

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

$$= 53.4 + 2 + 107 + 20\log(0.5) - 104.8 = 51.6 \text{ (dB)}$$



### 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	38.4998082	185.800	4.826	Pass
40	Normal Voltage	38.4998372	156.800	4.073	
30	Normal Voltage	38.4998701	123.900	3.218	
20(Ref.)	Normal Voltage	38.499994	0.000	0.000	
10	Normal Voltage	38.5000679	-73.900	1.919	
0	Normal Voltage	38.500041	-47.000	1.221	
-10	Normal Voltage	38.5001588	-164.800	4.281	
-20	Normal Voltage	38.5000899	-95.900	2.491	
-30	Normal Voltage	38.5002627	-268.700	6.979	
20	Maximum Voltage	38.499966	28.000	0.727	
20	Normal Voltage	38.4999431	50.900	1.322	
20	Battery End Point	38.499994	0.000	0.000	

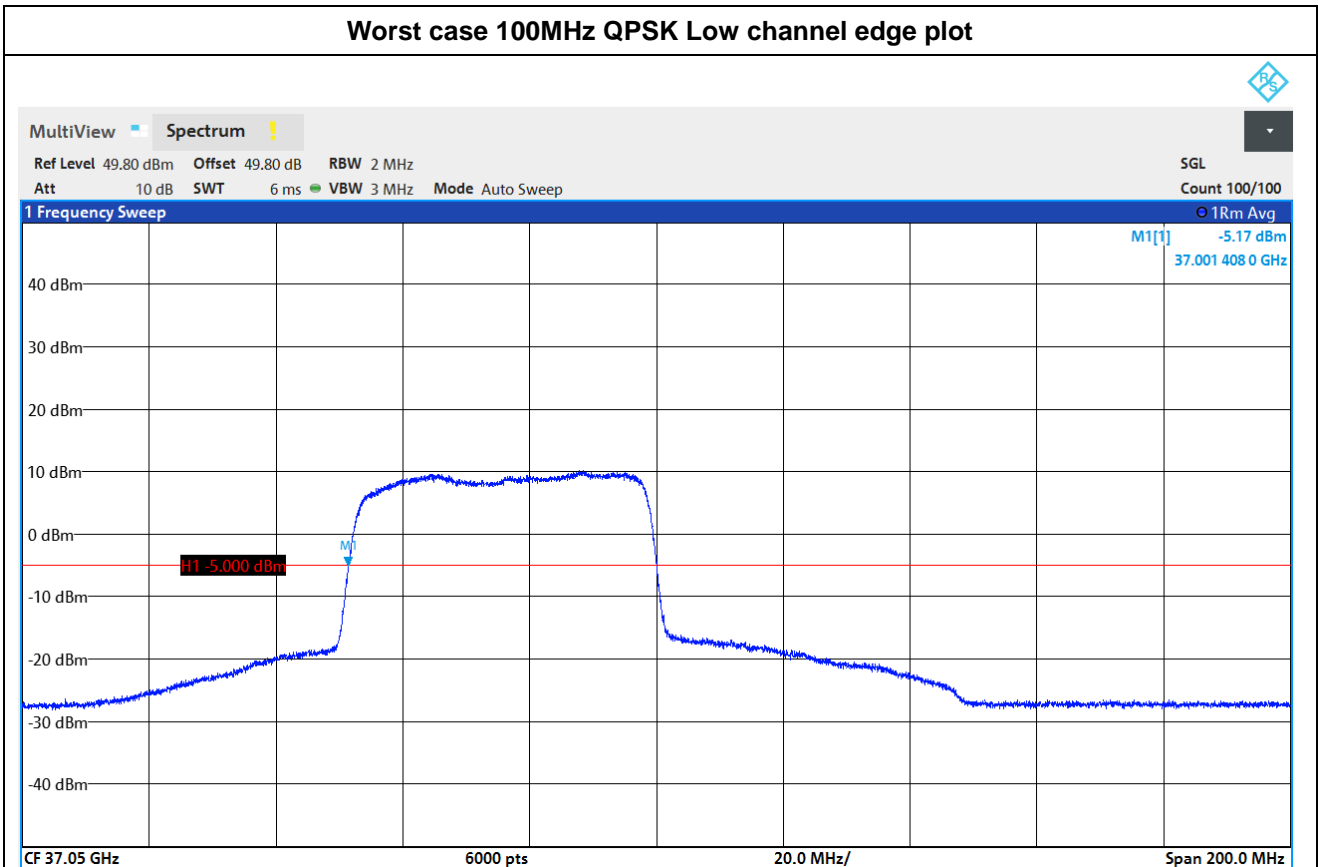
**Note:**

1. Normal Voltage =3.9 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.4 V.
2. The frequency fundamental emissions stay within the operation band.
3. The test result at the next page provides confidence that the maximum frequency deviation will not lead to out of band operation during normal and extreme condition.



Channel Bandwidth	Low channel edge frequency close to -5dBm/MHz limit (Hz)	Freq. gap to the lower edge 37,000,000,000Hz (Hz)	Maximum CW tone Deviation (Hz)	Within the band
50MHz	37,001,492,000	1,492,000	268.700	Compliance
100MHz	37,001,408,000	1,408,000	268.700	Compliance
200MHz	37,003,967,000	3,967,000	268.700	Compliance

Channel Bandwidth	High channel edge frequency close to -5dBm/MHz limit (Hz)	Freq. gap to the lower edge 40,000,000,000Hz (Hz)	Maximum CW tone Deviation (Hz)	Within the band
50MHz	39,997,808,000	2,192,000	268.700	Compliance
100MHz	39,995,283,000	4,717,000	268.700	Compliance
200MHz	39,993,767,000	6,233,000	268.700	Compliance





# NR Band n260 AG1

## Occupied Bandwidth

Mode	DFT-s-OFDM Module 0 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	45.25	45.28	45.19	45.12	90.36	90.60	90.44	90.33	187.40	187.55	188.00	187.57
Middle CH	45.16	45.38	45.35	45.19	90.41	90.65	90.54	90.43	188.66	188.29	188.60	188.72
Highest CH	45.47	45.26	45.43	45.43	90.34	90.62	90.51	90.43	188.72	189.02	188.95	189.02

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	45.60	45.30	45.47	45.35	90.28	90.66	90.24	90.69	187.64	187.99	188.02	187.52
Middle CH	45.64	45.32	45.43	45.30	90.46	90.83	90.52	90.61	188.83	188.83	188.81	189.11
Highest CH	45.56	45.68	45.57	45.30	90.69	90.92	90.74	91.03	189.13	188.94	188.98	189.05

Mode	CP-OFDM Module 0 NR Band n260 : 99%OBW(MHz)									
BW	50MHz			100MHz			200MHz			
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	
Lowest CH	45.33	45.27	45.07	93.08	93.12	92.96	189.71	189.73	189.55	
Middle CH	45.24	45.35	45.29	93.06	93.08	92.81	190.91	190.65	191.09	
Highest CH	45.49	45.45	45.52	90.50	90.55	90.79	191.09	190.80	192.03	

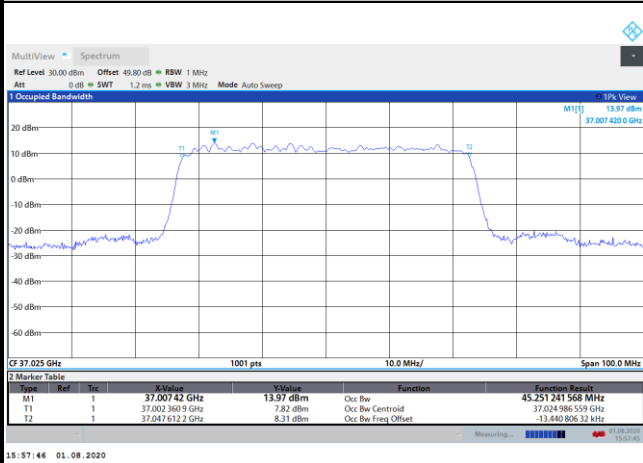
Mode	CP-OFDM Module 1 NR Band n260 : 99%OBW(MHz)									
BW	50MHz			100MHz			200MHz			
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	
Lowest CH	45.48	45.39	45.49	92.89	92.83	93.24	189.71	189.82	189.64	
Middle CH	45.60	45.45	45.55	92.93	92.87	93.38	191.18	191.24	191.97	
Highest CH	45.66	45.55	45.58	93.53	93.45	93.49	191.90	192.10	192.43	



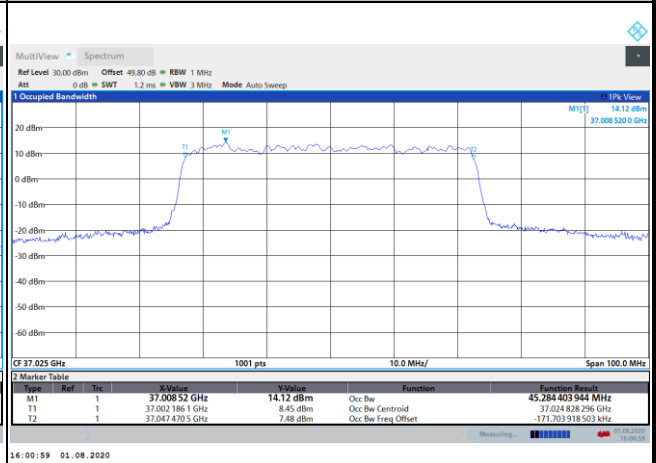
DFT-s-OFDM Module 0

NR Band n260

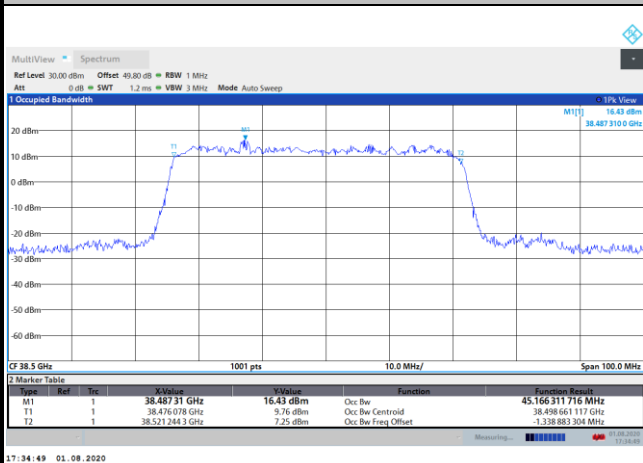
Lowest Channel / 50MHz / BPSK



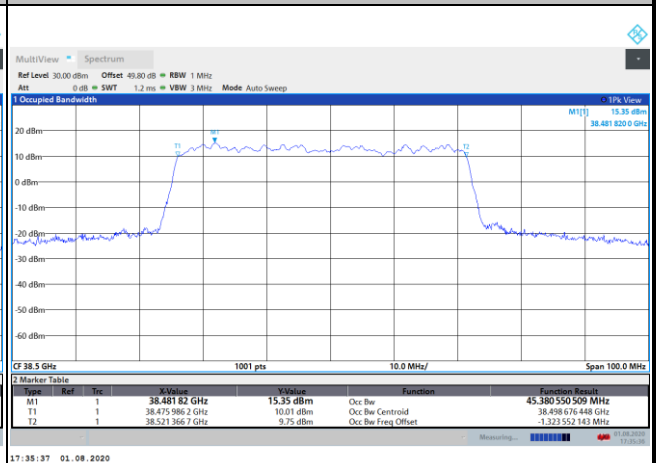
Lowest Channel / 50MHz / QPSK



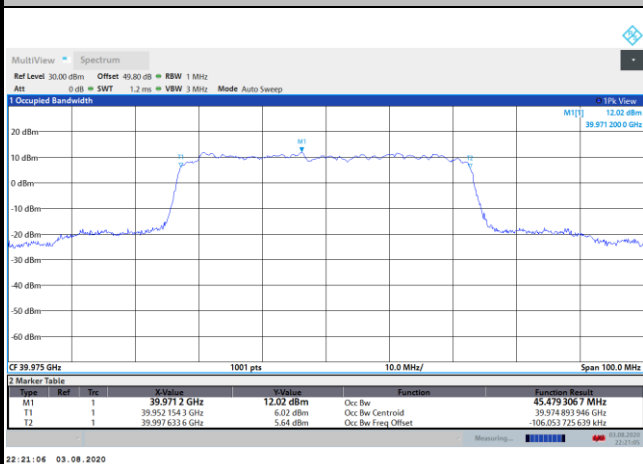
Middle Channel / 50MHz / BPSK



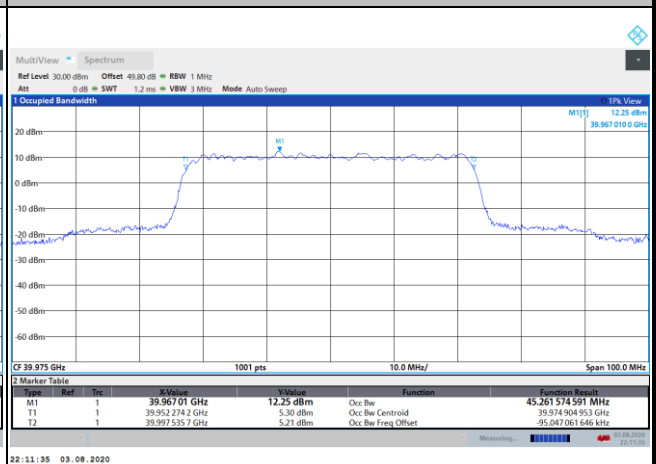
Middle Channel / 50MHz / QPSK



Highest Channel / 50MHz / BPSK



Highest Channel / 50MHz / QPSK

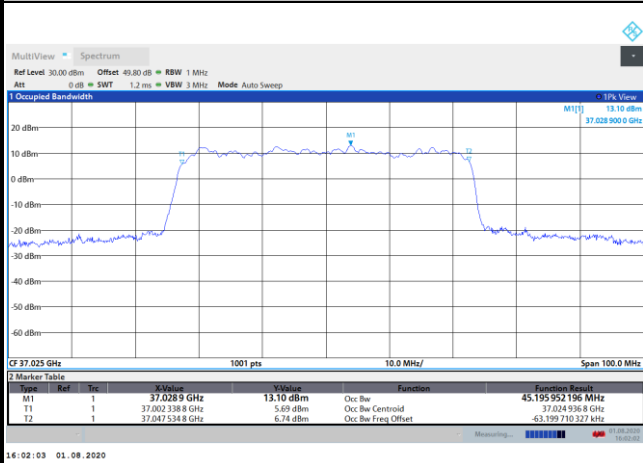




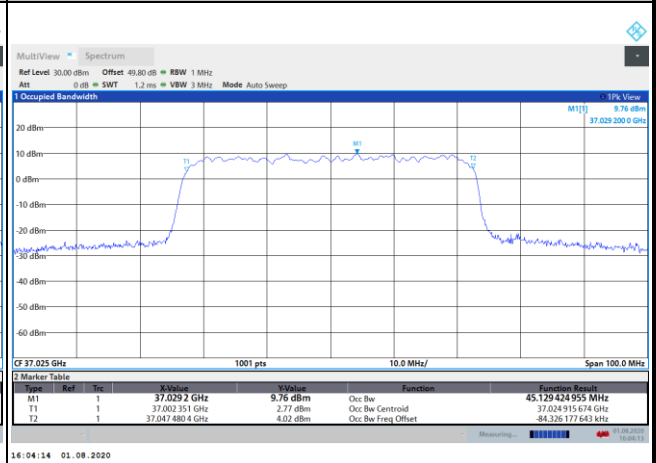
DFT-s-OFDM Module 0

NR Band n260

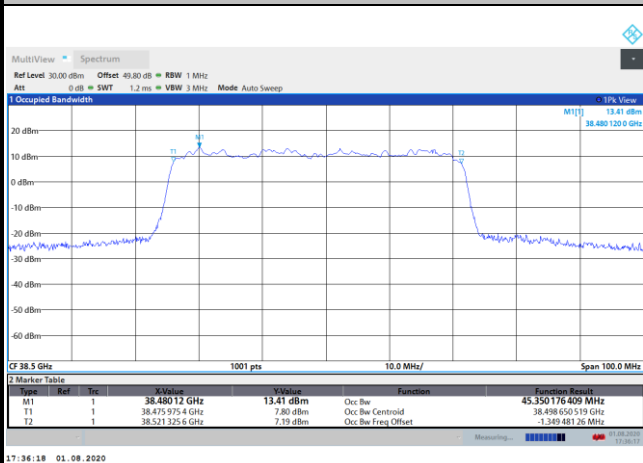
Lowest Channel / 50MHz / 16QAM



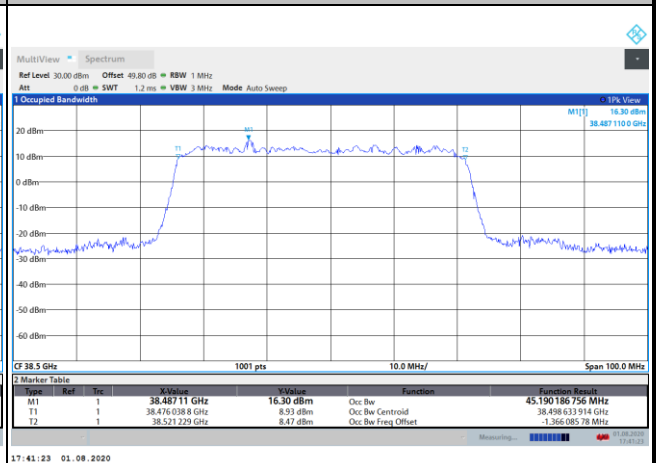
Lowest Channel / 50MHz / 64QAM



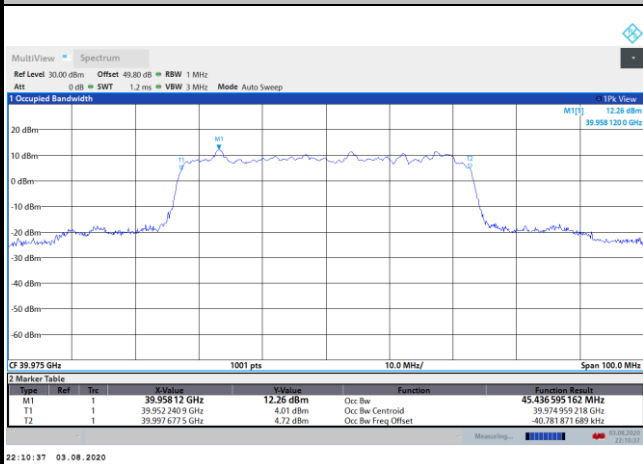
Middle Channel / 50MHz / 16QAM



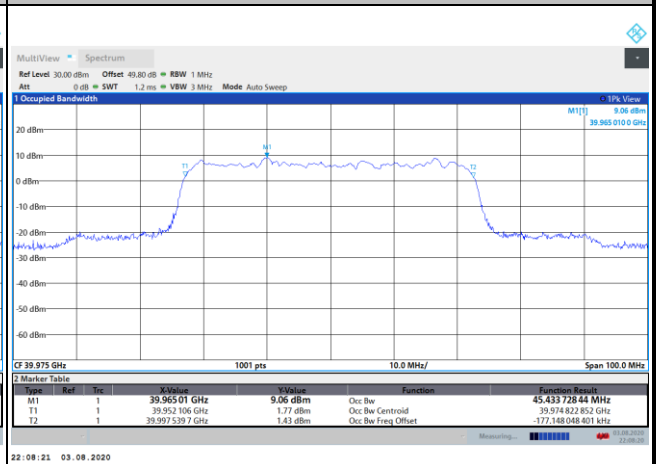
Middle Channel / 50MHz / 64QAM



Highest Channel / 50MHz / 16QAM



Highest Channel / 50MHz / 64QAM

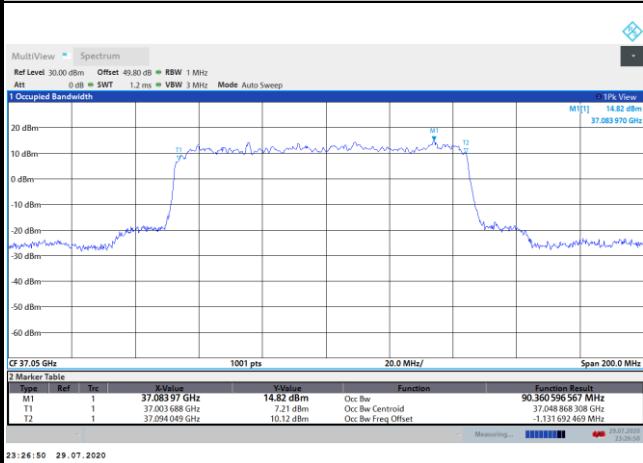




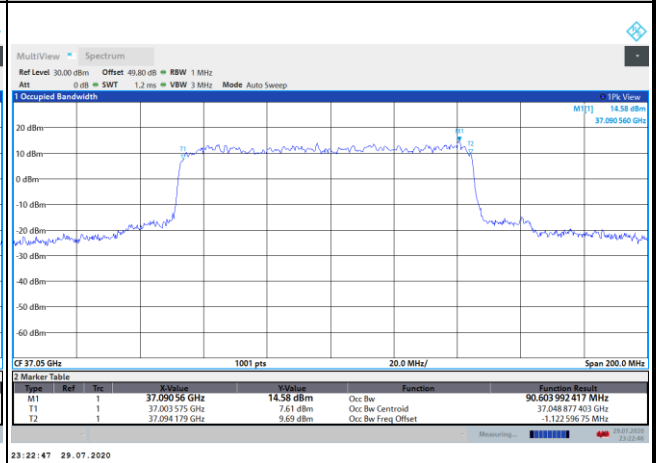
DFT-s-OFDM Module 0

NR Band n260

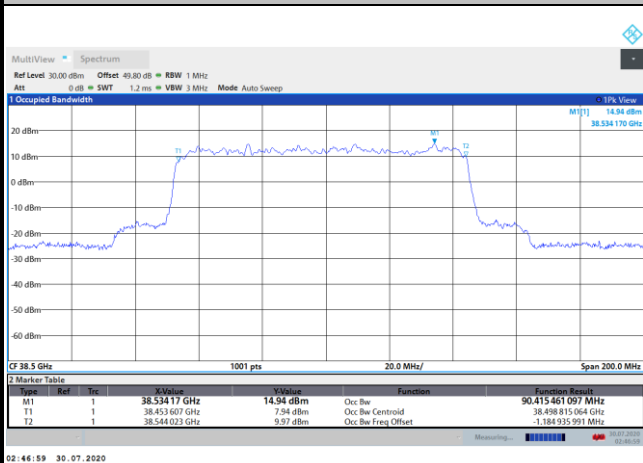
Lowest Channel / 100MHz / BPSK



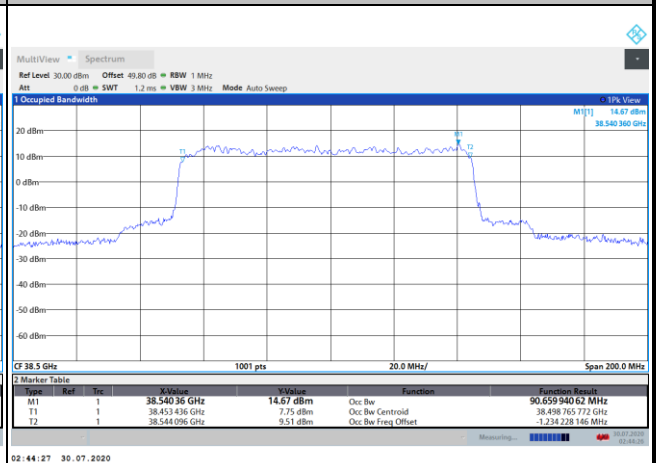
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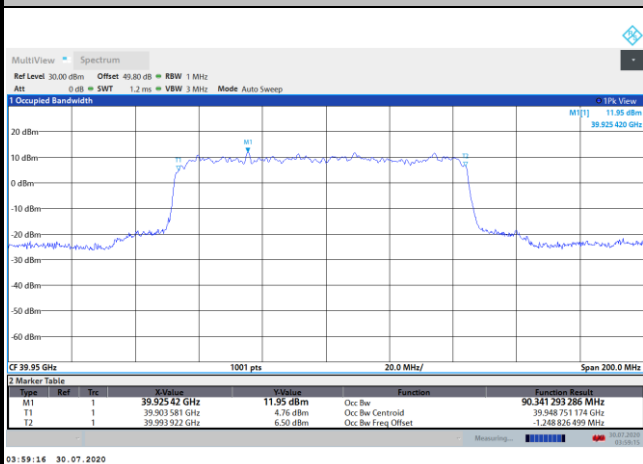
Middle Channel / 100MHz / BPSK



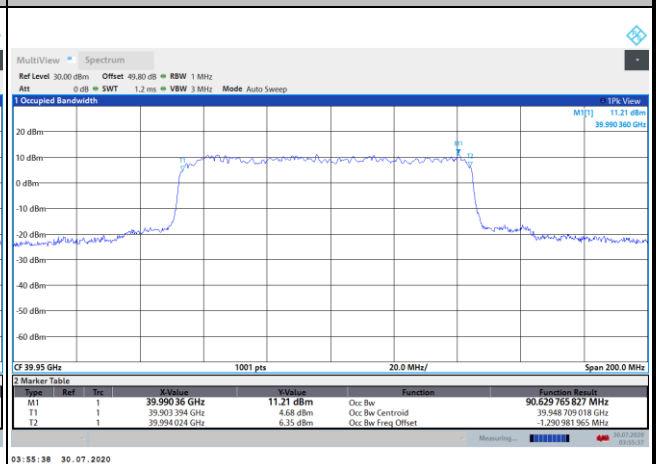
Middle Channel / 100MHz / QPSK



Highest Channel / 100MHz / BPSK



Highest Channel / 100MHz / QPSK

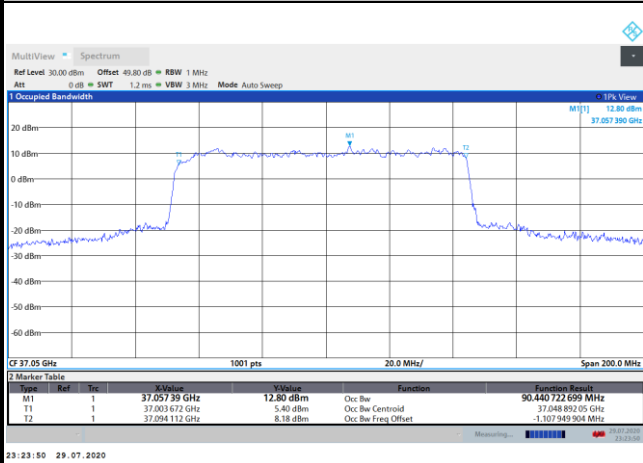




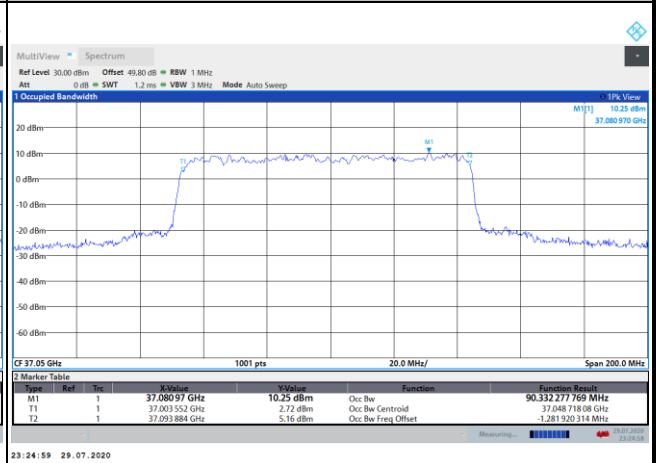
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NR Band n260

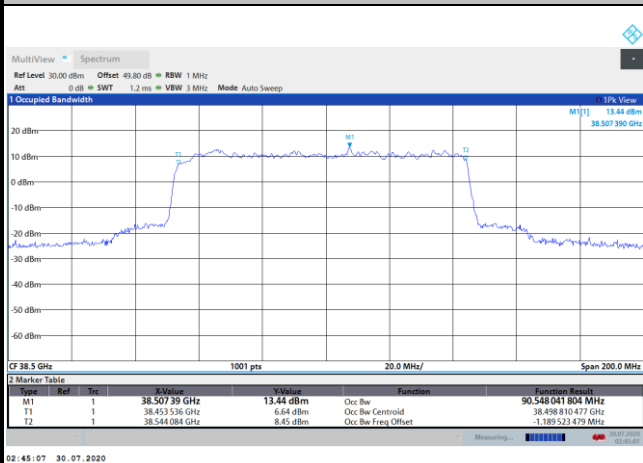
Lowest Channel / 100MHz / 16QAM



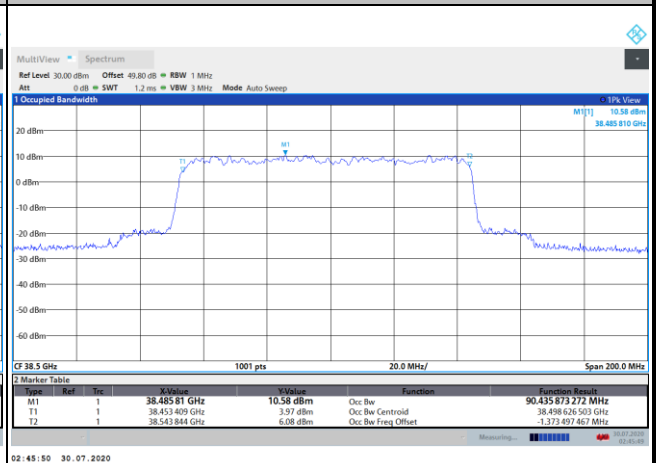
Lowest Channel / 100MHz / 64QAM



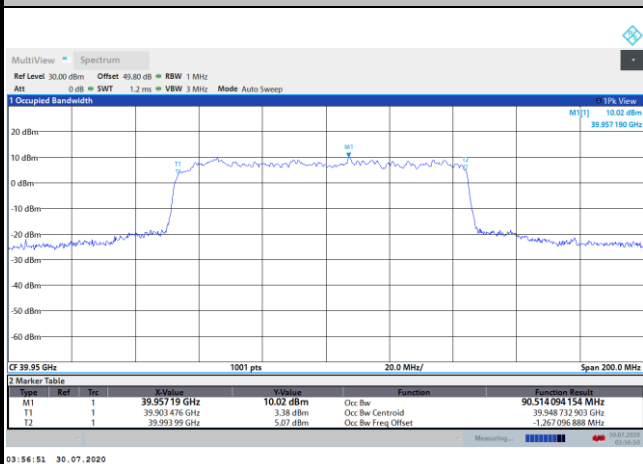
Middle Channel / 100MHz / 16QAM



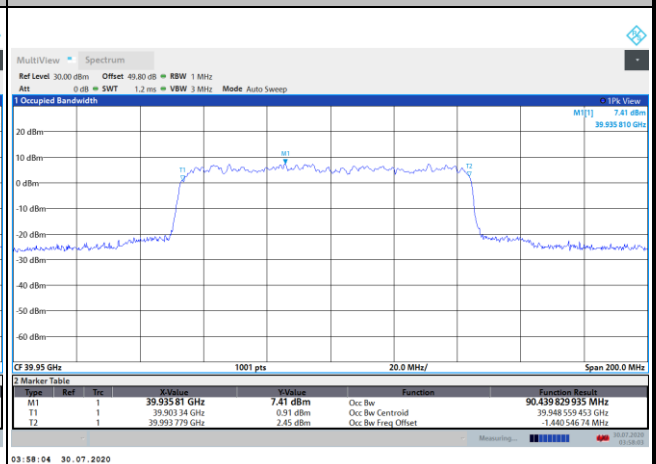
Middle Channel / 100MHz / 64QAM



Highest Channel / 100MHz / 16QAM



Highest Channel / 100MHz / 64QAM



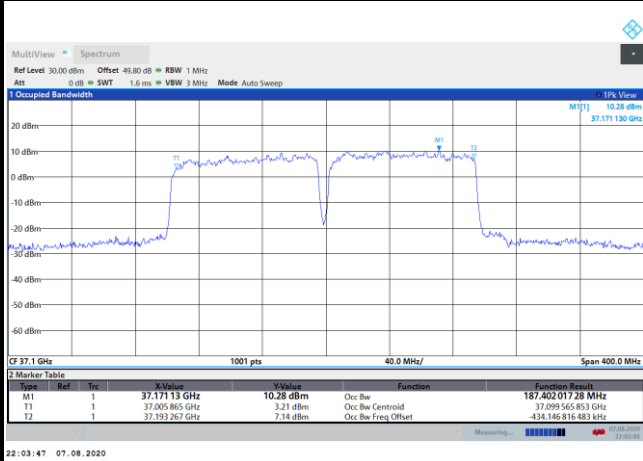




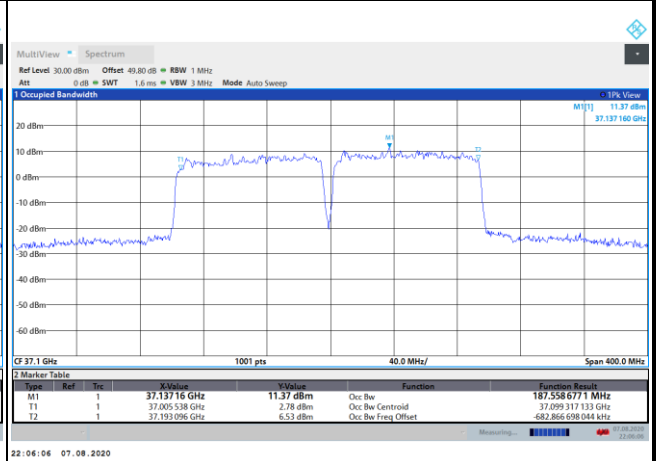
DFT-s-OFDM Module 0

NR Band n260

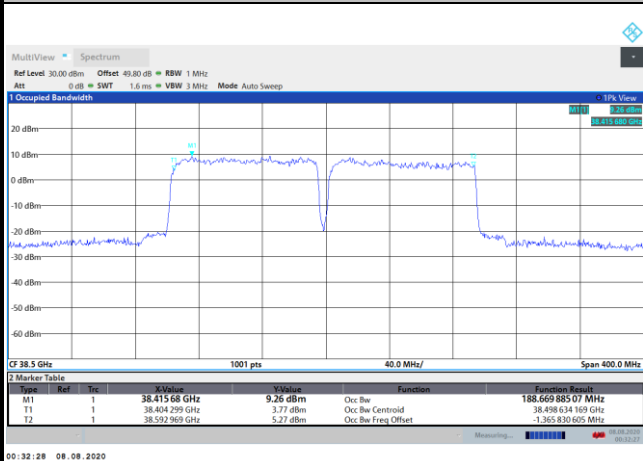
Lowest Channel / 200MHz / BPSK



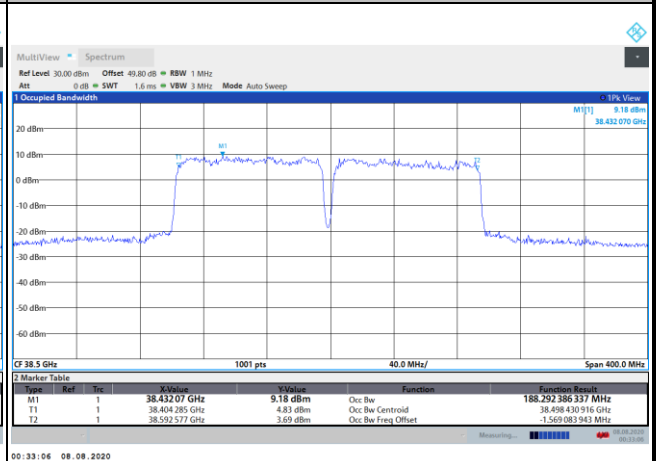
Lowest Channel / 200MHz / QPSK



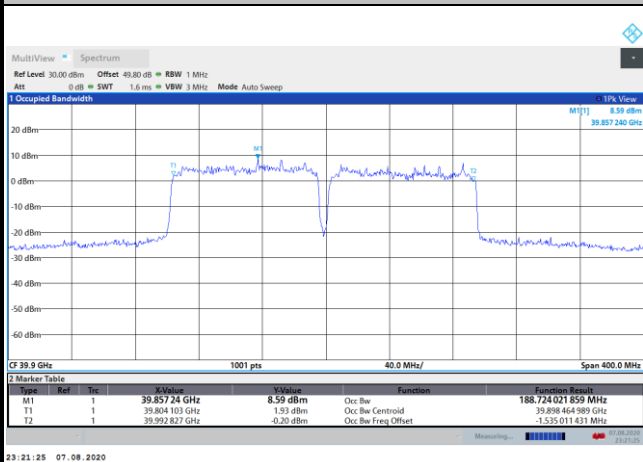
Middle Channel / 200MHz / BPSK



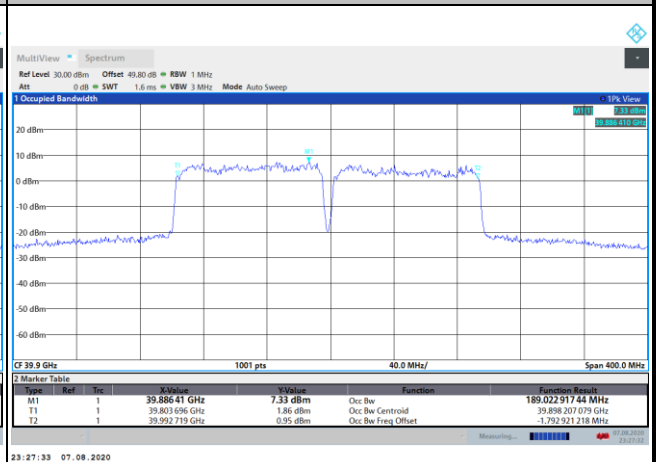
Middle Channel / 200MHz / QPSK



Highest Channel / 200MHz / BPSK



Highest Channel / 200MHz / QPSK

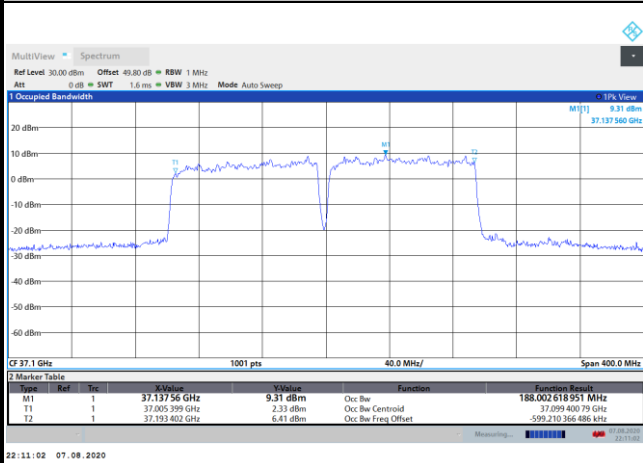




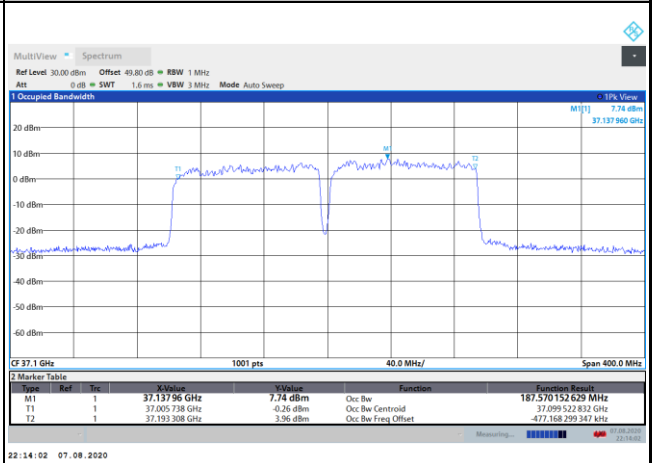
DFT-s-OFDM Module 0

NR Band n260

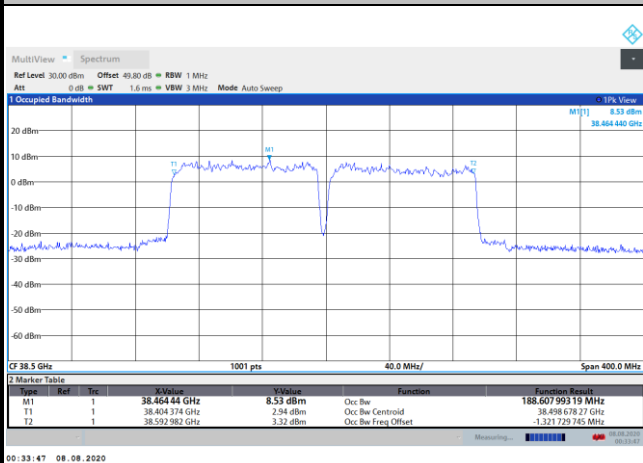
Lowest Channel / 200MHz / 16QAM



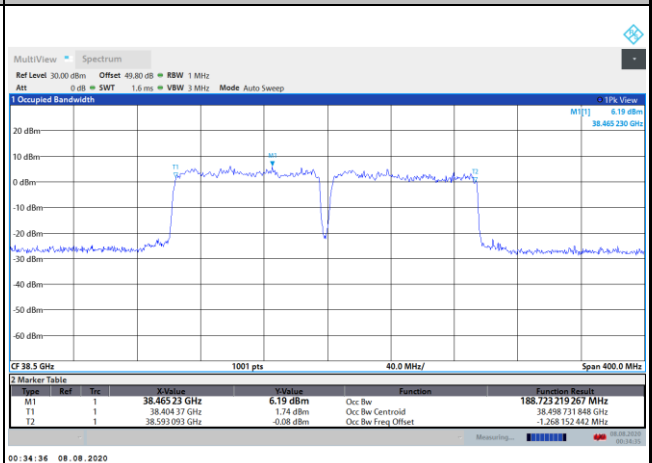
Lowest Channel / 200MHz / 64QAM



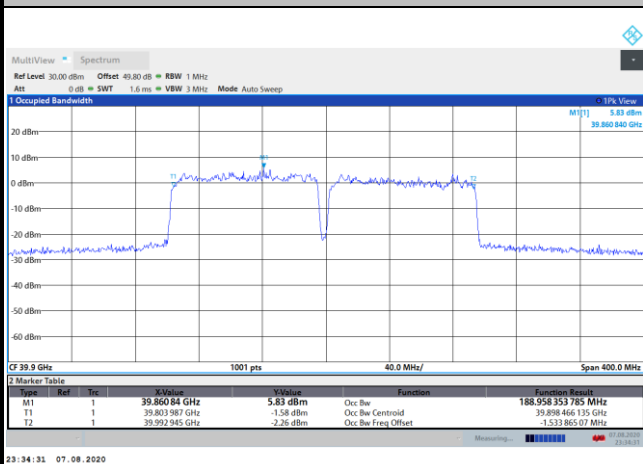
Middle Channel / 200MHz / 16QAM



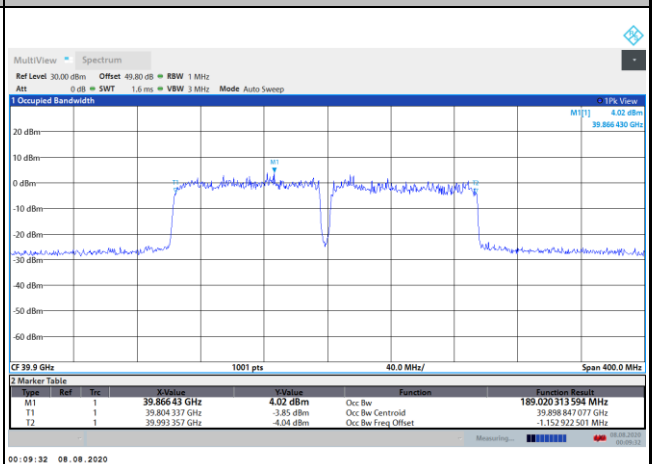
Middle Channel / 200MHz / 64QAM



Highest Channel / 200MHz / 16QAM



Highest Channel / 200MHz / 64QAM

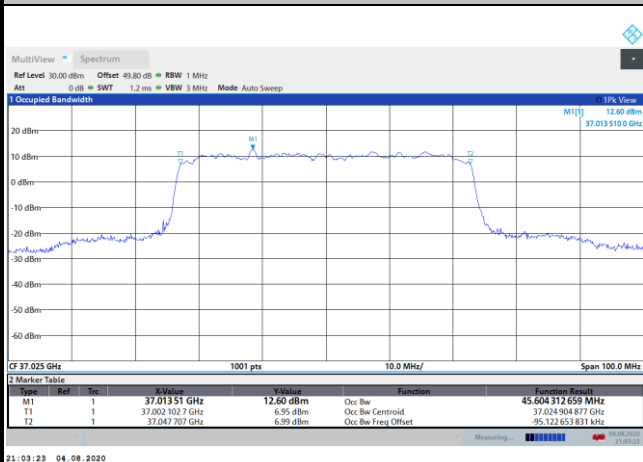




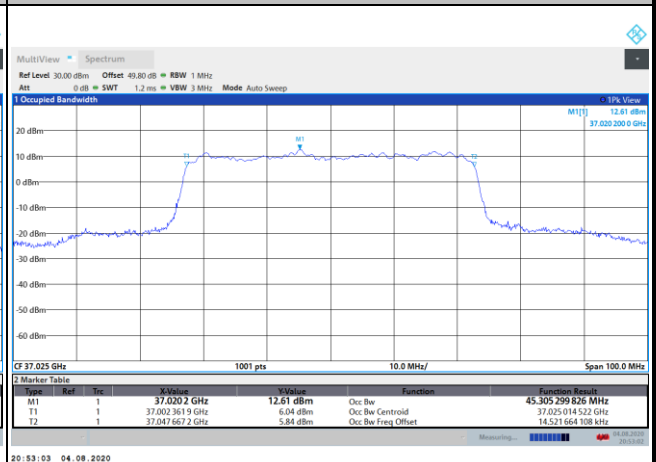
DFT-s-OFDM Module 1

NR Band n260

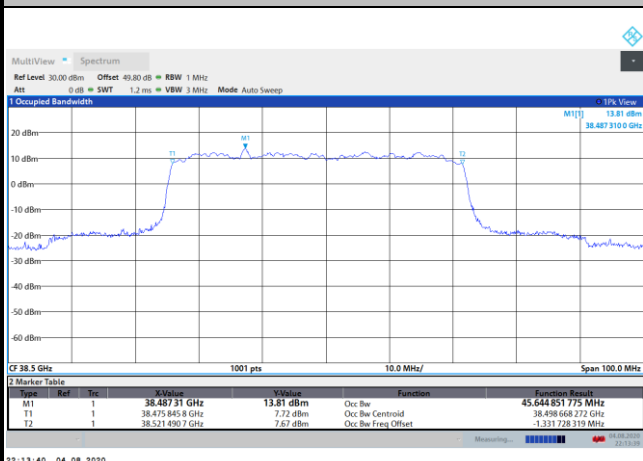
Lowest Channel / 50MHz / BPSK



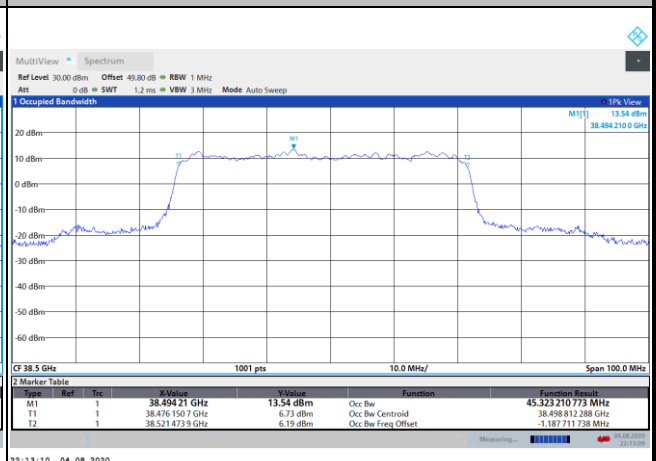
Lowest Channel / 50MHz / QPSK



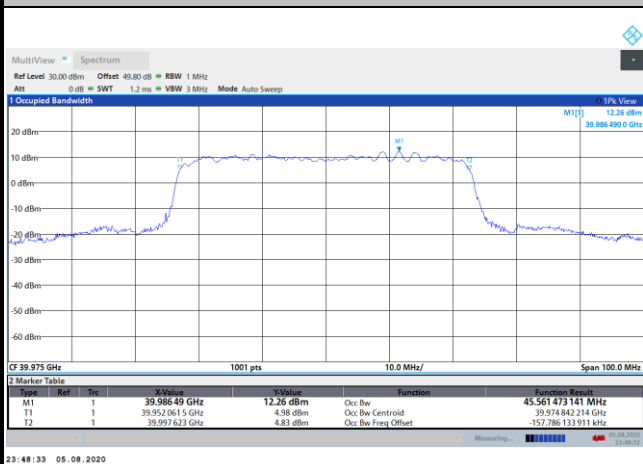
Middle Channel / 50MHz / BPSK



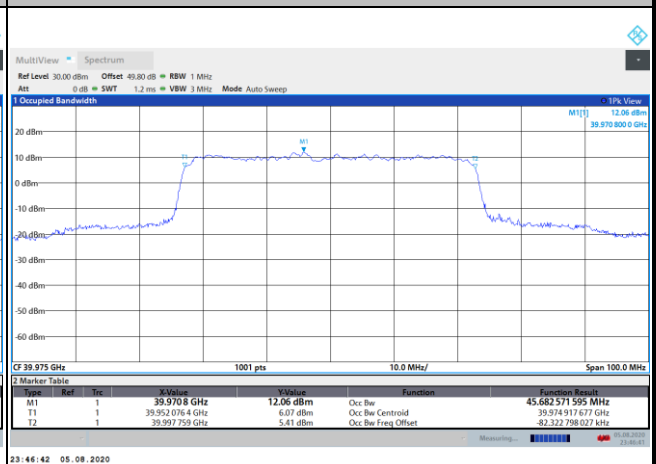
Middle Channel / 50MHz / QPSK



Highest Channel / 50MHz / BPSK



Highest Channel / 50MHz / QPSK

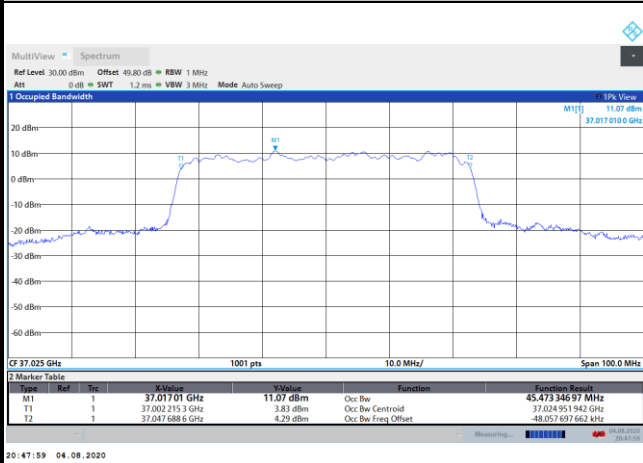




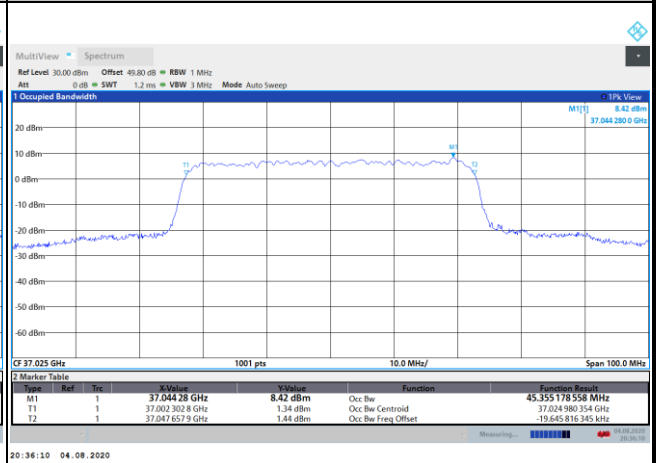
DFT-s-OFDM Module 1

NR Band n260

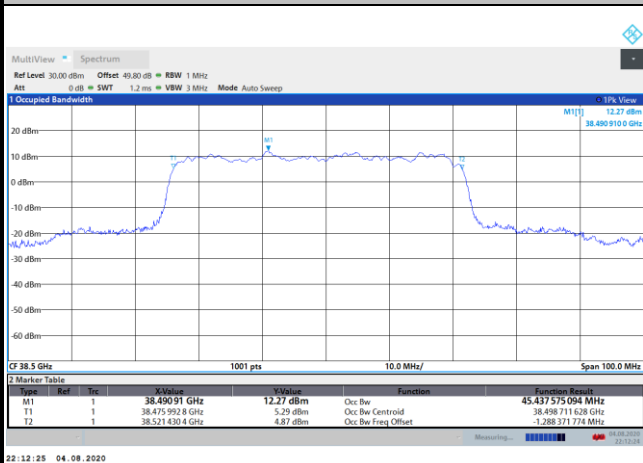
Lowest Channel / 50MHz / 16QAM



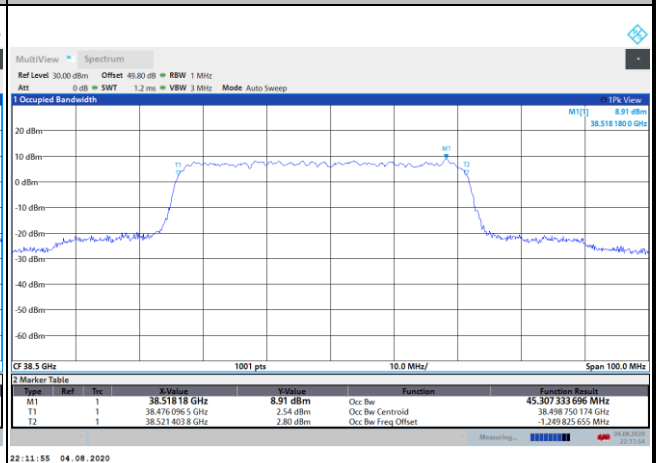
Lowest Channel / 50MHz / 64QAM



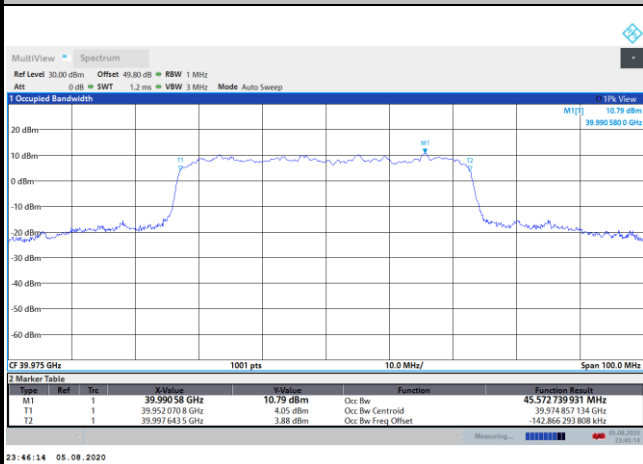
Middle Channel / 50MHz / 16QAM



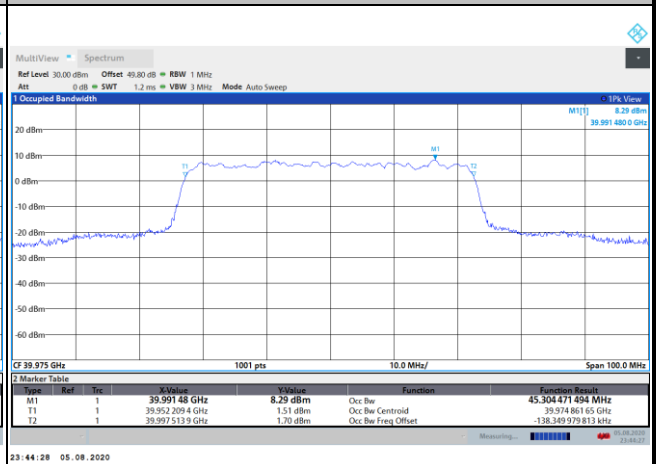
Middle Channel / 50MHz / 64QAM



Highest Channel / 50MHz / 16QAM



Highest Channel / 50MHz / 64QAM

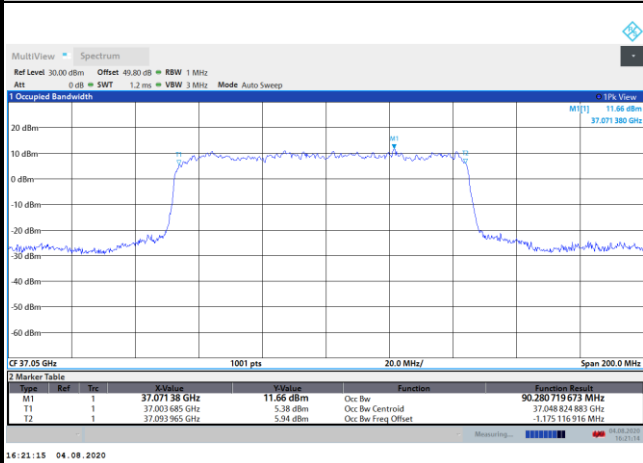




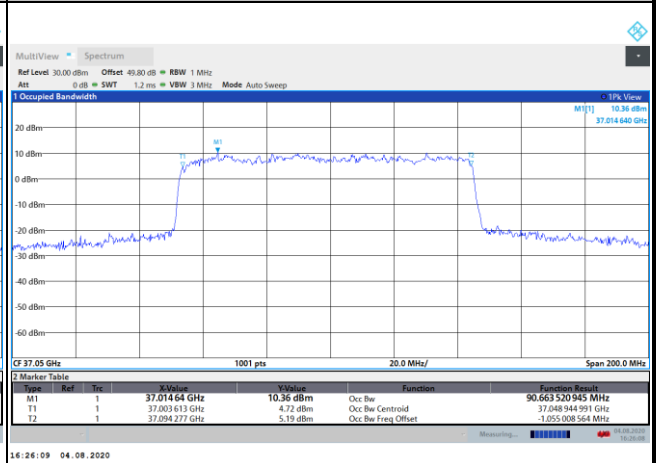
DFT-s-OFDM Module 1

NR Band n260

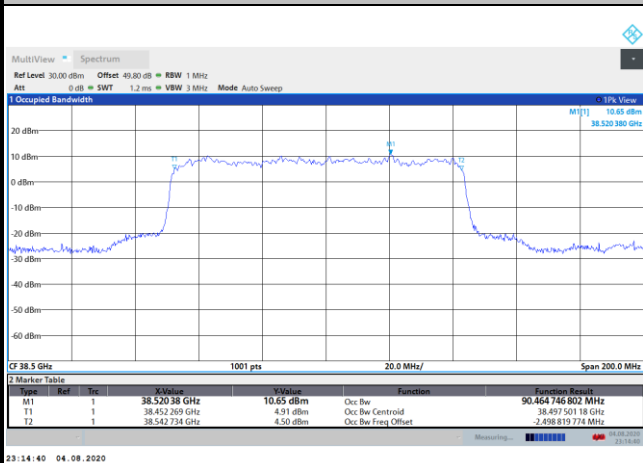
Lowest Channel / 100MHz / BPSK



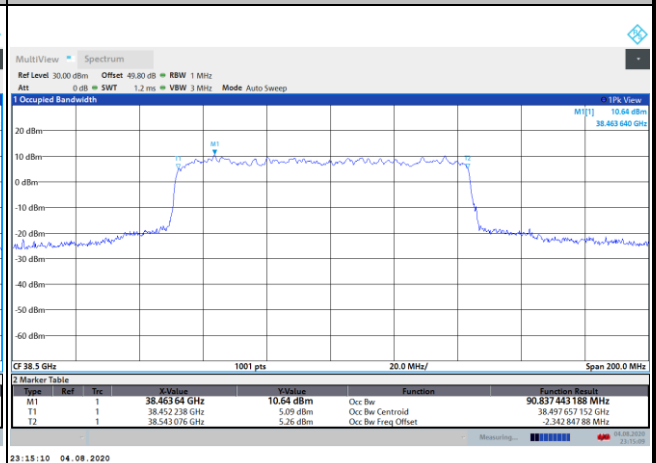
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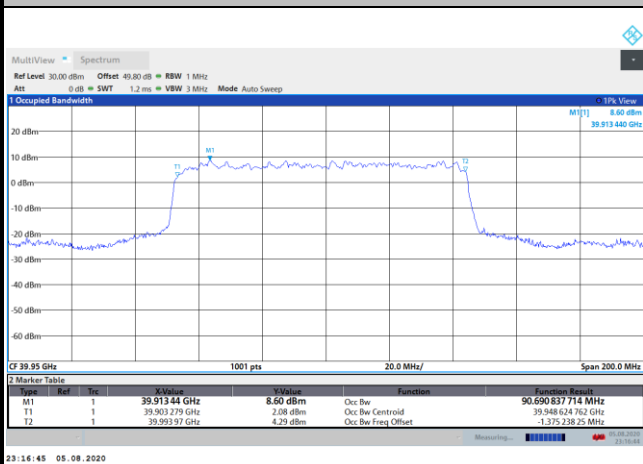
Middle Channel / 100MHz / BPSK



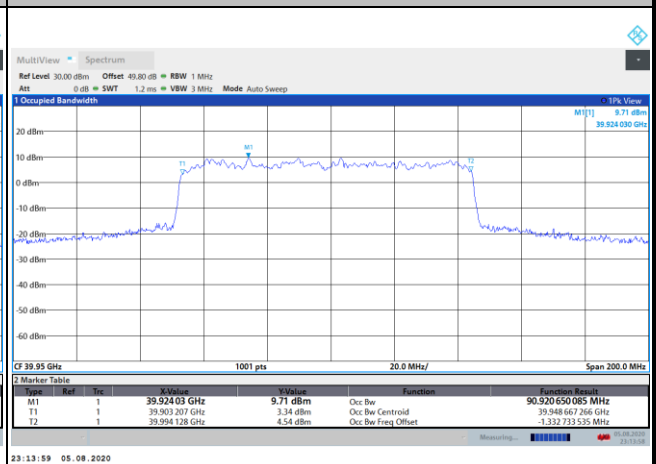
Middle Channel / 100MHz / QPSK



Highest Channel / 100MHz / BPSK



Highest Channel / 100MHz / QPSK

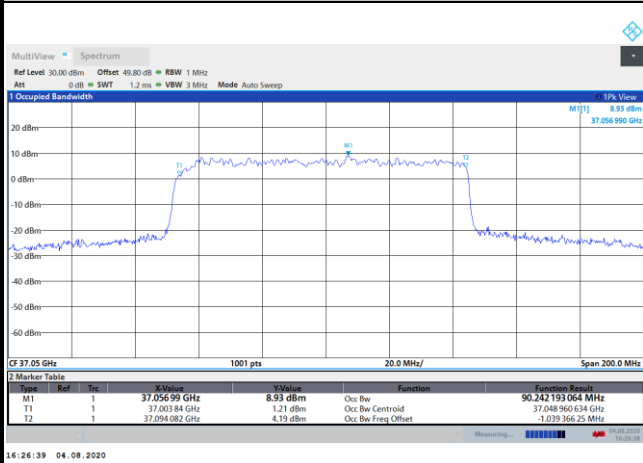




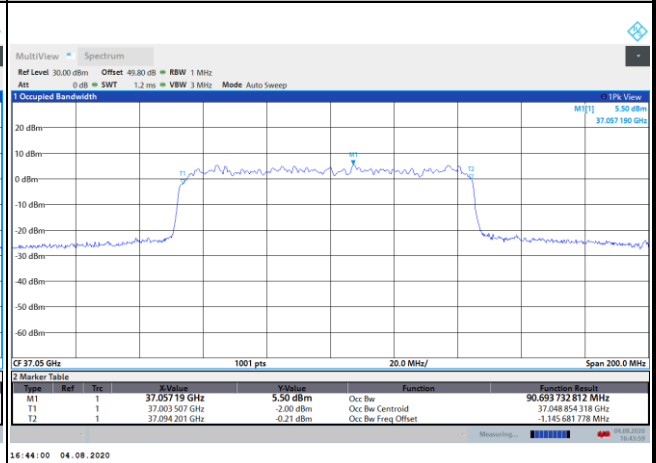
DFT-s-OFDM Module 1

NR Band n260

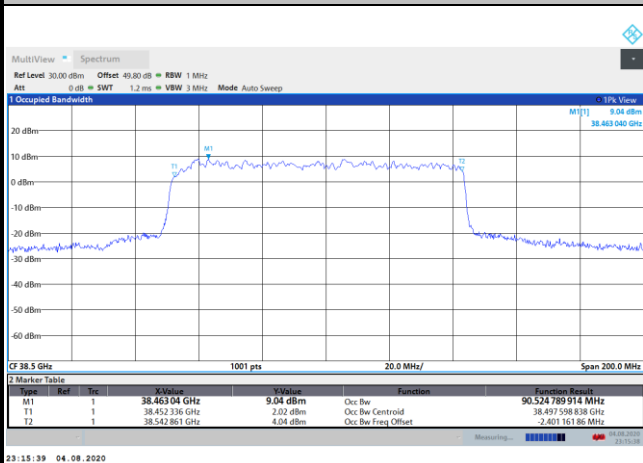
Lowest Channel / 100MHz / 16QAM



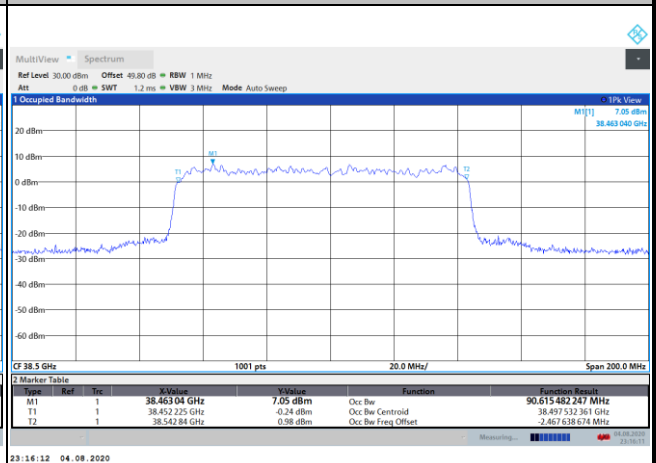
Lowest Channel / 100MHz / 64QAM



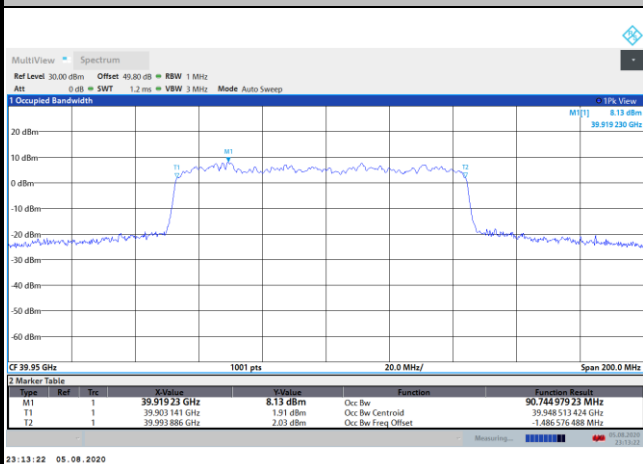
Middle Channel / 100MHz / 16QAM



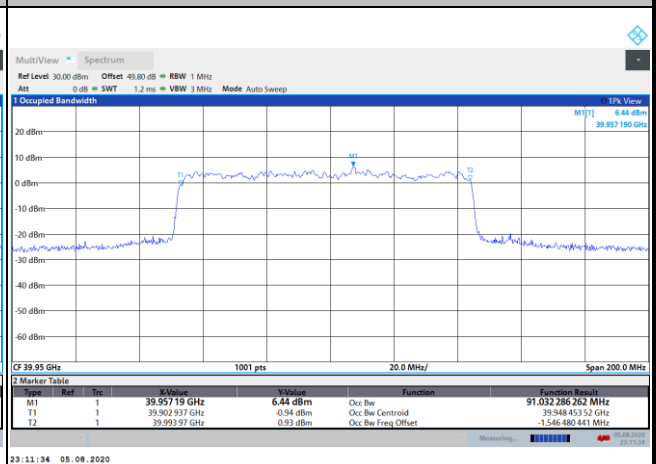
Middle Channel / 100MHz / 64QAM



Highest Channel / 100MHz / 16QAM



Highest Channel / 100MHz / 64QAM

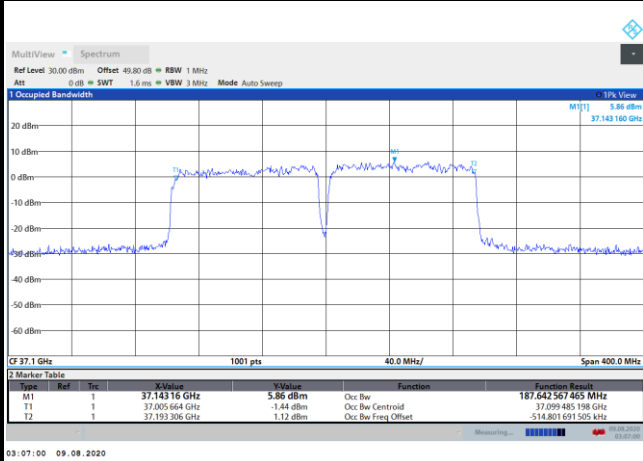




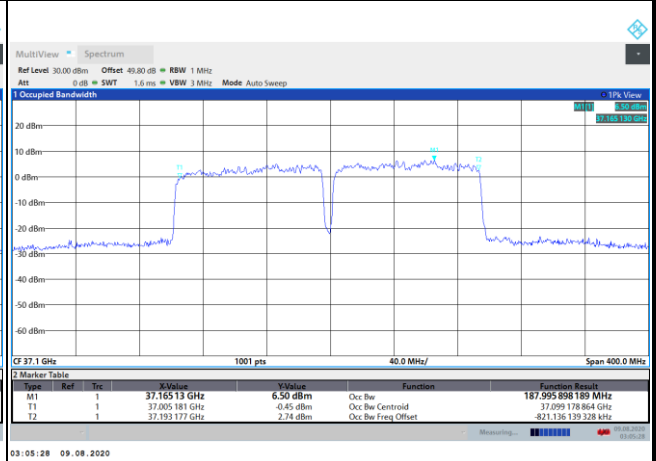
DFT-s-OFDM Module 1

NR Band n260

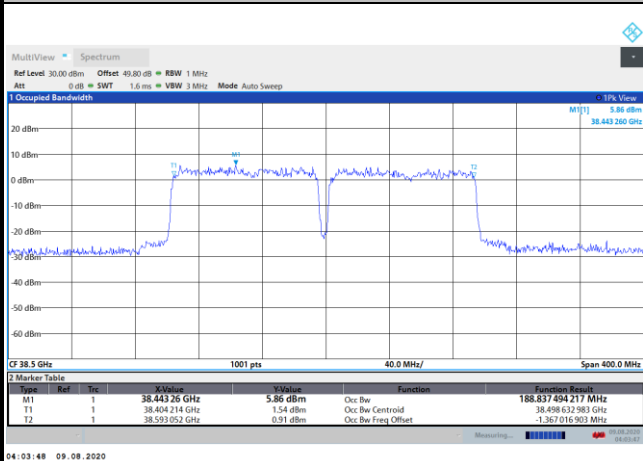
Lowest Channel / 200MHz / BPSK



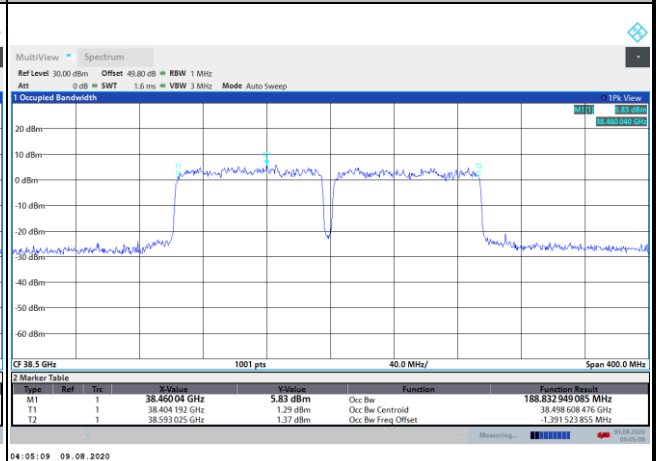
Lowest Channel / 200MHz / QPSK



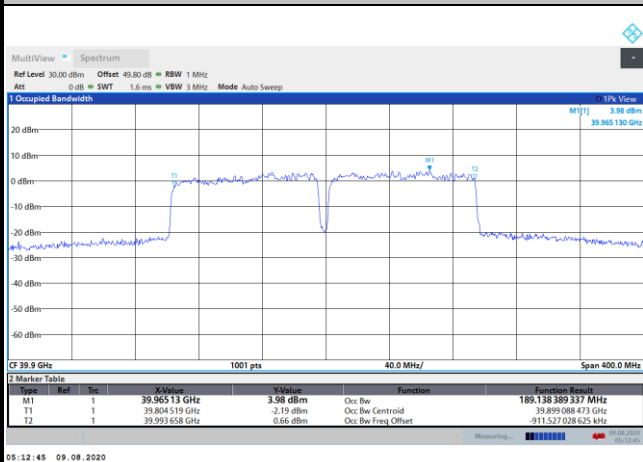
Middle Channel / 200MHz / BPSK



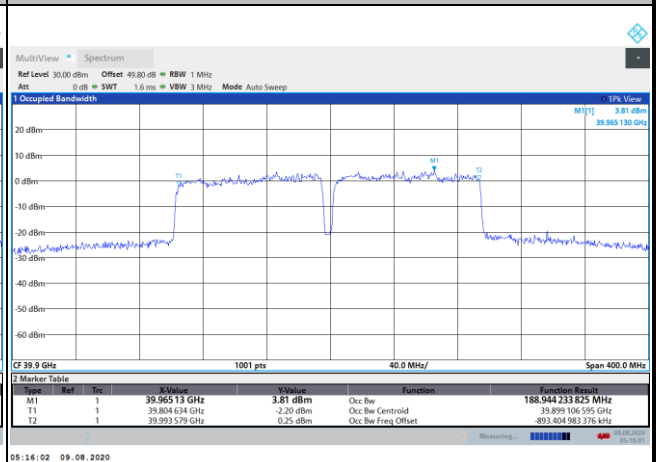
Middle Channel / 200MHz / QPSK



Highest Channel / 200MHz / BPSK



Highest Channel / 200MHz / QPSK

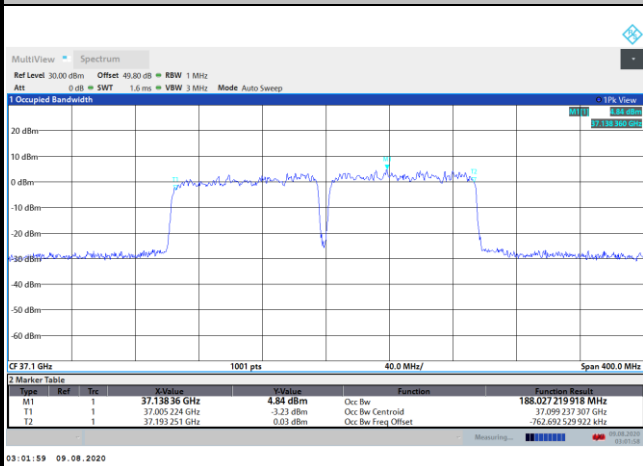




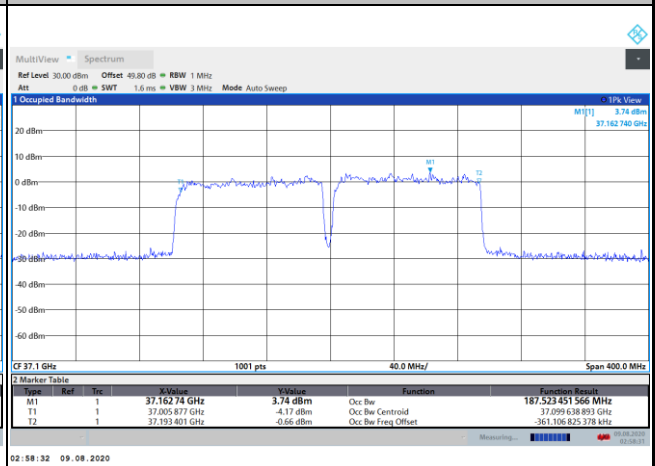
DFT-s-OFDM Module 1

NR Band n260

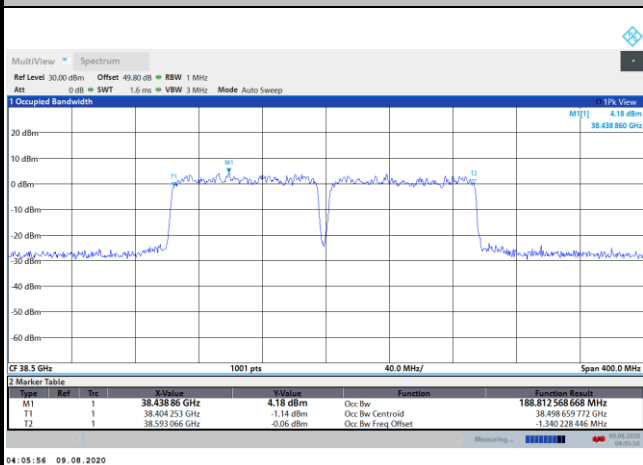
Lowest Channel / 200MHz / 16QAM



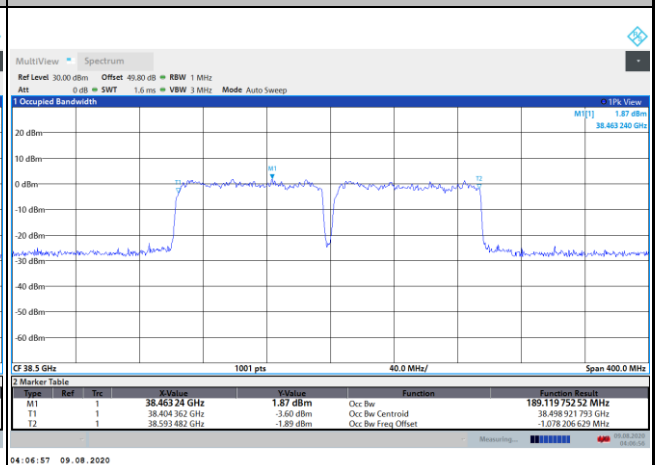
Lowest Channel / 200MHz / 64QAM



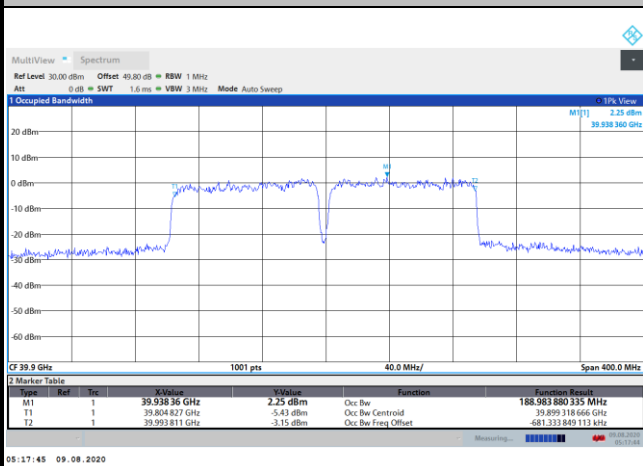
Middle Channel / 200MHz / 16QAM



Middle Channel / 200MHz / 64QAM



Highest Channel / 200MHz / 16QAM



Highest Channel / 200MHz / 64QAM



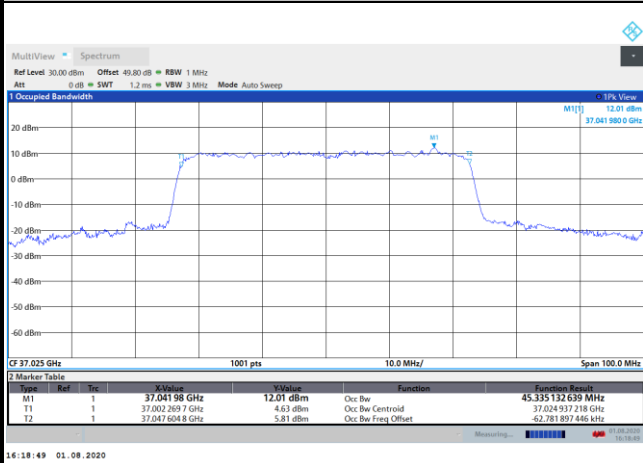




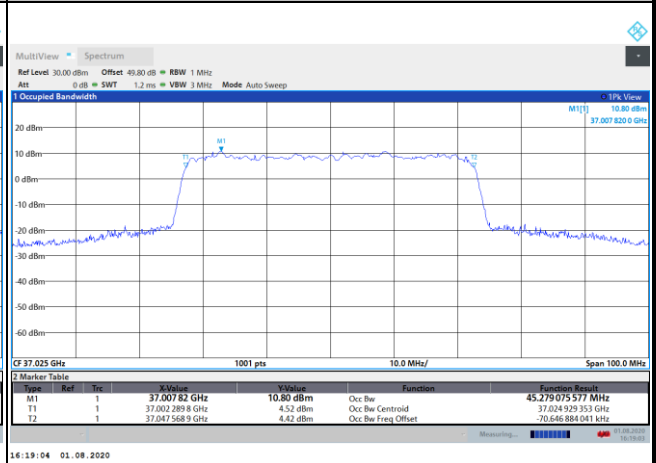
CP-OFDM Module 0

NR Band n260

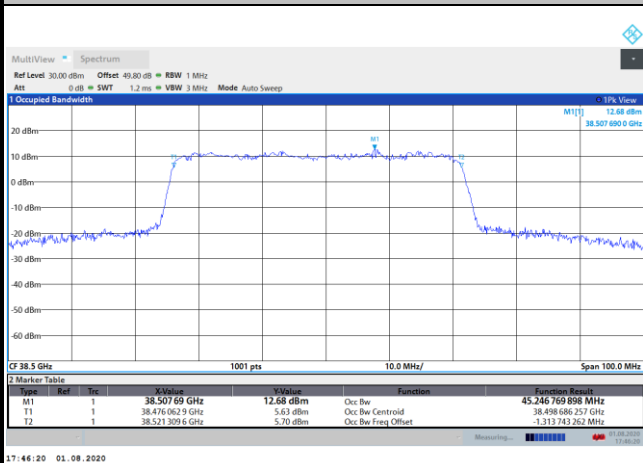
Lowest Channel / 50MHz / QPSK



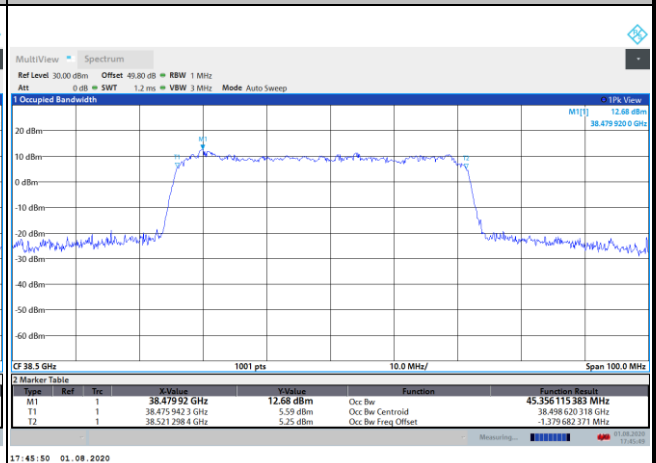
Lowest Channel / 50MHz / 16QAM



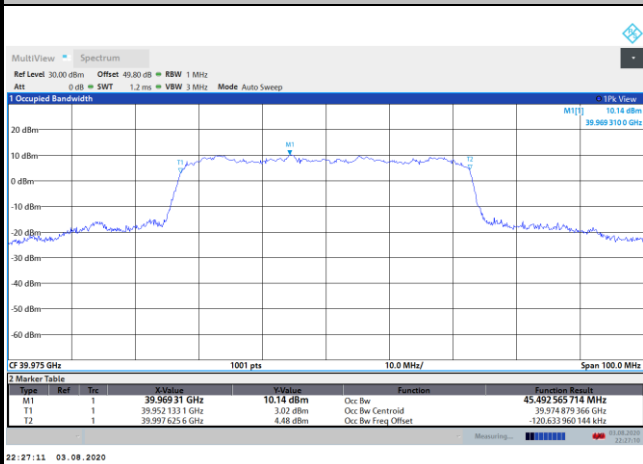
Middle Channel / 50MHz / QPSK



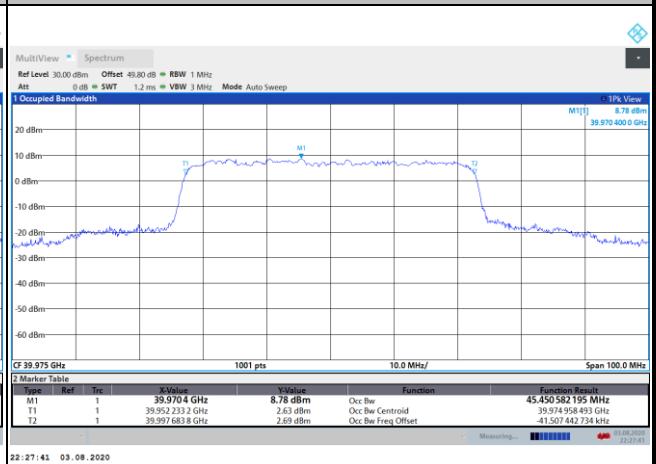
Middle Channel / 50MHz / 16QAM



Highest Channel / 50MHz / QPSK



Highest Channel / 50MHz / 16QAM

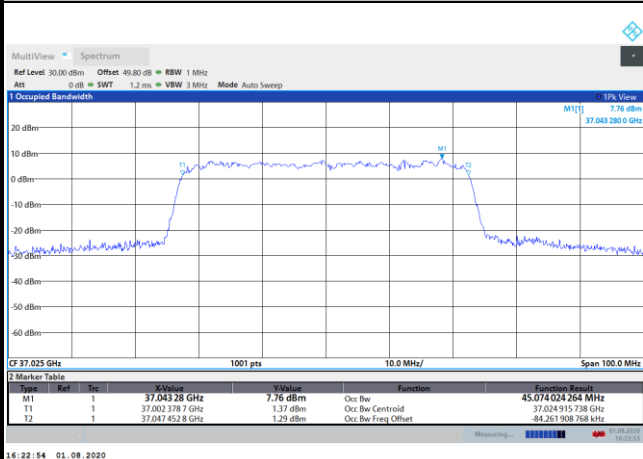




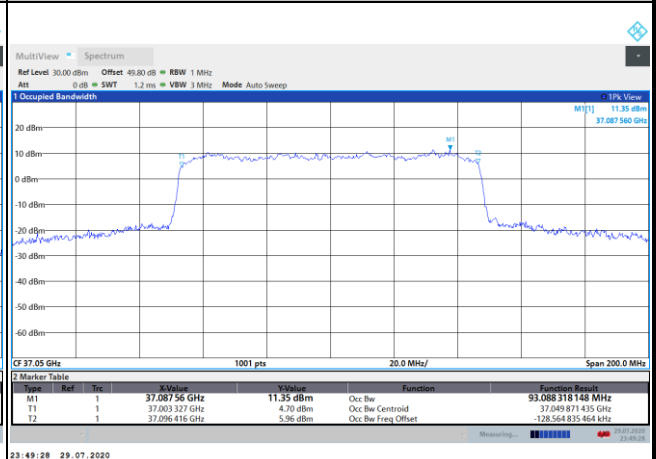
CP-OFDM Module 0

NR Band n260

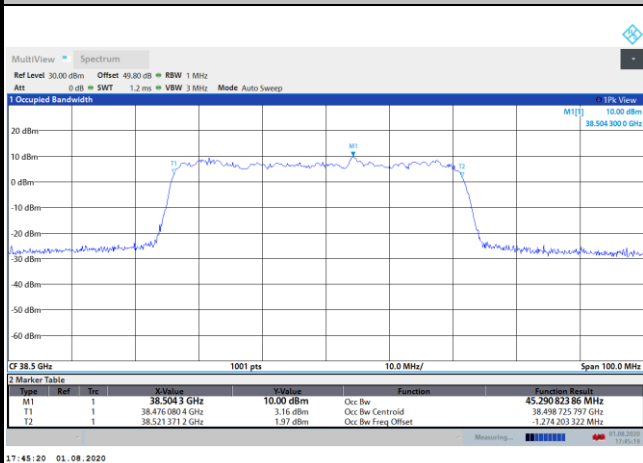
Lowest Channel / 50MHz / 64QAM



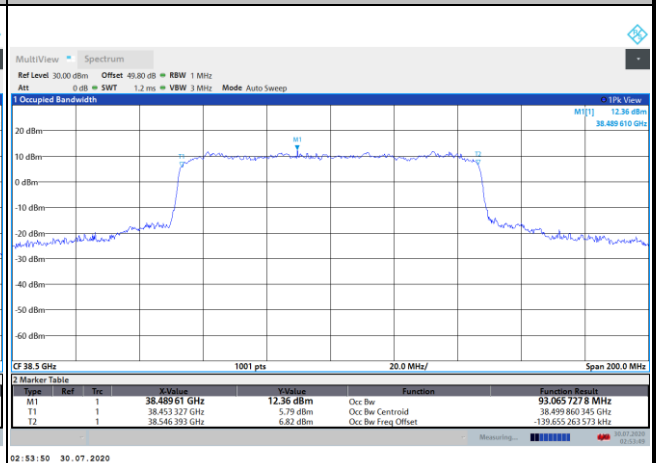
Lowest Channel / 100MHz / QPSK



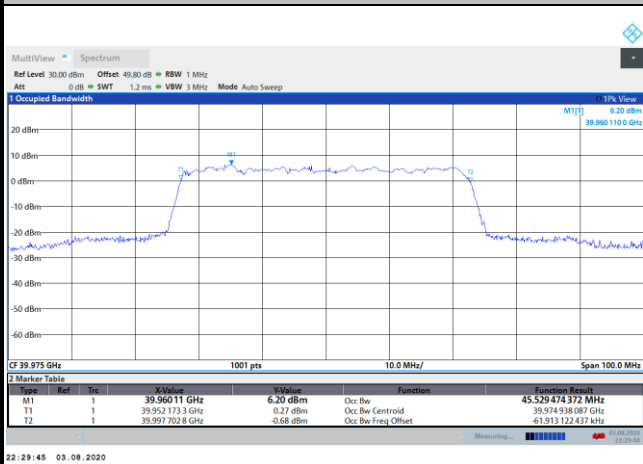
Middle Channel / 50MHz / 64QAM



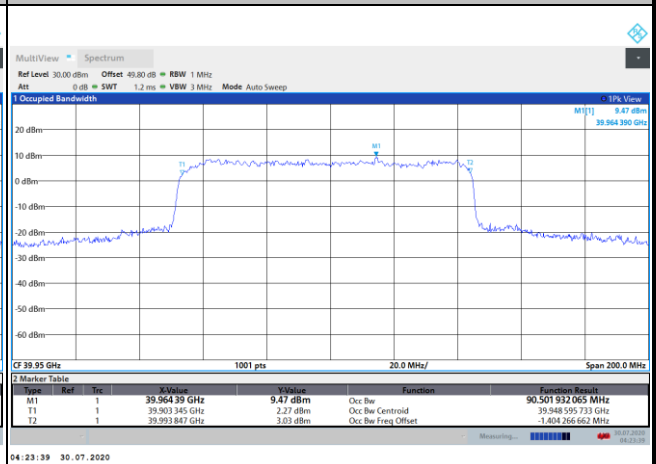
Middle Channel / 100MHz / QPSK



Highest Channel / 50MHz / 64QAM



Highest Channel / 100MHz / QPSK

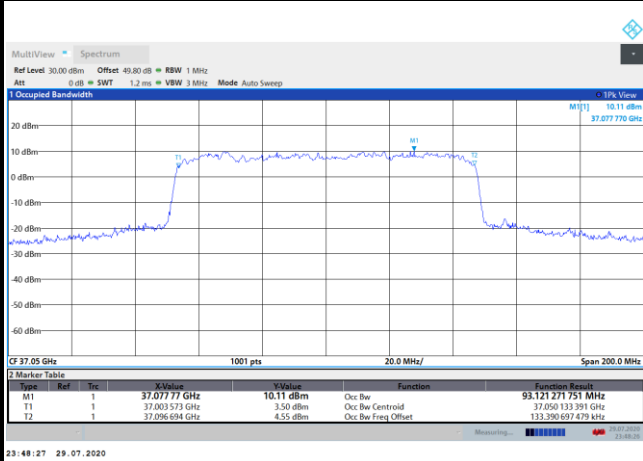




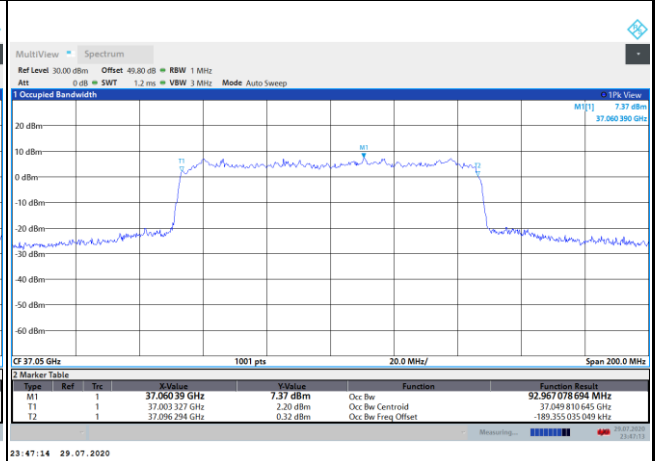
CP-OFDM Module 0

NR Band n260

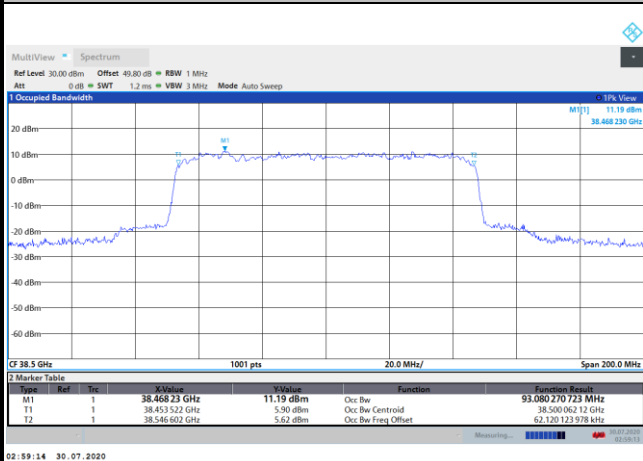
Lowest Channel / 100MHz / 16QAM



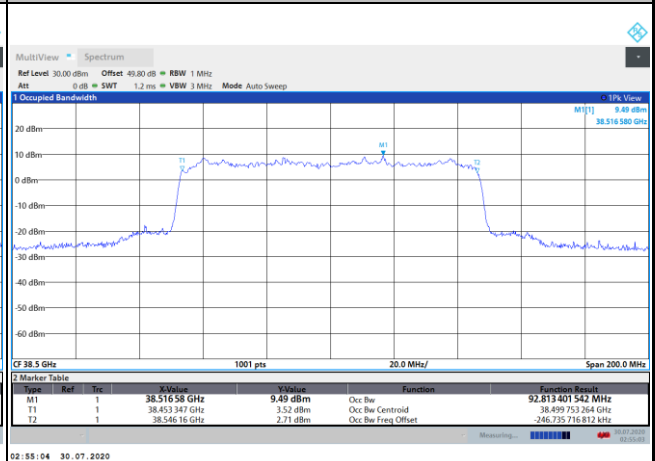
Lowest Channel / 100MHz / 64QAM



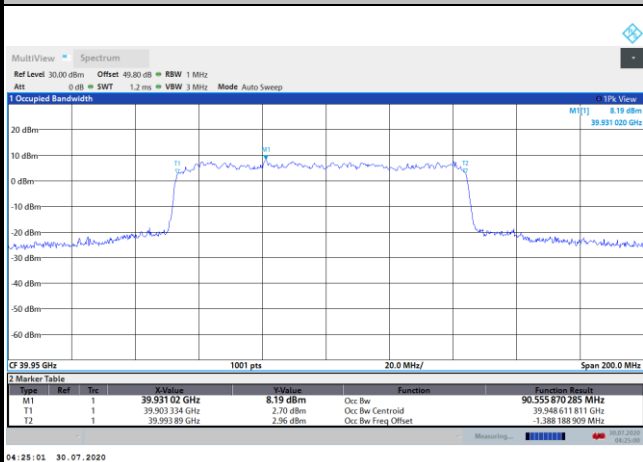
Middle Channel / 100MHz / 16QAM



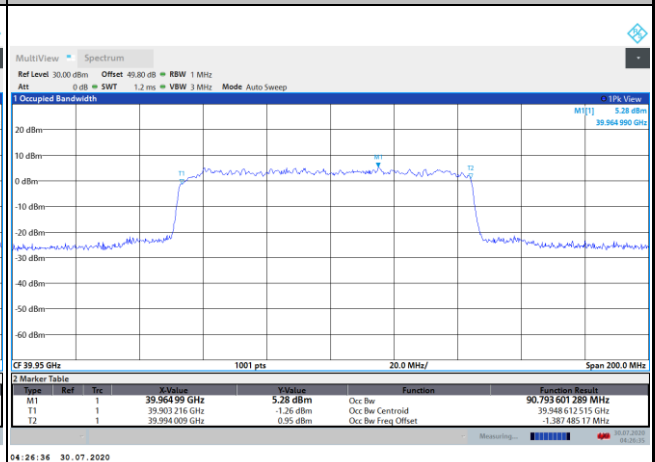
Middle Channel / 100MHz / 64QAM



Highest Channel / 100MHz / 16QAM



Highest Channel / 100MHz / 64QAM





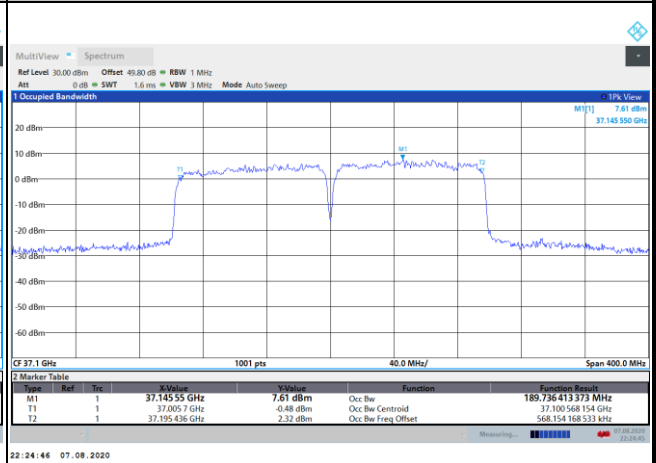
CP-OFDM Module 0

NR Band n260

Lowest Channel / 200MHz / QPSK



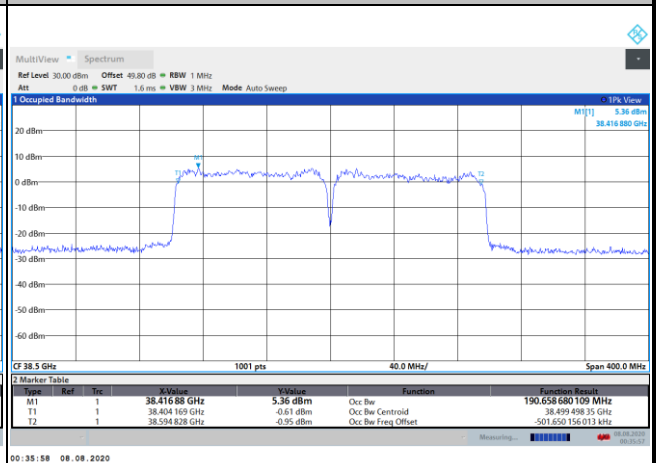
Lowest Channel / 200MHz / 16QAM



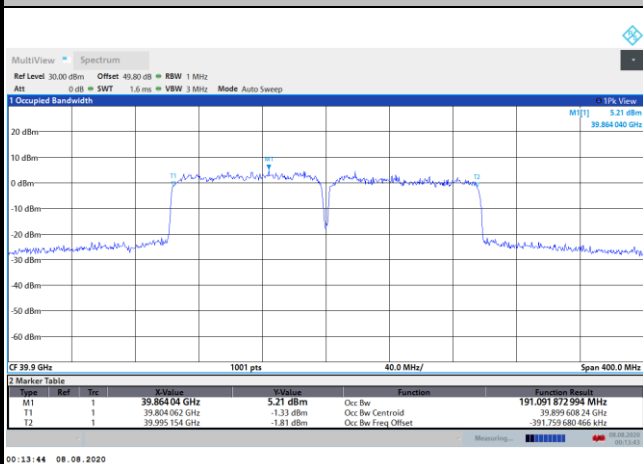
Middle Channel / 200MHz / QPSK



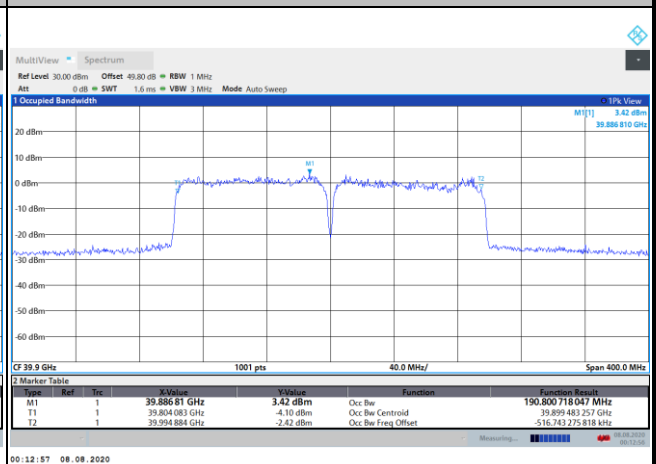
Middle Channel / 200MHz / 16QAM



Highest Channel / 200MHz / QPSK



Highest Channel / 200MHz / 16QAM

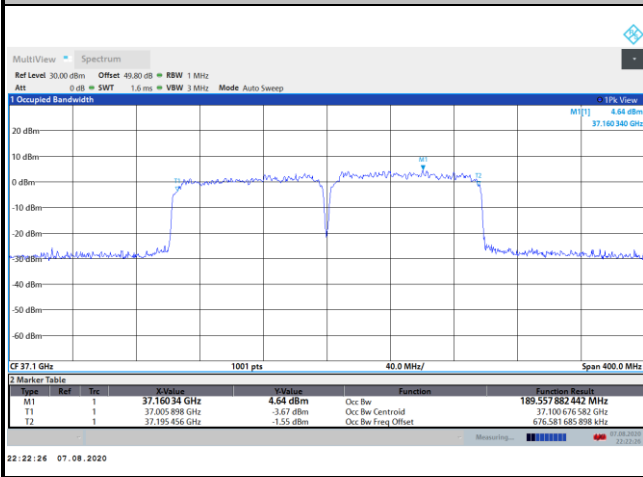




CP-OFDM Module 0

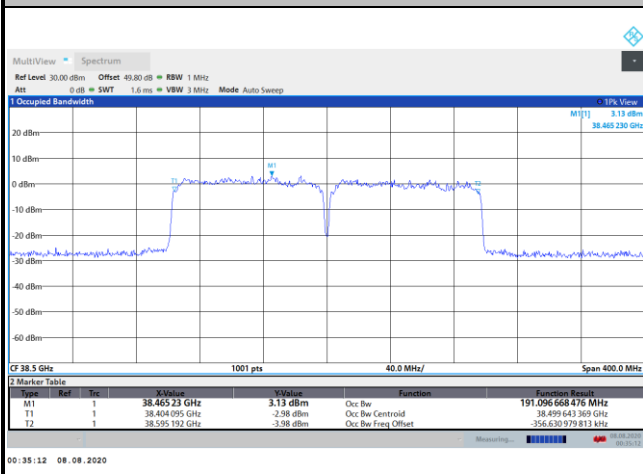
NR Band n260

Lowest Channel / 200MHz / 64QAM



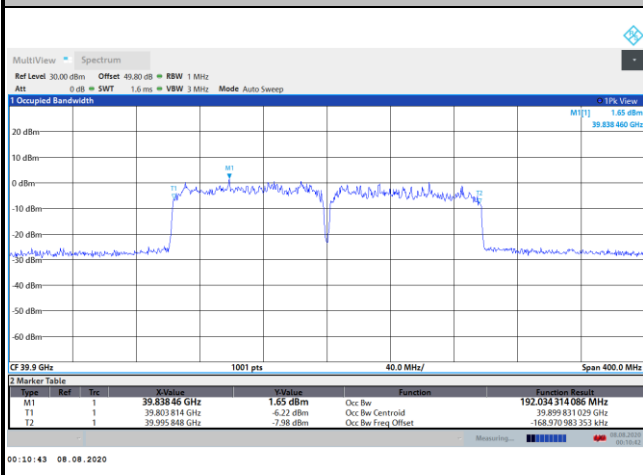
intentionally blank

Middle Channel / 200MHz / 64QAM



intentionally blank

Highest Channel / 200MHz / 64QAM



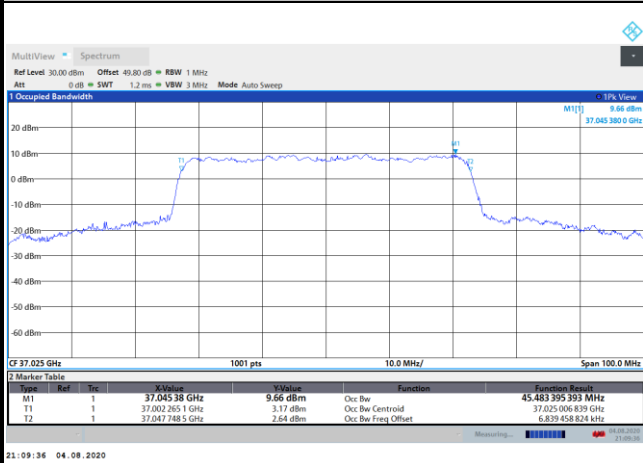
intentionally blank



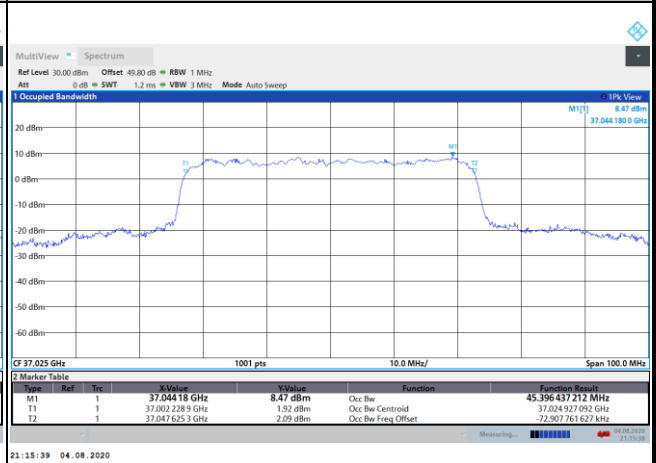
CP-OFDM Module 1

NR Band n260

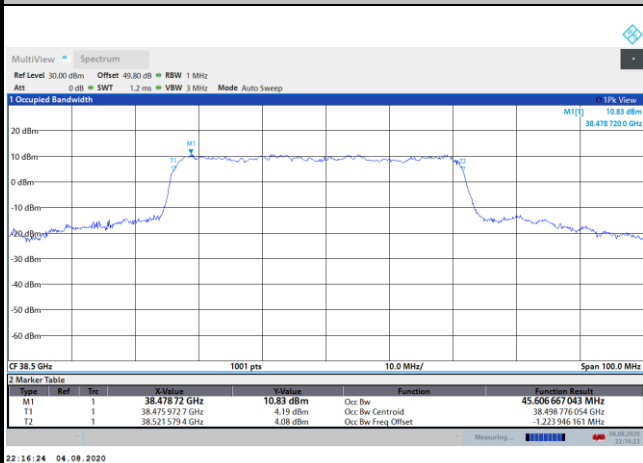
Lowest Channel / 50MHz / QPSK



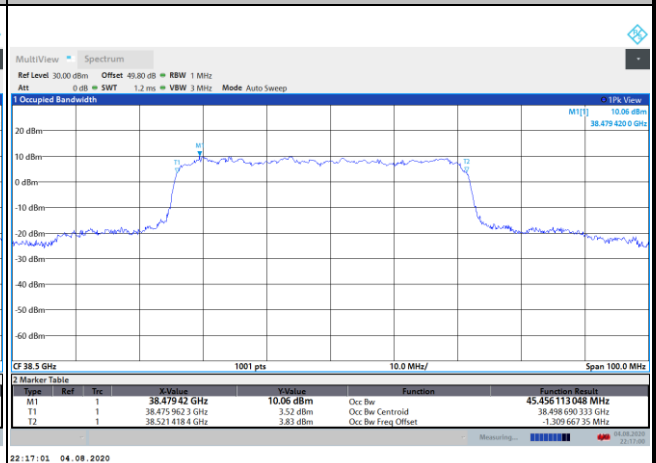
Lowest Channel / 50MHz / 16QAM



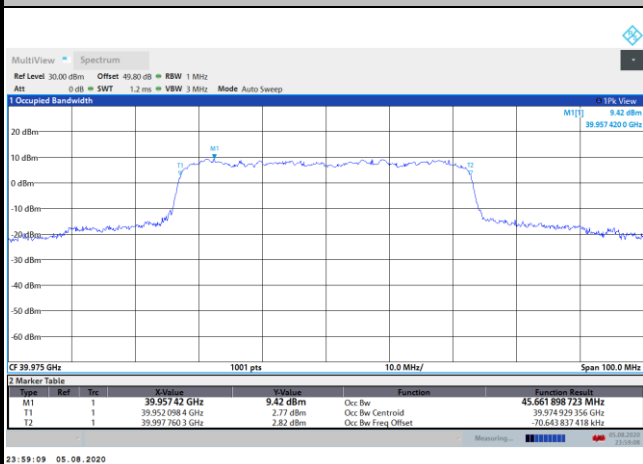
Middle Channel / 50MHz / QPSK



Middle Channel / 50MHz / 16QAM



Highest Channel / 50MHz / QPSK



Highest Channel / 50MHz / 16QAM

