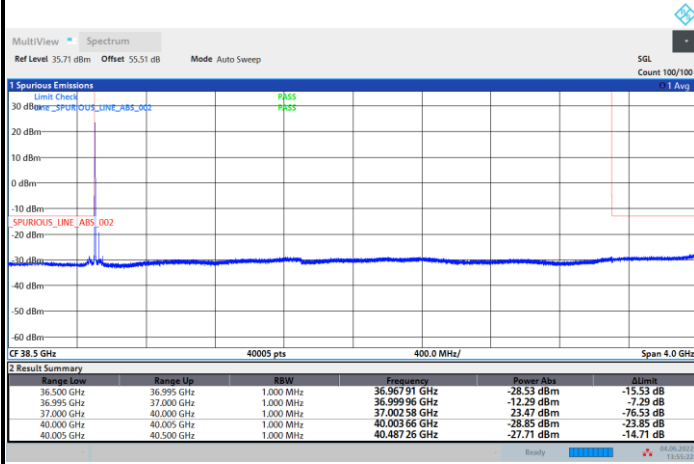




CP-OFDM Module 0

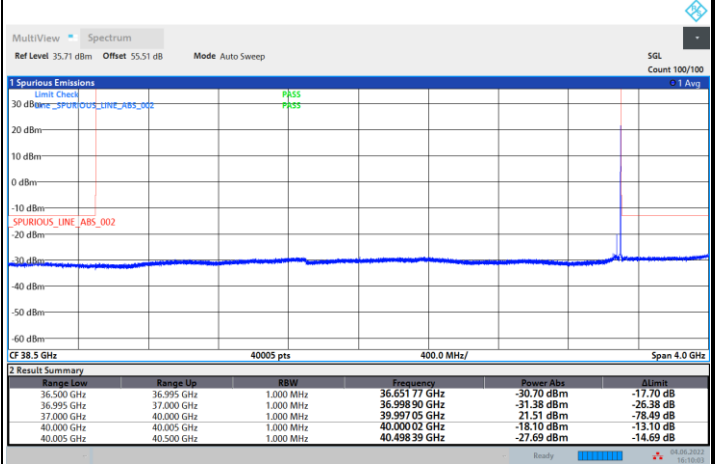
NR Band n260 / 50MHz / 64QAM

Lowest Band Edge / 1 RB



13:55:23 04.06.2022

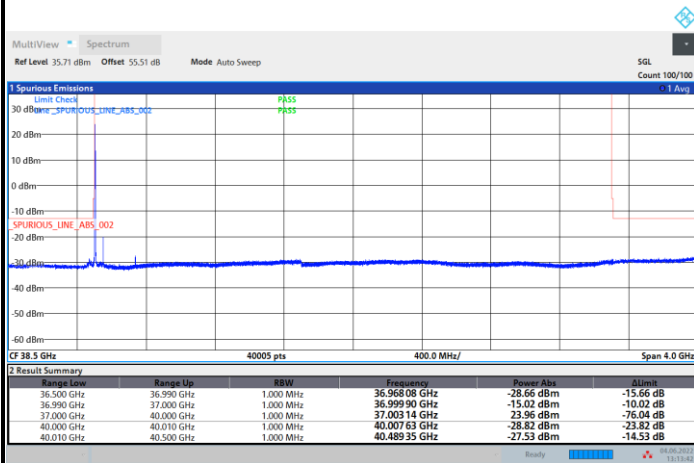
Highest Band Edge / 1 RB



16:10:03 04.06.2022

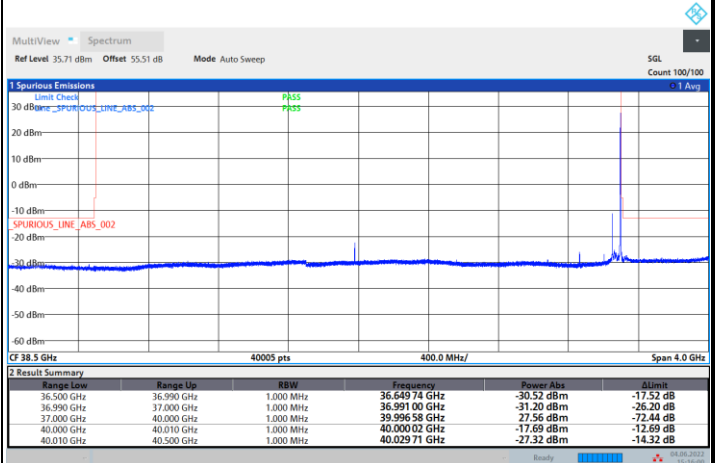
NR Band n260 / 100MHz / QPSK

Lowest Band Edge / 1 RB



13:13:43 04.06.2022

Highest Band Edge / 1 RB



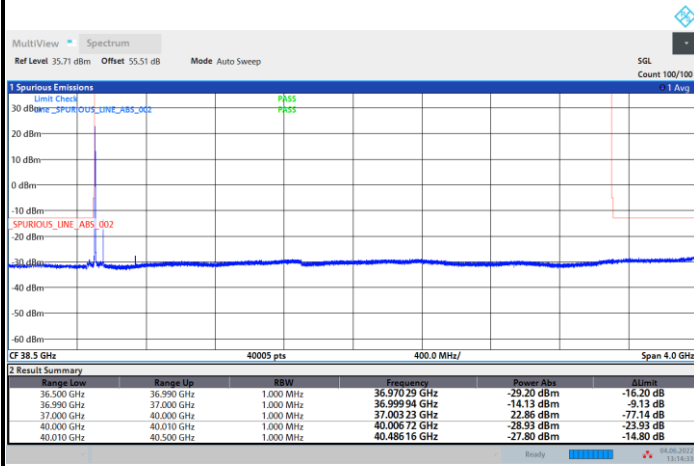
15:16:01 04.06.2022



CP-OFDM Module 0

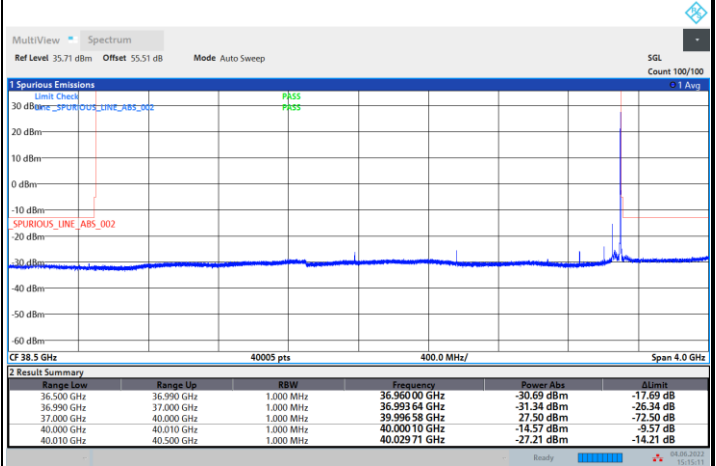
NR Band n260 / 100MHz / 16QAM

Lowest Band Edge / 1 RB



13:14:33 04.06.2022

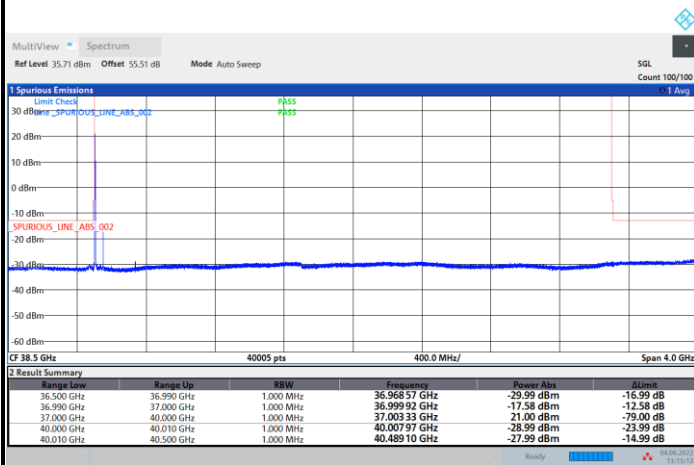
Highest Band Edge / 1 RB



15:15:11 04.06.2022

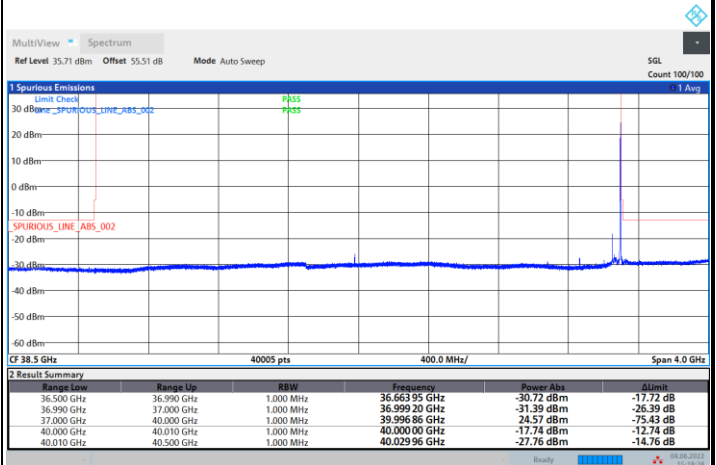
NR Band n260 / 100MHz / 64QAM

Lowest Band Edge / 1 RB



13:15:13 04.06.2022

Highest Band Edge / 1 RB



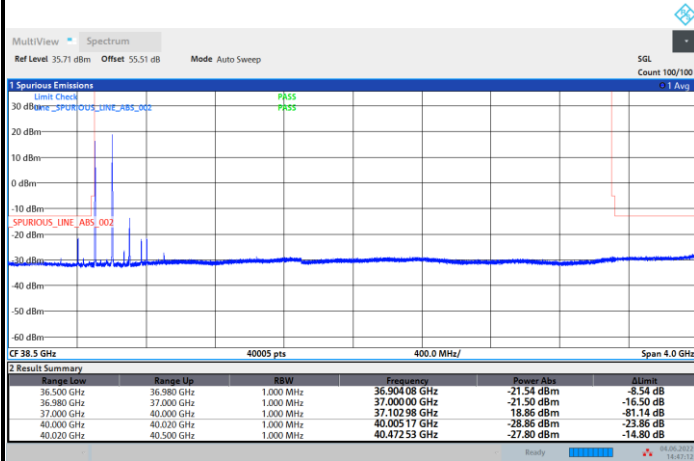
15:18:28 04.06.2022



CP-OFDM Module 0

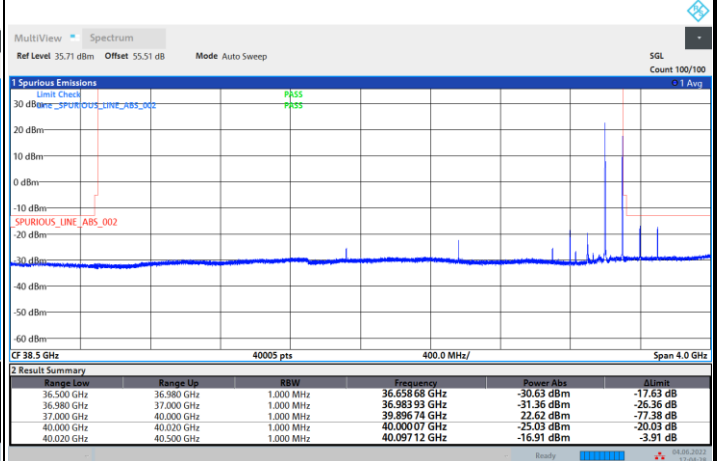
NR Band n260 / 200MHz / QPSK

Lowest Band Edge / 1 RB



14:47:13 04.06.2022

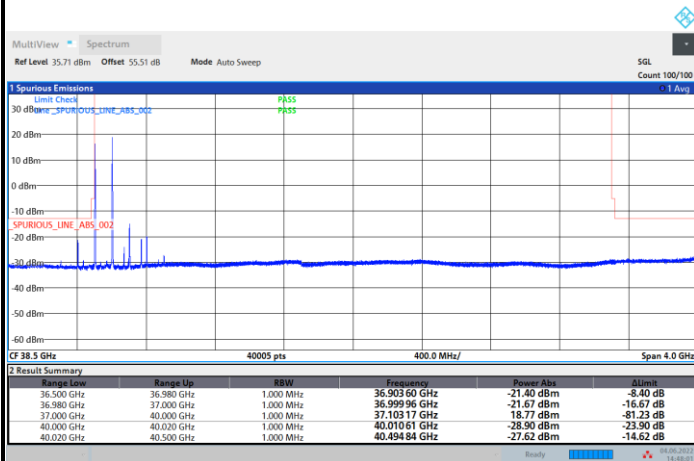
Highest Band Edge / 1 RB



17:04:28 04.06.2022

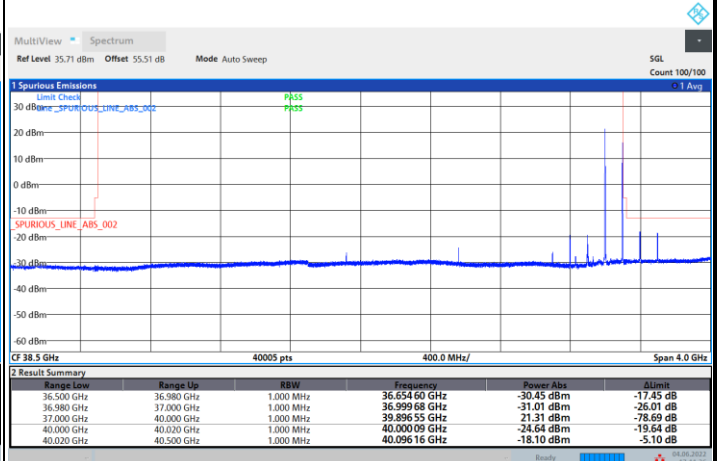
NR Band n260 / 200MHz / 16QAM

Lowest Band Edge / 1 RB



14:48:02 04.06.2022

Highest Band Edge / 1 RB



17:11:36 04.06.2022

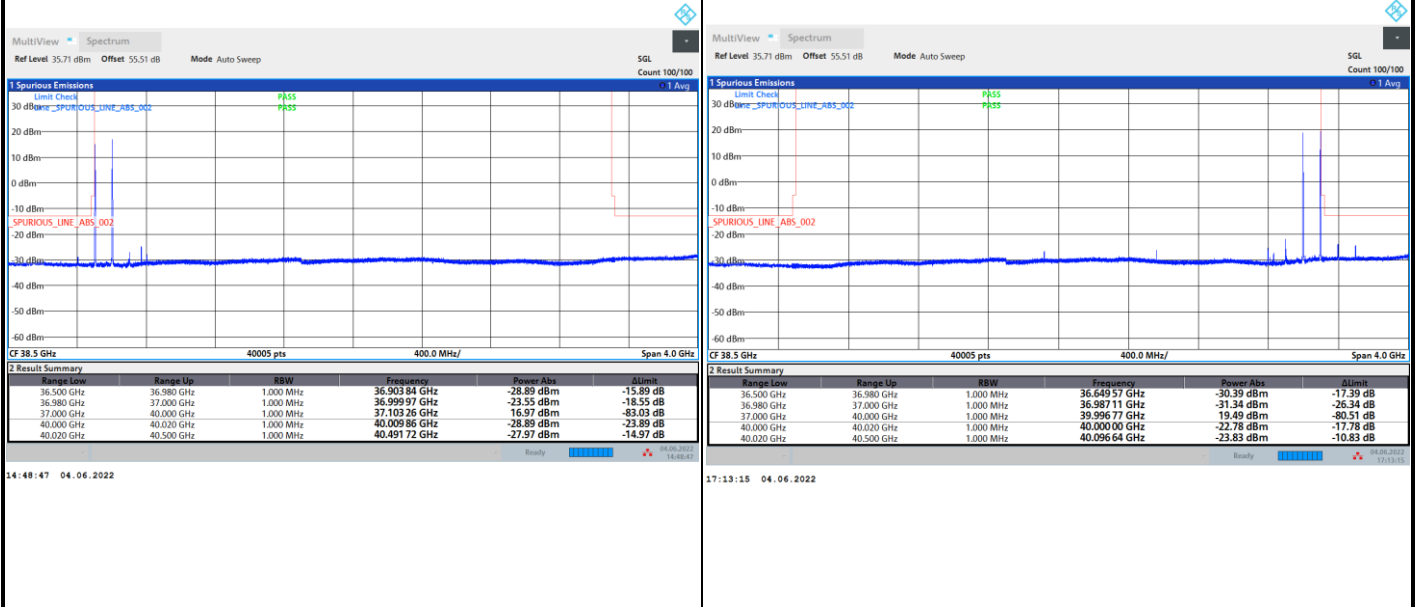


CP-OFDM Module 0

NR Band n260 / 200MHz / 64QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

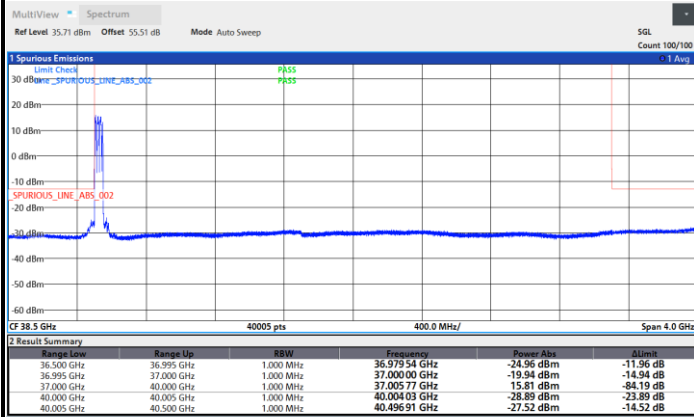




DFT-s-OFDM Module 0

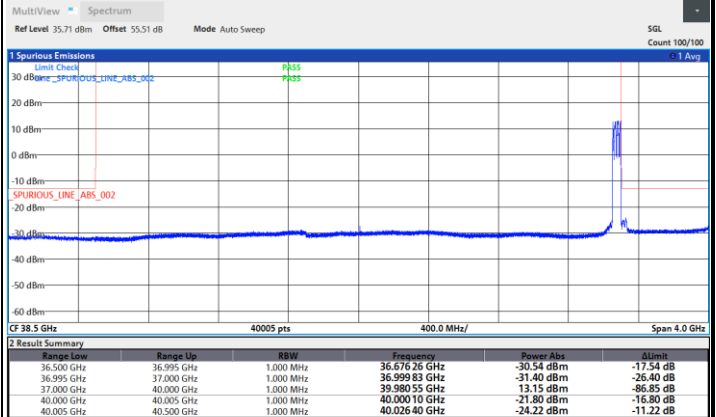
NR Band n260 / 50MHz / BPSK

Lowest Band Edge / Full RB



13:48:11 04.06.2022

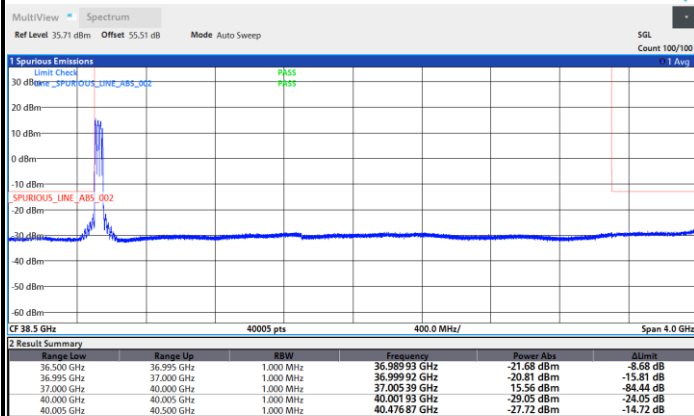
Highest Band Edge / Full RB



16:02:06 04.06.2022

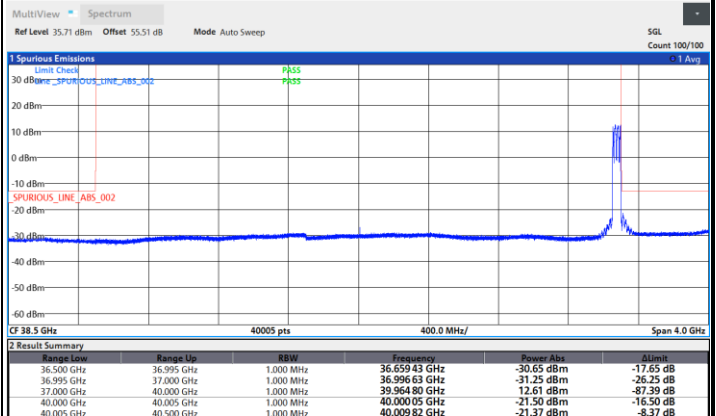
NR Band n260 / 50MHz / QPSK

Lowest Band Edge / Full RB



13:39:48 04.06.2022

Highest Band Edge / Full RB



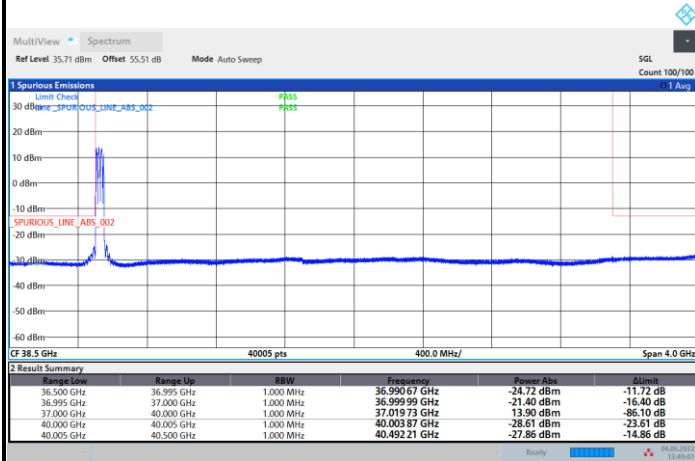
16:02:50 04.06.2022



DFT-s-OFDM Module 0

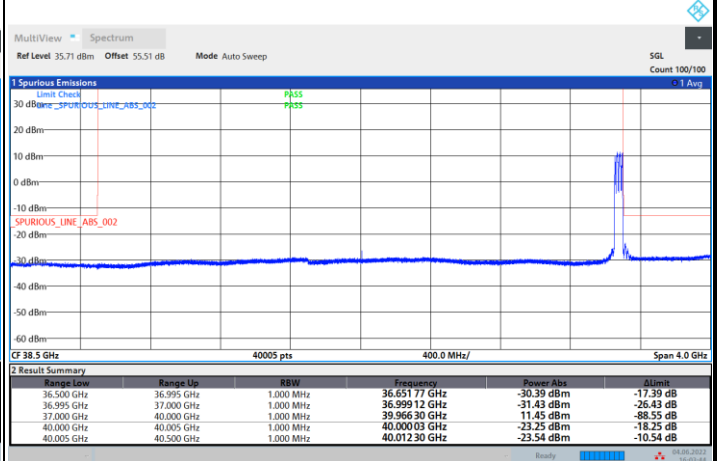
NR Band n260 / 50MHz / 16QAM

Lowest Band Edge / Full RB



13:49:07 04.06.2022

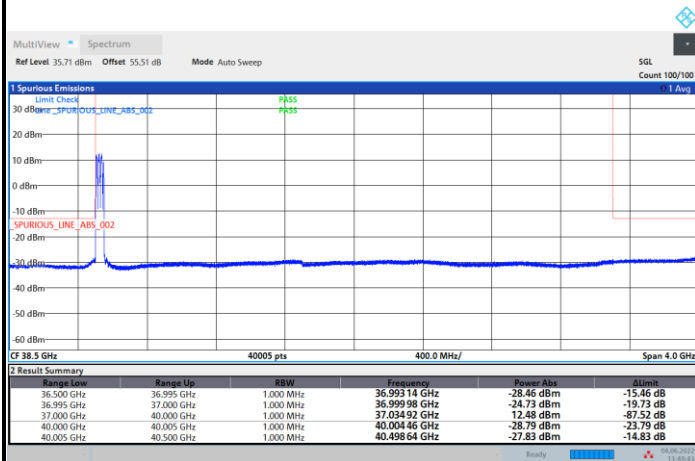
Highest Band Edge / Full RB



16:03:44 04.06.2022

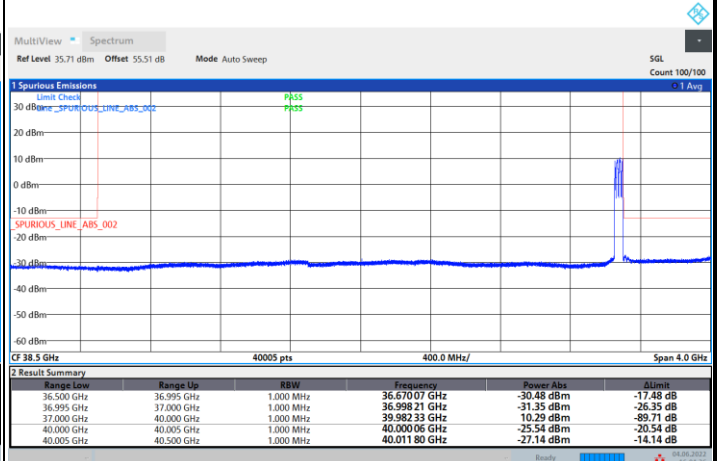
NR Band n260 / 50MHz / 64QAM

Lowest Band Edge / Full RB



13:49:44 04.06.2022

Highest Band Edge / Full RB



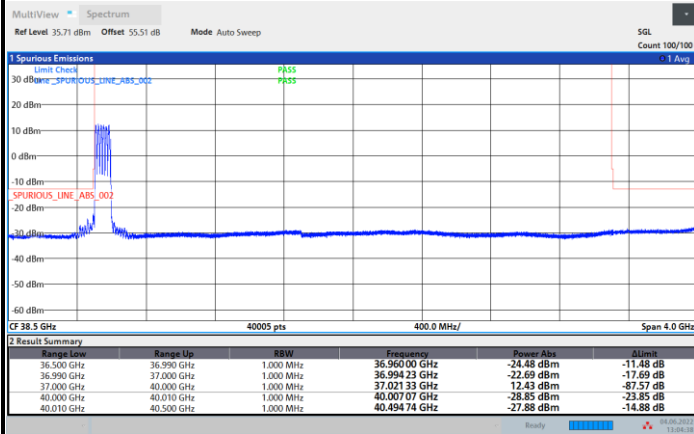
16:04:27 04.06.2022



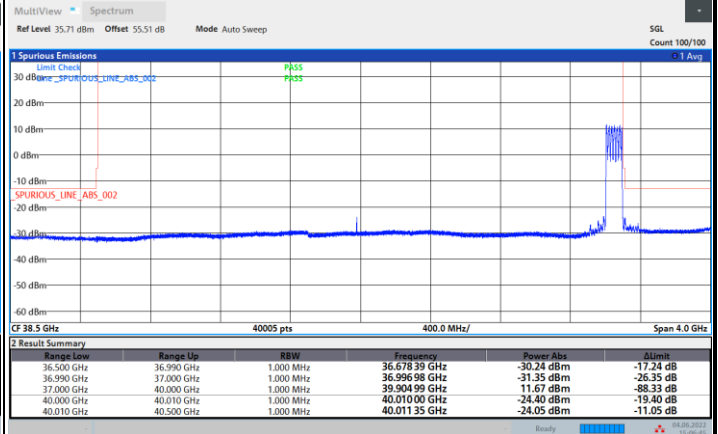
DFT-s-OFDM Module 0

NR Band n260 / 100MHz / BPSK

Lowest Band Edge / Full RB

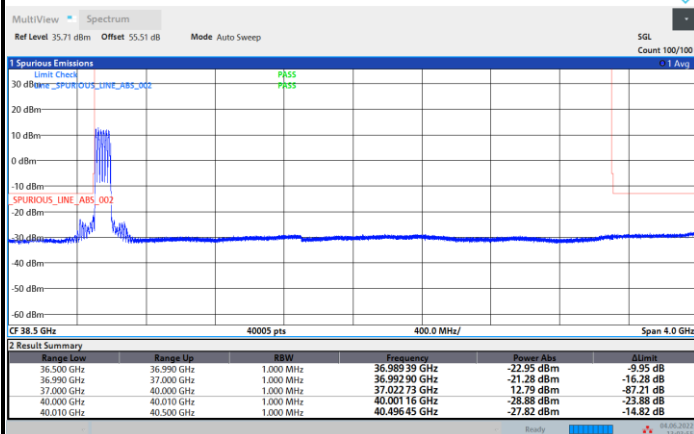


Highest Band Edge / Full RB

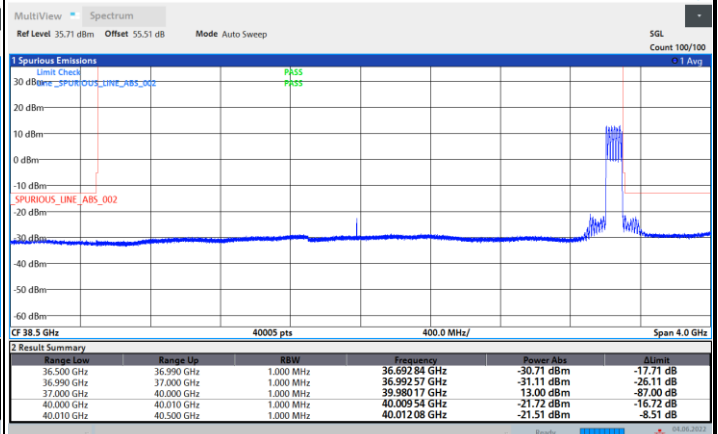


NR Band n260 / 100MHz / QPSK

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

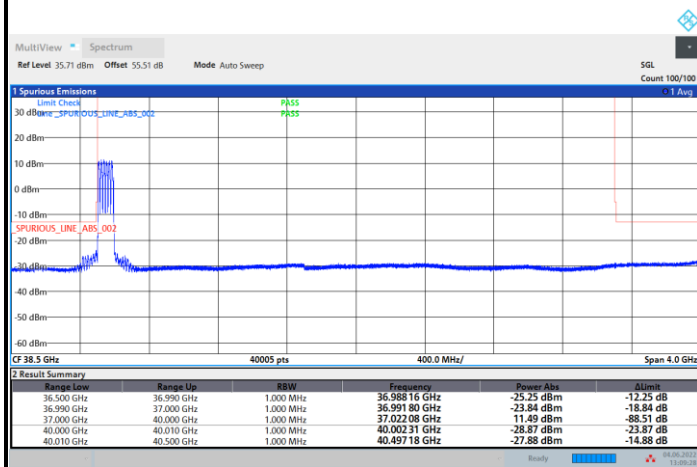




DFT-s-OFDM Module 0

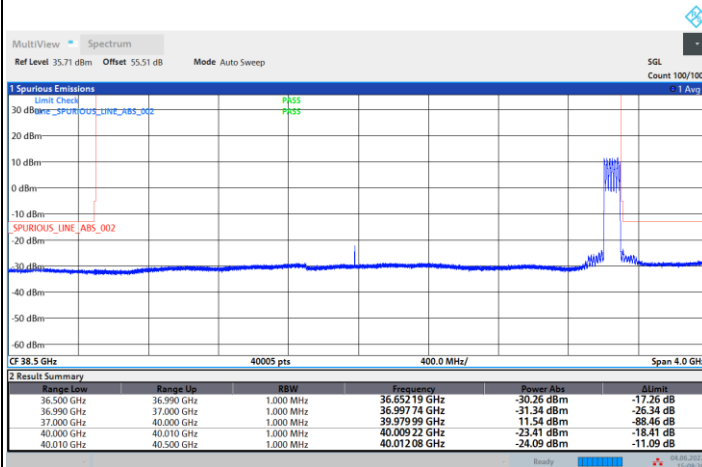
NR Band n260 / 100MHz / 16QAM

Lowest Band Edge / Full RB



13:09:29 04.06.2022

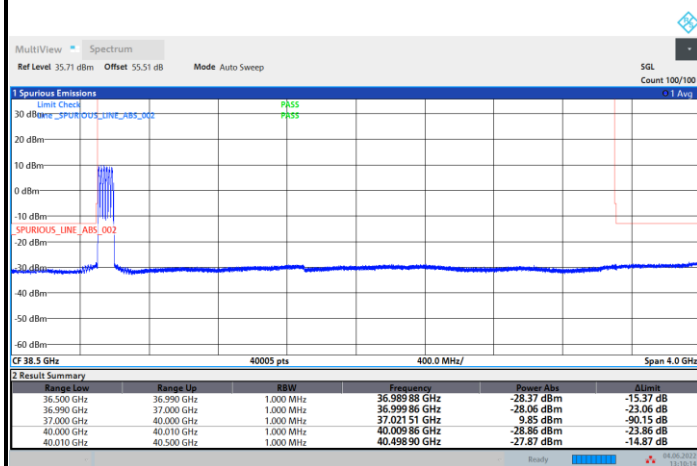
Highest Band Edge / Full RB



15:08:27 04.06.2022

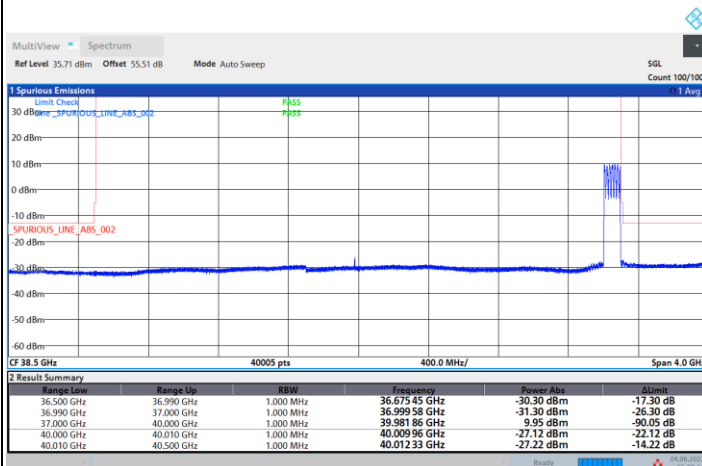
NR Band n260 / 100MHz / 64QAM

Lowest Band Edge / Full RB



13:10:14 04.06.2022

Highest Band Edge / Full RB



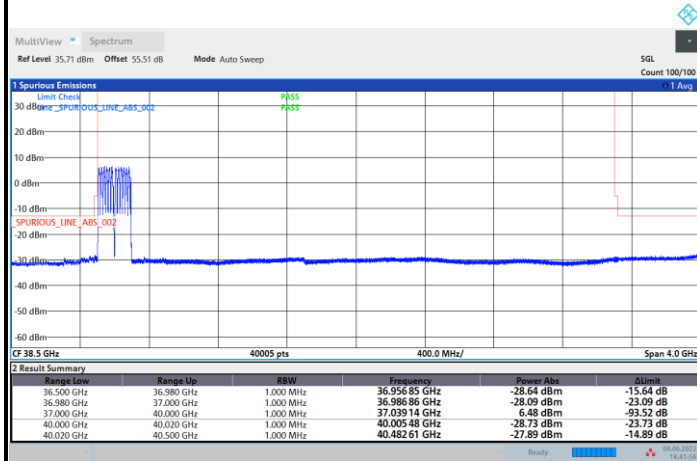
15:09:35 04.06.2022



DFT-s-OFDM Module 0

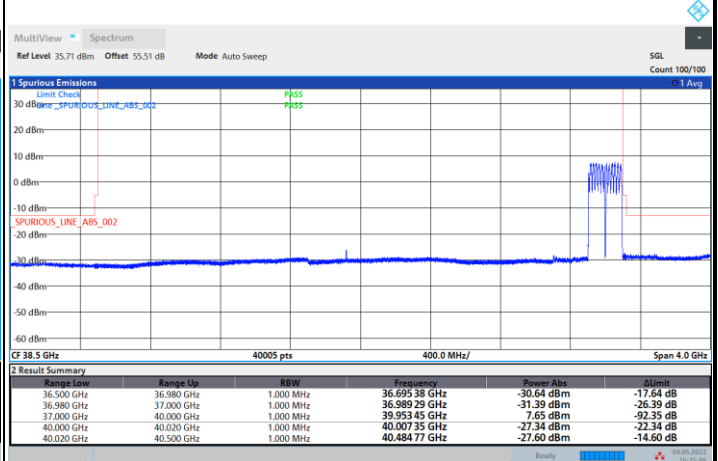
NR Band n260 / 200MHz / BPSK

Lowest Band Edge / Full RB



14:41:16 04.06.2022

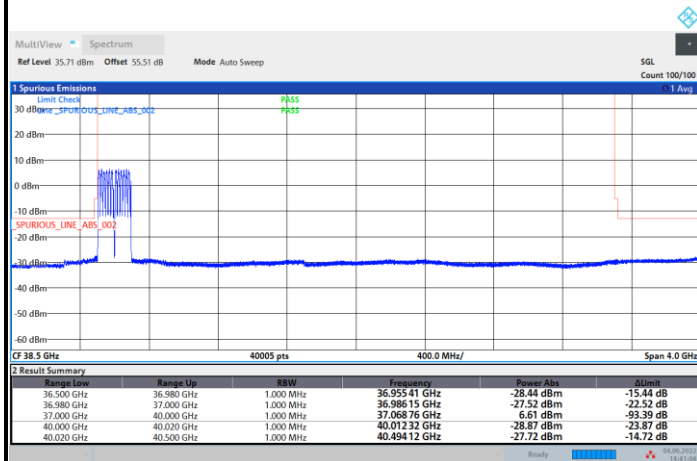
Highest Band Edge / Full RB



16:25:46 04.06.2022

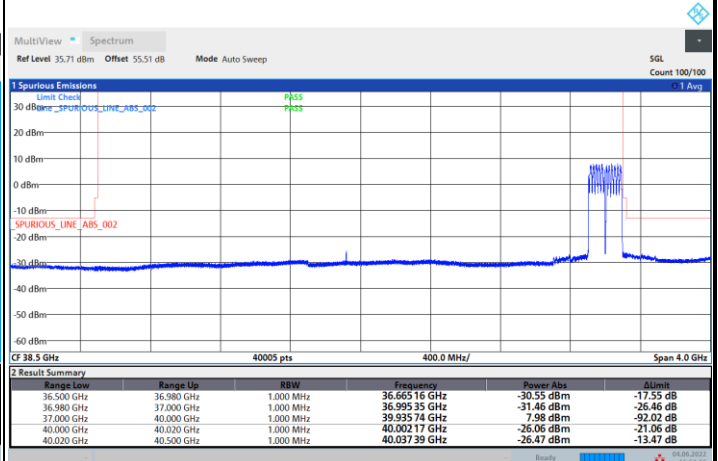
NR Band n260 / 200MHz / QPSK

Lowest Band Edge / Full RB



14:41:08 04.06.2022

Highest Band Edge / Full RB



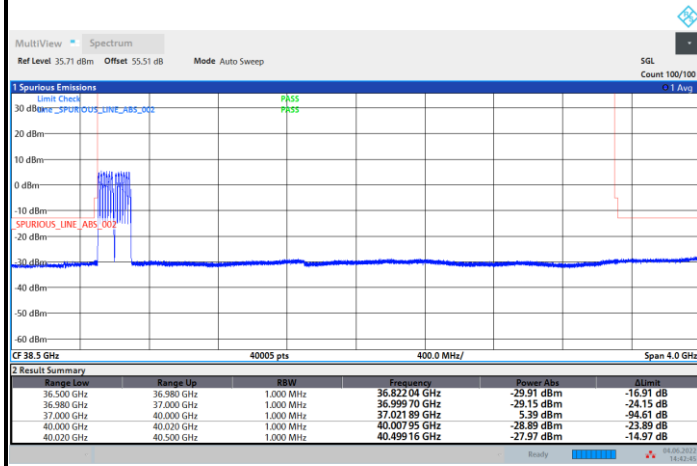
16:54:17 04.06.2022



DFT-s-OFDM Module 0

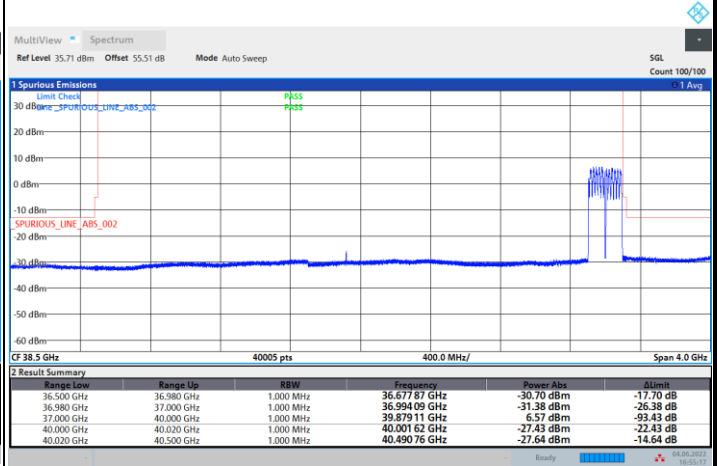
NR Band n260 / 200MHz / 16QAM

Lowest Band Edge / Full RB



14:42:46 04.06.2022

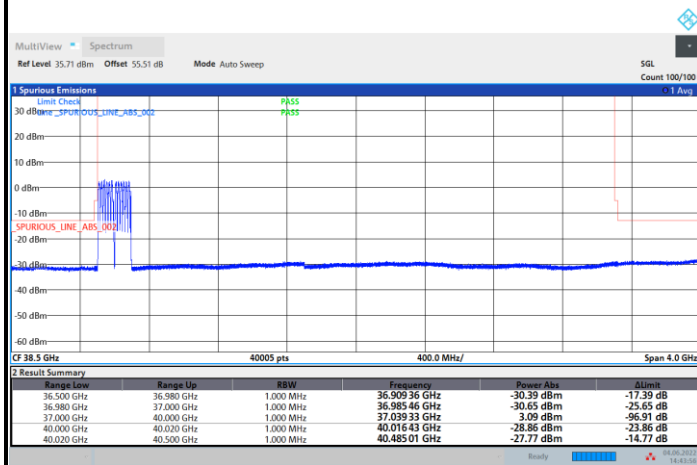
Highest Band Edge / Full RB



16:55:18 04.06.2022

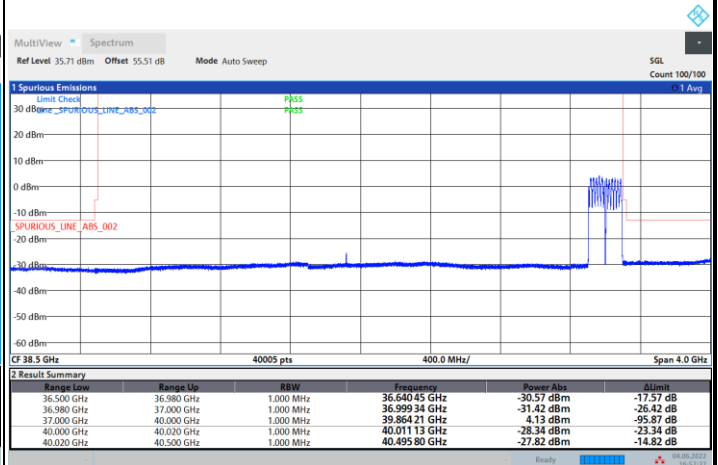
NR Band n260 / 200MHz / 64QAM

Lowest Band Edge / Full RB



14:43:57 04.06.2022

Highest Band Edge / Full RB



16:57:37 04.06.2022

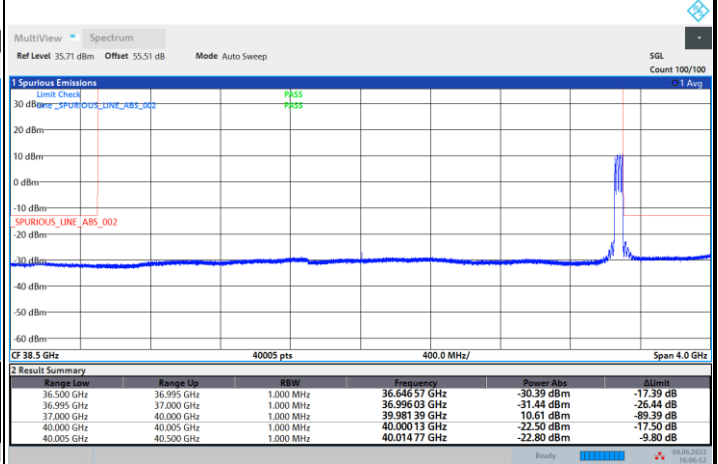
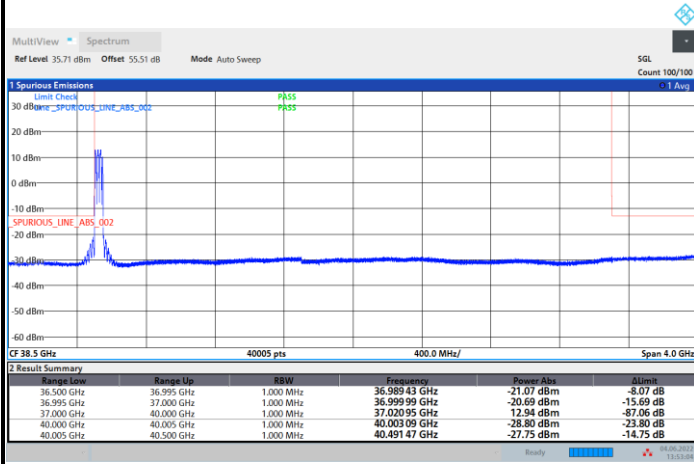


CP-OFDM Module 0

NR Band n260 / 50MHz / QPSK

Lowest Band Edge / Full RB

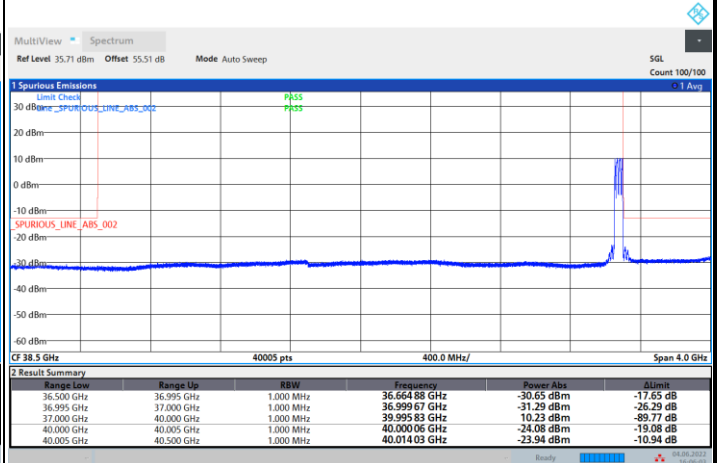
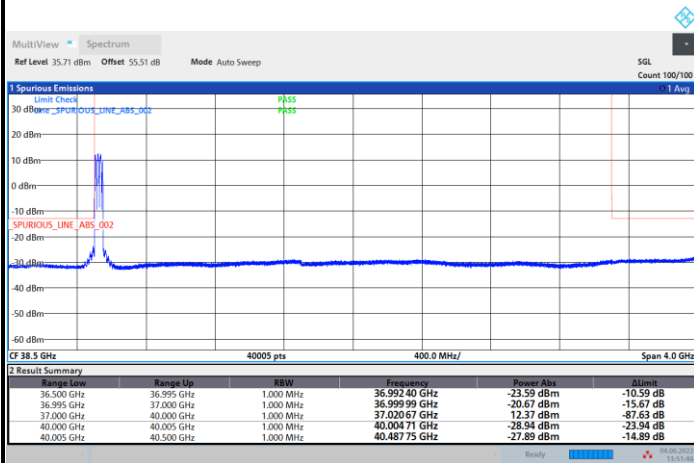
Highest Band Edge / Full RB



NR Band n260 / 50MHz / 16QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

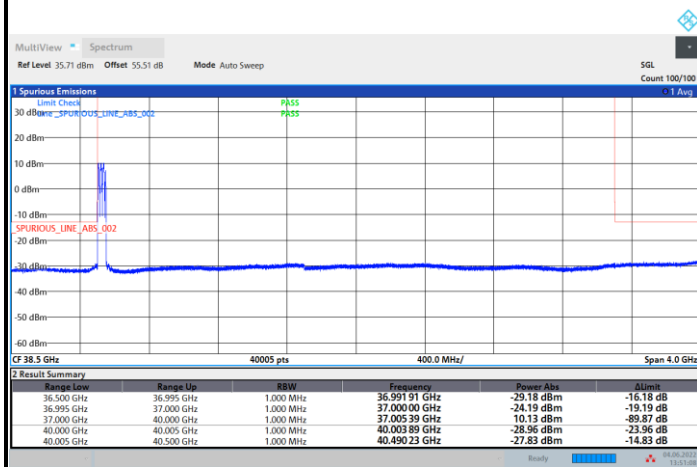




CP-OFDM Module 0

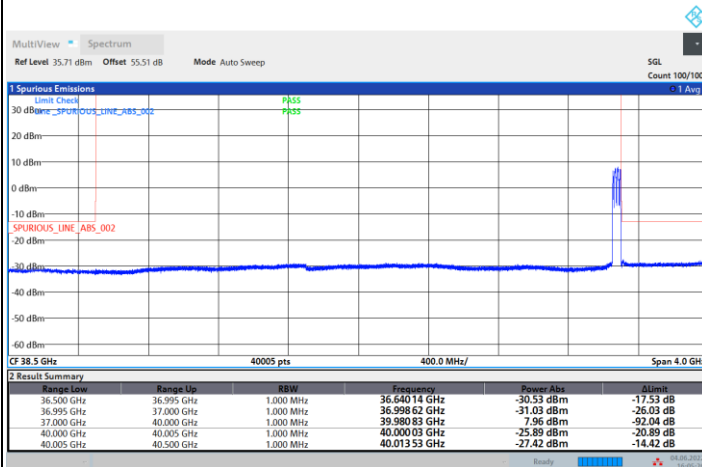
NR Band n260 / 50MHz / 64QAM

Lowest Band Edge / Full RB



13:51:08 04.06.2022

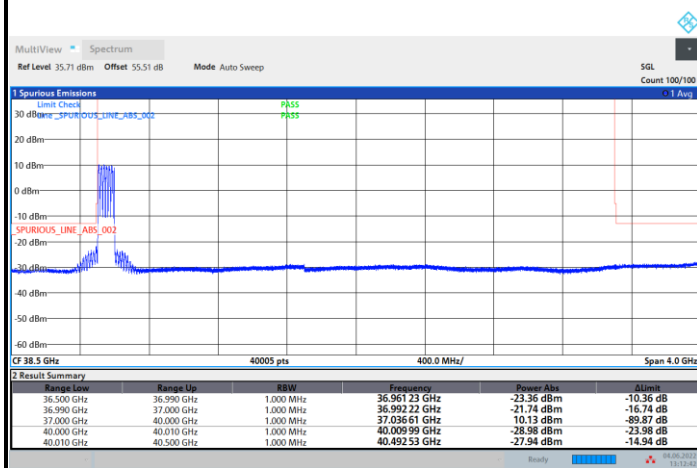
Highest Band Edge / Full RB



16:05:26 04.06.2022

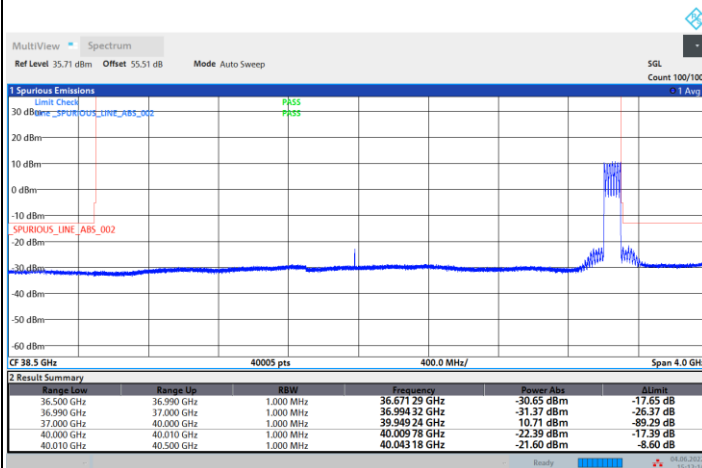
NR Band n260 / 100MHz / QPSK

Lowest Band Edge / Full RB



13:12:42 04.06.2022

Highest Band Edge / Full RB



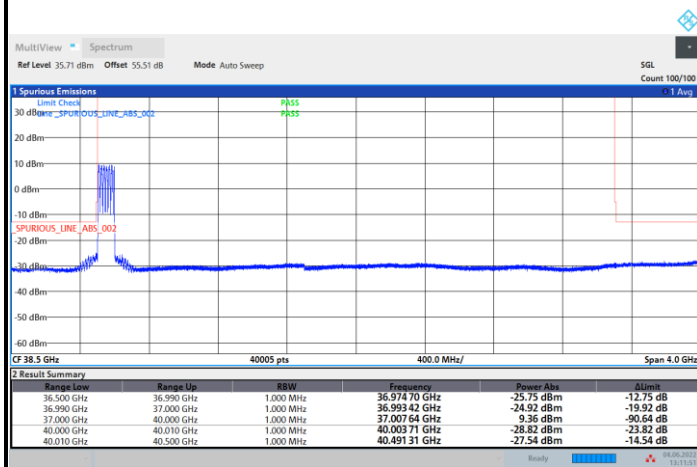
15:12:15 04.06.2022



CP-OFDM Module 0

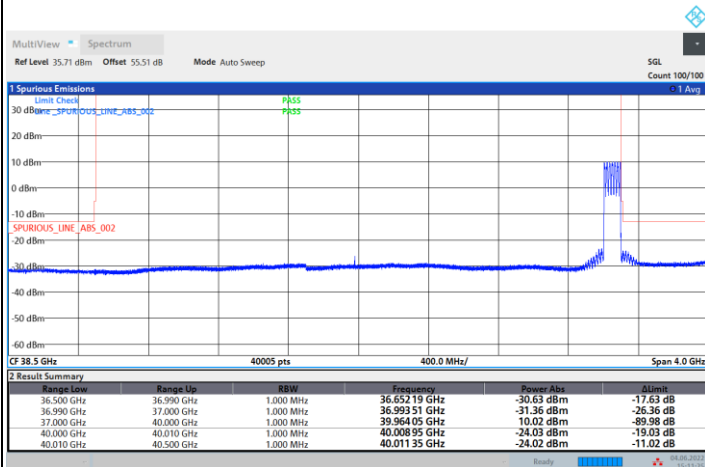
NR Band n260 / 100MHz / 16QAM

Lowest Band Edge / Full RB



13:11:51 04.06.2022

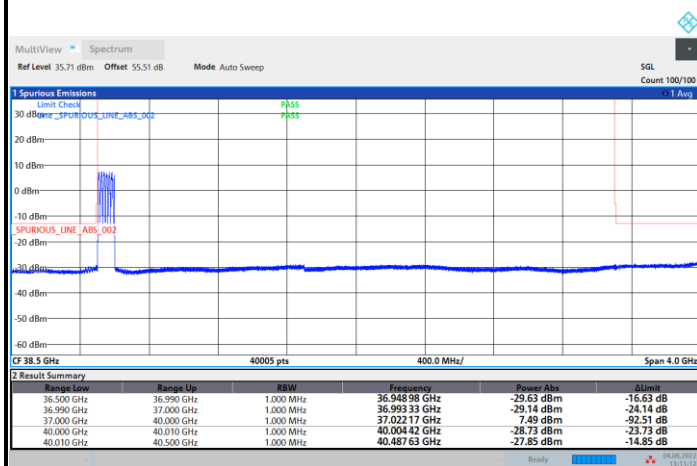
Highest Band Edge / Full RB



15:11:26 04.06.2022

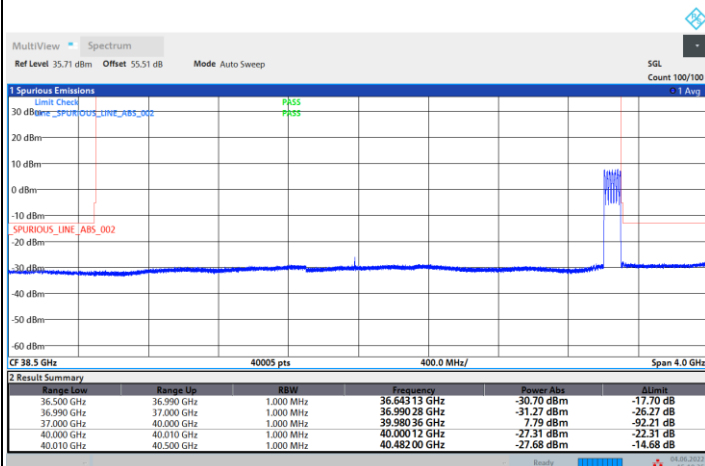
NR Band n260 / 100MHz / 64QAM

Lowest Band Edge / Full RB



13:11:13 04.06.2022

Highest Band Edge / Full RB



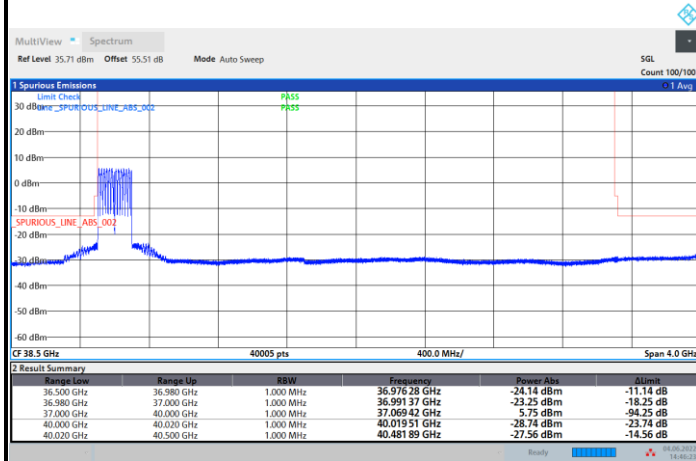
15:10:26 04.06.2022



CP-OFDM Module 0

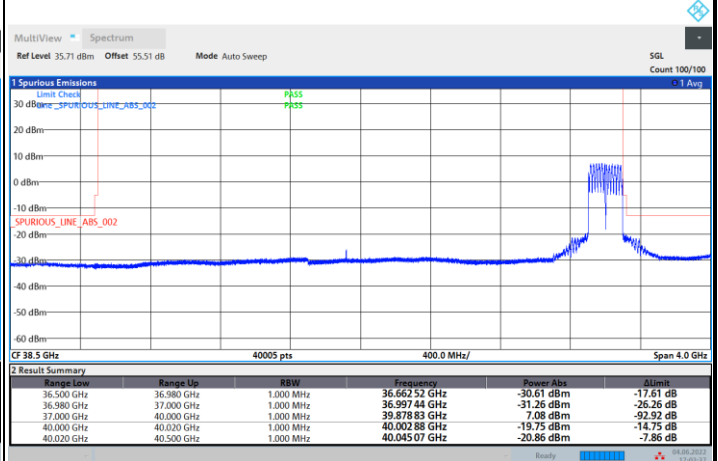
NR Band n260 / 200MHz / QPSK

Lowest Band Edge / Full RB



14:46:23 04.06.2022

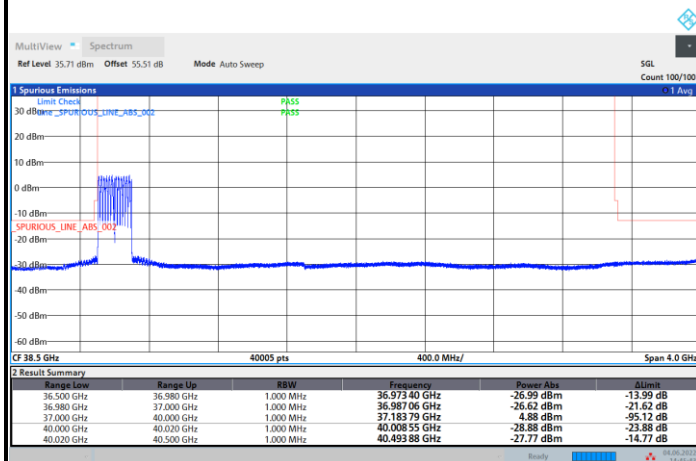
Highest Band Edge / Full RB



17:03:38 04.06.2022

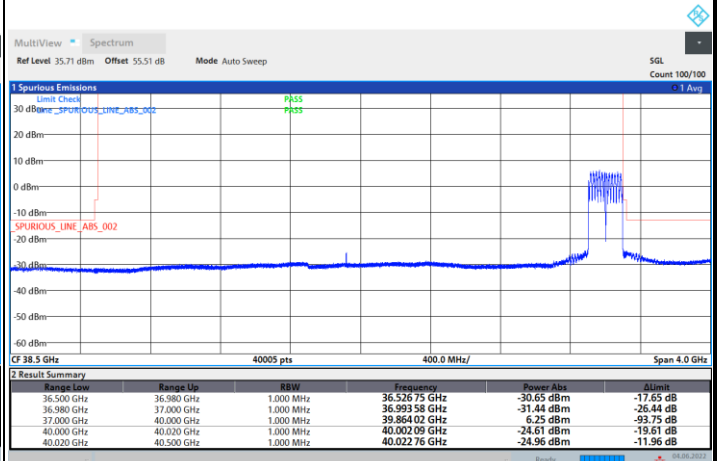
NR Band n260 / 200MHz / 16QAM

Lowest Band Edge / Full RB



14:45:43 04.06.2022

Highest Band Edge / Full RB



17:02:30 04.06.2022

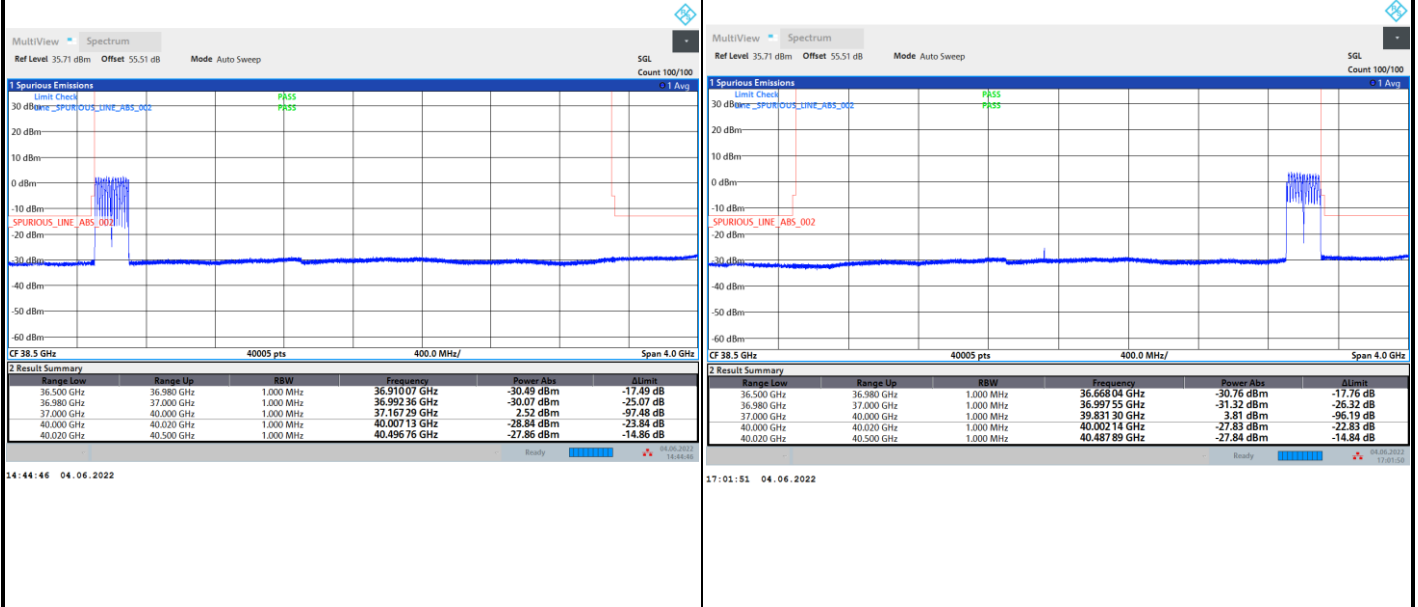


CP-OFDM Module 0

NR Band n260 / 200MHz / 64QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB





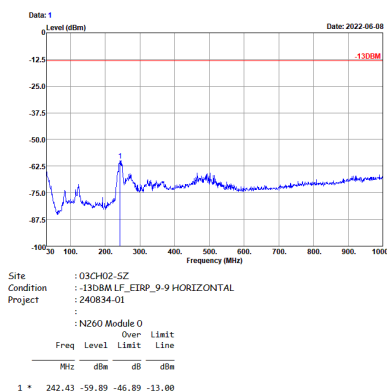
Spurious Emission

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

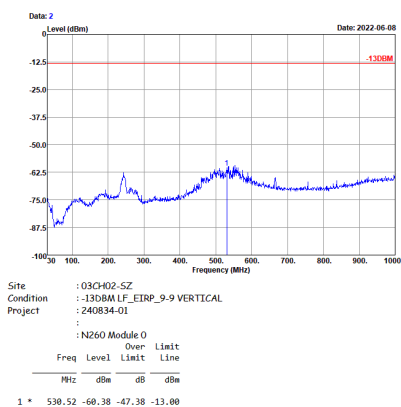
Only the noise floor is reported.

NR Band n260 (30MHz-1GHz)

Horizontal



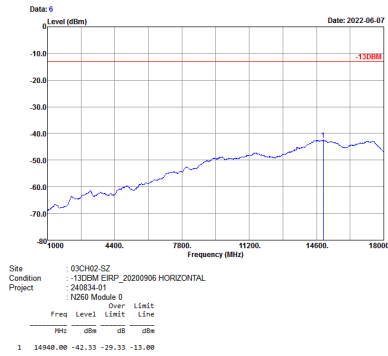
Vertical



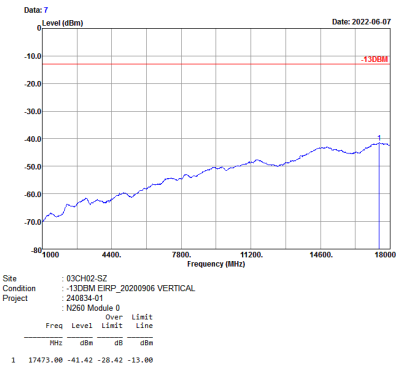


NR Band n260 (1GHz-18GHz)

Horizontal



Vertical





Spurious emission between 18GHz to 36.5GHz worst case plot is reported as following.

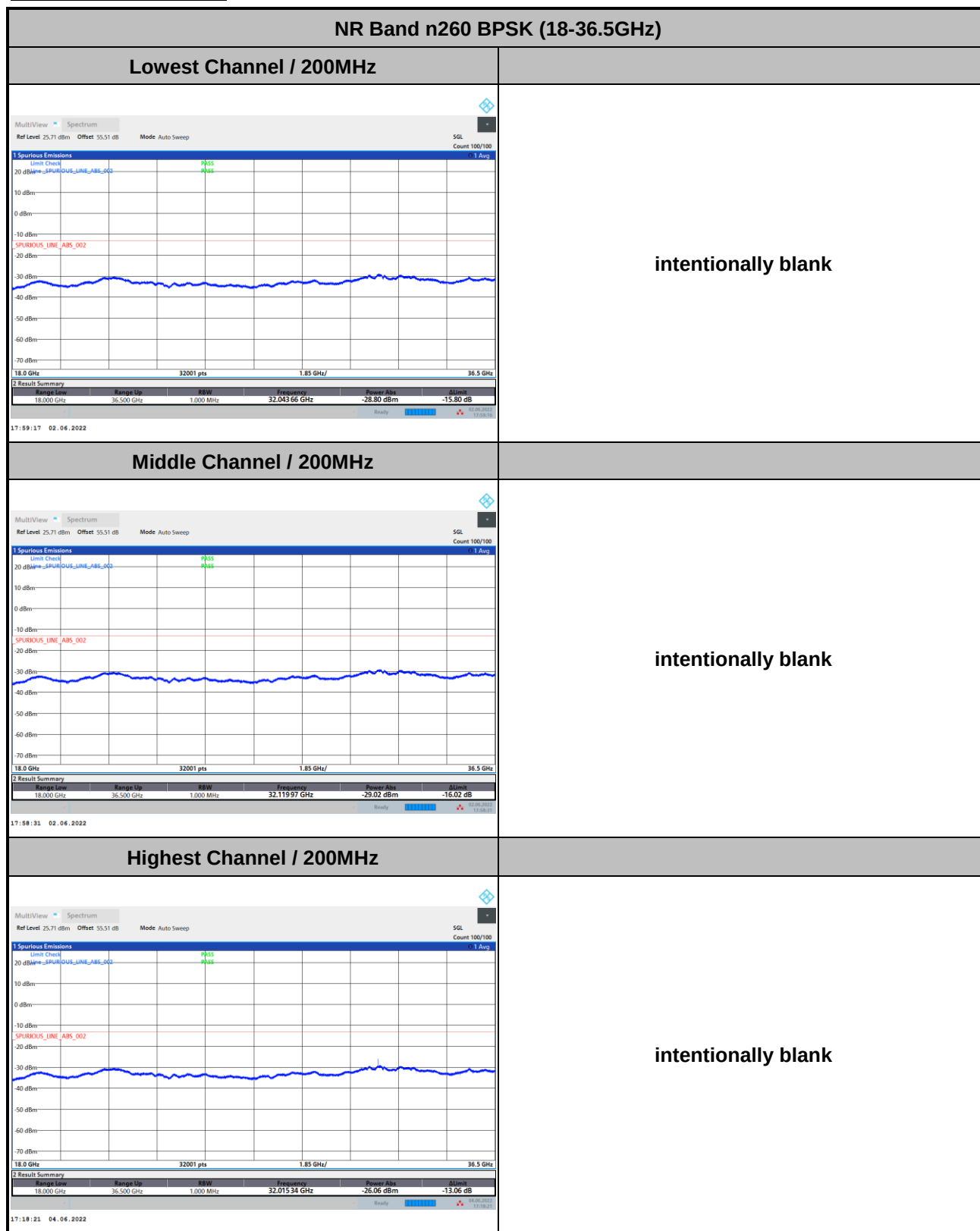
DFT-s-OFDM Module 0



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



DFT-s-OFDM Module 0



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



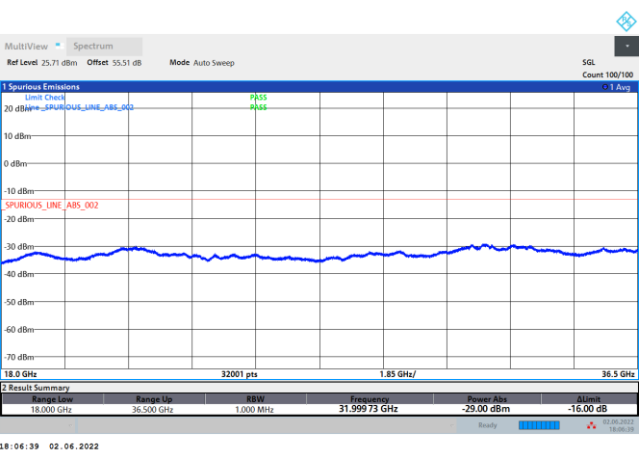
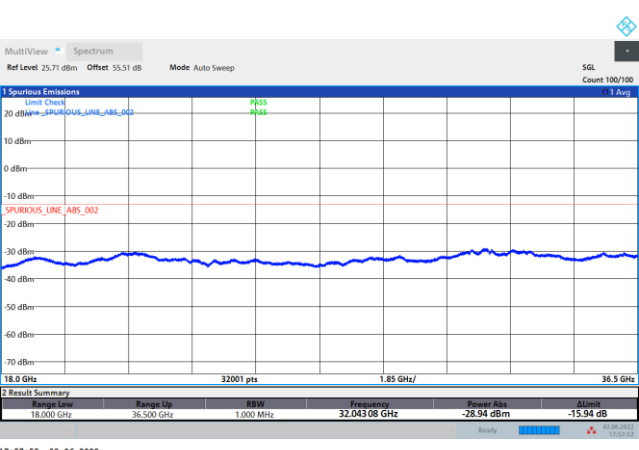
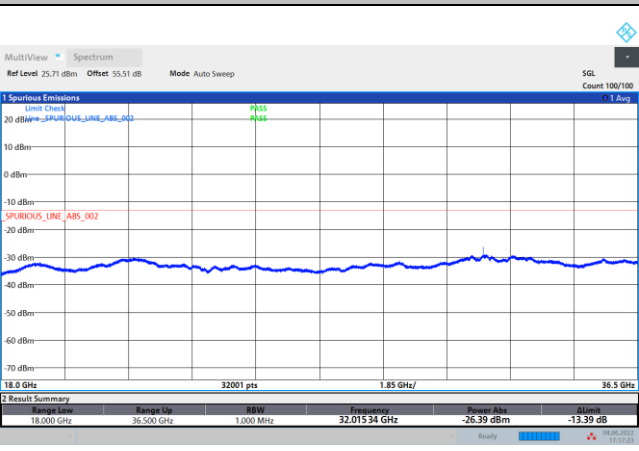
DFT-s-OFDM Module 0



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



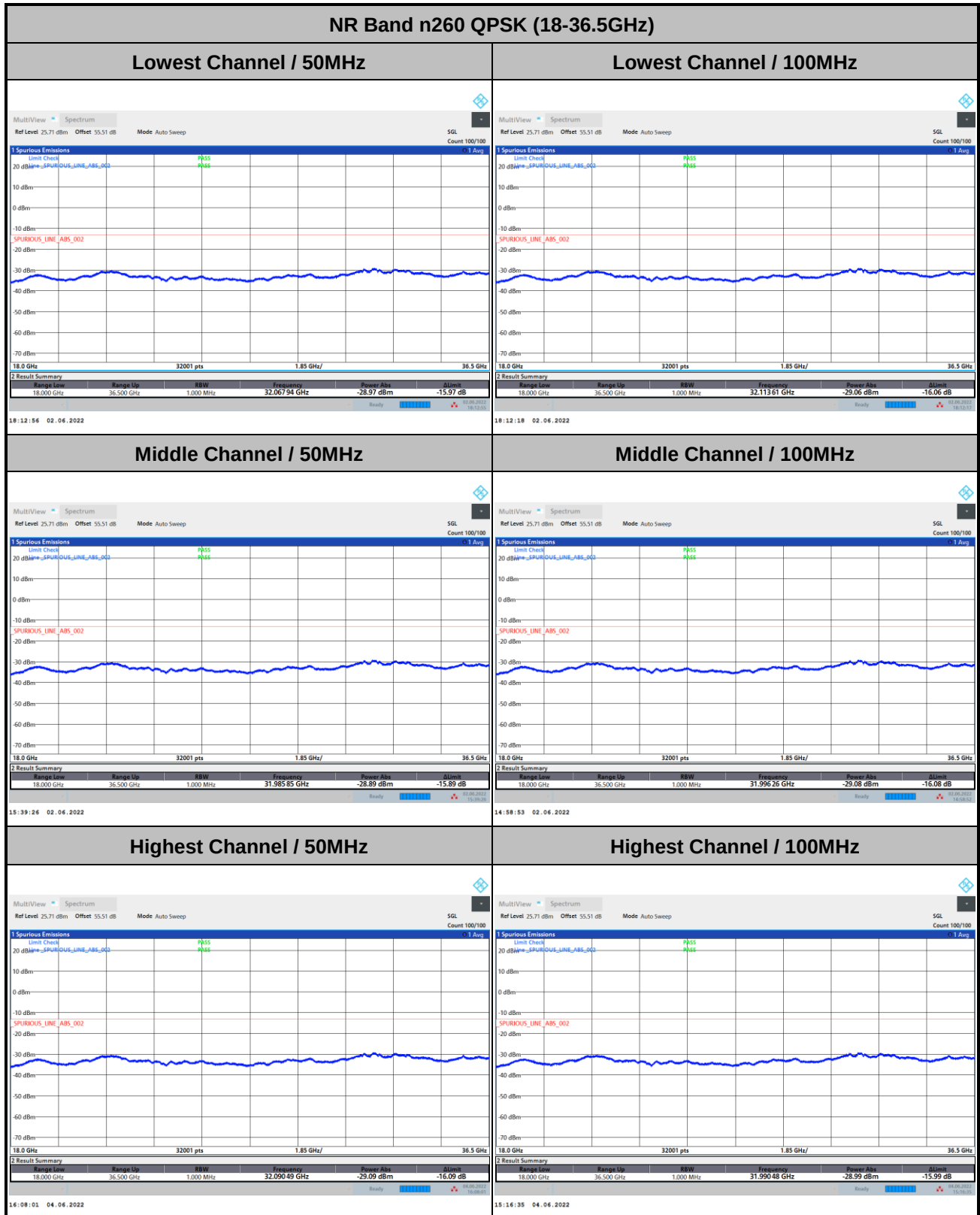
DFT-s-OFDM Module 0

NR Band n260 QPSK (18-36.5GHz)	
Lowest Channel / 200MHz  intentionally blank	
Middle Channel / 200MHz  intentionally blank	
Highest Channel / 200MHz  intentionally blank	

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



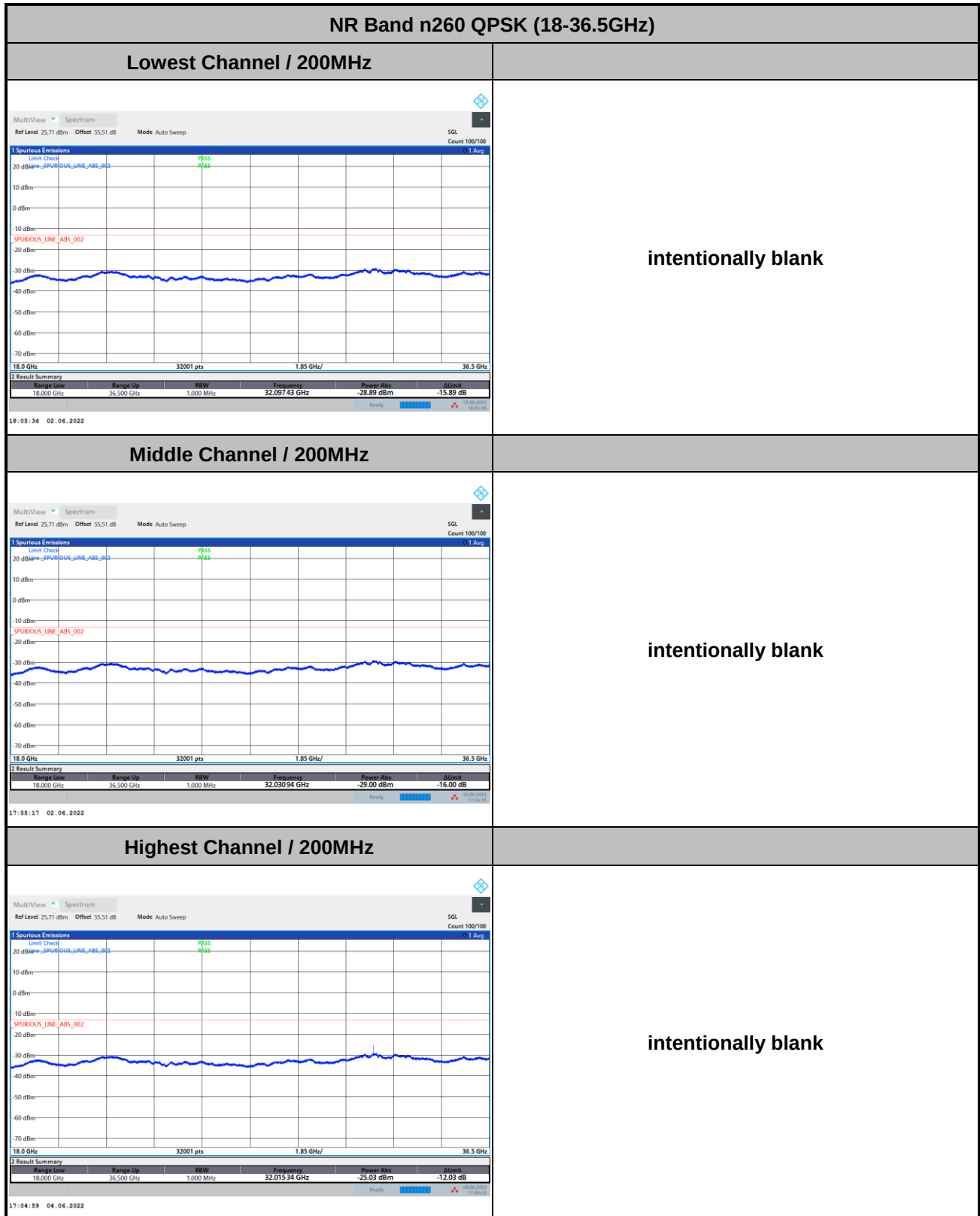
CP-OFDM Module 0



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

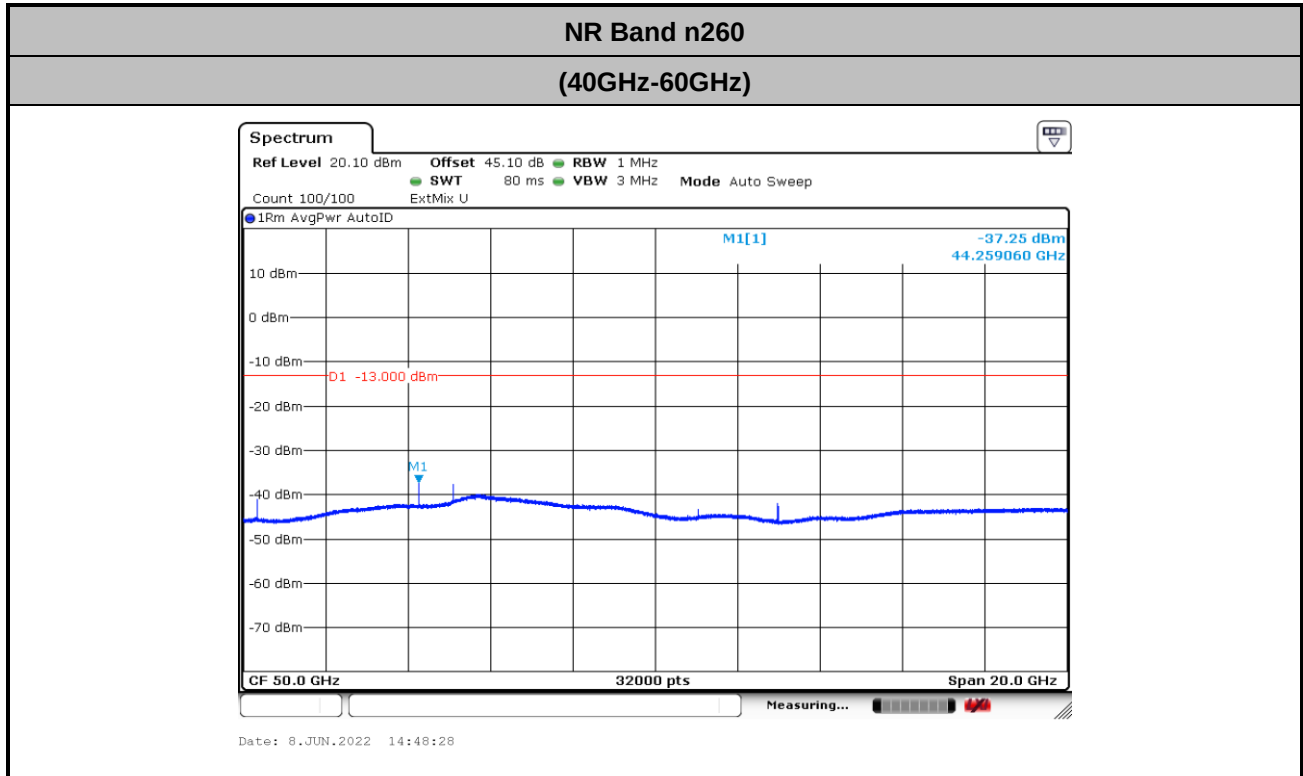


CP-OFDM Module 0

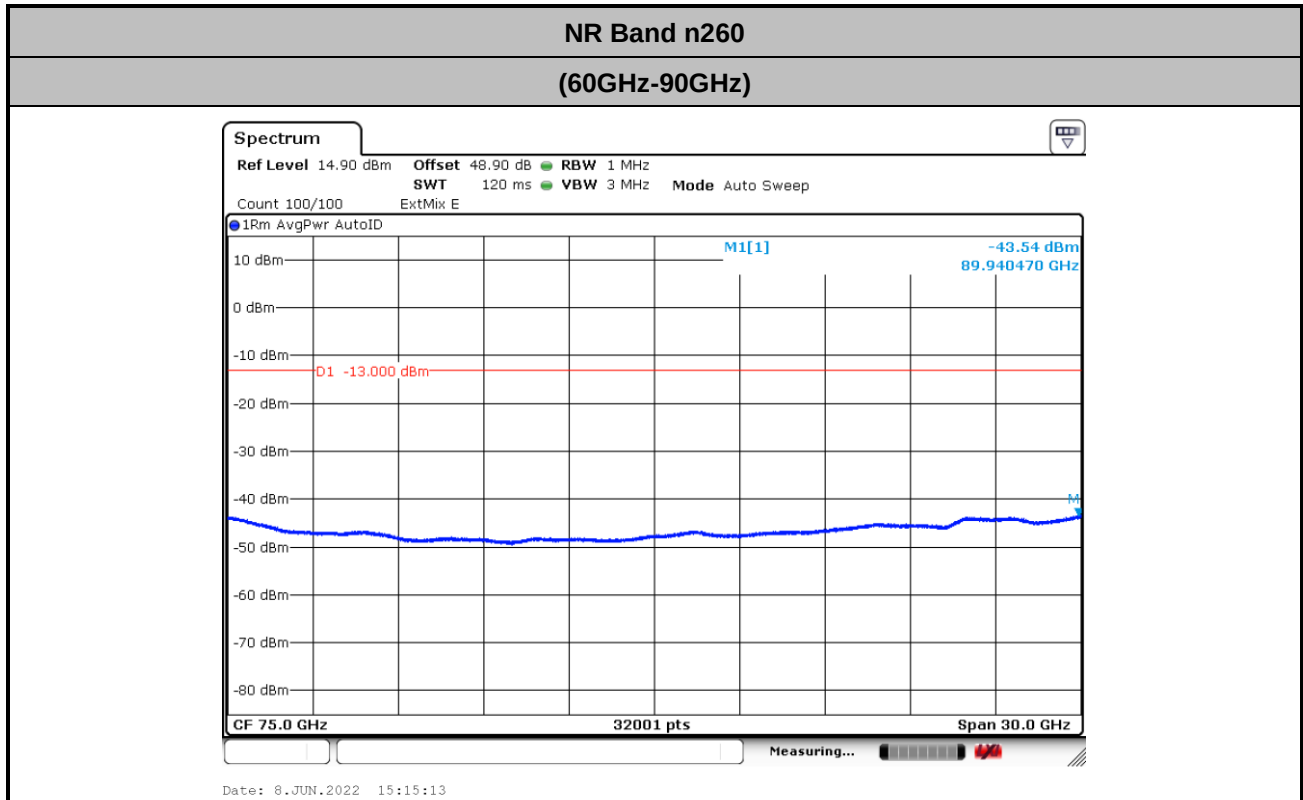


Remark: In band and out of band frequencies are omitted.

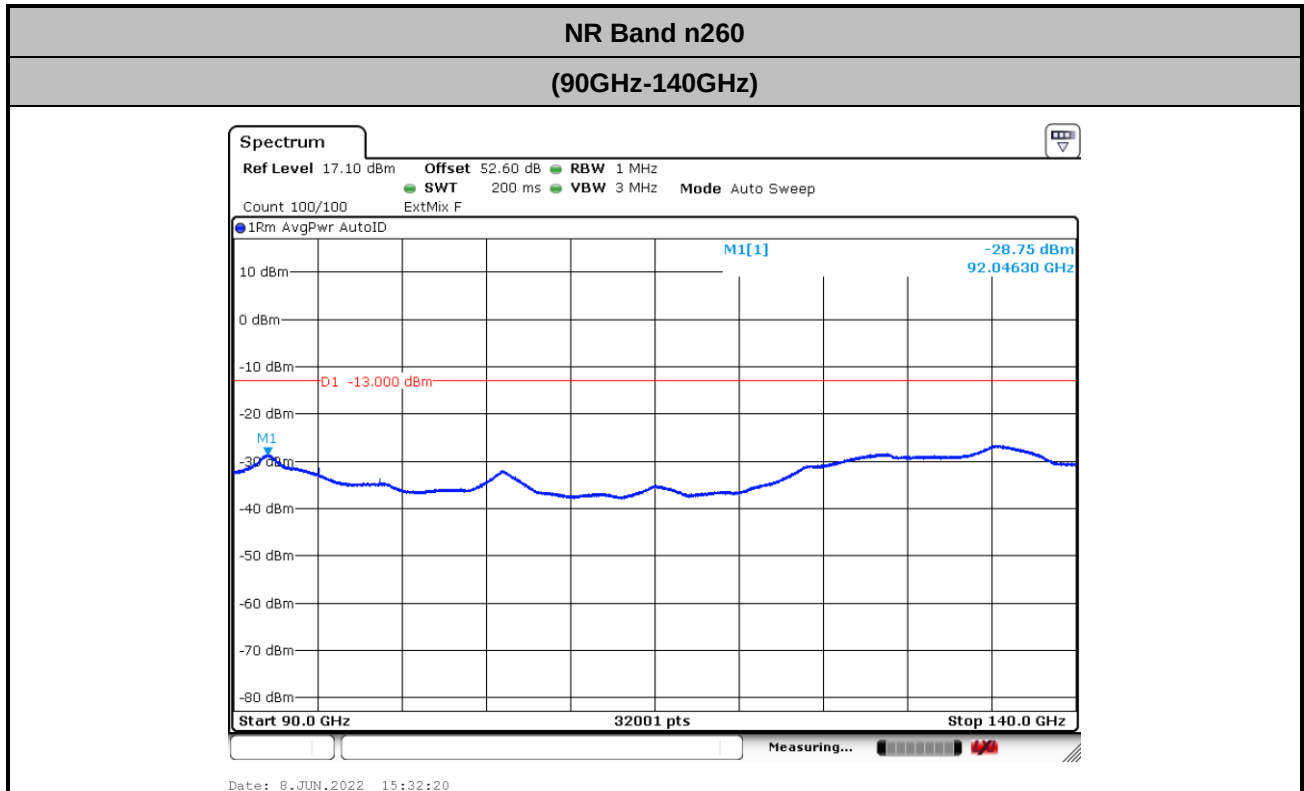
There is no significant spurious emission signal found for frequency started from 40GHz up to 200GHz. Only the noise floor is reported.



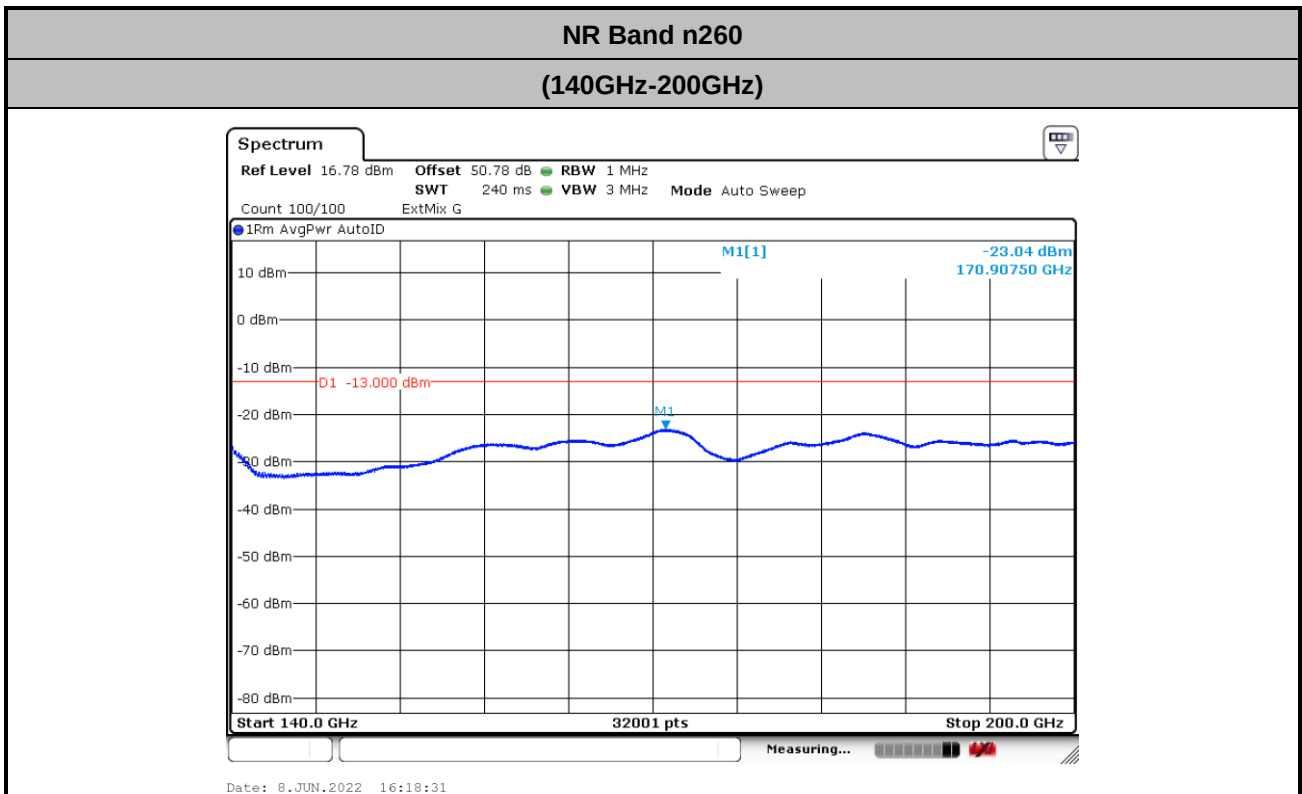
$$\begin{aligned} \text{Offset} &= \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 \\ &= 42.5 + 0.4 + 107 + 20\log(1) - 104.8 = 45.1 \text{ (dB)} \end{aligned}$$



$$\begin{aligned} \text{Offset} &= \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 \\ &= 46.3 + 0.4 + 107 + 20\log(1) - 104.8 = 48.9 \text{ (dB)} \end{aligned}$$



$$\begin{aligned}\text{Offset} &= \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 \\ &= 50 + 0.4 + 107 + 20\log(1) - 104.8 = 52.6 \text{ (dB)}\end{aligned}$$



$$\begin{aligned} \text{Offset} &= \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 \\ &= 54.2 + 2 + 107 + 20\log(0.5) - 104.8 = 50.78 \text{ (dB)} \end{aligned}$$

**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	38.49989971	100.290	2.605	PASS
40	Normal Voltage	38.49992771	72.294	1.878	
30	Normal Voltage	38.49997467	25.330	0.658	
20(Ref.)	Normal Voltage	38.5	0.000	0.000	
10	Normal Voltage	38.50020695	-206.946	5.375	
0	Normal Voltage	38.50024313	-243.126	6.315	
-10	Normal Voltage	38.50028133	-281.331	7.307	
-20	Normal Voltage	38.50031606	-316.060	8.209	
-30	Normal Voltage	38.50033126	-331.260	8.604	
20	Maximum Voltage	38.49997467	25.326	0.658	
20	Normal Voltage	38.5	0.000	0.000	
20	Battery End Point	38.50001664	-16.643	0.432	

Note:

1. Normal Voltage =3.89 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.48 V.
2. The frequency fundamental emissions stay within the operation band.



NR Band n260 Module 1

AG0

Occupied Bandwidth

Mode	DFT-s-OFDM Module 1 NR Band n260 : 99%OBW(MHz)											
BW	50MHz				100MHz				200MHz			
Mod.	BPSK	QPSK	16QAM	64QAM	BPSK	QPSK	16QAM	64QAM	BPSK	QPSK	16QAM	64QAM
Lowest CH	45.86	45.95	45.81	45.95	91.25	91.53	91.62	91.62	190.33	190.57	190.47	190.79
Middle CH	45.85	45.92	45.96	45.81	91.27	91.44	91.64	91.47	190.39	190.55	190.27	190.24
Highest CH	45.85	45.88	45.71	45.91	91.08	91.38	91.51	91.42	190.14	190.20	190.84	190.82

Mode	CP-OFDM Module 1 NR Band n260 : 99%OBW(MHz)								
BW	50MHz			100MHz			200MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	45.96	46.16	46.00	94.30	94.33	94.29	193.95	193.51	193.56
Middle CH	45.90	46.16	45.94	94.22	94.22	94.31	193.69	193.54	193.62
Highest CH	45.89	46.07	45.96	94.17	94.21	94.25	194.04	193.43	193.51