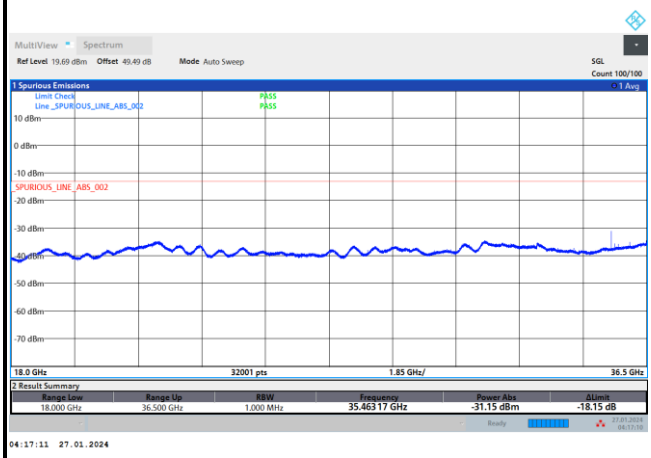
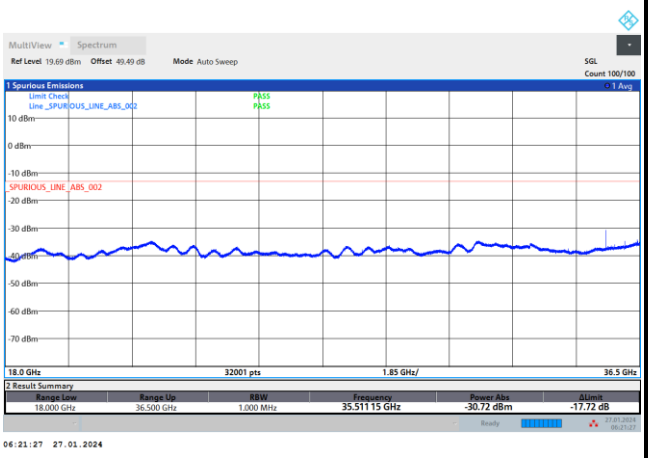
CP-OFDM Module A

NR Band n260 QPSK (18-40GHz)

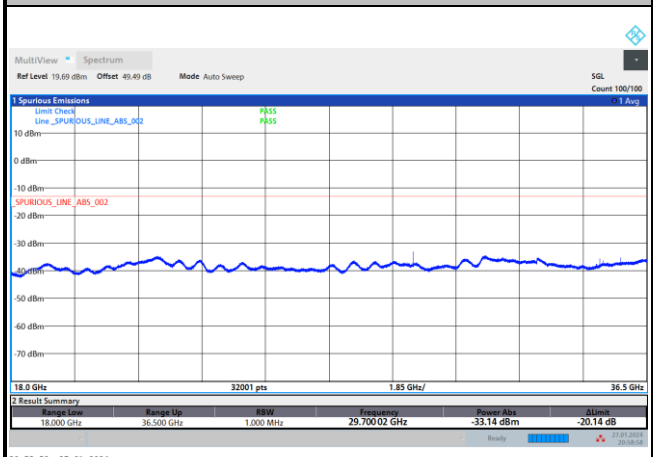
Lowest Channel / 200MHz



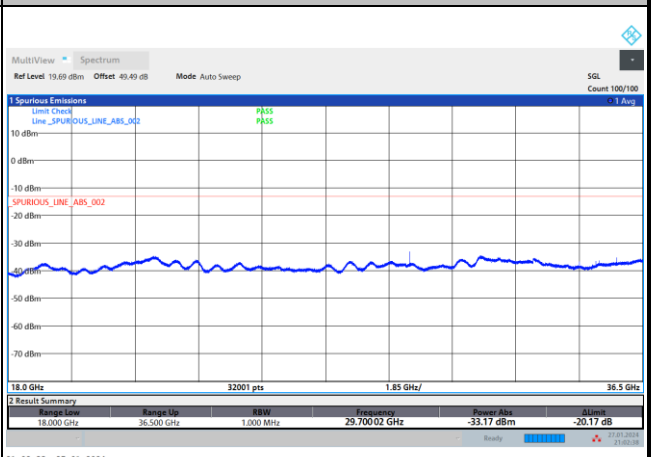
Lowest Channel / 300MHz



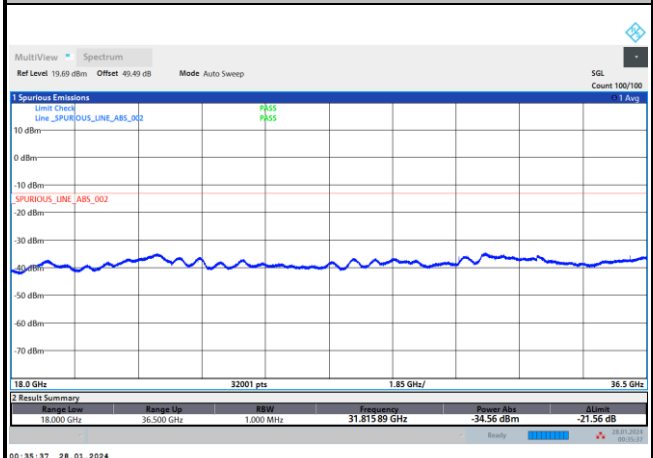
Middle Channel / 200MHz



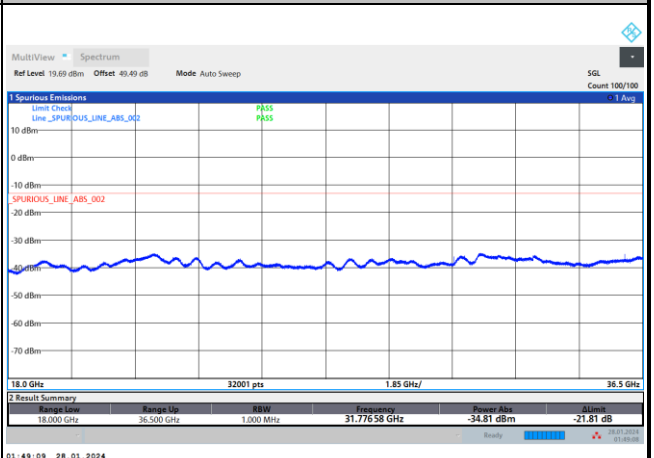
Middle Channel / 300MHz



Highest Channel / 200MHz

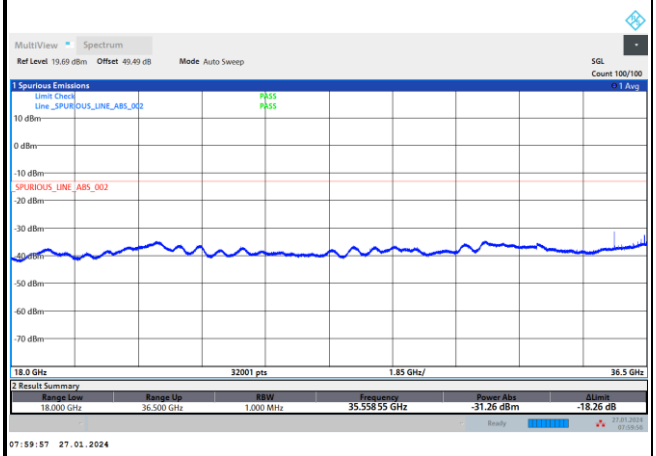
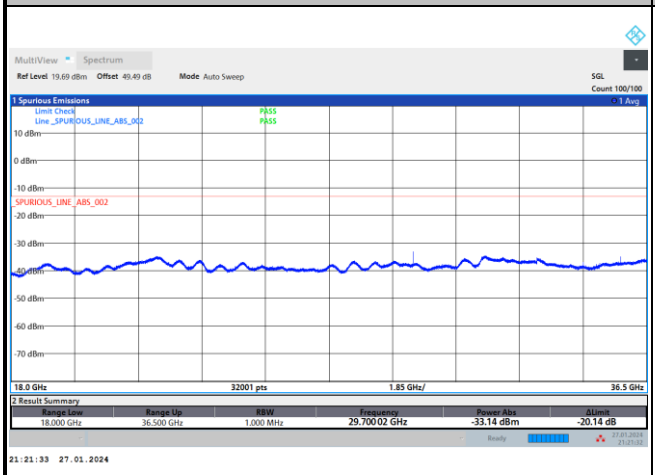
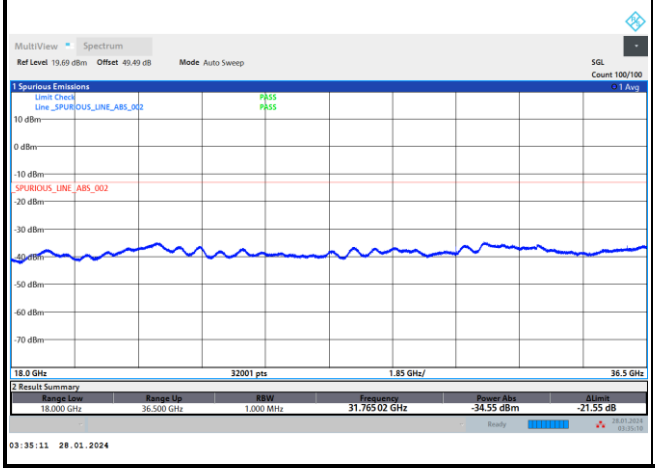


Highest Channel / 300MHz



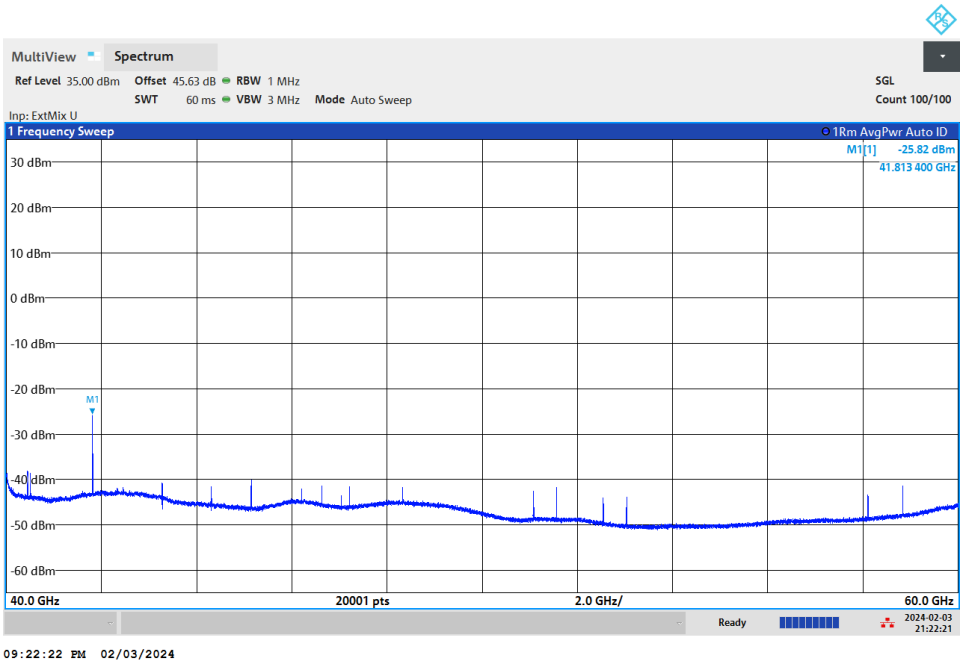
Remark: In band and out of band frequencies are omitted.

CP-OFDM Module A

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.

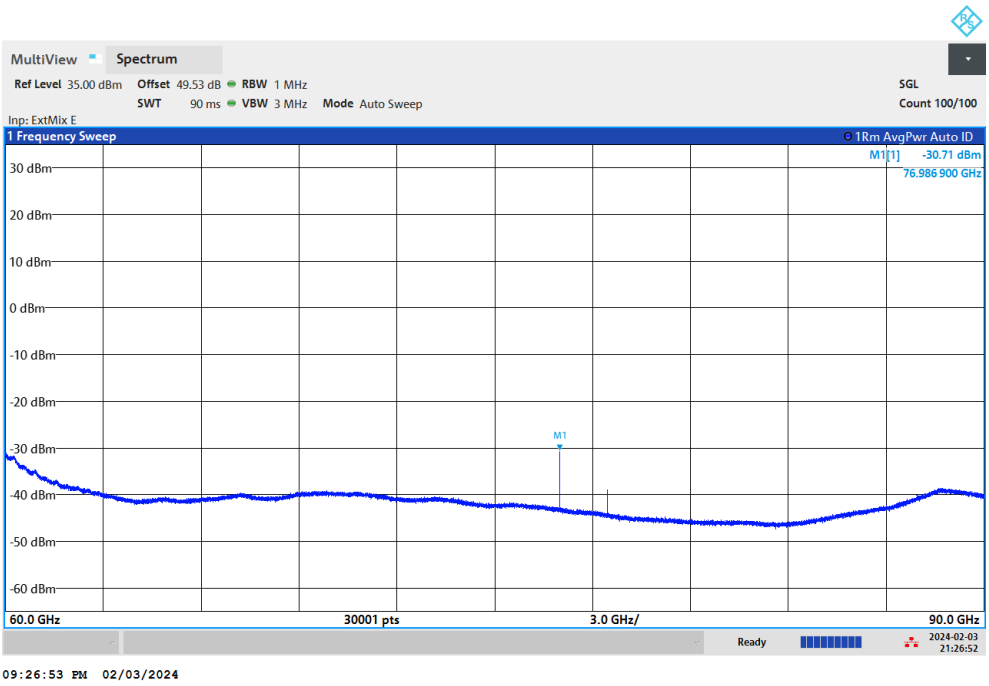
NR Band n260
(40GHz-60GHz)



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

= 43 + 0.43 + 107 + 20log(1) – 104.8 = 45.63(dB)

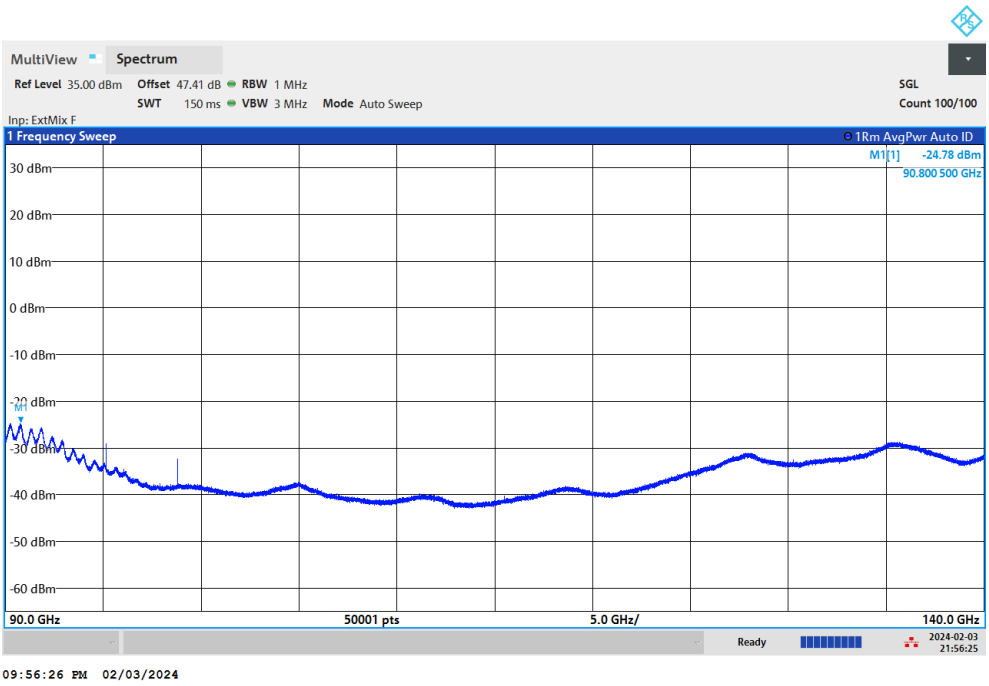
NR Band n260
(60GHz-90GHz)



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

= 46.9 + 0.43 + 107 + 20log(1) – 104.8 = 49.53 (dB)

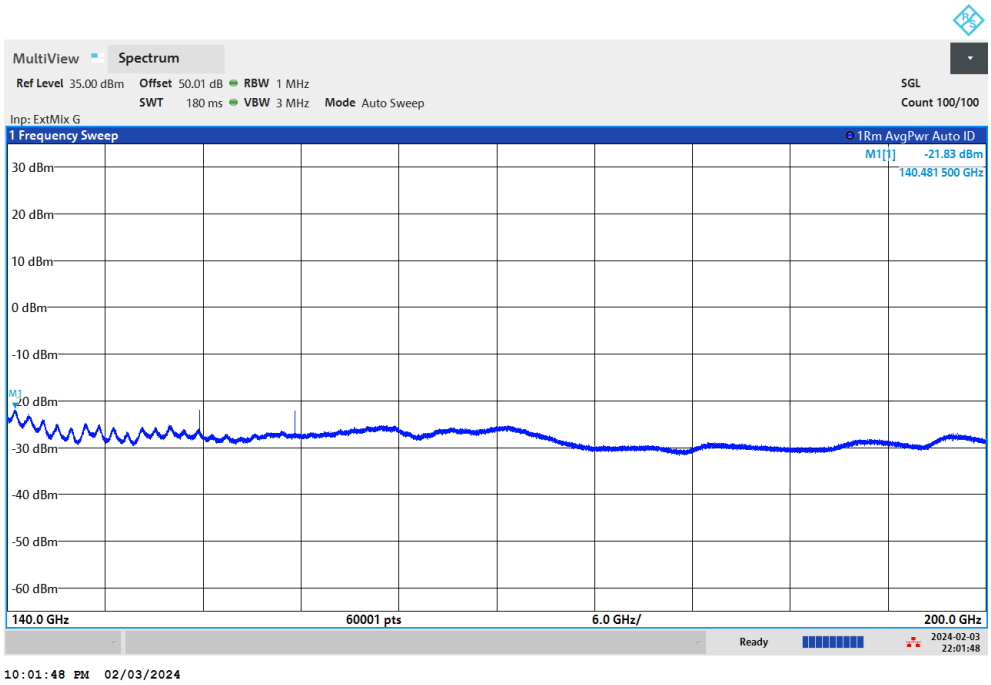
NR Band n260
(90GHz-140GHz)



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

= 50.80 + 0.43 + 107 + 20log(0.5) – 104.8 = 47.41 (dB)

NR Band n260
(140GHz-200GHz)



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

= 53.4 + 0.43 + 107 + 20log(0.5) – 104.8 = 50.01(dB)

Frequency Stability

Test Conditions		NR Band n260 / Middle Channel			Limit
		CW tone			Note 2.
Temperature (°C)	Voltage (Volt)	Frequency (GHz)	Deviation (kHz)	Deviation (ppm)	Result
50	Normal Voltage	38.4998741	227.800	5.917	Pass
40	Normal Voltage	38.499993	108.900	2.829	
30	Normal Voltage	38.5000729	29.000	0.753	
20(Ref.)	Normal Voltage	38.5001019	0.000	0.000	
10	Normal Voltage	38.5002158	-113.900	2.958	
0	Normal Voltage	38.5002218	-119.900	3.114	
-10	Normal Voltage	38.5002118	-109.900	2.855	
-20	Normal Voltage	38.5001978	-95.900	2.491	
-30	Normal Voltage	38.5000679	34.000	0.883	
20	Maximum Voltage	38.5001758	-73.900	1.919	
20	Normal Voltage	38.5001568	-54.900	1.426	
20	Battery End Point	38.5001329	-31.000	0.805	

Note:

1. Normal Voltage = 3.89 V.；Battery End Point (BEP) = 3.6 V.；Maximum Voltage = 4.4 V.
2. The frequency fundamental emissions stay within the operation band.

NR Band n260 Module B AGH+V

Occupied Bandwidth

Mode	DFT-s-OFDM Module B NR Band n260 : 99%OBW(MHz)								
BW	50MHz			100MHz			200MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	46.04	45.89	45.78	90.96	90.91	90.94	190.00	189.59	189.46
Middle CH	46.15	45.99	46.03	91.11	90.98	91.00	190.52	190.08	190.32
Highest CH	46.06	46.03	45.94	91.20	91.05	91.06	190.23	189.93	190.41

Mode	DFT-s-OFDM Module B NR Band n260 : 99%OBW(MHz)					
BW	300MHz			400MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	289.74	289.47	288.77	390.59	390.34	390.98
Middle CH	290.25	289.40	289.96	389.69	389.22	389.25
Highest CH	289.88	289.61	289.35	391.00	390.71	391.34

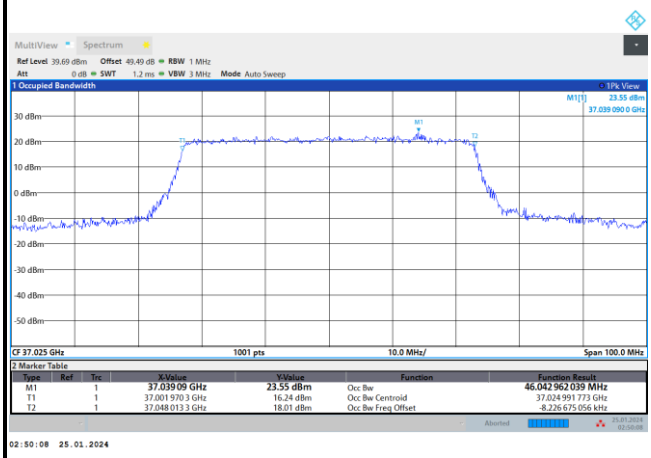
Mode	CP-OFDM Module B NR Band n260 : 99%OBW(MHz)		
BW	50MHz	100MHz	200MHz
Mod.	QPSK	QPSK	QPSK
Lowest CH	45.88	94.01	192.34
Middle CH	46.17	94.25	192.71
Highest CH	46.04	94.35	193.54

Mode	CP-OFDM Module B NR Band n260 : 99%OBW(MHz)	
BW	300MHz	400MHz
Mod.	QPSK	QPSK
Lowest CH	292.79	393.57
Middle CH	293.93	392.79
Highest CH	295.77	394.86

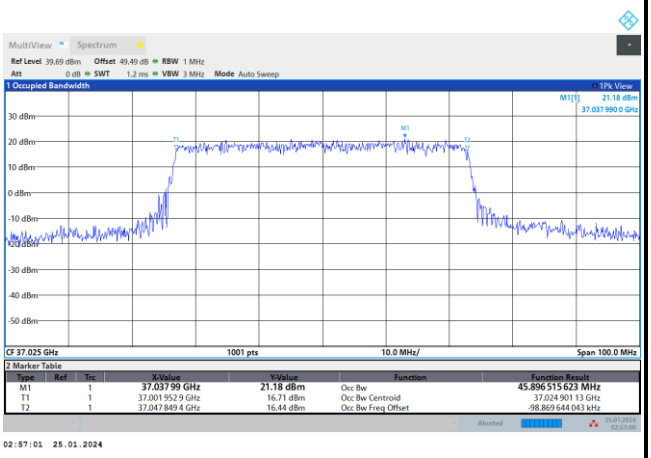
DFT-s-OFDM Module B

NR Band n260

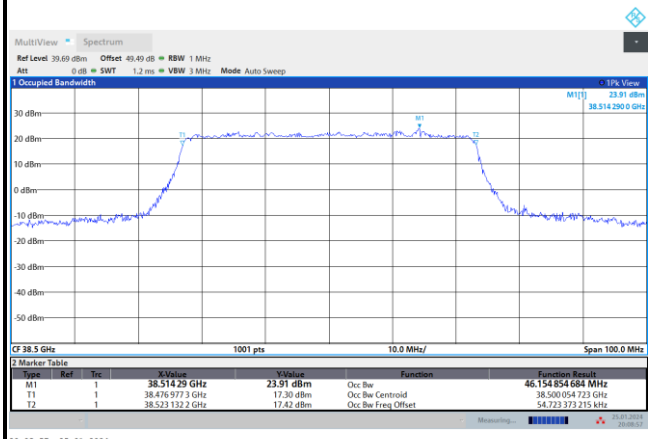
Lowest Channel / 50MHz / QPSK



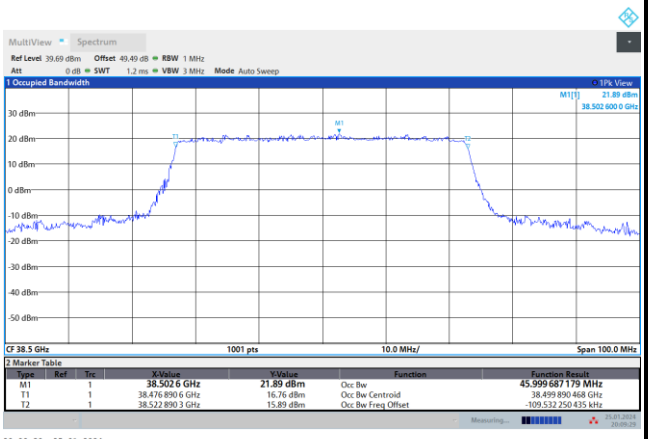
Lowest Channel / 50MHz / 16QAM



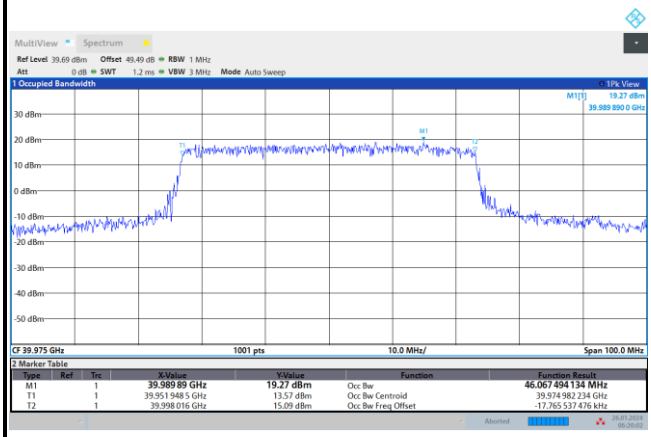
Middle Channel / 50MHz / QPSK



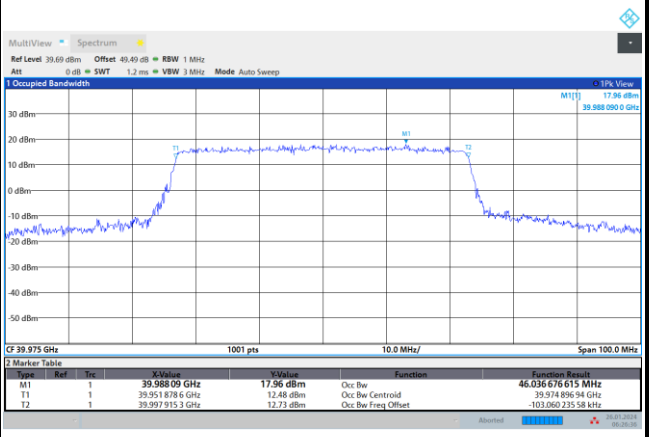
Middle Channel / 50MHz / 16QAM



Highest Channel / 50MHz / QPSK



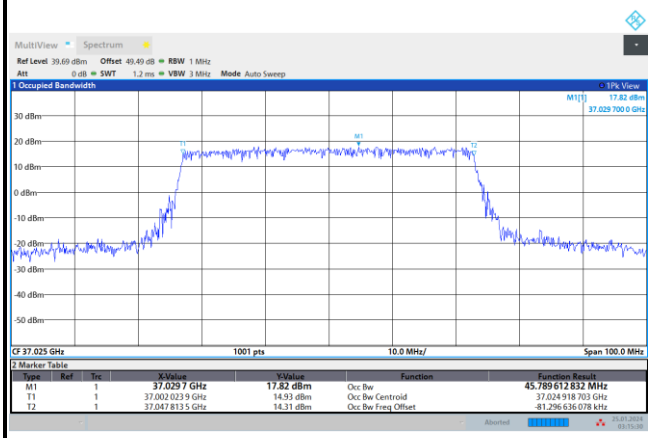
Highest Channel / 50MHz / 16QAM



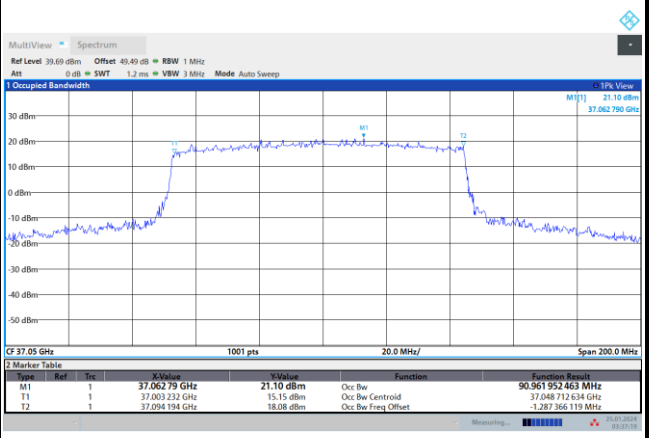
DFT-s-OFDM Module B

NR Band n260

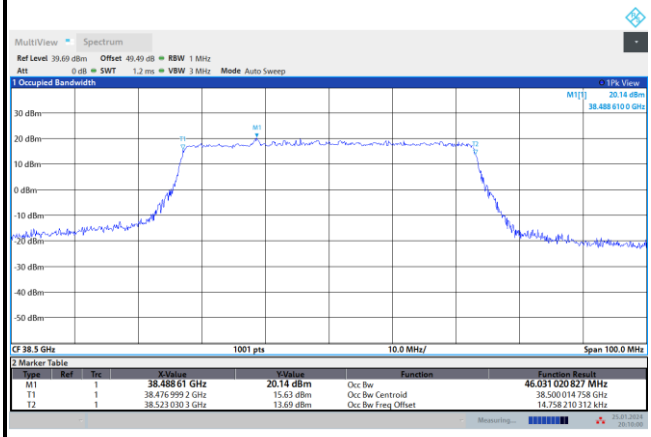
Lowest Channel / 50MHz / 64QAM



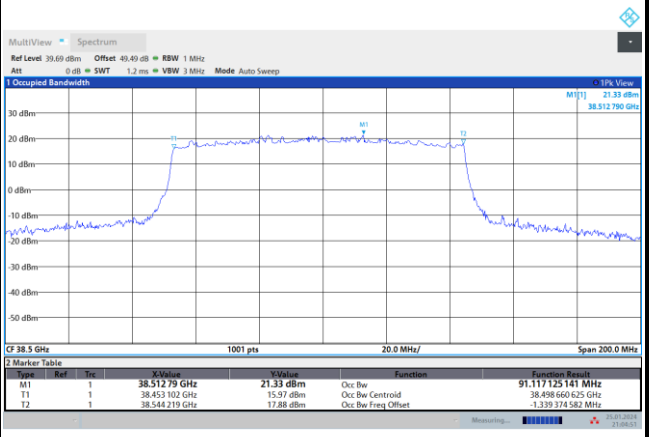
Lowest Channel / 100MHz / QPSK



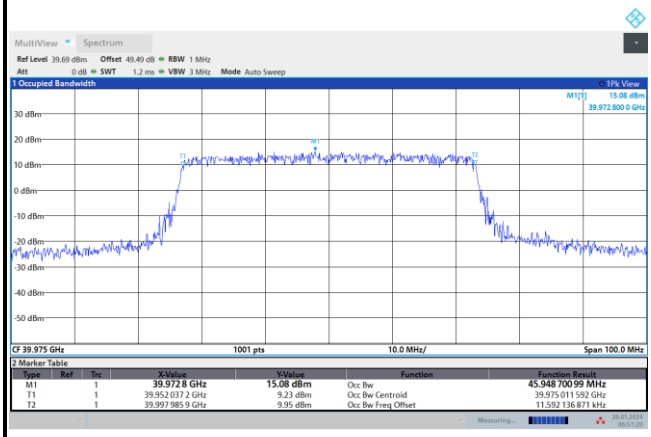
Middle Channel / 50MHz / 64QAM



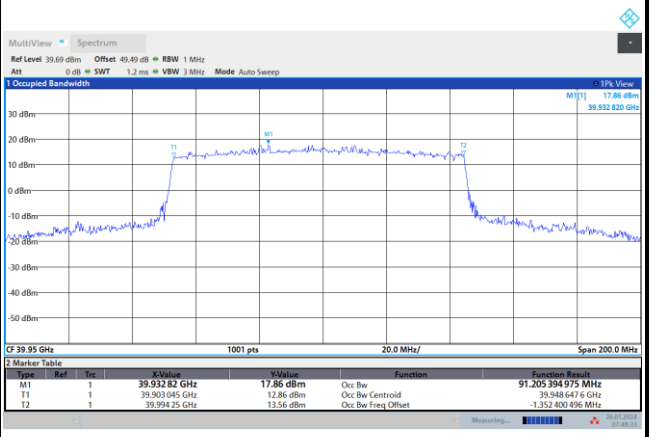
Middle Channel / 100MHz / QPSK



Highest Channel / 50MHz / 64QAM



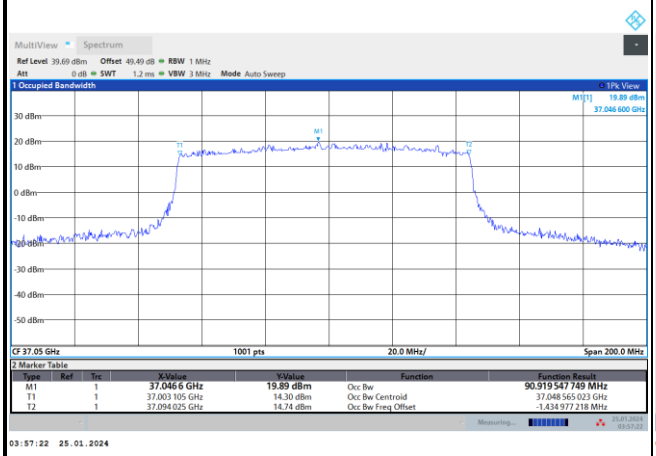
Highest Channel / 100MHz / QPSK



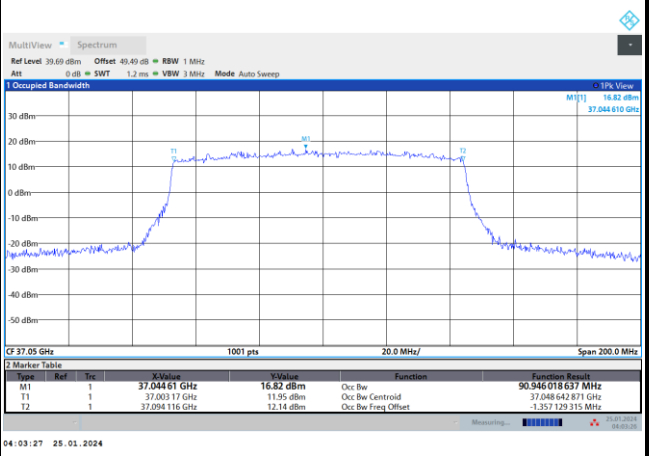
DFT-s-OFDM Module B

NR Band n260

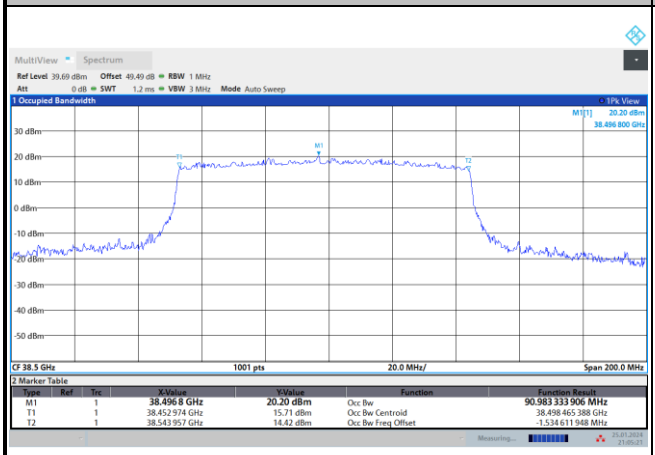
Lowest Channel / 100MHz / 16QAM



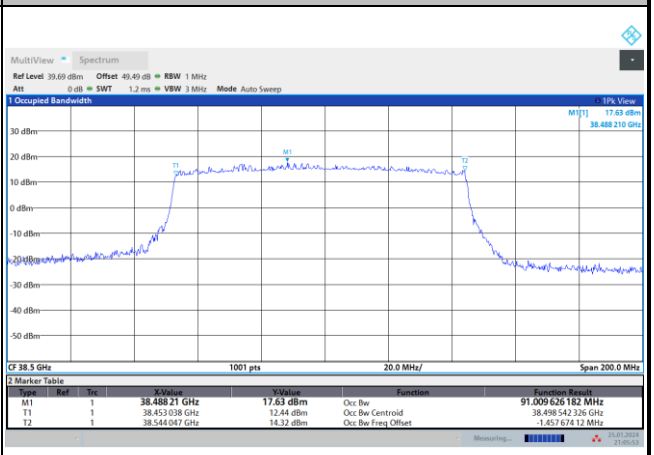
Lowest Channel / 100MHz / 64QAM



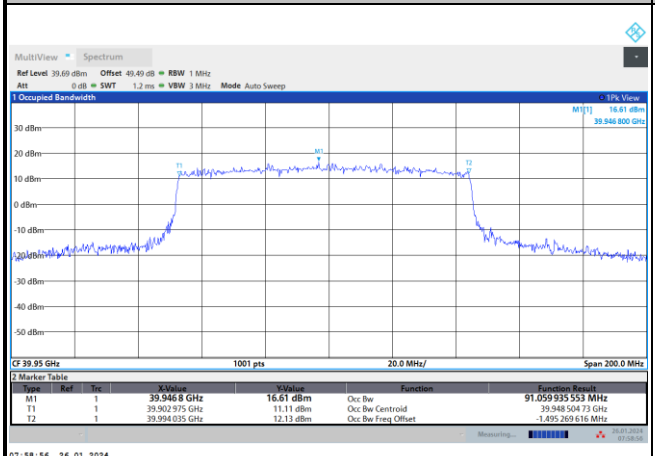
Middle Channel / 100MHz / 16QAM



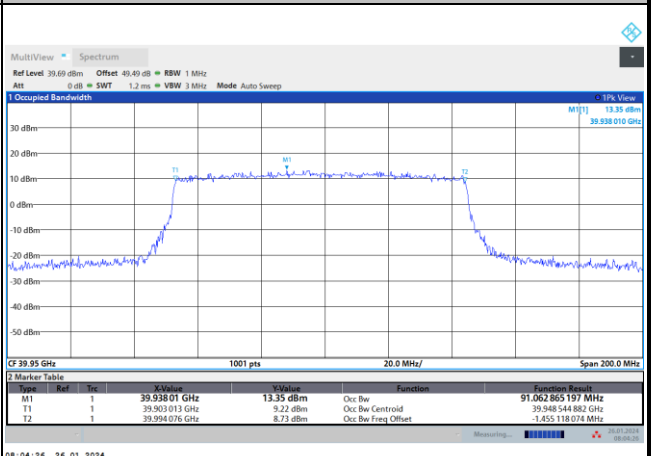
Middle Channel / 100MHz / 64QAM



Highest Channel / 100MHz / 16QAM



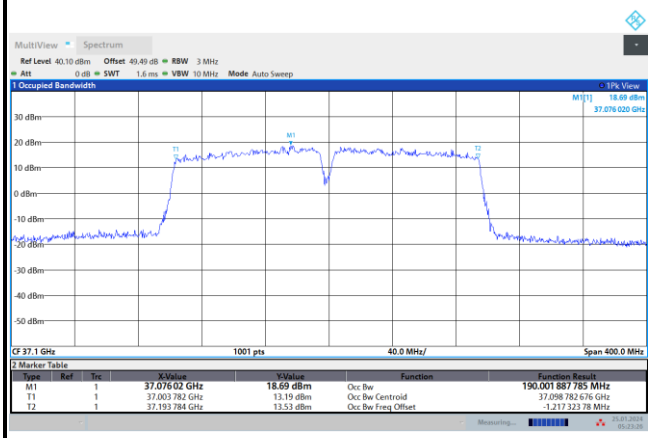
Highest Channel / 100MHz / 64QAM



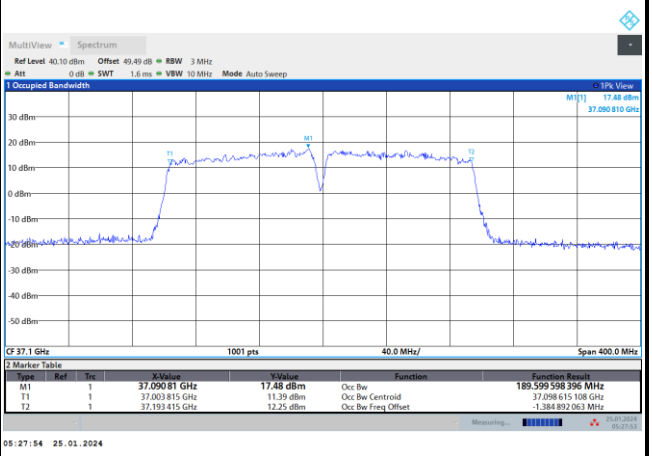
DFT-s-OFDM Module B

NR Band n260

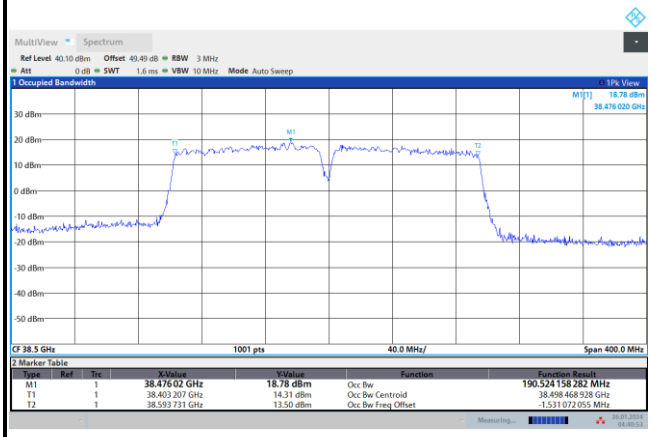
Lowest Channel / 200MHz / QPSK



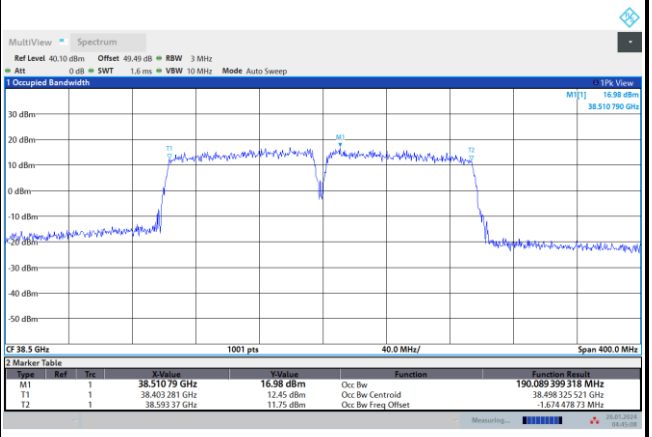
Lowest Channel / 200MHz / 16QAM



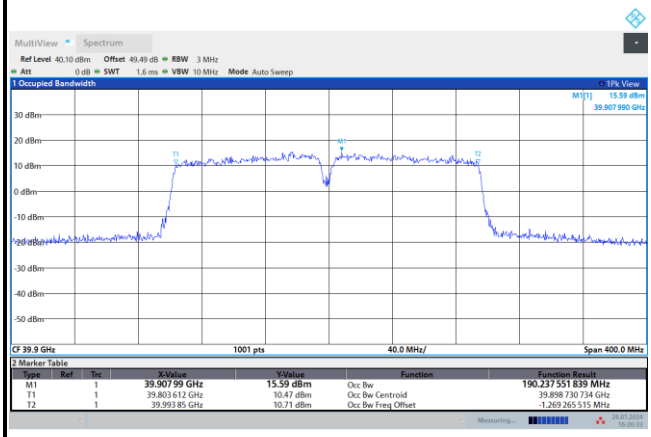
Middle Channel / 200MHz / QPSK



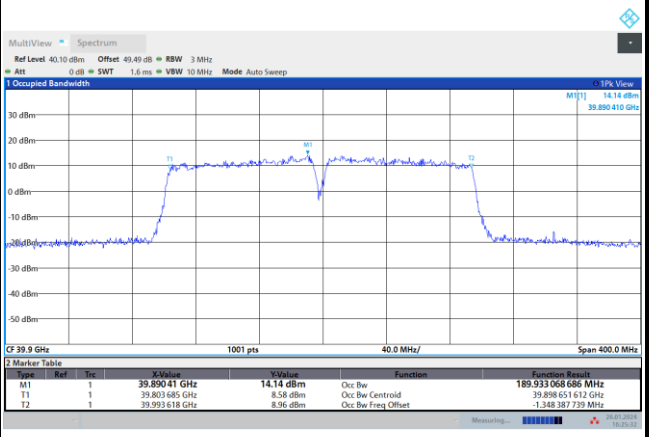
Middle Channel / 200MHz / 16QAM



Highest Channel / 200MHz / QPSK



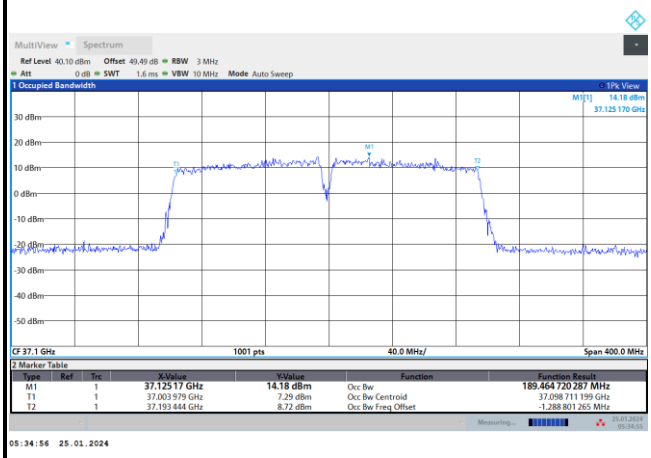
Highest Channel / 200MHz / 16QAM



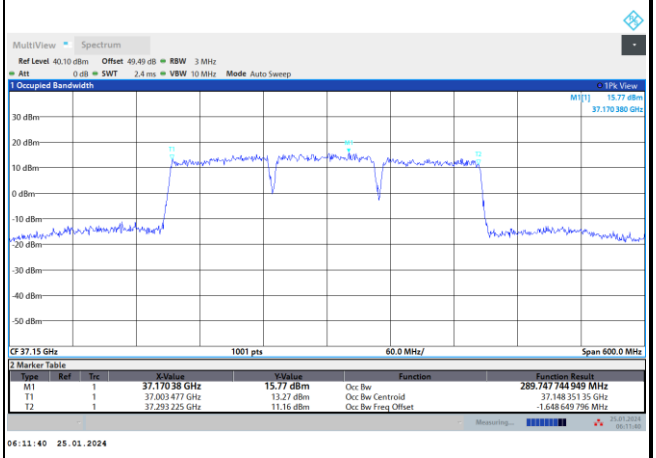
DFT-s-OFDM Module B

NR Band n260

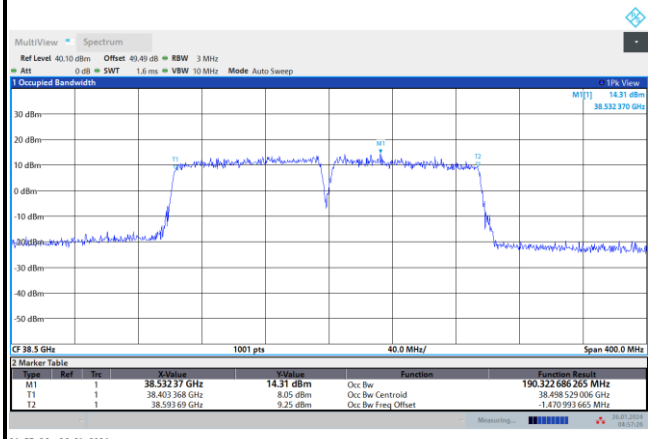
Lowest Channel / 200MHz / 64QAM



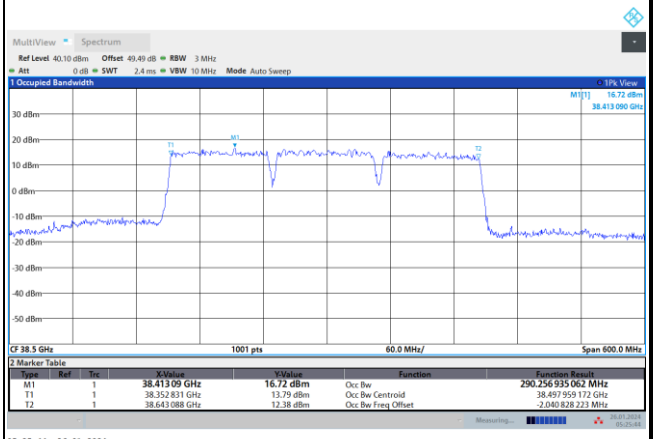
Lowest Channel / 300MHz / QPSK



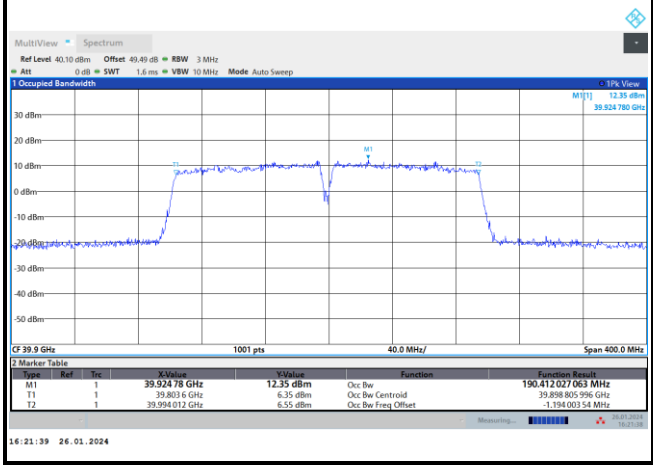
Middle Channel / 200MHz / 64QAM



Middle Channel / 300MHz / QPSK



Highest Channel / 200MHz / 64QAM

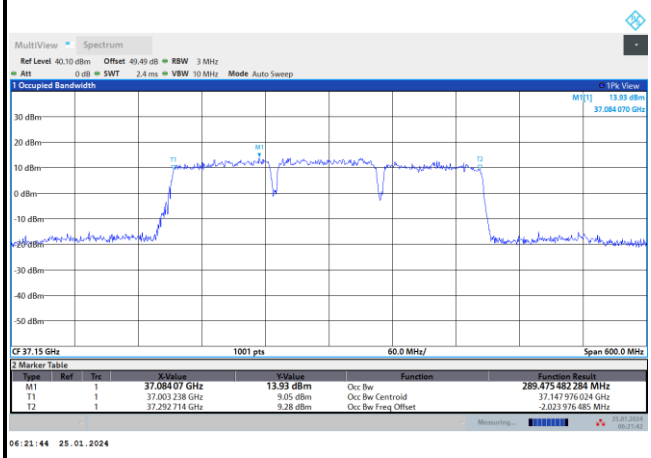


Highest Channel / 300MHz / QPSK

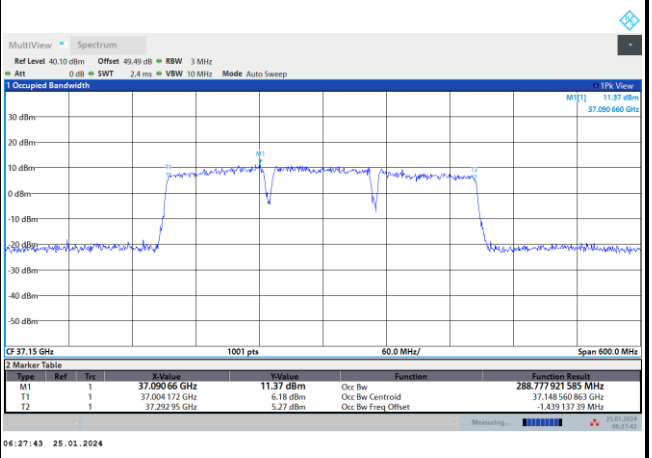
DFT-s-OFDM Module B

NR Band n260

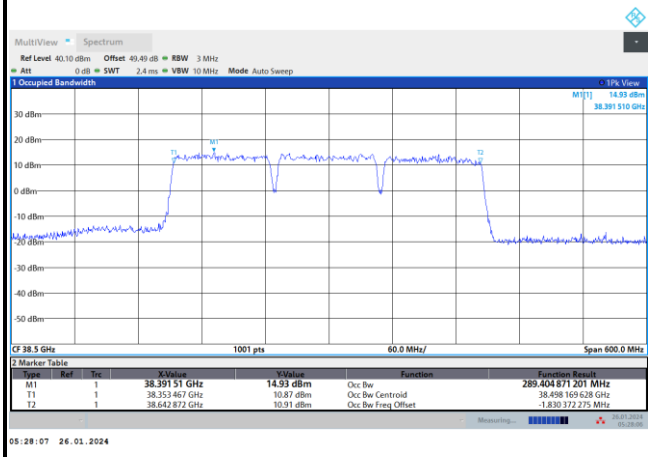
Lowest Channel / 300MHz / 16QAM



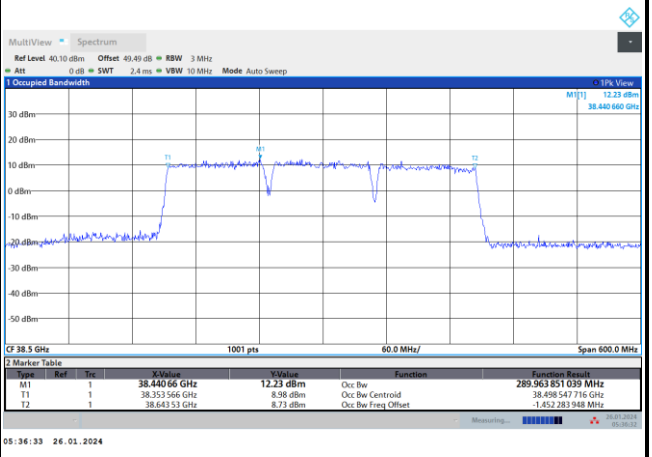
Lowest Channel / 300MHz / 64QAM



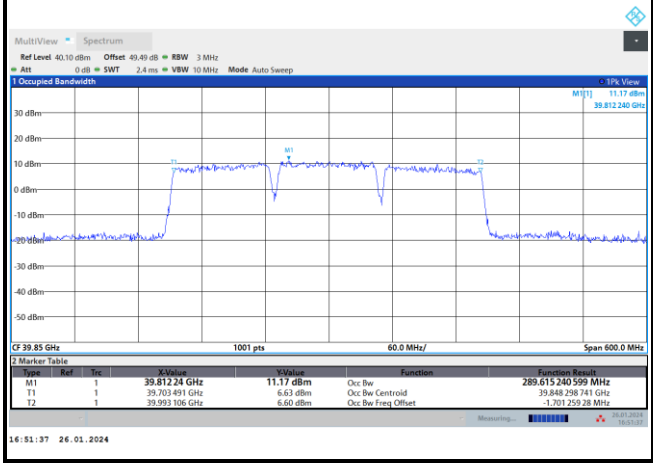
Middle Channel / 300MHz / 16QAM



Middle Channel / 300MHz / 64QAM



Highest Channel / 300MHz / 16QAM

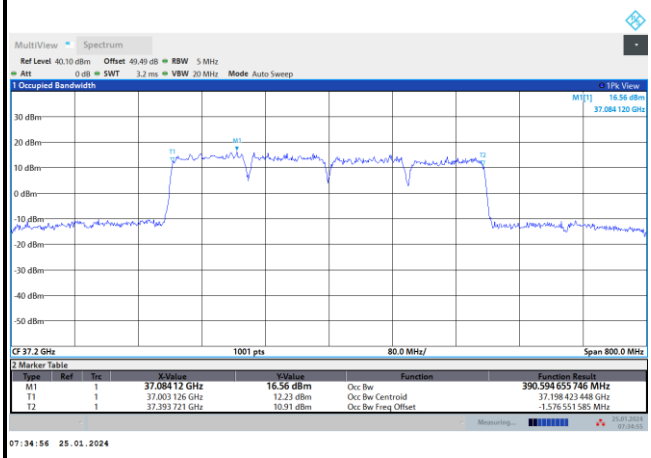


Highest Channel / 300MHz / 64QAM

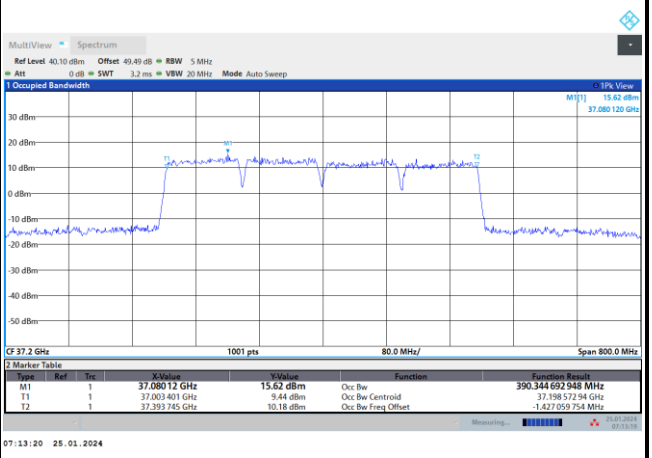
DFT-s-OFDM Module B

NR Band n260

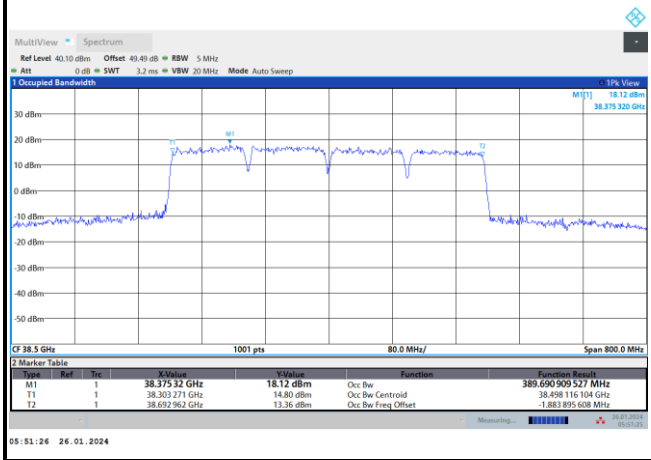
Lowest Channel / 400MHz / QPSK



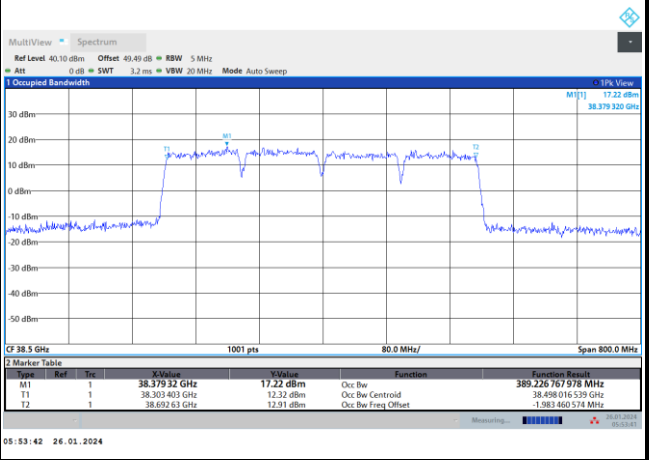
Lowest Channel / 400MHz / 16QAM



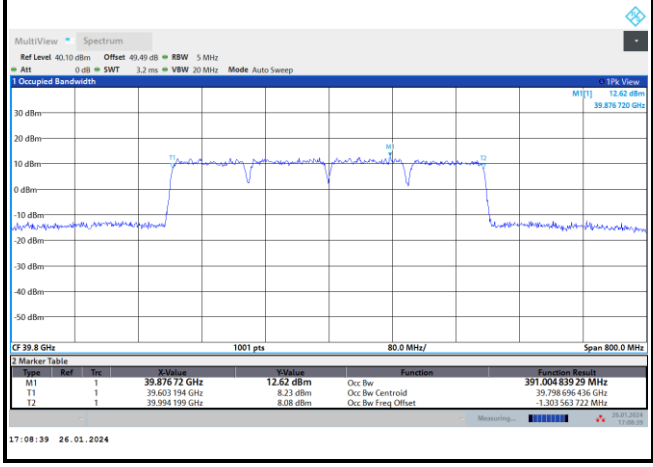
Middle Channel / 400MHz / QPSK



Middle Channel / 400MHz / 16QAM

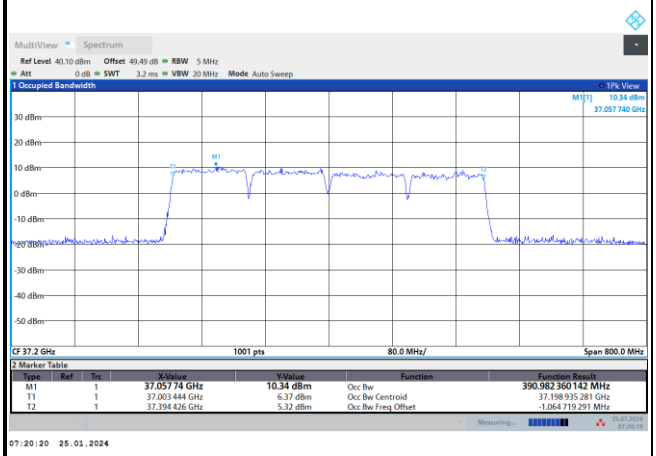
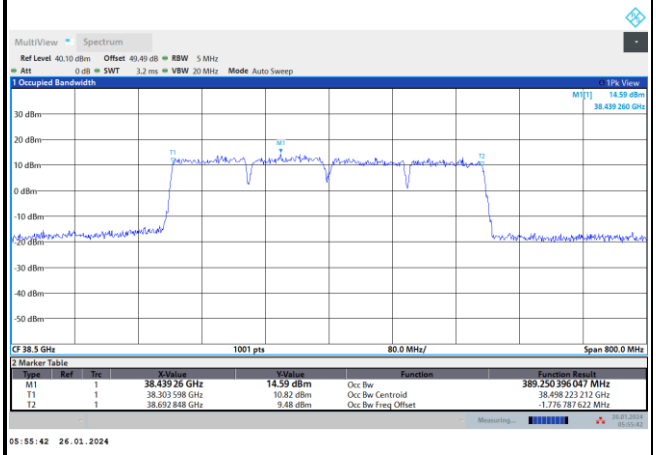


Highest Channel / 400MHz / QPSK



Highest Channel / 400MHz / 16QAM

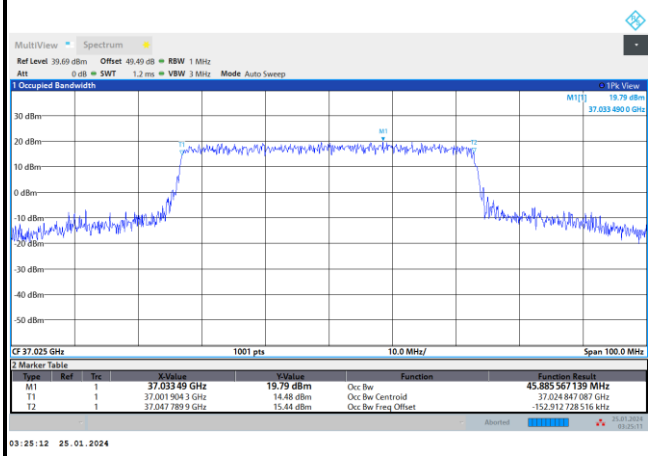
DFT-s-OFDM Module B

NR Band n260	
Lowest Channel / 400MHz / 64QAM	
	**intentionally blank**
Middle Channel / 400MHz / 64QAM	
	**intentionally blank**
Highest Channel / 400MHz / 64QAM	
	intentionally blank

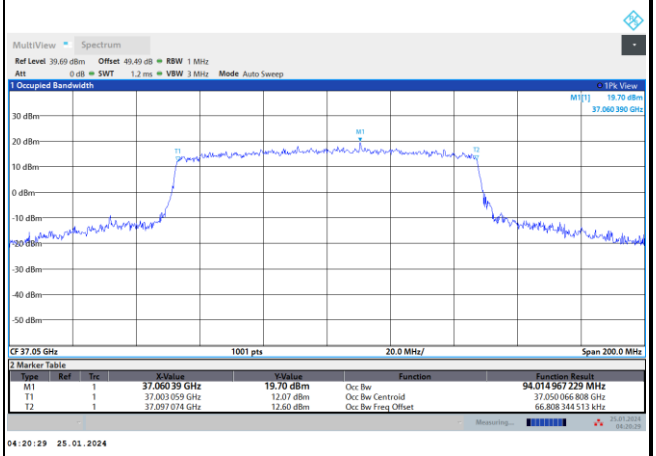
CP-OFDM Module B

NR Band n260

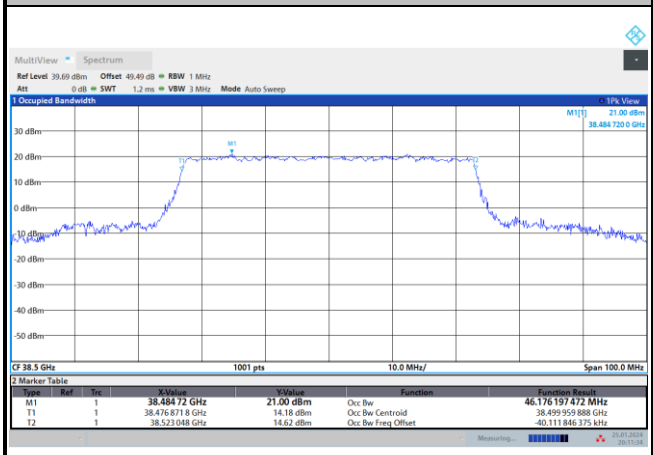
Lowest Channel / 50MHz / QPSK



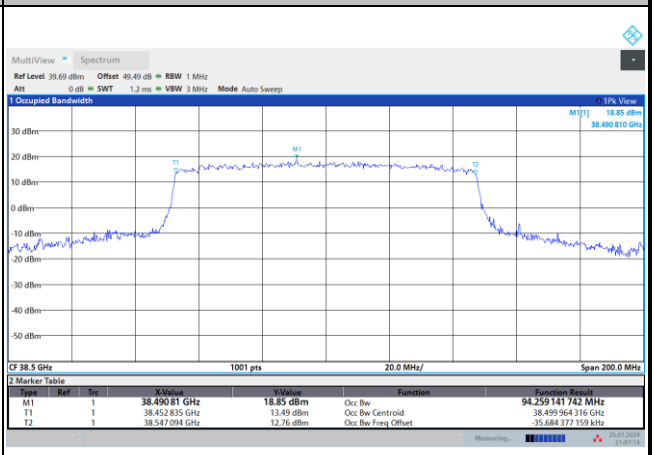
Lowest Channel / 100MHz / QPSK



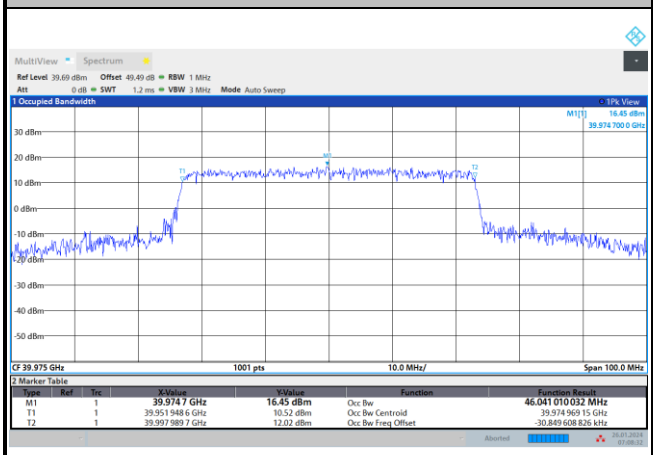
Middle Channel / 50MHz / QPSK



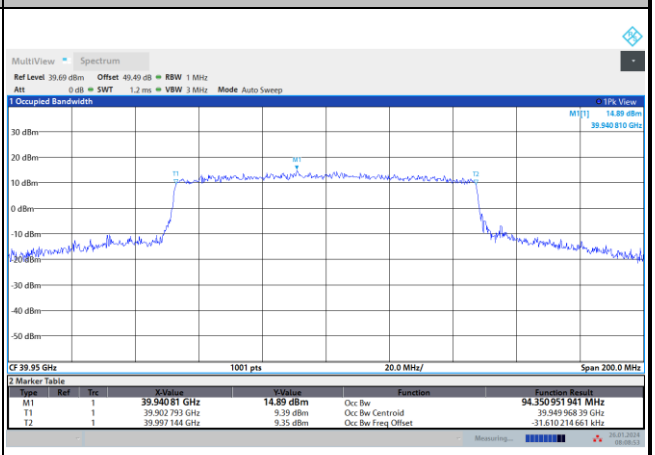
Middle Channel / 100MHz / QPSK



Highest Channel / 50MHz / QPSK



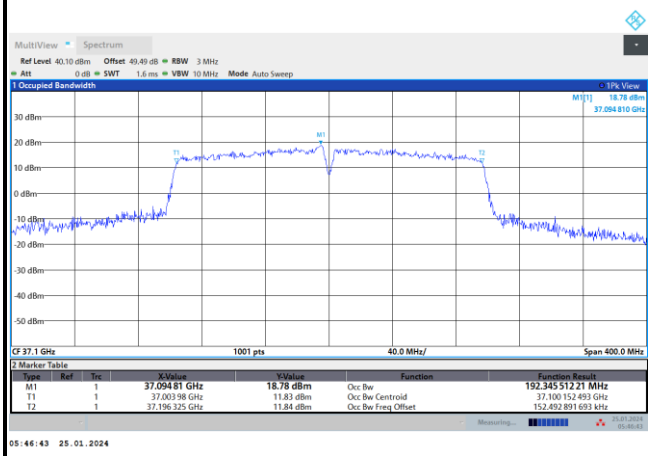
Highest Channel / 100MHz / QPSK



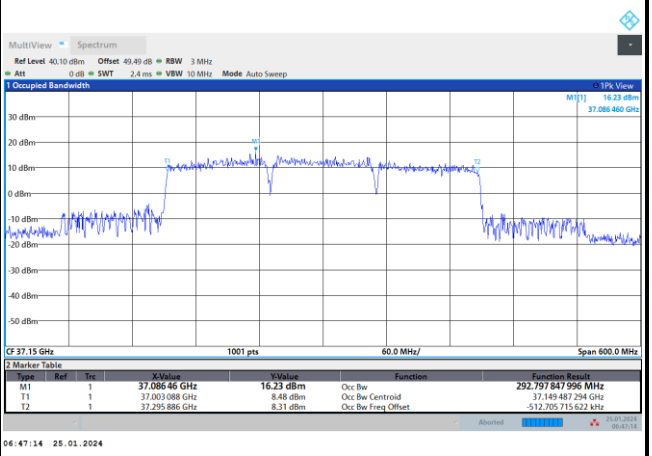
CP-OFDM Module B

NR Band n260

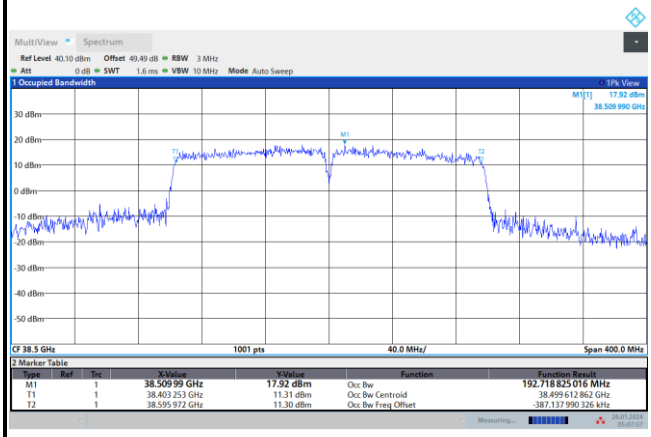
Lowest Channel / 200MHz / QPSK



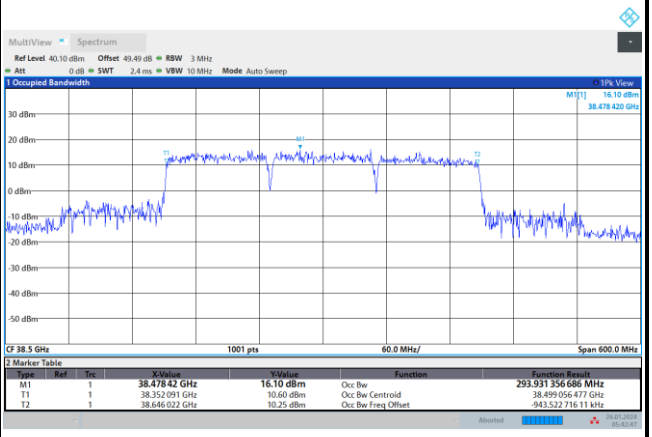
Lowest Channel / 300MHz / QPSK



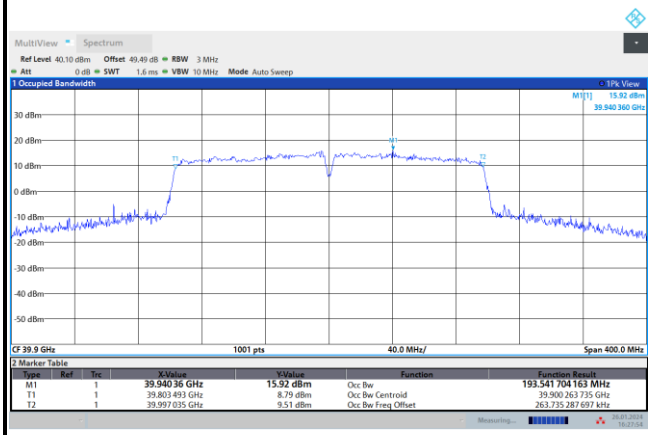
Middle Channel / 200MHz / QPSK



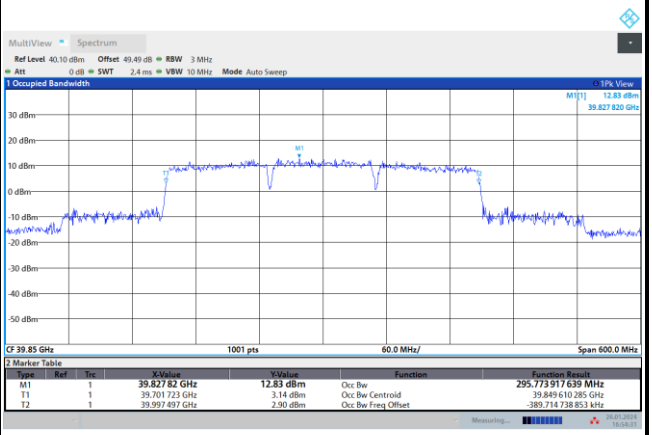
Middle Channel / 300MHz / QPSK



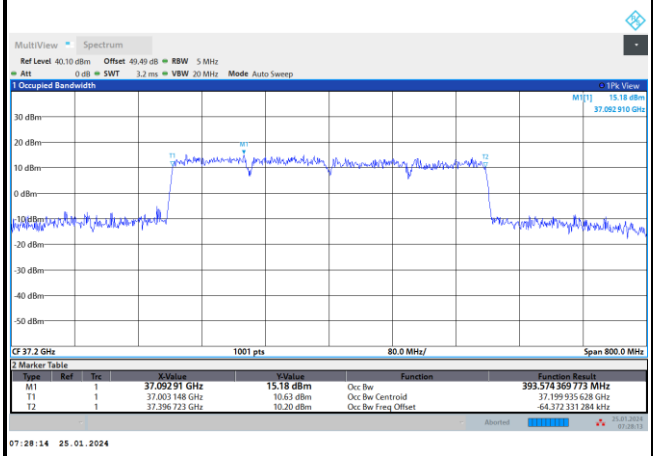
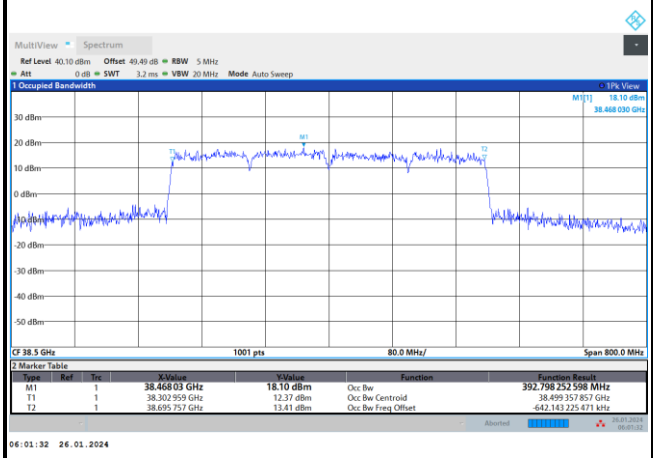
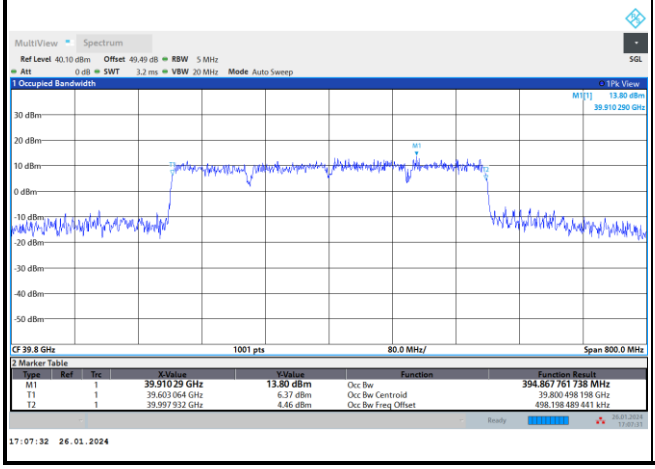
Highest Channel / 200MHz / QPSK



Highest Channel / 300MHz / QPSK



CP-OFDM Module B

NR Band n260	
Lowest Channel / 400MHz / QPSK	
	**intentionally blank**
Middle Channel / 400MHz / QPSK	
	**intentionally blank**
Highest Channel / 400MHz / QPSK	
	**intentionally blank**

Radiated Out of Band Emissions

Mode			DFT-s-OFDM Module B 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	-16.565	-15.506	-6.99	-19.546	-7.00	-7.57	-13.58	-15.94	-17.17
	>10%OB	≦-13	-24.319	-24.479	-25.77	-25.265	-28.34	-29.43	-17.38	-21.16	-27.51
High CH	0~10%OB	≦-5	-6.78	-8.65	-10.81	-9.49	-12.52	-12.55	-16.57	-18.40	-18.71
	>10%OB	≦-13	-21.03	-23.56	-24.90	-26.19	-27.72	-28.99	-18.92	-23.69	-25.80
Result			Compliance								

Mode			DFT-s-OFDM Module B NR Band n260 : BE (dBm) 1 RB					
BW			300MHz			400MHz		
Limit (dBm)			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Low CH	0~10%OB	≦-5	-26.391	-27.242	-19.28	-25.829	-16.90	-20.22
	>10%OB	≦-13	-18.966	-22.517	-20.57	-20.827	-15.61	-25.10
High CH	0~10%OB	≦-5	-31.235	-21.98	-21.37	-19.69	-21.17	-24.11
	>10%OB	≦-13	-22.566	-15.45	-20.92	-15.67	-17.41	-26.57
Result			Compliance					

Mode			CP-OFDM Module B NR Band n260 : BE (dBm) 1 RB		
BW			50MHz	100MHz	200MHz
Limit (dBm)			QPSK	QPSK	QPSK
Low CH	0~10%OB	≦-5	-5.03	-5.78	-24.257
	>10%OB	≦-13	-22.97	-28.81	-20.321
High CH	0~10%OB	≦-5	-8.27	-8.33	-14.15
	>10%OB	≦-13	-21.88	-27.01	-13.44
Result			Compliance		

Mode			CP-OFDM Module B NR Band n260 : BE (dBm) 1 RB	
BW			300MHz	400MHz
Limit (dBm)			QPSK	QPSK
Low CH	0~10%OB	≦-5	-26.358	-25.244
	>10%OB	≦-13	-15.764	-17.731
High CH	0~10%OB	≦-5	-30.788	-29.950
	>10%OB	≦-13	-34.377	-19.093
Result			Compliance	

Mode			DFT-s-OFDM Module B 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	-12.85	-15.27	-18.90	-16.30	-18.34	-20.23	-23.47	-24.41	-27.98
	>10%OB	≦-13	-19.71	-23.38	-28.34	-21.51	-24.36	-29.27	-28.43	-31.09	-33.30
High CH	0~10%OB	≦-5	-12.98	-16.78	-20.06	-17.45	-20.50	-25.58	-28.16	-29.58	-30.88
	>10%OB	≦-13	-16.34	-19.89	-25.12	-20.32	-22.91	-29.16	-29.92	-31.83	-32.52
Result			Compliance								

Mode			DFT-s-OFDM Module B NR Band n260 : BE (dBm) Full RB					
BW			300MHz			400MHz		
Limit (dBm)			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Low CH	0~10%OB	≦-5	-22.16	-22.79	-29.34	-24.61	-26.35	-30.43
	>10%OB	≦-13	-25.67	-29.77	-33.54	-26.70	-29.85	-33.72
High CH	0~10%OB	≦-5	-26.27	-29.39	-31.52	-28.38	-29.70	-32.44
	>10%OB	≦-13	-26.05	-29.54	-32.00	-28.69	-30.68	-33.03
Result			Compliance					

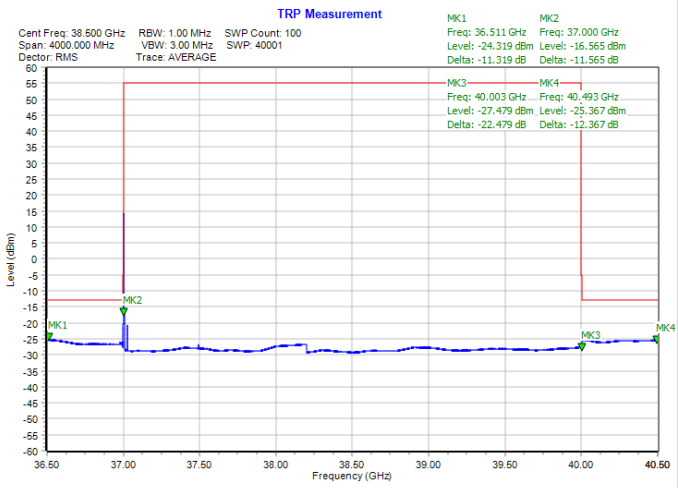
Mode			CP-OFDM Module B NR Band n260 : BE (dBm) Full RB		
BW			50MHz	100MHz	200MHz
Limit (dBm)			QPSK	QPSK	QPSK
Low CH	0~10%OB	≦-5	-15.02	-17.89	-22.49
	>10%OB	≦-13	-20.46	-22.40	-25.46
High CH	0~10%OB	≦-5	-14.85	-17.81	-22.58
	>10%OB	≦-13	-16.56	-20.39	-26.29
Result			Compliance		

Mode			CP-OFDM Module B NR Band n260 : BE (dBm) Full RB	
BW			300MHz	400MHz
Limit (dBm)			QPSK	QPSK
Low CH	0~10%OB	≦-5	-21.37	-23.37
	>10%OB	≦-13	-23.48	-25.85
High CH	0~10%OB	≦-5	-22.53	-24.55
	>10%OB	≦-13	-23.51	-25.46
Result			Compliance	

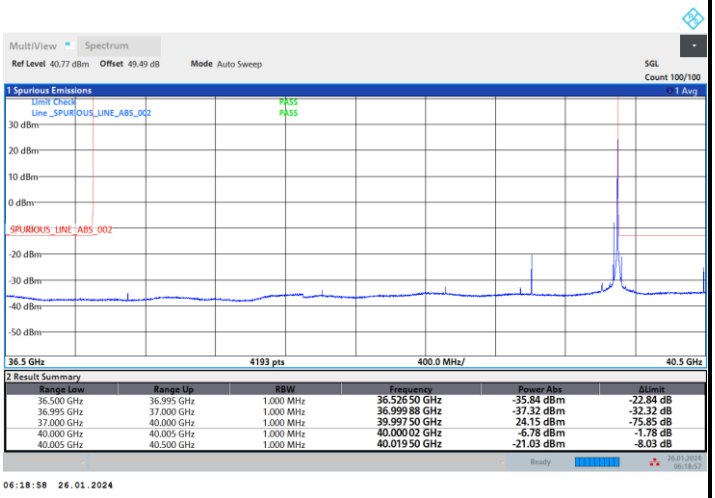
DFT-s-OFDM Module B

NR Band n260 / 50MHz / QPSK

Lowest Band Edge / 1 RB

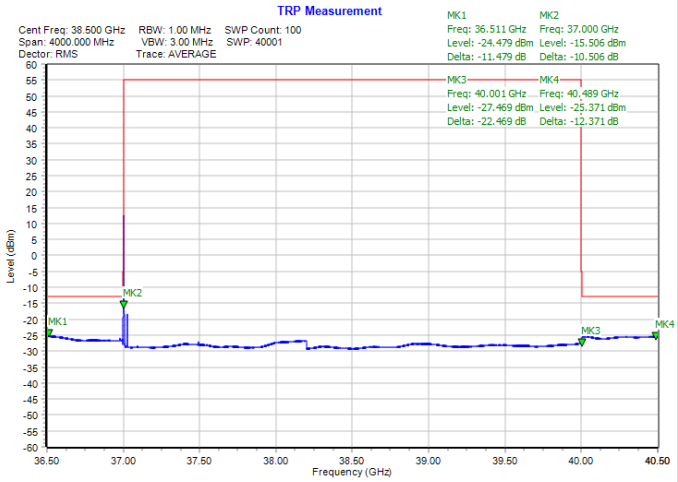


Highest Band Edge / 1 RB

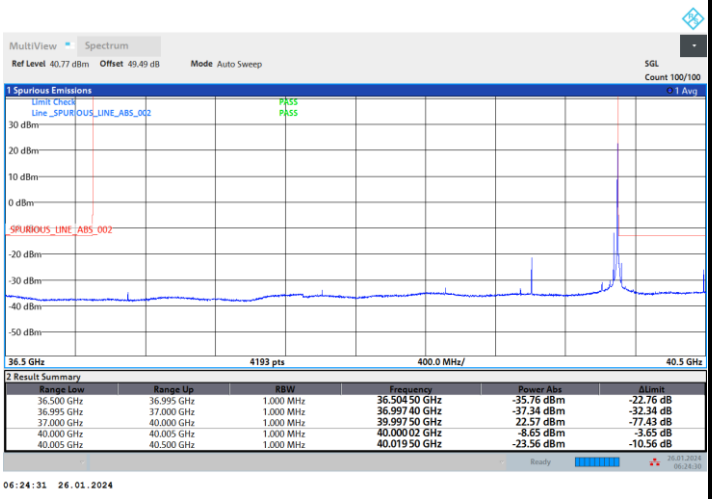


NR Band n260 / 50MHz / 16QAM

Lowest Band Edge / 1 RB



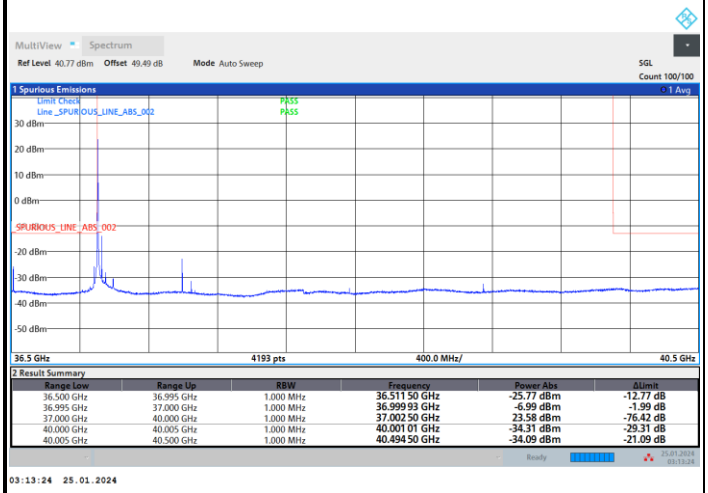
Highest Band Edge / 1 RB



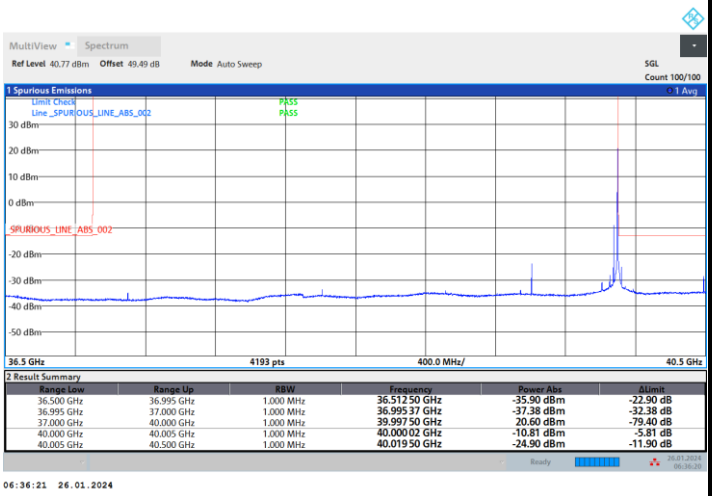
DFT-s-OFDM Module B

NR Band n260 / 50MHz / 64QAM

Lowest Band Edge / 1 RB

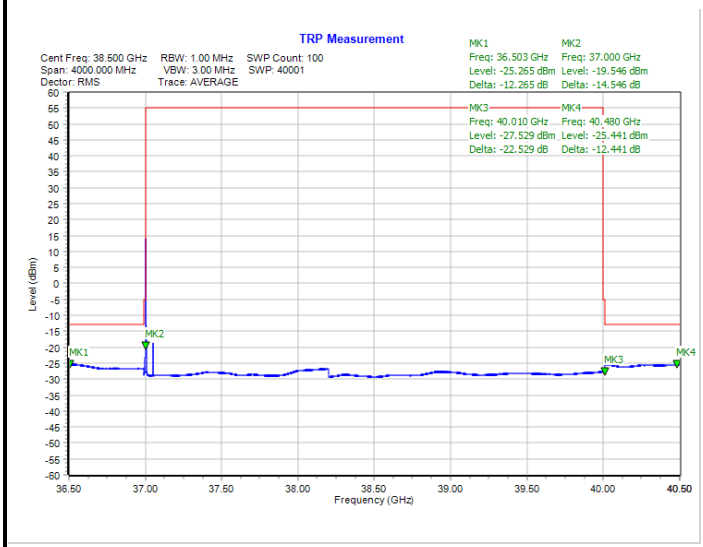


Highest Band Edge / 1 RB

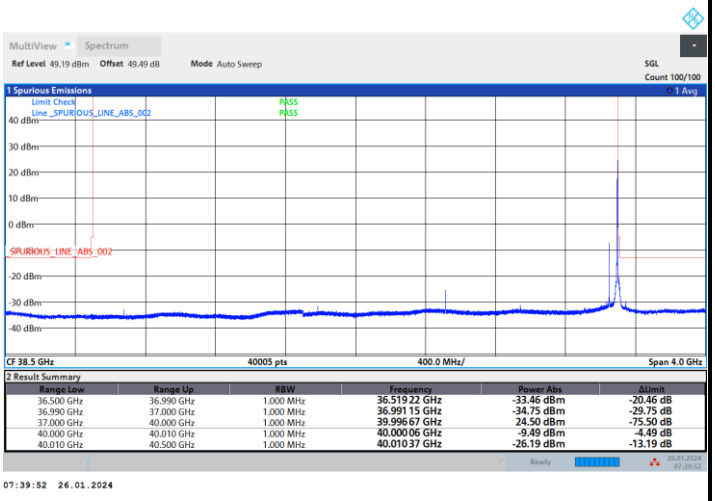


NR Band n260 / 100MHz / QPSK

Lowest Band Edge / 1 RB



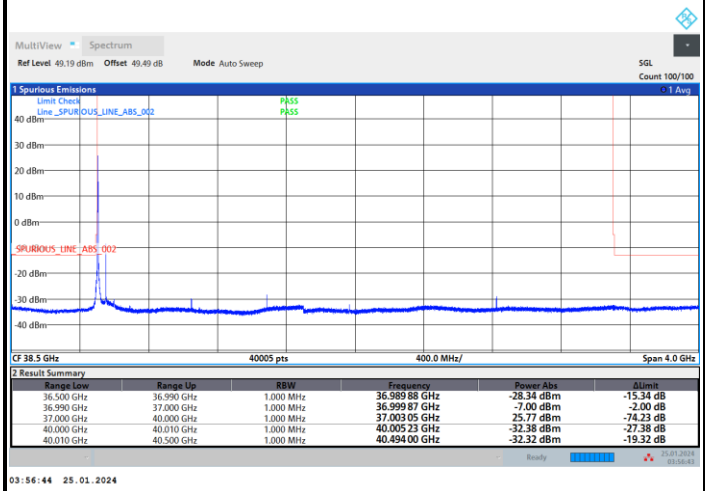
Highest Band Edge / 1 RB



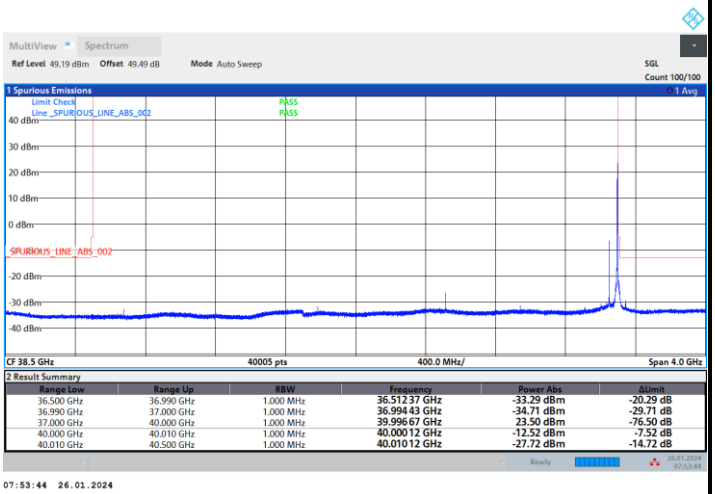
DFT-s-OFDM Module B

NR Band n260 / 100MHz / 16QAM

Lowest Band Edge / 1 RB

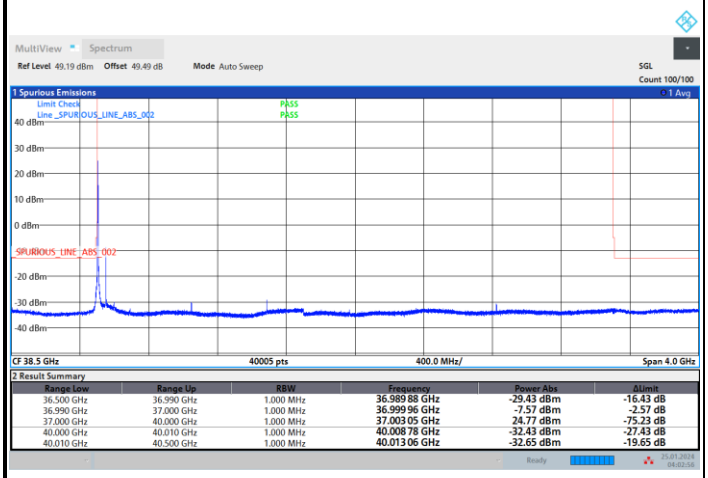


Highest Band Edge / 1 RB

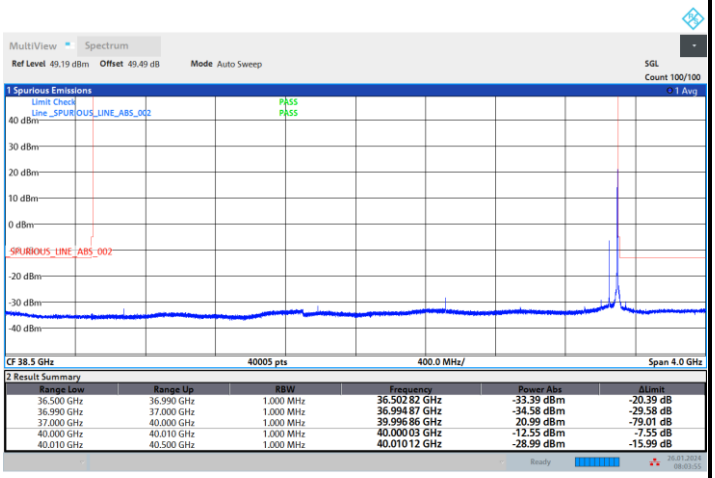


NR Band n260 / 100MHz / 64QAM

Lowest Band Edge / 1 RB



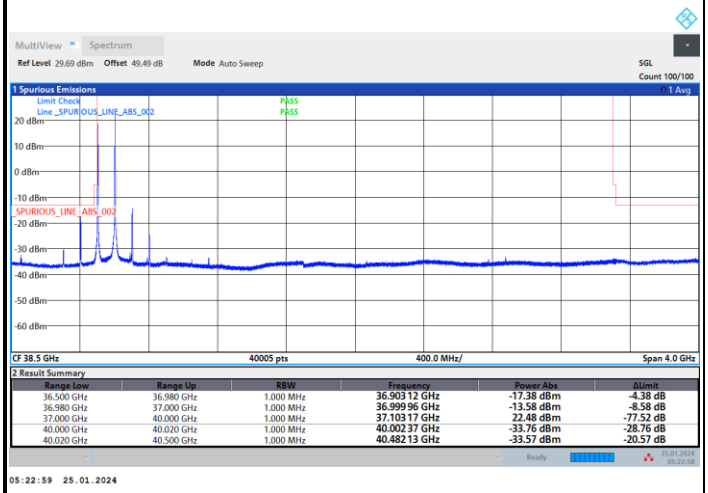
Highest Band Edge / 1 RB



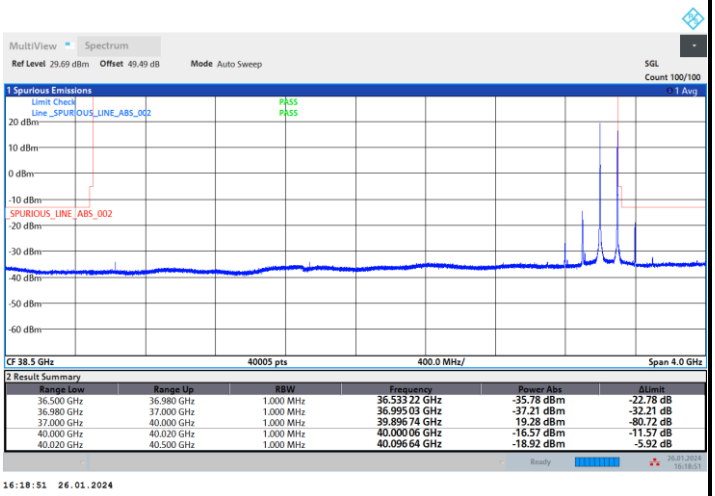
DFT-s-OFDM Module B

NR Band n260 / 200MHz / QPSK

Lowest Band Edge / 1 RB

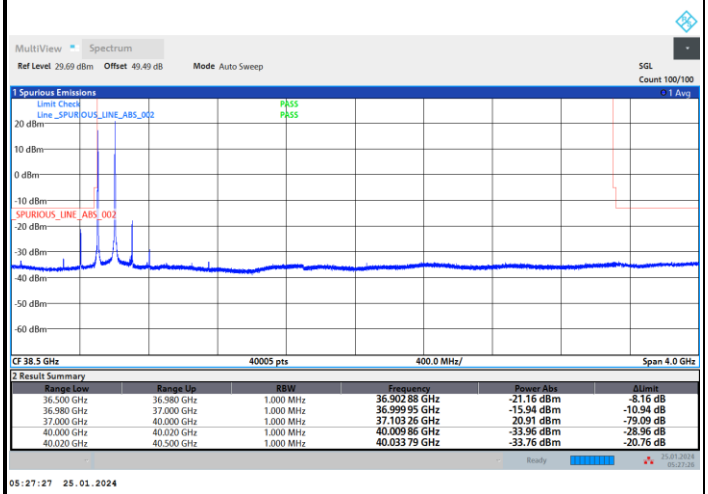


Highest Band Edge / 1 RB

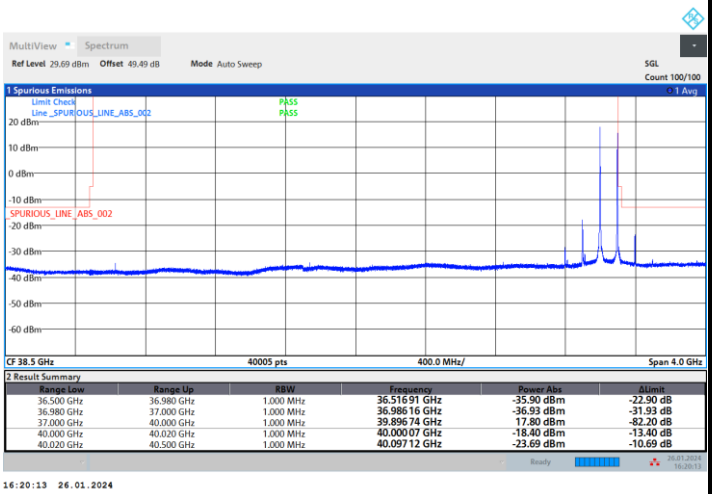


NR Band n260 / 200MHz / 16QAM

Lowest Band Edge / 1 RB



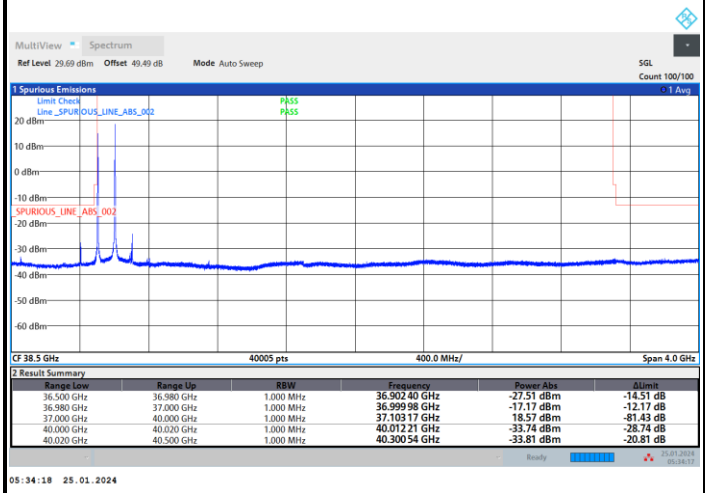
Highest Band Edge / 1 RB



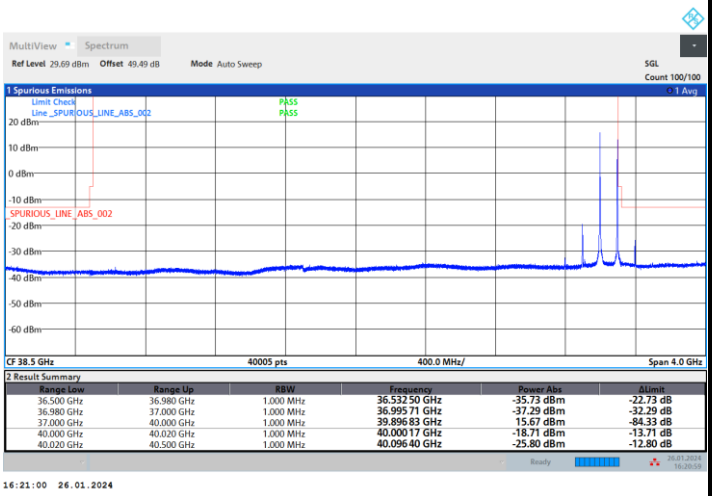
DFT-s-OFDM Module B

NR Band n260 / 200MHz / 64QAM

Lowest Band Edge / 1 RB

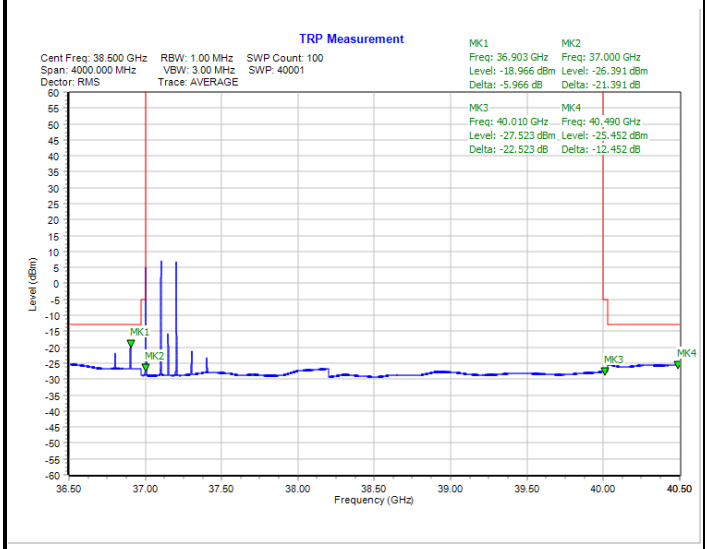


Highest Band Edge / 1 RB

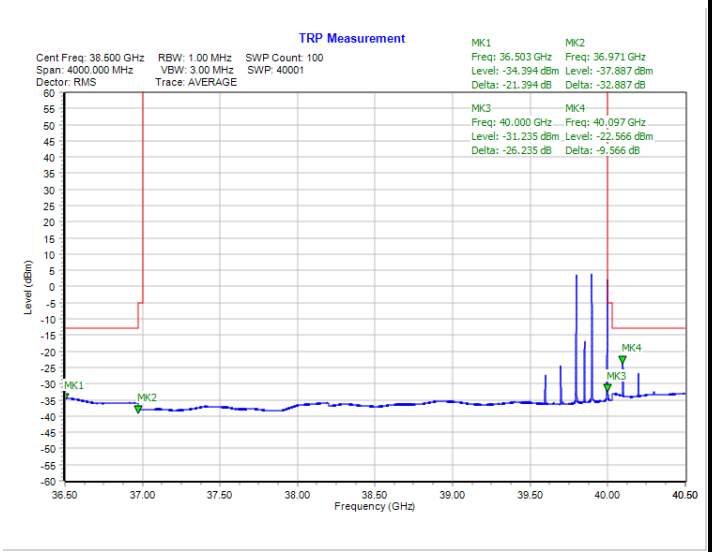


NR Band n260 / 300MHz / QPSK

Lowest Band Edge / 1 RB



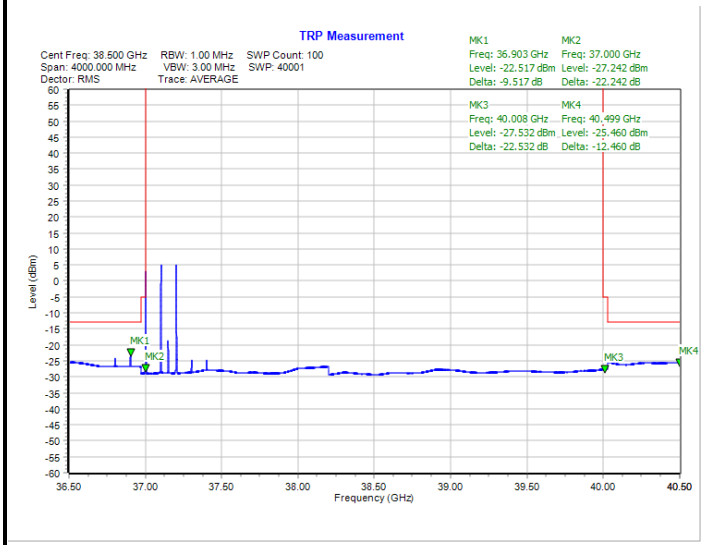
Highest Band Edge / 1 RB



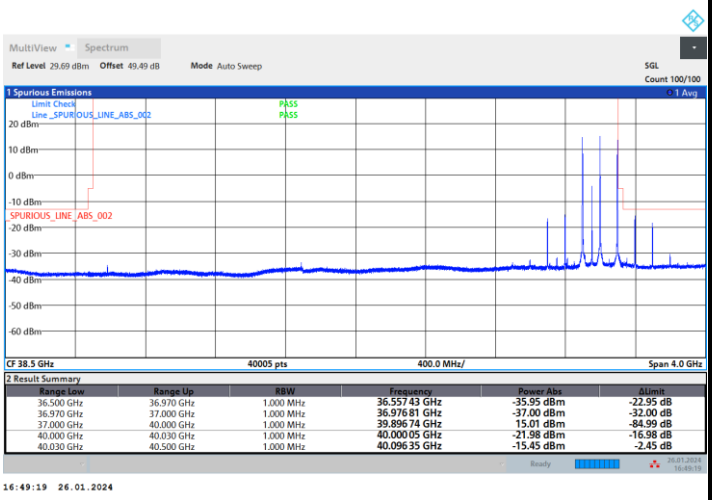
DFT-s-OFDM Module B

NR Band n260 / 300MHz / 16QAM

Lowest Band Edge / 1 RB

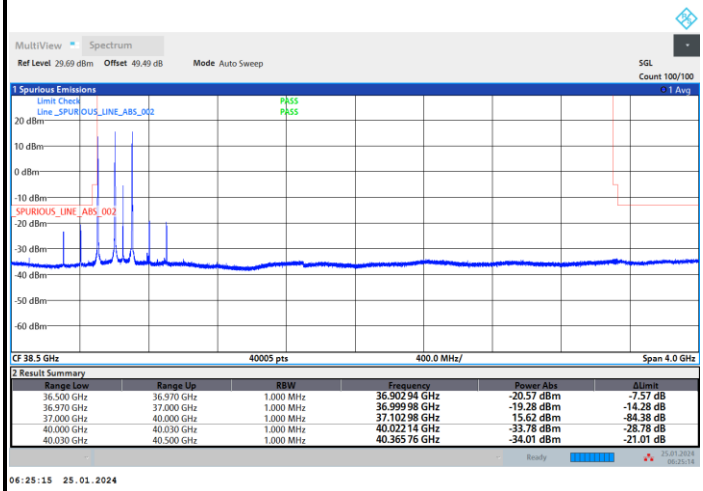
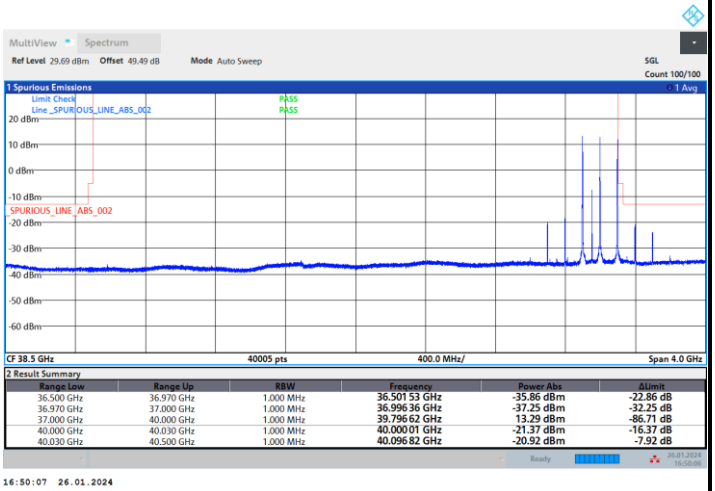


Highest Band Edge / 1 RB



NR Band n260 / 300MHz / 64QAM

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB