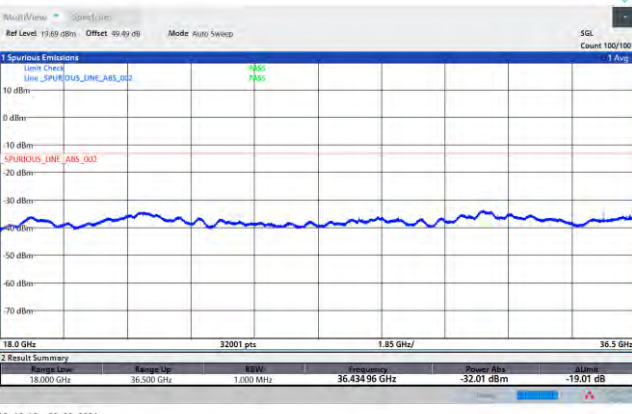
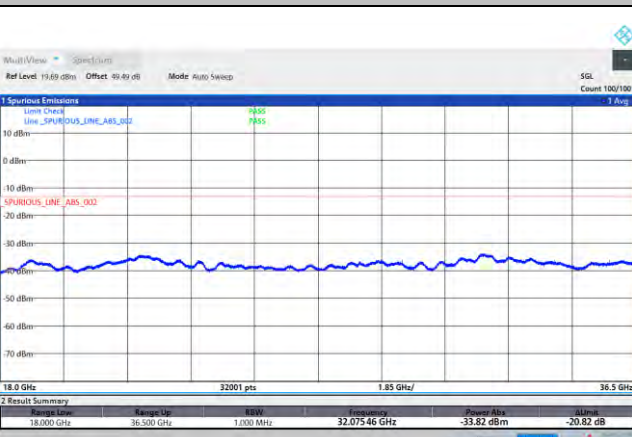
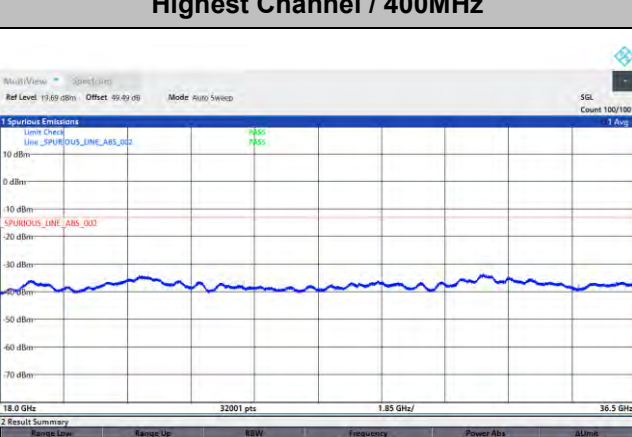


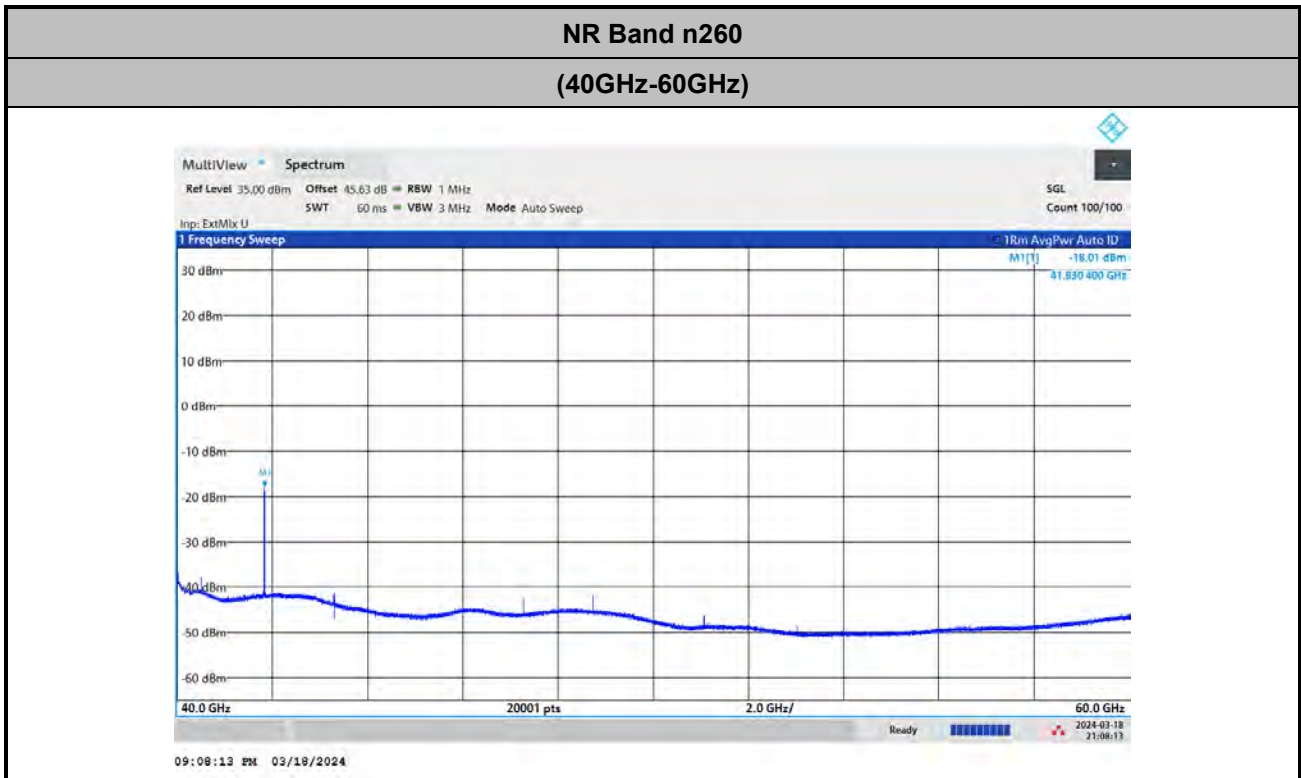


CP-OFDM Module A

NR Band n260 QPSK (18-40GHz)													
Lowest Channel / 400MHz													
 <table><tr><th>Range Low</th><th>Range Up</th><th>RBW</th><th>Frequency</th><th>Power dBS</th><th>Altima</th></tr><tr><td>18.000 GHz</td><td>36.500 GHz</td><td>1.000 MHz</td><td>36.43496 GHz</td><td>-32.01 dBm</td><td>-19.01 dB</td></tr></table> 10:46:13 23.02.2024	Range Low	Range Up	RBW	Frequency	Power dBS	Altima	18.000 GHz	36.500 GHz	1.000 MHz	36.43496 GHz	-32.01 dBm	-19.01 dB	intentionally blank
Range Low	Range Up	RBW	Frequency	Power dBS	Altima								
18.000 GHz	36.500 GHz	1.000 MHz	36.43496 GHz	-32.01 dBm	-19.01 dB								
Middle Channel / 400MHz													
 <table><tr><th>Range Low</th><th>Range Up</th><th>RBW</th><th>Frequency</th><th>Power dBS</th><th>Altima</th></tr><tr><td>18.000 GHz</td><td>36.500 GHz</td><td>1.000 MHz</td><td>32.07546 GHz</td><td>-33.82 dBm</td><td>-20.82 dB</td></tr></table> 10:54:11 24.02.2024	Range Low	Range Up	RBW	Frequency	Power dBS	Altima	18.000 GHz	36.500 GHz	1.000 MHz	32.07546 GHz	-33.82 dBm	-20.82 dB	intentionally blank
Range Low	Range Up	RBW	Frequency	Power dBS	Altima								
18.000 GHz	36.500 GHz	1.000 MHz	32.07546 GHz	-33.82 dBm	-20.82 dB								
Highest Channel / 400MHz													
 <table><tr><th>Range Low</th><th>Range Up</th><th>RBW</th><th>Frequency</th><th>Power dBS</th><th>Altima</th></tr><tr><td>18.000 GHz</td><td>36.500 GHz</td><td>1.000 MHz</td><td>32.06679 GHz</td><td>-33.41 dBm</td><td>-20.41 dB</td></tr></table> 02:47:48 25.02.2024	Range Low	Range Up	RBW	Frequency	Power dBS	Altima	18.000 GHz	36.500 GHz	1.000 MHz	32.06679 GHz	-33.41 dBm	-20.41 dB	intentionally blank
Range Low	Range Up	RBW	Frequency	Power dBS	Altima								
18.000 GHz	36.500 GHz	1.000 MHz	32.06679 GHz	-33.41 dBm	-20.41 dB								

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

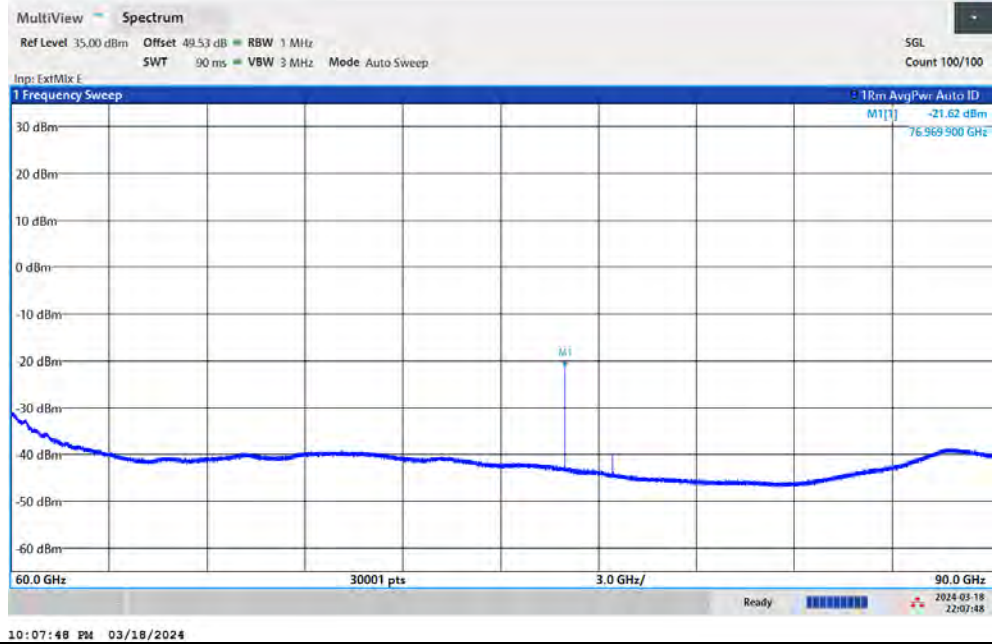
There is no significant spurious emission signal found for frequency started from 40GHz up to 200GHz.
Only the noise floor is reported.



$$\begin{aligned} \text{Offset} &= \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 \\ &= 43 + 0.43 + 107 + 20\log(1) - 104.8 = 45.63(\text{dB}) \end{aligned}$$

NR Band n260

(60GHz-90GHz)

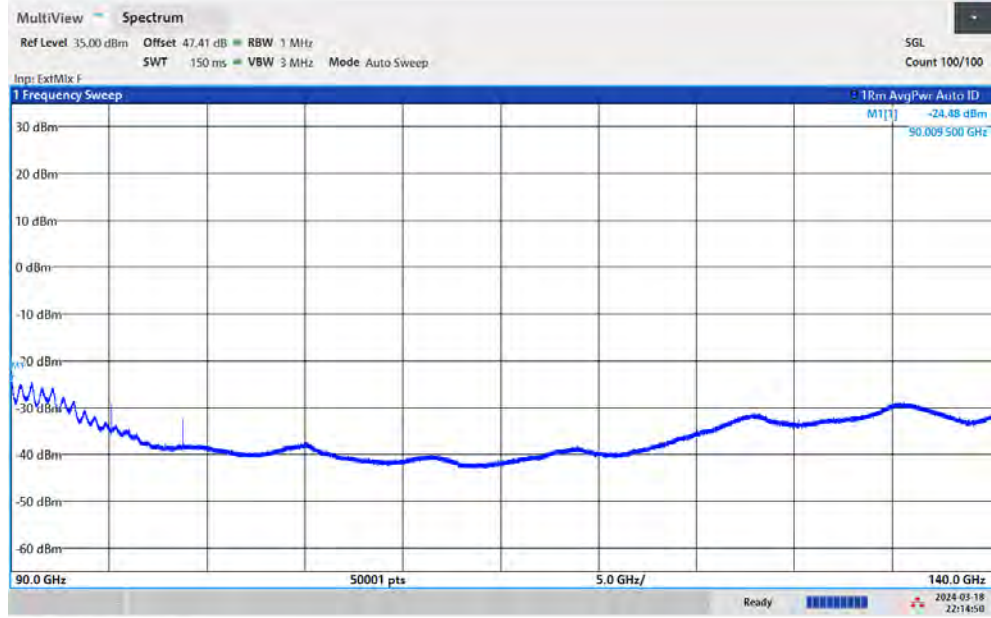


$$\text{Offset} = \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8$$

$$= 46.9 + 0.43 + 107 + 20\log(1) - 104.8 = 49.53 \text{ (dB)}$$

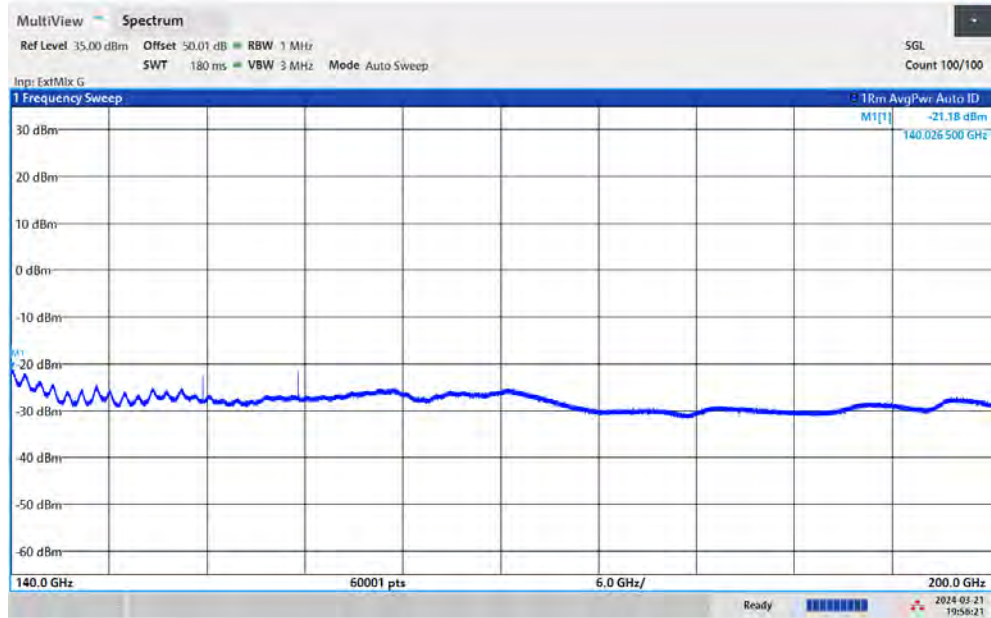
NR Band n260

(90GHz-140GHz)



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

$$= 50.80 + 0.43 + 107 + 20\log(0.5) - 104.8 = 47.41 \text{ (dB)}$$

NR Band n260
(140GHz-200GHz)


$$\begin{aligned} \text{Offset} &= \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 \\ &= 53.4 + 0.43 + 107 + 20\log(0.5) - 104.8 = 50.01(\text{dB}) \end{aligned}$$

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	38.4998701	245.800	6.384	Pass
40	Normal Voltage	38.4999261	189.800	4.930	
30	Normal Voltage	38.50001	105.900	2.751	
20(Ref.)	Normal Voltage	38.5001159	0.000	0.000	
10	Normal Voltage	38.500039	76.900	1.997	
0	Normal Voltage	38.5001439	-28.000	0.727	
-10	Normal Voltage	38.5002008	-84.900	2.205	
-20	Normal Voltage	38.5002208	-104.900	2.725	
-30	Normal Voltage	38.5002406	-124.700	3.239	
20	Maximum Voltage	38.5000919	24.000	0.623	
20	Normal Voltage	38.5001079	8.000	0.208	
20	Battery End Point	38.5001009	15.000	0.390	

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	46.05	46.00	45.97	90.98	90.93	91.01	190.15	189.92	189.79
Middle CH	45.78	45.67	45.69	91.00	90.89	91.15	189.69	189.67	189.86
Highest CH	46.22	46.16	45.99	91.19	91.09	91.05	190.35	189.71	189.75

Mode	DFT-s-OFDM Module B NR Band n260 : 99%OBW(MHz)					
BW	300MHz			400MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	290.09	289.71	290.12	390.54	389.47	389.94
Middle CH	289.88	289.16	289.45	390.00	388.23	390.18
Highest CH	291.07	290.13	290.72	391.68	390.81	391.31

Mode	CP-OFDM Module B NR Band n260 : 99%OBW(MHz)		
BW	50MHz	100MHz	200MHz
Mod.	QPSK	QPSK	QPSK
Lowest CH	46.14	94.17	193.19
Middle CH	45.98	94.09	192.10
Highest CH	46.13	94.35	193.19

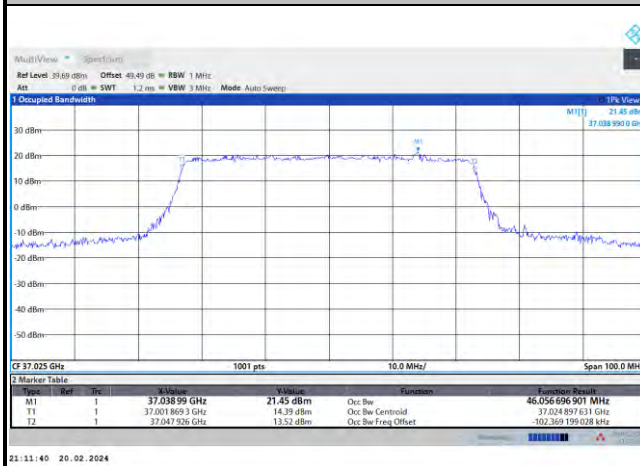
Mode	CP-OFDM Module B NR Band n260 : 99%OBW(MHz)	
BW	300MHz	400MHz
Mod.	QPSK	QPSK
Lowest CH	294.34	394.07
Middle CH	293.53	392.28
Highest CH	294.94	393.98



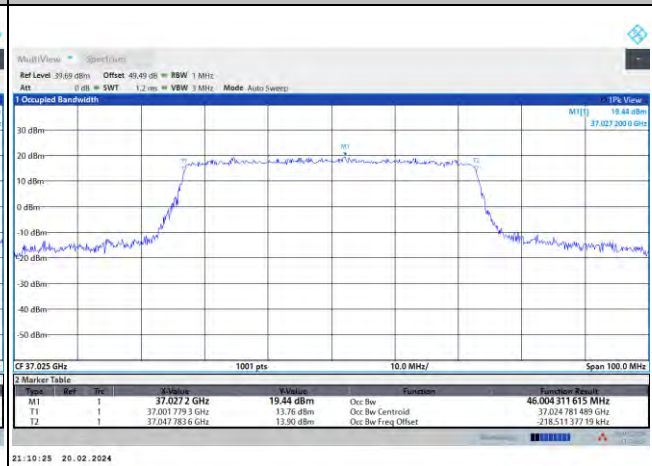
DFT-s-OFDM Module B

NR Band n260

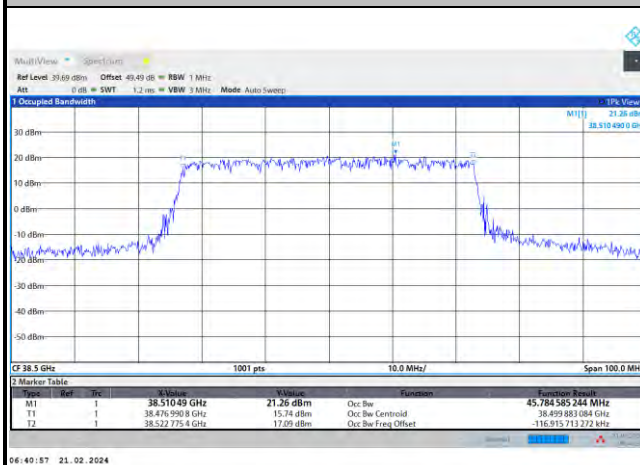
Lowest Channel / 50MHz / QPSK



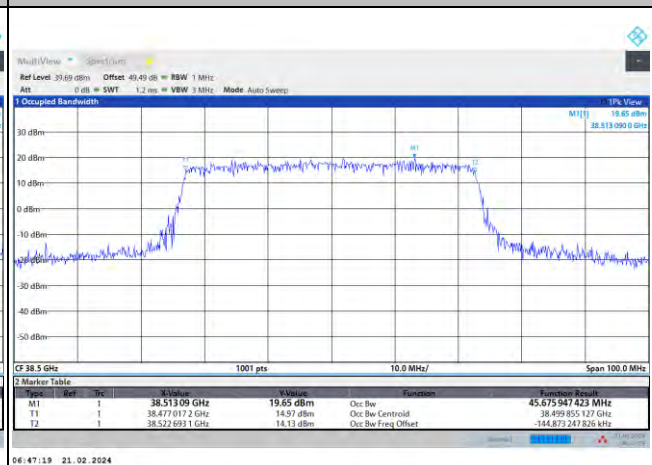
Lowest Channel / 50MHz / 16QAM



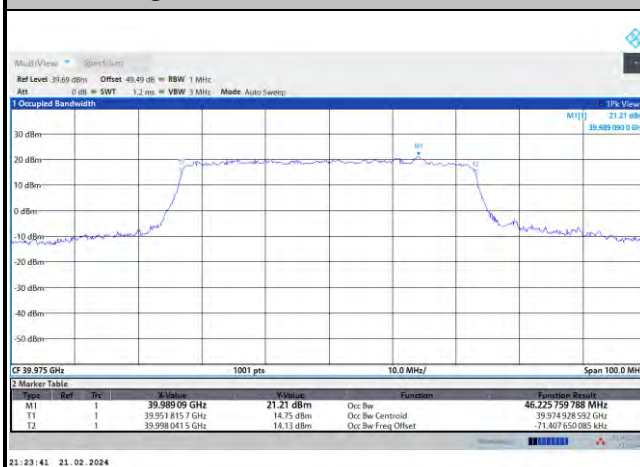
Middle Channel / 50MHz / QPSK



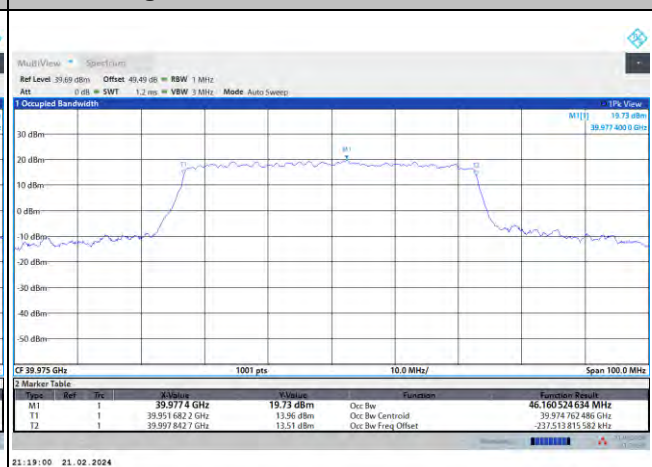
Middle Channel / 50MHz / 16QAM



Highest Channel / 50MHz / QPSK

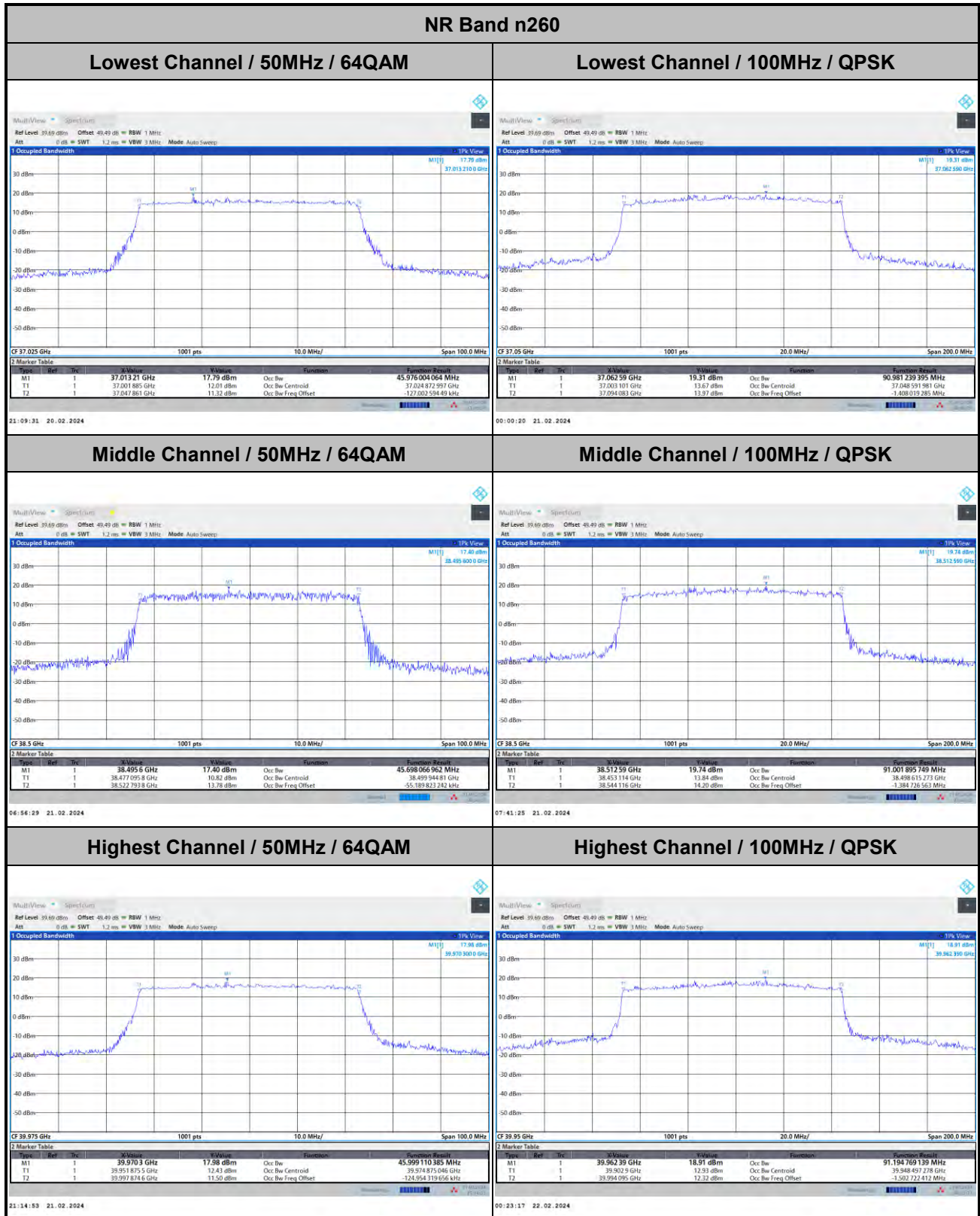


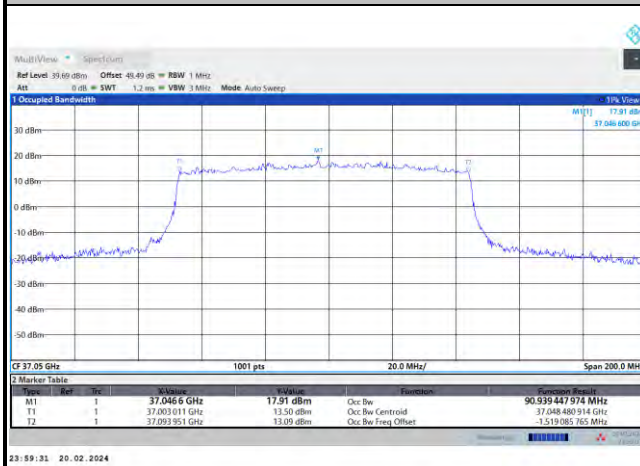
Highest Channel / 50MHz / 16QAM

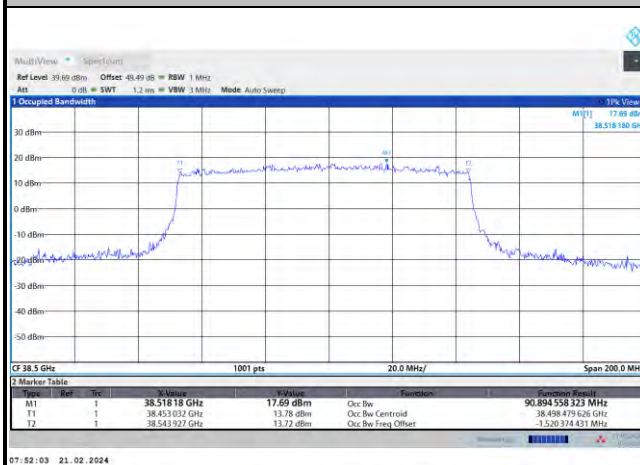
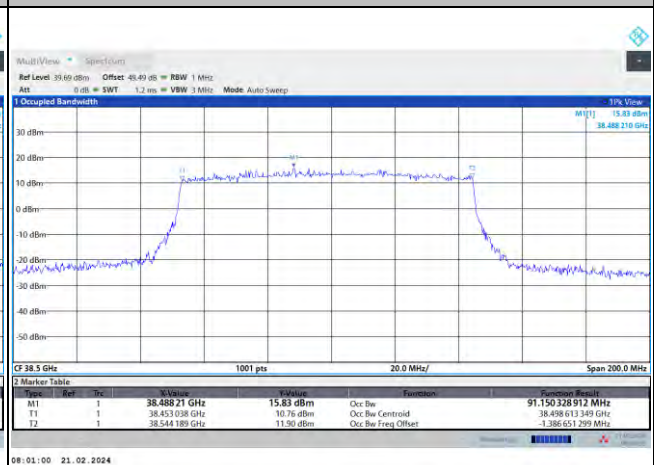
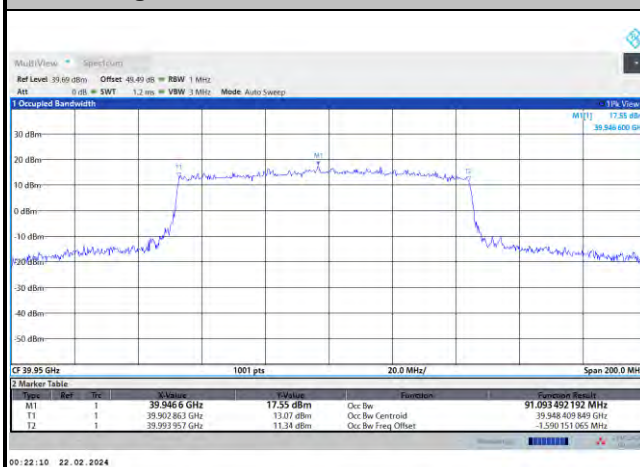
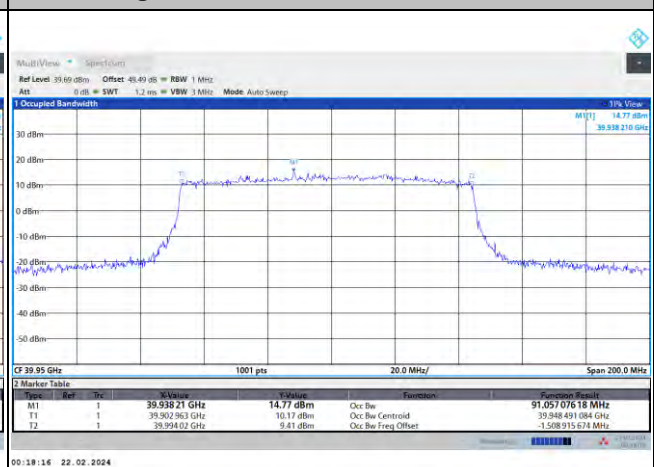




DFT-s-OFDM Module B



DFT-s-OFDM Module B
NR Band n260
Lowest Channel / 100MHz / 16QAM

Lowest Channel / 100MHz / 64QAM

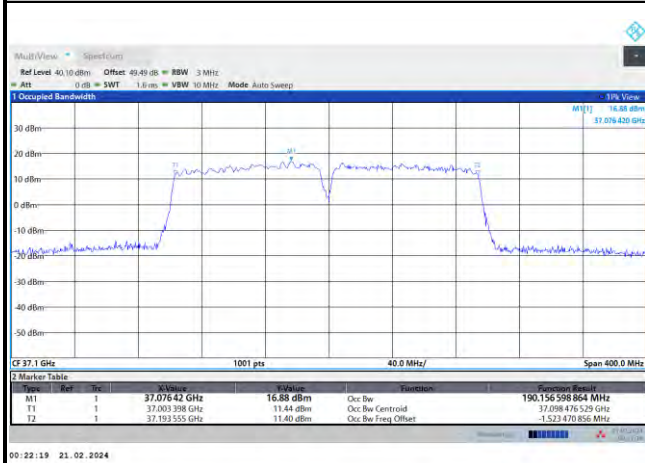
Middle Channel / 100MHz / 16QAM

Middle Channel / 100MHz / 64QAM

Highest Channel / 100MHz / 16QAM

Highest Channel / 100MHz / 64QAM




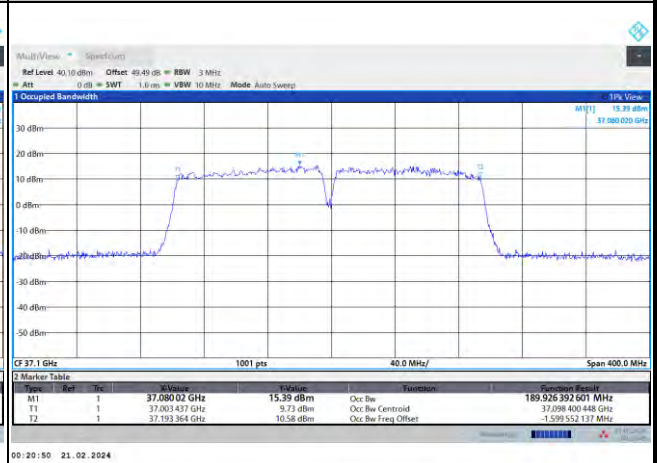
DFT-s-OFDM Module B

NR Band n260

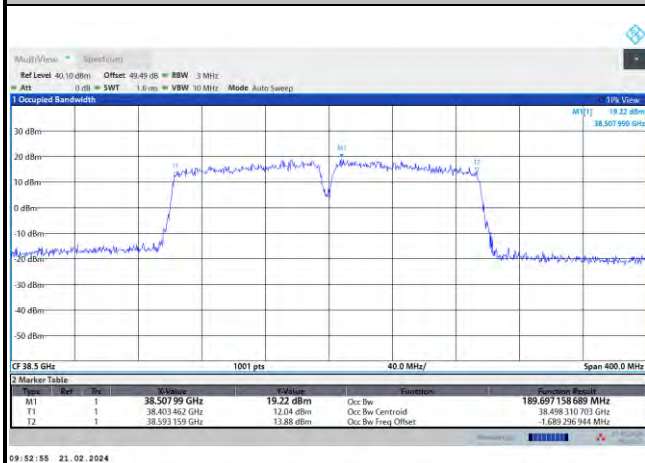
Lowest Channel / 200MHz / QPSK



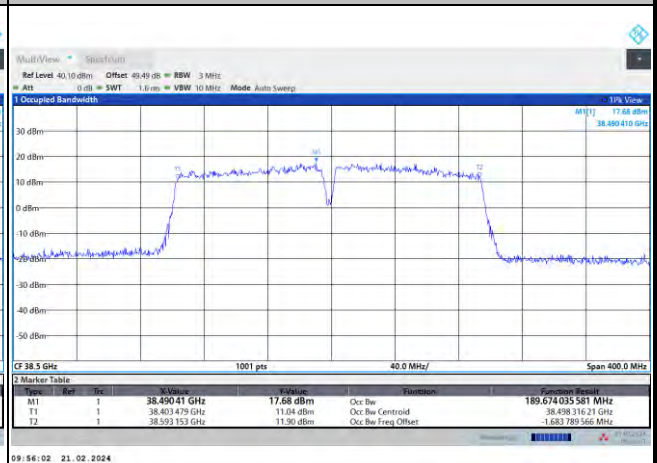
Lowest Channel / 200MHz / 16QAM



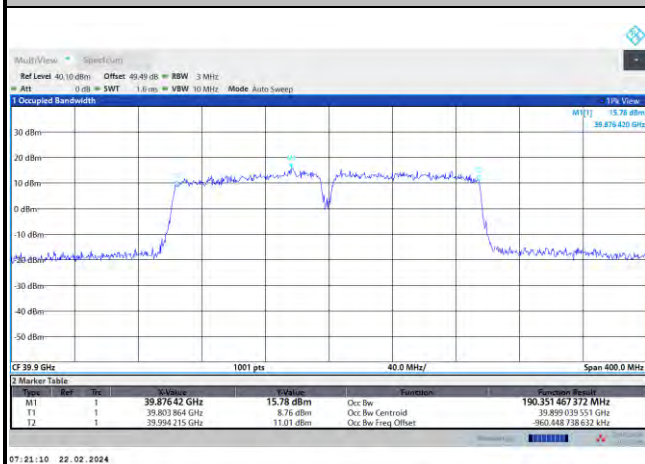
Middle Channel / 200MHz / QPSK



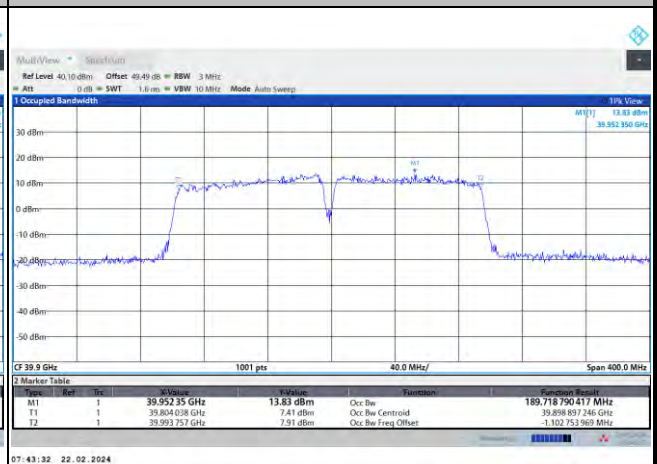
Middle Channel / 200MHz / 16QAM



Highest Channel / 200MHz / QPSK



Highest Channel / 200MHz / 16QAM

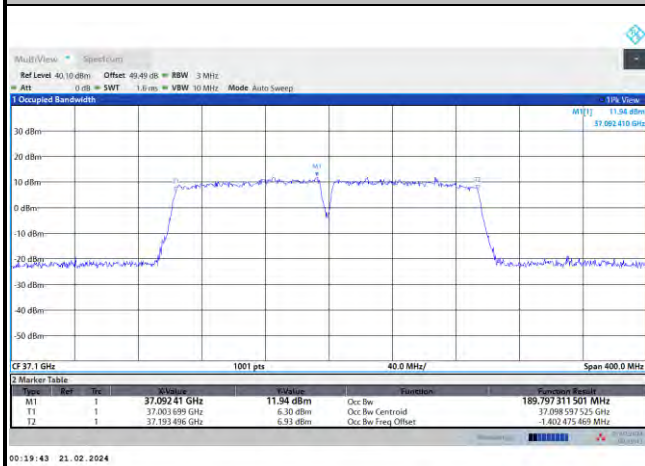




DFT-s-OFDM Module B

NR Band n260

Lowest Channel / 200MHz / 64QAM



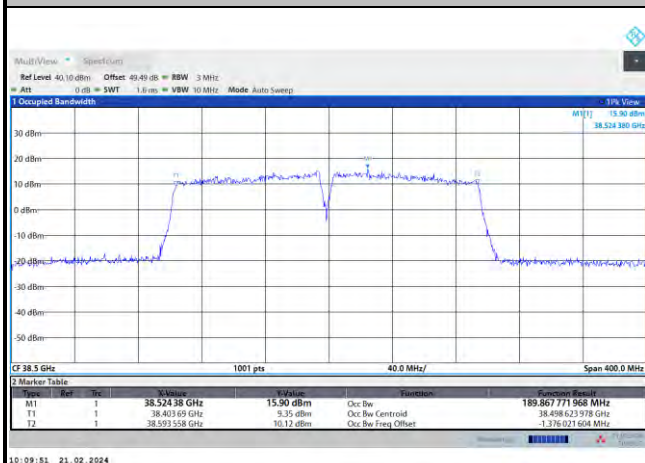
00:19:43 21.02.2024

Lowest Channel / 300MHz / QPSK



00:44:02 21.02.2024

Middle Channel / 200MHz / 64QAM



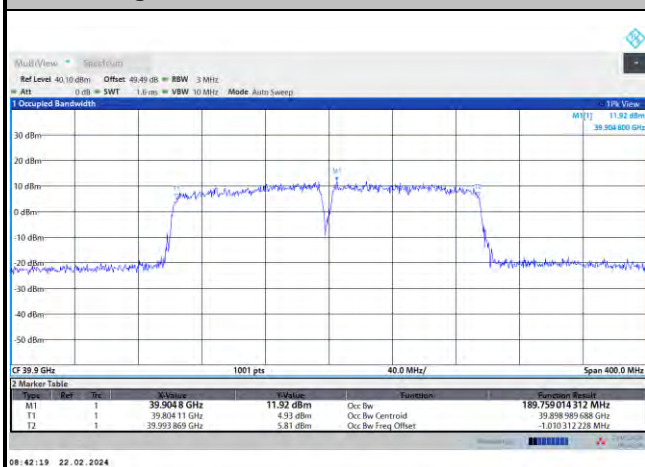
10:09:51 21.02.2024

Middle Channel / 300MHz / QPSK



12:56:22 21.02.2024

Highest Channel / 200MHz / 64QAM



09:42:19 22.02.2024

Highest Channel / 300MHz / QPSK



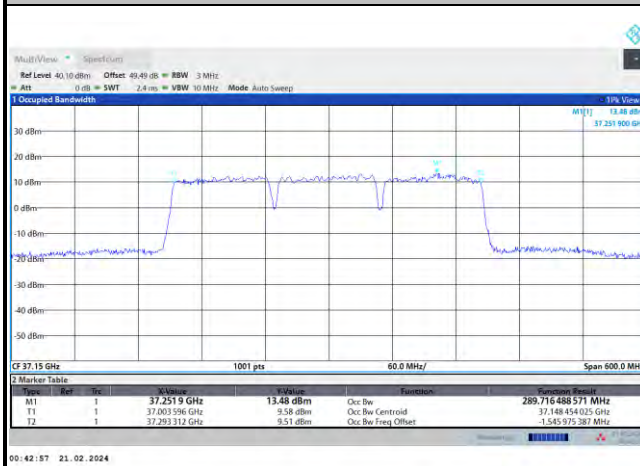
09:19:47 22.02.2024



DFT-s-OFDM Module B

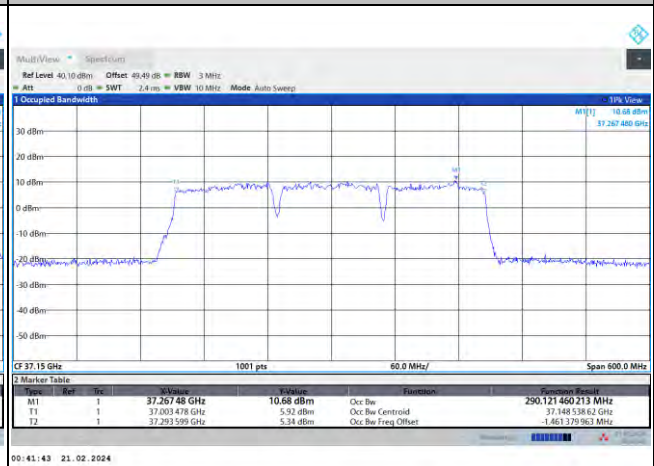
NR Band n260

Lowest Channel / 300MHz / 16QAM



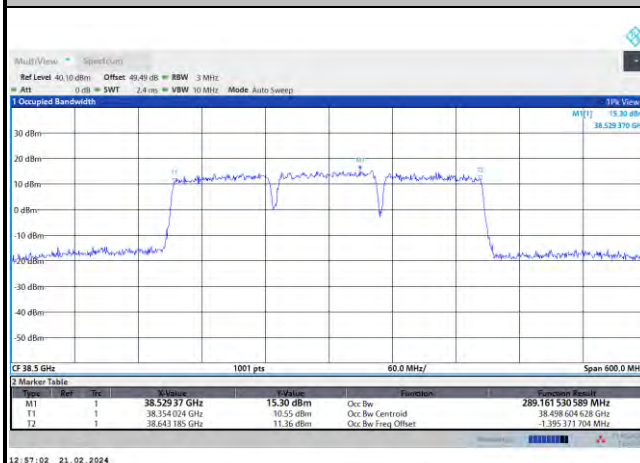
00:42:57 21.02.2024

Lowest Channel / 300MHz / 64QAM



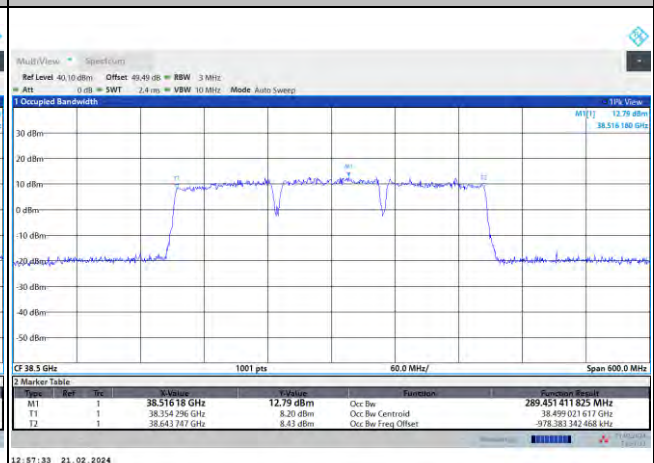
00:41:43 21.02.2024

Middle Channel / 300MHz / 16QAM



12:57:02 21.02.2024

Middle Channel / 300MHz / 64QAM



12:57:33 21.02.2024

Highest Channel / 300MHz / 16QAM



09:32:58 22.02.2024

Highest Channel / 300MHz / 64QAM



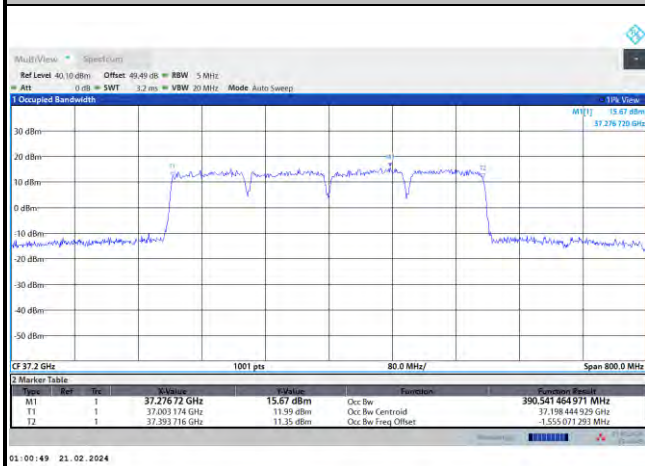
09:40:19 22.02.2024



DFT-s-OFDM Module B

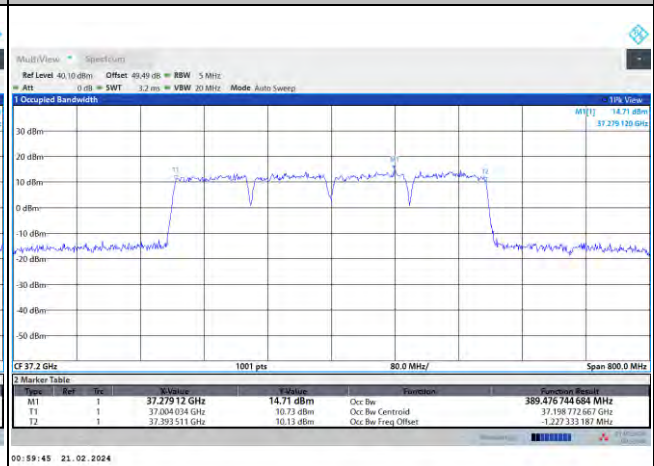
NR Band n260

Lowest Channel / 400MHz / QPSK



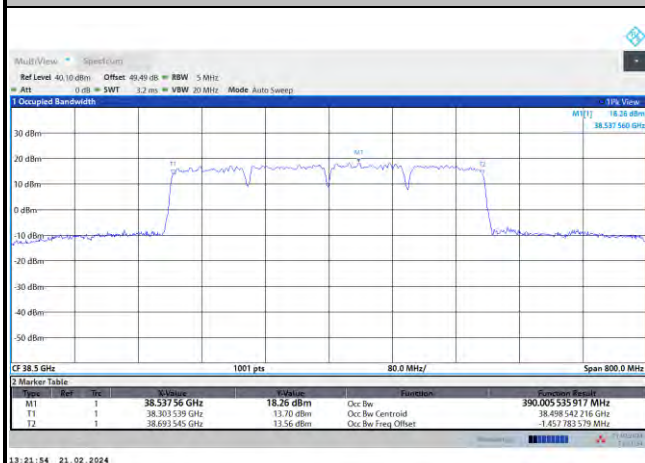
01:00:49 21.02.2024

Lowest Channel / 400MHz / 16QAM



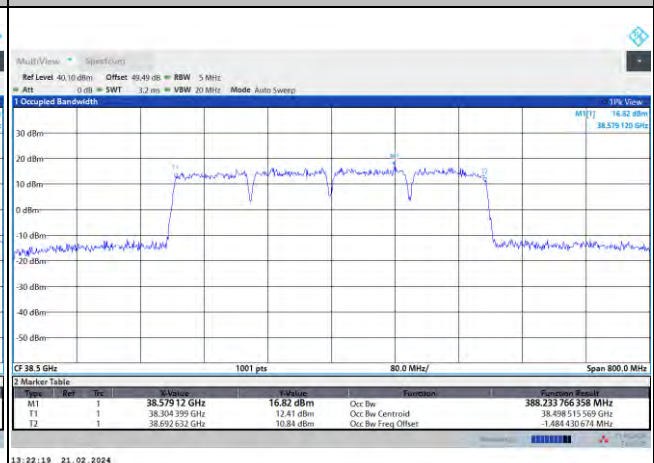
00:59:45 21.02.2024

Middle Channel / 400MHz / QPSK



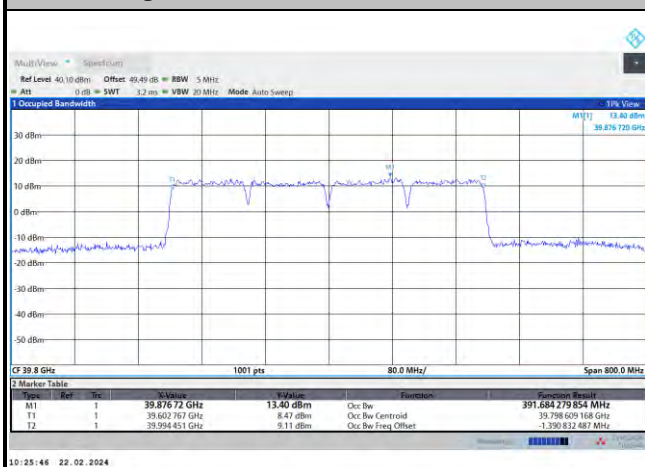
13:21:54 21.02.2024

Middle Channel / 400MHz / 16QAM



13:22:19 21.02.2024

Highest Channel / 400MHz / QPSK



10:25:46 22.02.2024

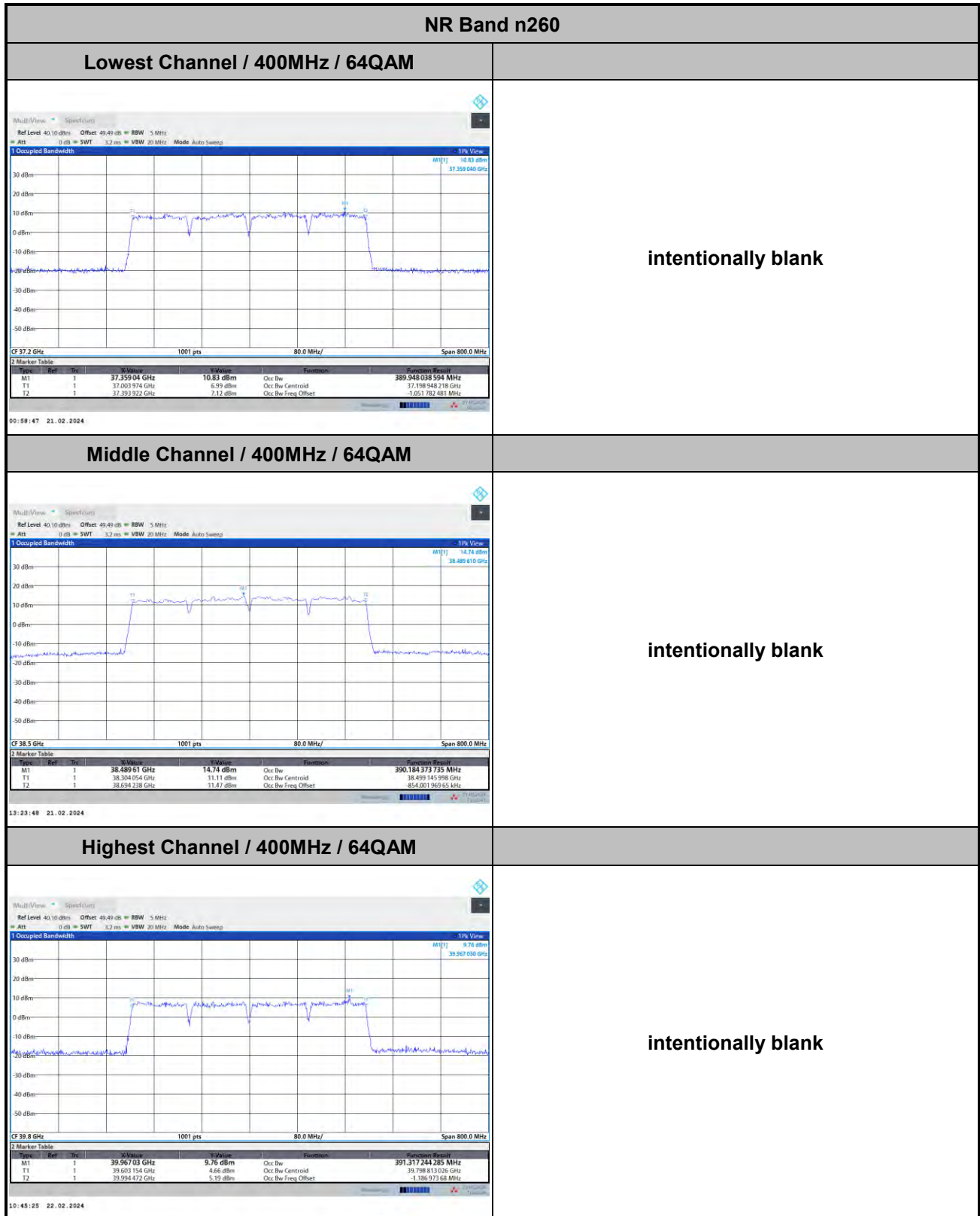
Highest Channel / 400MHz / 16QAM



10:36:05 22.02.2024



DFT-s-OFDM Module B

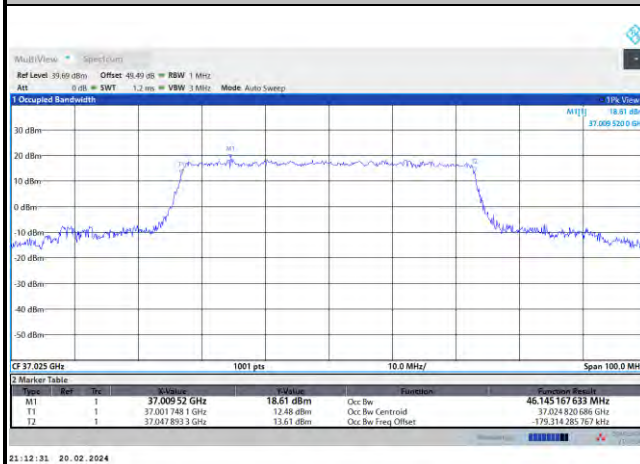




CP-OFDM Module B

NR Band n260

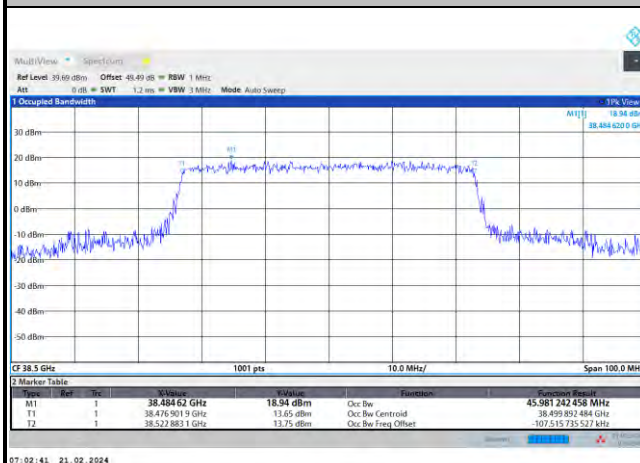
Lowest Channel / 50MHz / QPSK



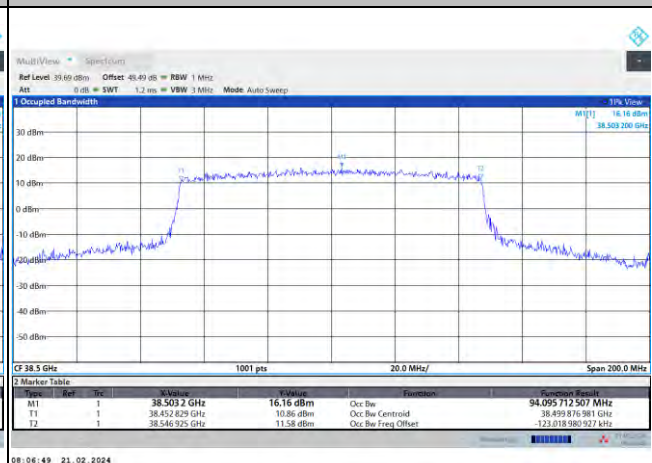
Lowest Channel / 100MHz / QPSK



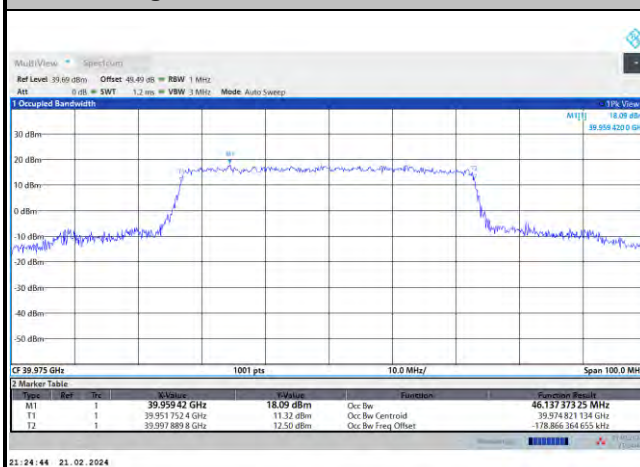
Middle Channel / 50MHz / QPSK



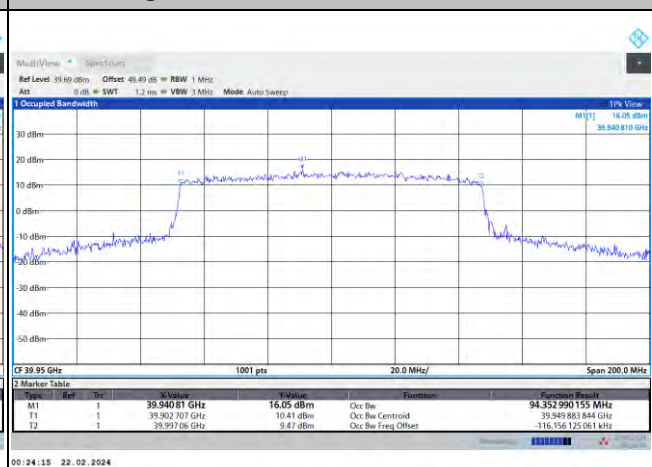
Middle Channel / 100MHz / QPSK



Highest Channel / 50MHz / QPSK



Highest Channel / 100MHz / QPSK

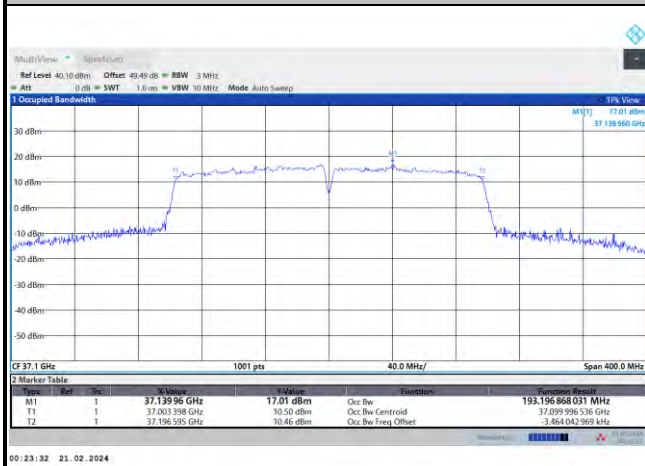




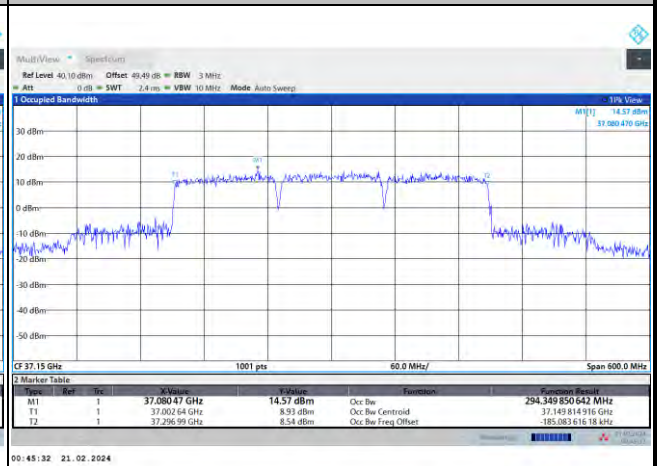
CP-OFDM Module B

NR Band n260

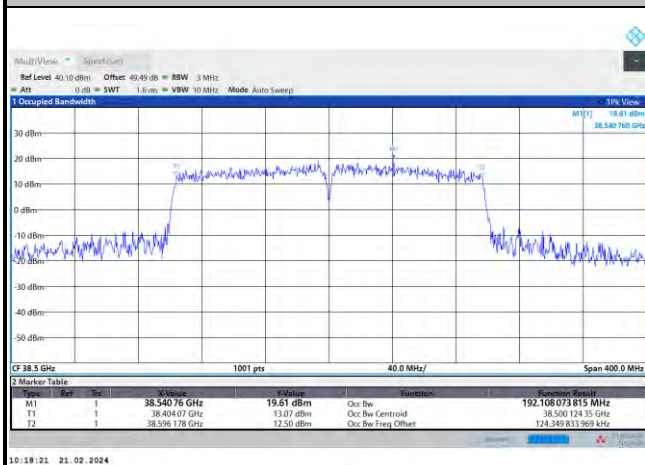
Lowest Channel / 200MHz / QPSK



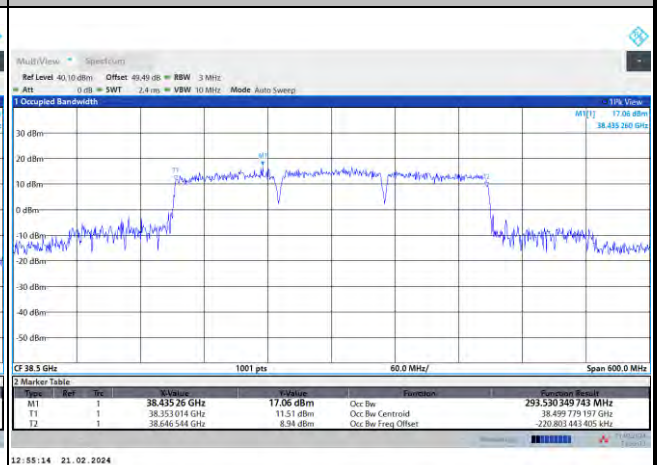
Lowest Channel / 300MHz / QPSK



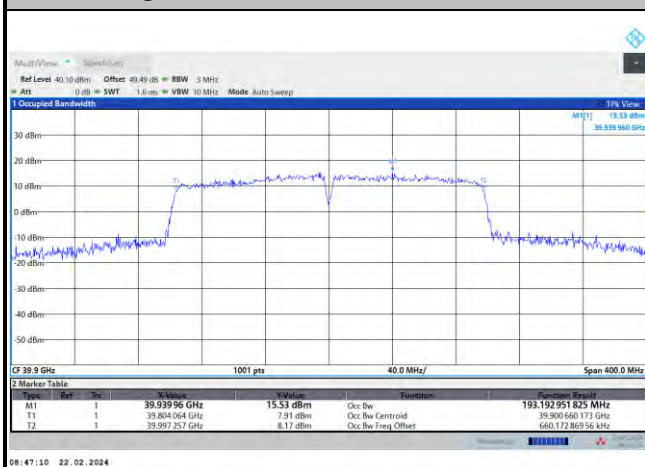
Middle Channel / 200MHz / QPSK



Middle Channel / 300MHz / QPSK



Highest Channel / 200MHz / QPSK



Highest Channel / 300MHz / QPSK

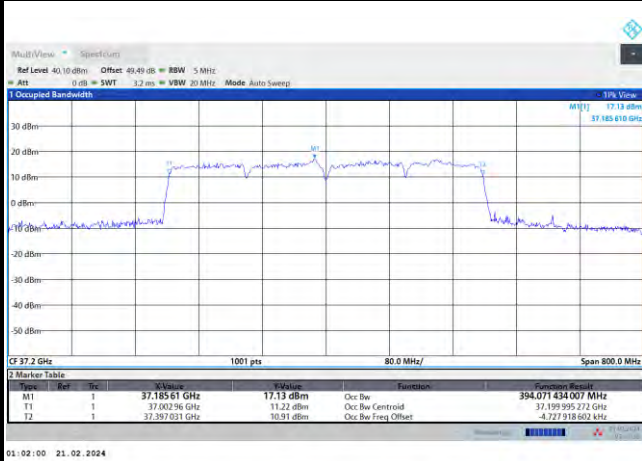




CP-OFDM Module B

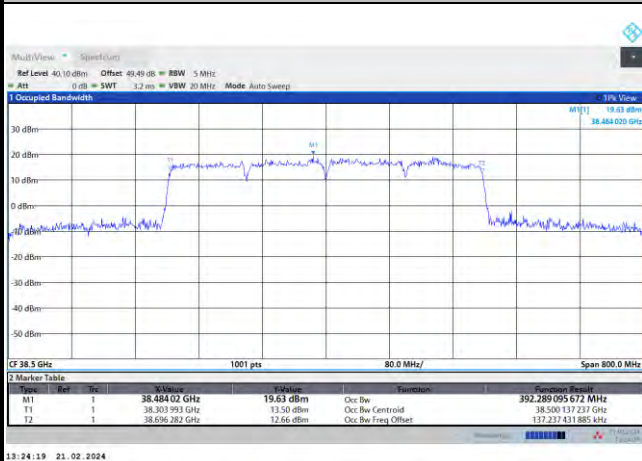
NR Band n260

Lowest Channel / 400MHz / QPSK



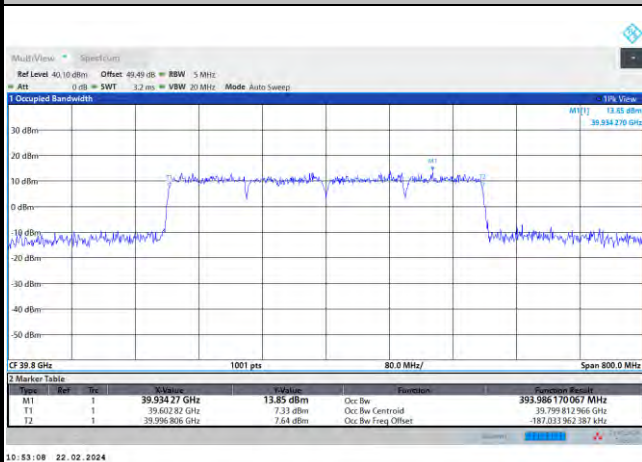
intentionally blank

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	-5.38	-5.41	-8.97	-5.75	-8.14	-9.68	-13.87	-17.41	-19.49
	>10%OB	≤ -13	-24.08	-26.24	-27.74	-28.37	-30.11	-30.84	-17.67	-23.83	-28.48
High CH	0~10%OB	≤ -5	-7.90	-9.10	-11.49	-9.56	-11.75	-12.23	-16.74	-19.50	-19.64
	>10%OB	≤ -13	-22.77	-22.72	-25.24	-26.63	-28.28	-28.98	-18.43	-20.39	-23.96
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	-26.970	-18.68	-20.90	-25.765	-18.26	-20.31
	>10%OB	≤ -13	-19.341	-16.14	-22.83	-20.415	-19.28	-26.58
High CH	0~10%OB	≤ -5	-25.973	-22.42	-22.80	-25.924	-22.54	-23.36
	>10%OB	≤ -13	-20.137	-15.97	-21.50	-21.393	-18.70	-24.26
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	-6.98	-6.28	-25.013
	>10%OB	≤ -13	-26.17	-29.20	-20.918
High CH	0~10%OB	≤ -5	-8.89	-9.14	-24.410
	>10%OB	≤ -13	-23.59	-27.48	-20.405
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	-26.440	-24.974
	>10%OB	≤ -13	-15.136	-18.929
High CH	0~10%OB	≤ -5	-25.669	-25.784
	>10%OB	≤ -13	-17.147	-18.958
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	-14.66	-17.47	-20.78	-17.01	-19.24	-22.28	-24.17	-24.76	-28.15
	>10%OB	≤-13	-20.88	-24.38	-29.63	-22.76	-25.48	-30.27	-29.49	-32.00	-33.82
High CH	0~10%OB	≤-5	-12.99	-16.71	-19.60	-17.34	-20.42	-24.69	-26.94	-29.24	-30.44
	>10%OB	≤-13	-15.78	-18.63	-24.22	-19.23	-22.71	-27.88	-28.70	-30.75	-32.09
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	-24.43	-26.70	-27.71	-25.83	-26.84	-30.99
	>10%OB	≤-13	-26.10	-30.19	-33.72	-27.98	-30.67	-33.81
High CH	0~10%OB	≤-5	-25.54	-28.65	-30.89	-27.66	-29.66	-32.24
	>10%OB	≤-13	-25.79	-28.92	-31.85	-27.51	-29.92	-32.59
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	-16.52	-18.51	-23.05
	>10%OB	≤-13	-21.41	-22.69	-26.69
High CH	0~10%OB	≤-5	-15.90-	-17.31	-22.47
	>10%OB	≤-13	17.21	-19.93	-25.43
Result			Compliance		

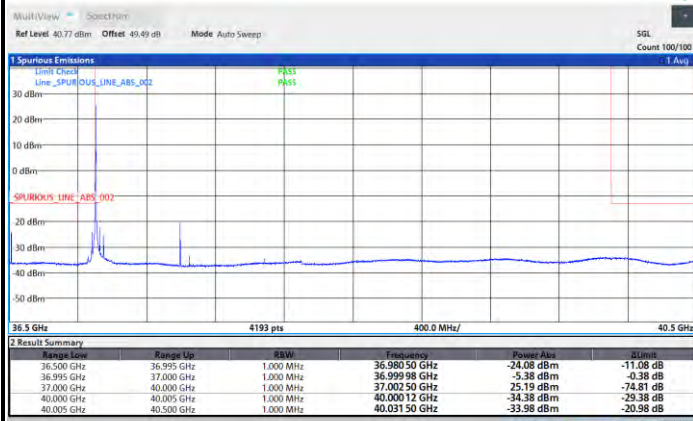
Mode			CP-OFDM Module B NR Band n260 : BE (dBm) Full RB	
BW			300MHz	400MHz
Limit (dBm)			QPSK	QPSK
Low CH	0~10%OB	≤-5	-22.73	-24.11
	>10%OB	≤-13	-23.88	-26.64
High CH	0~10%OB	≤-5	-22.58	-25.13
	>10%OB	≤-13	-23.39	-26.19
Result			Compliance	



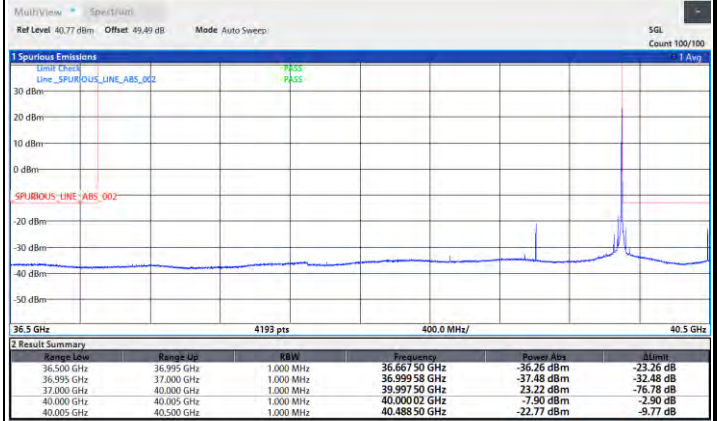
DFT-s-OFDM Module B

NR Band n260 / 50MHz / QPSK

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB

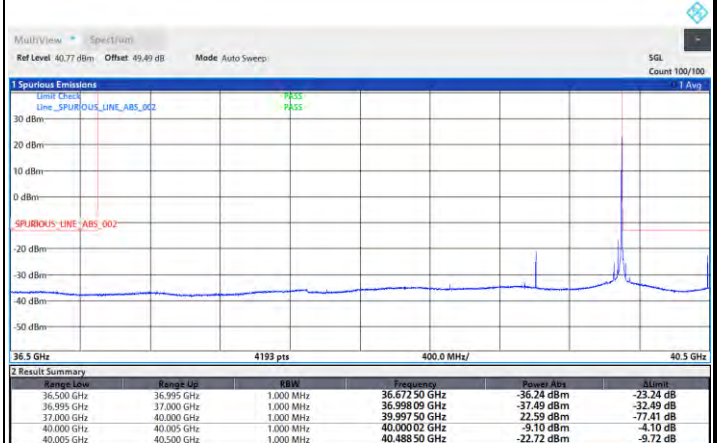


NR Band n260 / 50MHz / 16QAM

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB

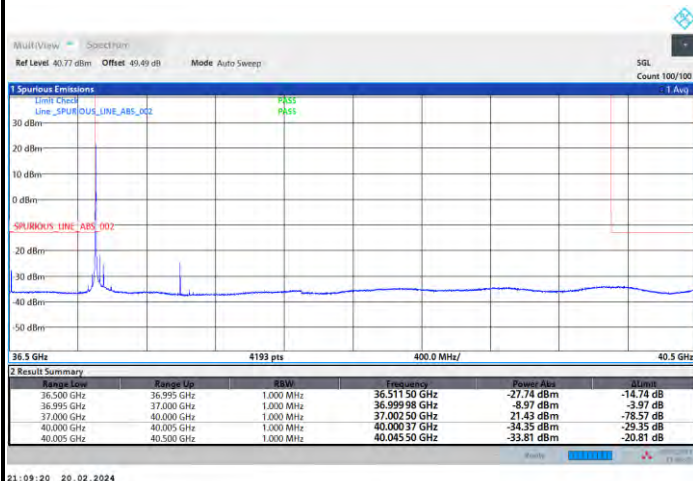




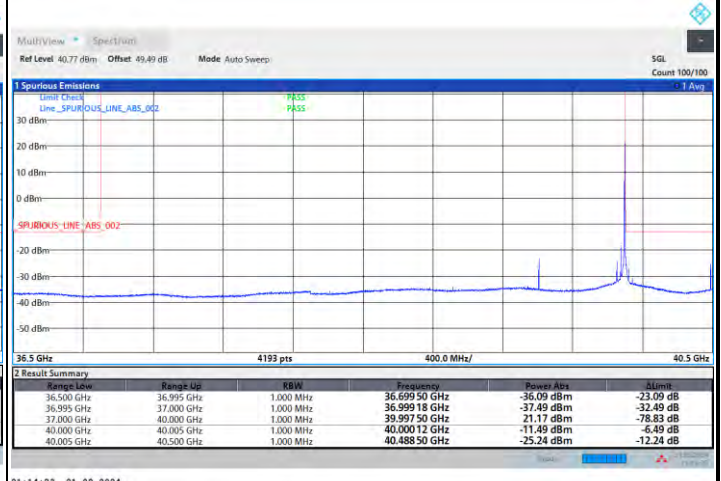
DFT-s-OFDM Module B

NR Band n260 / 50MHz / 64QAM

Lowest Band Edge / 1 RB

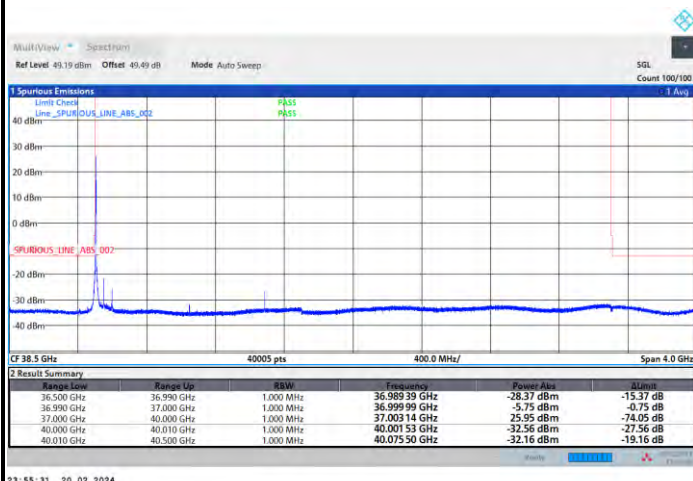


Highest Band Edge / 1 RB



NR Band n260 / 100MHz / QPSK

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB

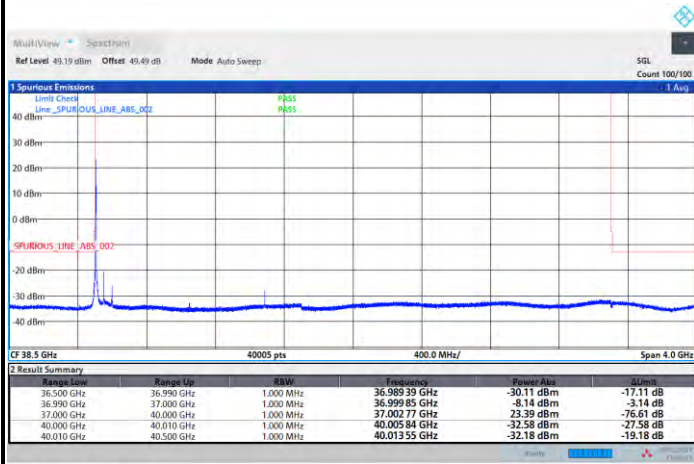




DFT-s-OFDM Module B

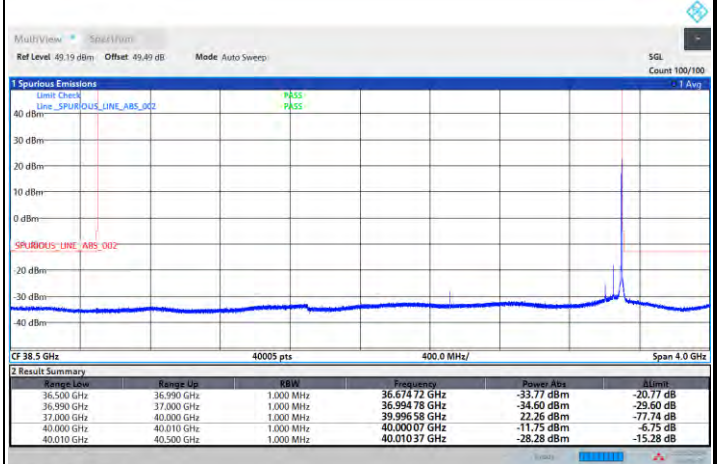
NR Band n260 / 100MHz / 16QAM

Lowest Band Edge / 1 RB



23:56:51 20.02.2024

Highest Band Edge / 1 RB



00:16:21 22.02.2024

NR Band n260 / 100MHz / 64QAM

Lowest Band Edge / 1 RB



23:57:44 20.02.2024

Highest Band Edge / 1 RB



00:17:02 22.02.2024



DFT-s-OFDM Module B

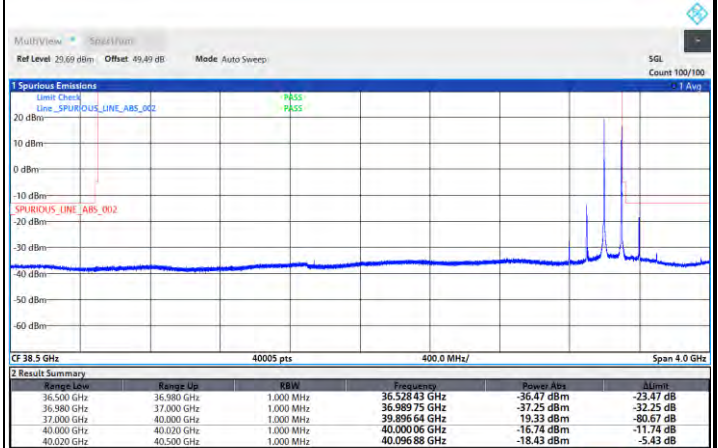
NR Band n260 / 200MHz / QPSK

Lowest Band Edge / 1 RB



00:14:21 21.02.2024

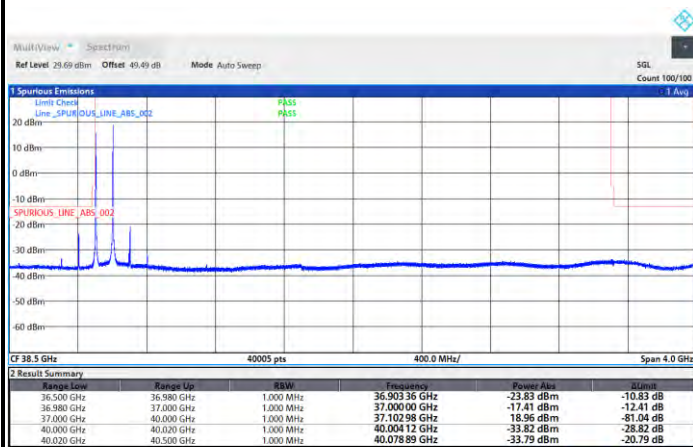
Highest Band Edge / 1 RB



07:17:10 22.02.2024

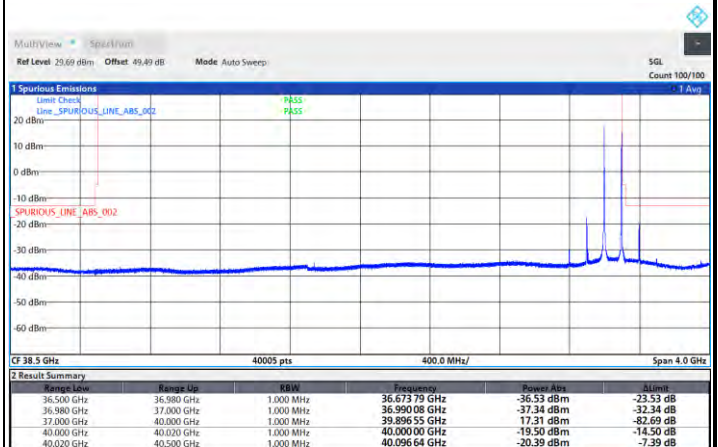
NR Band n260 / 200MHz / 16QAM

Lowest Band Edge / 1 RB



00:15:07 21.02.2024

Highest Band Edge / 1 RB



07:43:00 22.02.2024



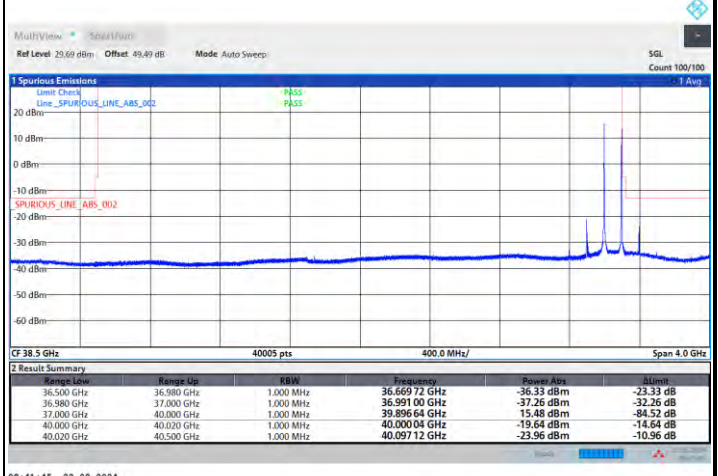
DFT-s-OFDM Module B

NR Band n260 / 200MHz / 64QAM

Lowest Band Edge / 1 RB

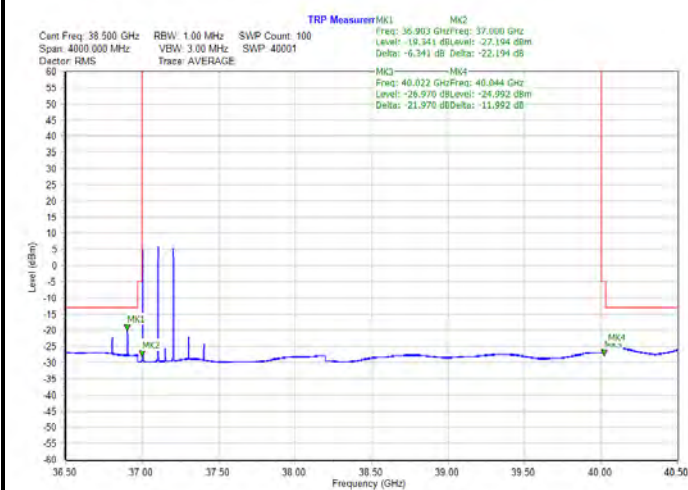


Highest Band Edge / 1 RB

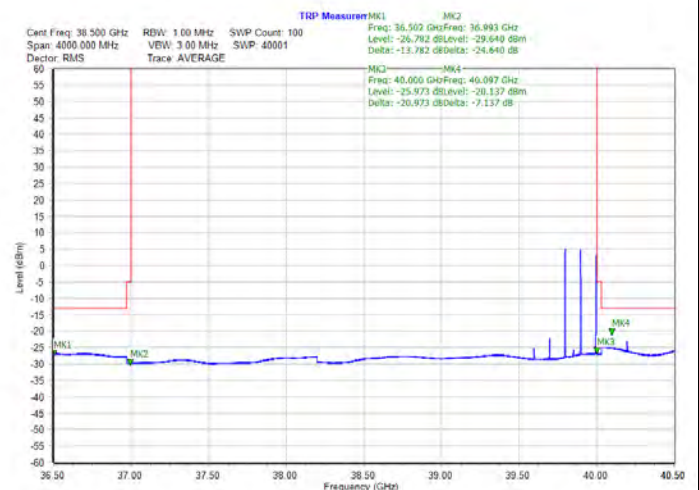


NR Band n260 / 300MHz / QPSK

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB

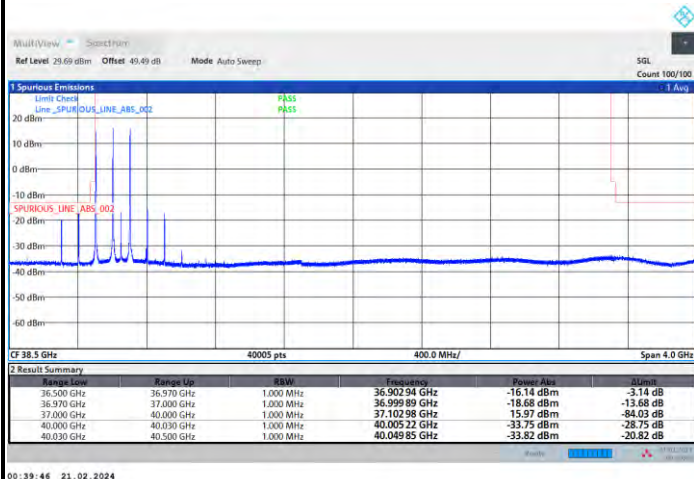




DFT-s-OFDM Module B

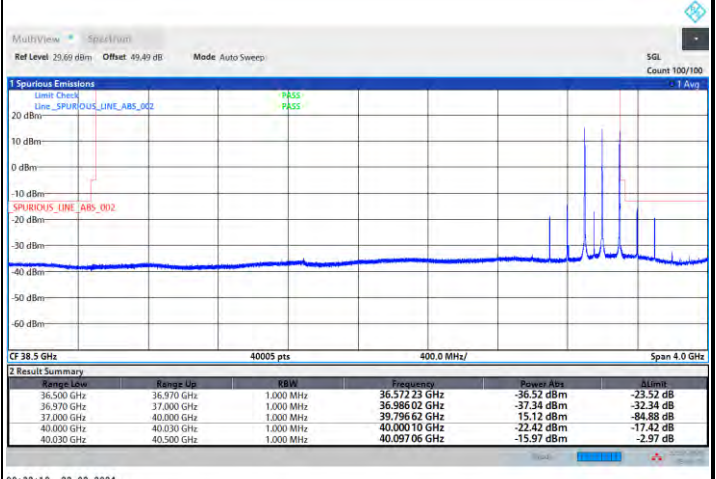
NR Band n260 / 300MHz / 16QAM

Lowest Band Edge / 1 RB



00:39:46 21.02.2024

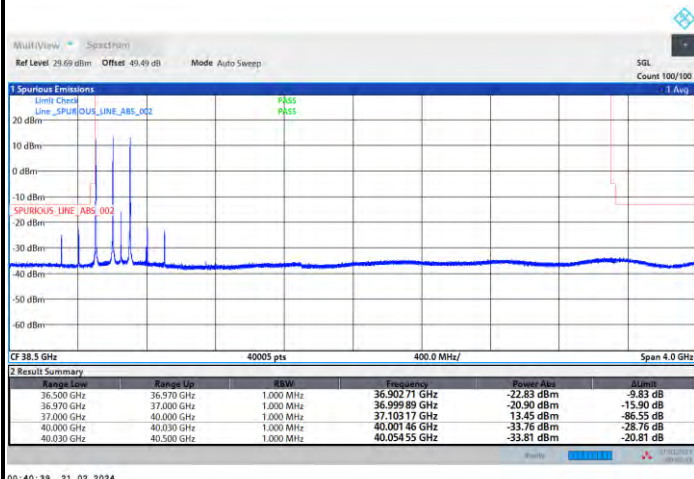
Highest Band Edge / 1 RB



09:32:19 22.02.2024

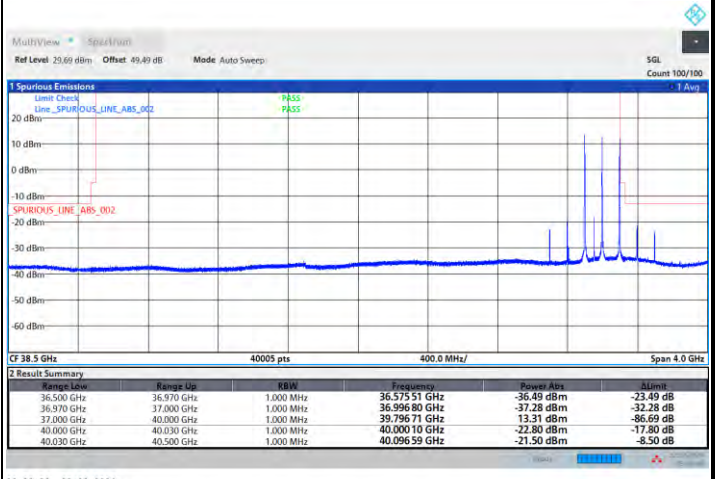
NR Band n260 / 300MHz / 64QAM

Lowest Band Edge / 1 RB



00:40:39 21.02.2024

Highest Band Edge / 1 RB



09:39:39 22.02.2024

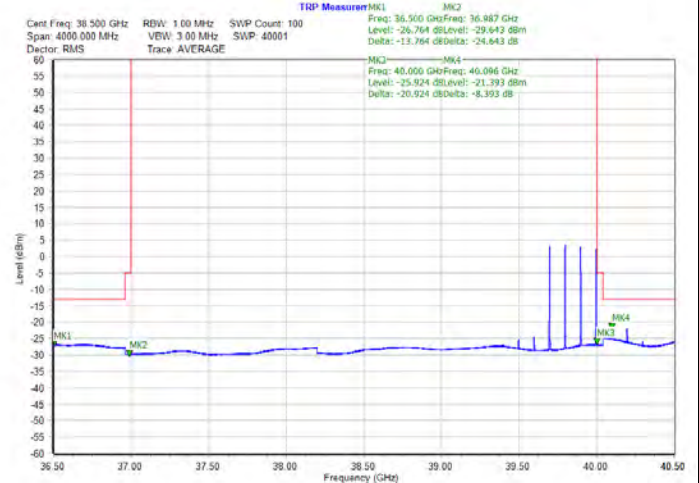
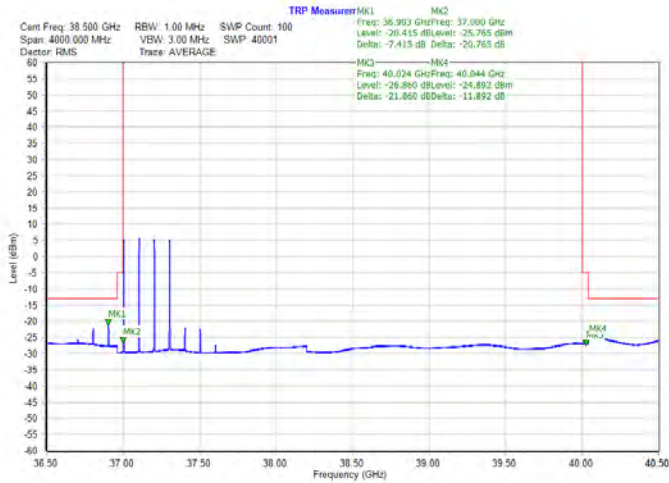


DFT-s-OFDM Module B

NR Band n260 / 400MHz / QPSK

Lowest Band Edge / 1 RB

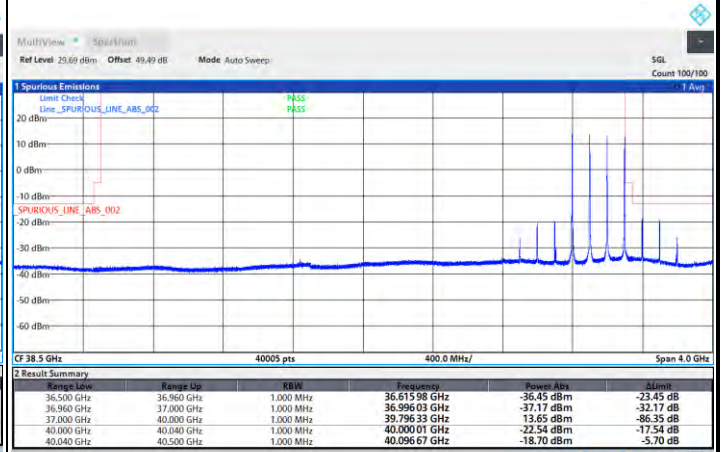
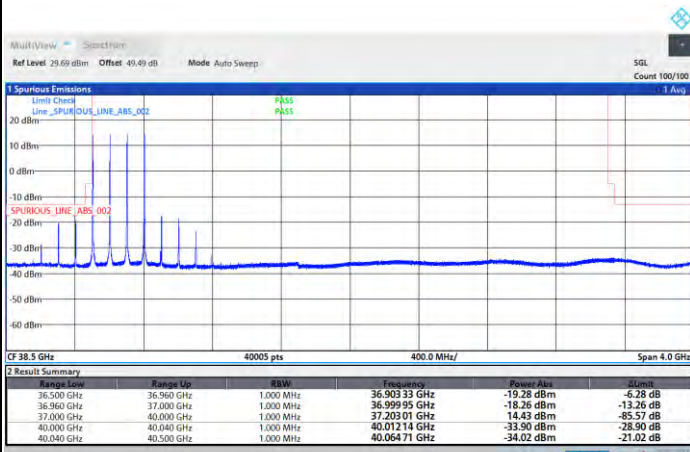
Highest Band Edge / 1 RB



NR Band n260 / 400MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB





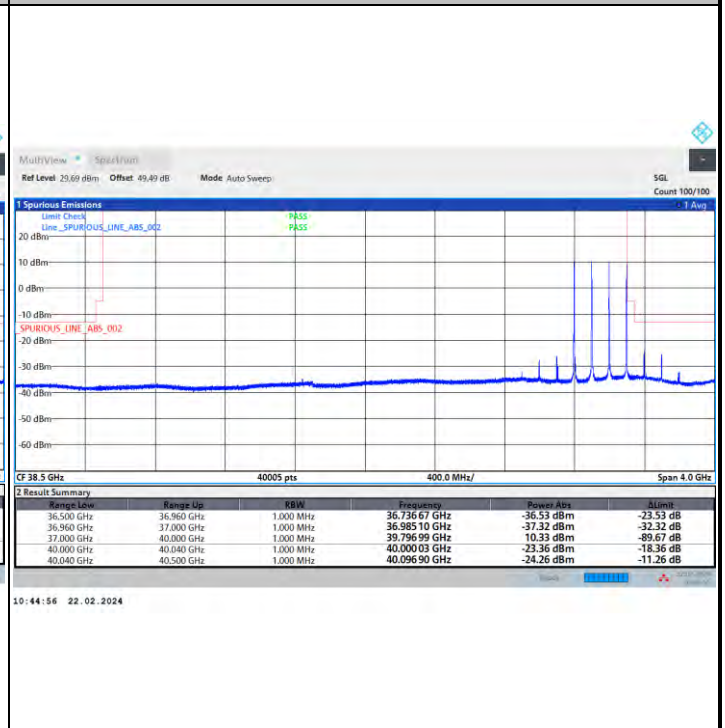
DFT-s-OFDM Module B

NR Band n260 / 400MHz / 64QAM

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB





CP-OFDM Module B

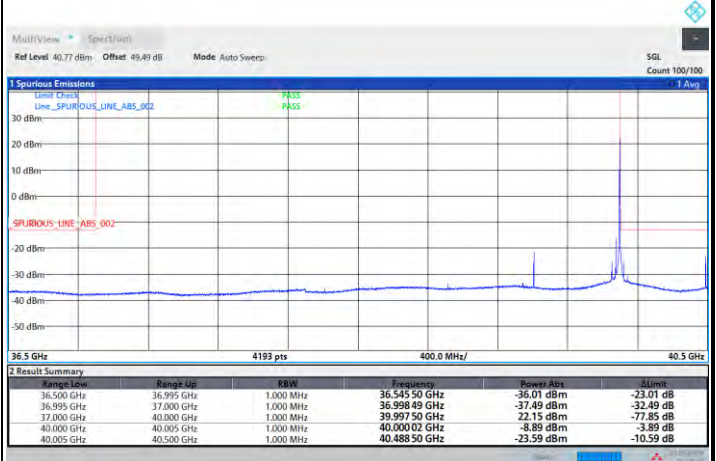
NR Band n260 / 50MHz / QPSK

Lowest Band Edge / 1 RB



21:13:48 20.02.2024

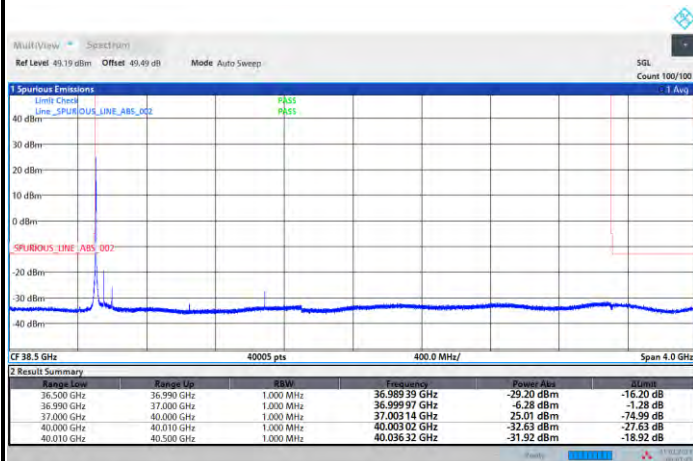
Highest Band Edge / 1 RB



21:28:38 21.02.2024

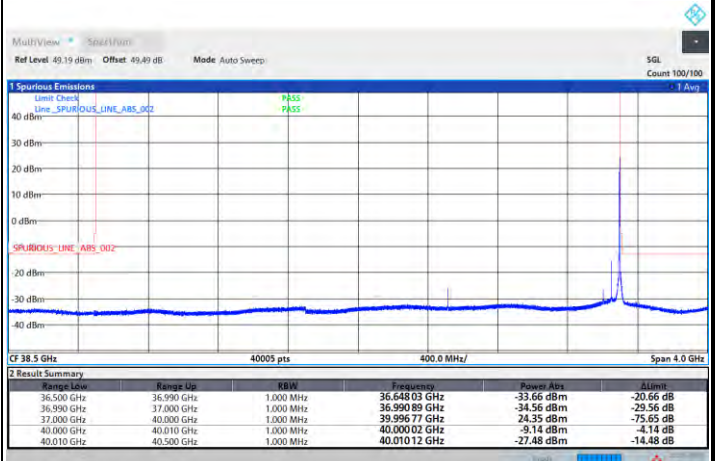
NR Band n260 / 100MHz / QPSK

Lowest Band Edge / 1 RB



00:01:49 21.02.2024

Highest Band Edge / 1 RB



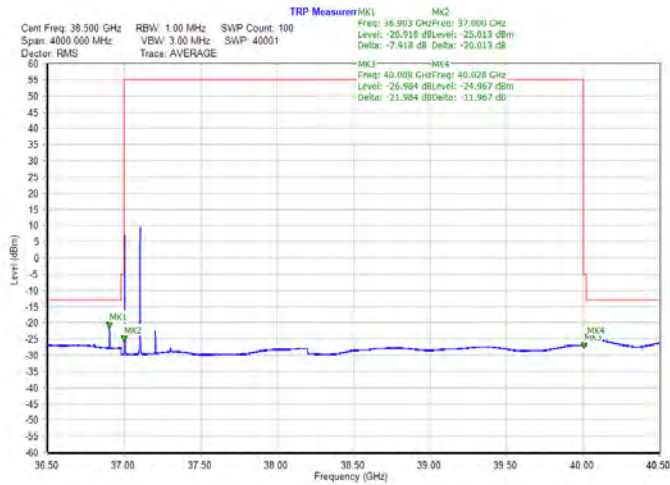
00:25:00 22.02.2024



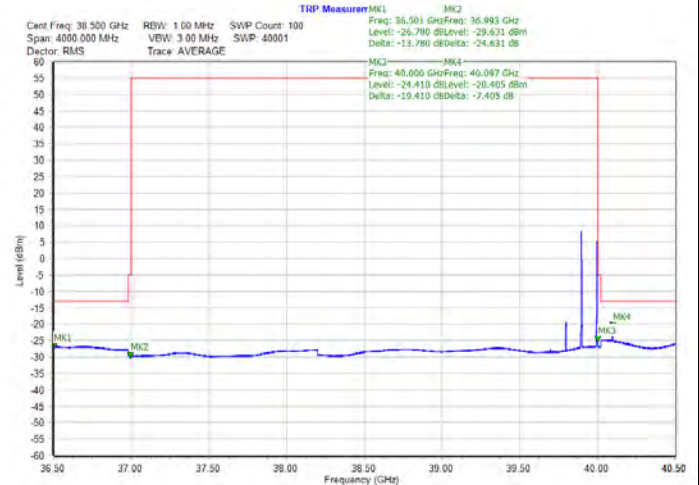
CP-OFDM Module B

NR Band n260 / 200MHz / QPSK

Lowest Band Edge / 1 RB

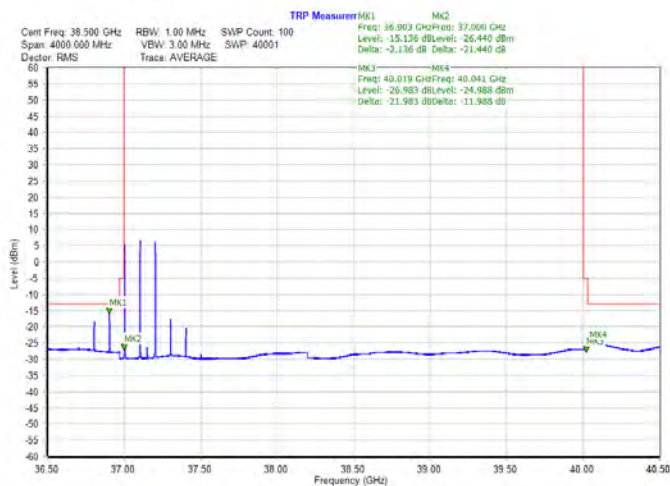


Highest Band Edge / 1 RB

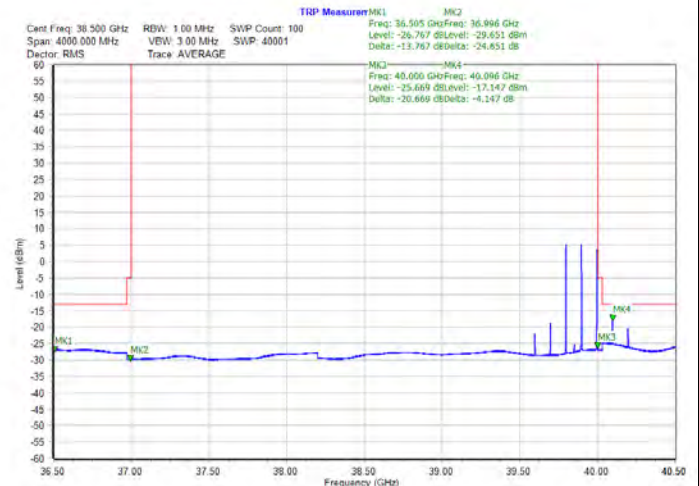


NR Band n260 / 300MHz / QPSK

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



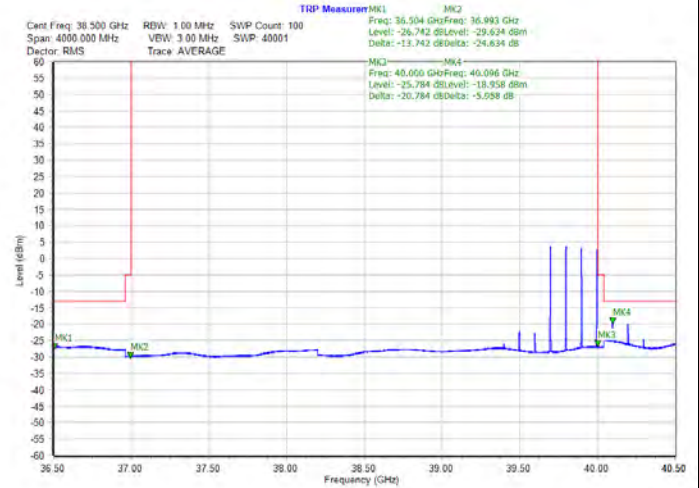
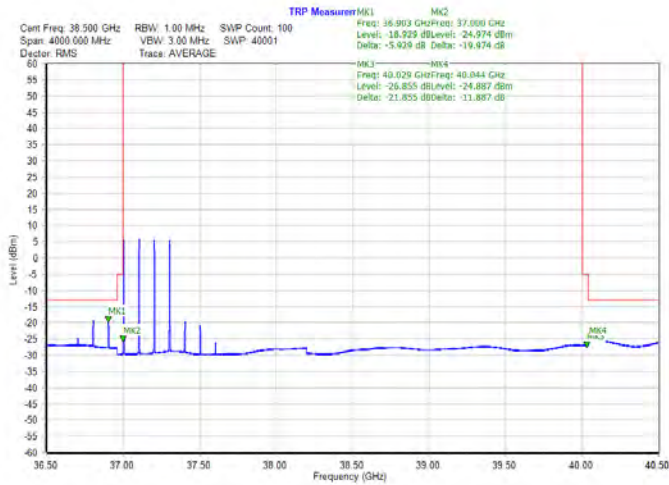


CP-OFDM Module B

NR Band n260 / 400MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB





DFT-s-OFDM Module B

NR Band n260 / 50MHz / QPSK

Lowest Band Edge / Full RB

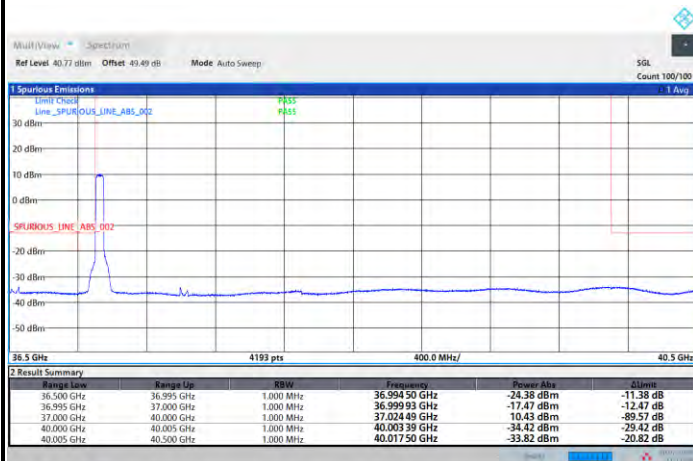


Highest Band Edge / Full RB



NR Band n260 / 50MHz / 16QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

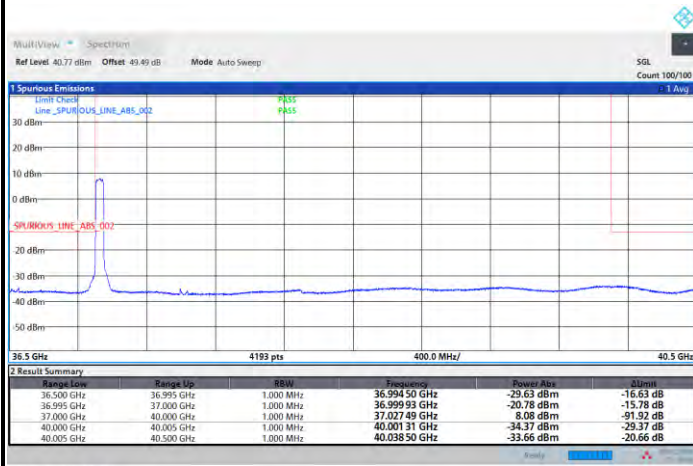




DFT-s-OFDM Module B

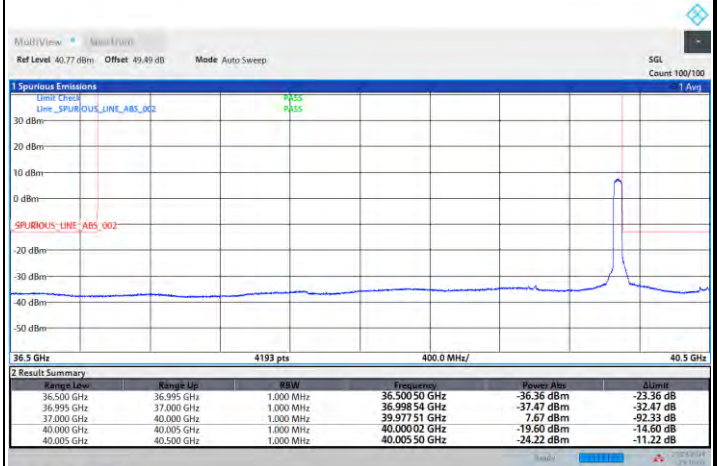
NR Band n260 / 50MHz / 64QAM

Lowest Band Edge / Full RB



21:10:04 20.02.2024

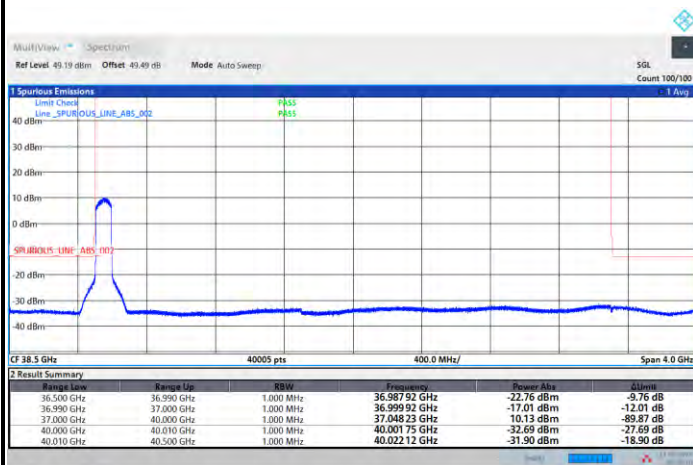
Highest Band Edge / Full RB



21:16:03 21.02.2024

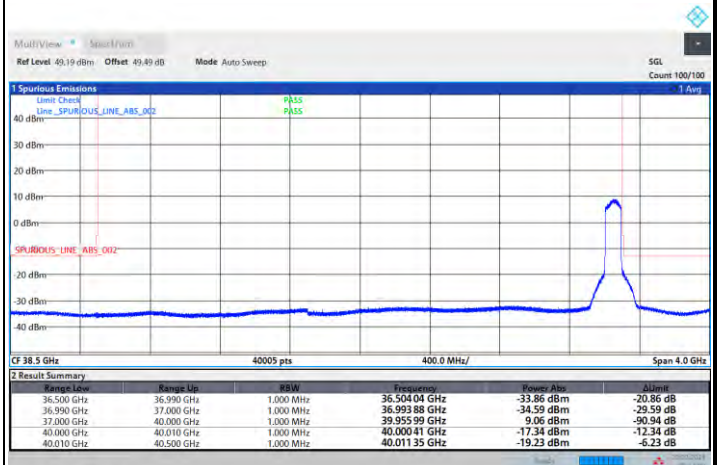
NR Band n260 / 100MHz / QPSK

Lowest Band Edge / Full RB



00:00:10 21.02.2024

Highest Band Edge / Full RB



00:23:07 22.02.2024



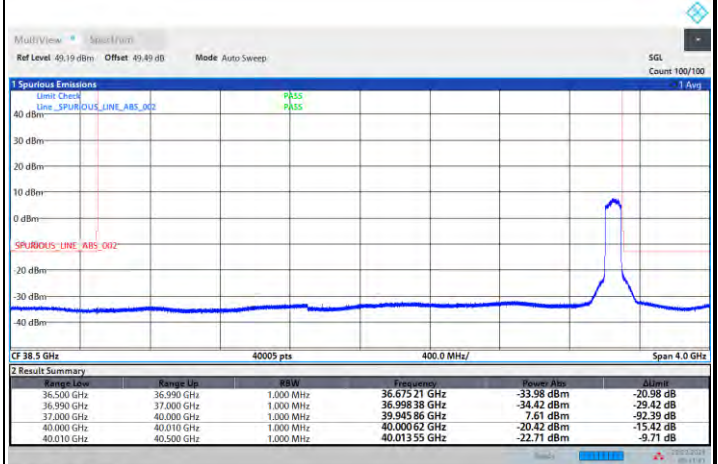
DFT-s-OFDM Module B

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

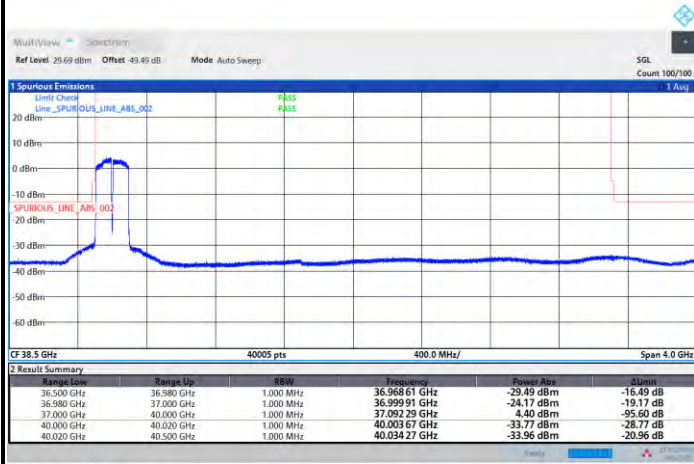




DFT-s-OFDM Module B

NR Band n260 / 200MHz / QPSK

Lowest Band Edge / Full RB



00:21:42 21.02.2024

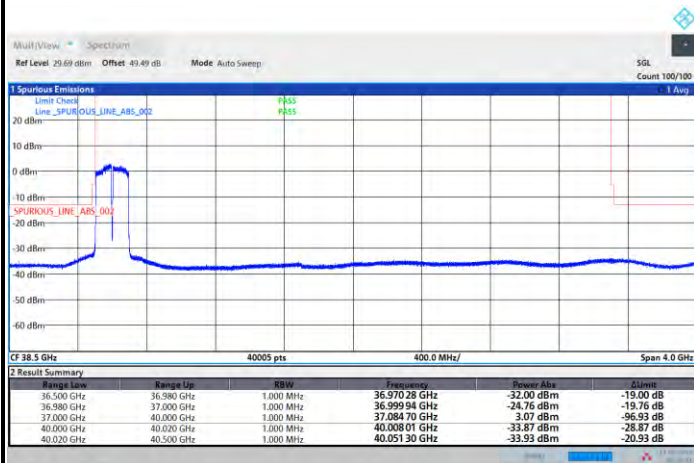
Highest Band Edge / Full RB



07:25:01 22.02.2024

NR Band n260 / 200MHz / 16QAM

Lowest Band Edge / Full RB



00:20:41 21.02.2024

Highest Band Edge / Full RB



07:45:05 22.02.2024



DFT-s-OFDM Module B

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 B

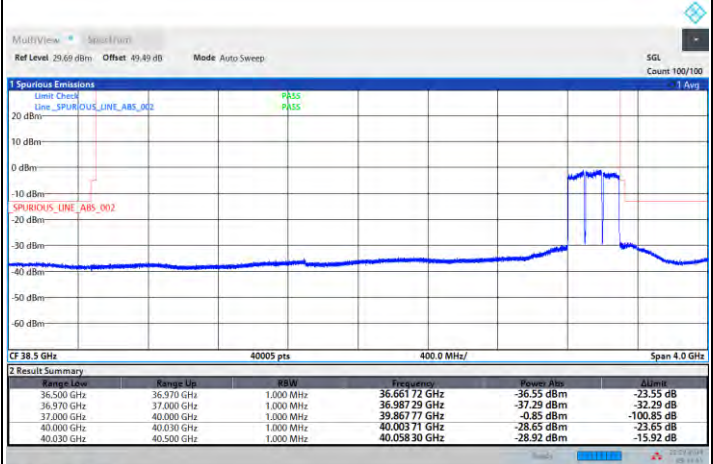
NR Band n260 / 300MHz / 16QAM

Lowest Band Edge / Full RB



00:42:43 21.02.2024

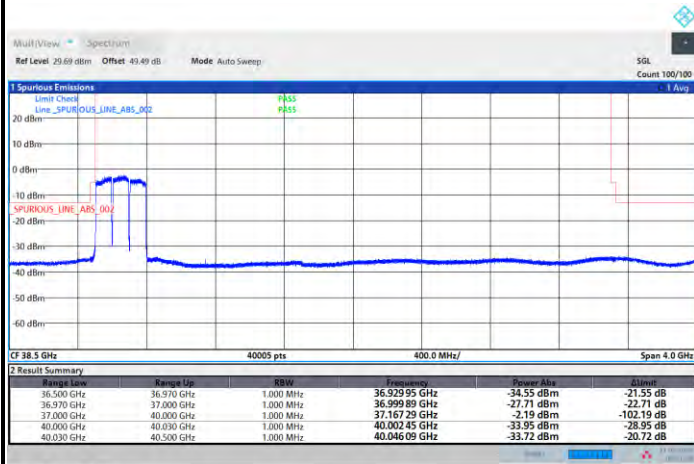
Highest Band Edge / Full RB



09:34:55 22.02.2024

NR Band n260 / 300MHz / 64QAM

Lowest Band Edge / Full RB



00:41:30 21.02.2024

Highest Band Edge / Full RB



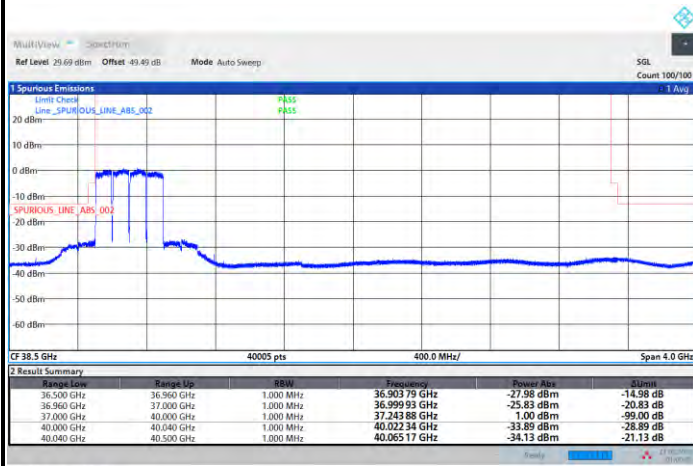
09:42:10 22.02.2024



DFT-s-OFDM Module B

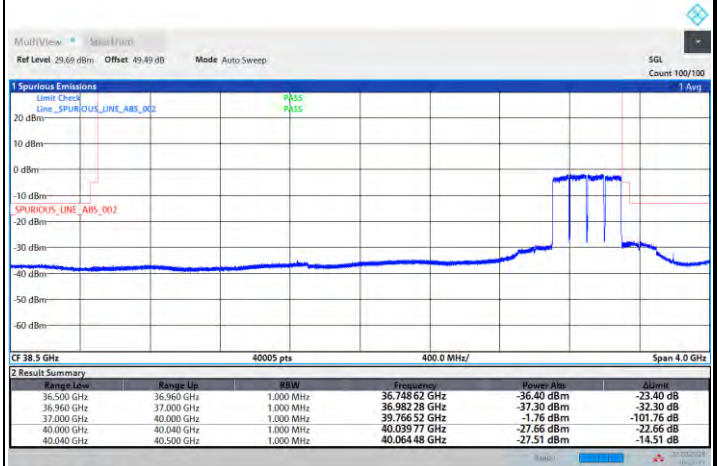
NR Band n260 / 400MHz / QPSK

Lowest Band Edge / Full RB



01:00:42 21.02.2024

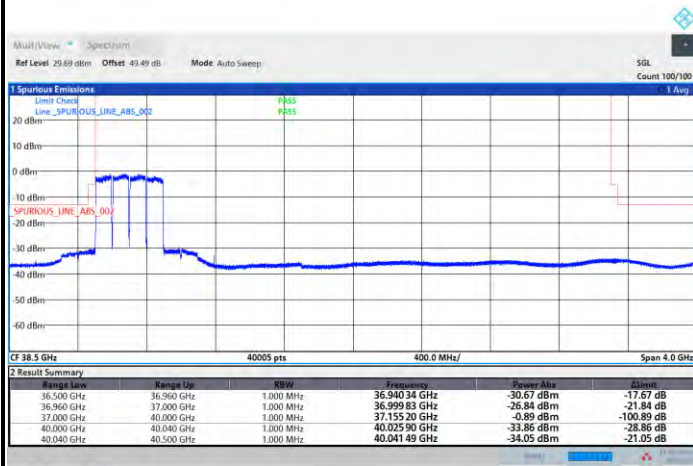
Highest Band Edge / Full RB



10:27:12 22.02.2024

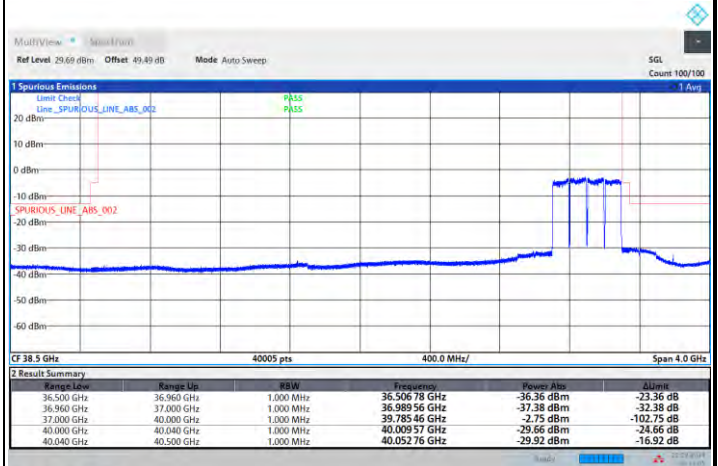
NR Band n260 / 400MHz / 16QAM

Lowest Band Edge / Full RB



00:59:38 21.02.2024

Highest Band Edge / Full RB



10:37:06 22.02.2024

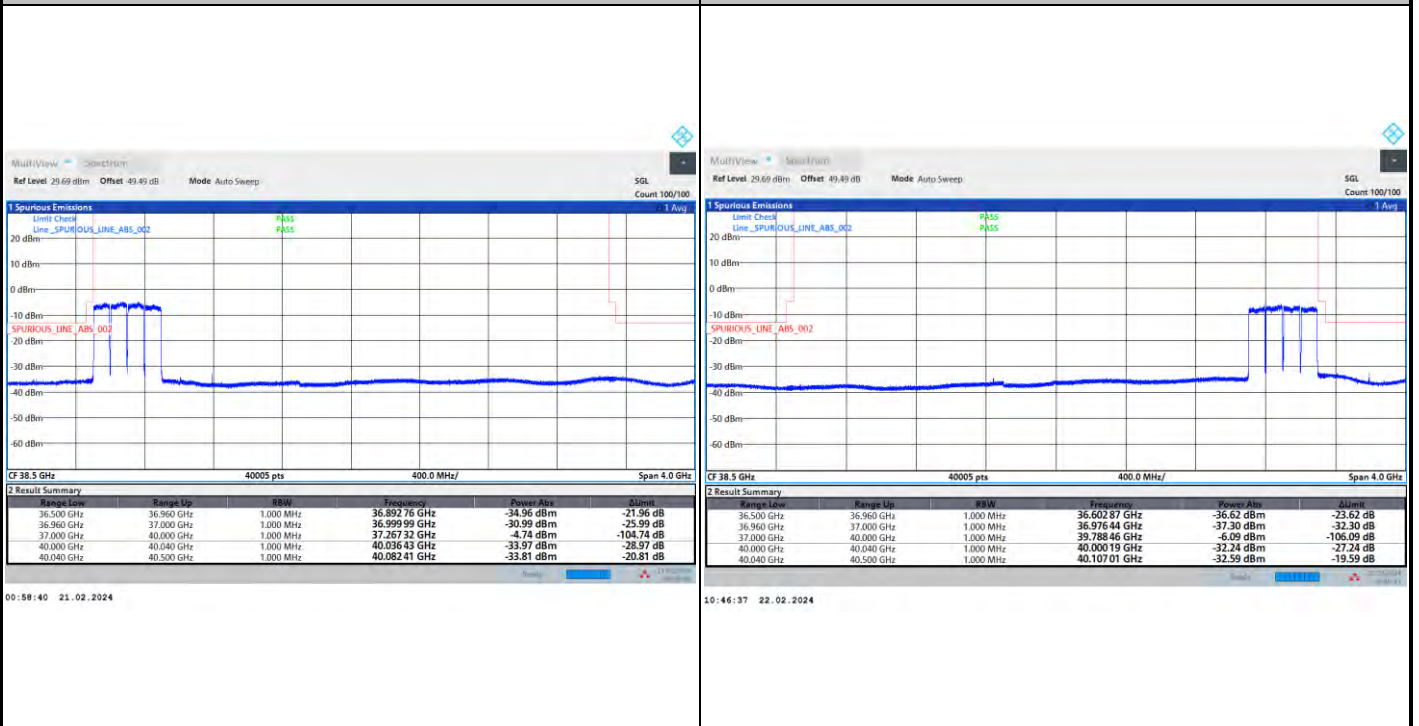


DFT-s-OFDM Module B

NR Band n260 / 400MHz / 64QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB





CP-OFDM Module B

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 B

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

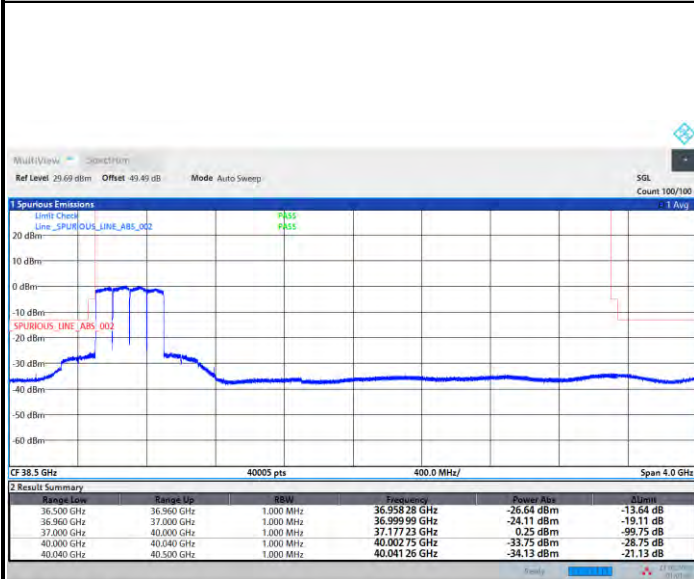




CP-OFDM Module B

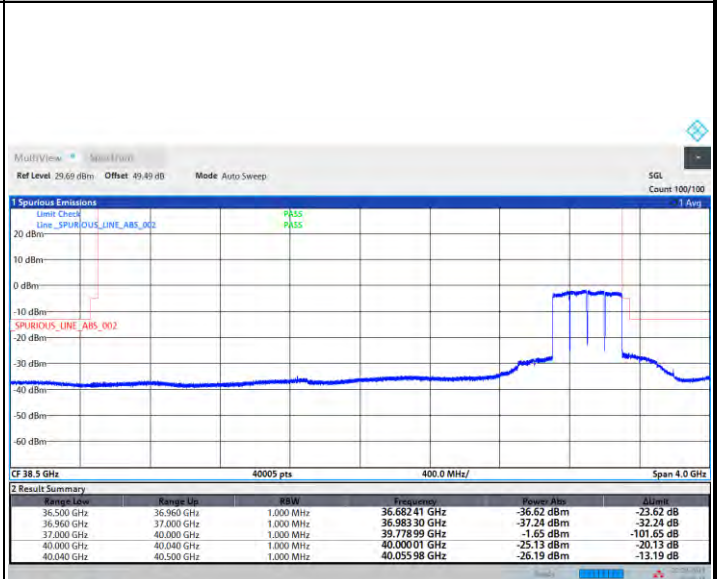
NR Band n260 / 400MHz / QPSK

Lowest Band Edge / Full RB



01:01:43 21.02.2024

Highest Band Edge / Full RB



10:54:18 22.02.2024



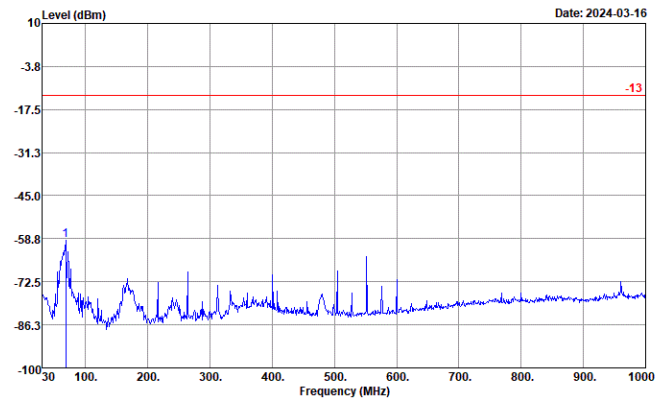
Spurious Emission

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)

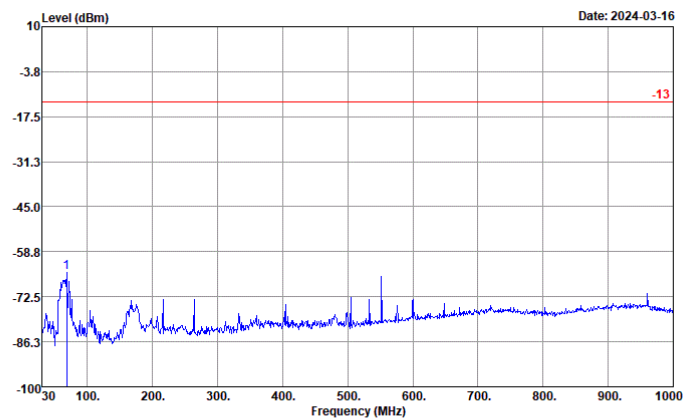
Horizontal



Site : 03CH10-HY
Condition : -13 EIRP_WO HORIZONTAL
Project : 3N2326
: n260 MB

Freq	Level	Over	Limit
		Limit	Line
MHz	dBm	dB	dBm
1	67.83 -59.14	-46.14	-13.00

Vertical



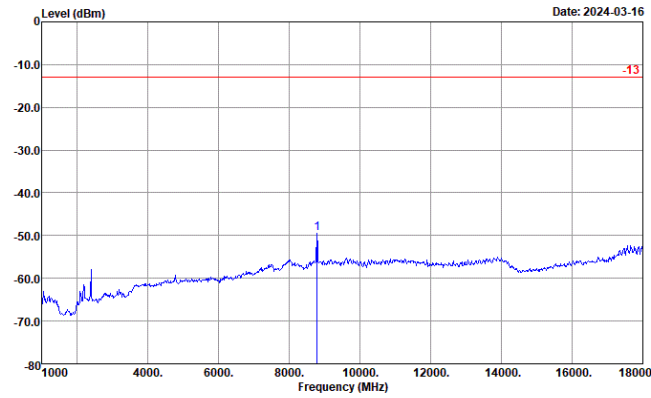
Site : 03CH10-HY
Condition : -13 EIRP_WO VERTICAL
Project : 3N2326
: n260 MB

Freq	Level	Over	Limit
		Limit	Line
MHz	dBm	dB	dBm
1	67.83 -64.97	-51.97	-13.00



NR Band n260 (1GHz-18GHz)

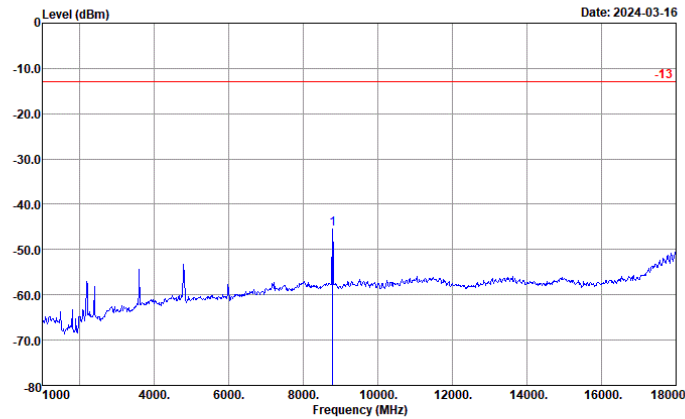
Horizontal



Site : 03CH10-HY
Condition : -13 EIRP_WO HORIZONTAL
Project : 3N2325
 : n260 MB

Freq	Level	Over	Limit
MHz	dBm	Limit	Line
1	8786.00	-49.38	-36.38 -13.00

Vertical

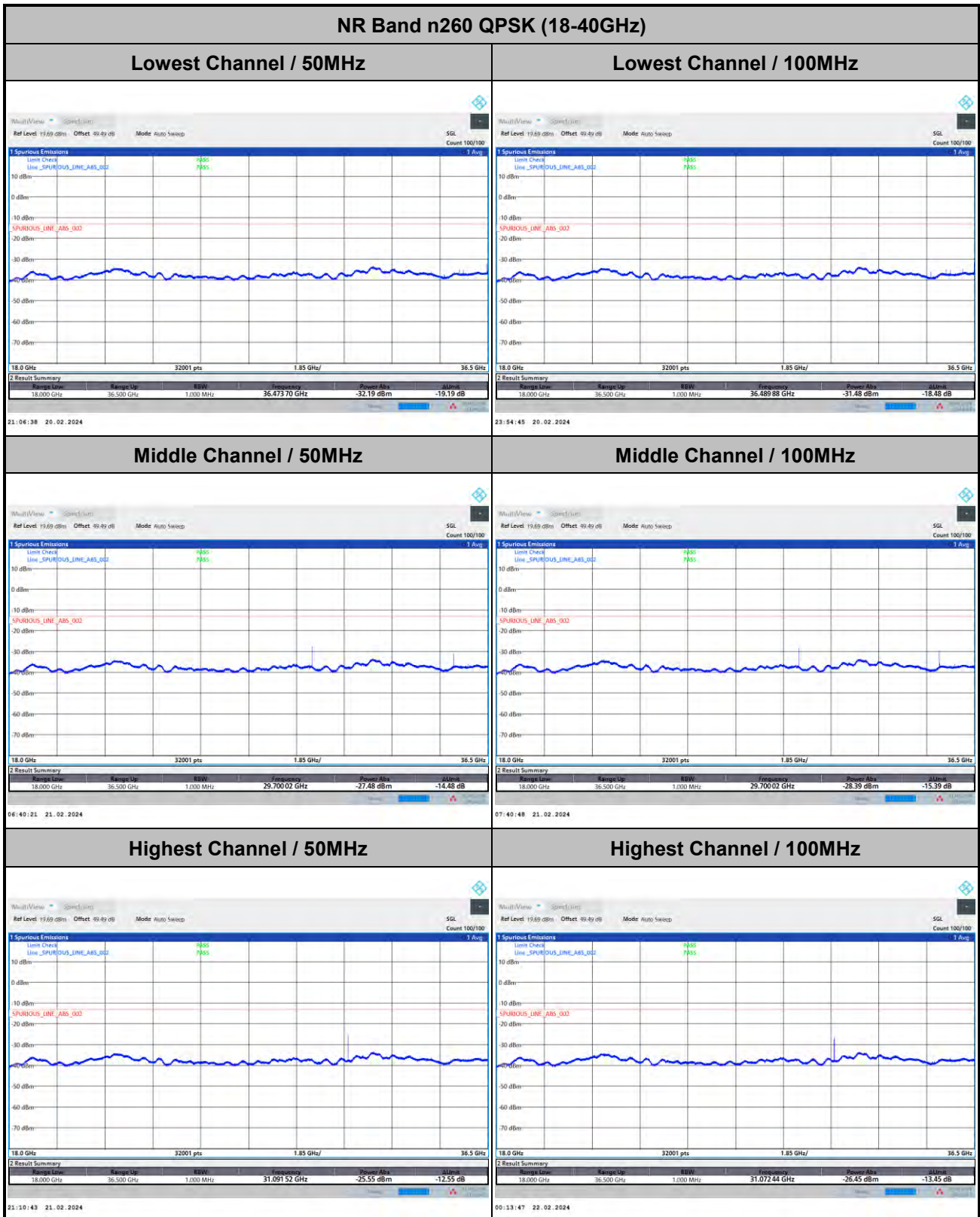


Site : 03CH10-HY
Condition : -13 EIRP_WO VERTICAL
Project : 3N2325
 : n260 MB

Freq	Level	Over	Limit
MHz	dBm	Limit	Line
1	8786.00	-45.55	-32.55 -13.00



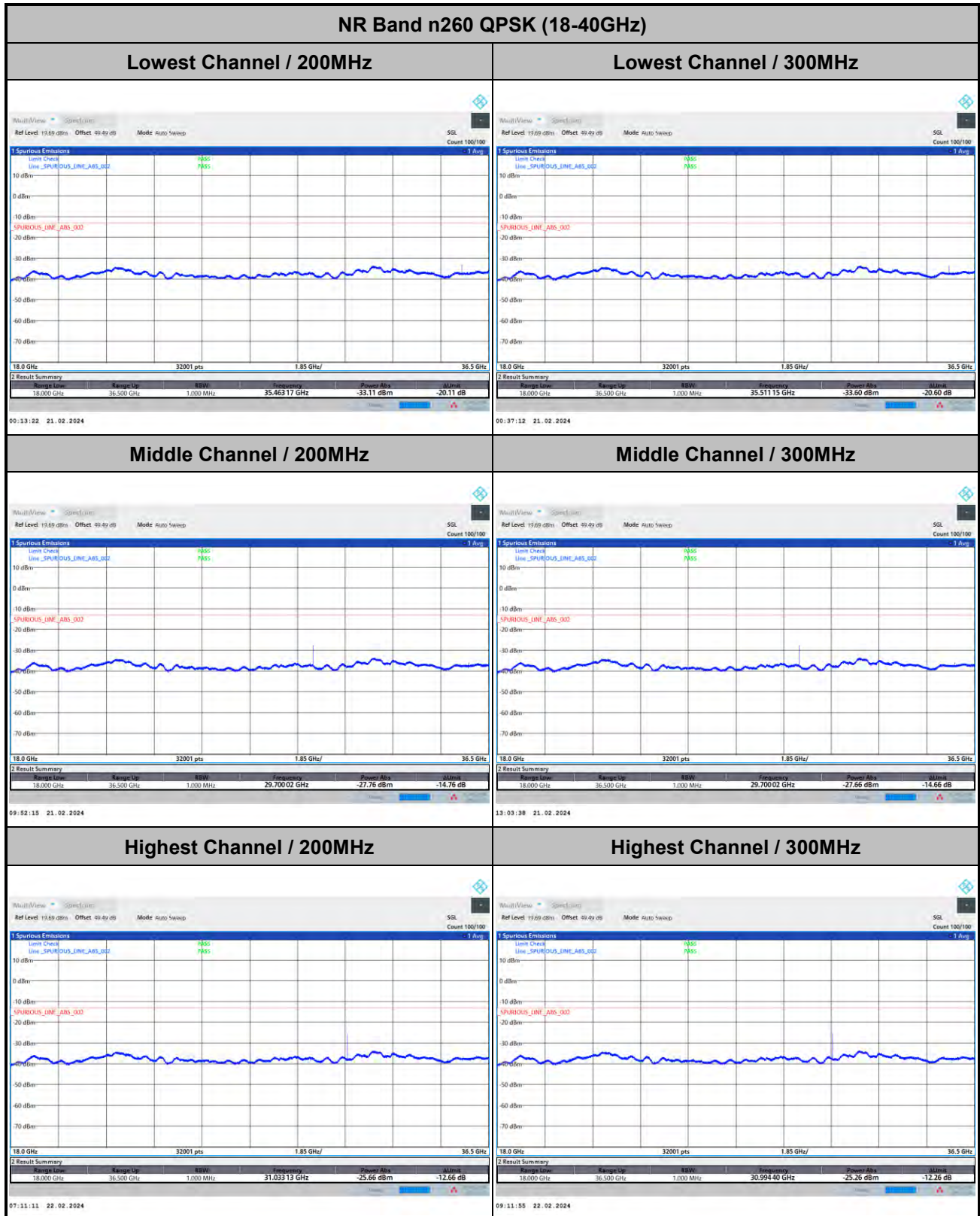
Spurious emission between 18GHz to 40GHz worst case plot is reported as following.

DFT-s-OFDM Module B

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



DFT-s-OFDM Module B



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



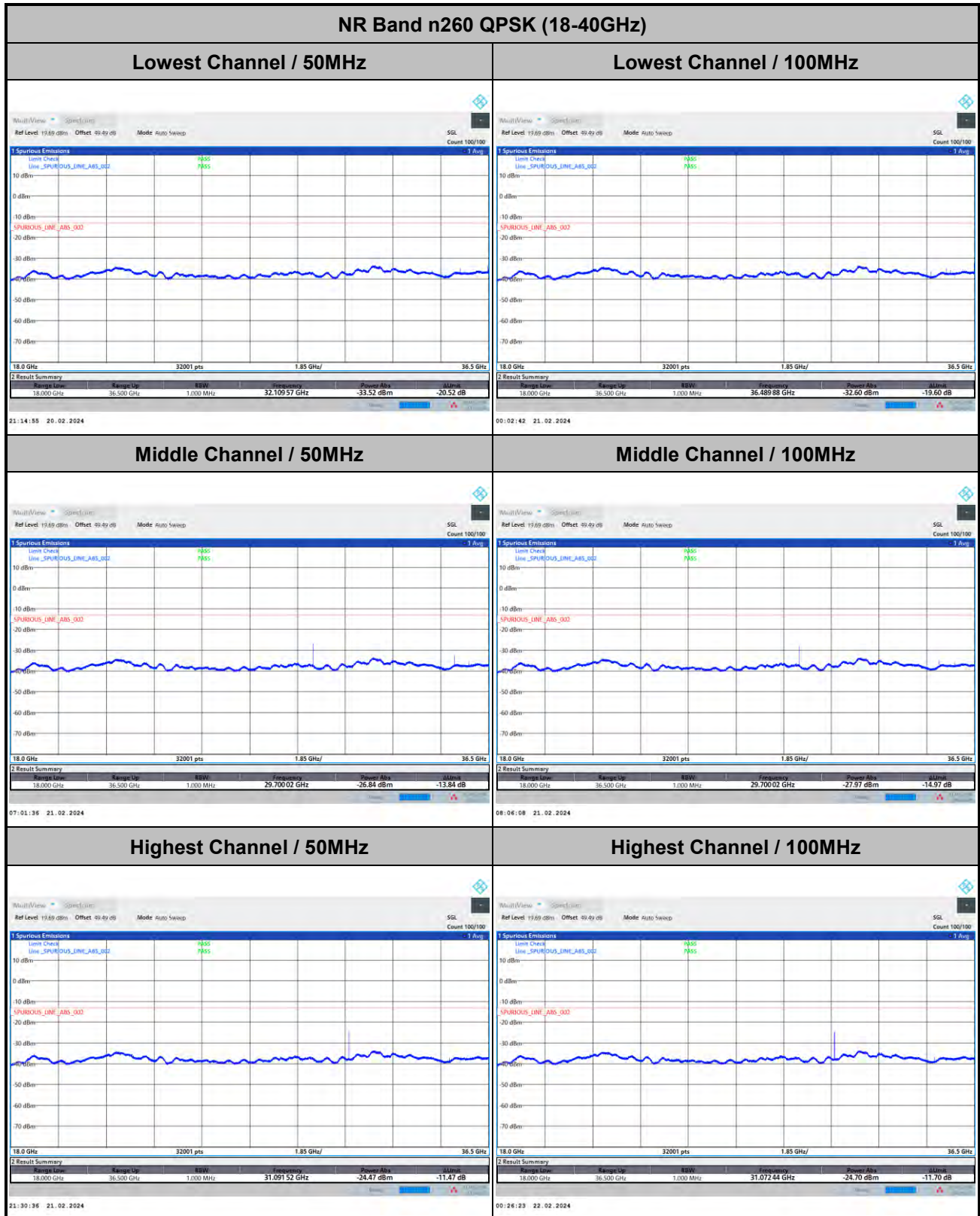
DFT-s-OFDM Module B

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.



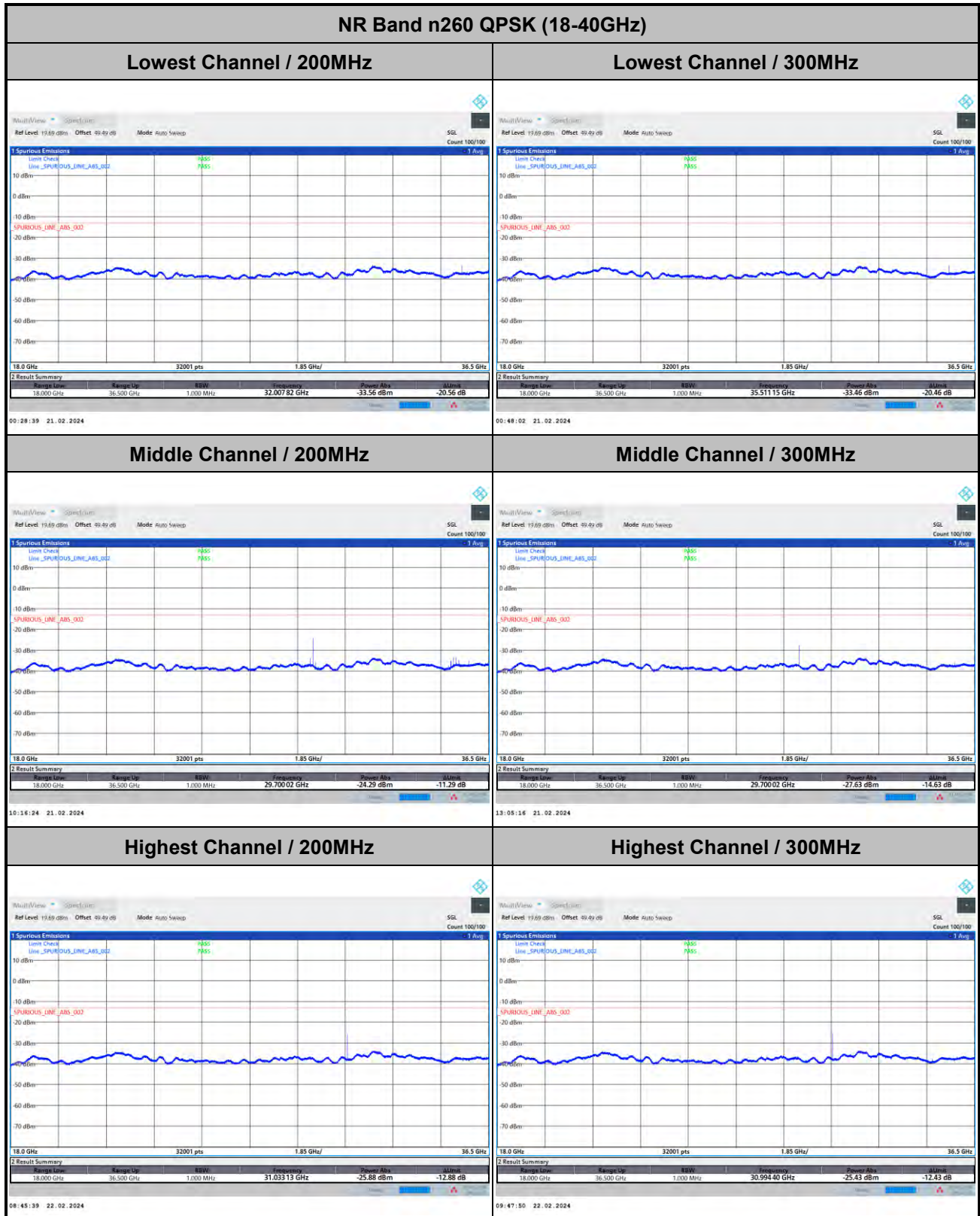
CP-OFDM Module B



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



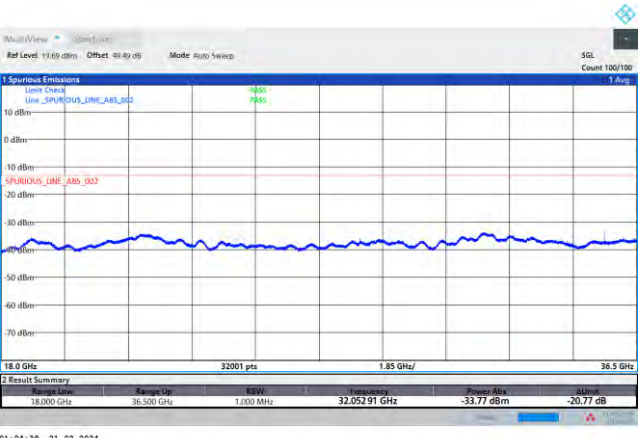
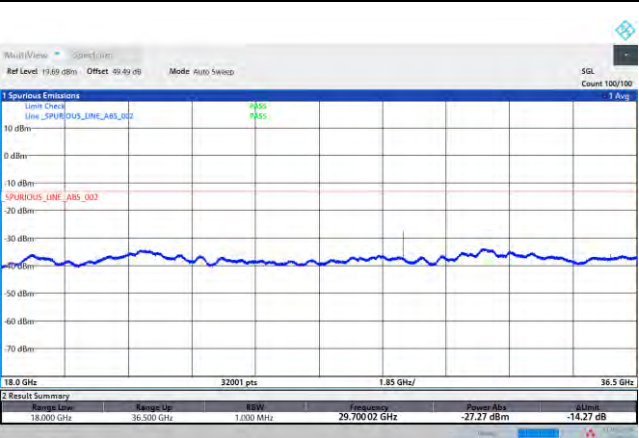
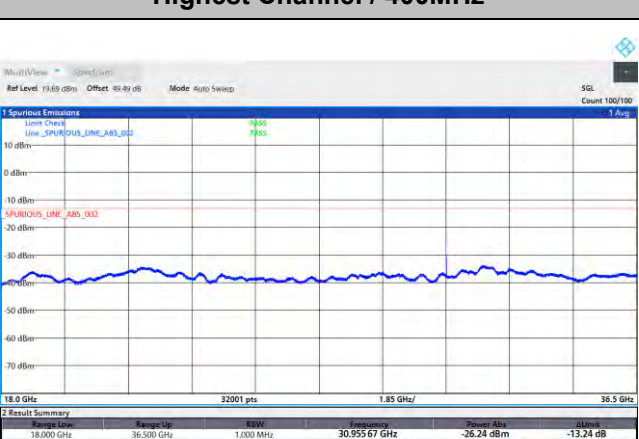
CP-OFDM Module B



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

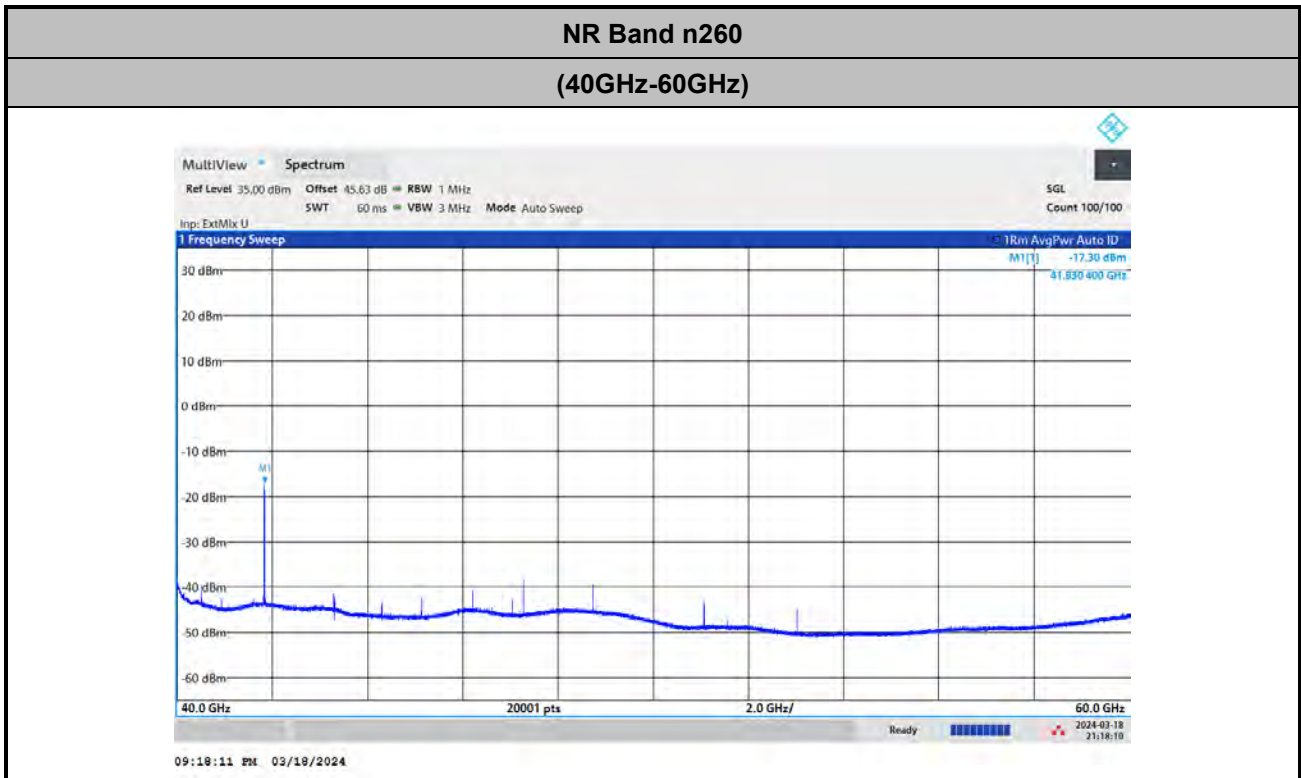


CP-OFDM Module B

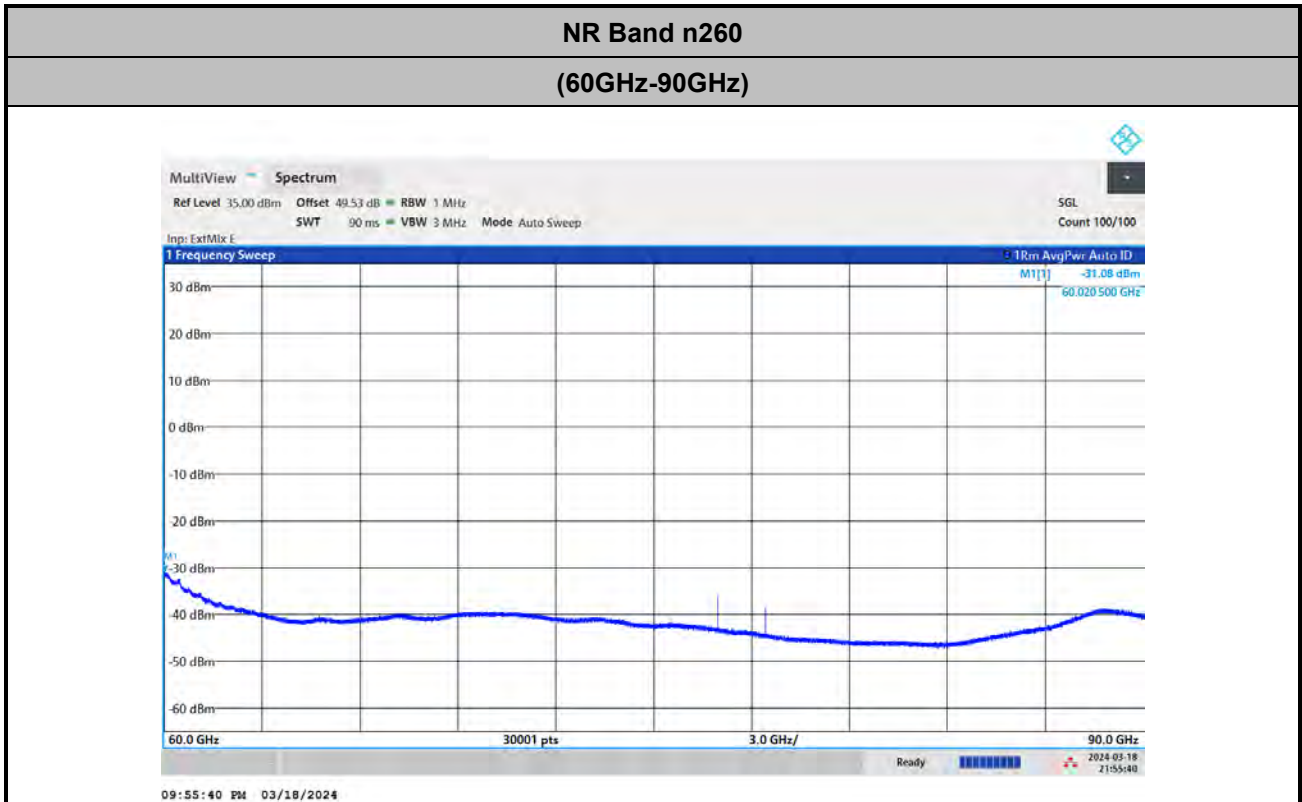
NR Band n260 QPSK (18-40GHz)	
Lowest Channel / 400MHz	
 intentionally blank	
Middle Channel / 400MHz	
 intentionally blank	
Highest Channel / 400MHz	
 intentionally blank	

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.



$$\begin{aligned} \text{Offset} &= \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 \\ &= 43 + 0.43 + 107 + 20\log(1) - 104.8 = 45.63(\text{dB}) \end{aligned}$$

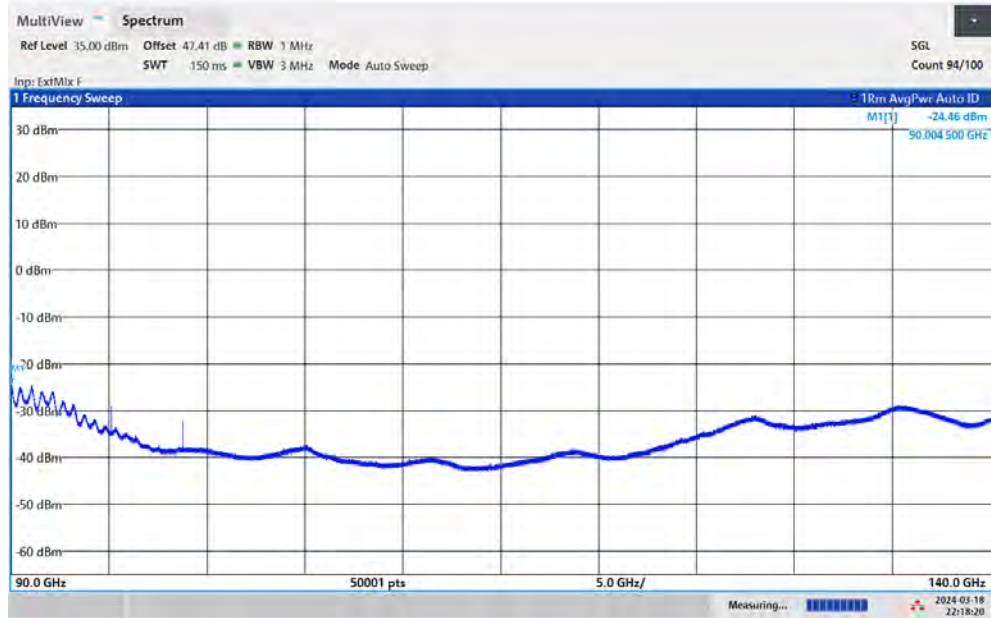


$$\text{Offset} = \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8$$

$$= 46.9 + 0.43 + 107 + 20\log(1) - 104.8 = 49.53 \text{ (dB)}$$

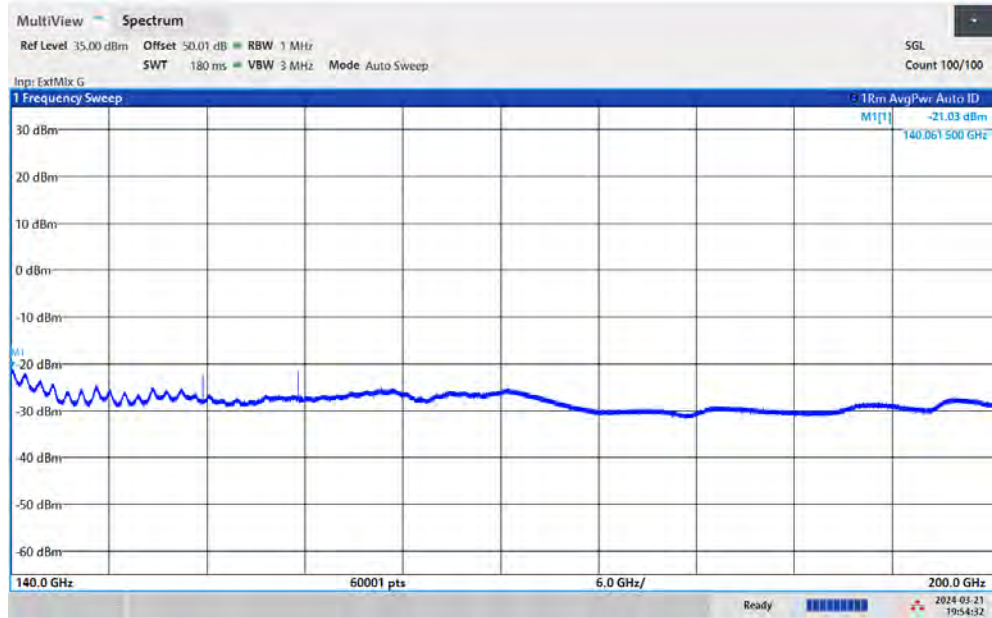
NR Band n260

(90GHz-140GHz)



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

$$= 50.80 + 0.43 + 107 + 20\log(0.5) - 104.8 = 47.41 \text{ (dB)}$$

NR Band n260
(140GHz-200GHz)


$$\begin{aligned} \text{Offset} &= \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 \\ &= 53.4 + 0.43 + 107 + 20\log(0.5) - 104.8 = 50.01(\text{dB}) \end{aligned}$$

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	38.4998701	245.800	6.384	Pass
40	Normal Voltage	38.4999261	189.800	4.930	
30	Normal Voltage	38.50001	105.900	2.751	
20(Ref.)	Normal Voltage	38.5001159	0.000	0.000	
10	Normal Voltage	38.500039	76.900	1.997	
0	Normal Voltage	38.5001439	-28.000	0.727	
-10	Normal Voltage	38.5002008	-84.900	2.205	
-20	Normal Voltage	38.5002208	-104.900	2.725	
-30	Normal Voltage	38.5002406	-124.700	3.239	
20	Maximum Voltage	38.5000919	24.000	0.623	
20	Normal Voltage	38.5001079	8.000	0.208	
20	Battery End Point	38.5001009	15.000	0.390	

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 n261 Module A AGH+V

Occupied Bandwidth

Mode	DFT-s-OFDM Module A NR Band n261 : 99%OBW(MHz)								
BW	50MHz			100MHz			200MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	45.90	45.86	45.70	90.99	90.58	90.89	190.08	189.84	190.10
Middle CH	46.01	45.97	45.95	91.21	91.02	91.04	189.68	190.02	189.45
Highest CH	46.19	46.09	45.90	91.18	91.07	91.05	190.24	189.71	189.86

Mode	DFT-s-OFDM Module A NR Band n261 : 99%OBW(MHz)					
BW	300MHz			400MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	290.12	289.58	289.20	390.19	389.10	389.49
Middle CH	290.52	289.49	289.41	390.61	389.88	389.50
Highest CH	289.90	289.60	289.27	390.69	389.77	389.24

Mode	CP-OFDM Module A NR Band n261 : 99%OBW(MHz)		
BW	50MHz	100MHz	200MHz
Mod.	QPSK	QPSK	QPSK
Lowest CH	45.89	93.71	192.58
Middle CH	46.02	94.16	192.16
Highest CH	46.18	94.24	193.32

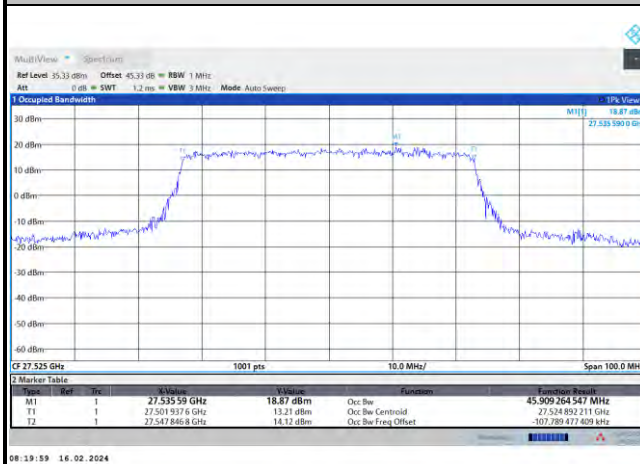
Mode	CP-OFDM Module A NR Band n261 : 99%OBW(MHz)	
BW	300MHz	400MHz
Mod.	QPSK	QPSK
Lowest CH	293.26	392.45
Middle CH	294.60	395.54
Highest CH	295.31	396.08



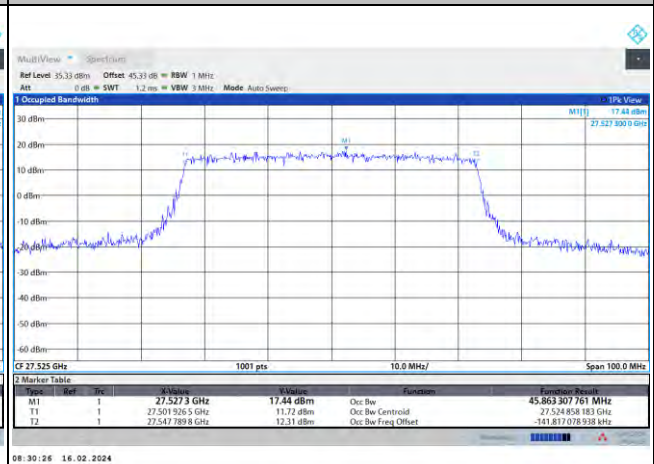
DFT-s-OFDM Module A

NR Band n261

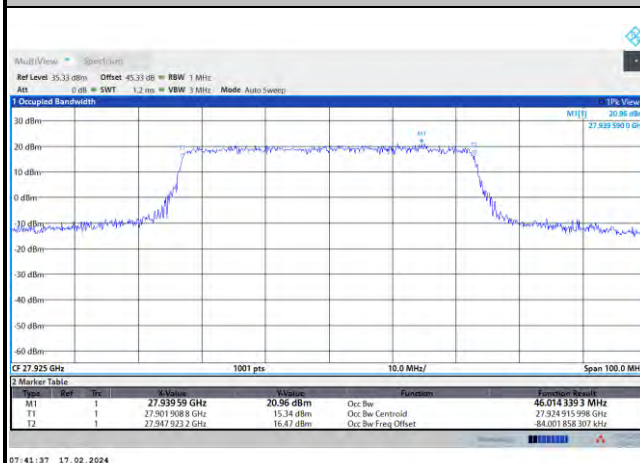
Lowest Channel / 50MHz / QPSK



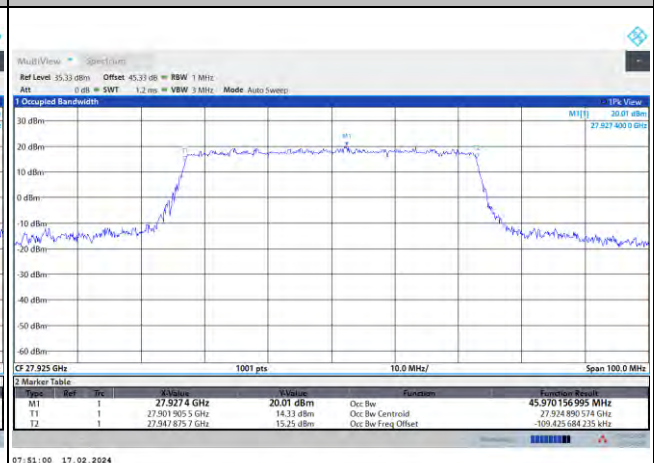
Lowest Channel / 50MHz / 16QAM



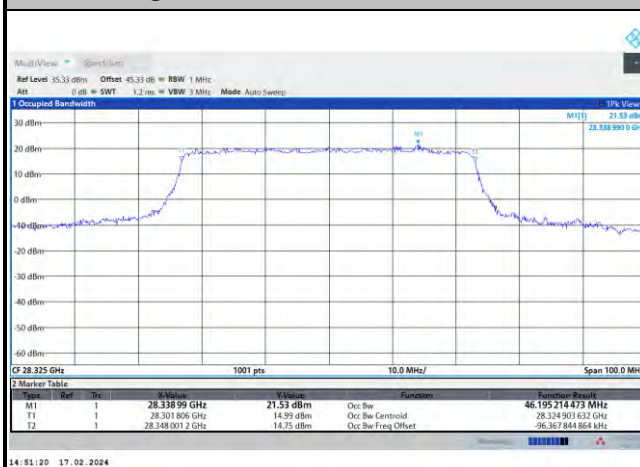
Middle Channel / 50MHz / QPSK



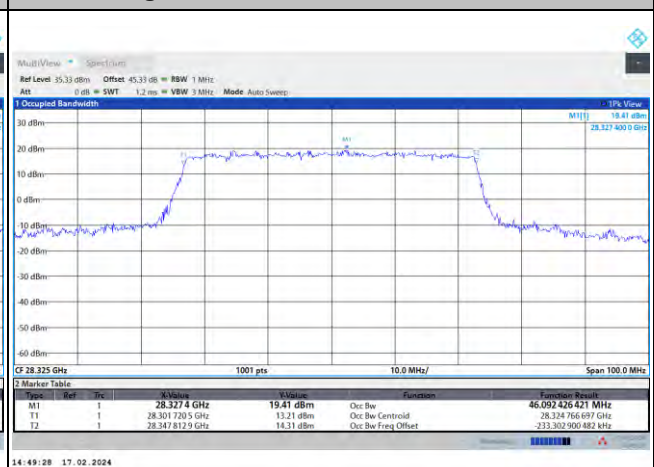
Middle Channel / 50MHz / 16QAM



Highest Channel / 50MHz / QPSK



Highest Channel / 50MHz / 16QAM

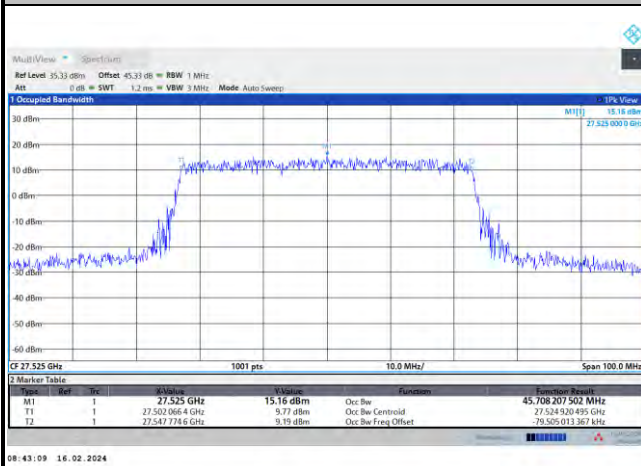




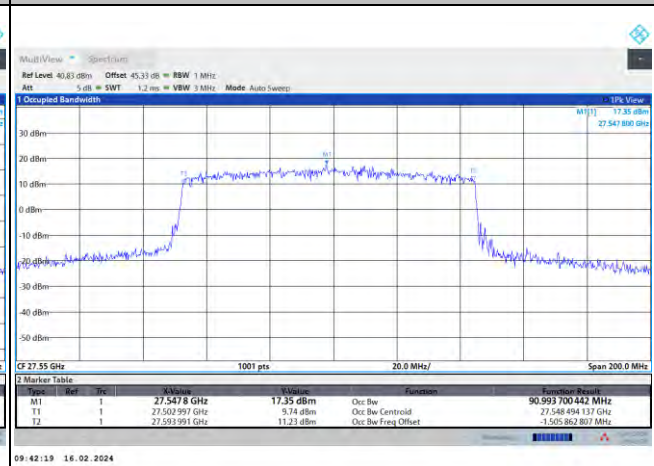
DFT-s-OFDM Module A

NR Band n261

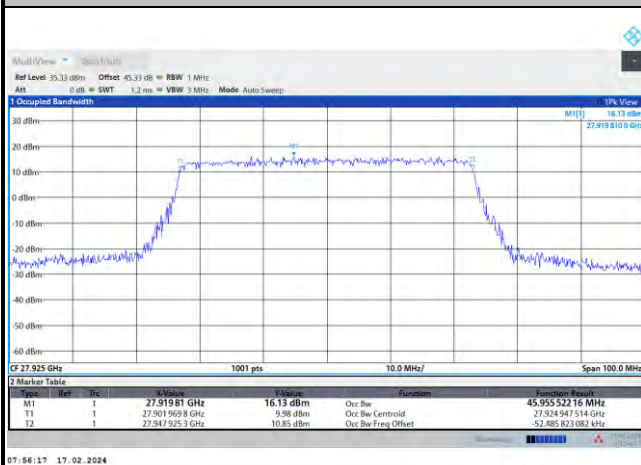
Lowest Channel / 50MHz / 64QAM



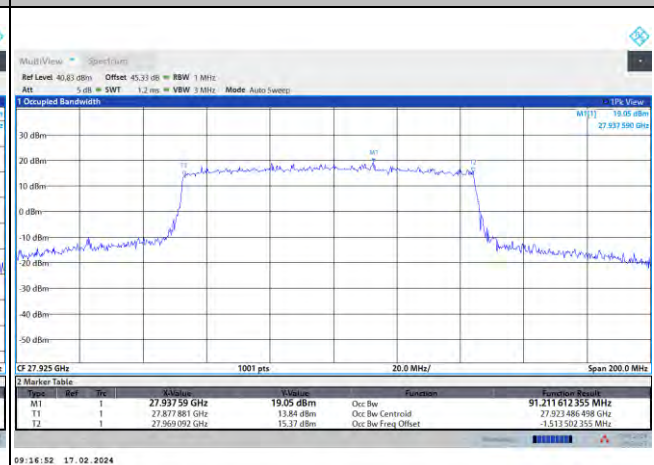
Lowest Channel / 100MHz / QPSK



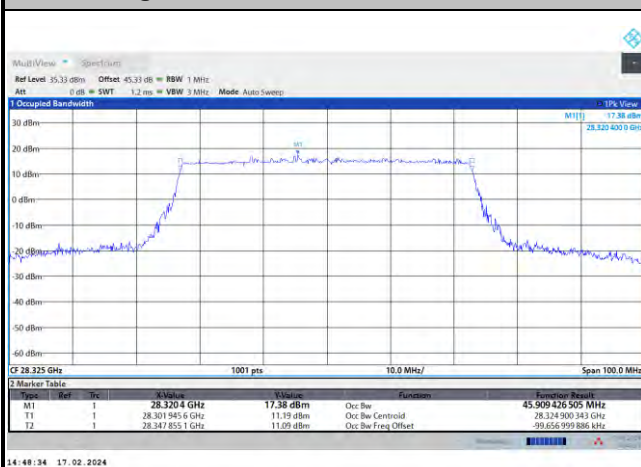
Middle Channel / 50MHz / 64QAM



Middle Channel / 100MHz / QPSK



Highest Channel / 50MHz / 64QAM



Highest Channel / 100MHz / QPSK

