

Radiated Out of Band Emissions

Mode			DFT-s-OFDM Module 1 NR Band n258B : 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	-10.556	-11.600	-13.031	-13.130	-12.865	-13.145	-18.805	-20.356	-18.252
	>10%OB	≤ -13	-32.284	-32.167	-32.280	-34.761	-34.849	-34.731	-25.015	-23.278	-22.620
High CH	0~10%OB	≤ -5	-14.578	-14.480	-13.145	-12.718	-13.833	-13.145	-20.575	-19.209	-20.914
	>10%OB	≤ -13	-30.409	-30.530	-30.371	-30.845	-30.676	-30.060	-24.312	-22.802	-23.330
Result			Compliance								

Mode			DFT-s-OFDM Module 1 NR Band n258B : BE (dBm) 1 RB					
BW			300MHz			400MHz		
Limit (dBm)			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Low CH	0~10%OB	≤ -5	-20.960	-20.046	-24.410	-21.243	-21.763	-22.607
	>10%OB	≤ -13	-22.147	-21.188	-21.201	-19.861	-18.821	-20.499
High CH	0~10%OB	≤ -5	-22.890	-22.404	-20.476	-22.490	-24.048	-21.651
	>10%OB	≤ -13	-21.890	-21.002	-20.654	-21.050	-20.780	-21.696
Result			Compliance					

Mode			CP-OFDM Module 1 NR Band n258B : BE (dBm) 1 RB		
BW			50MHz	100MHz	200MHz
Limit (dBm)			QPSK	QPSK	QPSK
Low CH	0~10%OB	≤ -5	-10.778	-12.812	-19.480
	>10%OB	≤ -13	-31.953	-34.578	-22.602
High CH	0~10%OB	≤ -5	-13.463	-13.199	-21.627
	>10%OB	≤ -13	-30.590	-30.860	-22.132
Result			Compliance		

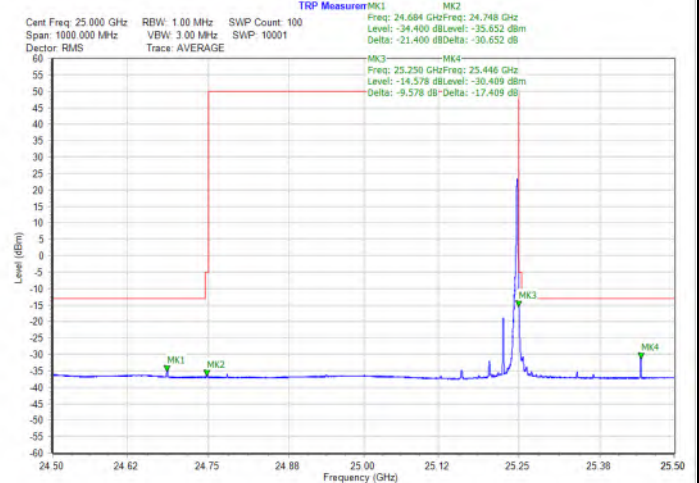
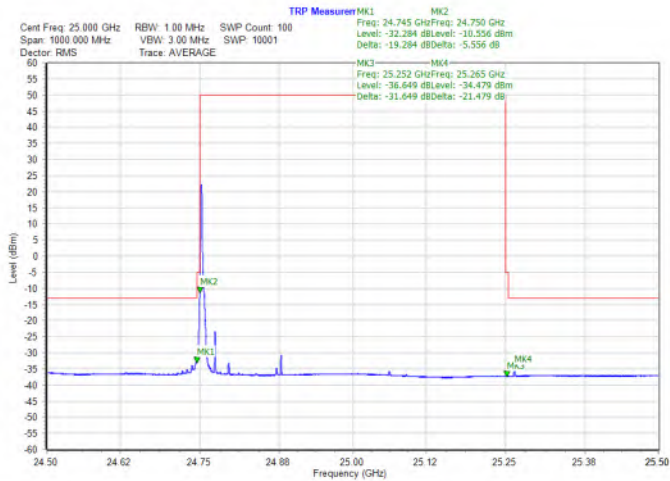
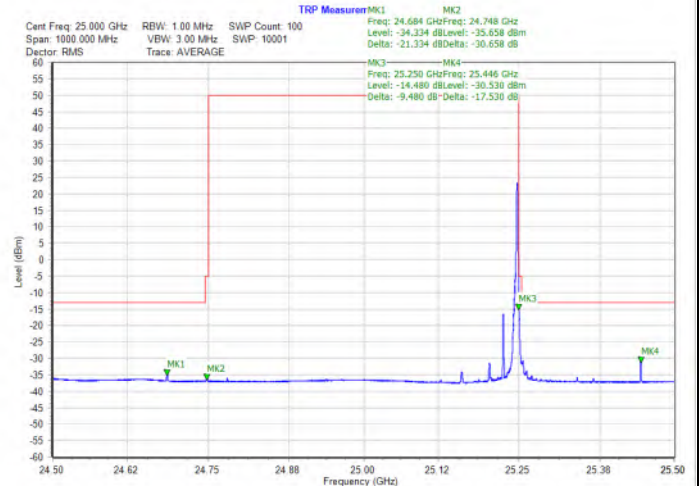
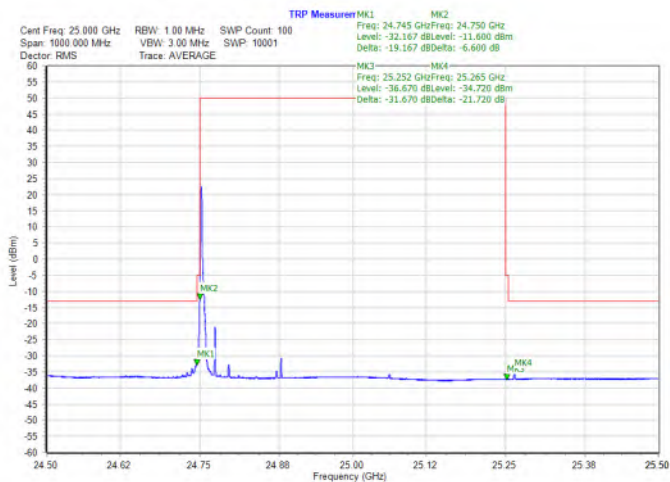
Mode			CP-OFDM Module 1 NR Band n258B : BE (dBm) 1 RB	
BW			300MHz	400MHz
Limit (dBm)			QPSK	QPSK
Low CH	0~10%OB	≤ -5	-21.492	-21.432
	>10%OB	≤ -13	-20.462	-18.790
High CH	0~10%OB	≤ -5	-22.579	-22.816
	>10%OB	≤ -13	-18.804	-18.836
Result			Compliance	

Mode			DFT-s-OFDM Module 1 NR Band n258B : 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	-17.850	-17.924	-19.561	-16.656	-19.222	-21.732	-22.541	-24.477	-14.34
	>10%OB	≤-13	-20.165	-19.609	-20.979	-18.114	-20.932	-24.852	-22.679	-24.870	-15.12
High CH	0~10%OB	≤-5	-18.926	-18.845	-21.269	-18.301	-21.517	-24.519	-24.290	-13.70	-16.88
	>10%OB	≤-13	-20.940	-20.542	-22.422	-19.254	-22.055	-25.397	-24.267	-14.05	-17.29
Result			Compliance								

Mode			DFT-s-OFDM Module 1 NR Band n258B : BE (dBm) Full RB					
BW			300MHz			400MHz		
Limit (dBm)			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Low CH	0~10%OB	≤-5	-22.852	-25.693	-15.02	-23.237	-25.558	-15.35
	>10%OB	≤-13	-22.705	-25.766	-15.73	-22.386	-24.989	-15.75
High CH	0~10%OB	≤-5	-23.113	-25.262	-16.65	-22.664	-25.484	-16.52
	>10%OB	≤-13	-22.486	-25.495	-16.86	-21.987	-25.261	-16.63
Result			Compliance					

Mode			CP-OFDM Module 1 NR Band n258B : BE (dBm) Full RB		
BW			50MHz	100MHz	200MHz
Limit (dBm)			QPSK	QPSK	QPSK
Low CH	0~10%OB	≤-5	-13.825	-17.895	-23.599
	>10%OB	≤-13	-15.188	-18.898	-23.461
High CH	0~10%OB	≤-5	-16.075	-16.987	-24.318
	>10%OB	≤-13	-16.975	-18.588	-25.649
Result			Compliance		

Mode			CP-OFDM Module 1 NR Band n258B : BE (dBm) Full RB	
BW			300MHz	400MHz
Limit (dBm)			QPSK	QPSK
Low CH	0~10%OB	≤-5	-24.846	-25.284
	>10%OB	≤-13	-25.035	-25.313
High CH	0~10%OB	≤-5	-10.04	-12.98
	>10%OB	≤-13	-13.18	-13.05
Result			Compliance	

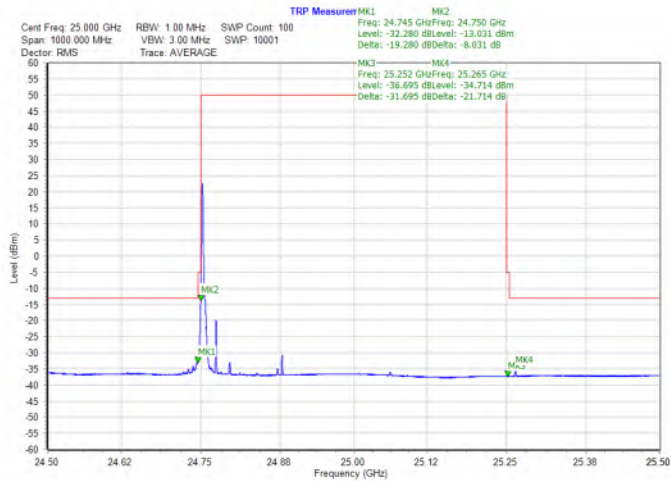
DFT-s-OFDM Module 1
NR Band n258B / 50MHz / QPSK
Lowest Band Edge / 1 RB
Highest Band Edge / 1 RB

NR Band n258B / 50MHz / 16QAM
Lowest Band Edge / 1 RB
Highest Band Edge / 1 RB




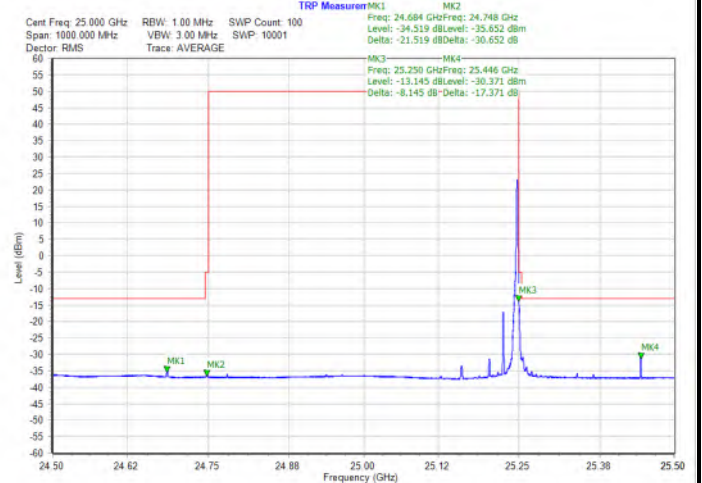
DFT-s-OFDM Module 1

NR Band n258B / 50MHz / 64QAM

Lowest Band Edge / 1 RB

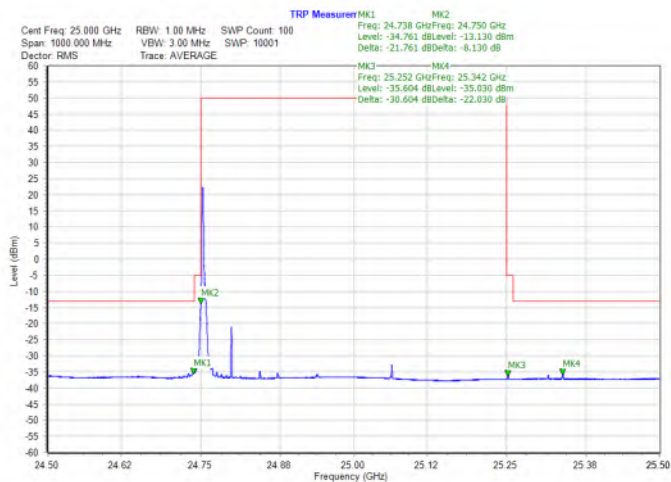


Highest Band Edge / 1 RB

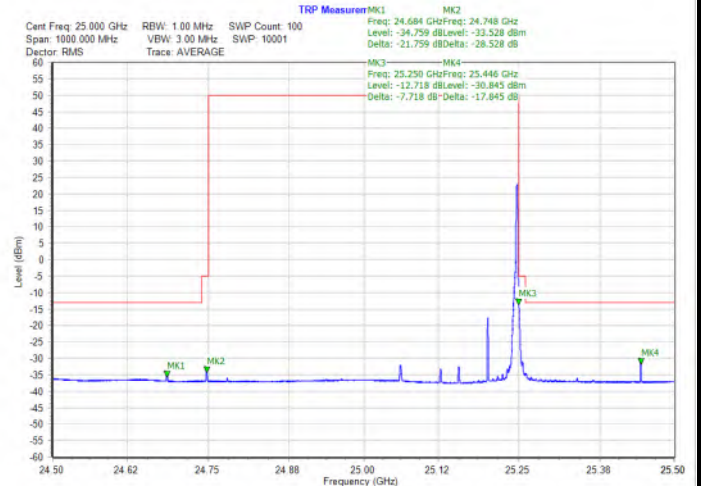


NR Band n258B / 100MHz / QPSK

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB

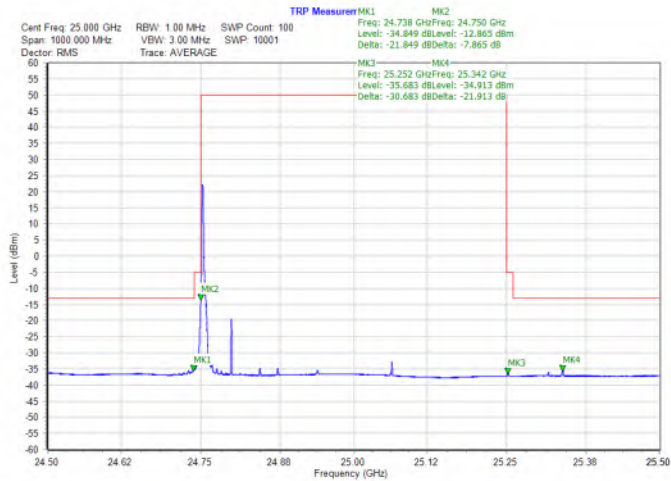




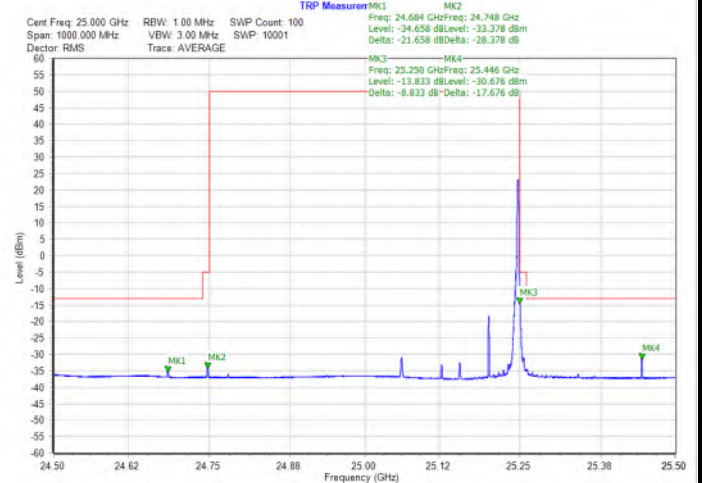
DFT-s-OFDM Module 1

NR Band n258B / 100MHz / 16QAM

Lowest Band Edge / 1 RB

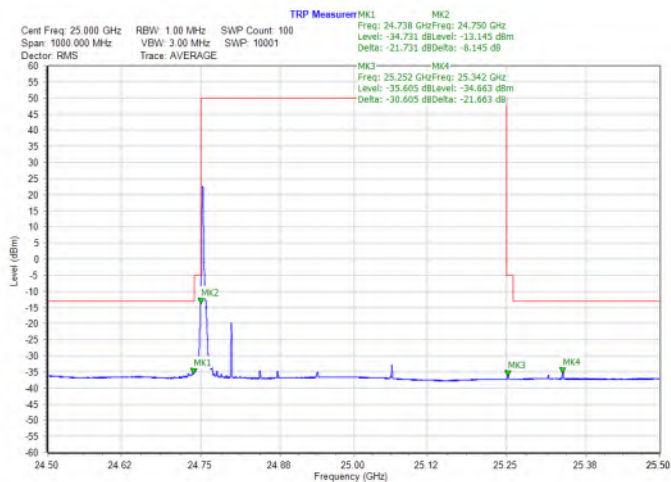


Highest Band Edge / 1 RB

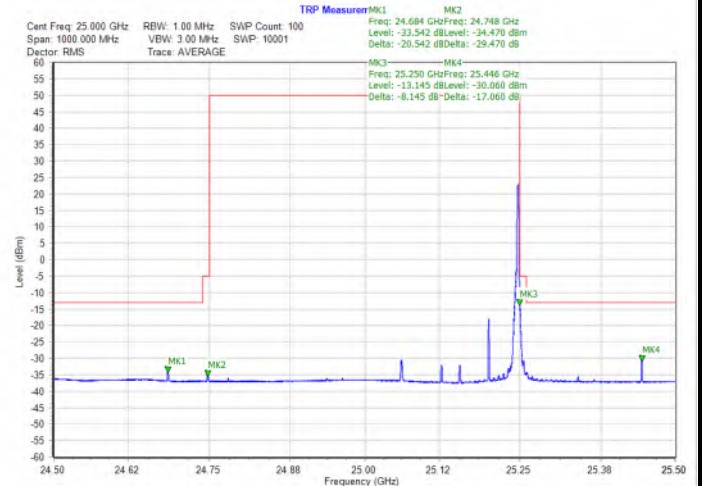


NR Band n258B / 100MHz / 64QAM

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB

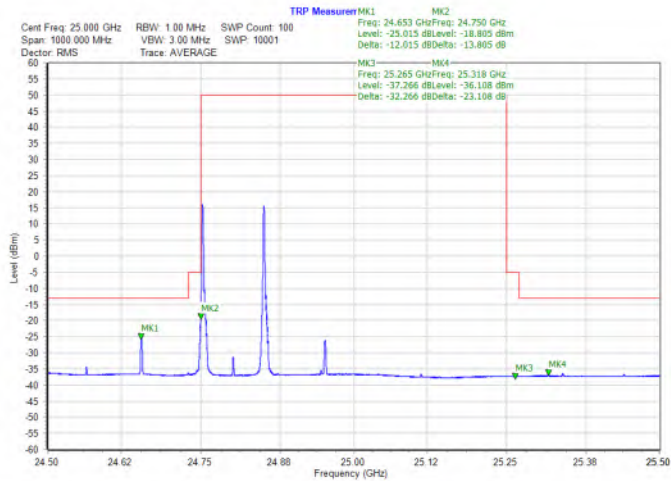




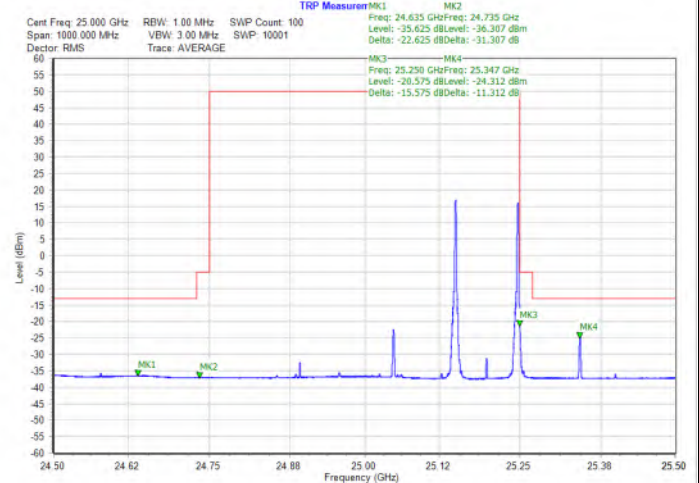
DFT-s-OFDM Module 1

NR Band n258B / 200MHz / QPSK

Lowest Band Edge / 1 RB

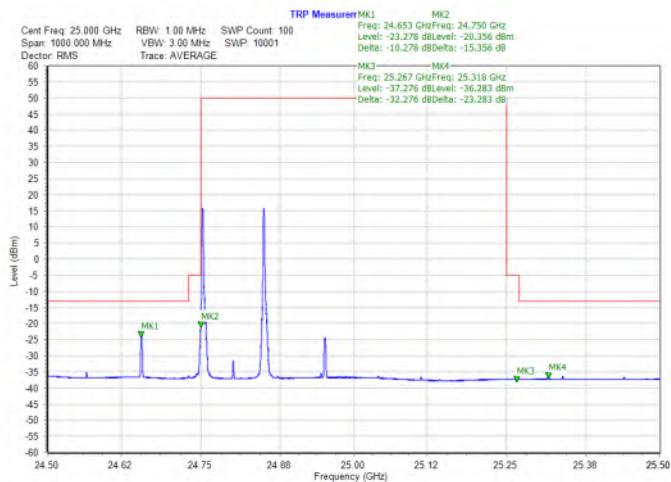


Highest Band Edge / 1 RB

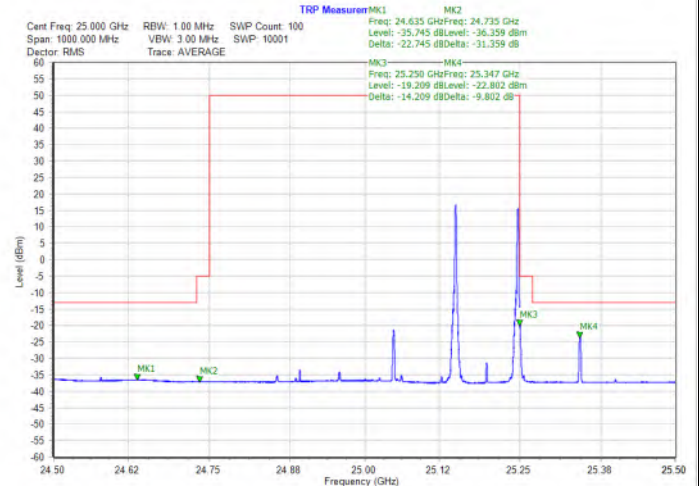


NR Band n258B / 200MHz / 16QAM

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB

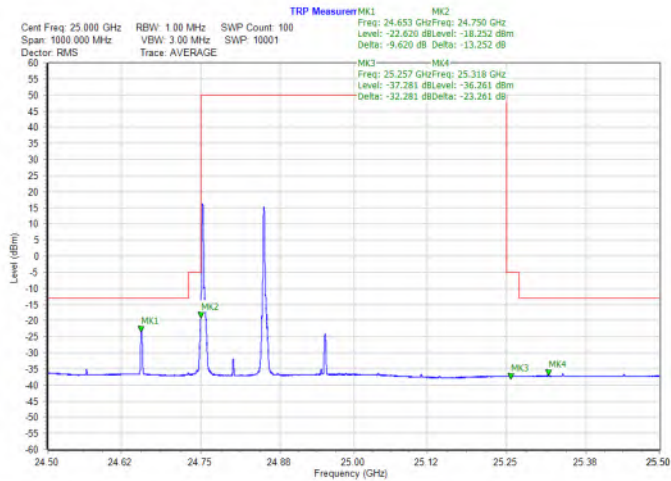




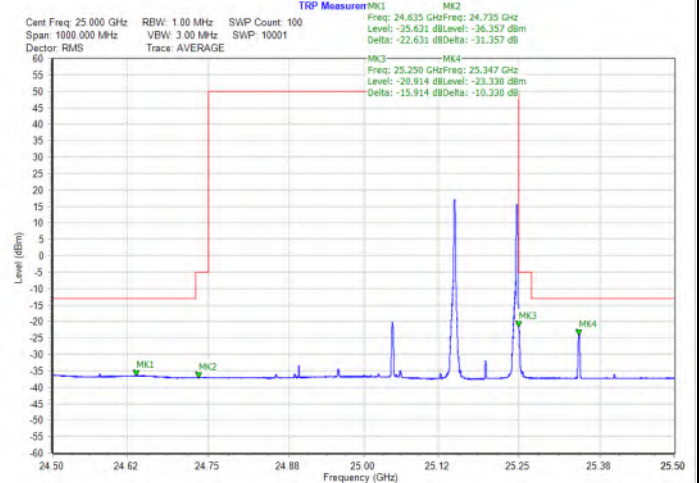
DFT-s-OFDM Module 1

NR Band n258B / 200MHz / 64QAM

Lowest Band Edge / 1 RB

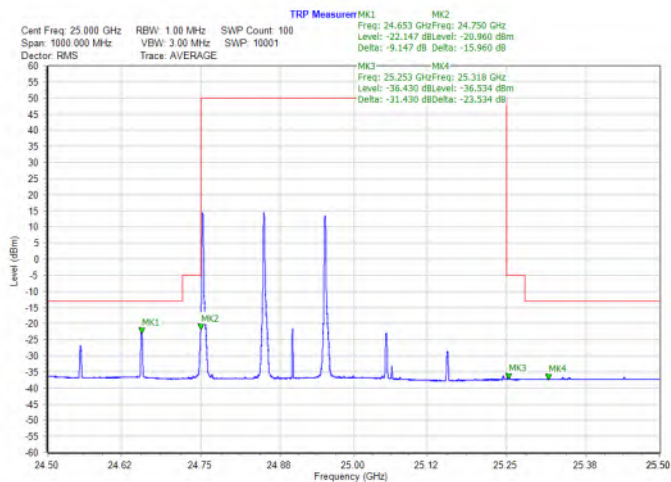


Highest Band Edge / 1 RB

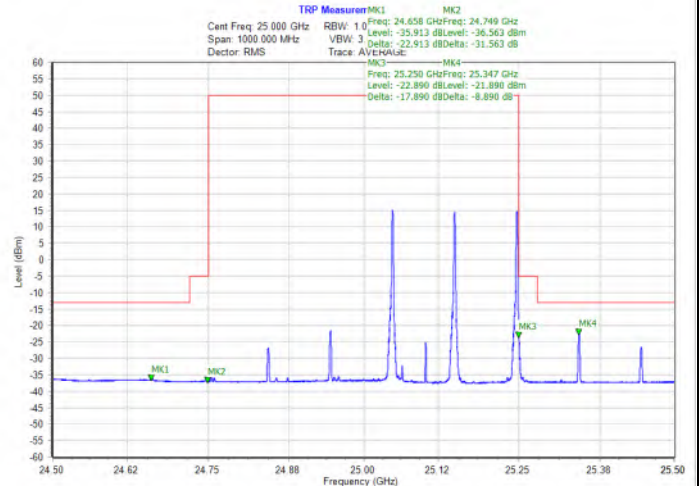


NR Band n258B / 300MHz / QPSK

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB

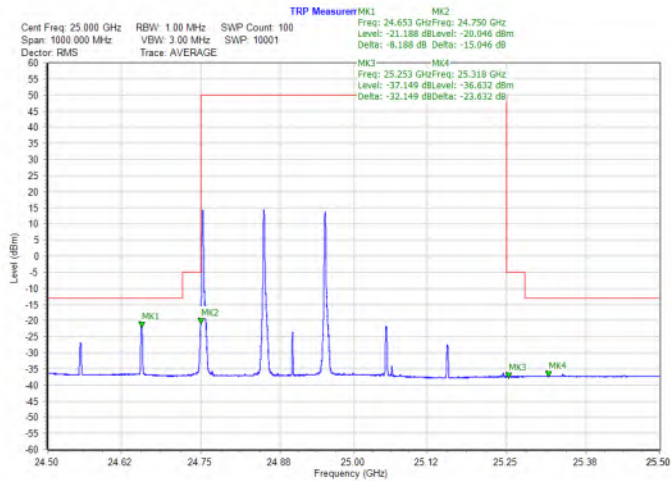




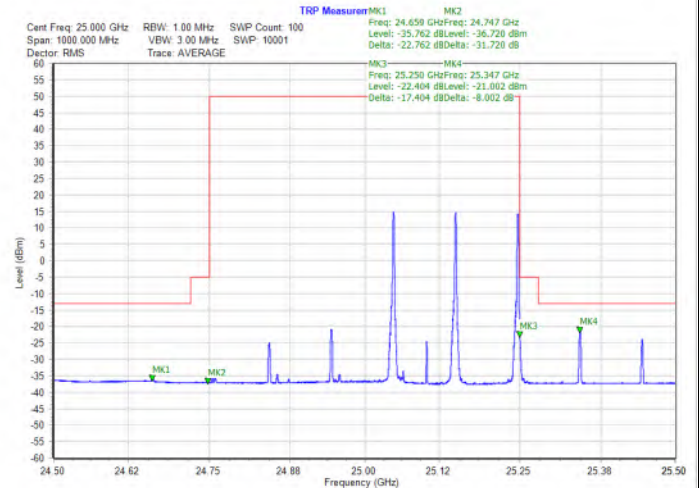
DFT-s-OFDM Module 1

NR Band n258B / 300MHz / 16QAM

Lowest Band Edge / 1 RB

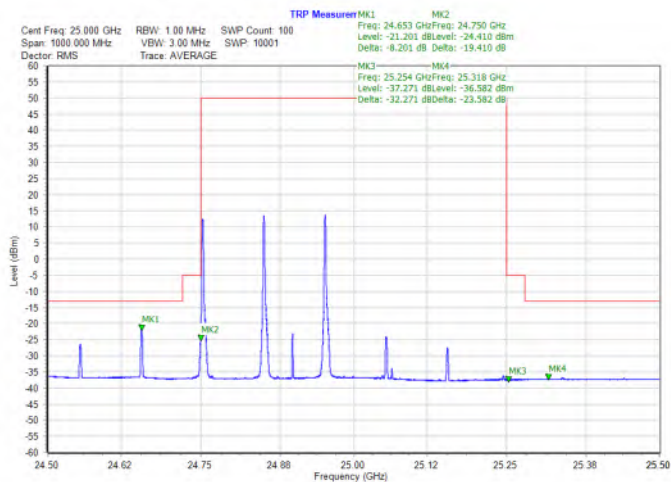


Highest Band Edge / 1 RB

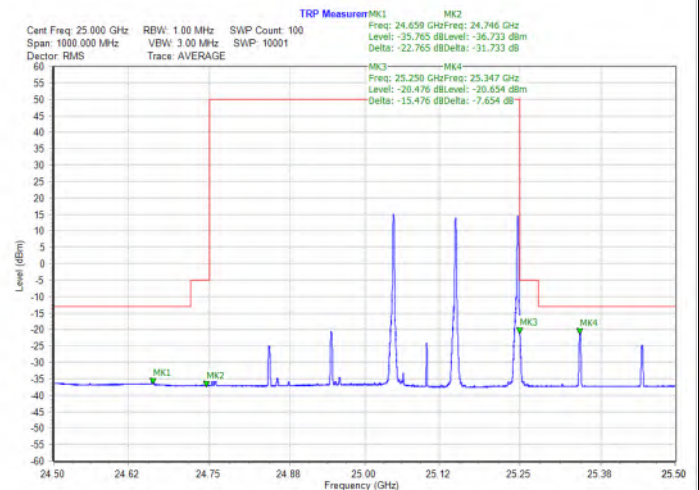


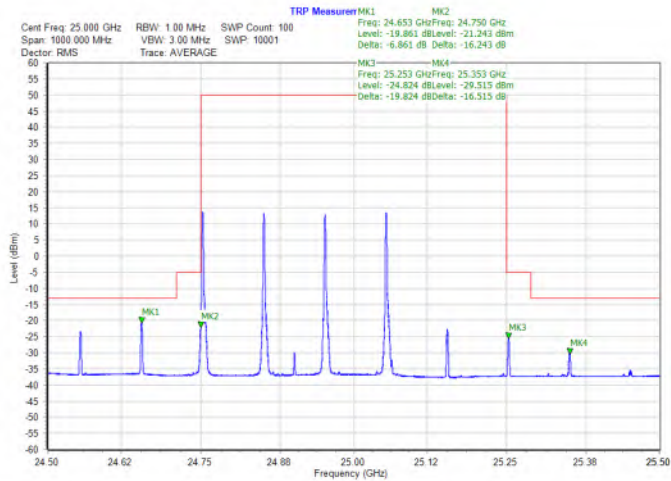
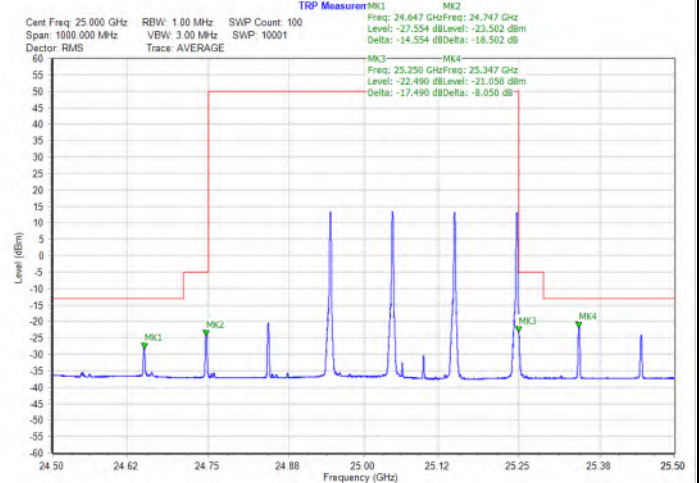
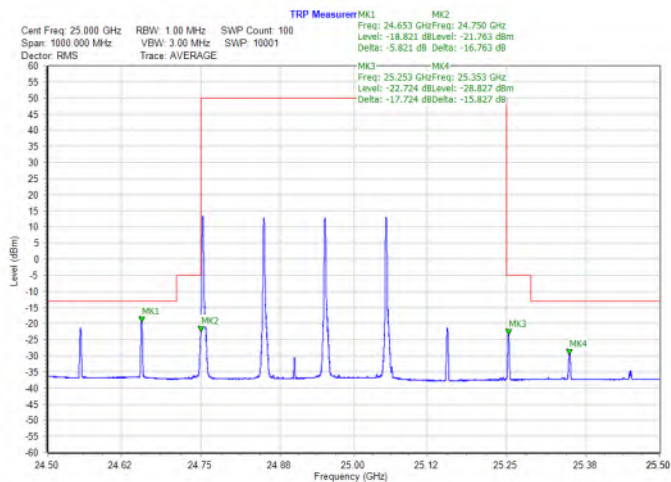
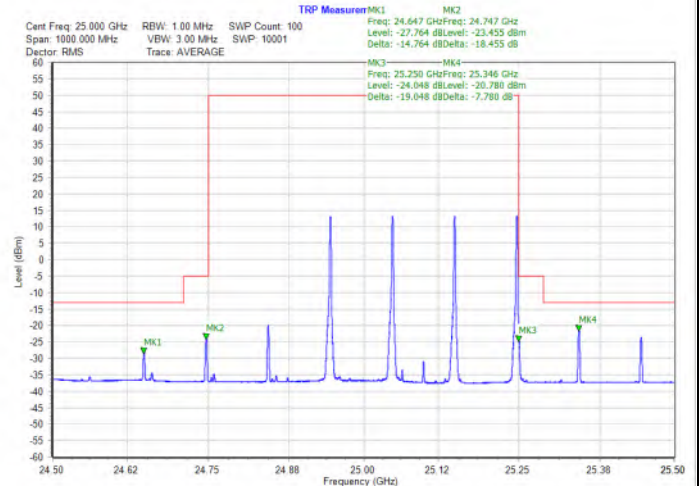
NR Band n258B / 300MHz / 64QAM

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



**DFT-s-OFDM Module 1****NR Band n258B / 400MHz / QPSK****Lowest Band Edge / 1 RB****Highest Band Edge / 1 RB****NR Band n258B / 400MHz / 16QAM****Lowest Band Edge / 1 RB****Highest Band Edge / 1 RB**

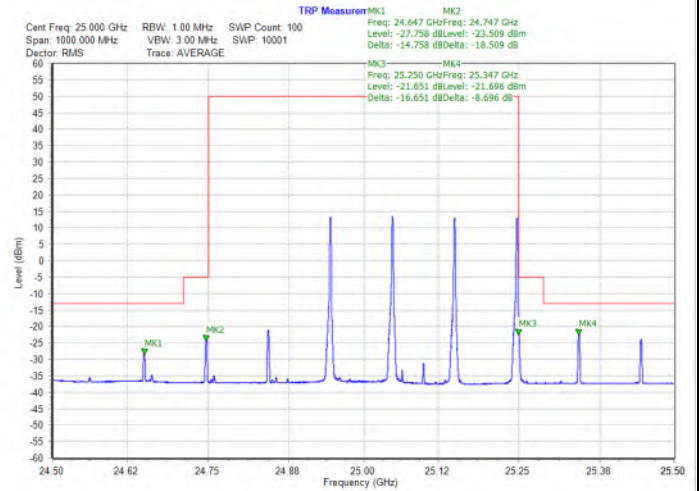
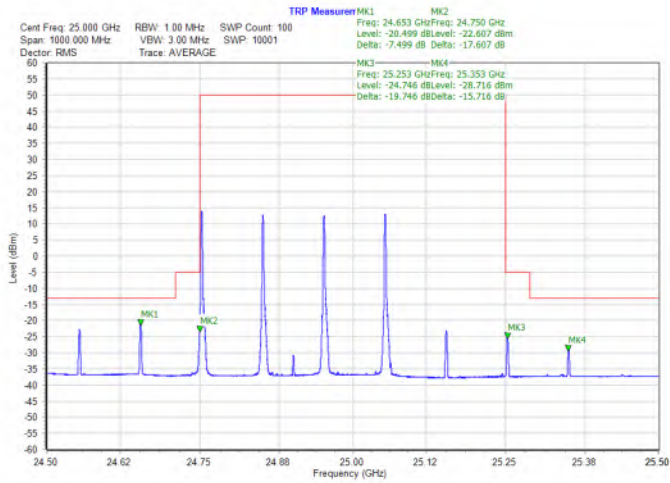


DFT-s-OFDM Module 1

NR Band n258B / 400MHz / 64QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

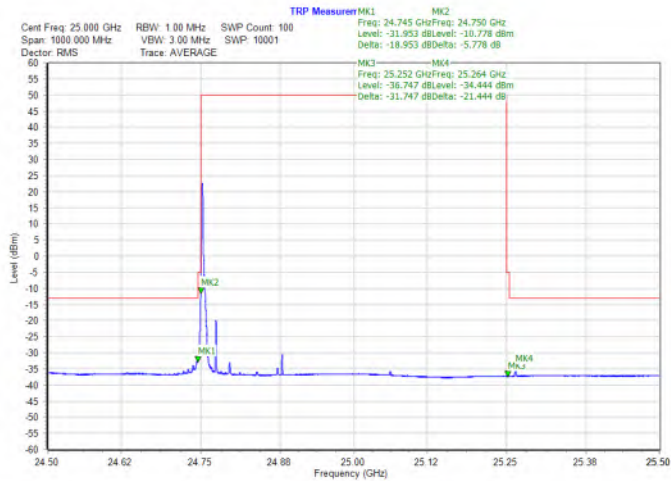




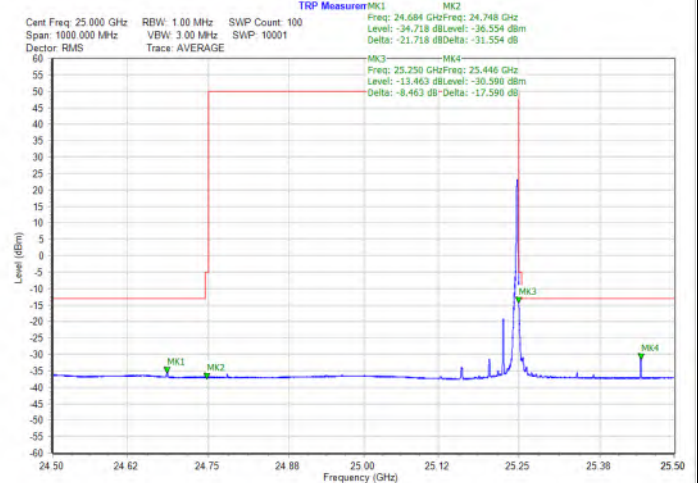
CP-OFDM Module 1

NR Band n258B / 50MHz / QPSK

Lowest Band Edge / 1 RB

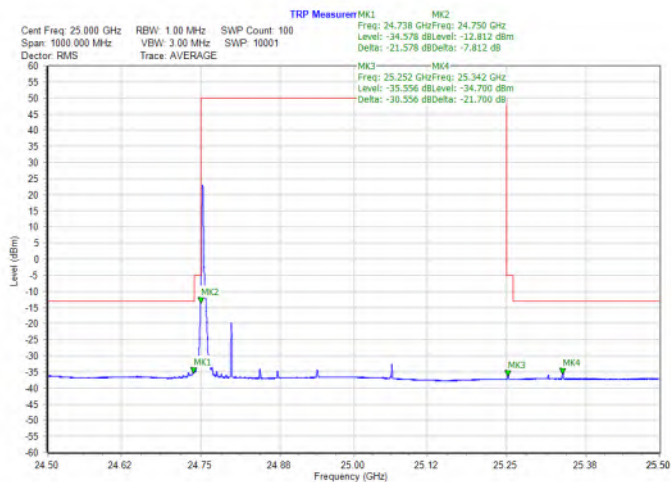


Highest Band Edge / 1 RB

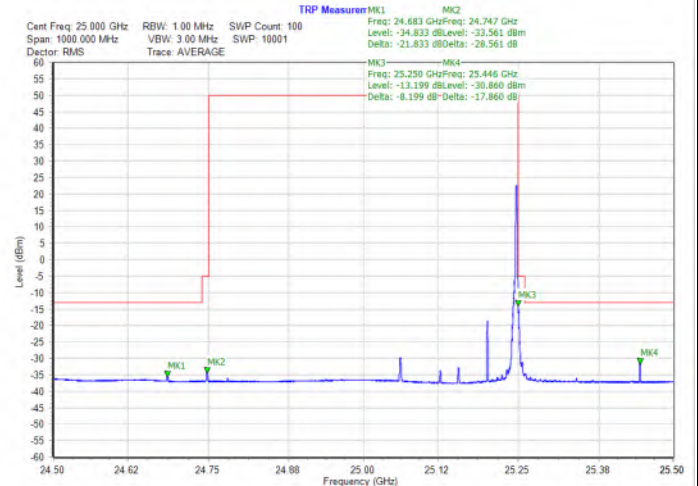


NR Band n258B / 100MHz / QPSK

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB

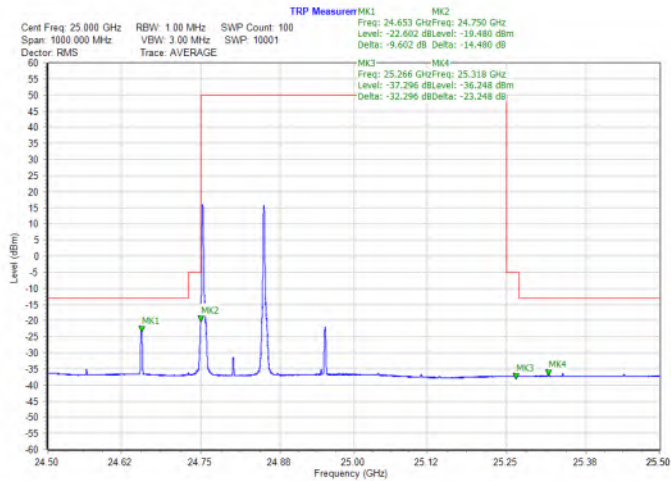




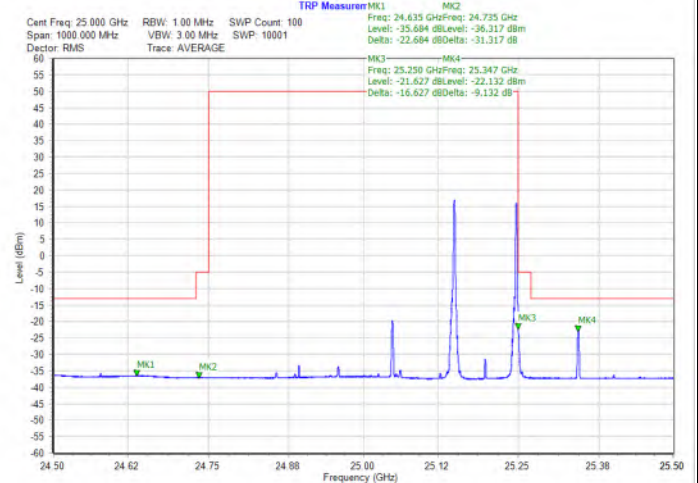
CP-OFDM Module 1

NR Band n258B / 200MHz / QPSK

Lowest Band Edge / 1 RB

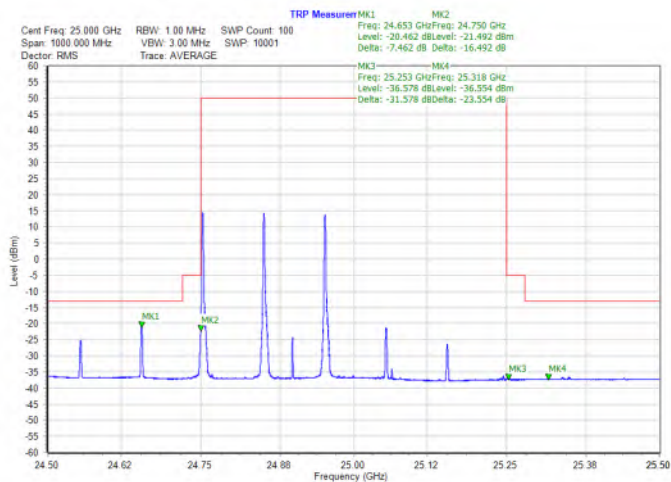


Highest Band Edge / 1 RB

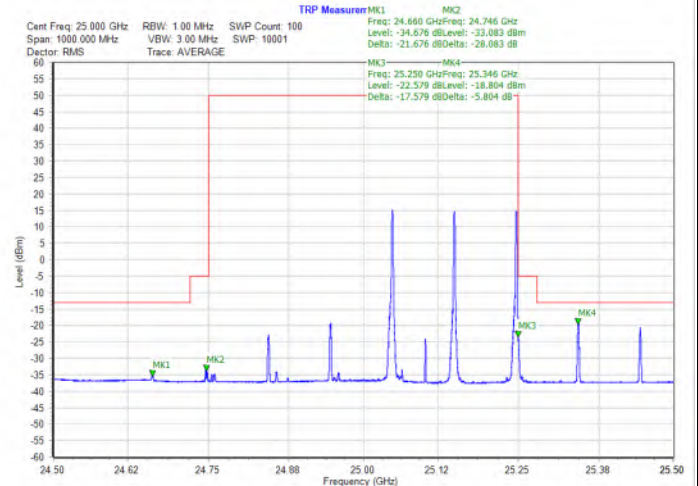


NR Band n258B / 300MHz / QPSK

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



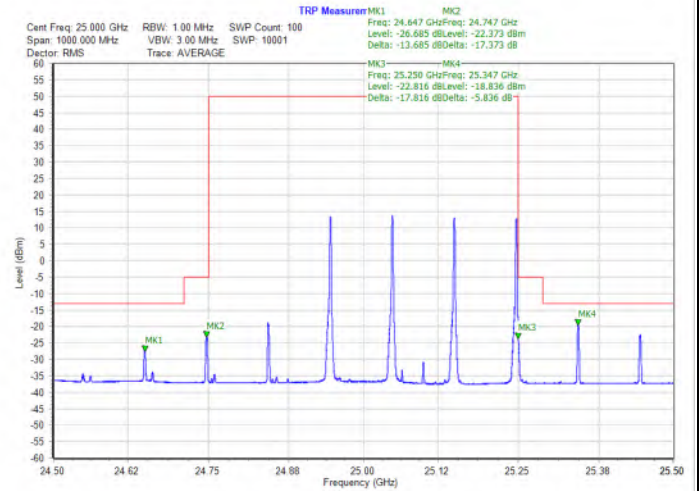
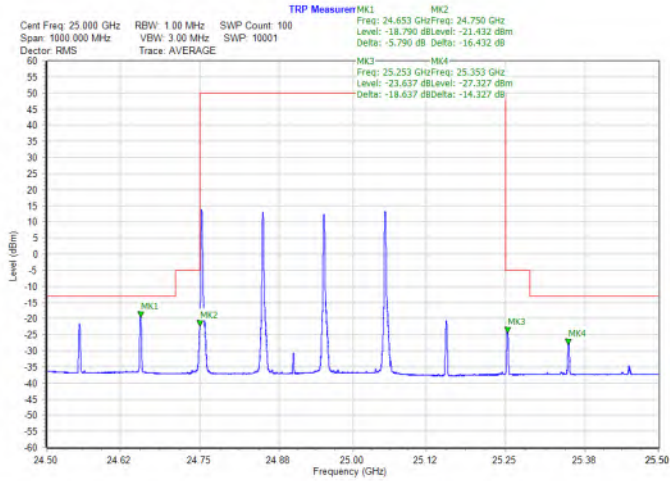


CP-OFDM Module 1

NR Band n258B / 400MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

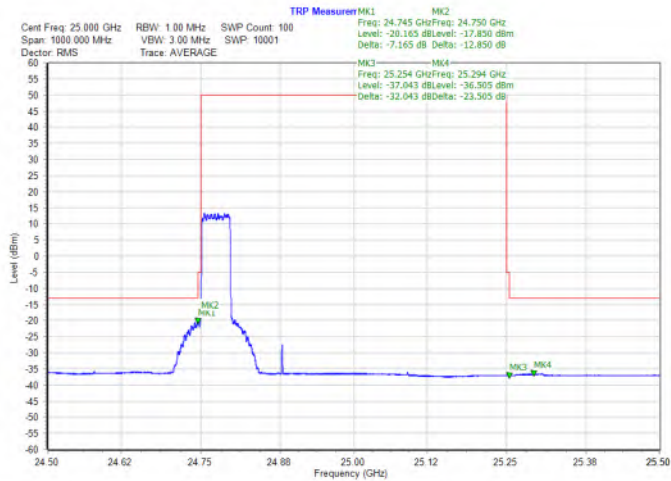




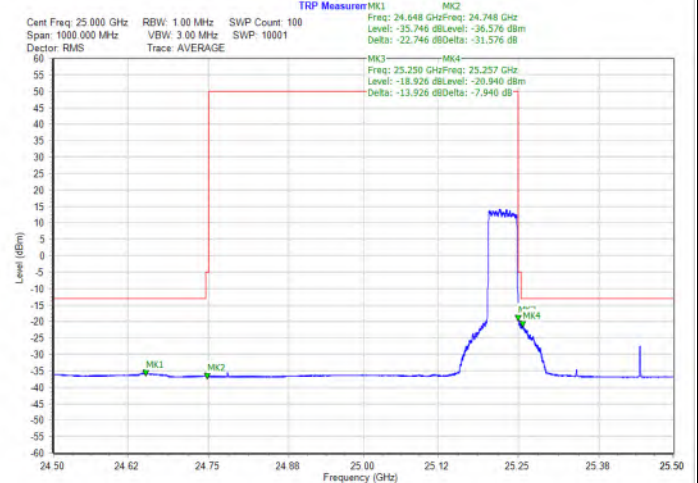
DFT-s-OFDM Module 1

NR Band n258B / 50MHz / QPSK

Lowest Band Edge / Full RB

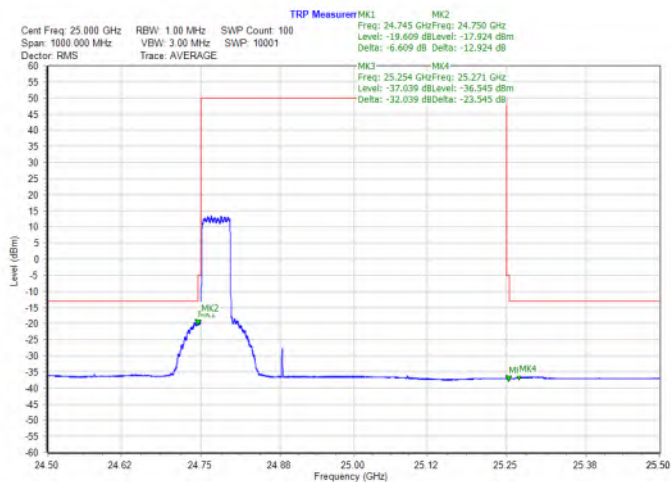


Highest Band Edge / Full RB

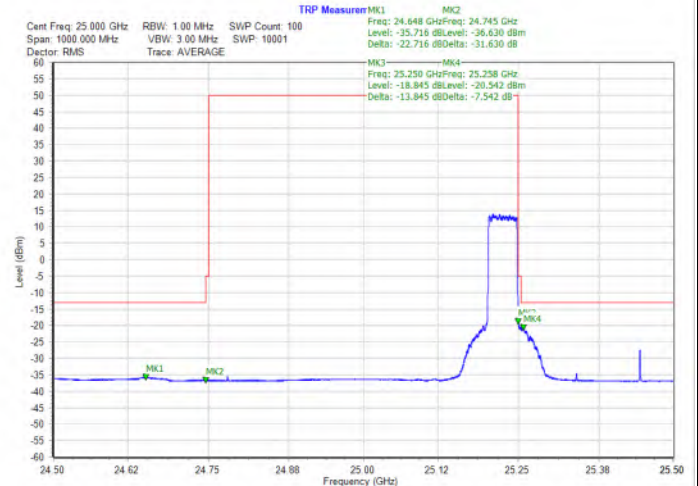


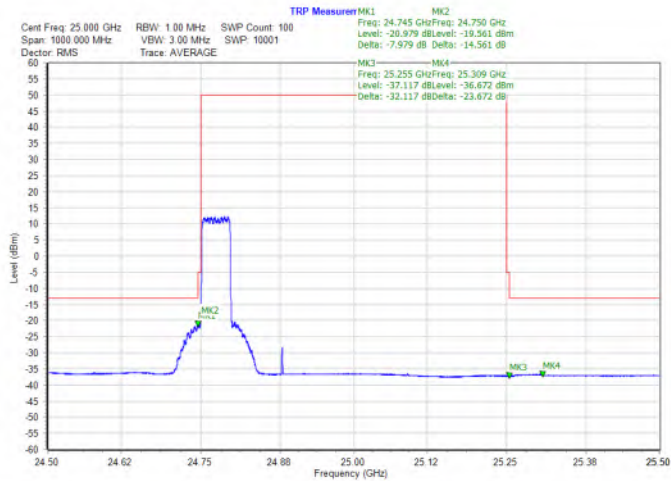
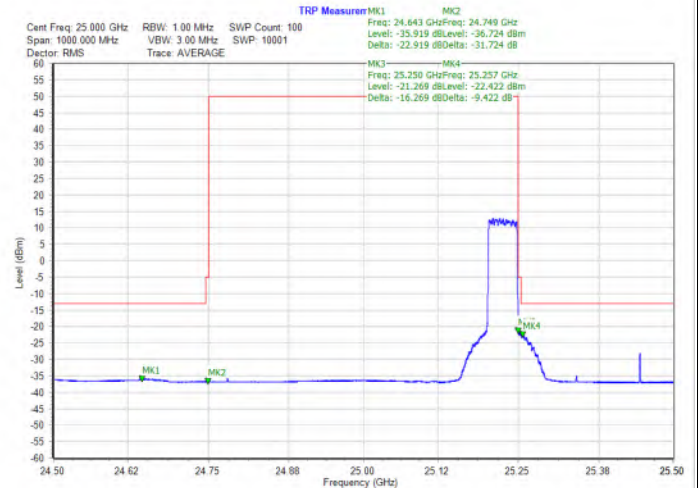
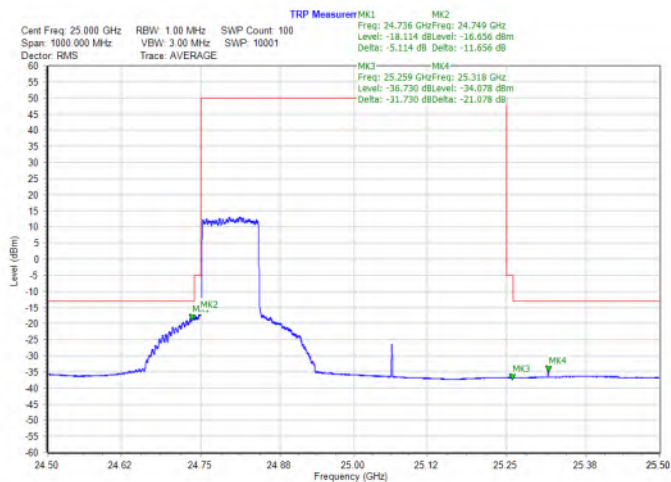
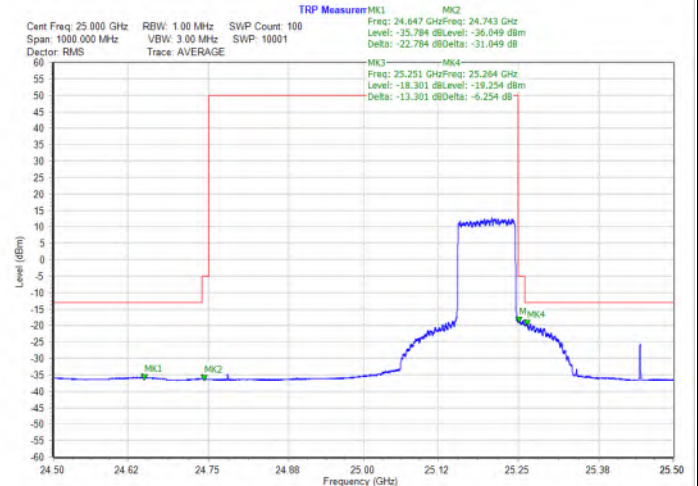
NR Band n258B / 50MHz / 16QAM

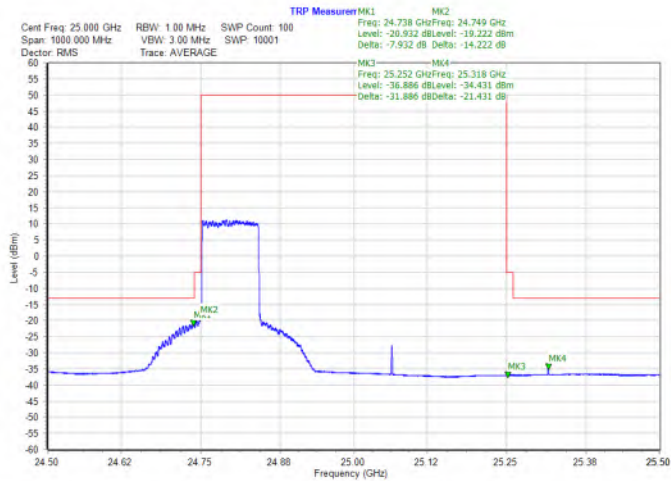
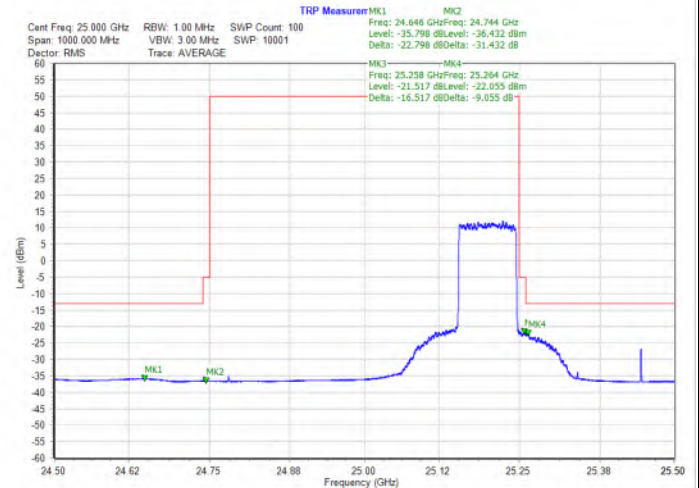
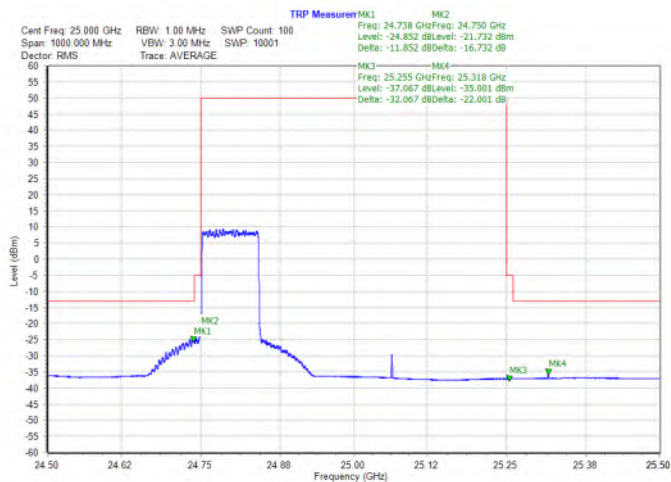
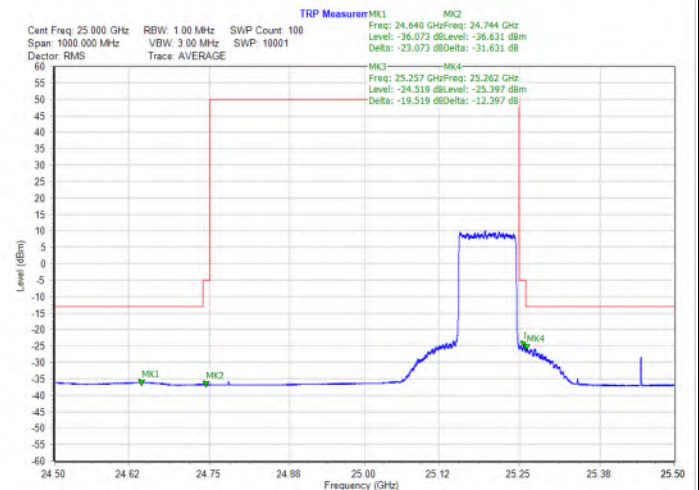
Lowest Band Edge / Full RB



Highest Band Edge / Full RB



**DFT-s-OFDM Module 1****NR Band n258B / 50MHz / 64QAM****Lowest Band Edge / Full RB****Highest Band Edge / Full RB****NR Band n258B / 100MHz / QPSK****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**

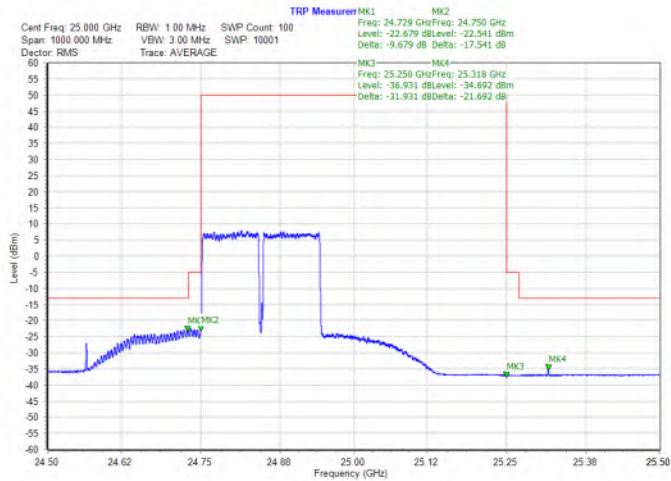
**DFT-s-OFDM Module 1****NR Band n258B / 100MHz / 16QAM****Lowest Band Edge / Full RB****Highest Band Edge / Full RB****NR Band n258B / 100MHz / 64QAM****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**



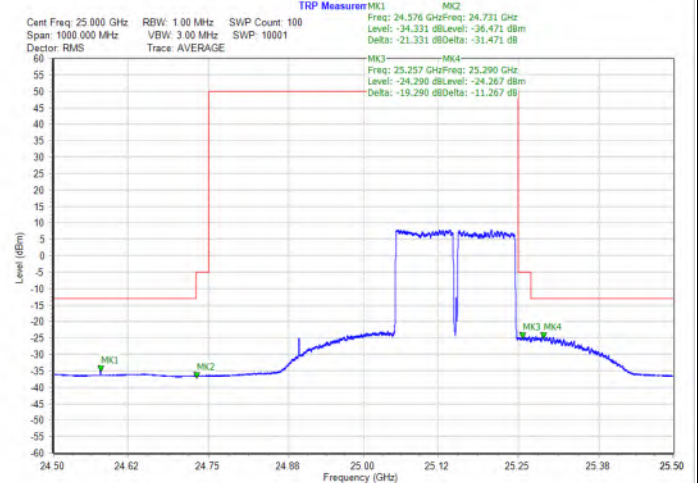
DFT-s-OFDM Module 1

NR Band n258B / 200MHz / QPSK

Lowest Band Edge / Full RB

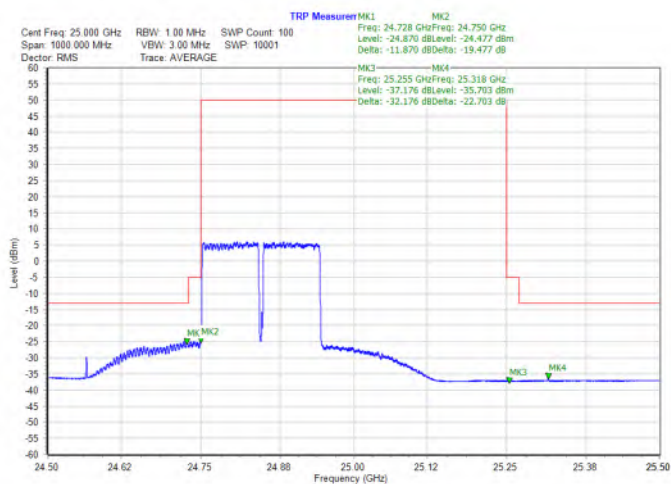


Highest Band Edge / Full RB

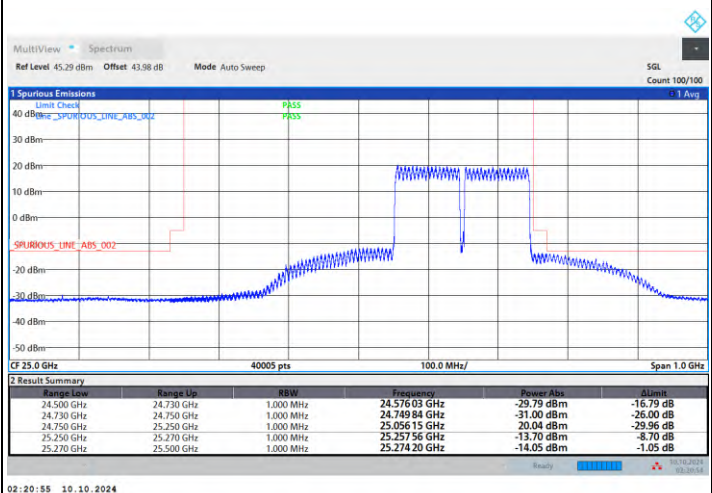


NR Band n258B / 200MHz / 16QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

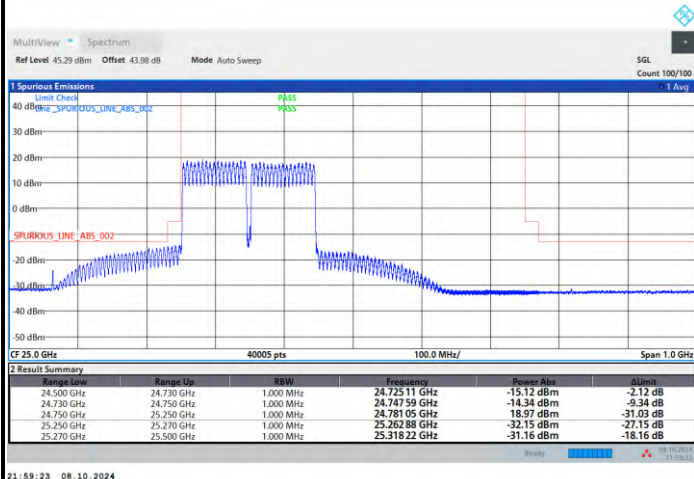




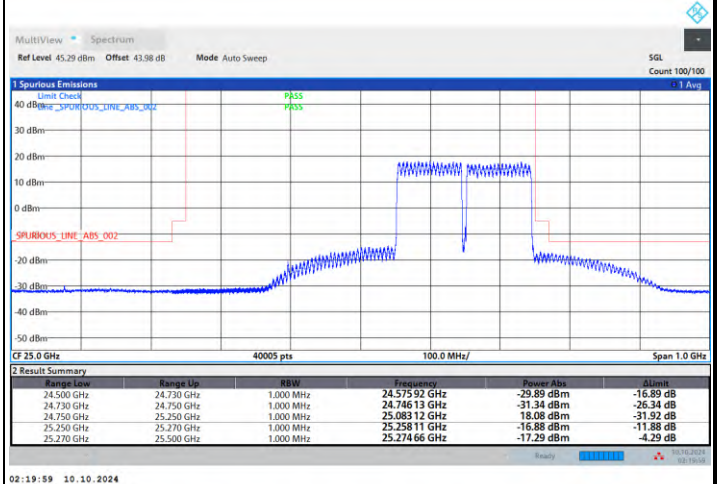
DFT-s-OFDM Module 1

NR Band n258B / 200MHz / 64QAM

Lowest Band Edge / Full RB

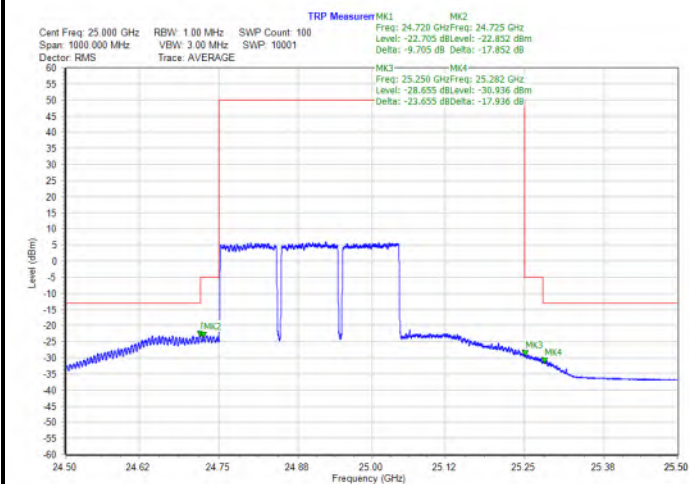


Highest Band Edge / Full RB

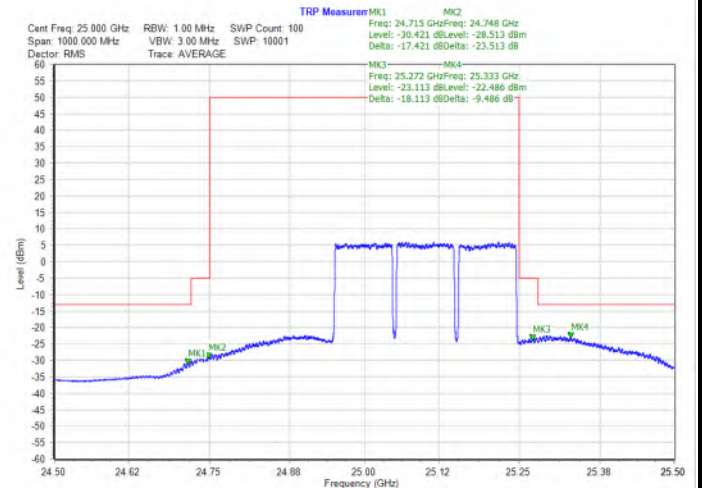


NR Band n258B / 300MHz / QPSK

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

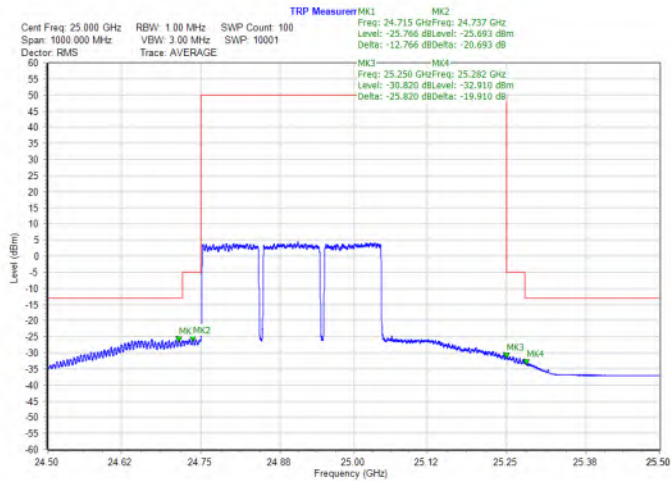




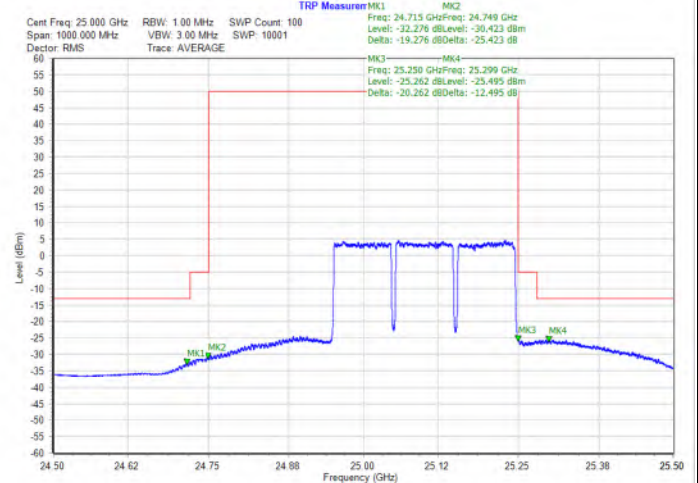
DFT-s-OFDM Module 1

NR Band n258B / 300MHz / 16QAM

Lowest Band Edge / Full RB

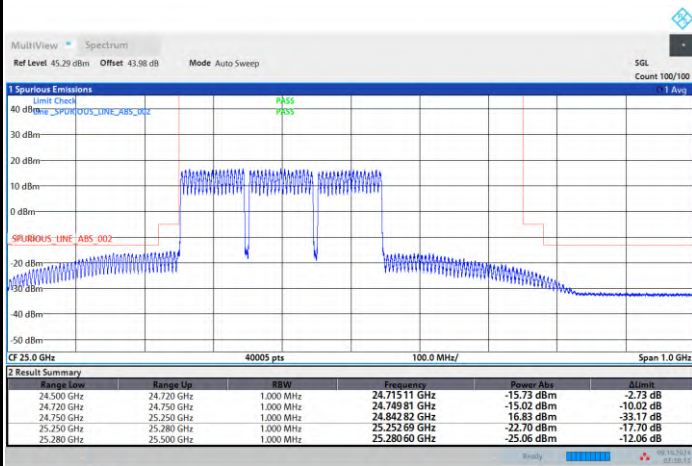


Highest Band Edge / Full RB

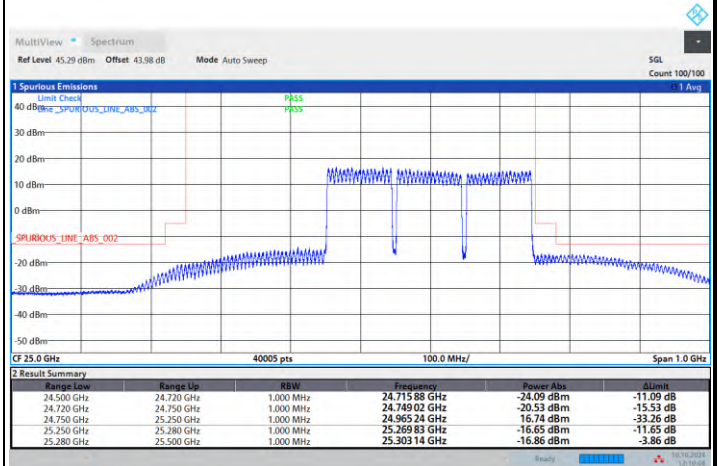


NR Band n258B / 300MHz / 64QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

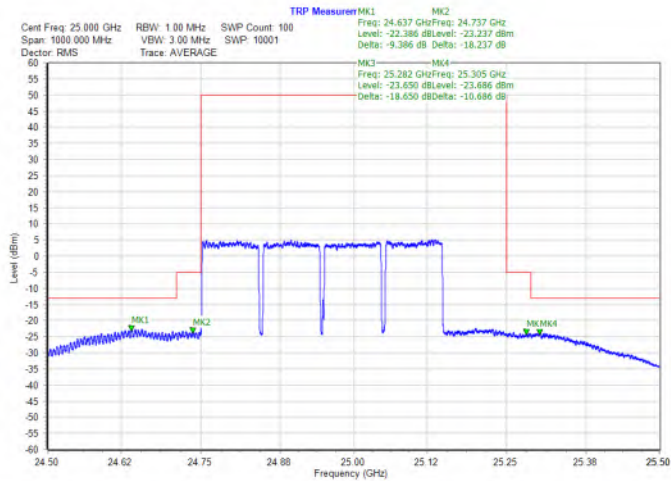




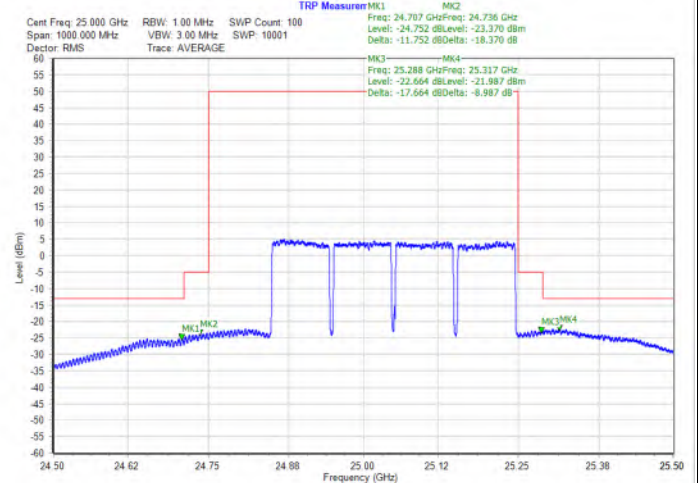
DFT-s-OFDM Module 1

NR Band n258B / 400MHz / QPSK

Lowest Band Edge / Full RB

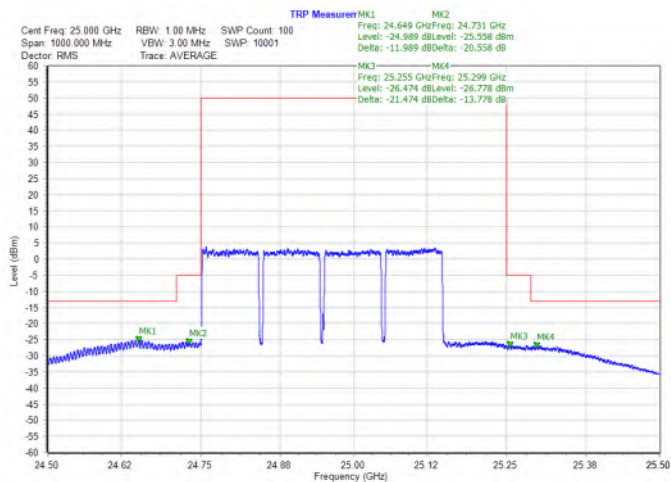


Highest Band Edge / Full RB

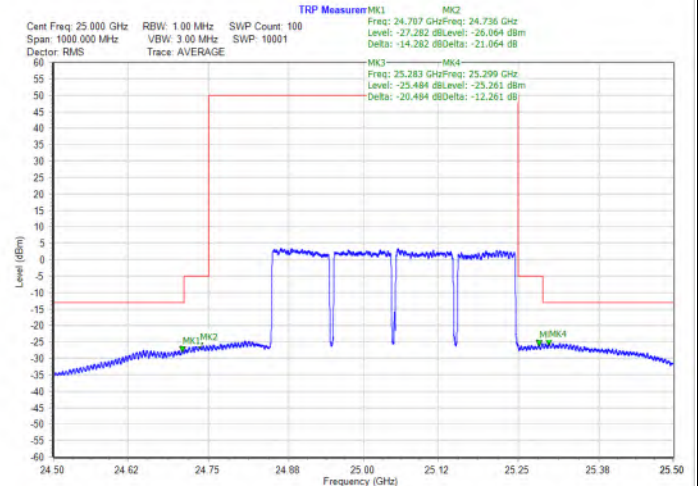


NR Band n258B / 400MHz / 16QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

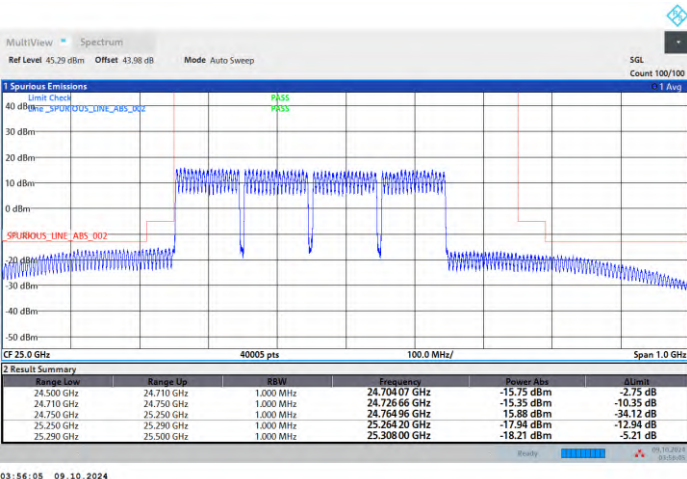




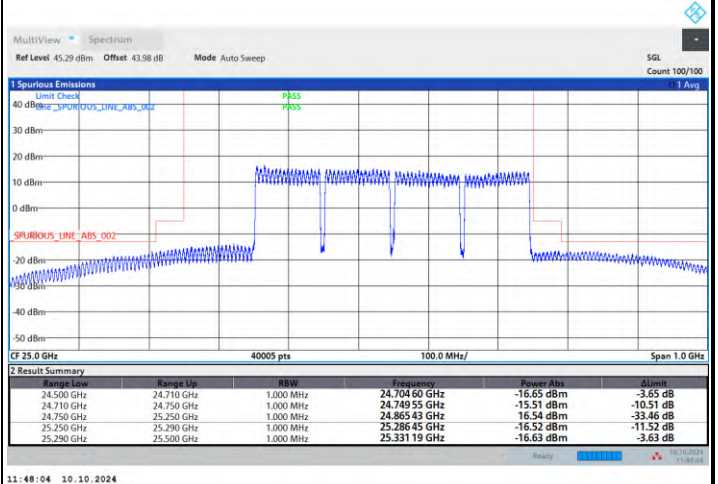
DFT-s-OFDM Module 1

NR Band n258B / 400MHz / 64QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

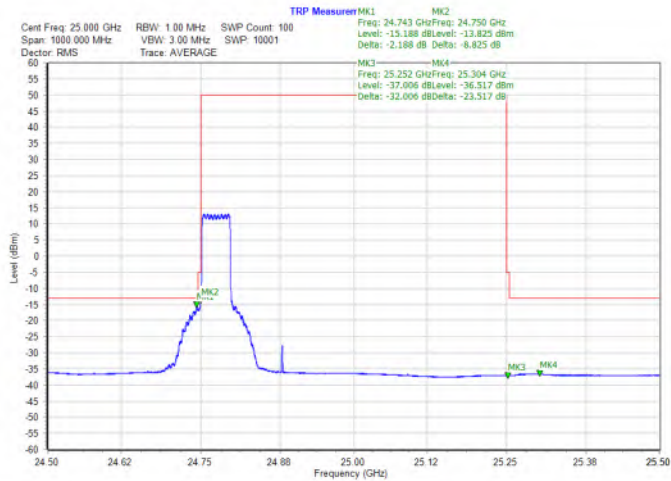




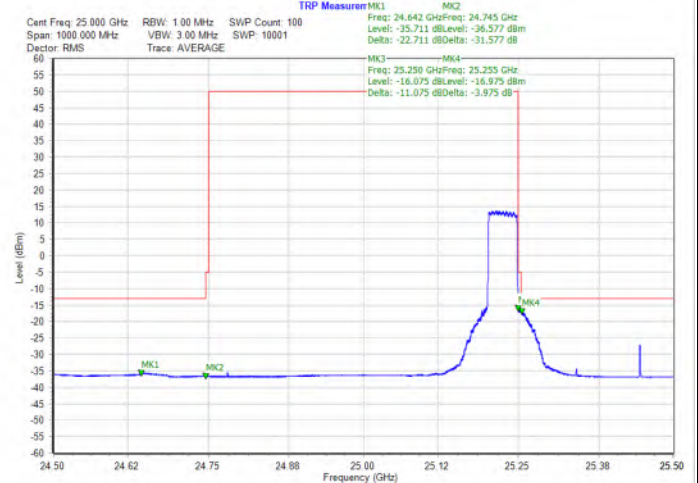
CP-OFDM Module 1

NR Band n258B / 50MHz / QPSK

Lowest Band Edge / Full RB

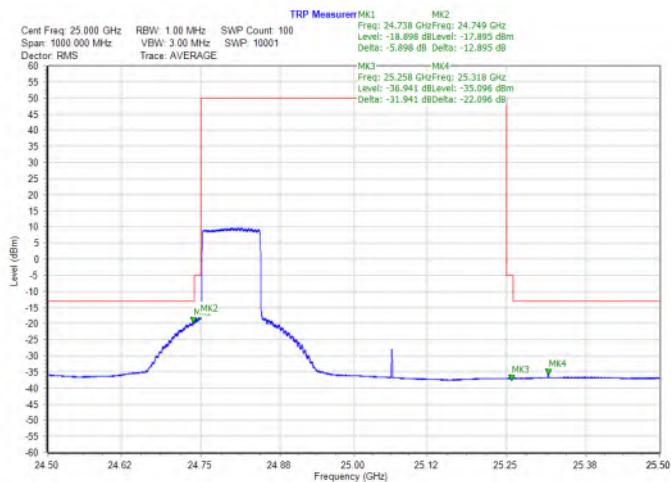


Highest Band Edge / Full RB

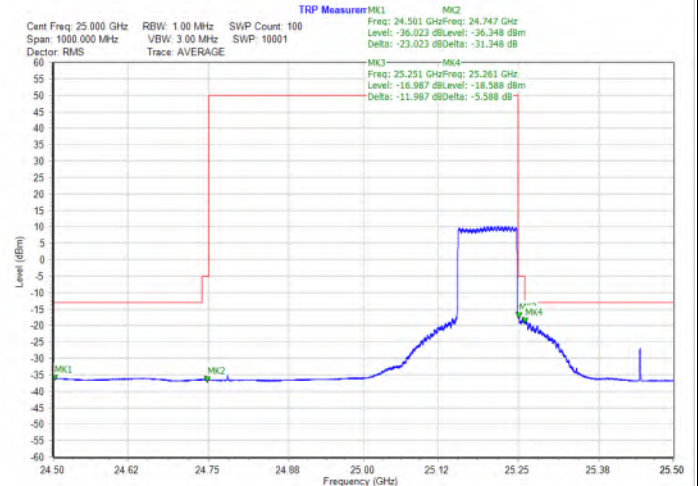


NR Band n258B / 100MHz / QPSK

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

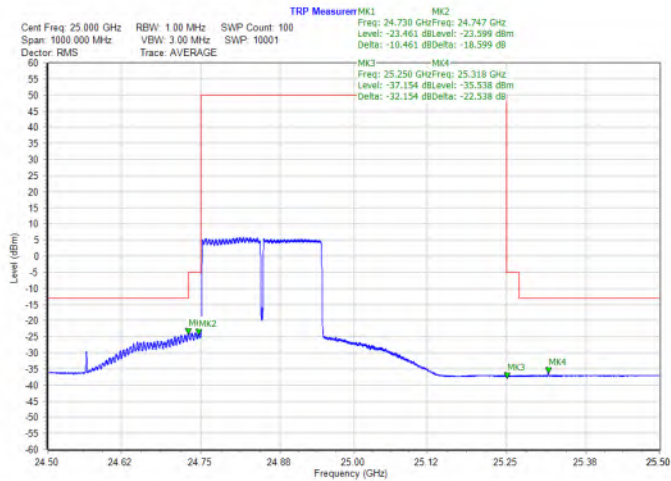




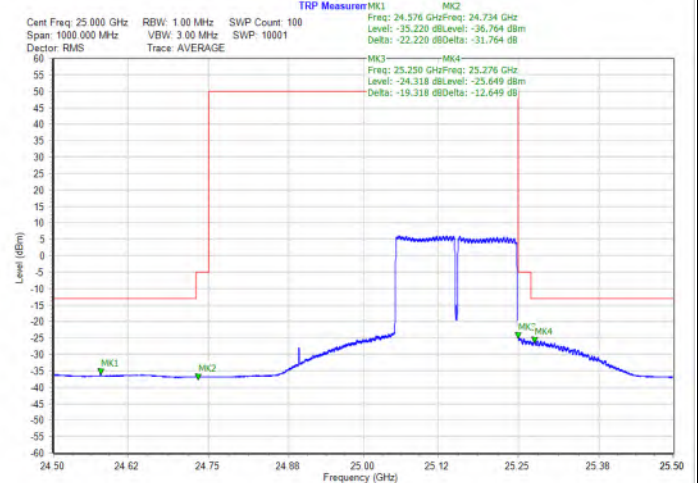
CP-OFDM Module 1

NR Band n258B / 200MHz / QPSK

Lowest Band Edge / Full RB

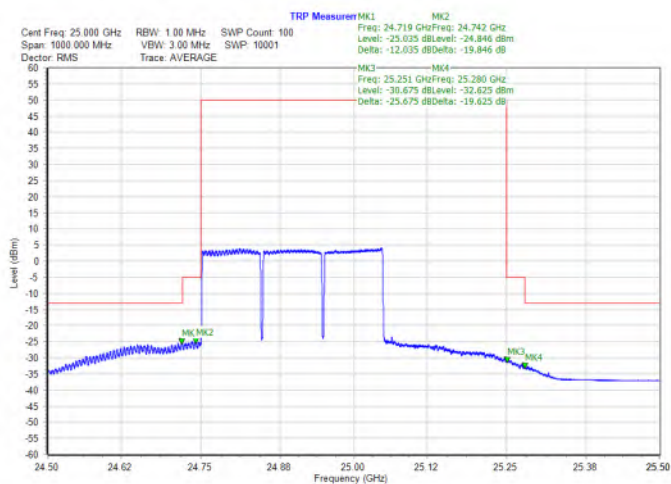


Highest Band Edge / Full RB

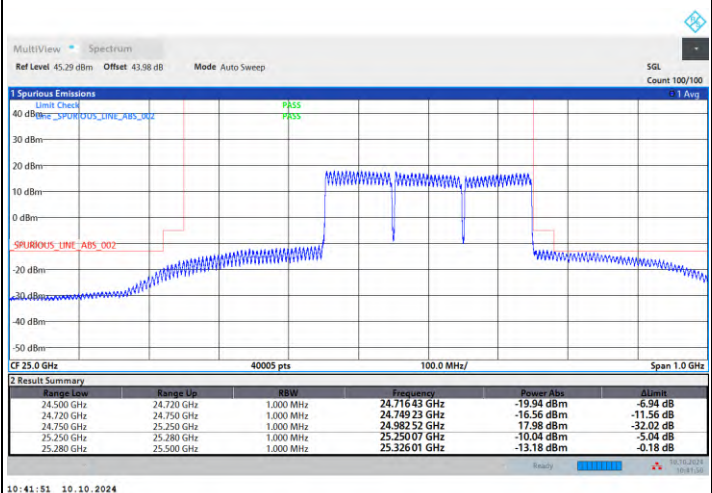


NR Band n258B / 300MHz / QPSK

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

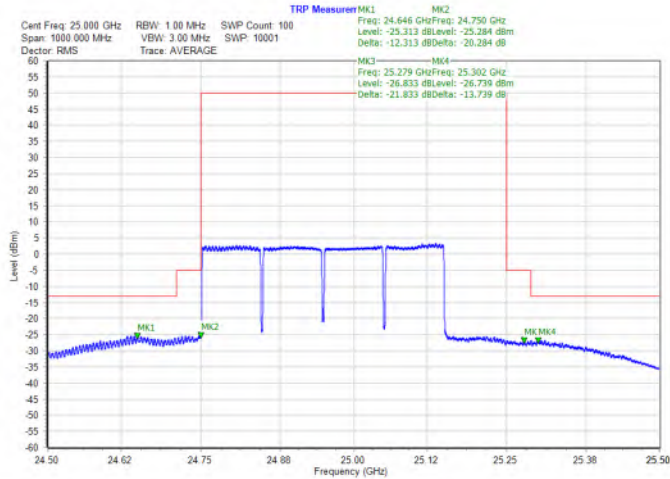




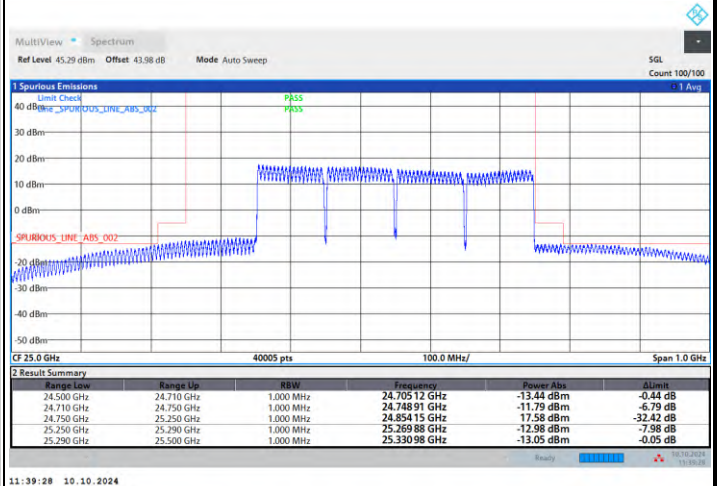
CP-OFDM Module 1

NR Band n258B / 400MHz / QPSK

Lowest Band Edge / Full RB



Highest Band Edge / Full RB





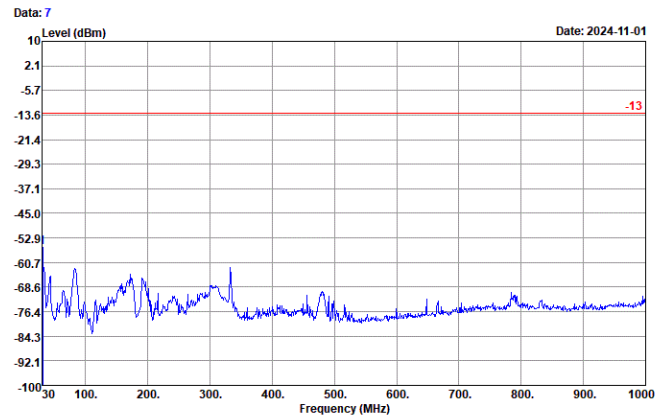
Spurious Emission

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

Only the noise floor is reported.

NR Band n258B (30MHz-1GHz)

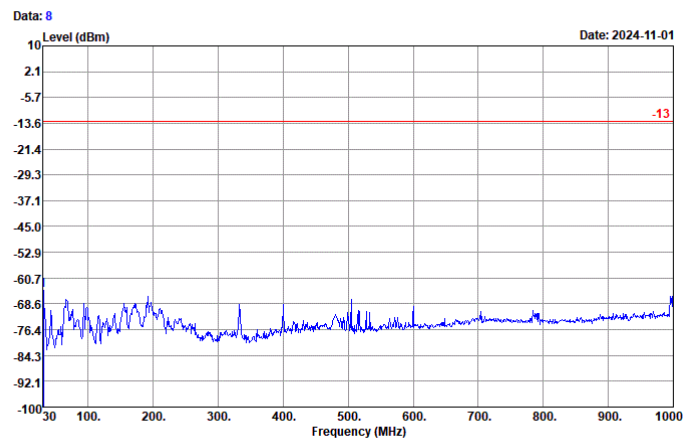
Horizontal



Site : 03CH23-HY
Condition : -13 ERP_20231229 HORIZONTAL
Project : 470412-01
: n258b

Freq	Level	Over	Limit
MHz	dBm	Limit	Line
		dB	dBm
1	30.97	-55.92	-42.92 -13.00

Vertical



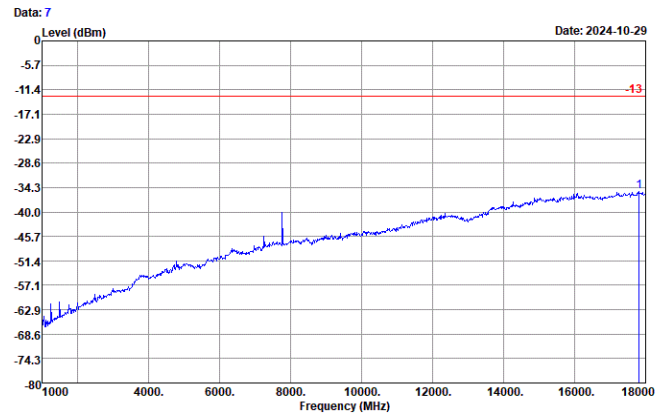
Site : 03CH23-HY
Condition : -13 ERP_20231229 VERTICAL
Project : 470412-01
: n258b

Freq	Level	Over	Limit
MHz	dBm	Limit	Line
		dB	dBm
1	30.97	-64.50	-51.50 -13.00



NR Band n258B (1GHz-18GHz)

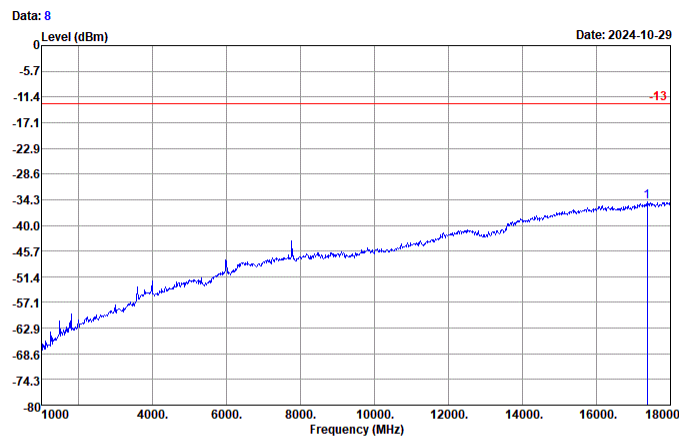
Horizontal



Site : 03CH23-HY
Condition : -13 EIRP_20231229 HORIZONTAL
Project : 470412-01
: n258b

Freq	Level	Over	Limit
MHz	dBm	Limit	Line
1	17813.00	-35.28	-22.28 -13.00

Vertical



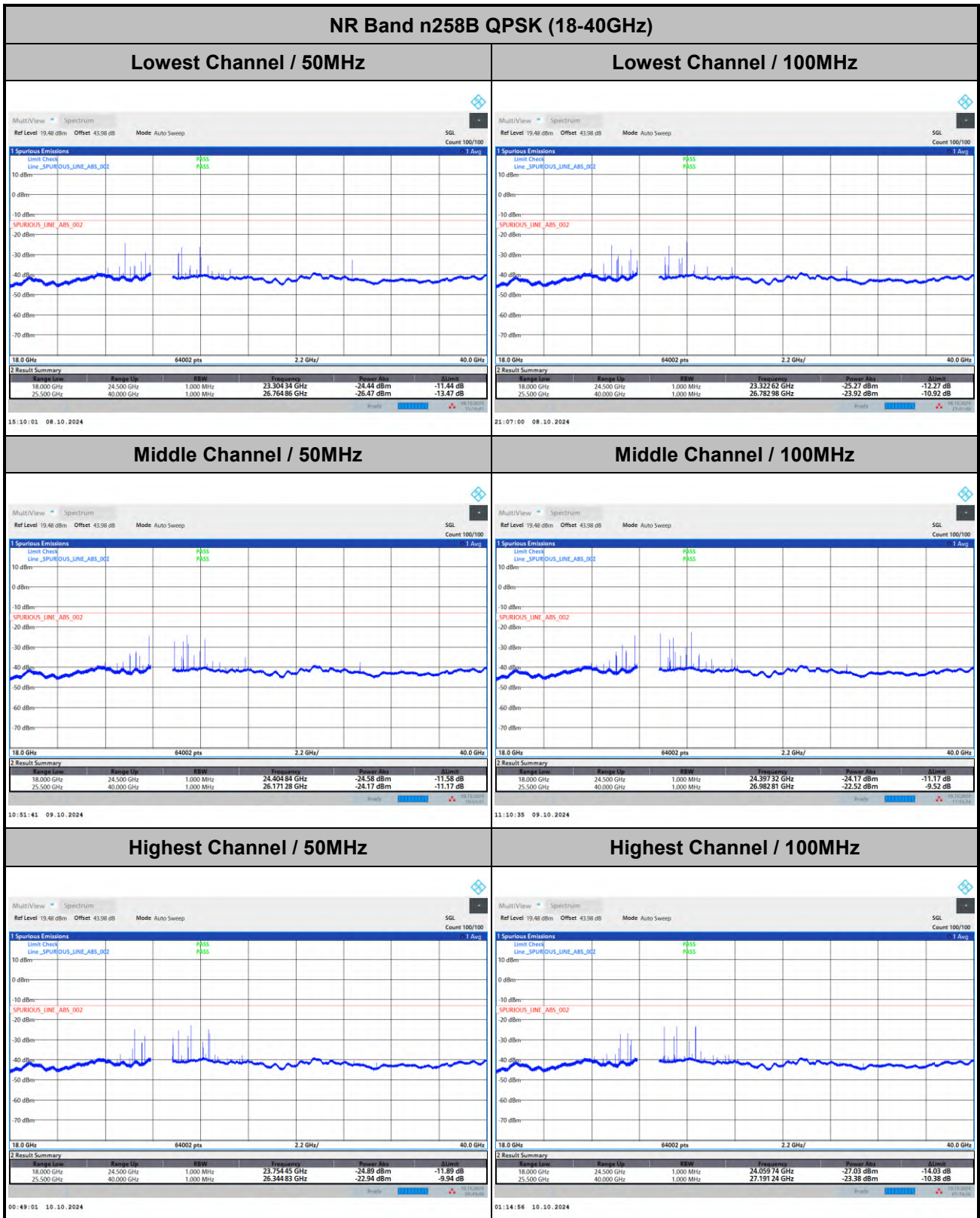
Site : 03CH23-HY
Condition : -13 EIRP_20231229 VERTICAL
Project : 470412-01
: n258b

Freq	Level	Over	Limit
MHz	dBm	Limit	Line
1	17371.00	-34.72	-21.72 -13.00



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

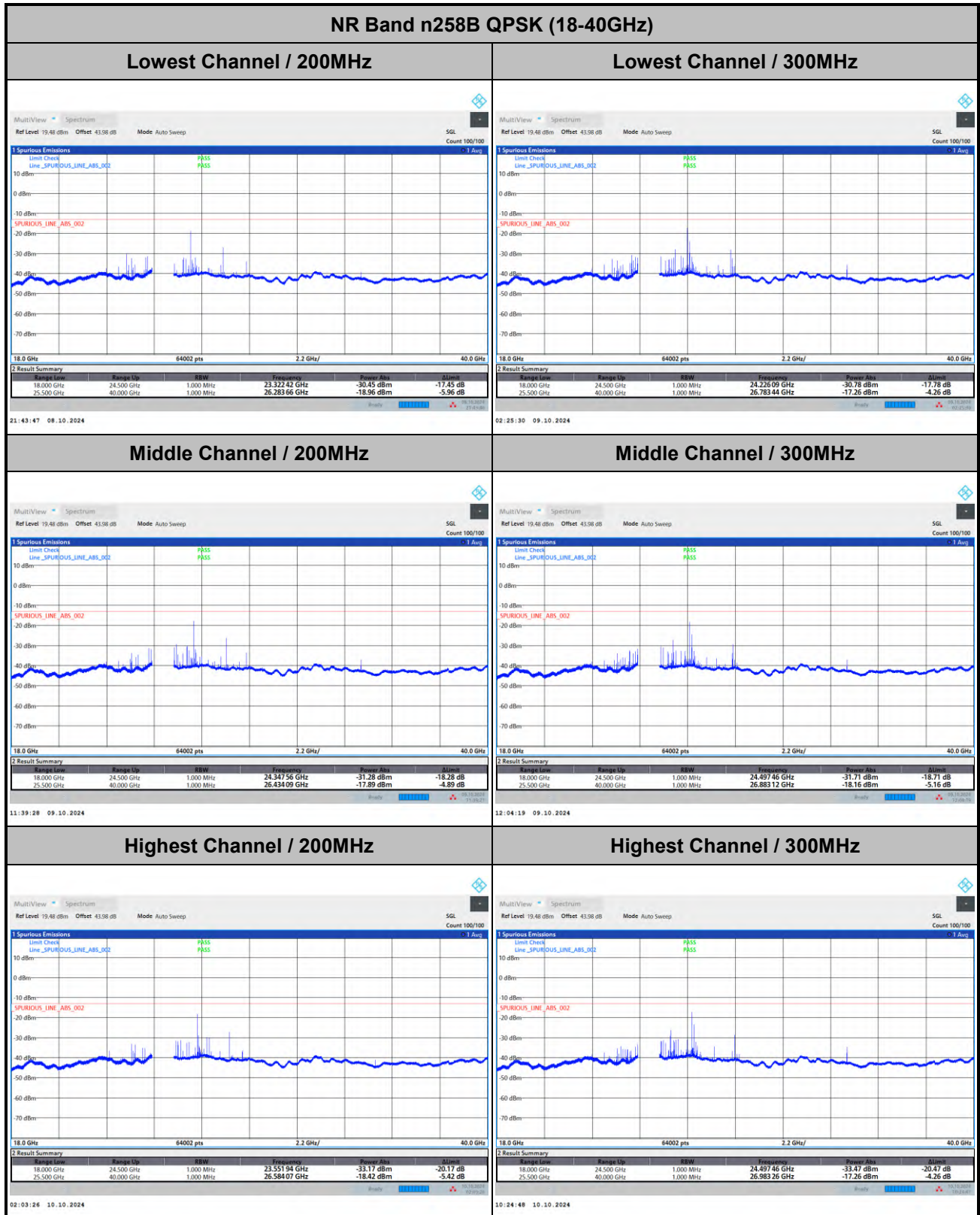
DFT-s-OFDM Module 1



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



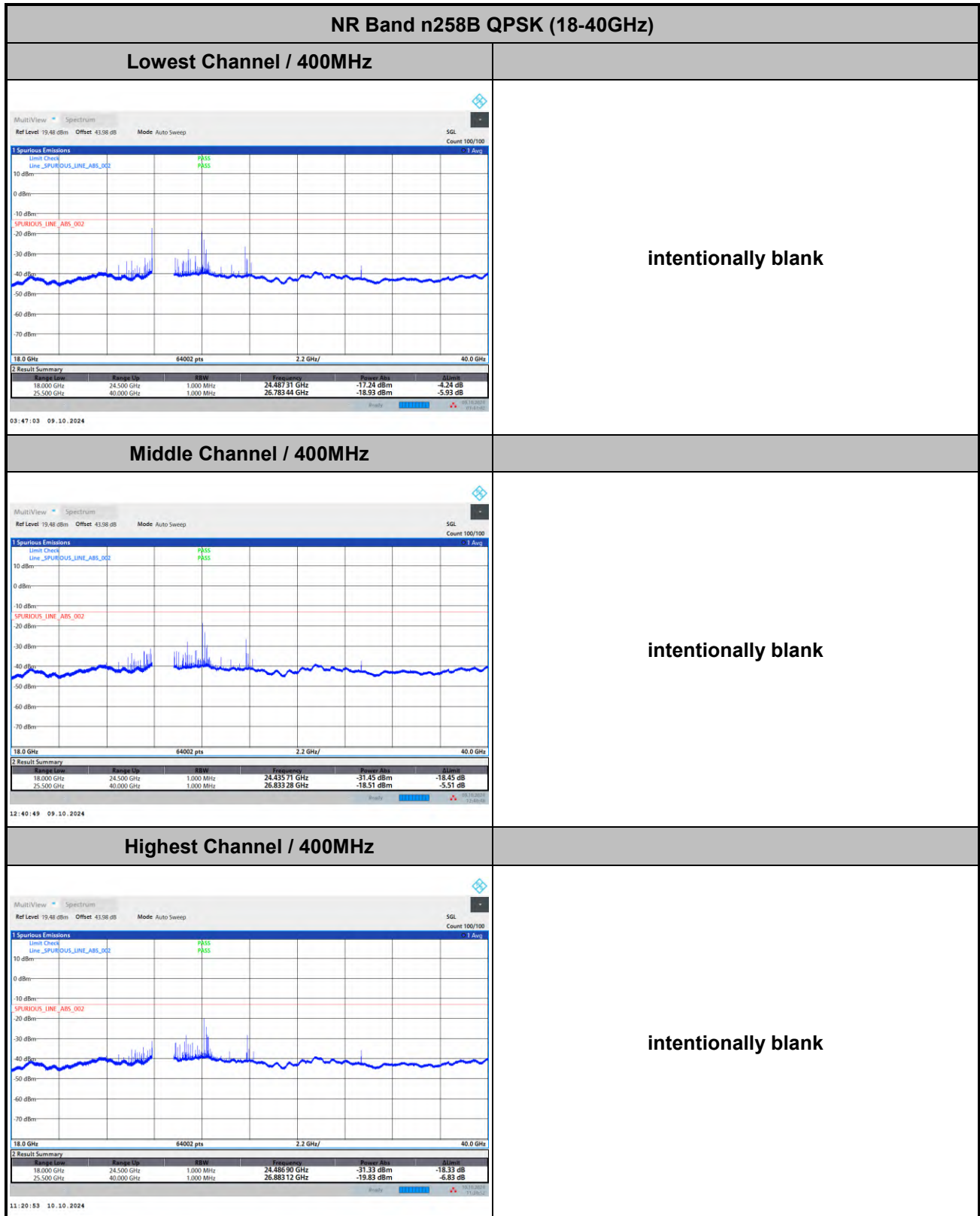
DFT-s-OFDM Module 1



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



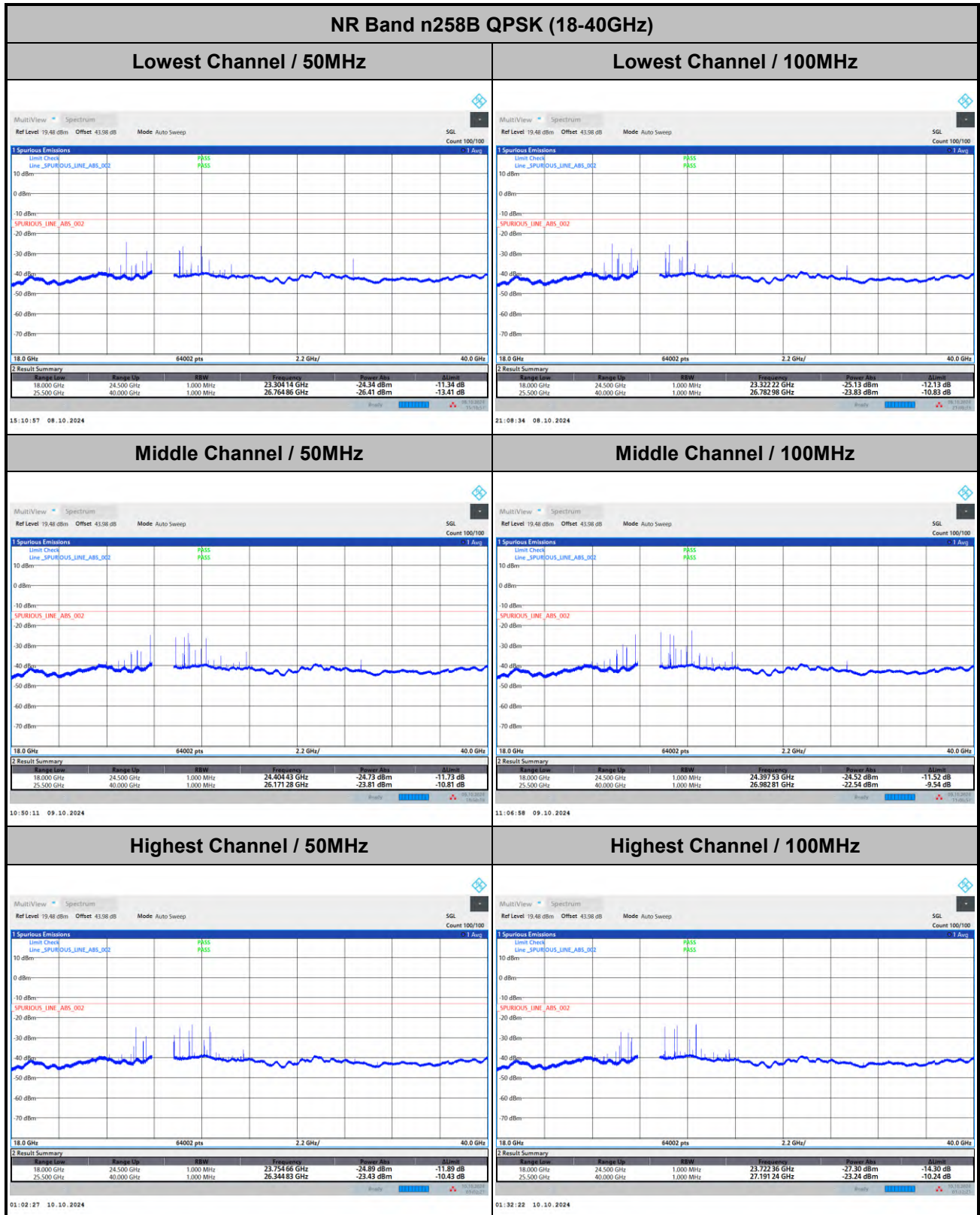
DFT-s-OFDM Module 1



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



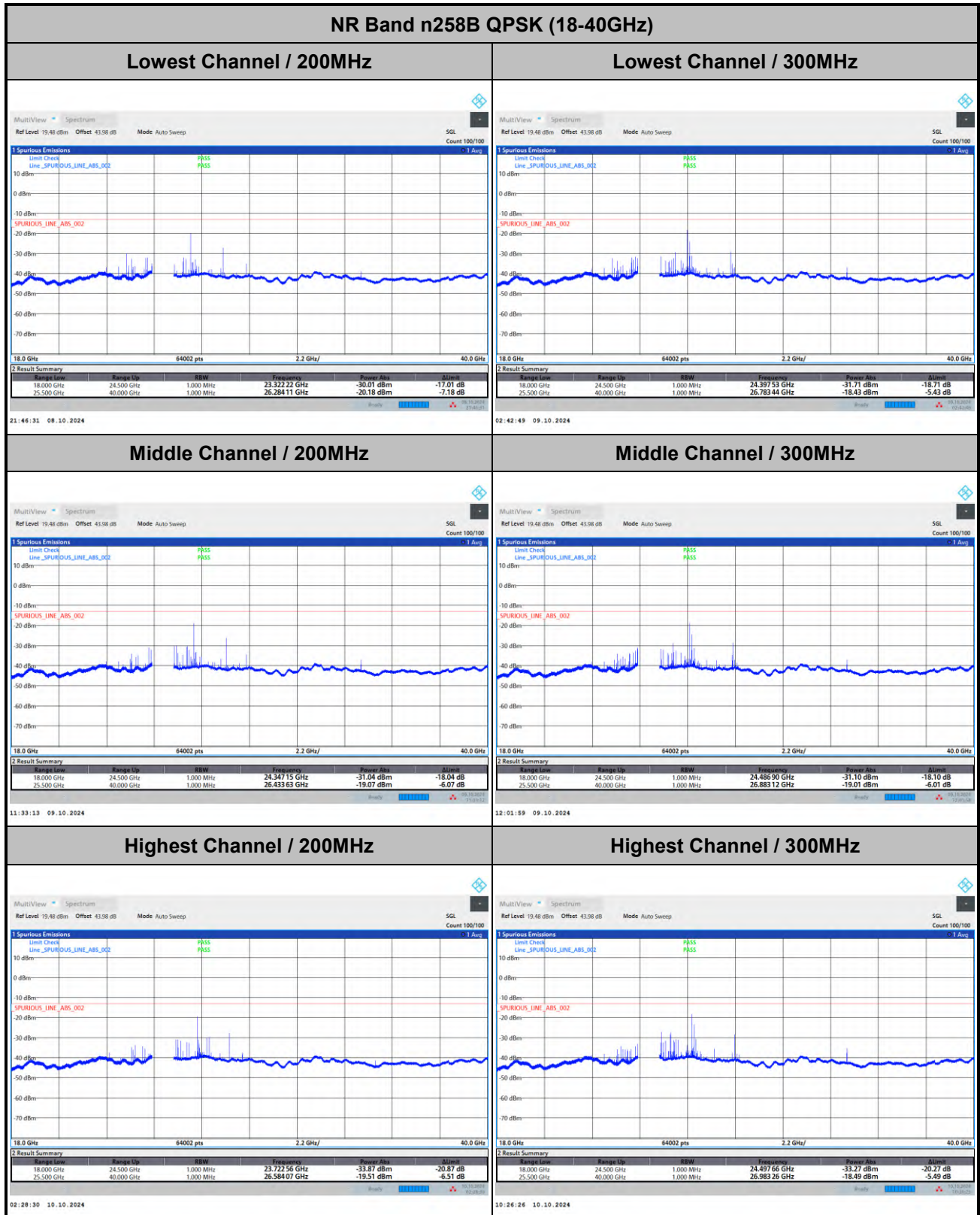
CP-OFDM Module 1



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



CP-OFDM Module 1



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



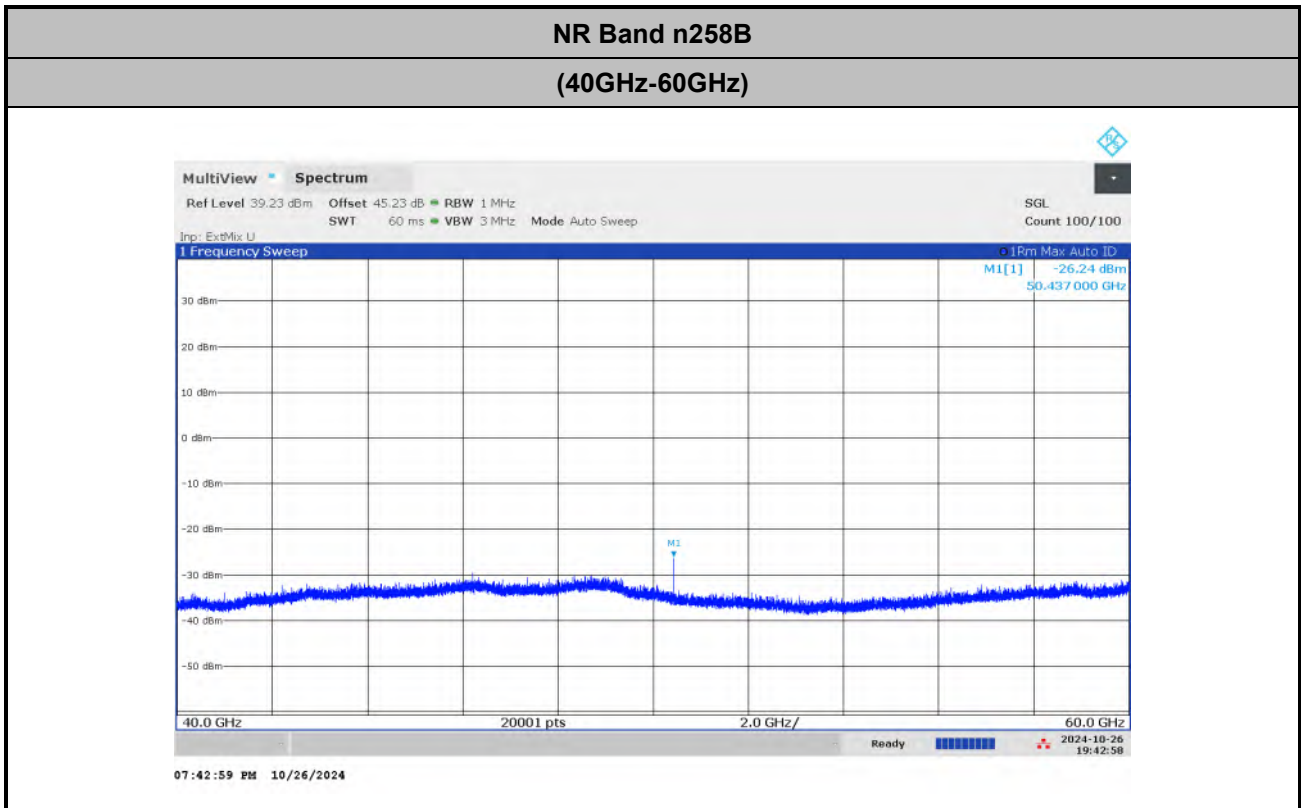
CP-OFDM Module 1

NR Band n258B QPSK (18-40GHz)																			
Lowest Channel / 400MHz																			
MultiViewSpectrum Ref Level 19.48 dBmOffset 43.98 dBMode Auto Sweep SGLCount 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 0 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>24.486 29 GHz</td><td>-13.60 dBm</td><td>-6.60 dB</td></tr><tr><td>25.500 GHz</td><td>40.000 GHz</td><td>1.000 MHz</td><td>26.782 98 GHz</td><td>-20.14 dBm</td><td>-7.14 dB</td></tr></table> 04:07:4809.10.2024	Range Low	Range Up	RBW	Frequency	Power Abs	Limit	18.000 GHz	24.500 GHz	1.000 MHz	24.486 29 GHz	-13.60 dBm	-6.60 dB	25.500 GHz	40.000 GHz	1.000 MHz	26.782 98 GHz	-20.14 dBm	-7.14 dB	intentionally blank
Range Low	Range Up	RBW	Frequency	Power Abs	Limit														
18.000 GHz	24.500 GHz	1.000 MHz	24.486 29 GHz	-13.60 dBm	-6.60 dB														
25.500 GHz	40.000 GHz	1.000 MHz	26.782 98 GHz	-20.14 dBm	-7.14 dB														
Middle Channel / 400MHz																			
MultiViewSpectrum Ref Level 19.48 dBmOffset 43.98 dBMode Auto Sweep SGLCount 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 0 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>24.435 92 GHz</td><td>-31.65 dBm</td><td>-18.65 dB</td></tr><tr><td>25.500 GHz</td><td>40.000 GHz</td><td>1.000 MHz</td><td>26.832 83 GHz</td><td>-19.44 dBm</td><td>-6.44 dB</td></tr></table> 12:33:1009.10.2024	Range Low	Range Up	RBW	Frequency	Power Abs	Limit	18.000 GHz	24.500 GHz	1.000 MHz	24.435 92 GHz	-31.65 dBm	-18.65 dB	25.500 GHz	40.000 GHz	1.000 MHz	26.832 83 GHz	-19.44 dBm	-6.44 dB	intentionally blank
Range Low	Range Up	RBW	Frequency	Power Abs	Limit														
18.000 GHz	24.500 GHz	1.000 MHz	24.435 92 GHz	-31.65 dBm	-18.65 dB														
25.500 GHz	40.000 GHz	1.000 MHz	26.832 83 GHz	-19.44 dBm	-6.44 dB														
Highest Channel / 400MHz																			
MultiViewSpectrum Ref Level 19.48 dBmOffset 43.98 dBMode Auto Sweep SGLCount 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 0 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>24.486 09 GHz</td><td>-30.97 dBm</td><td>-17.97 dB</td></tr><tr><td>25.500 GHz</td><td>40.000 GHz</td><td>1.000 MHz</td><td>26.883 12 GHz</td><td>-21.41 dBm</td><td>-8.41 dB</td></tr></table> 11:14:4310.10.2024	Range Low	Range Up	RBW	Frequency	Power Abs	Limit	18.000 GHz	24.500 GHz	1.000 MHz	24.486 09 GHz	-30.97 dBm	-17.97 dB	25.500 GHz	40.000 GHz	1.000 MHz	26.883 12 GHz	-21.41 dBm	-8.41 dB	intentionally blank
Range Low	Range Up	RBW	Frequency	Power Abs	Limit														
18.000 GHz	24.500 GHz	1.000 MHz	24.486 09 GHz	-30.97 dBm	-17.97 dB														
25.500 GHz	40.000 GHz	1.000 MHz	26.883 12 GHz	-21.41 dBm	-8.41 dB														

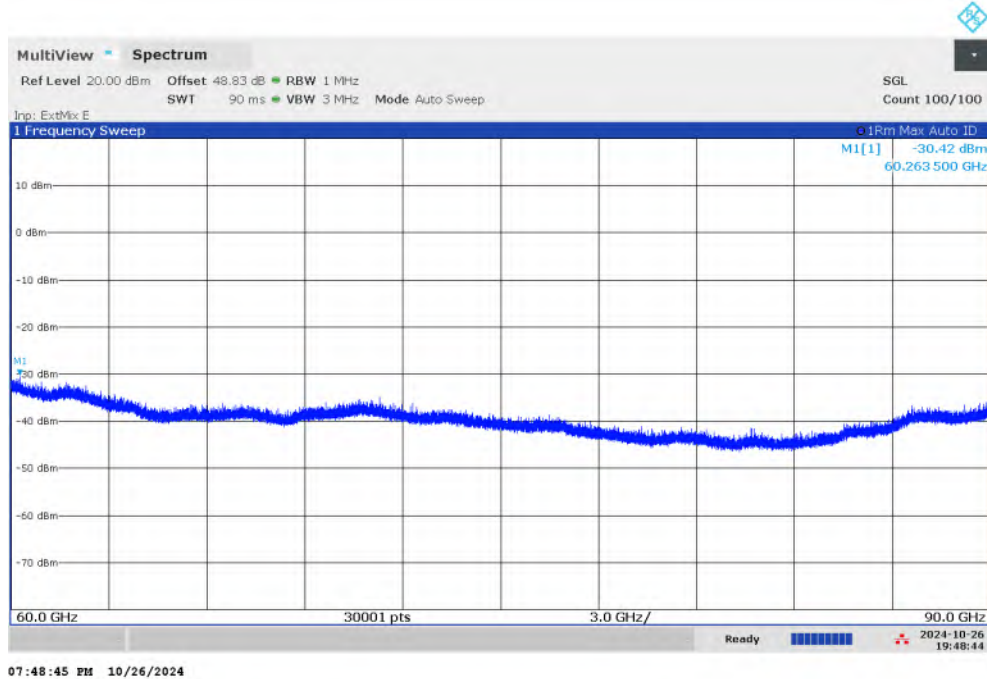
Remark: In band and out of band frequencies are omitted.



There is no significant spurious emission signal found for frequency started from 40GHz up to 200GHz.
Only the noise floor is reported.

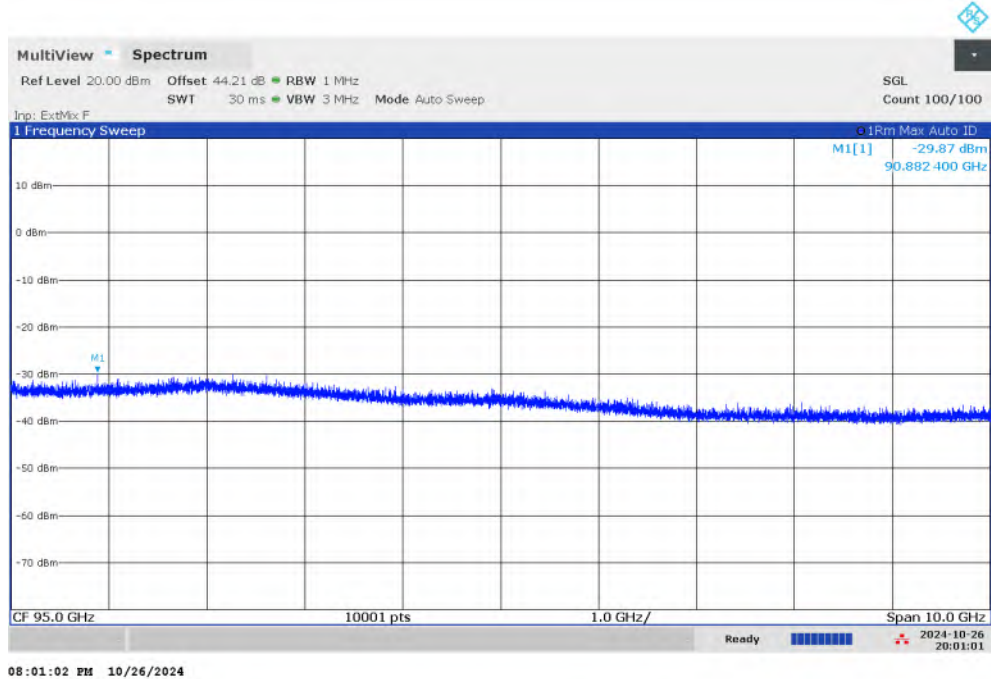


$$\begin{aligned}\text{Offset} &= \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 \\ &= 42.6 + 0.43 + 107 + 20\log(1) - 104.8 = 45.23(\text{dB})\end{aligned}$$

NR Band n258B
(60GHz-90GHz)


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

$$= 46.2 + 0.43 + 107 + 20\log(1) - 104.8 = 48.83 \text{ (dB)}$$

NR Band n258B
(90GHz-100GHz)


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

$$= 47.6 + 0.43 + 107 + 20\log(0.5) - 104.8 = 44.21 \text{ (dB)}$$

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	25.0098861	84.900	3.396	Pass
40	Normal Voltage	25.0098801	90.900	3.636	
30	Normal Voltage	25.0099181	52.900	2.116	
20(Ref.)	Normal Voltage	25.009971	0.000	0.000	
10	Normal Voltage	25.0098871	83.900	3.356	
0	Normal Voltage	25.0098771	93.900	3.756	
-10	Normal Voltage	25.0099331	37.900	1.516	
-20	Normal Voltage	25.0099221	48.900	1.956	
-30	Normal Voltage	25.0099251	45.900	1.836	
20	Maximum Voltage	25.009962	9.000	0.360	
20	Normal Voltage	25.009968	3.000	0.120	
20	Battery End Point	25.009964	7.000	0.280	

Note:

1. Normal Voltage = 56 V. ; Battery End Point (BEP) = 47.6 V. ; Maximum Voltage = 64.4 V.
2. The frequency fundamental emissions stay within the operation band.

NR Band n260 AG0+1

Occupied Bandwidth

Mode	DFT-s-OFDM Module 1 NR Band n260 : 99%OBW(MHz)								
BW	50MHz			100MHz			200MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	44.68	44.70	44.82	91.90	91.79	91.85	190.95	190.78	190.75
Middle CH	44.73	44.55	44.78	91.56	91.73	91.30	190.82	190.95	190.59
Highest CH	46.15	46.06	46.04	91.02	91.03	91.10	190.61	190.24	190.11

Mode	DFT-s-OFDM Module 1 NR Band n260 : 99%OBW(MHz)					
BW	300MHz			400MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	289.45	289.22	289.73	389.02	388.45	388.42
Middle CH	288.28	288.72	288.68	388.69	388.56	388.15
Highest CH	289.61	288.23	288.54	389.68	388.64	388.42

Mode	CP-OFDM Module 1 NR Band n260 : 99%OBW(MHz)		
BW	50MHz	100MHz	200MHz
Mod.	QPSK	QPSK	QPSK
Lowest CH	44.60	94.46	193.14
Middle CH	44.65	92.92	192.23
Highest CH	46.06	94.55	192.88

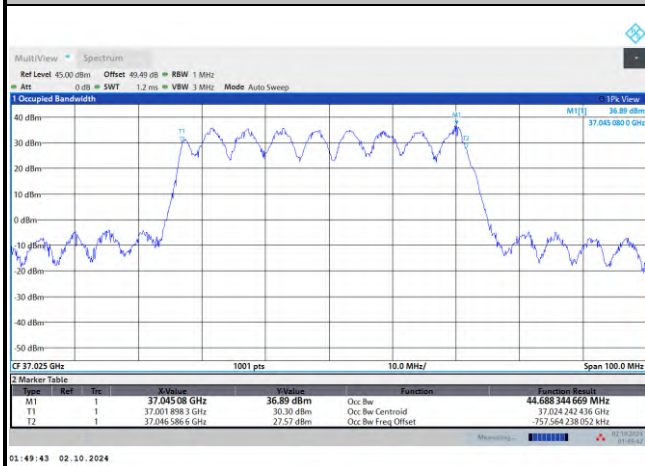
Mode	CP-OFDM Module 1 NR Band n260 : 99%OBW(MHz)	
BW	300MHz	400MHz
Mod.	QPSK	QPSK
Lowest CH	293.03	391.20
Middle CH	292.21	392.16
Highest CH	291.90	391.17



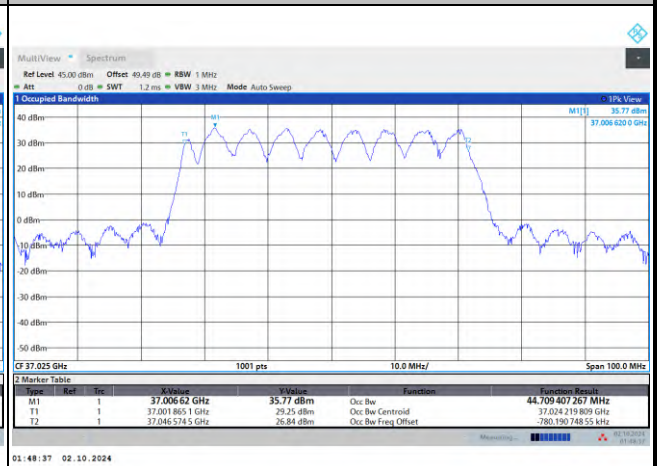
DFT-s-OFDM Module 1

NR Band n260

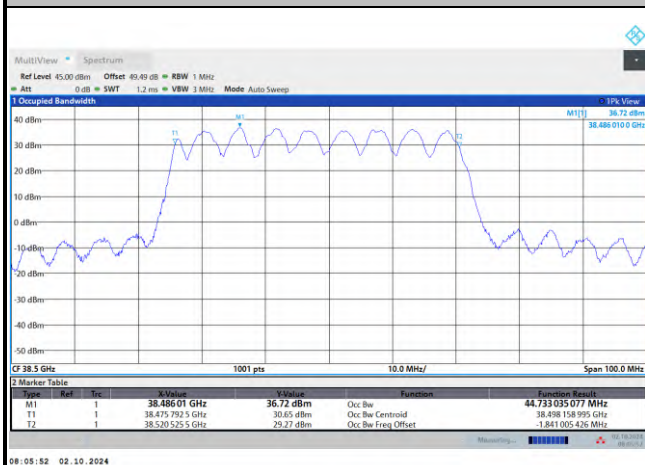
Lowest Channel / 50MHz / QPSK



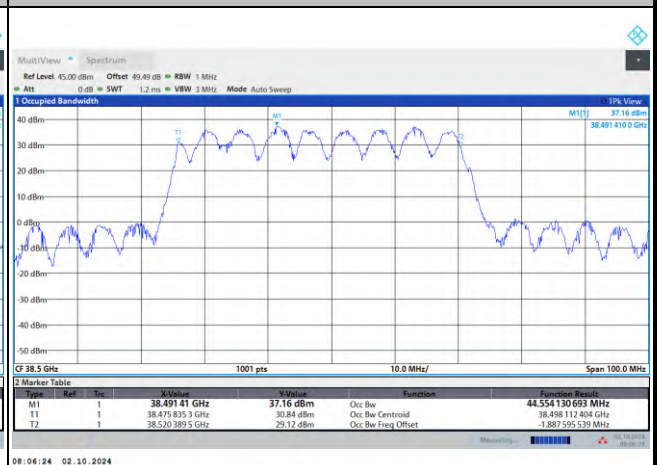
Lowest Channel / 50MHz / 16QAM



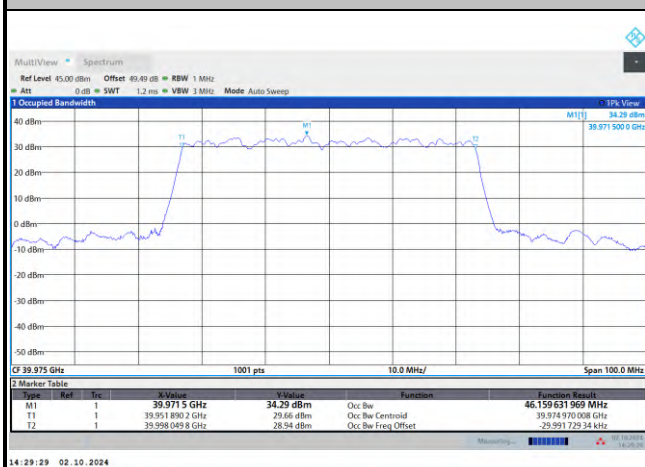
Middle Channel / 50MHz / QPSK



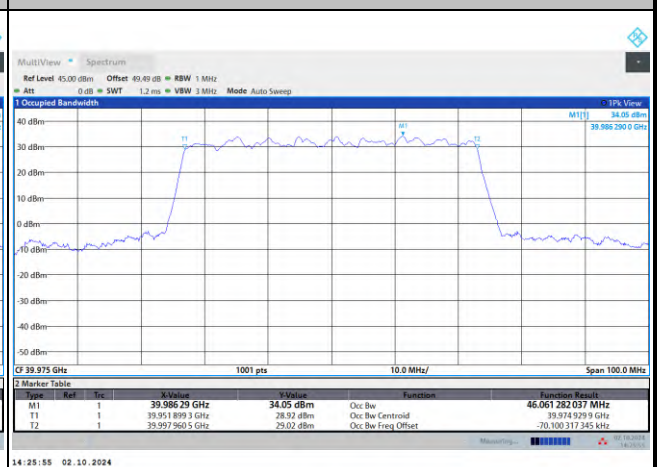
Middle Channel / 50MHz / 16QAM



Highest Channel / 50MHz / QPSK



Highest Channel / 50MHz / 16QAM

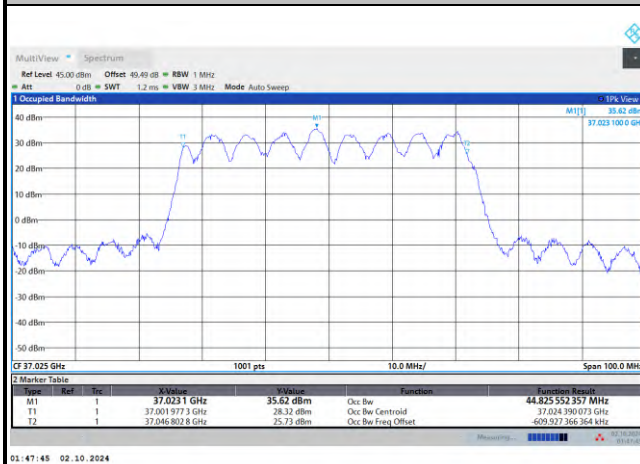




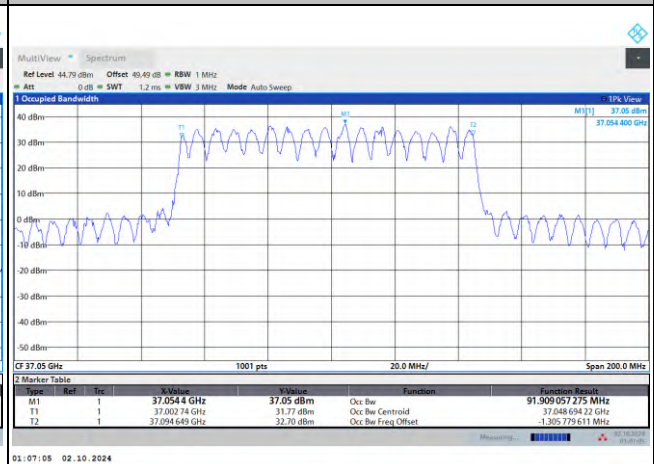
DFT-s-OFDM Module 1

NR Band n260

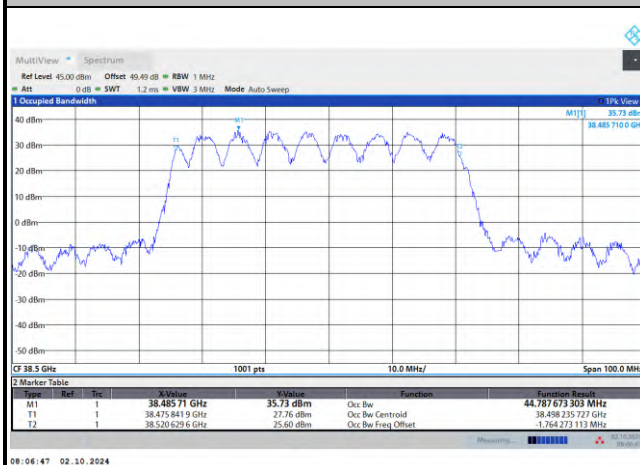
Lowest Channel / 50MHz / 64QAM



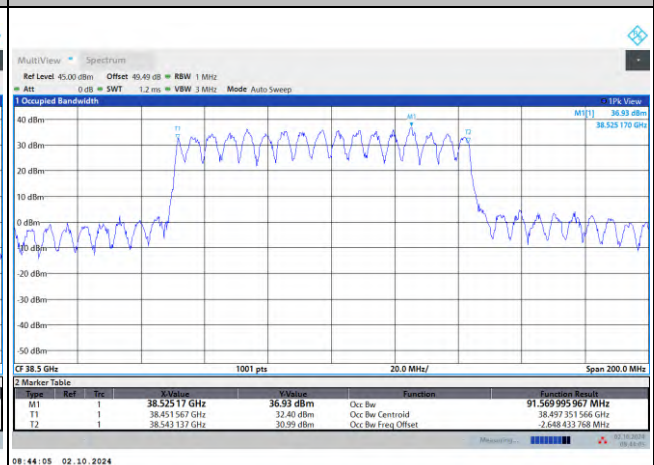
Lowest Channel / 100MHz / QPSK



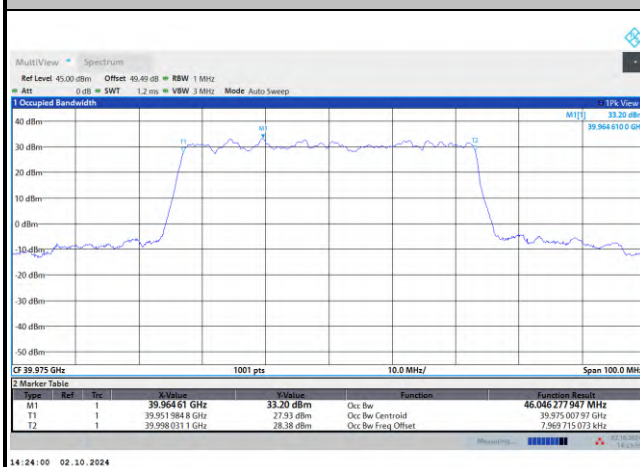
Middle Channel / 50MHz / 64QAM



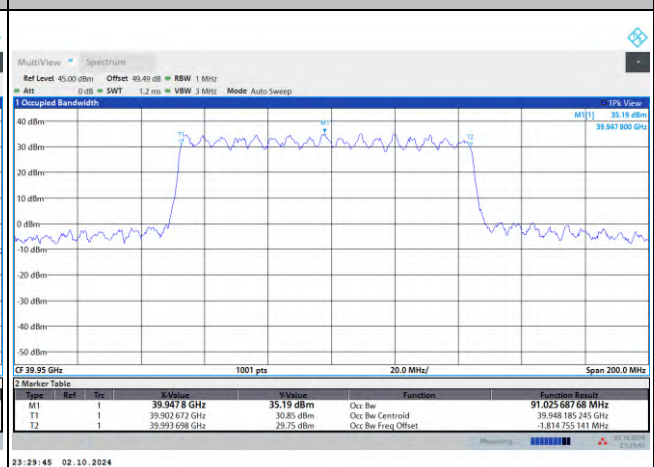
Middle Channel / 100MHz / QPSK



Highest Channel / 50MHz / 64QAM

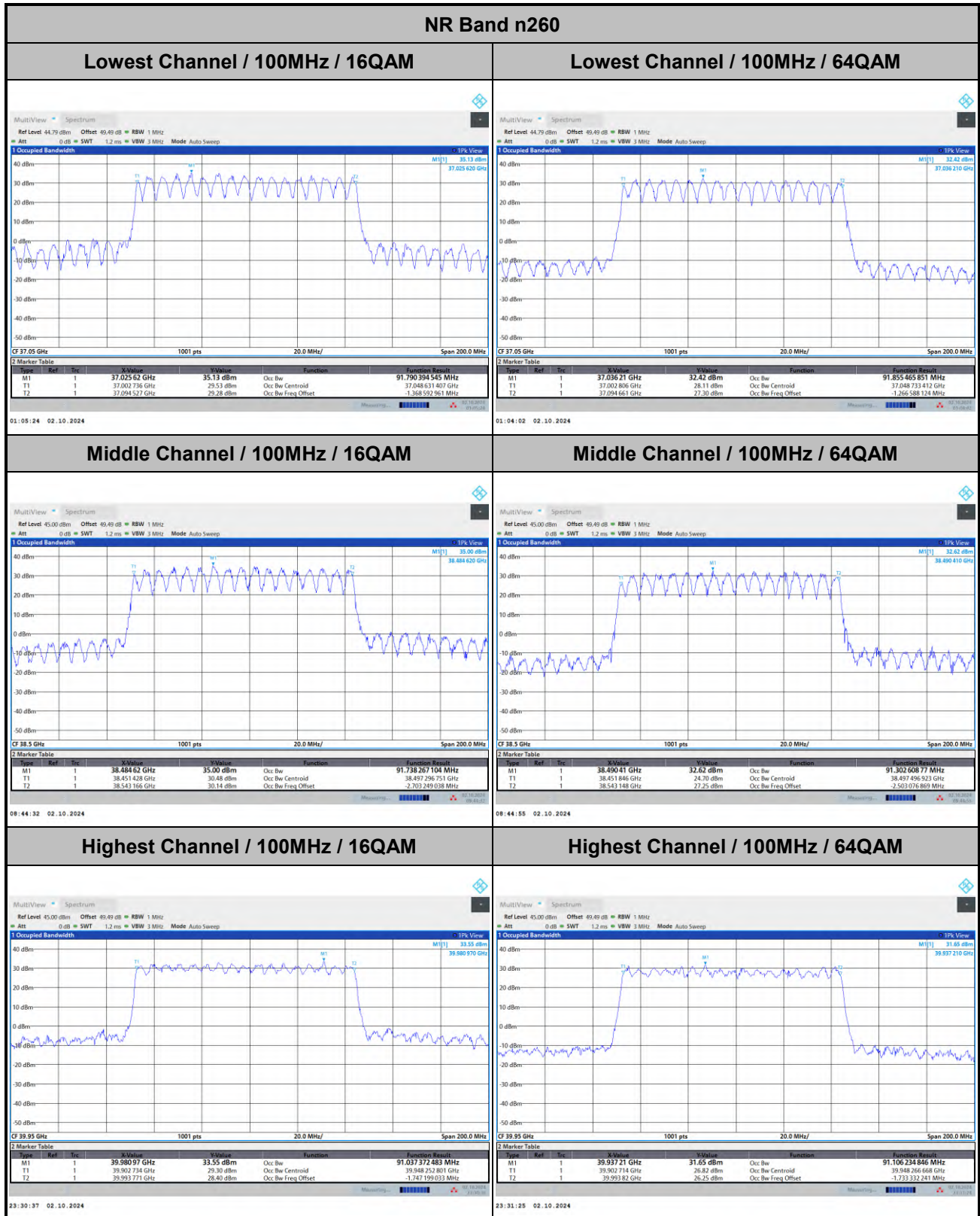


Highest Channel / 100MHz / QPSK





DFT-s-OFDM Module 1

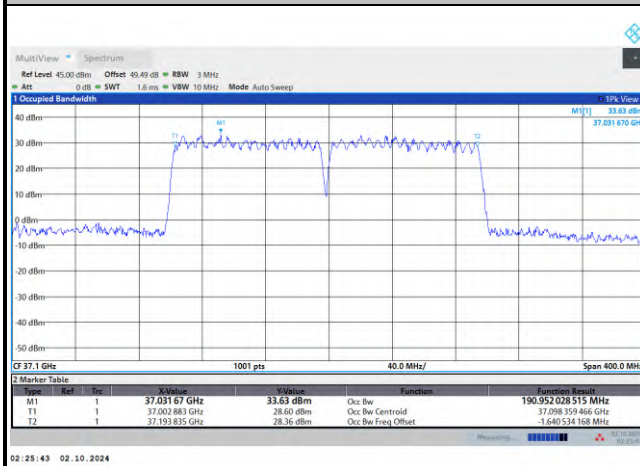




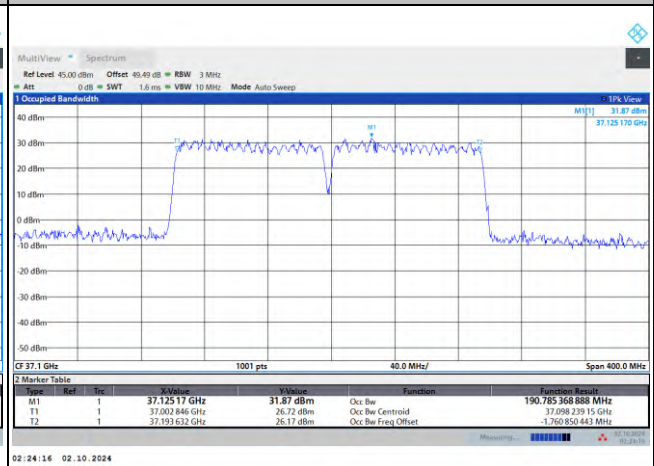
DFT-s-OFDM Module 1

NR Band n260

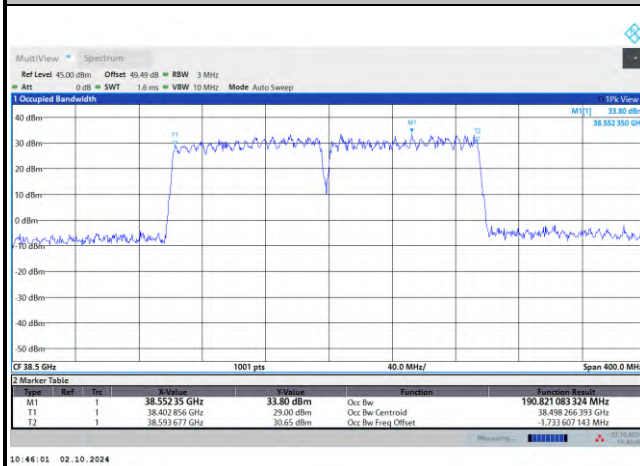
Lowest Channel / 200MHz / QPSK



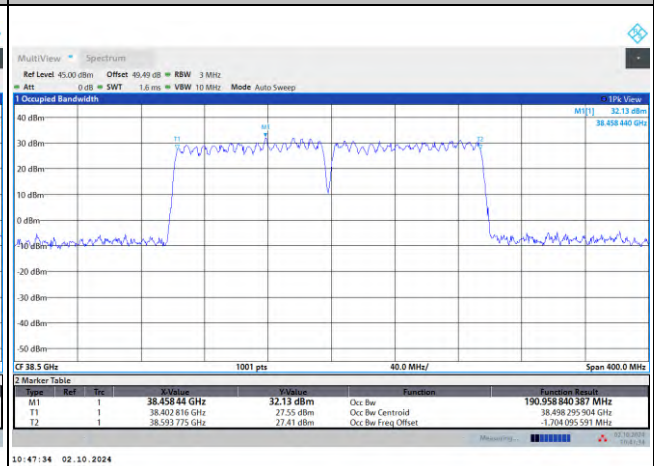
Lowest Channel / 200MHz / 16QAM



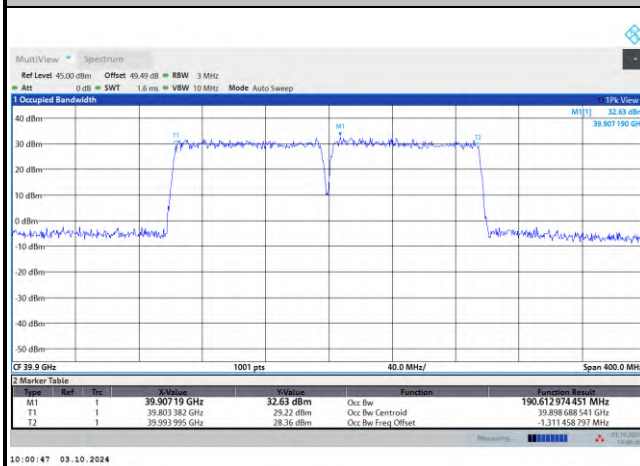
Middle Channel / 200MHz / QPSK



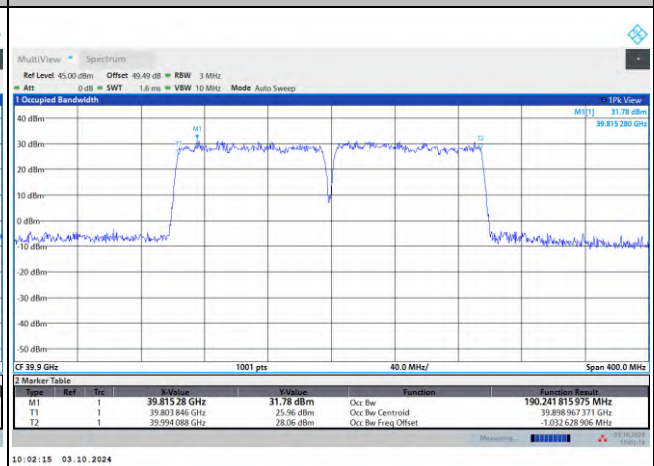
Middle Channel / 200MHz / 16QAM



Highest Channel / 200MHz / QPSK



Highest Channel / 200MHz / 16QAM

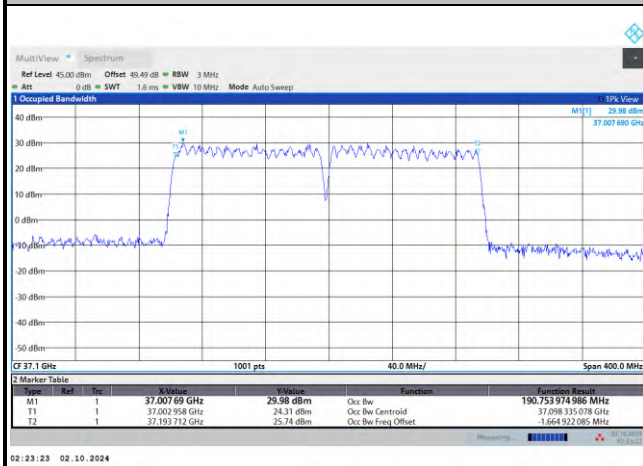




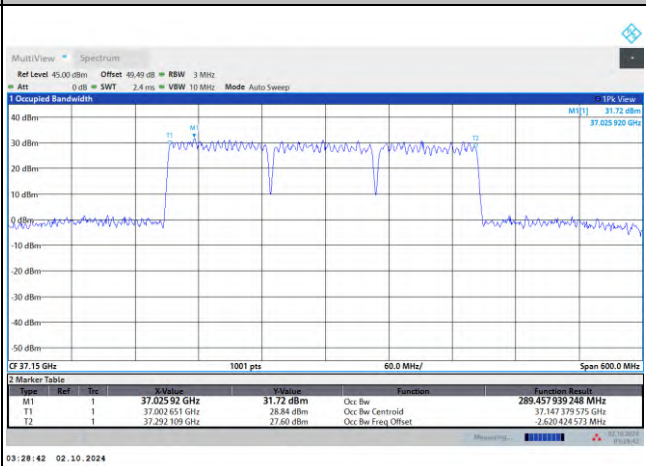
DFT-s-OFDM Module 1

NR Band n260

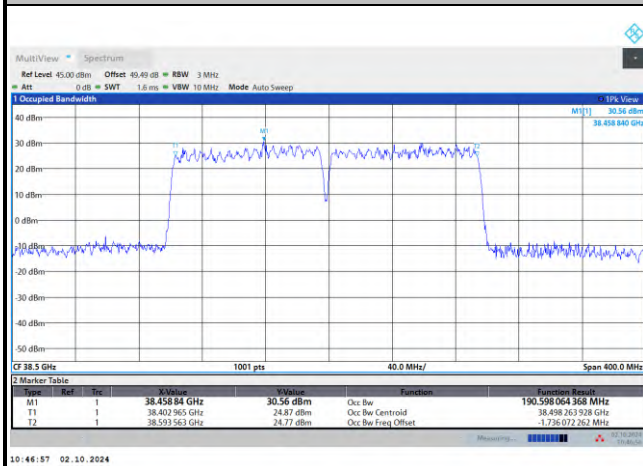
Lowest Channel / 200MHz / 64QAM



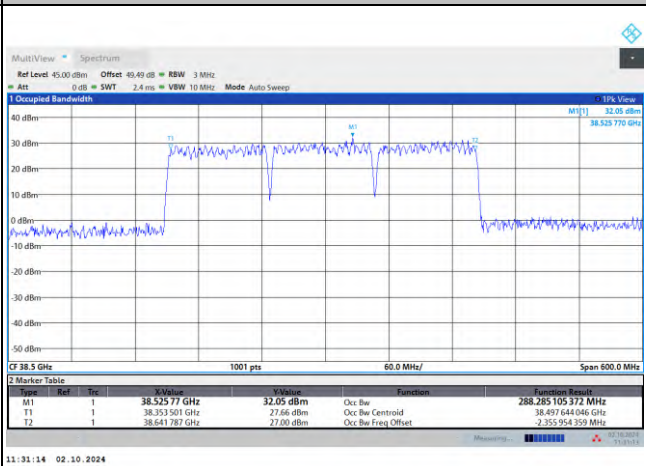
Lowest Channel / 300MHz / QPSK



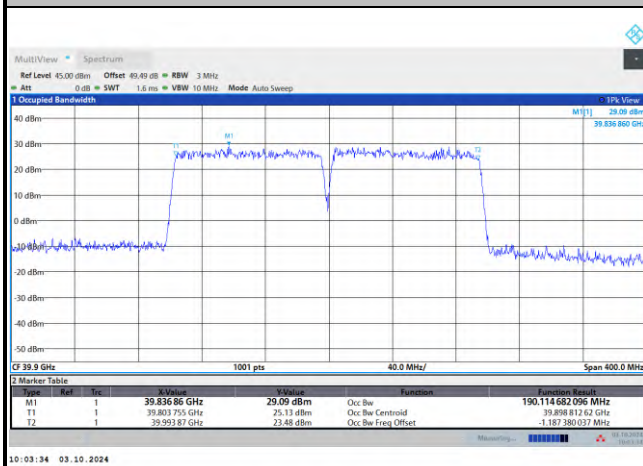
Middle Channel / 200MHz / 64QAM



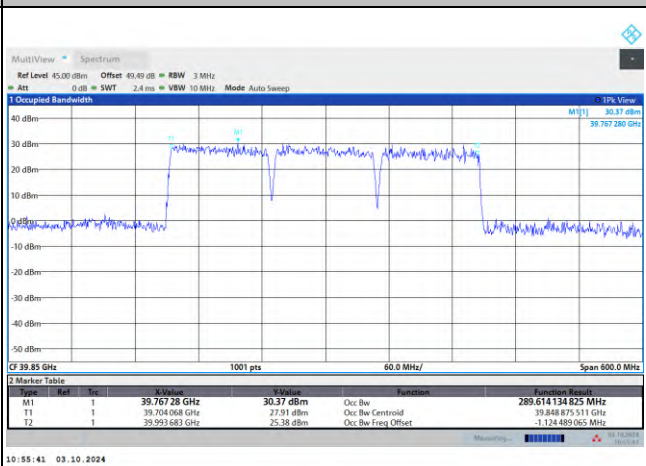
Middle Channel / 300MHz / QPSK



Highest Channel / 200MHz / 64QAM



Highest Channel / 300MHz / QPSK

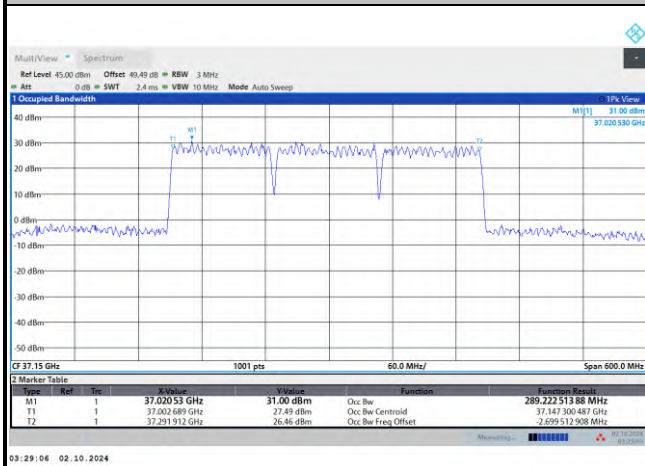




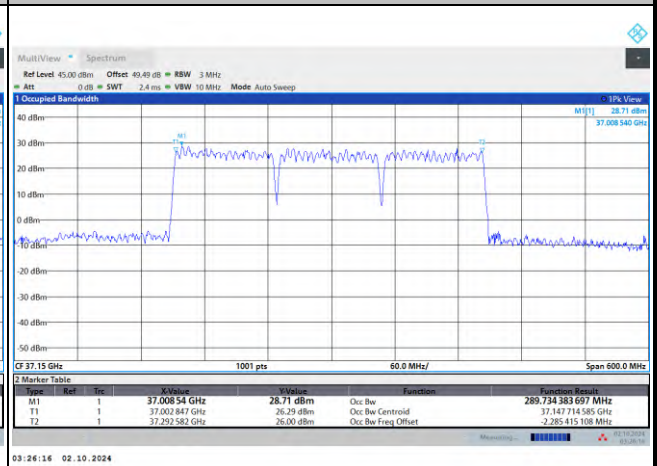
DFT-s-OFDM Module 1

NR Band n260

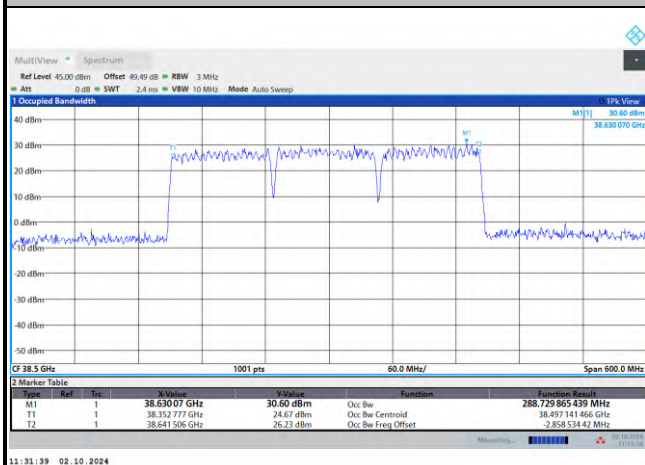
Lowest Channel / 300MHz / 16QAM



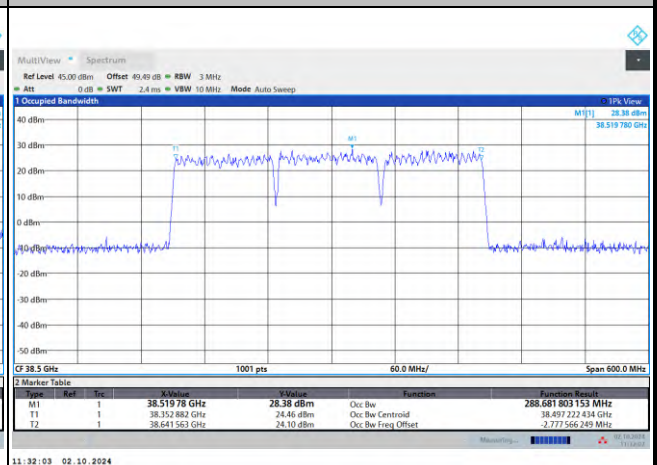
Lowest Channel / 300MHz / 64QAM



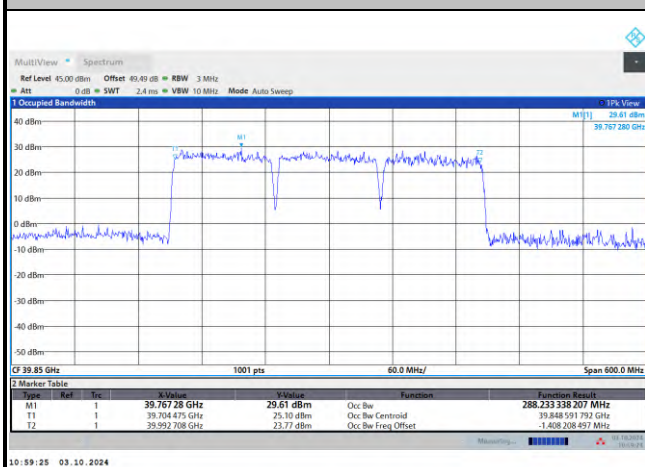
Middle Channel / 300MHz / 16QAM



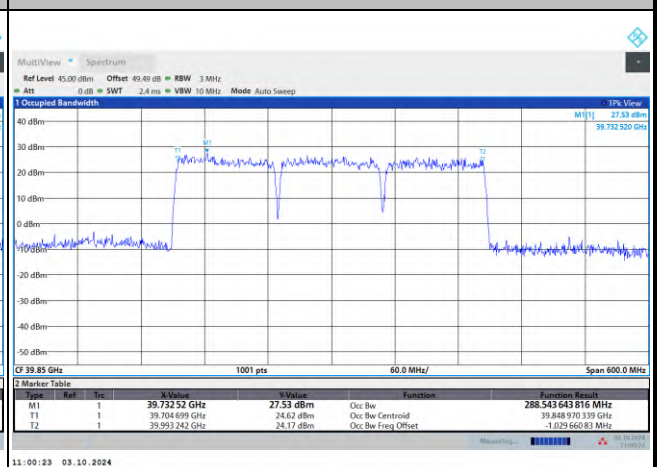
Middle Channel / 300MHz / 64QAM



Highest Channel / 300MHz / 16QAM



Highest Channel / 300MHz / 64QAM

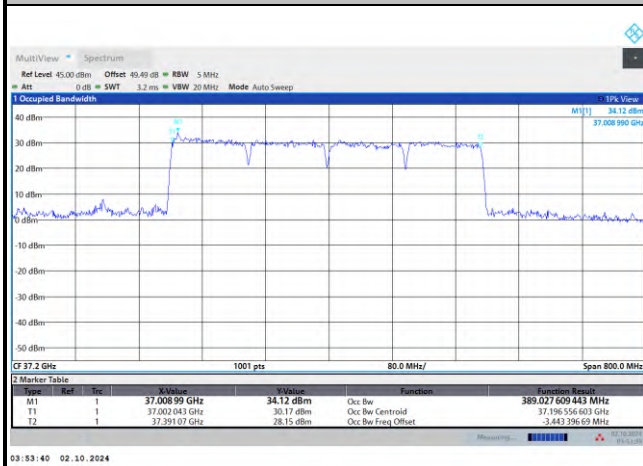




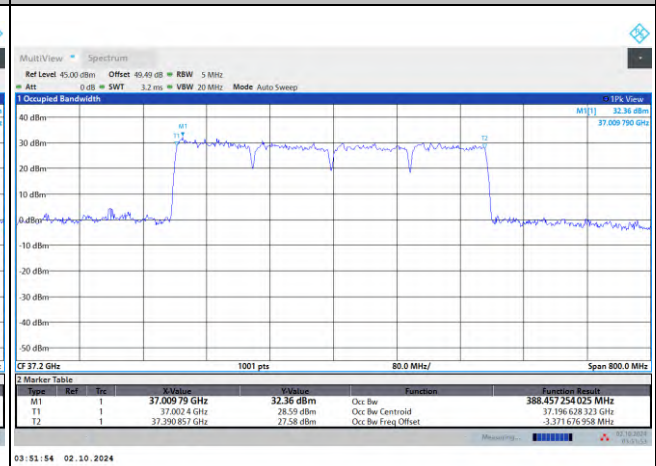
DFT-s-OFDM Module 1

NR Band n260

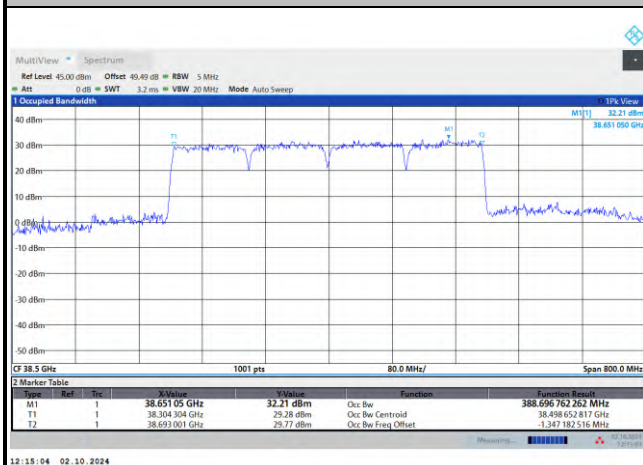
Lowest Channel / 400MHz / QPSK



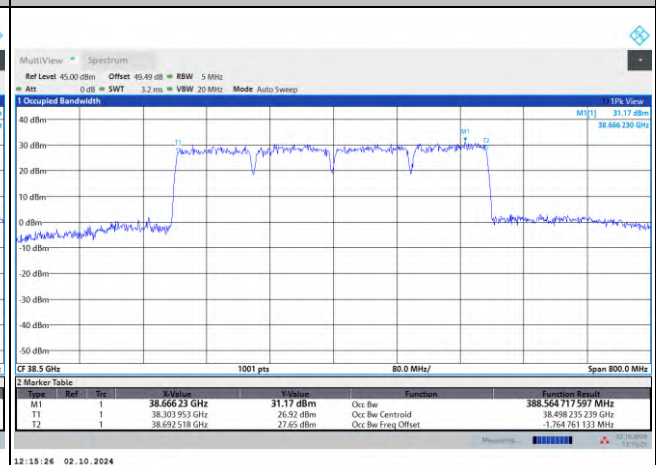
Lowest Channel / 400MHz / 16QAM



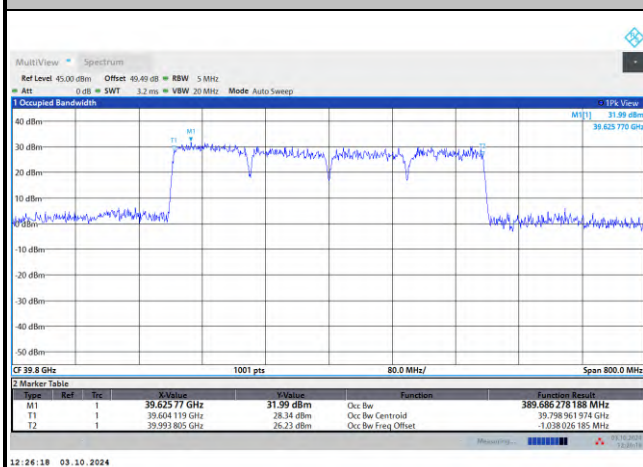
Middle Channel / 400MHz / QPSK



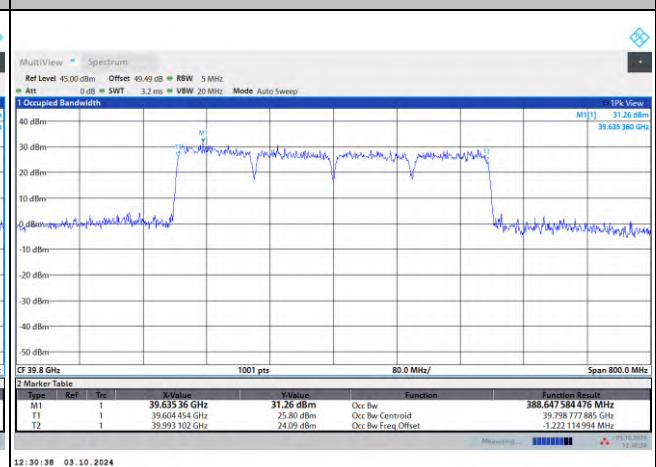
Middle Channel / 400MHz / 16QAM



Highest Channel / 400MHz / QPSK



Highest Channel / 400MHz / 16QAM

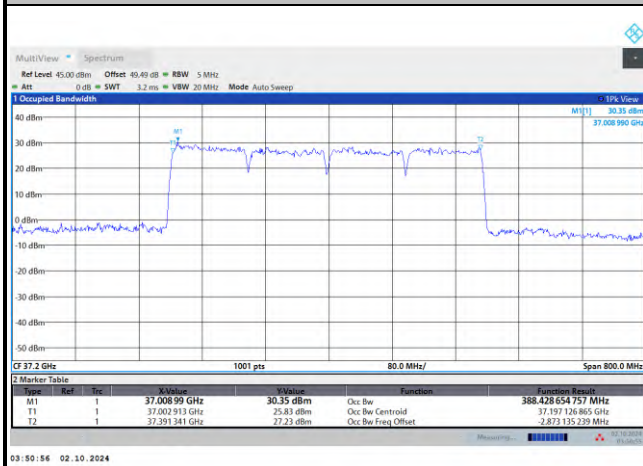




DFT-s-OFDM Module 1

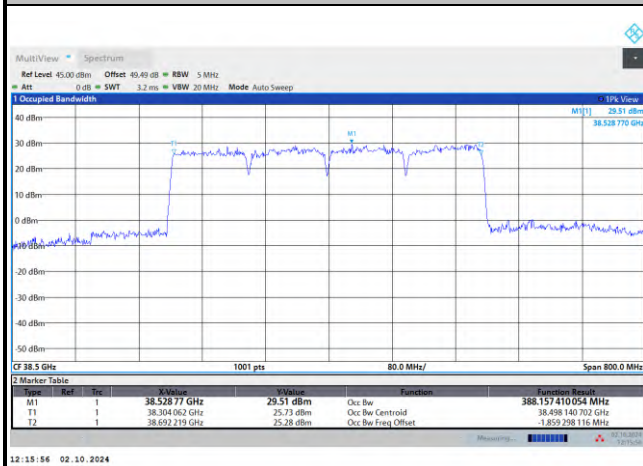
NR Band n260

Lowest Channel / 400MHz / 64QAM



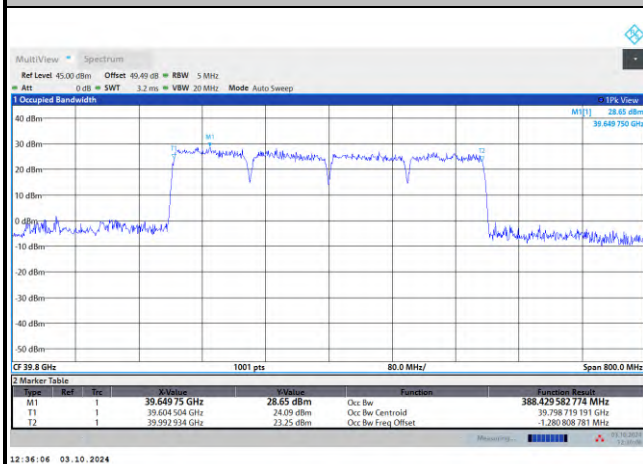
intentionally blank

Middle Channel / 400MHz / 64QAM



intentionally blank

Highest Channel / 400MHz / 64QAM



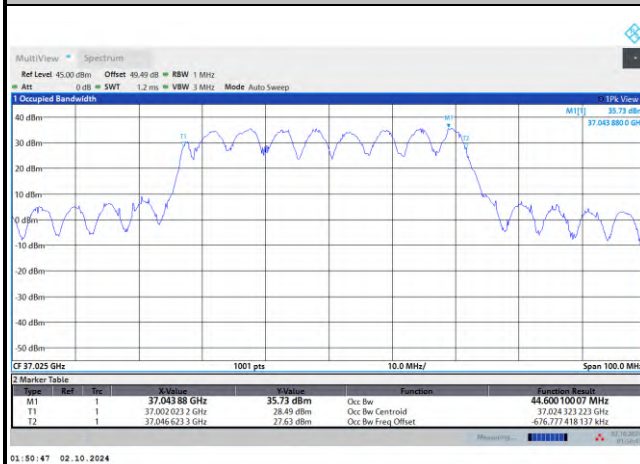
intentionally blank



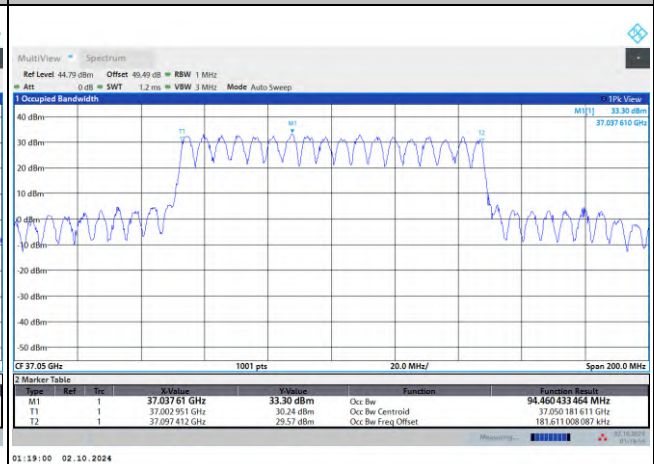
CP-OFDM Module 1

NR Band n260

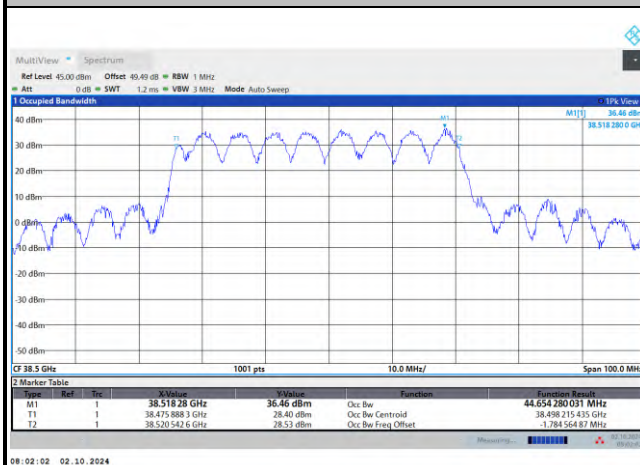
Lowest Channel / 50MHz / QPSK



Lowest Channel / 100MHz / QPSK



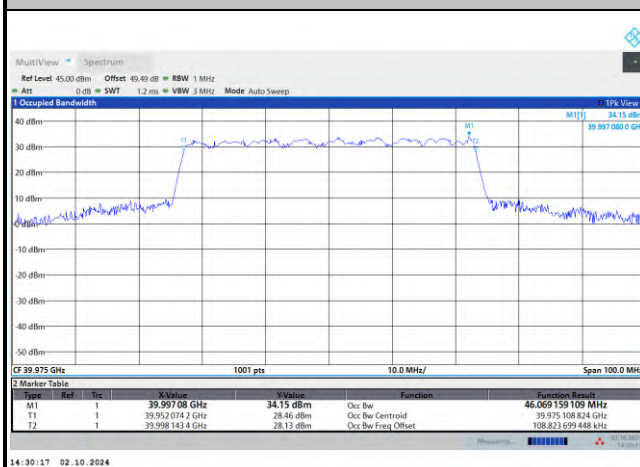
Middle Channel / 50MHz / QPSK



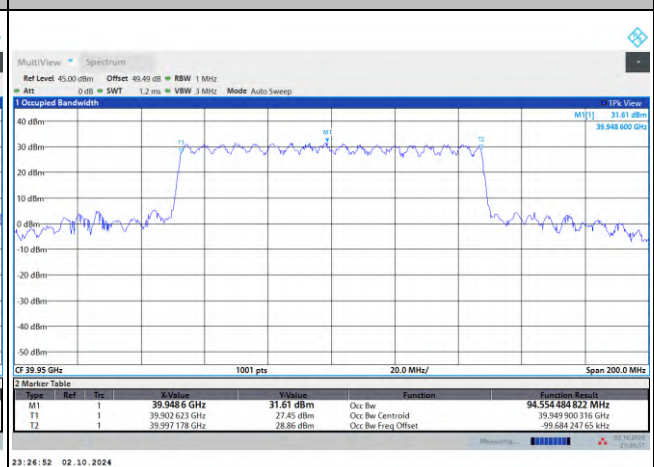
Middle Channel / 100MHz / QPSK



Highest Channel / 50MHz / QPSK



Highest Channel / 100MHz / QPSK

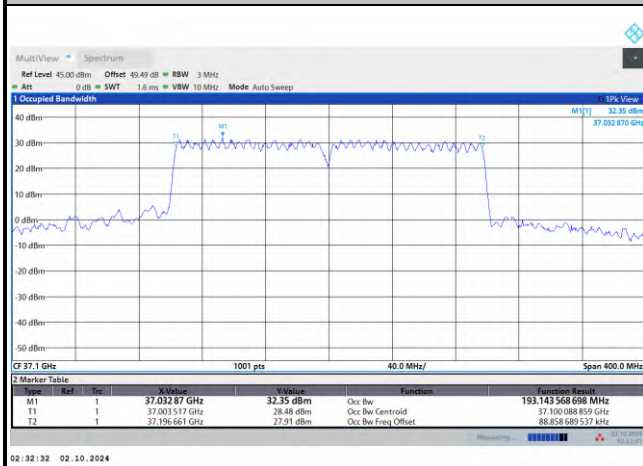




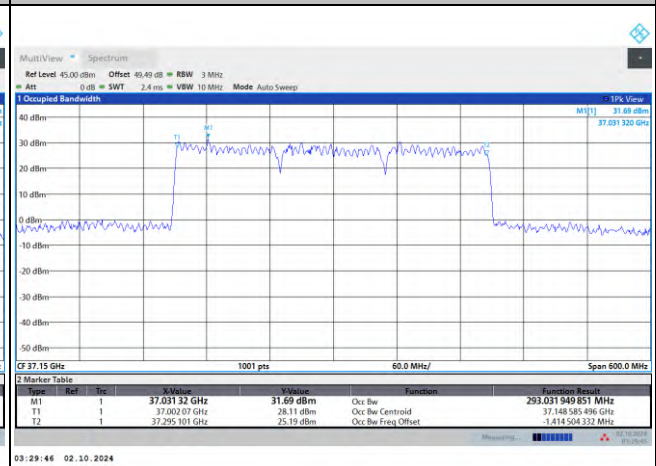
CP-OFDM Module 1

NR Band n260

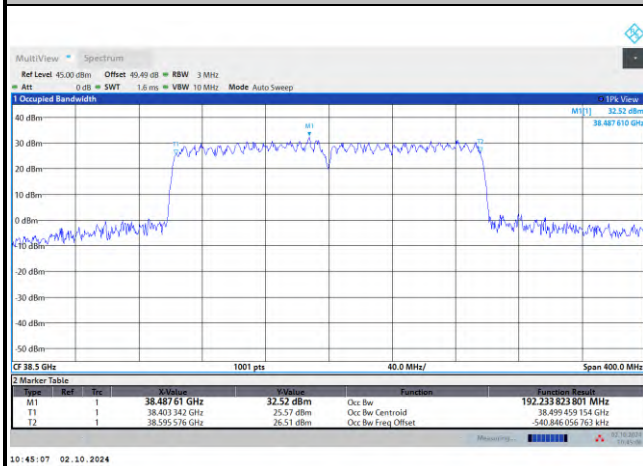
Lowest Channel / 200MHz / QPSK



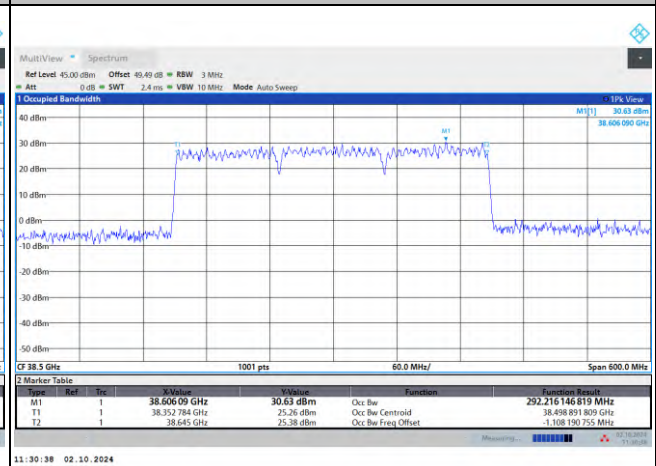
Lowest Channel / 300MHz / QPSK



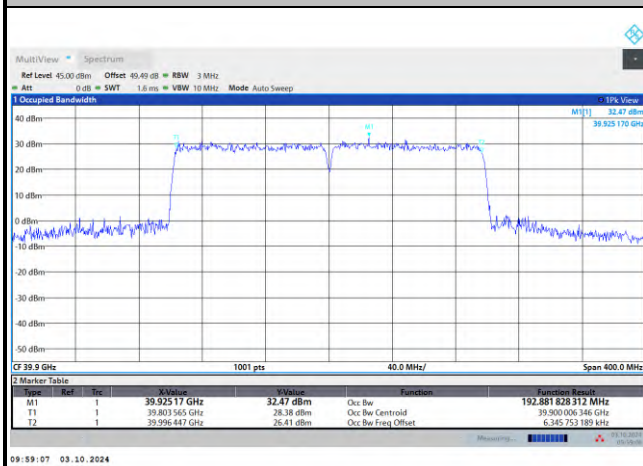
Middle Channel / 200MHz / QPSK



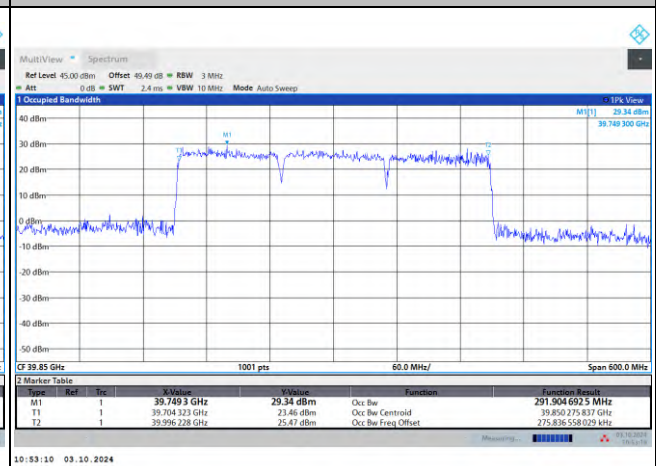
Middle Channel / 300MHz / QPSK



Highest Channel / 200MHz / QPSK

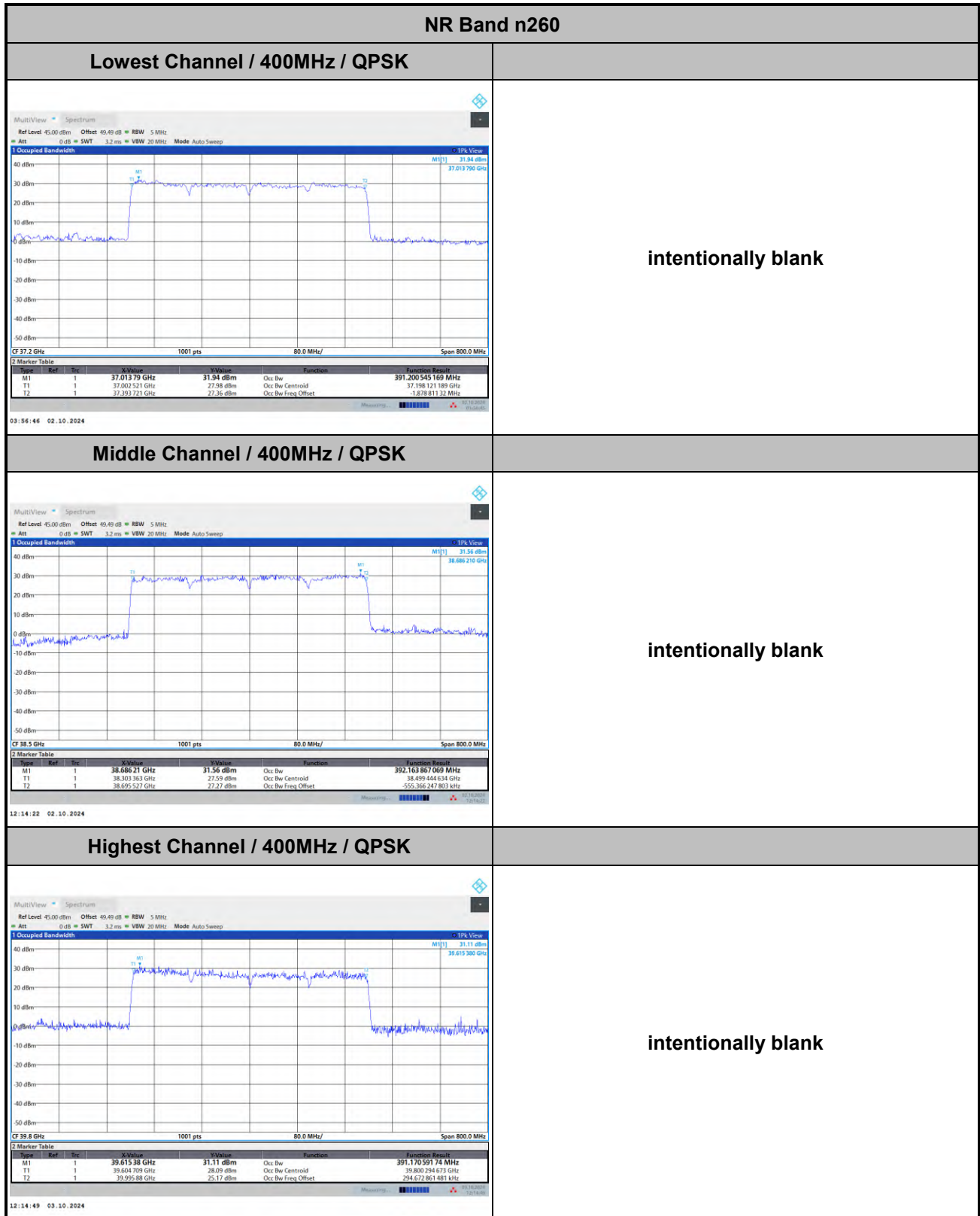


Highest Channel / 300MHz / QPSK





CP-OFDM Module 1



Radiated Out of Band Emissions

Mode			DFT-s-OFDM Module 1 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	-14.355	-15.906	-16.413	-14.288	-15.028	-13.869	-20.233	-20.194	-20.052
	>10%OB	≤-13	-25.571	-25.757	-25.783	-26.374	-26.302	-26.360	-21.401	-20.530	-20.730
High CH	0~10%OB	≤-5	-17.921	-16.766	-15.701	-14.372	-15.249	-14.863	-8.95	-7.66	-7.74
	>10%OB	≤-13	-23.530	-23.466	-23.470	-30.321	-30.357	-30.216	-17.75	-13.92	-15.11
Result			Compliance								

Mode			DFT-s-OFDM Module 1 NR Band n260 : BE (dBm) 1 RB					
BW			300MHz			400MHz		
Limit (dBm)			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Low CH	0~10%OB	≤-5	-21.379	-22.037	-22.424	-23.123	-21.789	-21.691
	>10%OB	≤-13	-20.325	-19.089	-18.404	-17.239	-17.154	-17.695
High CH	0~10%OB	≤-5	-22.684	-24.881	-22.310	-24.772	-24.167	-23.049
	>10%OB	≤-13	-23.430	-20.570	-21.415	-20.437	-20.108	-21.201
Result			Compliance					

Mode			CP-OFDM Module 1 NR Band n260 : BE (dBm) 1 RB		
BW			50MHz	100MHz	200MHz
Limit (dBm)			QPSK	QPSK	QPSK
Low CH	0~10%OB	≤-5	-16.462	-15.131	-19.647
	>10%OB	≤-13	-25.666	-26.350	-18.583
High CH	0~10%OB	≤-5	-16.514	-12.039	-21.714
	>10%OB	≤-13	-23.571	-30.402	-22.219
Result			Compliance		

Mode			CP-OFDM Module 1 NR Band n260 : BE (dBm) 1 RB	
BW			300MHz	400MHz
Limit (dBm)			QPSK	QPSK
Low CH	0~10%OB	≤-5	-23.012	-23.916
	>10%OB	≤-13	-16.008	-16.076
High CH	0~10%OB	≤-5	-22.394	-22.020
	>10%OB	≤-13	-20.117	-17.955
Result			Compliance	

Mode			DFT-s-OFDM Module 1 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	-9.37	-9.88	-11.57	-19.605	-22.341	-11.81	-12.08	-13.10	-15.92
	>10%OB	≤ -13	-17.17	-15.74	-18.35	-19.392	-22.584	-18.85	-14.46	-15.89	-18.44
High CH	0~10%OB	≤ -5	-10.41	-10.04	-12.21	-20.100	-11.69	-19.19	-15.88	-18.66	-24.05
	>10%OB	≤ -13	-16.63	-15.21	-18.08	-19.541	-13.12	-20.74	-15.69	-18.39	-23.04
Result			Compliance								

Mode			DFT-s-OFDM Module 1 NR Band n260 : BE (dBm) Full RB					
BW			300MHz			400MHz		
Limit (dBm)			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Low CH	0~10%OB	≤ -5	-24.852	-13.94	-13.65	-24.430	-13.53	-17.10
	>10%OB	≤ -13	-22.799	-13.88	-16.51	-22.380	-13.55	-17.12
High CH	0~10%OB	≤ -5	-26.415	-15.36	-19.78	-25.025	-14.03	-18.60
	>10%OB	≤ -13	-23.691	-14.96	-20.33	-23.013	-13.82	-18.04
Result			Compliance					

Mode			CP-OFDM Module 1 NR Band n260 : BE (dBm) Full RB		
BW			50MHz	100MHz	200MHz
Limit (dBm)			QPSK	QPSK	QPSK
Low CH	0~10%OB	≤ -5	-19.902	-19.548	-12.76
	>10%OB	≤ -13	-18.791	-18.543	-15.04
High CH	0~10%OB	≤ -5	-20.252	-20.164	-14.44
	>10%OB	≤ -13	-18.925	-18.315	-16.46
Result			Compliance		

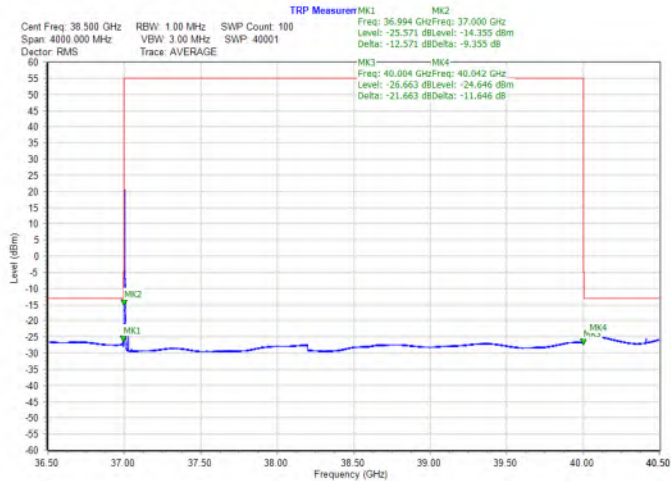
Mode			CP-OFDM Module 1 NR Band n260 : BE (dBm) Full RB	
BW			300MHz	400MHz
Limit (dBm)			QPSK	QPSK
Low CH	0~10%OB	≤ -5	-12.84	-13.01
	>10%OB	≤ -13	-13.61	-13.56
High CH	0~10%OB	≤ -5	-13.11	-14.09
	>10%OB	≤ -13	-15.09	-14.34
Result			Compliance	



DFT-s-OFDM Module 1

NR Band n260 / 50MHz / QPSK

Lowest Band Edge / 1 RB

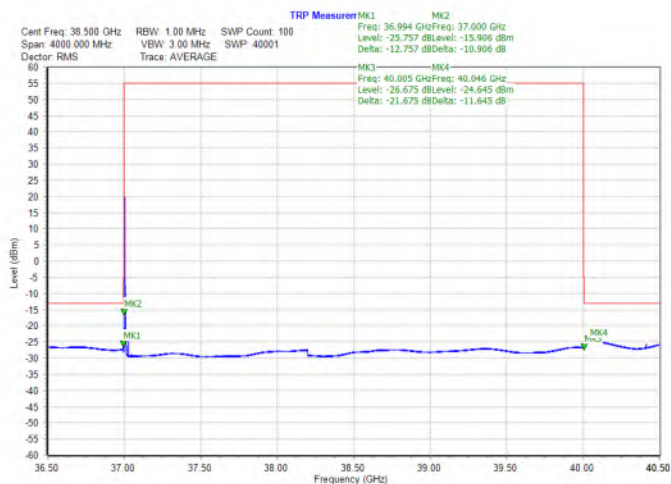


Highest Band Edge / 1 RB

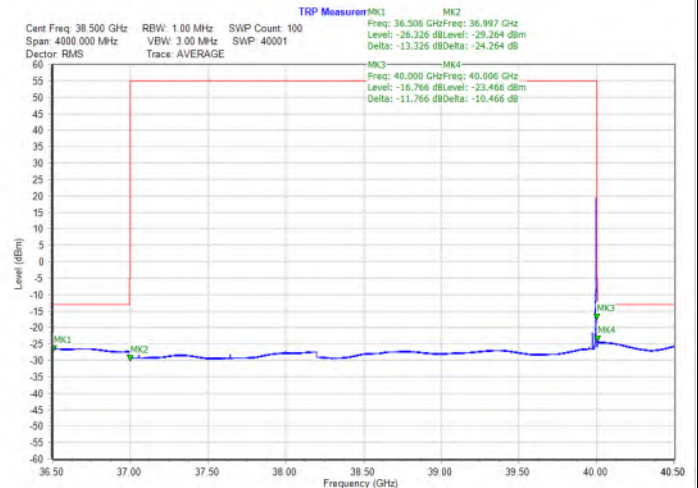


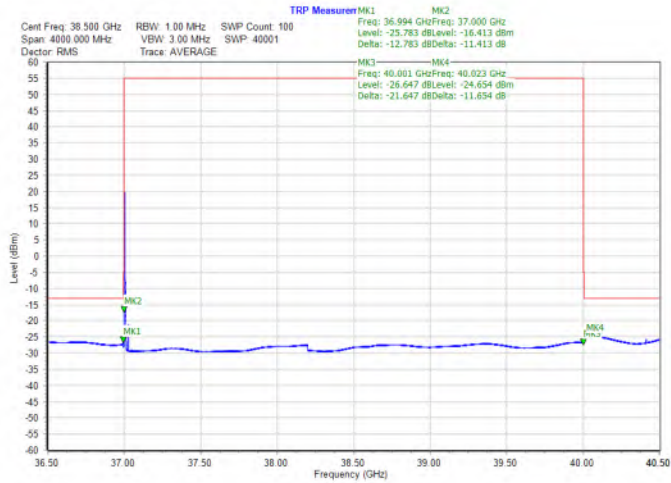
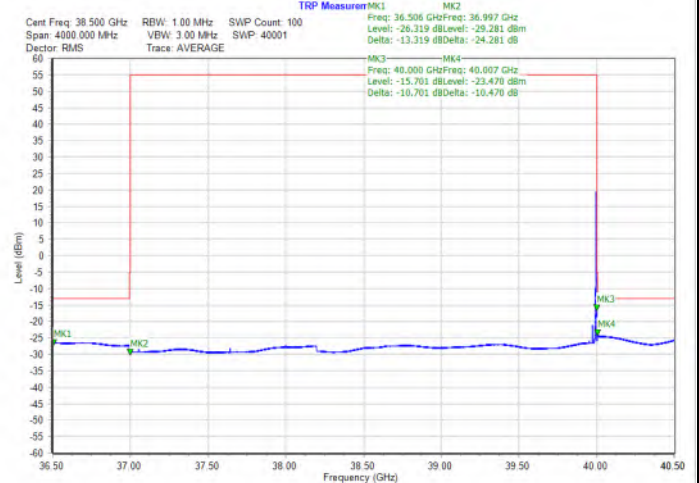
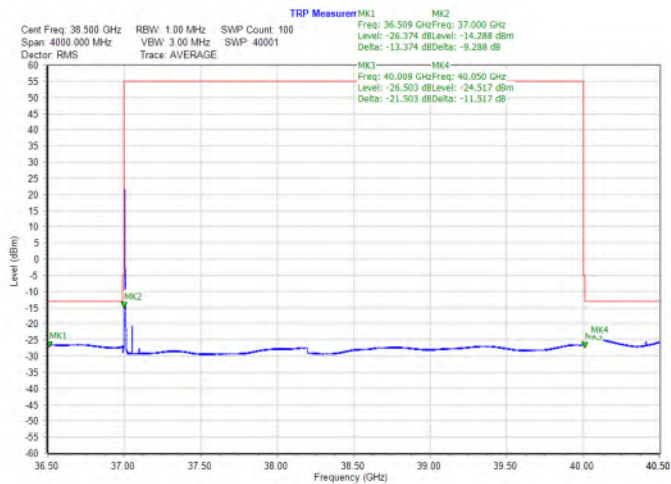
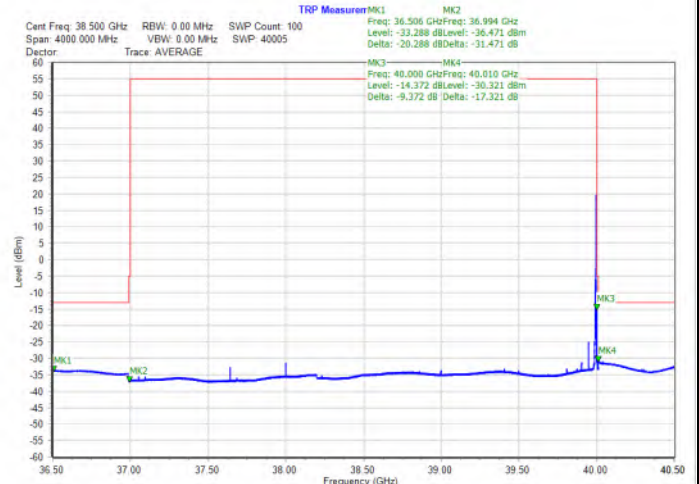
NR Band n260 / 50MHz / 16QAM

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



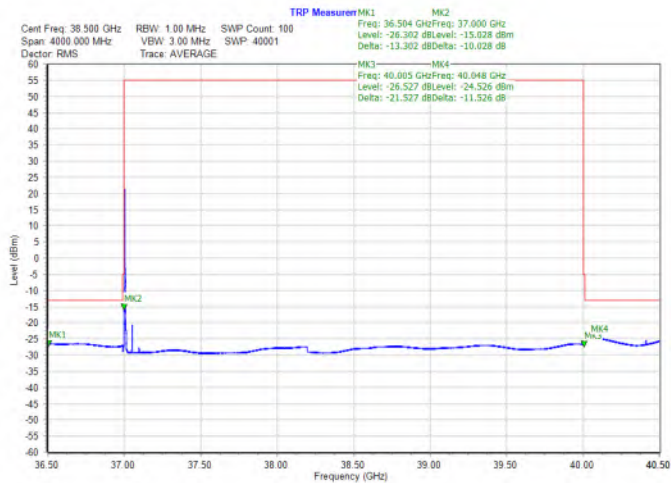
**DFT-s-OFDM Module 1****NR Band n260 / 50MHz / 64QAM****Lowest Band Edge / 1 RB****Highest Band Edge / 1 RB****NR Band n260 / 100MHz / QPSK****Lowest Band Edge / 1 RB****Highest Band Edge / 1 RB**



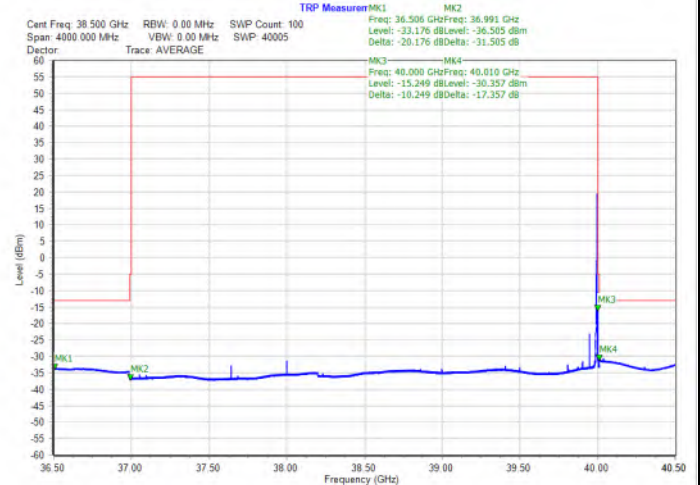
DFT-s-OFDM Module 1

NR Band n260 / 100MHz / 16QAM

Lowest Band Edge / 1 RB

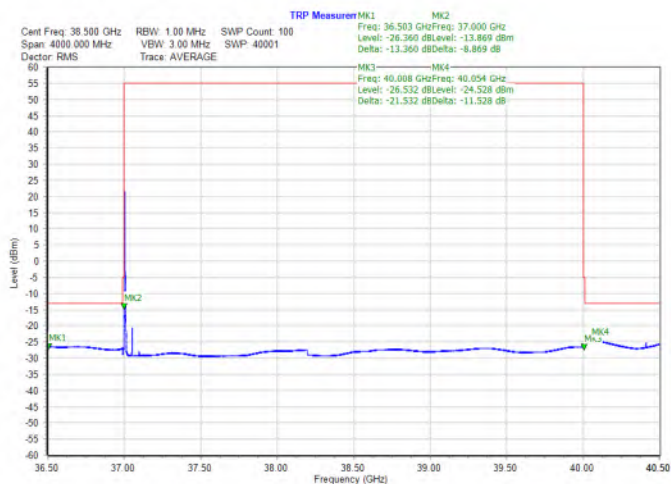


Highest Band Edge / 1 RB

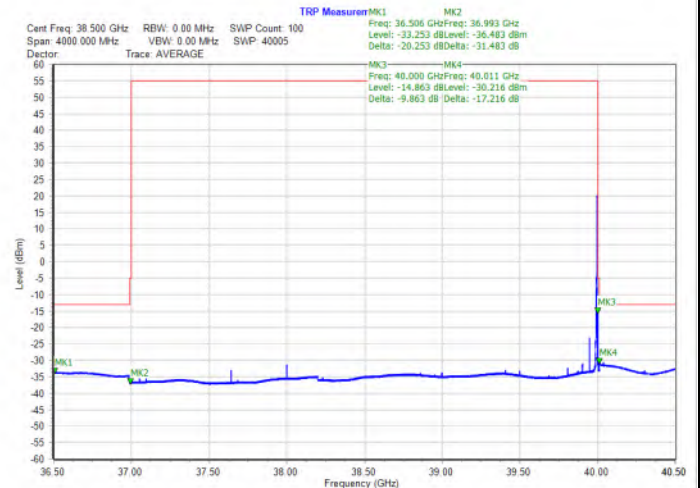


NR Band n260 / 100MHz / 64QAM

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB

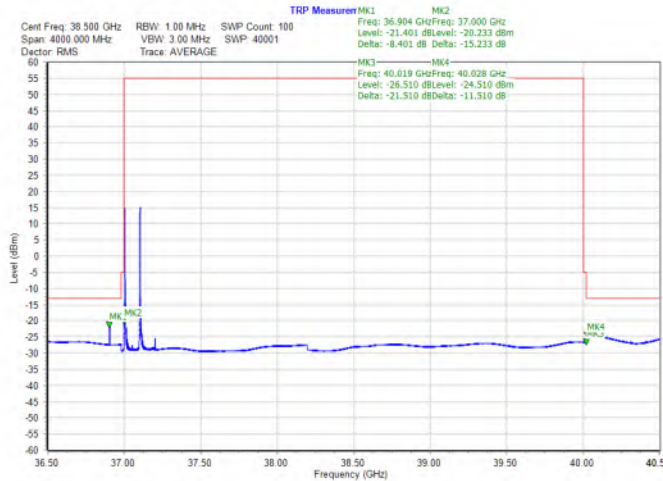




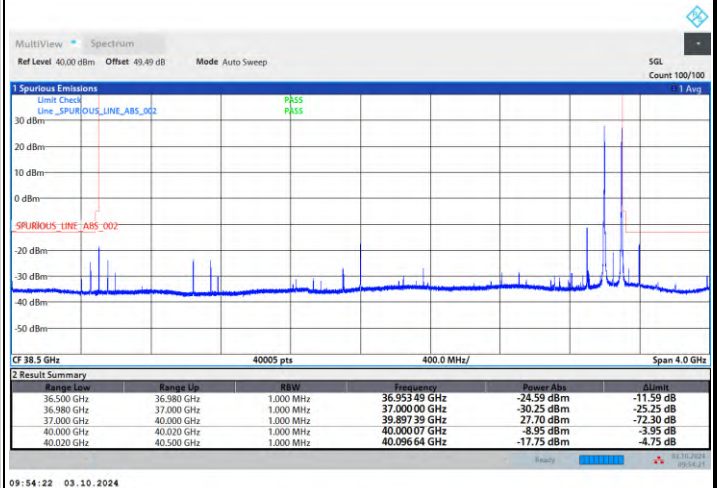
DFT-s-OFDM Module 1

NR Band n260 / 200MHz / QPSK

Lowest Band Edge / 1 RB

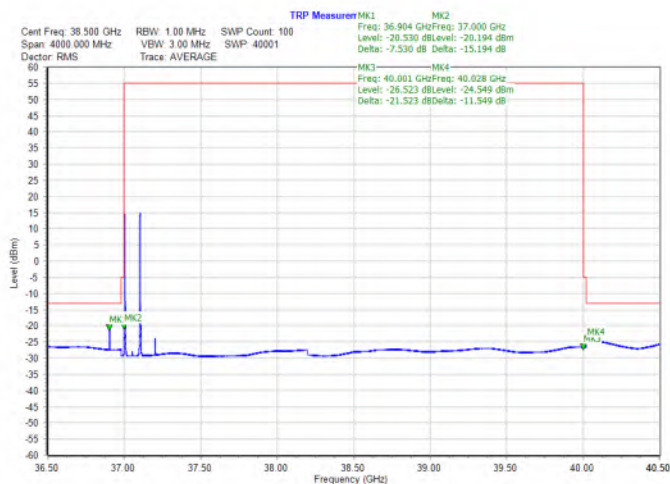


Highest Band Edge / 1 RB

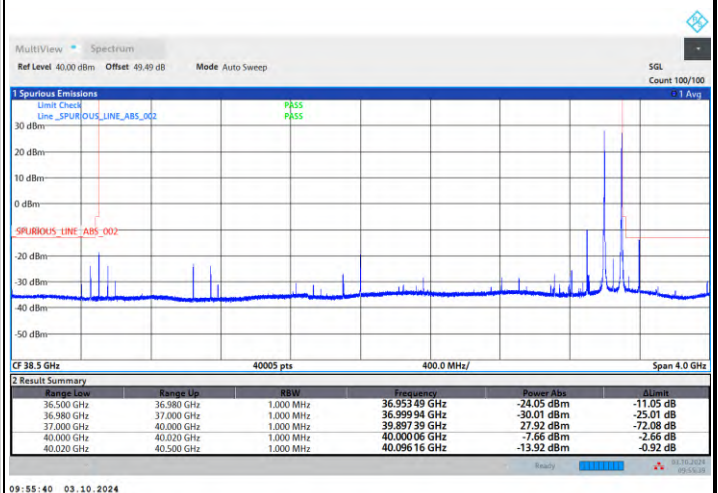


NR Band n260 / 200MHz / 16QAM

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB

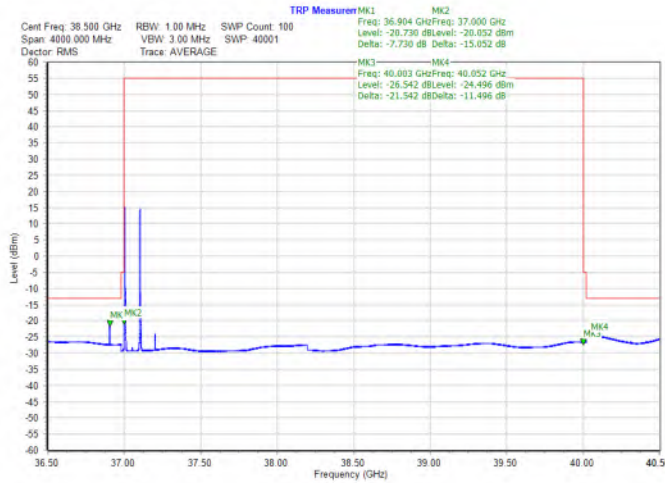




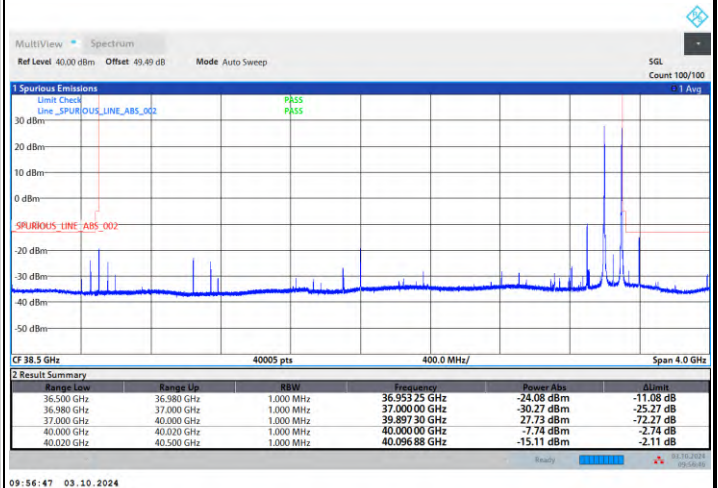
DFT-s-OFDM Module 1

NR Band n260 / 200MHz / 64QAM

Lowest Band Edge / 1 RB

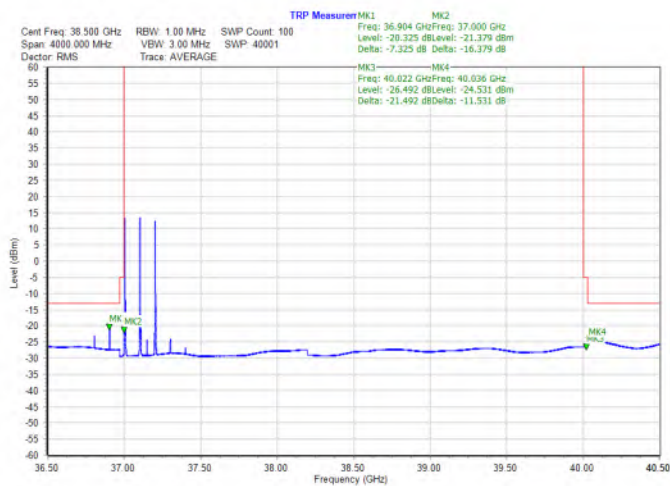


Highest Band Edge / 1 RB

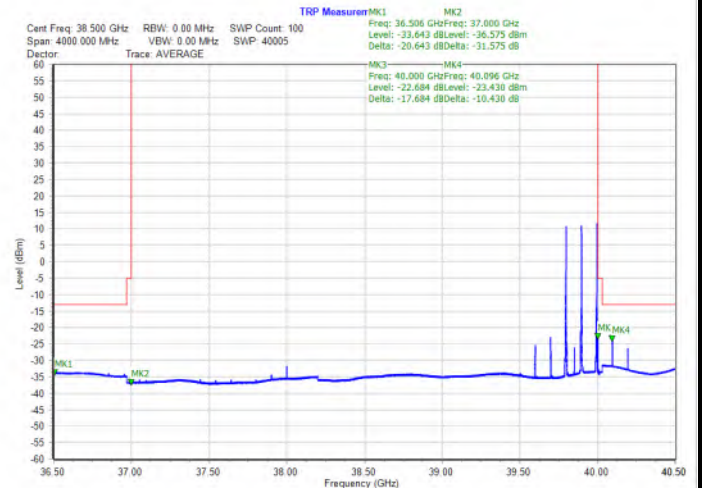


NR Band n260 / 300MHz / QPSK

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB

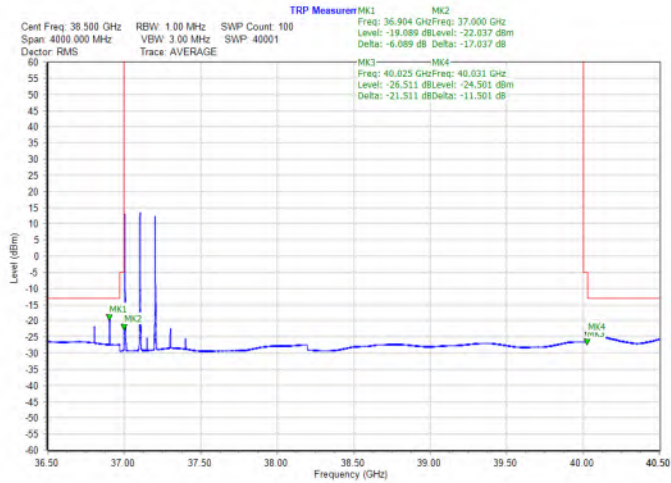




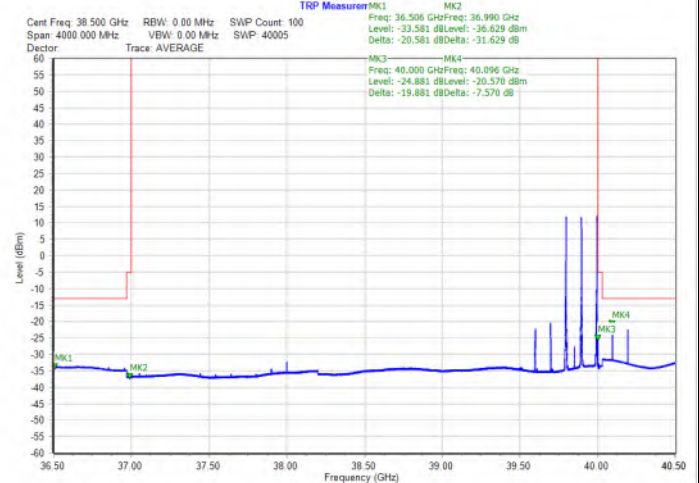
DFT-s-OFDM Module 1

NR Band n260 / 300MHz / 16QAM

Lowest Band Edge / 1 RB

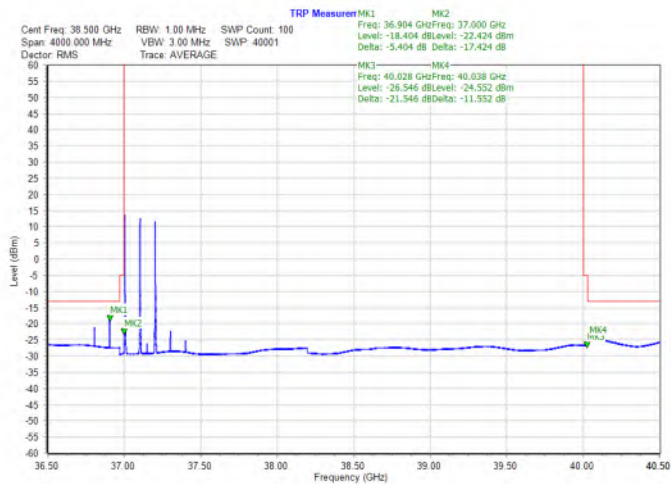


Highest Band Edge / 1 RB

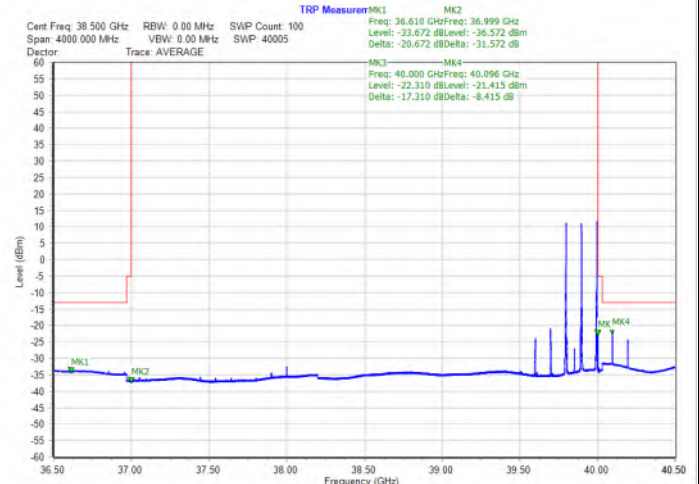


NR Band n260 / 300MHz / 64QAM

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB

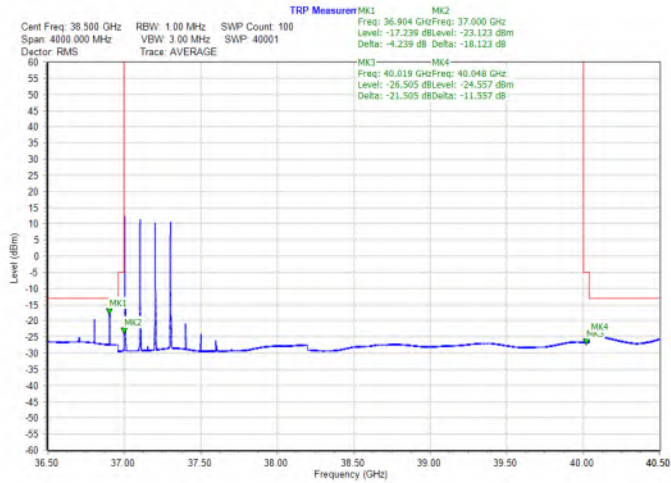




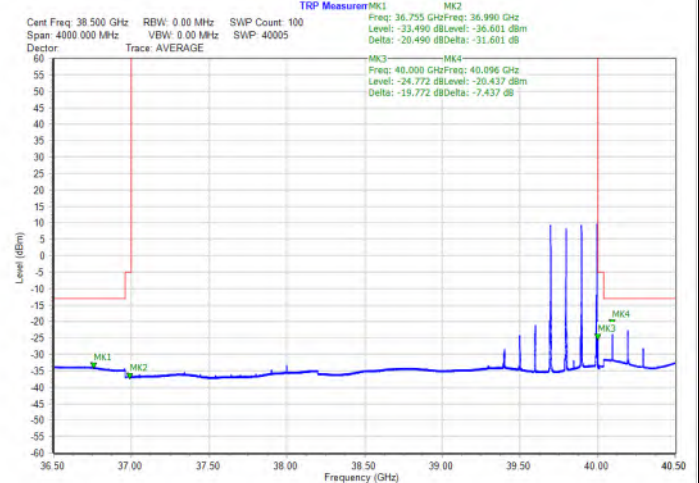
DFT-s-OFDM Module 1

NR Band n260 / 400MHz / QPSK

Lowest Band Edge / 1 RB

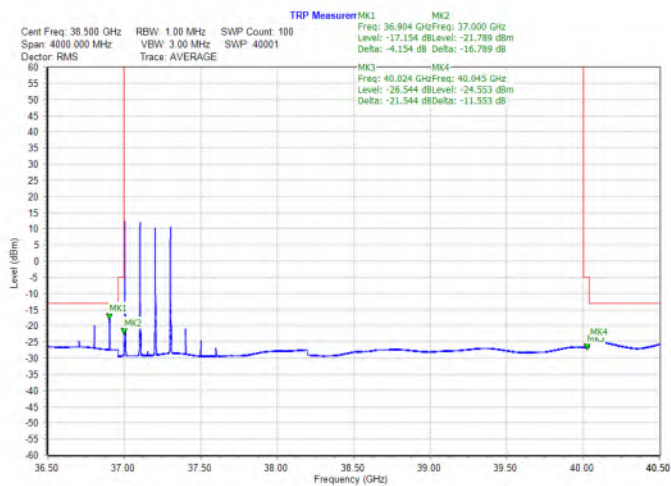


Highest Band Edge / 1 RB

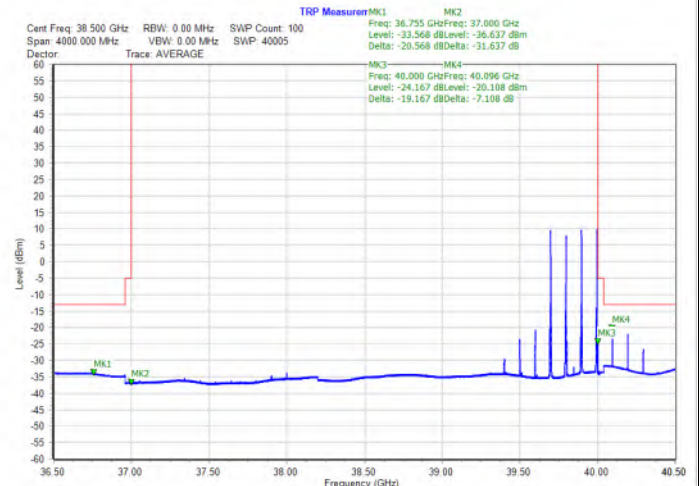


NR Band n260 / 400MHz / 16QAM

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB





DFT-s-OFDM Module 1

NR Band n260 / 400MHz / 64QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

