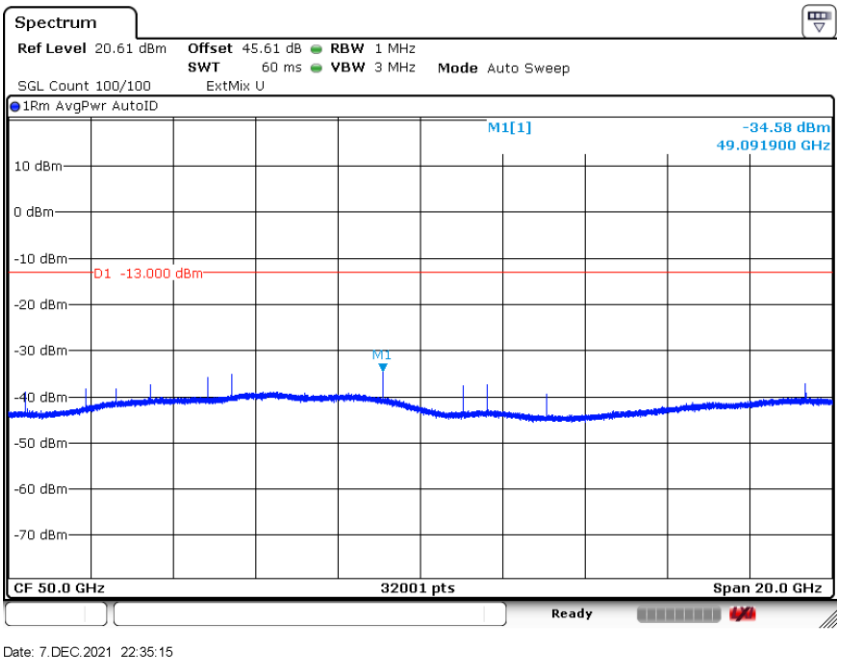
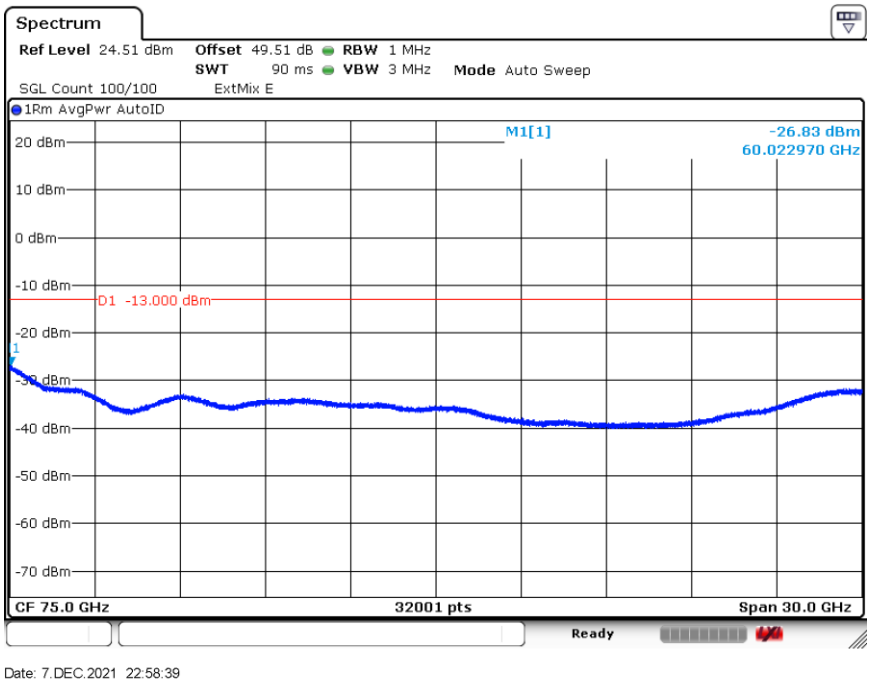
NR Band n260
(40GHz-60GHz)



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

= 43 + 0.41 + 107 + 20log(1) – 104.8 = 45.61 (dB)

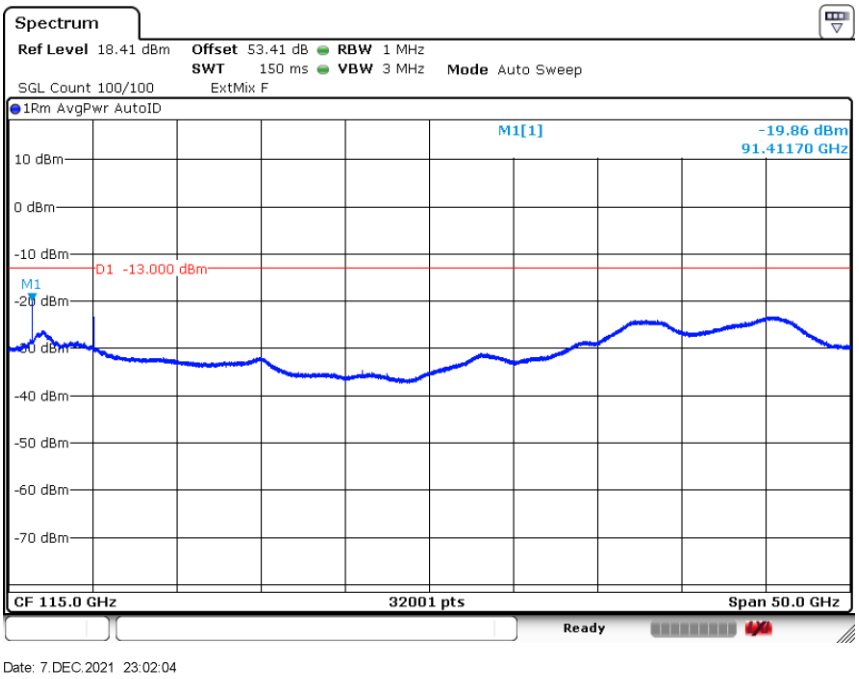
NR Band n260
(60GHz-90GHz)



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

= 46.9 + 0.41 + 107 + 20log(1) – 104.8 = 49.51 (dB)

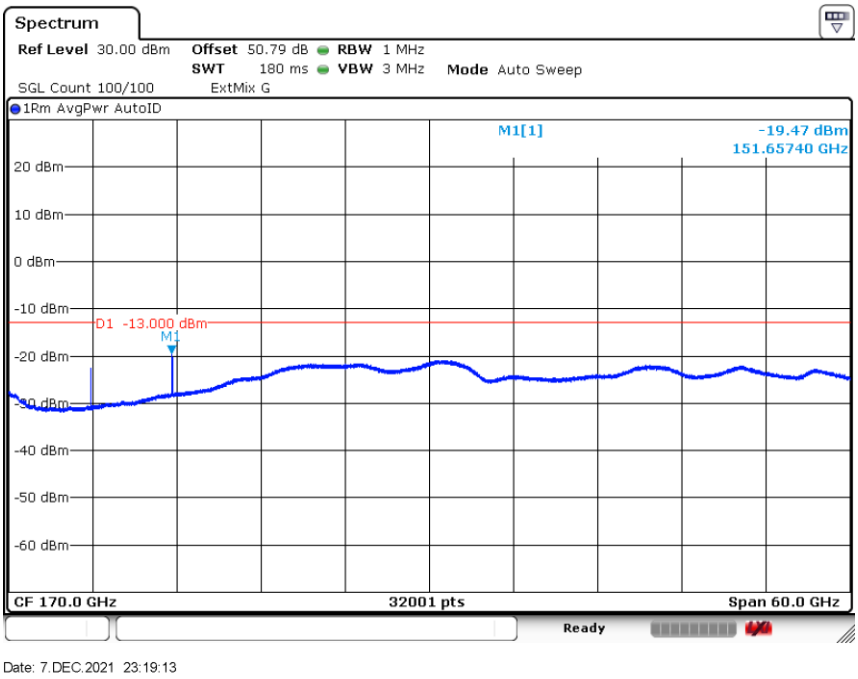
NR Band n260
(90GHz-140GHz)



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

= 50.08 + 0.41 + 107 + 20log(1) – 104.8 = 53.41 (dB)

NR Band n260
(140GHz-200GHz)



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

= 53.4 + 0.41 + 107 + 20log(0.5) – 104.8 = 50.79 (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	38.4998891	110.900	2.881	PASS
40	Normal Voltage	38.4998901	109.900	2.855	
30	Normal Voltage	38.4999231	76.900	1.997	
20(Ref.)	Normal Voltage	38.5	0.000	0.000	
10	Normal Voltage	38.499997	3.000	0.078	
0	Normal Voltage	38.500006	-6.000	0.156	
-10	Normal Voltage	38.500115	-115.000	2.987	
-20	Normal Voltage	38.5002847	-284.700	7.395	
-30	Normal Voltage	38.5002837	-283.700	7.369	
20	Maximum Voltage	38.499999	1.000	0.026	
20	Normal Voltage	38.5	0.000	0.000	
20	Battery End Point	38.500002	-2.000	0.052	

Note:

1. Normal Voltage =3.85 V.；Battery End Point (BEP) =3.4 V.；Maximum Voltage =4.4V.
2. The frequency fundamental emissions stay within the operation band.

NR Band n260 Module 1 AG0

Occupied Bandwidth

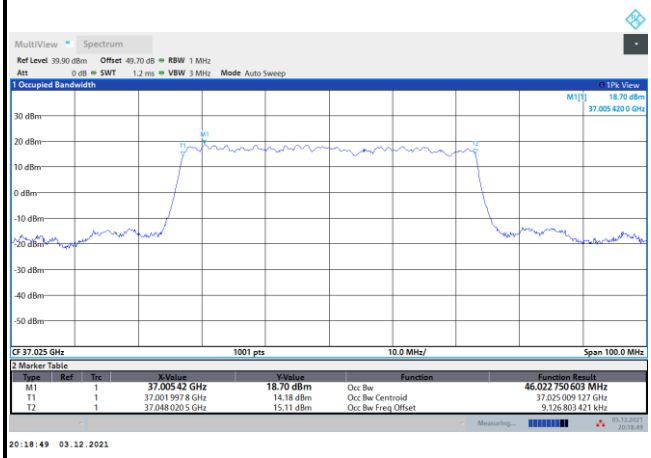
Mode	DFT-s-OFDM Module 1 NR Band n260 : 99%OBW(MHz)							
BW	50MHz				100MHz			
Mod.	BPSK	QPSK	16QAM	64QAM	BPSK	QPSK	16QAM	64QAM
Lowest CH	46.02	45.83	45.96	46.00	91.37	91.50	91.20	91.55
Middle CH	46.03	45.89	45.94	45.97	91.41	91.53	91.14	91.46
Highest CH	45.98	45.93	45.87	45.91	91.33	91.61	90.95	91.38

Mode	CP-OFDM Module 1 NR Band n260 : 99%OBW(MHz)	
BW	50MHz	100MHz
Mod.	QPSK	QPSK
Lowest CH	45.95	94.30
Middle CH	45.91	94.34
Highest CH	45.94	94.38

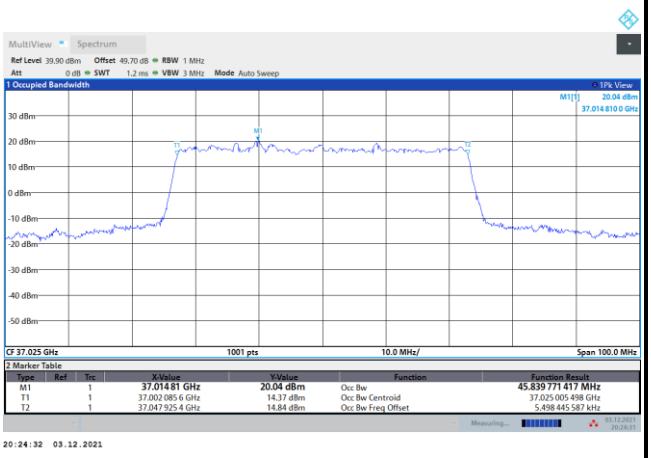
DFT-s-OFDM Module 1

NR Band n260

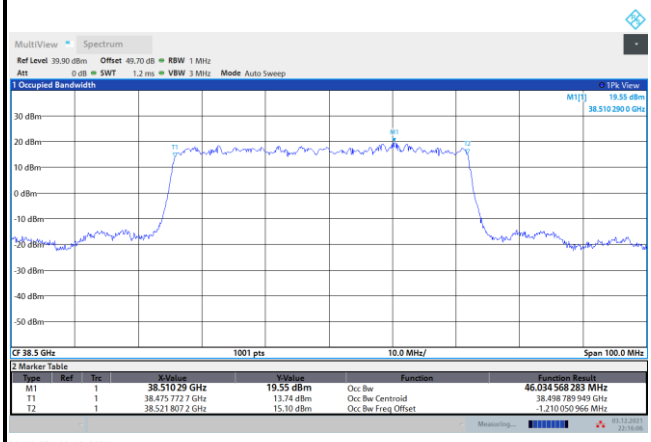
Lowest Channel / 50MHz / BPSK



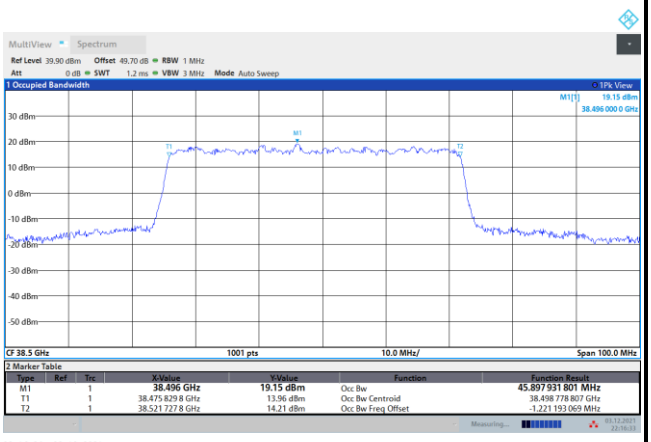
Lowest Channel / 50MHz / QPSK



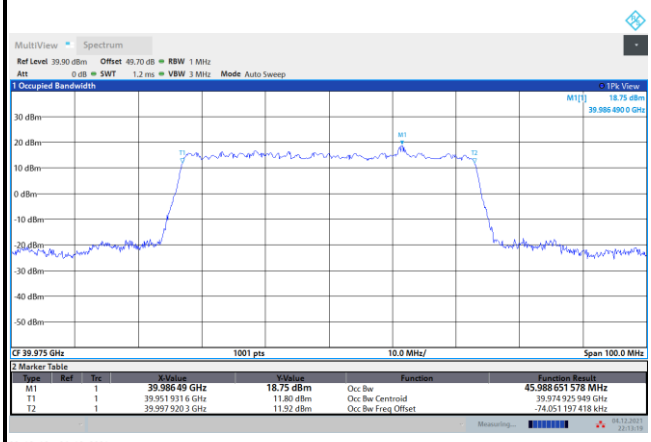
Middle Channel / 50MHz / BPSK



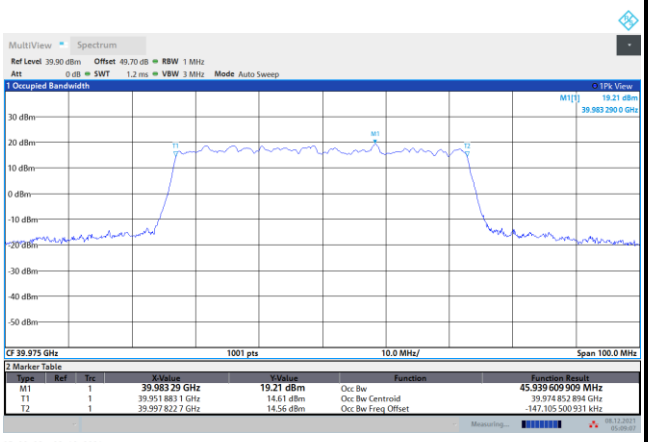
Middle Channel / 50MHz / QPSK



Highest Channel / 50MHz / BPSK



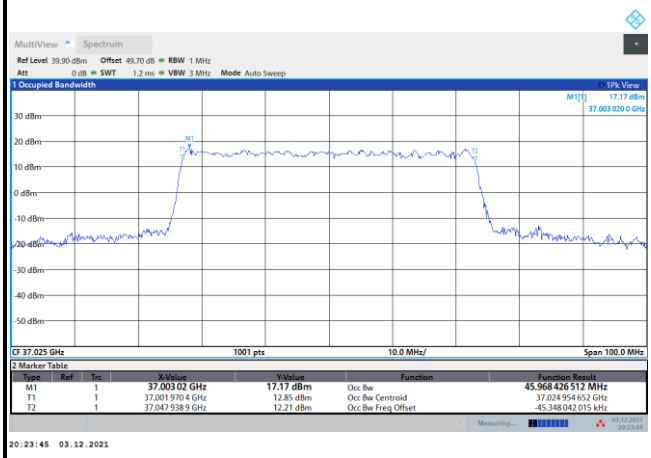
Highest Channel / 50MHz / QPSK



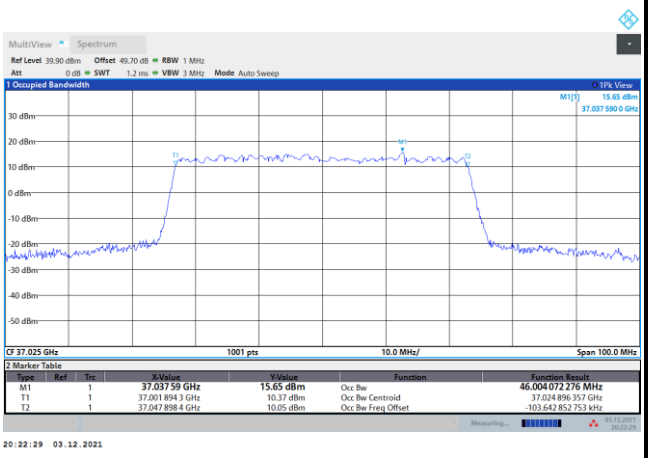
DFT-s-OFDM Module 1

NR Band n260

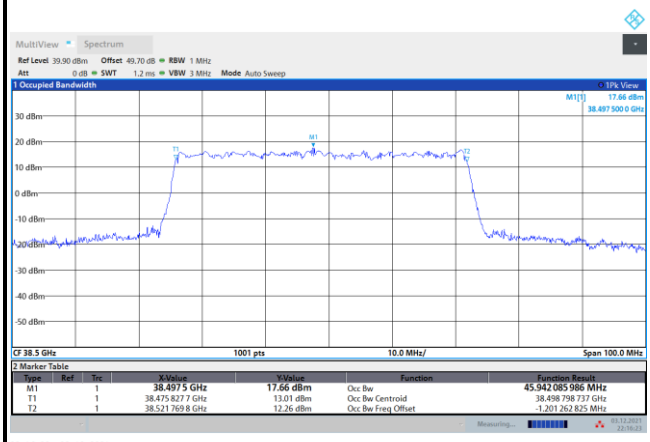
Lowest Channel / 50MHz / 16QAM



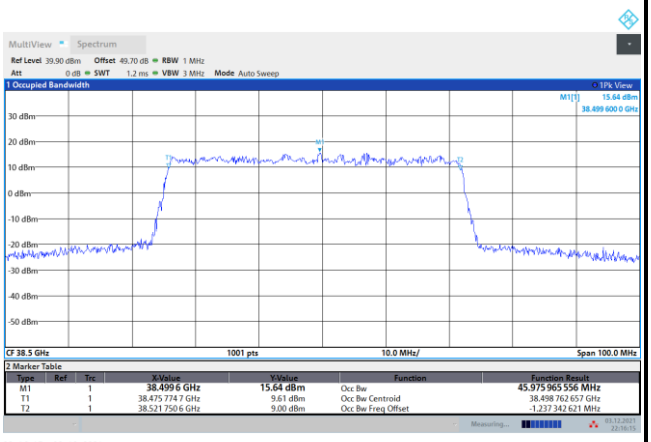
Lowest Channel / 50MHz / 64QAM



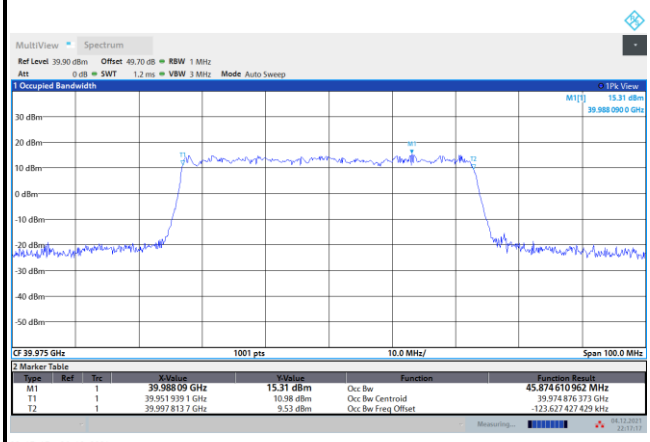
Middle Channel / 50MHz / 16QAM



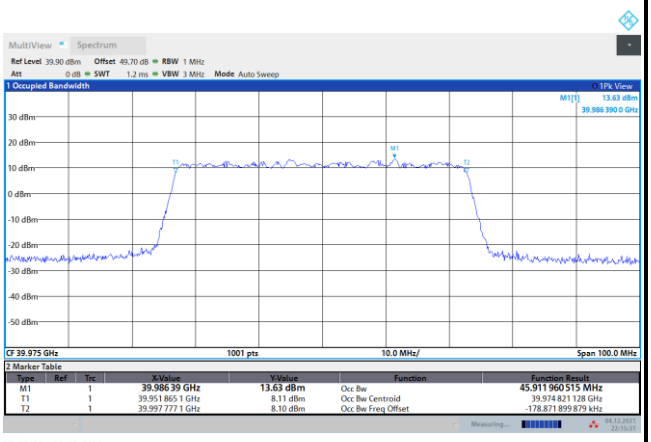
Middle Channel / 50MHz / 64QAM



Highest Channel / 50MHz / 16QAM



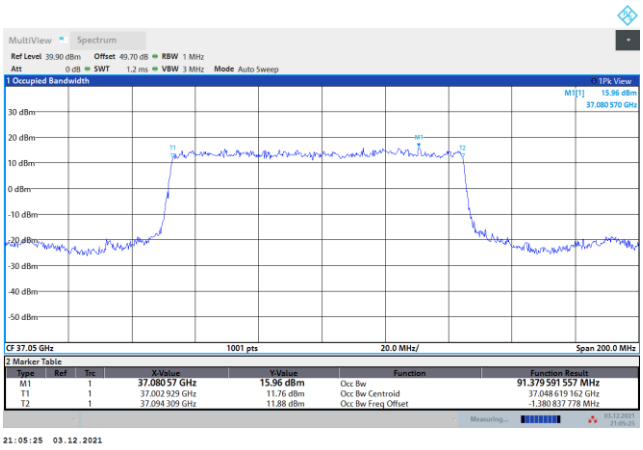
Highest Channel / 50MHz / 64QAM



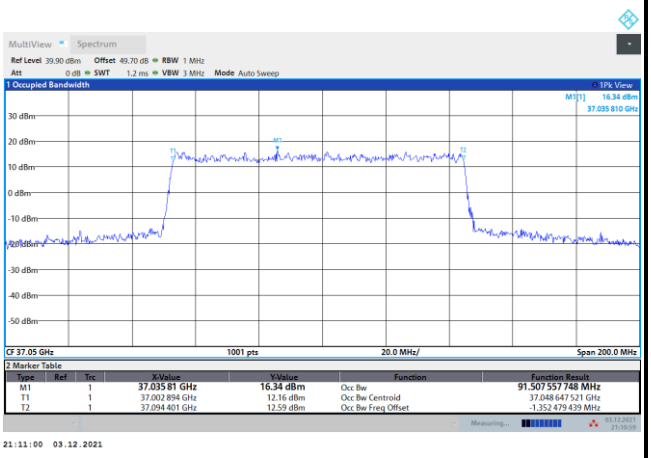
DFT-s-OFDM Module 1

NR Band n260

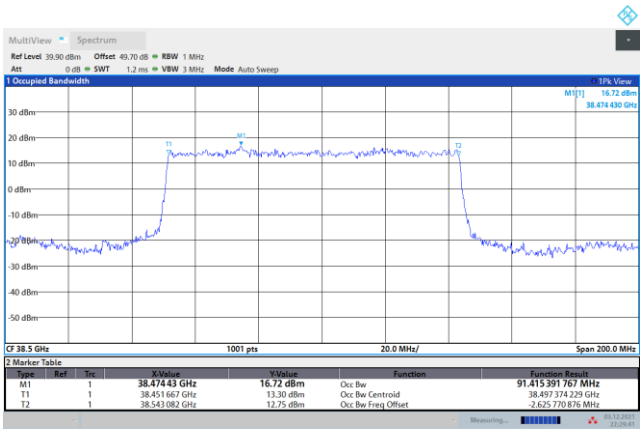
Lowest Channel / 100MHz / BPSK



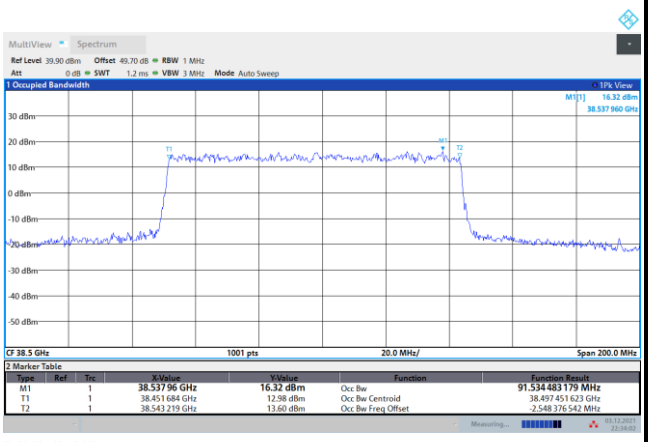
Lowest Channel / 100MHz / QPSK



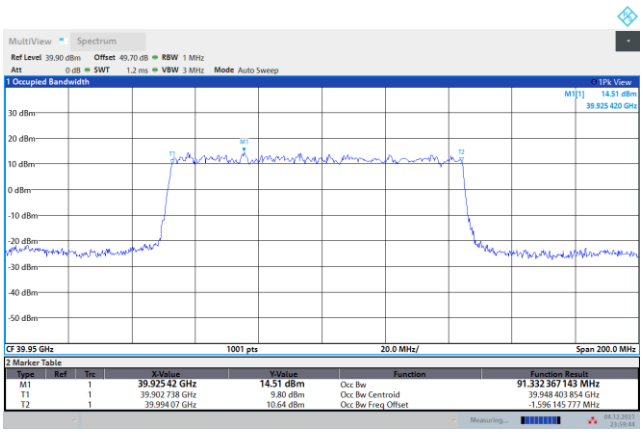
Middle Channel / 100MHz / BPSK



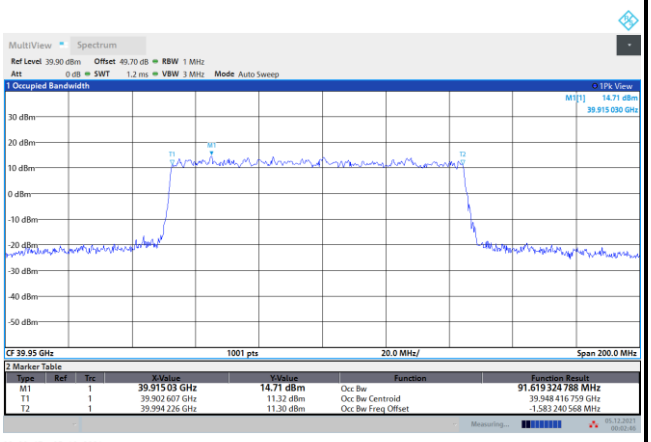
Middle Channel / 100MHz / QPSK



Highest Channel / 100MHz / BPSK



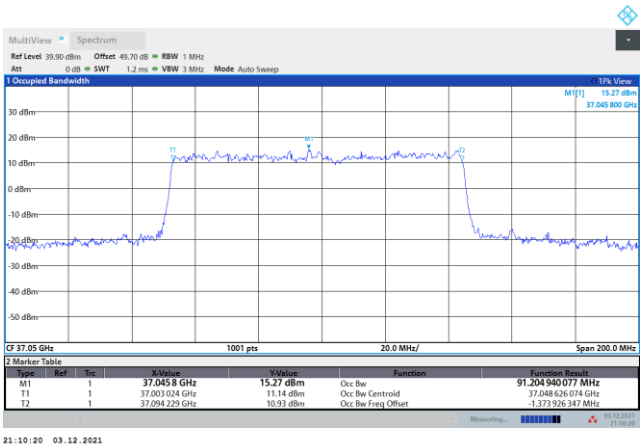
Highest Channel / 100MHz / QPSK



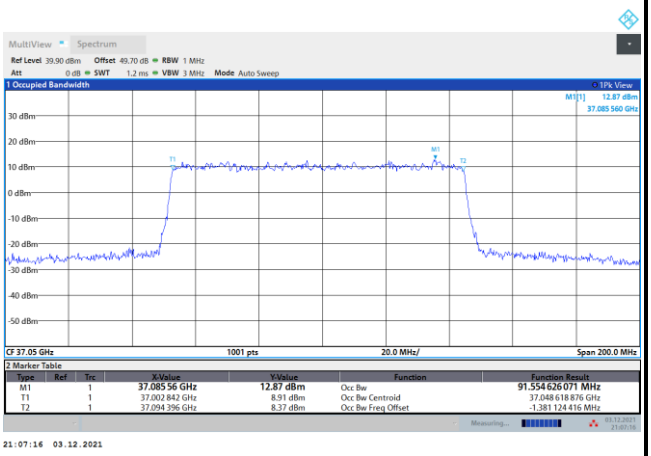
DFT-s-OFDM Module 1

NR Band n260

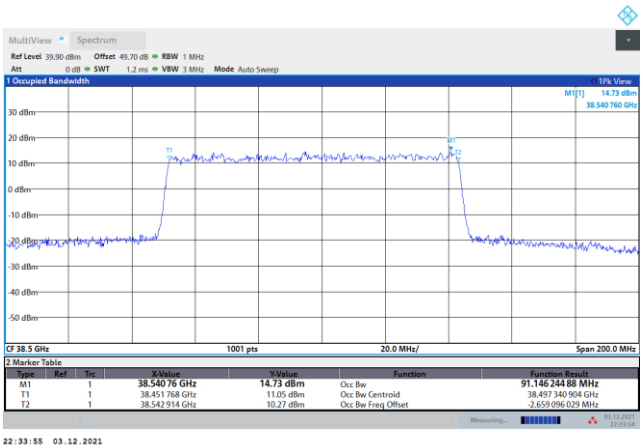
Lowest Channel / 100MHz / 16QAM



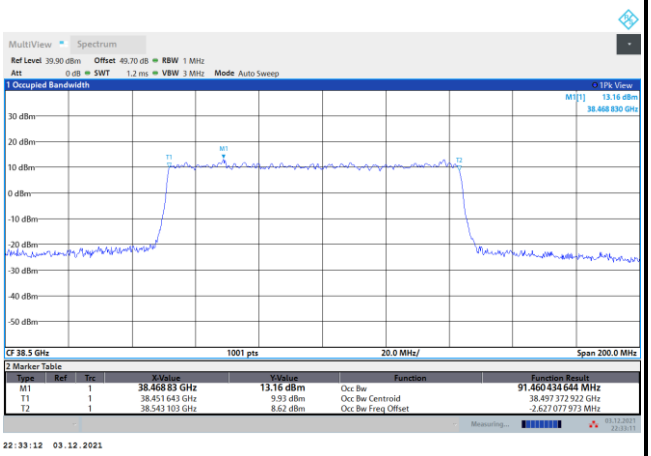
Lowest Channel / 100MHz / 64QAM



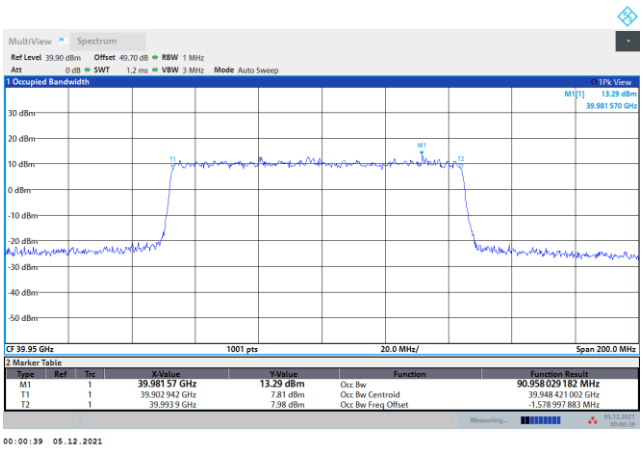
Middle Channel / 100MHz / 16QAM



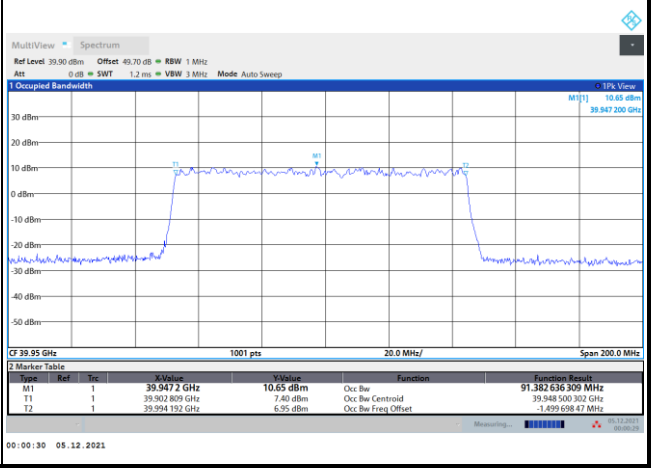
Middle Channel / 100MHz / 64QAM



Highest Channel / 100MHz / 16QAM



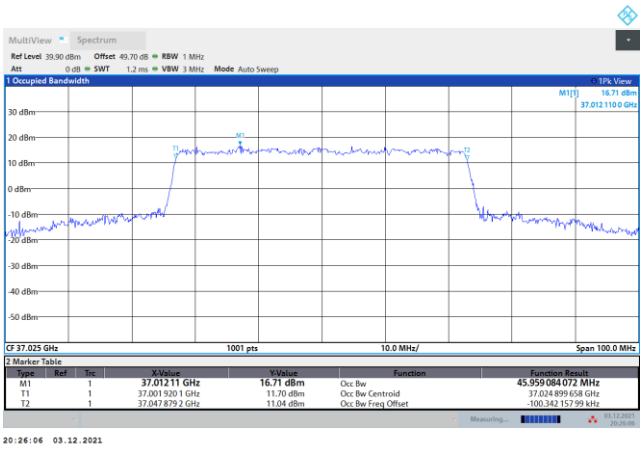
Highest Channel / 100MHz / 64QAM



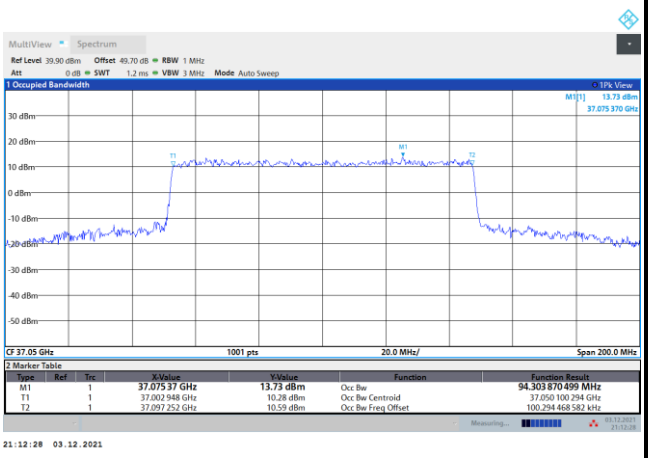
CP-OFDM Module 1

NR Band n260

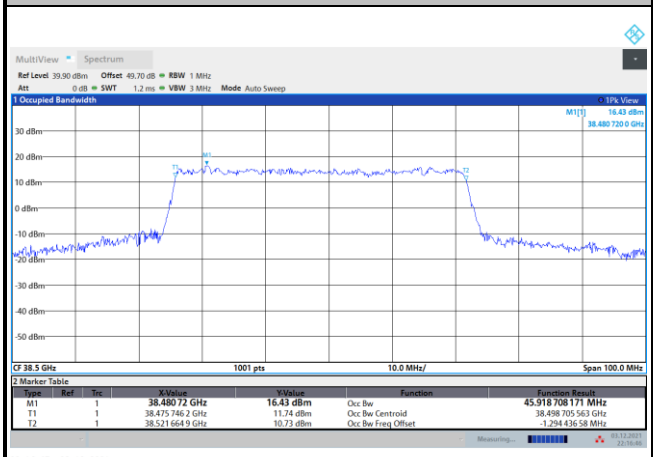
Lowest Channel / 50MHz / QPSK



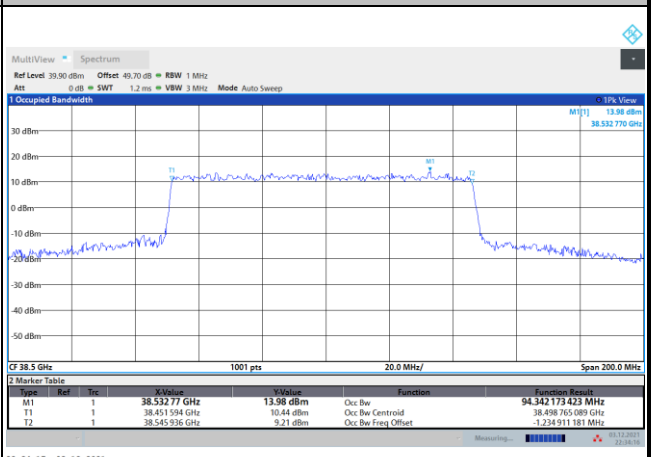
Lowest Channel / 100MHz / QPSK



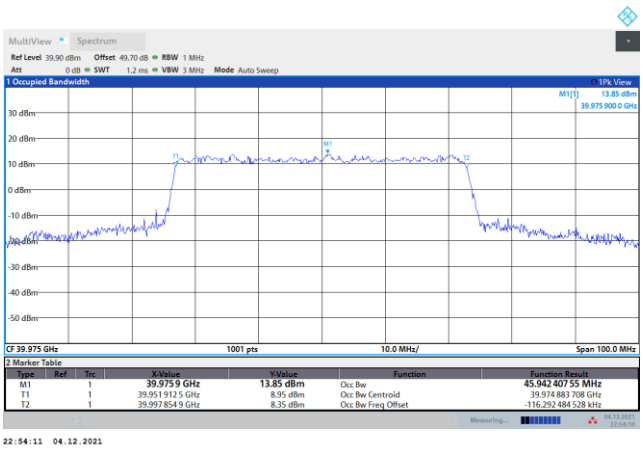
Middle Channel / 50MHz / QPSK



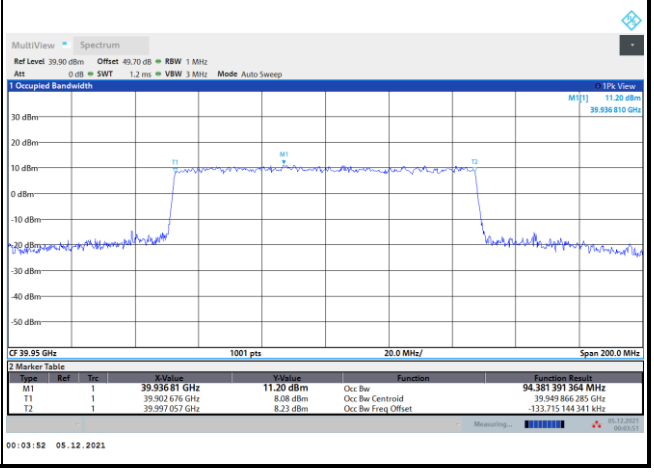
Middle Channel / 100MHz / QPSK



Highest Channel / 50MHz / QPSK



Highest Channel / 100MHz / QPSK



Radiated Out of Band Emissions

Mode			DFT-s-OFDM Module 1 NR Band n260 : BE (dBm) 1 RB							
BW			50MHz				100MHz			
Limit (dBm)			BPSK	QPSK	16QAM	64QAM	BPSK	QPSK	16QAM	64QAM
Low CH	0~10%OB	≦-5	-9.33	-7.66	-9.74	-8.42	-9.22	-10.81	-11.60	-12.81
	>10%OB	≦-13	-24.65	-25.13	-25.72	-26.91	-29.52	-29.90	-30.18	-31.55
High CH	0~10%OB	≦-5	-12.20	-12.49	-12.50	-12.68	-14.97	-14.29	-14.63	-15.81
	>10%OB	≦-13	-26.73	-26.58	-27.16	-29.38	-30.51	-30.38	-30.40	-31.79
Result			Compliance							

Mode			CP-OFDM Module 1 NR Band n260 : BE (dBm) 1 RB	
BW			50MHz	100MHz
Limit (dBm)			QPSK	QPSK
Low CH	0~10%OB	≦-5	-8.16	-10.77
	>10%OB	≦-13	-26.23	-30.76
High CH	0~10%OB	≦-5	-14.49	-17.24
	>10%OB	≦-13	-28.15	-31.44
Result			Compliance	

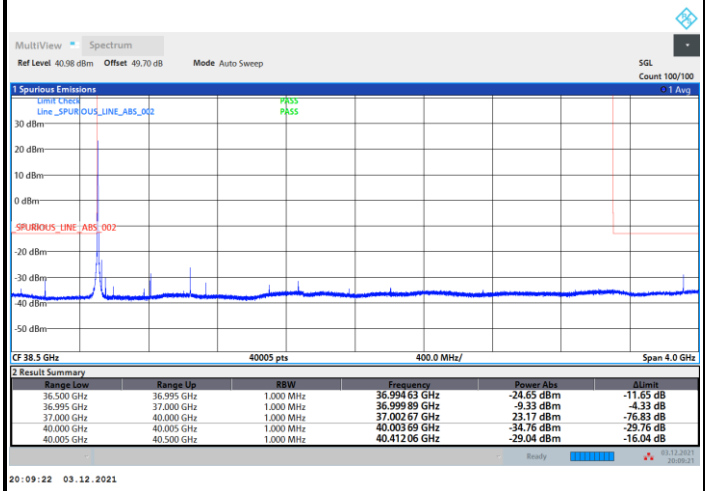
Mode			DFT-s-OFDM Module 1 NR Band n260 : BE (dBm) Full RB							
BW			50MHz				100MHz			
Limit (dBm)			BPSK	QPSK	16QAM	64QAM	BPSK	QPSK	16QAM	64QAM
Low CH	0~10%OB	≦-5	-19.90	-19.14	-21.46	-24.06	-22.26	-21.78	-24.89	-26.98
	>10%OB	≦-13	-25.29	-21.47	-24.84	-29.65	-27.31	-24.23	-27.49	-31.26
High CH	0~10%OB	≦-5	-22.68	-23.30	-23.80	-26.81	-29.59	-27.63	-30.06	-32.19
	>10%OB	≦-13	-28.75	-26.75	-29.90	-32.73	-31.06	-29.76	-31.43	-31.93
Result			Compliance							

Mode			CP-OFDM Module 1 NR Band n260 : BE (dBm) Full RB	
BW			50MHz	100MHz
Limit (dBm)			QPSK	QPSK
Low CH	0~10%OB	≦-5	-19.22	-21.76
	>10%OB	≦-13	-20.84	-24.00
High CH	0~10%OB	≦-5	-23.52	-26.45
	>10%OB	≦-13	-26.77	-28.59
Result			Compliance	

DFT-s-OFDM Module 1

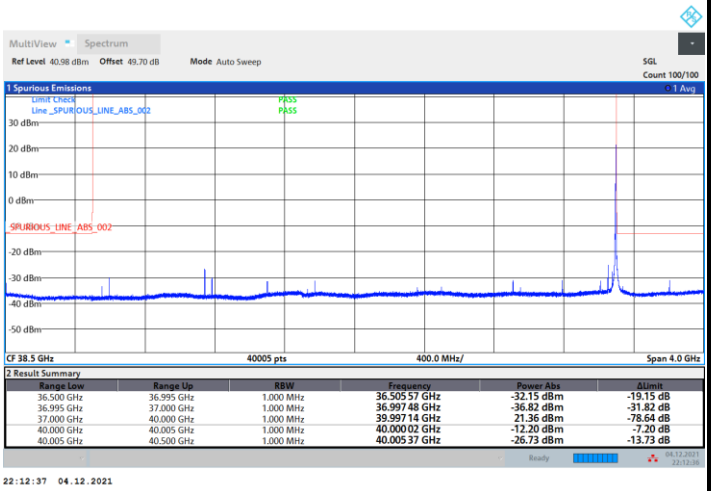
NR Band n260 / 50MHz / BPSK

Lowest Band Edge / 1 RB



20:09:22 03.12.2021

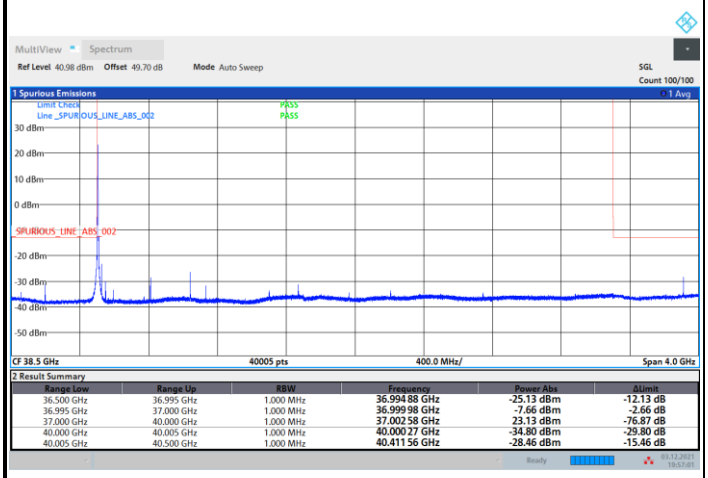
Highest Band Edge / 1 RB



22:12:37 04.12.2021

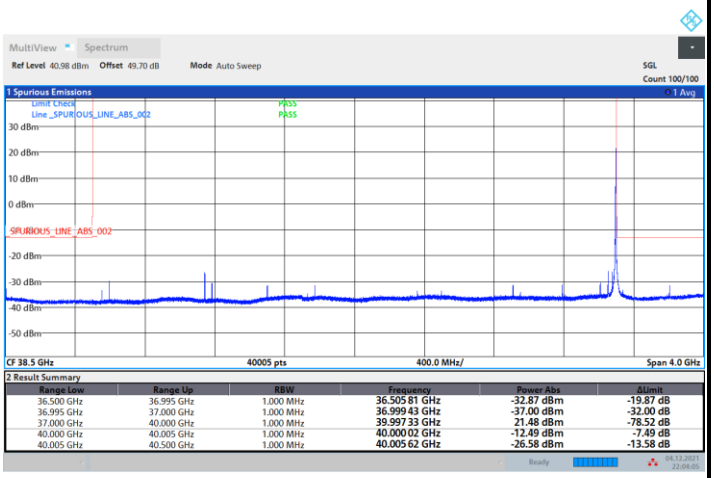
NR Band n260 / 50MHz / QPSK

Lowest Band Edge / 1 RB



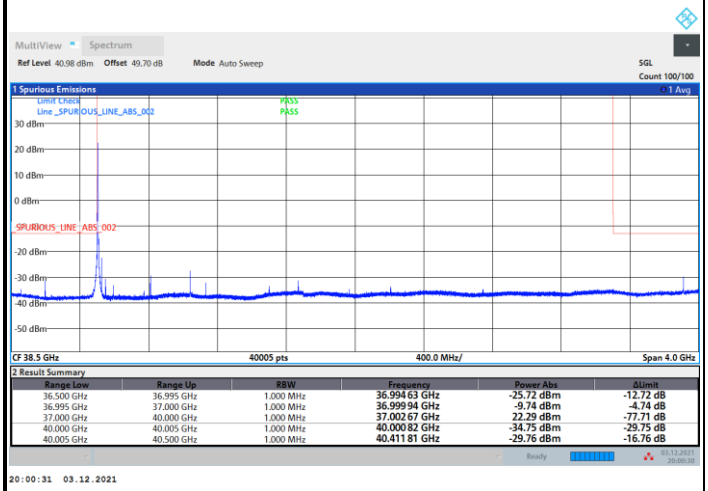
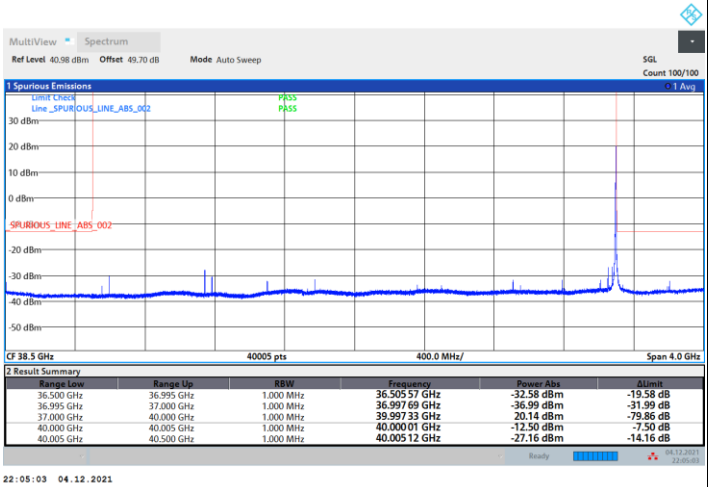
19:57:01 03.12.2021

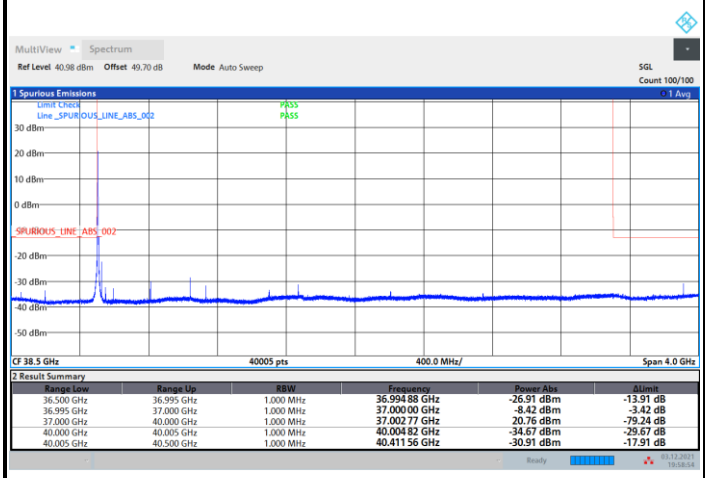
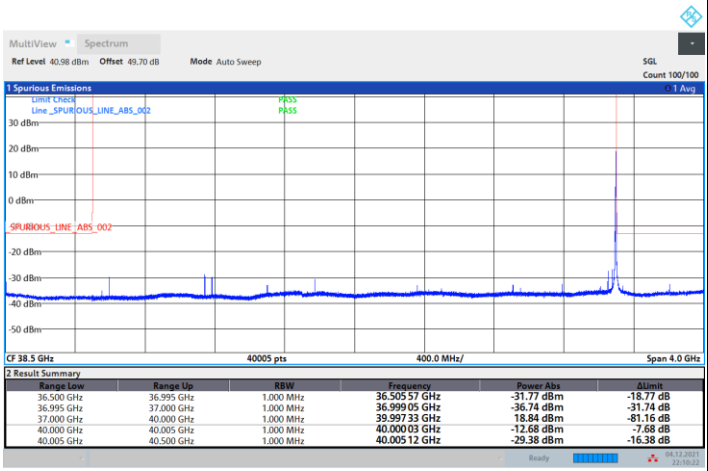
Highest Band Edge / 1 RB



22:04:06 04.12.2021

DFT-s-OFDM Module 1

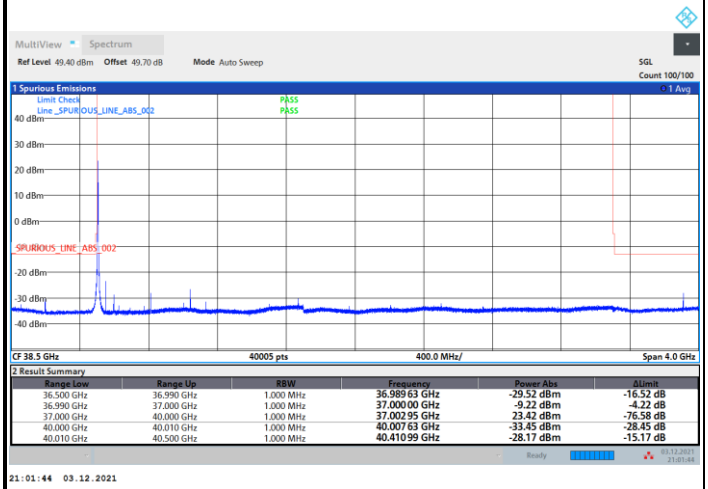
NR Band n260 / 50MHz / 16QAM	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	

NR Band n260 / 50MHz / 64QAM	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	

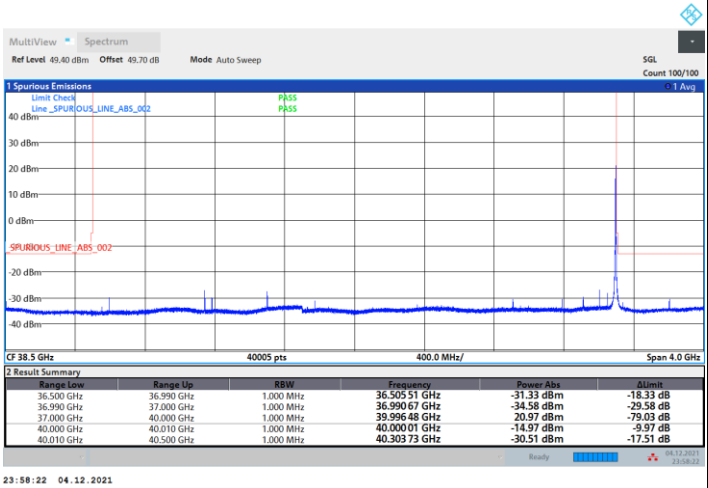
DFT-s-OFDM Module 1

NR Band n260 / 100MHz / BPSK

Lowest Band Edge / 1 RB

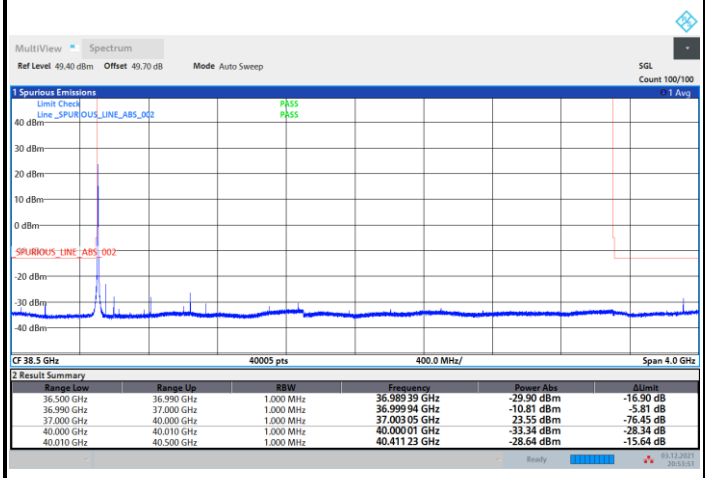


Highest Band Edge / 1 RB

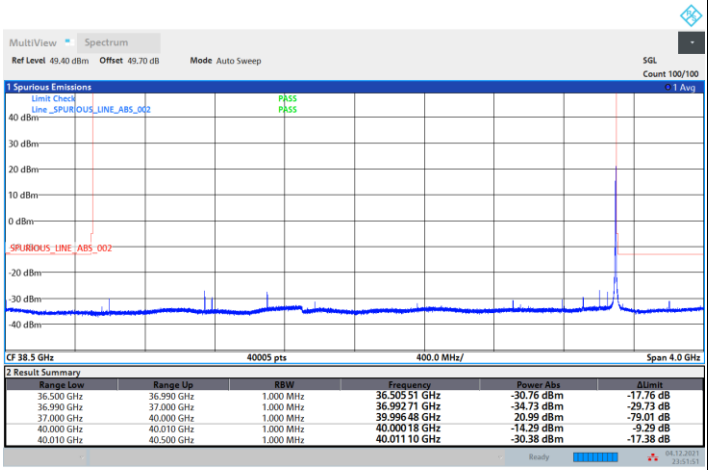


NR Band n260 / 100MHz / QPSK

Lowest Band Edge / 1 RB



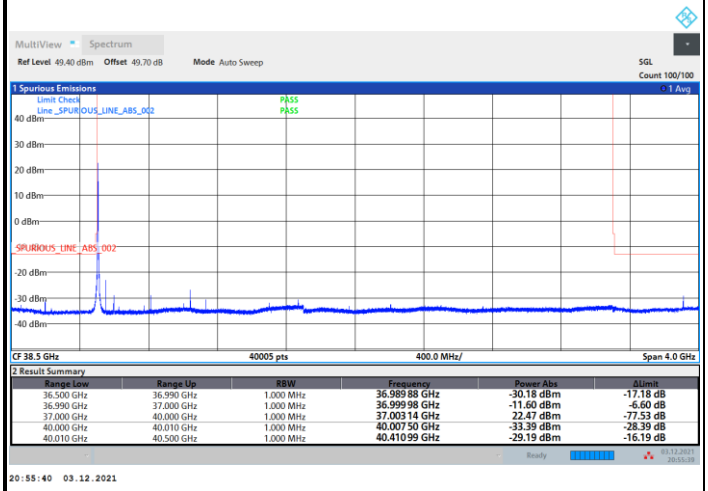
Highest Band Edge / 1 RB



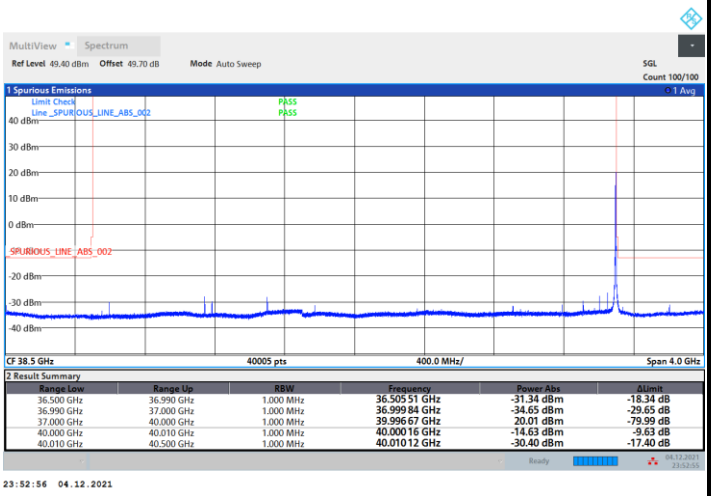
DFT-s-OFDM Module 1

NR Band n260 / 100MHz / 16QAM

Lowest Band Edge / 1 RB

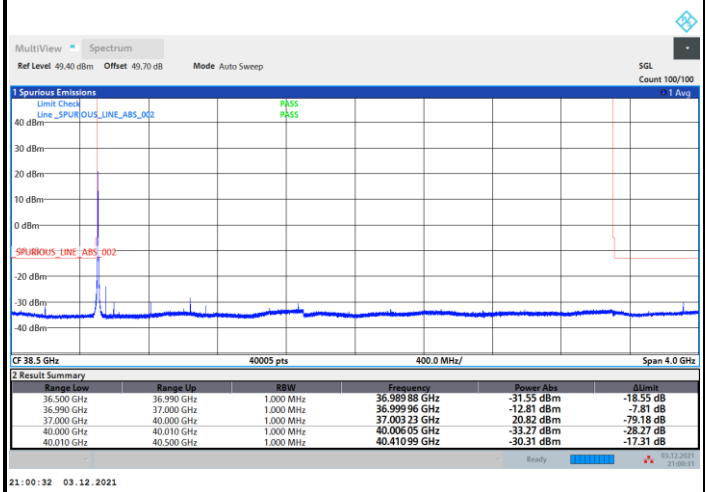


Highest Band Edge / 1 RB

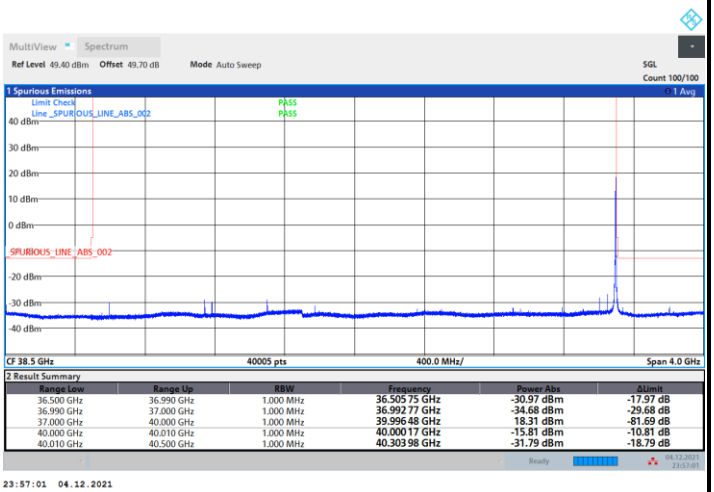


NR Band n260 / 100MHz / 64QAM

Lowest Band Edge / 1 RB



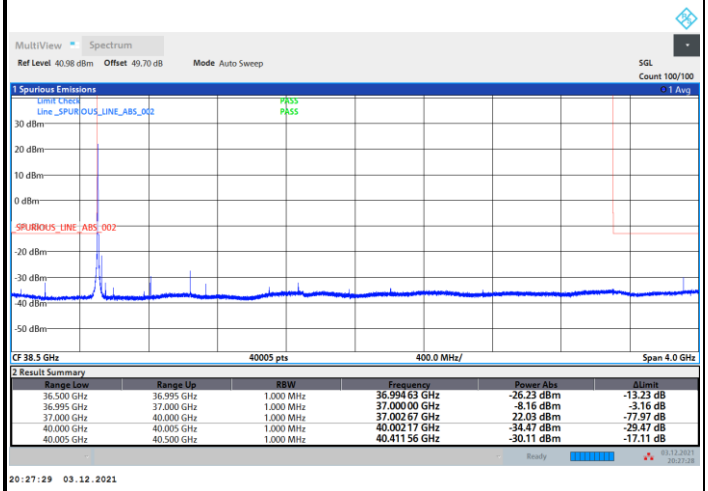
Highest Band Edge / 1 RB



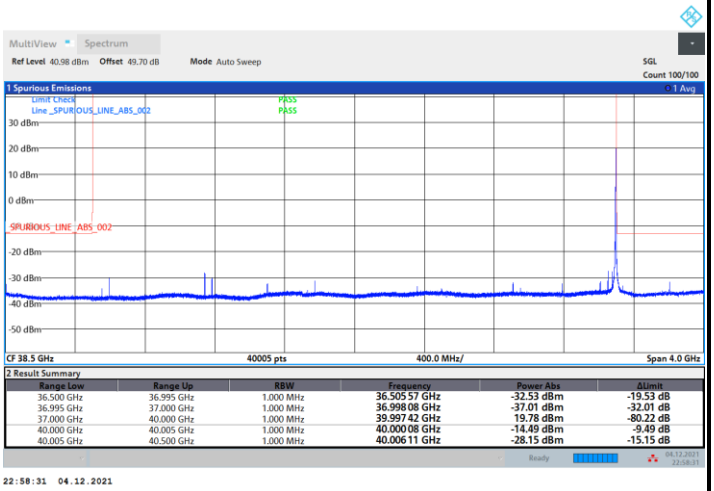
CP-OFDM Module 1

NR Band n260 / 50MHz / QPSK

Lowest Band Edge / 1 RB

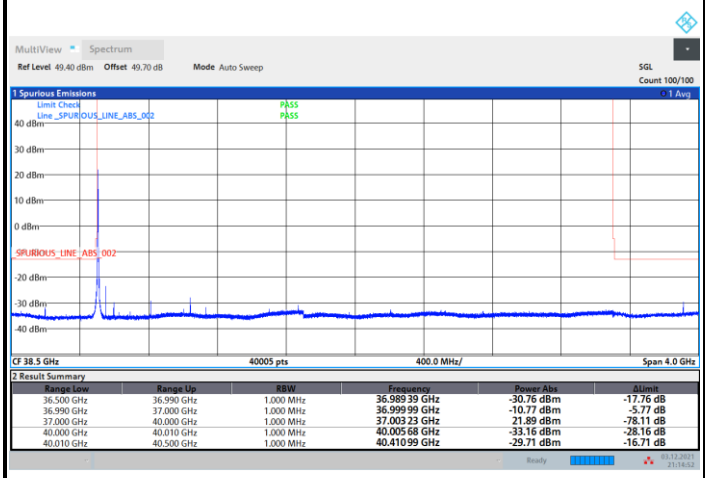


Highest Band Edge / 1 RB

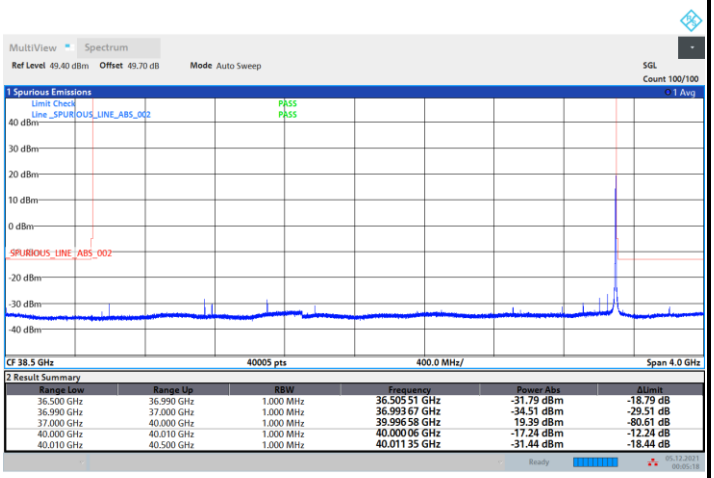


NR Band n260 / 100MHz / QPSK

Lowest Band Edge / 1 RB



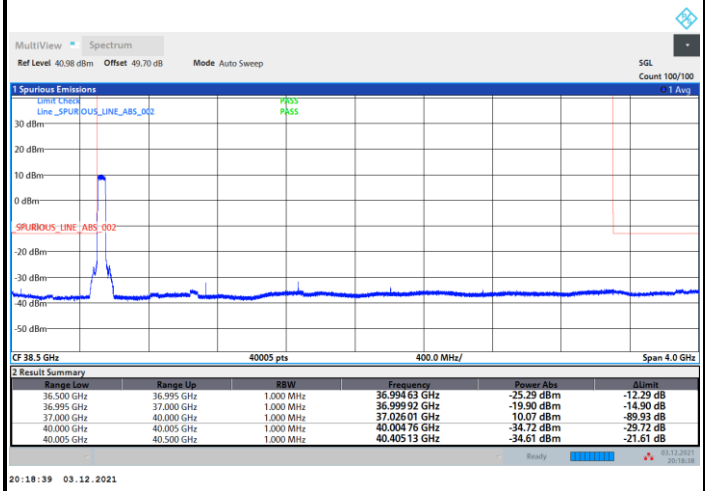
Highest Band Edge / 1 RB



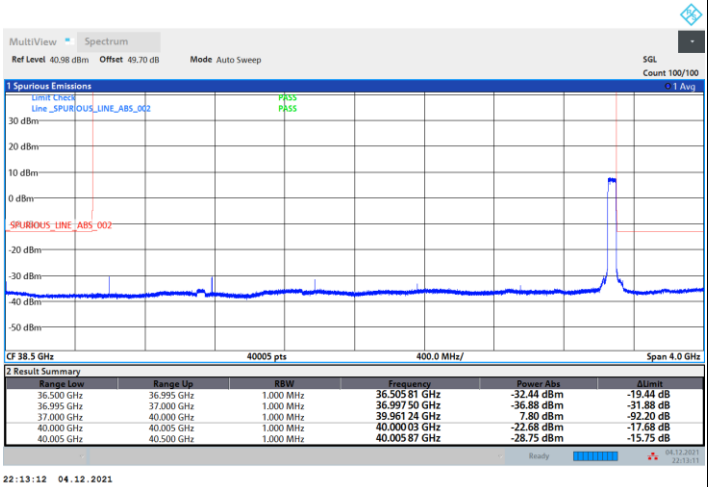
DFT-s-OFDM Module 1

NR Band n260 / 50MHz / BPSK

Lowest Band Edge / Full RB

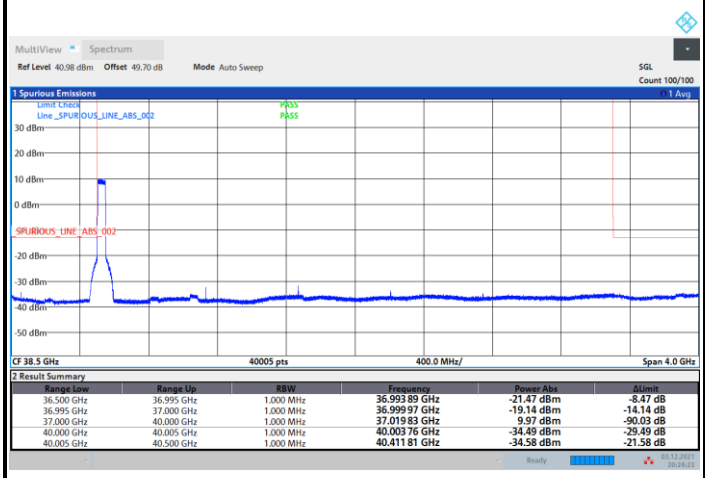


Highest Band Edge / Full RB

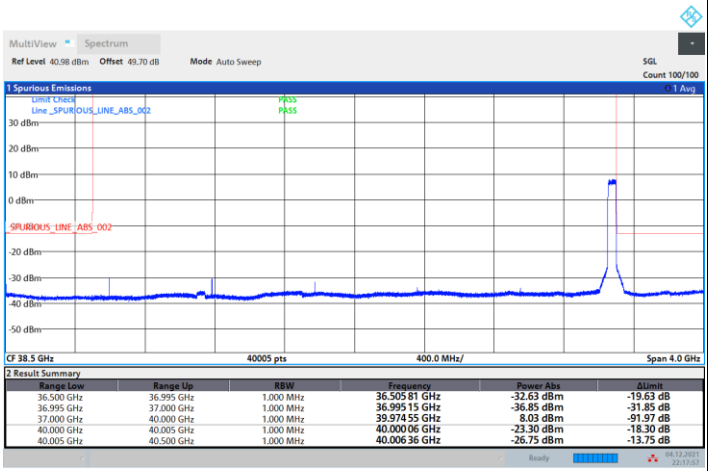


NR Band n260 / 50MHz / QPSK

Lowest Band Edge / Full RB



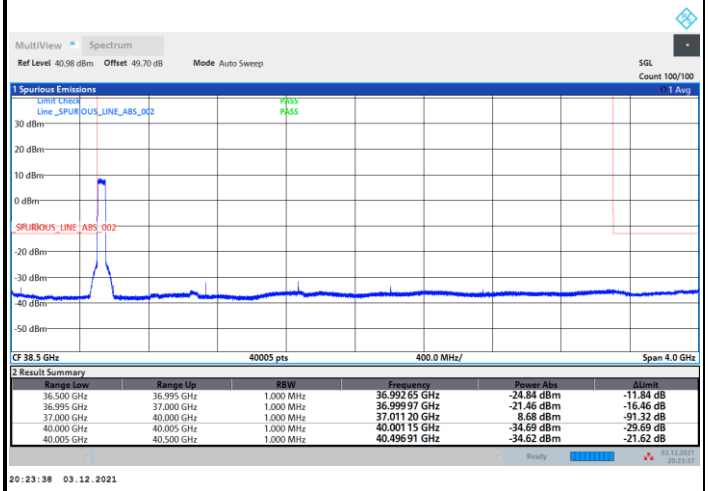
Highest Band Edge / Full RB



DFT-s-OFDM Module 1

NR Band n260 / 50MHz / 16QAM

Lowest Band Edge / Full RB



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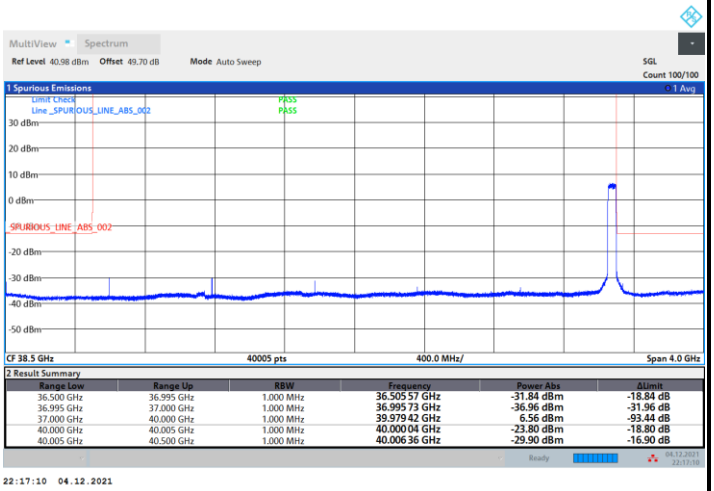
Highest Band Edge / Full RB



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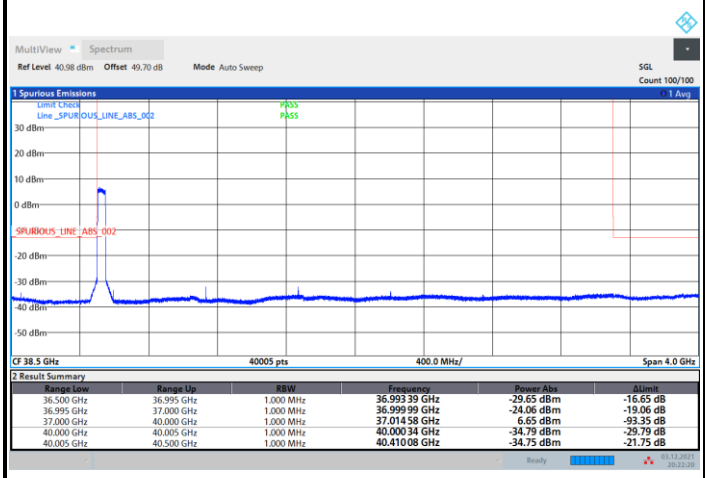
NR Band n260 / 50MHz / 64QAM

Lowest Band Edge / Full RB



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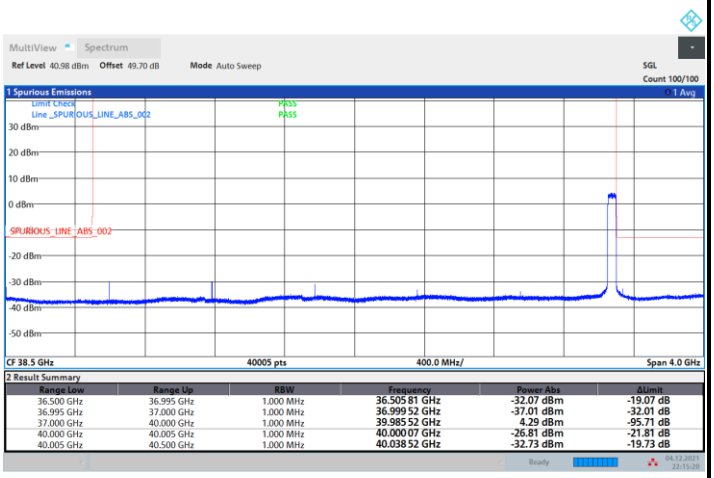
Highest Band Edge / Full RB



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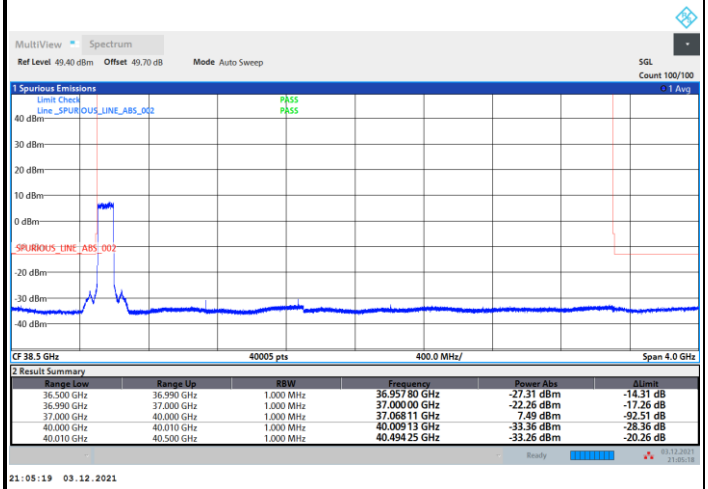
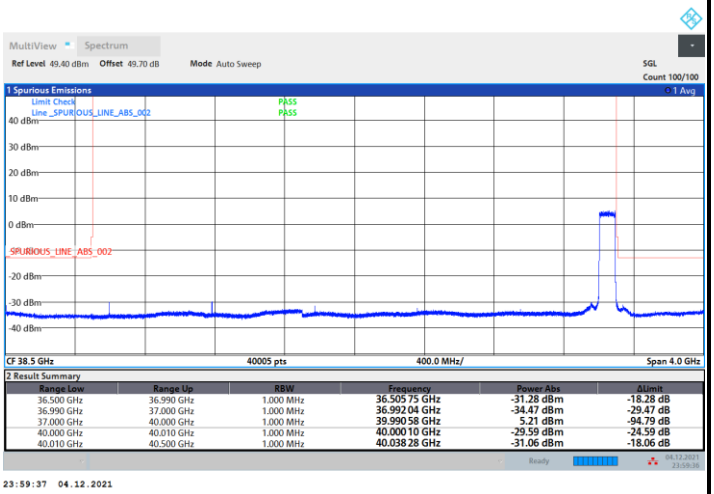
DFT-s-OFDM Module 1

NR Band n260 / 100MHz / BPSK

Lowest Band Edge / Full RB

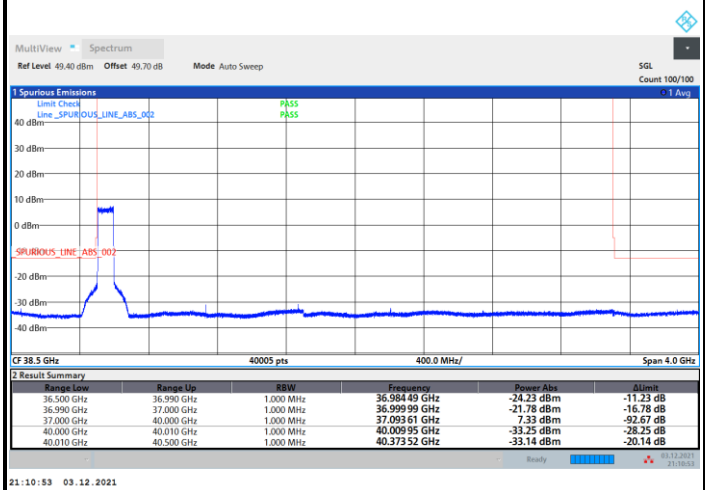


Highest Band Edge / Full RB

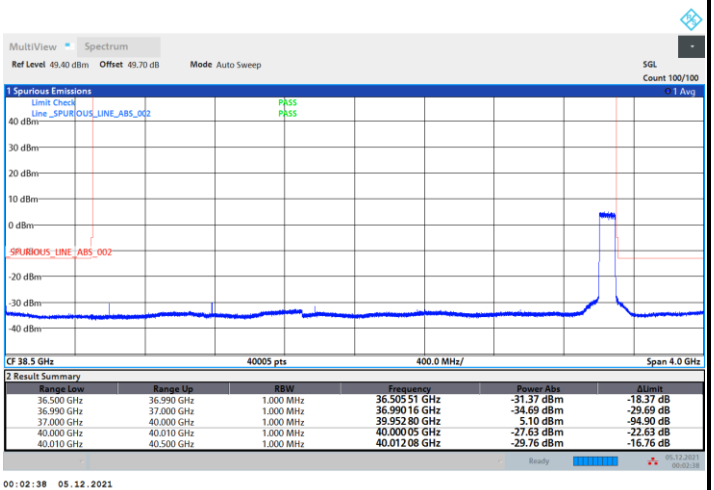


NR Band n260 / 100MHz / QPSK

Lowest Band Edge / Full RB



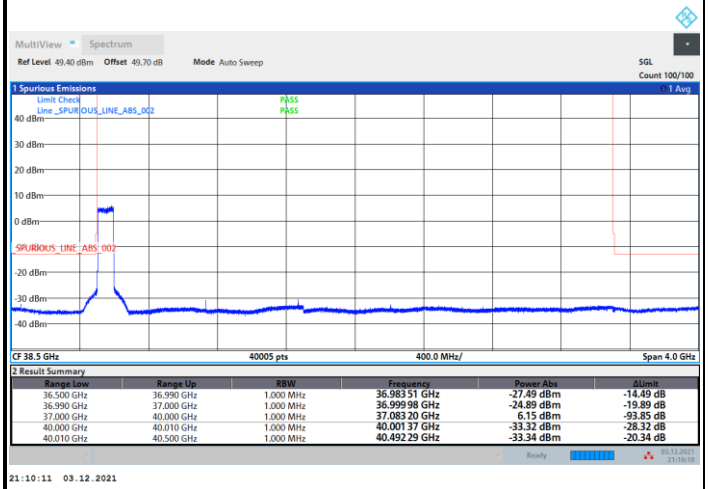
Highest Band Edge / Full RB



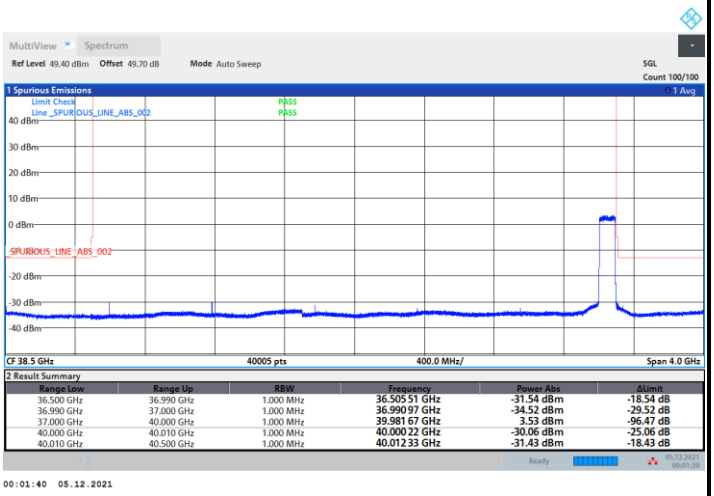
DFT-s-OFDM Module 1

NR Band n260 / 100MHz / 16QAM

Lowest Band Edge / Full RB

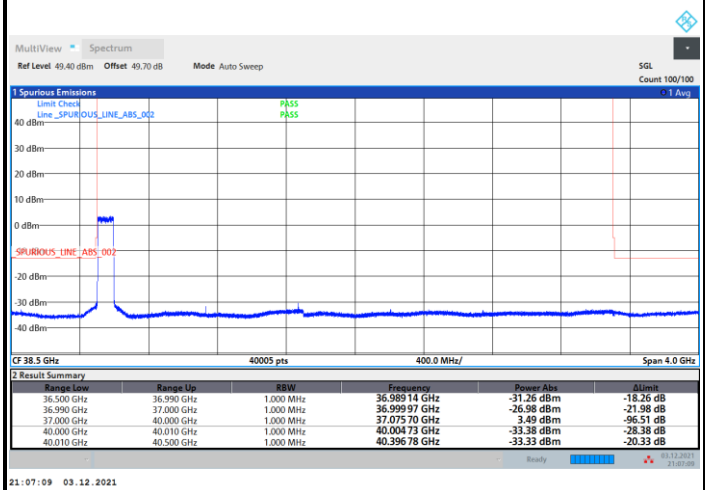


Highest Band Edge / Full RB

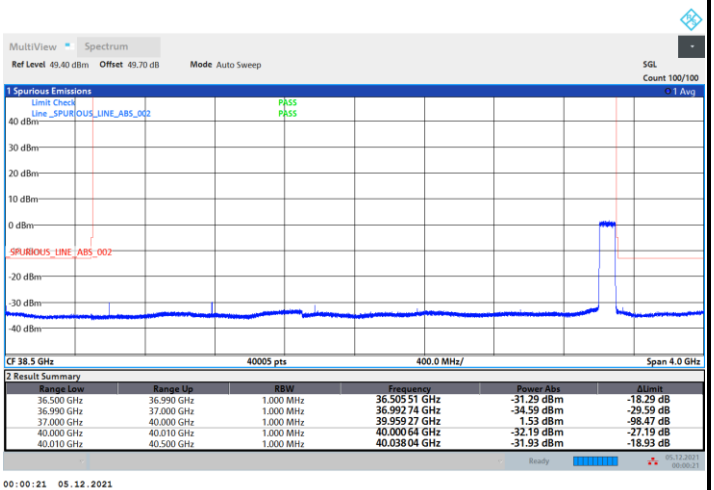


NR Band n260 / 100MHz / 64QAM

Lowest Band Edge / Full RB



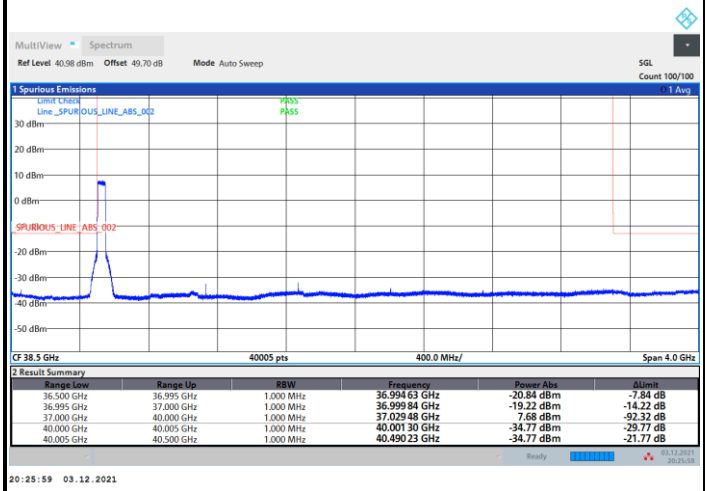
Highest Band Edge / Full RB



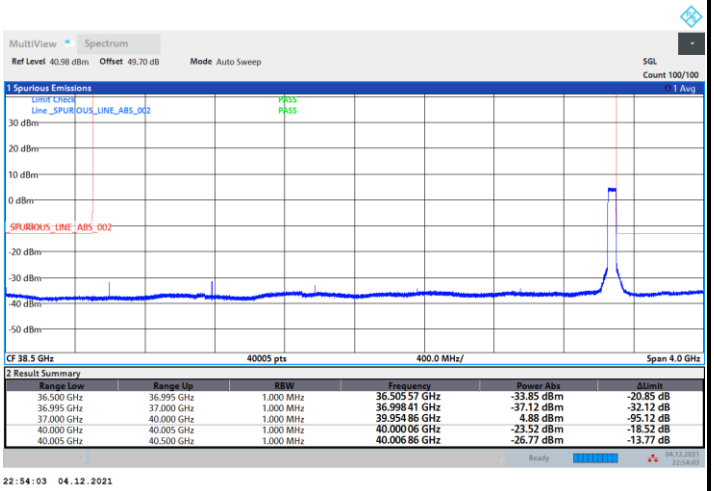
CP-OFDM Module 1

NR Band n260 / 50MHz / QPSK

Lowest Band Edge / Full RB

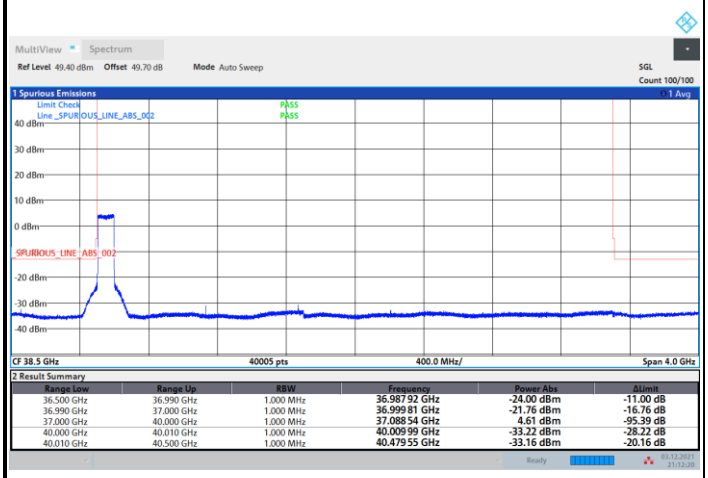


Highest Band Edge / Full RB

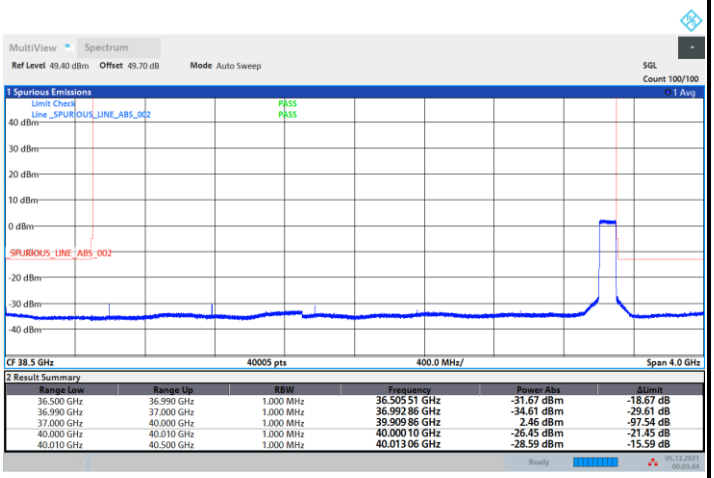


NR Band n260 / 100MHz / QPSK

Lowest Band Edge / Full RB



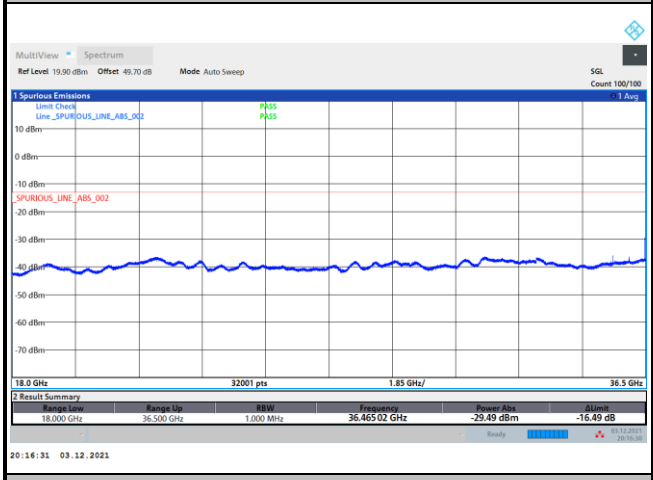
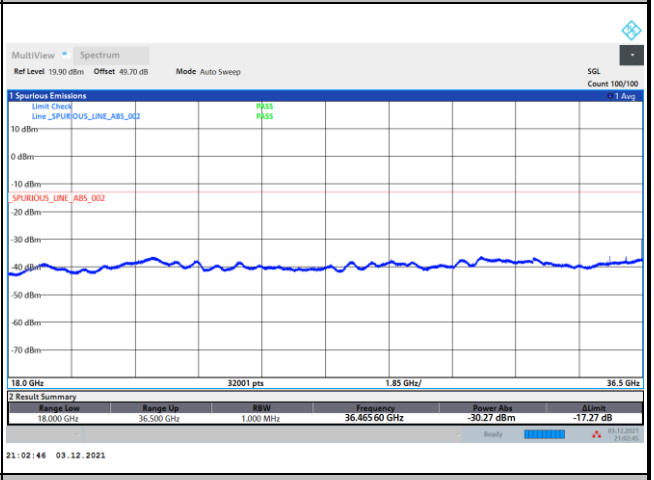
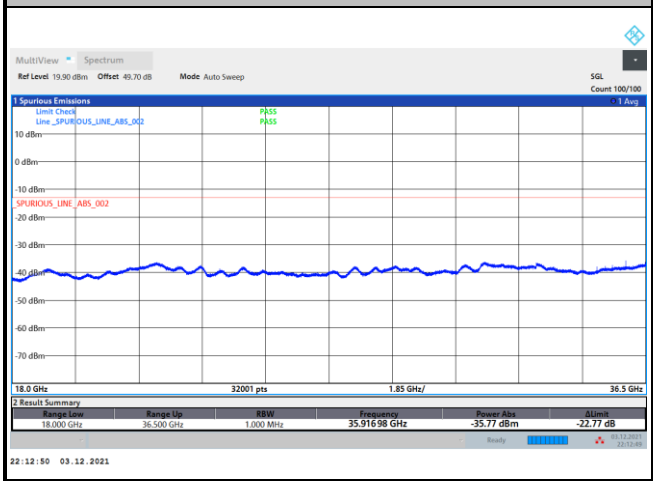
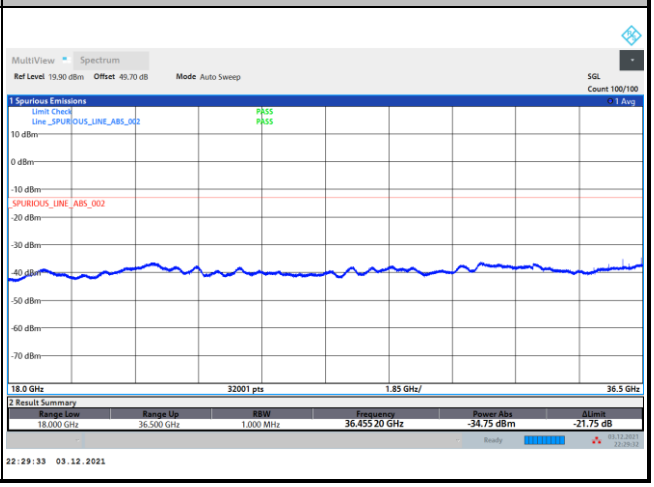
Highest Band Edge / Full RB

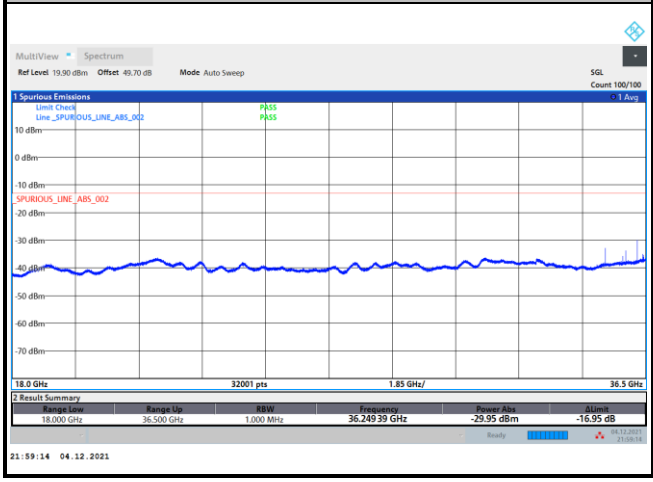
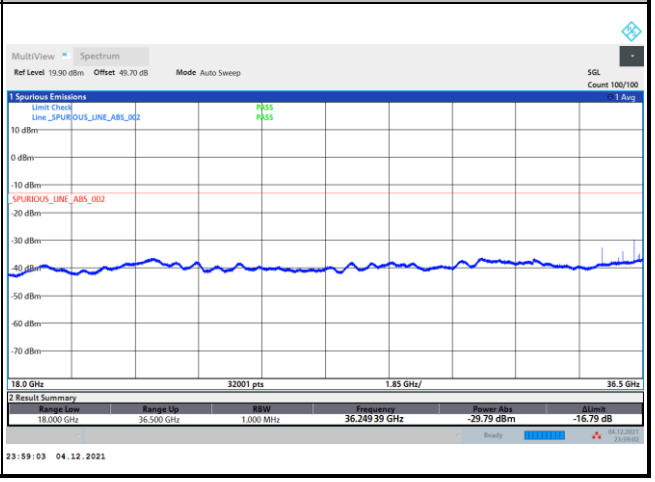


Spurious Emission

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

DFT-s-OFDM Module 1

NR Band n260 BPSK (18-40GHz)	
Lowest Channel / 50MHz	**Lowest Channel / 100MHz**
	
Middle Channel / 50MHz	**Middle Channel / 100MHz**
	

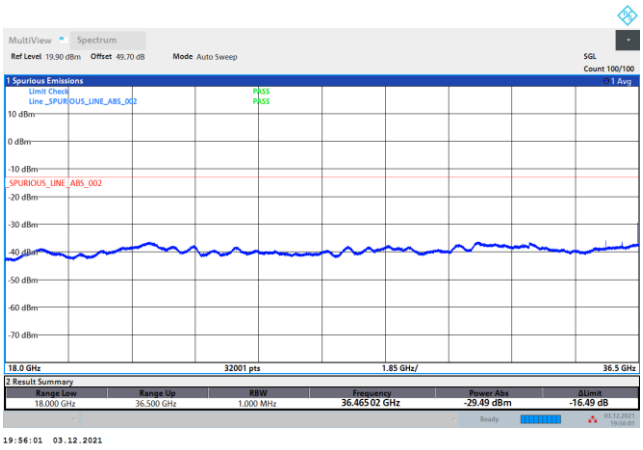
Highest Channel / 50MHz	Highest Channel / 100MHz
	

Remark: In band and out of band frequencies that has reported in previous results are omitted.

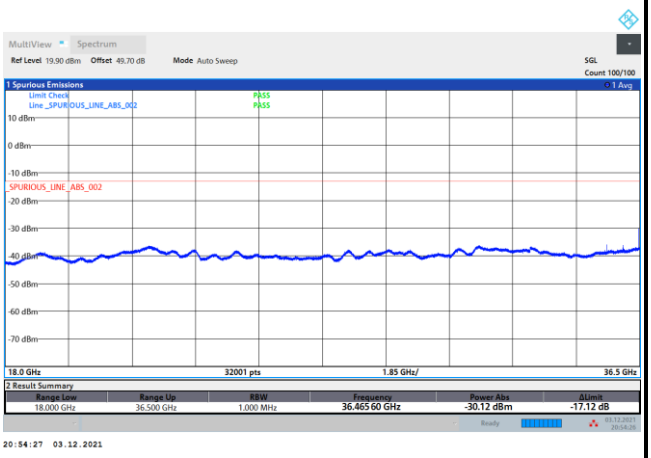
DFT-s-OFDM Module 1

NR Band n260 QPSK (18-40GHz)

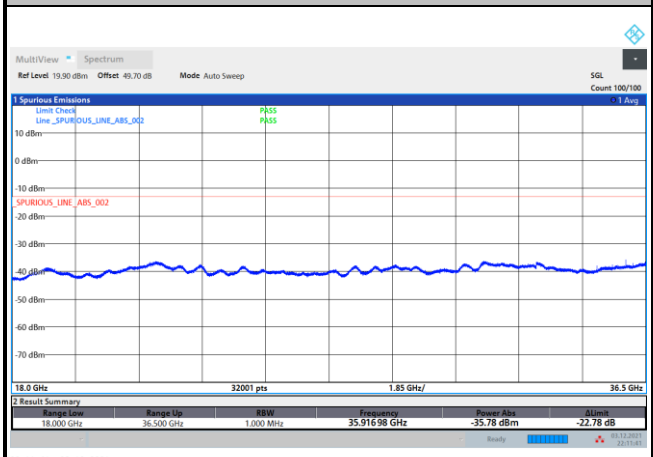
Lowest Channel / 50MHz



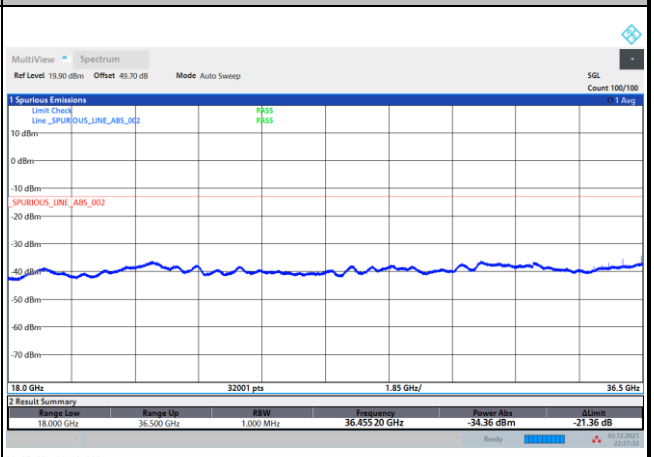
Lowest Channel / 100MHz



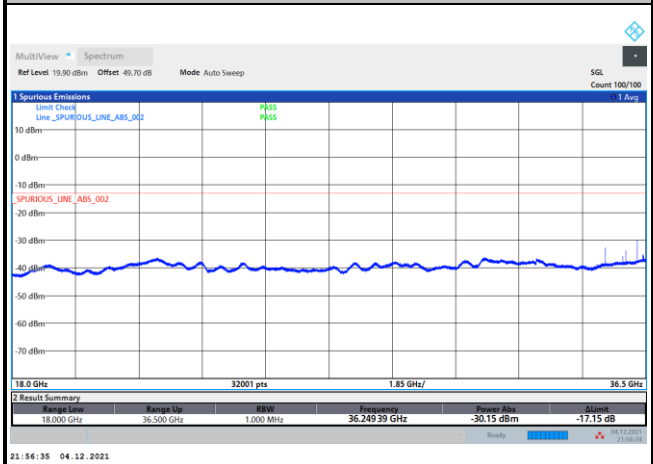
Middle Channel / 50MHz



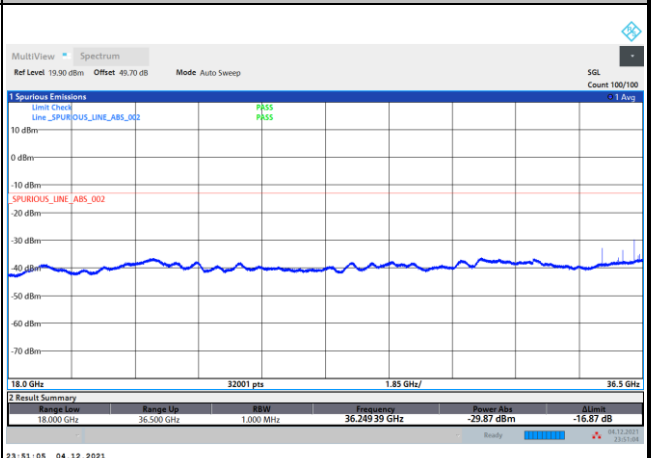
Middle Channel / 100MHz



Highest Channel / 50MHz



Highest Channel / 100MHz



Remark: In band and out of band frequencies that has reported in previous results are omitted.