



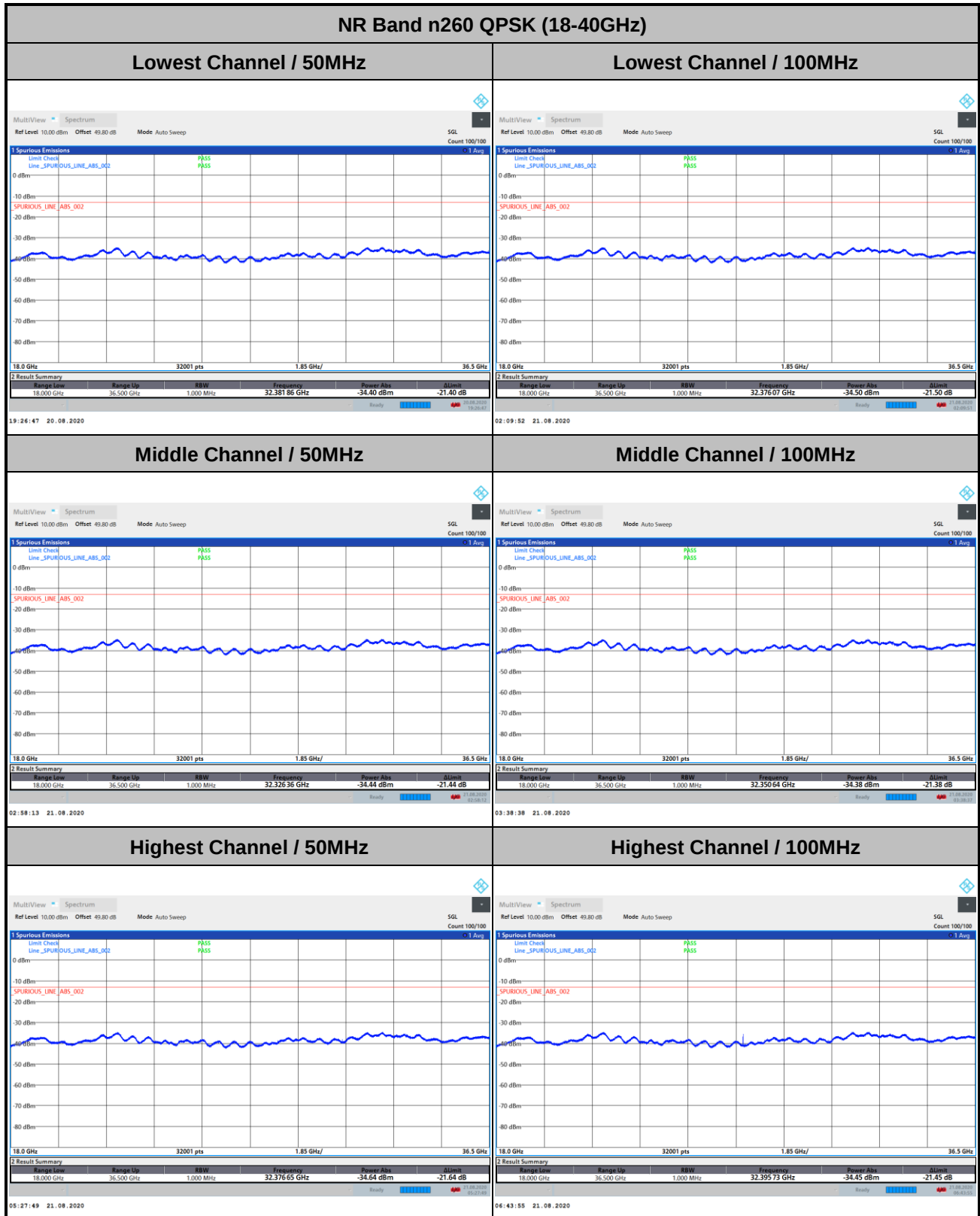
Spurious emission between 18GHz to 40GHz worst case plot is reported as following.

DFT-s-OFDM Module 1



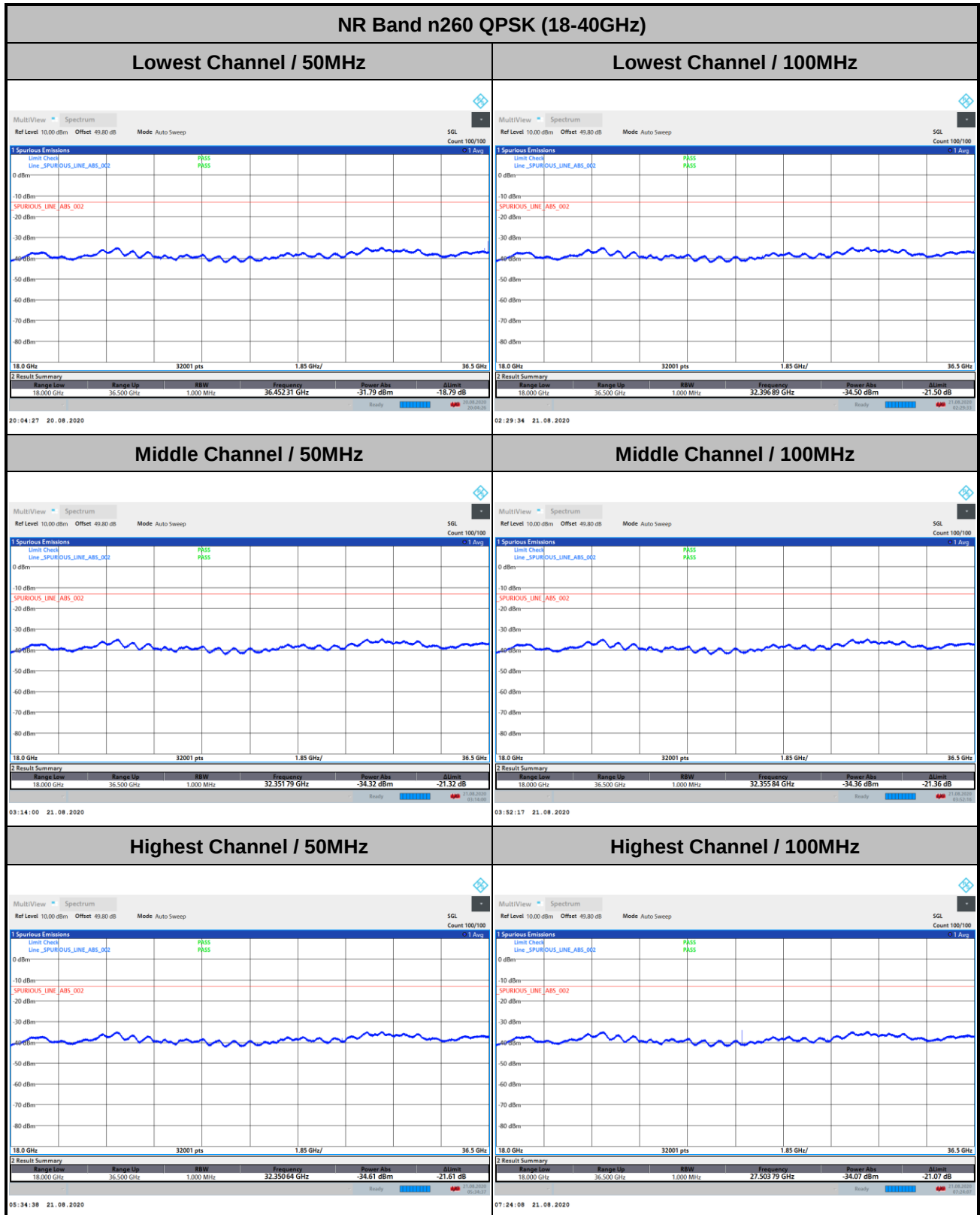


DFT-s-OFDM Module 1

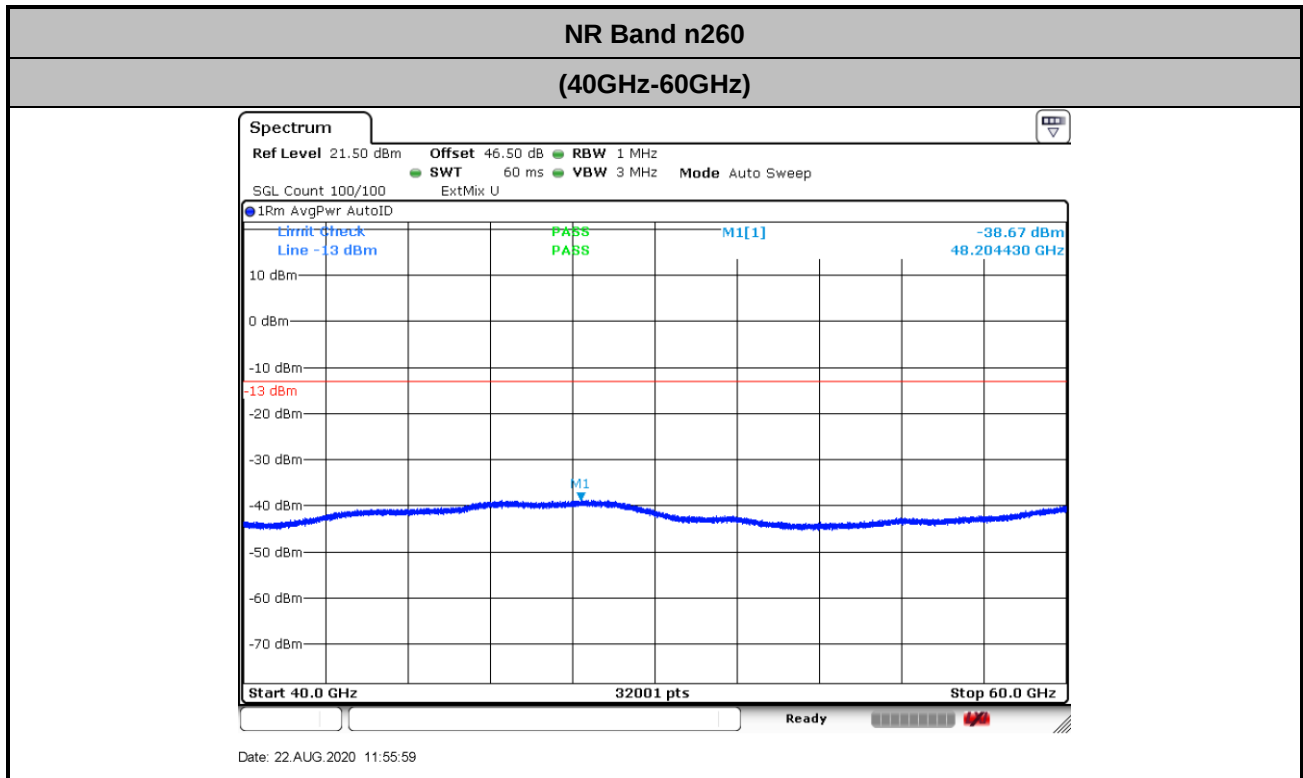




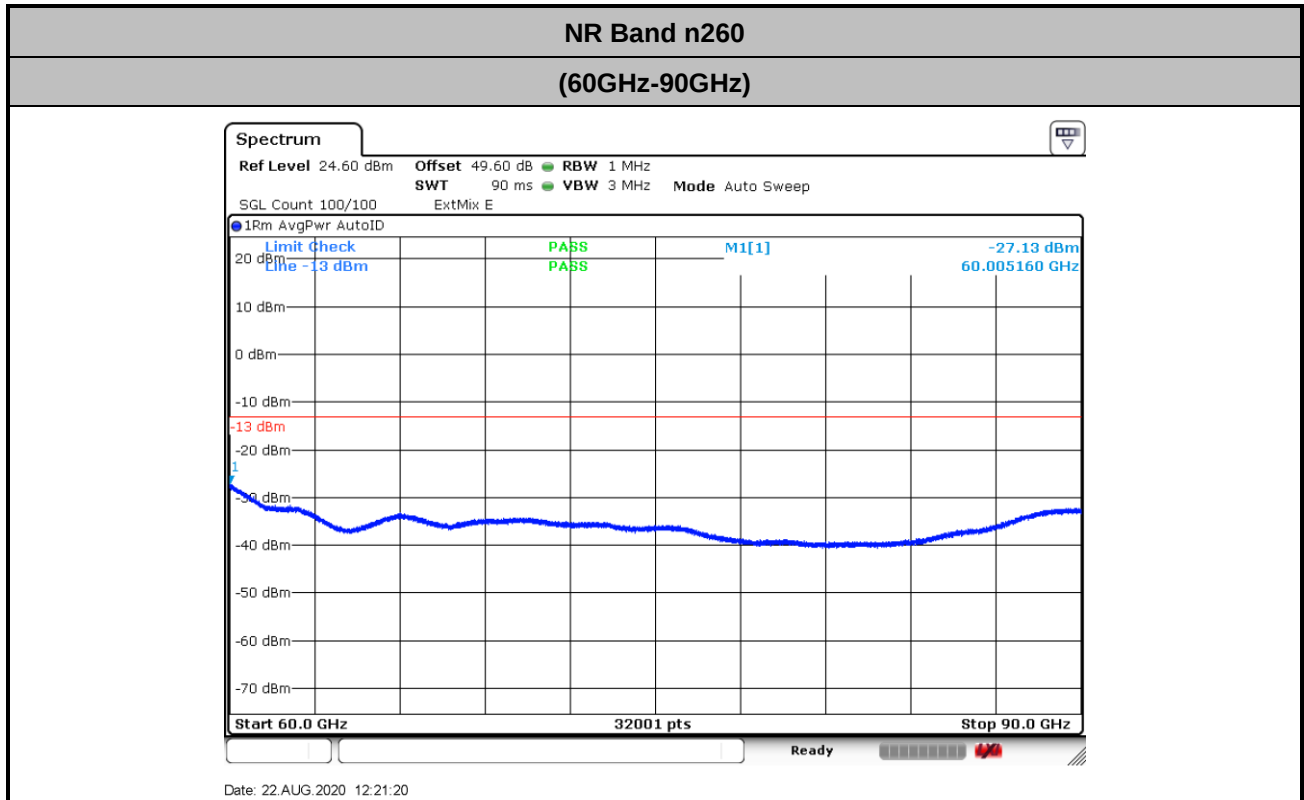
CP-OFDM Module 1



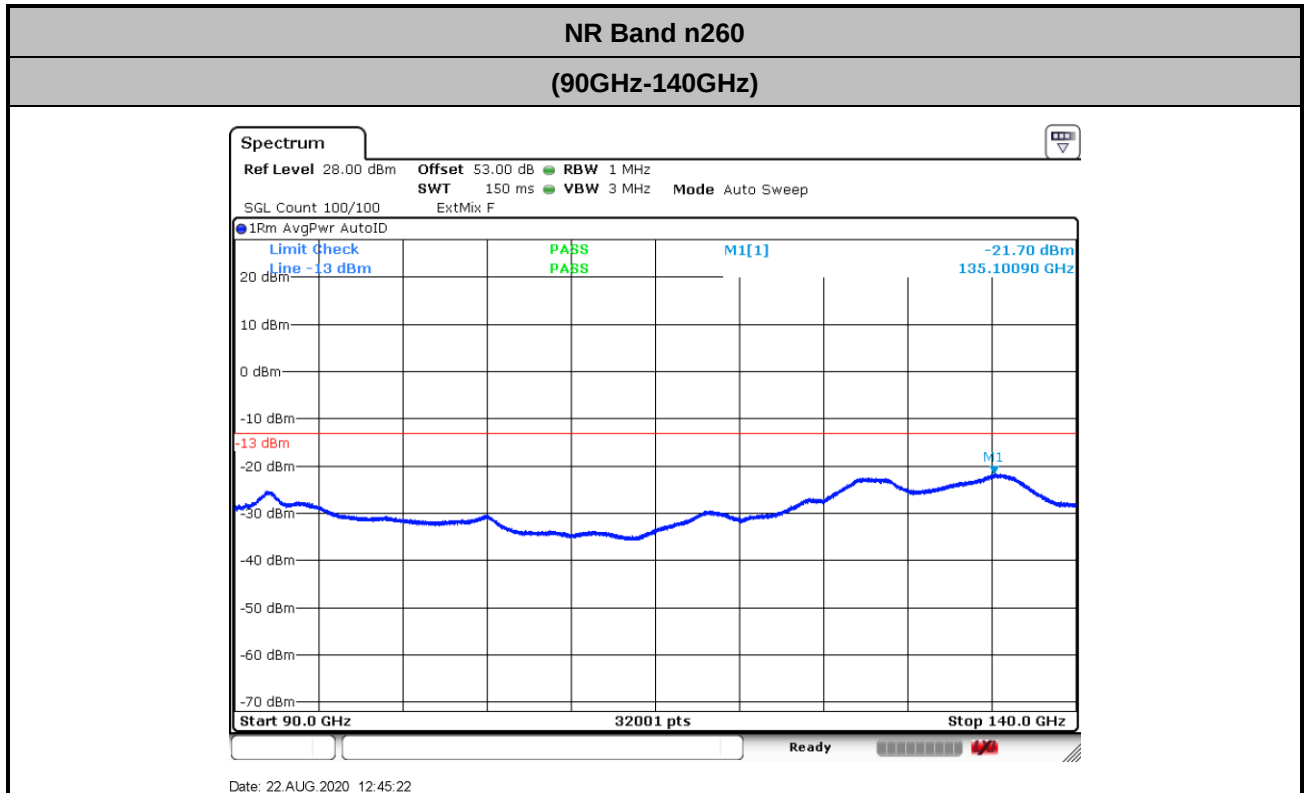
There is no significant spurious emission signal found for frequency started from 40GHz up to 200GHz. Only the noise floor is reported.



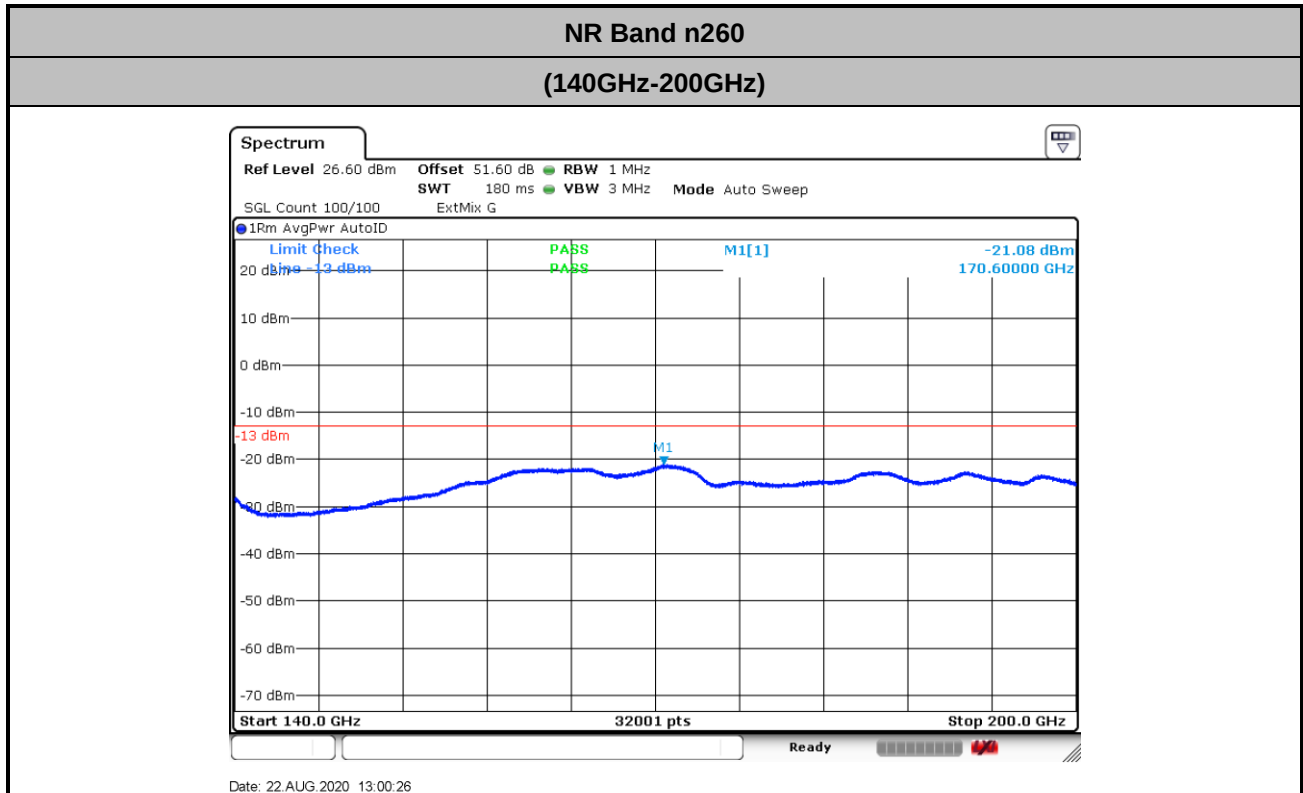
$$\begin{aligned} \text{Offset} &= \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 \\ &= 42.3 + 2 + 107 + 20\log(1) - 104.8 = 46.5 \text{ (dB)} \end{aligned}$$



$$\begin{aligned} \text{Offset} &= \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 \\ &= 45.4 + 2 + 107 + 20\log(1) - 104.8 = 49.6 \text{ (dB)} \end{aligned}$$



$$\begin{aligned}\text{Offset} &= \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 \\ &= 48.8 + 2 + 107 + 20\log(1) - 104.8 = 53 \text{ (dB)}\end{aligned}$$



$$\begin{aligned} \text{Offset} &= \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 \\ &= 53.4 + 2 + 107 + 20\log(0.5) - 104.8 = 51.6 \text{ (dB)} \end{aligned}$$

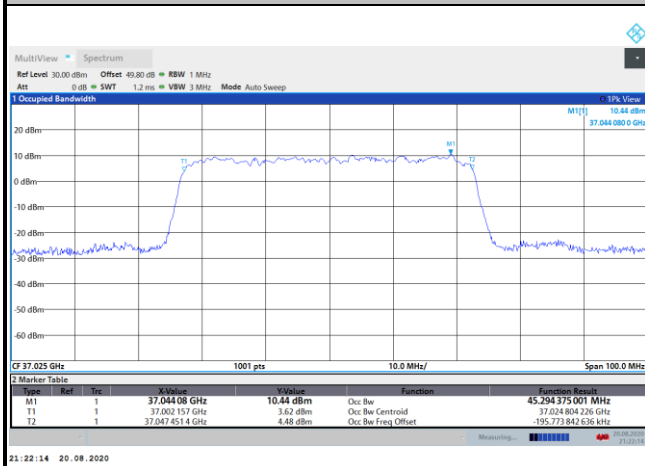
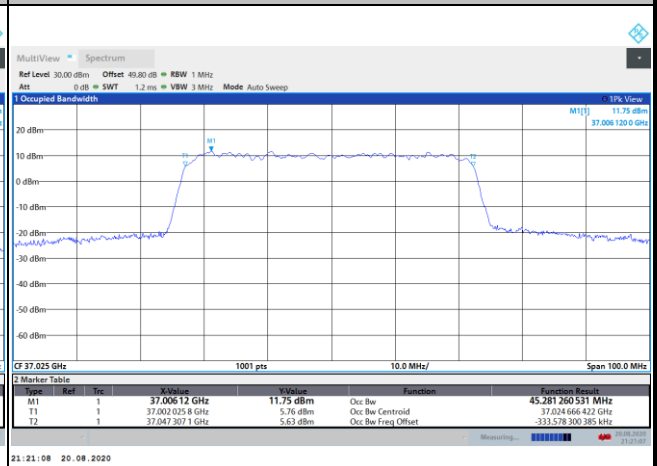
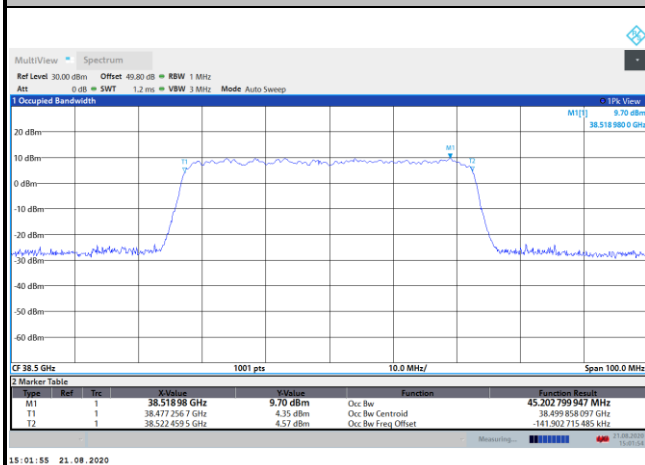
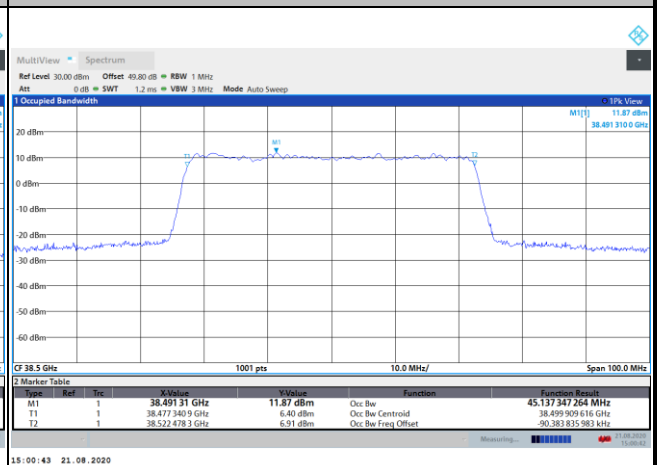
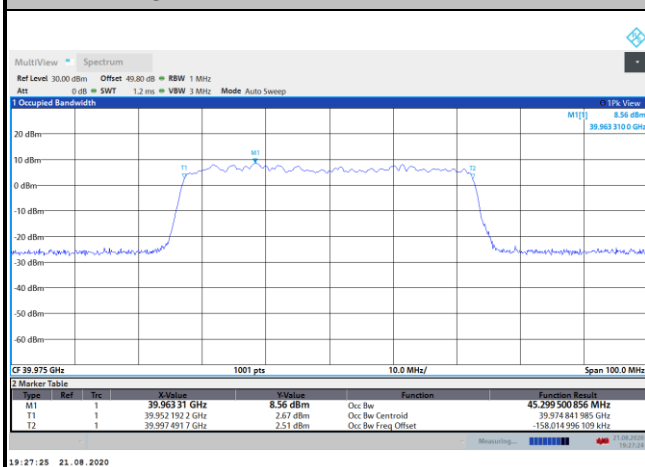
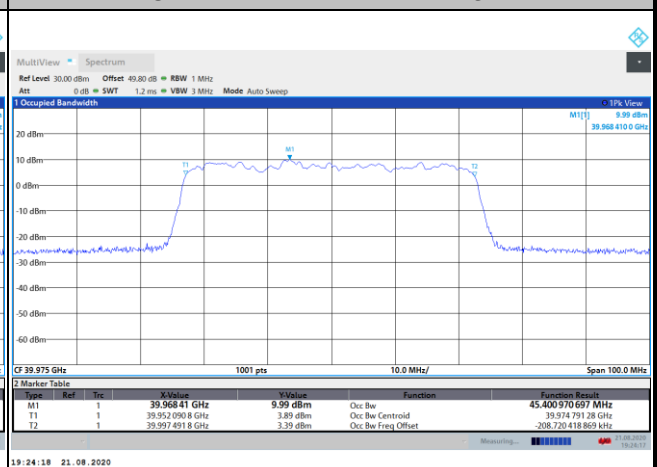


NR Band n260 Module 1 AG1

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	45.29	45.28	45.32	45.33	90.35	90.47	90.13	90.42
Middle CH	45.20	45.13	45.05	44.98	90.13	90.12	90.77	90.44
Highest CH	45.29	45.40	45.29	45.42	90.59	90.60	90.72	90.55

Mode	CP-OFDM Module 1 NR Band n260 : 99%OBW(MHz)					
BW	50MHz			100MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	45.27	45.27	45.22	93.06	92.90	92.87
Middle CH	45.22	45.18	45.24	92.81	92.72	92.88
Highest CH	45.30	45.36	45.49	92.95	93.25	93.49

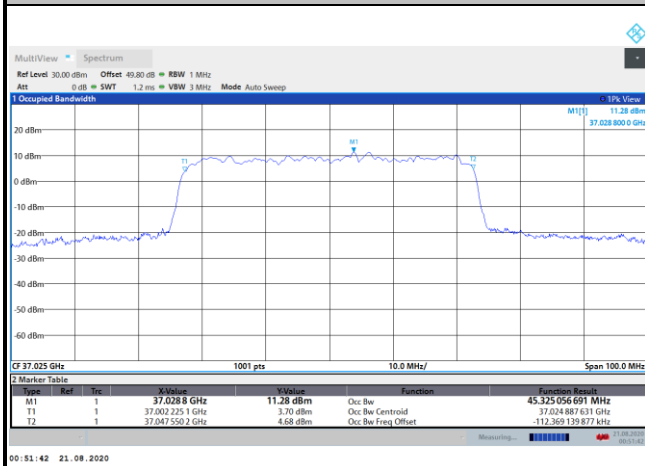
DFT-s-OFDM Module 1
NR Band n260
Lowest Channel / 50MHz / BPSK

Lowest Channel / 50MHz / QPSK

Middle Channel / 50MHz / BPSK

Middle Channel / 50MHz / QPSK

Highest Channel / 50MHz / BPSK

Highest Channel / 50MHz / QPSK




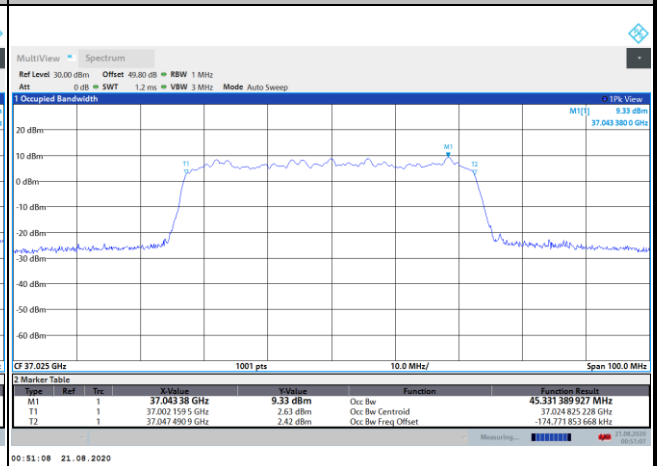
DFT-s-OFDM Module 1

NR Band n260

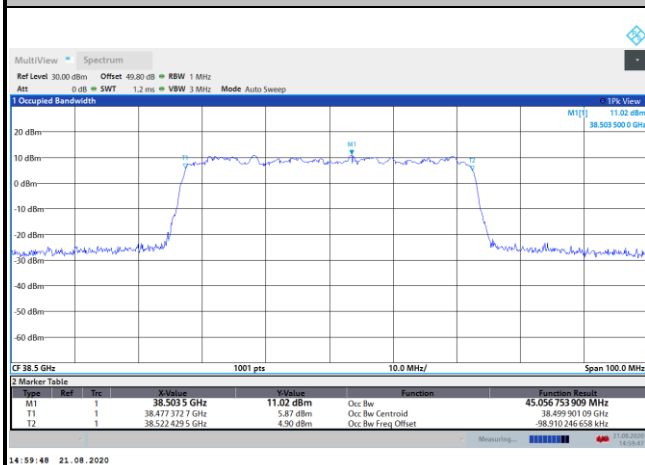
Lowest Channel / 50MHz / 16QAM



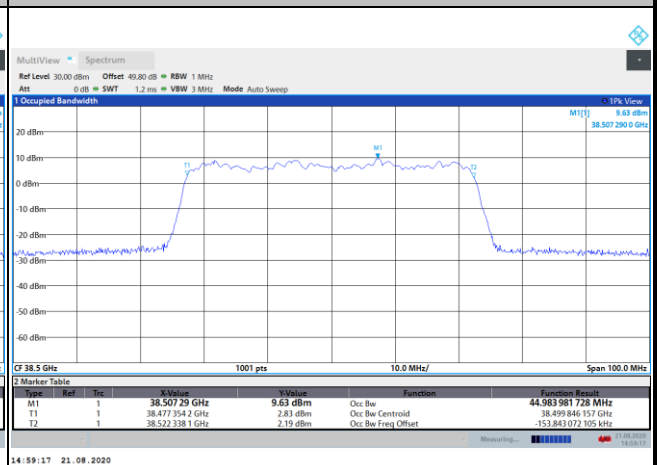
Lowest Channel / 50MHz / 64QAM



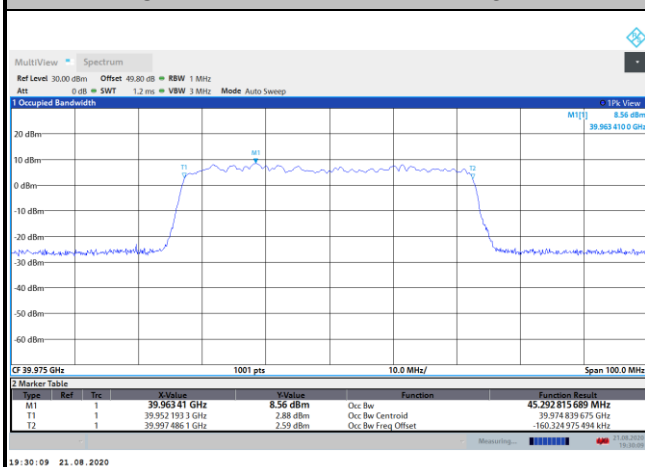
Middle Channel / 50MHz / 16QAM



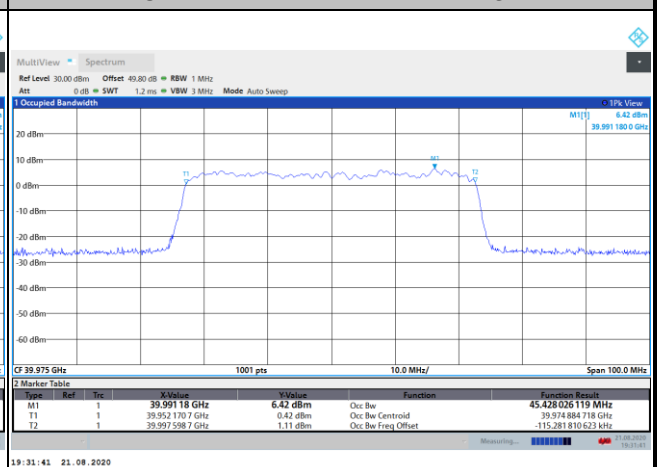
Middle Channel / 50MHz / 64QAM

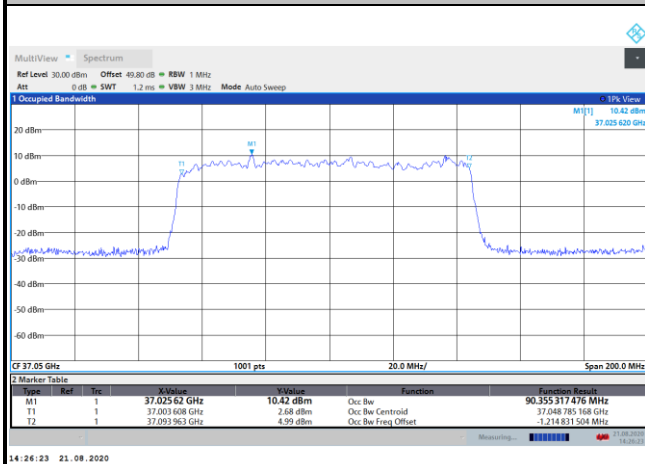
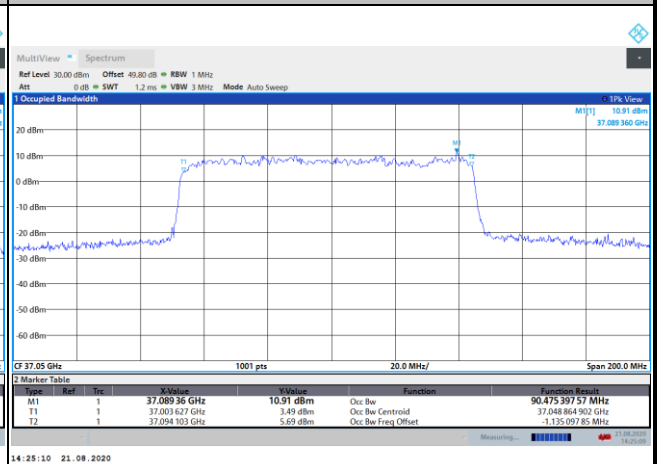
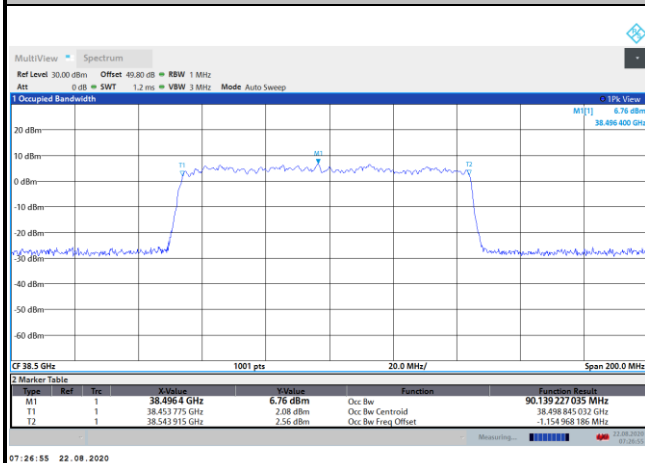
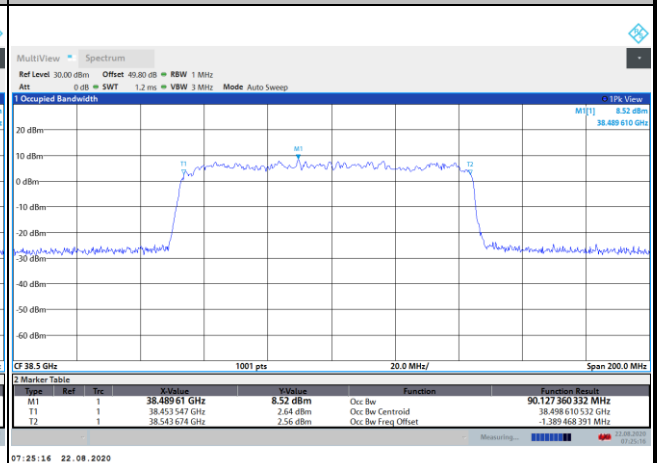
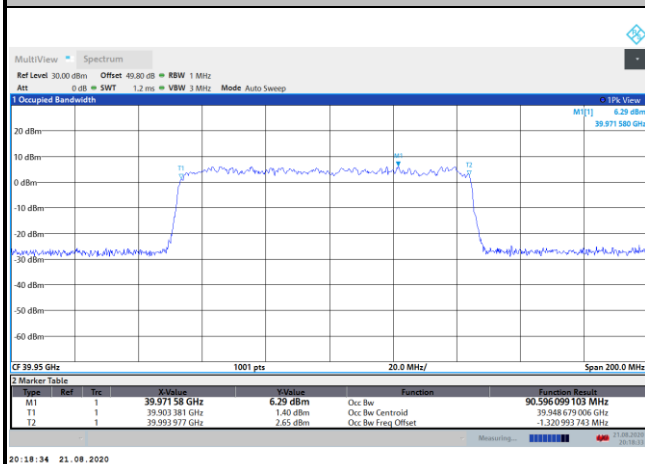
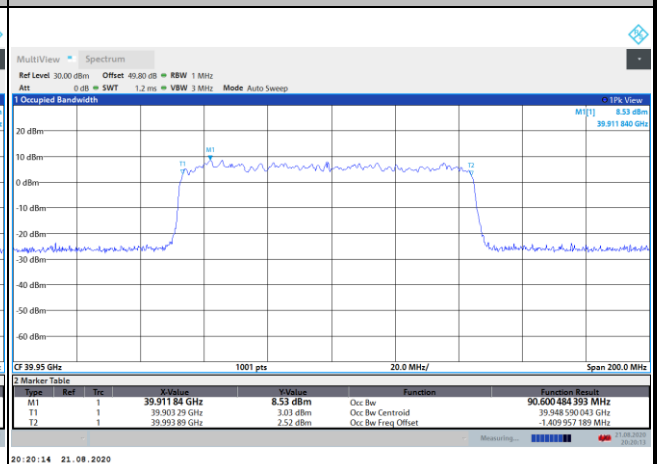


Highest Channel / 50MHz / 16QAM



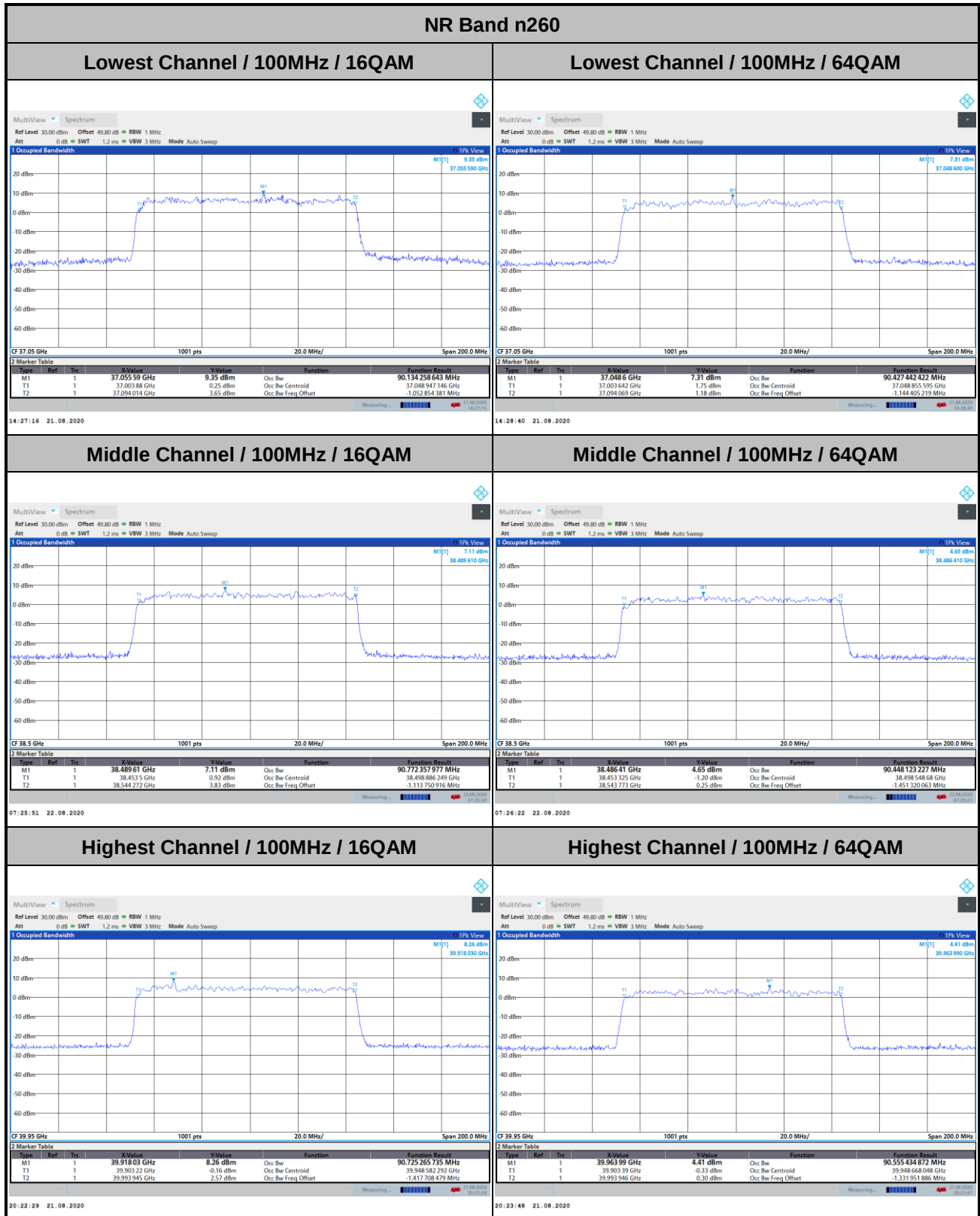
Highest Channel / 50MHz / 64QAM



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


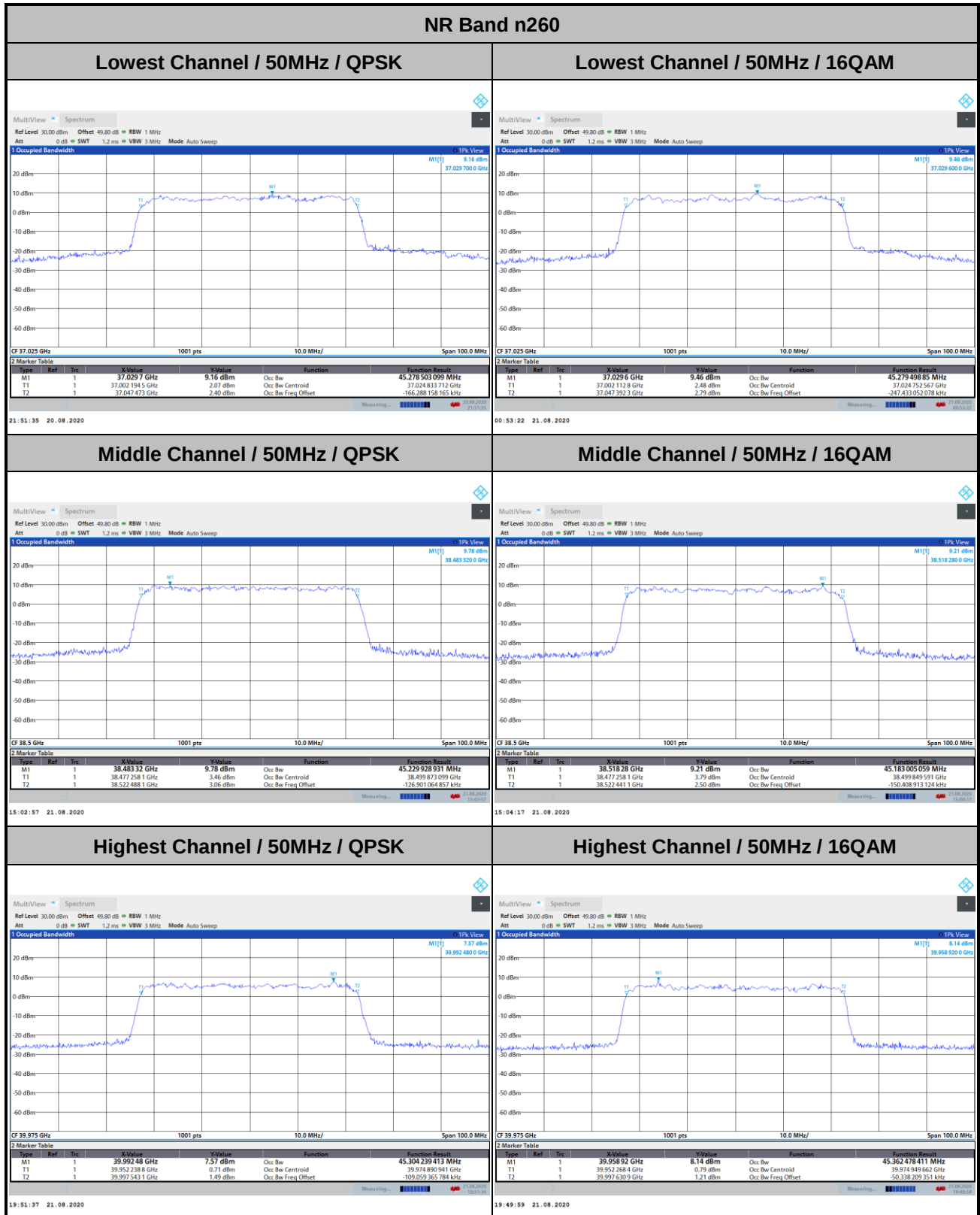


DFT-s-OFDM Module 1





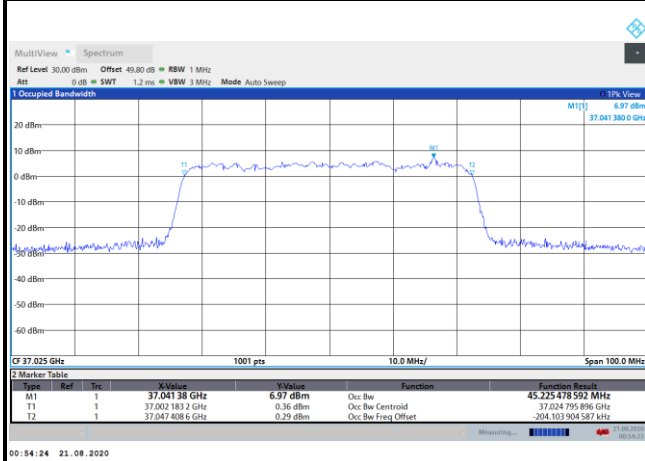
CP-OFDM Module 1



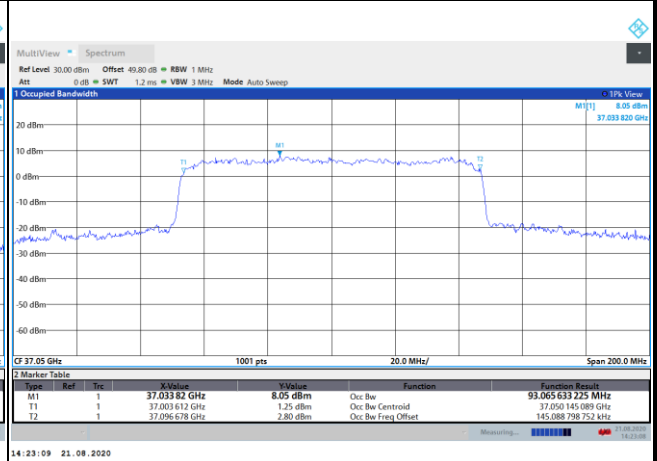
CP-OFDM Module 1

NR Band n260

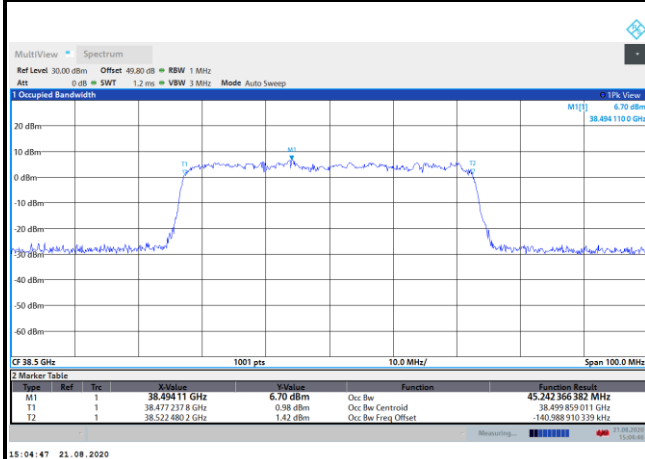
Lowest Channel / 50MHz / 64QAM



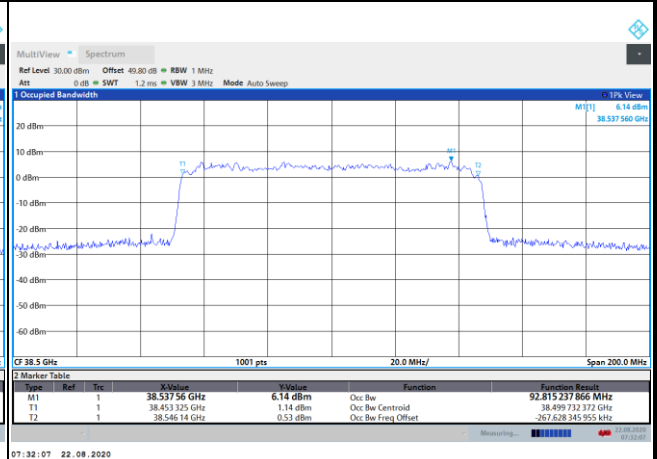
Lowest Channel / 100MHz / QPSK



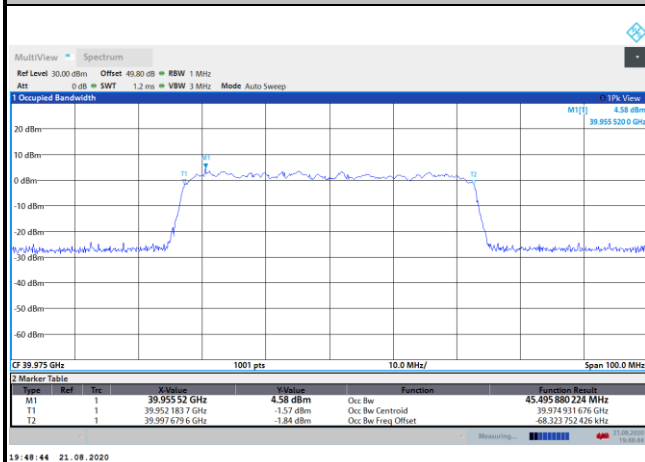
Middle Channel / 50MHz / 64QAM



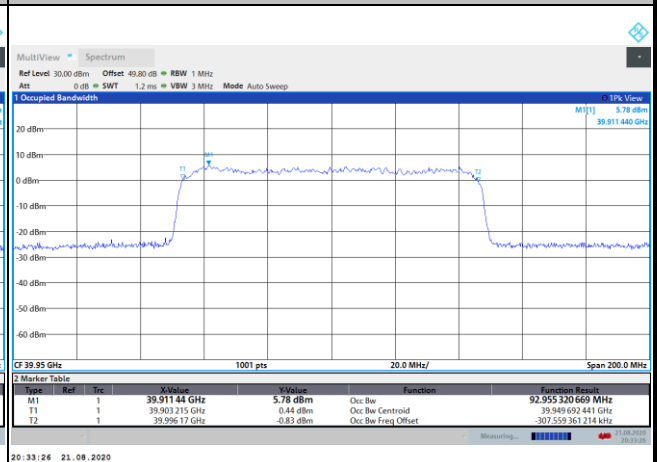
Middle Channel / 100MHz / QPSK



Highest Channel / 50MHz / 64QAM

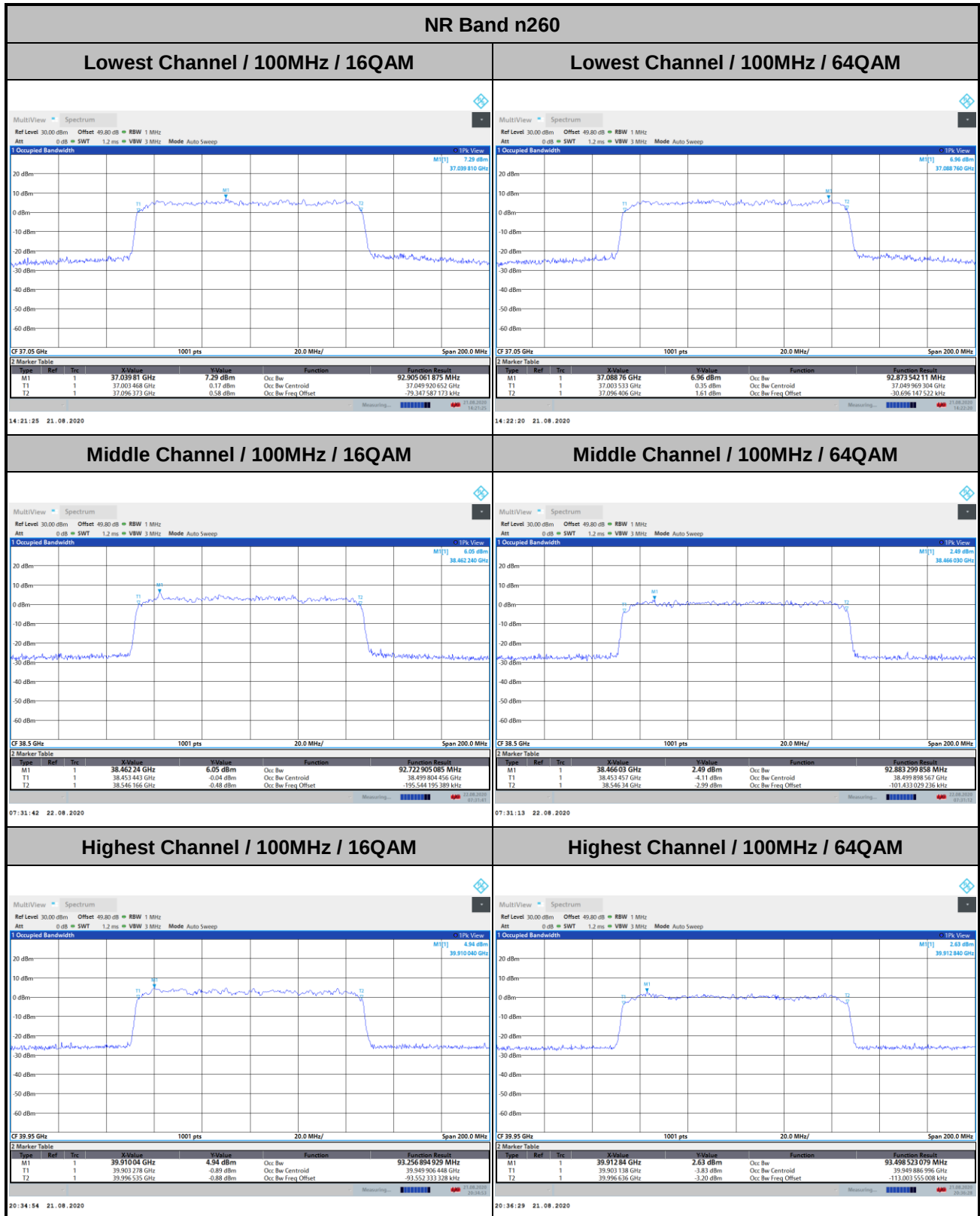


Highest Channel / 100MHz / QPSK





CP-OFDM Module 1



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	-16.72	-17.38	-17.87	-21.46	-21.53	-20.37	-20.53	-24.95
	>10%OB	≤ -13	-34.96	-34.37	-35.30	-35.87	-35.03	-34.06	-34.34	-35.62
High CH	0~10%OB	≤ -5	-23.79	-22.67	-22.86	-25.70	-24.87	-22.97	-22.98	-26.05
	>10%OB	≤ -13	-32.86	-32.56	-33.04	-34.04	-33.33	-32.93	-33.35	-33.73
Result			Compliance							

Mode			CP-OFDM Module 1 NR Band n260 : BE (dBm) 1 RB					
BW			50MHz			100MHz		
Limit (dBm)			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Low CH	0~10%OB	≤ -5	-20.72	-19.67	-24.70	-21.01	-21.72	-24.92
	>10%OB	≤ -13	-35.86	-35.96	-36.17	-35.16	-35.45	-36.29
High CH	0~10%OB	≤ -5	-23.77	-25.31	-27.66	-26.27	-24.98	-27.49
	>10%OB	≤ -13	-33.51	-33.61	-33.97	-33.86	-33.34	-33.95
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	-30.07	-25.85	-29.03	-31.01	-32.83	-29.59	-31.62	-33.81
	>10%OB	≤ -13	-35.32	-30.42	-31.51	-35.22	-35.57	-32.01	-32.98	-35.32
High CH	0~10%OB	≤ -5	-32.98	-31.89	-32.81	-33.70	-34.90	-33.93	-34.53	-34.77
	>10%OB	≤ -13	-34.06	-33.98	-34.02	-34.16	-33.92	-34.07	-33.92	-34.05
Result			Compliance							

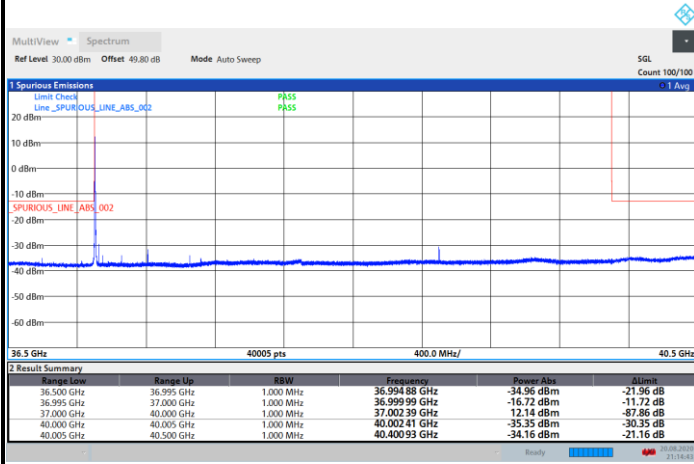
Mode			CP-OFDM Module 1 NR Band n260 : BE (dBm) Full RB					
BW			50MHz			100MHz		
Limit (dBm)			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Low CH	0~10%OB	≤ -5	-29.52	-29.80	-33.08	-29.35	-31.79	-34.50
	>10%OB	≤ -13	-31.54	-32.77	-35.59	-31.48	-33.62	-36.07
High CH	0~10%OB	≤ -5	-32.64	-33.55	-34.14	-33.99	-33.88	-34.80
	>10%OB	≤ -13	-33.96	-34.11	-34.19	-33.97	-33.96	-34.24
Result			Compliance					



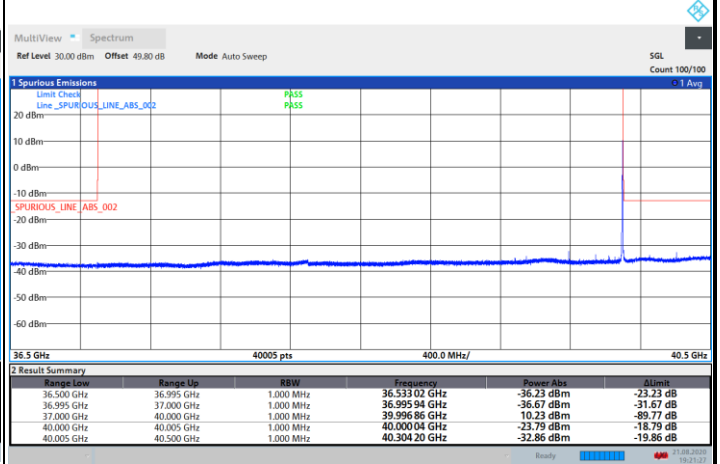
DFT-s-OFDM Module 1

NR Band n260 / 50MHz / BPSK

Lowest Band Edge / 1 RB

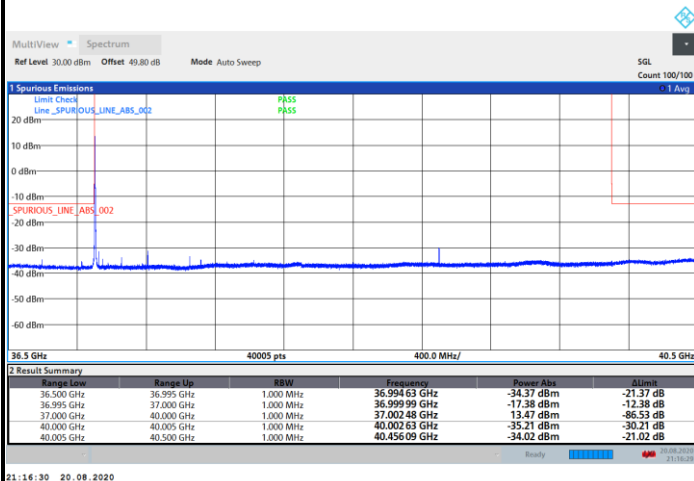


Highest Band Edge / 1 RB

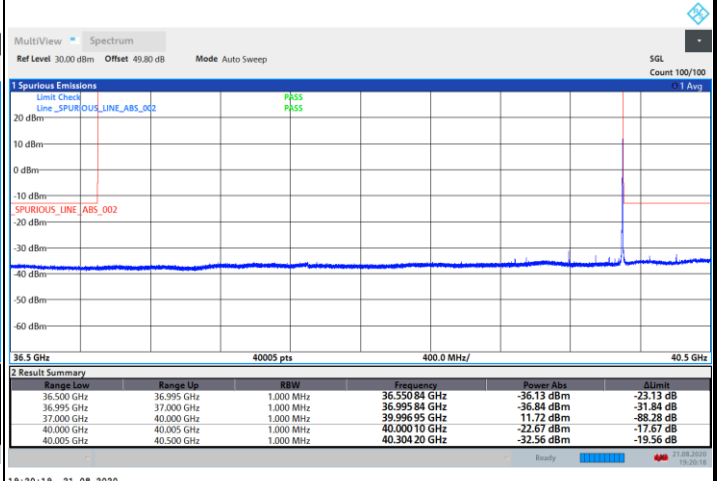


NR Band n260 / 50MHz / QPSK

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB

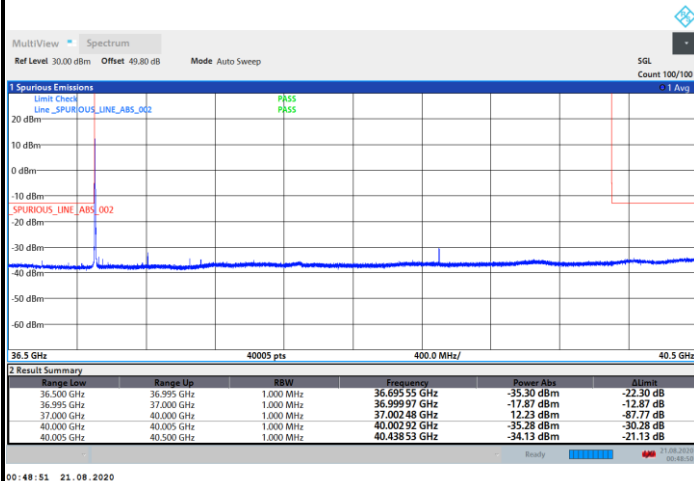




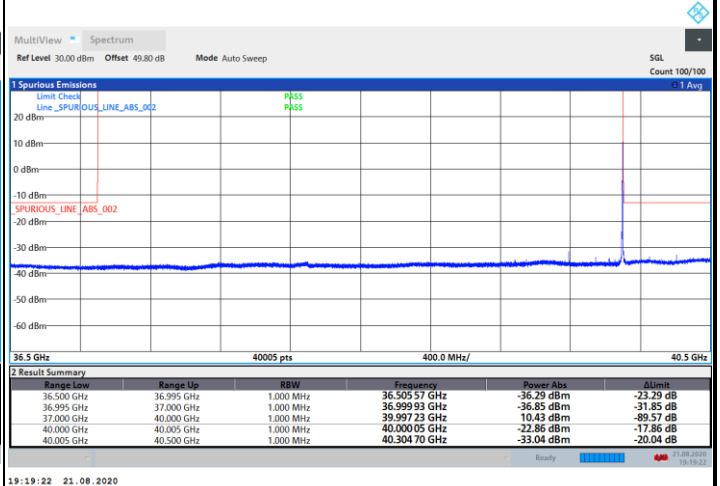
DFT-s-OFDM Module 1

NR Band n260 / 50MHz / 16QAM

Lowest Band Edge / 1 RB

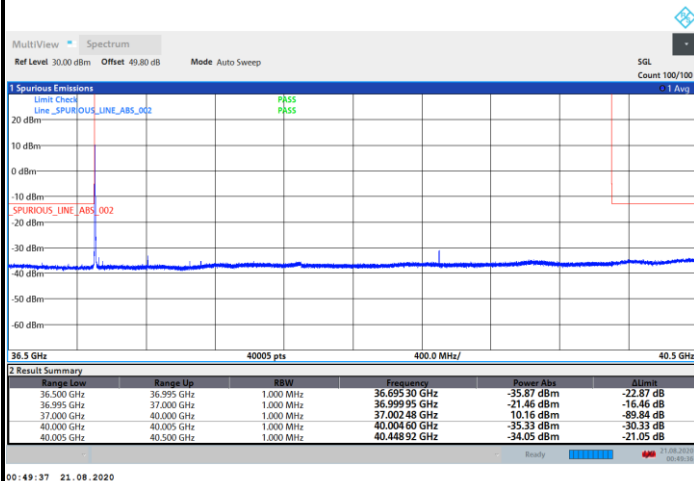


Highest Band Edge / 1 RB

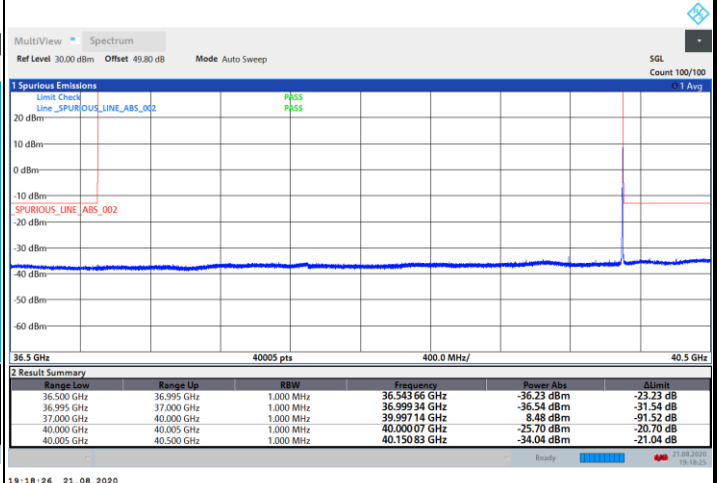


NR Band n260 / 50MHz / 64QAM

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB

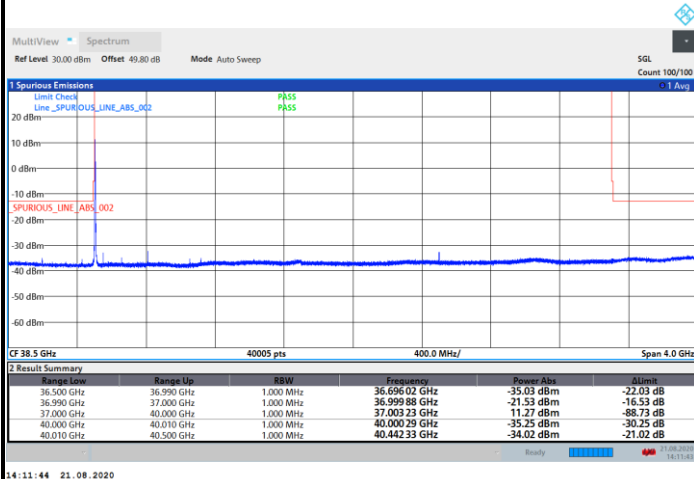




DFT-s-OFDM Module 1

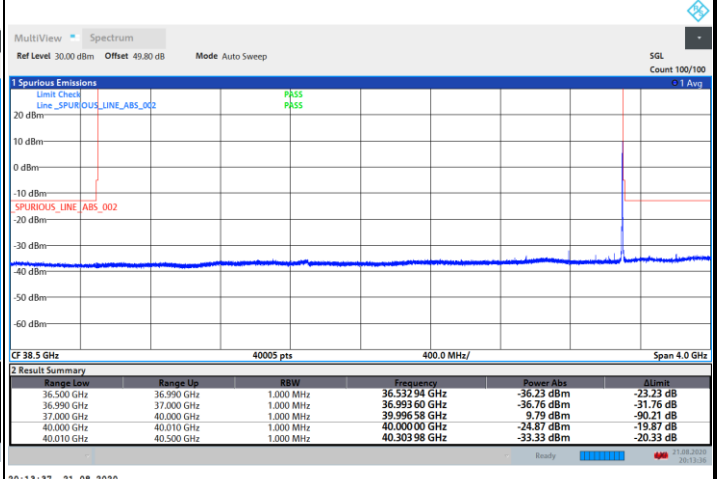
NR Band n260 / 100MHz / BPSK

Lowest Band Edge / 1 RB



14:11:44 21.08.2020

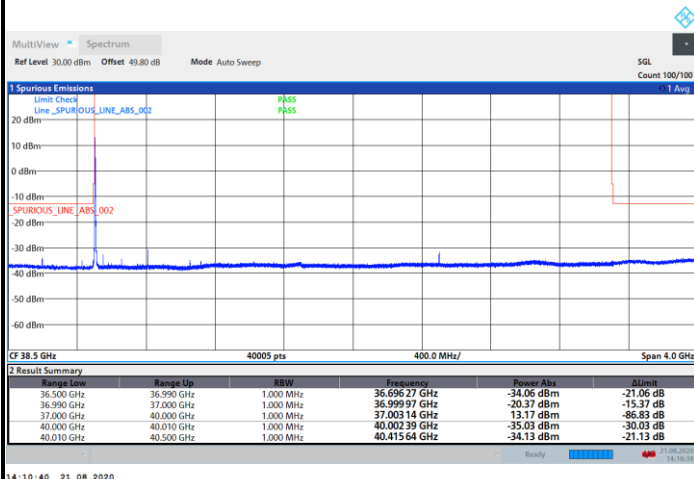
Highest Band Edge / 1 RB



20:13:37 21.08.2020

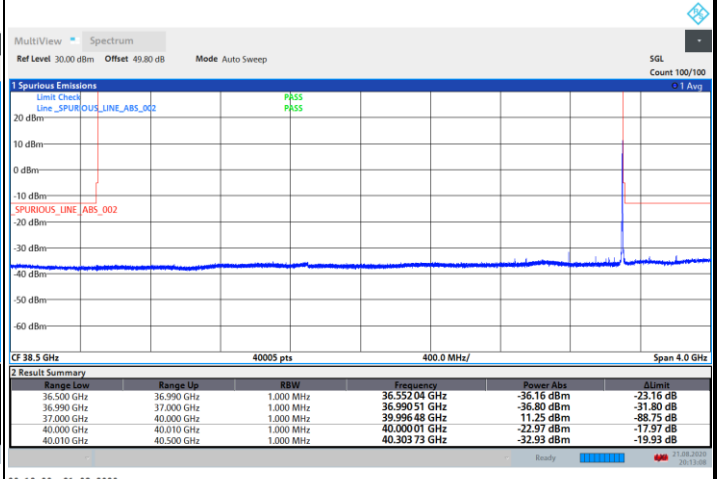
NR Band n260 / 100MHz / QPSK

Lowest Band Edge / 1 RB



14:10:40 21.08.2020

Highest Band Edge / 1 RB



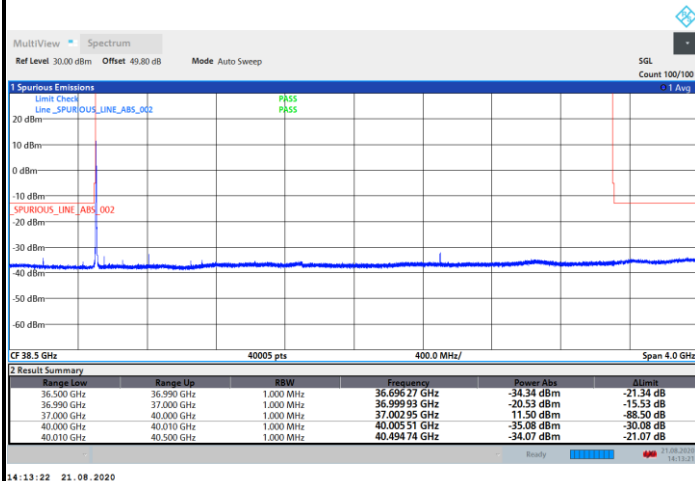
20:13:09 21.08.2020



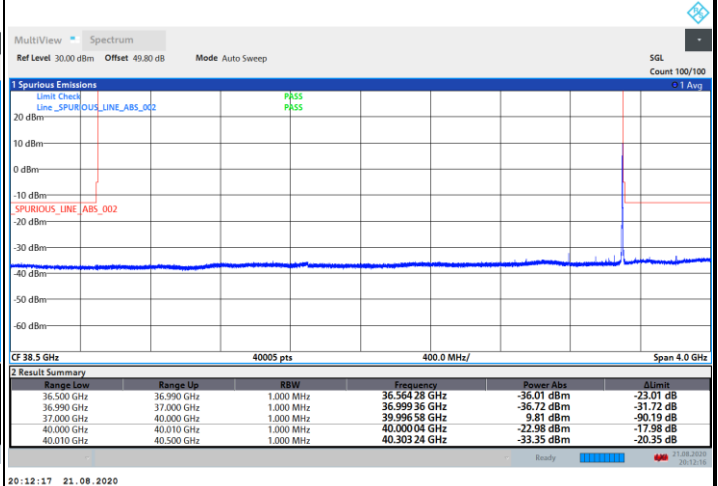
DFT-s-OFDM Module 1

NR Band n260 / 100MHz / 16QAM

Lowest Band Edge / 1 RB

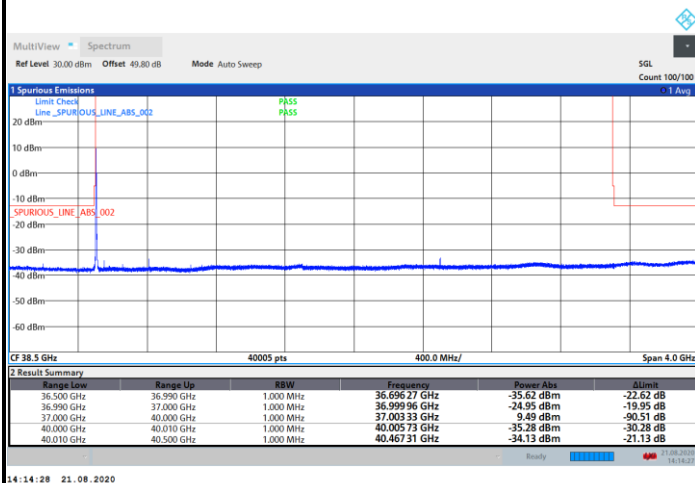


Highest Band Edge / 1 RB

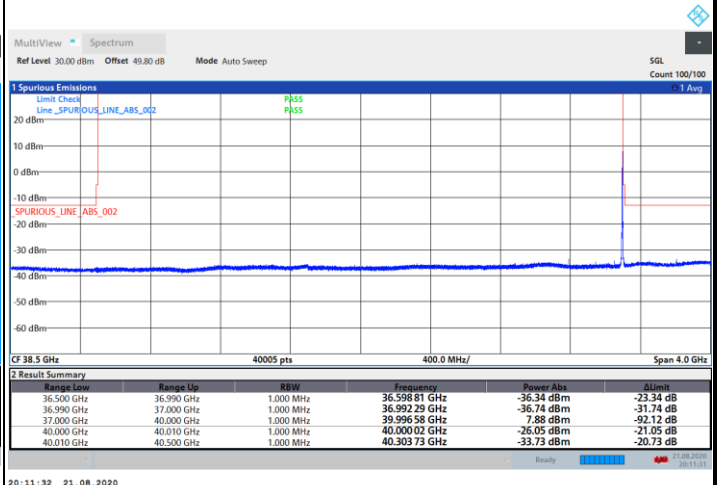


NR Band n260 / 100MHz / 64QAM

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB

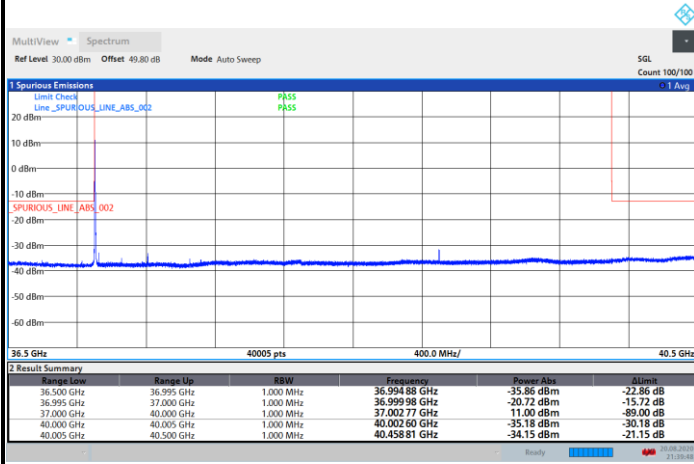




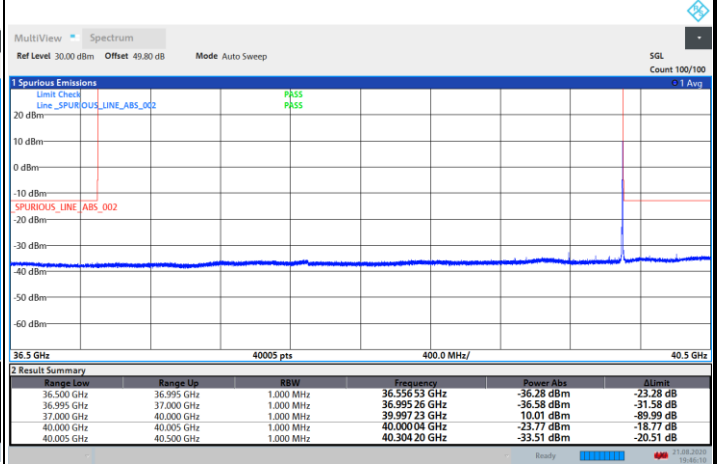
CP-OFDM Module 1

NR Band n260 / 50MHz / QPSK

Lowest Band Edge / 1 RB

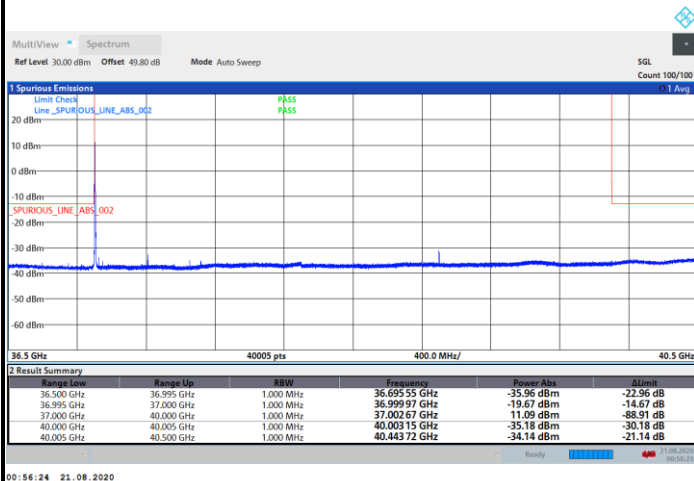


Highest Band Edge / 1 RB

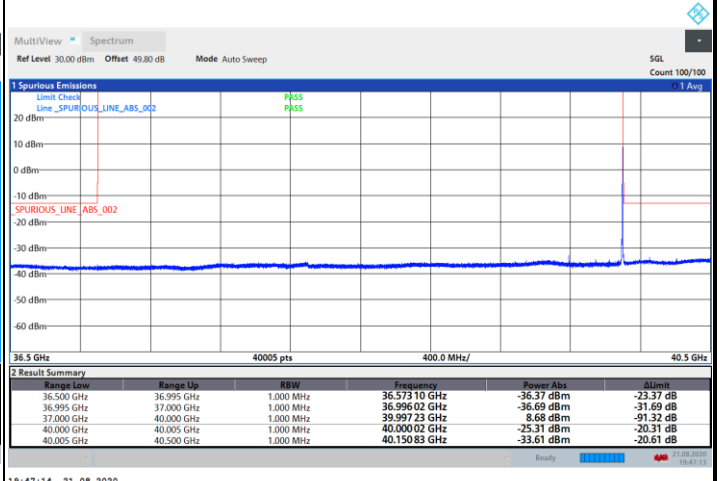


NR Band n260 / 50MHz / 16QAM

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB

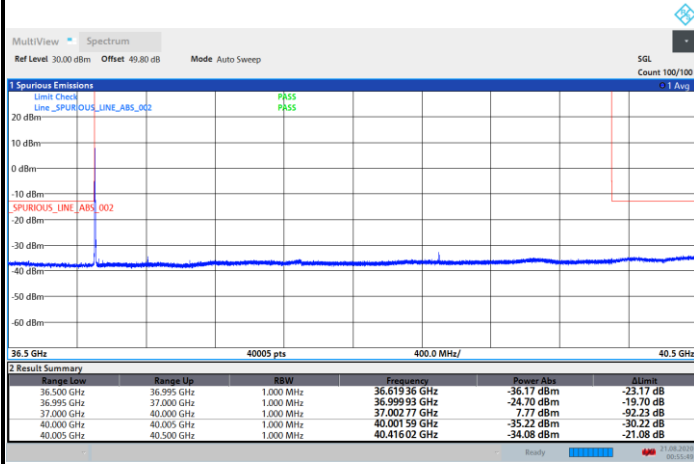




CP-OFDM Module 1

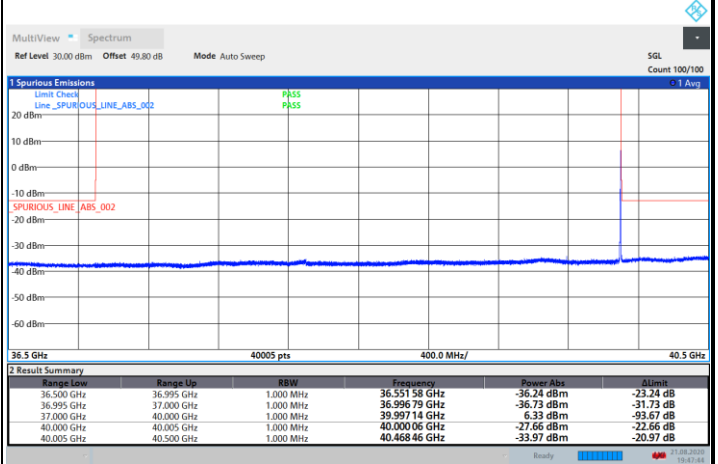
NR Band n260 / 50MHz / 64QAM

Lowest Band Edge / 1 RB



00:55:50 21.08.2020

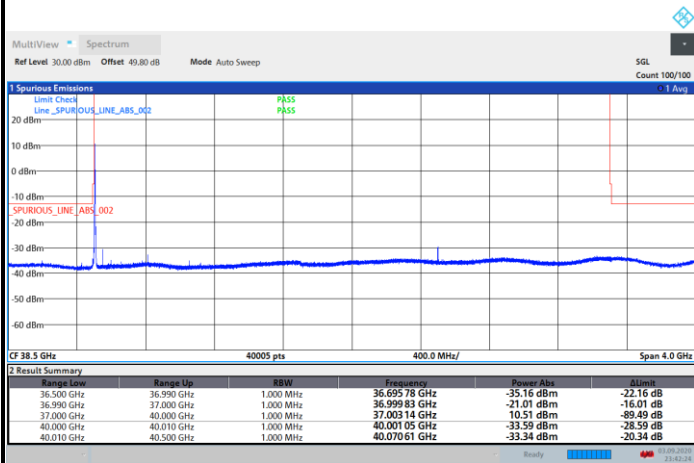
Highest Band Edge / 1 RB



19:47:45 21.08.2020

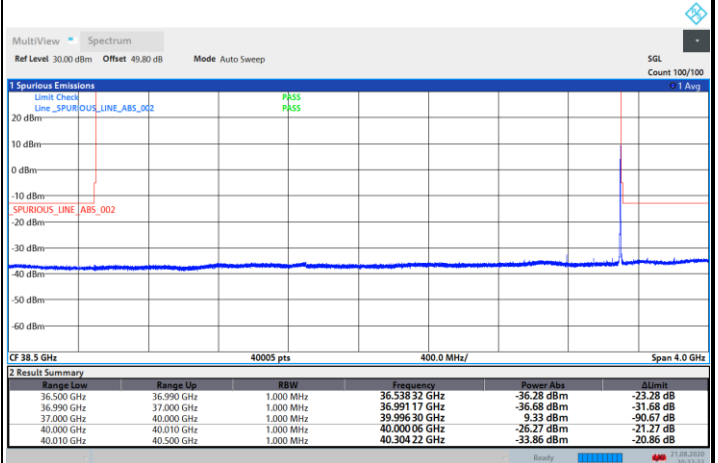
NR Band n260 / 100MHz / QPSK

Lowest Band Edge / 1 RB



23:42:24 03.09.2020

Highest Band Edge / 1 RB



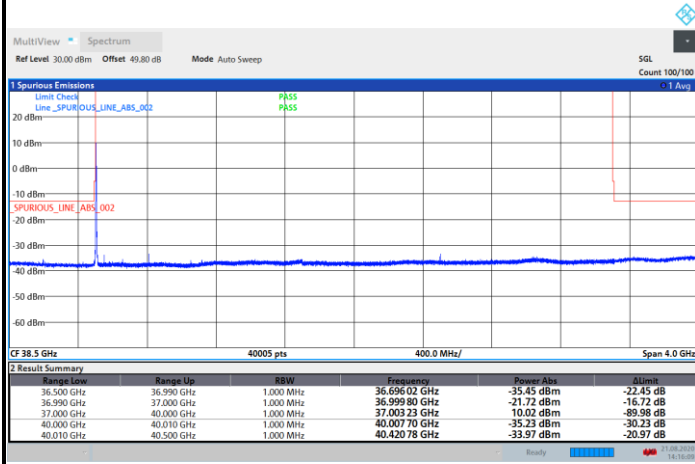
20:32:34 21.08.2020



CP-OFDM Module 1

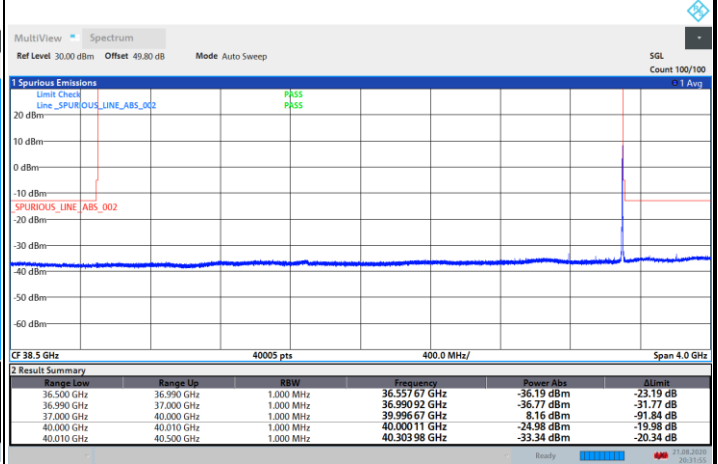
NR Band n260 / 100MHz / 16QAM

Lowest Band Edge / 1 RB



14:16:09 21.08.2020

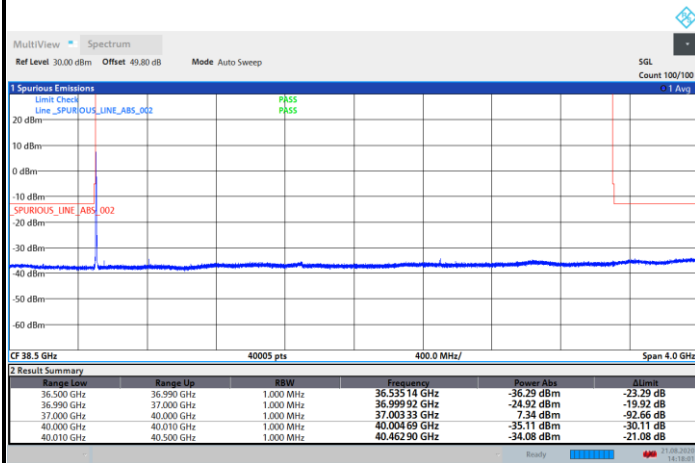
Highest Band Edge / 1 RB



20:31:55 21.08.2020

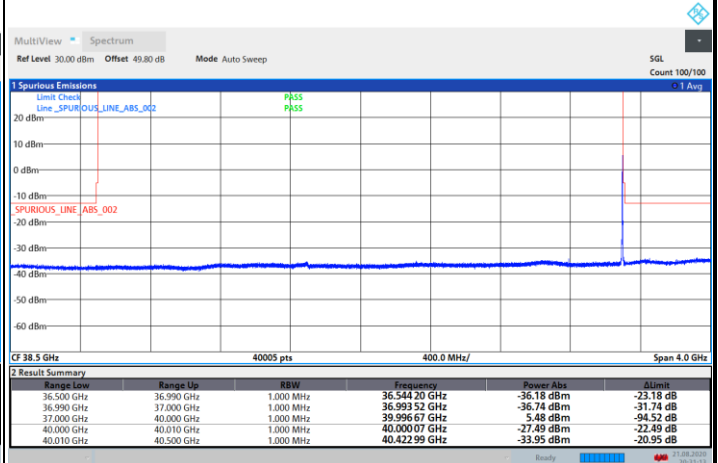
NR Band n260 / 100MHz / 64QAM

Lowest Band Edge / 1 RB



14:18:02 21.08.2020

Highest Band Edge / 1 RB



20:31:13 21.08.2020