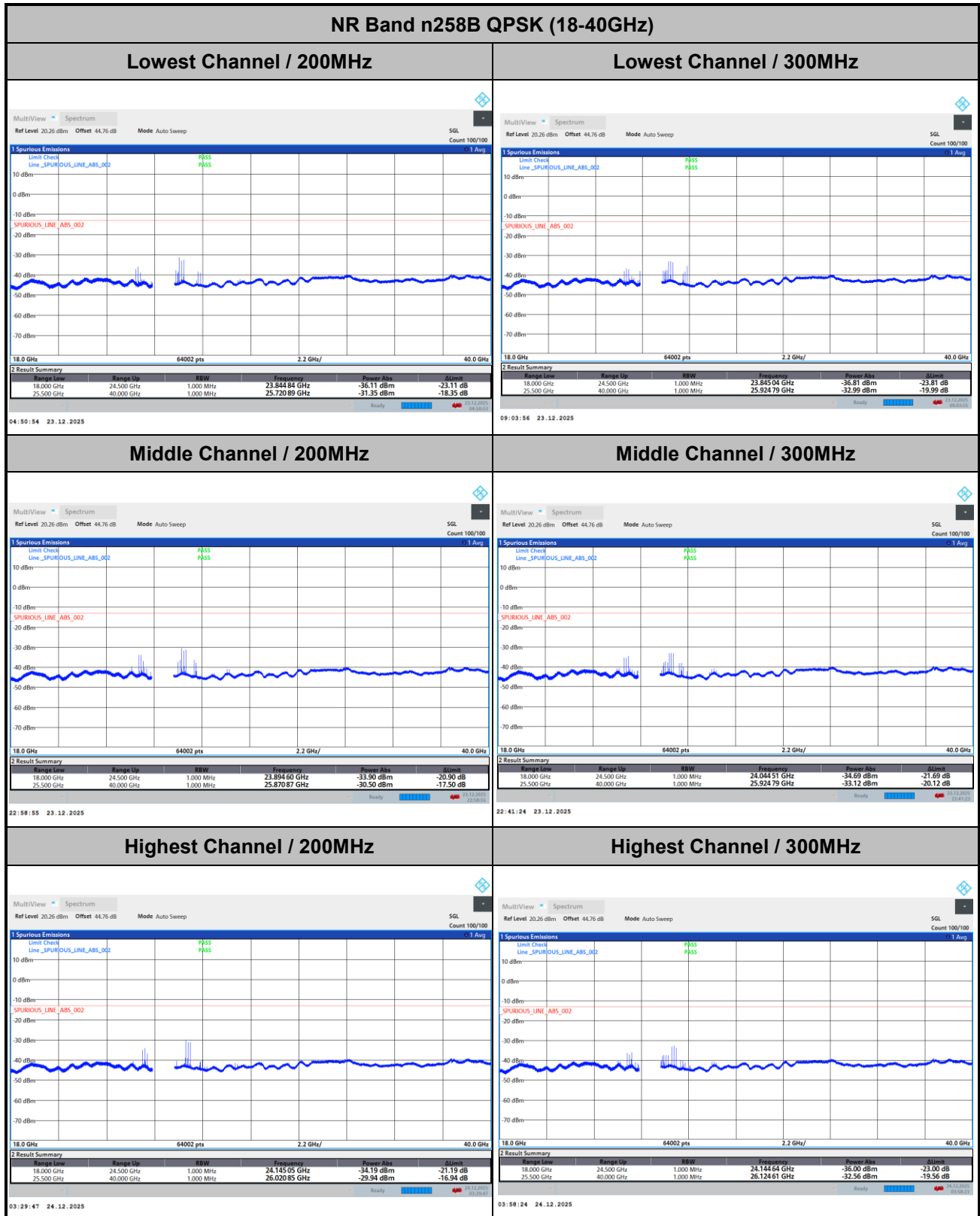




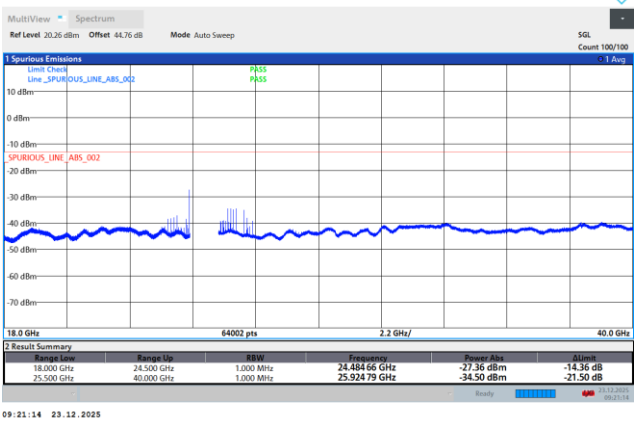
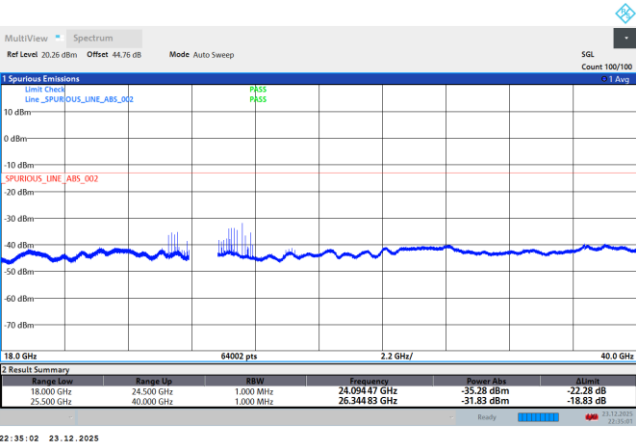
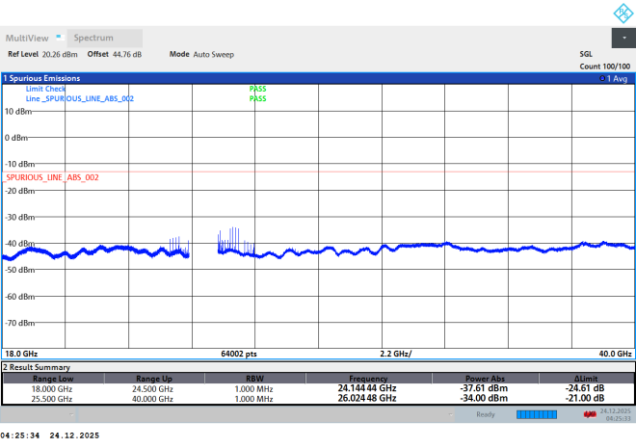
DFT-s-OFDM



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



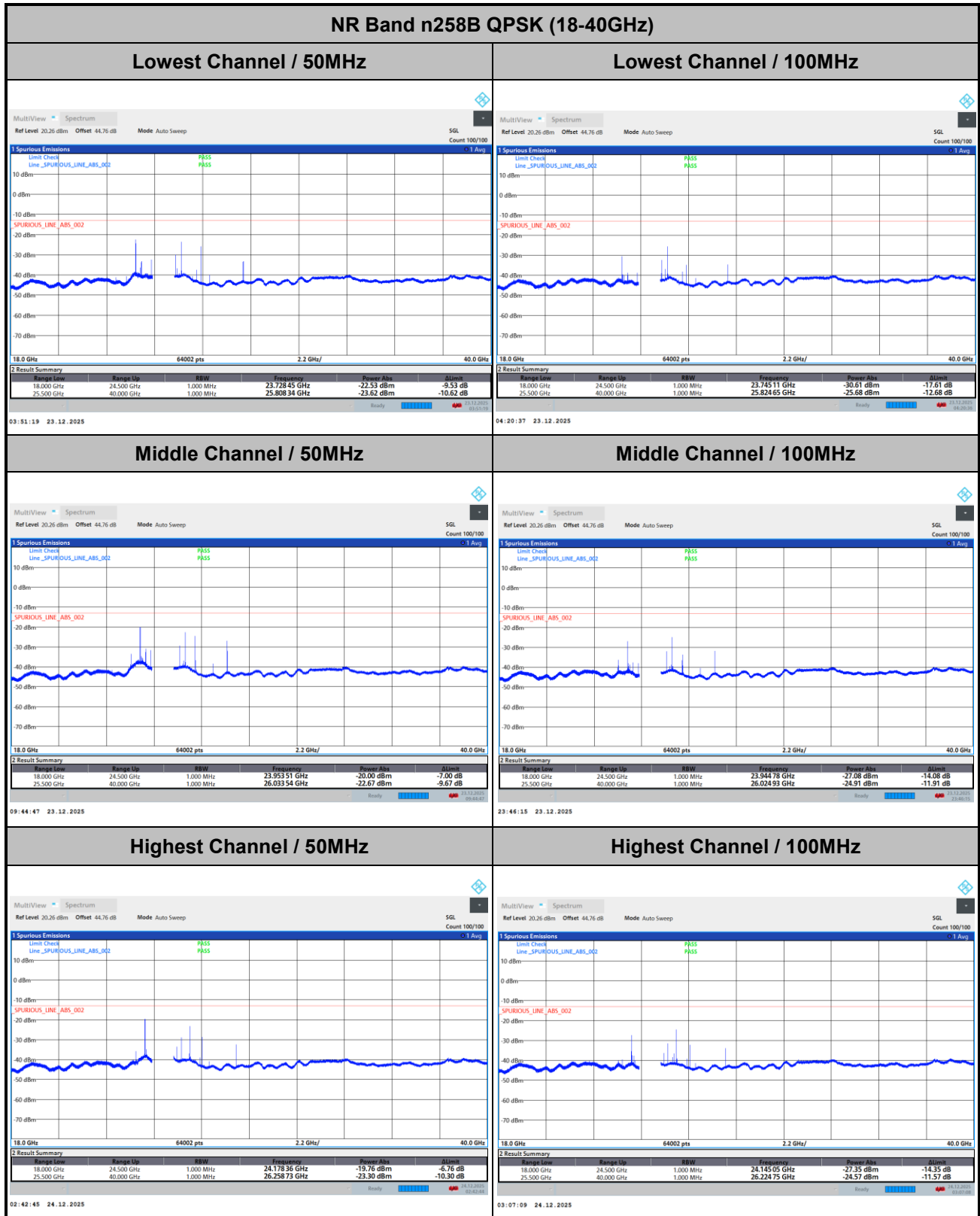
DFT-s-OFDM

NR Band n258B QPSK (18-40GHz)	
Lowest Channel / 400MHz  intentionally blank	
Middle Channel / 400MHz  intentionally blank	
Highest Channel / 400MHz  intentionally blank	

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



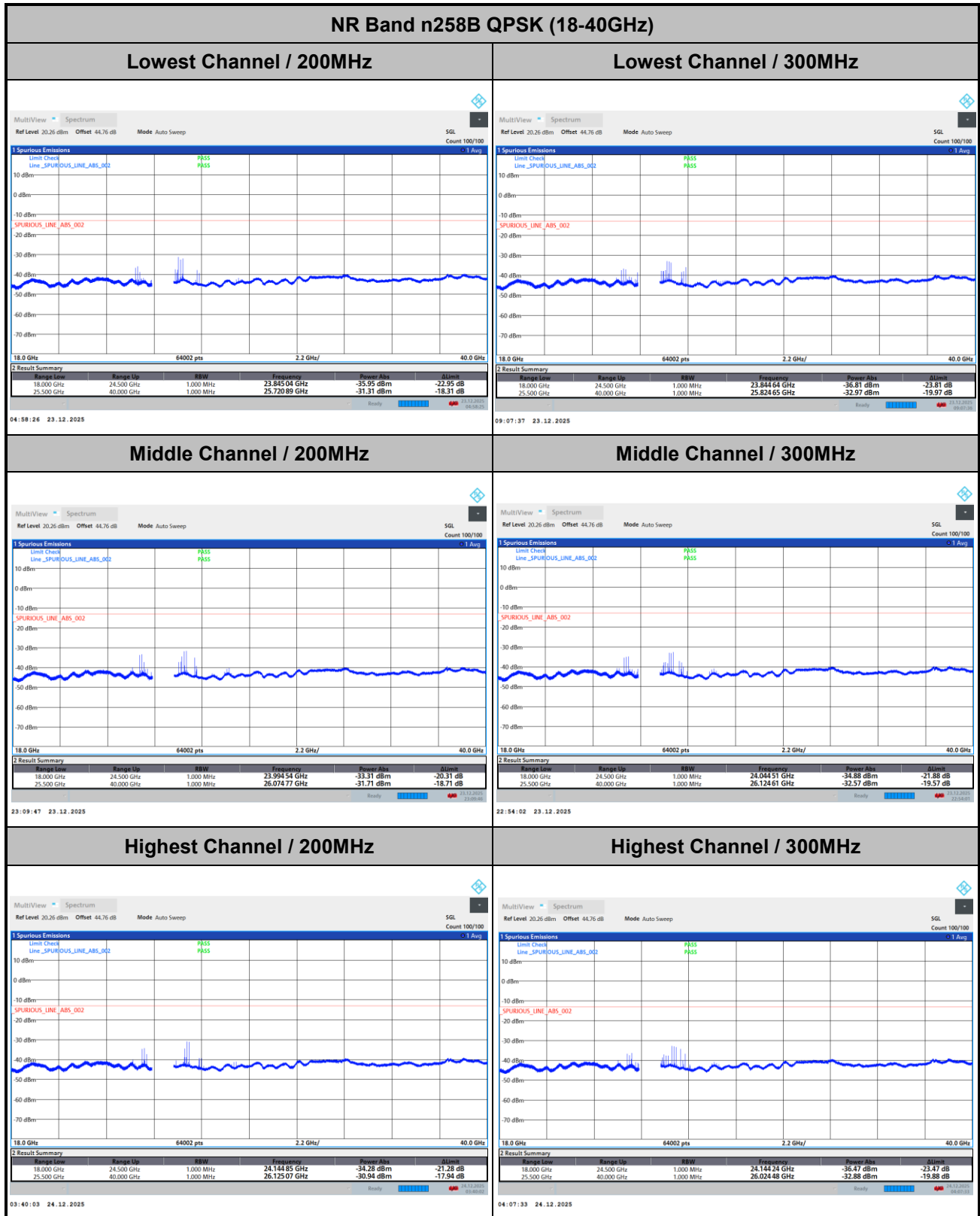
CP-OFDM



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



CP-OFDM



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



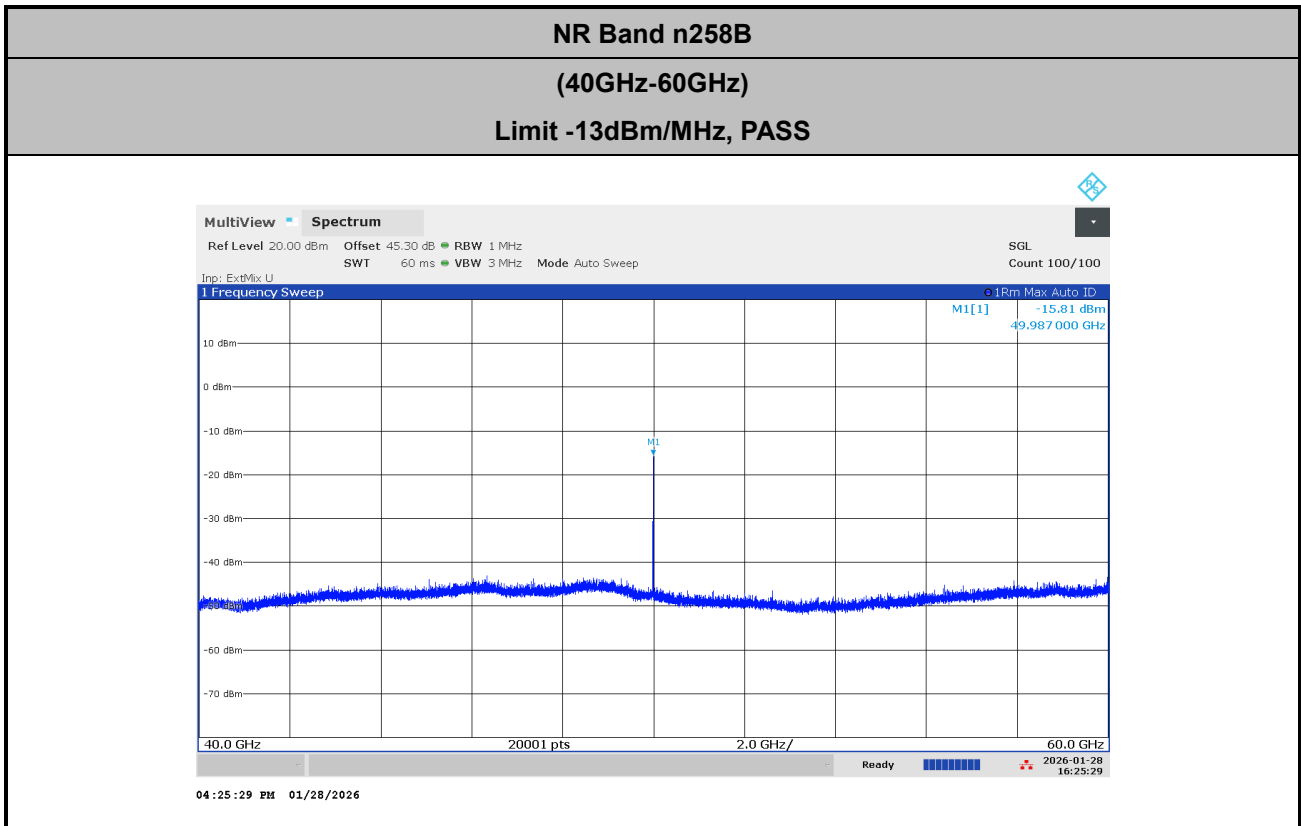
CP-OFDM

NR Band 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><th>Range Low</th><th>Range Up</th><th>RBW</th><th>Frequency</th><th>Power Abs</th><th>Limit</th></tr><tr><td>18.000 GHz</td><td>24.500 GHz</td><td>1.000 MHz</td><td>24.485 27 GHz</td><td>-24.74 dBm</td><td>-11.74 dB</td></tr><tr><td>25.500 GHz</td><td>40.000 GHz</td><td>1.000 MHz</td><td>26.395 12 GHz</td><td>-32.15 dBm</td><td>-19.15 dB</td></tr></table> Ready 09:18:31 23.12.2025	Range Low	Range Up	RBW	Frequency	Power Abs	Limit	18.000 GHz	24.500 GHz	1.000 MHz	24.485 27 GHz	-24.74 dBm	-11.74 dB	25.500 GHz	40.000 GHz	1.000 MHz	26.395 12 GHz	-32.15 dBm	-19.15 dB	intentionally blank
Range Low	Range Up	RBW	Frequency	Power Abs	Limit														
18.000 GHz	24.500 GHz	1.000 MHz	24.485 27 GHz	-24.74 dBm	-11.74 dB														
25.500 GHz	40.000 GHz	1.000 MHz	26.395 12 GHz	-32.15 dBm	-19.15 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><th>Range Low</th><th>Range Up</th><th>RBW</th><th>Frequency</th><th>Power Abs</th><th>Limit</th></tr><tr><td>18.000 GHz</td><td>24.500 GHz</td><td>1.000 MHz</td><td>24.094 88 GHz</td><td>-36.13 dBm</td><td>-23.13 dB</td></tr><tr><td>25.500 GHz</td><td>40.000 GHz</td><td>1.000 MHz</td><td>26.344 83 GHz</td><td>-32.73 dBm</td><td>-19.73 dB</td></tr></table> Ready 22:38:58 23.12.2025	Range Low	Range Up	RBW	Frequency	Power Abs	Limit	18.000 GHz	24.500 GHz	1.000 MHz	24.094 88 GHz	-36.13 dBm	-23.13 dB	25.500 GHz	40.000 GHz	1.000 MHz	26.344 83 GHz	-32.73 dBm	-19.73 dB	intentionally blank
Range Low	Range Up	RBW	Frequency	Power Abs	Limit														
18.000 GHz	24.500 GHz	1.000 MHz	24.094 88 GHz	-36.13 dBm	-23.13 dB														
25.500 GHz	40.000 GHz	1.000 MHz	26.344 83 GHz	-32.73 dBm	-19.73 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><th>Range Low</th><th>Range Up</th><th>RBW</th><th>Frequency</th><th>Power Abs</th><th>Limit</th></tr><tr><td>18.000 GHz</td><td>24.500 GHz</td><td>1.000 MHz</td><td>24.144 64 GHz</td><td>-37.70 dBm</td><td>-24.70 dB</td></tr><tr><td>25.500 GHz</td><td>40.000 GHz</td><td>1.000 MHz</td><td>26.024 48 GHz</td><td>-35.87 dBm</td><td>-20.87 dB</td></tr></table> Ready 04:33:25 24.12.2025	Range Low	Range Up	RBW	Frequency	Power Abs	Limit	18.000 GHz	24.500 GHz	1.000 MHz	24.144 64 GHz	-37.70 dBm	-24.70 dB	25.500 GHz	40.000 GHz	1.000 MHz	26.024 48 GHz	-35.87 dBm	-20.87 dB	intentionally blank
Range Low	Range Up	RBW	Frequency	Power Abs	Limit														
18.000 GHz	24.500 GHz	1.000 MHz	24.144 64 GHz	-37.70 dBm	-24.70 dB														
25.500 GHz	40.000 GHz	1.000 MHz	26.024 48 GHz	-35.87 dBm	-20.87 dB														

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.



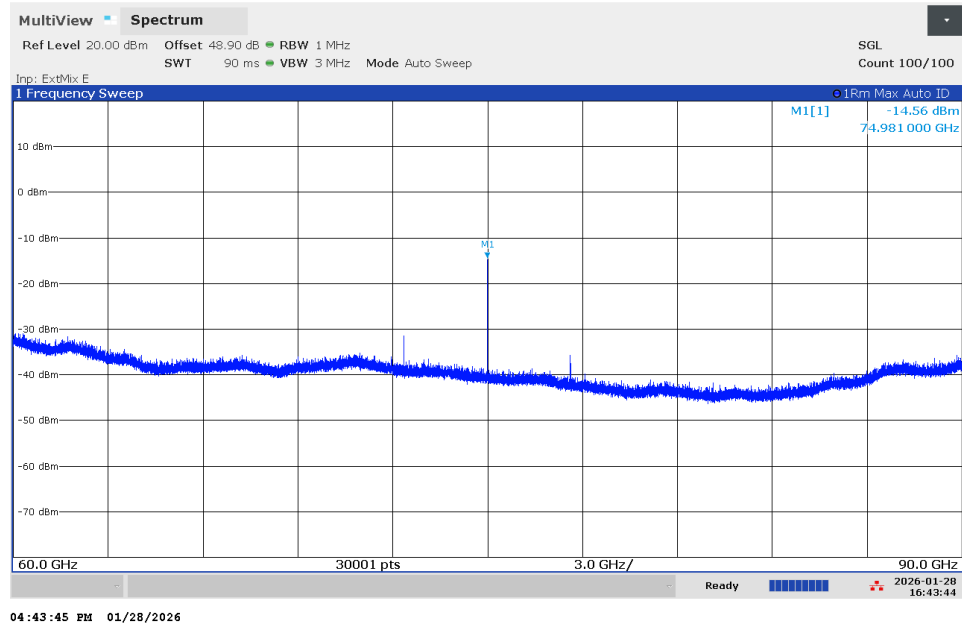
$$\text{Offset} = \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8$$
$$= 42.6 + 0.5 + 107 + 20\log(1) - 104.8 = 45.3\text{dB}$$



NR Band n258B

(60GHz-90GHz)

Limit -13dBm/MHz, PASS



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

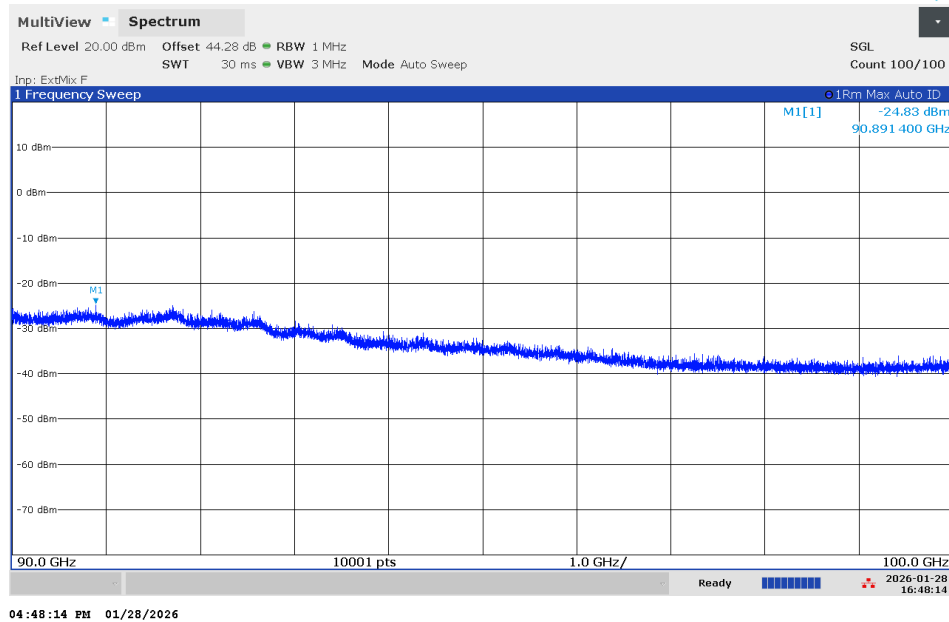
$$= 46.2 + 0.5 + 107 + 20\log(1) - 104.8 = 48.9\text{dB}$$



NR Band n258B

(90GHz-100GHz)

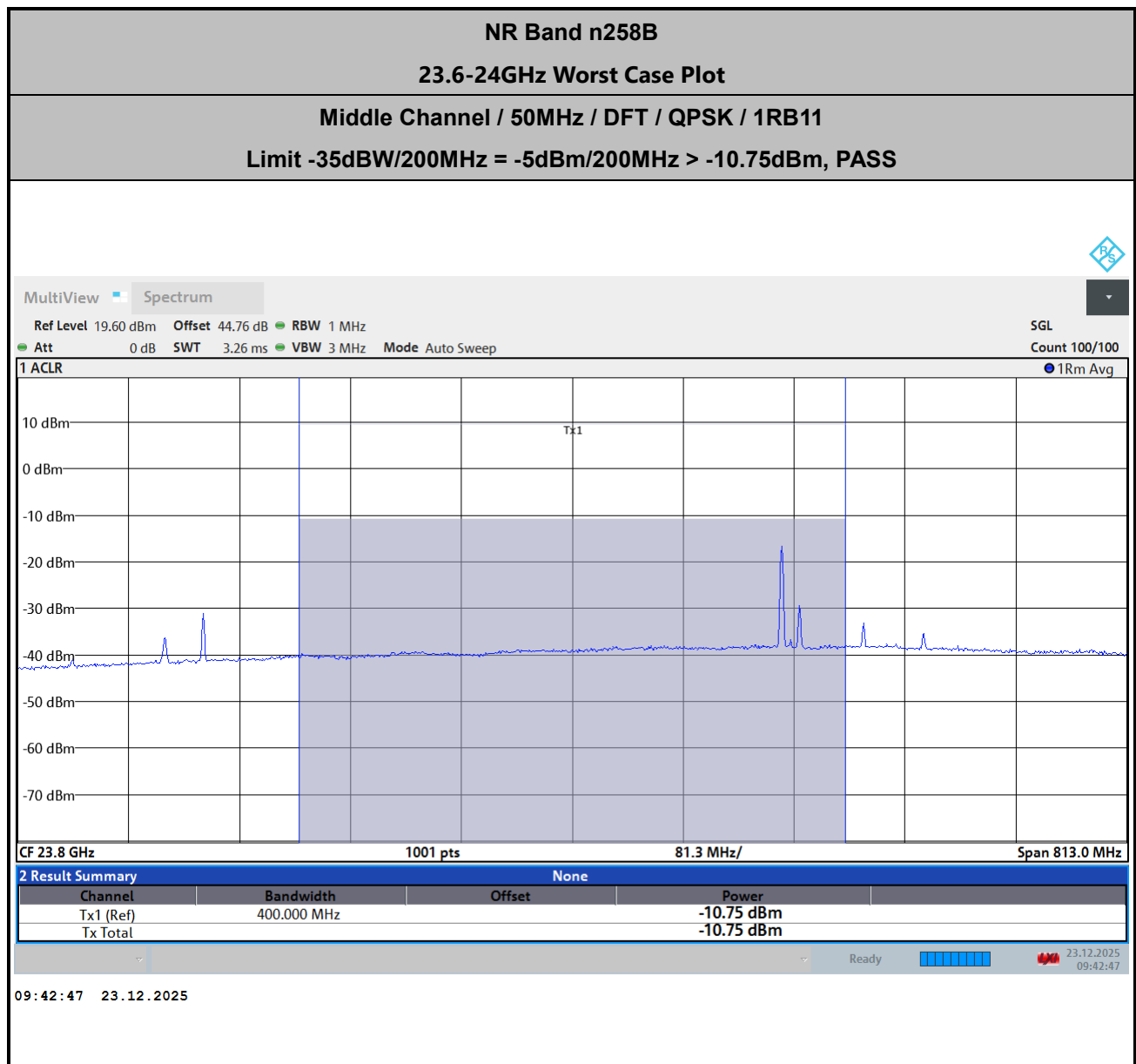
Limit -13dBm/MHz, PASS



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

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).



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

$$= 39.1 + 3.46 + 107 + 20\log(1) - 104.8 = 44.76(\text{dB})$$

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	24.999951000	15.000	0.600	Pass
40	Normal Voltage	24.999955000	11.000	0.440	
30	Normal Voltage	24.999958000	8.000	0.320	
20(Ref.)	Normal Voltage	24.999966000	0.000	0.000	
10	Normal Voltage	24.999971000	-5.000	0.200	
0	Normal Voltage	24.999973000	-7.000	0.280	
-10	Normal Voltage	24.999974000	-8.000	0.320	
-20	Normal Voltage	24.999974000	-8.000	0.320	
-30	Normal Voltage	24.999975000	-9.000	0.360	
20	Maximum Voltage	24.999966000	0.000	0.000	
20	Normal Voltage	24.999966000	0.000	0.000	
20	Battery End Point	24.999966000	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 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	44.88	44.73	45.03	92.12	92.13	92.08	191.75	192.42	191.90
Middle CH	46.36	46.45	46.38	86.97	87.36	87.41	187.06	186.63	186.69
Highest CH	46.34	46.46	46.40	92.19	92.22	92.07	186.52	186.73	186.72

Mode	DFT-s-OFDM NR Band n260 : 99%OBW(MHz)					
BW	300MHz			400MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	290.90	291.12	291.07	391.35	391.29	391.76
Middle CH	291.20	291.65	291.60	392.32	392.22	392.15
Highest CH	286.41	286.63	286.39	386.69	386.37	386.95

Mode	CP-OFDM NR Band n260 : 99%OBW(MHz)		
BW	50MHz	100MHz	200MHz
Mod.	QPSK	QPSK	QPSK
Lowest CH	44.92	94.83	194.27
Middle CH	46.30	92.33	191.16
Highest CH	46.22	94.96	191.65

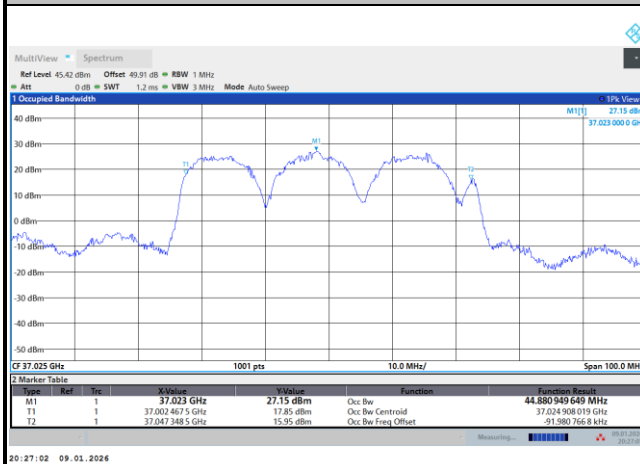
Mode	CP-OFDM NR Band n260 : 99%OBW(MHz)	
BW	300MHz	400MHz
Mod.	QPSK	QPSK
Lowest CH	293.06	394.16
Middle CH	293.95	394.82
Highest CH	290.07	390.82



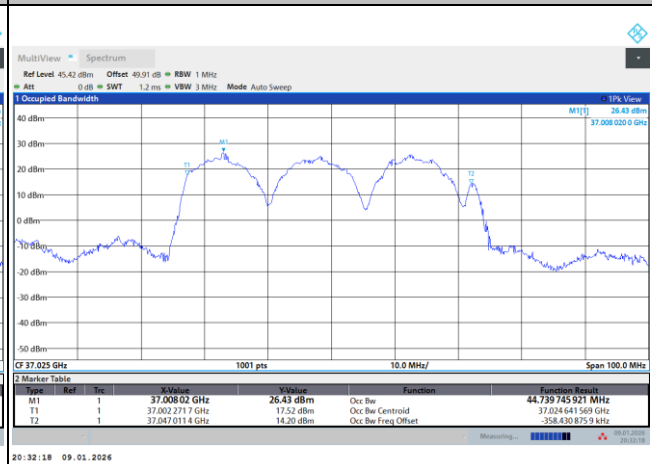
DFT-s-OFDM

NR Band n260

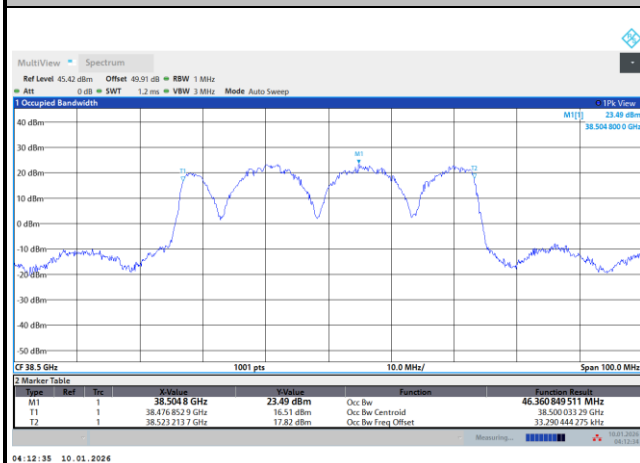
Lowest Channel / 50MHz / QPSK



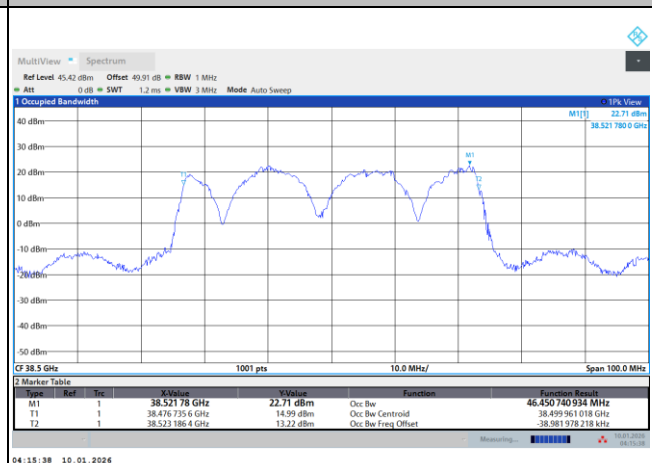
Lowest Channel / 50MHz / 16QAM



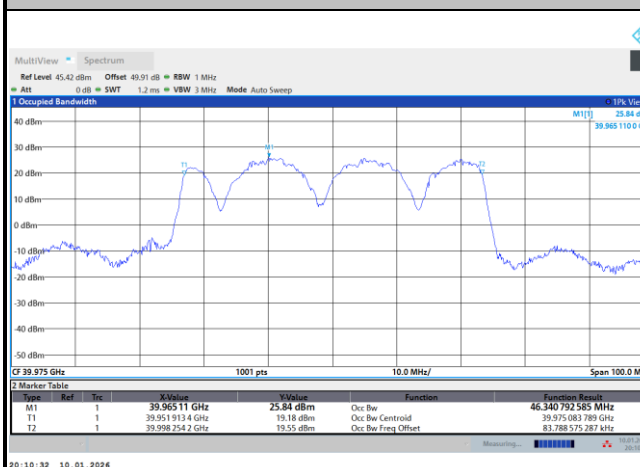
Middle Channel / 50MHz / QPSK



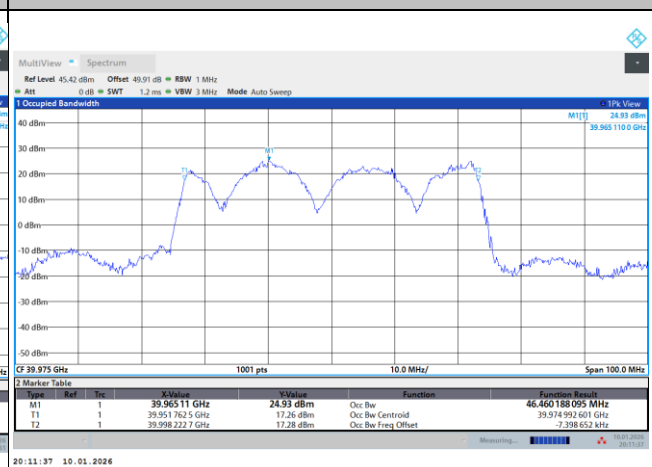
Middle Channel / 50MHz / 16QAM



Highest Channel / 50MHz / QPSK

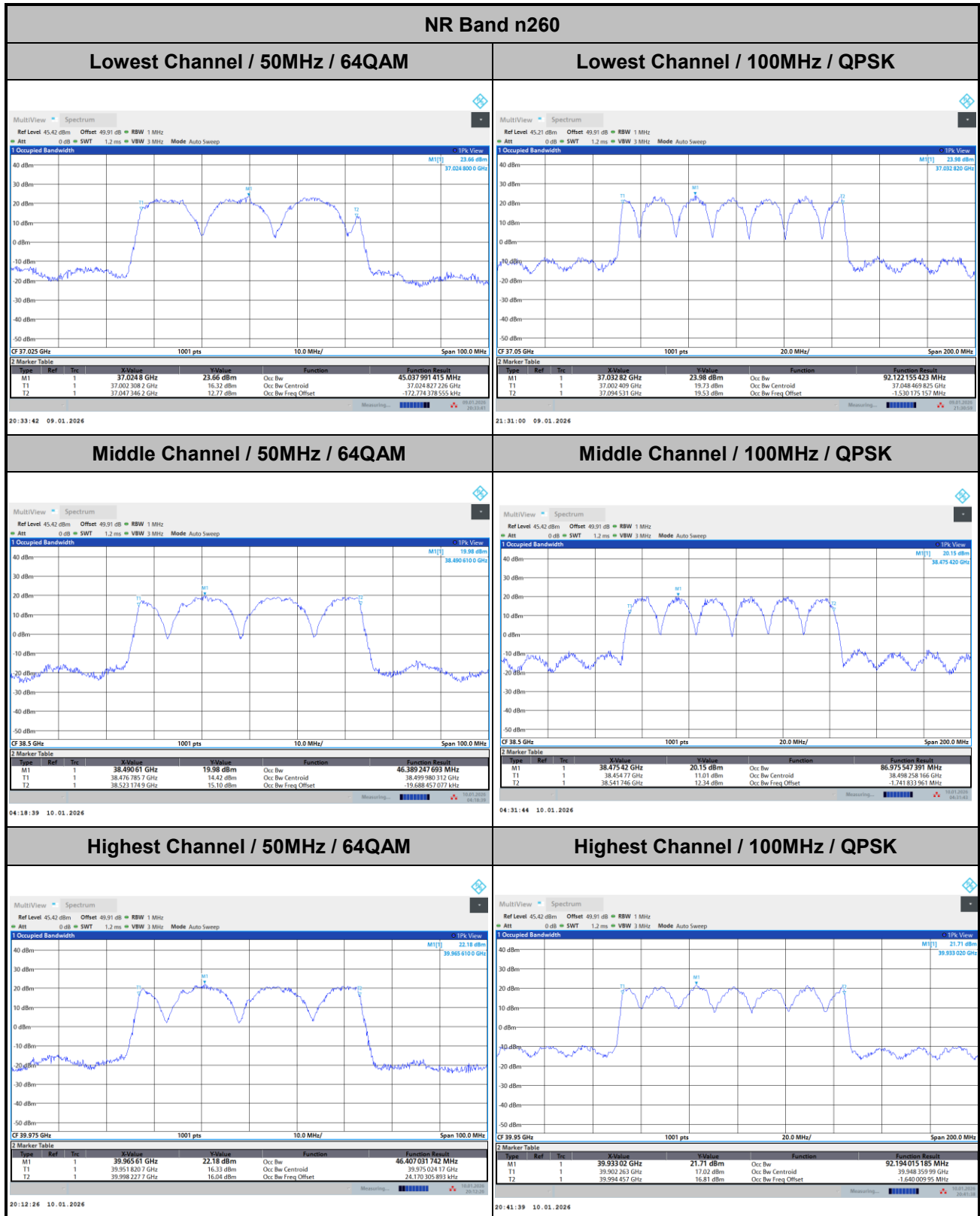


Highest Channel / 50MHz / 16QAM





DFT-s-OFDM

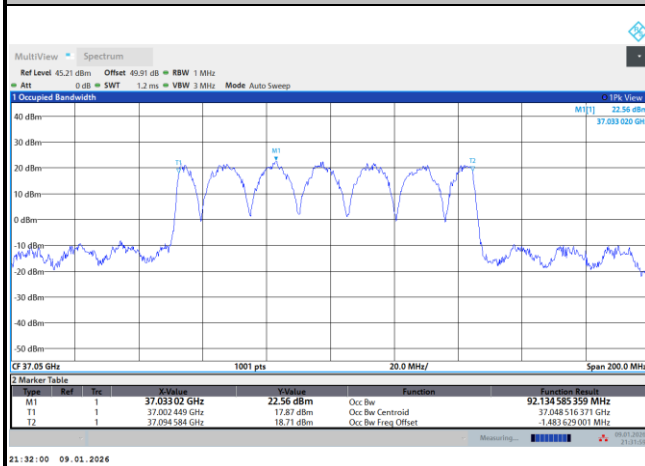




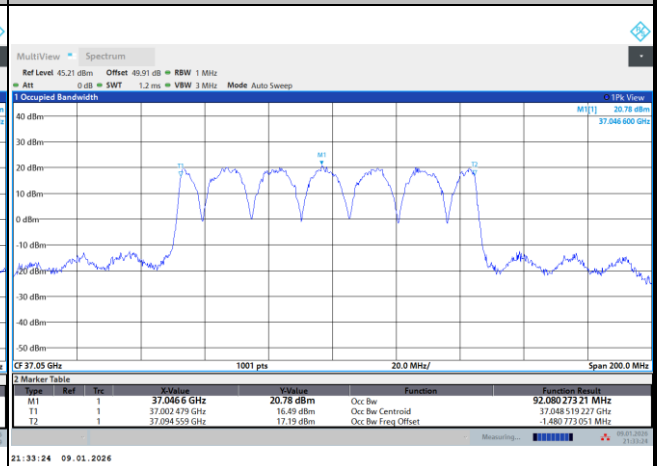
DFT-s-OFDM

NR Band n260

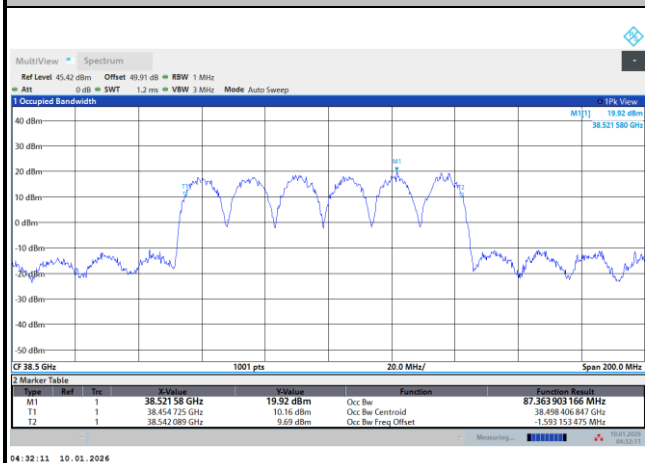
Lowest Channel / 100MHz / 16QAM



Lowest Channel / 100MHz / 64QAM



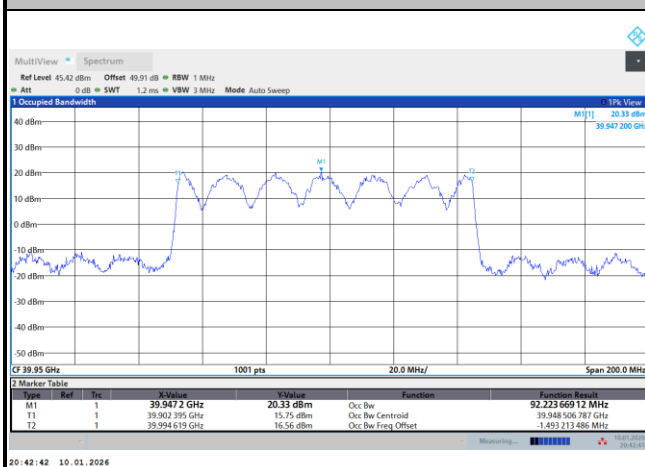
Middle Channel / 100MHz / 16QAM



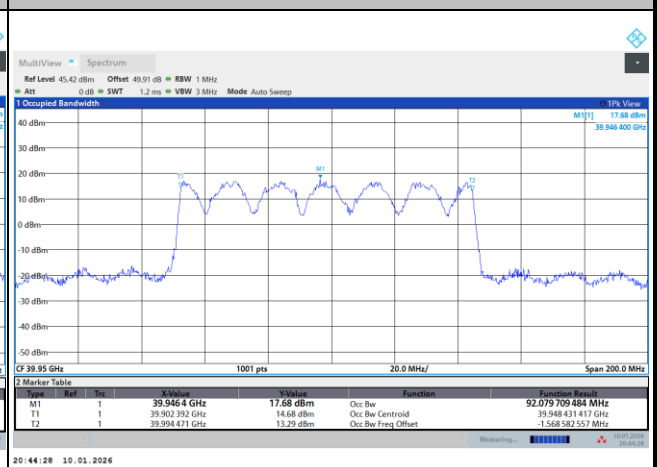
Middle Channel / 100MHz / 64QAM



Highest Channel / 100MHz / 16QAM



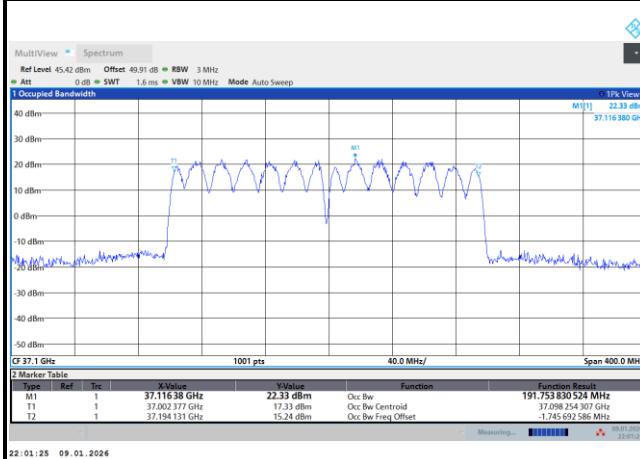
Highest Channel / 100MHz / 64QAM



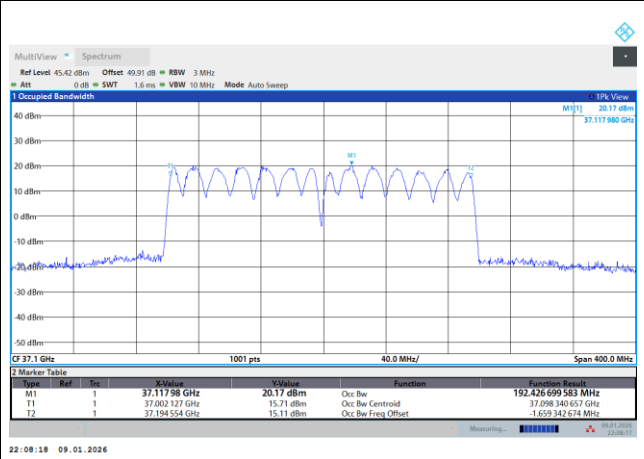
DFT-s-OFDM

NR Band n260

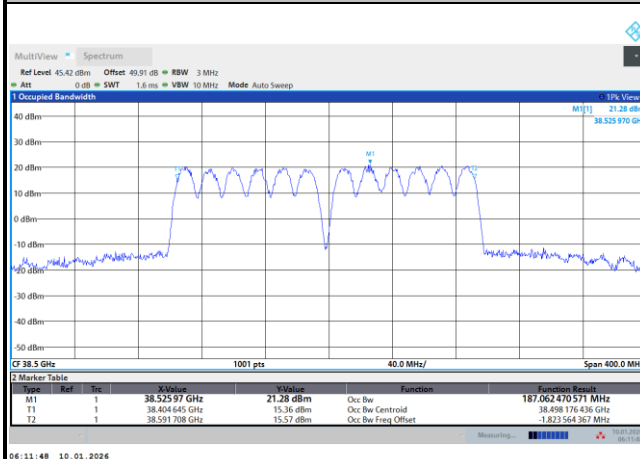
Lowest Channel / 200MHz / QPSK



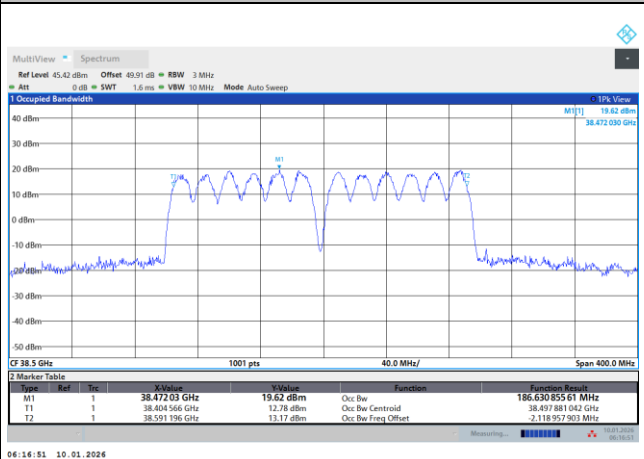
Lowest Channel / 200MHz / 16QAM



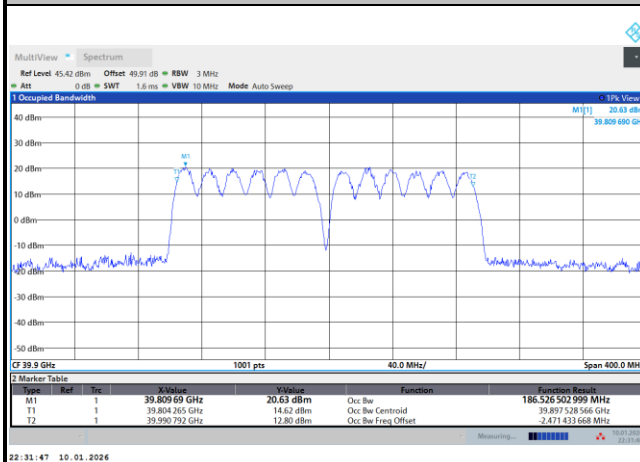
Middle Channel / 200MHz / QPSK



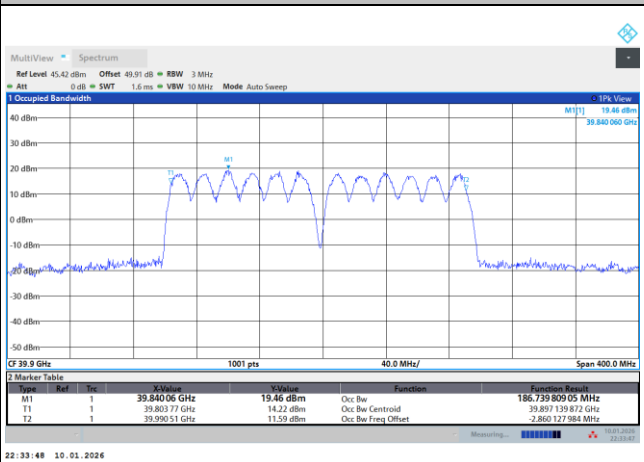
Middle Channel / 200MHz / 16QAM



Highest Channel / 200MHz / QPSK



Highest Channel / 200MHz / 16QAM

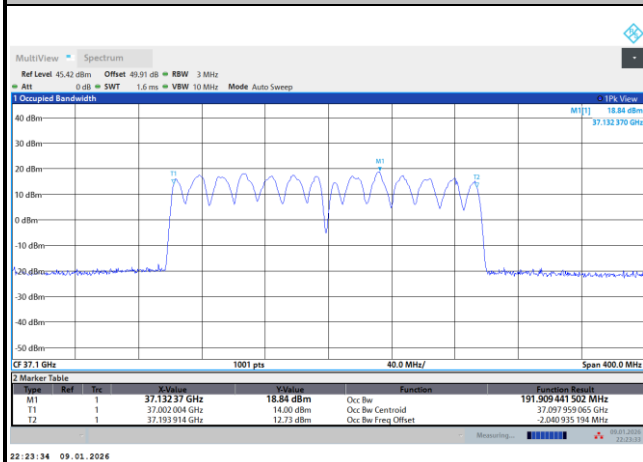




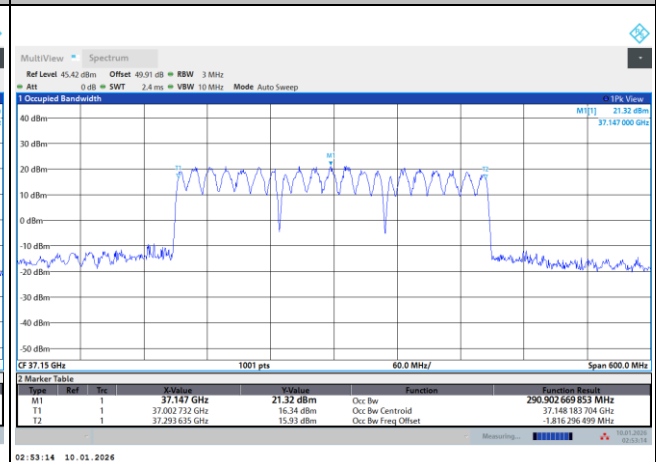
DFT-s-OFDM

NR Band n260

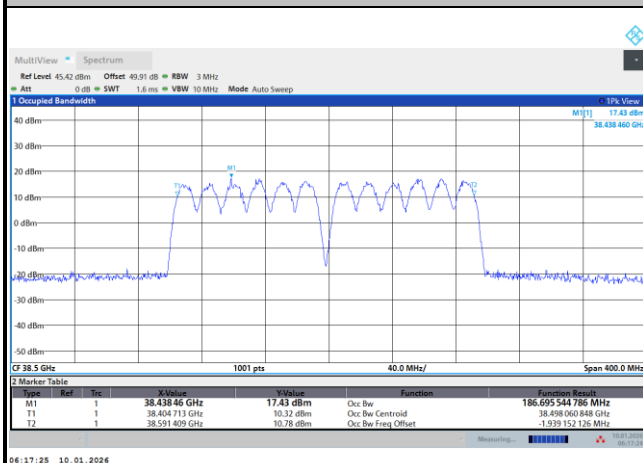
Lowest Channel / 200MHz / 64QAM



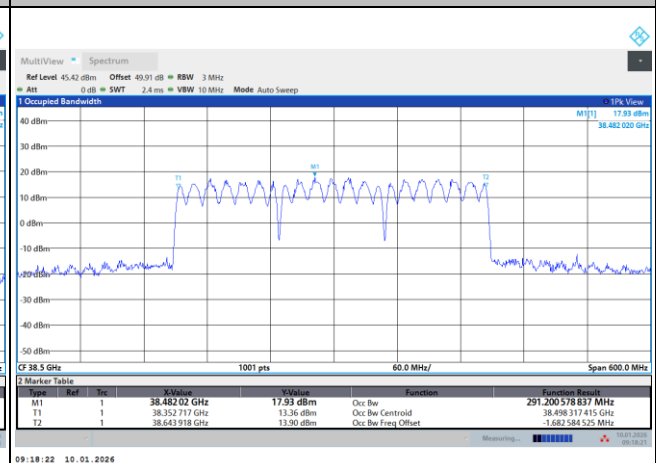
Lowest Channel / 300MHz / QPSK



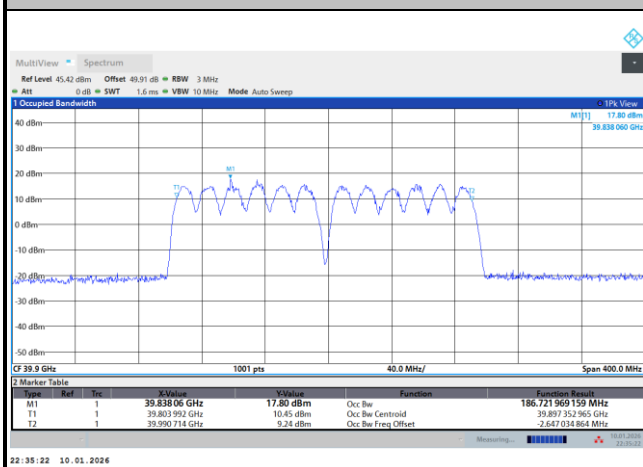
Middle Channel / 200MHz / 64QAM



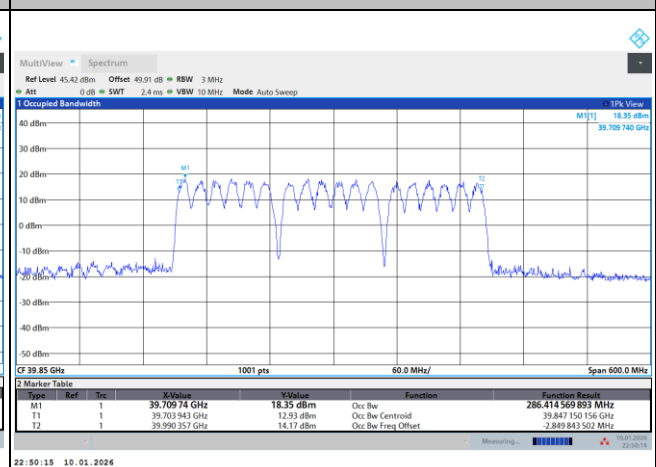
Middle Channel / 300MHz / QPSK



Highest Channel / 200MHz / 64QAM



Highest Channel / 300MHz / QPSK

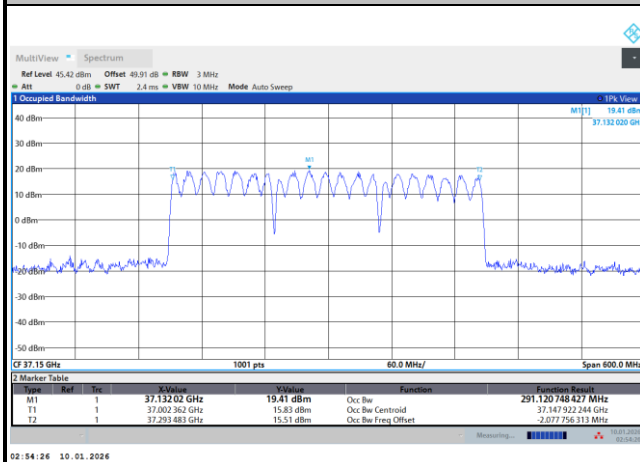




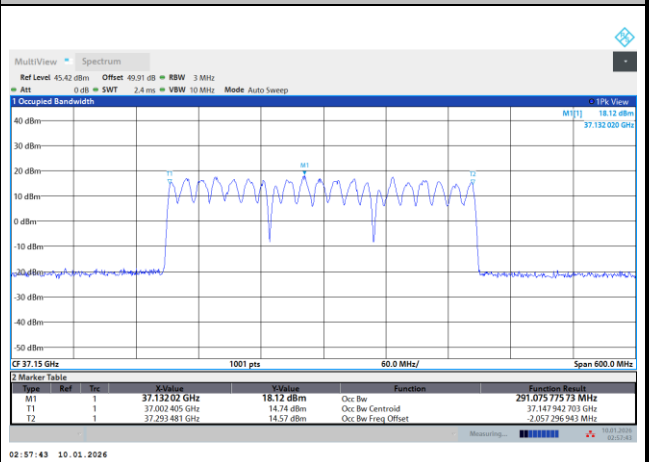
DFT-s-OFDM

NR Band n260

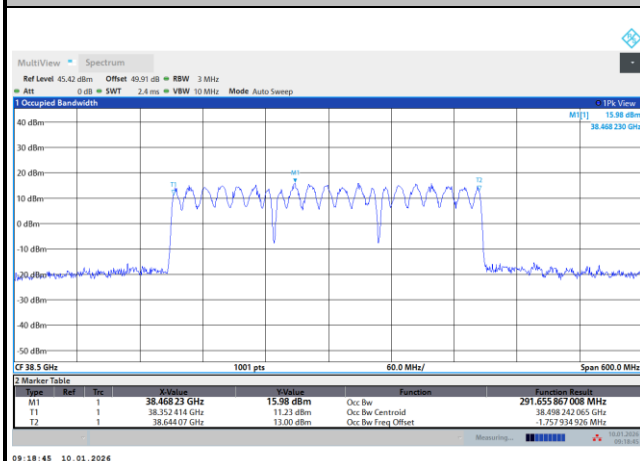
Lowest Channel / 300MHz / 16QAM



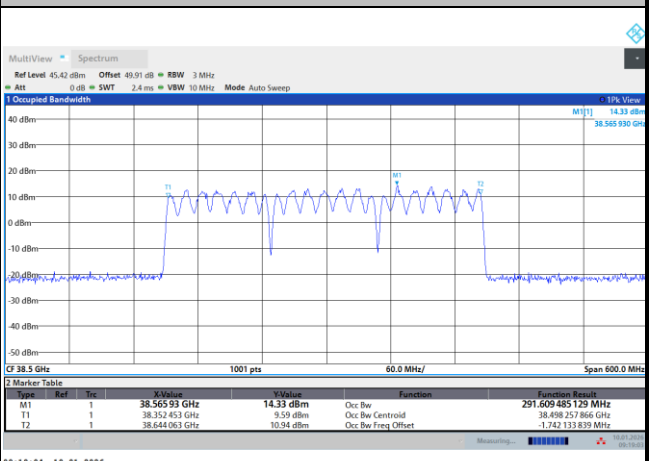
Lowest Channel / 300MHz / 64QAM



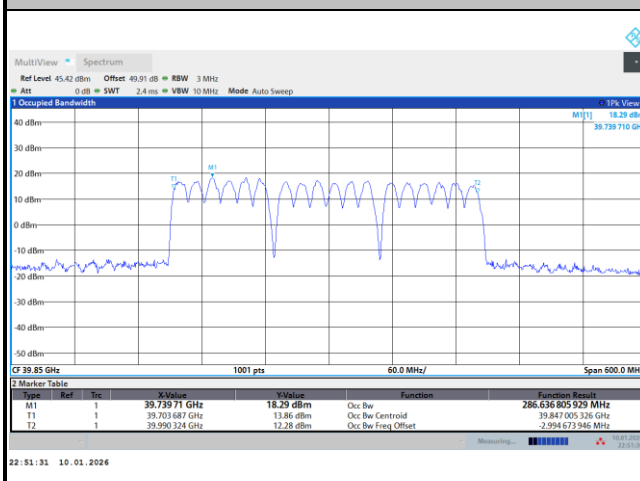
Middle Channel / 300MHz / 16QAM



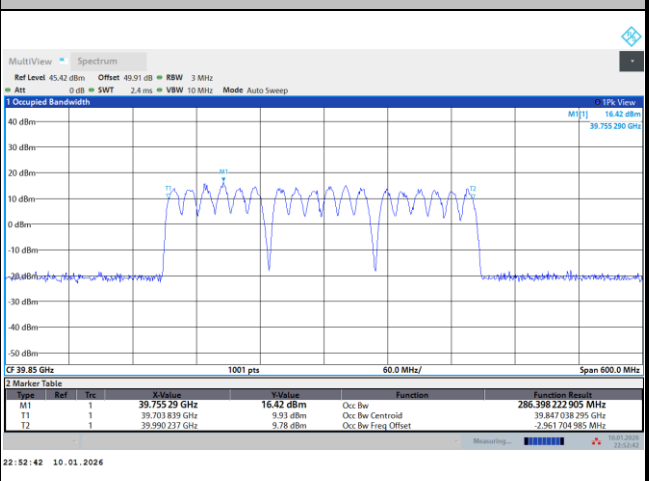
Middle Channel / 300MHz / 64QAM



Highest Channel / 300MHz / 16QAM



Highest Channel / 300MHz / 64QAM

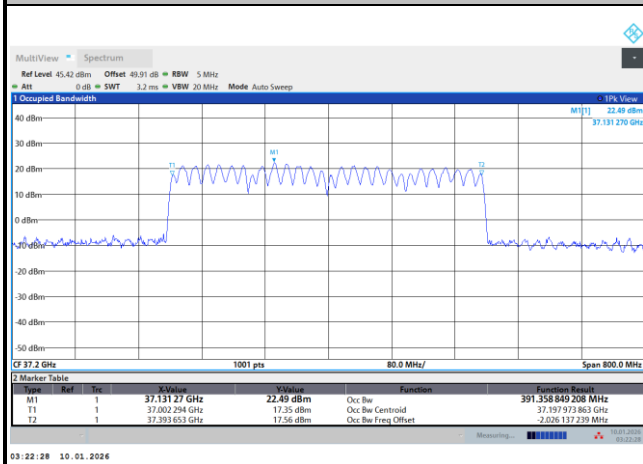




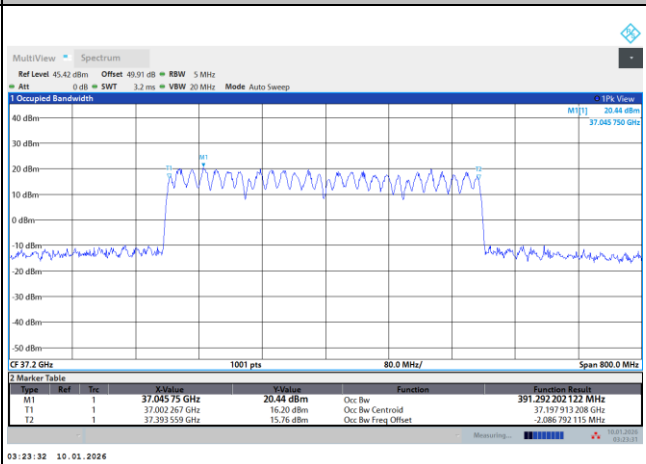
DFT-s-OFDM

NR Band n260

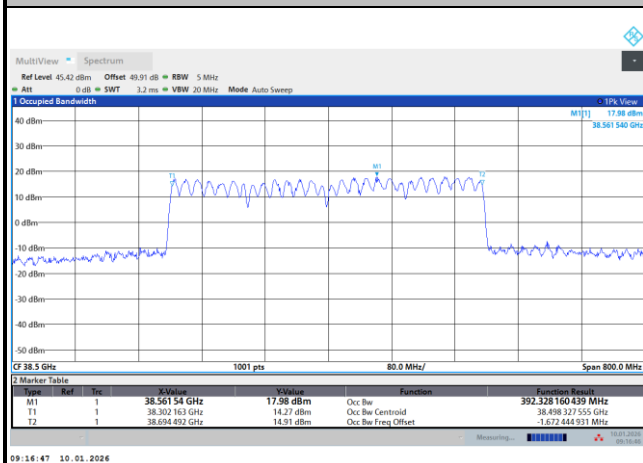
Lowest Channel / 400MHz / QPSK



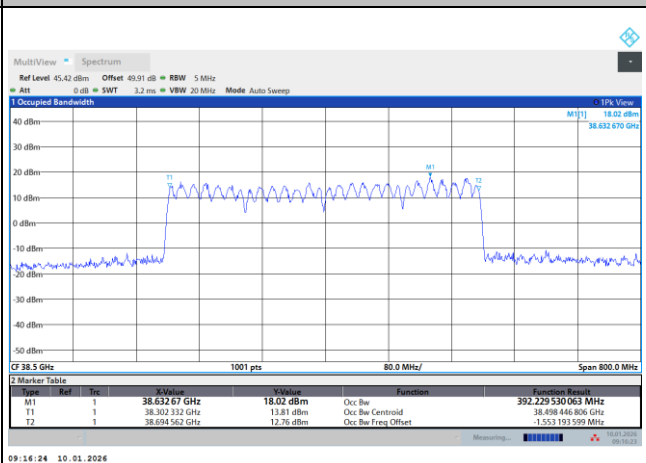
Lowest Channel / 400MHz / 16QAM



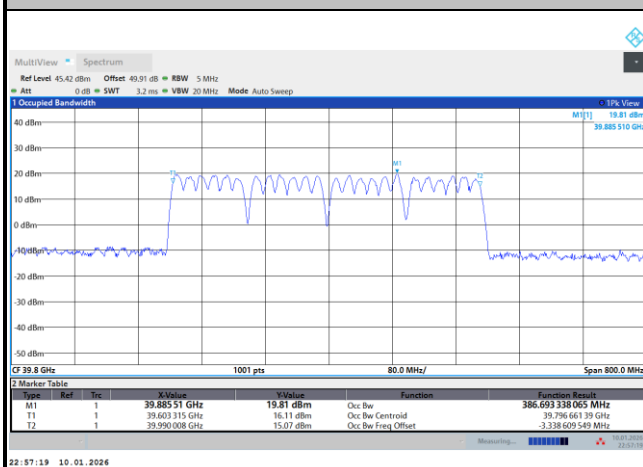
Middle Channel / 400MHz / QPSK



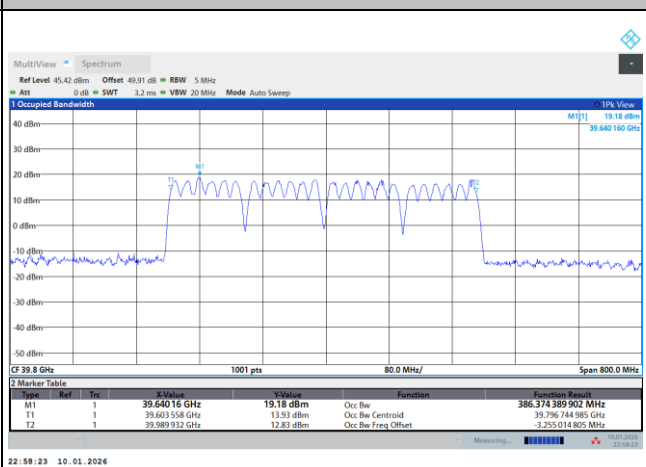
Middle Channel / 400MHz / 16QAM



Highest Channel / 400MHz / QPSK



Highest Channel / 400MHz / 16QAM

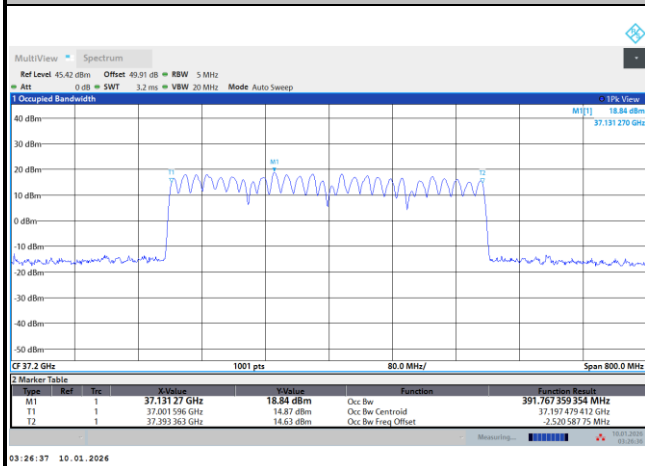




DFT-s-OFDM

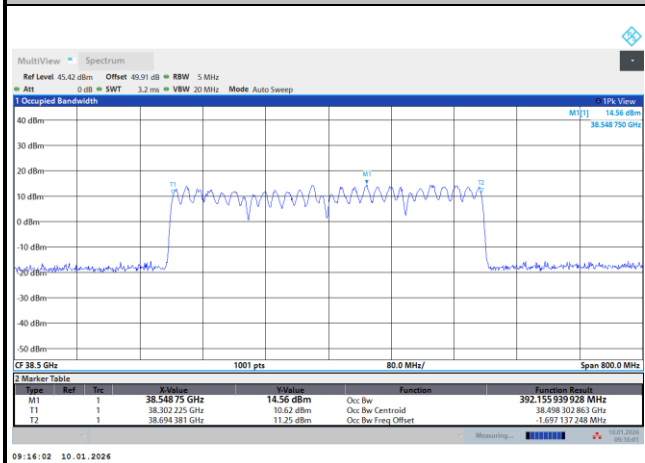
NR Band n260

Lowest Channel / 400MHz / 64QAM



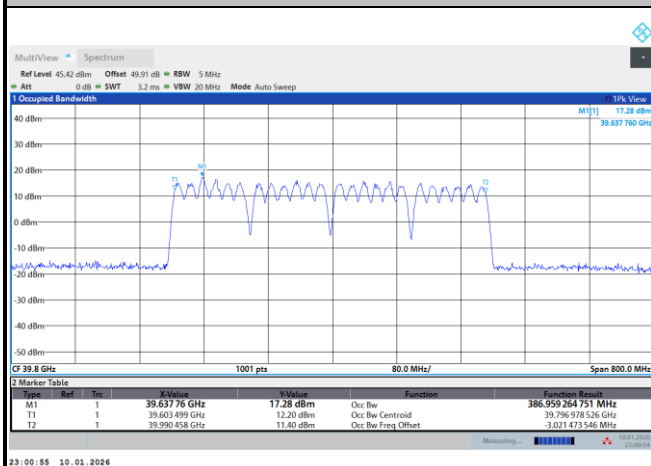
intentionally blank

Middle Channel / 400MHz / 64QAM



intentionally blank

Highest Channel / 400MHz / 64QAM



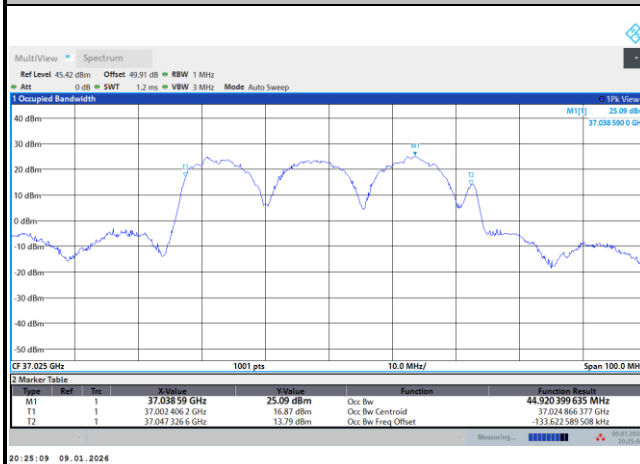
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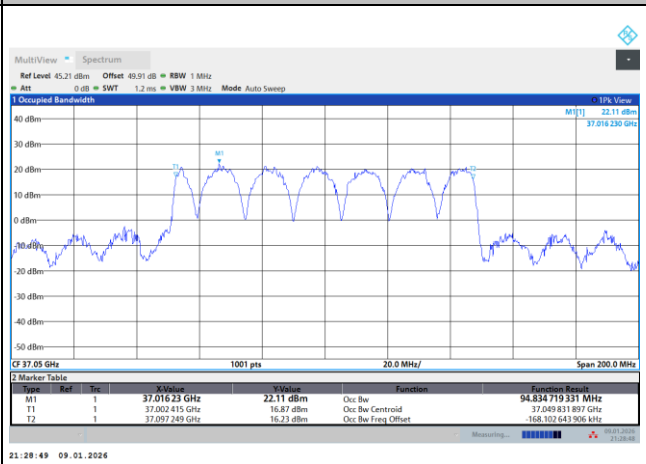
CP-OFDM

NR Band n260

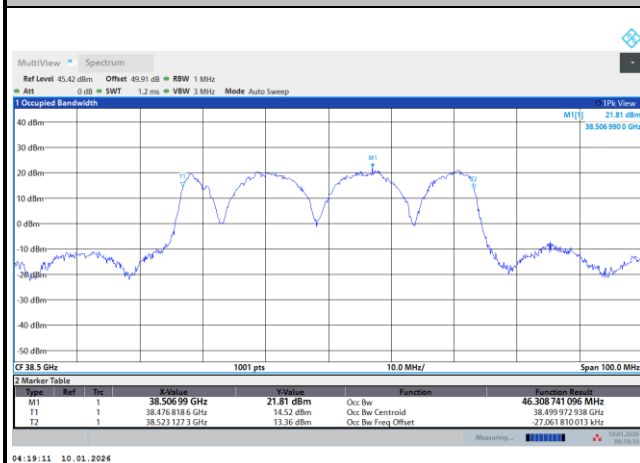
Lowest Channel / 50MHz / QPSK



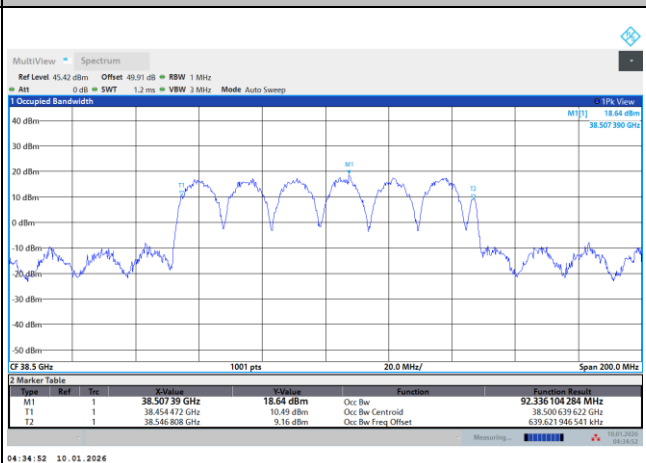
Lowest Channel / 100MHz / QPSK



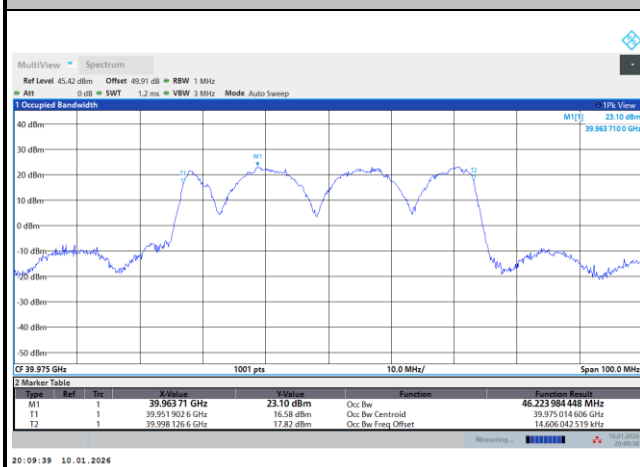
Middle Channel / 50MHz / QPSK



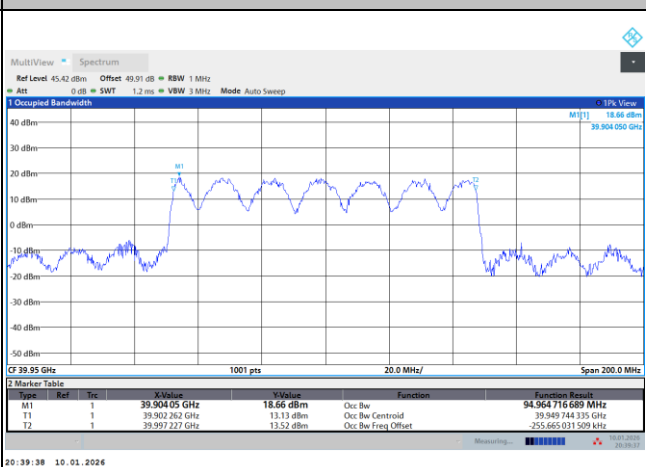
Middle Channel / 100MHz / QPSK



Highest Channel / 50MHz / QPSK



Highest Channel / 100MHz / QPSK

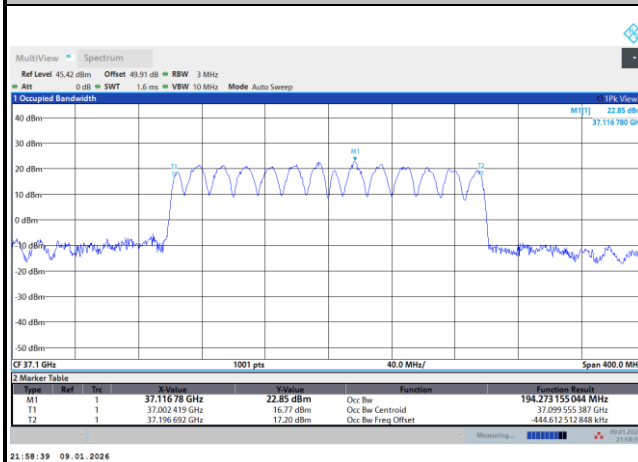




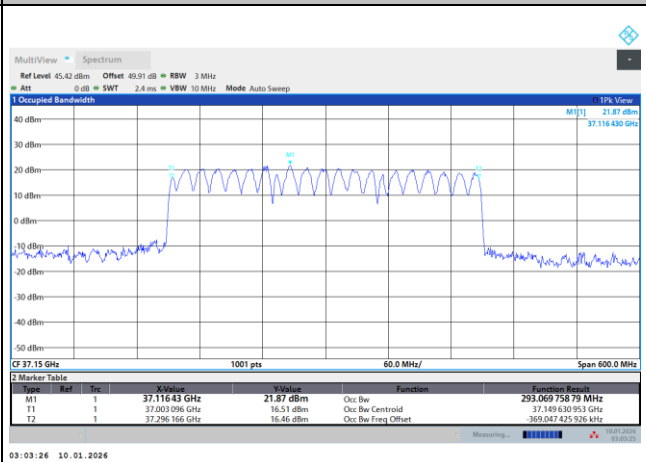
CP-OFDM

NR Band n260

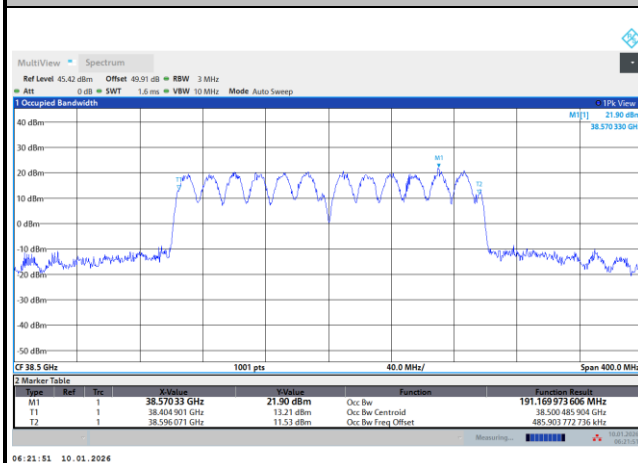
Lowest Channel / 200MHz / QPSK



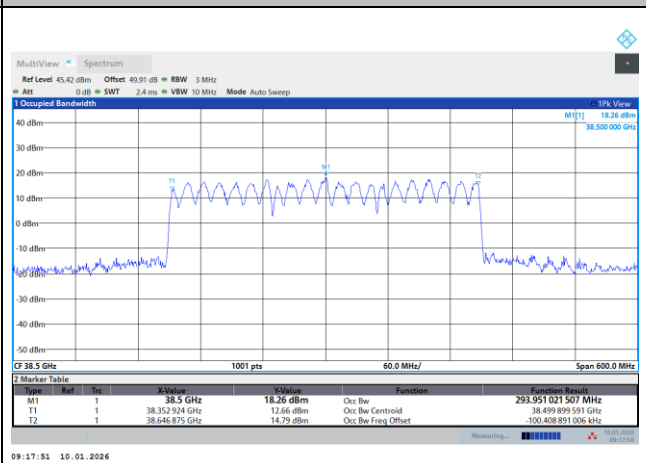
Lowest Channel / 300MHz / QPSK



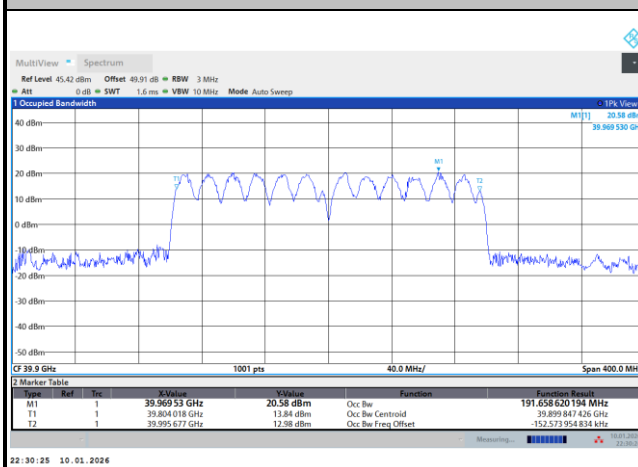
Middle Channel / 200MHz / QPSK



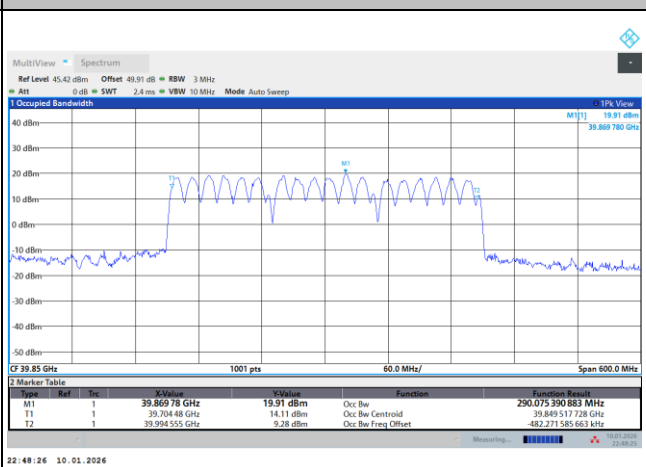
Middle Channel / 300MHz / QPSK



Highest Channel / 200MHz / QPSK



Highest Channel / 300MHz / QPSK





Lowest Channel / 400MHz / QPSK



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	-6.90	-8.32	-8.28	-21.082	-6.81	-10.01	-9.70	-10.53	-13.53
	>10%OB	≤-13	-26.23	-26.26	-27.97	-28.394	-25.48	-27.05	-20.97	-17.06	-26.70
High CH	0~10%OB	≤-5	-9.08	-20.28	-22.31	-15.20	-12.71	-15.41	-21.16	-20.82	-23.50
	>10%OB	≤-13	-23.94	-22.15	-26.40	-23.95	-24.61	-26.44	-17.70	-15.90	-23.44
Result			Compliance								

Mode			DFT-s-OFDM NR Band n260 : BE (dBm) 1 RB					
BW			300MHz			400MHz		
Limit (dBm)			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Low CH	0~10%OB	≤-5	-27.62	-27.08	-14.17	-28.28	-28.01	-14.59
	>10%OB	≤-13	-22.91	-21.70	-19.89	-19.59	-20.04	-15.93
High CH	0~10%OB	≤-5	-24.49	-23.16	-24.89	-29.29	-29.47	-26.68
	>10%OB	≤-13	-21.57	-17.97	-27.55	-19.52	-18.81	-19.16
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	-7.06	-8.59	-12.20
	>10%OB	≤-13	-26.81	-26.46	-16.04
High CH	0~10%OB	≤-5	-9.24	-13.15	-28.300
	>10%OB	≤-13	-24.77	-25.19	-21.270
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	-34.01	-28.479
	>10%OB	≤-13	-15.90	-19.749
High CH	0~10%OB	≤-5	-21.07	-29.377
	>10%OB	≤-13	-14.32	-19.315
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	-21.14	-19.22	-22.53	-16.22	-18.47	-21.21	-24.60	-28.13	-30.42
	>10%OB	≤-13	-21.56	-16.46	-22.27	-16.88	-19.06	-23.23	-27.64	-30.27	-34.17
High CH	0~10%OB	≤-5	-18.05	-20.28	-22.31	-19.69	-22.11	-26.71	-28.61	-30.06	-33.09
	>10%OB	≤-13	-18.45	-22.15	-26.40	-18.28	-22.08	-26.79	-29.16	-30.52	-33.60
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	-26.44	-28.98	-31.75	-25.30	-27.83	-30.80
	>10%OB	≤-13	-26.35	-29.74	-34.14	-24.22	-27.71	-32.45
High CH	0~10%OB	≤-5	-29.42	-30.35	-33.25	-26.54	-29.01	-32.72
	>10%OB	≤-13	-29.90	-30.78	-33.60	-26.74	-28.23	-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	-16.47	-15.28	-23.16
	>10%OB	≤-13	-14.70	-16.11	-26.21
High CH	0~10%OB	≤-5	-20.04	-19.87	-26.88
	>10%OB	≤-13	-20.38	-19.86	-28.07
Result			Compliance		

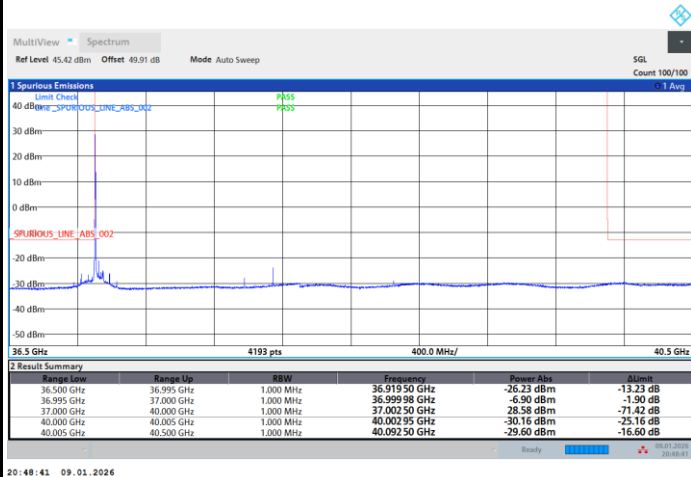
Mode			CP-OFDM NR Band n260 : BE (dBm) Full RB	
BW			300MHz	400MHz
Limit (dBm)			QPSK	QPSK
Low CH	0~10%OB	≤-5	-24.06	24.06
	>10%OB	≤-13	-23.67	23.67
High CH	0~10%OB	≤-5	-28.26	-27.71
	>10%OB	≤-13	-29.62	-27.68
Result			Compliance	



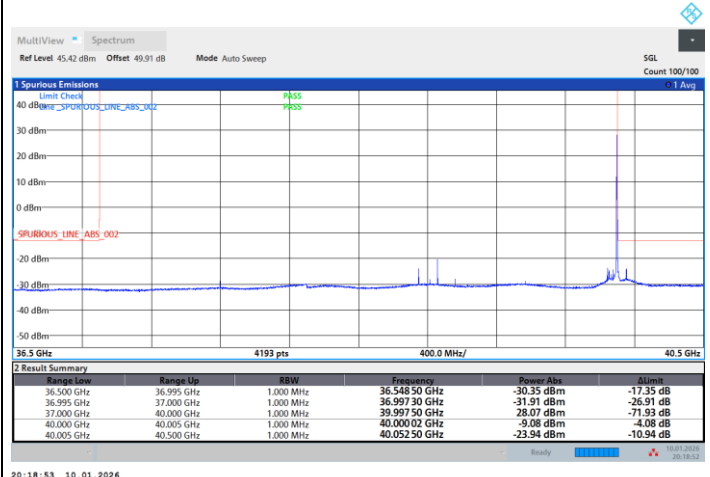
DFT-s-OFDM

NR Band n260 / 50MHz / QPSK

Lowest Band Edge / 1 RB

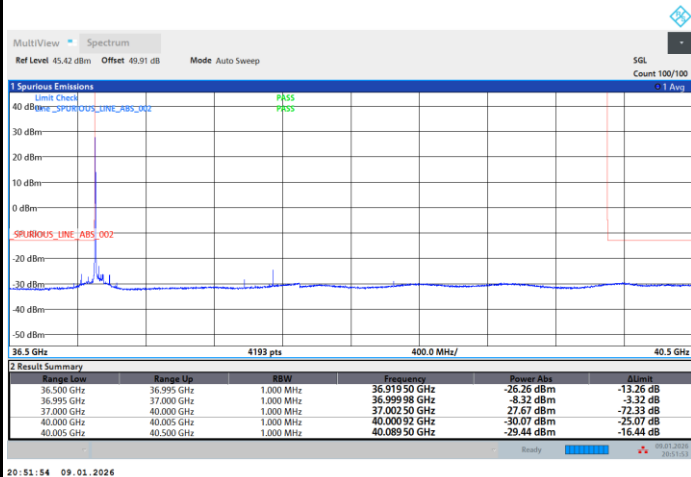


Highest Band Edge / 1 RB

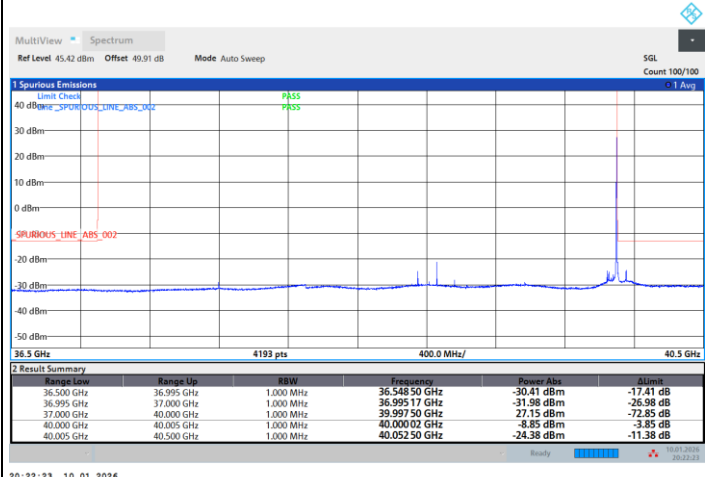


NR Band n260 / 50MHz / 16QAM

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB

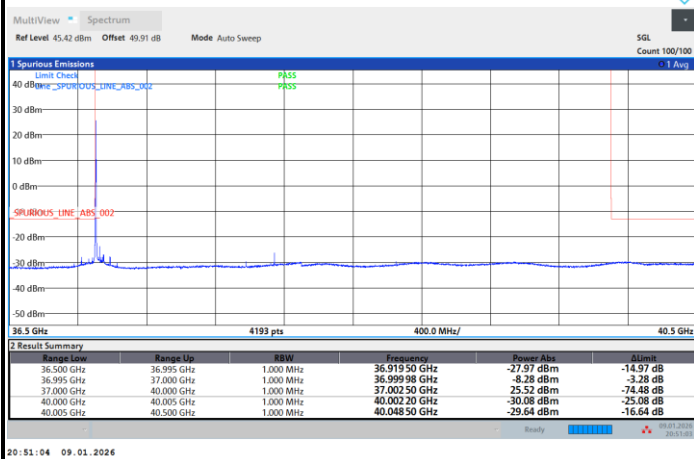




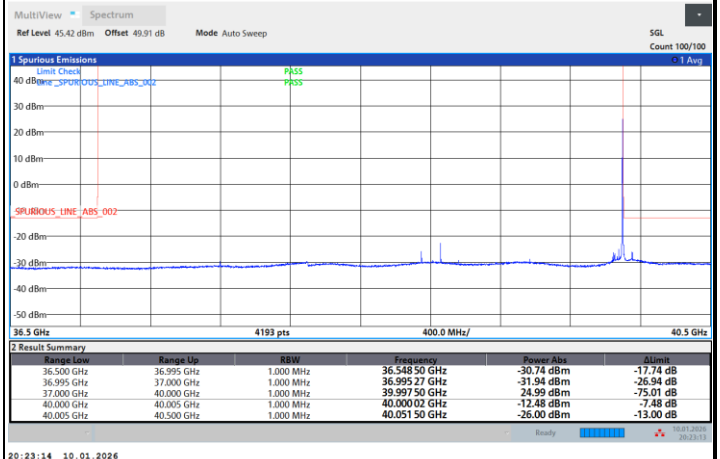
DFT-s-OFDM

NR Band n260 / 50MHz / 64QAM

Lowest Band Edge / 1 RB

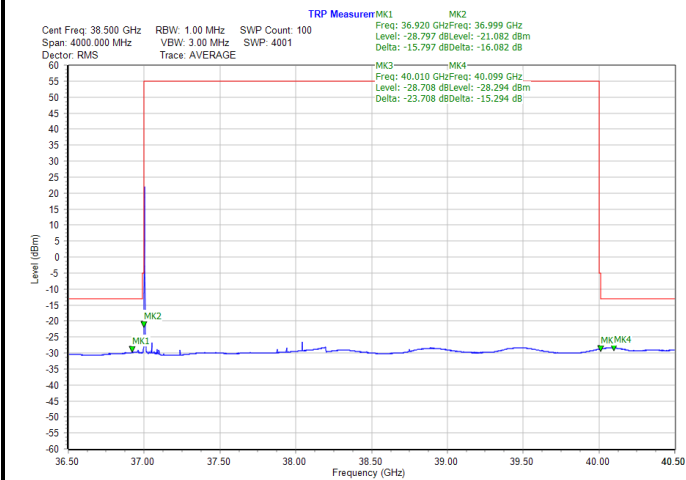


Highest Band Edge / 1 RB



NR Band n260 / 100MHz / QPSK

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB

