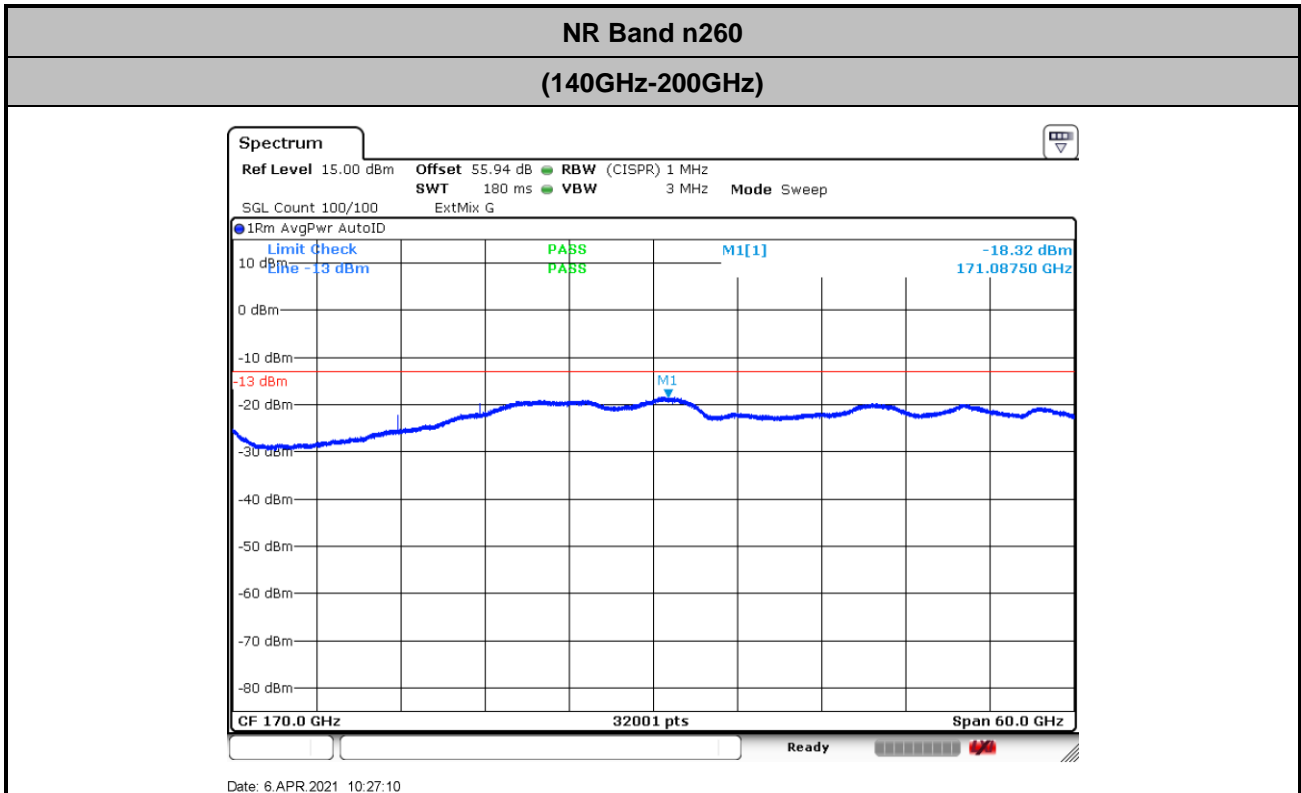


$$\text{Offset} = \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8$$

$$= 48.8 + 0.34 + 107 + 20\log(1) - 104.8 = 51.34 \text{ (dB)}$$



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

$$= 53.4 + 0.34 + 107 + 20\log(1) - 104.8 = 55.94 \text{ (dB)}$$



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	38.499991	9.000	0.234	PASS
40	Normal Voltage	38.499986	14.000	0.364	
30	Normal Voltage	38.500036	-36.000	0.935	
20(Ref.)	Normal Voltage	38.5	0.000	0.000	
10	Normal Voltage	38.5002038	-203.800	5.294	
0	Normal Voltage	38.5003357	-335.700	8.719	
-10	Normal Voltage	38.5002038	-203.800	5.294	
-20	Normal Voltage	38.5004685	-468.500	12.169	
-30	Normal Voltage	38.5004535	-453.500	11.779	
20	Maximum Voltage	38.500005	-5.000	0.130	
20	Normal Voltage	38.499997	3.000	0.078	
20	Battery End Point	38.499986	14.000	0.364	

Note: The frequency fundamental emissions stay within the operation band.



NR Band n260 AG0+1

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	44.97	45.43	45.32	45.27	90.85	90.93	90.67	90.66	189.27	188.07	188.40	188.50
Middle CH	45.16	45.19	45.16	45.03	90.94	90.43	90.17	89.99	189.68	189.00	188.79	188.61
Highest CH	45.09	45.22	45.13	45.00	90.75	90.31	90.02	89.82	188.47	187.63	188.00	187.69

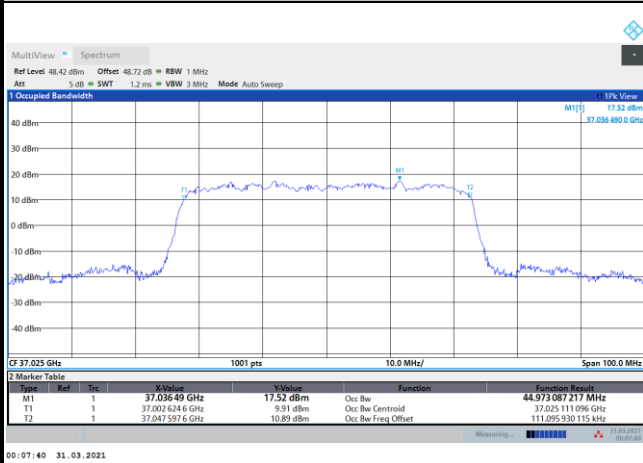
Mode	CP-OFDM Module 1 NR Band n260 : 99%OBW(MHz)								
BW	50MHz			100MHz			200MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Middle CH	45.33	45.24	45.27	-	-	-	-	-	-



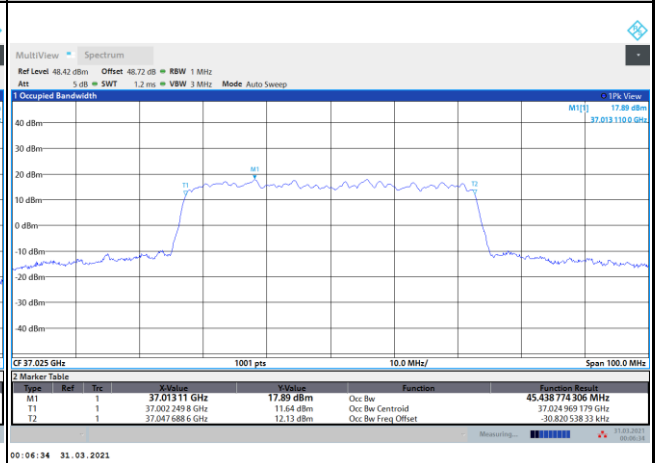
DFT-s-OFDM Module 1

NR Band n260

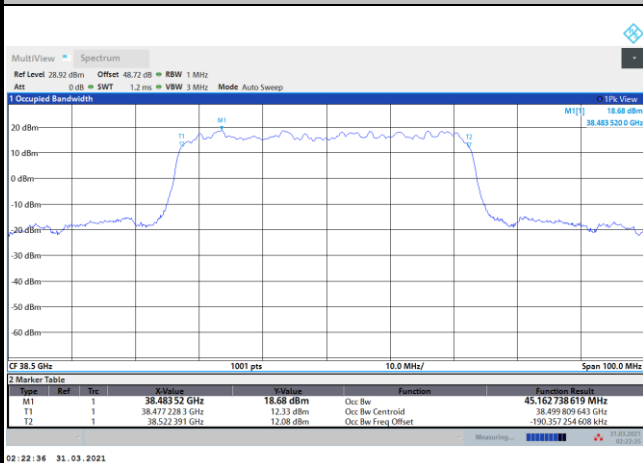
Lowest Channel / 50MHz / BPSK



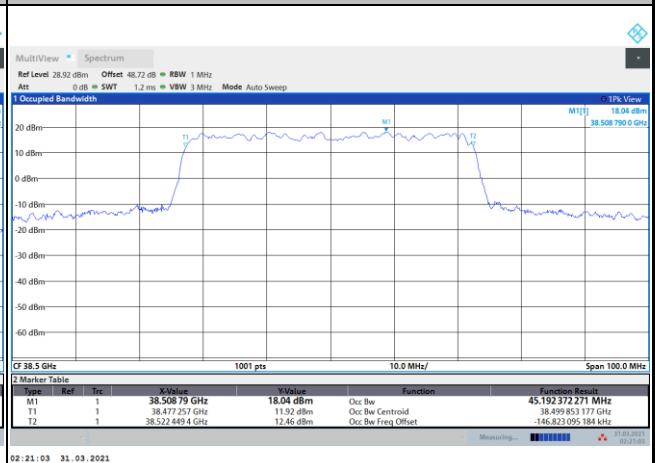
Lowest Channel / 50MHz / QPSK



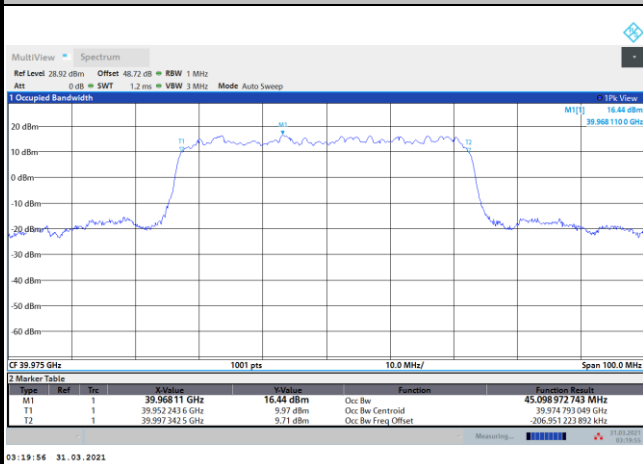
Middle Channel / 50MHz / BPSK



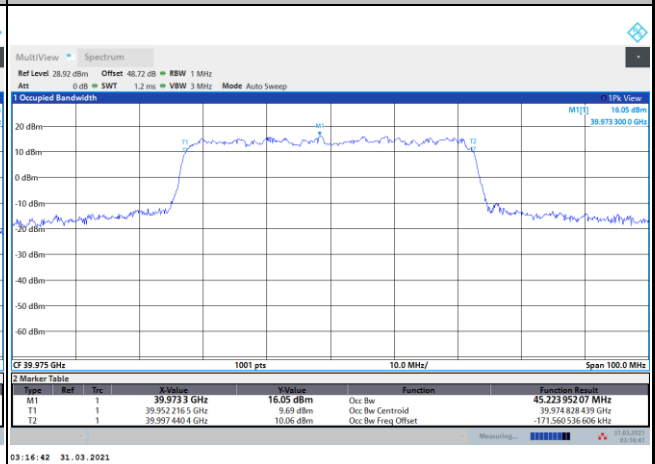
Middle Channel / 50MHz / QPSK



Highest Channel / 50MHz / BPSK



Highest Channel / 50MHz / QPSK

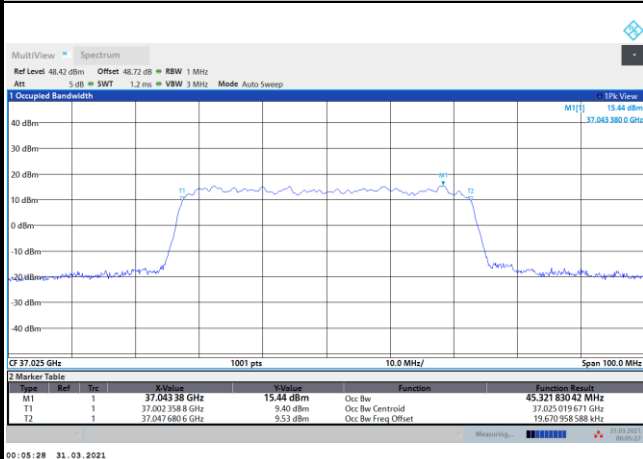




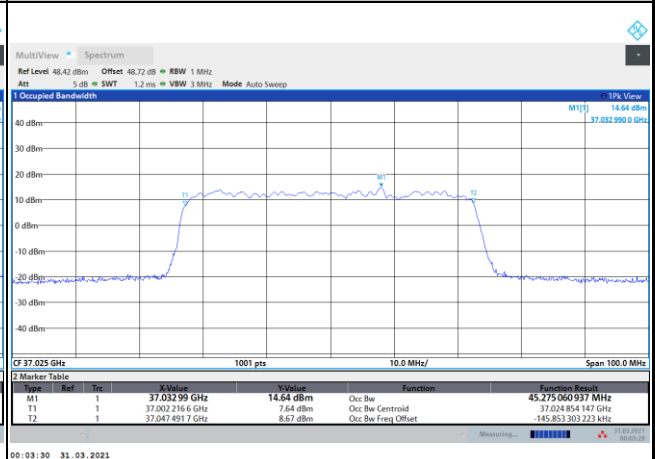
DFT-s-OFDM Module 1

NR Band n260

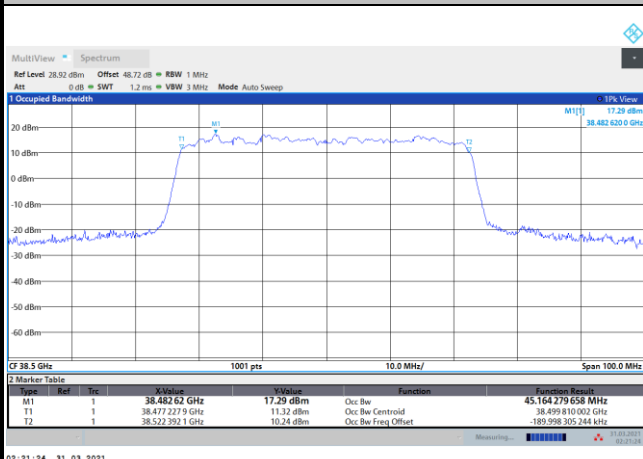
Lowest Channel / 50MHz / 16QAM



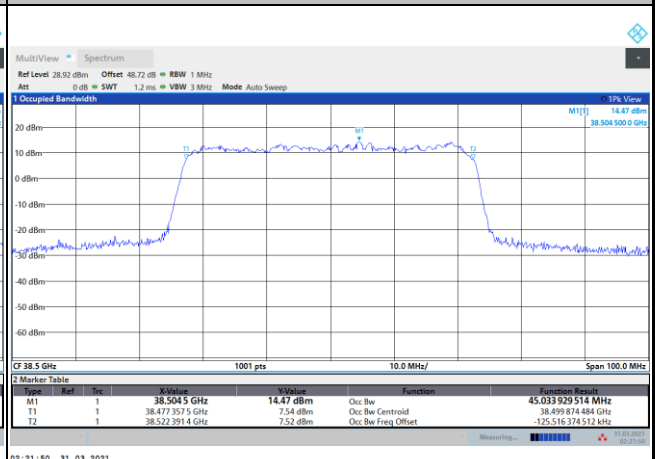
Lowest Channel / 50MHz / 64QAM



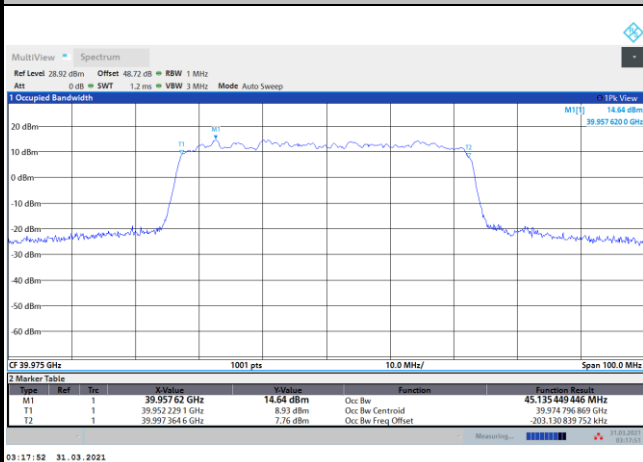
Middle Channel / 50MHz / 16QAM



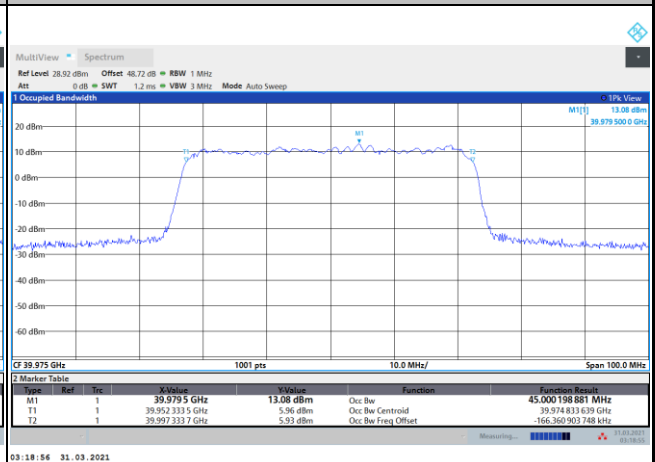
Middle Channel / 50MHz / 64QAM



Highest Channel / 50MHz / 16QAM



Highest Channel / 50MHz / 64QAM

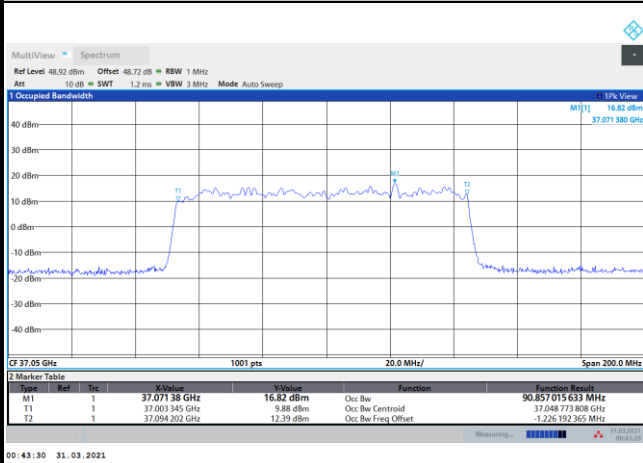




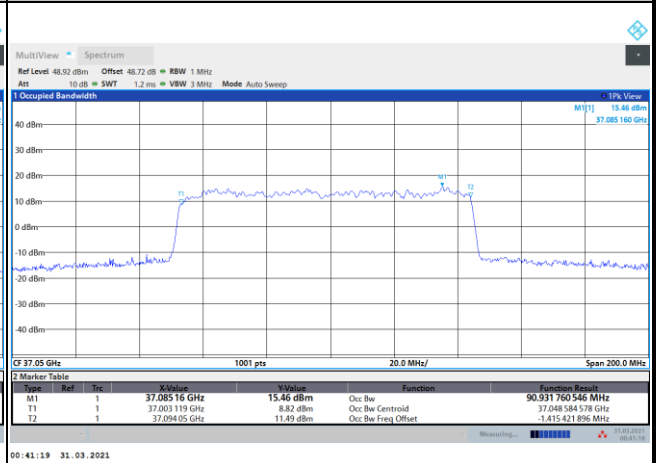
DFT-s-OFDM Module 1

NR Band n260

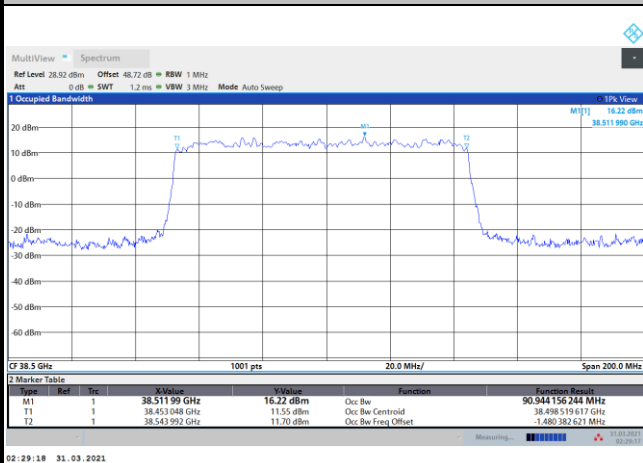
Lowest Channel / 100MHz / BPSK



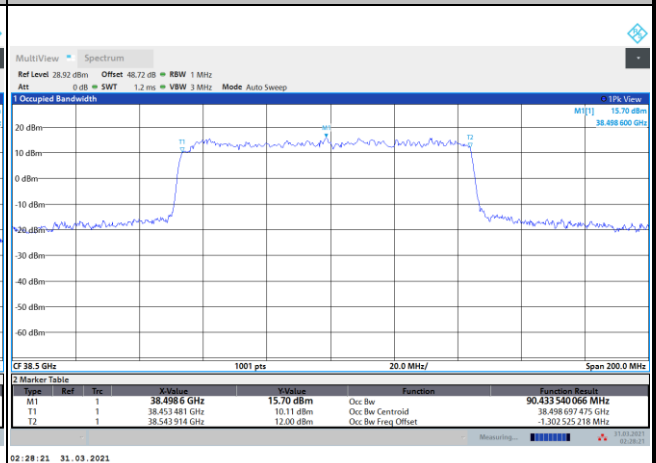
Lowest Channel / 100MHz / QPSK



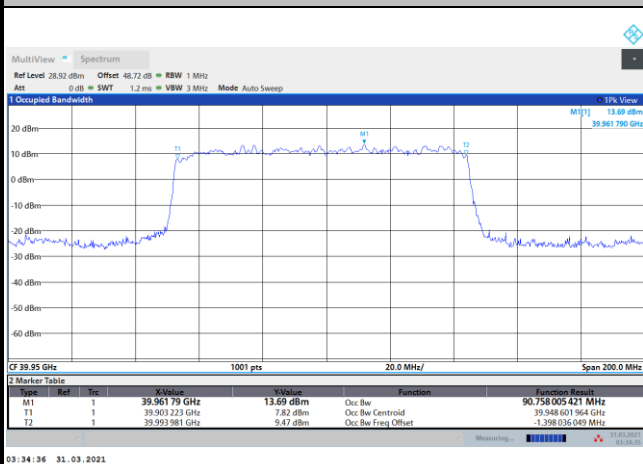
Middle Channel / 100MHz / BPSK



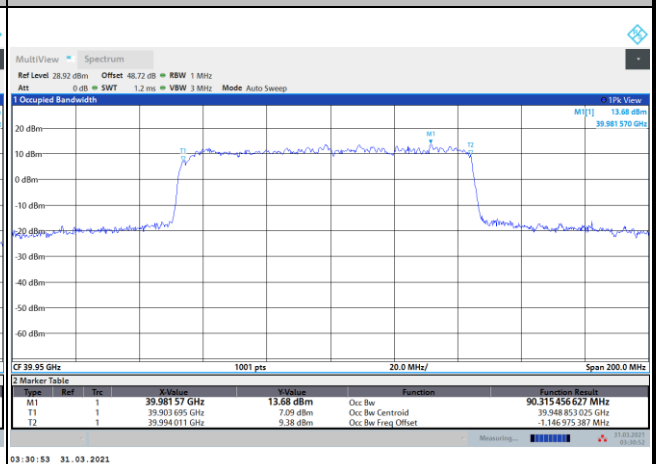
Middle Channel / 100MHz / QPSK



Highest Channel / 100MHz / BPSK



Highest Channel / 100MHz / QPSK

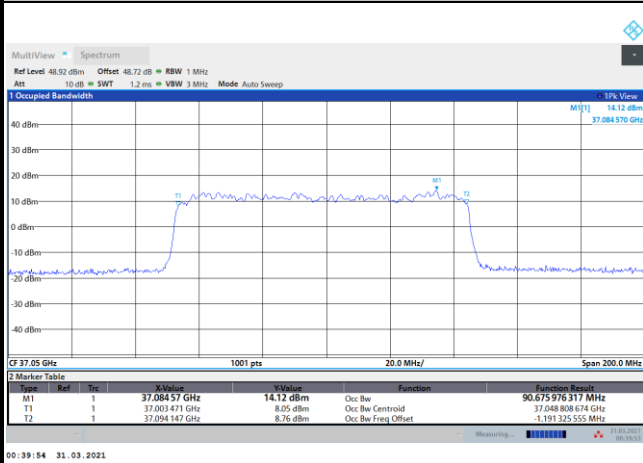




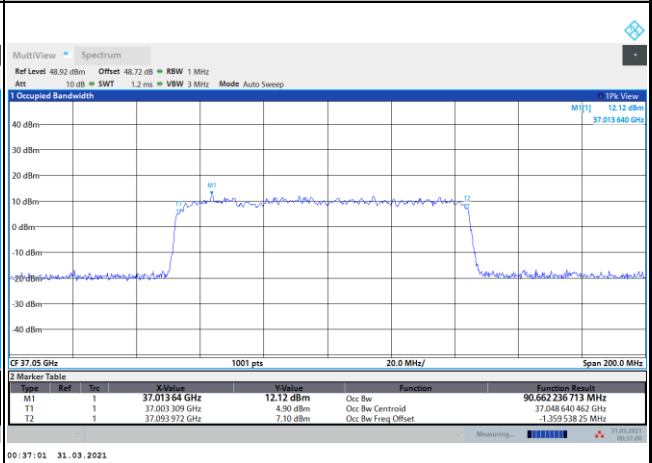
DFT-s-OFDM Module 1

NR Band n260

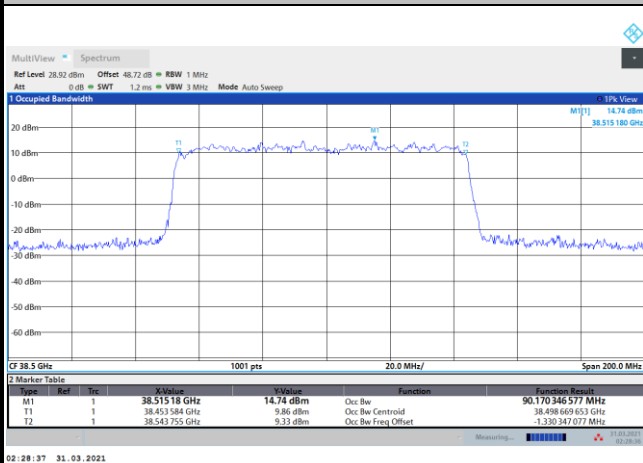
Lowest Channel / 100MHz / 16QAM



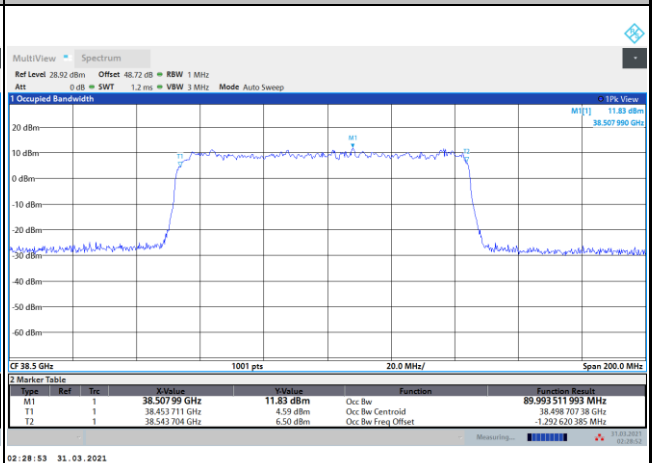
Lowest Channel / 100MHz / 64QAM



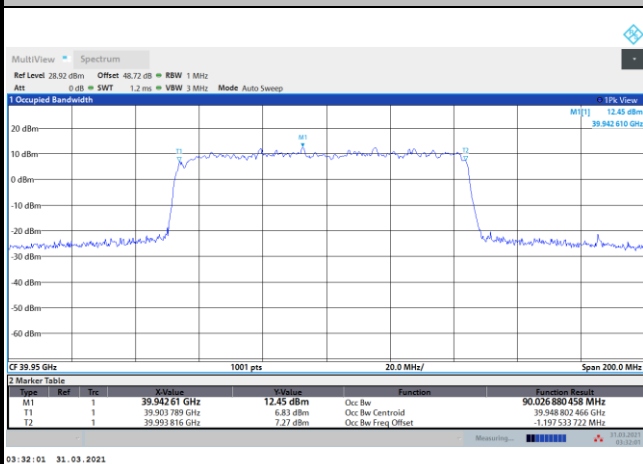
Middle Channel / 100MHz / 16QAM



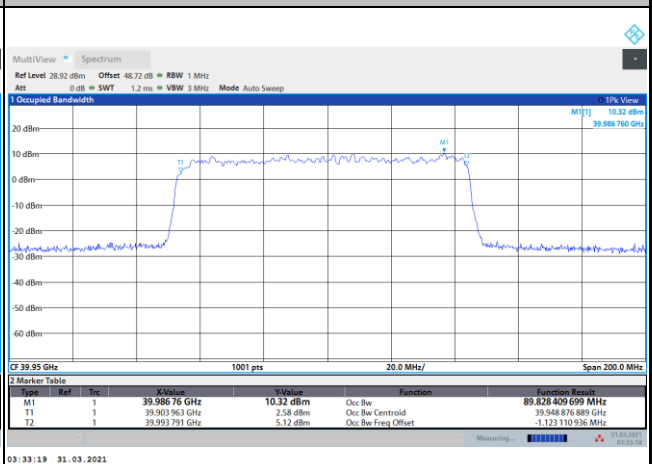
Middle Channel / 100MHz / 64QAM



Highest Channel / 100MHz / 16QAM



Highest Channel / 100MHz / 64QAM

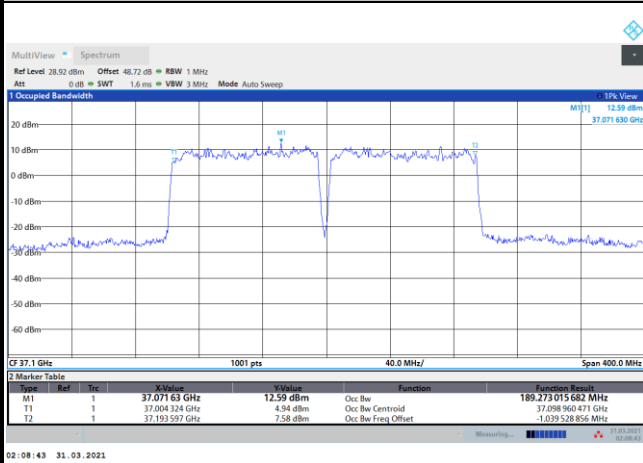




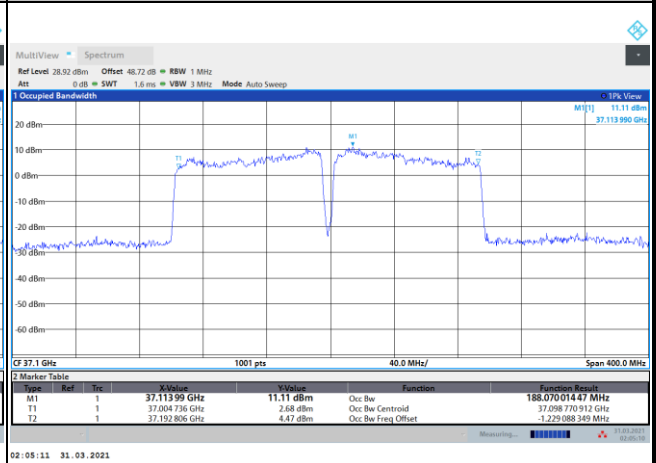
DFT-s-OFDM Module 1

NR Band n260

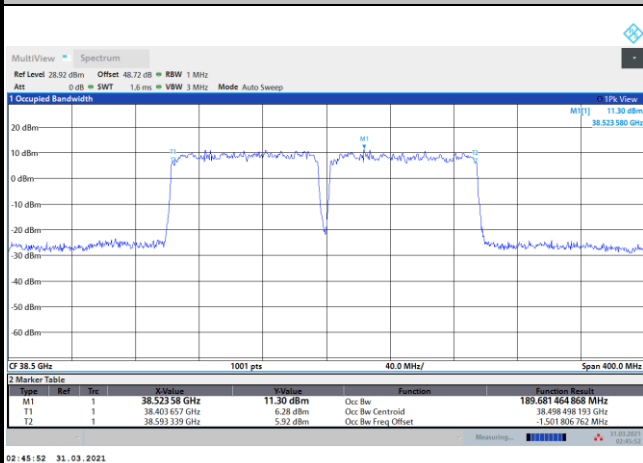
Lowest Channel / 200MHz / BPSK



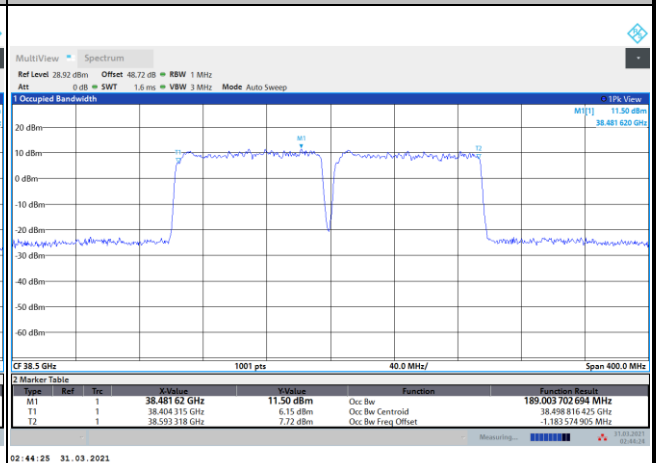
Lowest Channel / 200MHz / QPSK



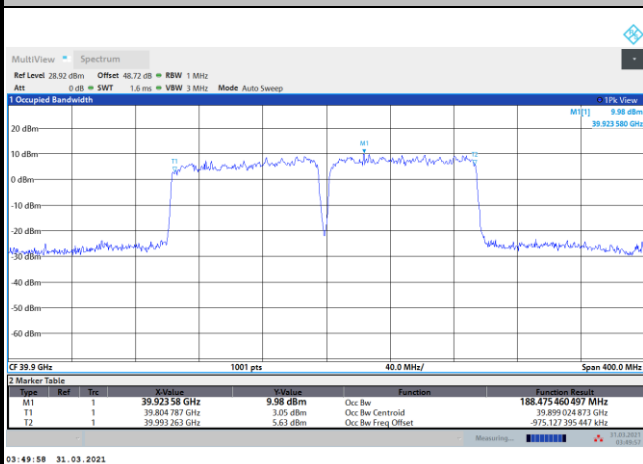
Middle Channel / 200MHz / BPSK



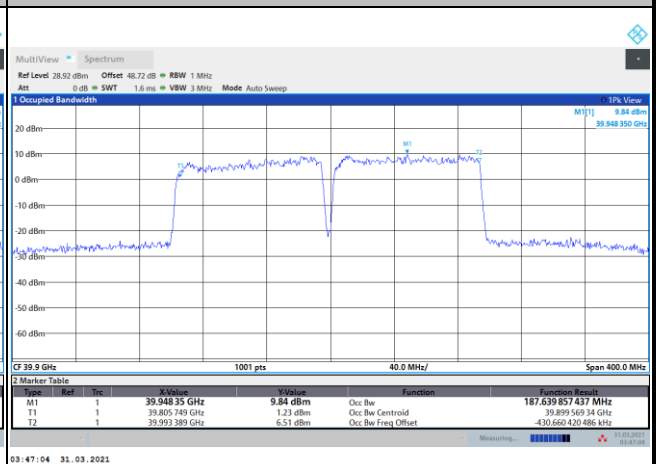
Middle Channel / 200MHz / QPSK



Highest Channel / 200MHz / BPSK



Highest Channel / 200MHz / QPSK

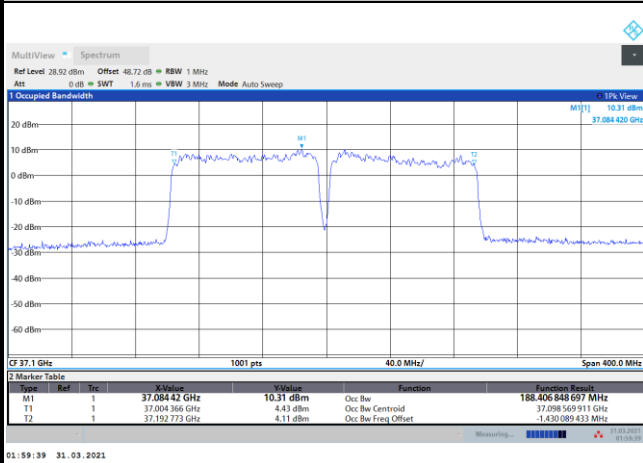




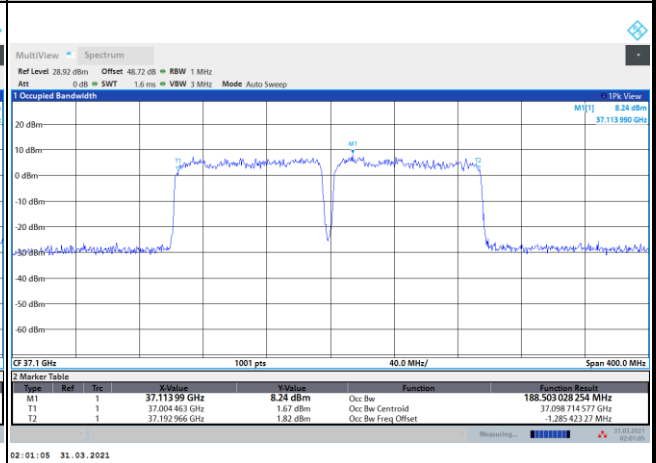
DFT-s-OFDM Module 1

NR Band n260

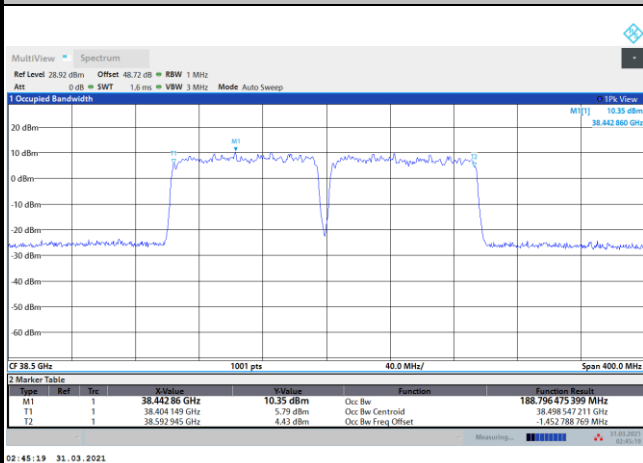
Lowest Channel / 200MHz / 16QAM



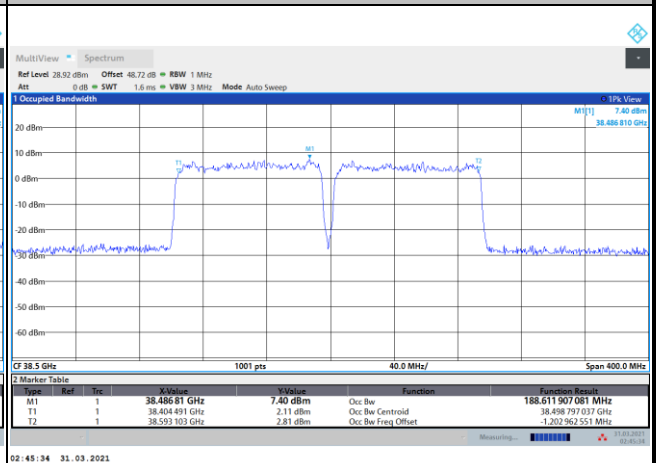
Lowest Channel / 200MHz / 64QAM



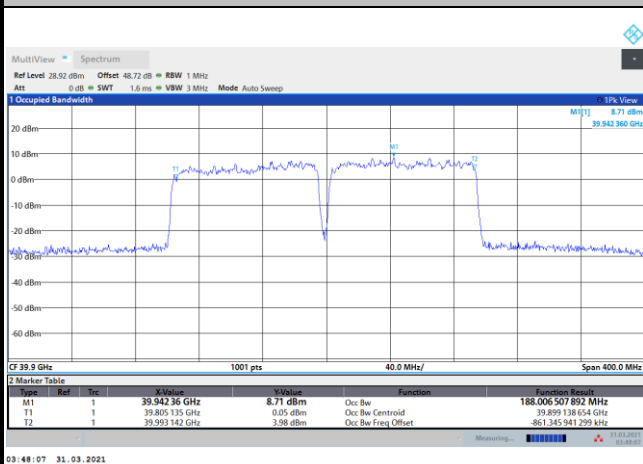
Middle Channel / 200MHz / 16QAM



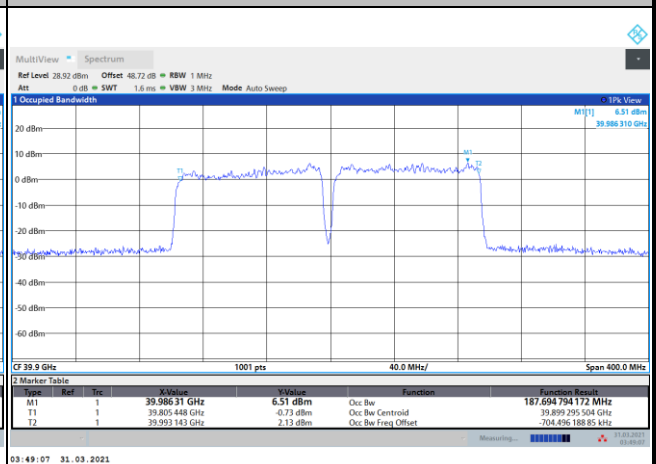
Middle Channel / 200MHz / 64QAM



Highest Channel / 200MHz / 16QAM



Highest Channel / 200MHz / 64QAM

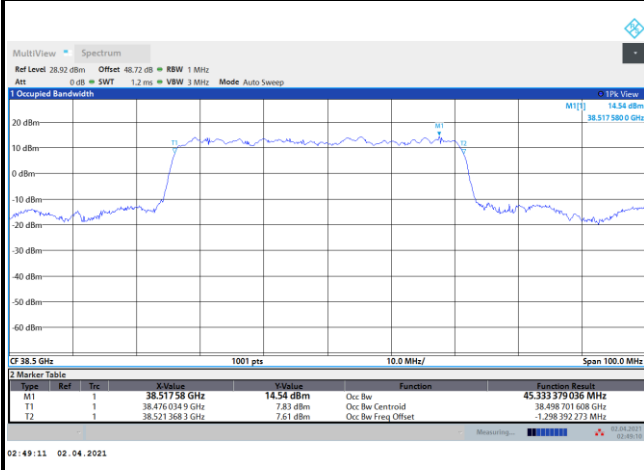




CP-OFDM Module 1

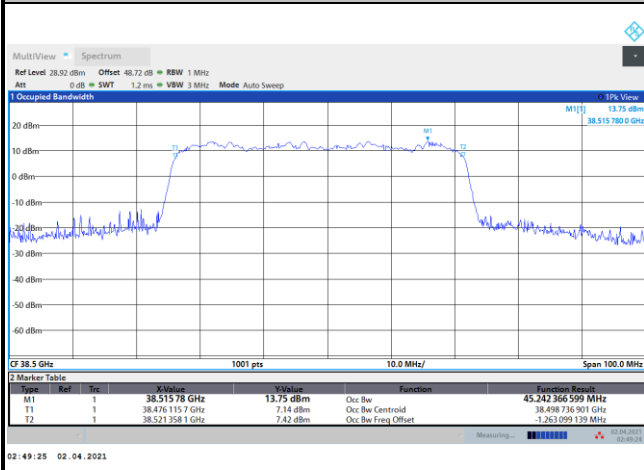
NR Band n260

Middle Channel / 50MHz / QPSK



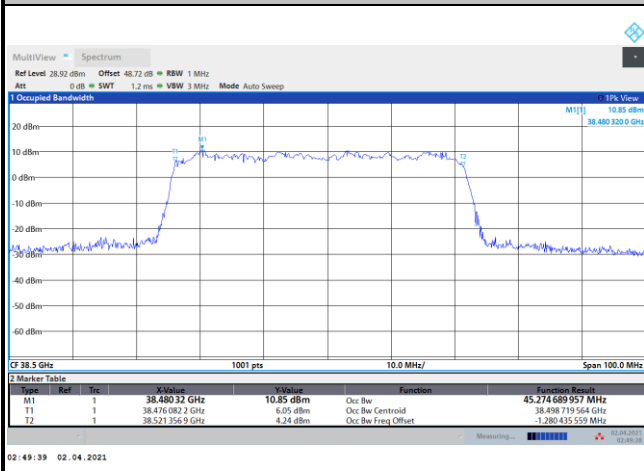
intentionally blank

Middle Channel / 50MHz / 16QAM



intentionally blank

Middle Channel / 50MHz / 64QAM



intentionally blank



Radiated Out of Band Emissions

Mode			DFT-s-OFDM Module 1 NR Band n260 : BE (dBm) 1 RB											
BW			50MHz				100MHz				200MHz			
Limit (dBm)			BPSK	QPSK	16QAM	64QAM	BPSK	QPSK	16QAM	64QAM	BPSK	QPSK	16QAM	64QAM
Low CH	0~10%OB	≤-5	-9.75	-11.78	-12.35	-12.97	-10.46	-10.98	-10.55	-13.28	-18.16	-18.71	-17.96	-18.70
	>10%OB	≤-13	-25.78	-25.84	-26.37	-26.70	-26.45	-26.38	-26.43	-26.58	-25.69	-25.72	-26.08	-24.95
High CH	0~10%OB	≤-5	-14.74	-13.49	-15.63	-17.84	-15.42	-14.46	-16.65	-17.40	-24.54	-24.44	-23.30	-23.92
	>10%OB	≤-13	-27.10	-26.97	-28.41	-29.02	-30.40	-28.86	-31.01	-31.60	-30.97	-30.94	-28.89	-29.31
Result			Compliance											

Mode			DFT-s-OFDM Module 1 NR Band n260 : BE (dBm) Full RB											
BW			50MHz				100MHz				200MHz			
Limit (dBm)			BPSK	QPSK	16QAM	64QAM	BPSK	QPSK	16QAM	64QAM	BPSK	QPSK	16QAM	64QAM
Low CH	0~10%OB	≤-5	-22.44	-19.50	-24.87	-25.86	-25.25	-22.17	-25.67	-26.72	-31.33	-32.24	-33.12	-34.60
	>10%OB	≤-13	-25.57	-21.69	-26.34	-26.57	-26.79	-23.85	-26.83	-26.74	-33.38	-33.74	-36.07	-36.22
High CH	0~10%OB	≤-5	-23.92	-20.53	-27.37	-30.60	-29.52	-24.57	-31.19	-33.88	-32.32	-32.18	-33.91	-35.08
	>10%OB	≤-13	-28.58	-23.16	-30.16	-33.70	-32.87	-26.93	-33.11	-35.16	-33.70	-33.04	-34.31	-35.61
Result			Compliance											

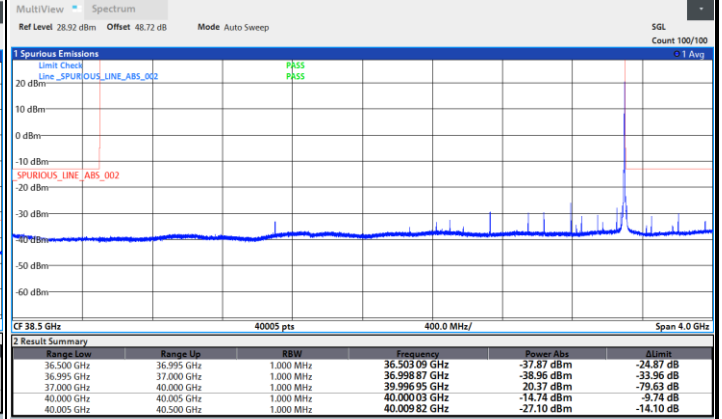
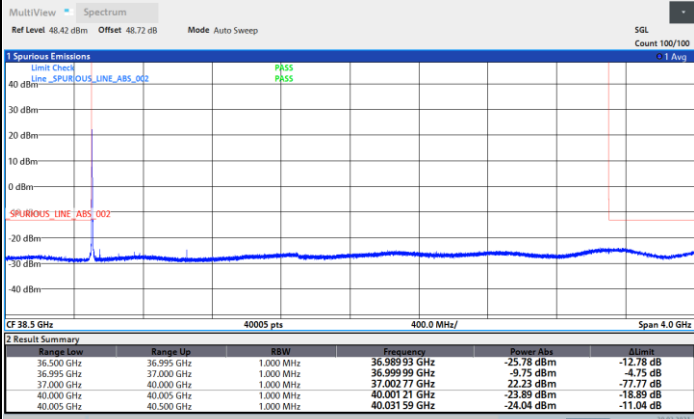


DFT-s-OFDM Module 1

NR Band n260 / 50MHz / BPSK

Lowest Band Edge / 1 RB

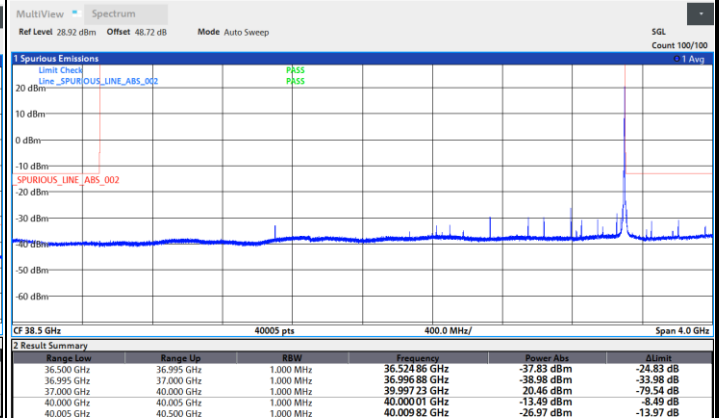
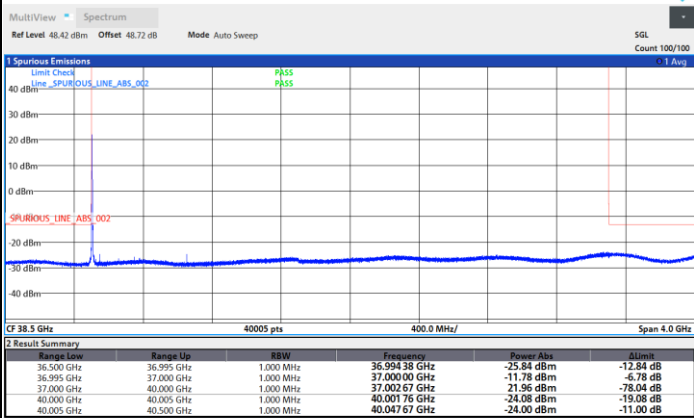
Highest Band Edge / 1 RB



NR Band n260 / 50MHz / QPSK

Lowest Band Edge / 1 RB

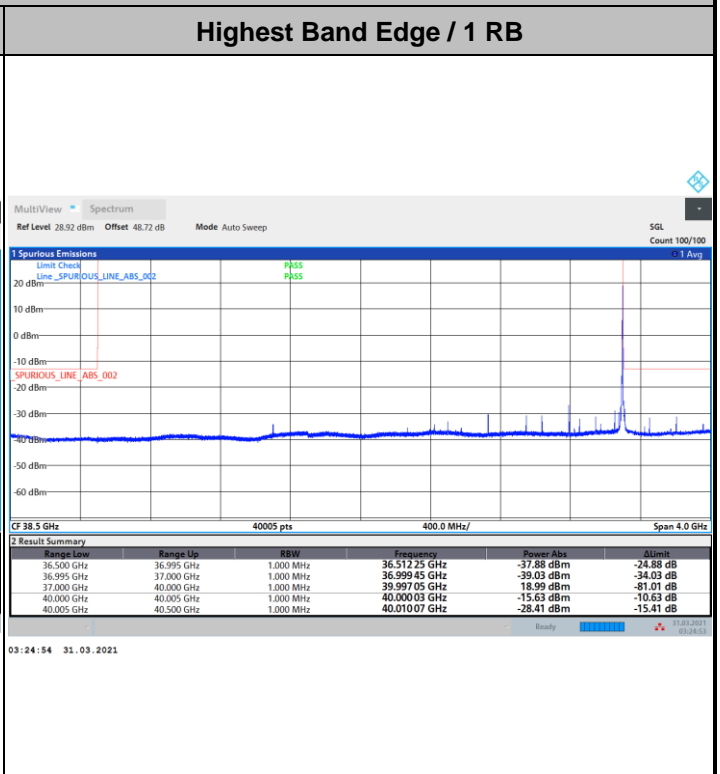
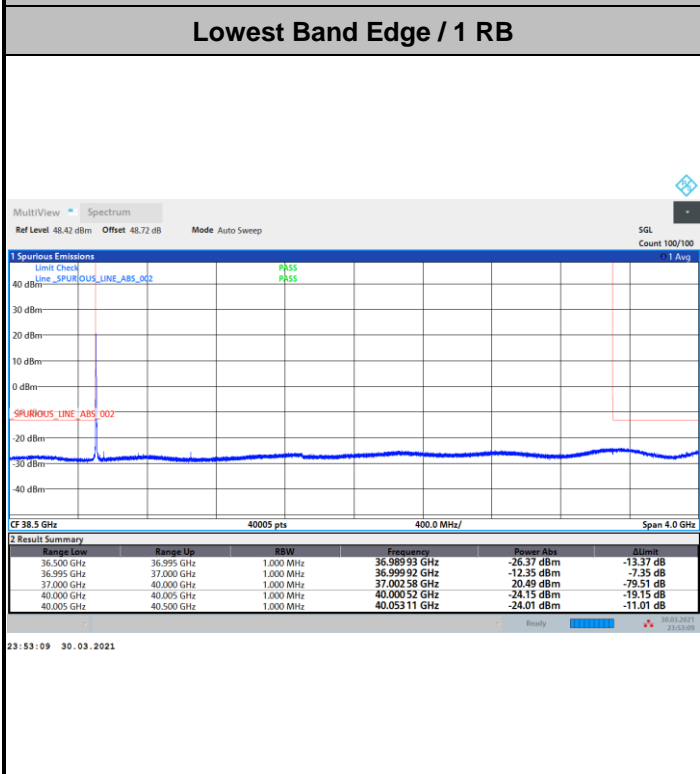
Highest Band Edge / 1 RB



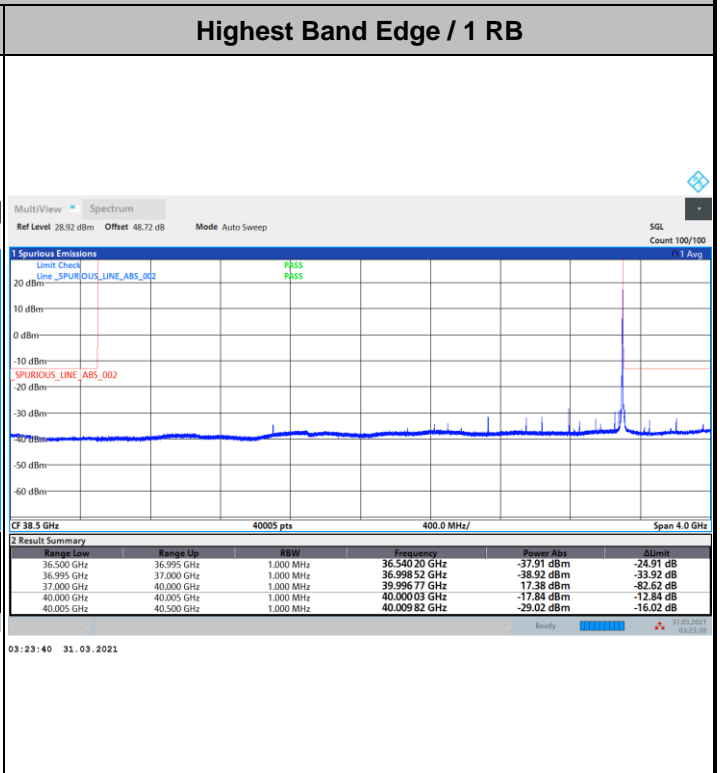
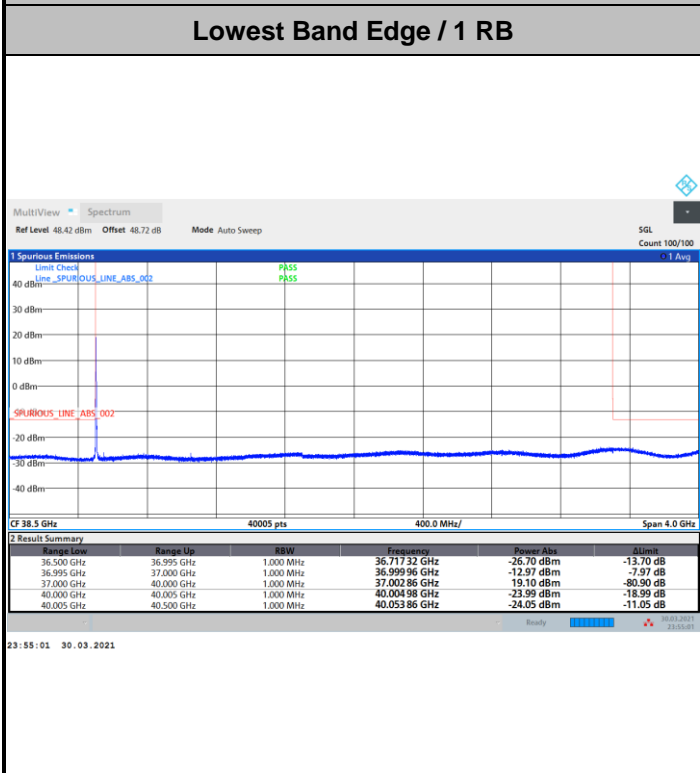


DFT-s-OFDM Module 1

NR Band n260 / 50MHz / 16QAM



NR Band n260 / 50MHz / 64QAM

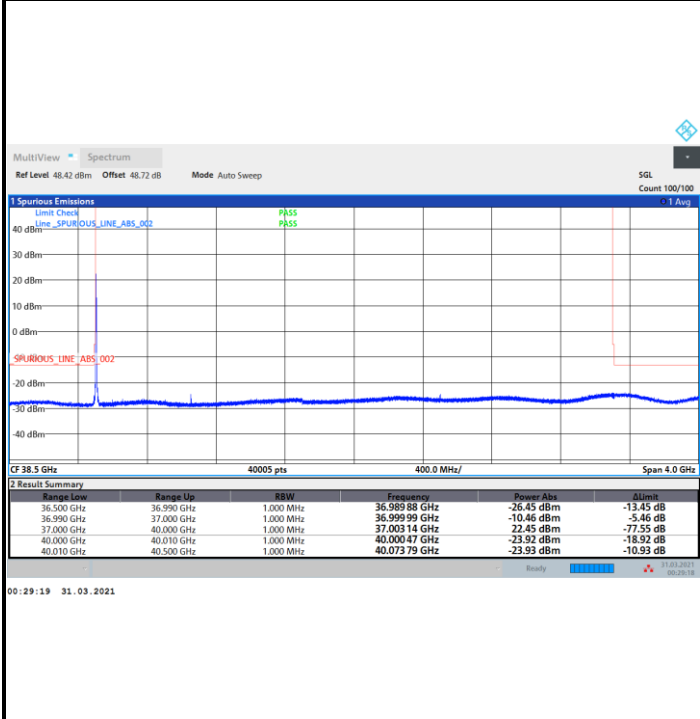




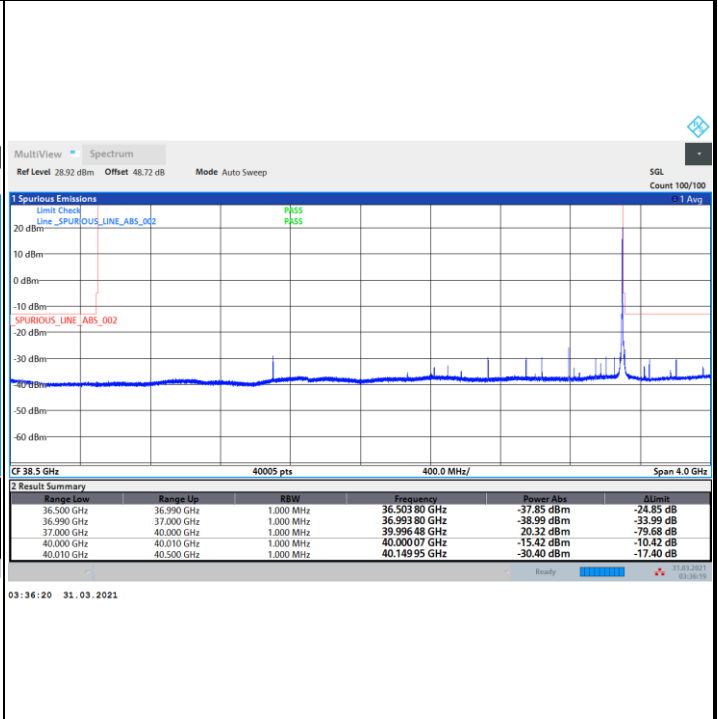
DFT-s-OFDM Module 1

NR Band n260 / 100MHz / BPSK

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB

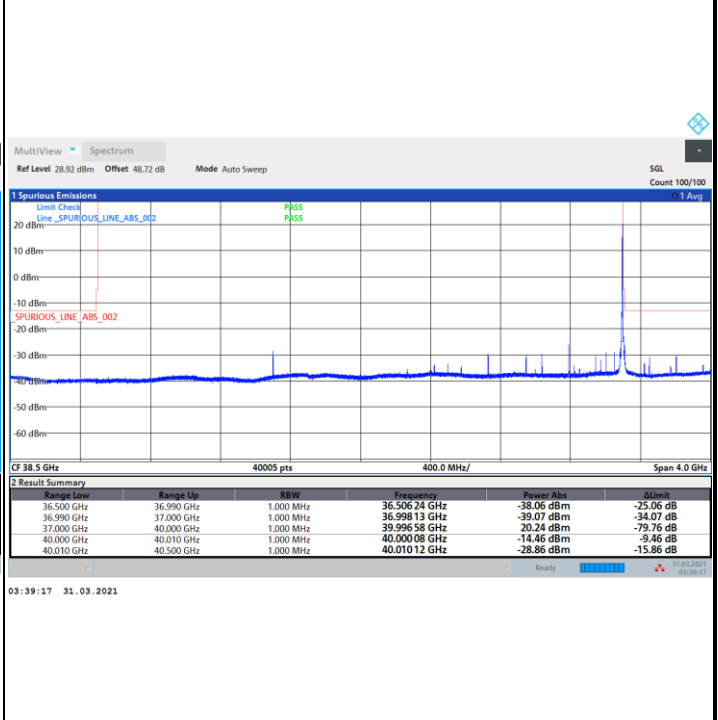


NR Band n260 / 100MHz / QPSK

Lowest Band Edge / 1 RB



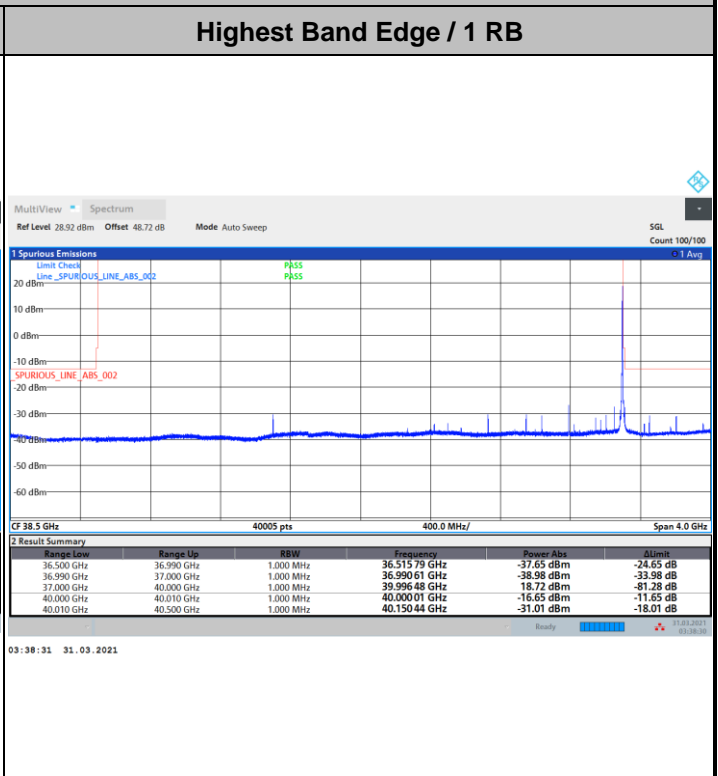
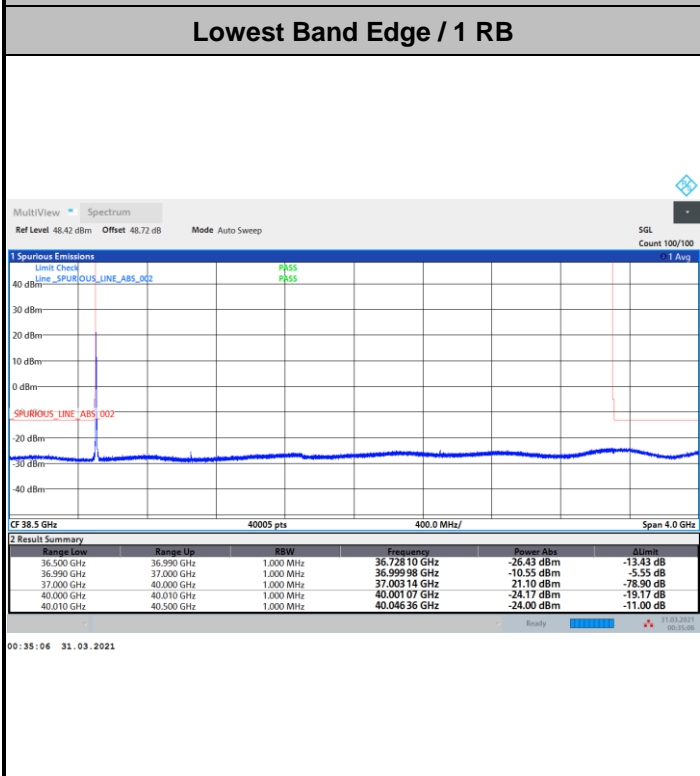
Highest Band Edge / 1 RB



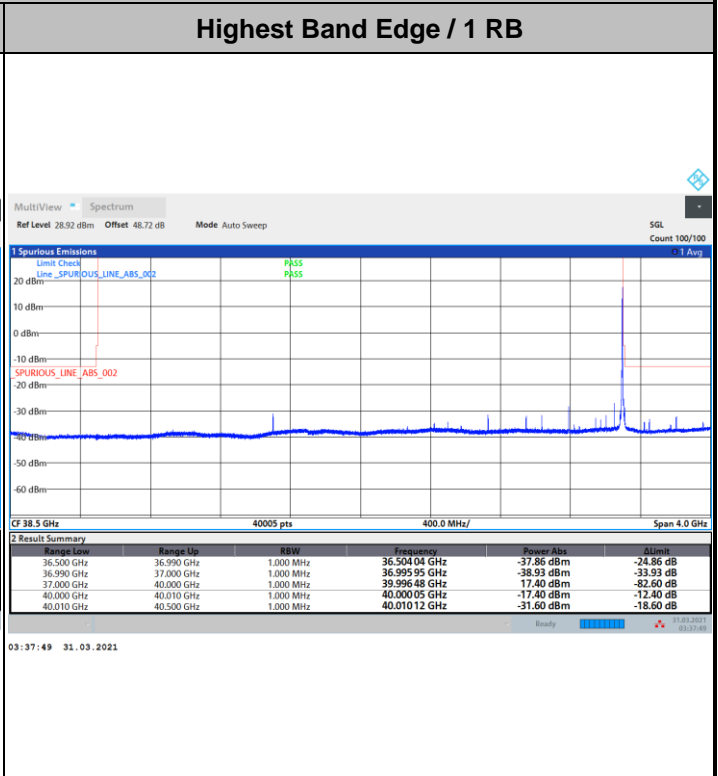
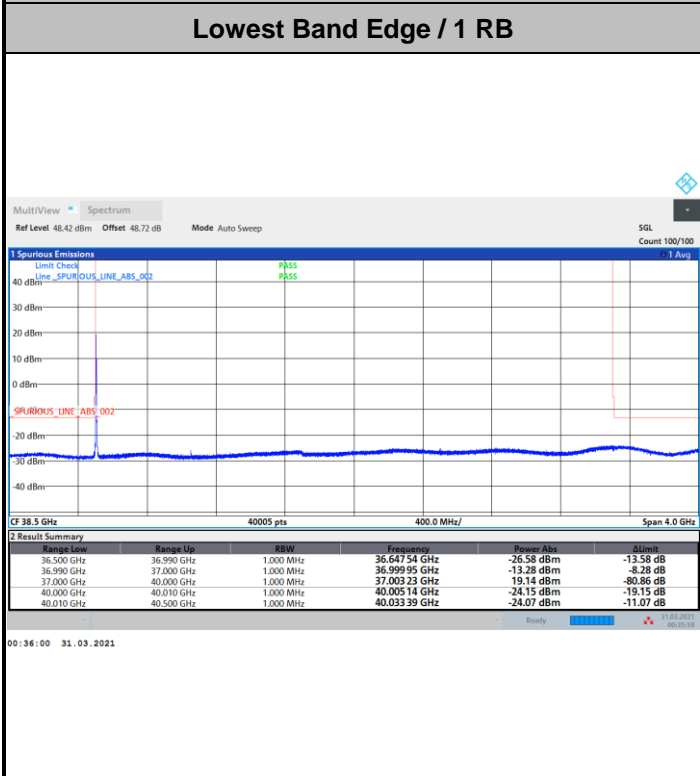


DFT-s-OFDM Module 1

NR Band n260 / 100MHz / 16QAM



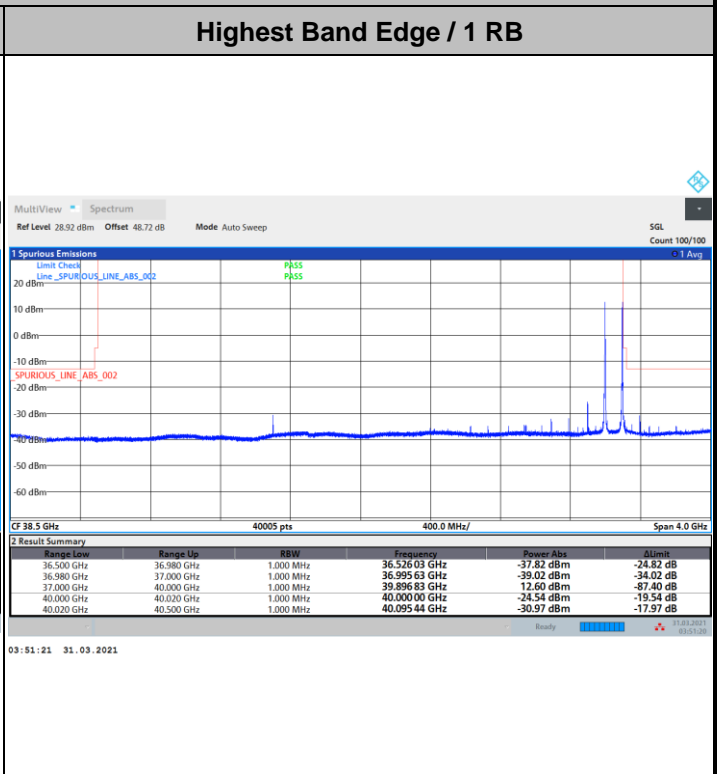
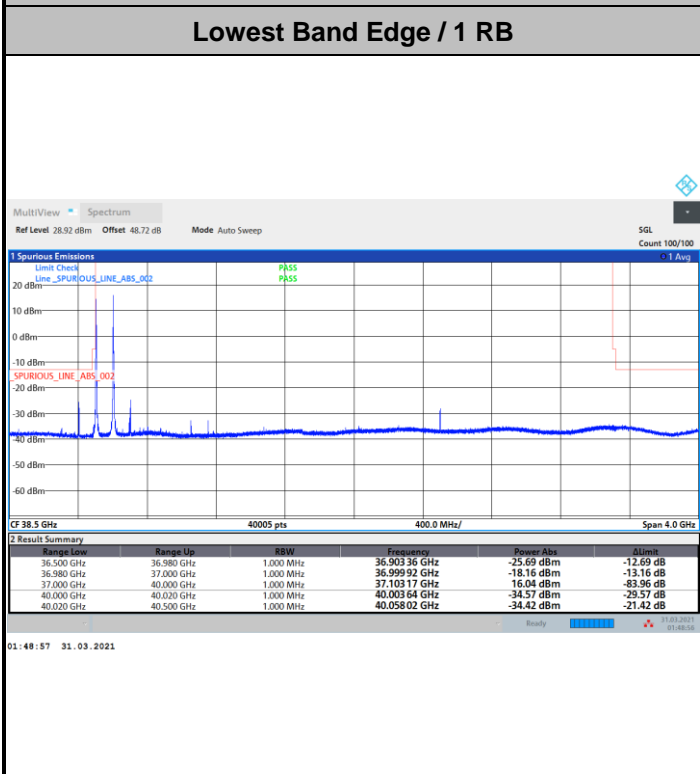
NR Band n260 / 100MHz / 64QAM



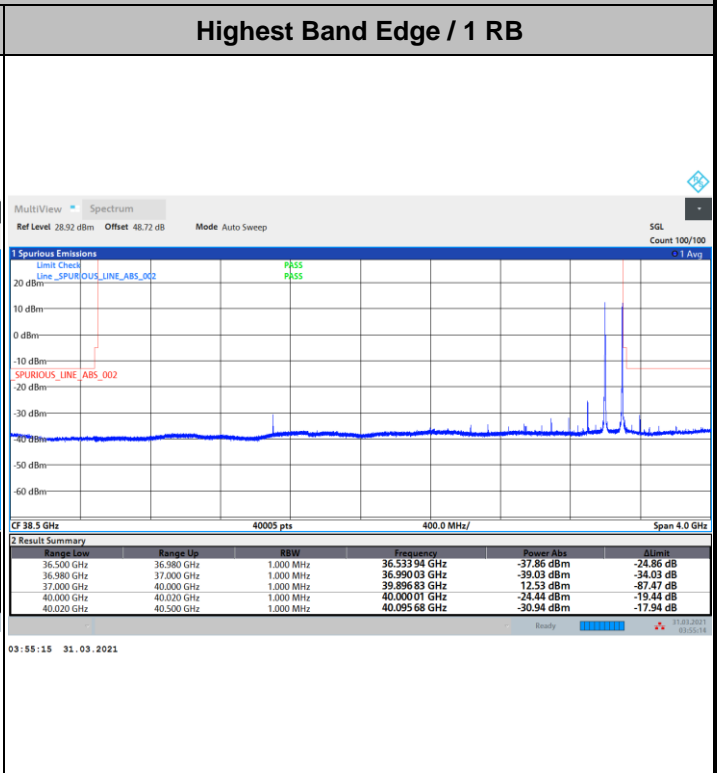
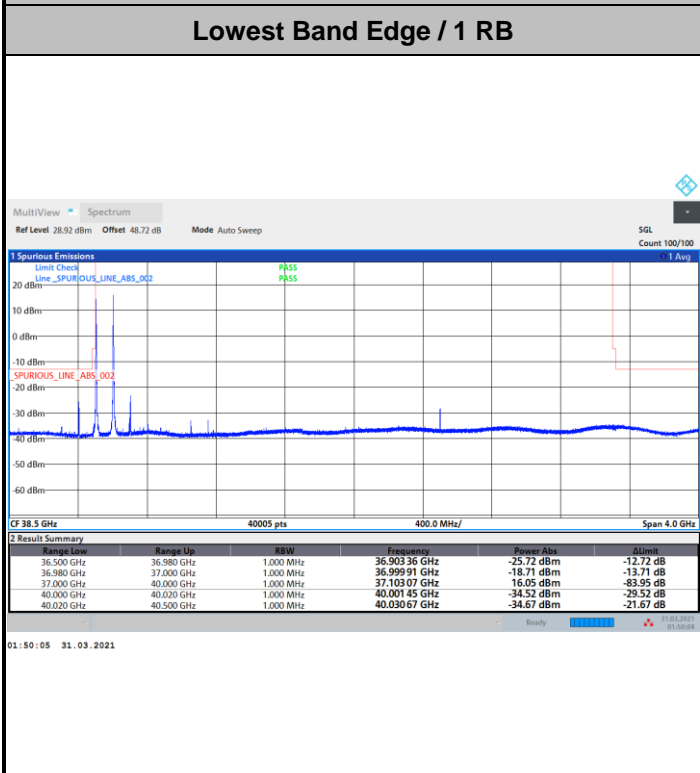


DFT-s-OFDM Module 1

NR Band n260 / 200MHz / BPSK



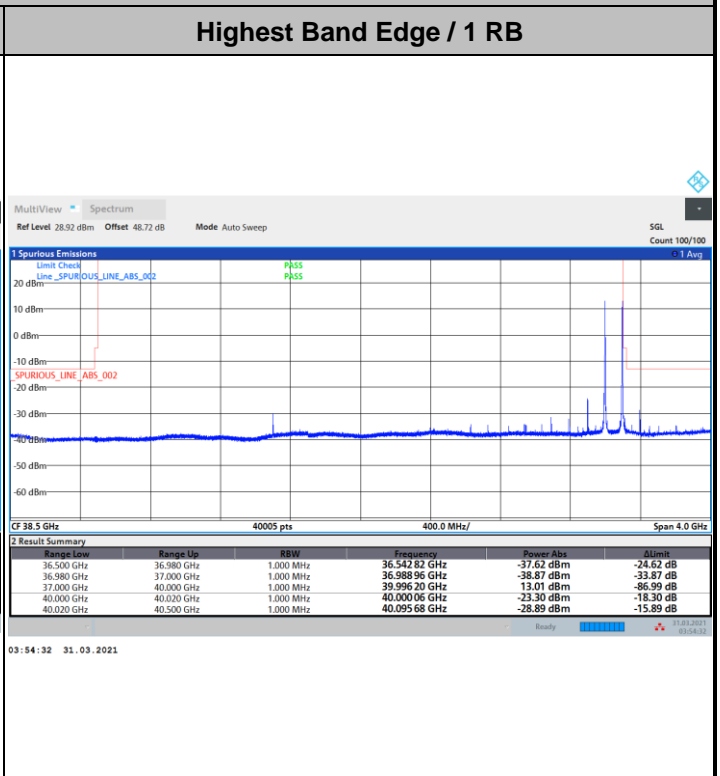
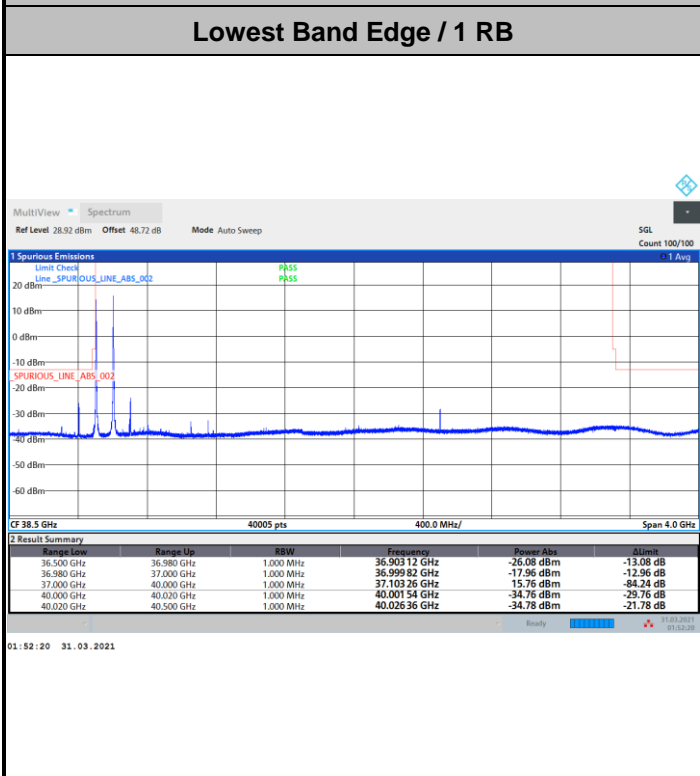
NR Band n260 / 200MHz / QPSK



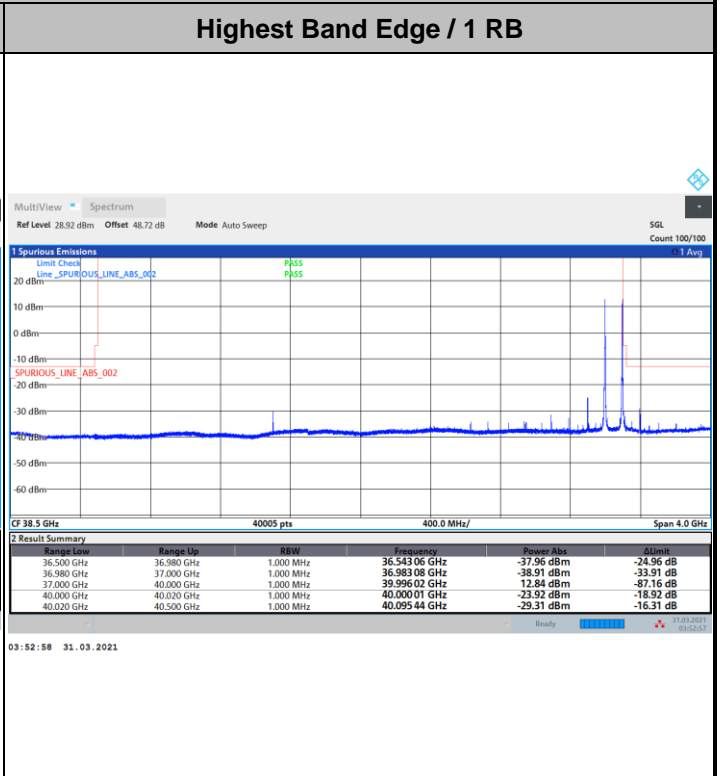
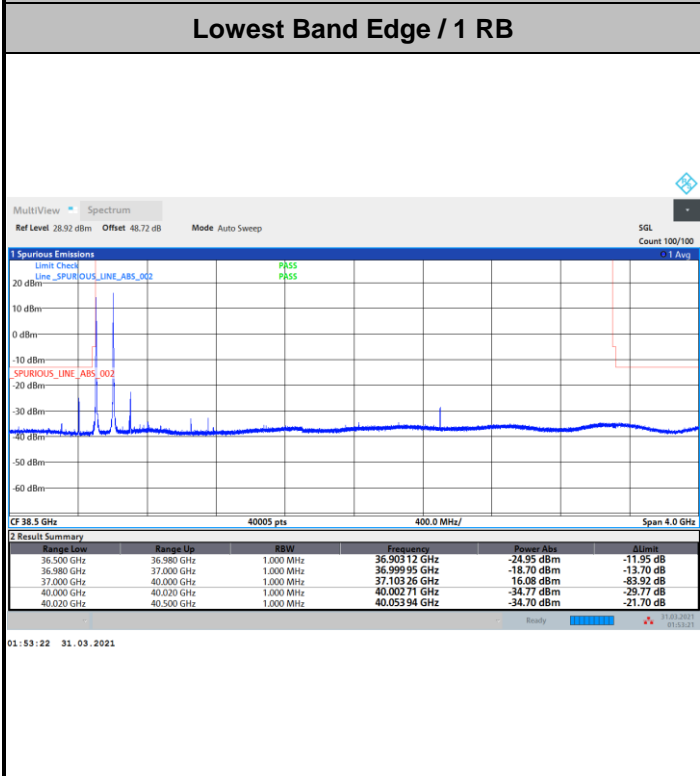


DFT-s-OFDM Module 1

NR Band n260 / 200MHz / 16QAM



NR Band n260 / 200MHz / 64QAM

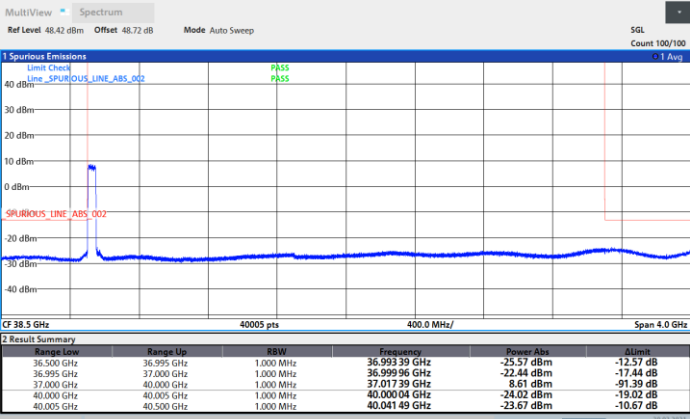




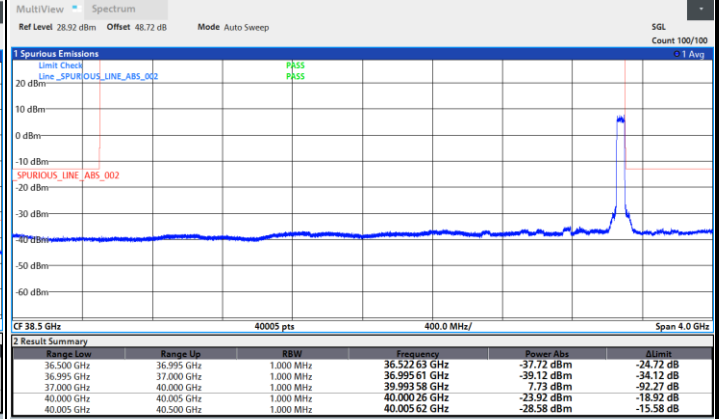
DFT-s-OFDM Module 1

NR Band n260 / 50MHz / BPSK

Lowest Band Edge / Full RB

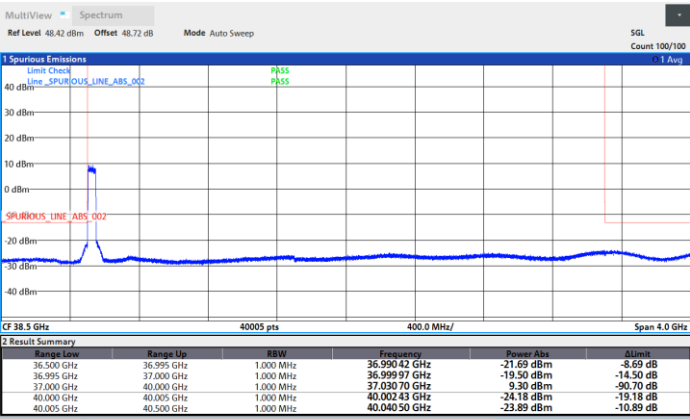


Highest Band Edge / Full RB

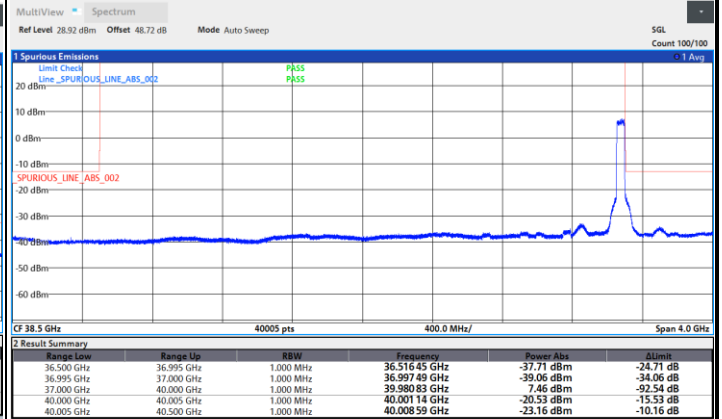


NR Band n260 / 50MHz / QPSK

Lowest Band Edge / Full RB



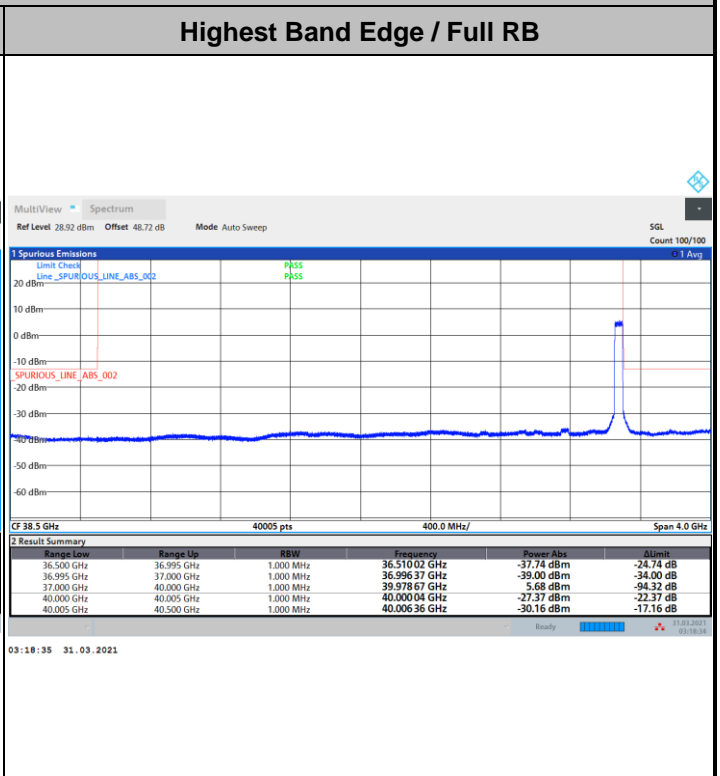
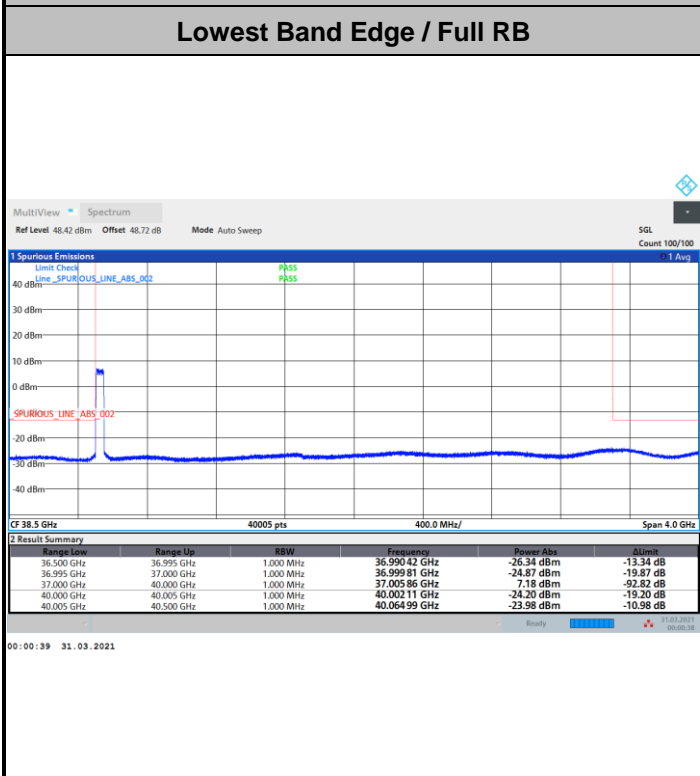
Highest Band Edge / Full RB



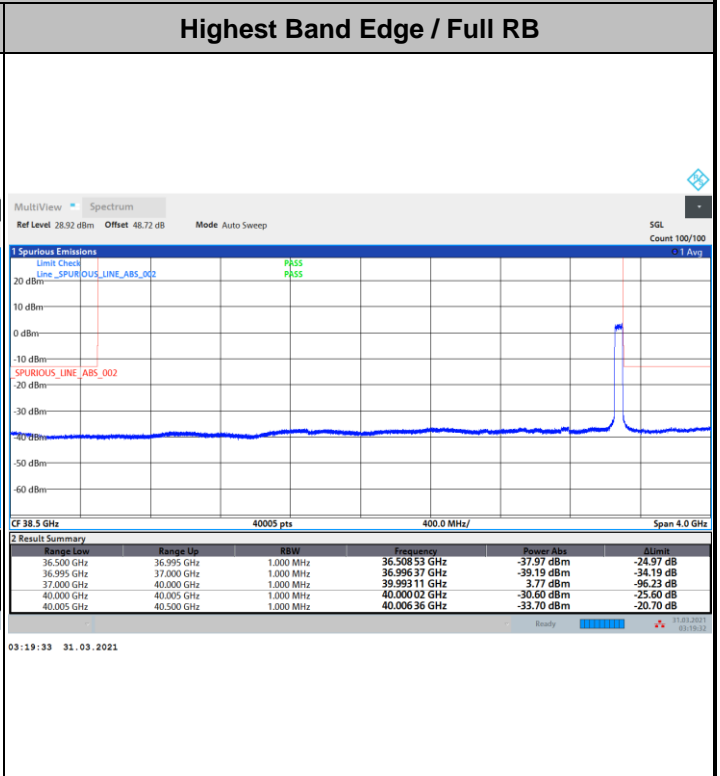
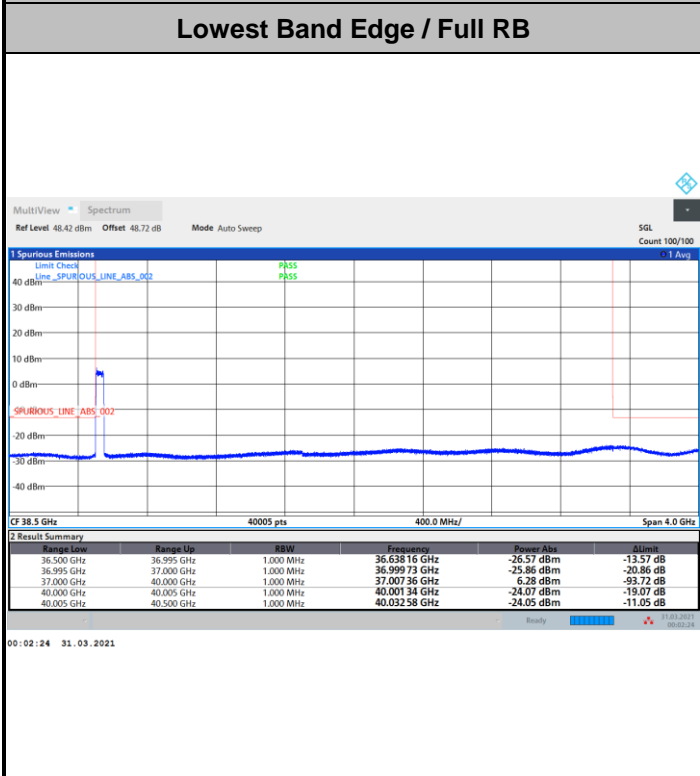


DFT-s-OFDM Module 1

NR Band n260 / 50MHz / 16QAM



NR Band n260 / 50MHz / 64QAM

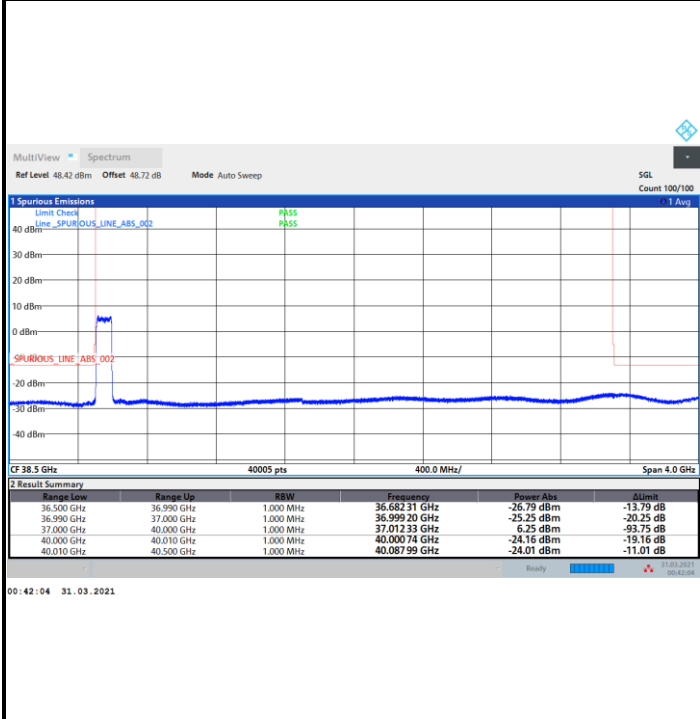




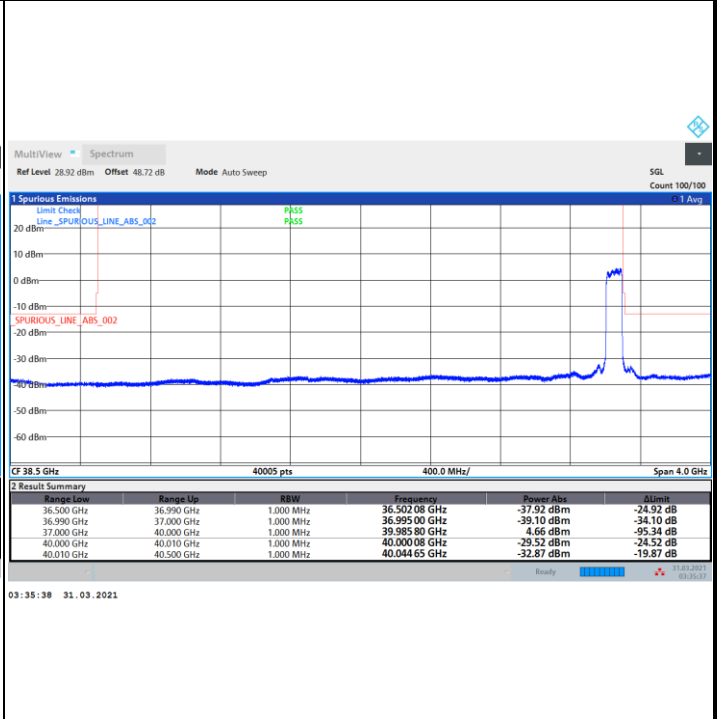
DFT-s-OFDM Module 1

NR Band n260 / 100MHz / BPSK

Lowest Band Edge / Full RB

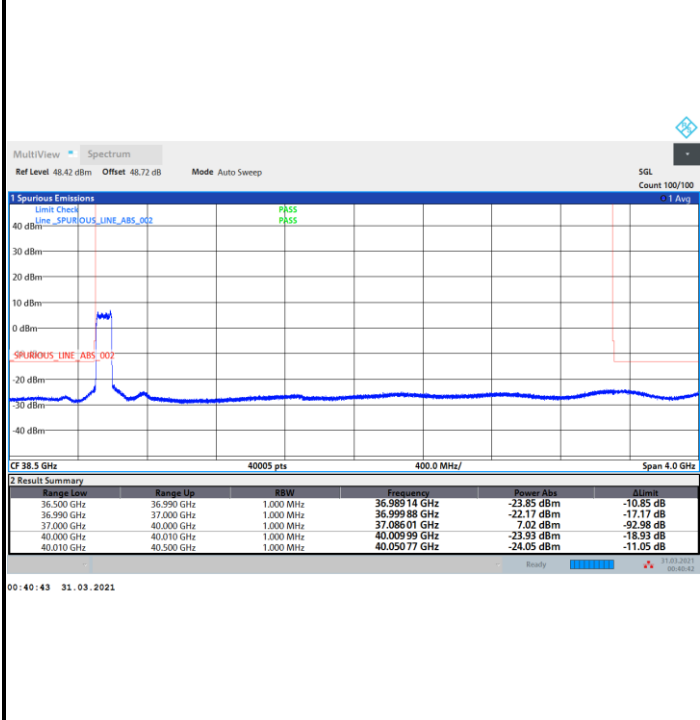


Highest Band Edge / Full RB



NR Band n260 / 100MHz / QPSK

Lowest Band Edge / Full RB



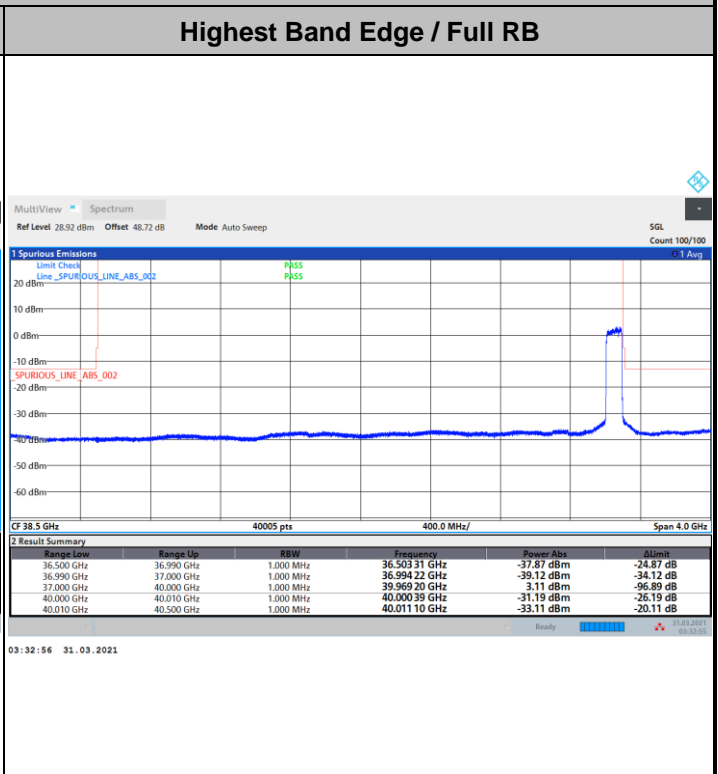
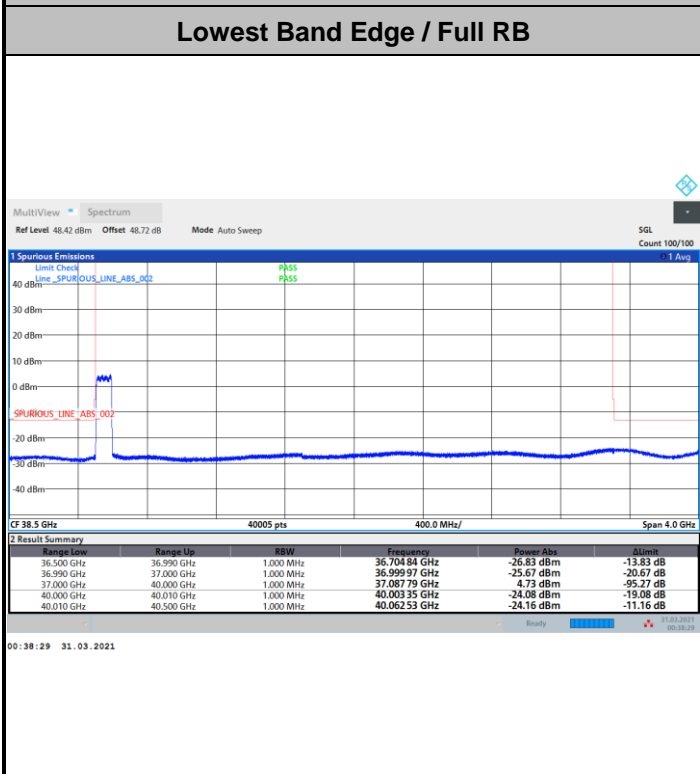
Highest Band Edge / Full RB



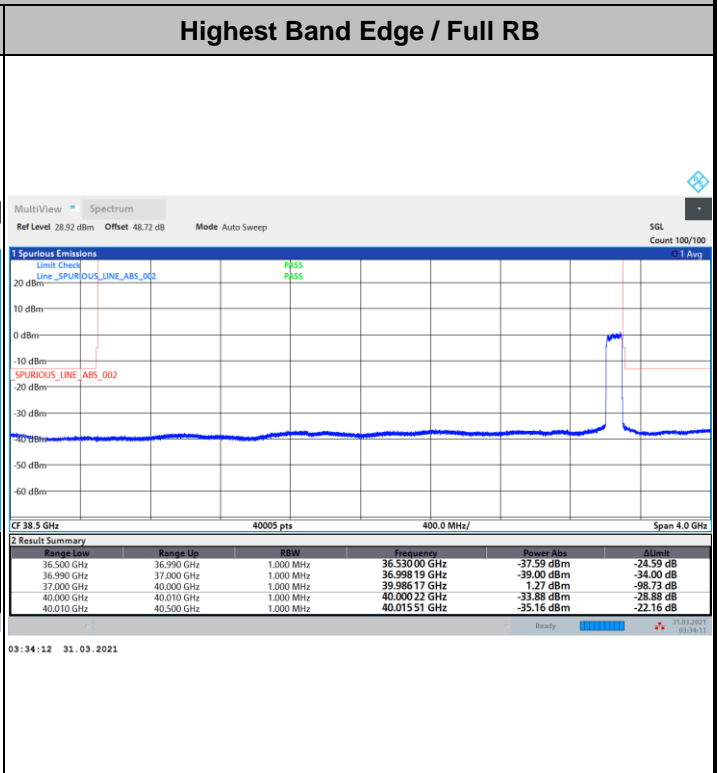
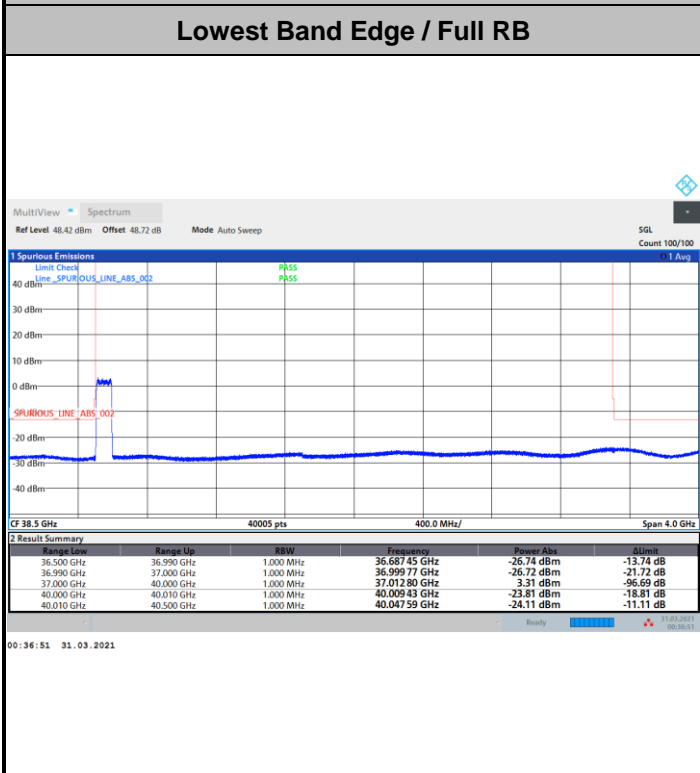


DFT-s-OFDM Module 1

NR Band n260 / 100MHz / 16QAM



NR Band n260 / 100MHz / 64QAM

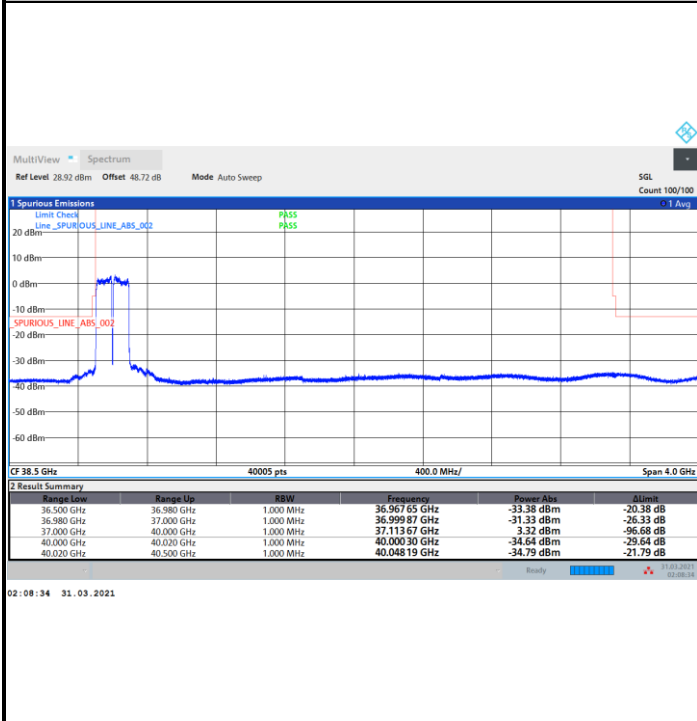




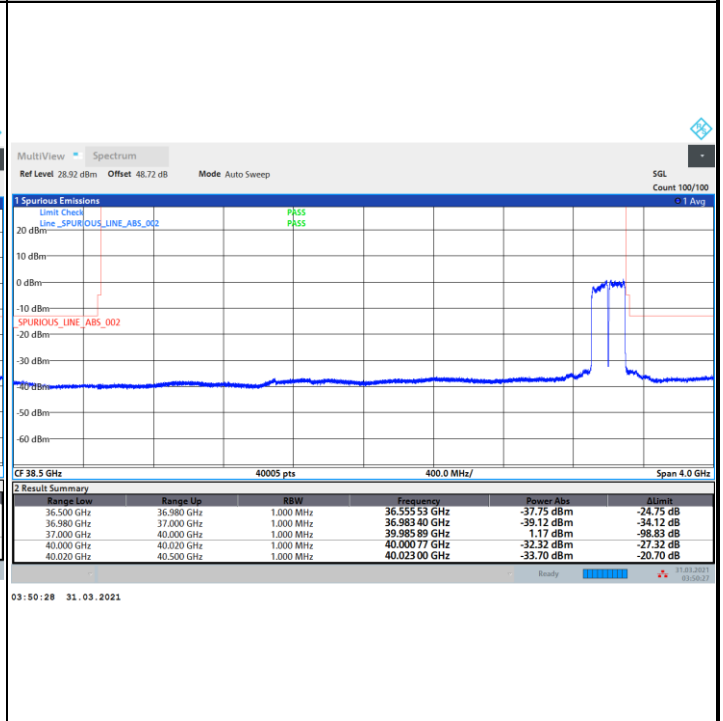
DFT-s-OFDM Module 1

NR Band n260 / 200MHz / BPSK

Lowest Band Edge / Full RB

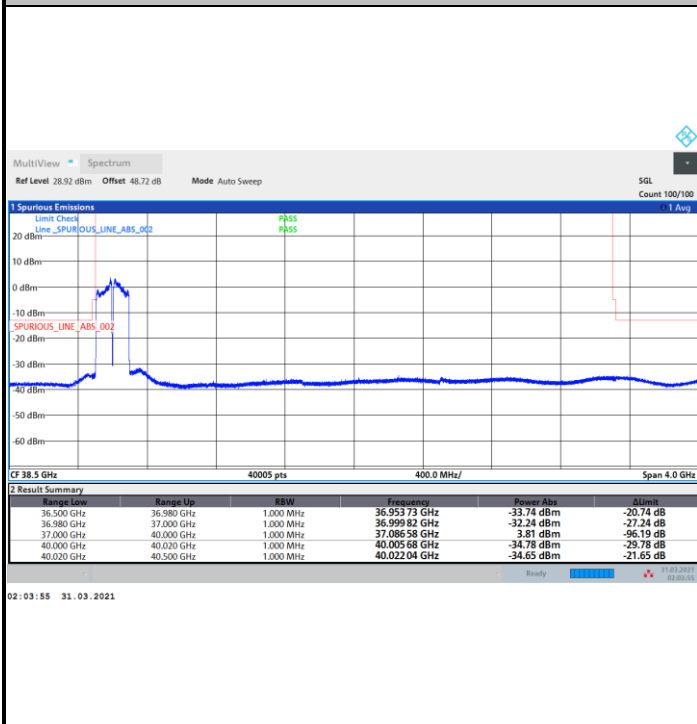


Highest Band Edge / Full RB

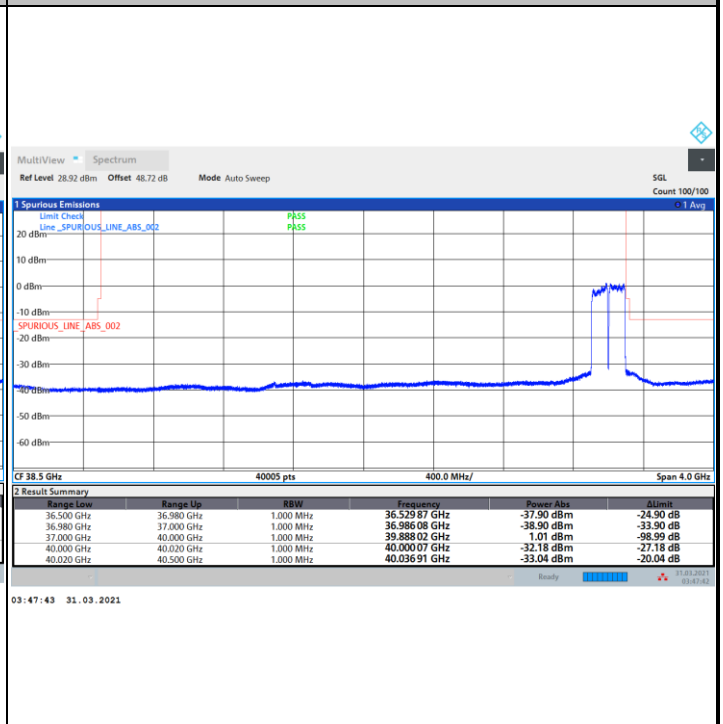


NR Band n260 / 200MHz / QPSK

Lowest Band Edge / Full RB



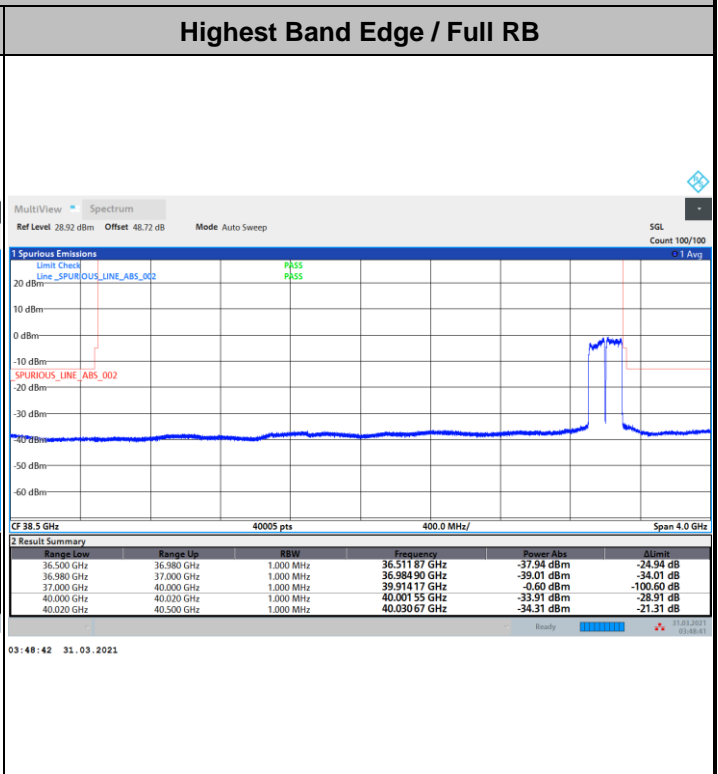
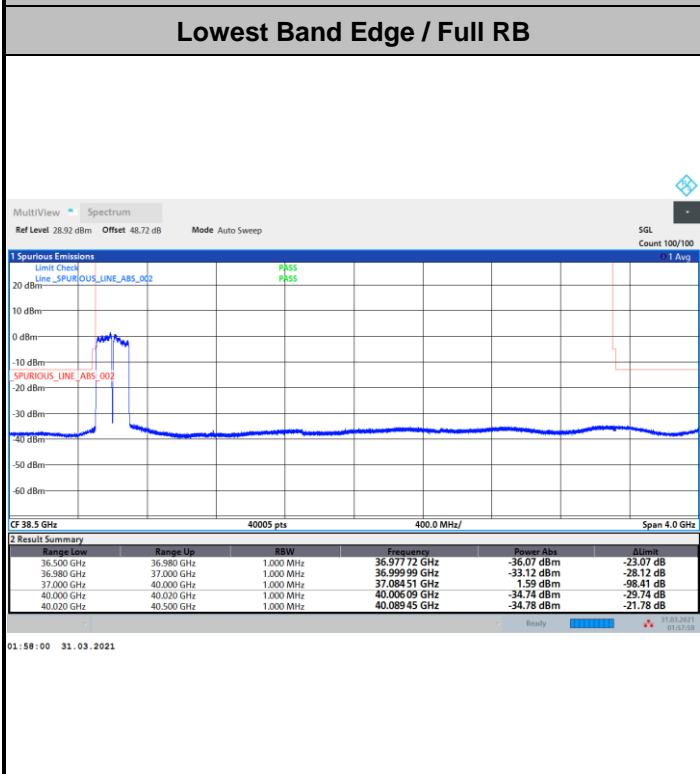
Highest Band Edge / Full RB





DFT-s-OFDM Module 1

NR Band n260 / 200MHz / 16QAM



NR Band n260 / 200MHz / 64QAM

