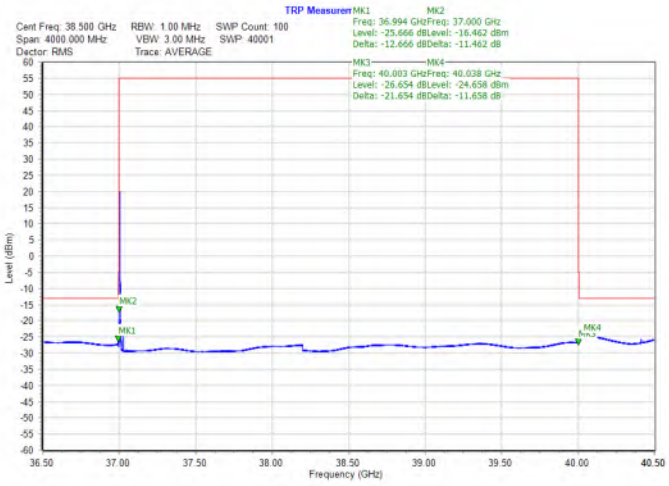
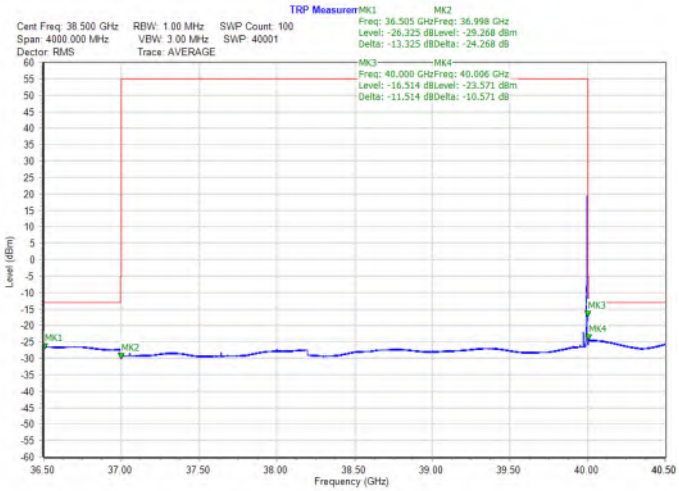
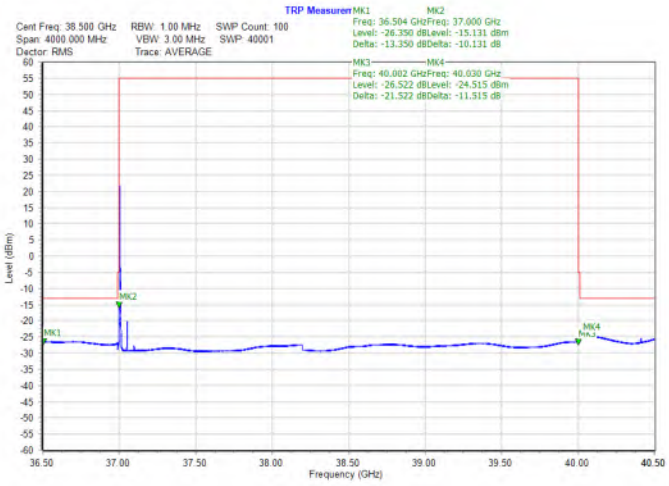
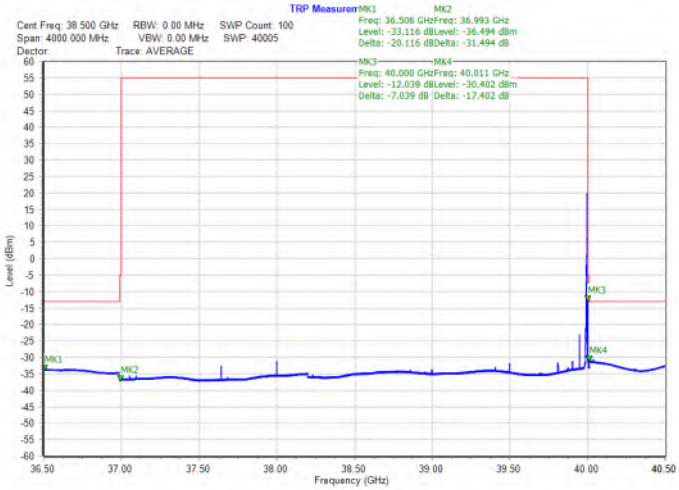
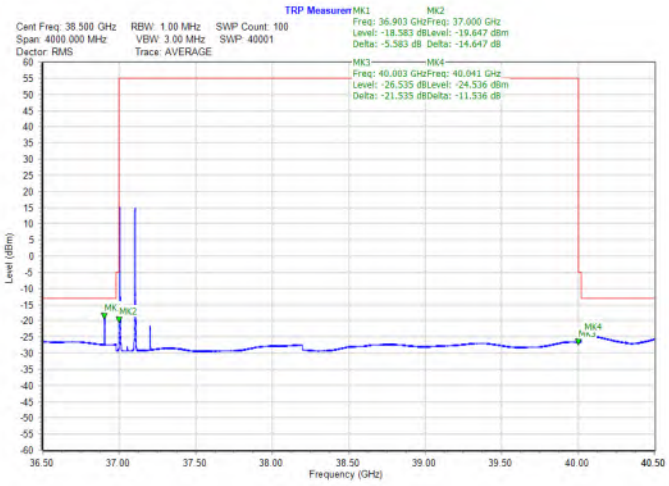
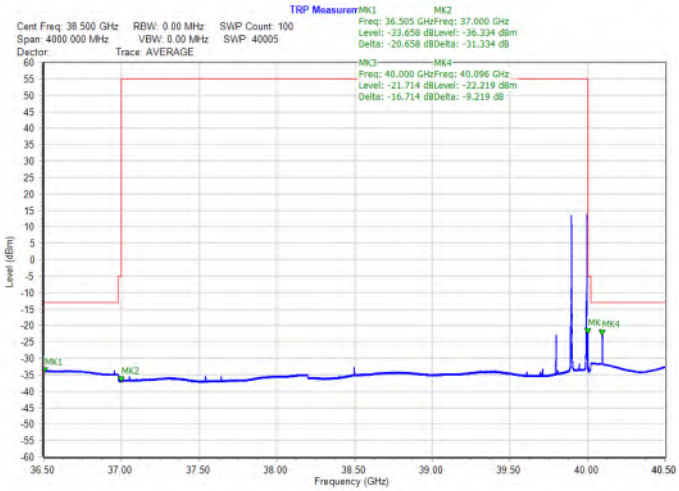
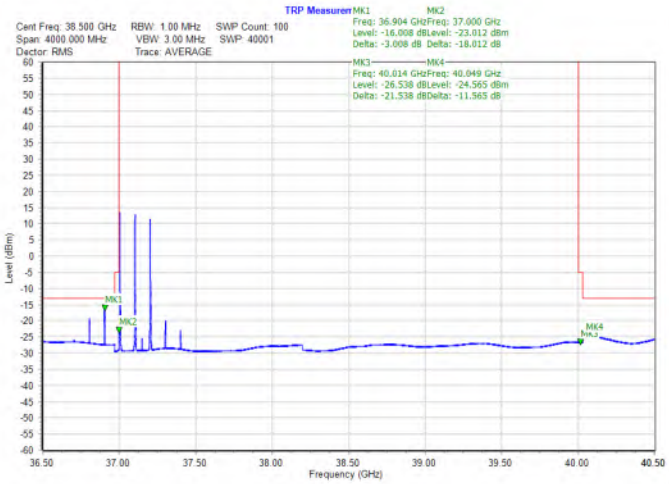
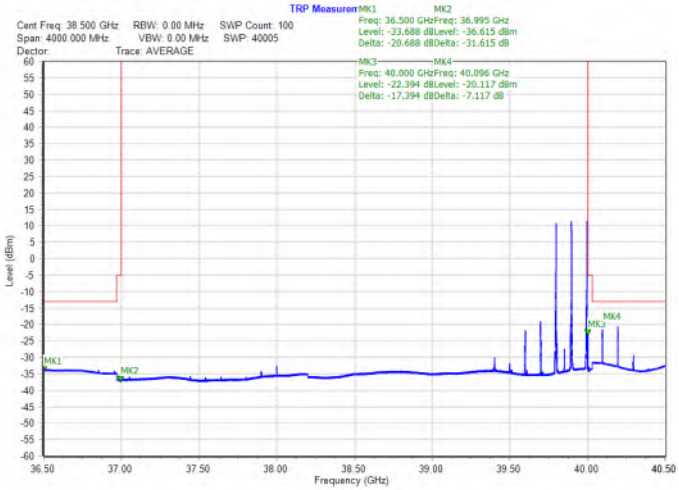
CP-OFDM Module 1

NR Band n260 / 50MHz / QPSK	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	

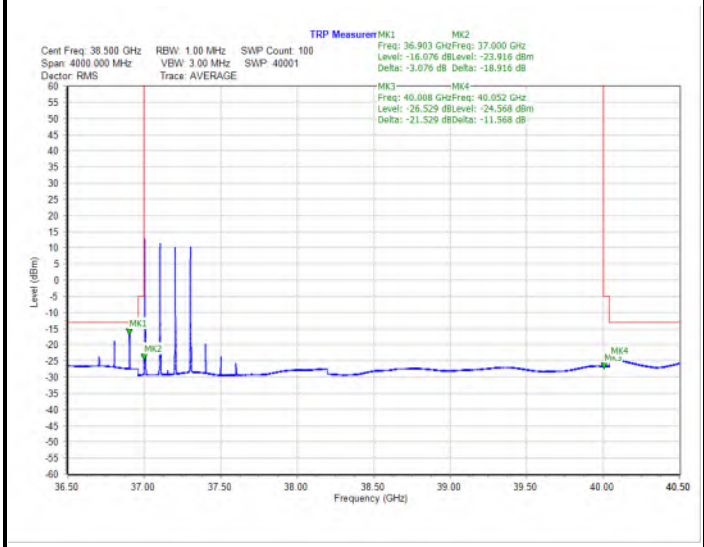
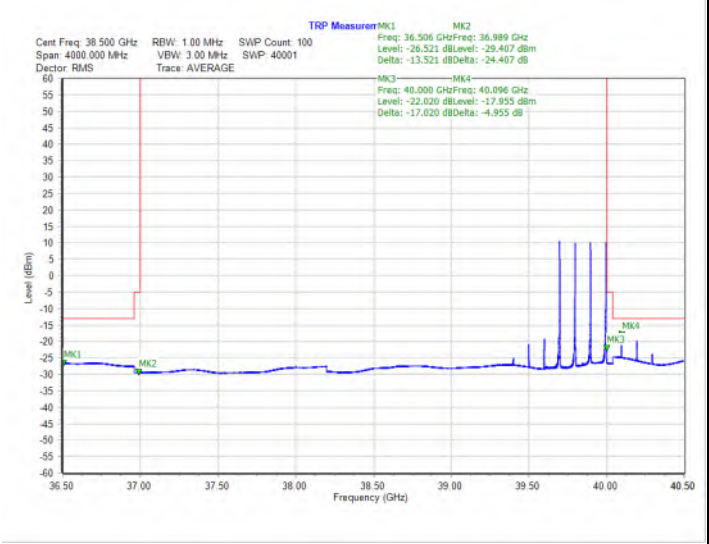
NR Band n260 / 100MHz / QPSK	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	

CP-OFDM Module 1

NR Band n260 / 200MHz / QPSK	
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**
	

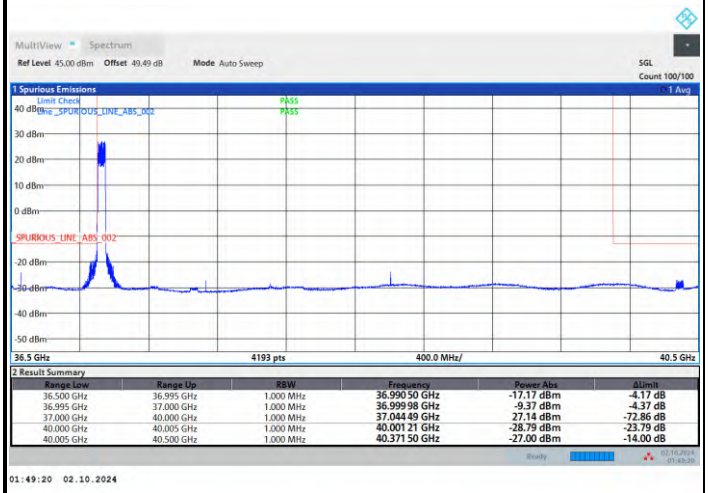
CP-OFDM Module 1

NR Band n260 / 400MHz / QPSK	
Lowest Band Edge / 1 RB	Highest Band Edge / 1 RB
	

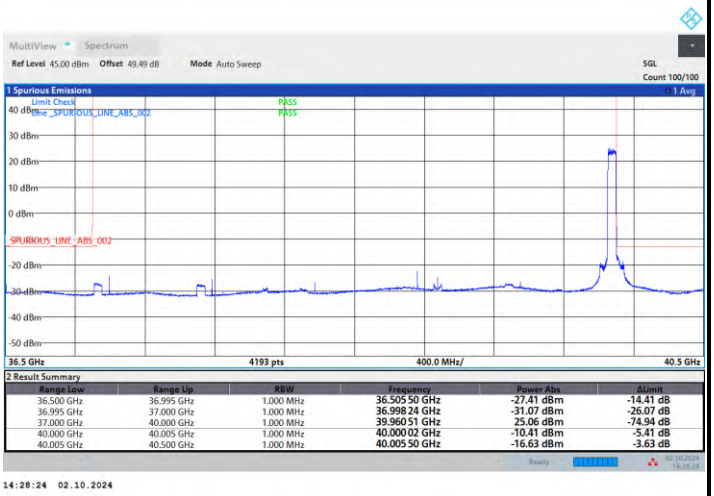
DFT-s-OFDM Module 1

NR Band n260 / 50MHz / QPSK

Lowest Band Edge / Full RB

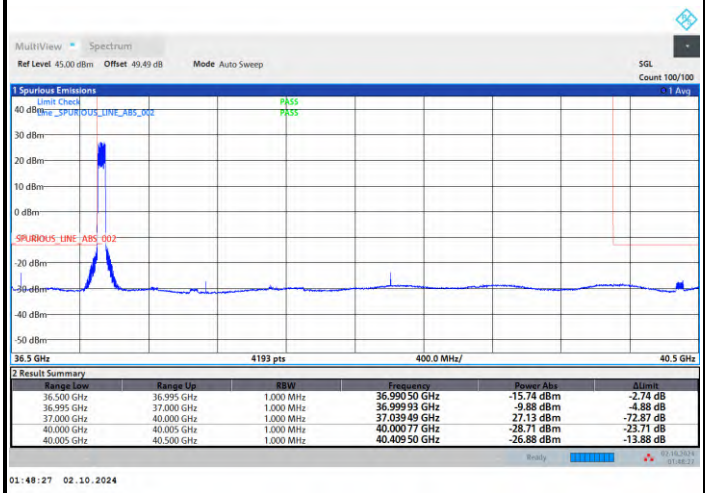


Highest Band Edge / Full RB

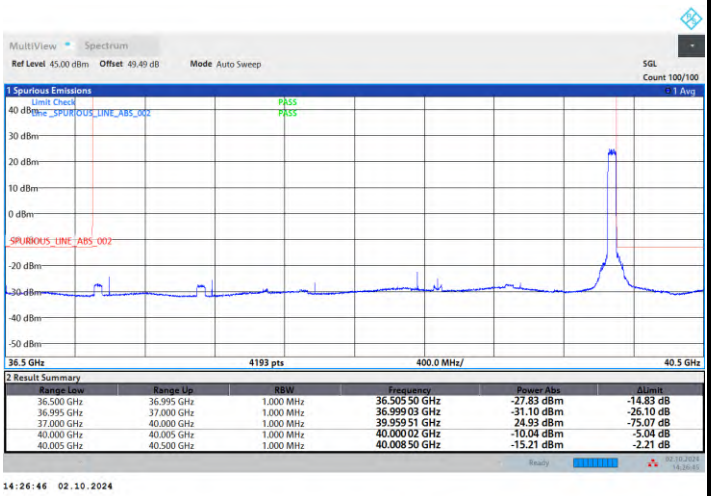


NR Band n260 / 50MHz / 16QAM

Lowest Band Edge / Full RB



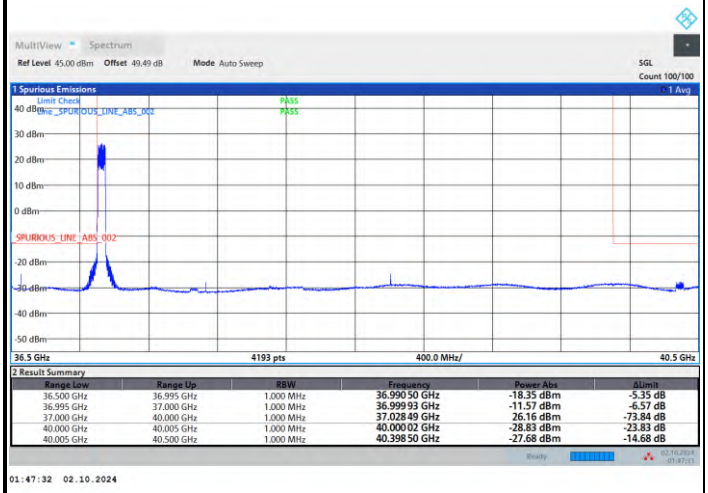
Highest Band Edge / Full RB



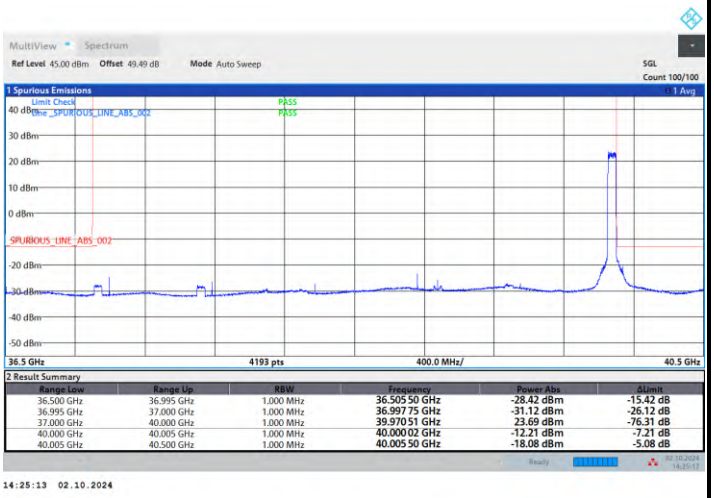
DFT-s-OFDM Module 1

NR Band n260 / 50MHz / 64QAM

Lowest Band Edge / Full RB

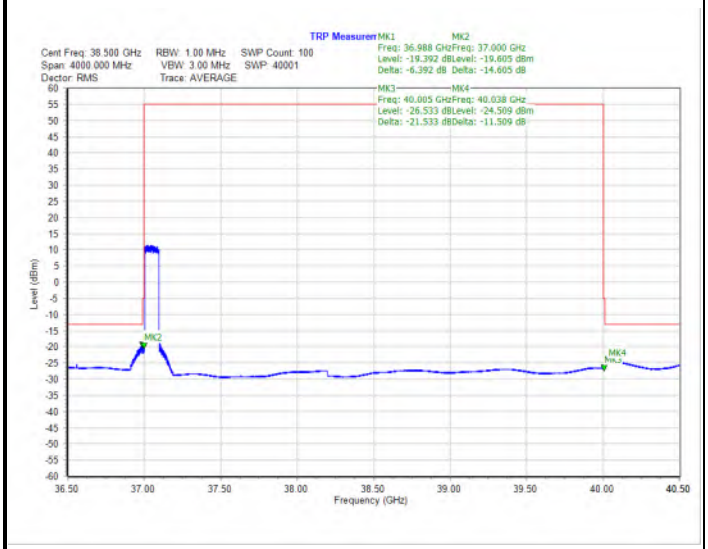


Highest Band Edge / Full RB

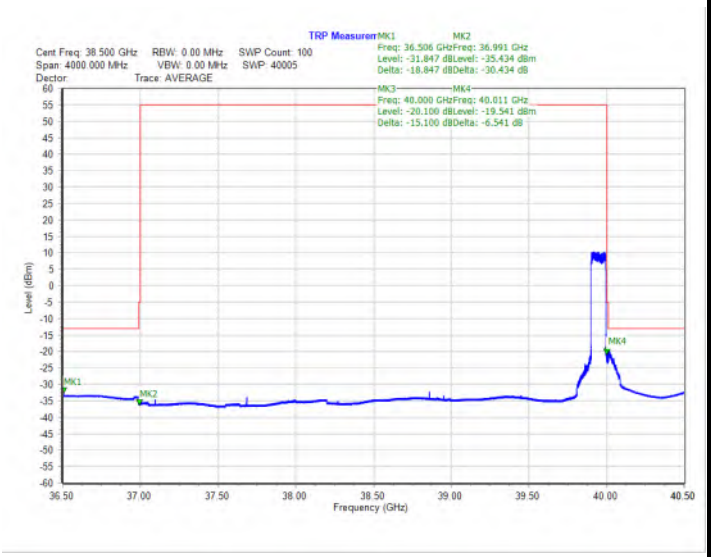


NR Band n260 / 100MHz / QPSK

Lowest Band Edge / Full RB



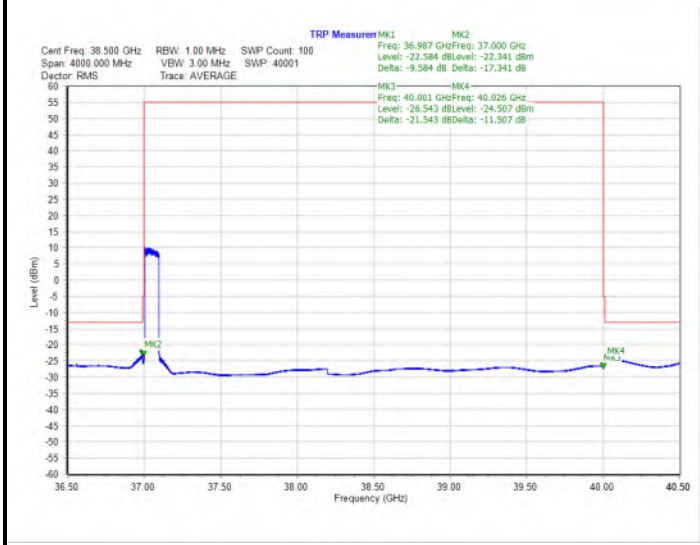
Highest Band Edge / Full RB



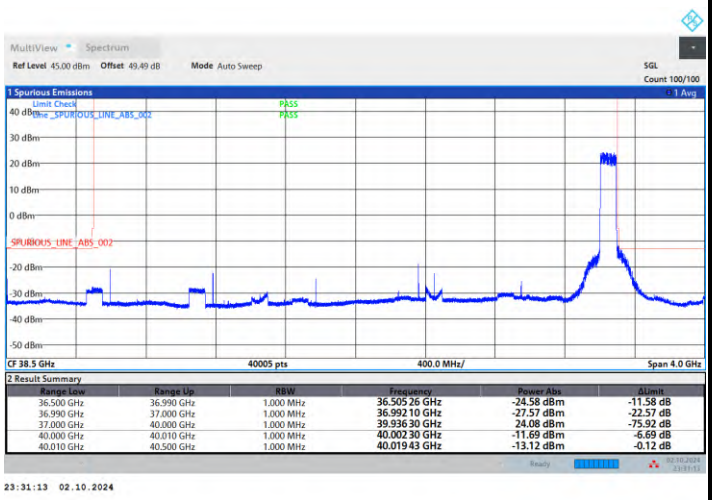
DFT-s-OFDM Module 1

NR Band n260 / 100MHz / 16QAM

Lowest Band Edge / Full RB

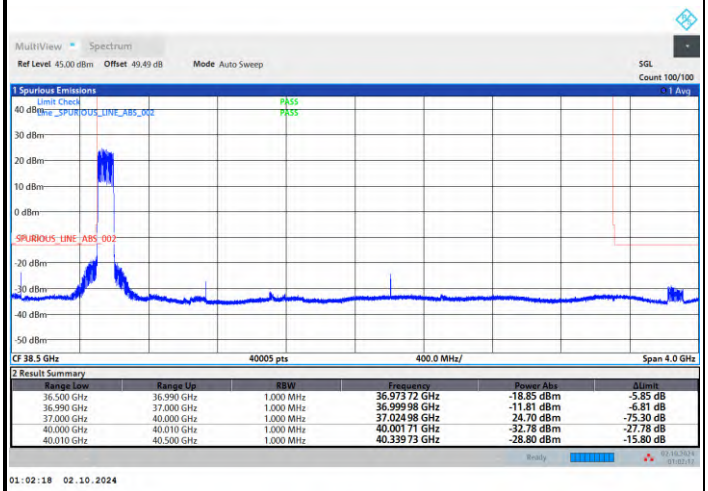


Highest Band Edge / Full RB

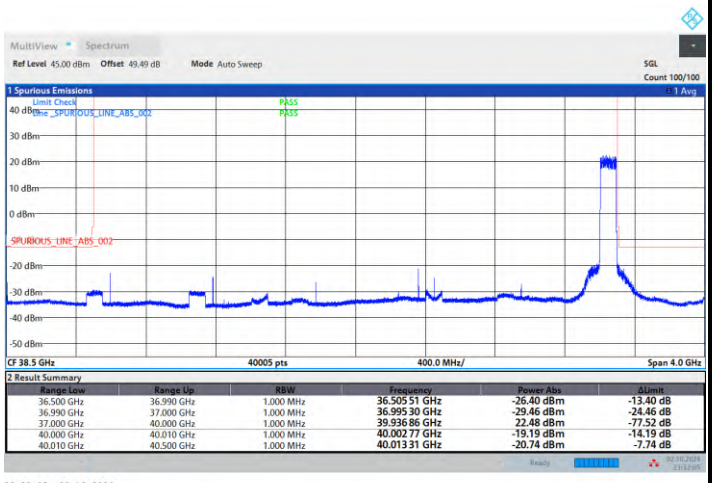


NR Band n260 / 100MHz / 64QAM

Lowest Band Edge / Full RB



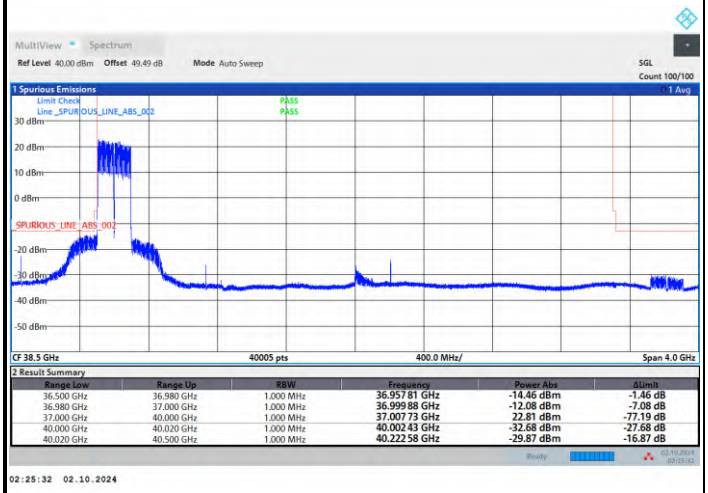
Highest Band Edge / Full RB



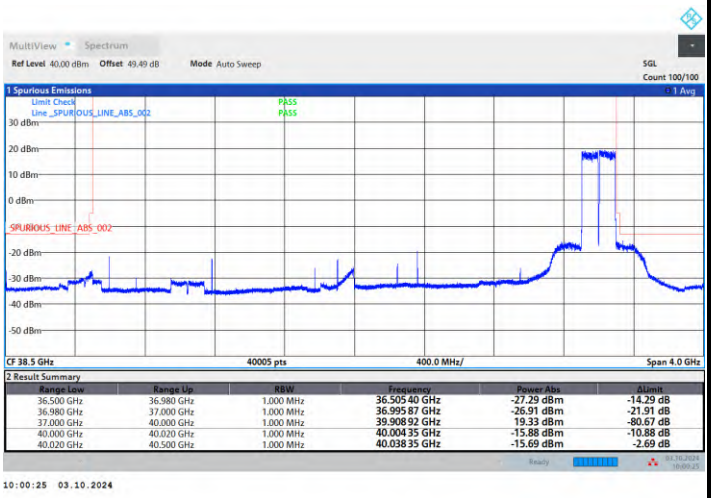
DFT-s-OFDM Module 1

NR Band n260 / 200MHz / QPSK

Lowest Band Edge / Full RB

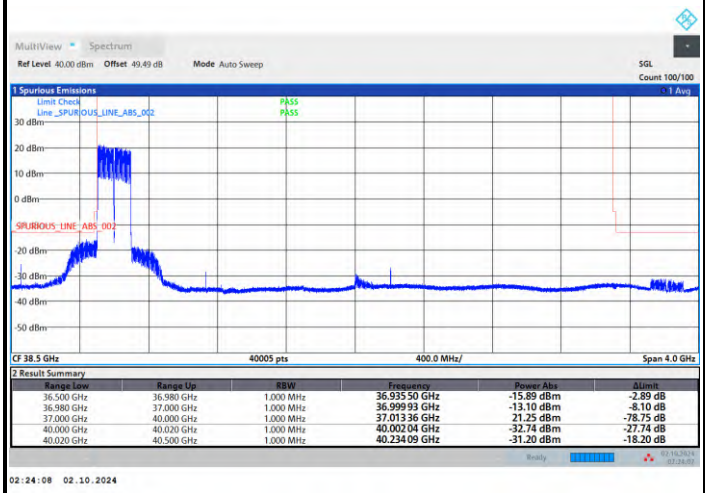


Highest Band Edge / Full RB

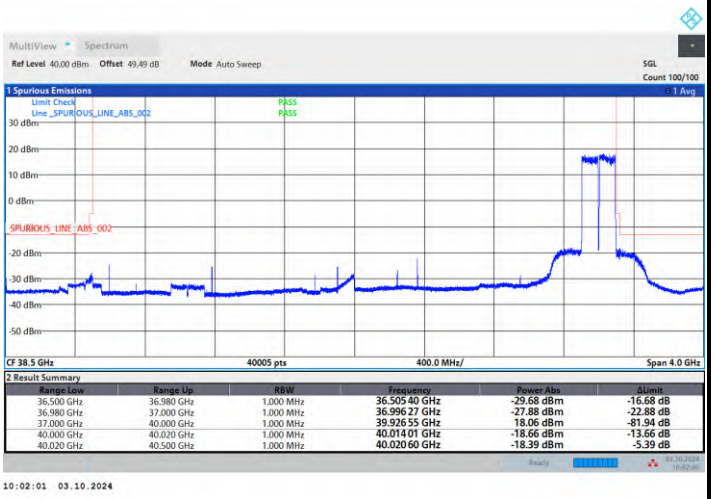


NR Band n260 / 200MHz / 16QAM

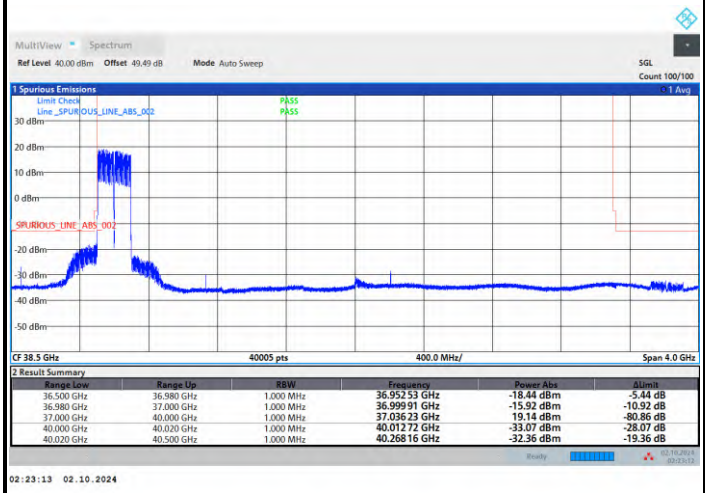
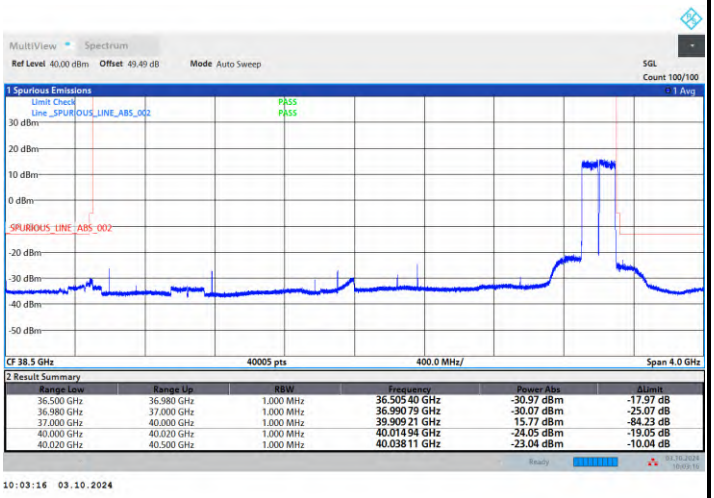
Lowest Band Edge / Full RB

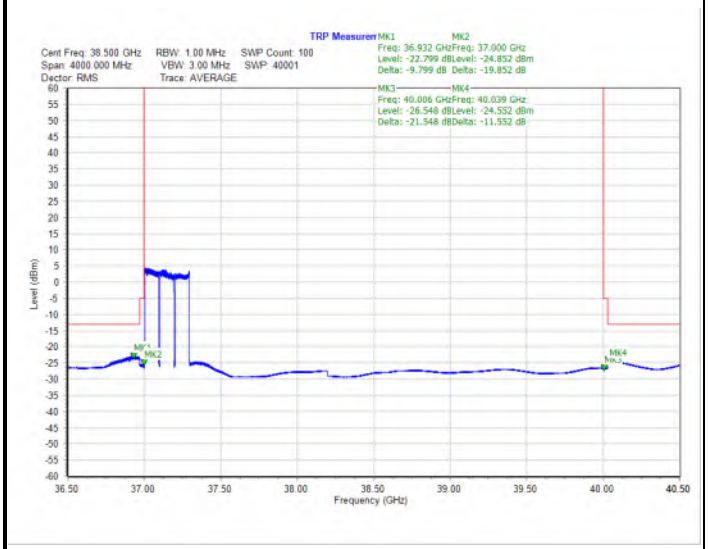
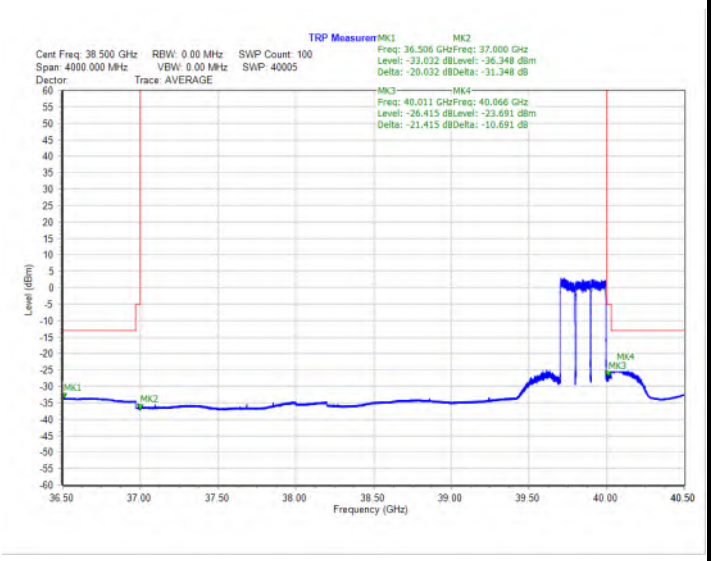


Highest Band Edge / Full RB



DFT-s-OFDM Module 1

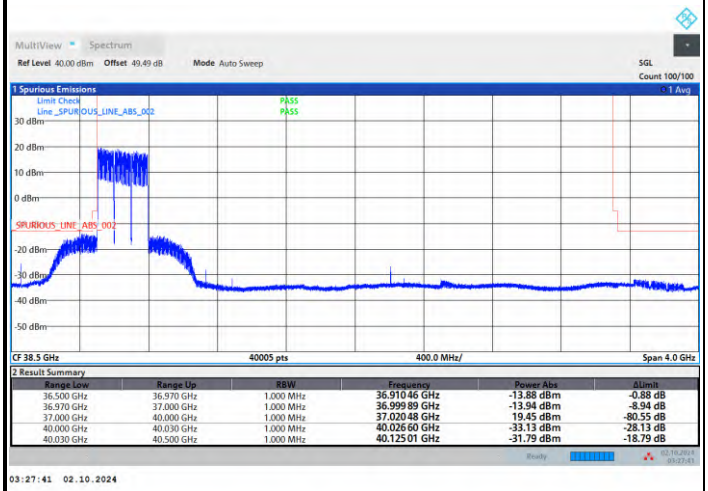
NR Band n260 / 200MHz / 64QAM	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

NR Band n260 / 300MHz / QPSK	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

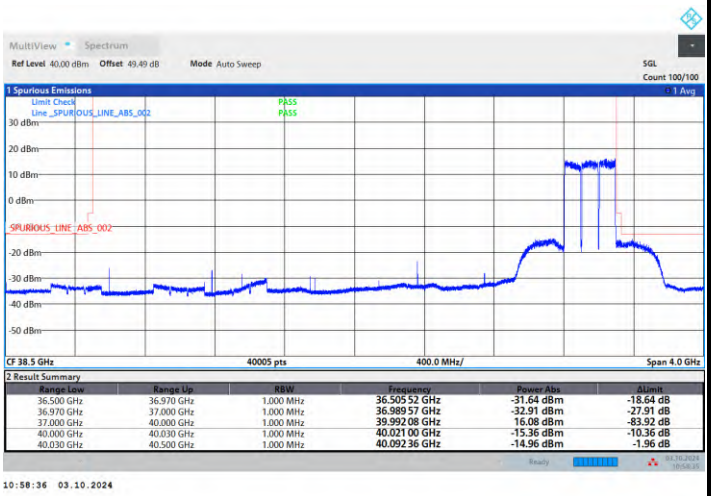
DFT-s-OFDM Module 1

NR Band n260 / 300MHz / 16QAM

Lowest Band Edge / Full RB

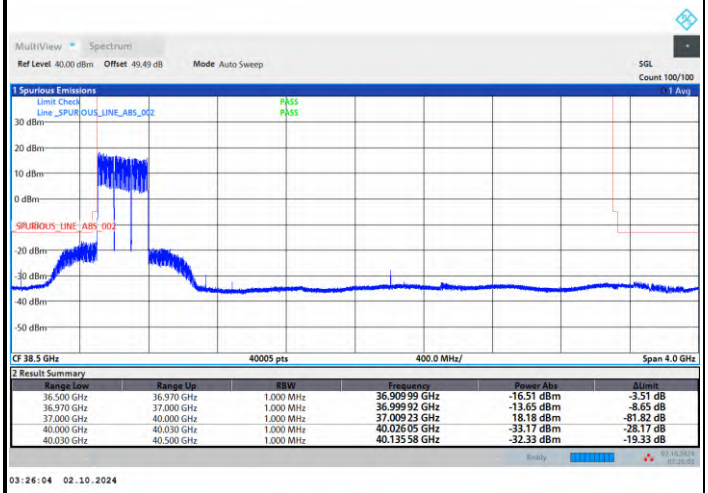


Highest Band Edge / Full RB

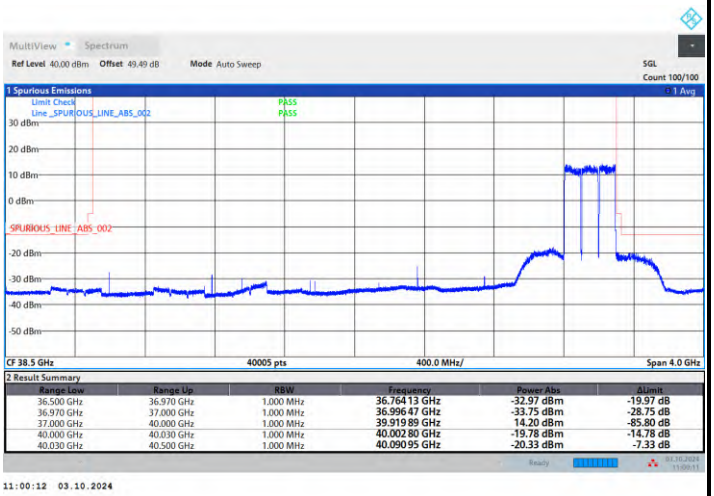


NR Band n260 / 300MHz / 64QAM

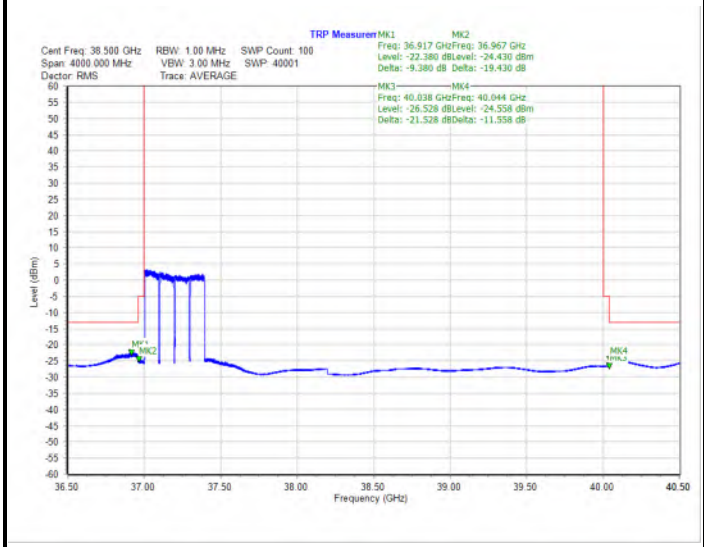
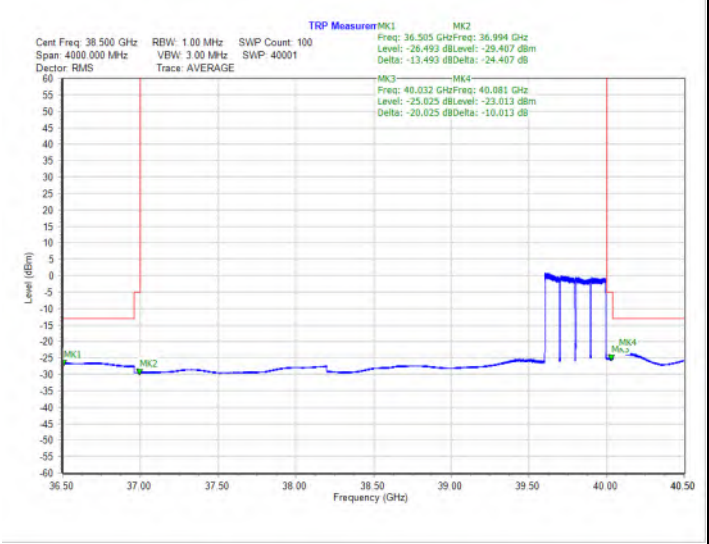
Lowest Band Edge / Full RB

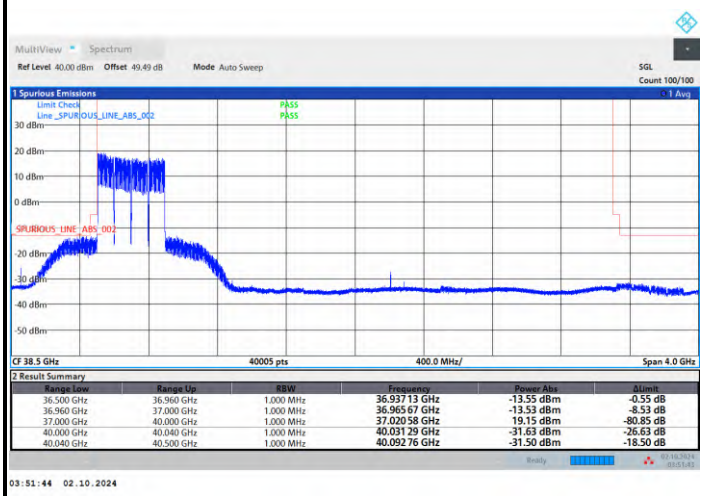
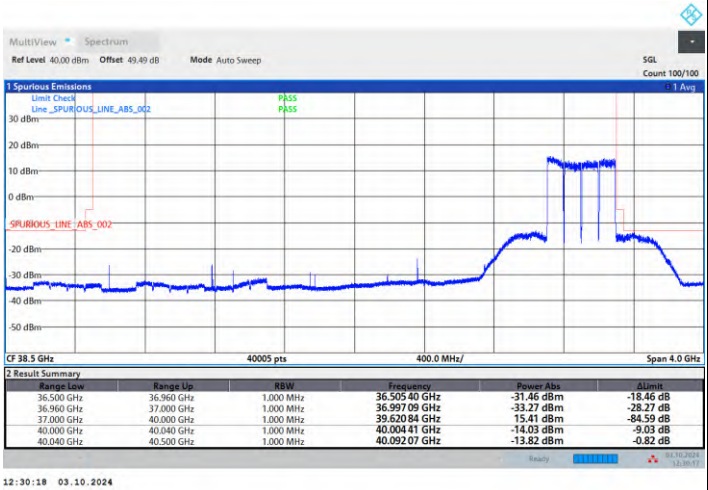


Highest Band Edge / Full RB

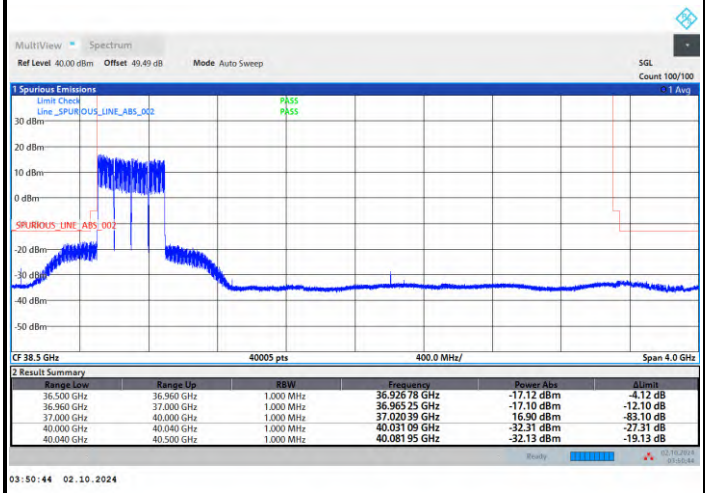
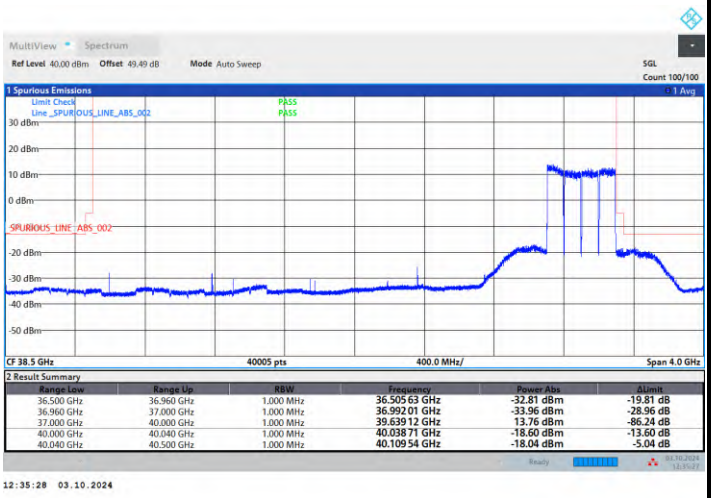


DFT-s-OFDM Module 1

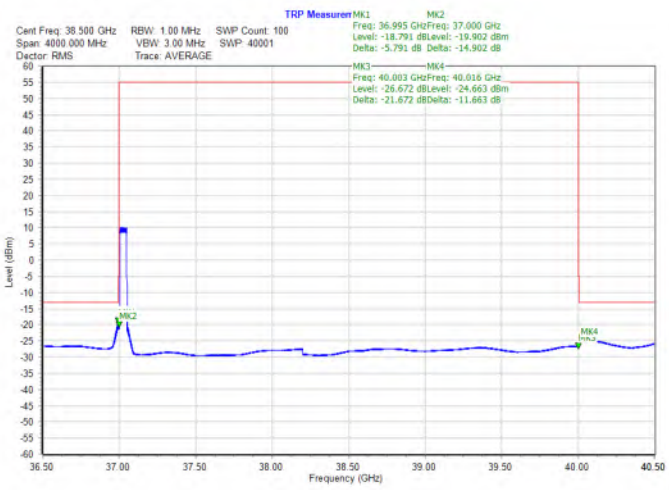
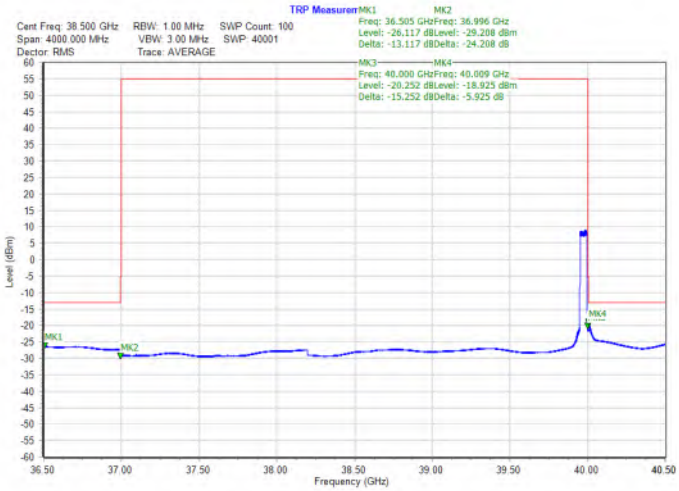
NR Band n260 / 400MHz / QPSK	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

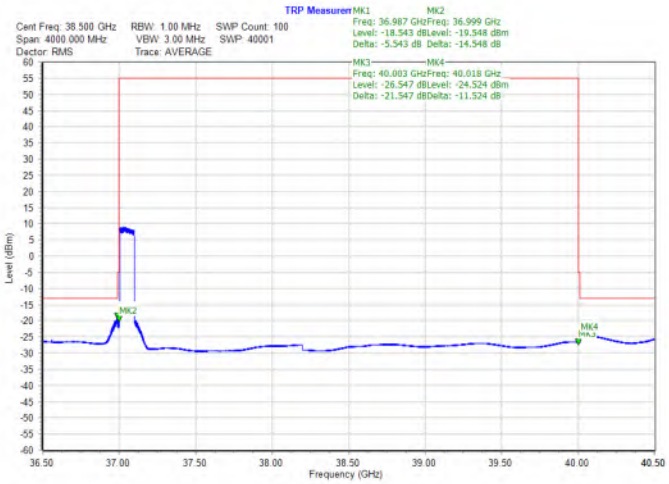
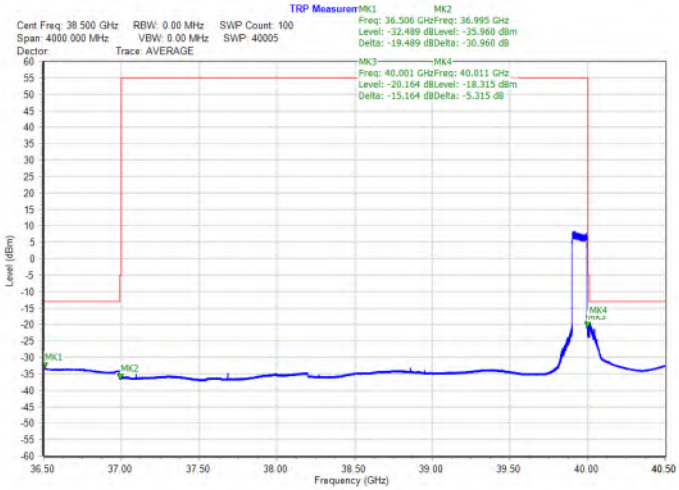
NR Band n260 / 400MHz / 16QAM	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

DFT-s-OFDM Module 1

NR Band n260 / 400MHz / 64QAM	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

CP-OFDM Module 1

NR Band n260 / 50MHz / QPSK	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

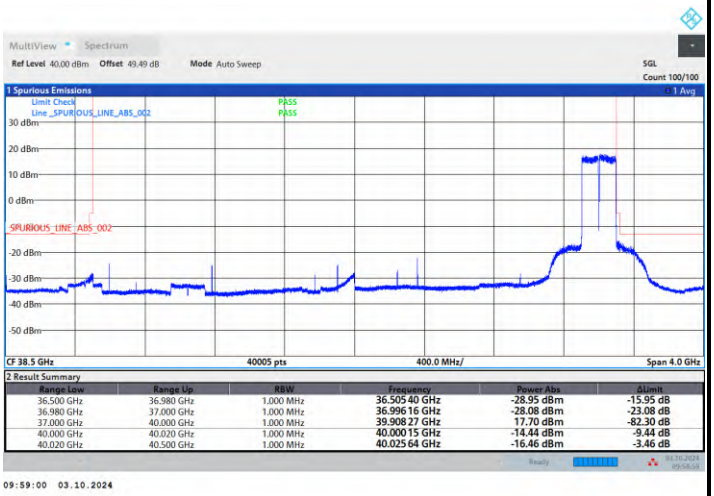
NR Band n260 / 100MHz / QPSK	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

CP-OFDM Module 1

NR Band n260 / 200MHz / QPSK

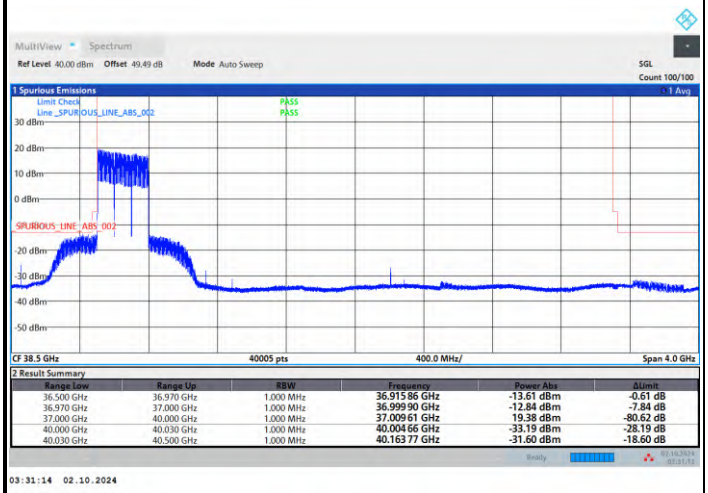
Lowest Band Edge / Full RB

Highest Band Edge / Full RB

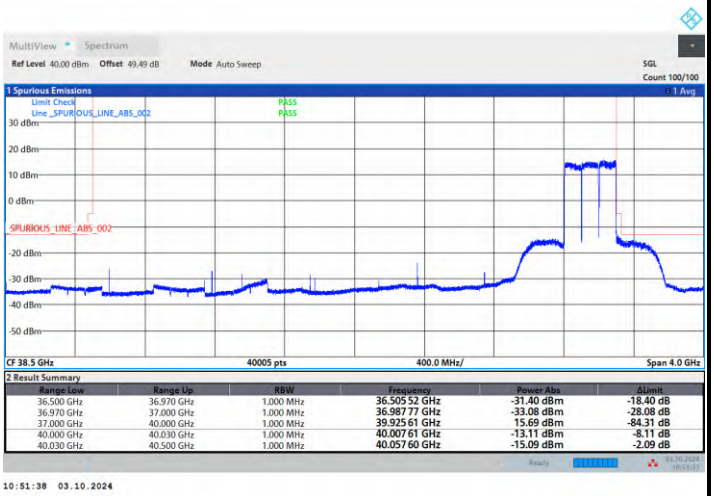


NR Band n260 / 300MHz / QPSK

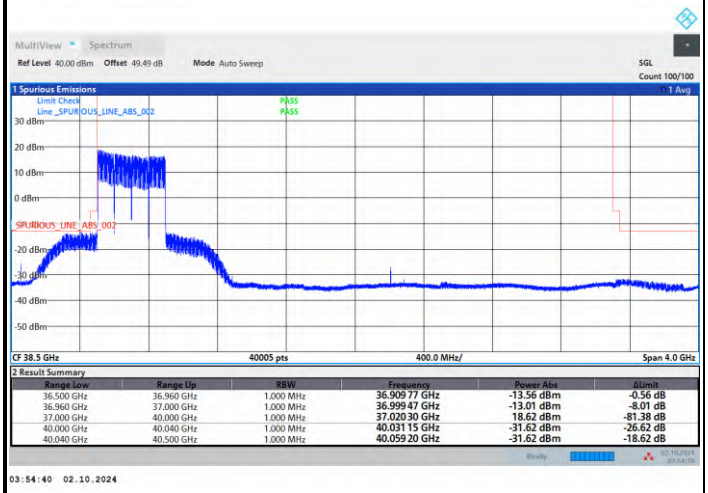
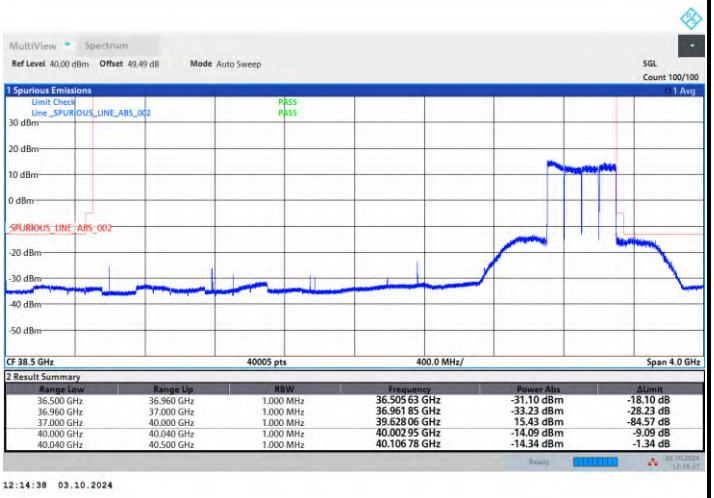
Lowest Band Edge / Full RB



Highest Band Edge / Full RB



CP-OFDM Module 1

NR Band n260 / 400MHz / QPSK	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

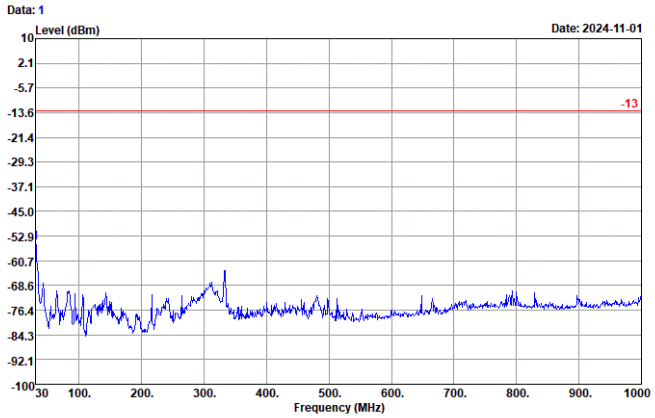
Spurious Emission

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

Only the noise floor is reported.

NR Band n260 (30MHz-1GHz)

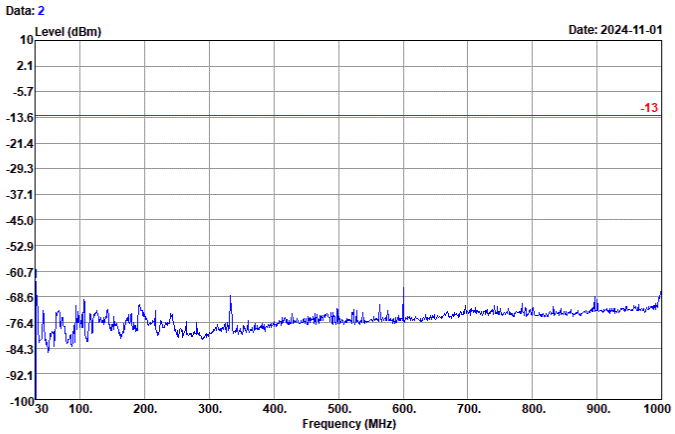
Horizontal



Site : 03CH23-HY
Condition : -13 ERP_20231229 HORIZONTAL
Project : 470412-01
: n260

	Freq	Level	Over Limit	Limit Line
	MHz	dBm	dB	dBm
1	30.00	-55.07	-42.07	-13.00

Vertical

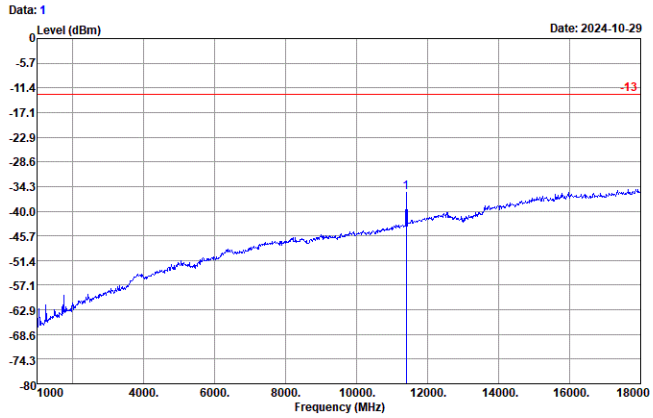


Site : 03CH23-HY
Condition : -13 ERP_20231229 VERTICAL
Project : 470412-01
: n260

	Freq	Level	Over Limit	Limit Line
	MHz	dBm	dB	dBm
1	30.97	-63.83	-50.83	-13.00

NR Band n260 (1GHz-18GHz)

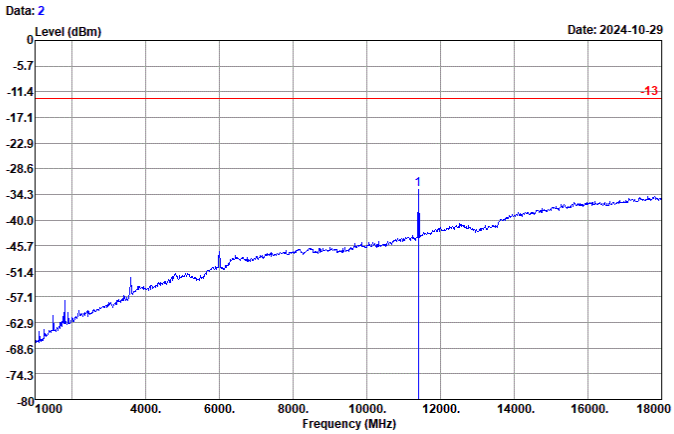
Horizontal



Site : 03CH23-HY
Condition : -13 EIRP_20231229 HORIZONTAL
Project : 470412-01
: n260

	Freq	Level	Over Limit	Limit Line
	MHz	dBm	dB	dBm
1	11404.00	-35.65	-22.65	-13.00

Vertical

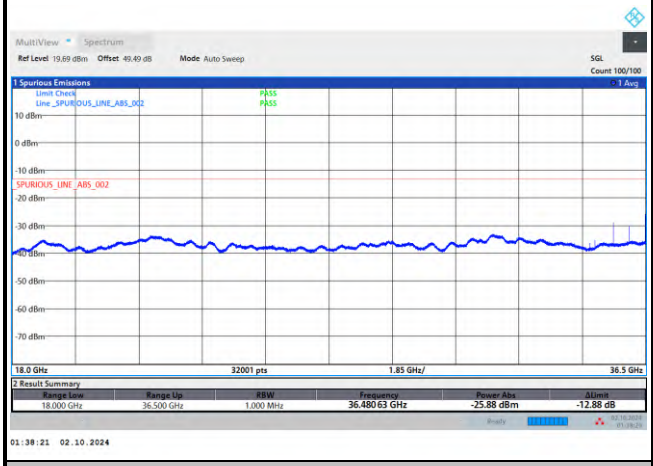
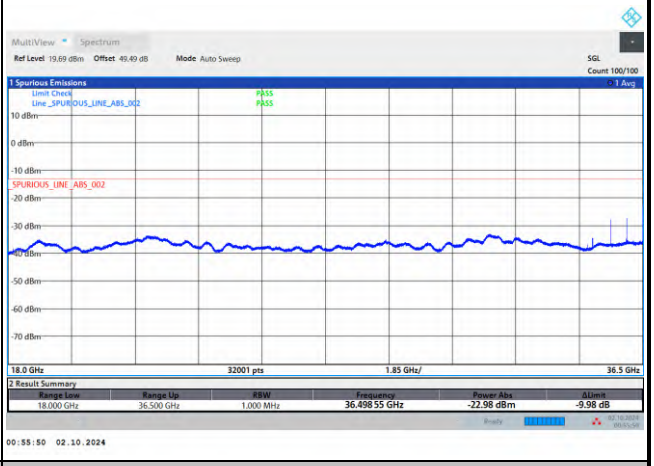
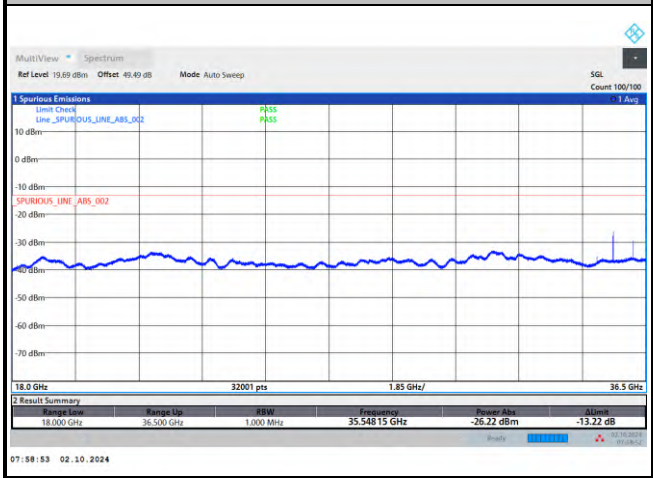
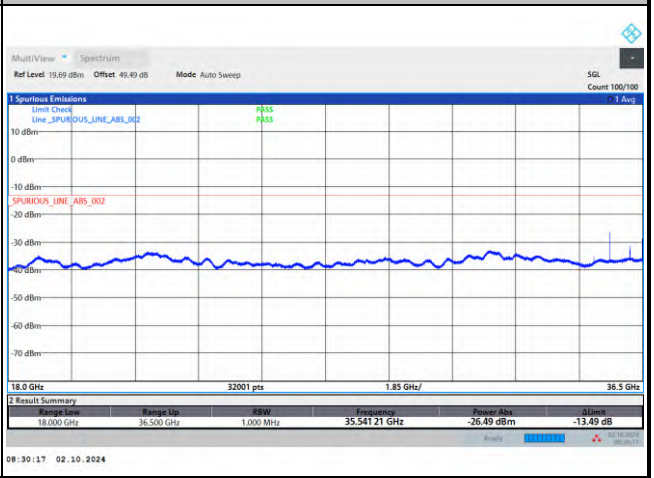
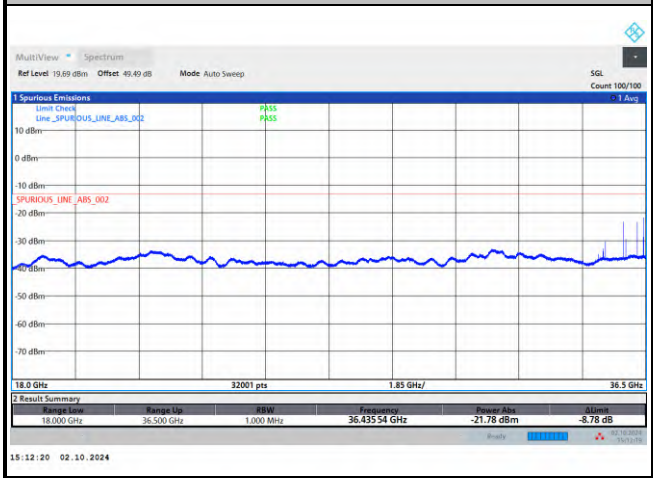
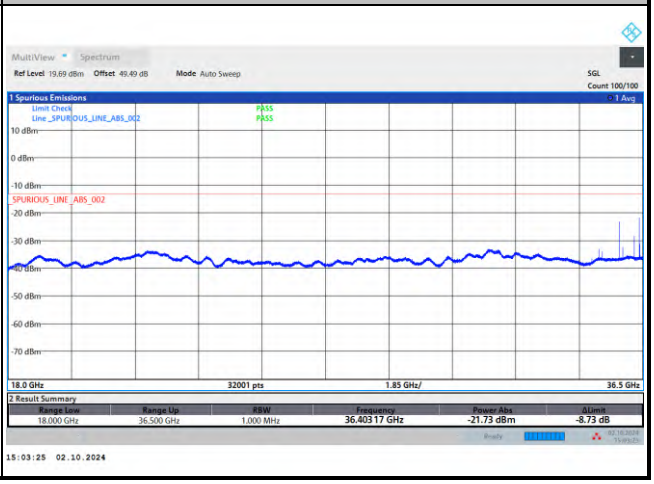


Site : 03CH23-HY
Condition : -13 EIRP_20231229 VERTICAL
Project : 470412-01
: n260

	Freq	Level	Over Limit	Limit Line
	MHz	dBm	dB	dBm
1	11404.00	-33.14	-20.14	-13.00

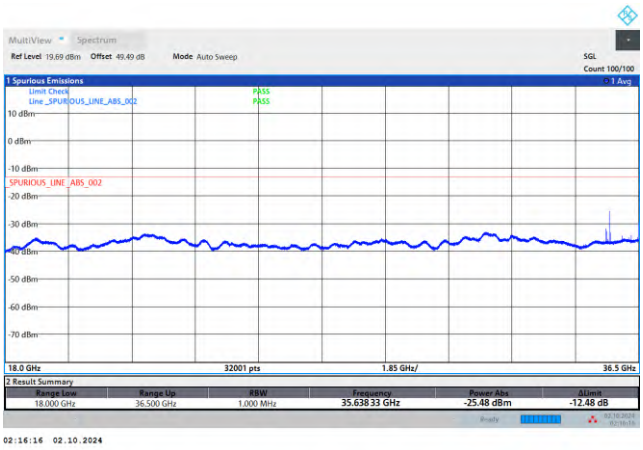
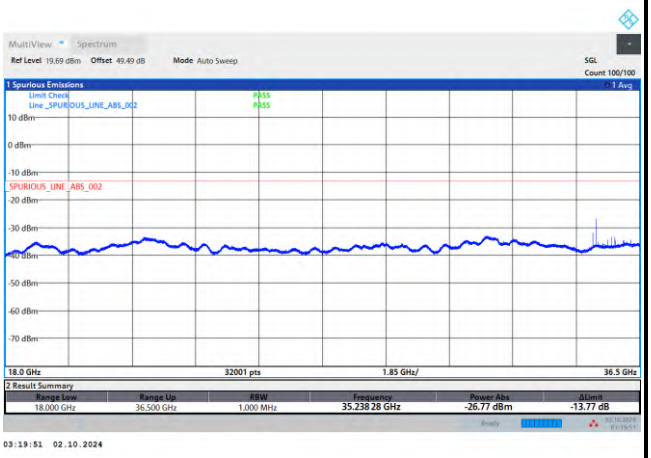
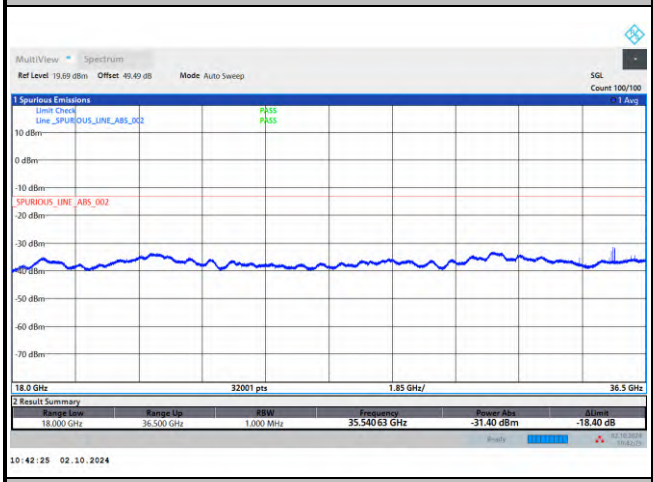
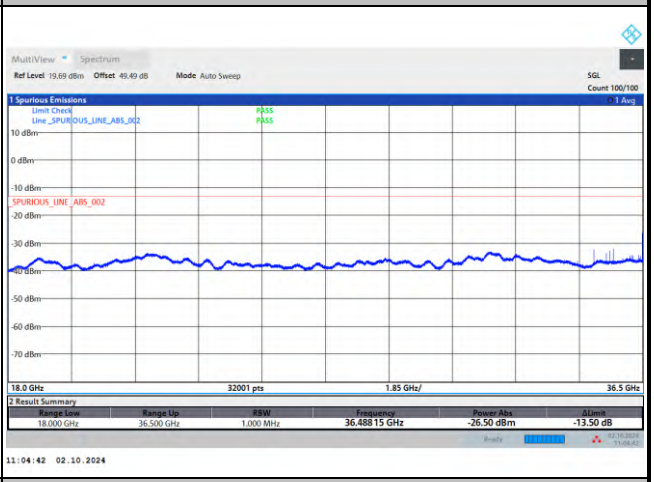
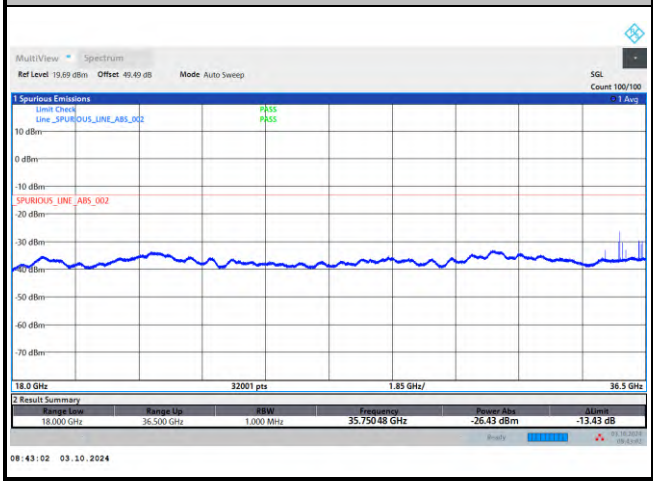
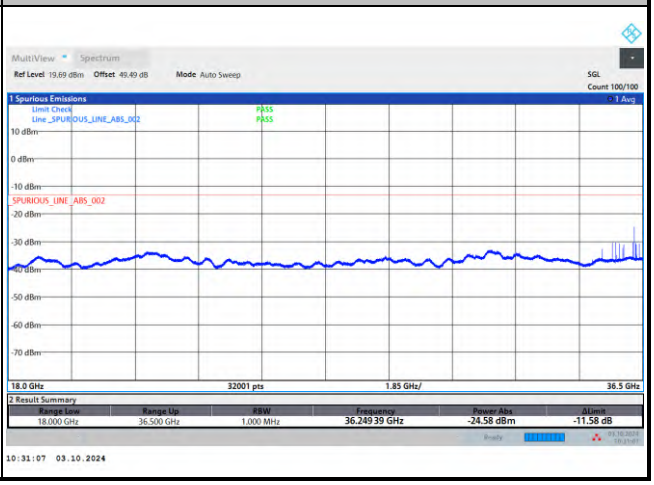
Spurious emission between 18GHz to 40GHz worst case plot is reported as following.

DFT-s-OFDM Module 1

NR Band n260 QPSK (18-40GHz)	
Lowest Channel / 50MHz	**Lowest Channel / 100MHz**
	
Middle Channel / 50MHz	**Middle Channel / 100MHz**
	
Highest Channel / 50MHz	**Highest Channel / 100MHz**
	

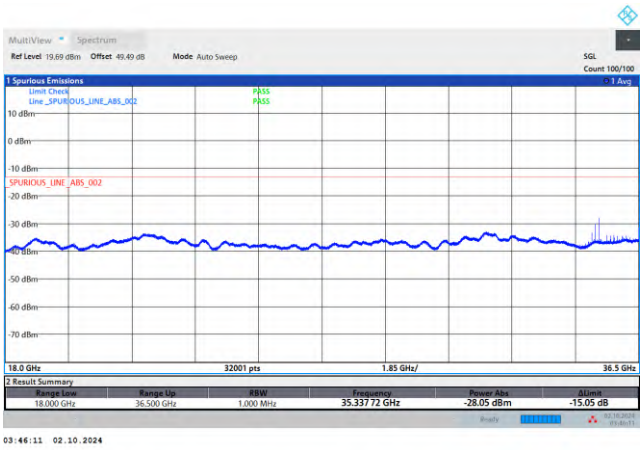
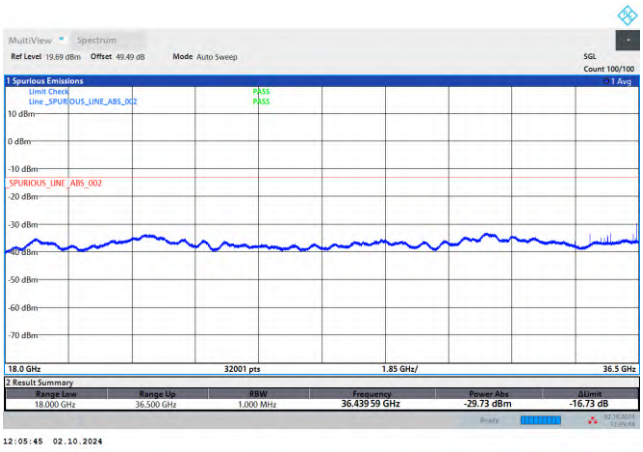
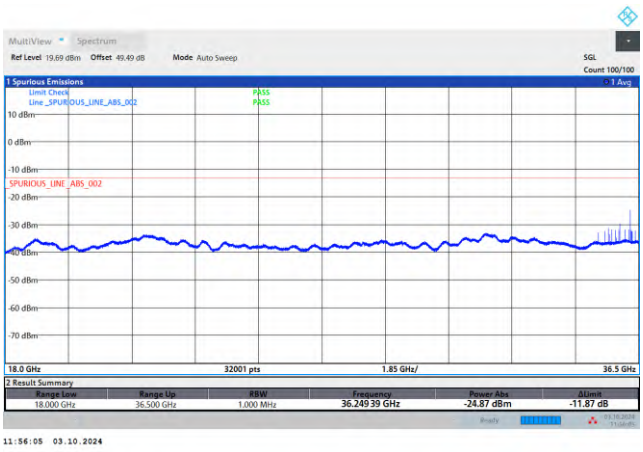
Remark: In band and out of band frequencies are omitted.

DFT-s-OFDM Module 1

NR Band n260 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.

DFT-s-OFDM Module 1

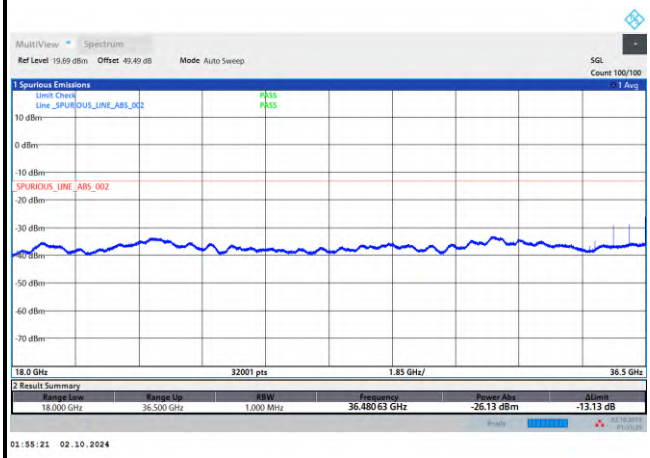
NR Band n260 QPSK (18-40GHz)	
Lowest Channel / 400MHz	
	**intentionally blank**
Middle Channel / 400MHz	
	**intentionally blank**
Highest Channel / 400MHz	
	**intentionally blank**

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

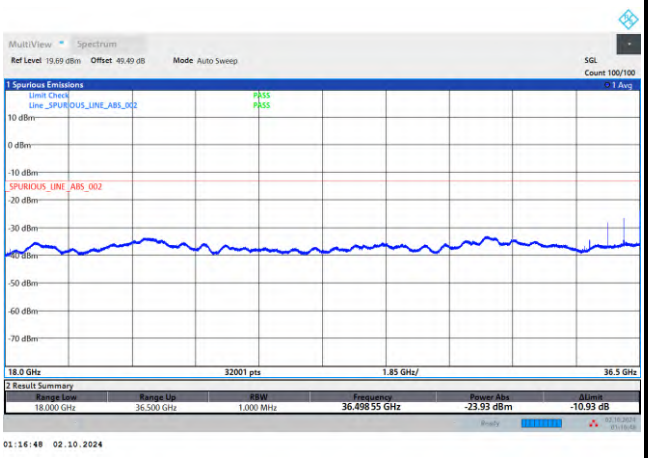
CP-OFDM Module 1

NR Band n260 QPSK (18-40GHz)

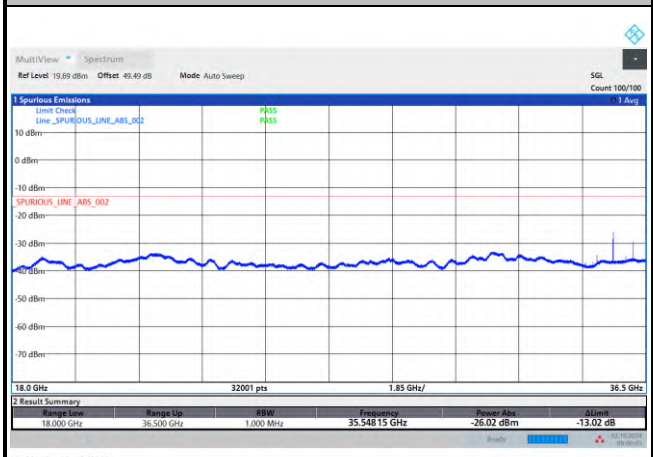
Lowest Channel / 50MHz



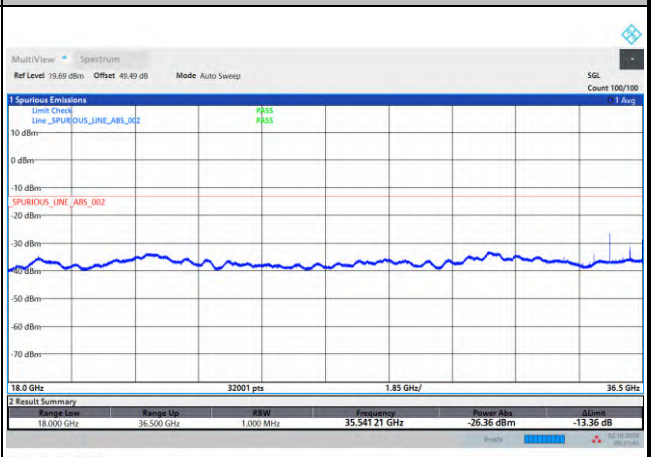
Lowest Channel / 100MHz



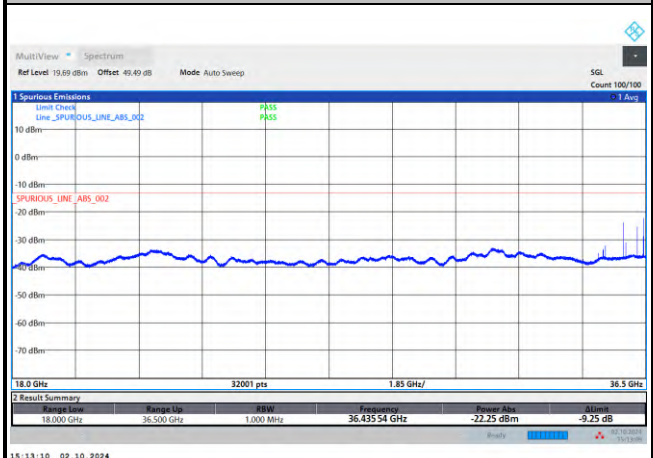
Middle Channel / 50MHz



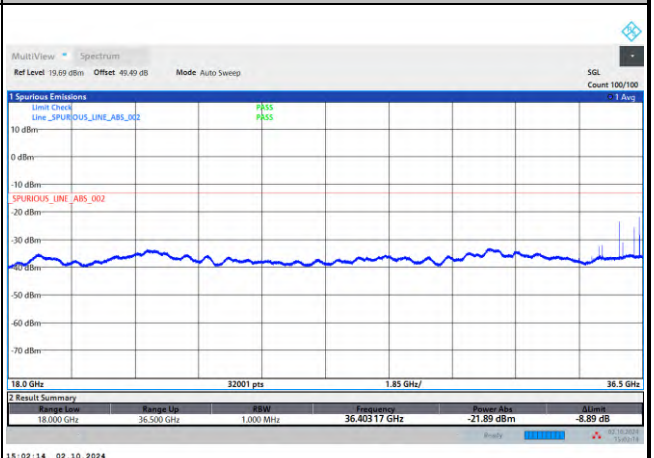
Middle Channel / 100MHz



Highest Channel / 50MHz

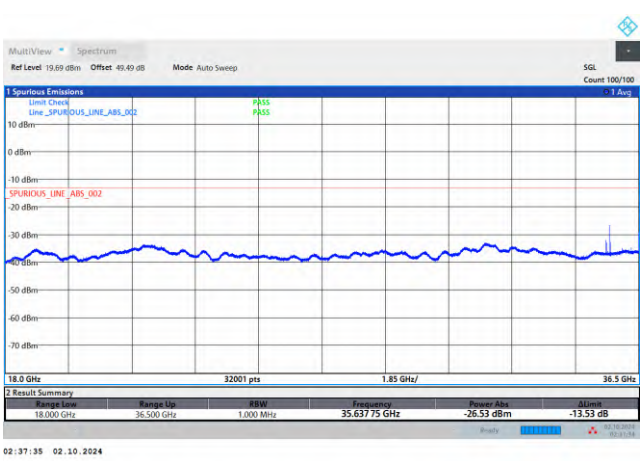
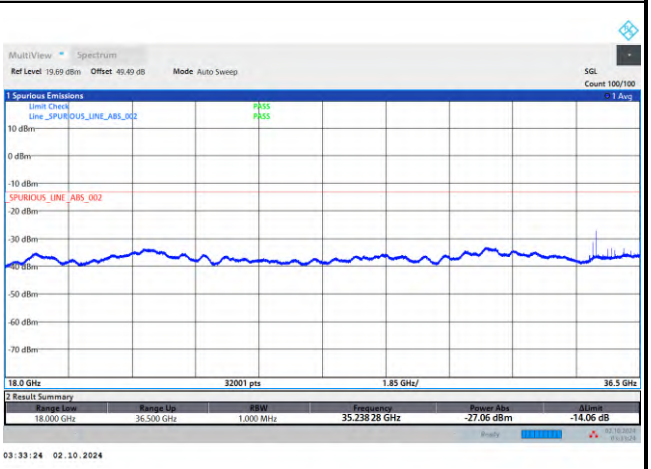
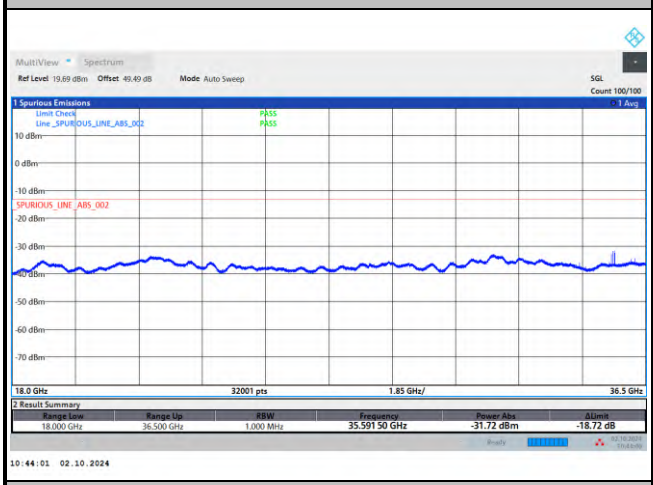
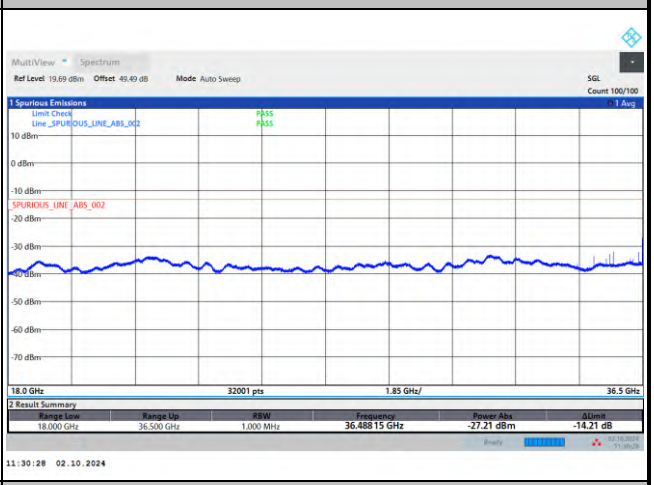
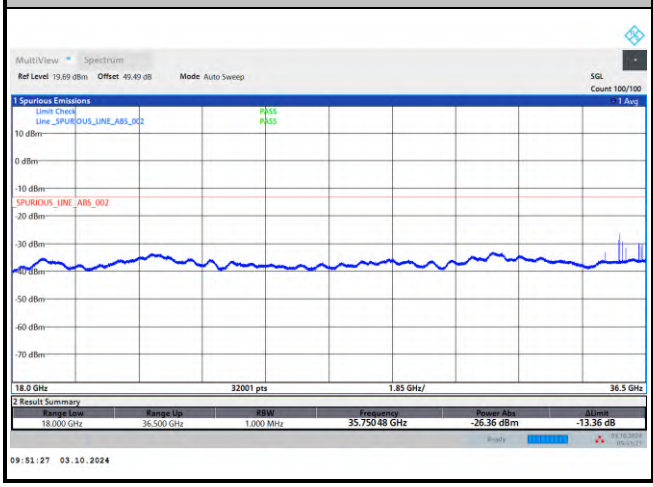
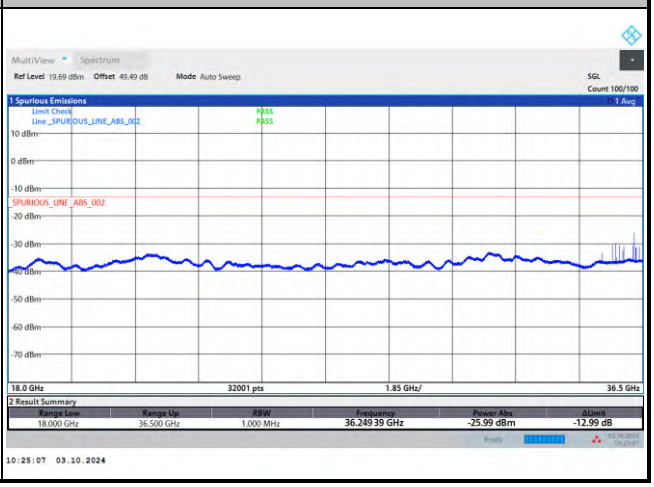


Highest Channel / 100MHz



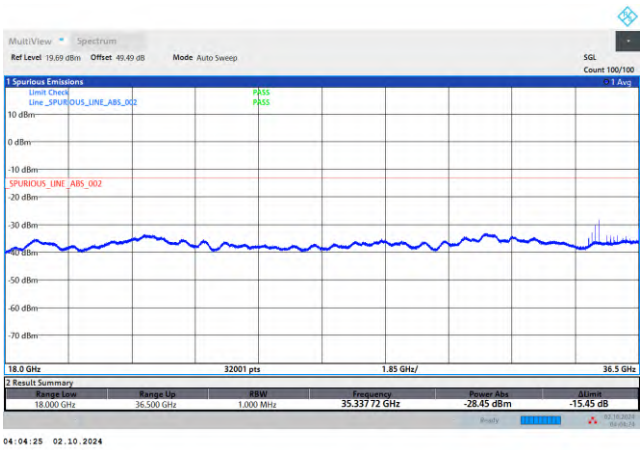
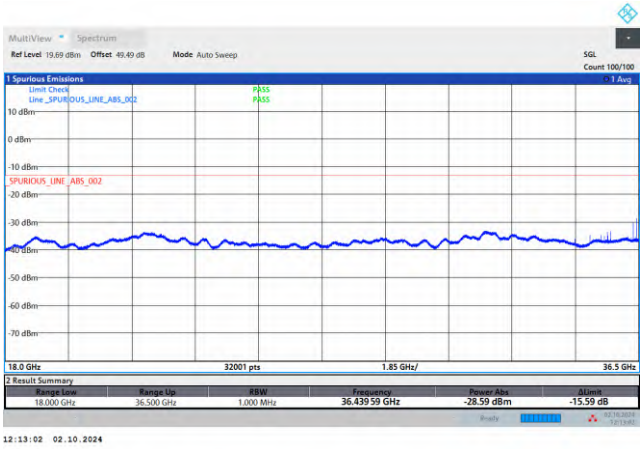
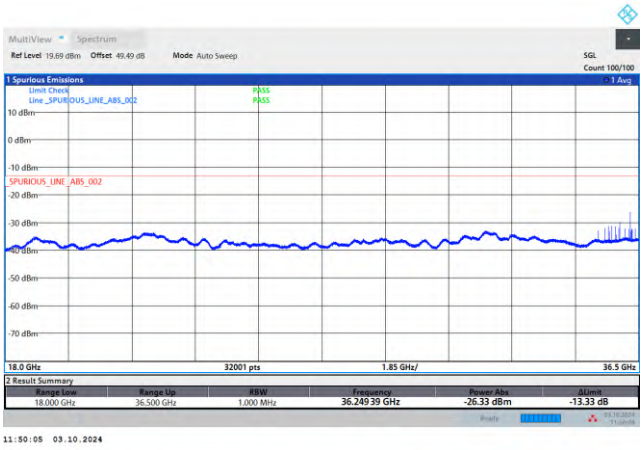
Remark: In band and out of band frequencies are omitted.

CP-OFDM Module 1

NR Band n260 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 Module 1

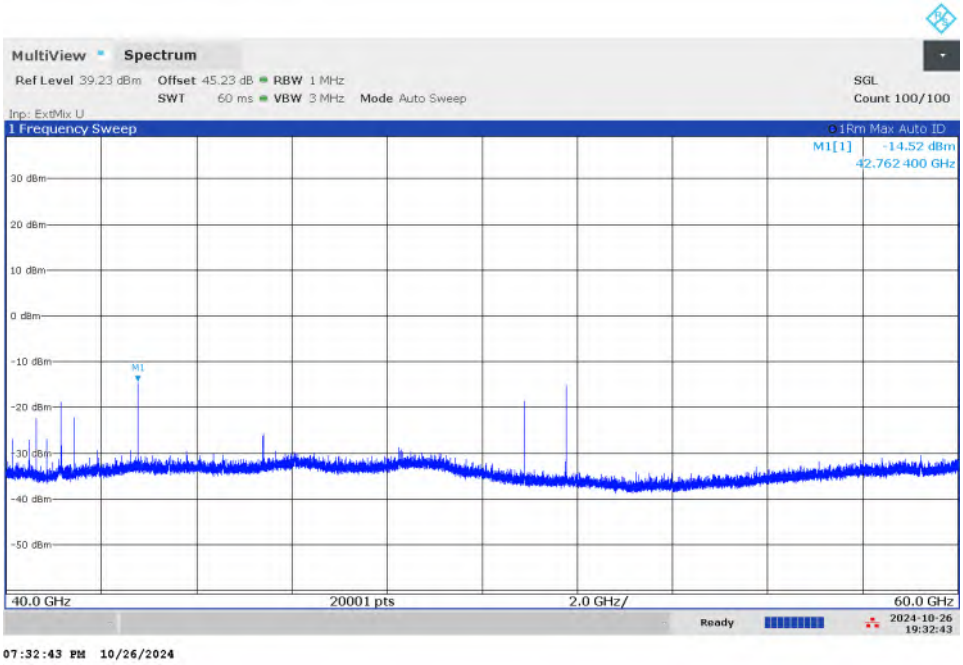
NR Band n260 QPSK (18-40GHz)	
Lowest Channel / 400MHz	
	**intentionally blank**
Middle Channel / 400MHz	
	**intentionally blank**
Highest Channel / 400MHz	
	**intentionally blank**

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

There is no significant spurious emission signal found for frequency started from 40GHz up to 200GHz.

Only the noise floor is reported.

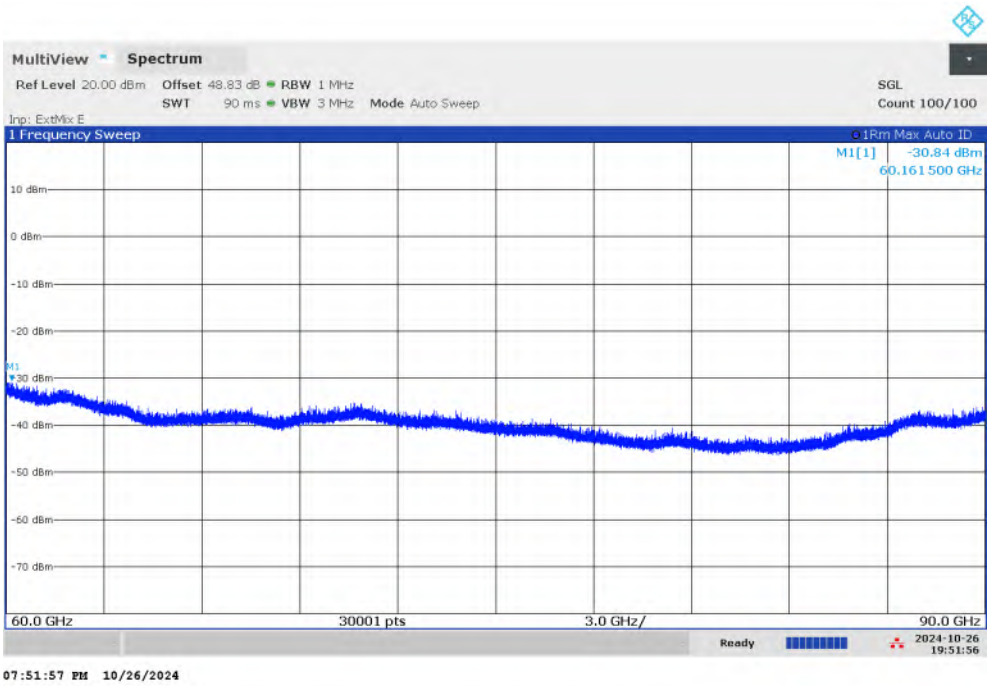
NR Band n260
(40GHz-60GHz)



Offset = Antenna Factor (dB/m) + Cable Loss (dB) + 107 + 20log (D) – 104.8

= 42.6 + 0.43 + 107 + 20log(1) – 104.8 = 45.23(dB)

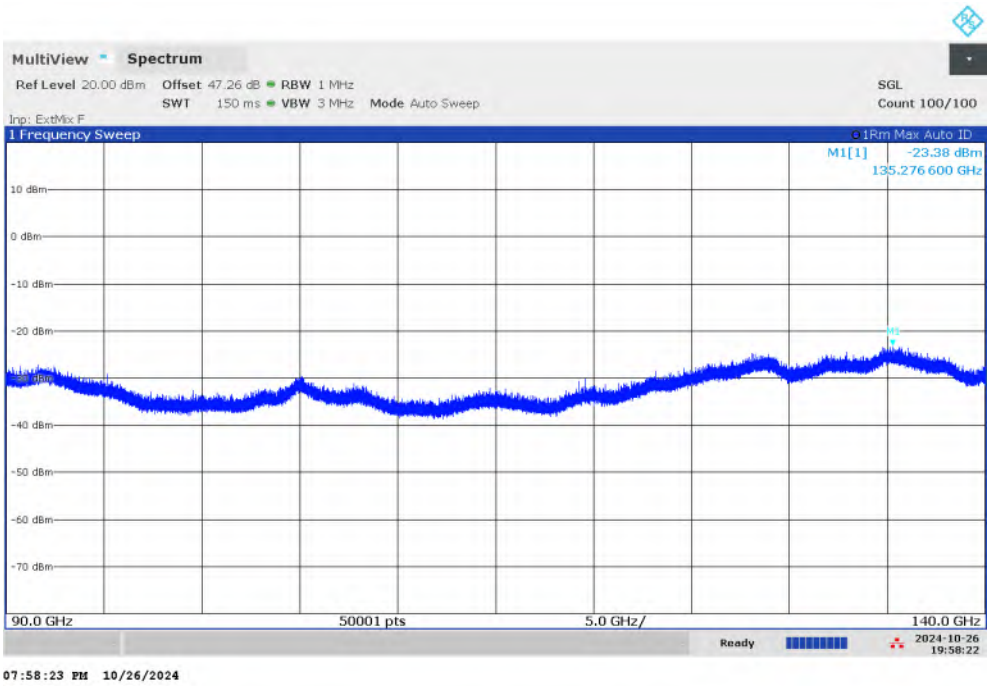
NR Band n260
(60GHz-90GHz)



Offset = Antenna Factor (dB/m) + Cable Loss (dB) + 107 + 20log (D) – 104.8

= 46.2 + 0.43 + 107 + 20log(1) – 104.8 = 48.83 (dB)

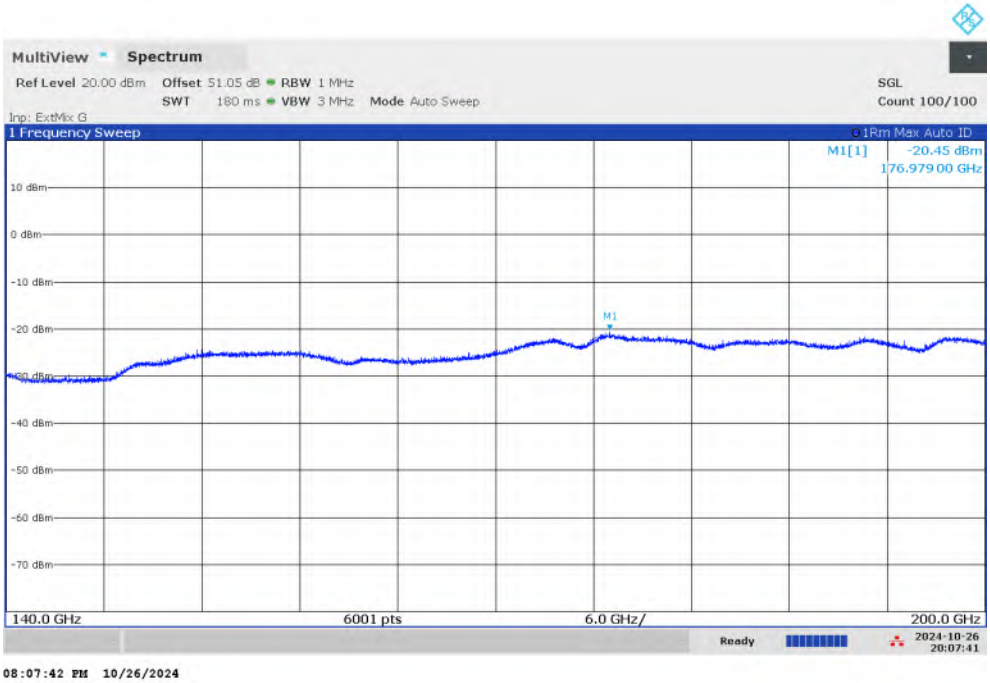
NR Band n260
(90GHz-140GHz)



Offset = Antenna Factor (dB/m) + Cable Loss (dB) + 107 + 20log (D) – 104.8

= 50.65 + 0.43 + 107 + 20log(0.5) – 104.8 = 47.26 (dB)

NR Band n260
(140GHz-200GHz)



Offset = Antenna Factor (dB/m) + Cable Loss (dB) + 107 + 20log (D) – 104.8

= 54.44 + 0.43 + 107 + 20log(0.5) – 104.8 = 51.05(dB)

Frequency Stability

Test Conditions		NR Band n260 / Middle Channel			Limit
Temperature (°C)	Voltage (Volt)	CW tone			Note 2.
		Frequency (GHz)	Deviation (kHz)	Deviation (ppm)	Result
50	Normal Voltage	38.508765	22.000	0.571	Pass
40	Normal Voltage	38.508733	54.000	1.403	
30	Normal Voltage	38.50874	47.000	1.221	
20(Ref.)	Normal Voltage	38.508787	0.000	0.000	
10	Normal Voltage	38.508765	22.000	0.571	
0	Normal Voltage	38.508724	63.000	1.636	
-10	Normal Voltage	38.50878	7.000	0.182	
-20	Normal Voltage	38.5088089	-21.900	0.569	
-30	Normal Voltage	38.5088159	-28.900	0.751	
20	Maximum Voltage	38.508777	10.000	0.260	
20	Normal Voltage	38.508773	14.000	0.364	
20	Battery End Point	38.508769	18.000	0.468	

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 n261 AG0+1

Occupied Bandwidth

Mode	DFT-s-OFDM Module 1 NR Band n261 : 99%OBW(MHz)								
BW	50MHz			100MHz			200MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	46.04	46.03	45.98	91.35	91.52	91.46	190.12	190.43	189.97
Middle CH	45.85	45.71	45.95	91.06	91.40	91.27	190.05	190.14	190.16
Highest CH	45.64	45.93	45.96	91.28	91.50	91.37	190.23	190.47	190.01

Mode	DFT-s-OFDM Module 1 NR Band n261 : 99%OBW(MHz)					
BW	300MHz			400MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	288.39	288.21	288.05	388.94	389.18	387.91
Middle CH	288.46	288.29	288.63	388.39	388.14	387.09
Highest CH	288.22	288.07	288.09	388.06	388.00	388.04

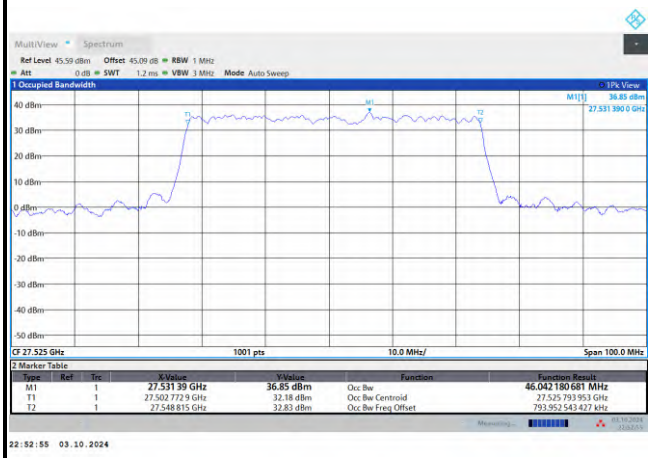
Mode	CP-OFDM Module 1 NR Band n261 : 99%OBW(MHz)		
BW	50MHz	100MHz	200MHz
Mod.	QPSK	QPSK	QPSK
Lowest CH	45.96	94.26	192.32
Middle CH	45.97	94.15	193.19
Highest CH	45.98	94.28	192.86

Mode	CP-OFDM Module 1 NR Band n261 : 99%OBW(MHz)	
BW	300MHz	400MHz
Mod.	QPSK	QPSK
Lowest CH	290.49	391.18
Middle CH	290.97	389.88
Highest CH	291.25	390.17

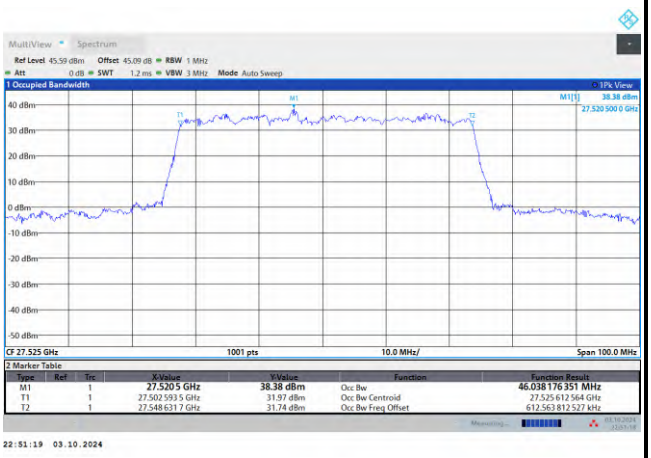
DFT-s-OFDM Module 1

NR Band n261

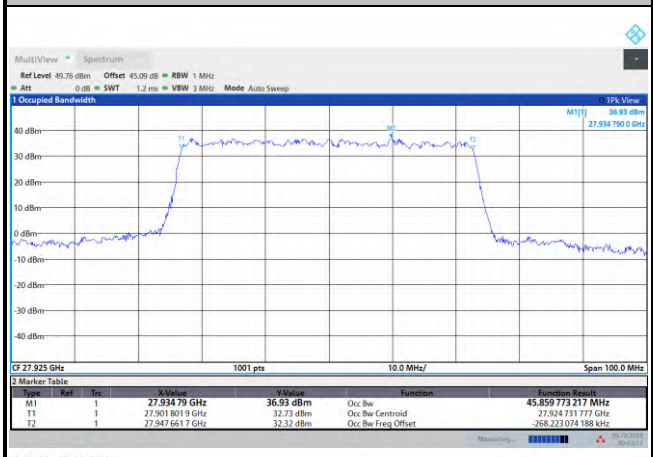
Lowest Channel / 50MHz / QPSK



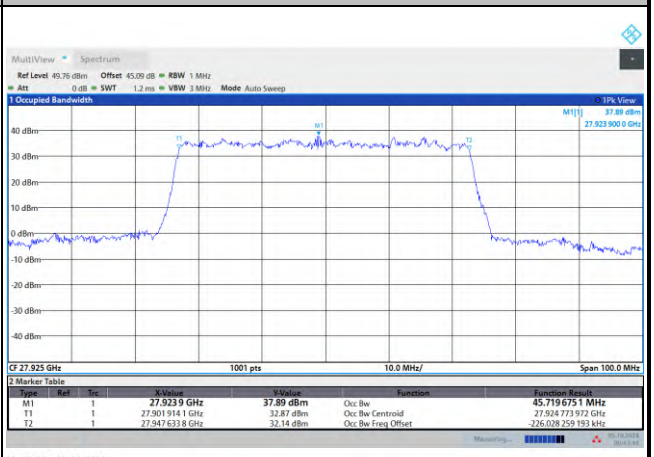
Lowest Channel / 50MHz / 16QAM



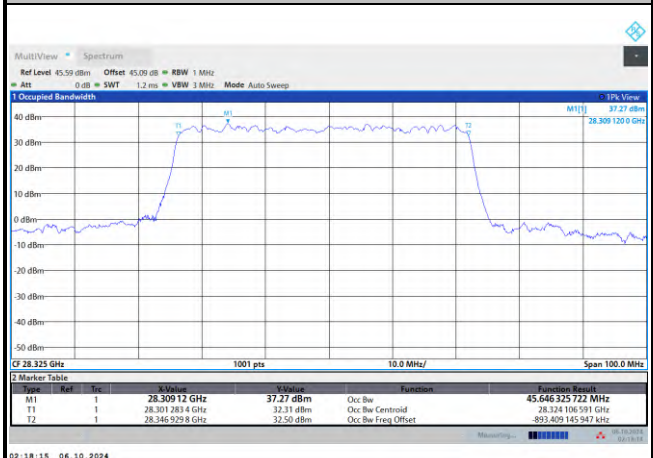
Middle Channel / 50MHz / QPSK



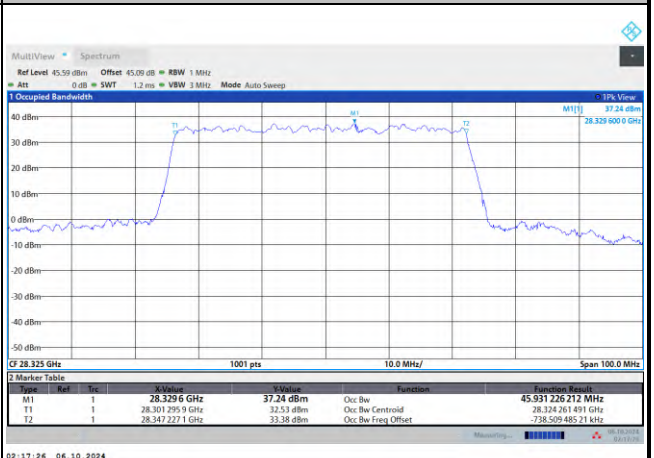
Middle Channel / 50MHz / 16QAM



Highest Channel / 50MHz / QPSK



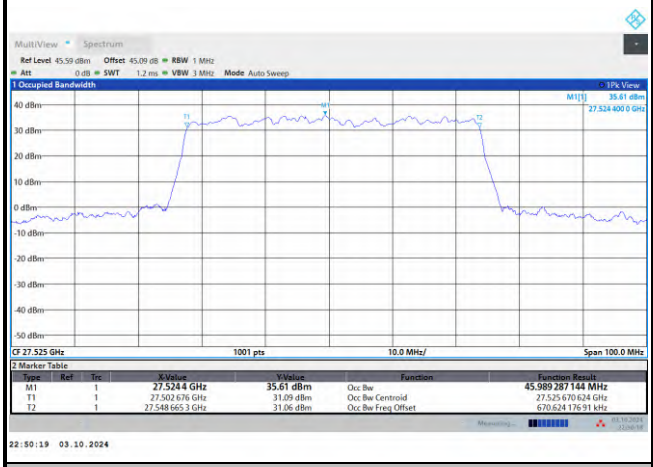
Highest Channel / 50MHz / 16QAM



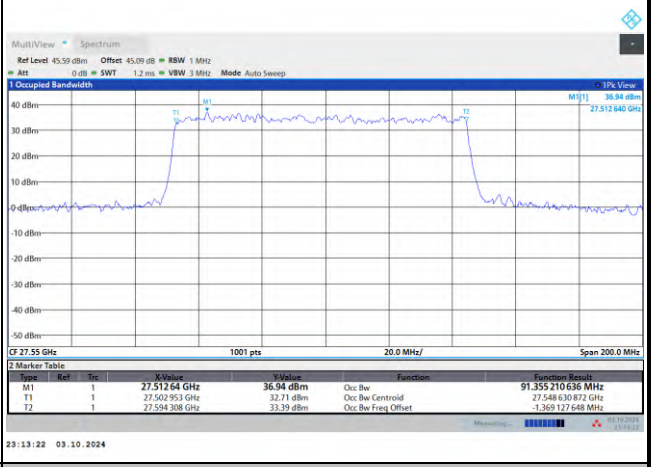
DFT-s-OFDM Module 1

NR Band n261

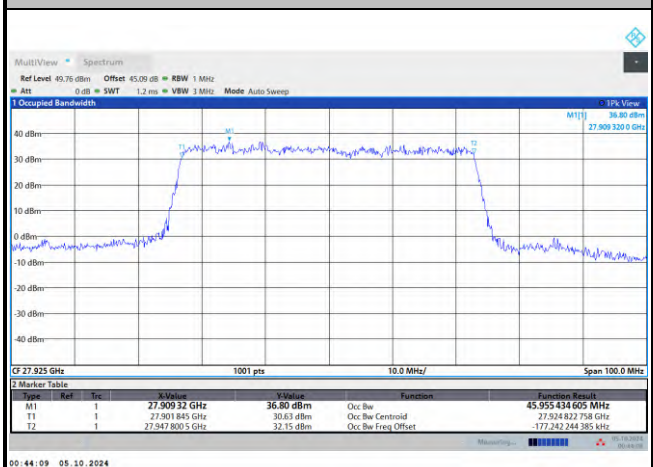
Lowest Channel / 50MHz / 64QAM



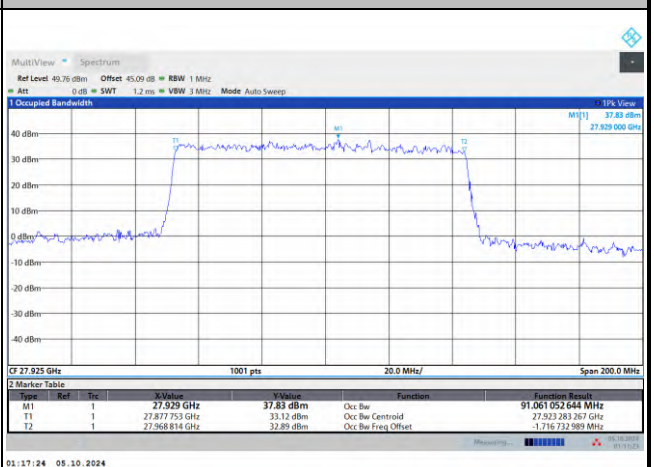
Lowest Channel / 100MHz / QPSK



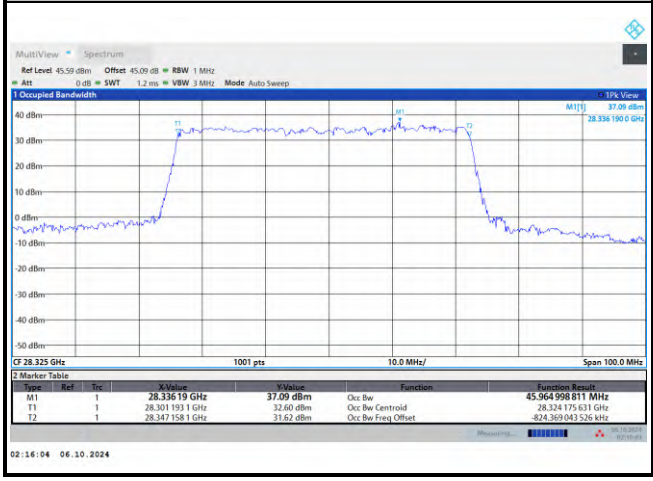
Middle Channel / 50MHz / 64QAM



Middle Channel / 100MHz / QPSK



Highest Channel / 50MHz / 64QAM

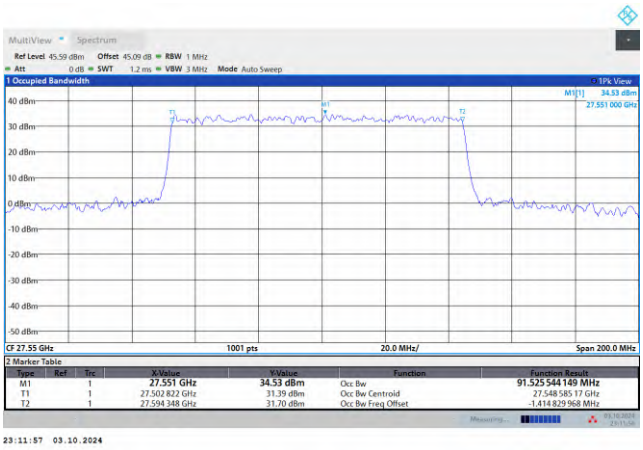


Highest Channel / 100MHz / QPSK

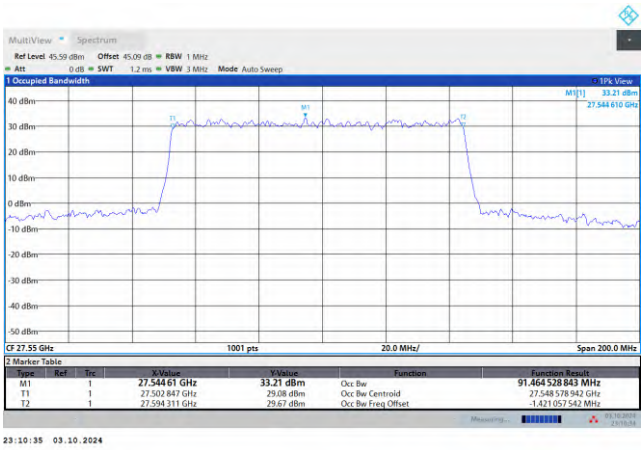
DFT-s-OFDM Module 1

NR Band n261

Lowest Channel / 100MHz / 16QAM

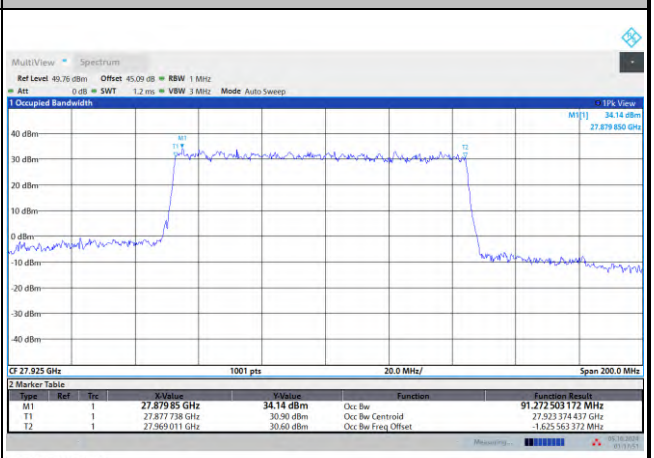


Lowest Channel / 100MHz / 64QAM

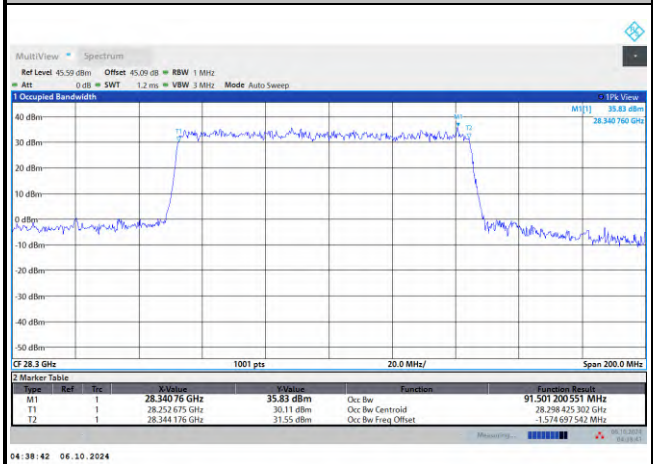


Middle Channel / 100MHz / 16QAM

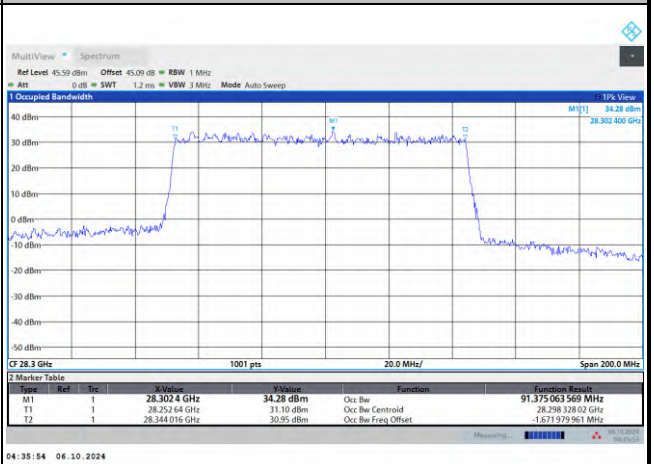
Middle Channel / 100MHz / 64QAM



Highest Channel / 100MHz / 16QAM



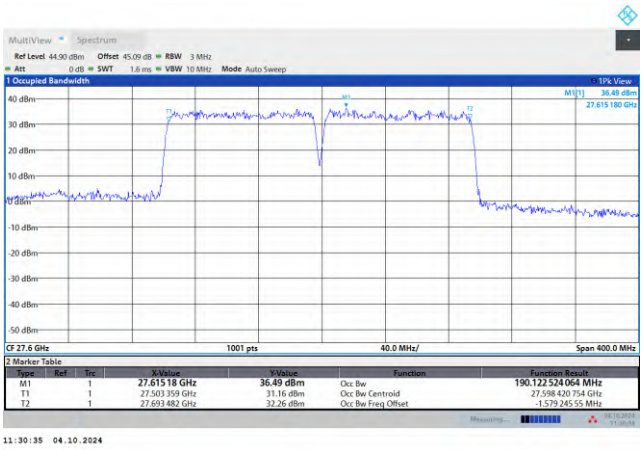
Highest Channel / 100MHz / 64QAM



DFT-s-OFDM Module 1

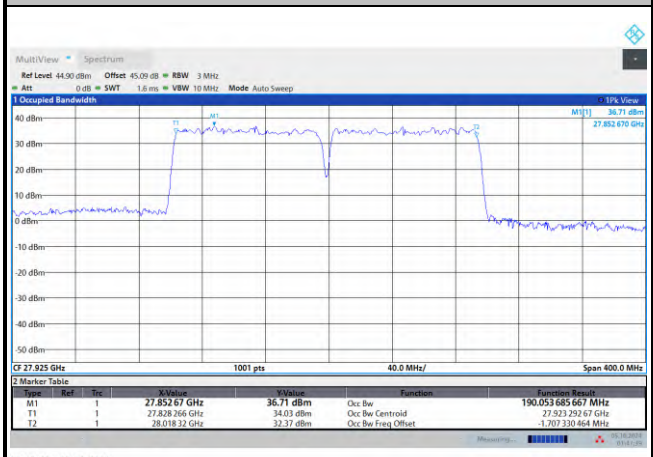
NR Band n261

Lowest Channel / 200MHz / QPSK

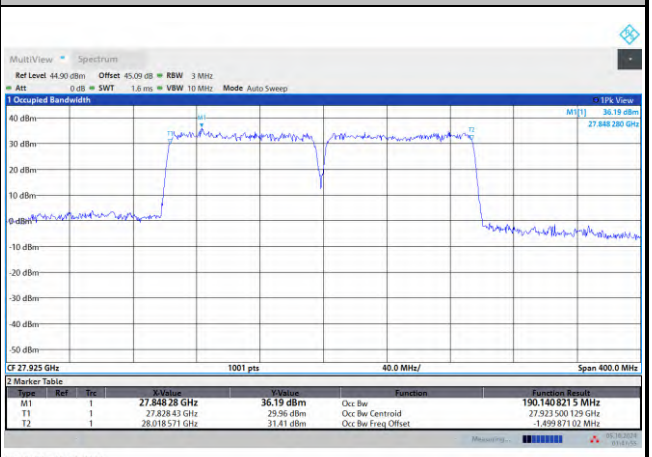


Lowest Channel / 200MHz / 16QAM

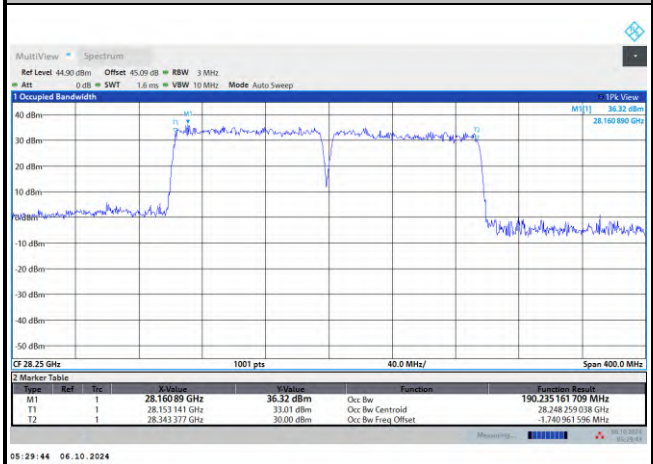
Middle Channel / 200MHz / QPSK



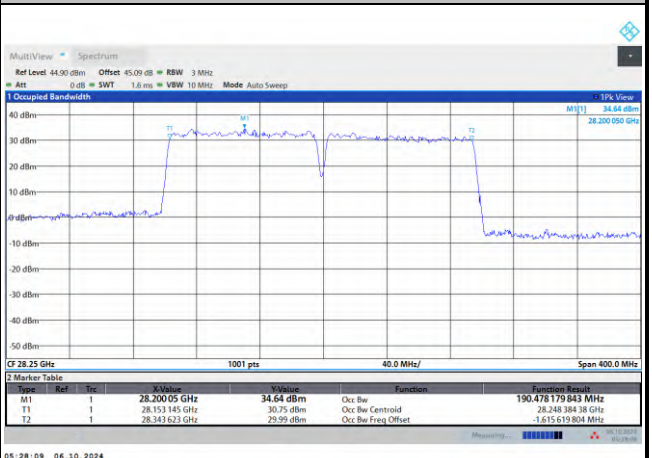
Middle Channel / 200MHz / 16QAM



Highest Channel / 200MHz / QPSK



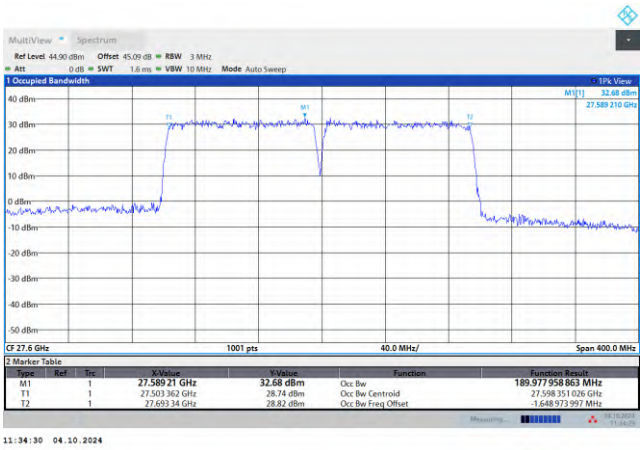
Highest Channel / 200MHz / 16QAM



DFT-s-OFDM Module 1

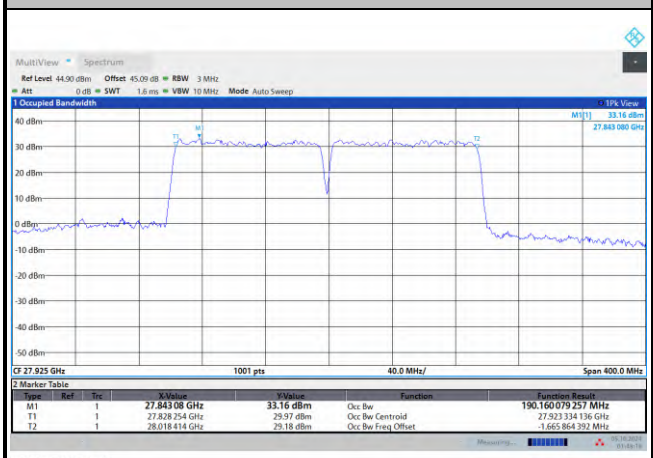
NR Band n261

Lowest Channel / 200MHz / 64QAM

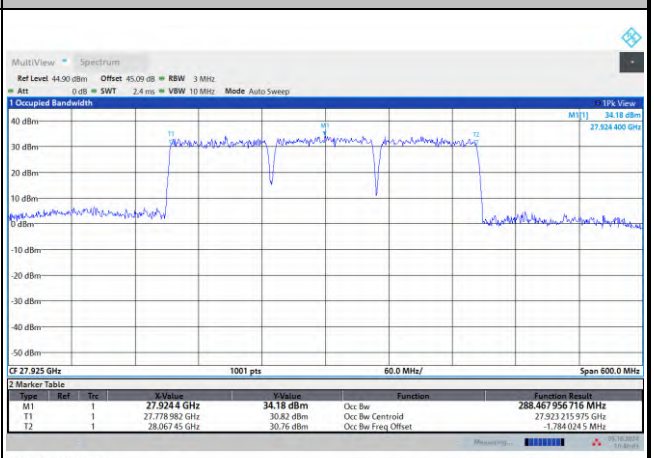


Lowest Channel / 300MHz / QPSK

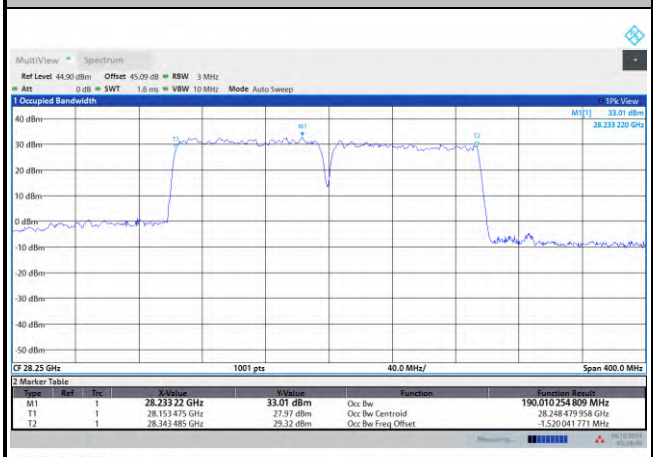
Middle Channel / 200MHz / 64QAM



Middle Channel / 300MHz / QPSK



Highest Channel / 200MHz / 64QAM

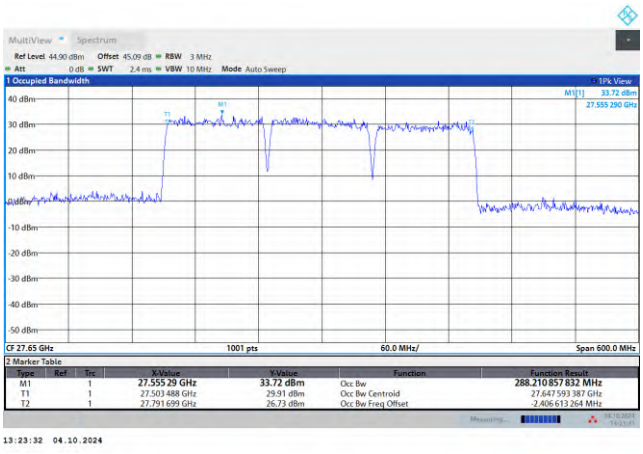


Highest Channel / 300MHz / QPSK

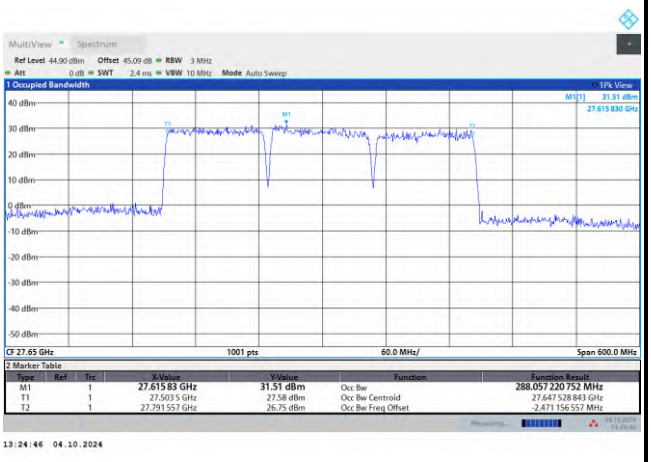
DFT-s-OFDM Module 1

NR Band n261

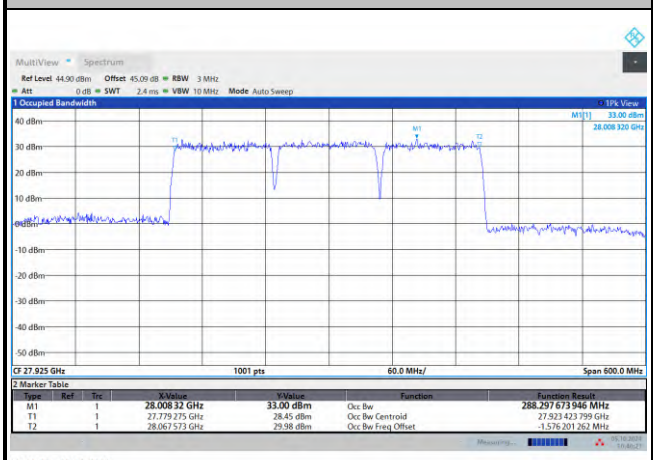
Lowest Channel / 300MHz / 16QAM



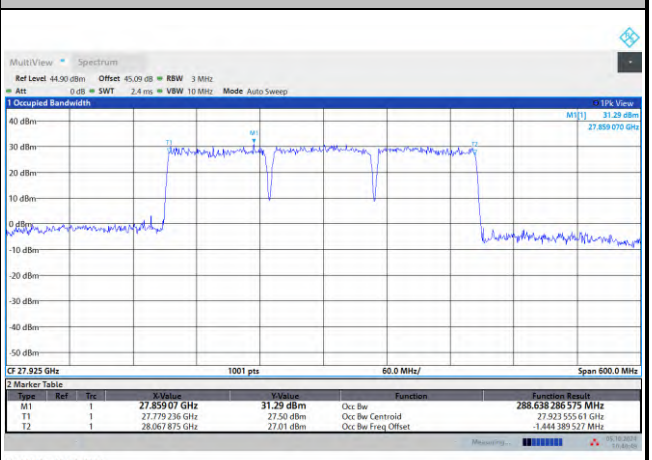
Lowest Channel / 300MHz / 64QAM



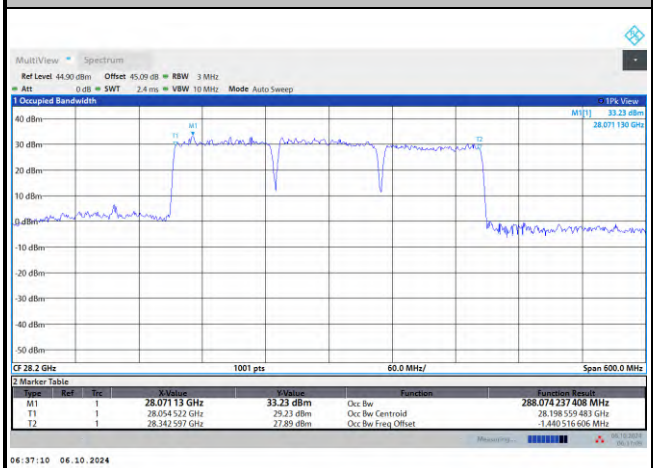
Middle Channel / 300MHz / 16QAM



Middle Channel / 300MHz / 64QAM



Highest Channel / 300MHz / 16QAM

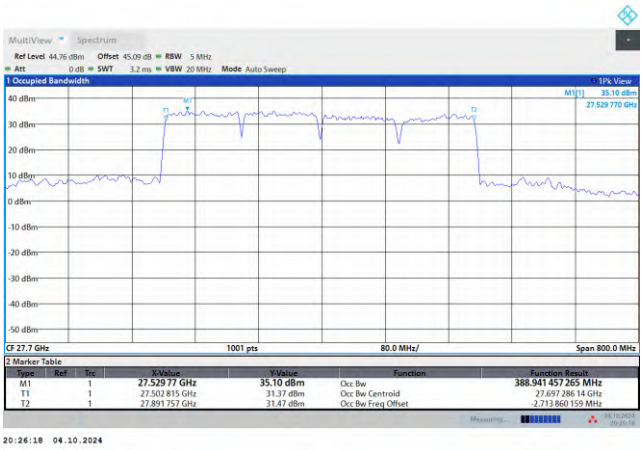


Highest Channel / 300MHz / 64QAM

DFT-s-OFDM Module 1

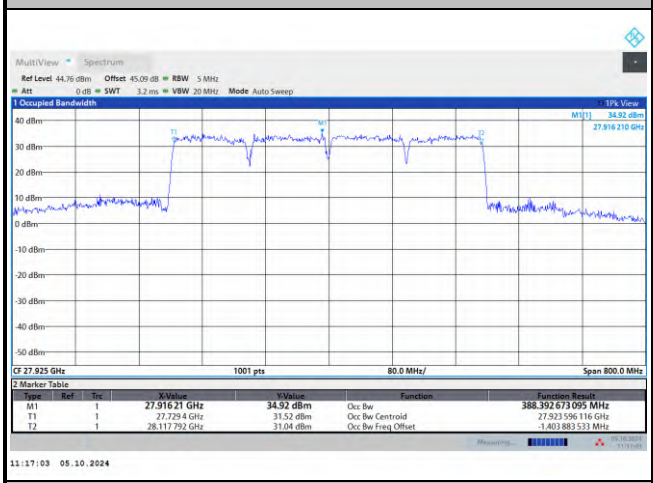
NR Band n261

Lowest Channel / 400MHz / QPSK

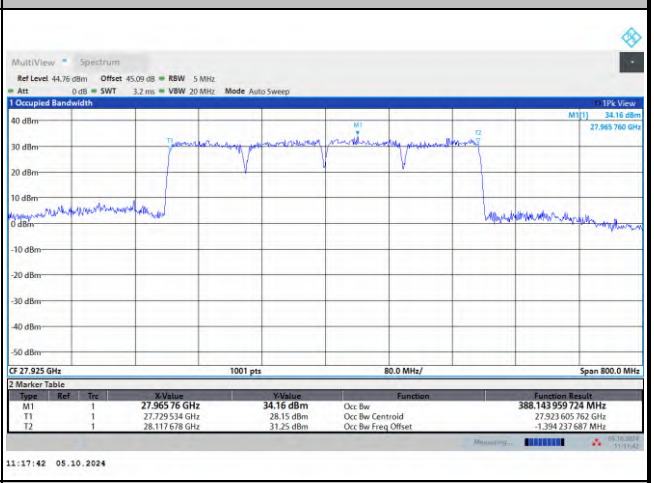


Lowest Channel / 400MHz / 16QAM

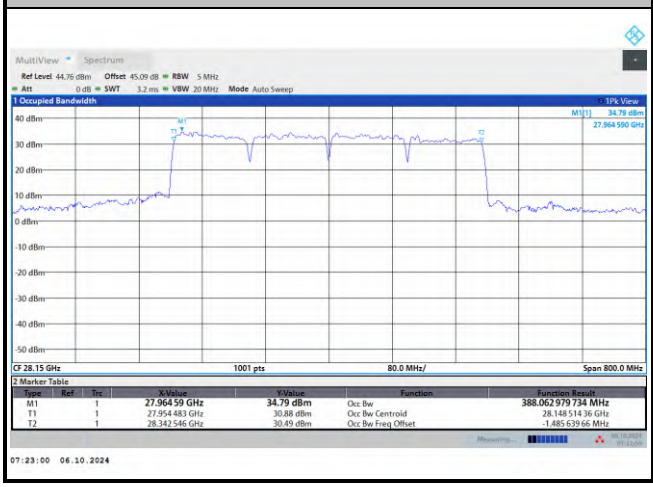
Middle Channel / 400MHz / QPSK



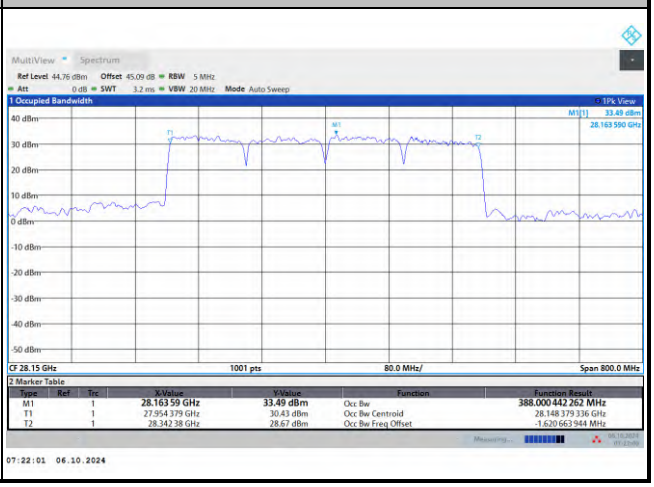
Middle Channel / 400MHz / 16QAM



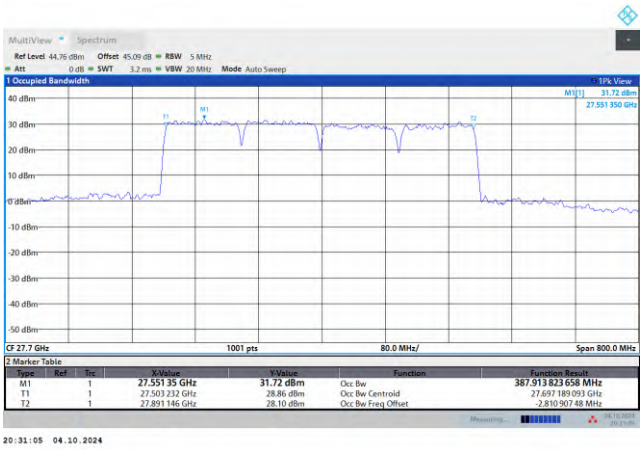
Highest Channel / 400MHz / QPSK



Highest Channel / 400MHz / 16QAM



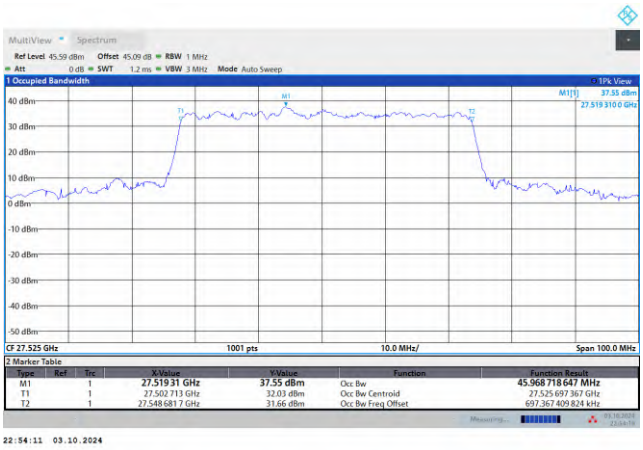
DFT-s-OFDM Module 1

NR Band n261	
Lowest Channel / 400MHz / 64QAM	
	**intentionally blank**
Middle Channel / 400MHz / 64QAM	
	intentionally blank
Highest Channel / 400MHz / 64QAM	
	intentionally blank

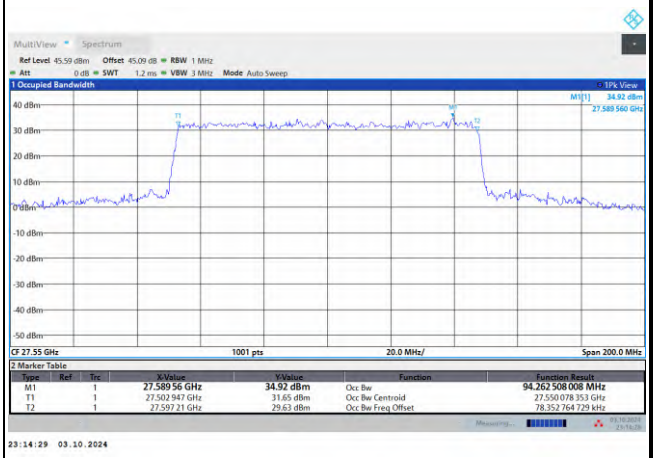
CP-OFDM Module 1

NR Band n261

Lowest Channel / 50MHz / QPSK



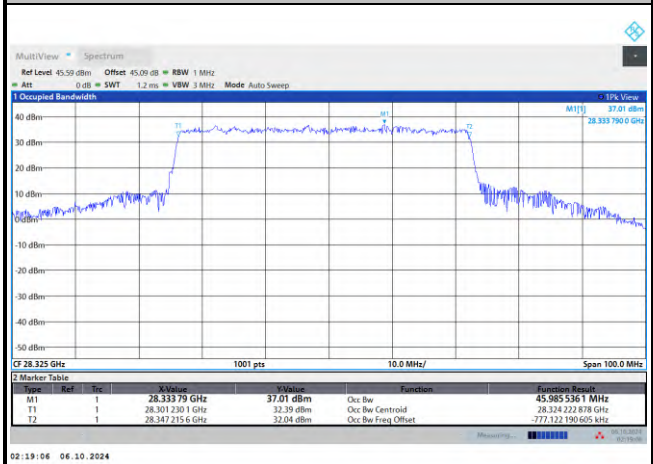
Lowest Channel / 100MHz / QPSK



Middle Channel / 50MHz / QPSK

Middle Channel / 100MHz / QPSK

Highest Channel / 50MHz / QPSK

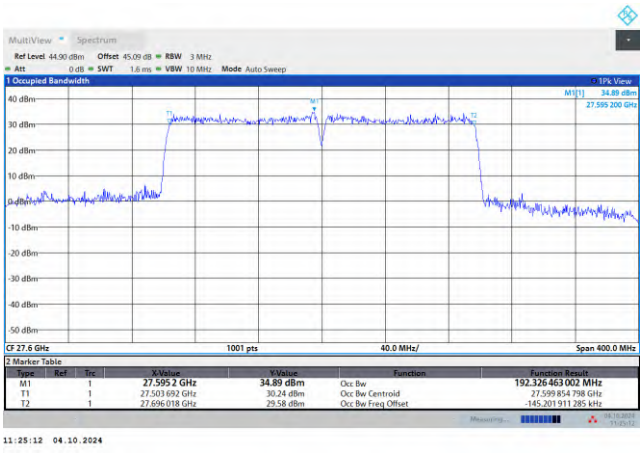


Highest Channel / 100MHz / QPSK

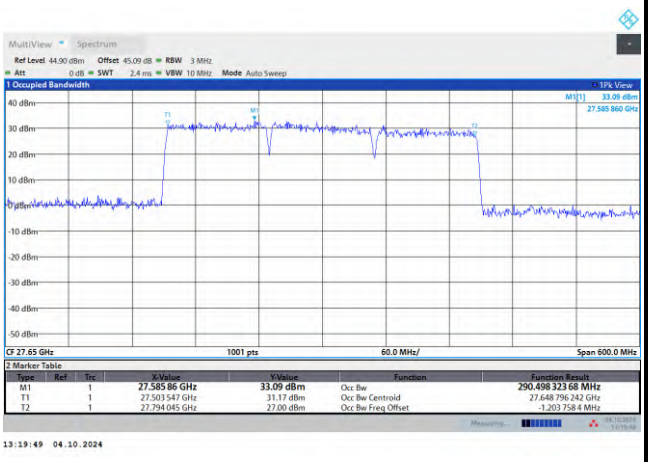
CP-OFDM Module 1

NR Band n261

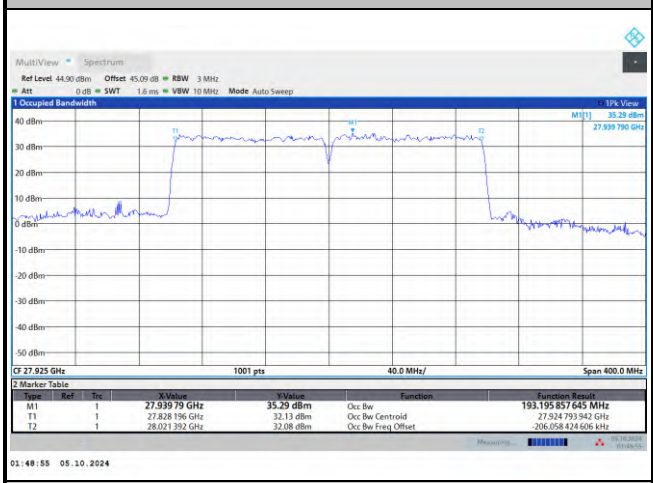
Lowest Channel / 200MHz / QPSK



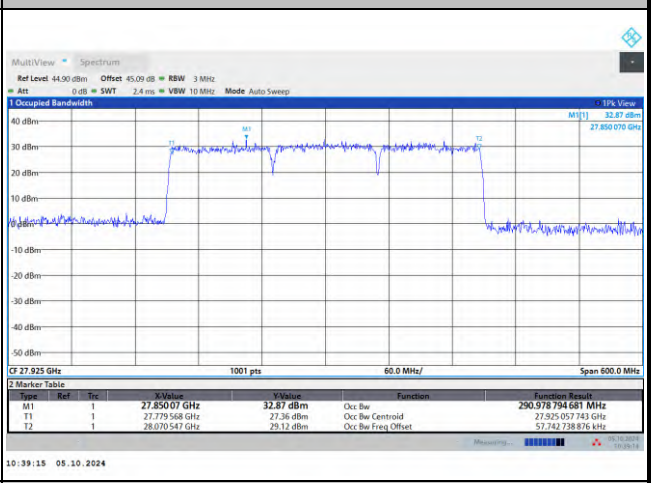
Lowest Channel / 300MHz / QPSK



Middle Channel / 200MHz / QPSK

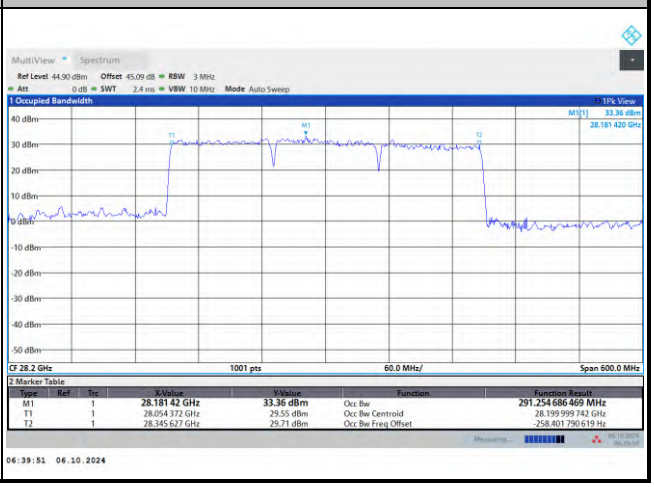


Middle Channel / 300MHz / QPSK

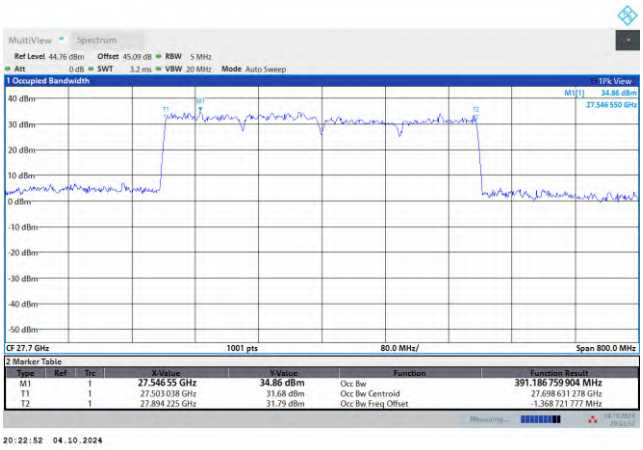
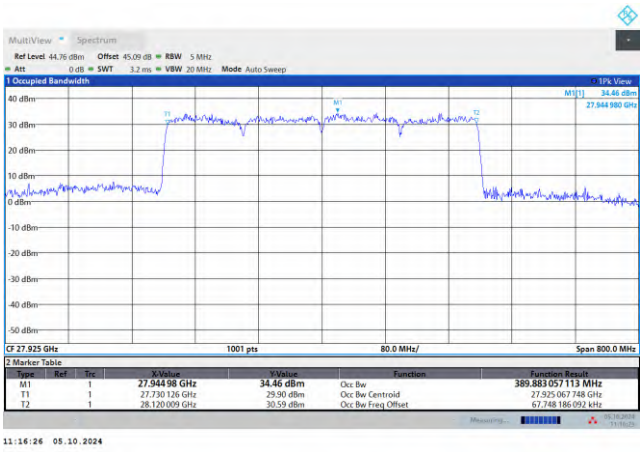


Highest Channel / 200MHz / QPSK

Highest Channel / 300MHz / QPSK



CP-OFDM Module 1

NR Band n261	
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 Module 1 NR Band n261 : 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	-22.669	-22.830	-22.662	-13.107	-13.700	-11.430	-23.020	-23.097	-23.204
	>10%OB	≦-13	-28.662	-28.852	-29.276	-31.970	-31.349	-31.235	-21.693	-20.517	-19.846
High CH	0~10%OB	≦-5	-22.996	-22.845	-23.195	-16.942	-16.927	-17.550	-23.717	-24.850	-24.086
	>10%OB	≦-13	-28.216	-27.906	-28.098	-32.362	-32.039	-32.111	-24.811	-21.930	-22.481
Result			Compliance								

Mode			DFT-s-OFDM Module 1 NR Band n261 : BE (dBm) 1 RB					
BW			300MHz			400MHz		
Limit (dBm)			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Low CH	0~10%OB	≦-5	-25.155	-25.284	-24.569	-19.993	-21.204	-19.993
	>10%OB	≦-13	-19.251	-18.185	-17.853	-16.204	-16.120	-16.204
High CH	0~10%OB	≦-5	-25.756	-26.478	-23.855	-26.876	-25.995	-21.726
	>10%OB	≦-13	-20.602	-18.114	-18.379	-19.655	-17.854	-17.446
Result			Compliance					

Mode			CP-OFDM Module 1 NR Band n261 : BE (dBm) 1 RB		
BW			50MHz	100MHz	200MHz
Limit (dBm)			QPSK	QPSK	QPSK
Low CH	0~10%OB	≦-5	-24.355	-12.090	-26.732
	>10%OB	≦-13	-29.444	-31.361	-18.772
High CH	0~10%OB	≦-5	-22.845	-16.446	-23.413
	>10%OB	≦-13	-28.121	-31.972	-21.215
Result			Compliance		

Mode			CP-OFDM Module 1 NR Band n261 : BE (dBm) 1 RB	
BW			300MHz	400MHz
Limit (dBm)			QPSK	QPSK
Low CH	0~10%OB	≦-5	-25.060	-27.986
	>10%OB	≦-13	-15.717	-17.021
High CH	0~10%OB	≦-5	-24.876	-28.572
	>10%OB	≦-13	-19.188	-18.064
Result			Compliance	

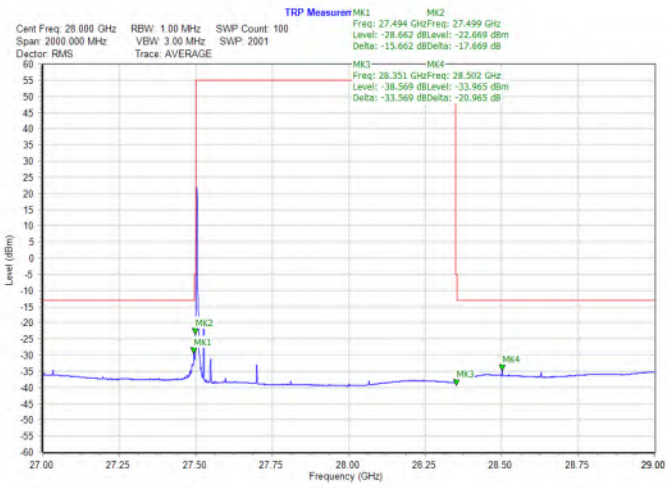
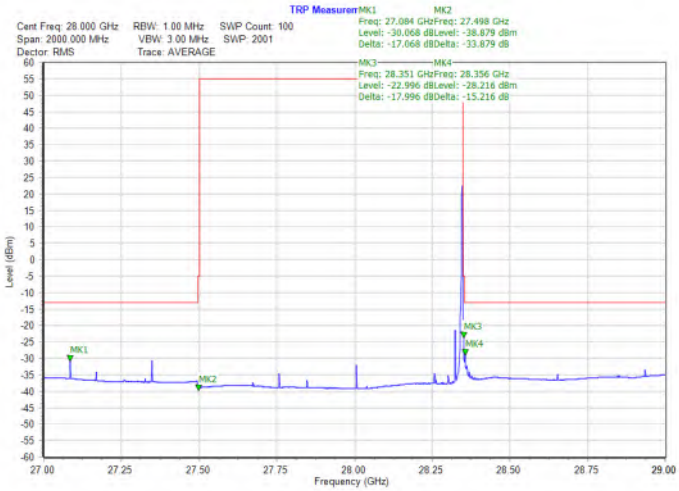
Mode			DFT-s-OFDM Module 1 NR Band n261 : BE (dBm) Full RB								
BW			50MHz			100MHz			200MHz		
Limit (dBm)			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Low CH	0~10%OB	≦-5	-23.467	-23.105	-24.822	-18.825	-22.368	-25.450	-24.707	-26.561	-13.11
	>10%OB	≦-13	-22.080	-21.947	-23.461	-18.161	-21.109	-25.971	-22.871	-24.136	-14.74
High CH	0~10%OB	≦-5	-24.306	-22.674	-23.465	-20.826	-25.197	-15.66	-15.83	-16.98	-19.46
	>10%OB	≦-13	-23.232	-21.249	-22.570	-20.414	-24.553	-16.65	-15.63	-17.81	-19.23
Result			Compliance								

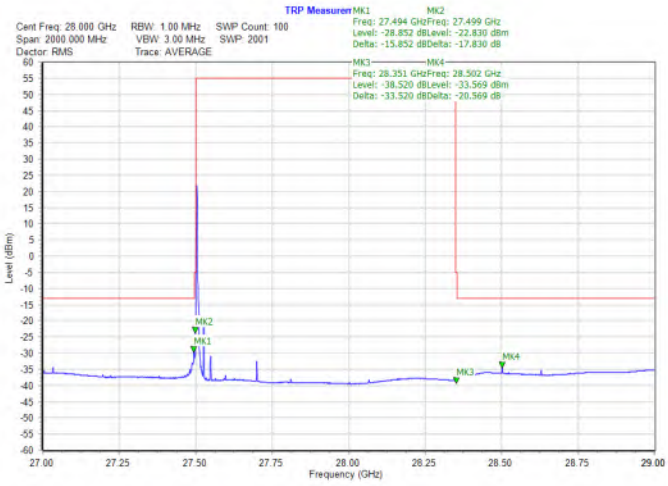
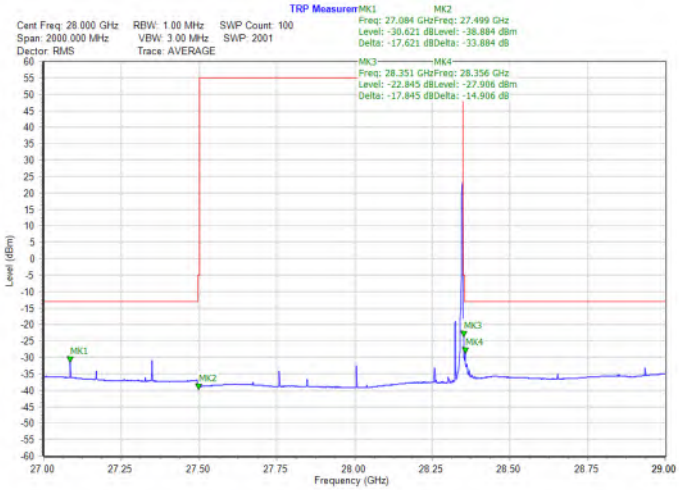
Mode			DFT-s-OFDM Module 1 NR Band n261 : BE (dBm) Full RB					
BW			300MHz			400MHz		
Limit (dBm)			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Low CH	0~10%OB	≦-5	-23.013	-25.503	-13.20	-22.450	-25.450	-12.85
	>10%OB	≦-13	-19.848	-22.554	-13.56	-19.368	-22.815	-13.84
High CH	0~10%OB	≦-5	-26.802	-15.01	-18.15	-24.717	-13.93	-17.42
	>10%OB	≦-13	-23.912	-15.08	-18.46	-22.278	-13.57	-17.12
Result			Compliance					

Mode			CP-OFDM Module 1 NR Band n261 : BE (dBm) Full RB		
BW			50MHz	100MHz	200MHz
Limit (dBm)			QPSK	QPSK	QPSK
Low CH	0~10%OB	≦-5	-18.177	-18.127	-24.515
	>10%OB	≦-13	-17.437	-17.651	-23.968
High CH	0~10%OB	≦-5	-17.209	-19.994	-13.42
	>10%OB	≦-13	-15.404	-18.945	-15.69
Result			Compliance		

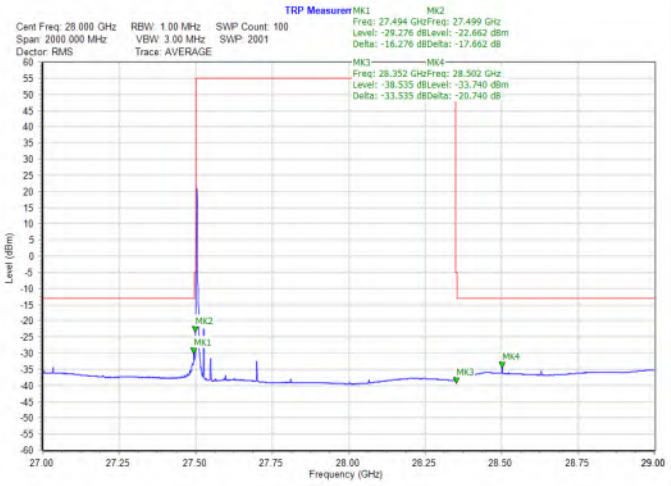
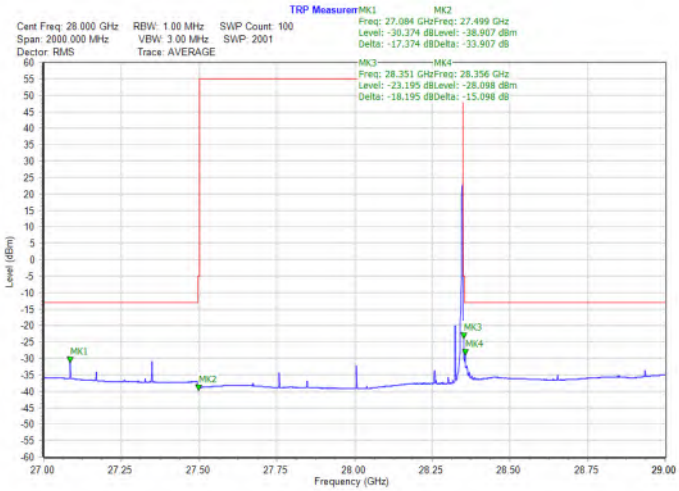
Mode			CP-OFDM Module 1 NR Band n261 : BE (dBm) Full RB	
BW			300MHz	400MHz
Limit (dBm)			QPSK	QPSK
Low CH	0~10%OB	≦-5	-24.460	-25.471
	>10%OB	≦-13	-22.655	-23.176
High CH	0~10%OB	≦-5	-12.57	-12.91
	>10%OB	≦-13	-14.69	-13.70
Result			Compliance	

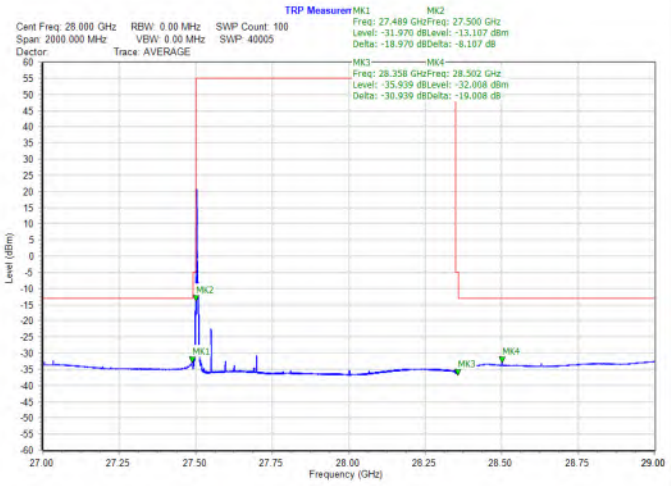
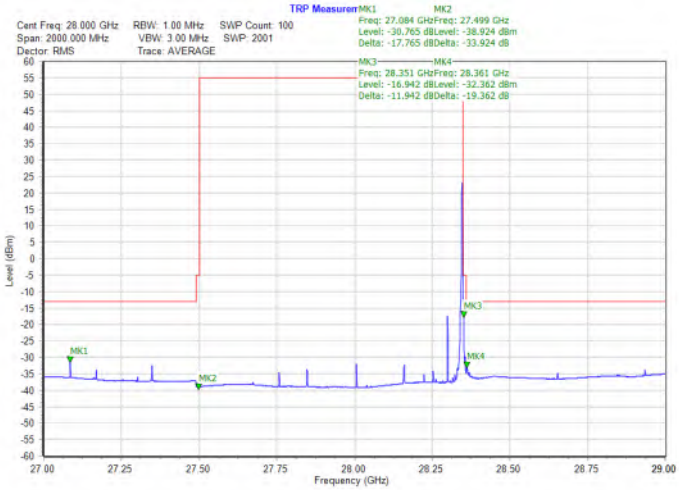
DFT-s-OFDM Module 1

NR Band n261 / 50MHz / QPSK	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	

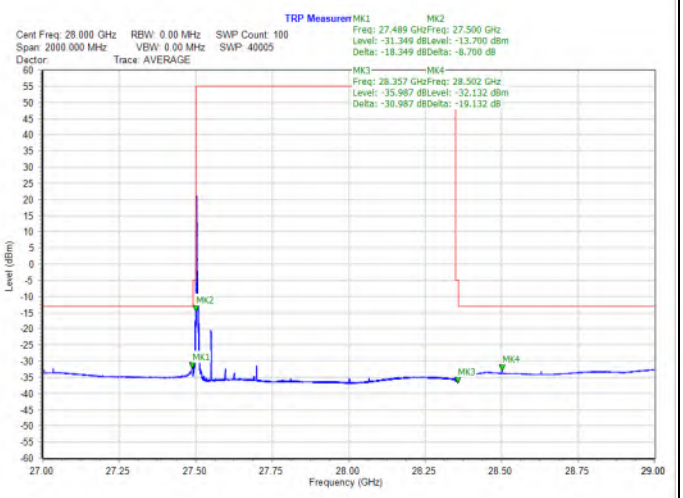
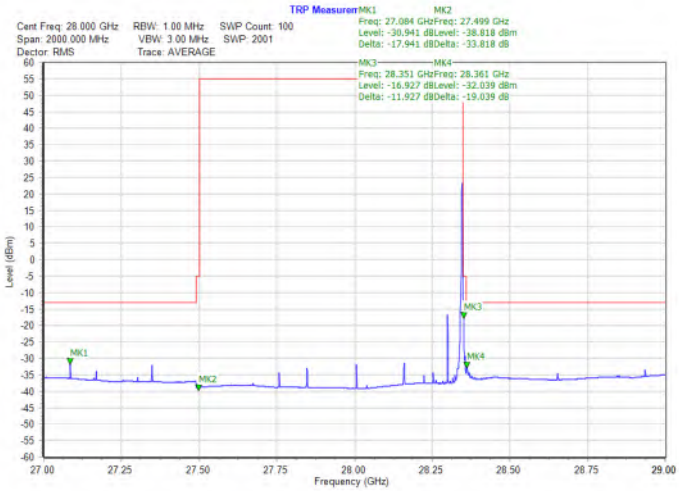
NR Band n261 / 50MHz / 16QAM	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	

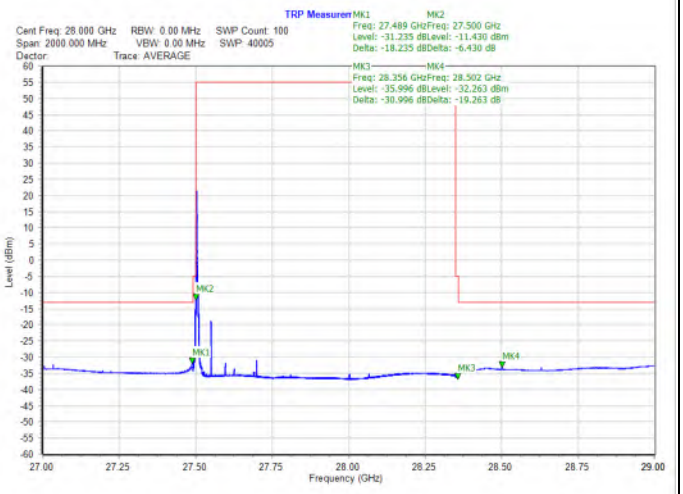
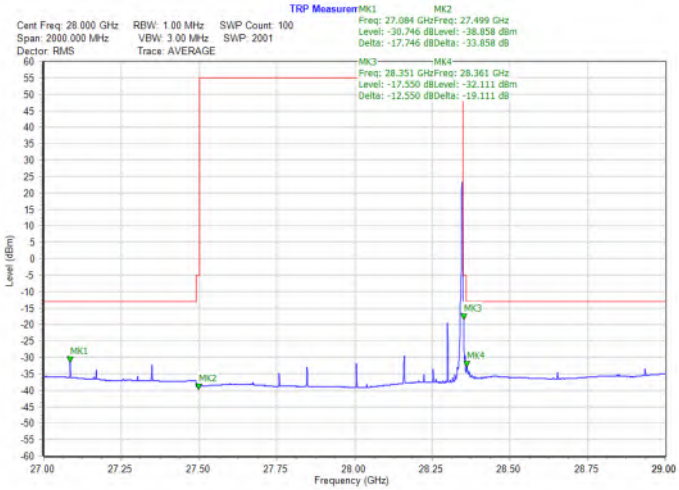
DFT-s-OFDM Module 1

NR Band n261 / 50MHz / 64QAM	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	

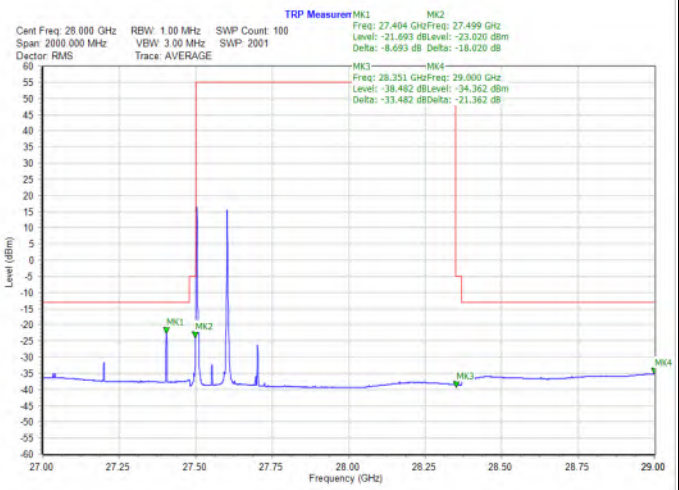
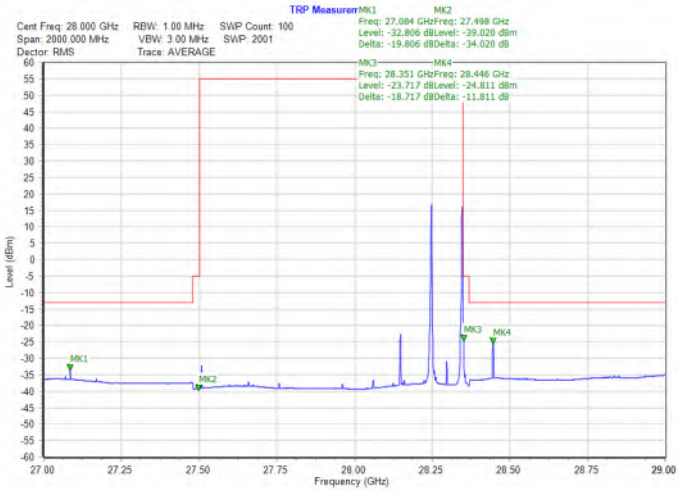
NR Band n261 / 100MHz / QPSK	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	

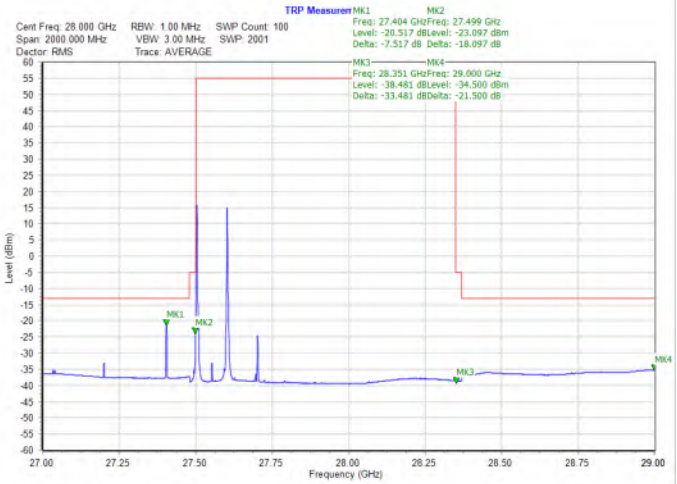
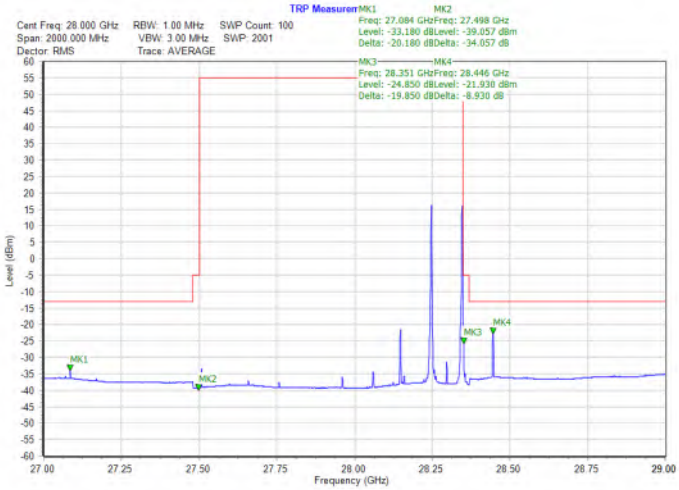
DFT-s-OFDM Module 1

NR Band n261 / 100MHz / 16QAM	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	

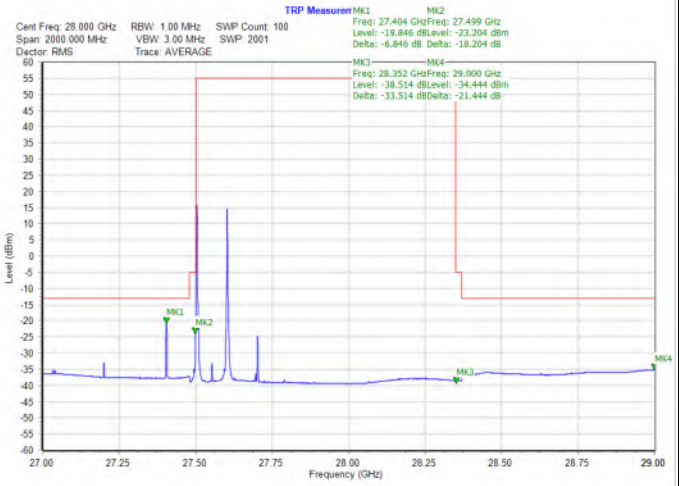
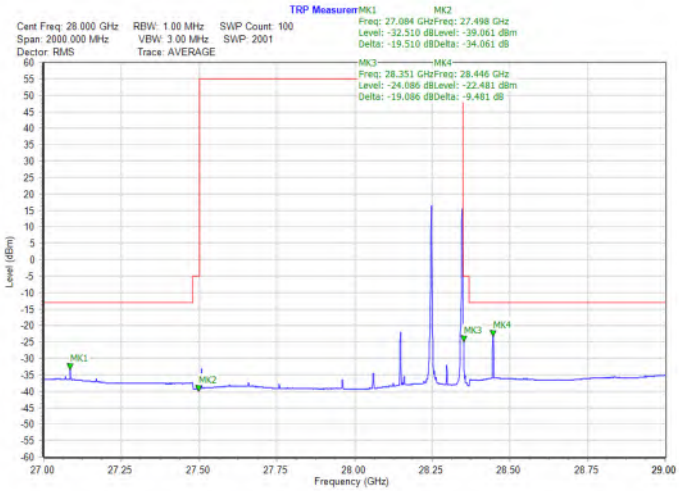
NR Band n261 / 100MHz / 64QAM	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	

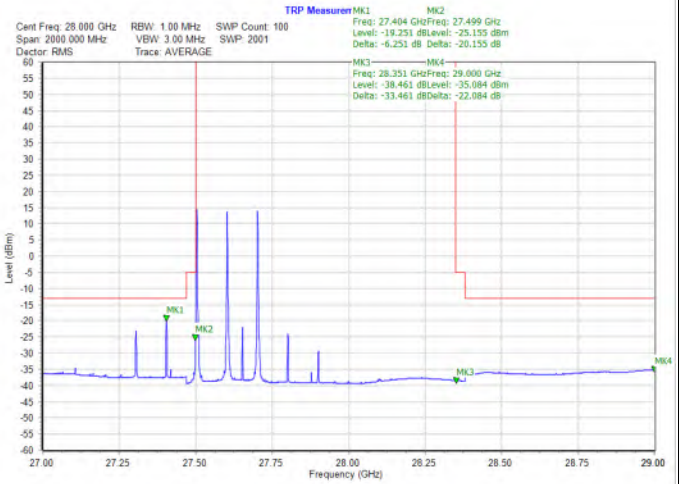
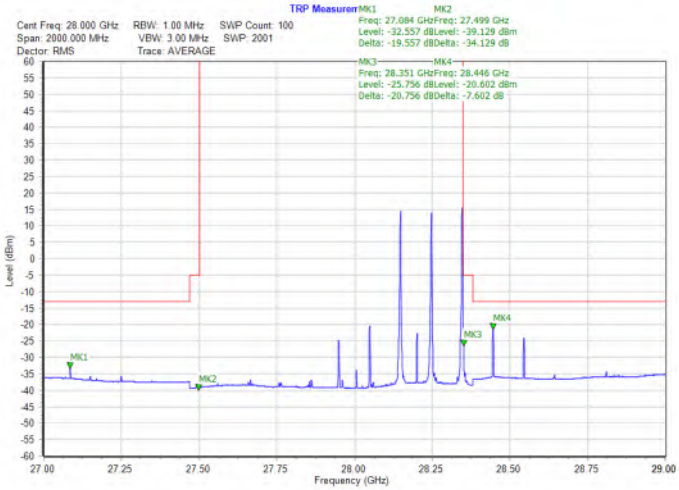
DFT-s-OFDM Module 1

NR Band n261 / 200MHz / QPSK	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	

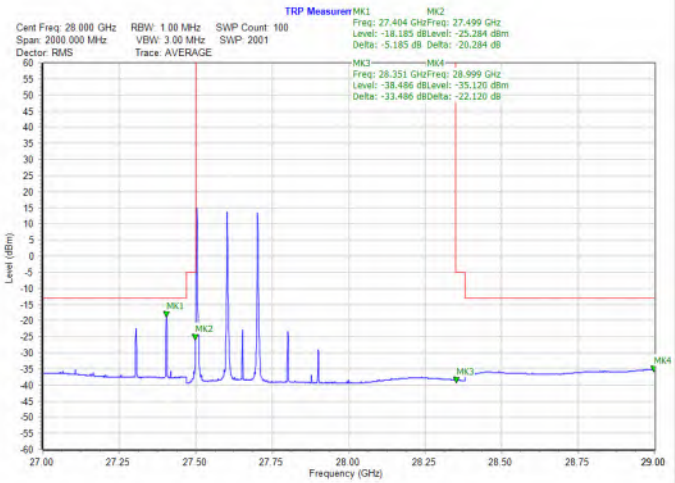
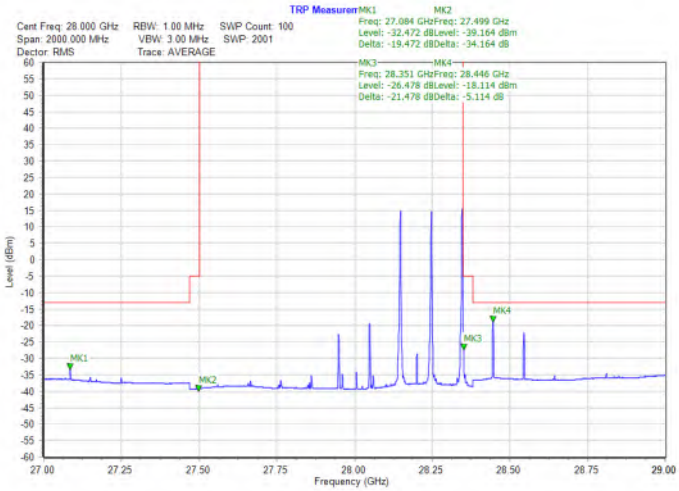
NR Band n261 / 200MHz / 16QAM	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	

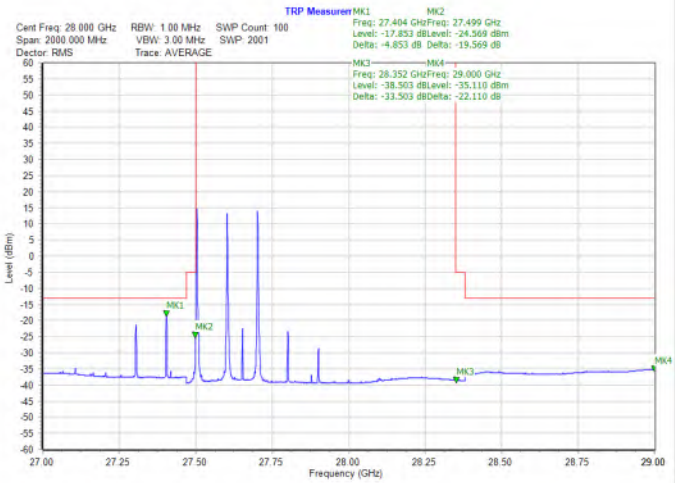
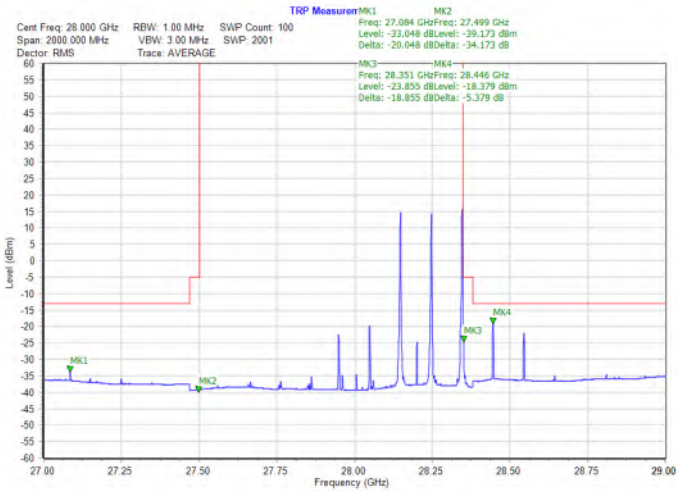
DFT-s-OFDM Module 1

NR Band n261 / 200MHz / 64QAM	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	

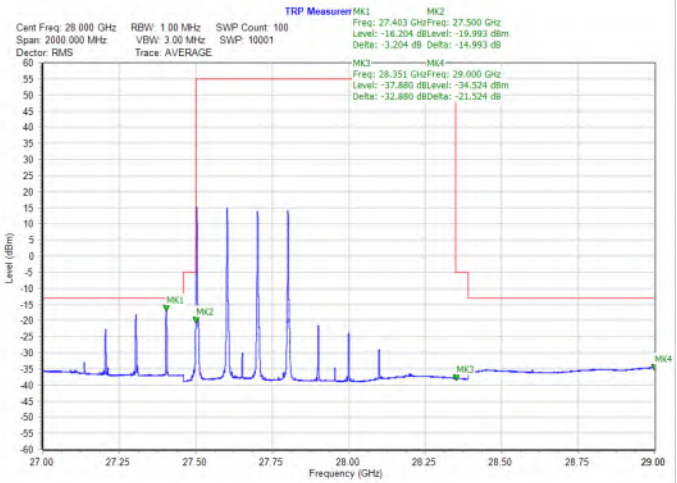
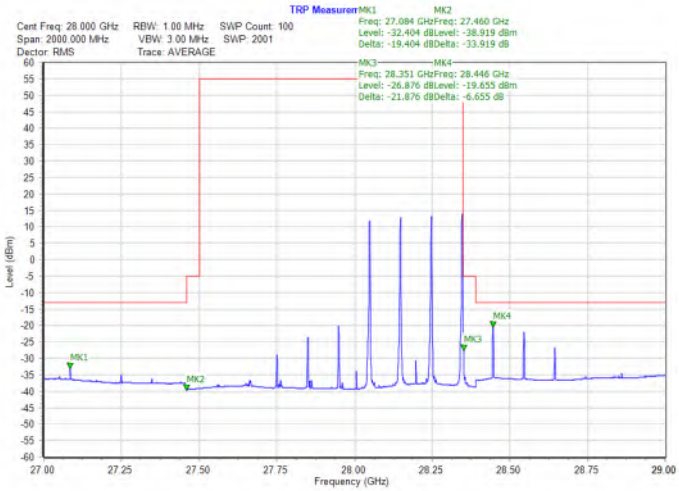
NR Band n261 / 300MHz / QPSK	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	

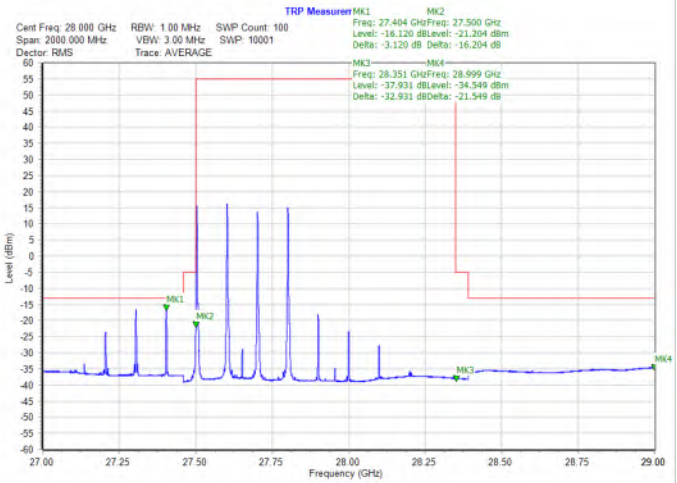
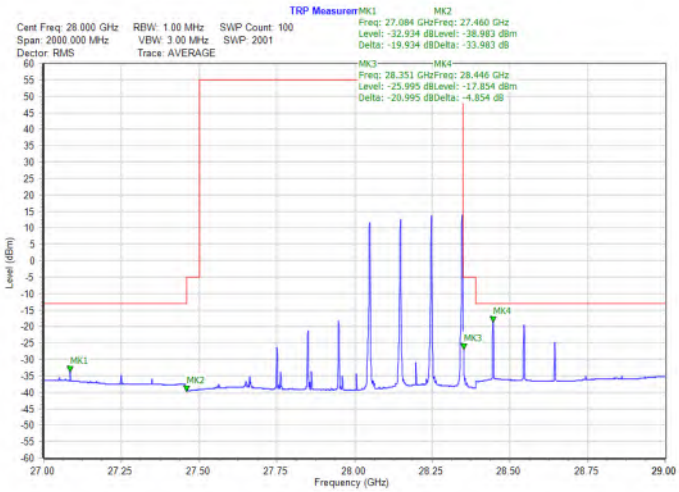
DFT-s-OFDM Module 1

NR Band n261 / 300MHz / 16QAM	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	

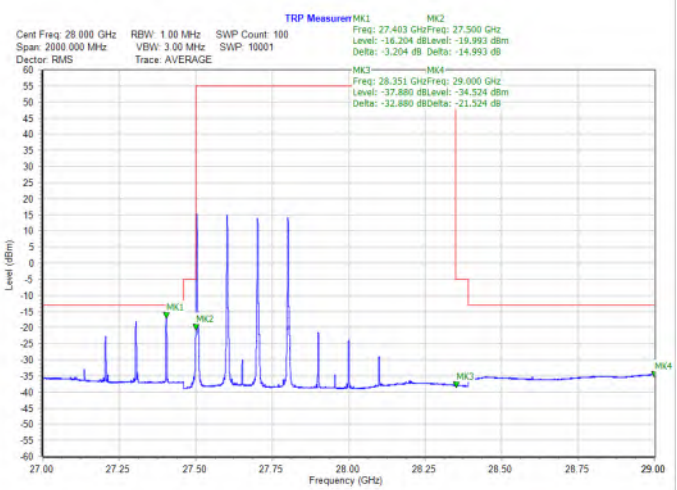
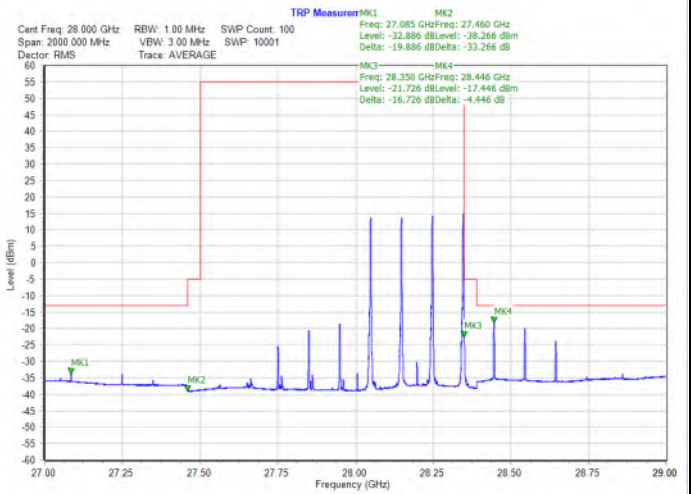
NR Band n261 / 300MHz / 64QAM	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	

DFT-s-OFDM Module 1

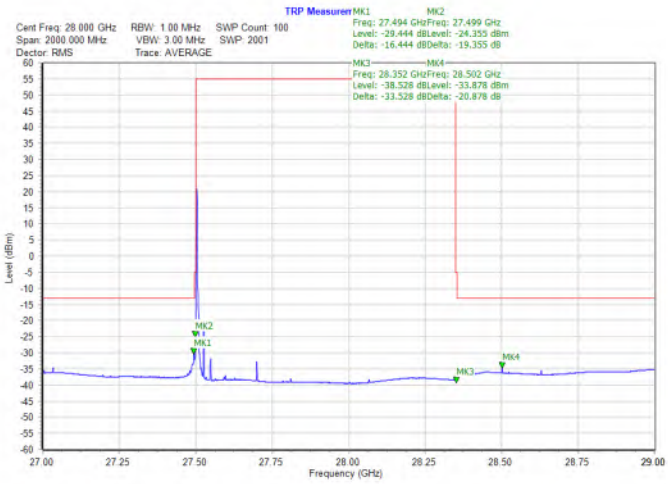
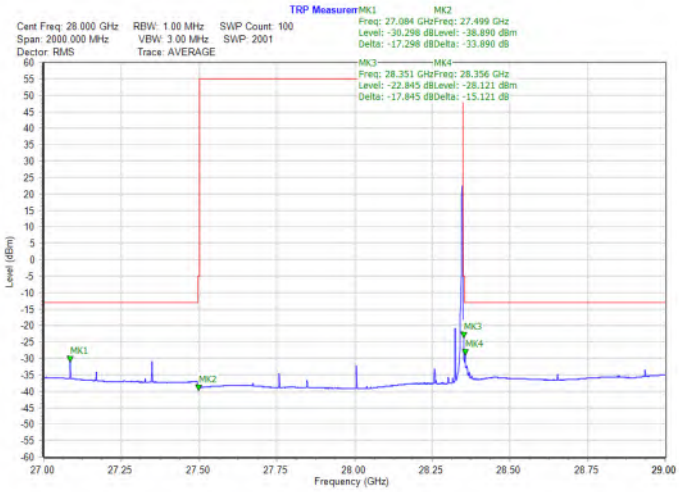
NR Band n261 / 400MHz / QPSK	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	

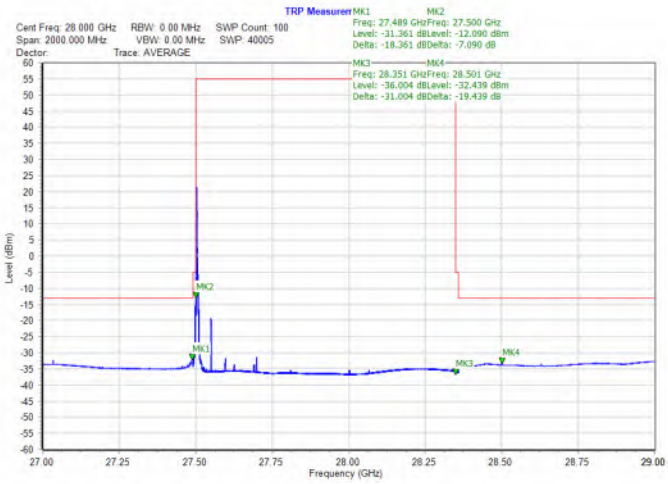
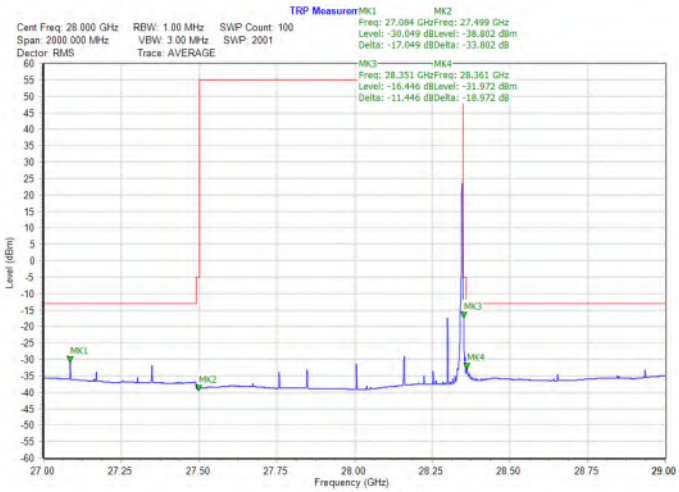
NR Band n261 / 400MHz / 16QAM	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	

DFT-s-OFDM Module 1

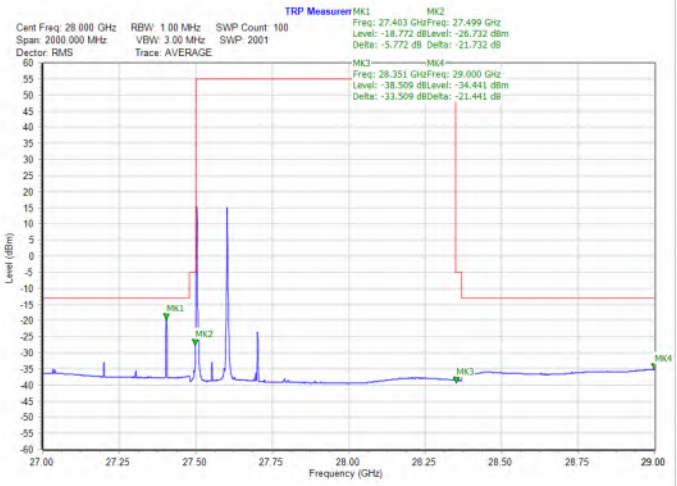
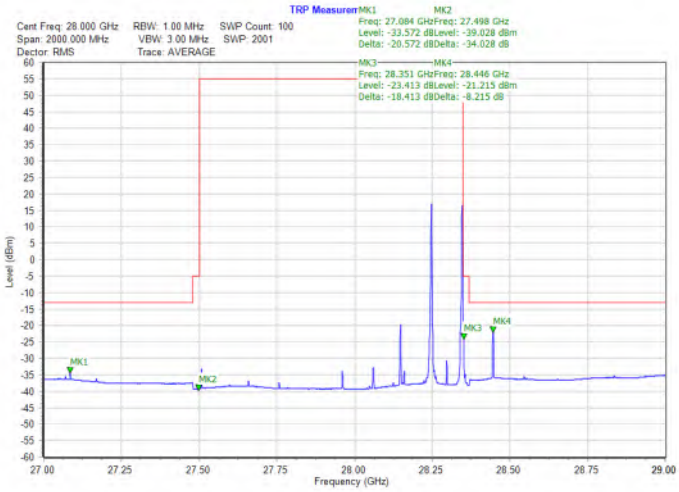
NR Band n261 / 400MHz / 64QAM	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	

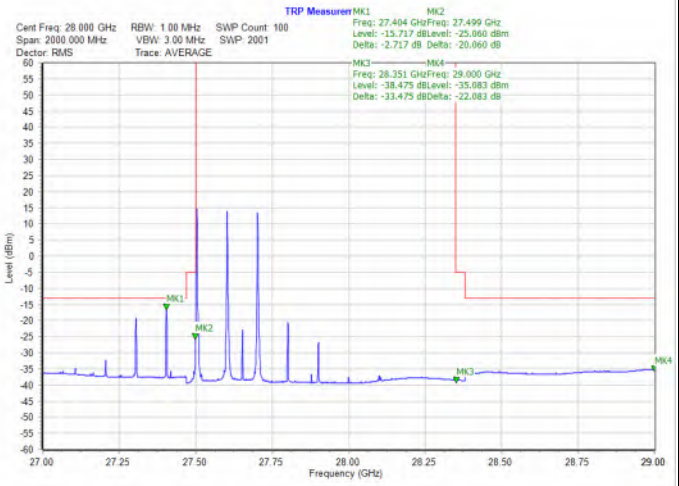
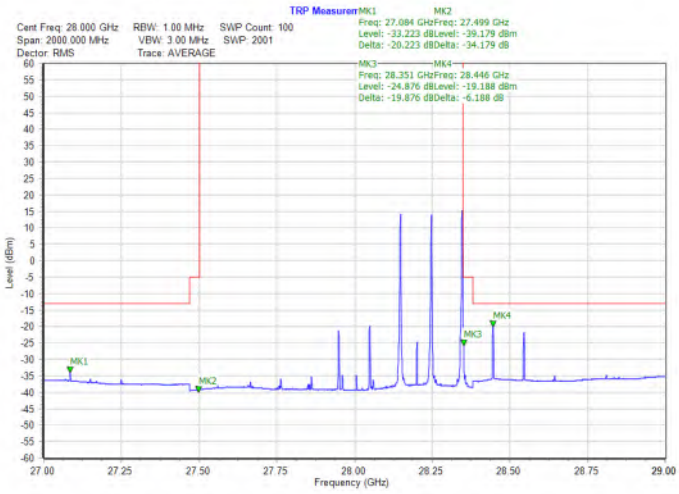
CP-OFDM Module 1

NR Band n261 / 50MHz / QPSK	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	

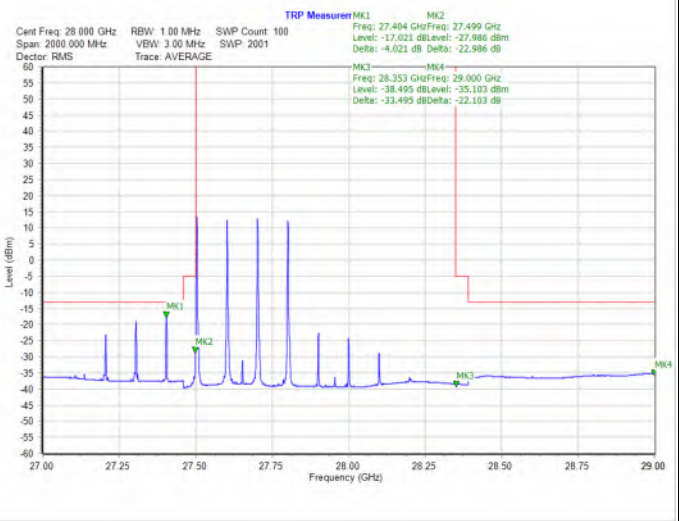
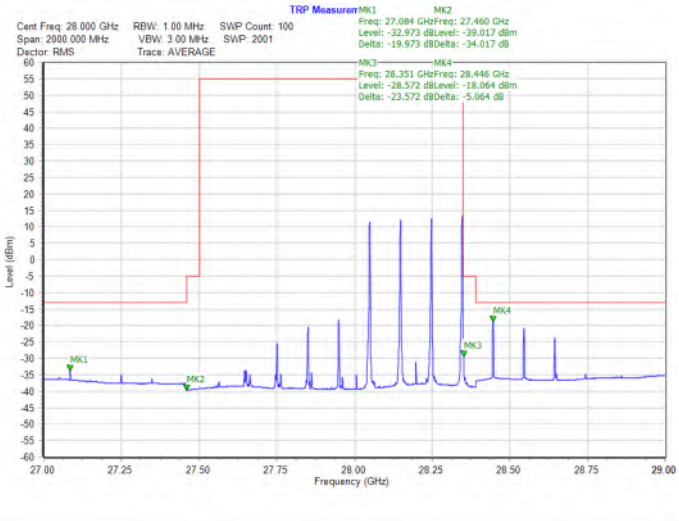
NR Band n261 / 100MHz / QPSK	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	

CP-OFDM Module 1

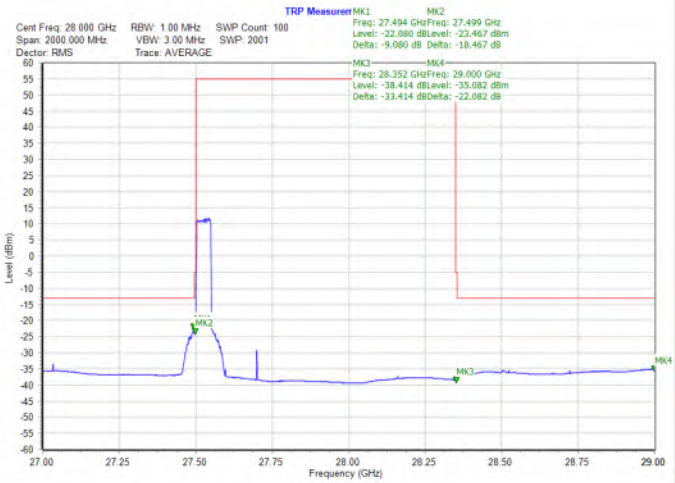
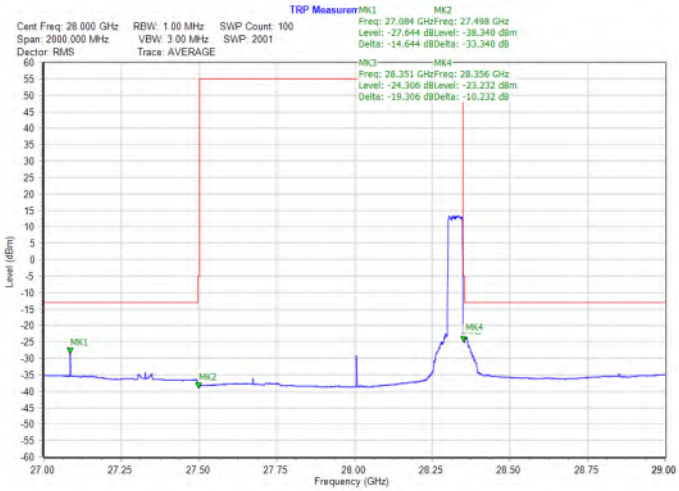
NR Band n261 / 200MHz / QPSK	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	

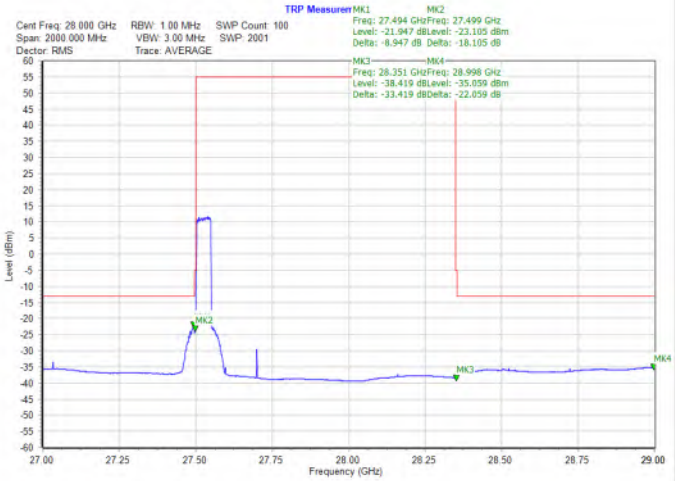
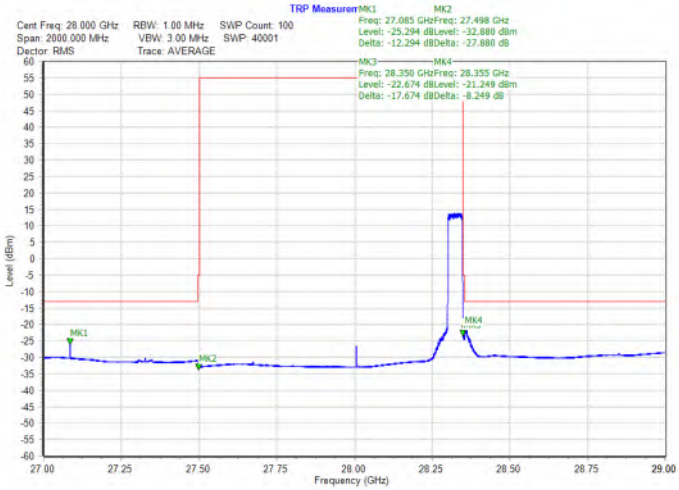
NR Band n261 / 300MHz / QPSK	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	

CP-OFDM Module 1

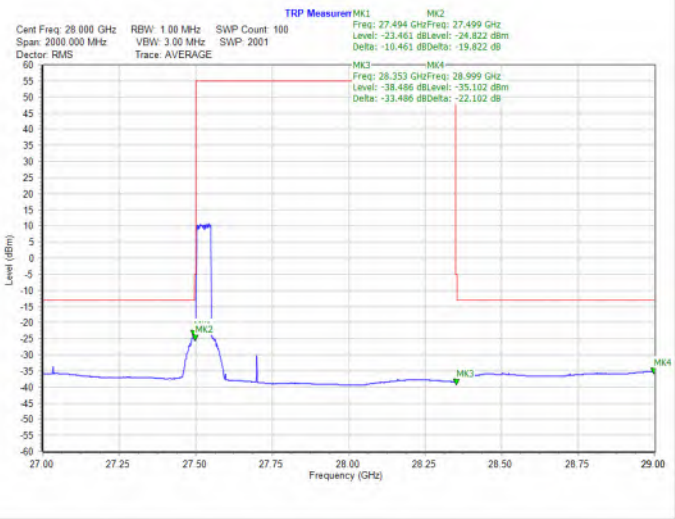
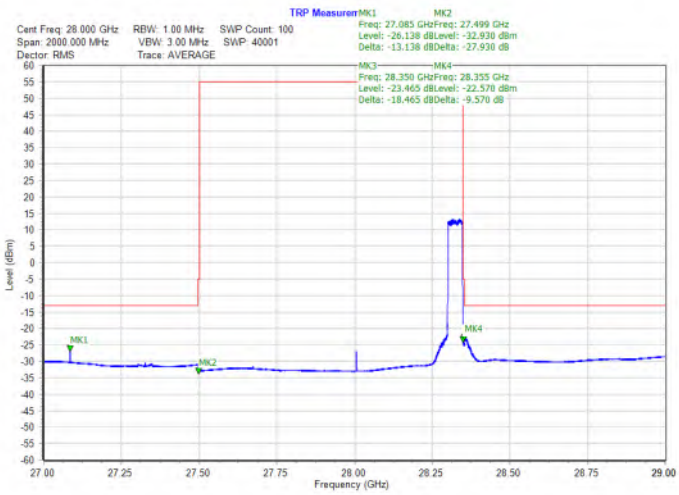
NR Band n261 / 400MHz / QPSK	
Lowest Band Edge / 1 RB	Highest Band Edge / 1 RB
	

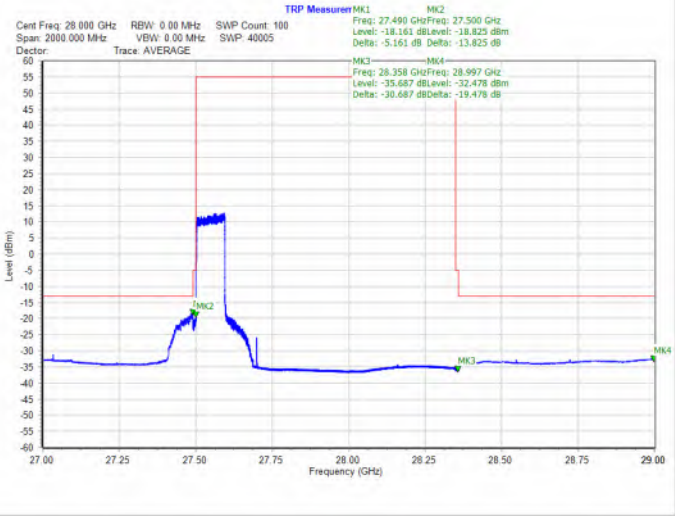
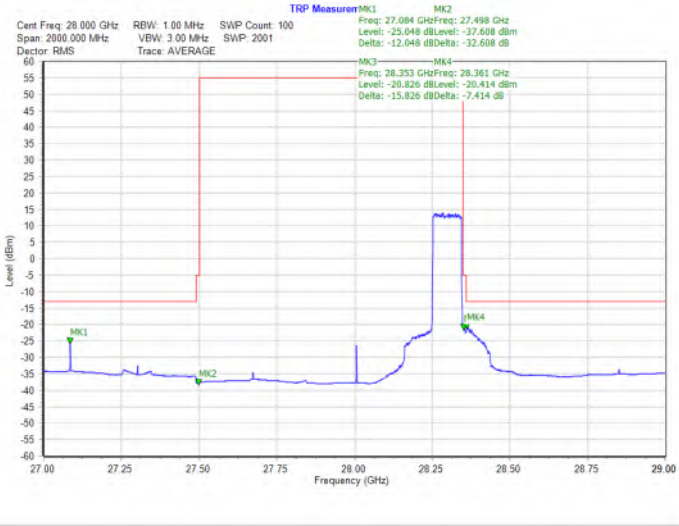
DFT-s-OFDM Module 1

NR Band n261 / 50MHz / QPSK	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

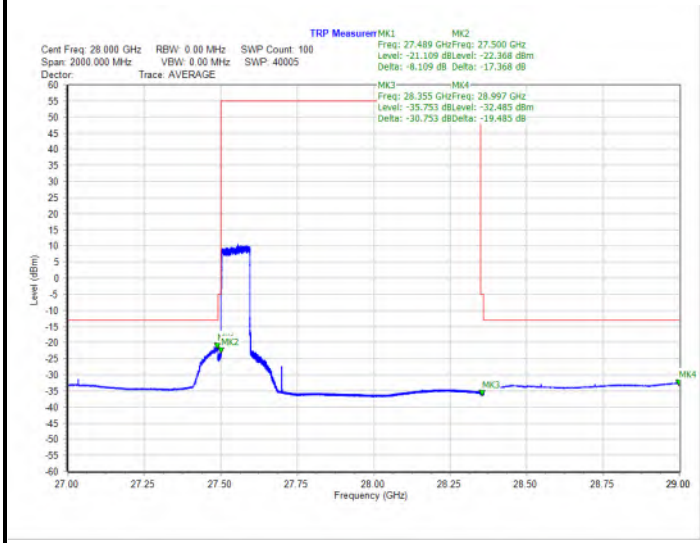
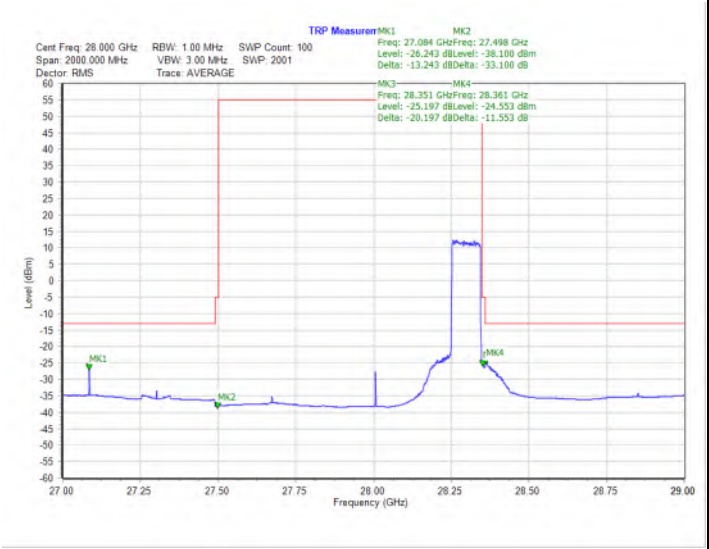
NR Band n261 / 50MHz / 16QAM	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

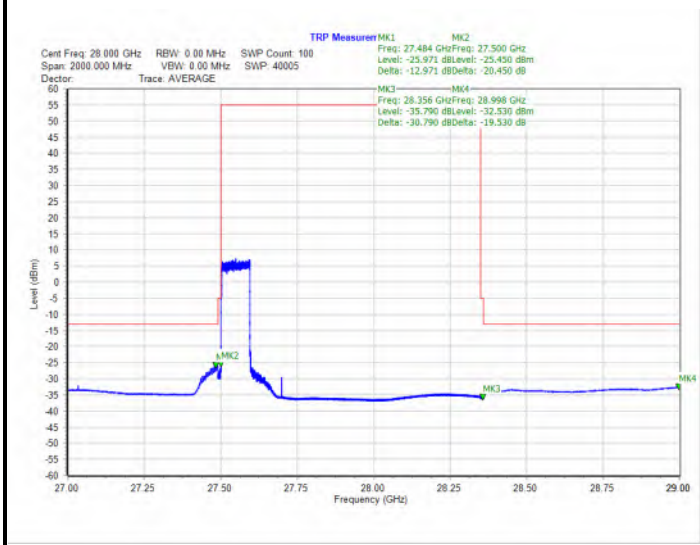
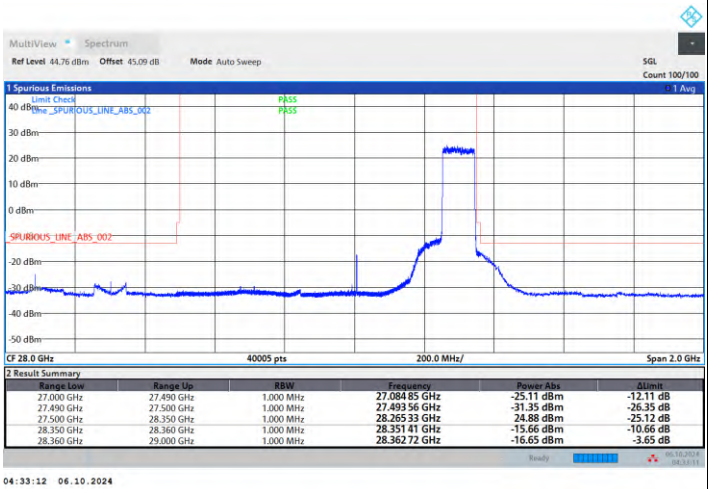
DFT-s-OFDM Module 1

NR Band n261 / 50MHz / 64QAM	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

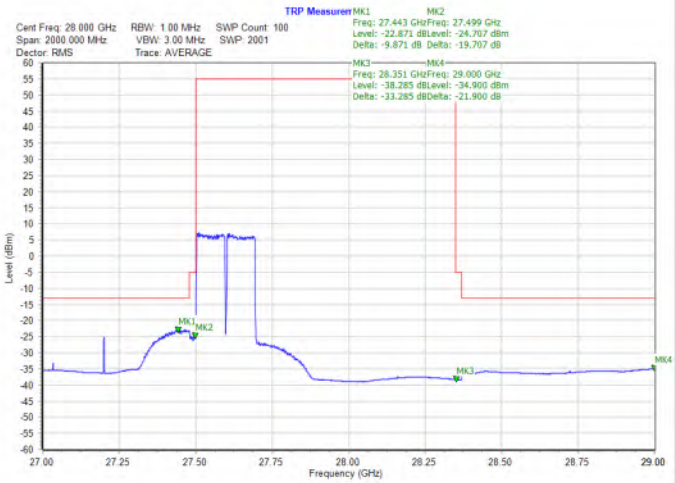
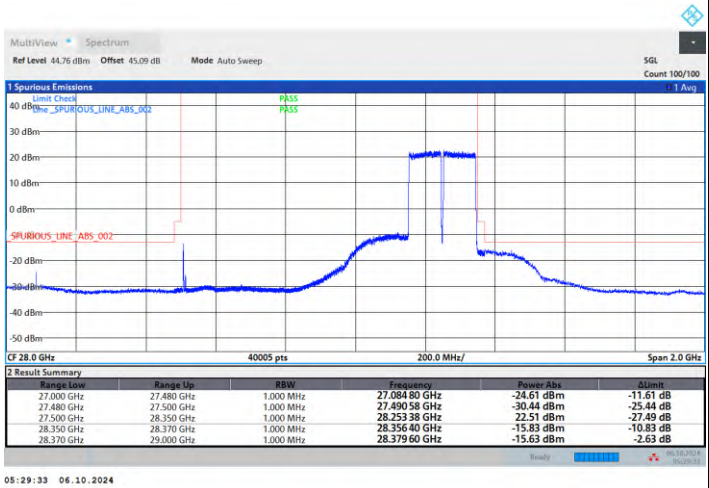
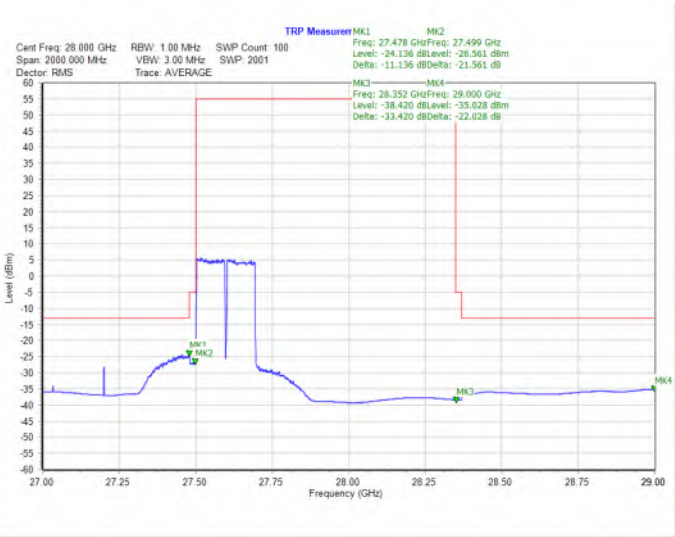
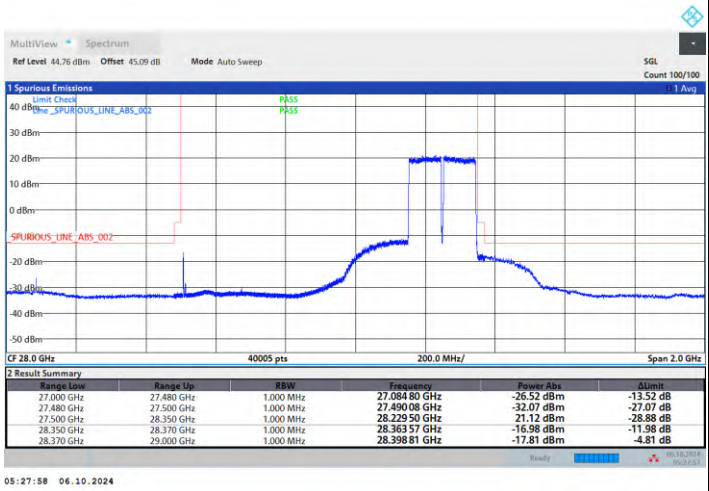
NR Band n261 / 100MHz / QPSK	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

DFT-s-OFDM Module 1

NR Band n261 / 100MHz / 16QAM	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

NR Band n261 / 100MHz / 64QAM	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

DFT-s-OFDM Module 1

NR Band n261 / 200MHz / QPSK	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

NR Band n261 / 200MHz / 16QAM	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**