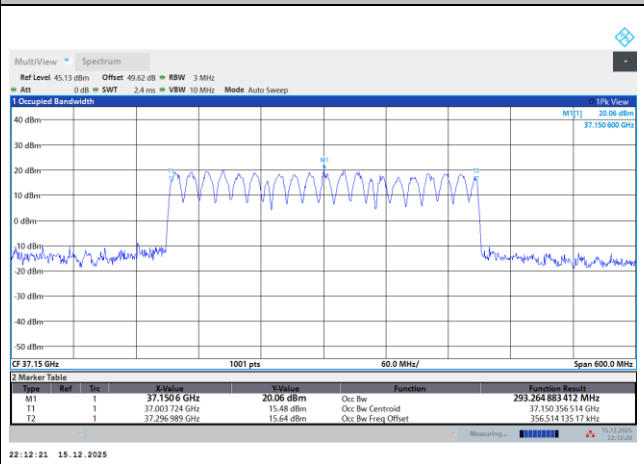
CP-OFDM

NR Band n260

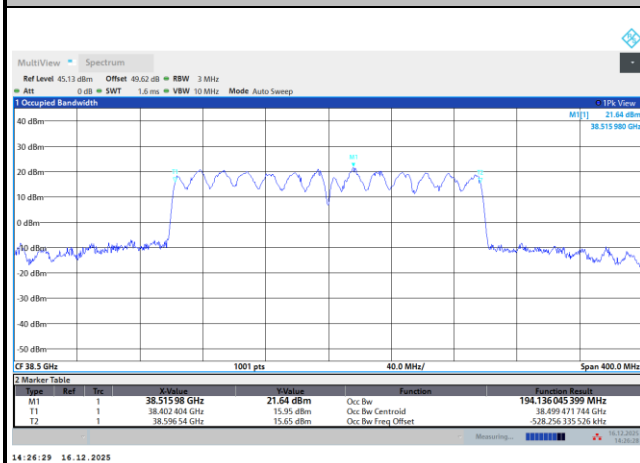
Lowest Channel / 200MHz / QPSK



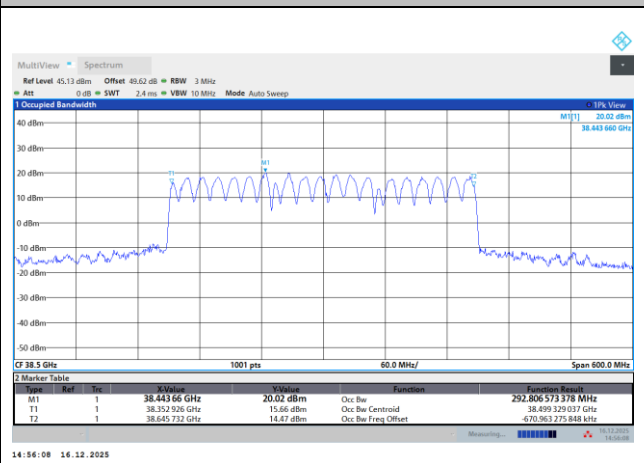
Lowest Channel / 300MHz / QPSK



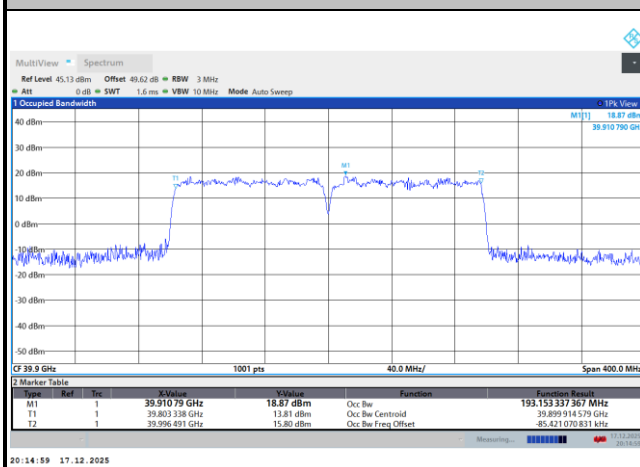
Middle Channel / 200MHz / QPSK



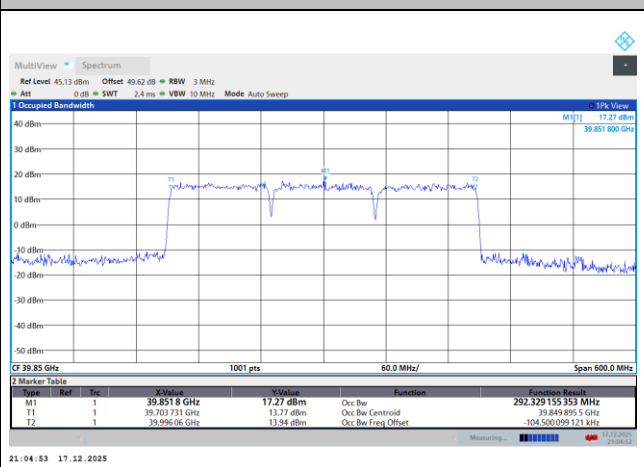
Middle Channel / 300MHz / QPSK



Highest Channel / 200MHz / QPSK



Highest Channel / 300MHz / QPSK

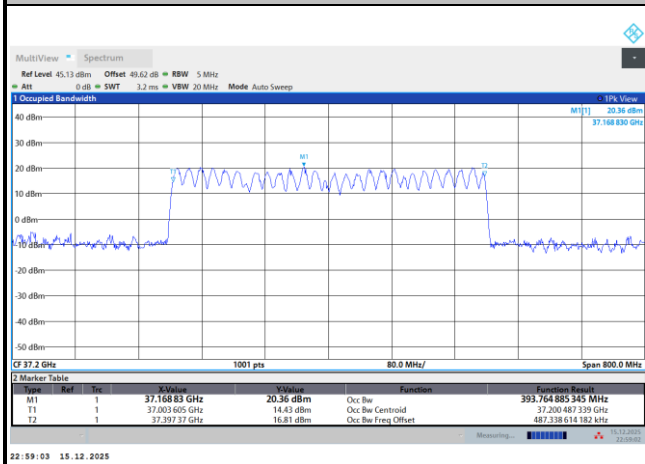




CP-OFDM

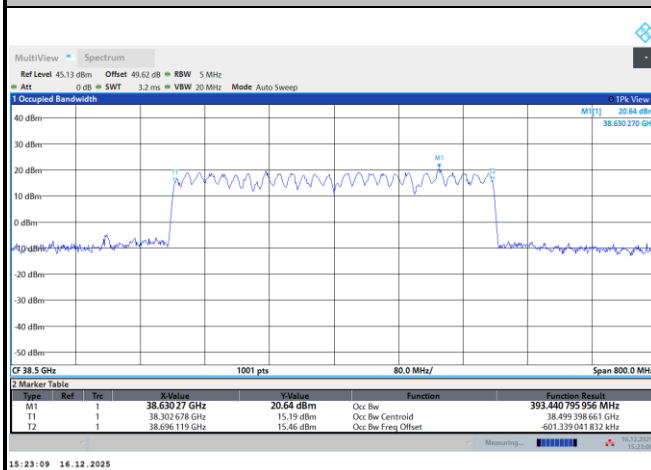
NR Band n260

Lowest Channel / 400MHz / QPSK



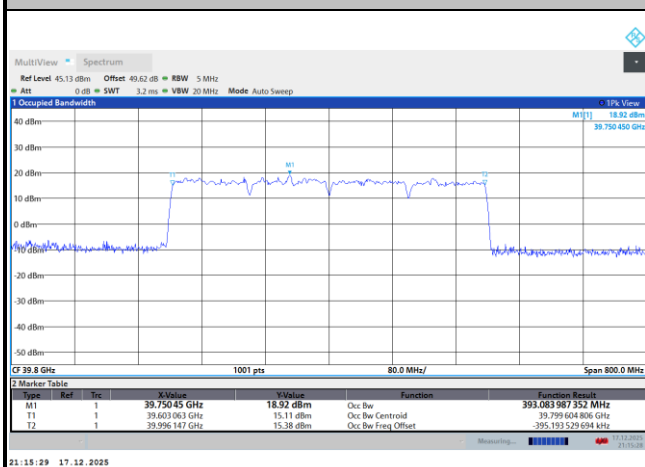
intentionally blank

Middle Channel / 400MHz / QPSK



intentionally blank

Highest Channel / 400MHz / QPSK



intentionally blank

Radiated Out of Band Emissions

Mode			DFT-s-OFDM NR Band n260 : BE (dBm) 1 RB								
BW			50MHz			100MHz			200MHz		
Limit (dBm)			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Low CH	0~10%OB	≤-5	-6.96	-8.87	-8.00	-9.53	-11.08	-12.99	-15.10	-14.19	-17.24
	>10%OB	≤-13	-24.71	-25.20	-26.89	-25.45	-26.20	-28.35	-25.33	-25.54	-27.56
High CH	0~10%OB	≤-5	-11.93	-11.73	-15.91	-16.45	-14.87	-17.51	-21.56	-21.46	-24.71
	>10%OB	≤-13	-25.78	-26.56	-27.96	-27.16	-27.73	-29.64	-19.74	-18.41	-24.13
Result			Compliance								

Mode			DFT-s-OFDM NR Band n260 : BE (dBm) 1 RB					
BW			300MHz			400MHz		
Limit (dBm)			QPSK-21.0	16QAM	64QAM	QPSK	16QAM	64QAM
Low CH	0~10%OB	≤-5	-19.91	-19.79	-21.53	-23.88	-22.06	-25.74
	>10%OB	≤-13	-22.54	-22.60	-26.60	-16.34	-16.12	-21.05
High CH	0~10%OB	≤-5	-25.65	-25.05	-25.86	-25.19	-29.21	-27.47
	>10%OB	≤-13	-20.82	-17.09	-25.90	-15.26	-23.62	-20.74
Result			Compliance					

Mode			CP-OFDM NR Band n260 : BE (dBm) 1 RB		
BW			50MHz	100MHz	200MHz
Limit (dBm)			QPSK	QPSK	QPSK
Low CH	0~10%OB	≤-5	-6.73	-12.34	-15.64
	>10%OB	≤-13	-25.89	-26.43	-22.52
High CH	0~10%OB	≤-5	-11.33	-14.69	-24.22
	>10%OB	≤-13	-27.15	-28.21	-16.54
Result			Compliance		

Mode			CP-OFDM NR Band n260 : BE (dBm) 1 RB	
BW			300MHz	400MHz
Limit (dBm)			QPSK	QPSK
Low CH	0~10%OB	≤-5	-21.05	-23.88
	>10%OB	≤-13	-22.11	-16.34
High CH	0~10%OB	≤-5	-24.69	-26.90
	>10%OB	≤-13	-19.70	-14.56
Result			Compliance	

Mode			DFT-s-OFDM NR Band n260 : BE (dBm) Full RB								
BW			50MHz			100MHz			200MHz		
Limit (dBm)			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Low CH	0~10%OB	≤-5	-14.82	-18.63	-23.53	-18.46	-20.31	-24.15	-27.04	-29.97	-32.37
	>10%OB	≤-13	-15.54	-18.43	-23.08	-18.52	-20.72	-24.93	-28.72	-31.23	-34.55
High CH	0~10%OB	≤-5	-18.07	-21.20	-23.93	-20.24	-23.52	-27.61	-28.08	-30.13	-32.96
	>10%OB	≤-13	-20.63	-23.14	-27.18	-19.80	-22.81	-27.62	-28.66	-31.10	-33.35
Result			Compliance								

Mode			DFT-s-OFDM NR Band n260 : BE (dBm) Full RB					
BW			300MHz			400MHz		
Limit (dBm)			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Low CH	0~10%OB	≤-5	-27.96	-31.10	-33.93	-26.33	-27.96	-32.95
	>10%OB	≤-13	-27.34	-31.71	-34.56	-25.13	-27.69	-32.95
High CH	0~10%OB	≤-5	-28.52	-30.06	-33.42	-27.39	-29.78	-33.45
	>10%OB	≤-13	-29.56	-31.24	-33.33	-27.23	-30.20	-33.00
Result			Compliance					

Mode			CP-OFDM NR Band n260 : BE (dBm) Full RB		
BW			50MHz	100MHz	200MHz
Limit (dBm)			QPSK	QPSK	QPSK
Low CH	0~10%OB	≤-5	-15.24	-16.97	-25.00
	>10%OB	≤-13	-16.97	-16.74	-25.19
High CH	0~10%OB	≤-5	-19.13	-21.08	-26.60
	>10%OB	≤-13	-21.09	-20.24	-27.62
Result			Compliance		

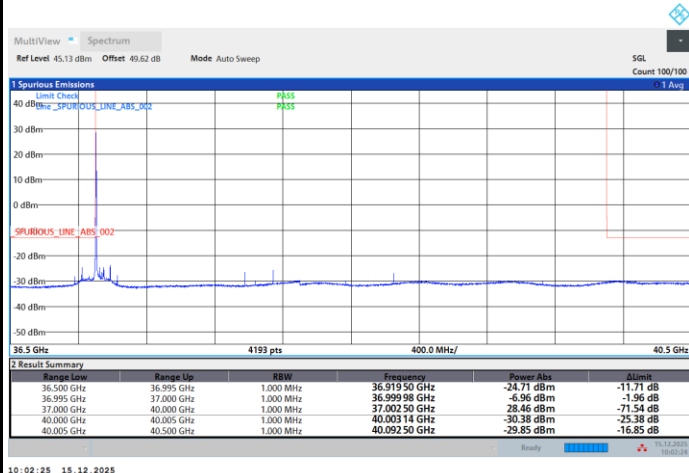
Mode			CP-OFDM NR Band n260 : BE (dBm) Full RB	
BW			300MHz	400MHz
Limit (dBm)			QPSK	QPSK
Low CH	0~10%OB	≤-5	-26.60	-25.36
	>10%OB	≤-13	-27.41	-24.17
High CH	0~10%OB	≤-5	-27.19	-27.52
	>10%OB	≤-13	-28.77	-28.34
Result			Compliance	



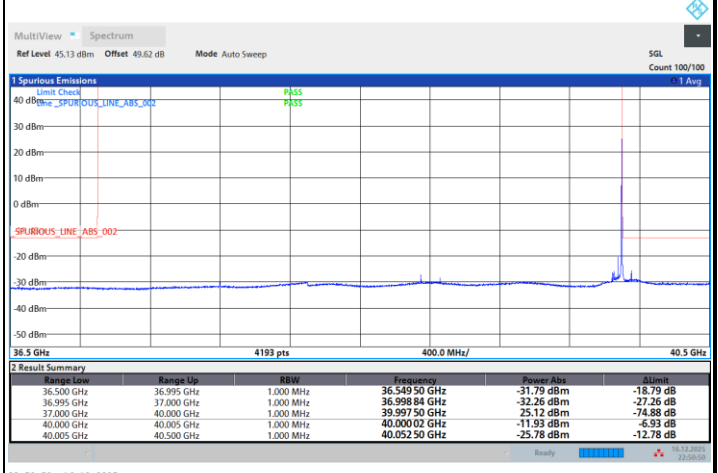
DFT-s-OFDM

NR Band n260 / 50MHz / QPSK

Lowest Band Edge / 1 RB

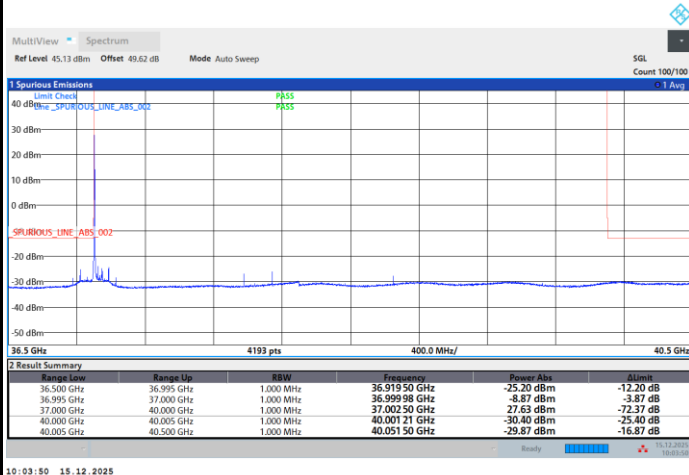


Highest Band Edge / 1 RB

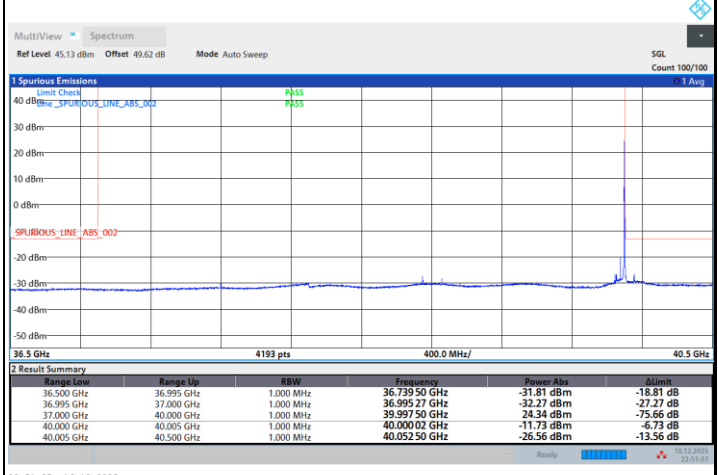


NR Band n260 / 50MHz / 16QAM

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB

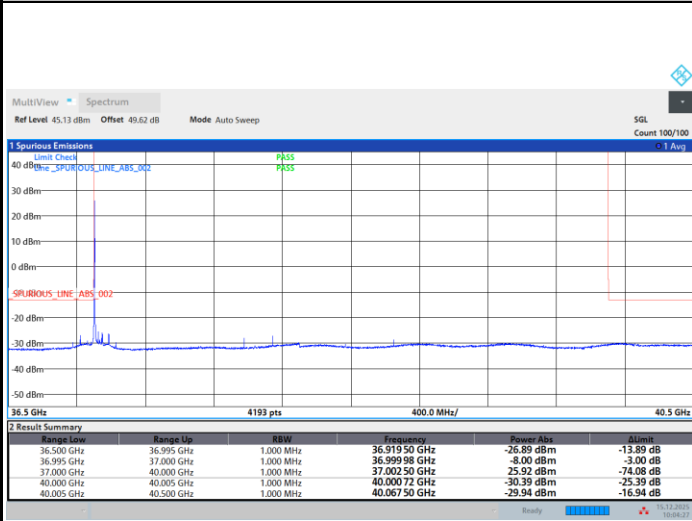




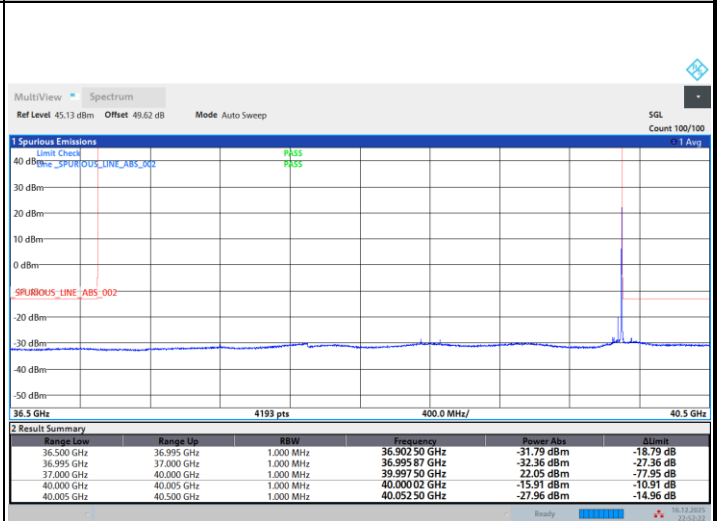
DFT-s-OFDM

NR Band n260 / 50MHz / 64QAM

Lowest Band Edge / 1 RB

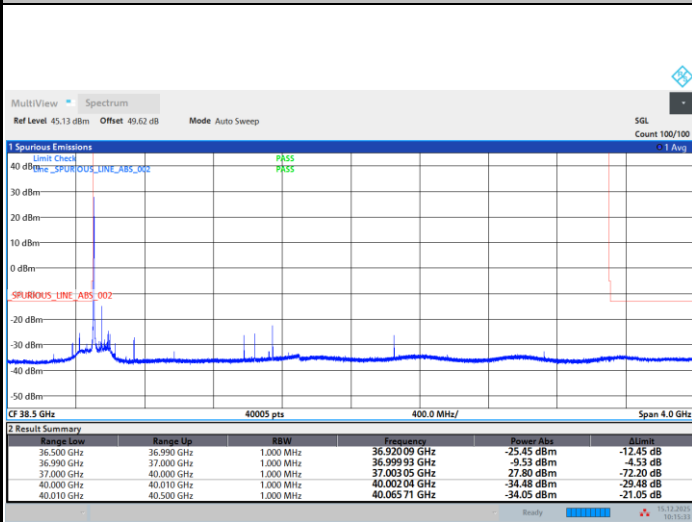


Highest Band Edge / 1 RB



NR Band n260 / 100MHz / QPSK

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB

