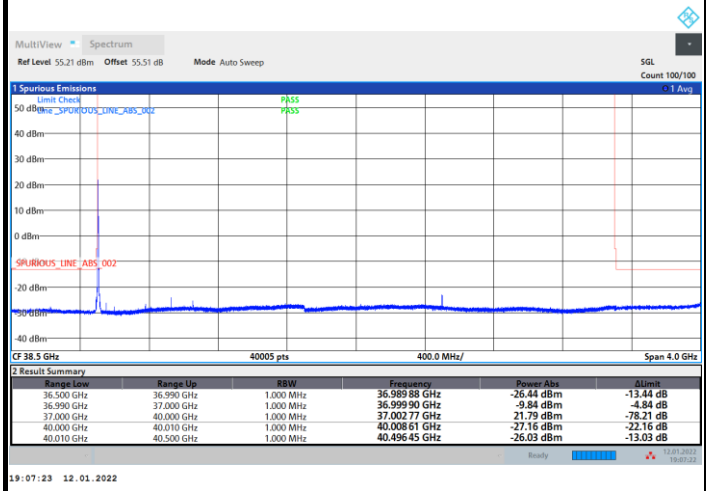
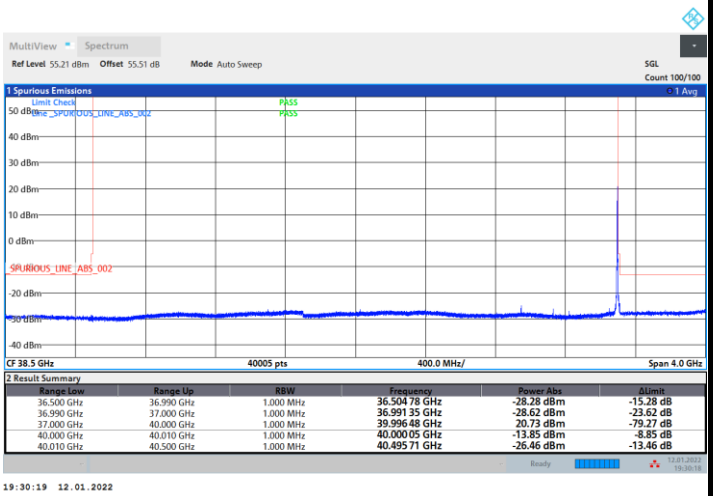
CP-OFDM Module 1

NR Band n260 / 100MHz / 16QAM

Lowest Band Edge / 1 RB

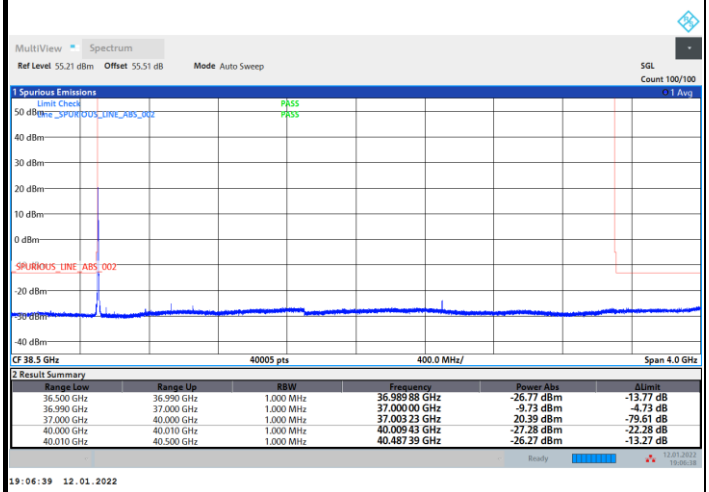


Highest Band Edge / 1 RB

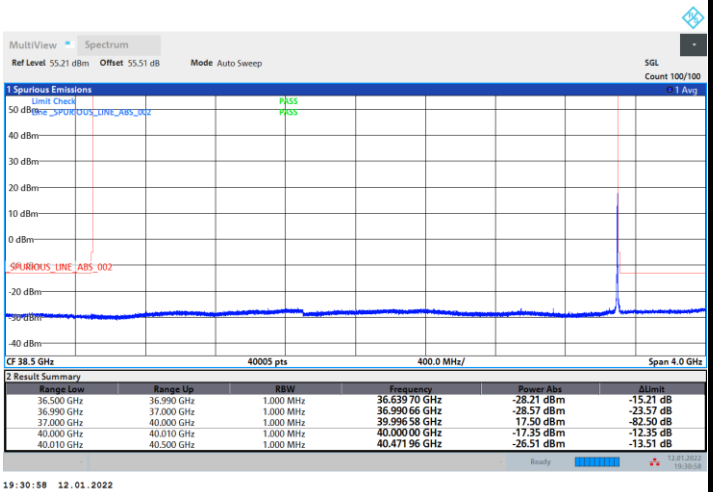


NR Band n260 / 100MHz / 64QAM

Lowest Band Edge / 1 RB



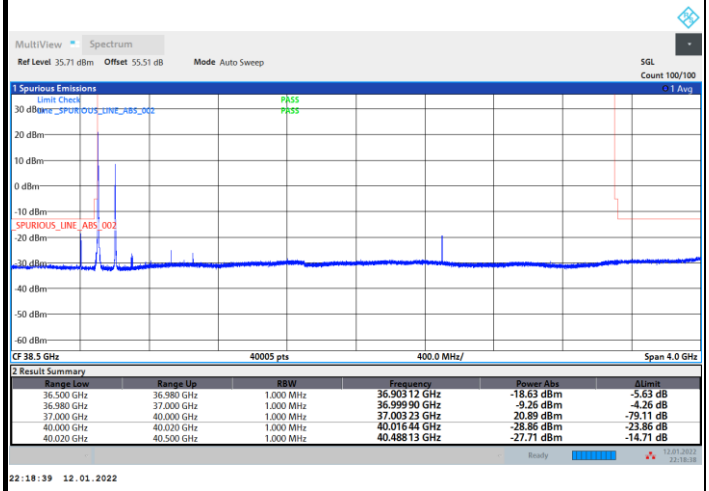
Highest Band Edge / 1 RB



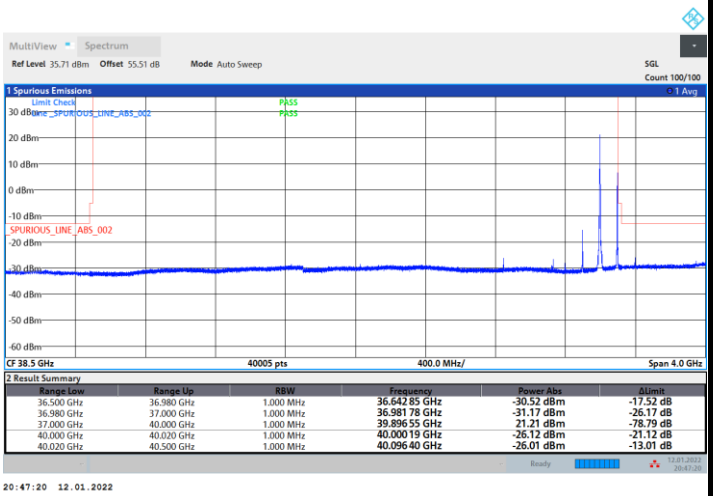
CP-OFDM Module 1

NR Band n260 / 200MHz / QPSK

Lowest Band Edge / 1 RB

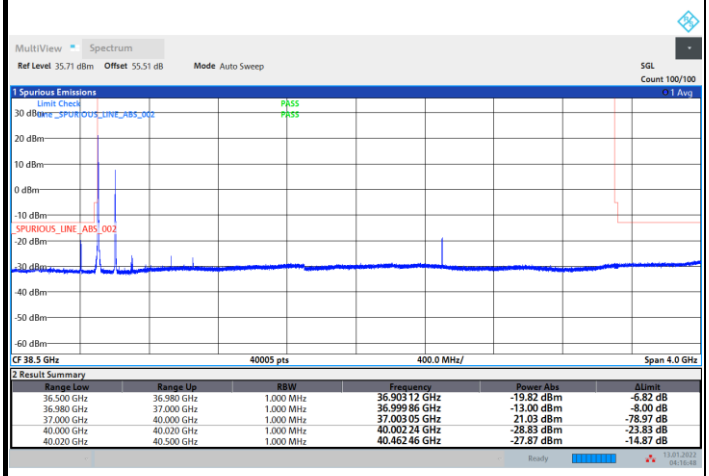


Highest Band Edge / 1 RB

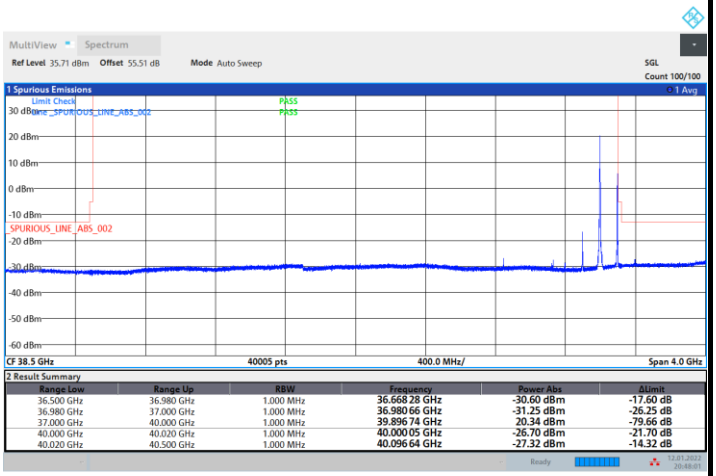


NR Band n260 / 200MHz / 16QAM

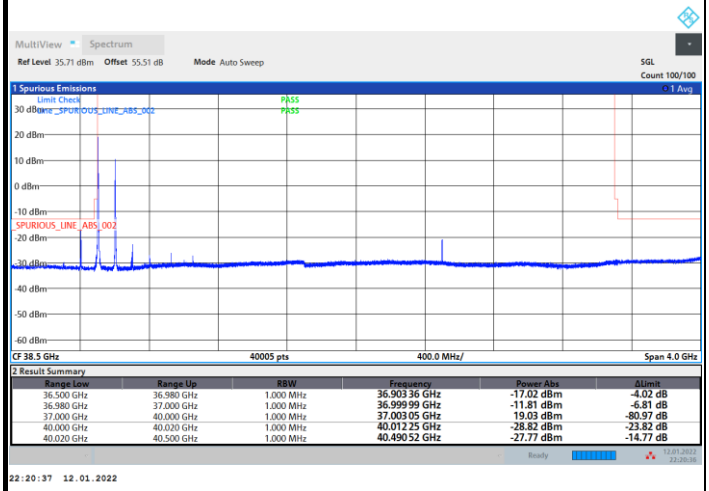
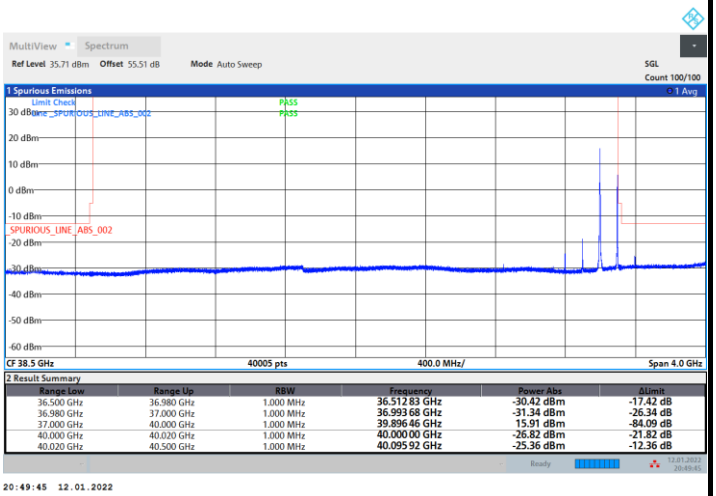
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



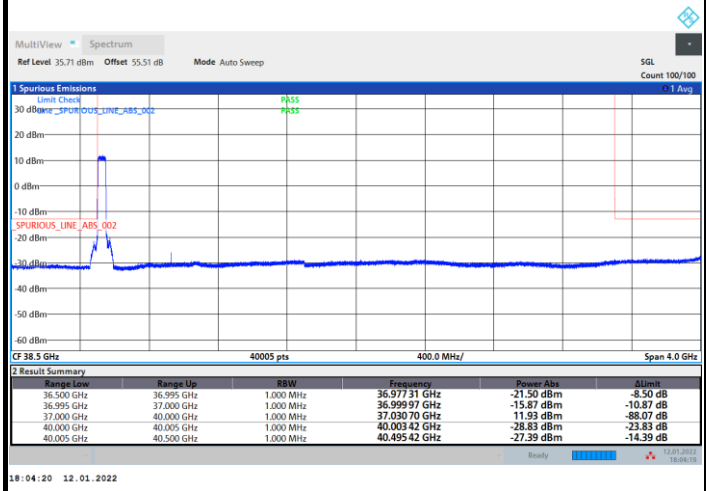
CP-OFDM Module 1

NR Band n260 / 200MHz / 64QAM	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	

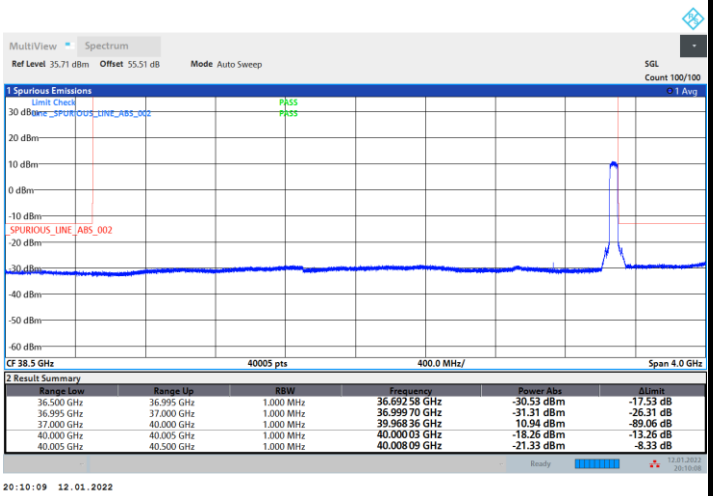
DFT-s-OFDM Module 1

NR Band n260 / 50MHz / BPSK

Lowest Band Edge / Full RB

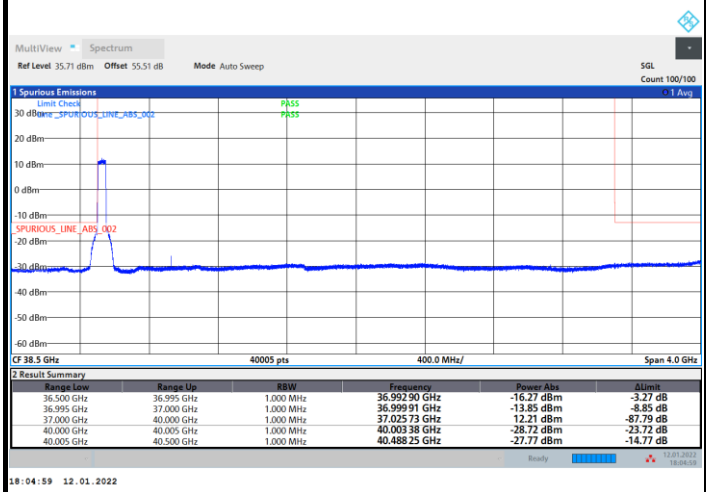


Highest Band Edge / Full RB

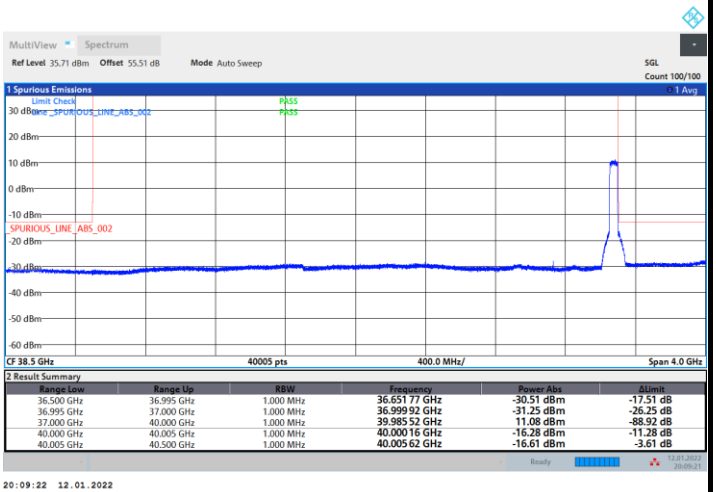


NR Band n260 / 50MHz / QPSK

Lowest Band Edge / Full RB



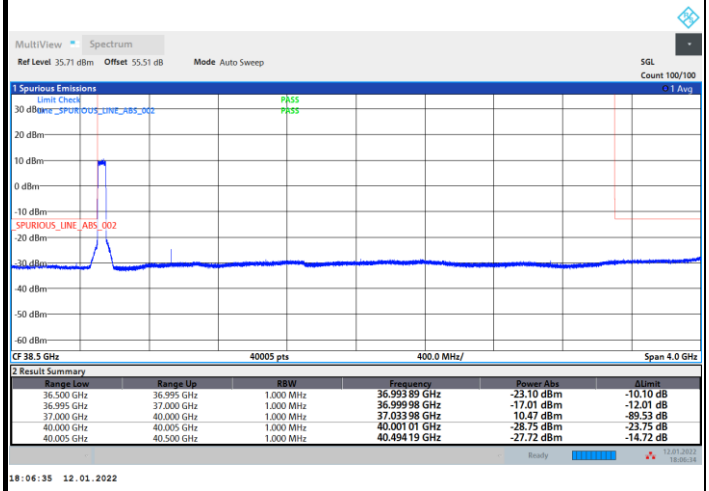
Highest Band Edge / Full RB



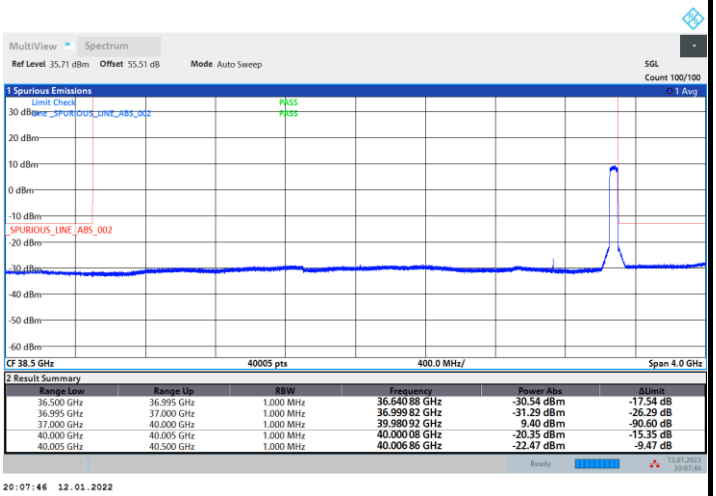
DFT-s-OFDM Module 1

NR Band n260 / 50MHz / 16QAM

Lowest Band Edge / Full RB

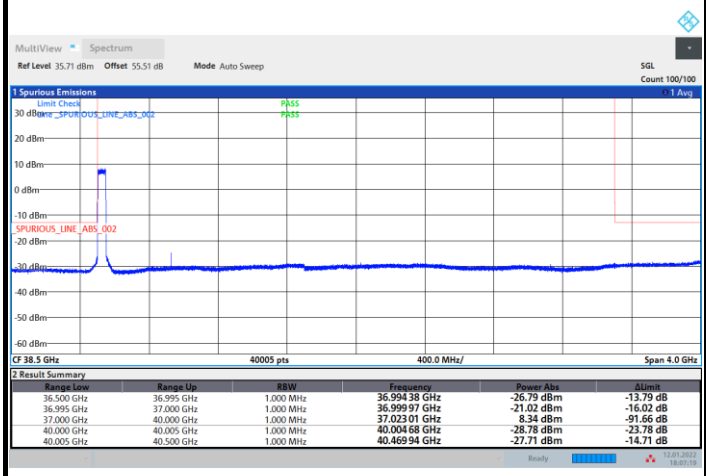


Highest Band Edge / Full RB

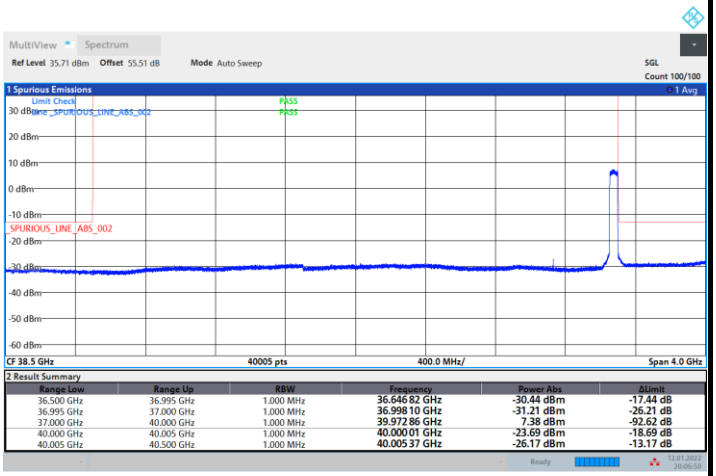


NR Band n260 / 50MHz / 64QAM

Lowest Band Edge / Full RB



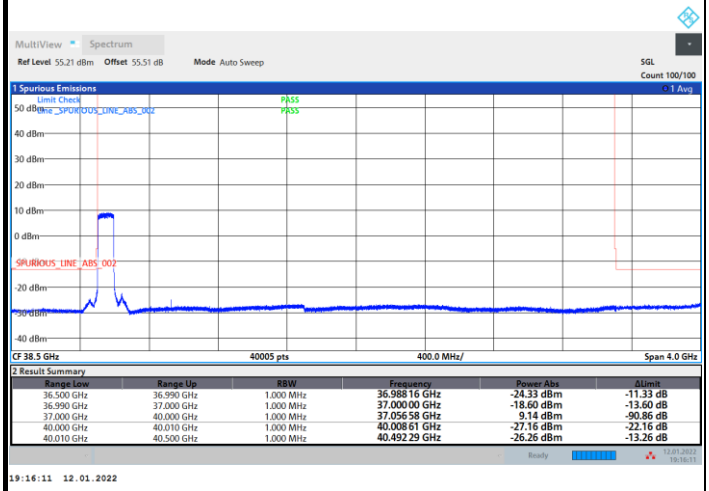
Highest Band Edge / Full RB



DFT-s-OFDM Module 1

NR Band n260 / 100MHz / BPSK

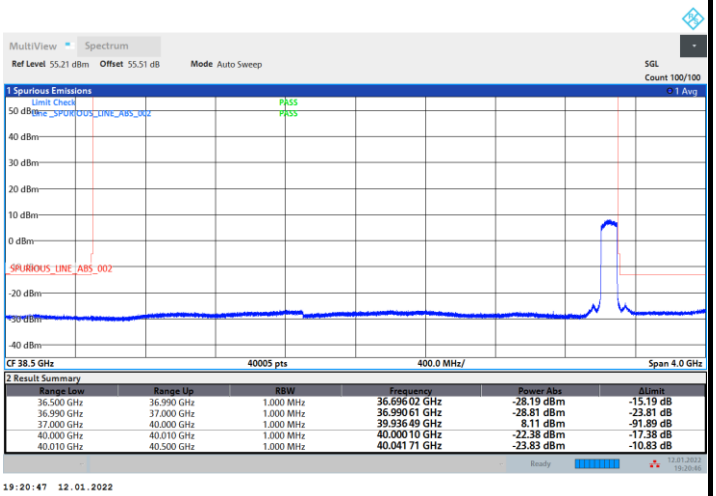
Lowest Band Edge / Full RB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
36.500 GHz	36.990 GHz	1.000 MHz	36.988 16 GHz	-24.33 dBm	-11.33 dB
36.990 GHz	37.000 GHz	1.000 MHz	37.000 00 GHz	-18.60 dBm	-13.60 dB
37.000 GHz	40.000 GHz	1.000 MHz	37.056 58 GHz	9.14 dBm	-90.86 dB
40.000 GHz	40.010 GHz	1.000 MHz	40.008 61 GHz	-27.16 dBm	-22.16 dB
40.010 GHz	40.500 GHz	1.000 MHz	40.492 29 GHz	-26.26 dBm	-13.26 dB

19:16:11 12.01.2022

Highest Band Edge / Full RB

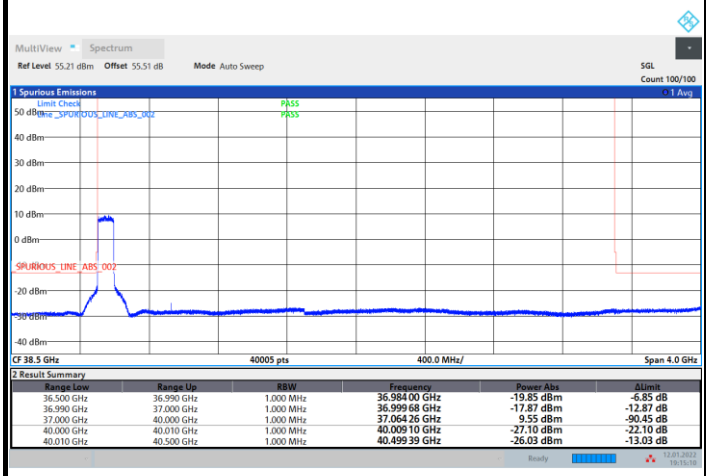


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
36.500 GHz	36.990 GHz	1.000 MHz	36.696 02 GHz	-28.19 dBm	-15.19 dB
36.990 GHz	37.000 GHz	1.000 MHz	36.990 61 GHz	-28.81 dBm	-23.81 dB
37.000 GHz	40.000 GHz	1.000 MHz	39.936 49 GHz	8.11 dBm	-91.89 dB
40.000 GHz	40.010 GHz	1.000 MHz	40.000 10 GHz	-22.38 dBm	-17.38 dB
40.010 GHz	40.500 GHz	1.000 MHz	40.041 71 GHz	-23.83 dBm	-10.83 dB

19:20:47 12.01.2022

NR Band n260 / 100MHz / QPSK

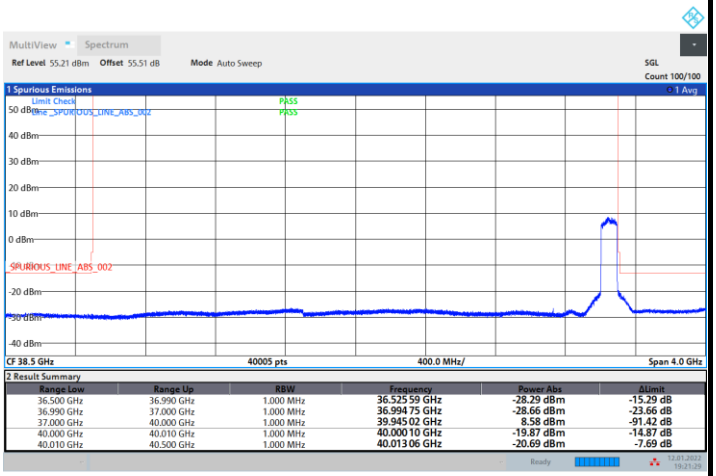
Lowest Band Edge / Full RB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
36.500 GHz	36.990 GHz	1.000 MHz	36.984 00 GHz	-19.85 dBm	-6.85 dB
36.990 GHz	37.000 GHz	1.000 MHz	36.999 68 GHz	-17.87 dBm	-12.87 dB
37.000 GHz	40.000 GHz	1.000 MHz	37.064 26 GHz	9.55 dBm	-90.45 dB
40.000 GHz	40.010 GHz	1.000 MHz	40.009 10 GHz	-27.10 dBm	-22.10 dB
40.010 GHz	40.500 GHz	1.000 MHz	40.499 39 GHz	-26.03 dBm	-13.03 dB

19:15:11 12.01.2022

Highest Band Edge / Full RB



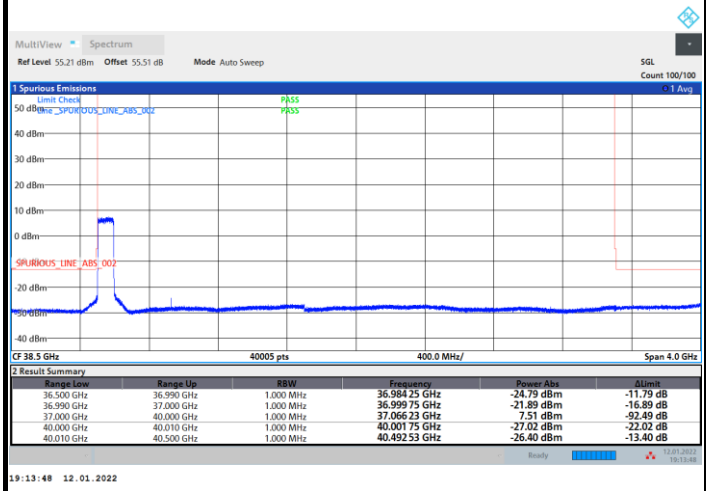
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
36.500 GHz	36.990 GHz	1.000 MHz	36.525 59 GHz	-28.29 dBm	-15.29 dB
36.990 GHz	37.000 GHz	1.000 MHz	36.994 75 GHz	-28.66 dBm	-23.66 dB
37.000 GHz	40.000 GHz	1.000 MHz	39.945 02 GHz	8.58 dBm	-91.42 dB
40.000 GHz	40.010 GHz	1.000 MHz	40.000 10 GHz	-19.87 dBm	-14.87 dB
40.010 GHz	40.500 GHz	1.000 MHz	40.013 06 GHz	-20.69 dBm	-7.69 dB

19:21:30 12.01.2022

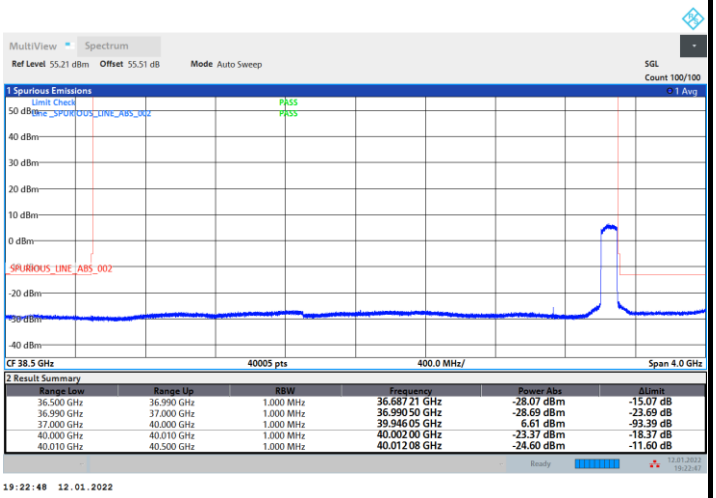
DFT-s-OFDM Module 1

NR Band n260 / 100MHz / 16QAM

Lowest Band Edge / Full RB

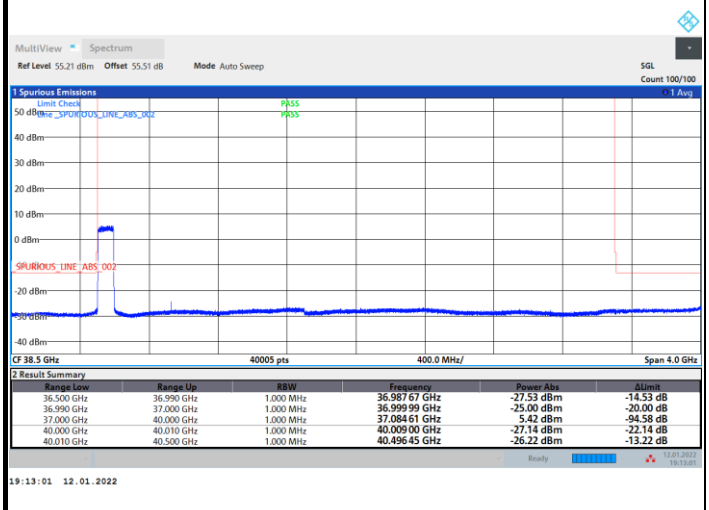


Highest Band Edge / Full RB

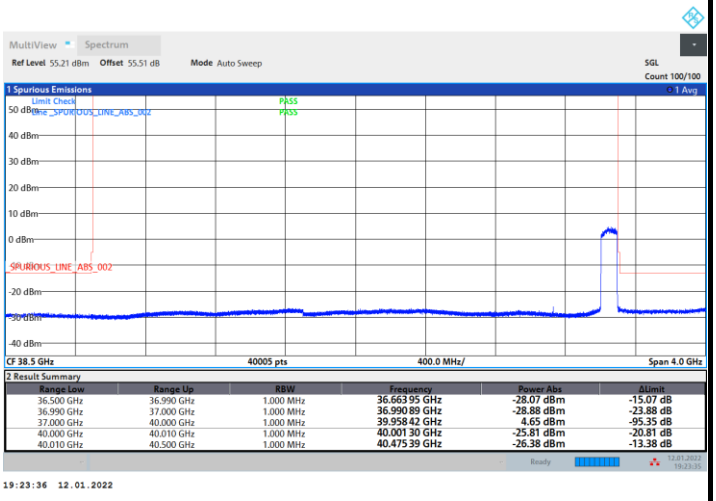


NR Band n260 / 100MHz / 64QAM

Lowest Band Edge / Full RB



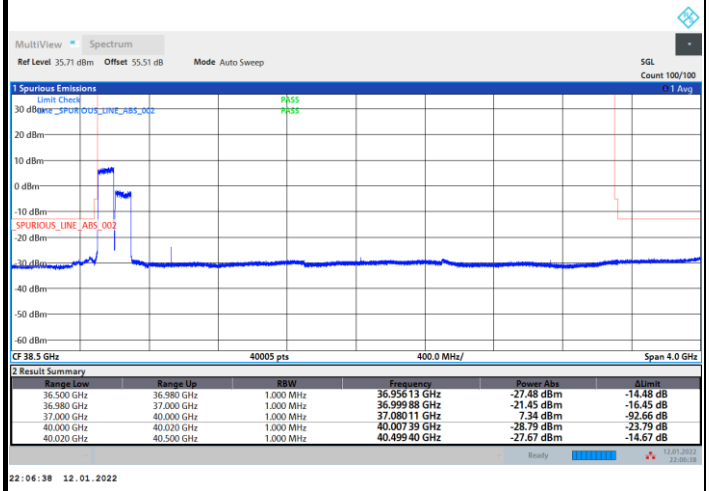
Highest Band Edge / Full RB



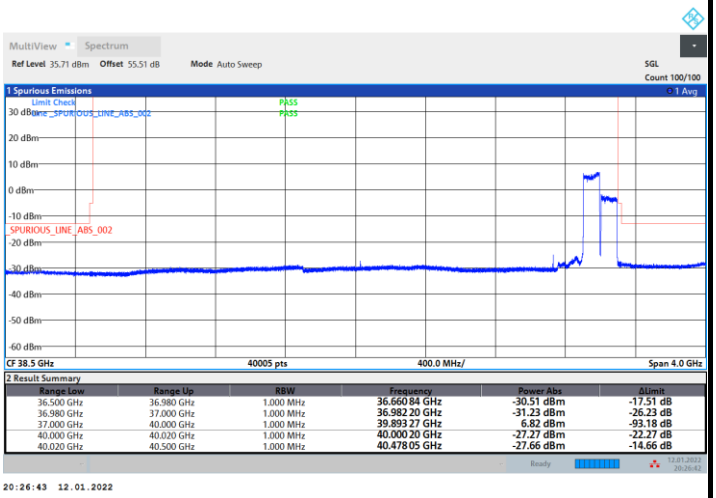
DFT-s-OFDM Module 1

NR Band n260 / 200MHz / BPSK

Lowest Band Edge / Full RB

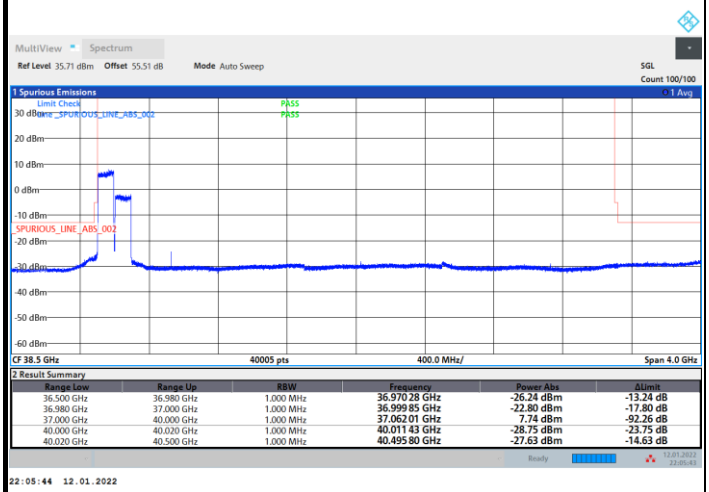


Highest Band Edge / Full RB

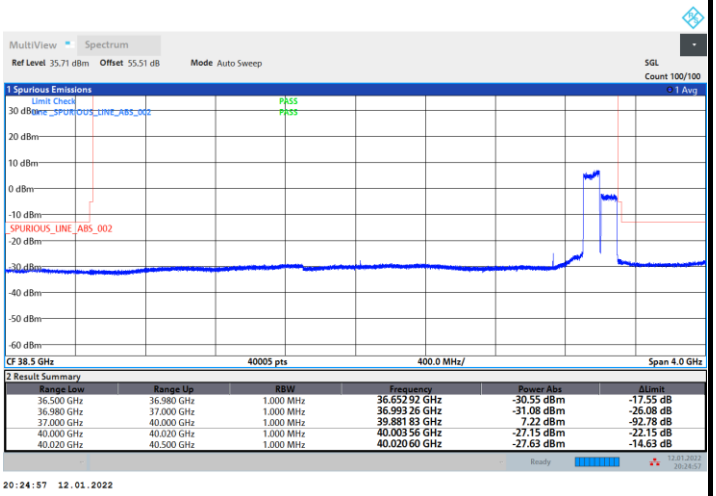


NR Band n260 / 200MHz / QPSK

Lowest Band Edge / Full RB



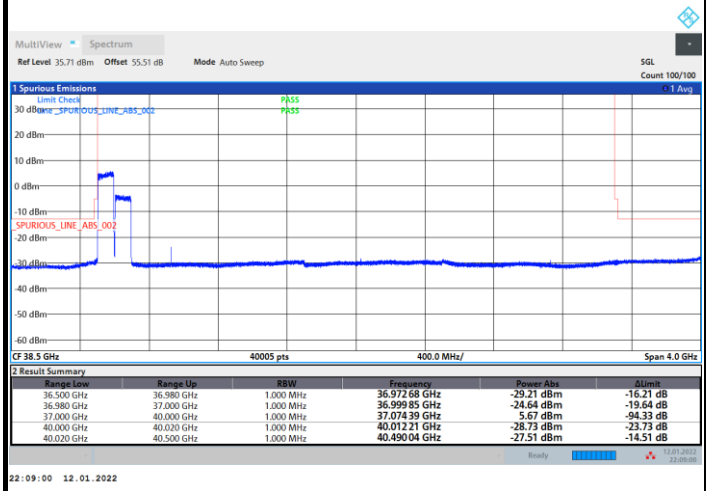
Highest Band Edge / Full RB



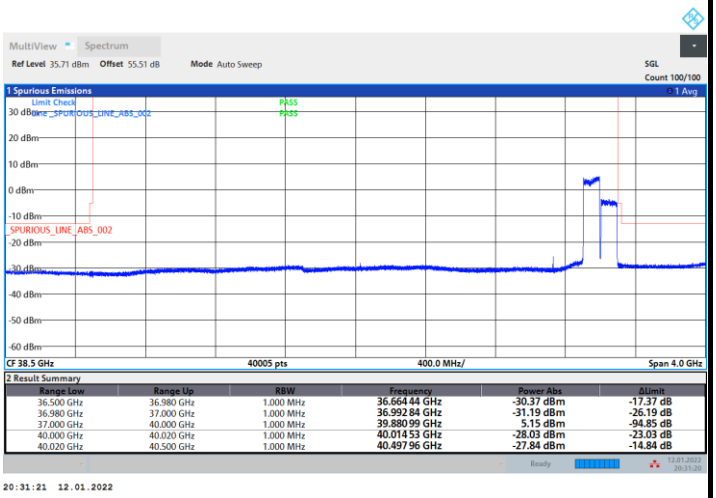
DFT-s-OFDM Module 1

NR Band n260 / 200MHz / 16QAM

Lowest Band Edge / Full RB

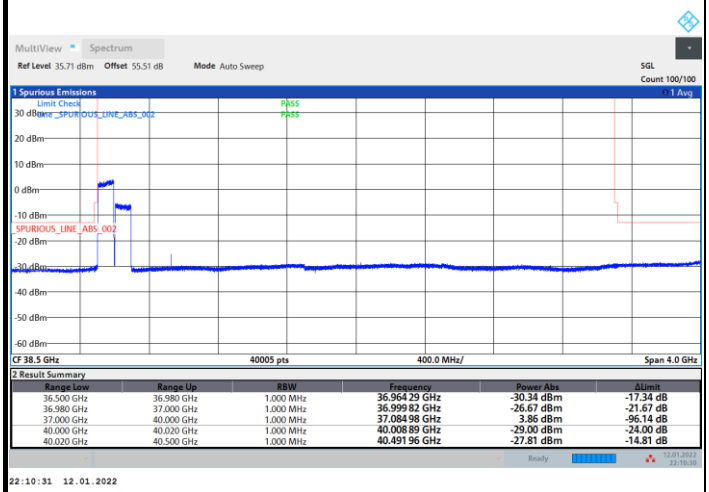


Highest Band Edge / Full RB

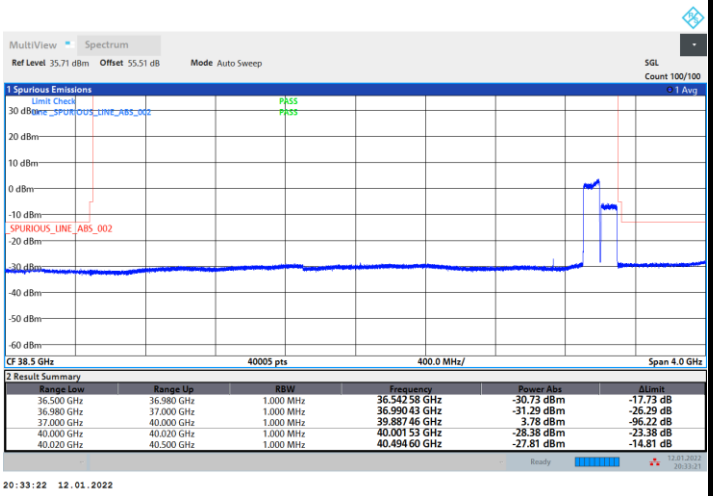


NR Band n260 / 200MHz / 64QAM

Lowest Band Edge / Full RB



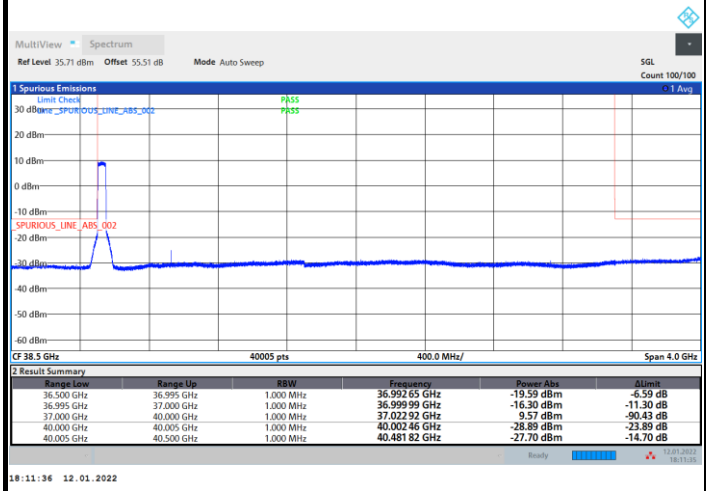
Highest Band Edge / Full RB



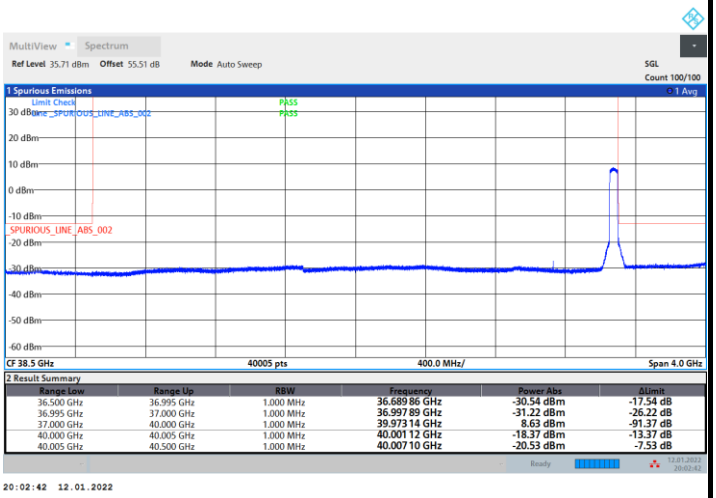
CP-OFDM Module 1

NR Band n260 / 50MHz / QPSK

Lowest Band Edge / Full RB

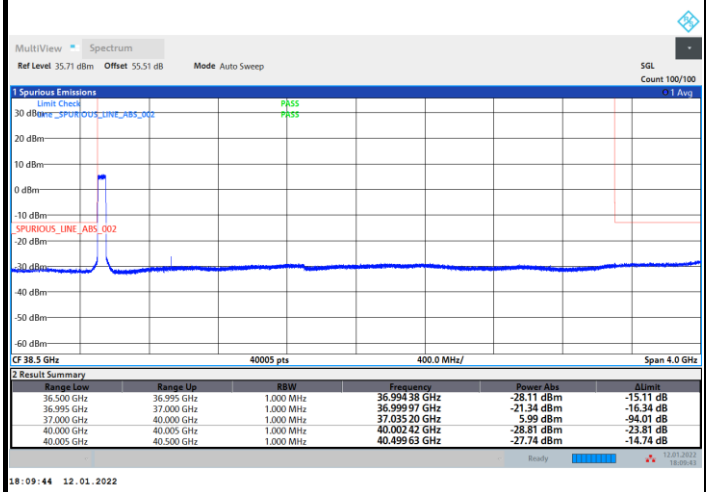


Highest Band Edge / Full RB

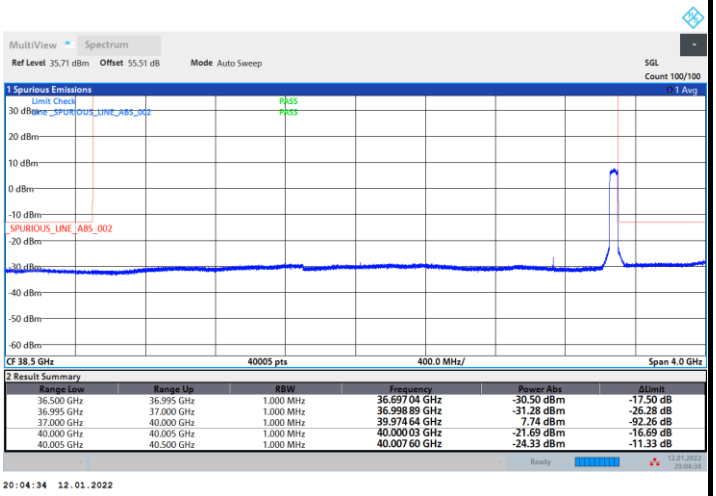


NR Band n260 / 50MHz / 16QAM

Lowest Band Edge / Full RB



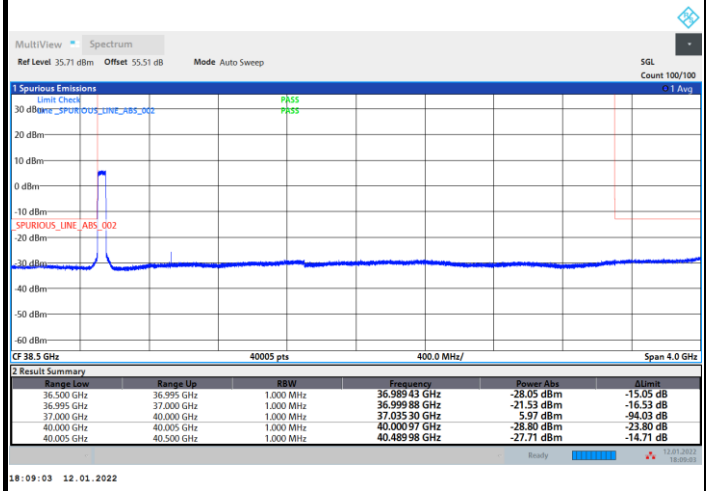
Highest Band Edge / Full RB



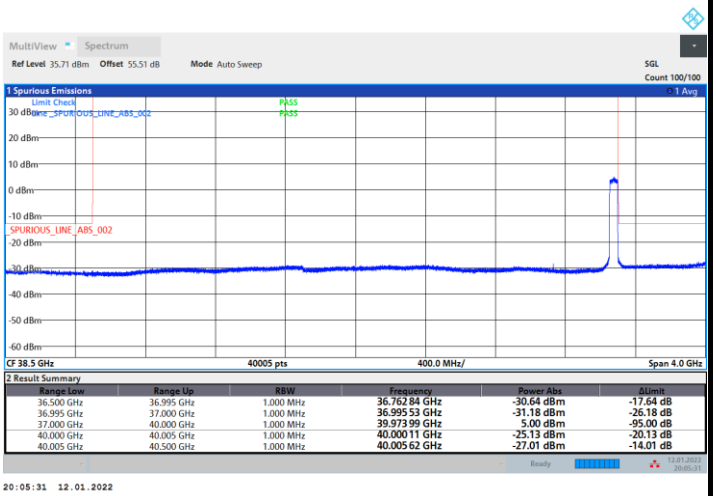
CP-OFDM Module 1

NR Band n260 / 50MHz / 64QAM

Lowest Band Edge / Full RB

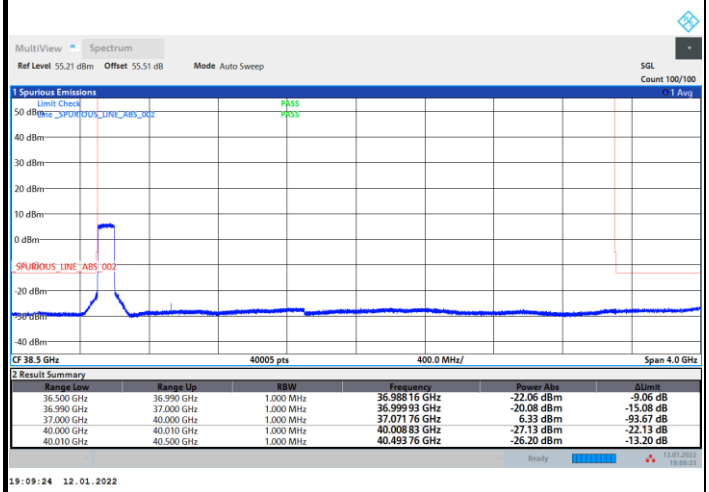


Highest Band Edge / Full RB

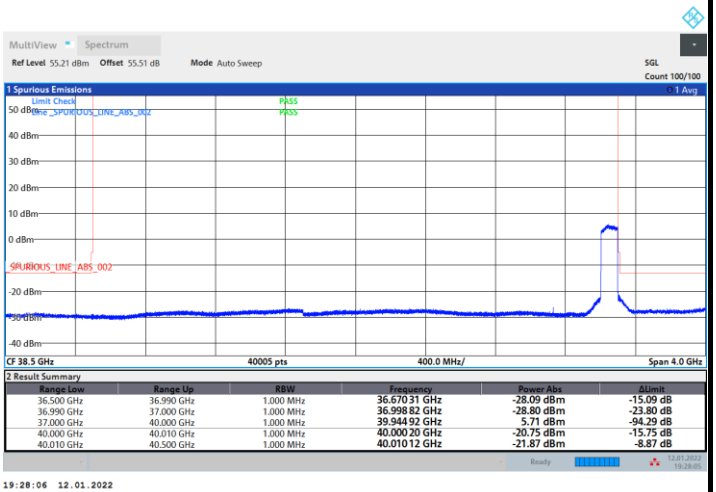


NR Band n260 / 100MHz / QPSK

Lowest Band Edge / Full RB



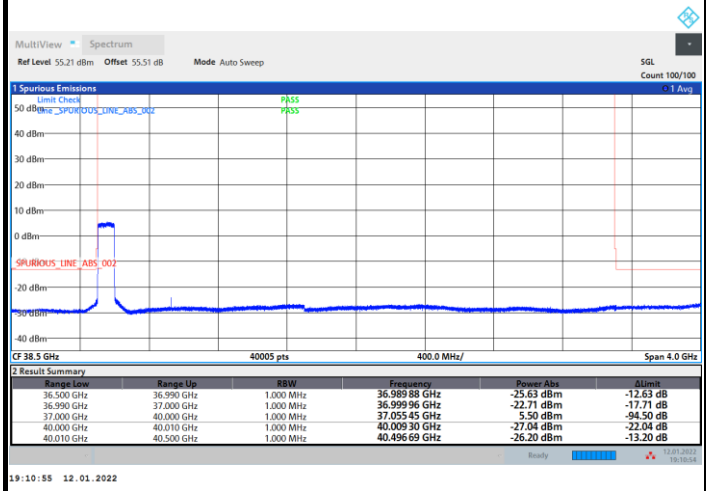
Highest Band Edge / Full RB



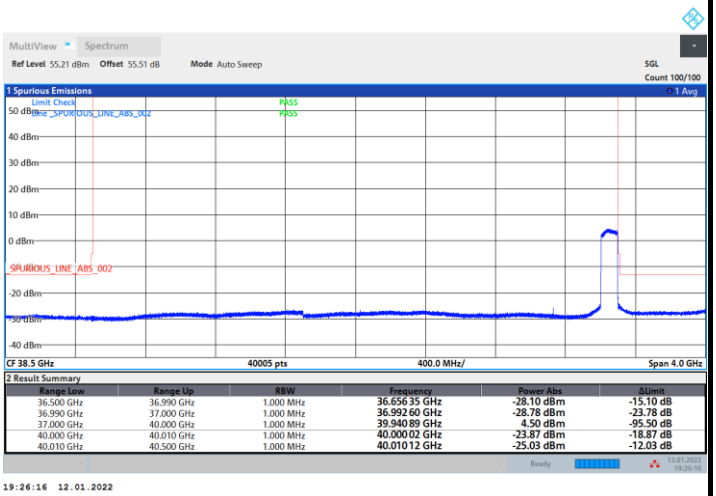
CP-OFDM Module 1

NR Band n260 / 100MHz / 16QAM

Lowest Band Edge / Full RB

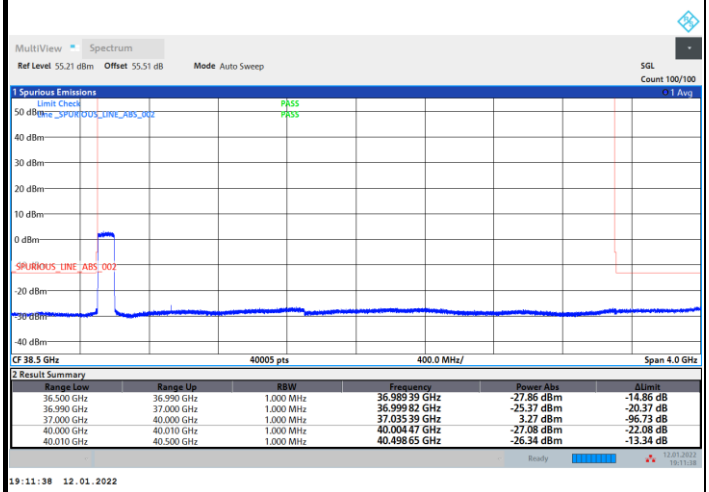


Highest Band Edge / Full RB

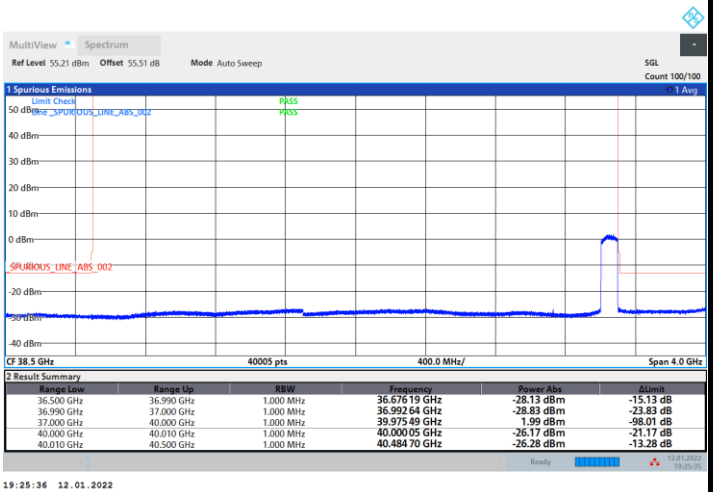


NR Band n260 / 100MHz / 64QAM

Lowest Band Edge / Full RB



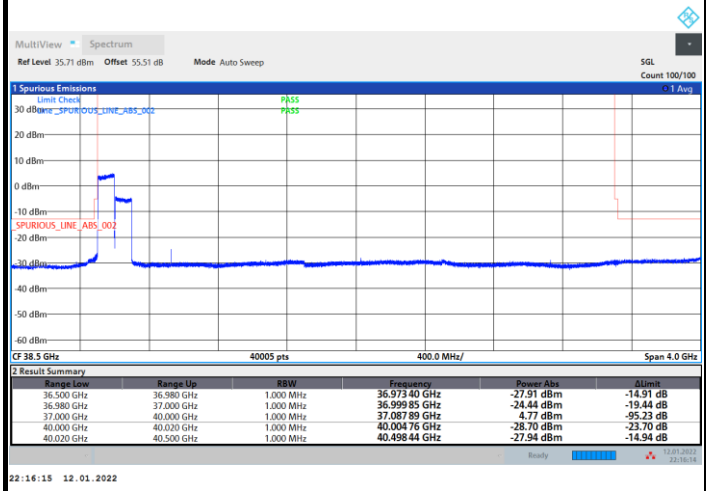
Highest Band Edge / Full RB



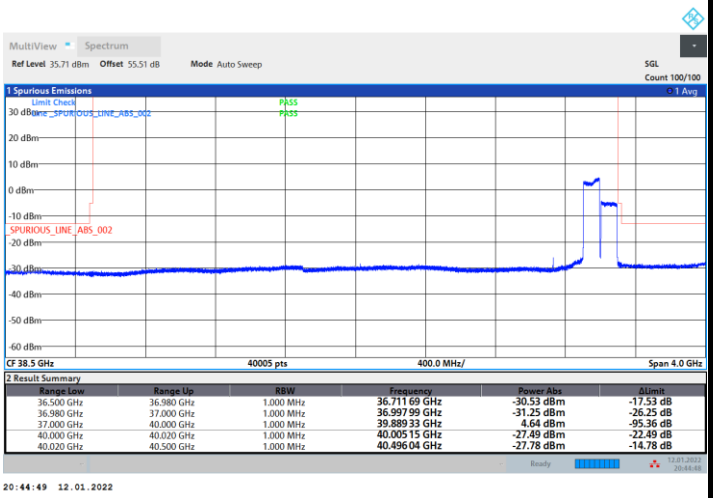
CP-OFDM Module 1

NR Band n260 / 200MHz / QPSK

Lowest Band Edge / Full RB

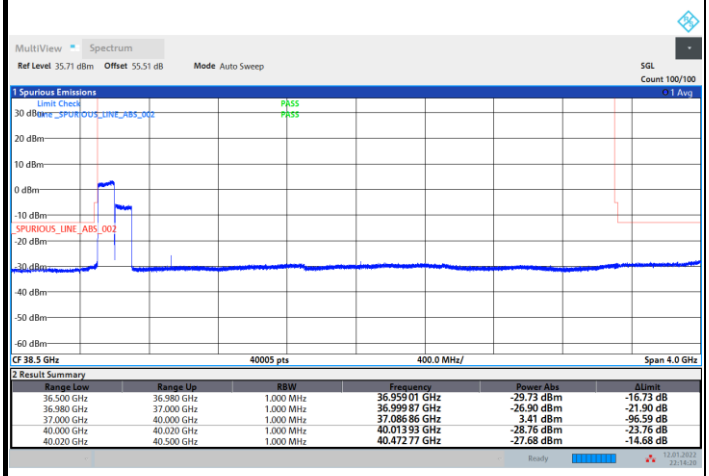


Highest Band Edge / Full RB

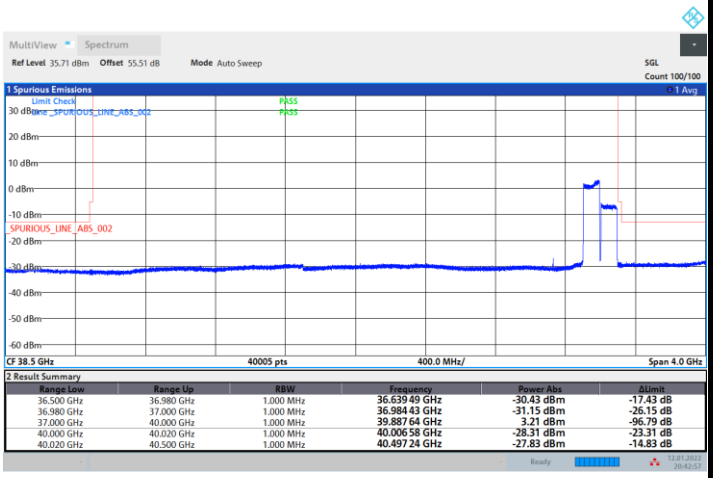


NR Band n260 / 200MHz / 16QAM

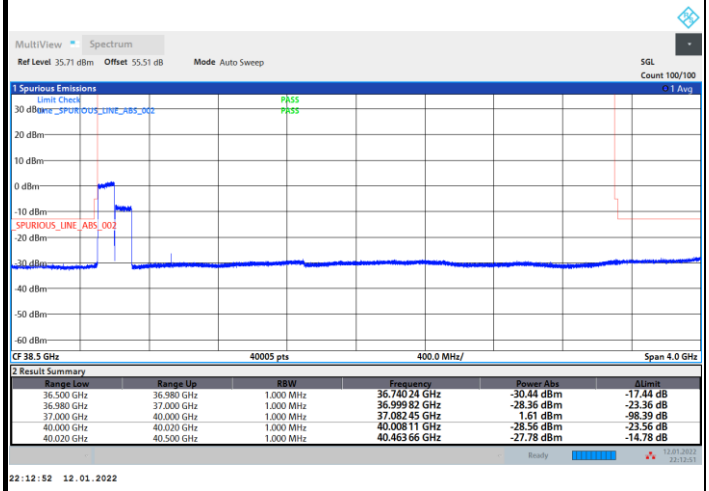
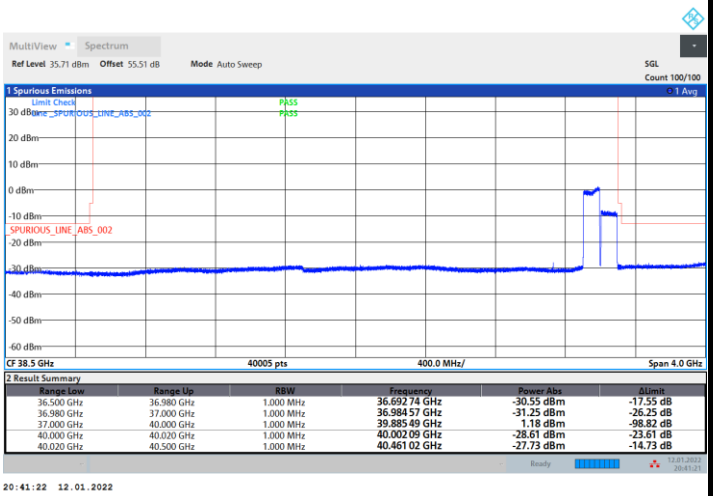
Lowest Band Edge / Full RB



Highest Band Edge / Full RB



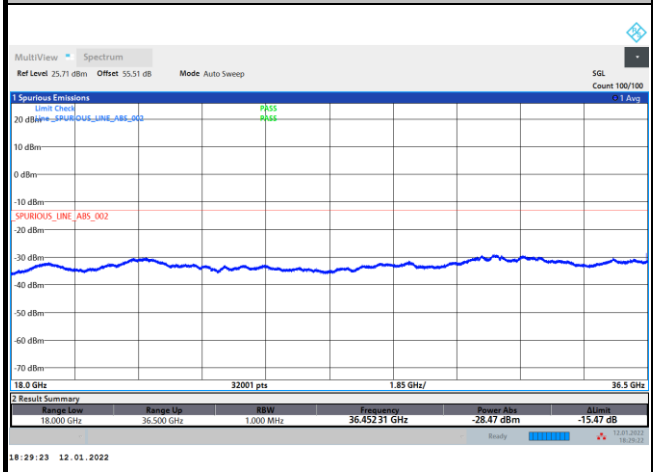
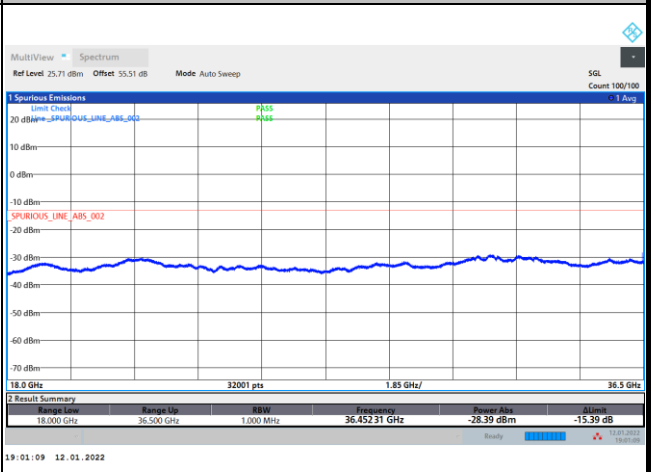
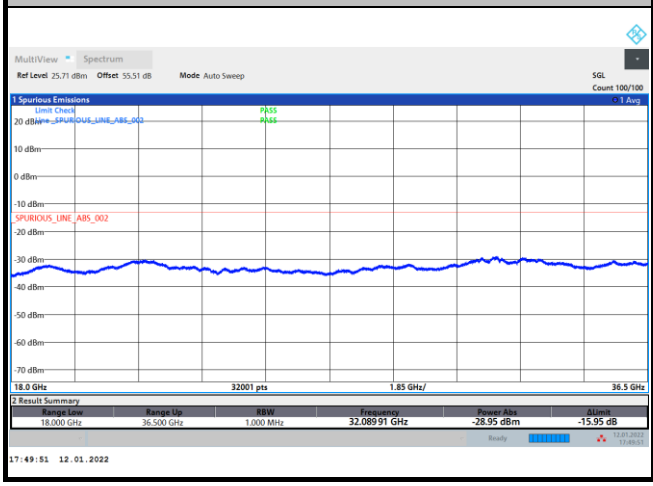
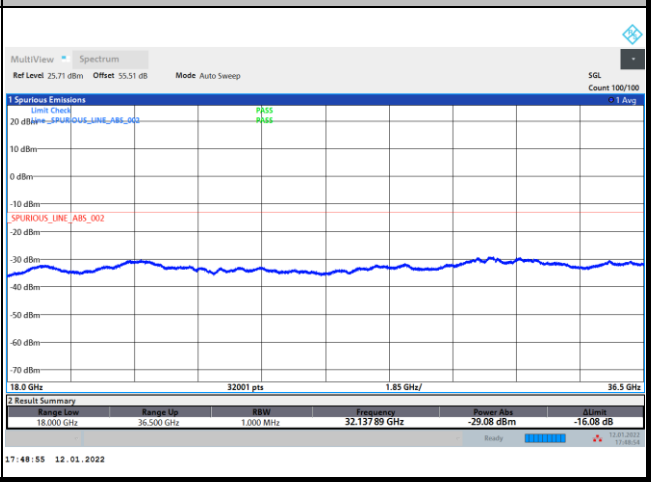
CP-OFDM Module 1

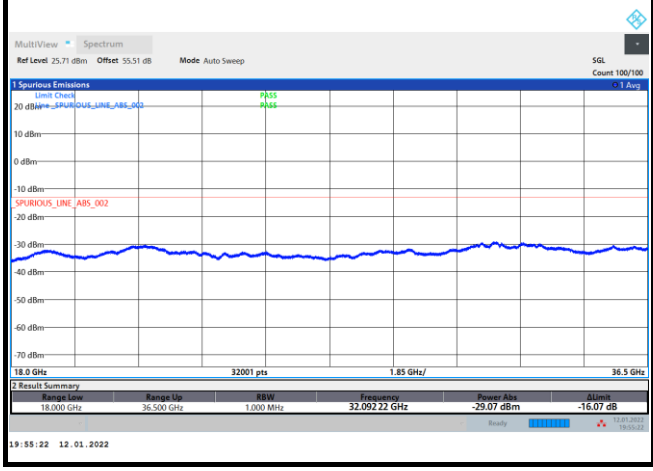
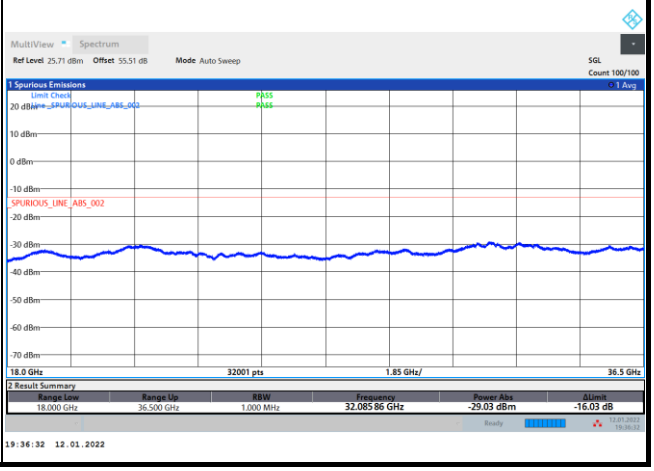
NR Band n260 / 200MHz / 64QAM	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

Spurious Emission

Spurious emission between 18GHz to 36.5GHz worst case plot is reported as following. The other frequency ranges are tested in AG 0+1 in accordance with the higher EIRP Power.

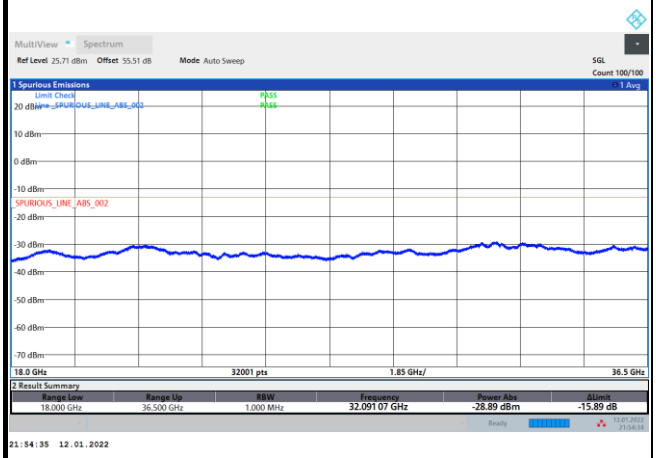
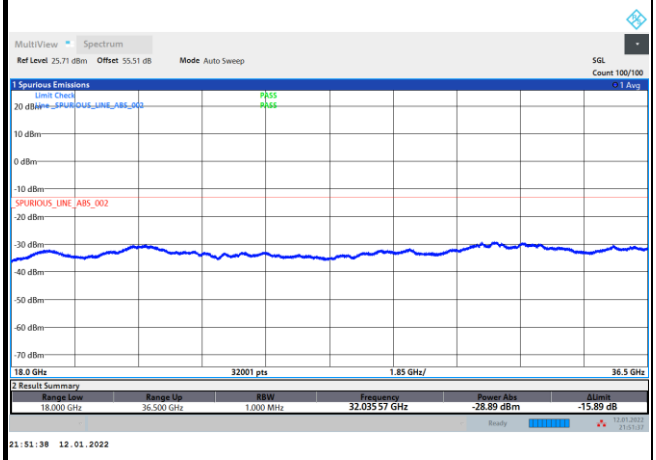
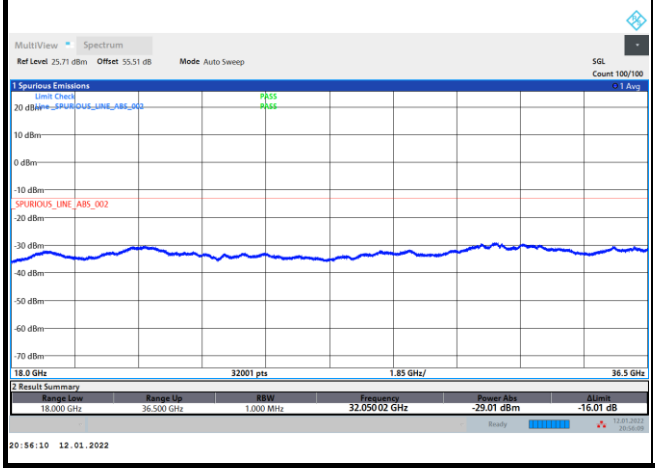
DFT-s-OFDM Module 1

NR Band n260 BPSK (18-36.5GHz)	
Lowest Channel / 50MHz	**Lowest Channel / 100MHz**
	
Middle Channel / 50MHz	**Middle Channel / 100MHz**
	

Highest Channel / 50MHz	Highest Channel / 100MHz
	

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

DFT-s-OFDM Module 1

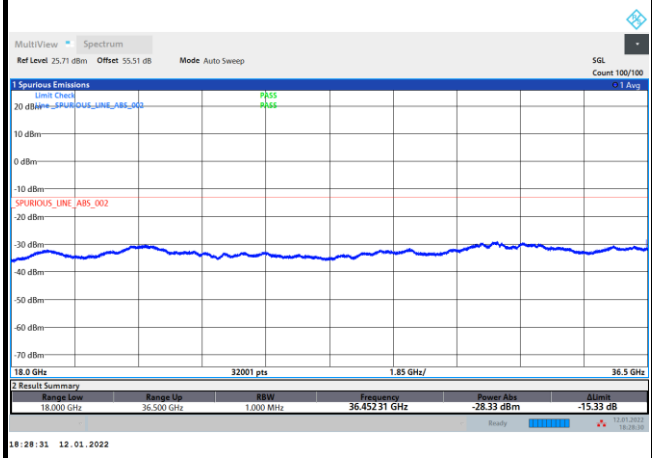
NR Band n260 BPSK (18-36.5GHz)	
Lowest Channel / 200MHz	
	**intentionally blank**
Middle Channel / 200MHz	
	**intentionally blank**
Highest Channel / 200MHz	
	**intentionally blank**

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

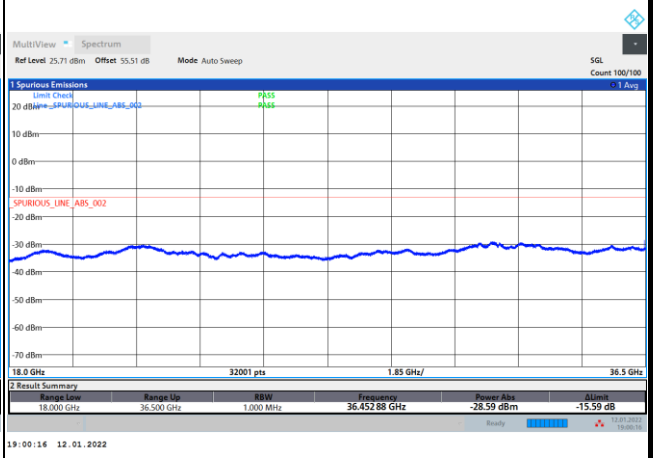
DFT-s-OFDM Module 1

NR Band n260 QPSK (18-36.5GHz)

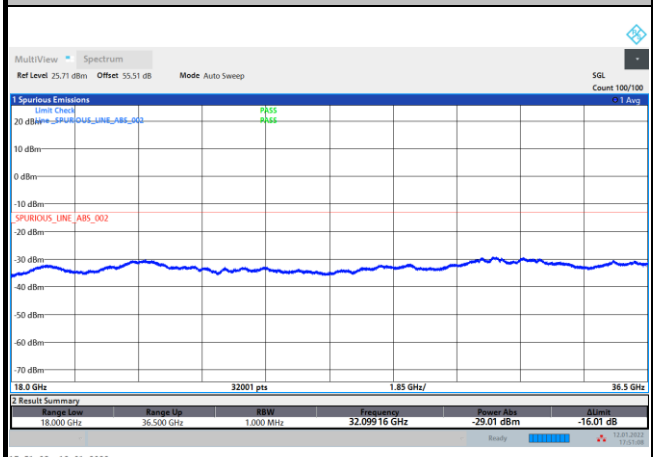
Lowest Channel / 50MHz



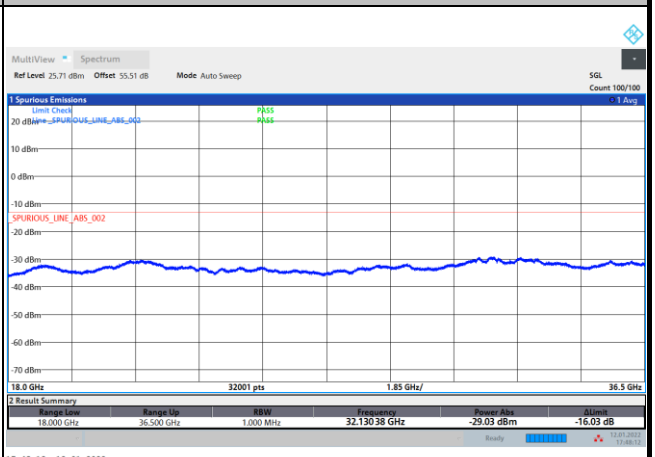
Lowest Channel / 100MHz



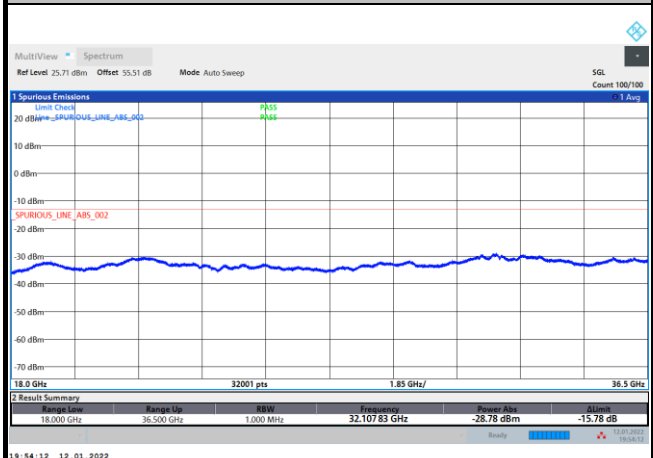
Middle Channel / 50MHz



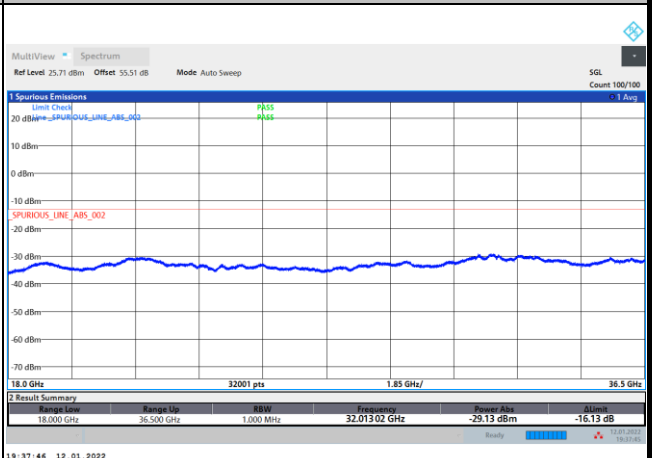
Middle Channel / 100MHz



Highest Channel / 50MHz

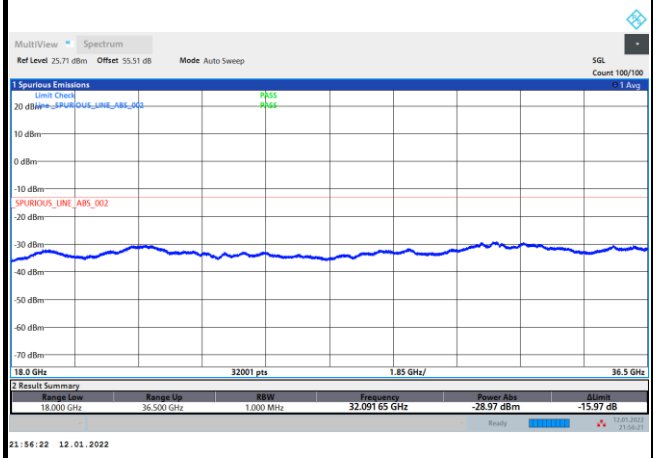
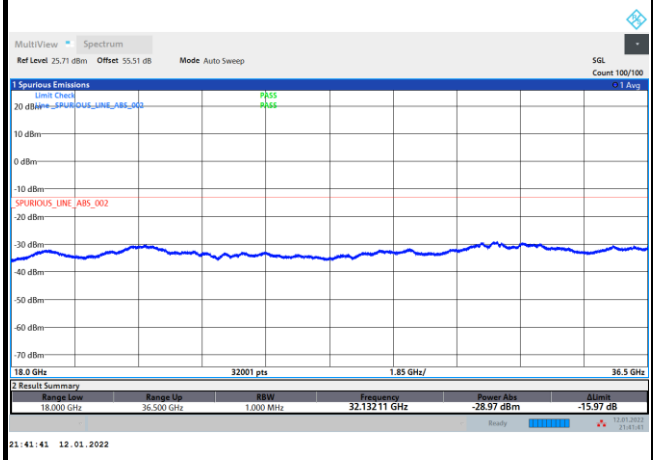
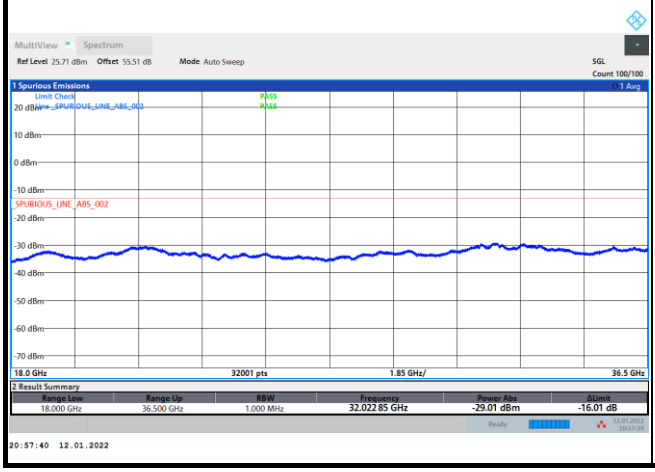


Highest Channel / 100MHz



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

DFT-s-OFDM Module 1

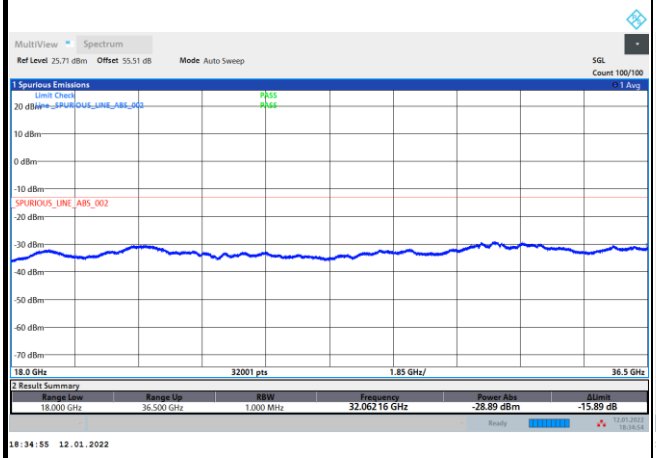
NR Band n260 QPSK (18-36.5GHz)	
Lowest Channel / 200MHz	
	**intentionally blank**
Middle Channel / 200MHz	
	**intentionally blank**
Highest Channel / 200MHz	
	**intentionally blank**

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

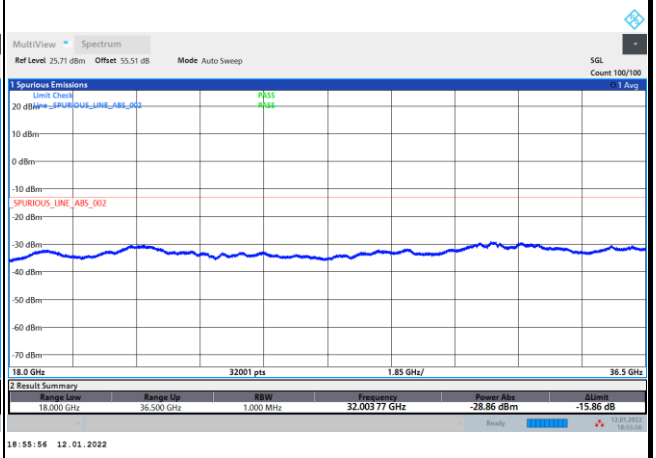
CP-OFDM Module 1

NR Band n260 QPSK (18-36.5GHz)

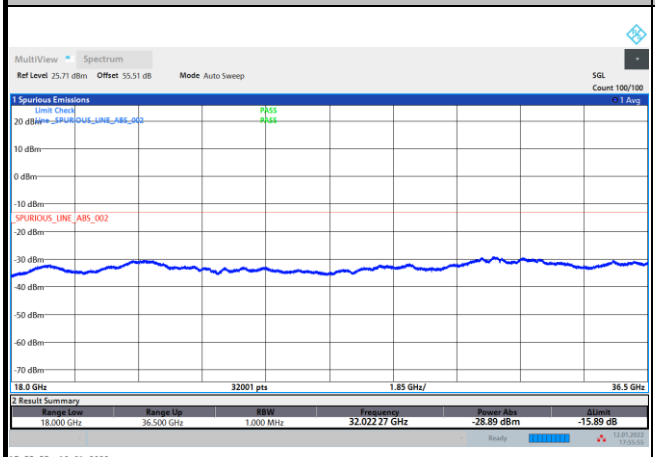
Lowest Channel / 50MHz



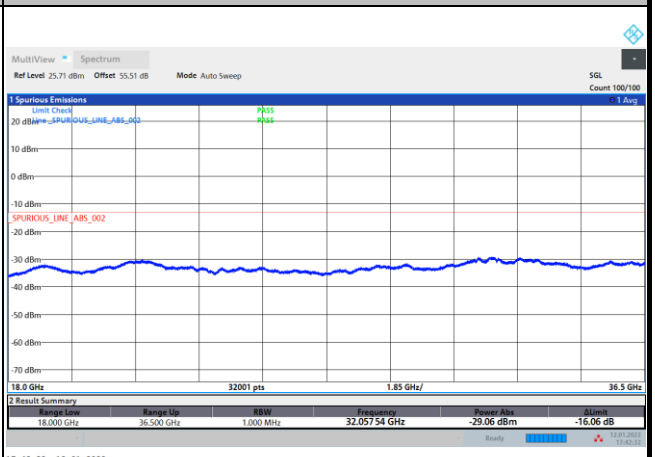
Lowest Channel / 100MHz



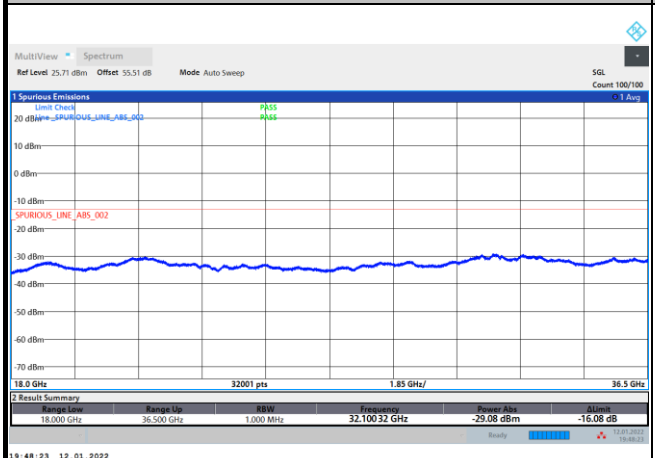
Middle Channel / 50MHz



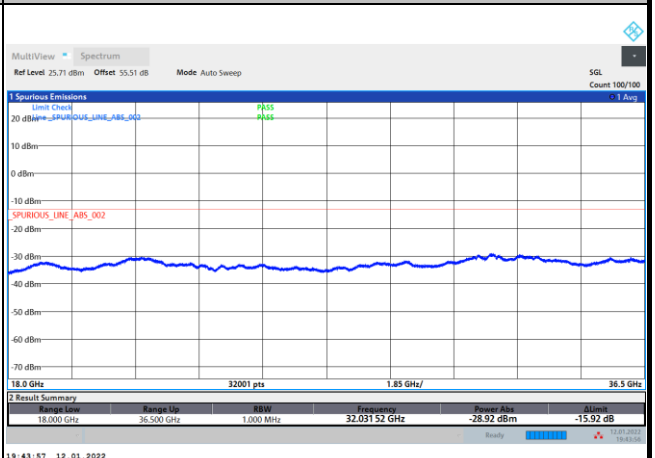
Middle Channel / 100MHz



Highest Channel / 50MHz

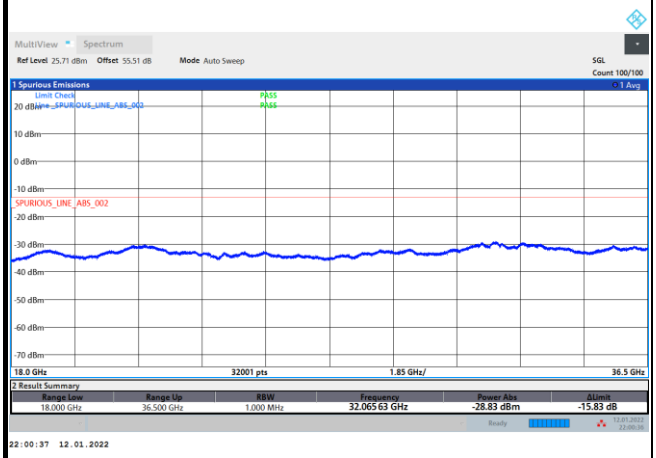
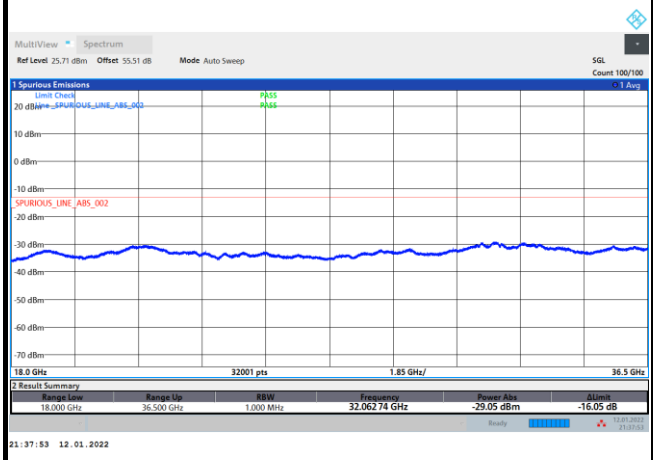
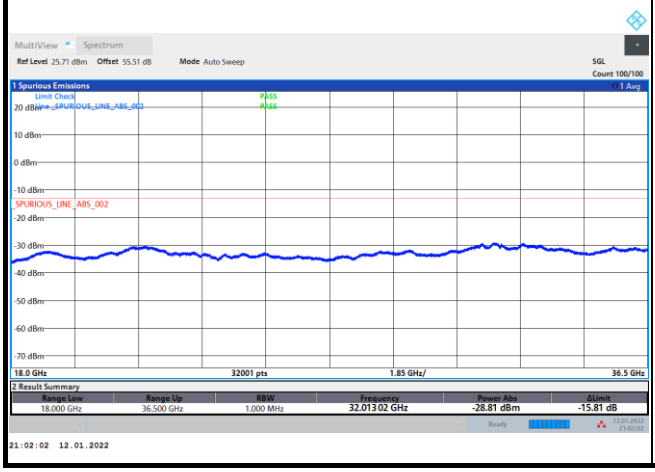


Highest Channel / 100MHz



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

CP-OFDM Module 1

NR Band n260 QPSK (18-36.5GHz)	
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.

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	38.49992258	78.140	2.030	PASS
40	Normal Voltage	38.49995731	43.410	1.128	
30	Normal Voltage	38.49999276	7.960	0.207	
20(Ref.)	Normal Voltage	38.50000072	0.000	0.000	
10	Normal Voltage	38.50006802	-67.300	1.748	
0	Normal Voltage	38.5002686	-267.880	6.958	
-10	Normal Voltage	38.5003114	-310.680	8.070	
-20	Normal Voltage	38.5003323	-331.580	8.612	
-30	Normal Voltage	38.5003056	-304.880	7.919	
20	Maximum Voltage	38.50001013	-9.410	0.244	
20	Normal Voltage	38.5	0.000	0.000	
20	Battery End Point	38.49998046	20.260	0.526	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.45 V.
2. The frequency fundamental emissions stay within the operation band.

NR Band n260 Module 1

AG1

Occupied Bandwidth

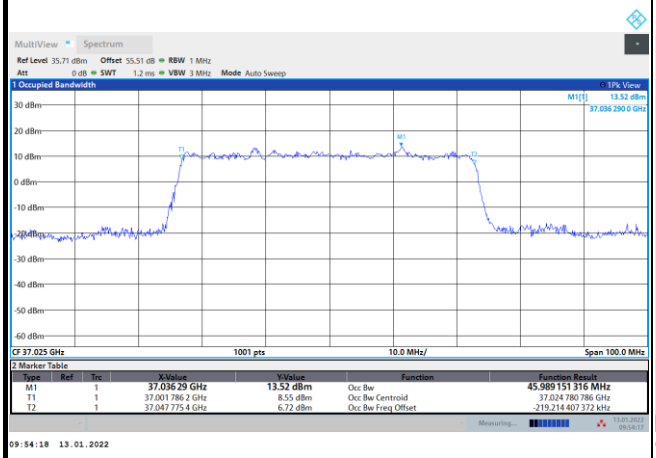
Mode	DFT-s-OFDM Module 1 NR Band n260 : 99%OBW(MHz)											
BW	50MHz				100MHz				200MHz			
Mod.	BPSK	QPSK	16QAM	64QAM	BPSK	QPSK	16QAM	64QAM	BPSK	QPSK	16QAM	64QAM
Lowest CH	45.98	45.95	46.17	46.05	91.28	91.47	91.66	91.77	189.13	189.65	190.88	191.99
Middle CH	45.97	45.84	46.15	46.00	91.56	91.65	91.74	91.27	186.35	186.60	187.98	187.55
Highest CH	45.83	45.88	46.18	46.13	91.23	91.34	91.42	91.49	187.16	187.70	190.24	188.63

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	46.13	45.99	45.95	91.67	91.92	91.79	189.54	191.23	191.50
Middle CH	46.07	45.92	45.83	91.56	91.58	91.41	188.10	188.34	188.24
Highest CH	46.10	45.91	46.06	91.42	91.69	91.48	188.28	188.65	189.89

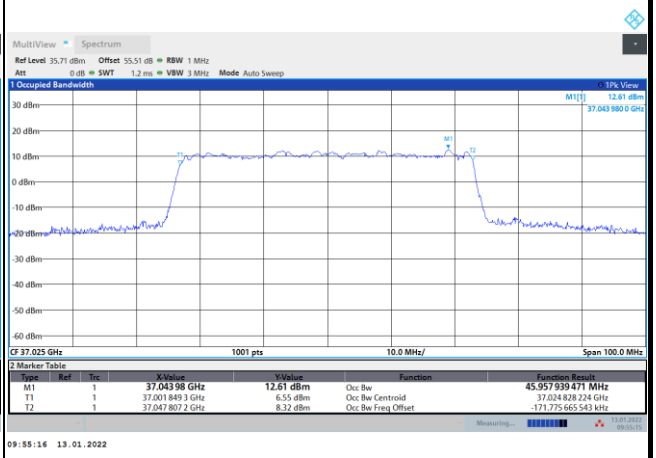
DFT-s-OFDM Module 1

NR Band n260

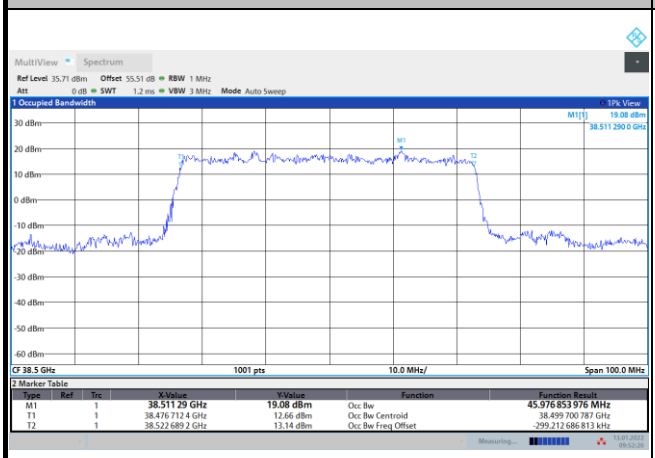
Lowest Channel / 50MHz / BPSK



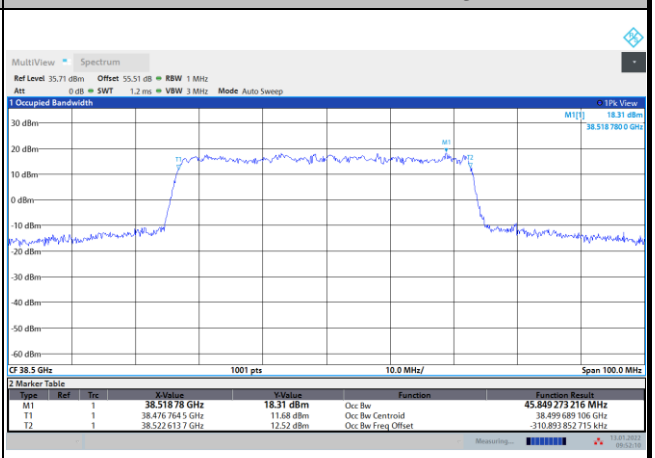
Lowest Channel / 50MHz / QPSK



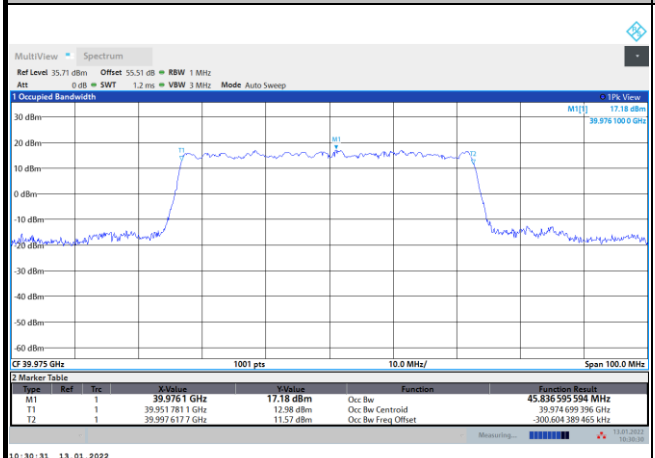
Middle Channel / 50MHz / BPSK



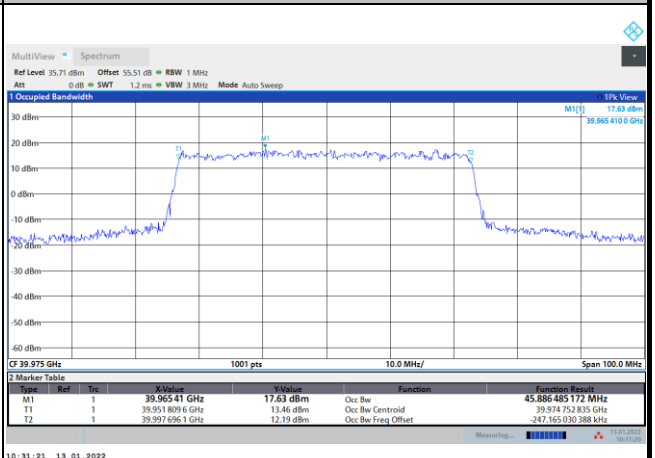
Middle Channel / 50MHz / QPSK



Highest Channel / 50MHz / BPSK



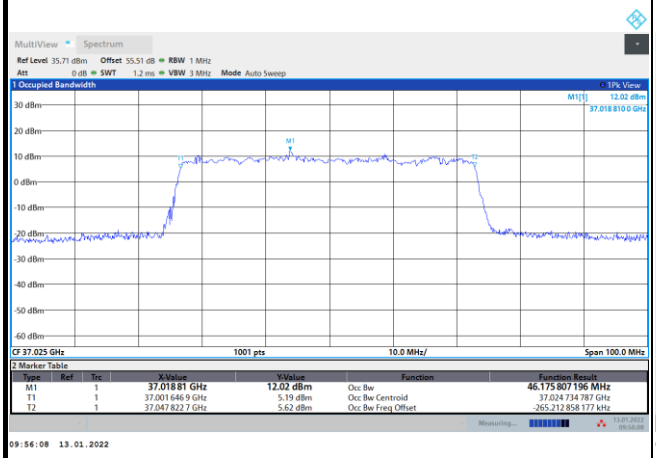
Highest Channel / 50MHz / QPSK



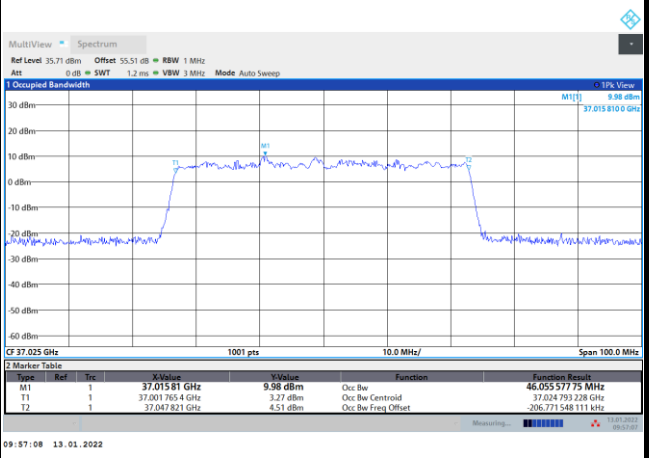
DFT-s-OFDM Module 1

NR Band n260

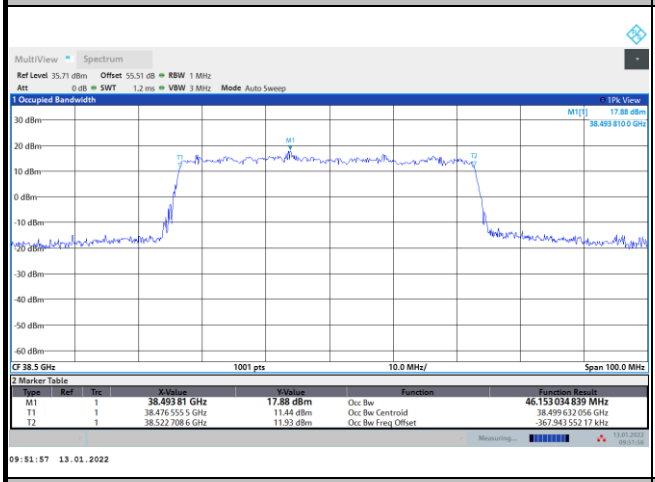
Lowest Channel / 50MHz / 16QAM



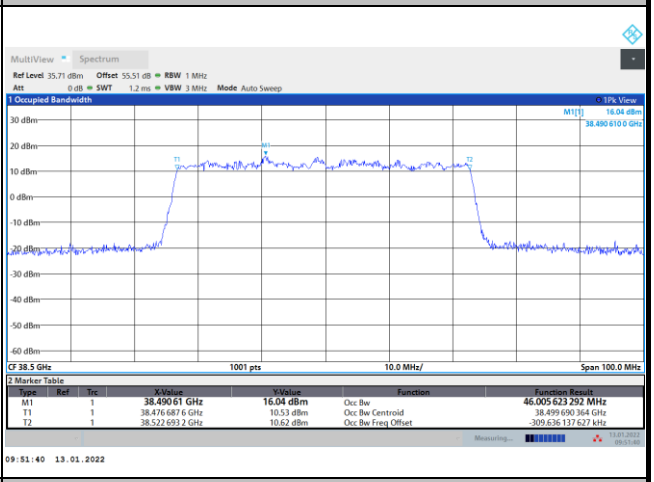
Lowest Channel / 50MHz / 64QAM



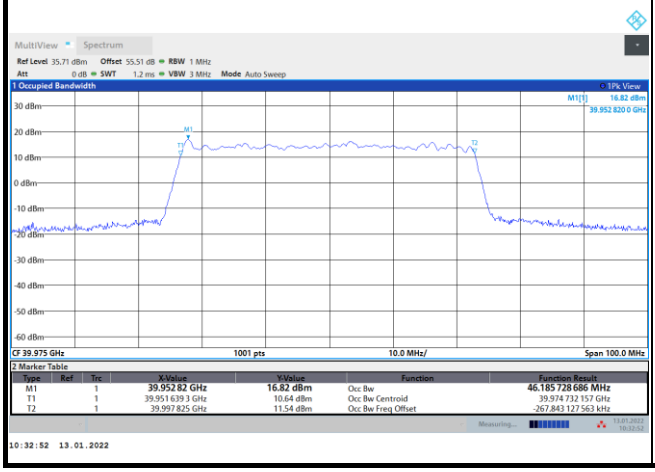
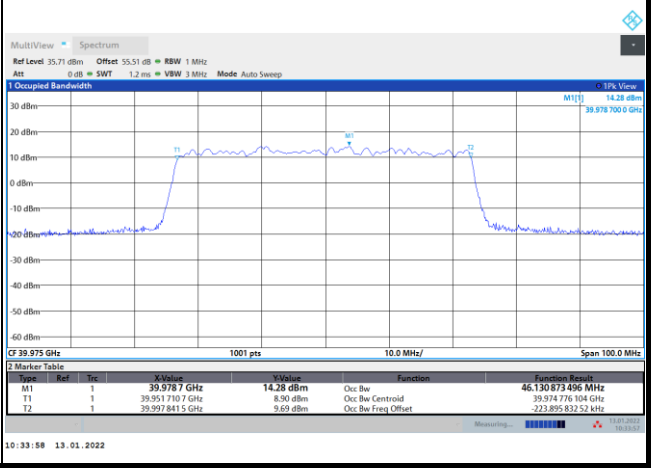
Middle Channel / 50MHz / 16QAM



Middle Channel / 50MHz / 64QAM



Highest Channel / 50MHz / 16QAM



Highest Channel / 50MHz / 64QAM