

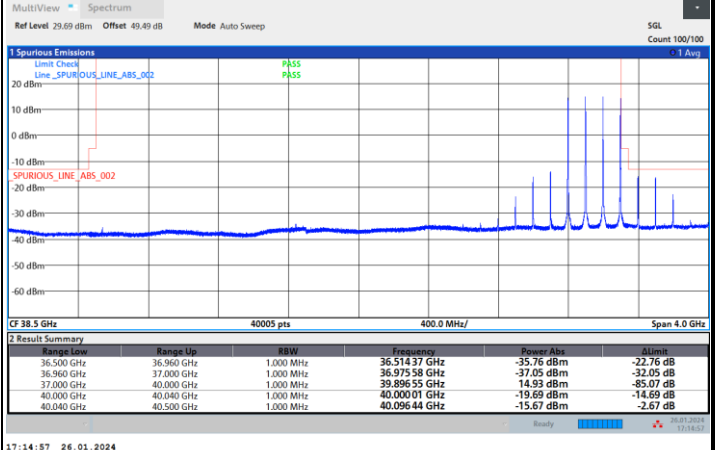
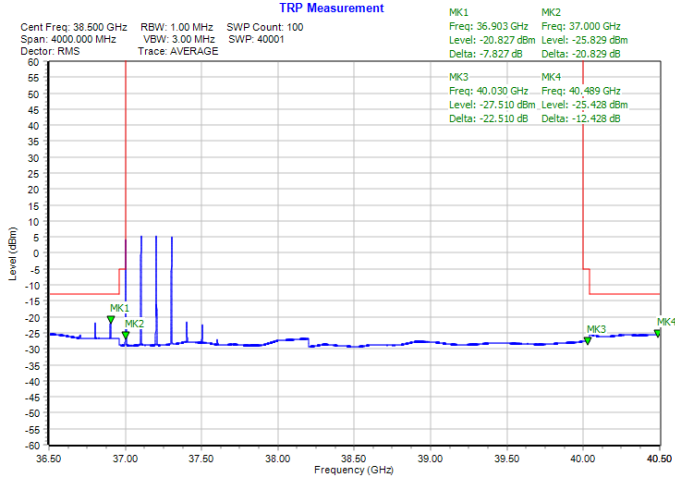


DFT-s-OFDM Module B

NR Band n260 / 400MHz / QPSK

Lowest Band Edge / 1 RB

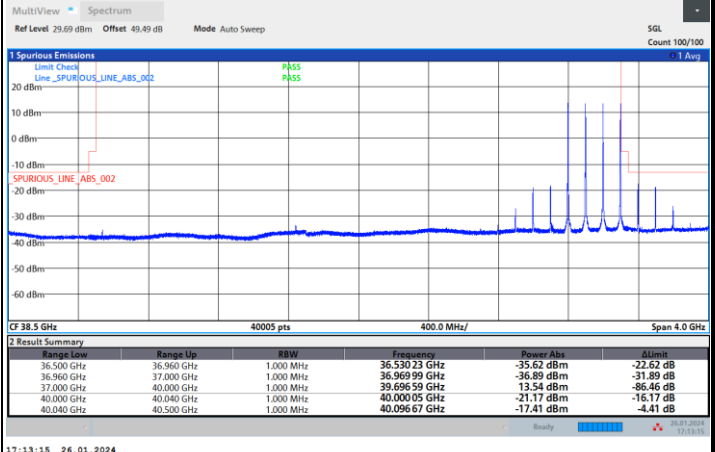
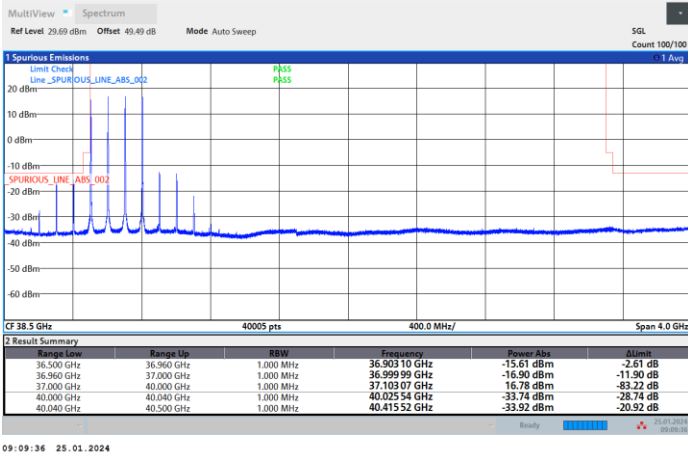
Highest Band Edge / 1 RB



NR Band n260 / 400MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



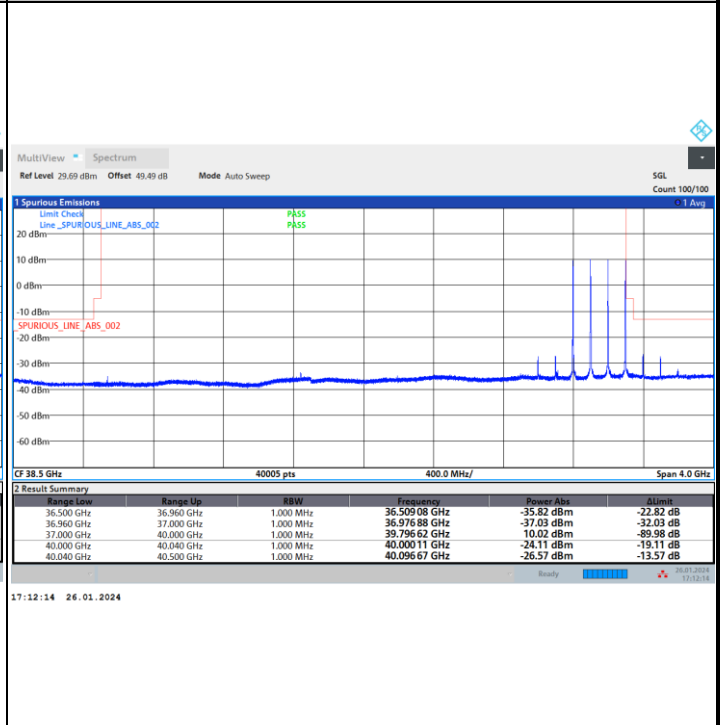
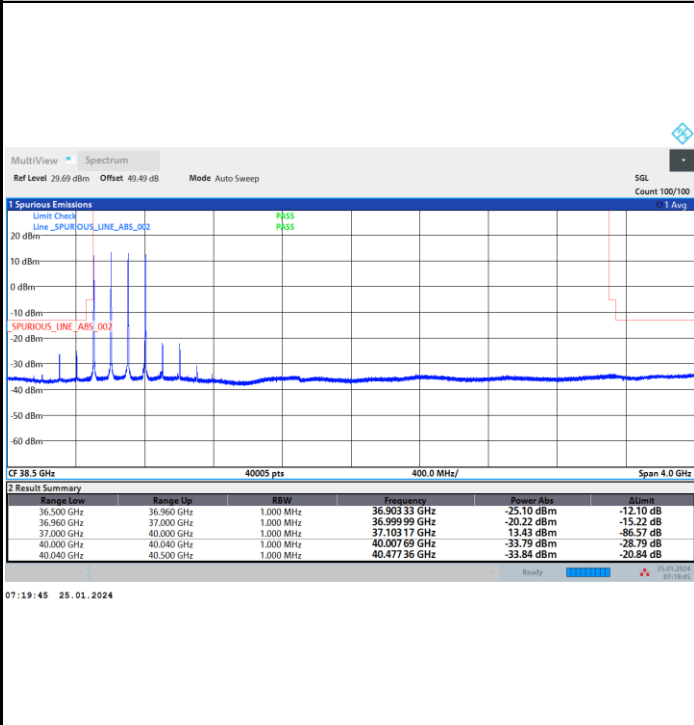


DFT-s-OFDM Module B

NR Band n260 / 400MHz / 64QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



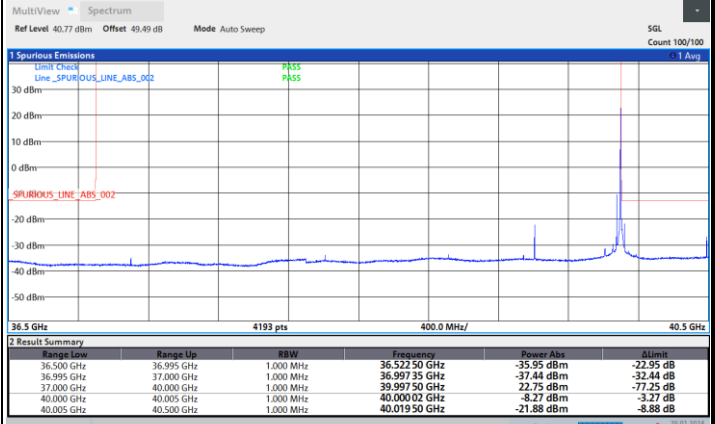
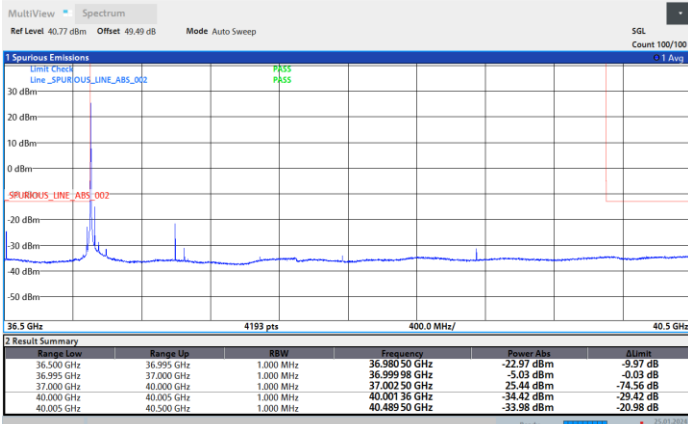


CP-OFDM Module B

NR Band n260 / 50MHz / QPSK

Lowest Band Edge / 1 RB

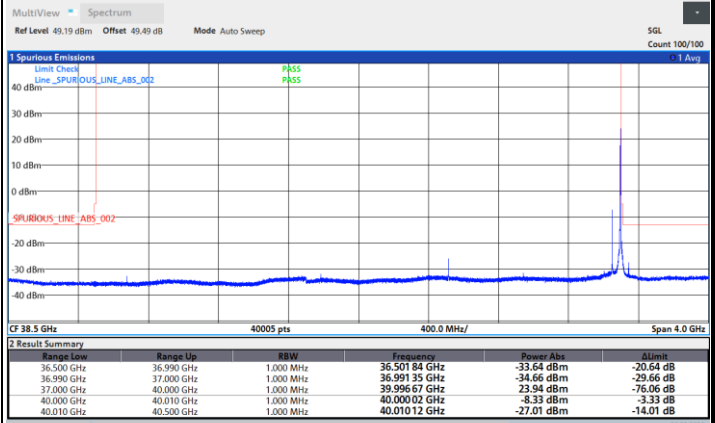
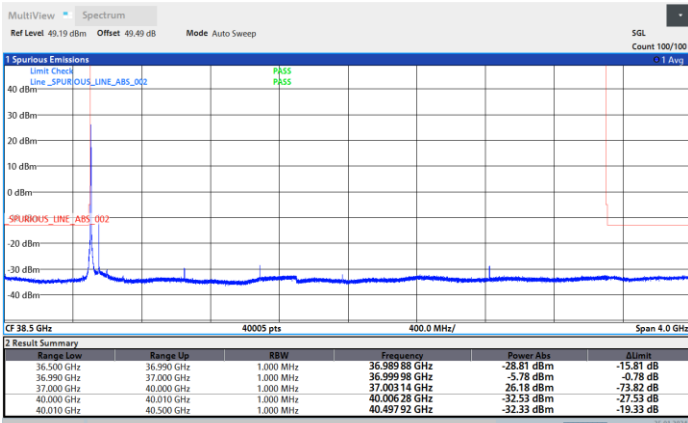
Highest Band Edge / 1 RB



NR Band n260 / 100MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



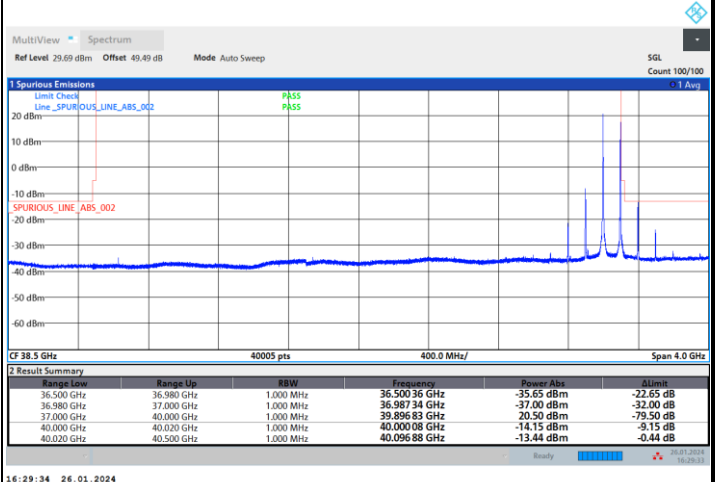
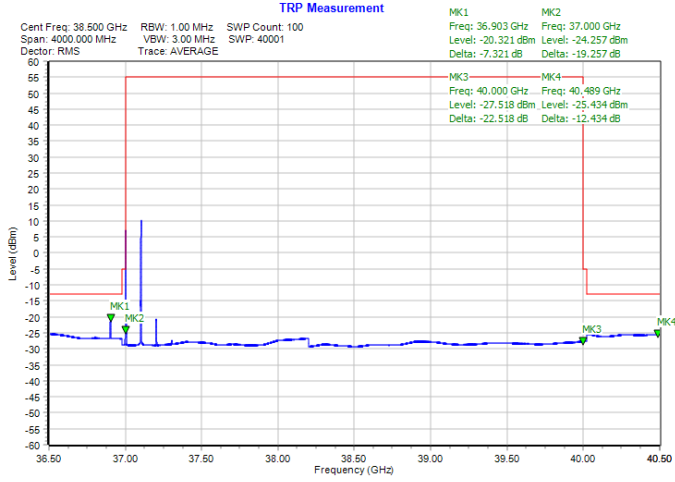


CP-OFDM Module B

NR Band n260 / 200MHz / QPSK

Lowest Band Edge / 1 RB

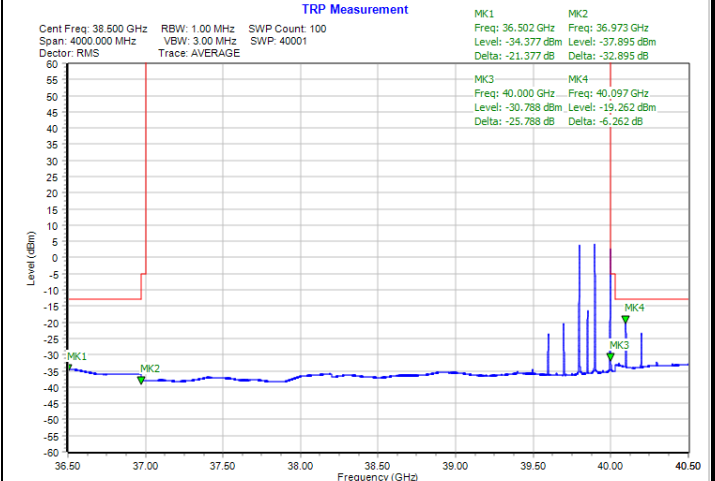
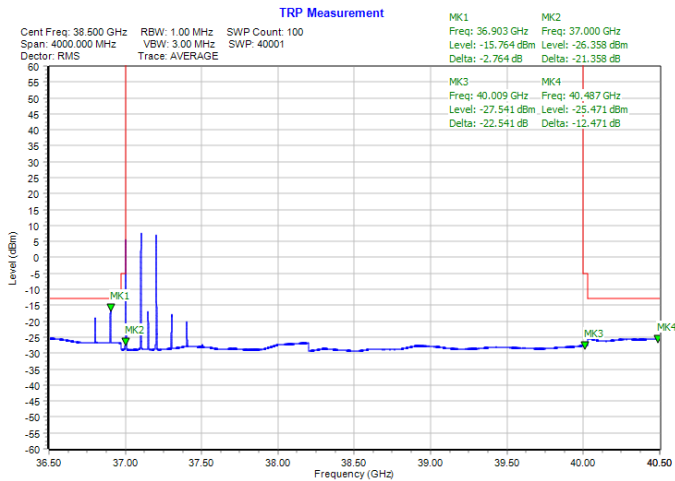
Highest Band Edge / 1 RB



NR Band n260 / 300MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



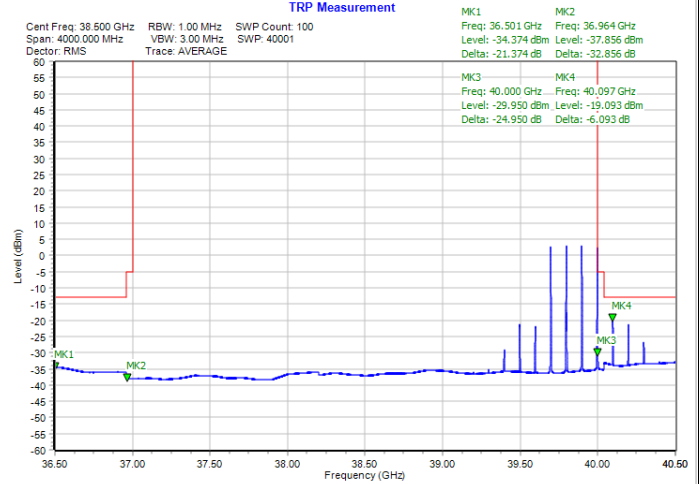
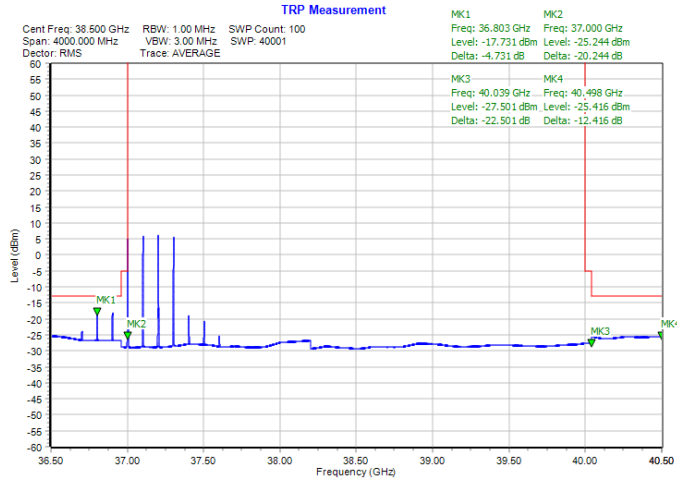


CP-OFDM Module B

NR Band n260 / 400MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



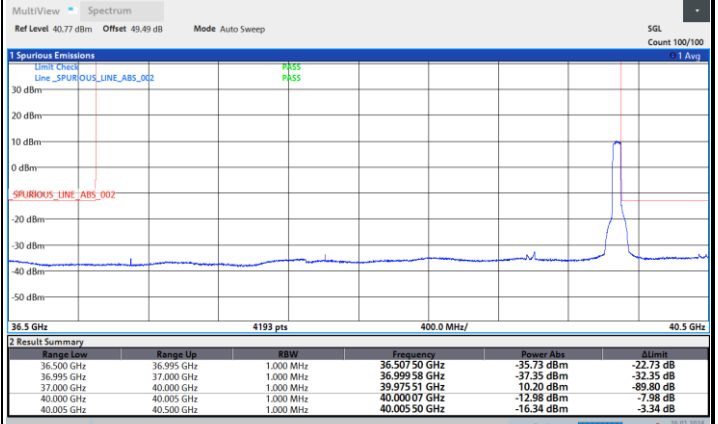
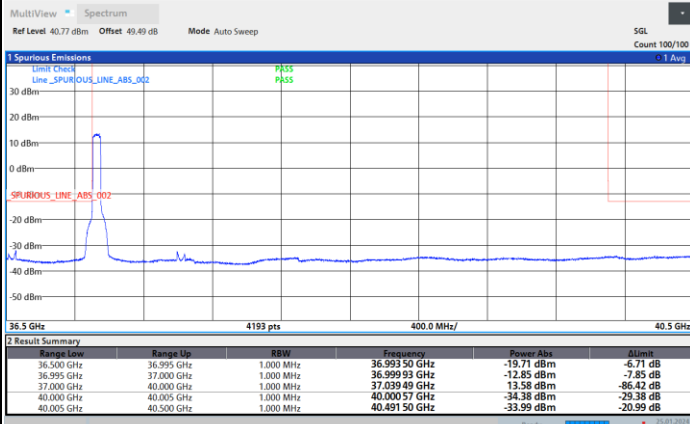


DFT-s-OFDM Module B

NR Band n260 / 50MHz / QPSK

Lowest Band Edge / Full RB

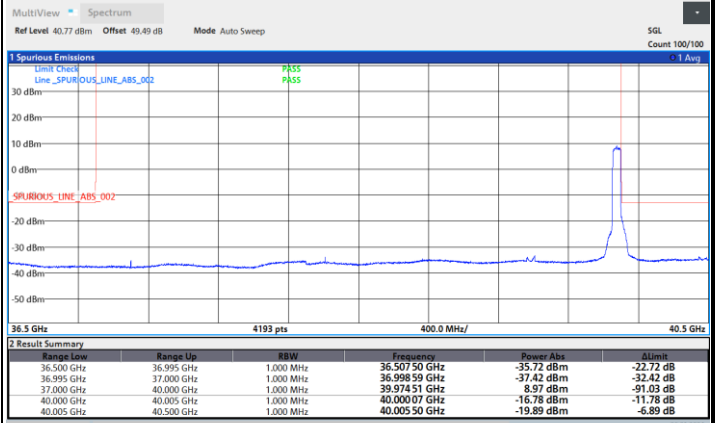
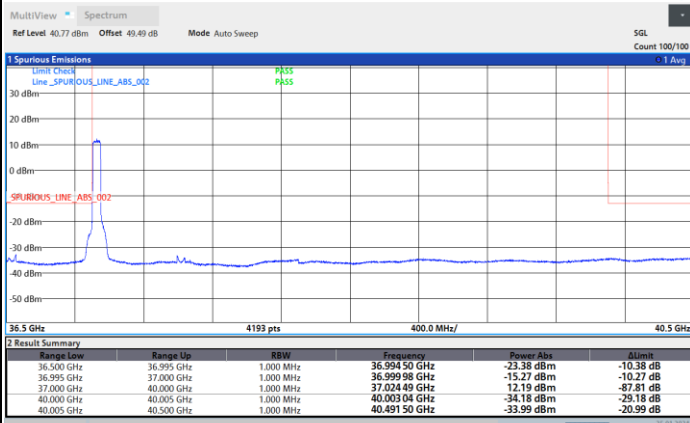
Highest Band Edge / Full RB



NR Band n260 / 50MHz / 16QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

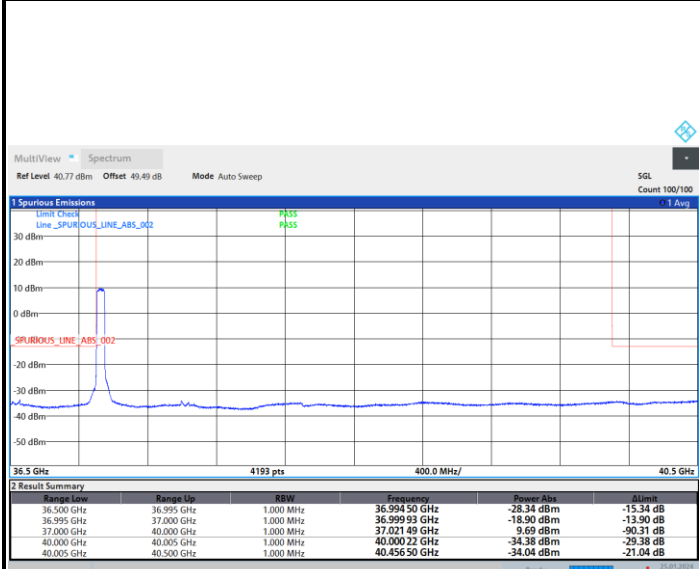




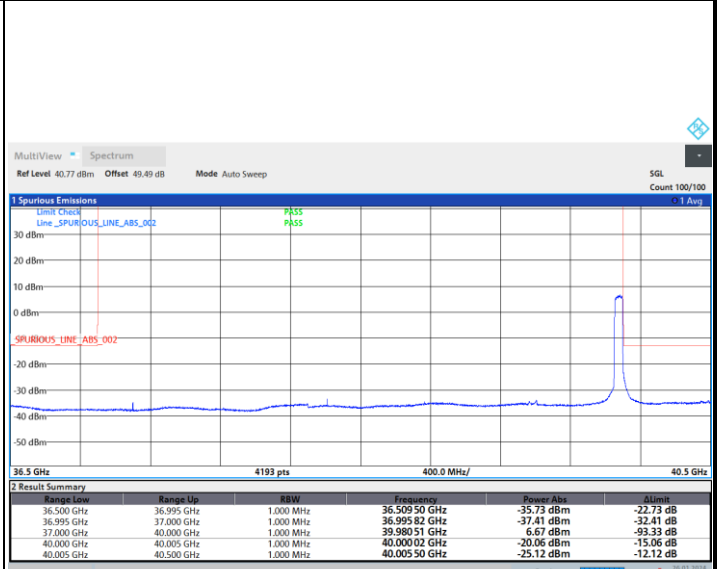
DFT-s-OFDM Module B

NR Band n260 / 50MHz / 64QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

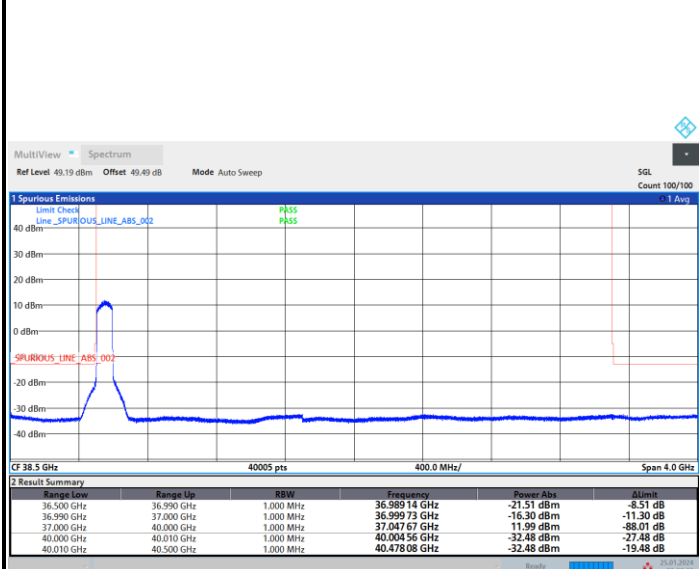


03:17:42 25.01.2024

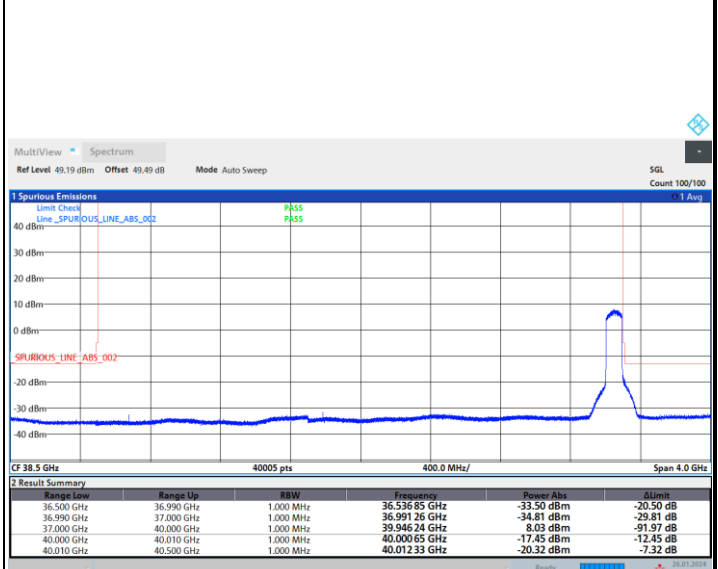
06:53:41 26.01.2024

NR Band n260 / 100MHz / QPSK

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

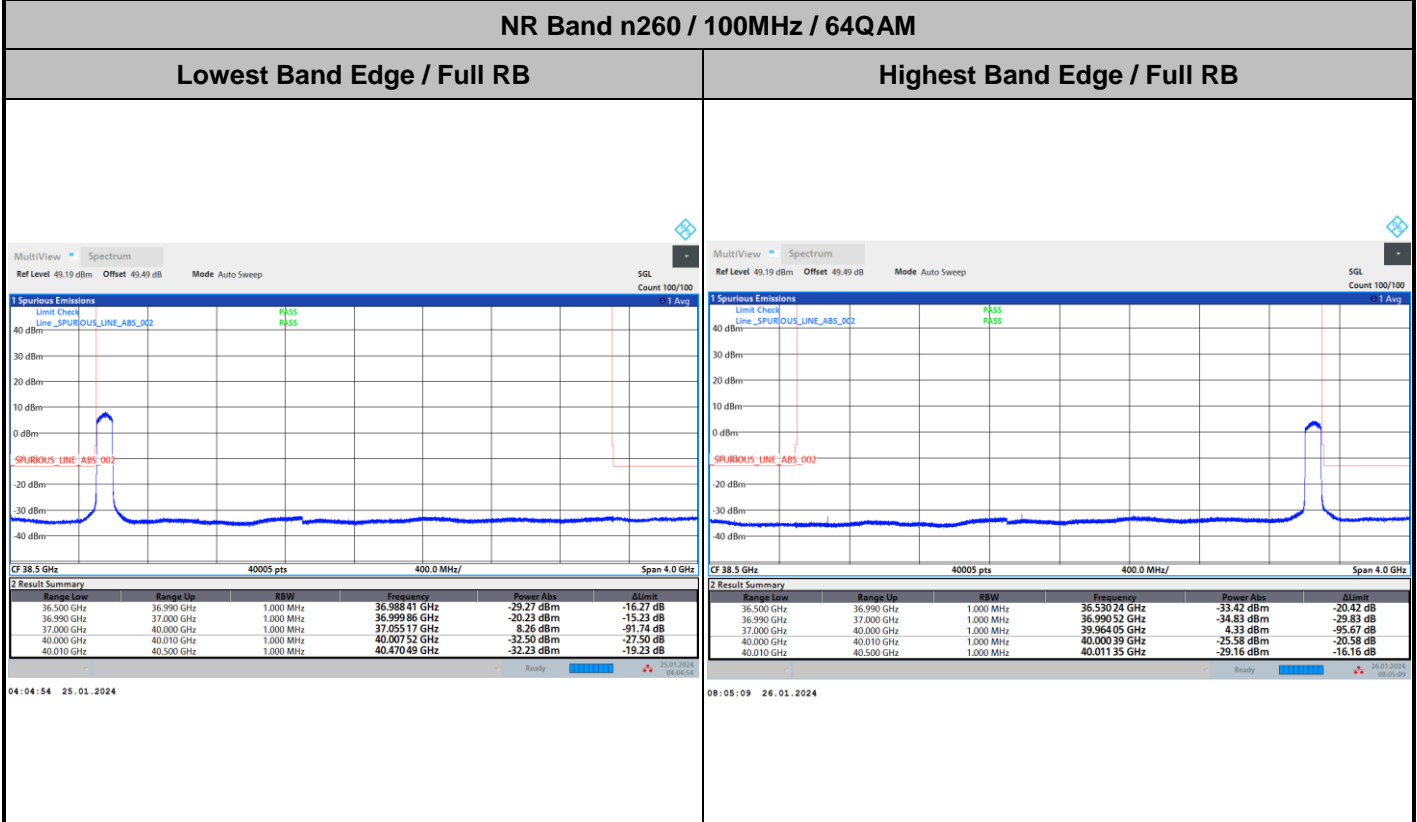
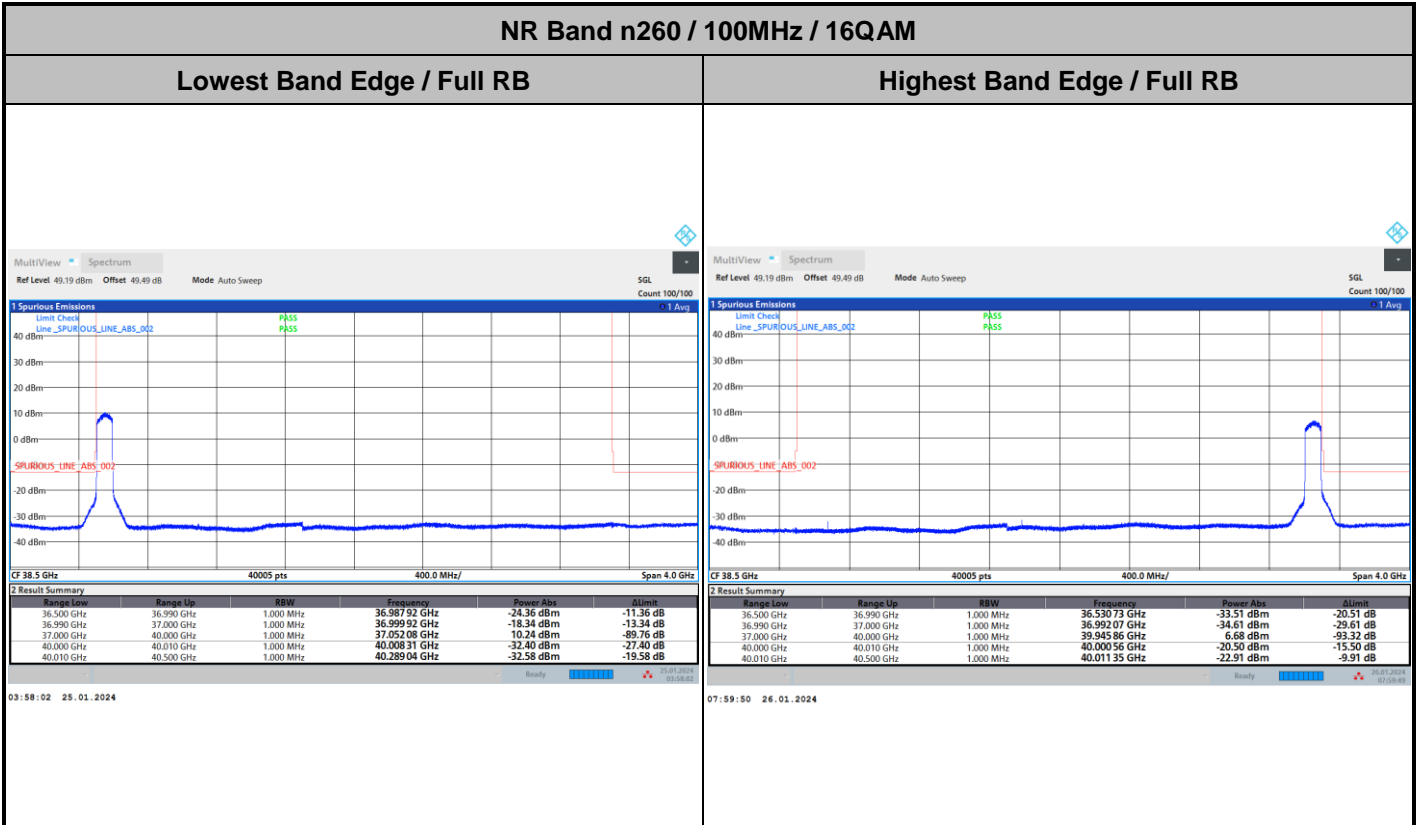


03:38:34 25.01.2024

07:49:39 26.01.2024



DFT-s-OFDM Module B





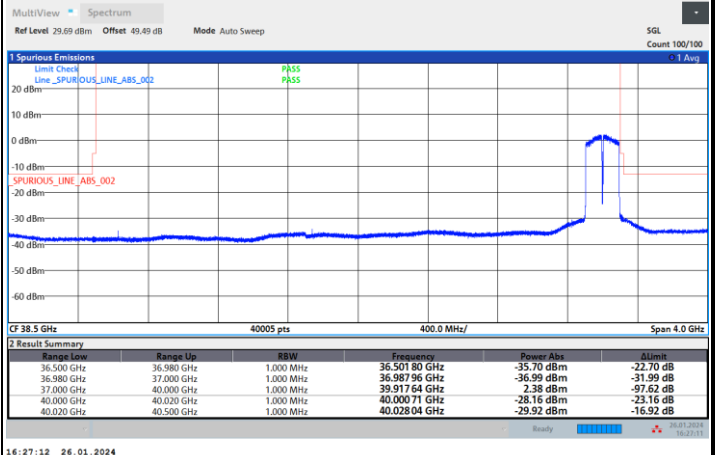
DFT-s-OFDM Module B

NR Band n260 / 200MHz / QPSK

Lowest Band Edge / Full RB

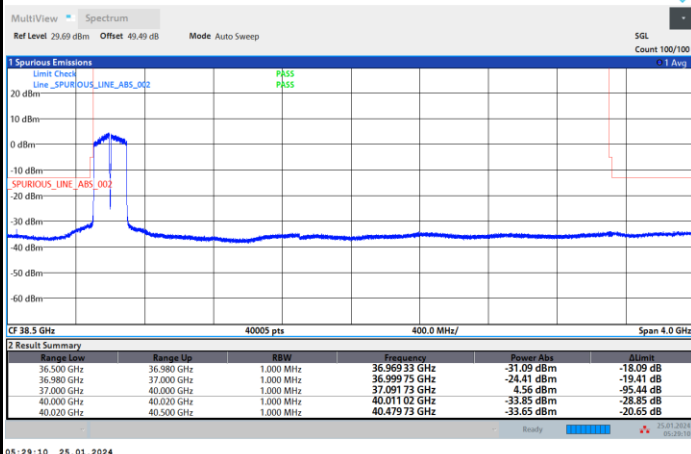


Highest Band Edge / Full RB

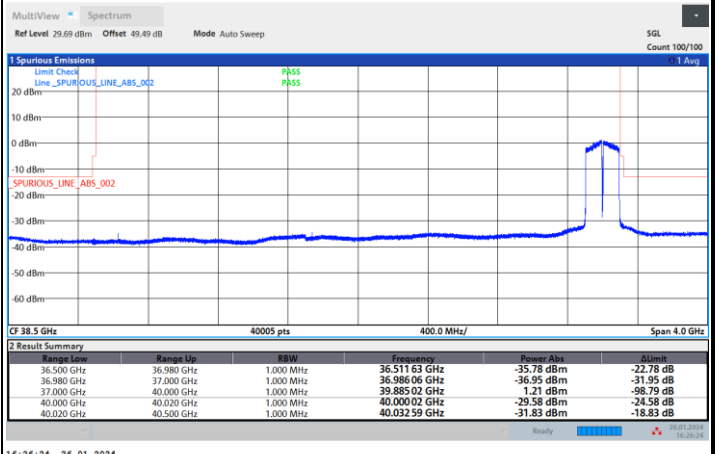


NR Band n260 / 200MHz / 16QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

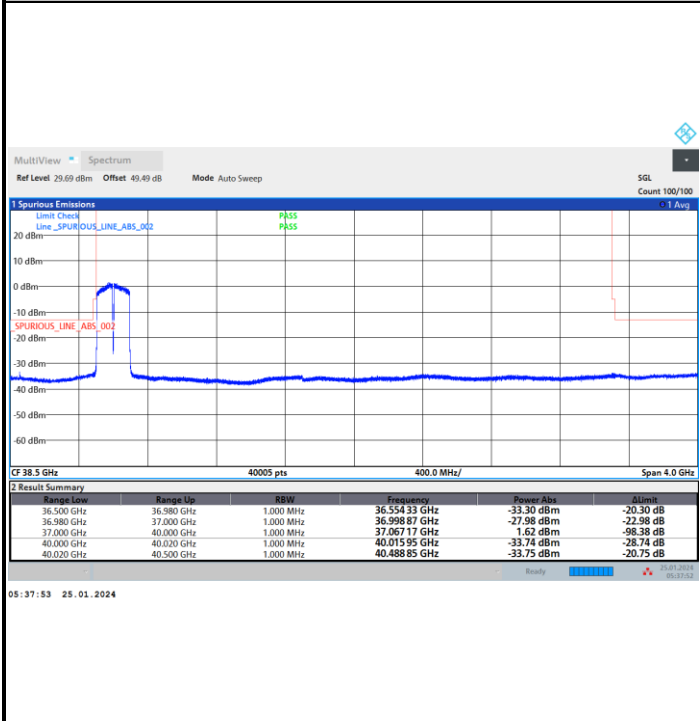




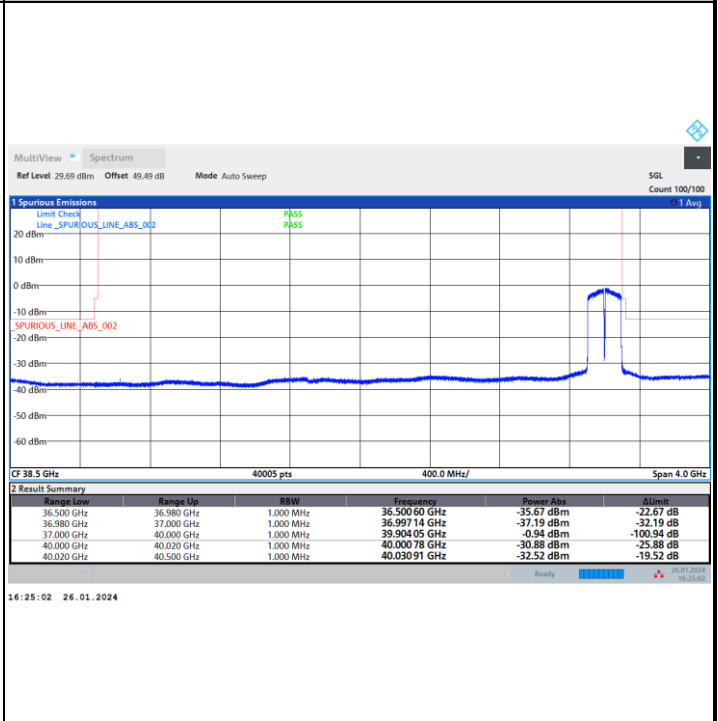
DFT-s-OFDM Module B

NR Band n260 / 200MHz / 64QAM

Lowest Band Edge / Full RB

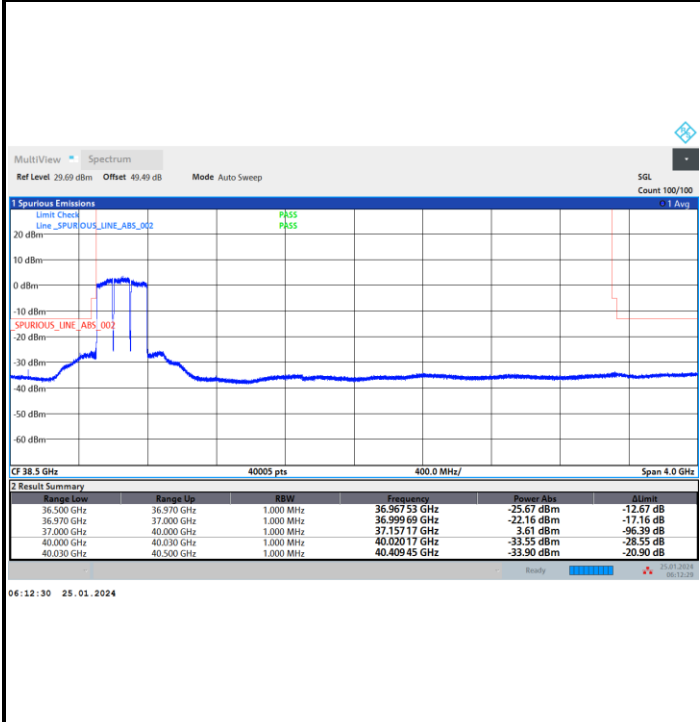


Highest Band Edge / Full RB

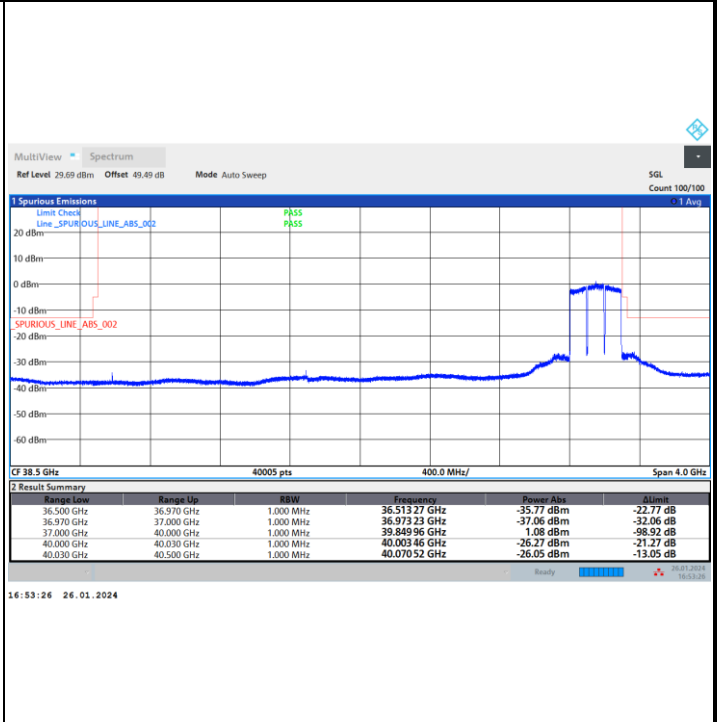


NR Band n260 / 300MHz / QPSK

Lowest Band Edge / Full RB



Highest Band Edge / Full RB



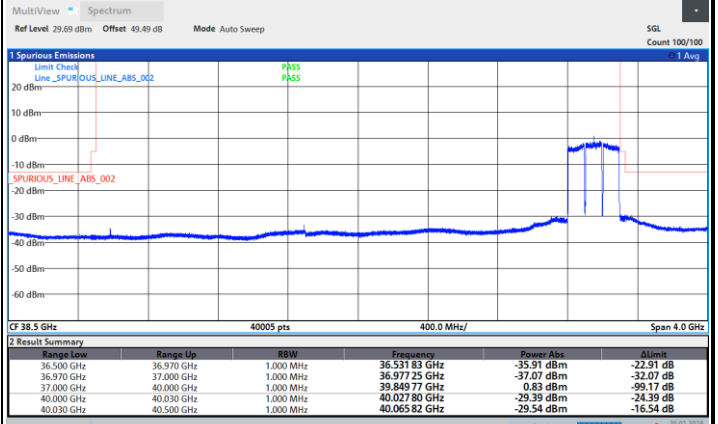
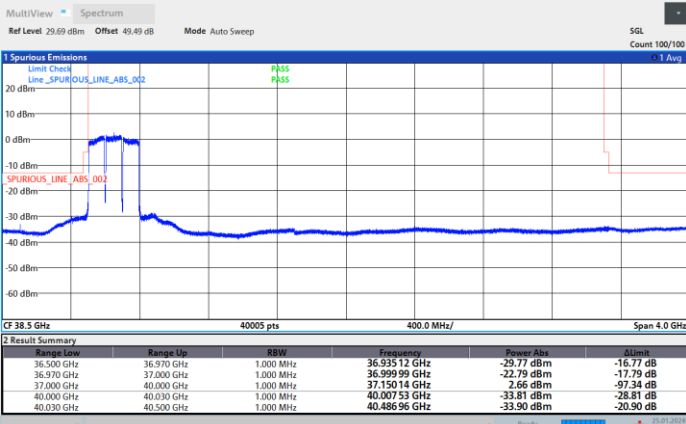


DFT-s-OFDM Module B

NR Band n260 / 300MHz / 16QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



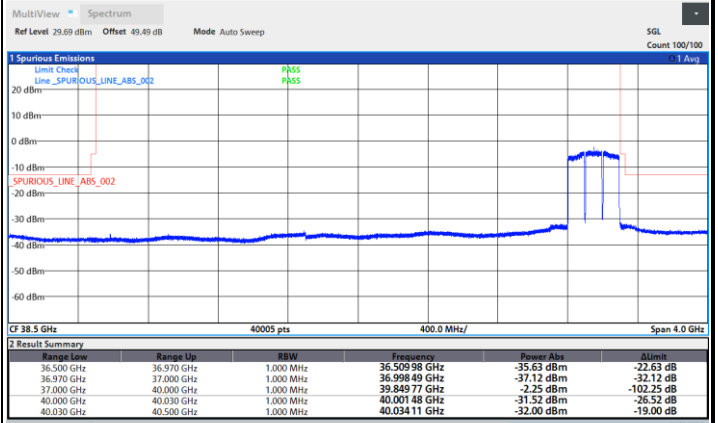
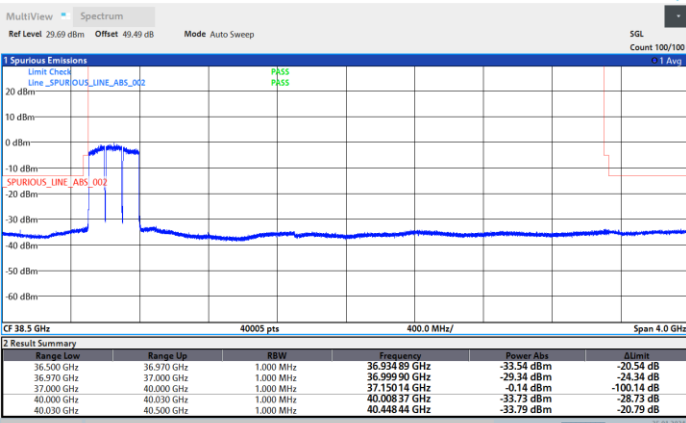
06:22:29 25. 01. 2024

16:52:15 26. 01. 2024

NR Band n260 / 300MHz / 64QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



06:29:16 25. 01. 2024

16:51:14 26. 01. 2024

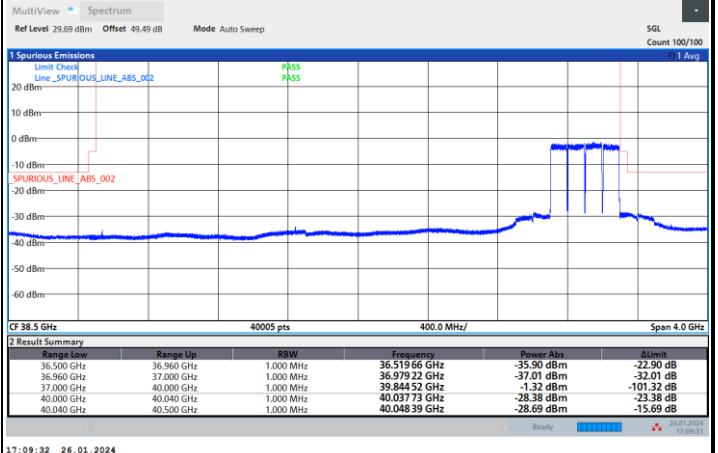
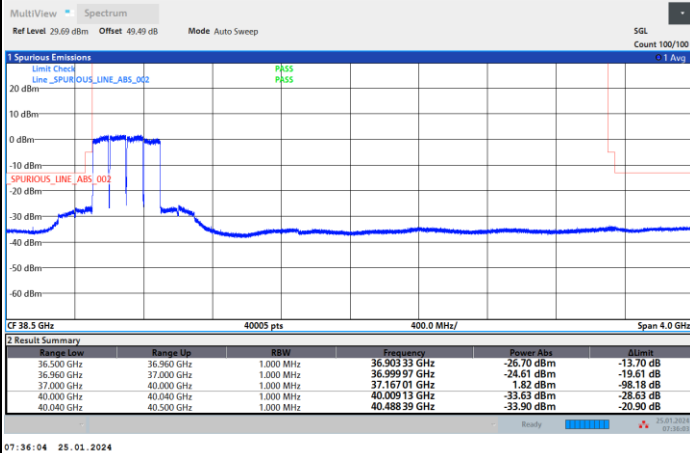


DFT-s-OFDM Module B

NR Band n260 / 400MHz / QPSK

Lowest Band Edge / Full RB

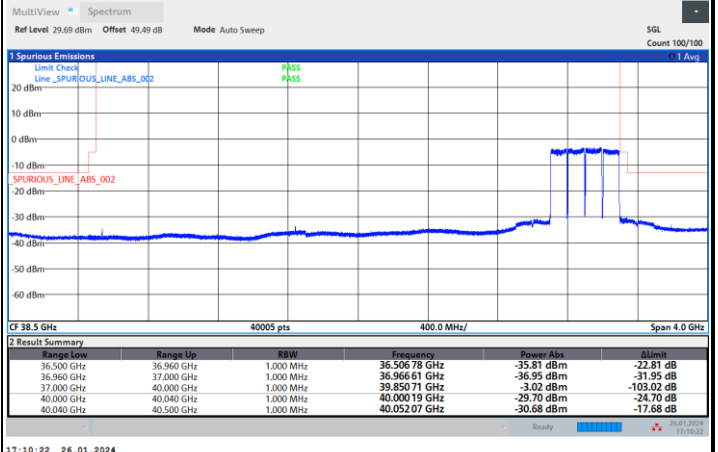
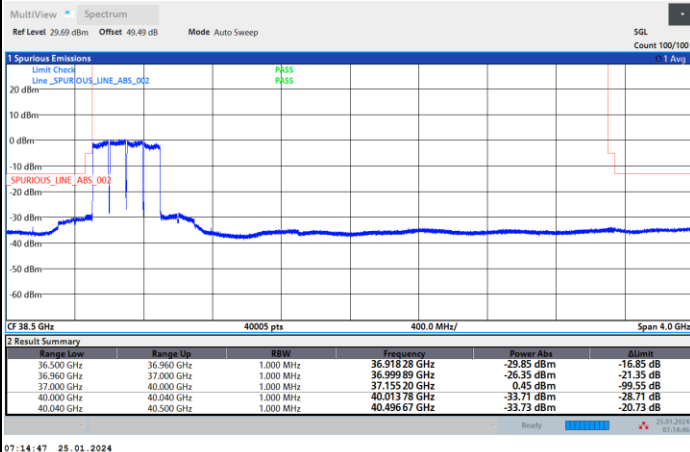
Highest Band Edge / Full RB



NR Band n260 / 400MHz / 16QAM

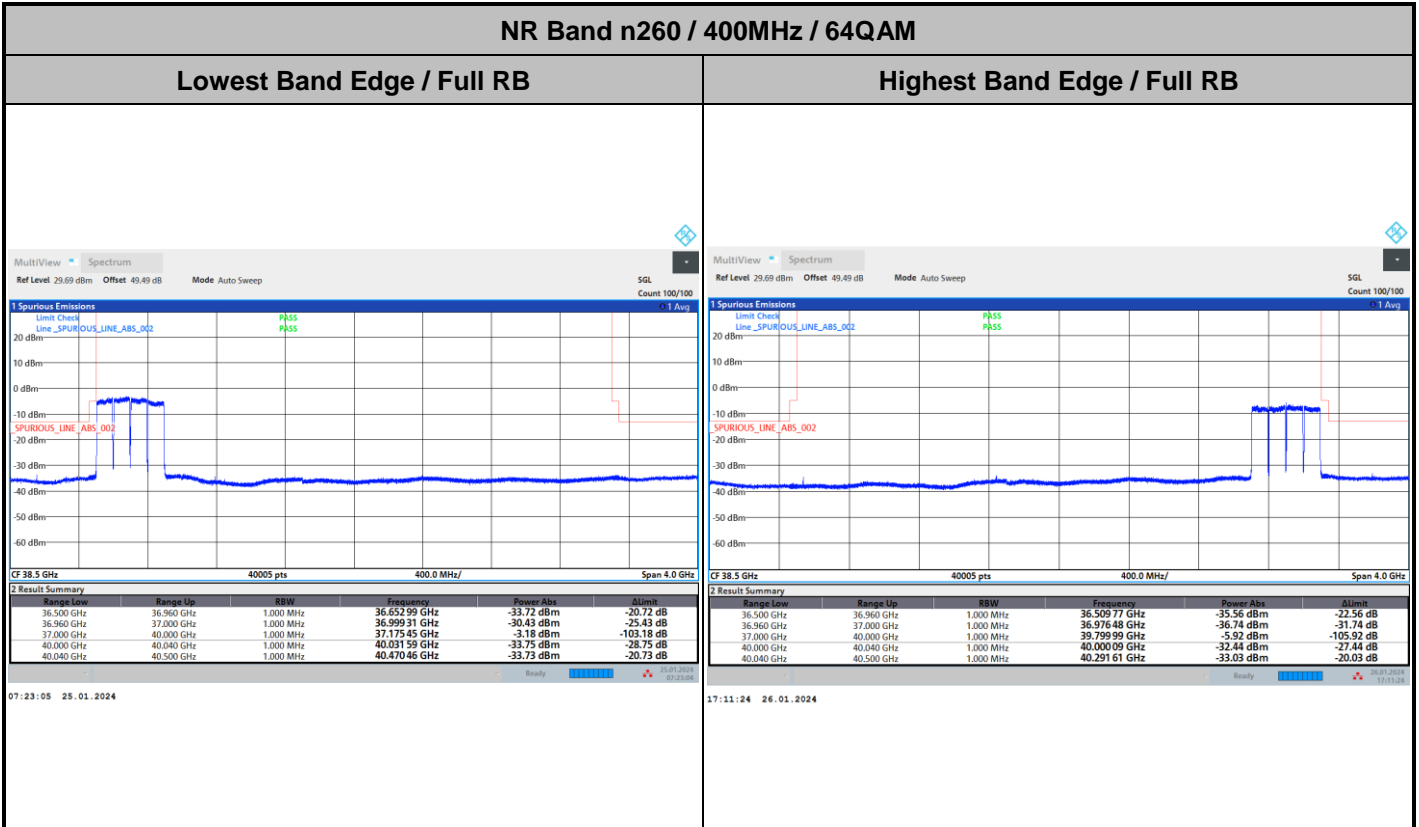
Lowest Band Edge / Full RB

Highest Band Edge / Full RB





DFT-s-OFDM Module B

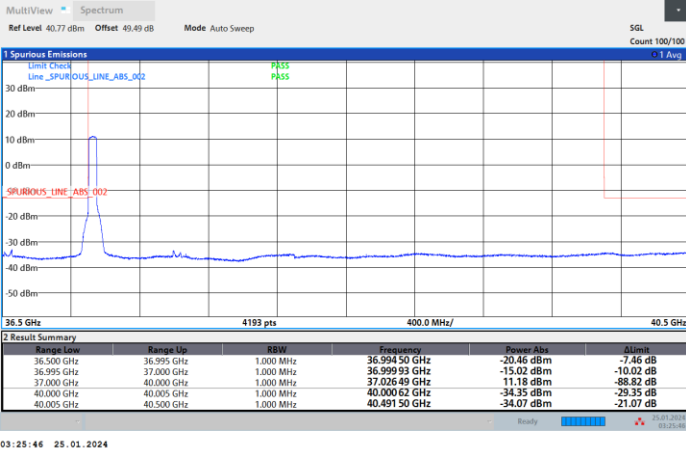




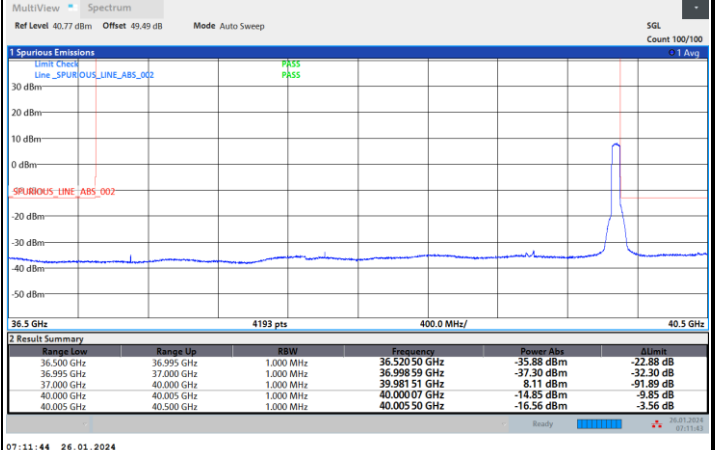
CP-OFDM Module B

NR Band n260 / 50MHz / QPSK

Lowest Band Edge / Full RB

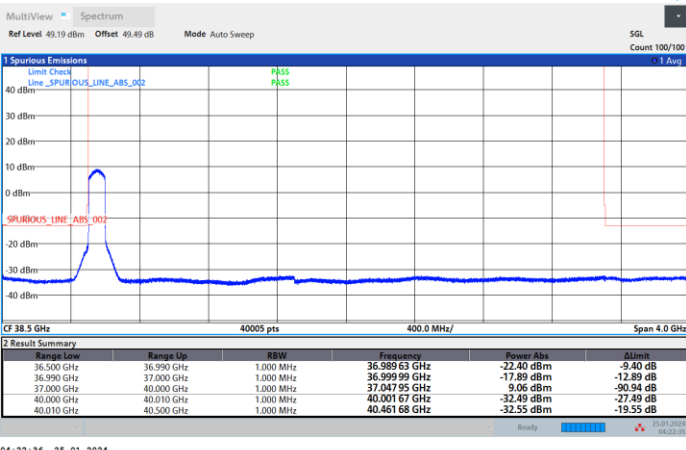


Highest Band Edge / Full RB

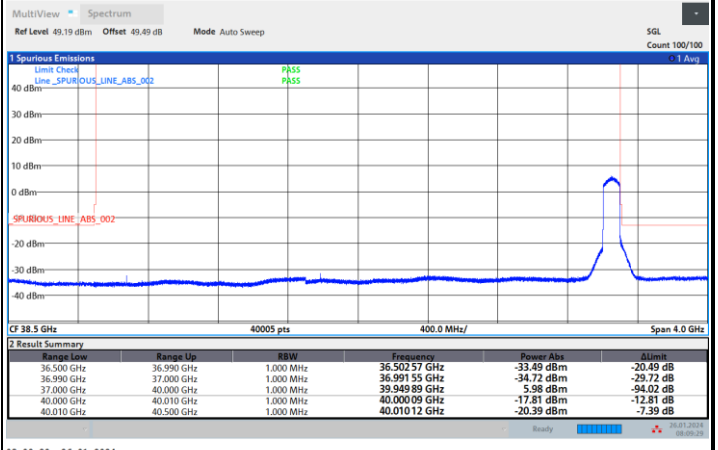


NR Band n260 / 100MHz / QPSK

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

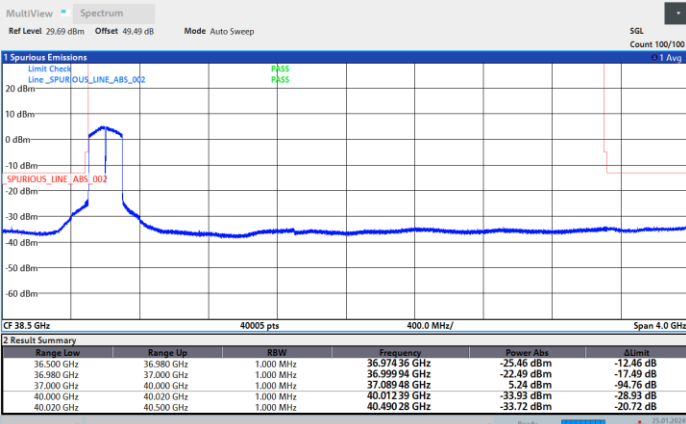




CP-OFDM Module B

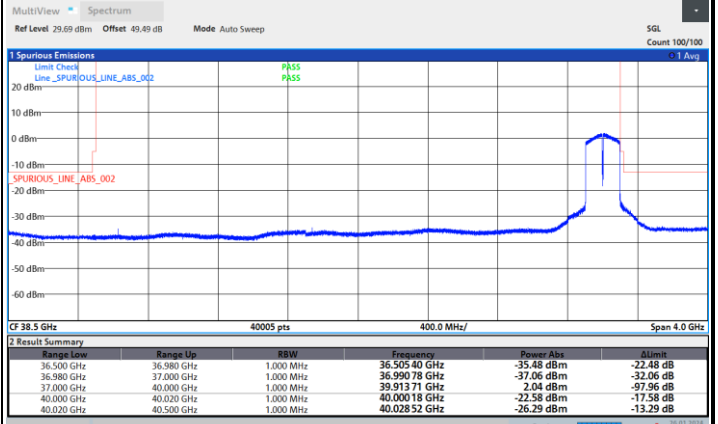
NR Band n260 / 200MHz / QPSK

Lowest Band Edge / Full RB



05:48:11 25. 01. 2024

Highest Band Edge / Full RB



16:28:33 26. 01. 2024

NR Band n260 / 300MHz / QPSK

Lowest Band Edge / Full RB



06:47:56 25. 01. 2024

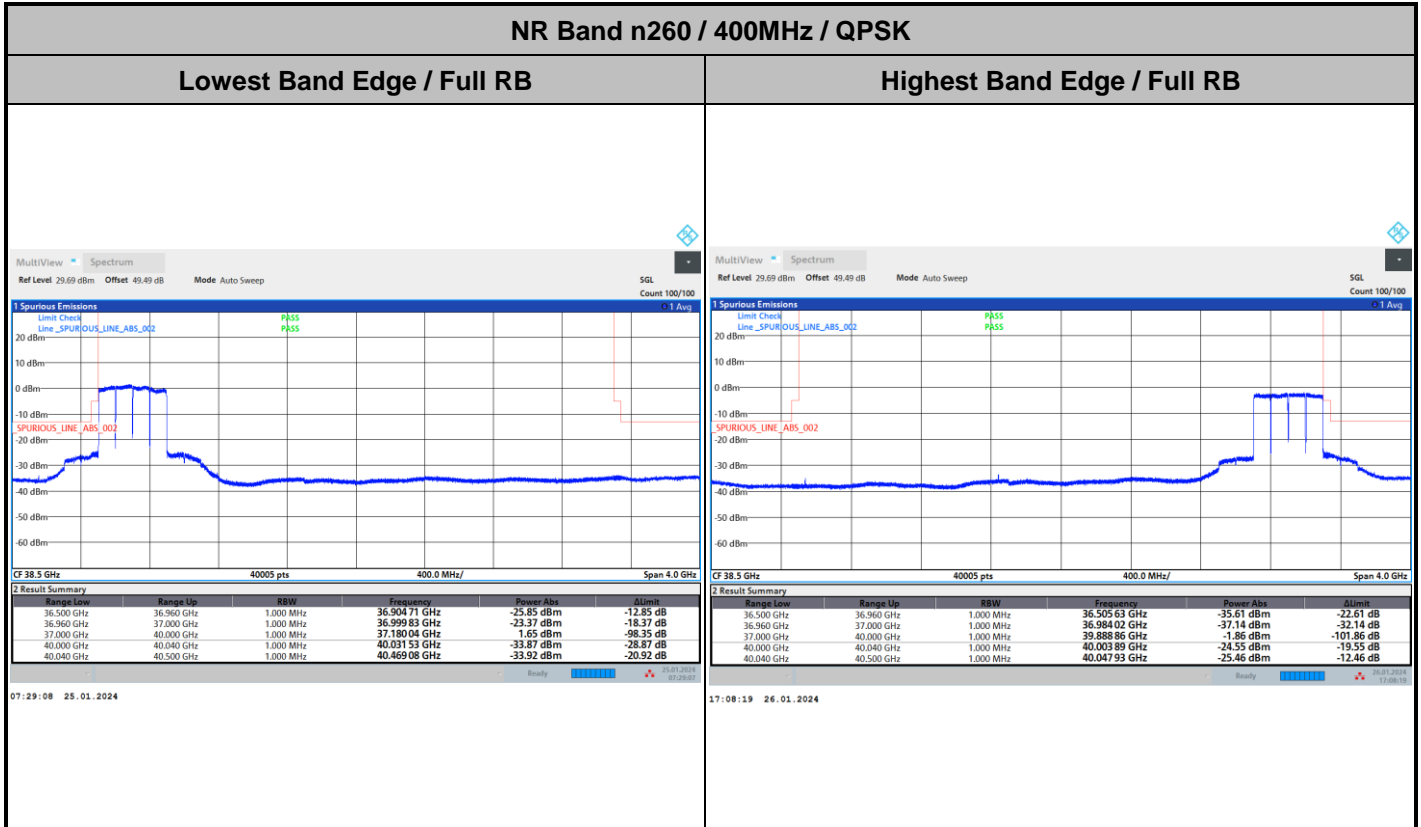
Highest Band Edge / Full RB



16:56:25 26. 01. 2024



CP-OFDM Module B

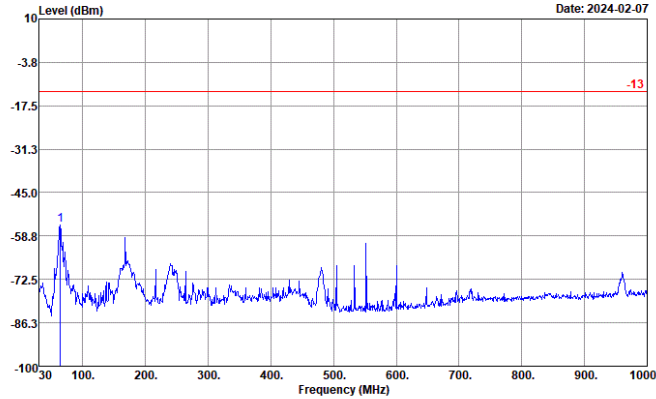




Spurious Emission

NR Band n260 (30MHz-1GHz)

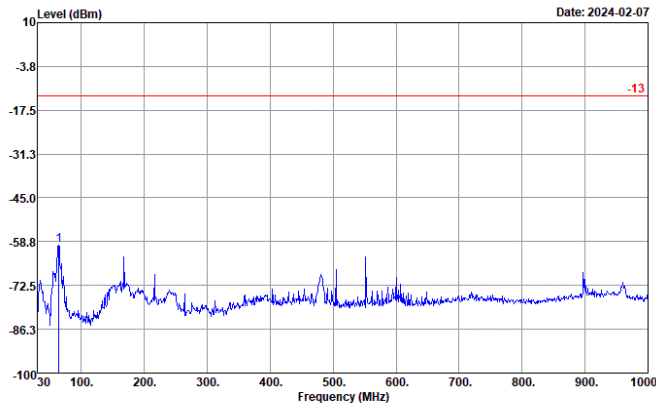
Horizontal



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

1	63.95	-55.38	-42.38	-13.00
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Vertical



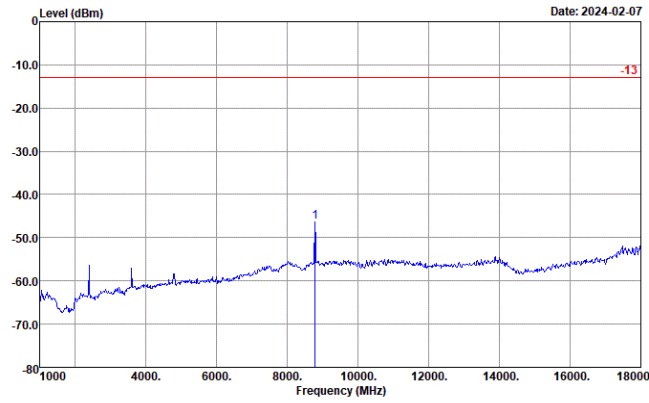
Site : 03CH10-HY
 Condition : -13 EIRP_WO VERTICAL
 Project : 3N2326
 : n260 MB

1	63.95	-59.77	-46.77	-13.00
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NR Band n260 (1GHz-18GHz)

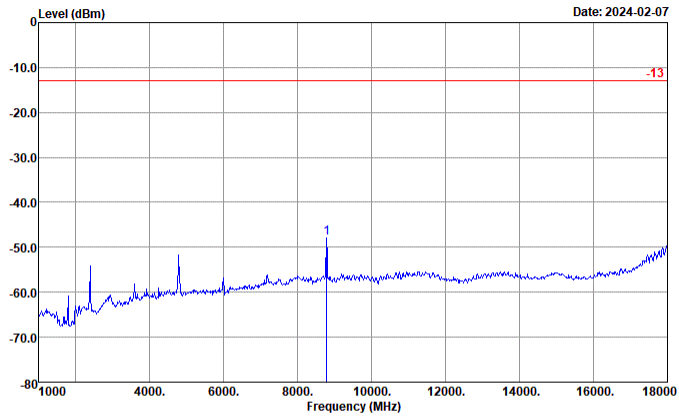
Horizontal



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

Freq	Level	Over	Limit
MHz	dBm	dB	dBm
1 8786.00	-46.34	-33.34	-13.00

Vertical



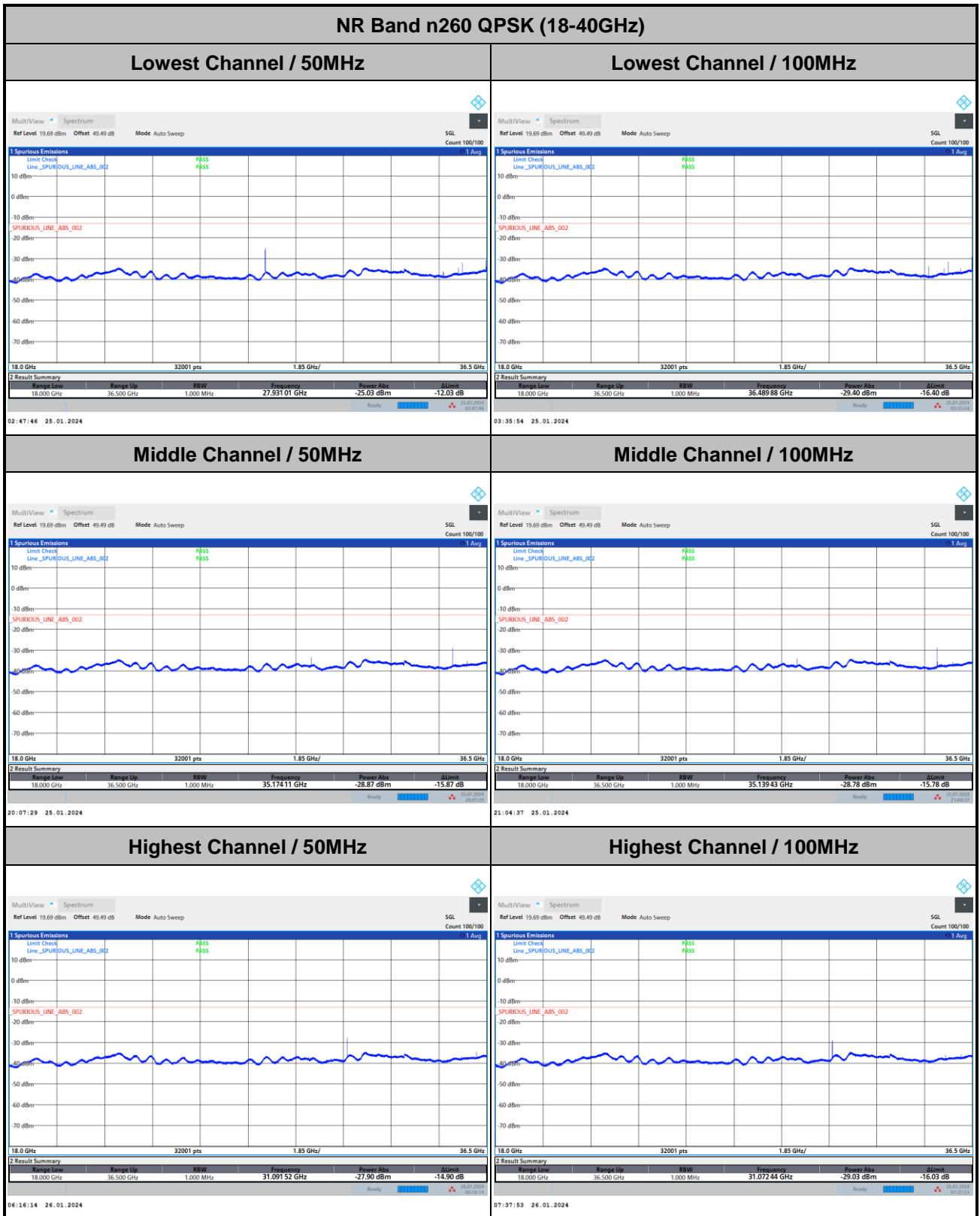
Site : 03CH10-HY
 Condition : -13 EIRP_WO VERTICAL
 Project : 3N2326
 : n260 MB

Freq	Level	Over	Limit
MHz	dBm	dB	dBm
1 8786.00	-47.98	-34.98	-13.00



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

DFT-s-OFDM Module B



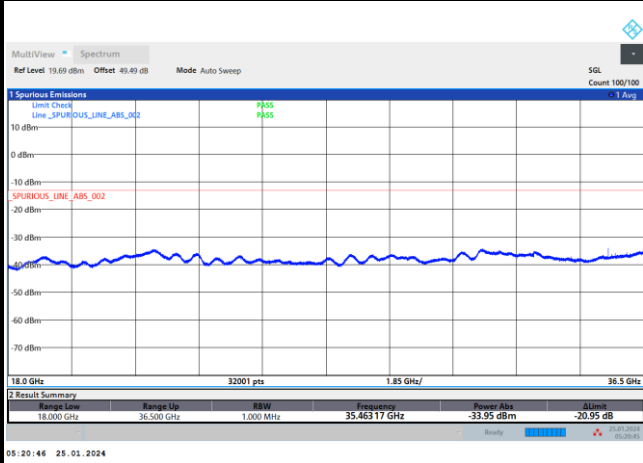
Remark: In band and out of band frequencies are omitted.



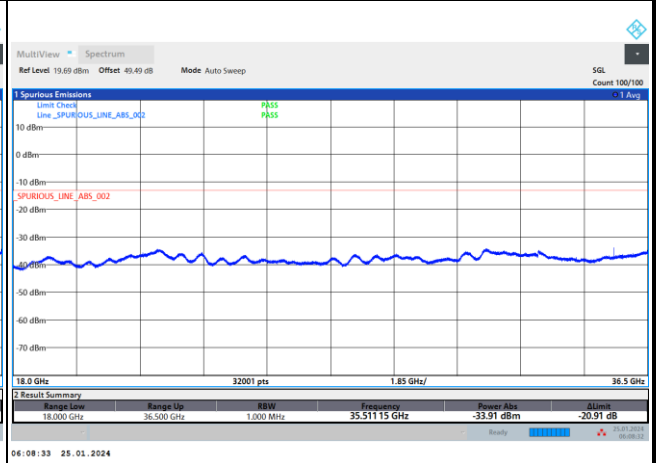
DFT-s-OFDM Module B

NR Band n260 QPSK (18-40GHz)

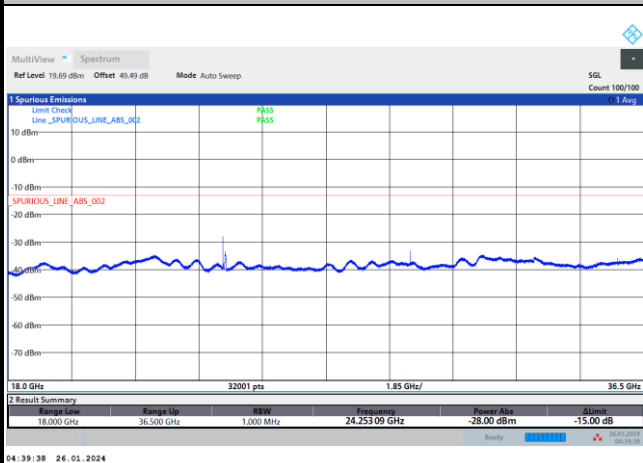
Lowest Channel / 200MHz



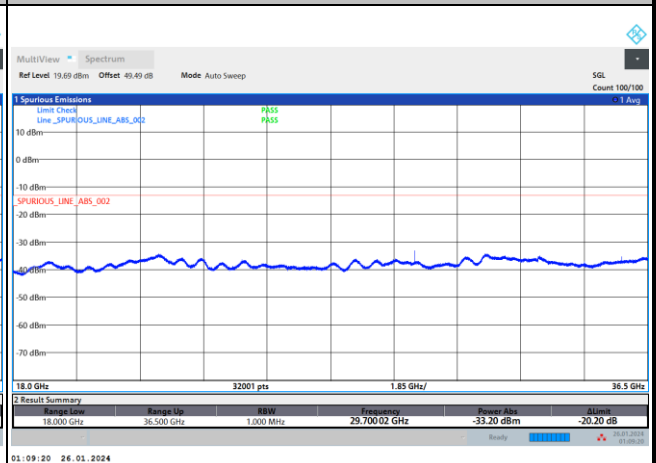
Lowest Channel / 300MHz



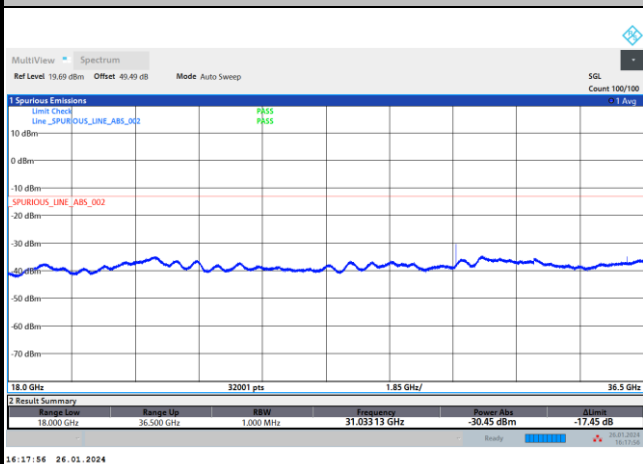
Middle Channel / 200MHz



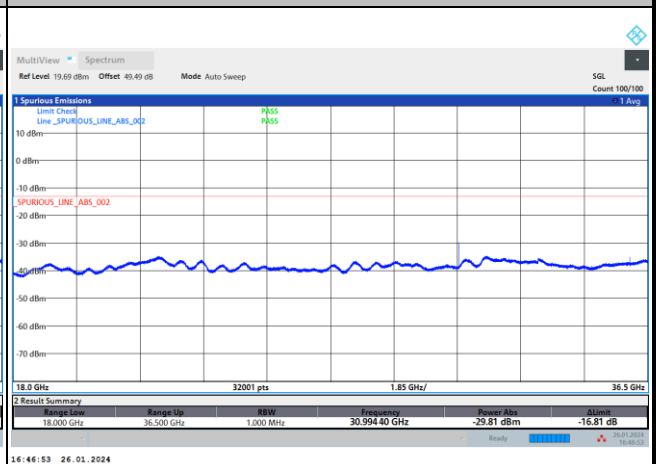
Middle Channel / 300MHz



Highest Channel / 200MHz



Highest Channel / 300MHz



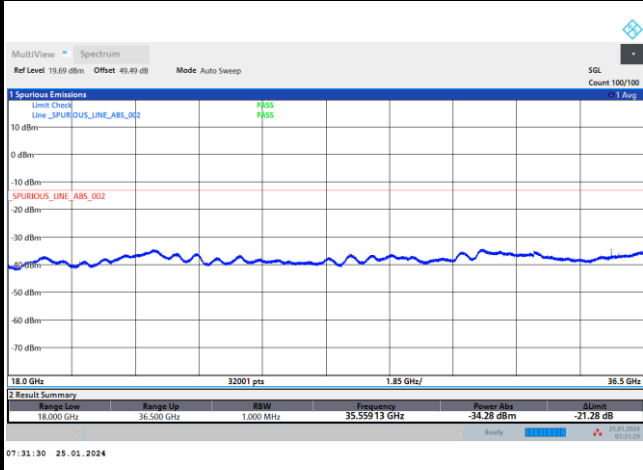
Remark: In band and out of band frequencies are omitted.



DFT-s-OFDM Module B

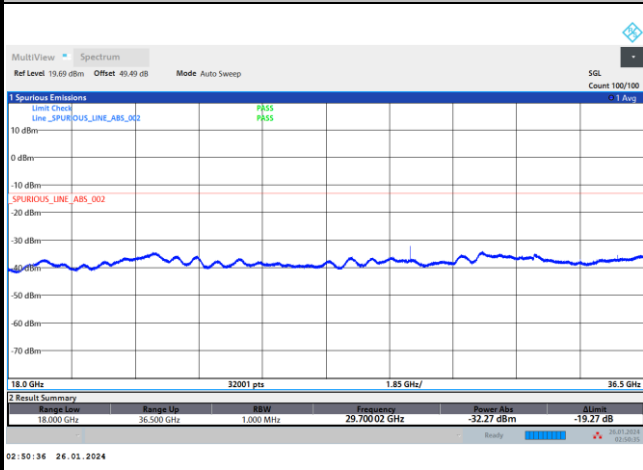
NR Band n260 QPSK (18-40GHz)

Lowest Channel / 400MHz



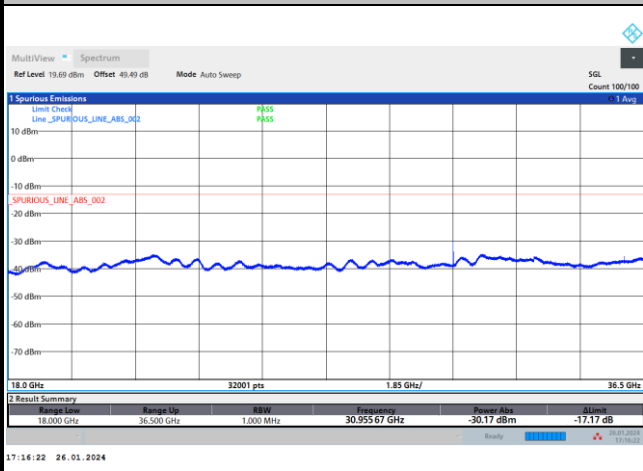
intentionally blank

Middle Channel / 400MHz



intentionally blank

Highest Channel / 400MHz



intentionally blank

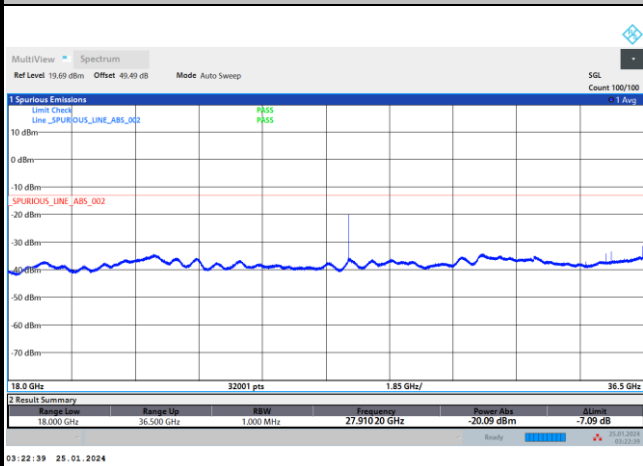
Remark: In band and out of band frequencies are omitted.



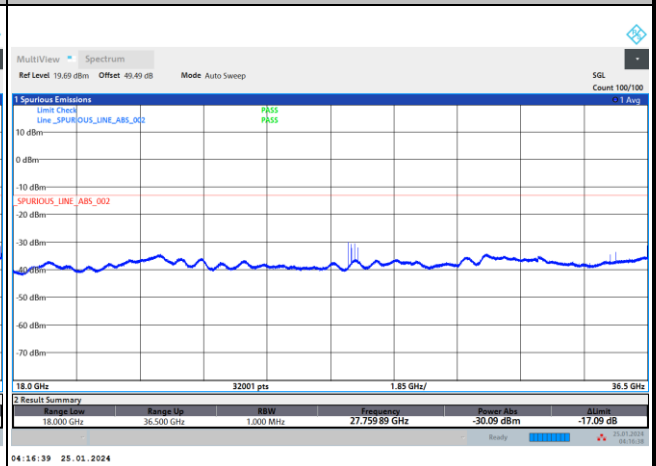
CP-OFDM Module B

NR Band n260 QPSK (18-40GHz)

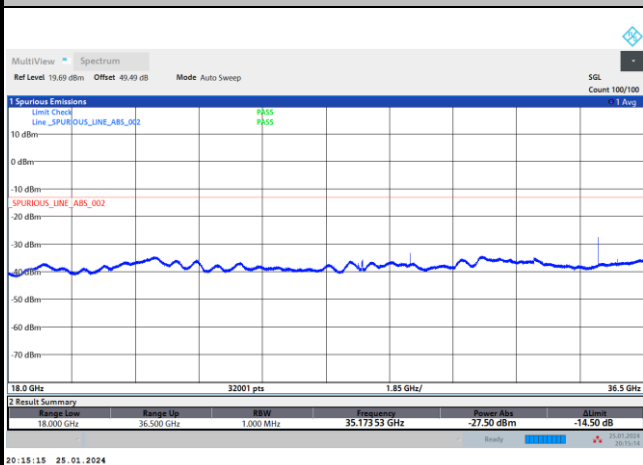
Lowest Channel / 50MHz



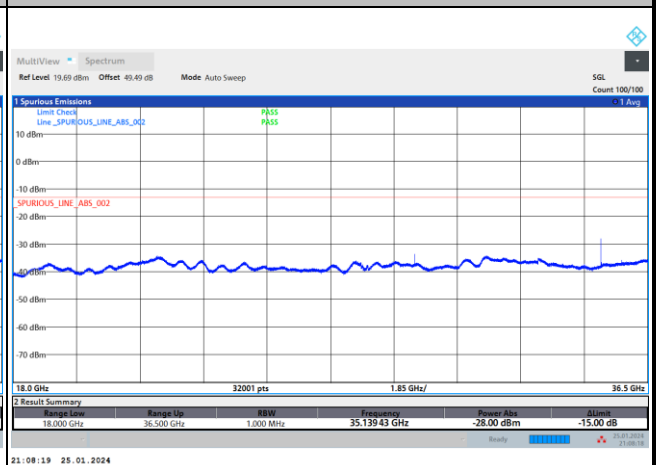
Lowest Channel / 100MHz



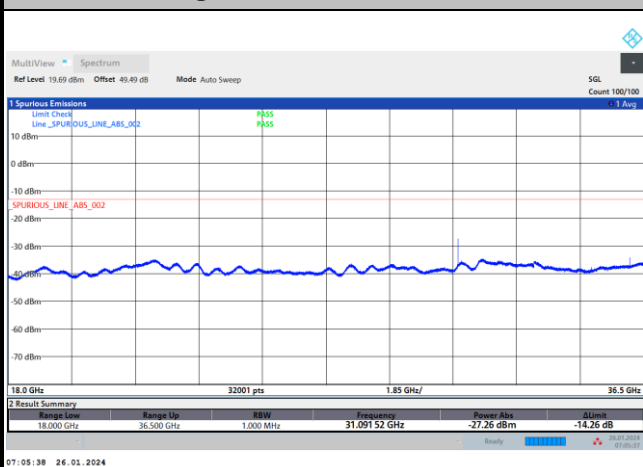
Middle Channel / 50MHz



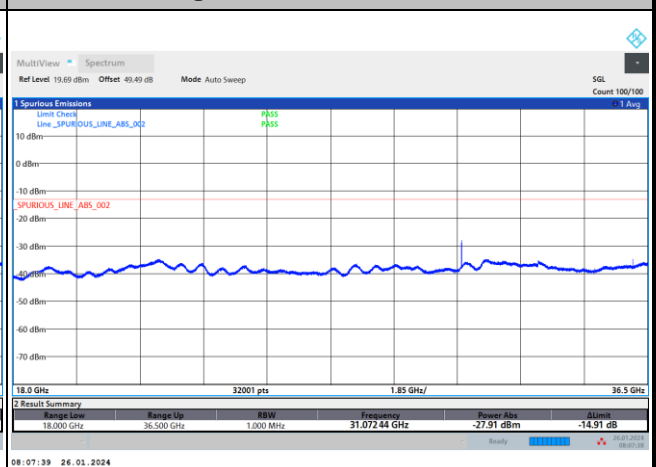
Middle Channel / 100MHz



Highest Channel / 50MHz



Highest Channel / 100MHz



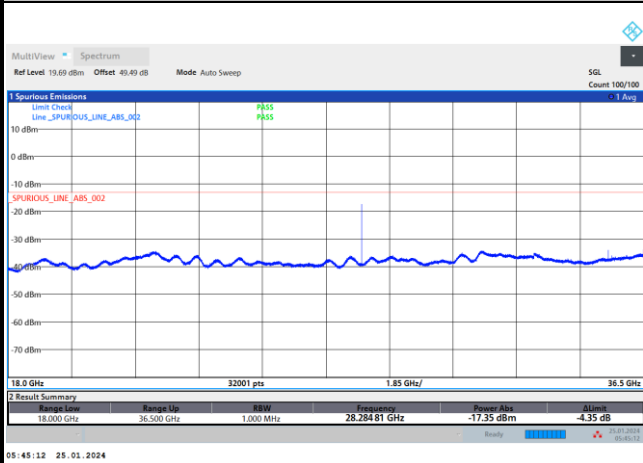
Remark: In band and out of band frequencies are omitted.



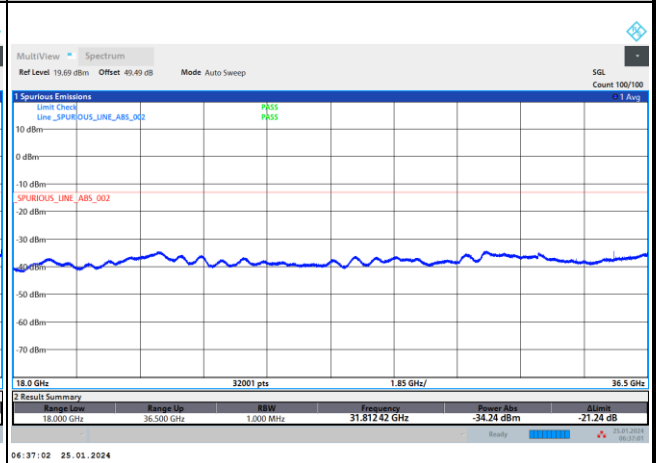
CP-OFDM Module B

NR Band n260 QPSK (18-40GHz)

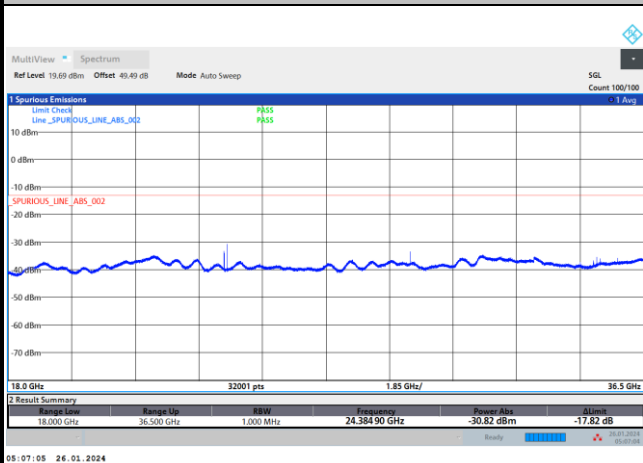
Lowest Channel / 200MHz



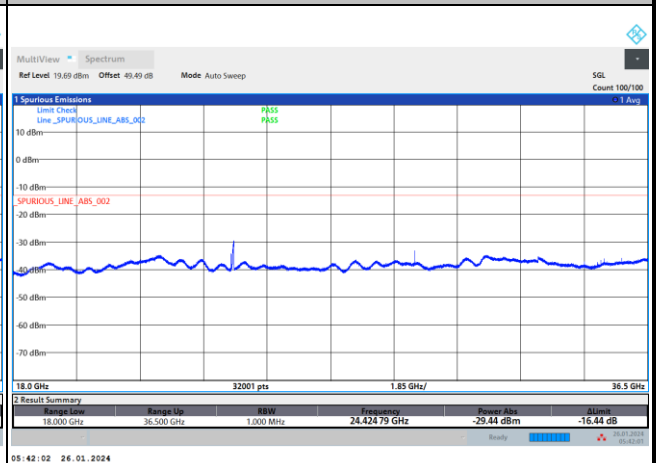
Lowest Channel / 300MHz



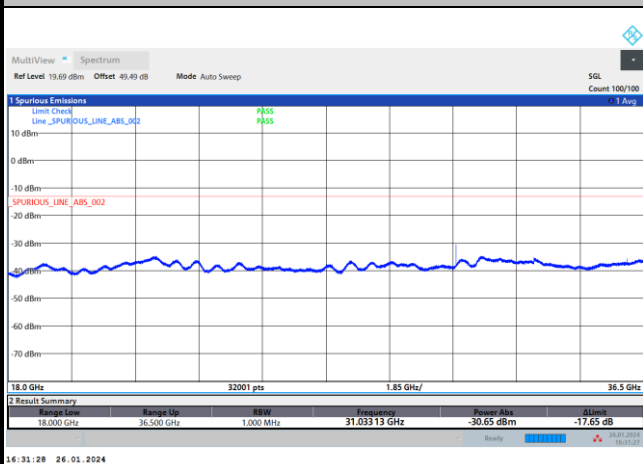
Middle Channel / 200MHz



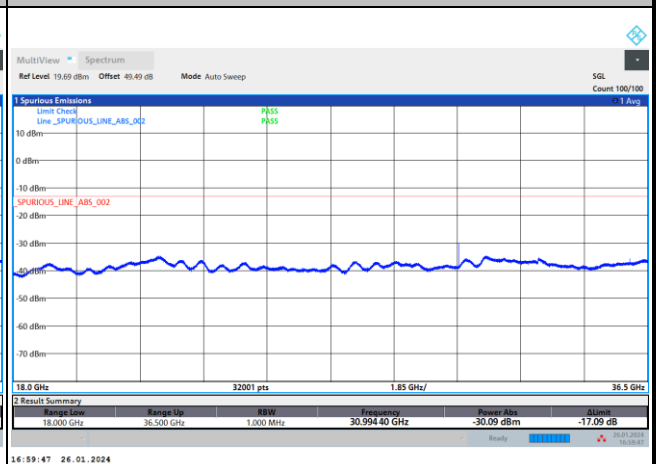
Middle Channel / 300MHz



Highest Channel / 200MHz



Highest Channel / 300MHz



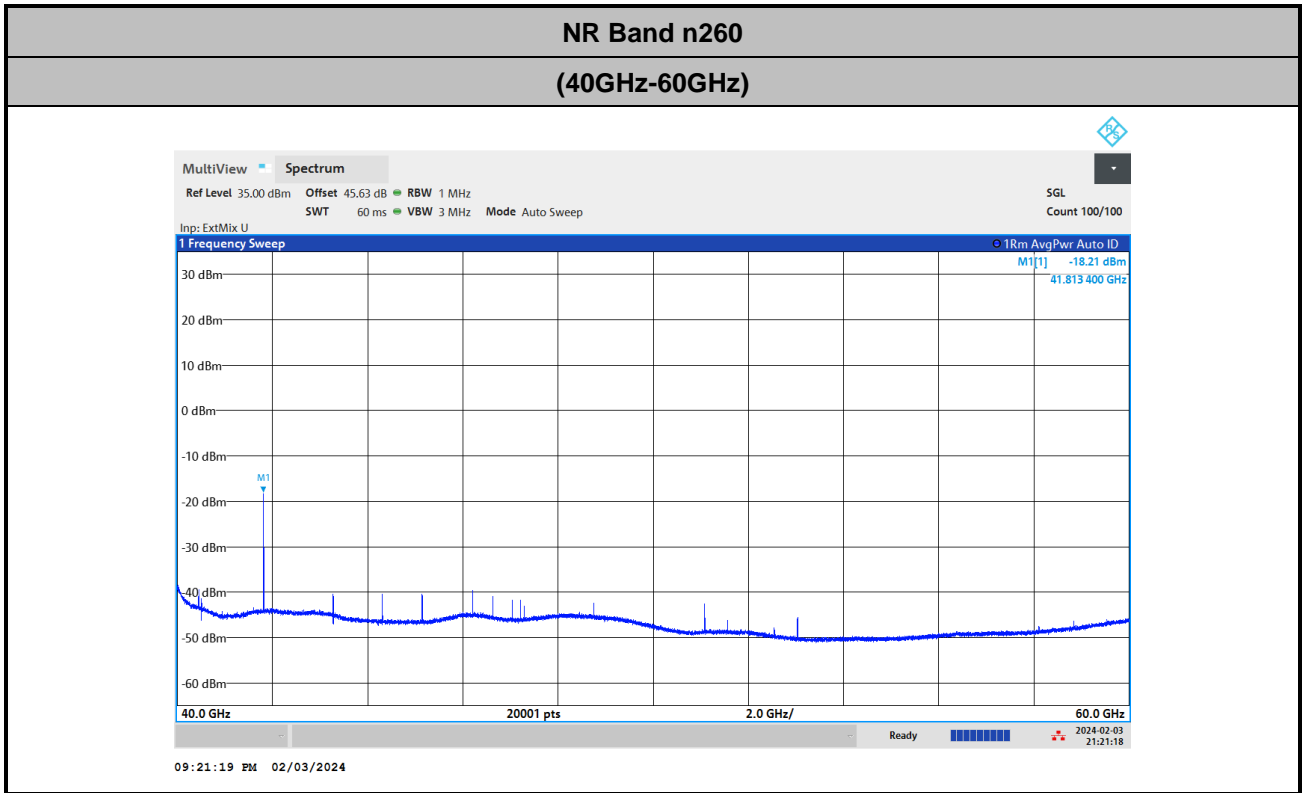
Remark: In band and out of band frequencies are omitted.



CP-OFDM Module 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.

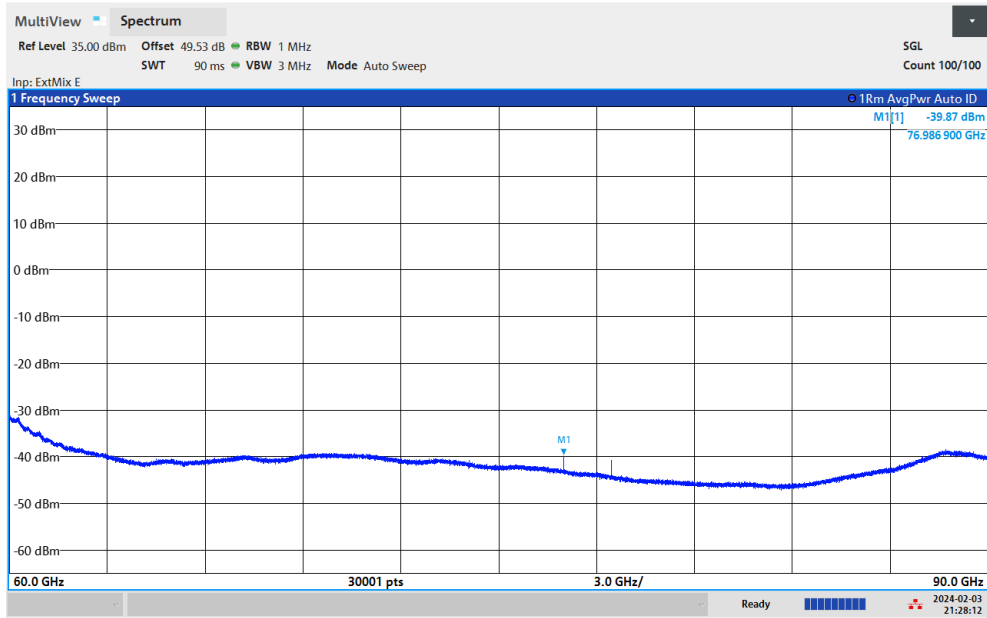


$$\text{Offset} = \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8$$
$$= 43 + 0.43 + 107 + 20\log(1) - 104.8 = 45.63(\text{dB})$$



NR Band n260

(60GHz-90GHz)

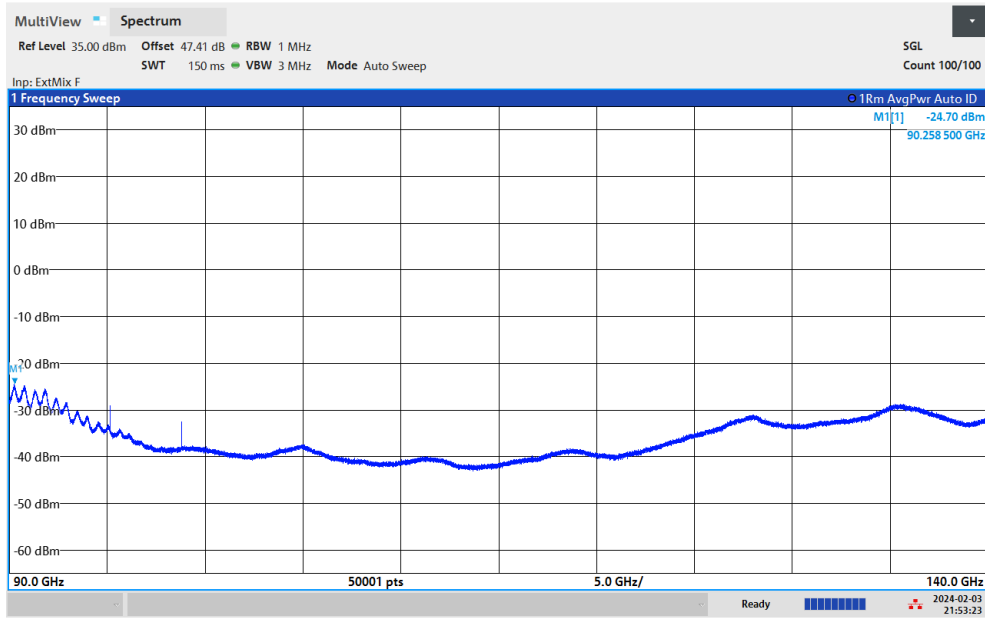


$$\begin{aligned} \text{Offset} &= \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 \\ &= 46.9 + 0.43 + 107 + 20\log(1) - 104.8 = 49.53 \text{ (dB)} \end{aligned}$$



NR Band n260

(90GHz-140GHz)



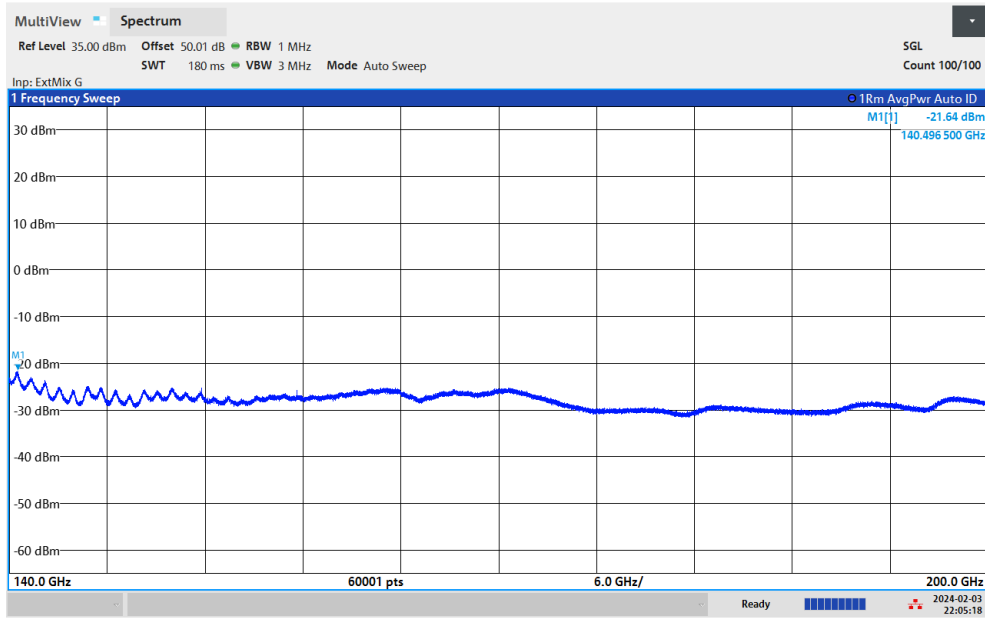
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$$\begin{aligned} \text{Offset} &= \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 \\ &= 50.80 + 0.43 + 107 + 20\log(0.5) - 104.8 = 47.41 \text{ (dB)} \end{aligned}$$



NR Band n260

(140GHz-200GHz)



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

$$= 53.4 + 0.43 + 107 + 20\log(0.5) - 104.8 = 50.01(\text{dB})$$



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	38.4998741	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 n261 Module A AGH+V

Occupied Bandwidth

Mode	DFT-s-OFDM Module A NR Band n261 : 99%OBW(MHz)								
	50MHz			100MHz			200MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	46.21	46.04	46.17	91.09	90.94	91.04	190.24	189.64	190.20
Middle CH	45.96	45.82	45.84	90.97	90.98	91.24	189.73	189.59	189.76
Highest CH	46.20	46.05	46.02	91.13	91.00	91.16	190.07	189.77	189.53

Mode	DFT-s-OFDM Module A NR Band n261 : 99%OBW(MHz)					
	300MHz			400MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	289.96	289.02	289.05	388.34	388.69	388.64
Middle CH	289.30	288.65	288.73	389.94	387.95	388.14
Highest CH	289.73	289.41	289.18	388.94	388.23	389.08

Mode	CP-OFDM Module A NR Band n261 : 99%OBW(MHz)		
	50MHz	100MHz	200MHz
Mod.	QPSK	QPSK	QPSK
Lowest CH	46.08	94.03	192.50
Middle CH	45.99	94.15	192.34
Highest CH	46.29	94.09	192.29

Mode	CP-OFDM Module A NR Band n261 : 99%OBW(MHz)	
	300MHz	400MHz
Mod.	QPSK	QPSK
Lowest CH	293.46	391.86
Middle CH	293.76	392.30
Highest CH	293.98	391.36