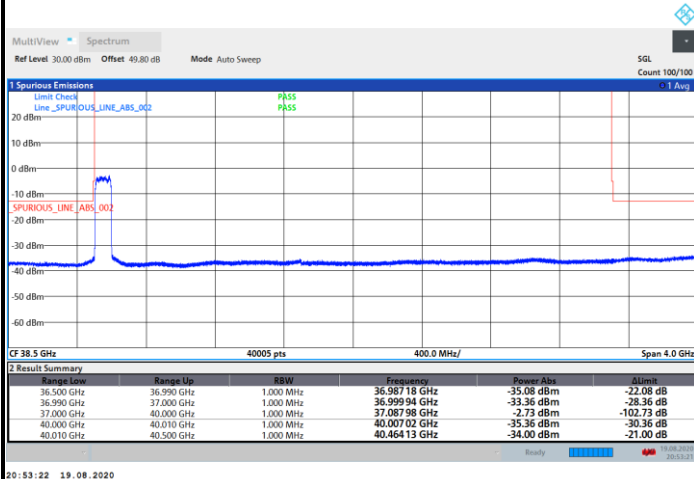




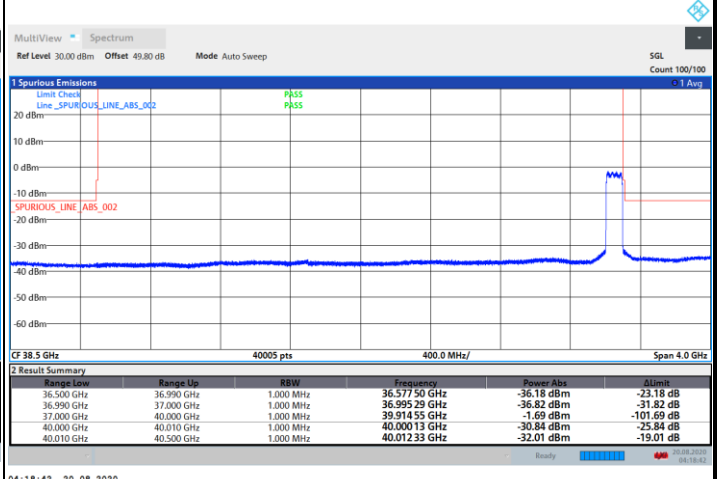
CP-OFDM Module 0

NR Band n260 / 100MHz / 16QAM

Lowest Band Edge / Full RB

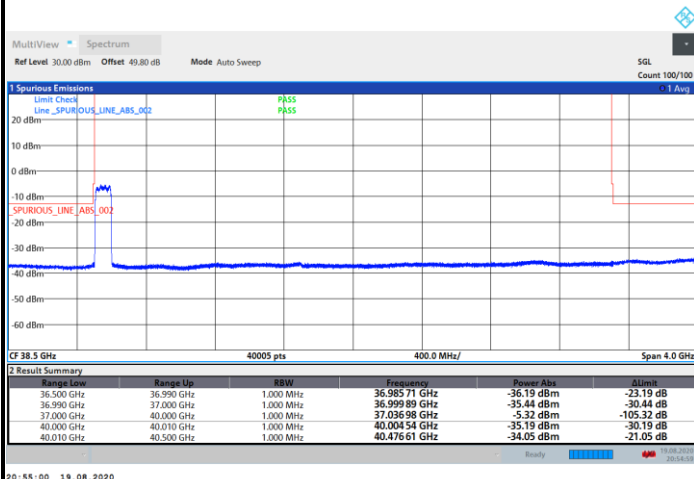


Highest Band Edge / Full RB

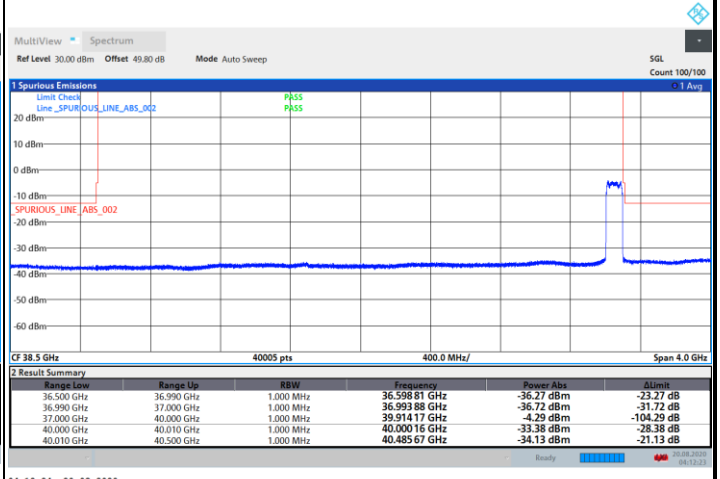


NR Band n260 / 100MHz / 64QAM

Lowest Band Edge / Full RB

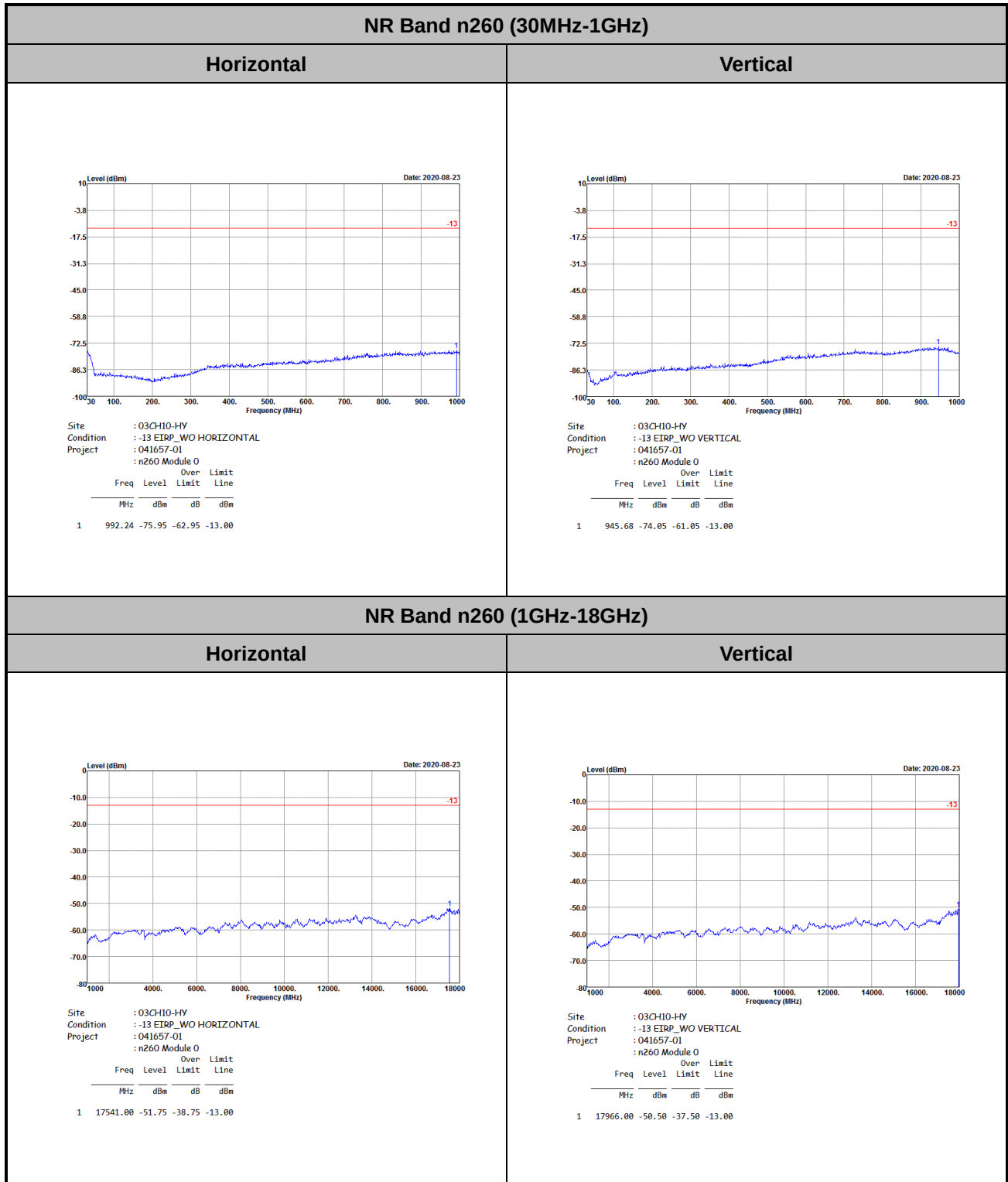


Highest Band Edge / Full RB



Spurious Emission

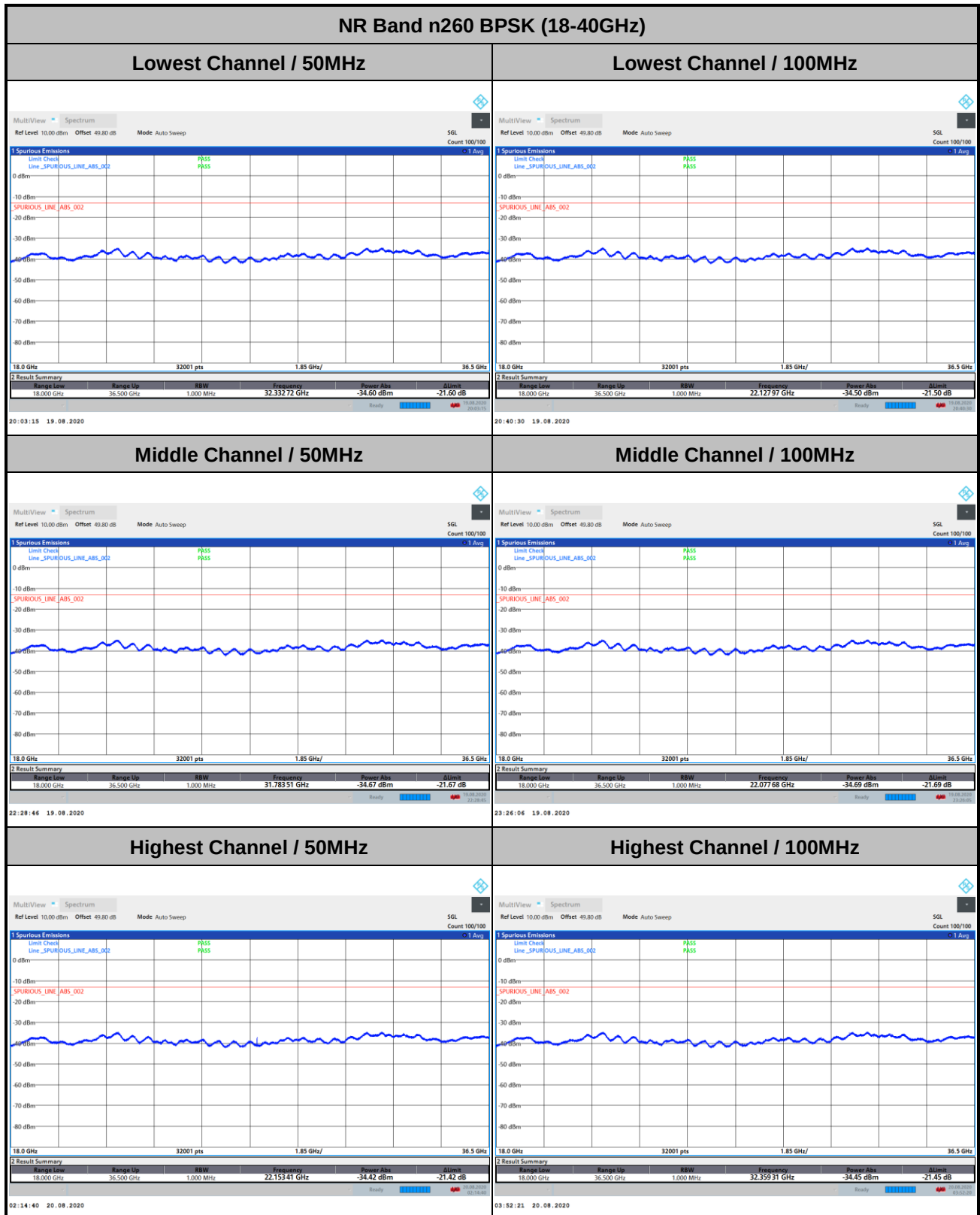
There is no significant spurious emission signal found for frequency started from 9kHz up to 18GHz.
Only the noise floor is reported.





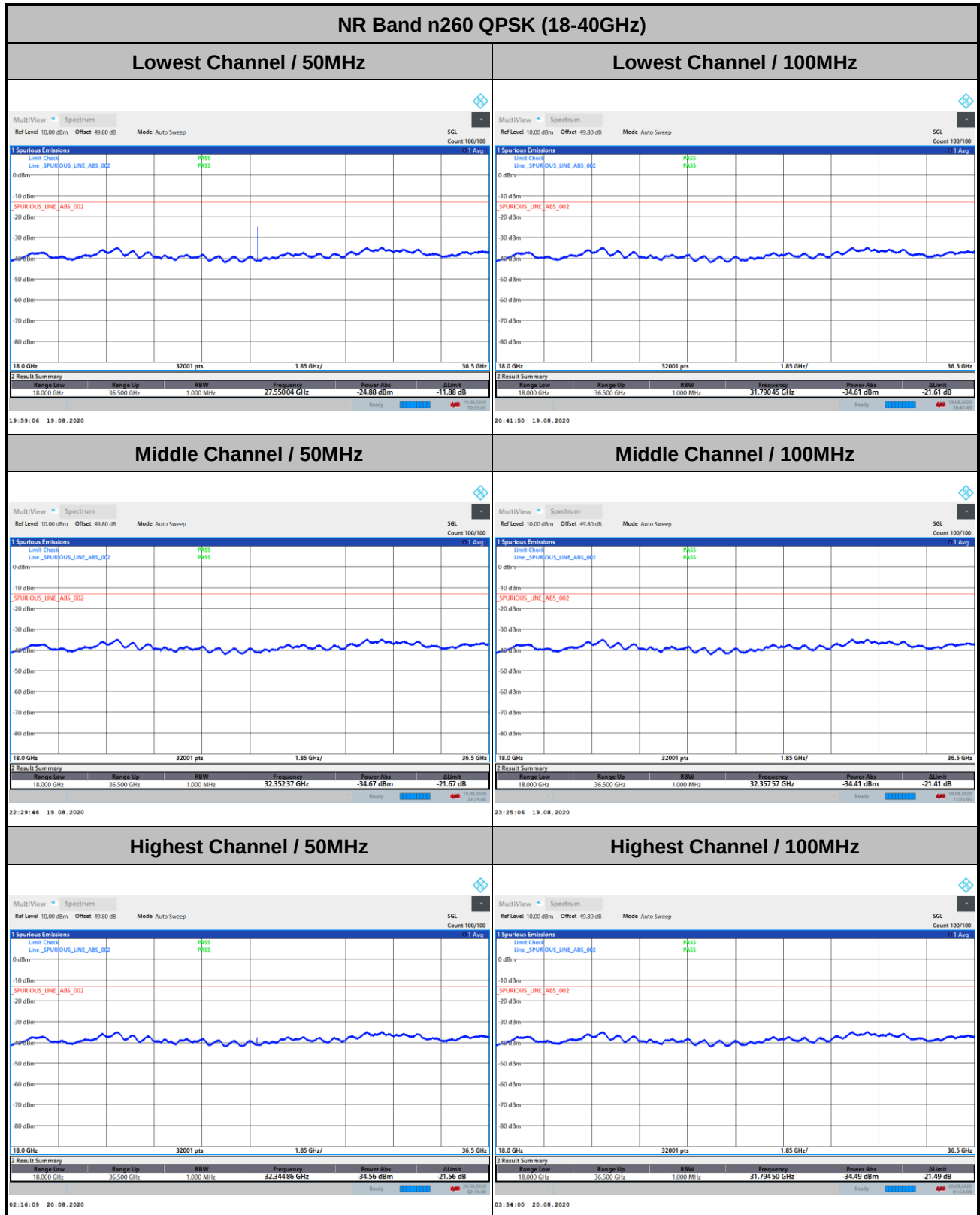
Spurious emission between 18GHz to 40GHz worst case plot is reported as following.

DFT-s-OFDM Module 0



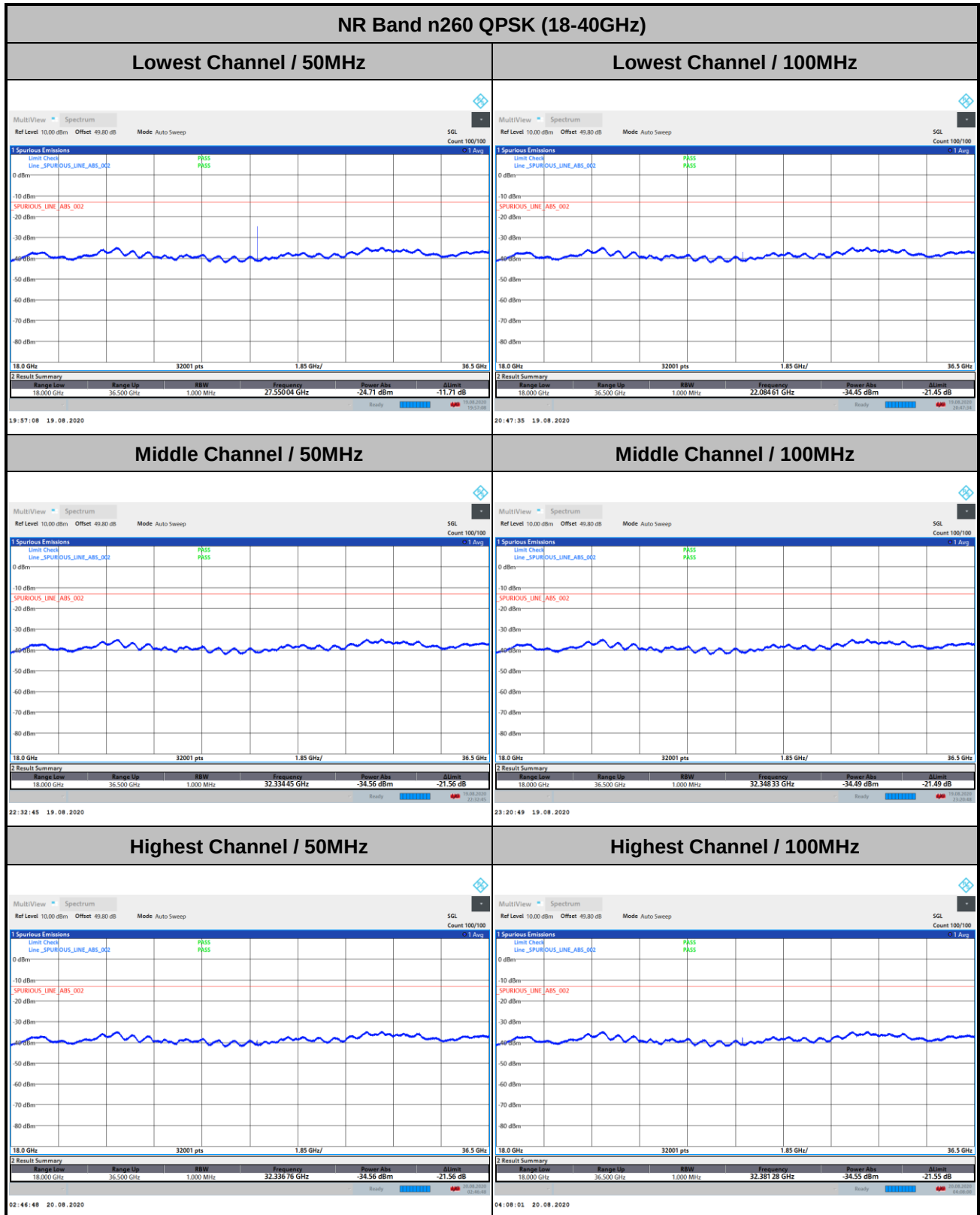


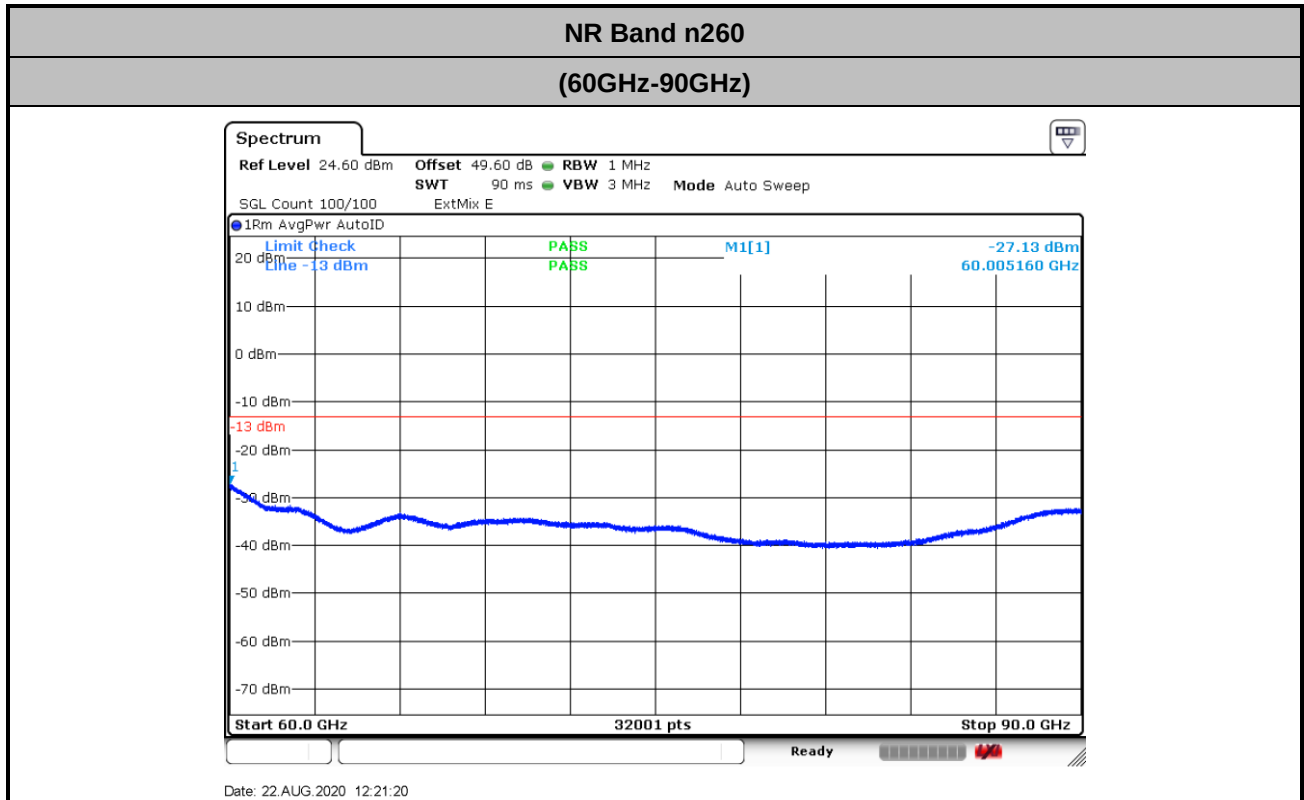
DFT-s-OFDM Module 0



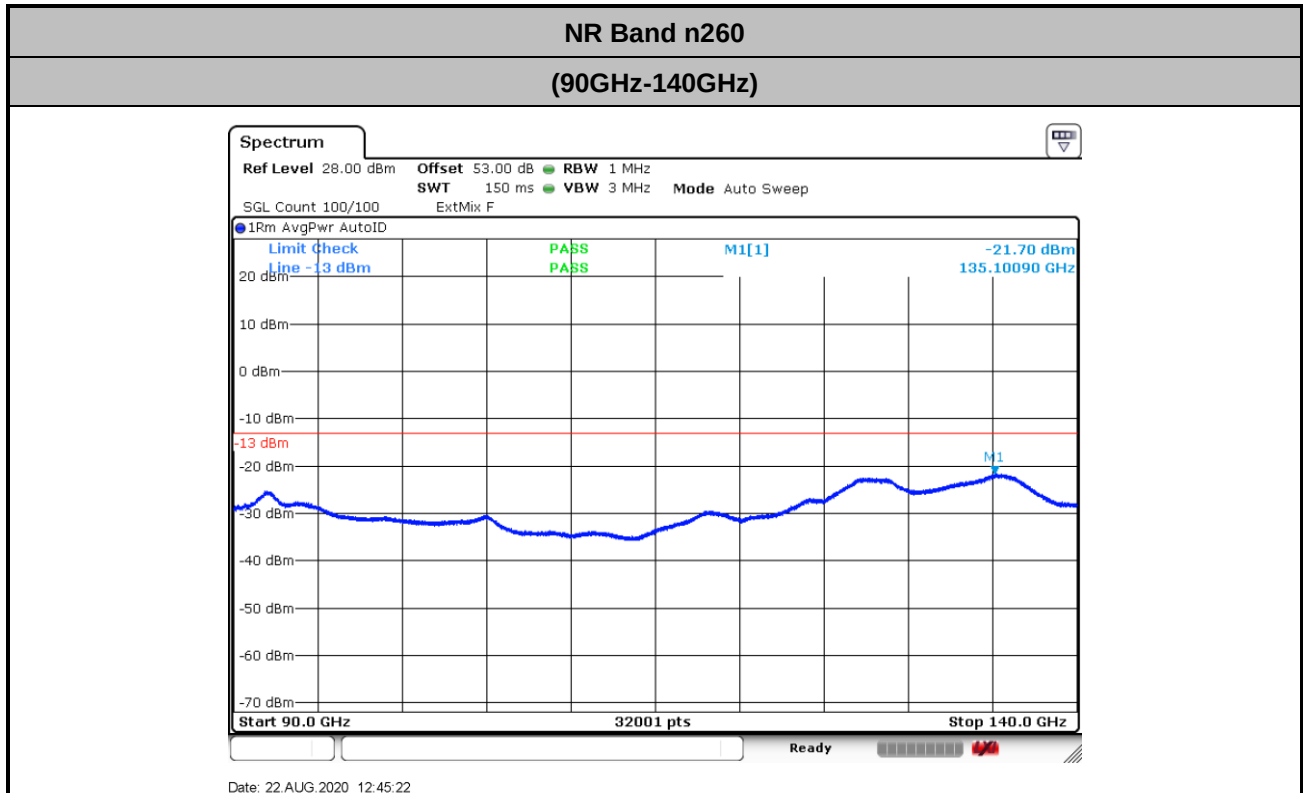


CP-OFDM Module 0

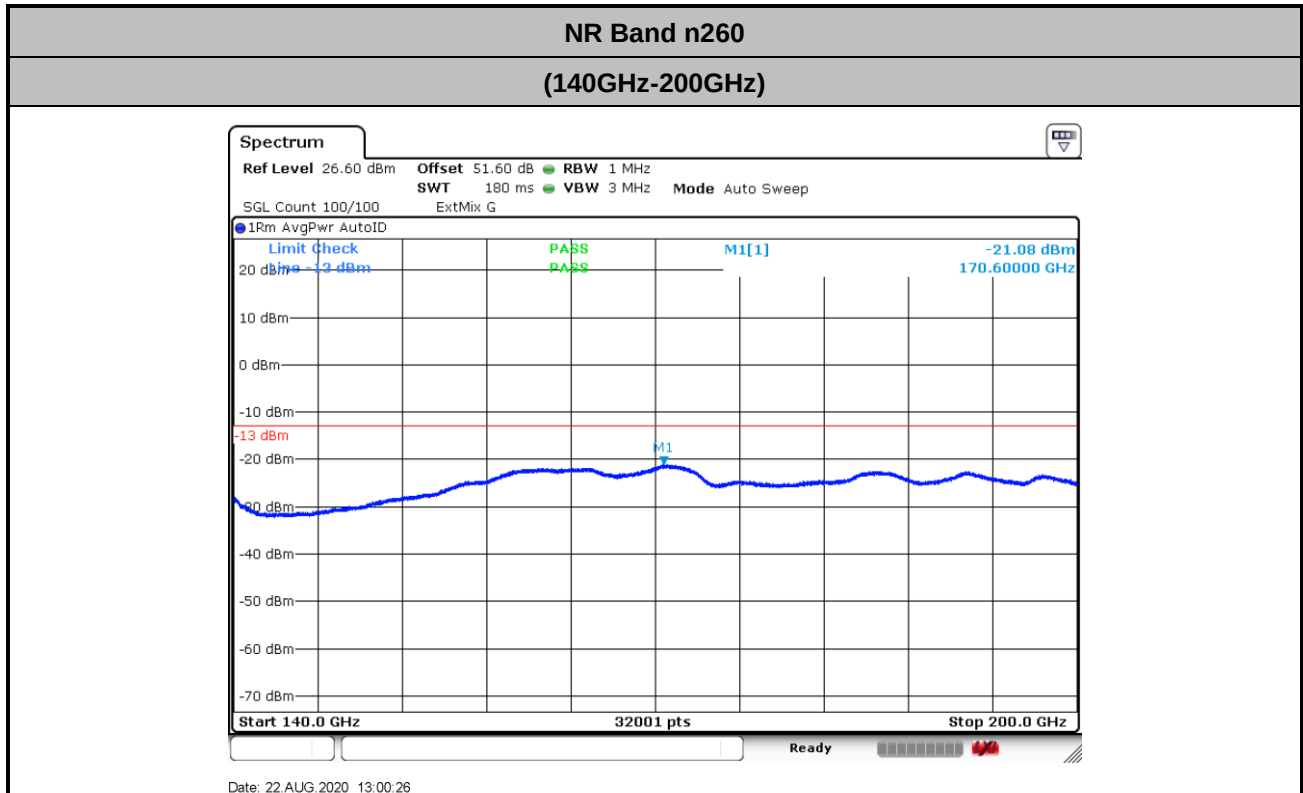




$$\begin{aligned} \text{Offset} &= \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 \\ &= 45.4 + 2 + 107 + 20\log(1) - 104.8 = 49.6 \text{ (dB)} \end{aligned}$$



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



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



NR Band n260 Module 0 AG0+1

Occupied Bandwidth

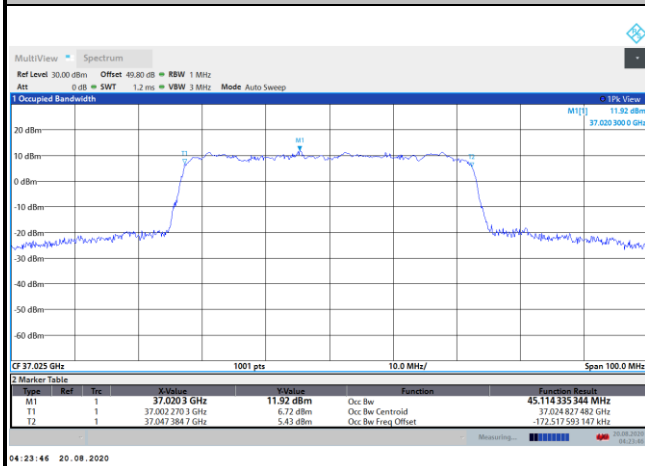
Mode	CP-OFDM Module 0 NR Band n260 : 99%OBW(MHz)					
BW	50MHz			100MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	45.11	45.15	45.16	92.46	92.91	92.67
Middle CH	45.36	45.45	45.10	92.44	92.39	93.00
Highest CH	45.19	45.39	45.18	92.96	92.75	92.70



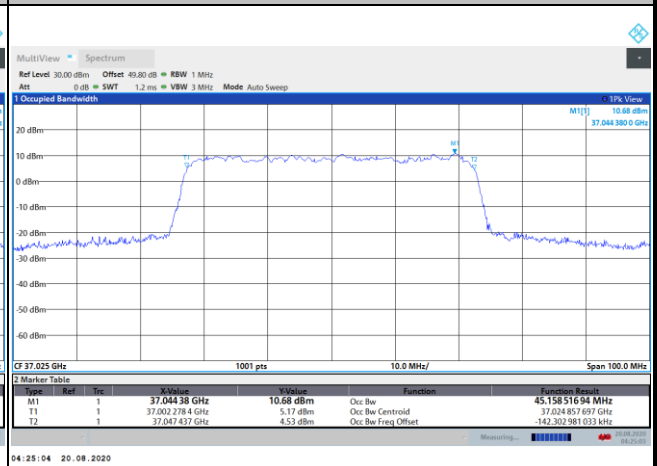
CP-OFDM Module 0

NR Band n260

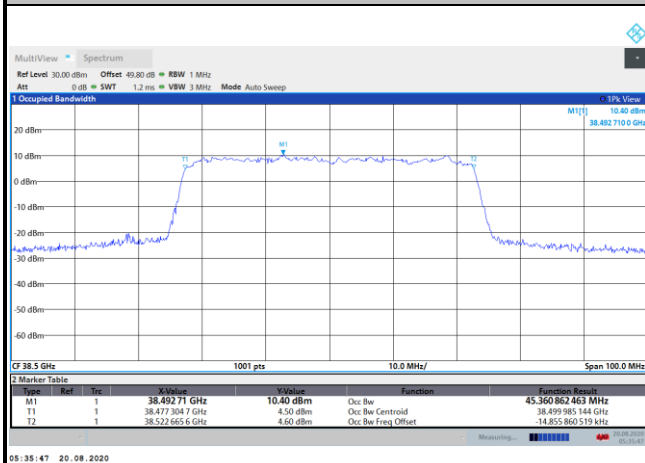
Lowest Channel / 50MHz / QPSK



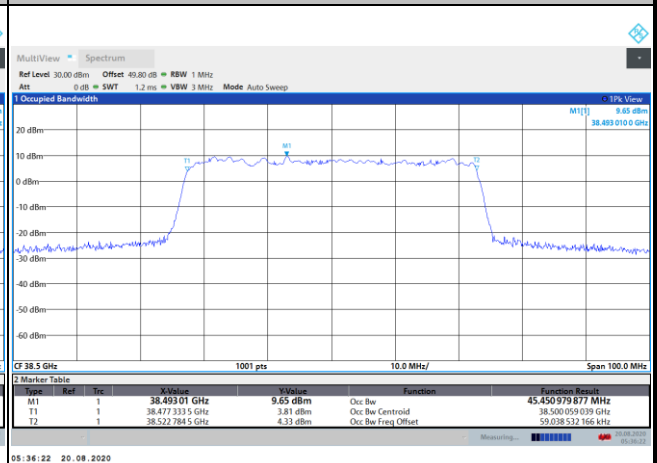
Lowest Channel / 50MHz / 16QAM



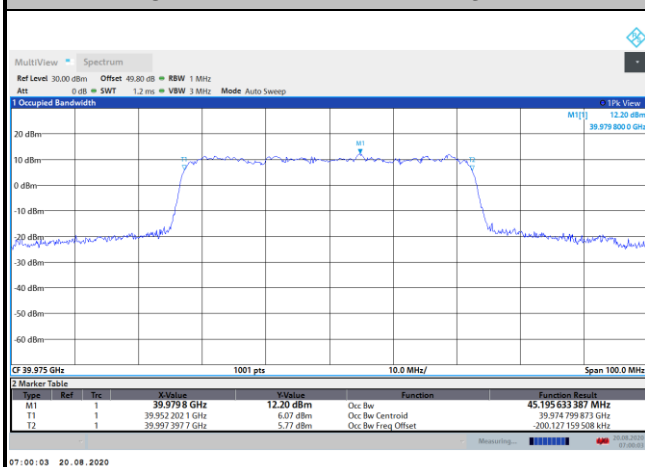
Middle Channel / 50MHz / QPSK



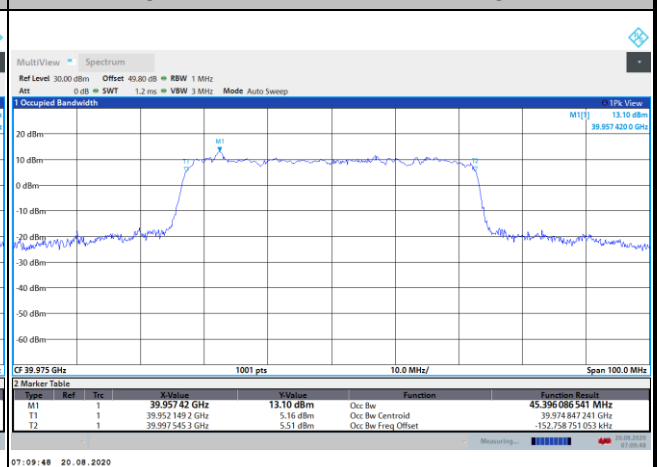
Middle Channel / 50MHz / 16QAM



Highest Channel / 50MHz / QPSK



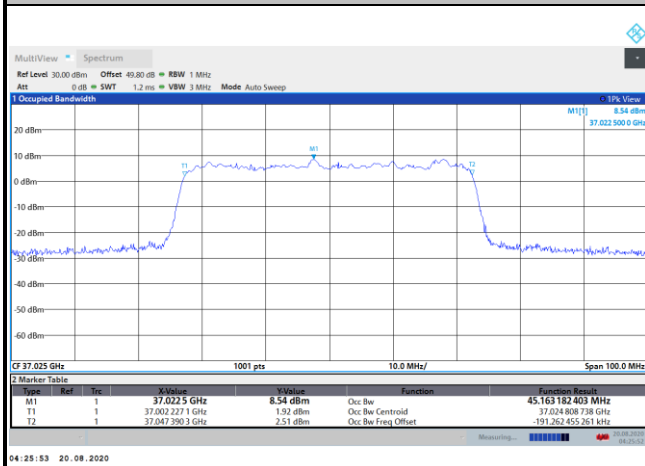
Highest Channel / 50MHz / 16QAM



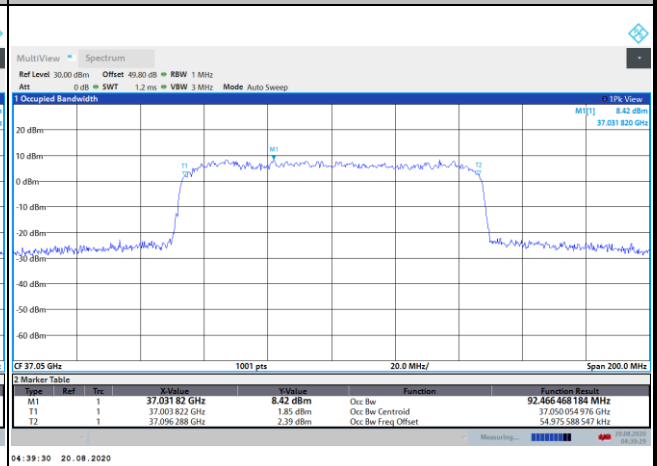
CP-OFDM Module 0

NR Band n260

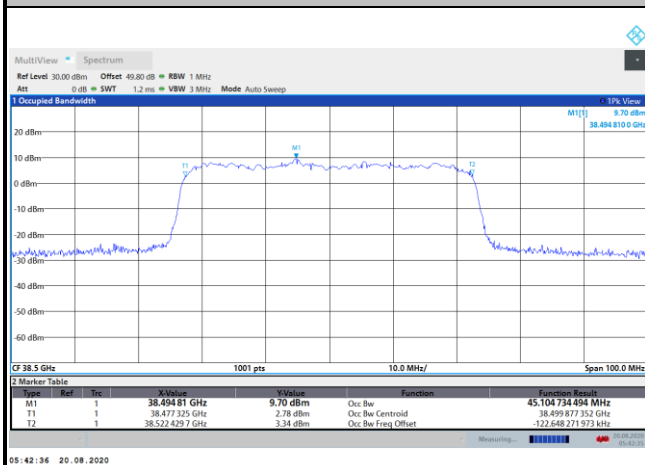
Lowest Channel / 50MHz / 64QAM



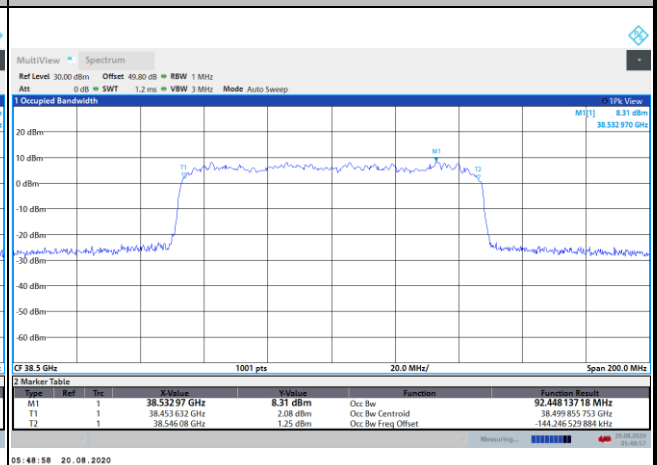
Lowest Channel / 100MHz / QPSK



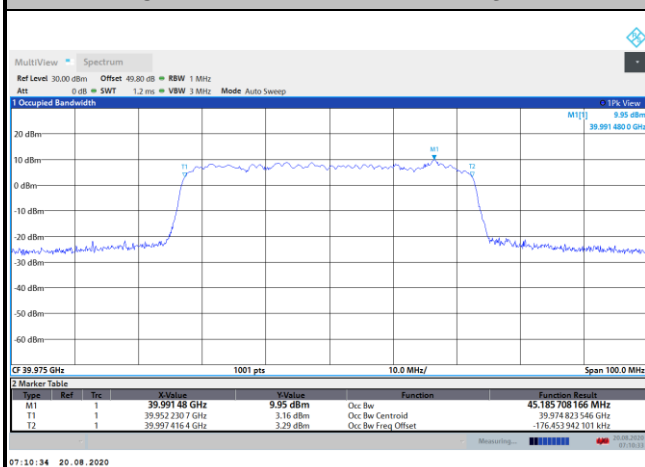
Middle Channel / 50MHz / 64QAM



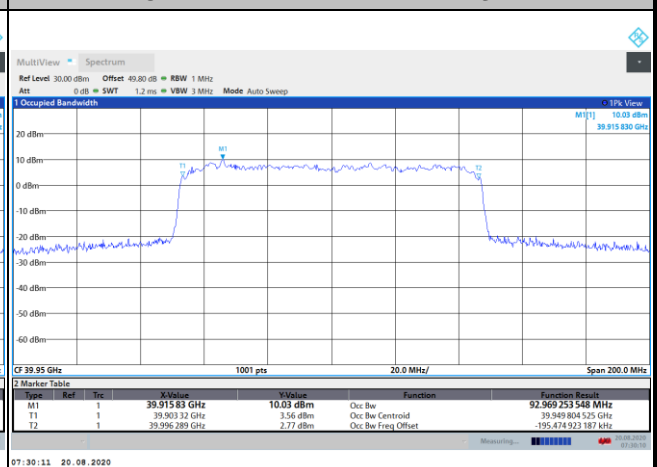
Middle Channel / 100MHz / QPSK

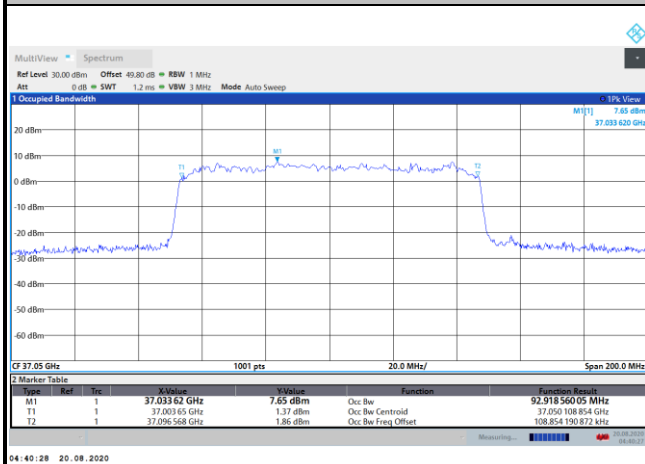
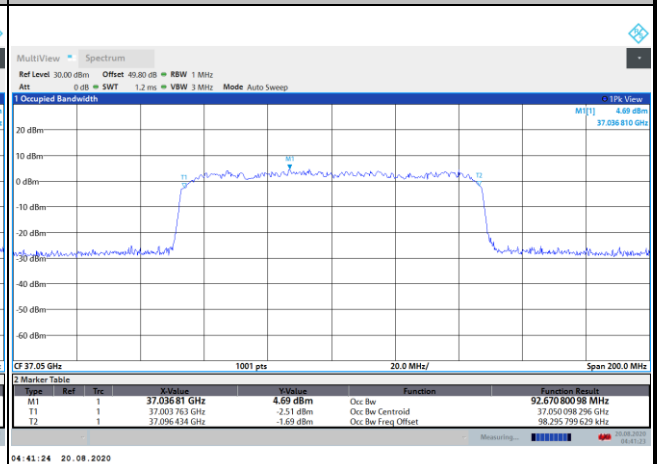
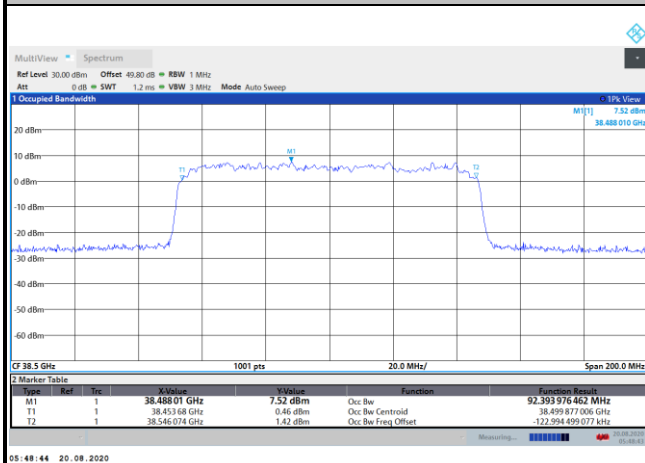
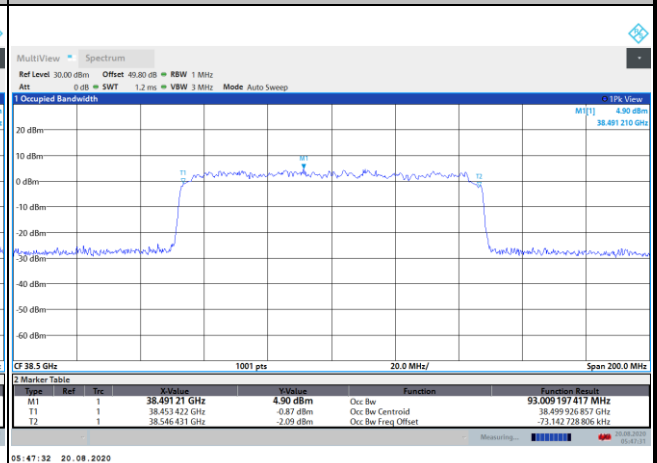
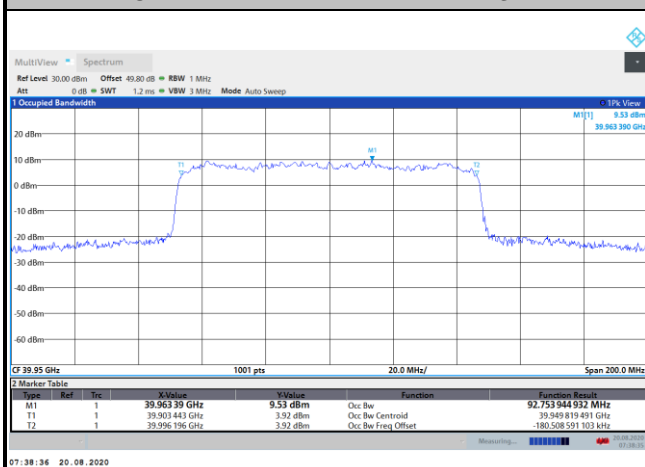
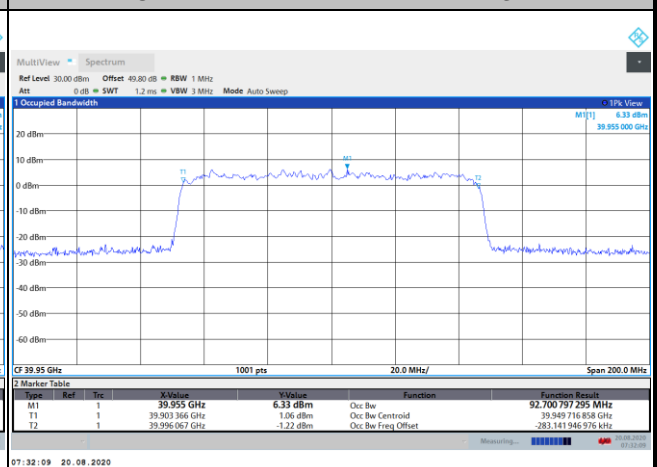


Highest Channel / 50MHz / 64QAM



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


Radiated Out of Band Emissions

Mode			CP-OFDM Module 0 NR Band n260 : BE (dBm) 1 RB					
BW			50MHz			100MHz		
Limit (dBm)			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Low CH	0~10%OB	≤ -5	-17.18	-19.25	-21.98	-22.02	-22.20	-26.08
	>10%OB	≤ -13	-33.81	-34.42	-35.65	-35.93	-35.95	-36.32
High CH	0~10%OB	≤ -5	-19.11	-20.91	-22.33	-22.66	-22.01	-24.02
	>10%OB	≤ -13	-31.35	-32.53	-33.36	-33.37	-33.96	-34.07
Result			Compliance					

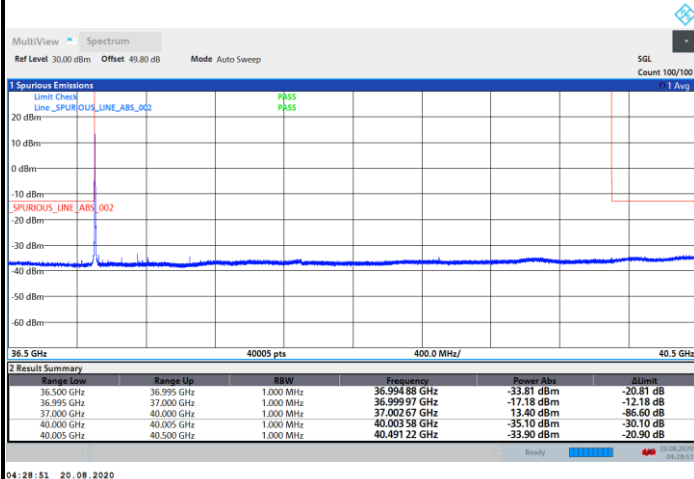
Mode			CP-OFDM Module 0 NR Band n260 : BE (dBm) Full RB					
BW			50MHz			100MHz		
Limit (dBm)			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Low CH	0~10%OB	≤ -5	-28.08	-28.99	-32.07	-32.40	-33.30	-34.58
	>10%OB	≤ -13	-30.72	-33.10	-35.42	-33.96	-34.83	-36.17
High CH	0~10%OB	≤ -5	-26.44	-27.48	-30.55	-29.78	-30.97	-33.05
	>10%OB	≤ -13	-28.52	-29.45	-32.84	-30.86	-32.56	-34.02
Result			Compliance					



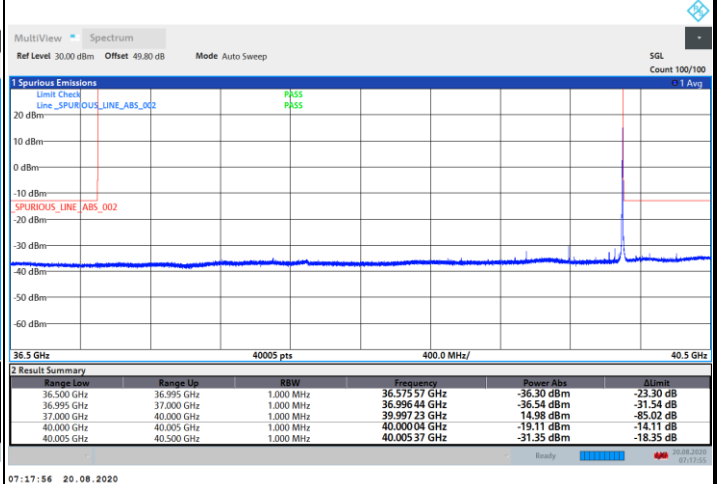
CP-OFDM Module 0

NR Band n260 / 50MHz / QPSK

Lowest Band Edge / 1 RB

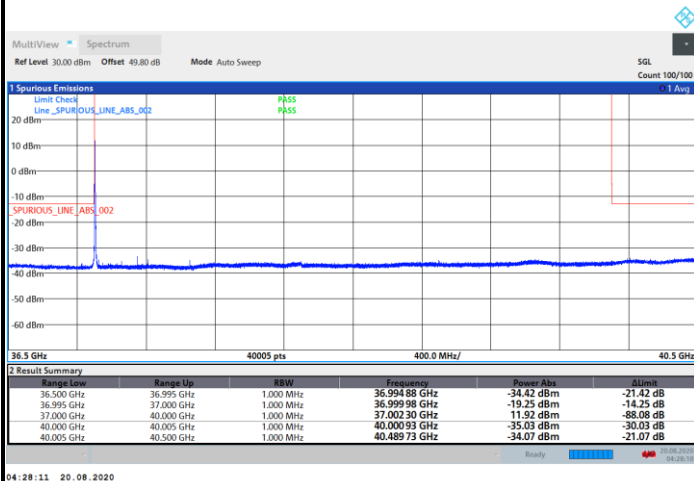


Highest Band Edge / 1 RB

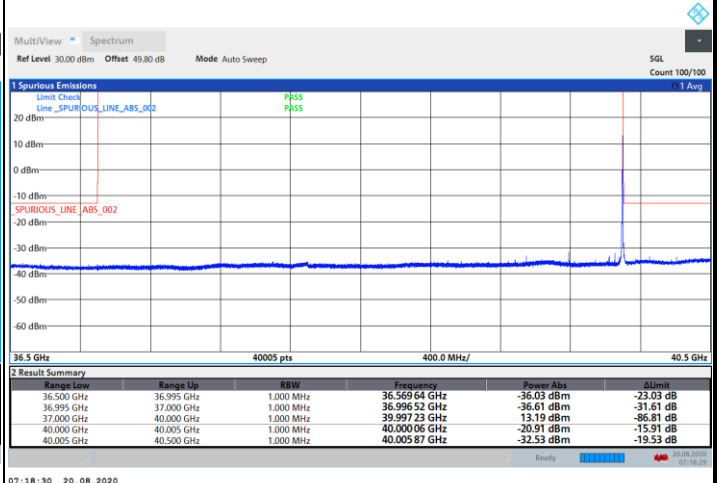


NR Band n260 / 50MHz / 16QAM

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB

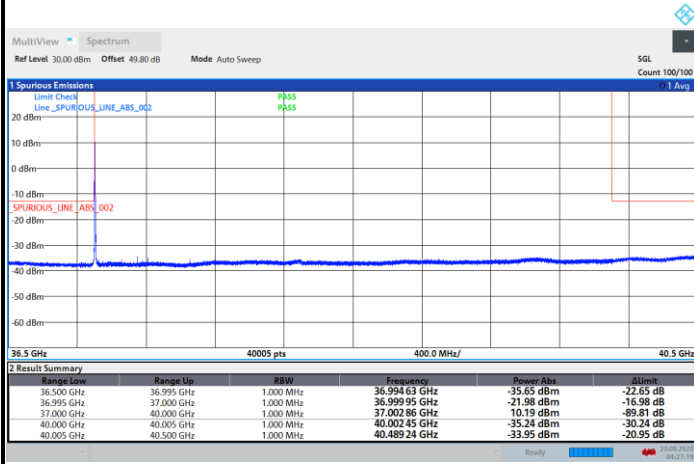




CP-OFDM Module 0

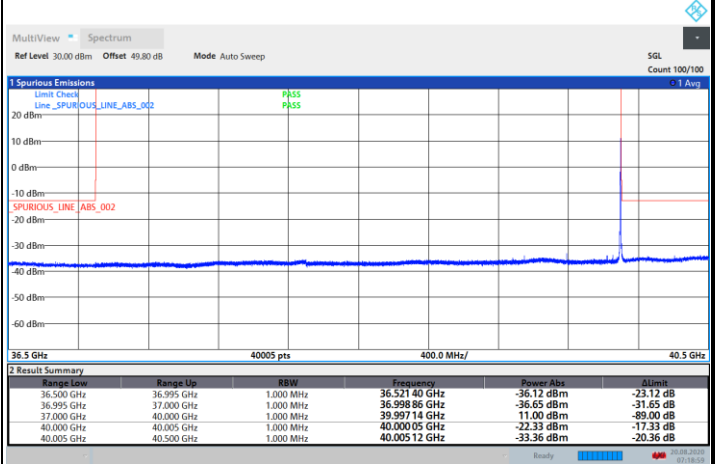
NR Band n260 / 50MHz / 64QAM

Lowest Band Edge / 1 RB



04:27:20 20.08.2020

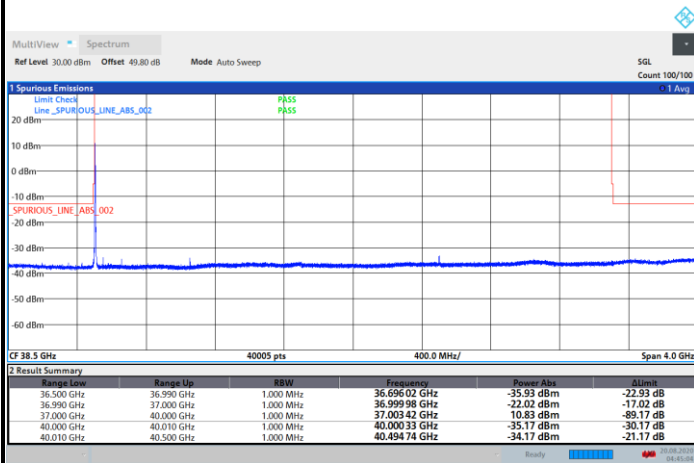
Highest Band Edge / 1 RB



07:19:00 20.08.2020

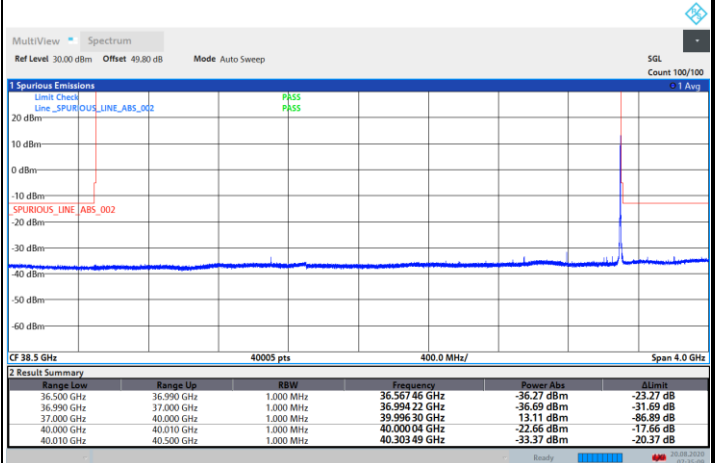
NR Band n260 / 100MHz / QPSK

Lowest Band Edge / 1 RB



04:45:05 20.08.2020

Highest Band Edge / 1 RB



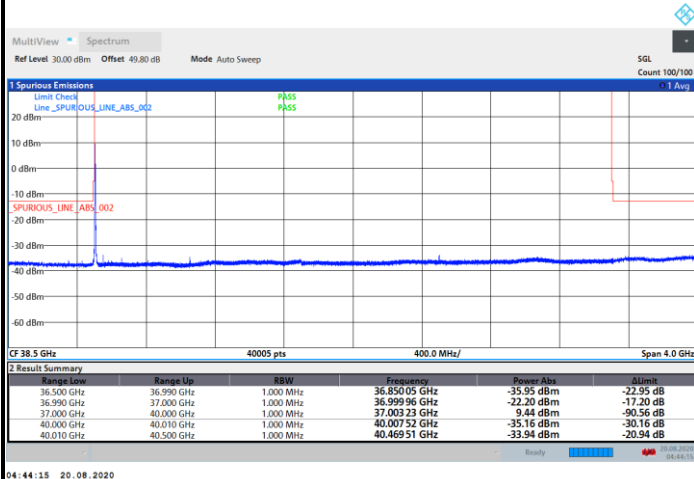
07:35:11 20.08.2020



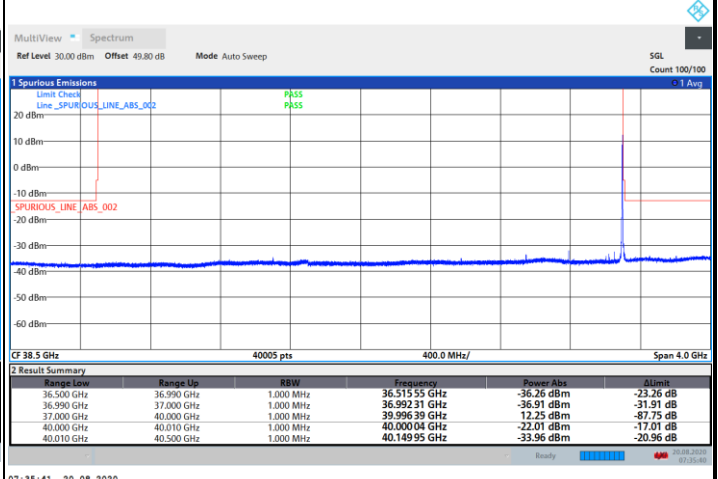
CP-OFDM Module 0

NR Band n260 / 100MHz / 16QAM

Lowest Band Edge / 1 RB

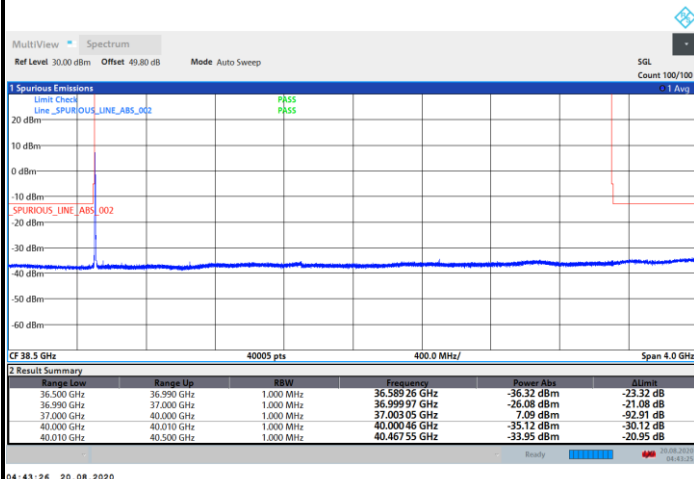


Highest Band Edge / 1 RB

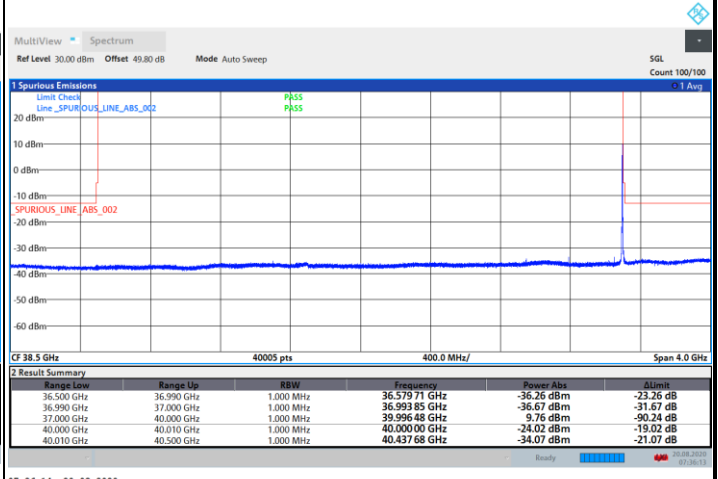


NR Band n260 / 100MHz / 64QAM

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB

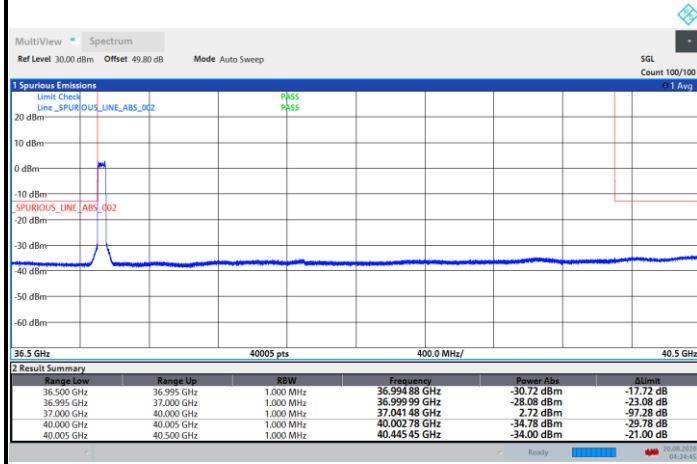




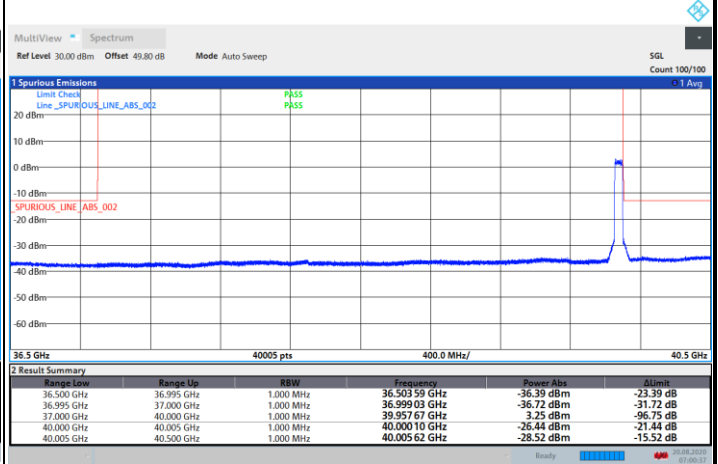
CP-OFDM Module 0

NR Band n260 / 50MHz / QPSK

Lowest Band Edge / Full RB

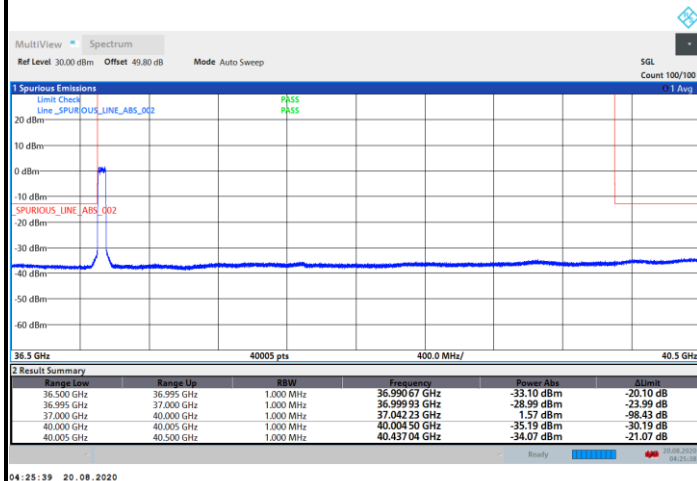


Highest Band Edge / Full RB

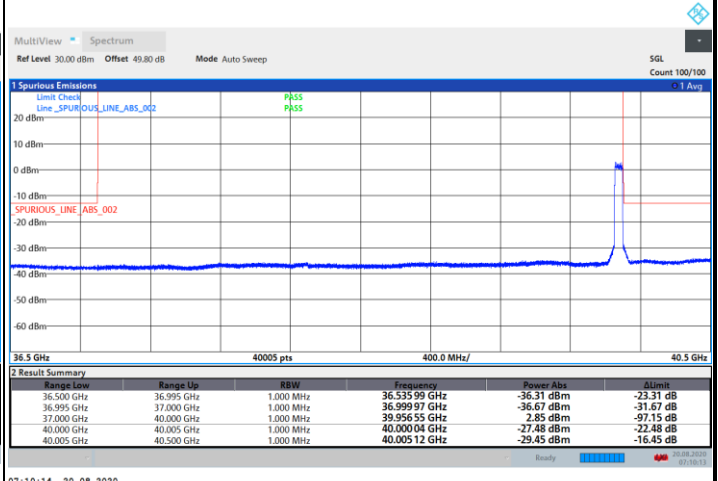


NR Band n260 / 50MHz / 16QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

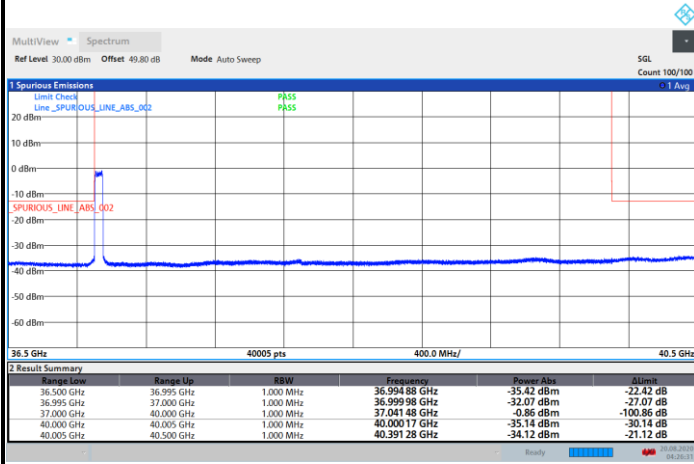




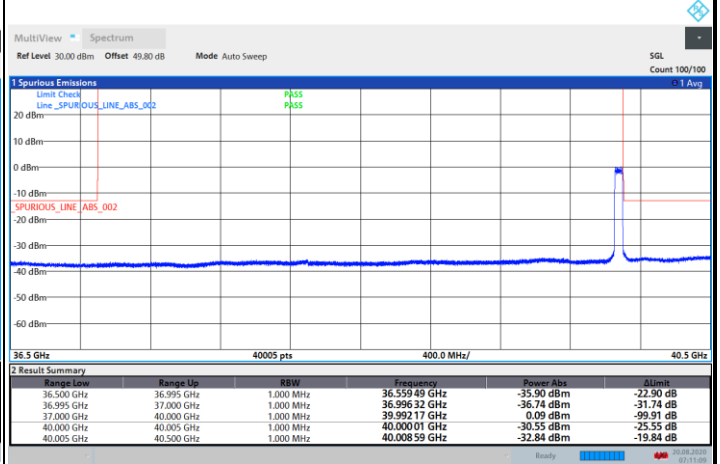
CP-OFDM Module 0

NR Band n260 / 50MHz / 64QAM

Lowest Band Edge / Full RB

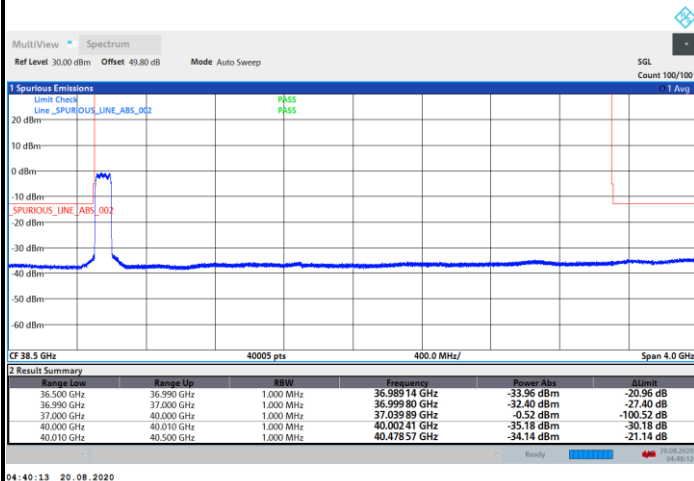


Highest Band Edge / Full RB

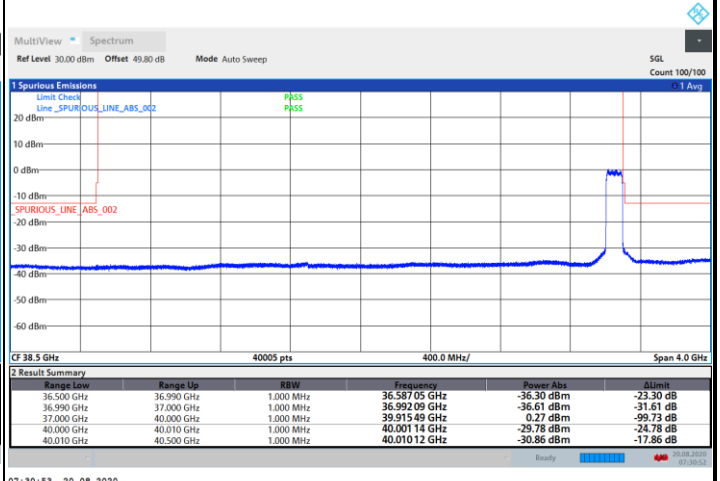


NR Band n260 / 100MHz / QPSK

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

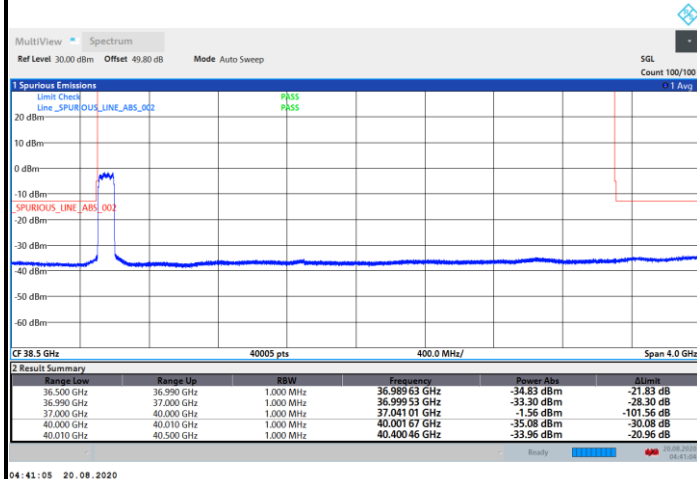




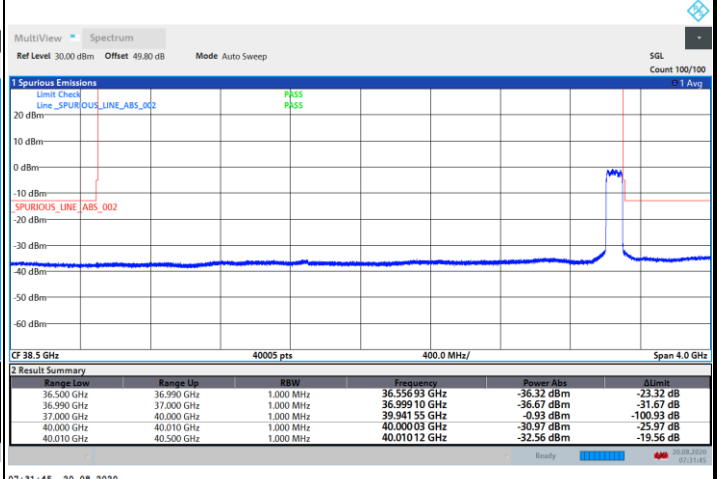
CP-OFDM Module 0

NR Band n260 / 100MHz / 16QAM

Lowest Band Edge / Full RB

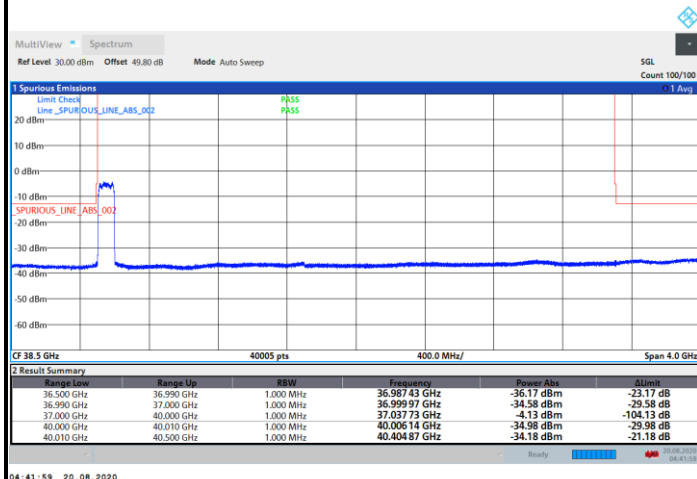


Highest Band Edge / Full RB

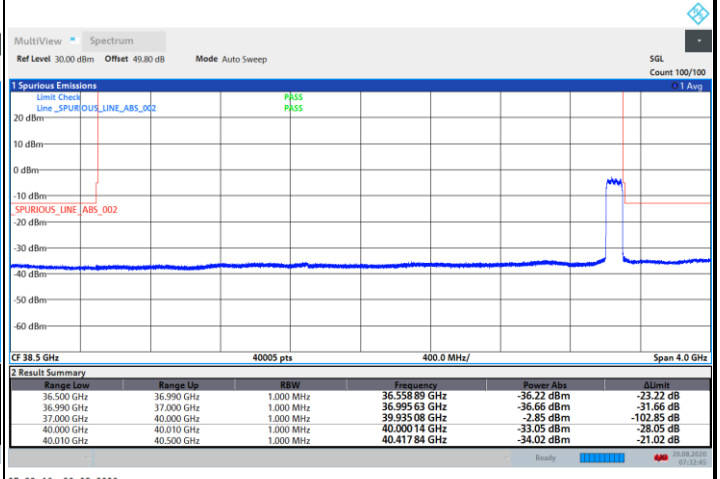


NR Band n260 / 100MHz / 64QAM

Lowest Band Edge / Full RB

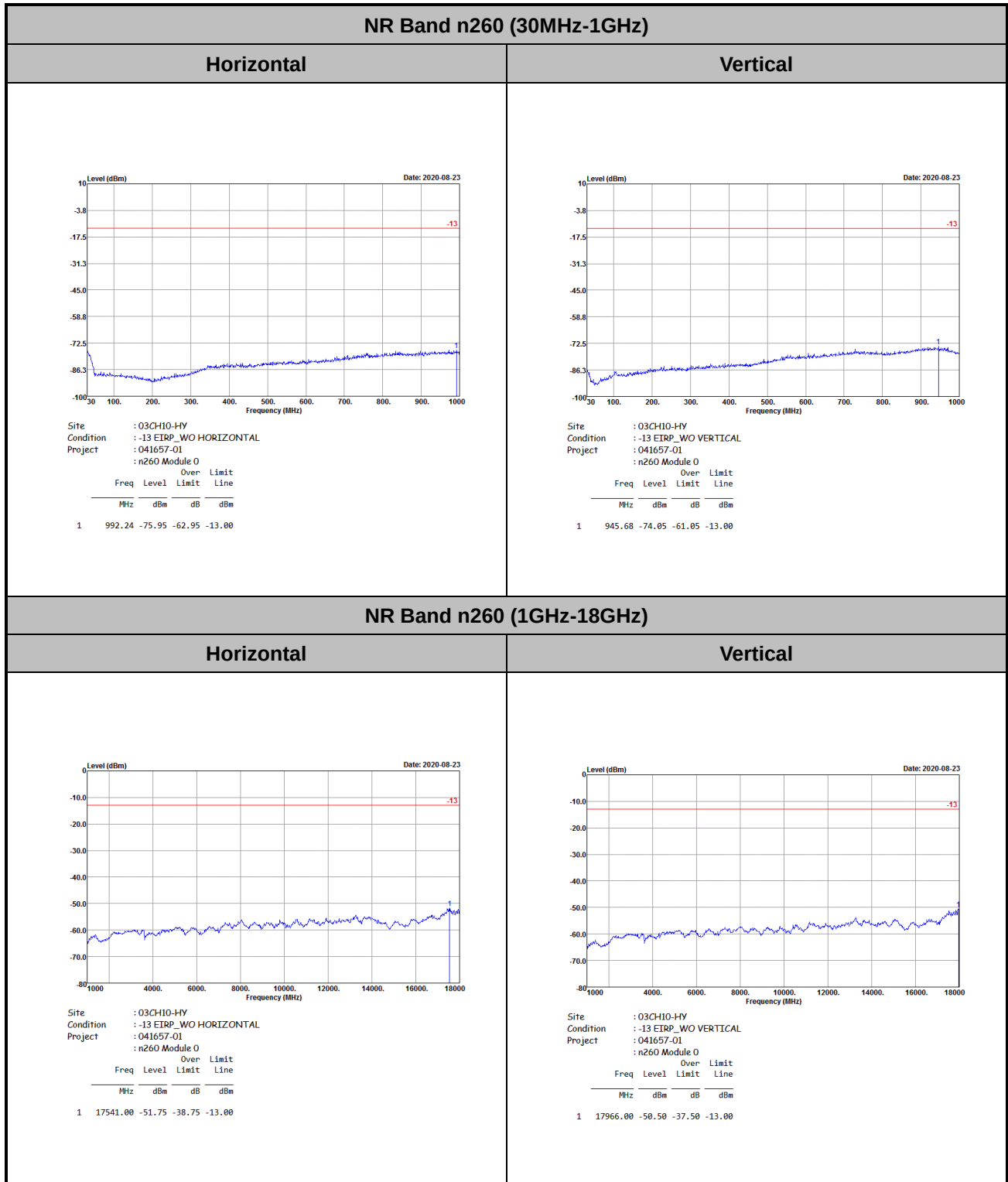


Highest Band Edge / Full RB



Spurious Emission

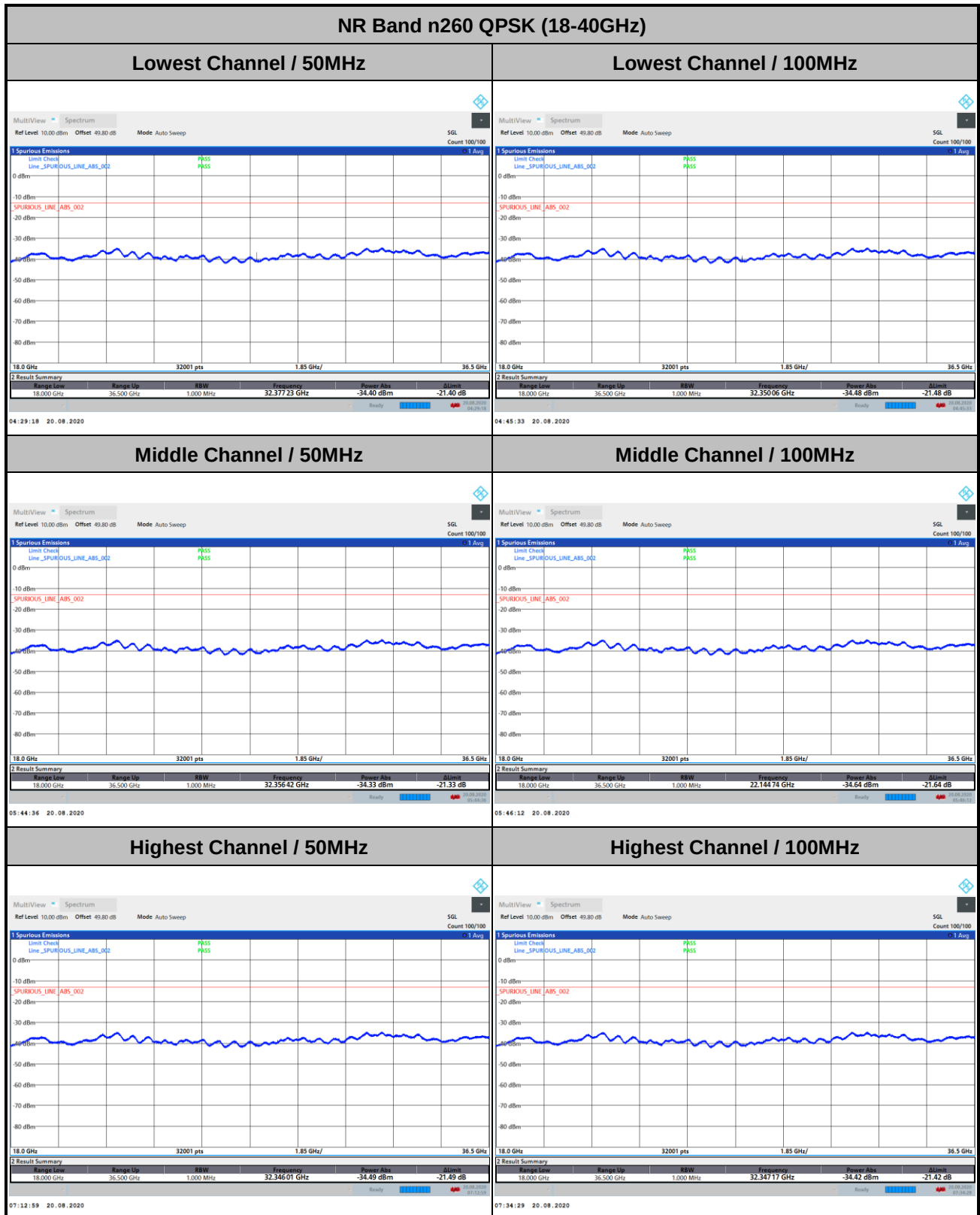
There is no significant spurious emission signal found for frequency started from 9kHz up to 18GHz.
Only the noise floor is reported.



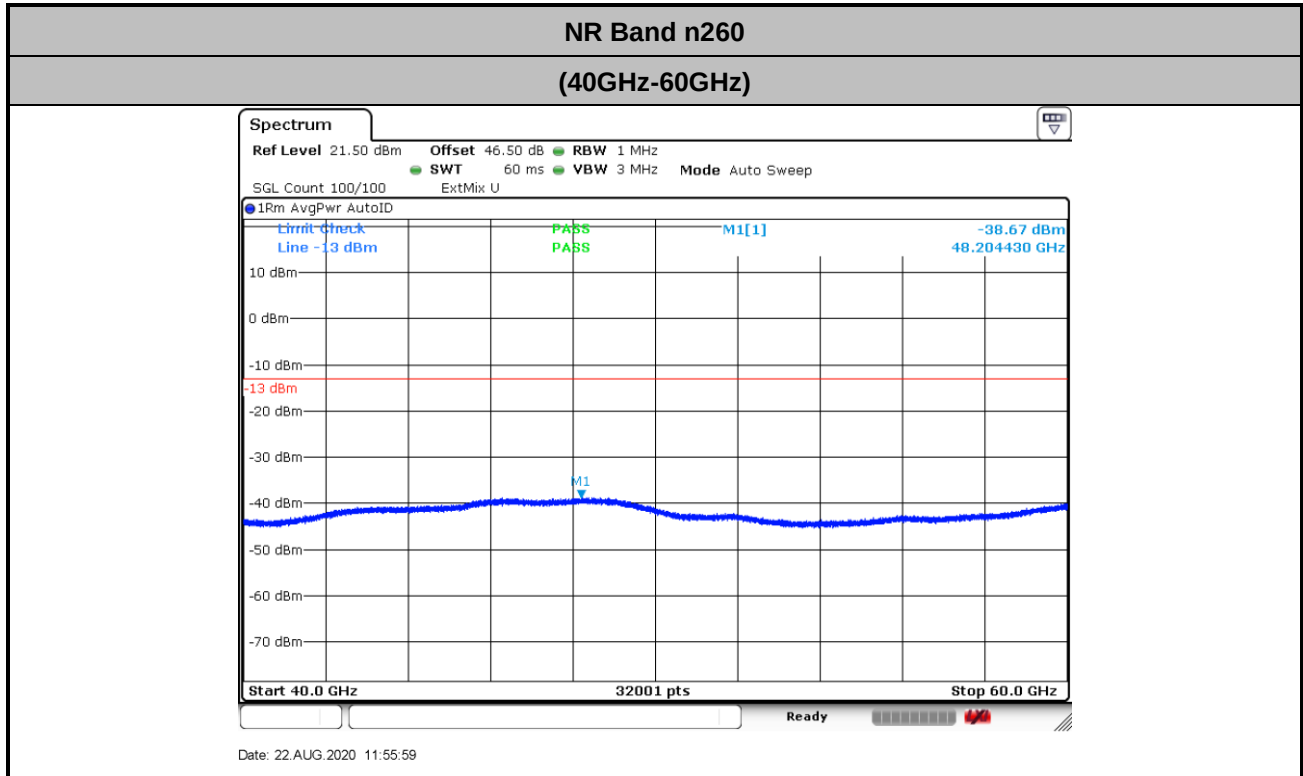


Spurious emission between 18GHz to 40GHz worst case plot is reported as following.

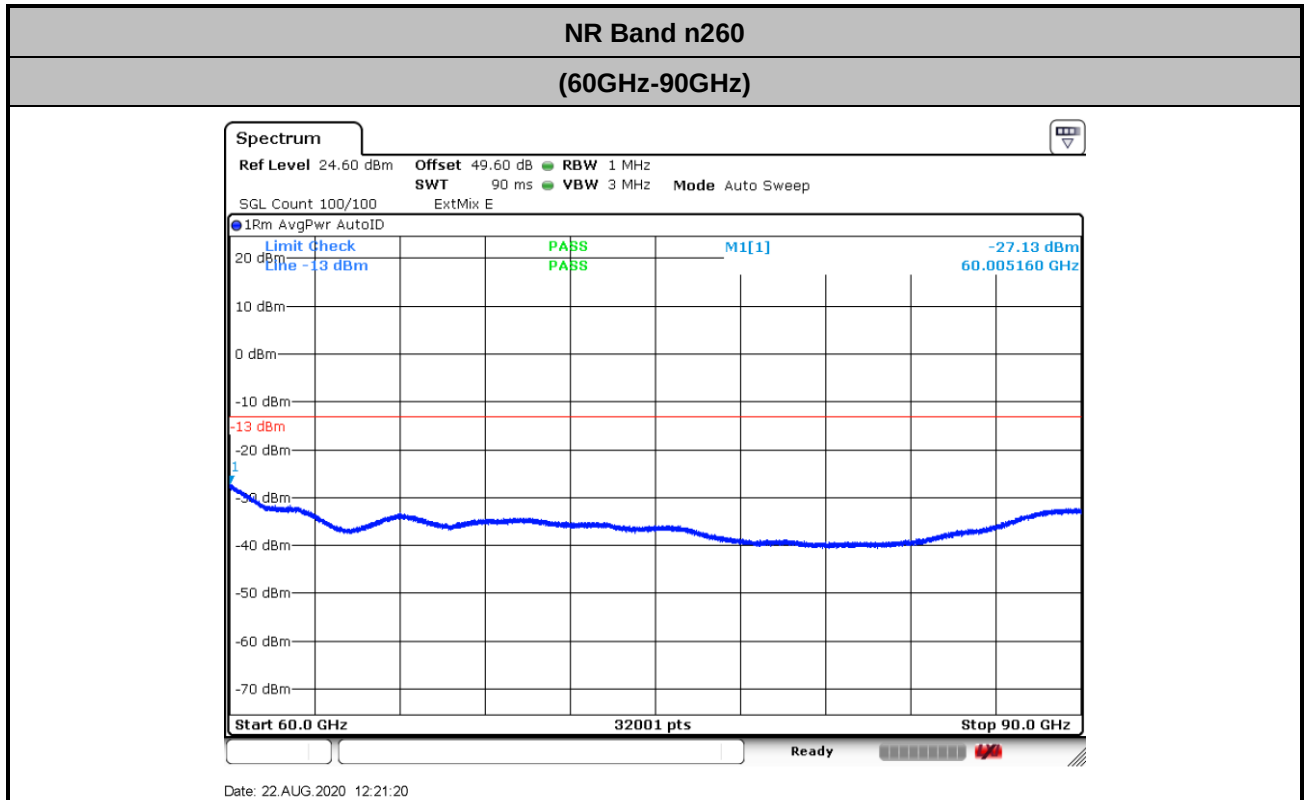
CP-OFDM Module 0



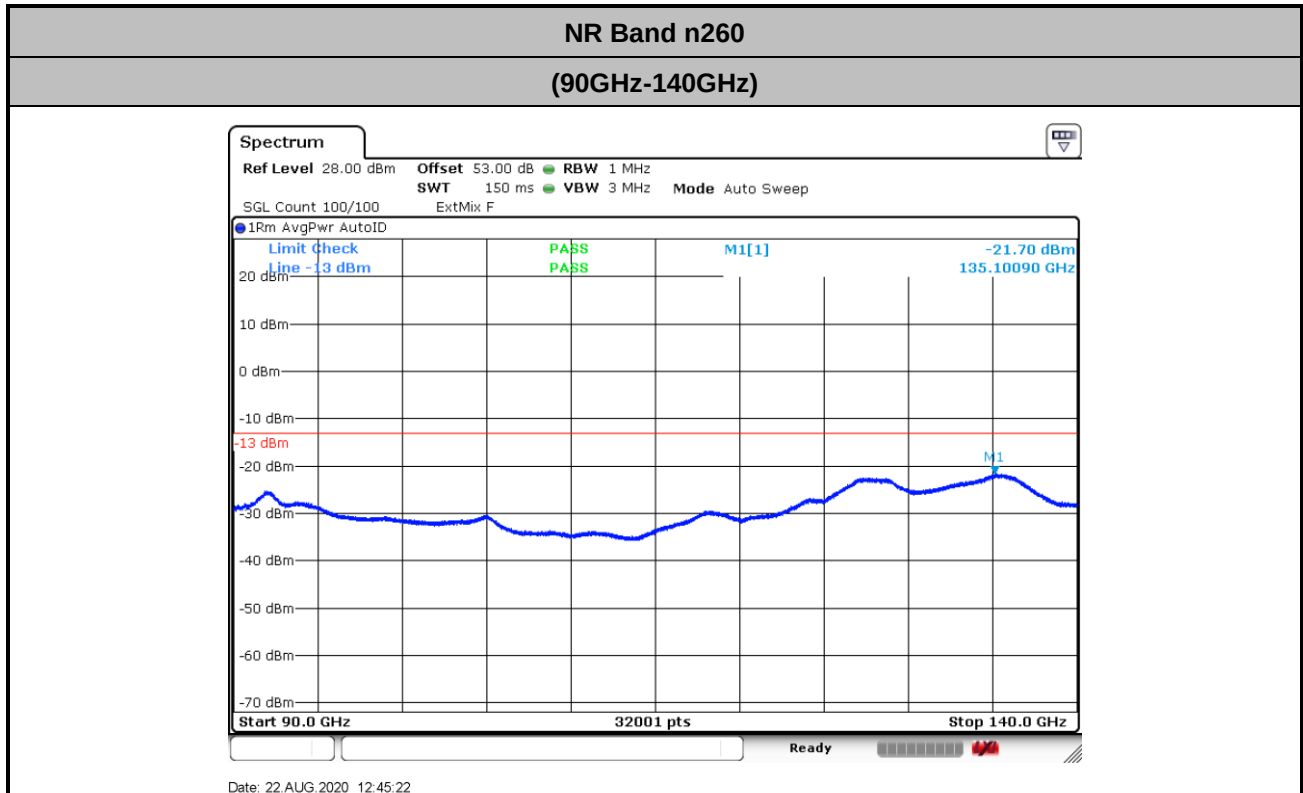
There is no significant spurious emission signal found for frequency started from 40GHz up to 200GHz. Only the noise floor is reported.



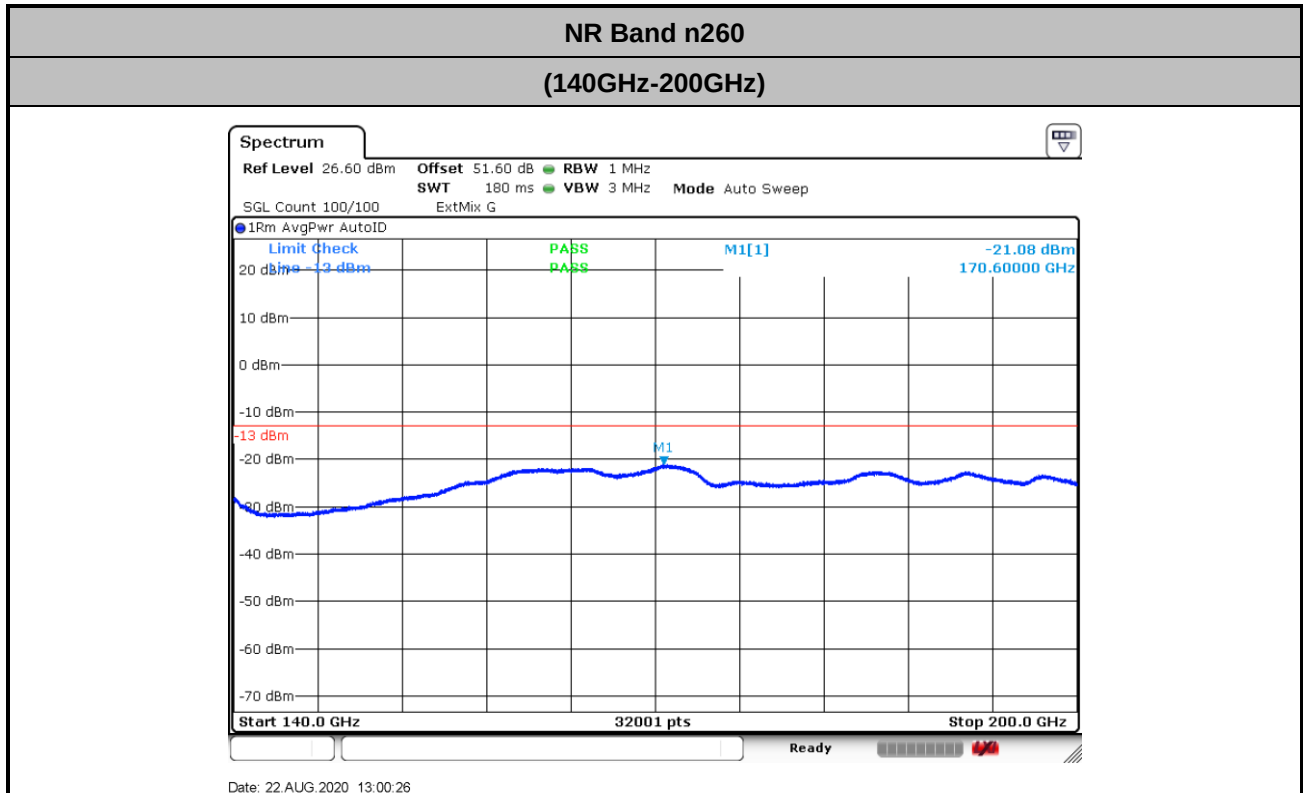
$$\begin{aligned} \text{Offset} &= \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 \\ &= 42.3 + 2 + 107 + 20\log(1) - 104.8 = 46.5 \text{ (dB)} \end{aligned}$$



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



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



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



NR Band n260 Module 1 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	45.13	45.12	45.54	45.29	90.13	90.42	90.73	90.20
Middle CH	45.38	44.97	45.34	45.26	90.36	90.45	90.18	90.39
Highest CH	45.24	45.11	45.08	45.03	90.40	90.48	90.17	90.46

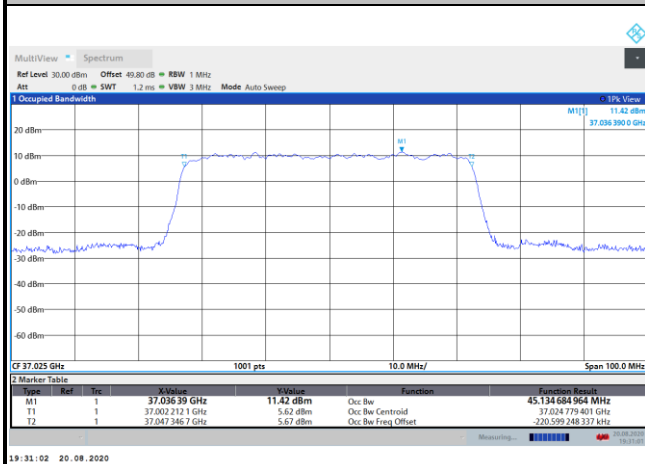
Mode	CP-OFDM Module 1 NR Band n260 : 99%OBW(MHz)					
BW	50MHz			100MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	45.34	45.28	45.49	92.54	92.47	92.74
Middle CH	45.12	45.20	45.36	92.62	92.71	92.72
Highest CH	45.32	45.32	45.36	92.66	92.78	92.83



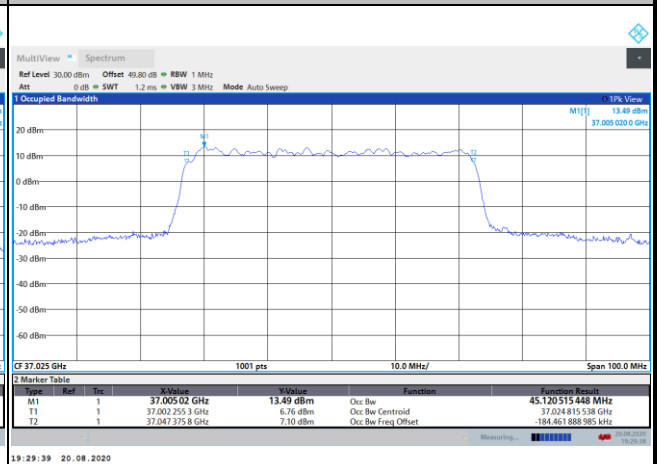
DFT-s-OFDM Module 1

NR Band n260

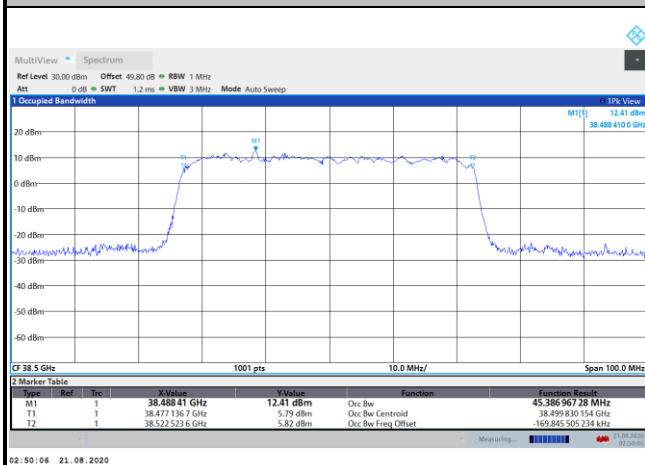
Lowest Channel / 50MHz / BPSK



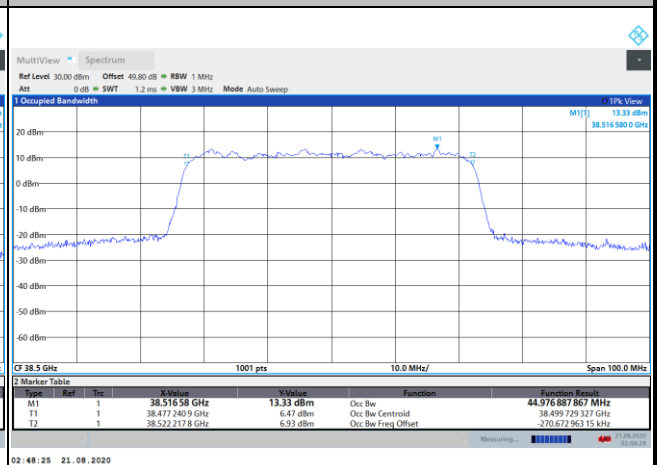
Lowest Channel / 50MHz / QPSK



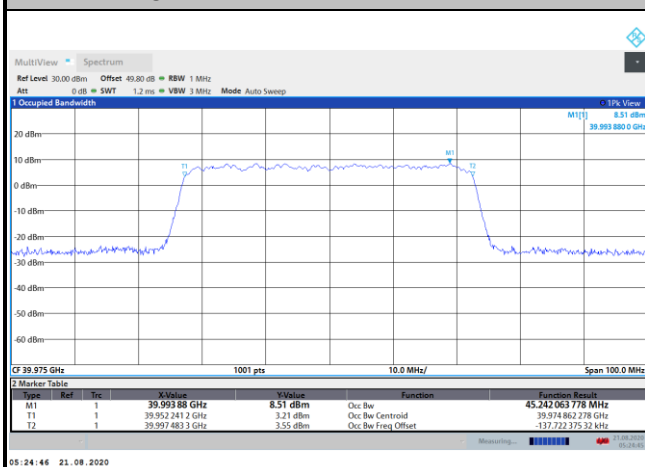
Middle Channel / 50MHz / BPSK



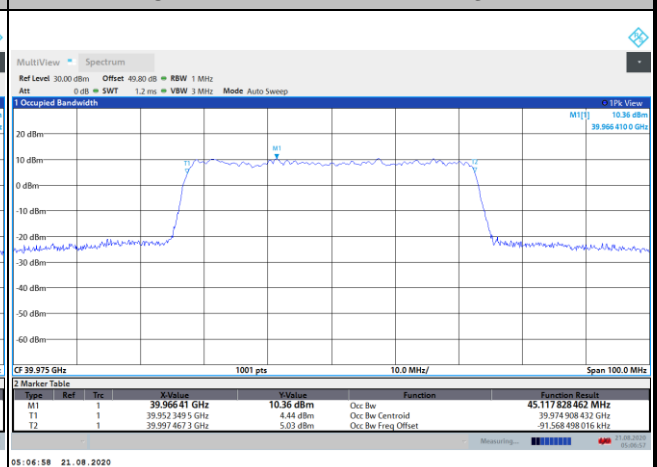
Middle Channel / 50MHz / QPSK



Highest Channel / 50MHz / BPSK

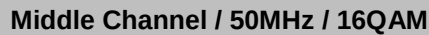


Highest Channel / 50MHz / QPSK





Lowest Channel / 50MHz / 16QAM

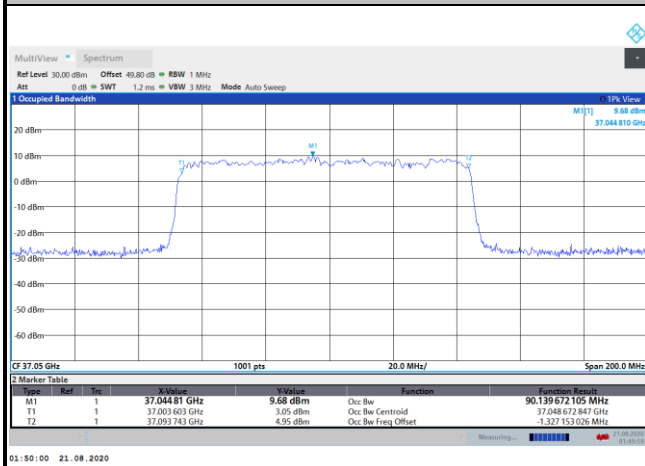




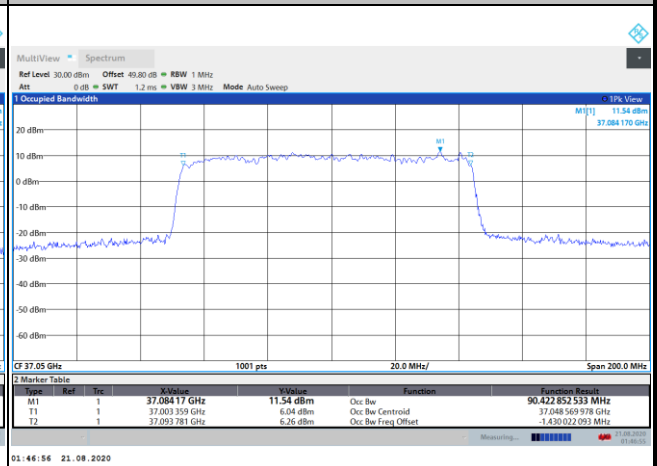
DFT-s-OFDM Module 1

NR Band n260

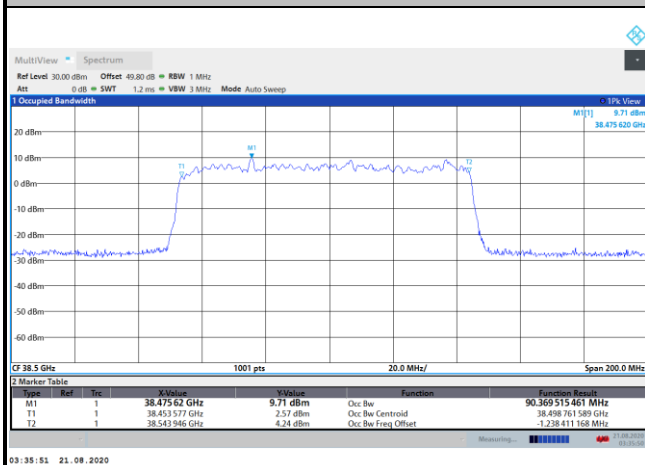
Lowest Channel / 100MHz / BPSK



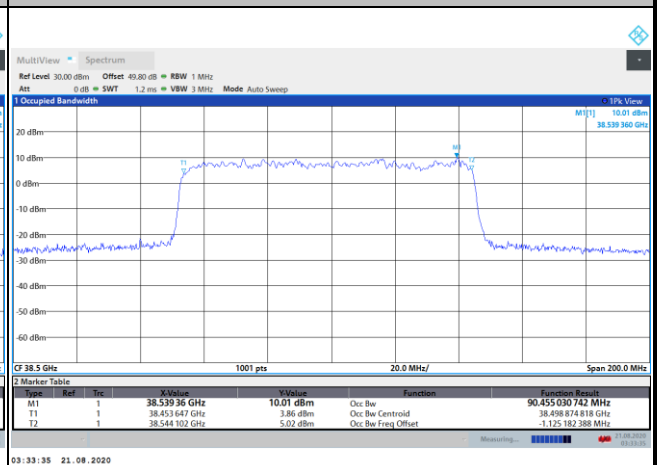
Lowest Channel / 100MHz / QPSK



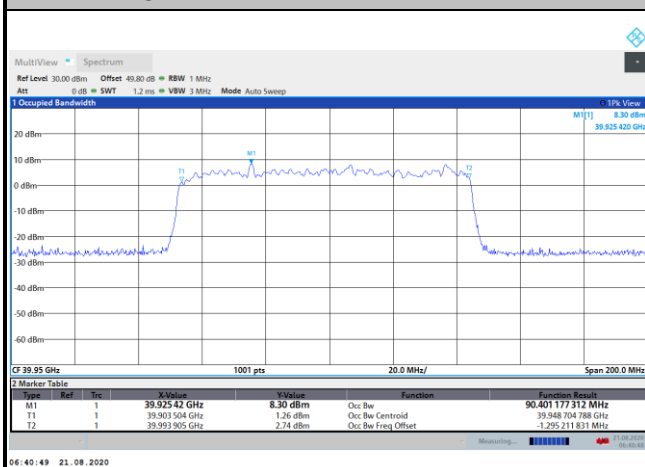
Middle Channel / 100MHz / BPSK



Middle Channel / 100MHz / QPSK



Highest Channel / 100MHz / BPSK



Highest Channel / 100MHz / QPSK

