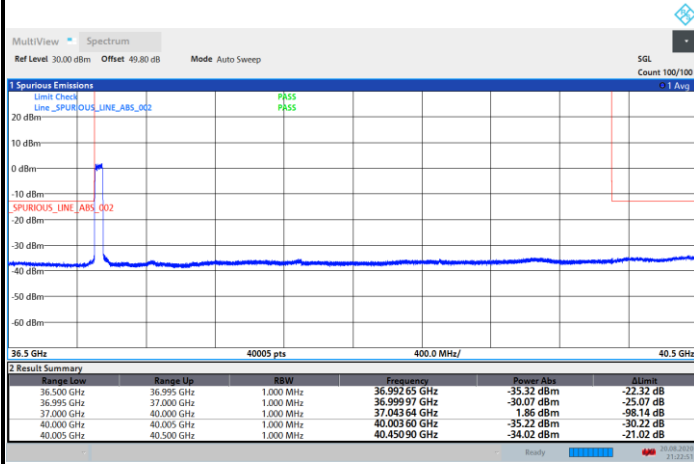




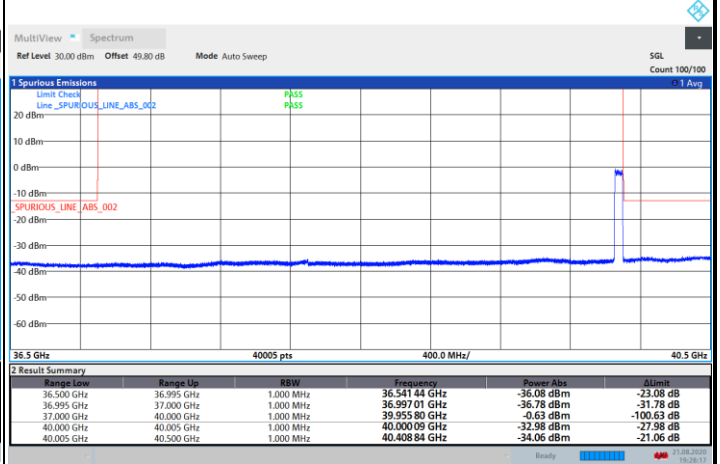
DFT-s-OFDM Module 1

NR Band n260 / 50MHz / BPSK

Lowest Band Edge / Full RB

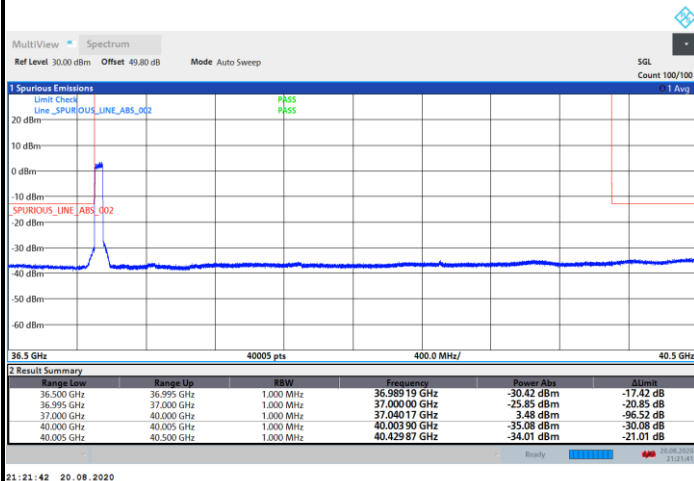


Highest Band Edge / Full RB

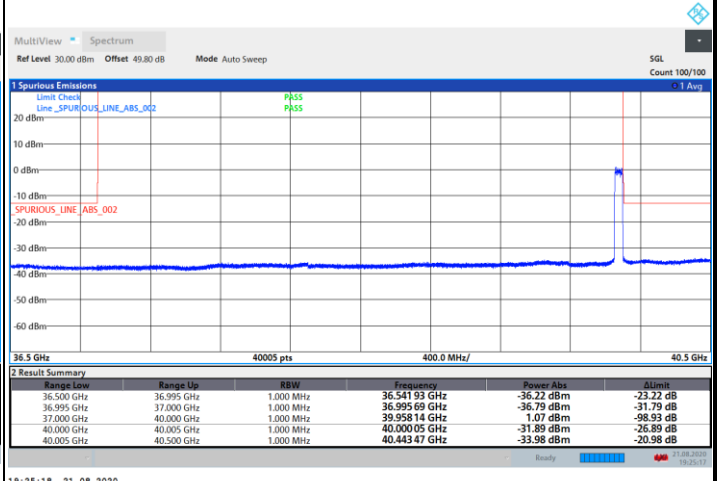


NR Band n260 / 50MHz / QPSK

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

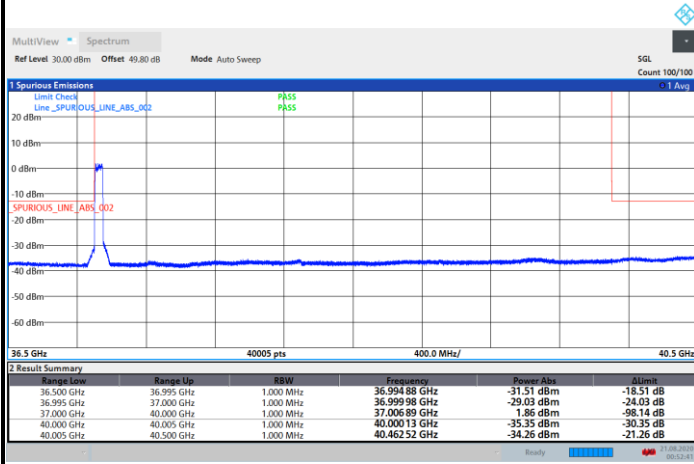




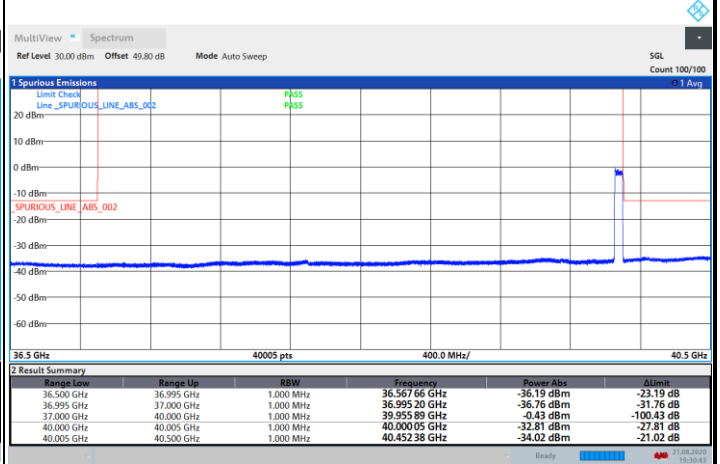
DFT-s-OFDM Module 1

NR Band n260 / 50MHz / 16QAM

Lowest Band Edge / Full RB

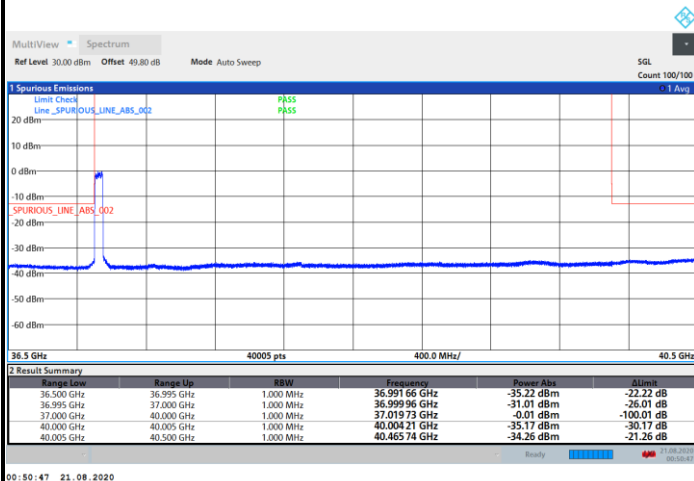


Highest Band Edge / Full RB

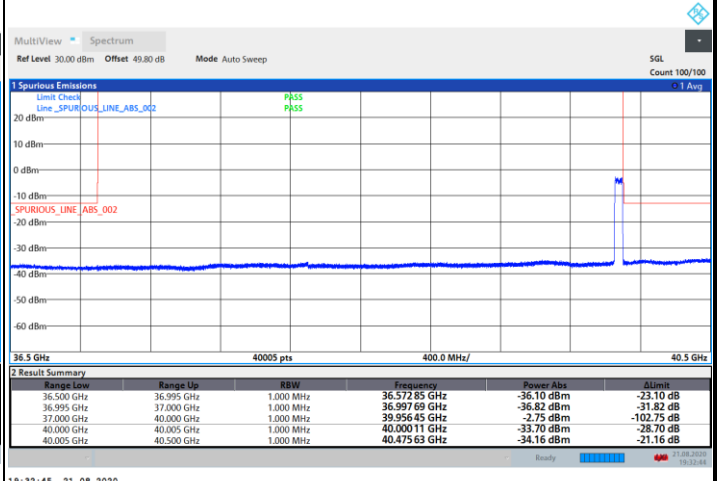


NR Band n260 / 50MHz / 64QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

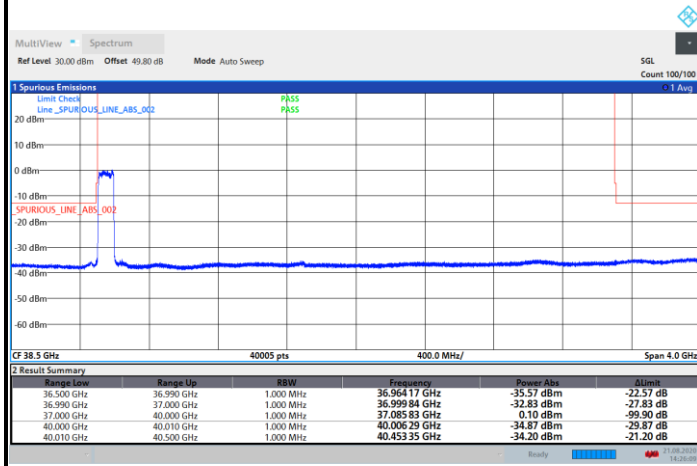




DFT-s-OFDM Module 1

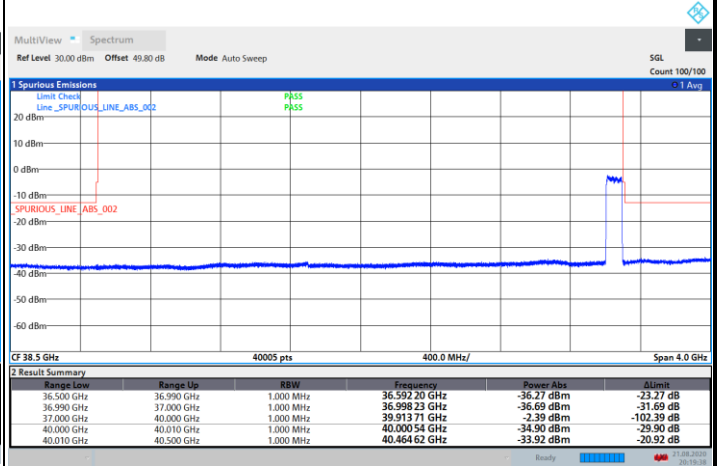
NR Band n260 / 100MHz / BPSK

Lowest Band Edge / Full RB



14:24:09 21.08.2020

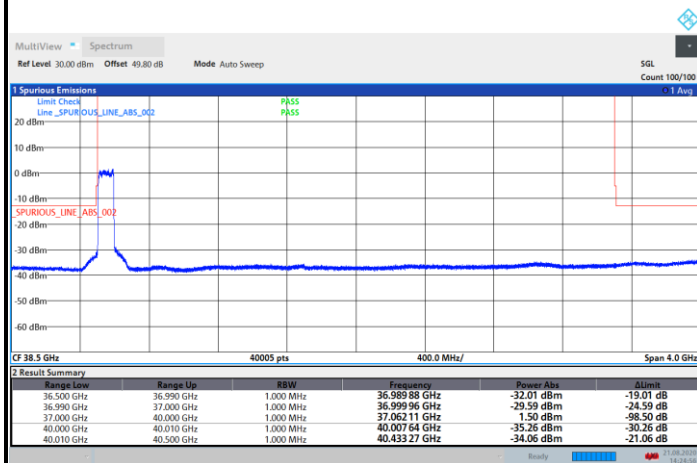
Highest Band Edge / Full RB



20:19:38 21.08.2020

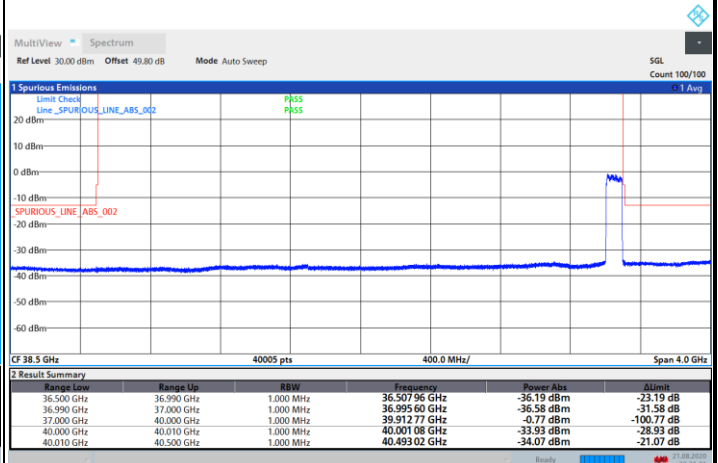
NR Band n260 / 100MHz / QPSK

Lowest Band Edge / Full RB



14:24:57 21.08.2020

Highest Band Edge / Full RB



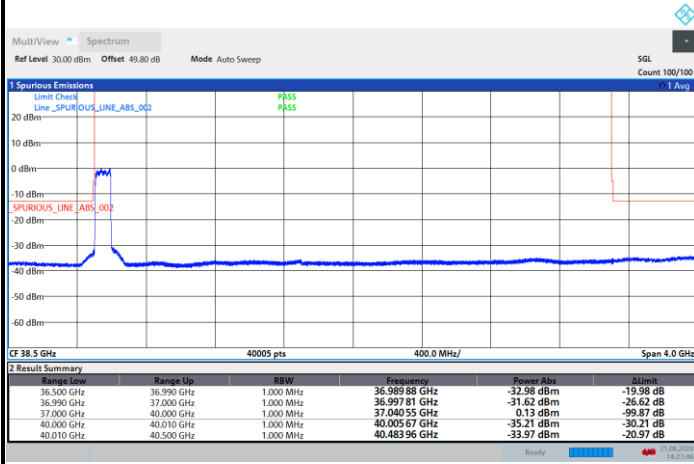
20:21:02 21.08.2020



DFT-s-OFDM Module 1

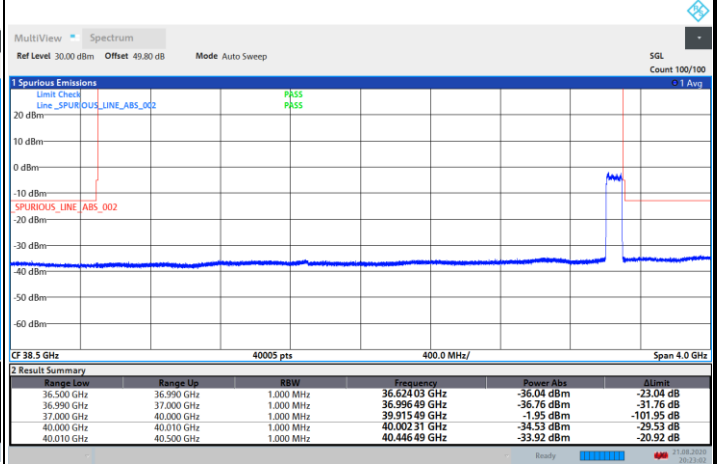
NR Band n260 / 100MHz / 16QAM

Lowest Band Edge / Full RB



14:27:47 21.08.2020

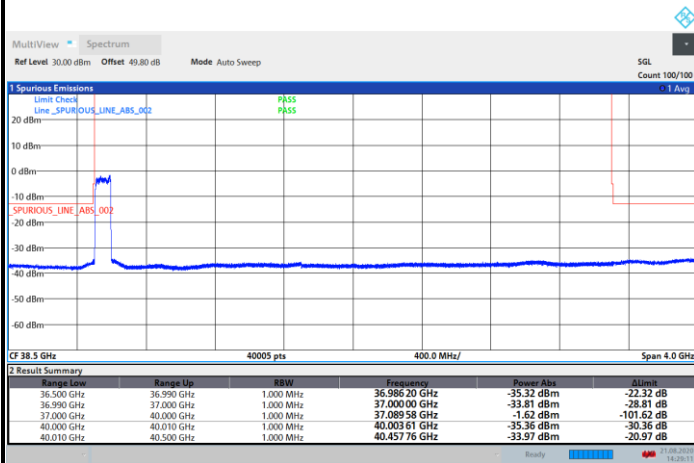
Highest Band Edge / Full RB



20:23:02 21.08.2020

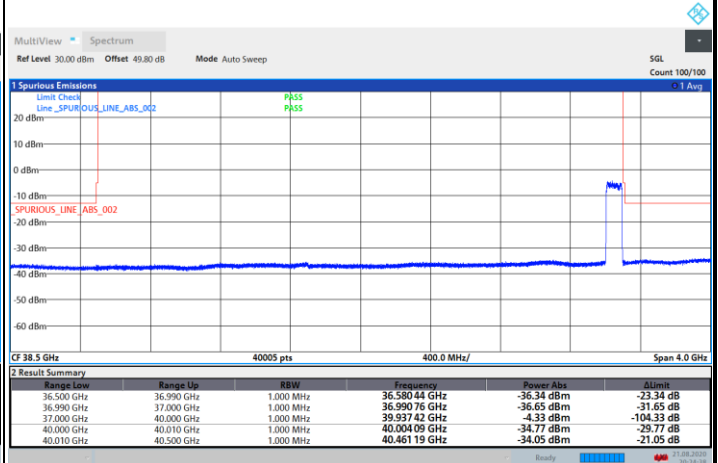
NR Band n260 / 100MHz / 64QAM

Lowest Band Edge / Full RB



14:29:11 21.08.2020

Highest Band Edge / Full RB



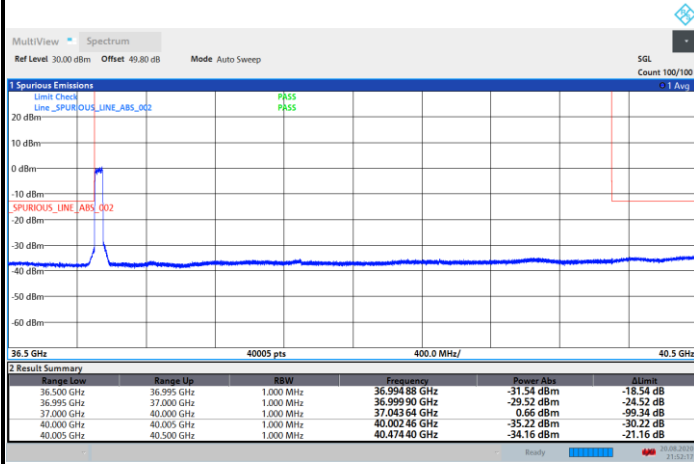
20:24:39 21.08.2020



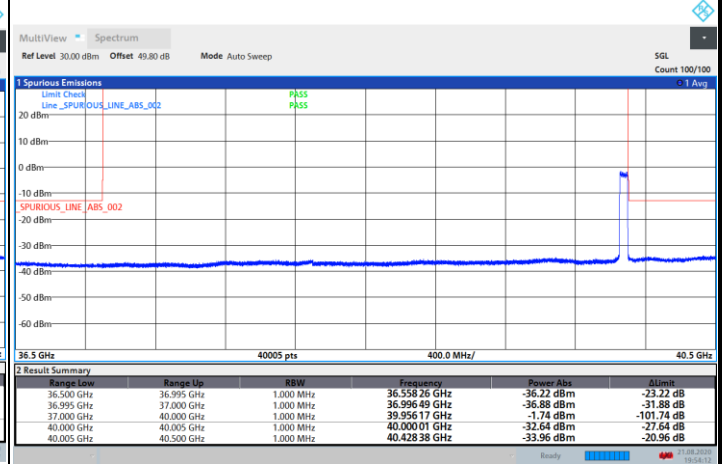
CP-OFDM Module 1

NR Band n260 / 50MHz / QPSK

Lowest Band Edge / Full RB

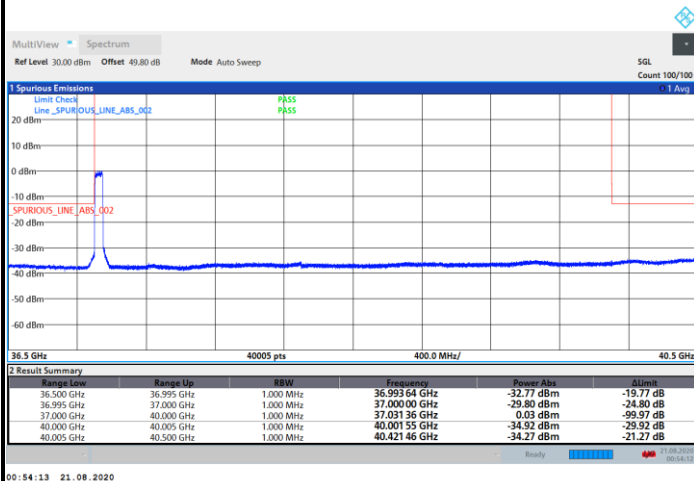


Highest Band Edge / Full RB

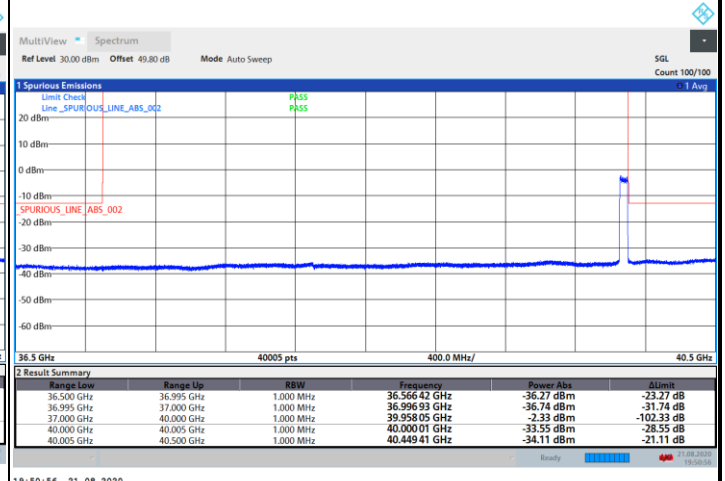


NR Band n260 / 50MHz / 16QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

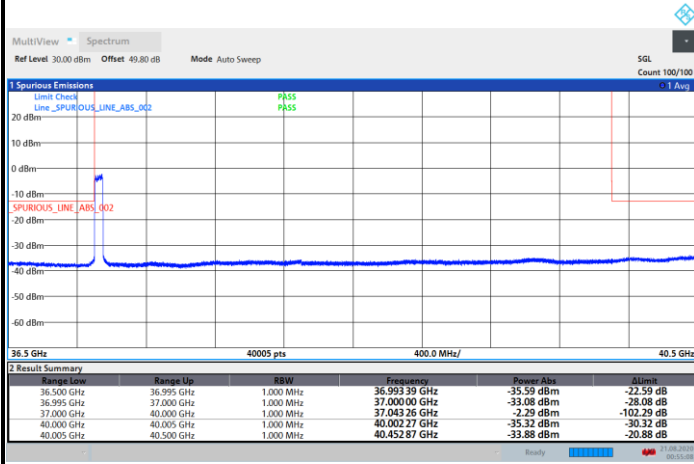




CP-OFDM Module 1

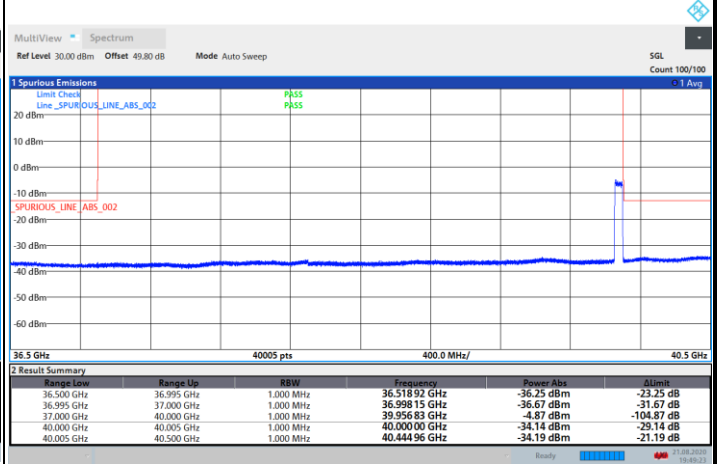
NR Band n260 / 50MHz / 64QAM

Lowest Band Edge / Full RB



00:55:08 21.08.2020

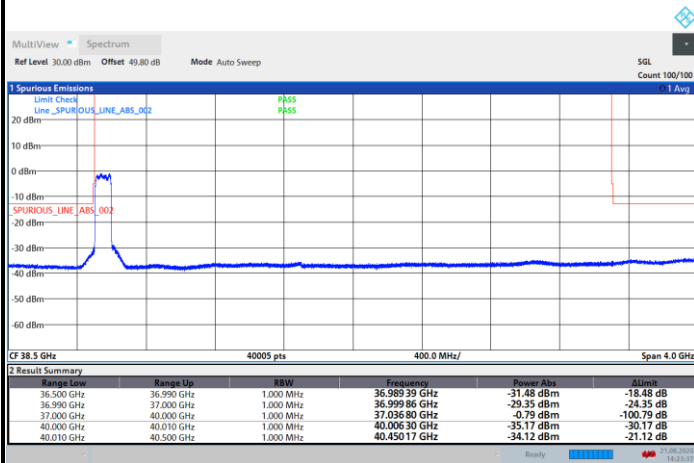
Highest Band Edge / Full RB



19:49:24 21.08.2020

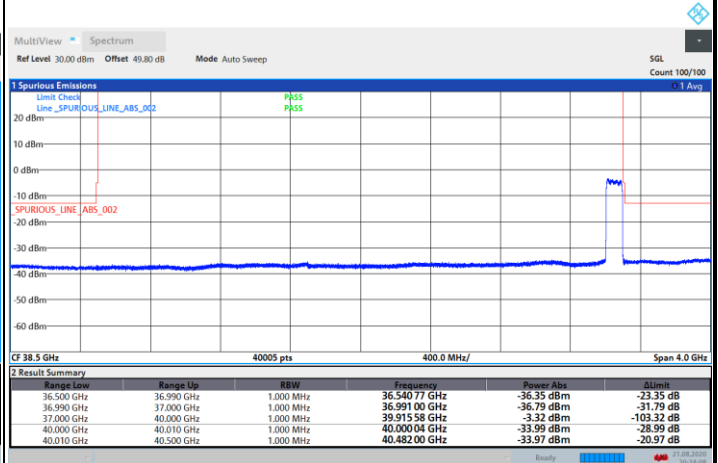
NR Band n260 / 100MHz / QPSK

Lowest Band Edge / Full RB



14:23:37 21.08.2020

Highest Band Edge / Full RB



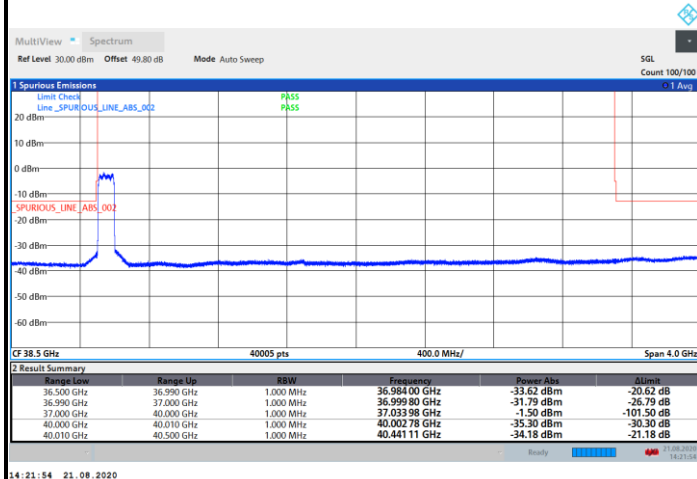
20:34:08 21.08.2020



CP-OFDM Module 1

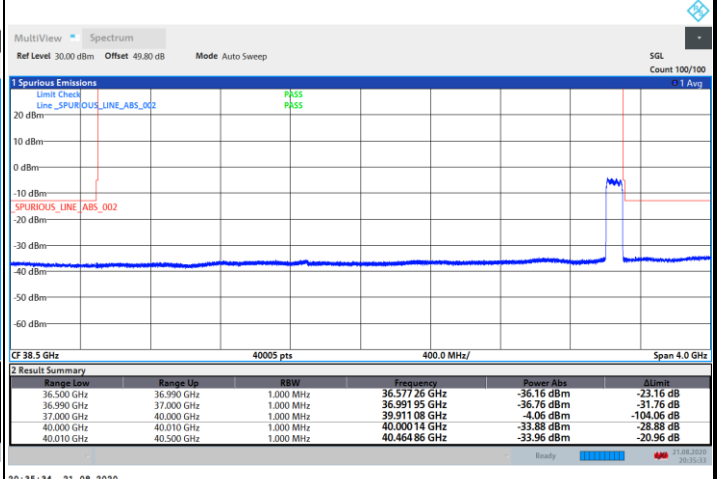
NR Band n260 / 100MHz / 16QAM

Lowest Band Edge / Full RB



14:21:14 21.08.2020

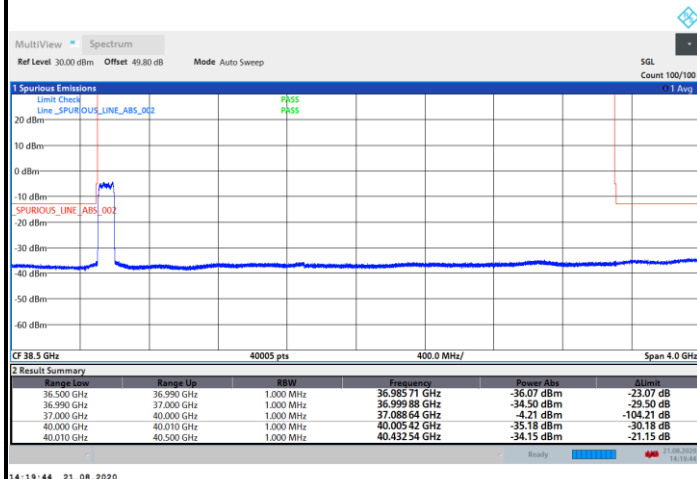
Highest Band Edge / Full RB



20:35:14 21.08.2020

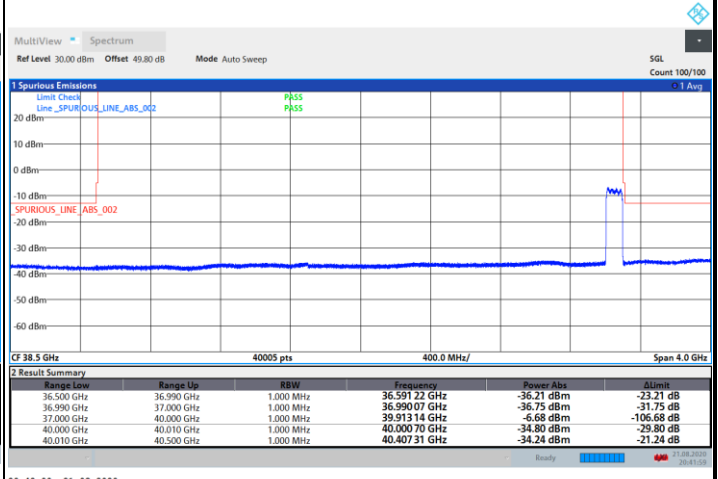
NR Band n260 / 100MHz / 64QAM

Lowest Band Edge / Full RB



14:19:44 21.08.2020

Highest Band Edge / Full RB



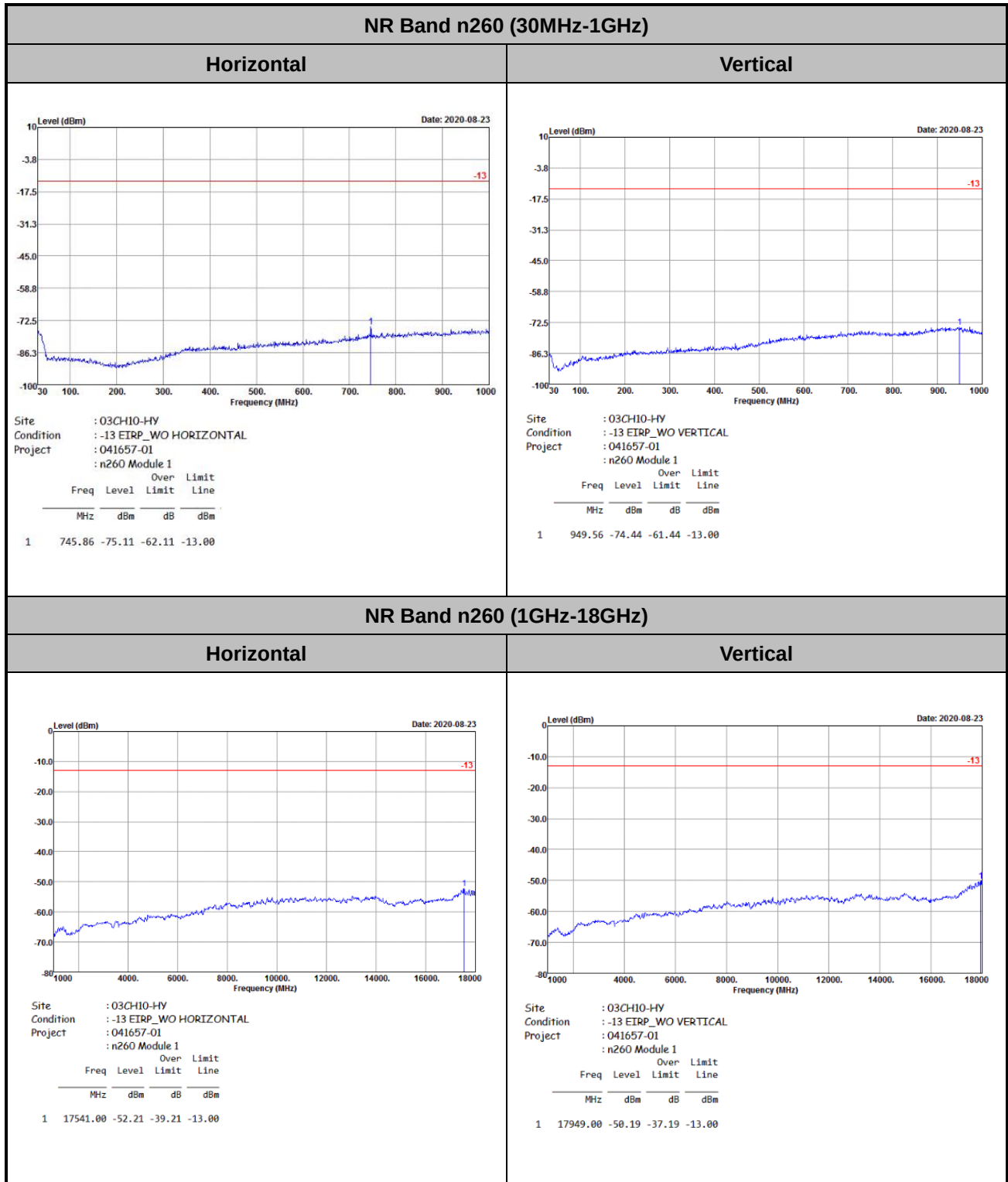
20:42:00 21.08.2020



Spurious Emission

There is no significant spurious emission signal found for frequency started from 30MHz up to 18GHz.

Only the noise floor is reported.





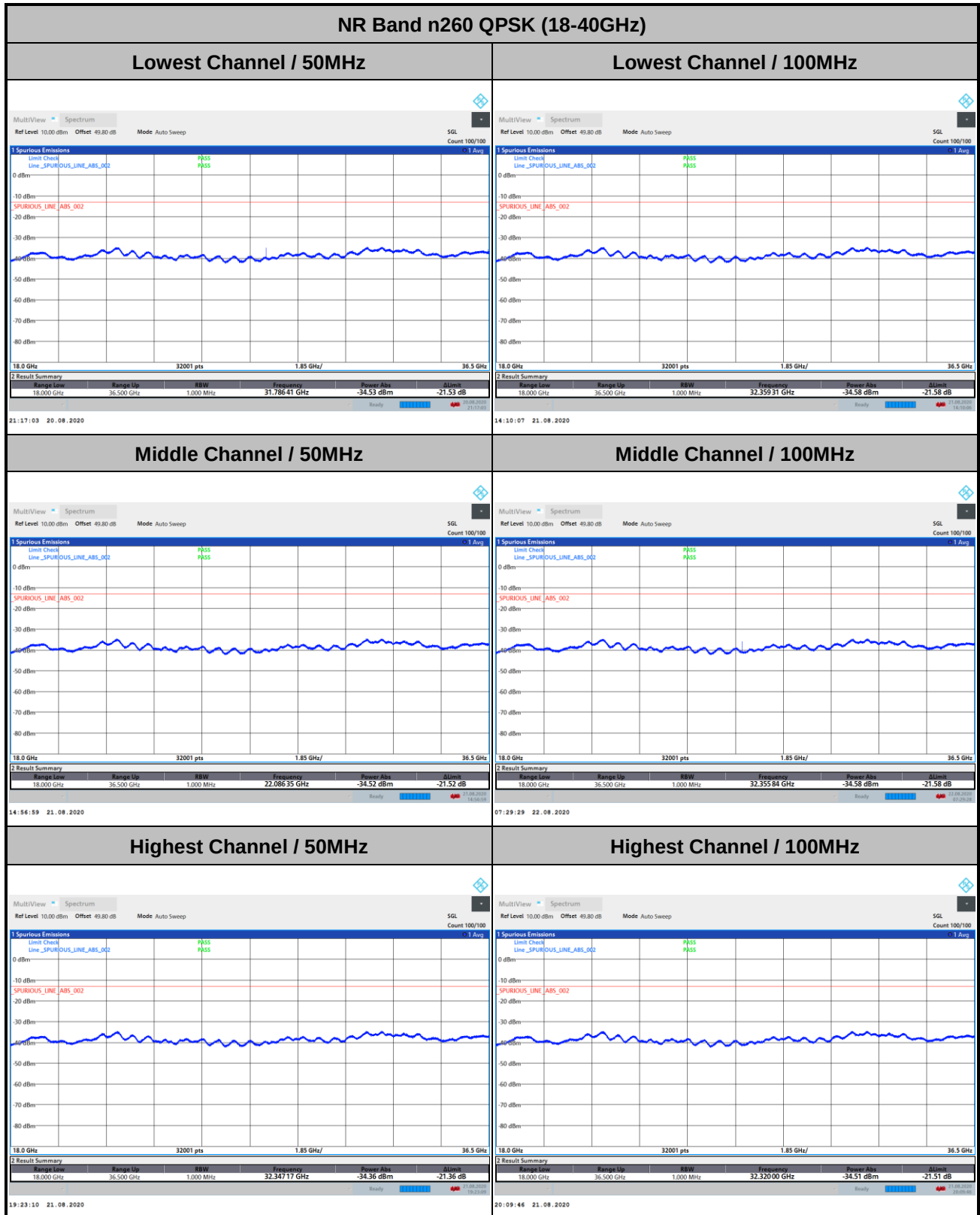
Spurious emission between 18GHz to 40GHz worst case plot is reported as following.

DFT-s-OFDM Module 1



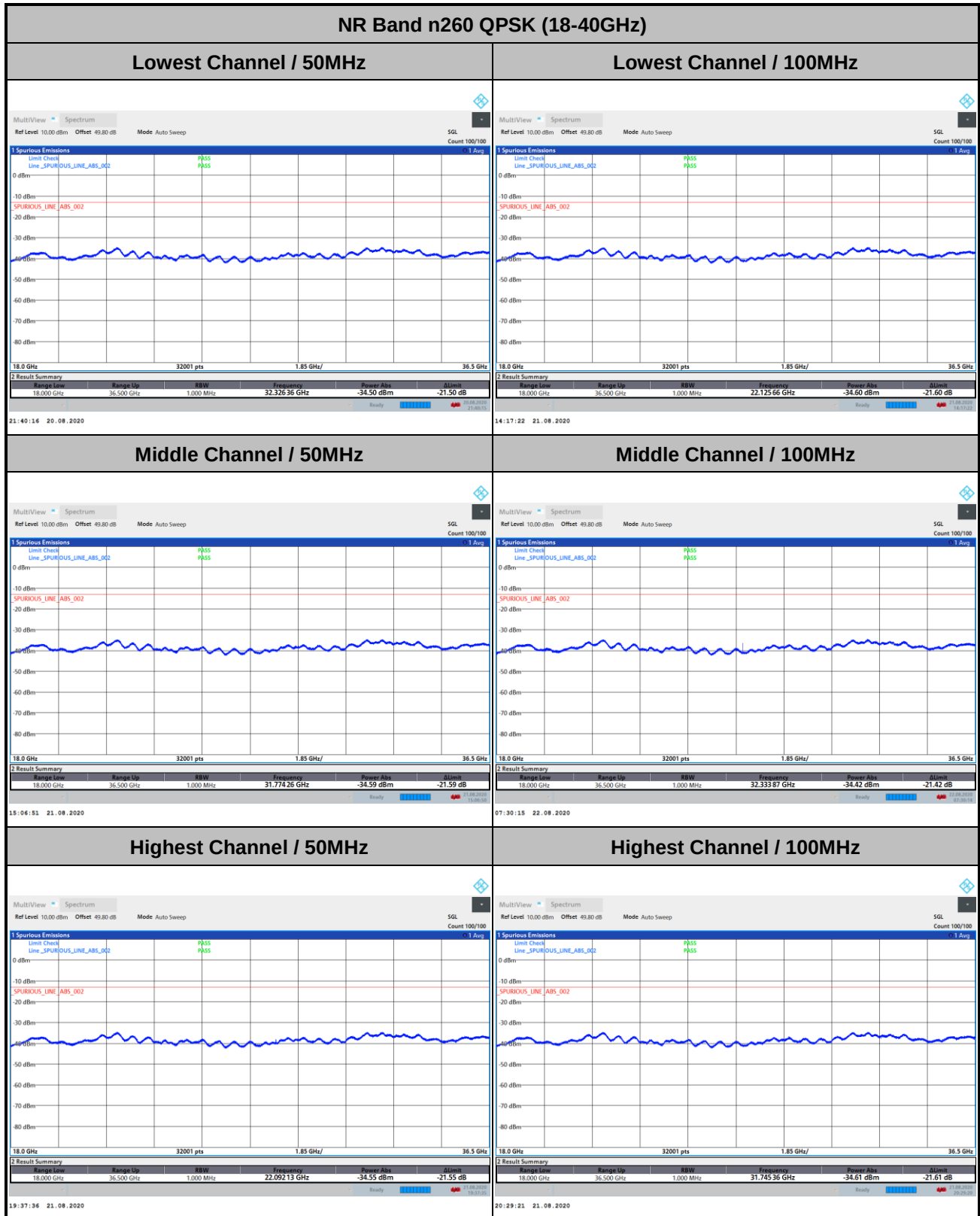


DFT-s-OFDM Module 1

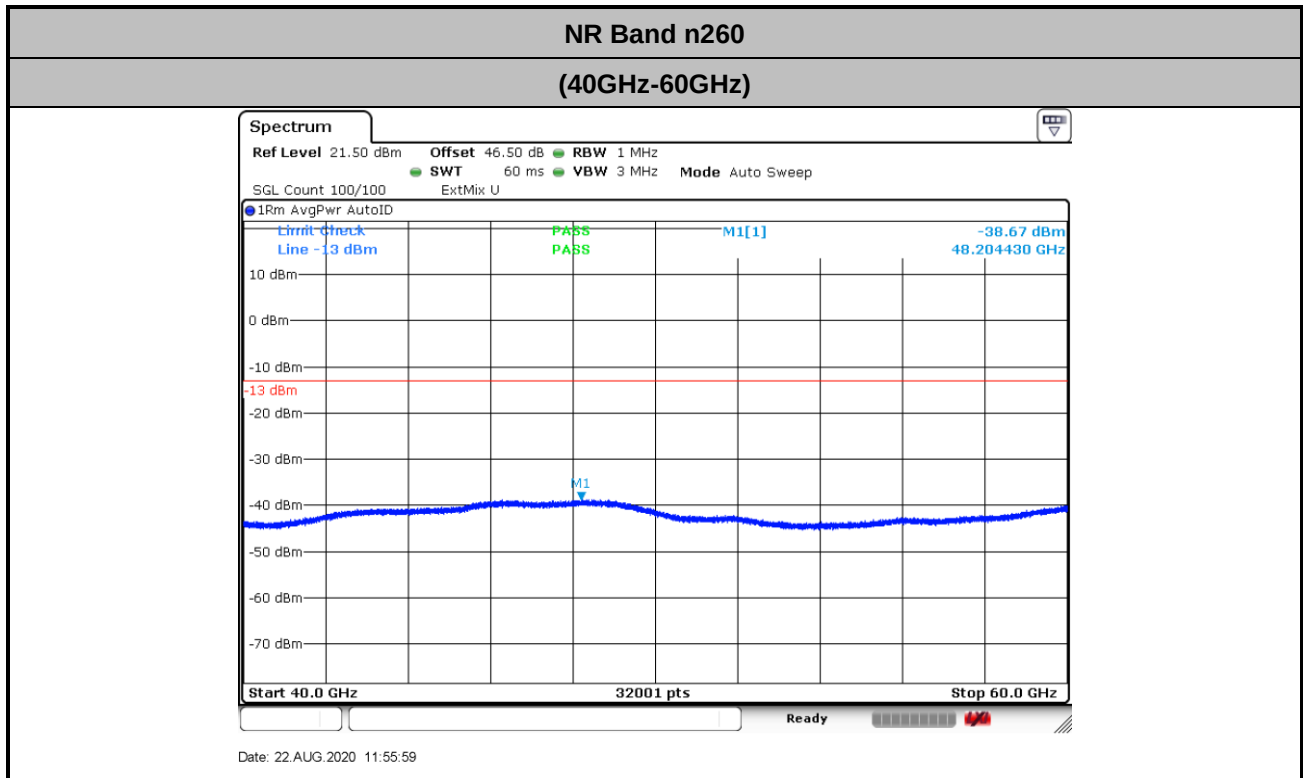




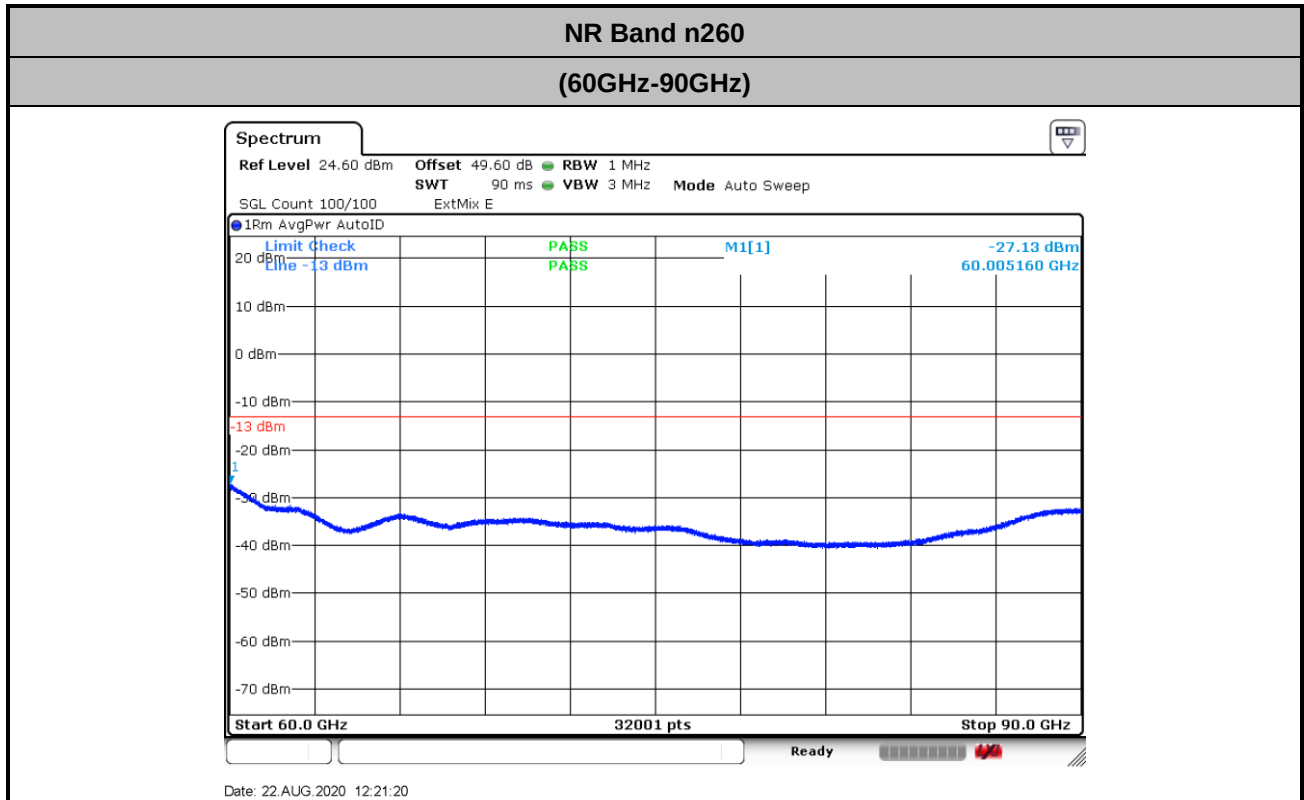
CP-OFDM Module 1



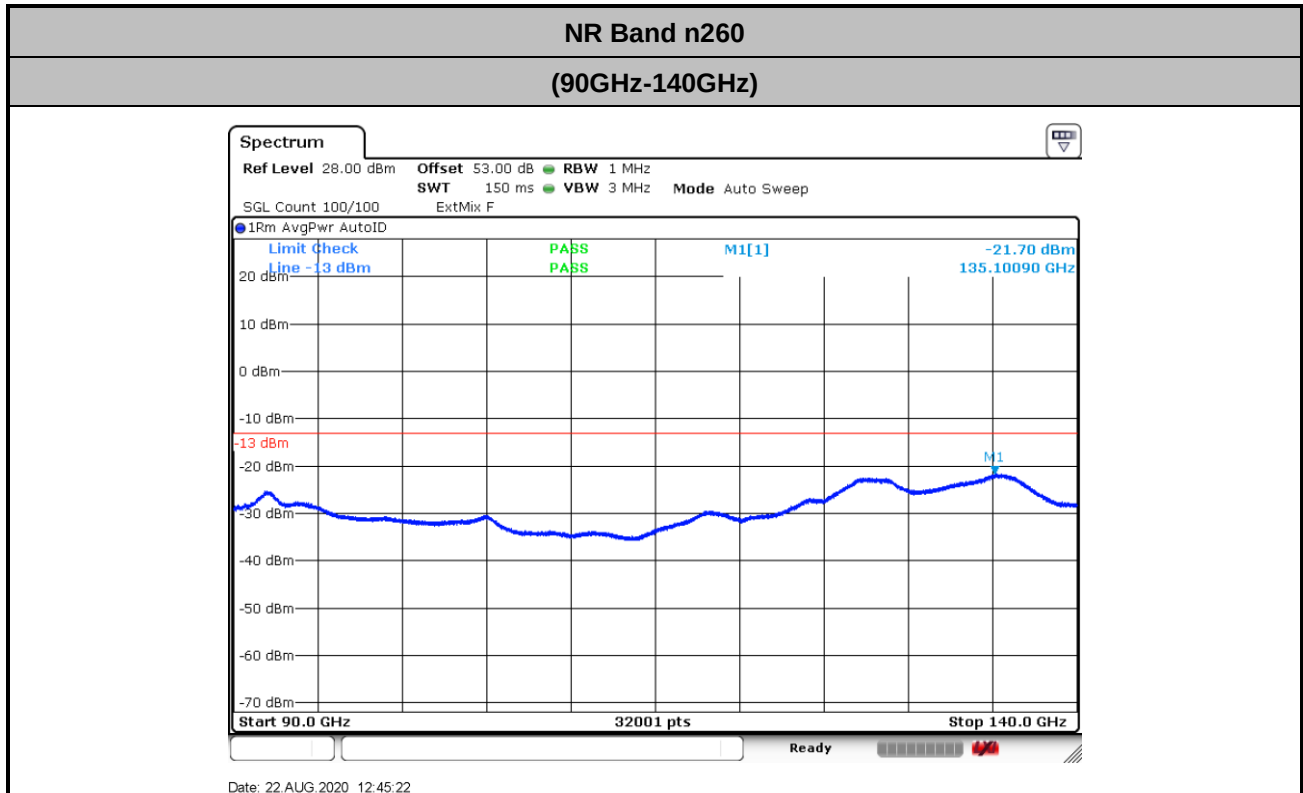
There is no significant spurious emission signal found for frequency started from 40GHz up to 200GHz. Only the noise floor is reported.



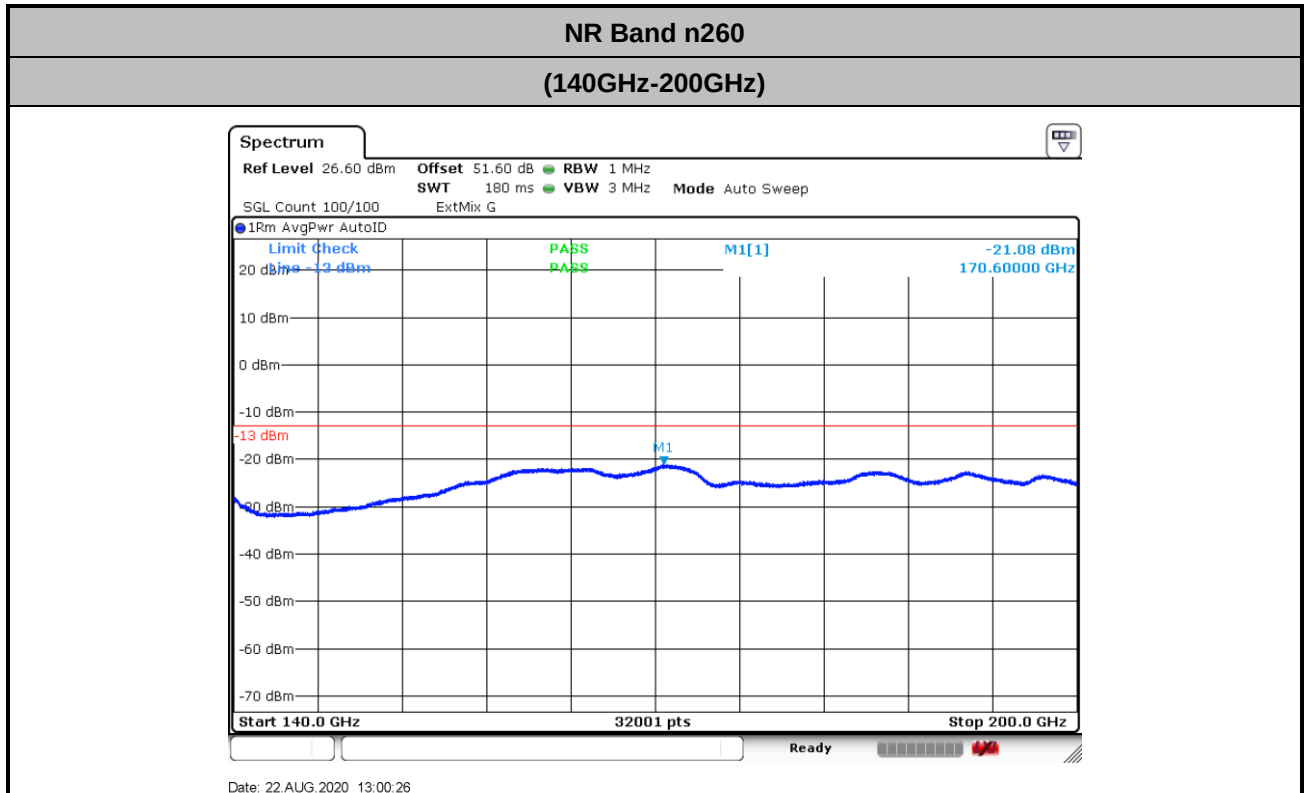
$$\begin{aligned} \text{Offset} &= \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 \\ &= 42.3 + 2 + 107 + 20\log(1) - 104.8 = 46.5 \text{ (dB)} \end{aligned}$$



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



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



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



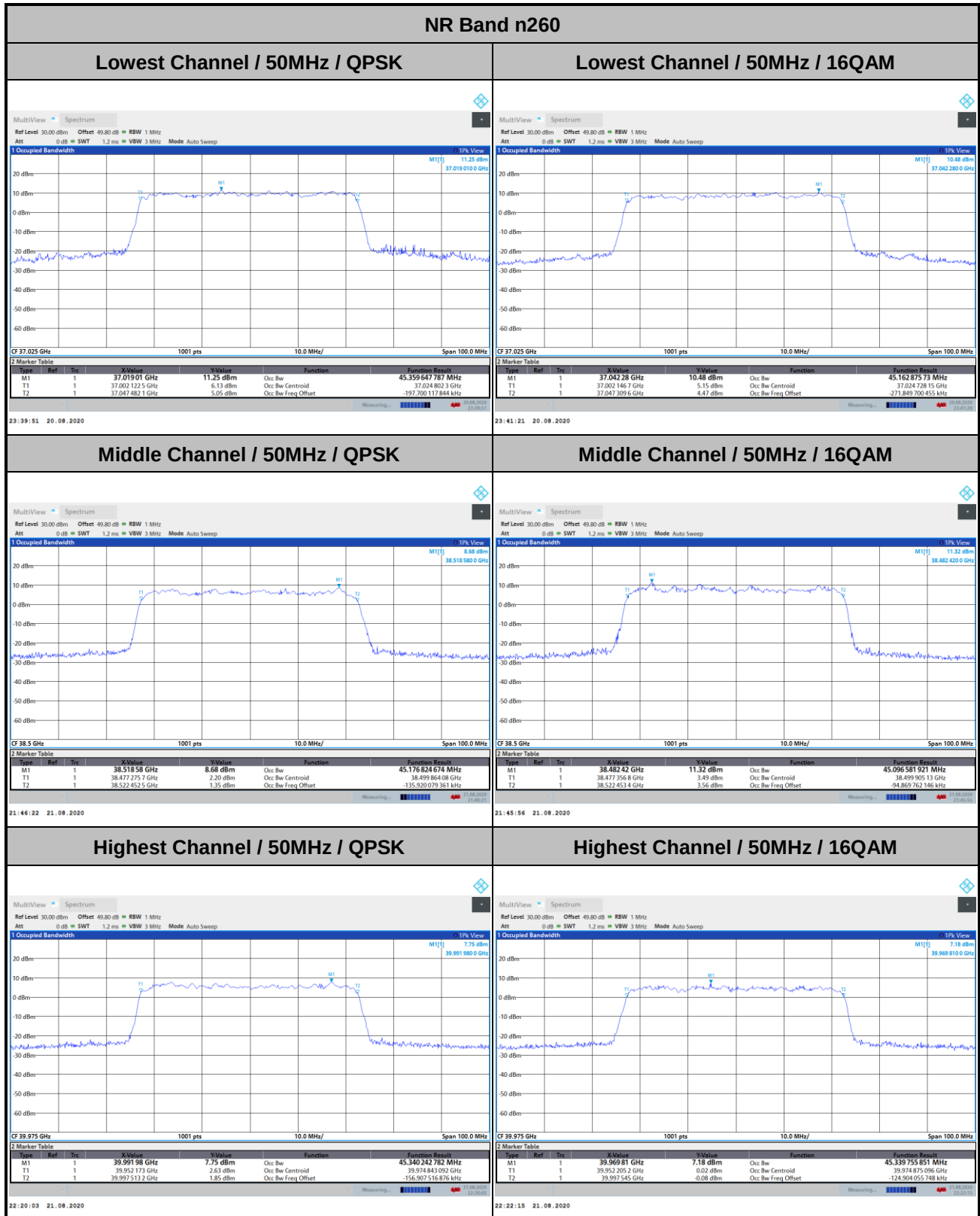
NR Band n260 Module 1 AG0+1

Occupied Bandwidth

Mode	CP-OFDM Module 1 NR Band n260 : 99%OBW(MHz)					
BW	50MHz			100MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	45.35	45.16	45.16	93.10	92.58	92.91
Middle CH	45.17	45.09	45.51	92.63	92.91	92.50
Highest CH	45.34	45.33	45.43	93.15	93.10	93.18

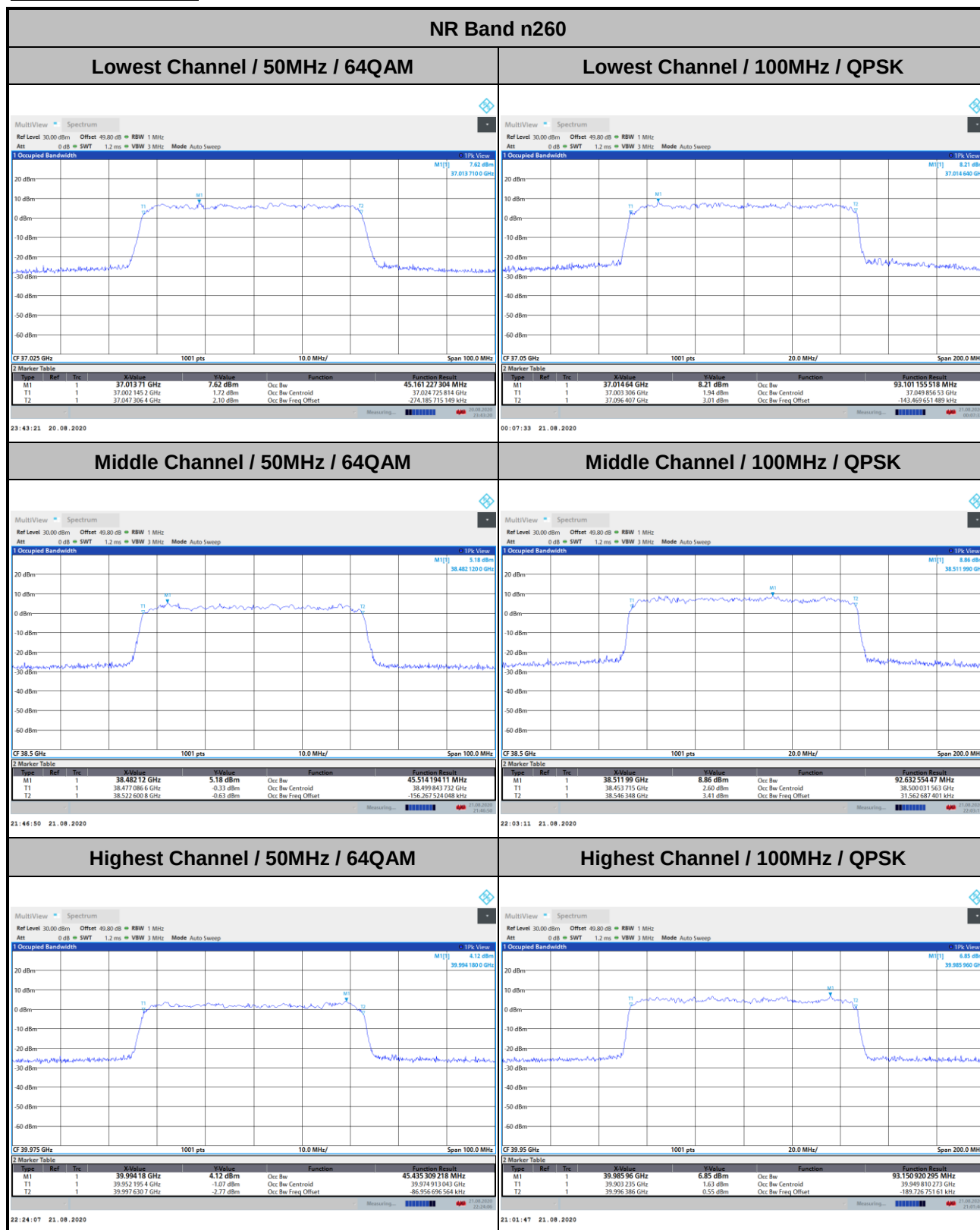


CP-OFDM Module 1





CP-OFDM Module 1

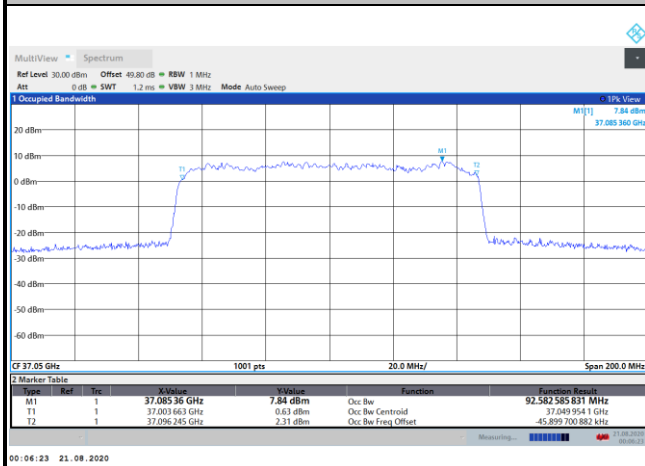




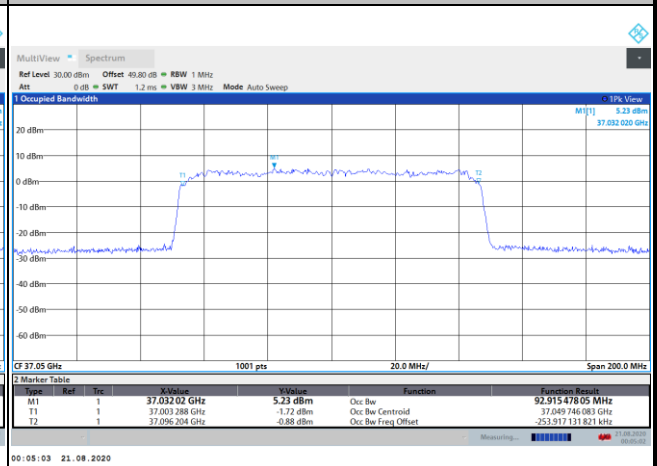
CP-OFDM Module 1

NR Band n260

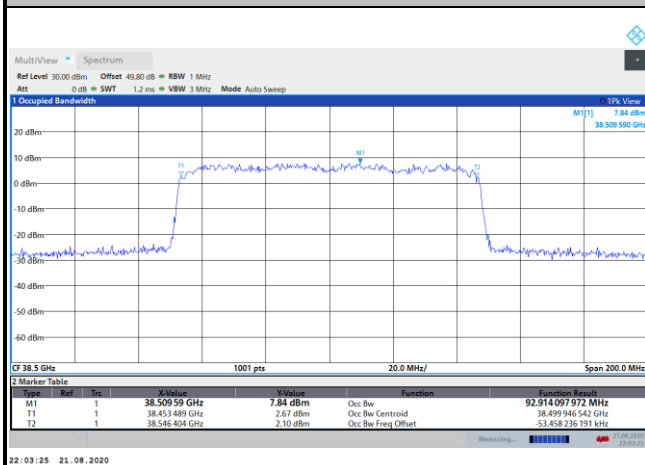
Lowest Channel / 100MHz / 16QAM



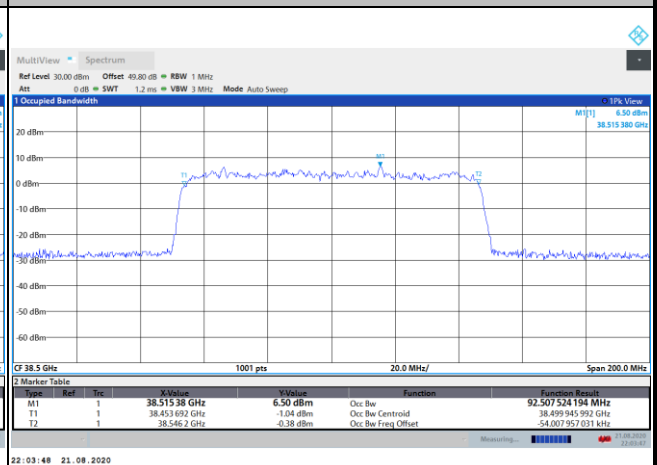
Lowest Channel / 100MHz / 64QAM



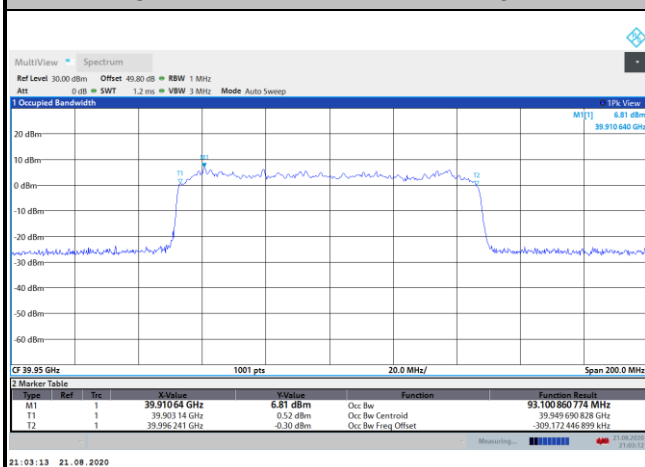
Middle Channel / 100MHz / 16QAM



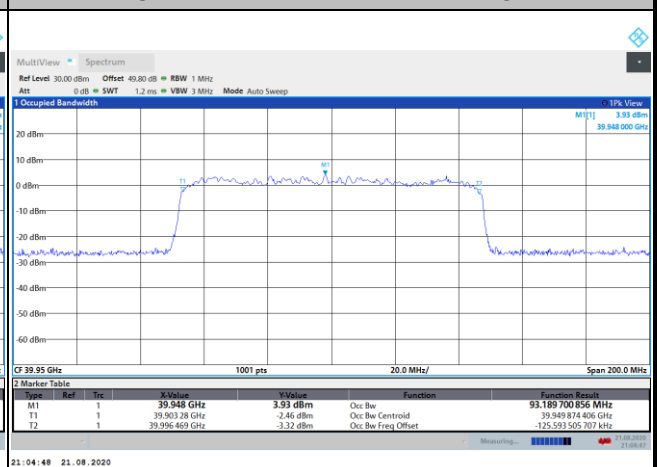
Middle Channel / 100MHz / 64QAM



Highest Channel / 100MHz / 16QAM



Highest Channel / 100MHz / 64QAM



Radiated Out of Band Emissions

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	-16.38	-19.01	-19.85	-20.28	-20.29	-22.48
	>10%OB	≤ -13	-34.20	-35.21	-35.37	-36.25	-36.24	-36.31
High CH	0~10%OB	≤ -5	-24.67	-24.65	-27.49	-24.66	-24.65	-26.46
	>10%OB	≤ -13	-34.01	-34.08	-34.20	-34.02	-33.67	-34.11
Result			Compliance					

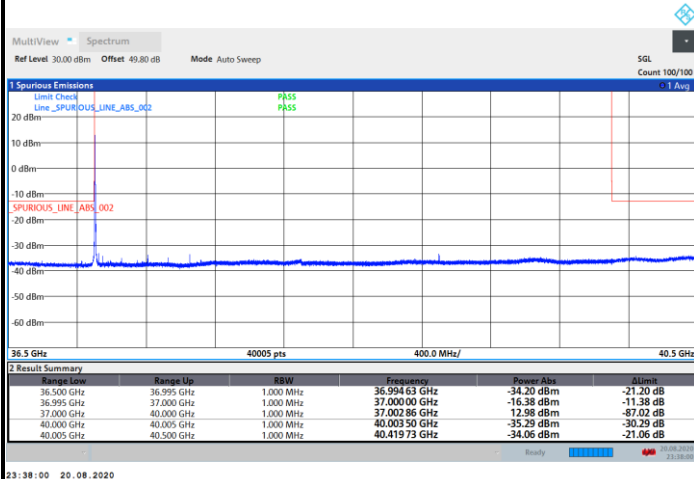
Mode			CP-OFDM Module 1 NR Band n260 : BE (dBm) Full RB					
BW			50MHz			100MHz		
Limit (dBm)			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Low CH	0~10%OB	≤ -5	-28.08	-29.68	-31.09	-30.99	-32.80	-34.08
	>10%OB	≤ -13	-31.88	-33.35	-35.24	-33.34	-34.61	-35.34
High CH	0~10%OB	≤ -5	-31.85	-32.35	-32.75	-33.11	-33.74	-34.71
	>10%OB	≤ -13	-33.45	-33.93	-34.15	-33.97	-33.94	-34.01
Result			Compliance					



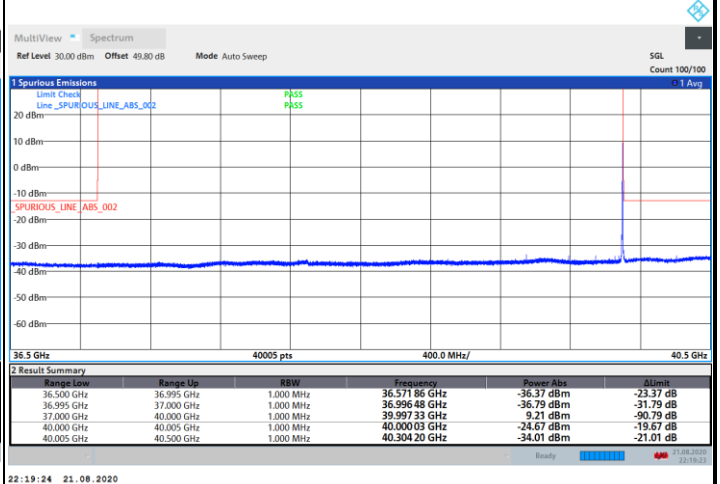
CP-OFDM Module 1

NR Band n260 / 50MHz / QPSK

Lowest Band Edge / 1 RB

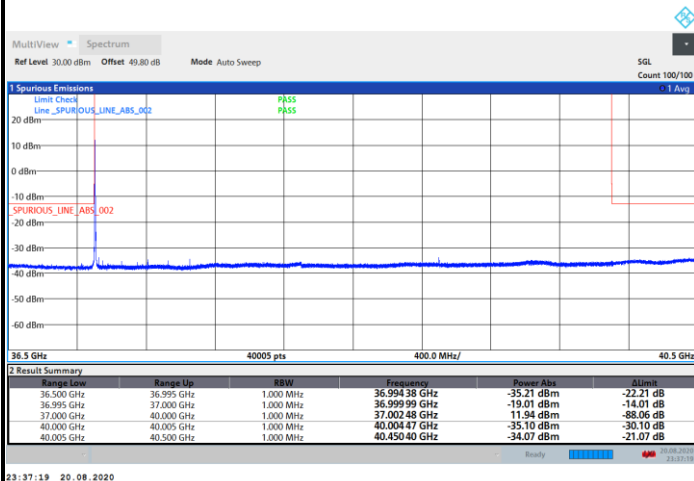


Highest Band Edge / 1 RB

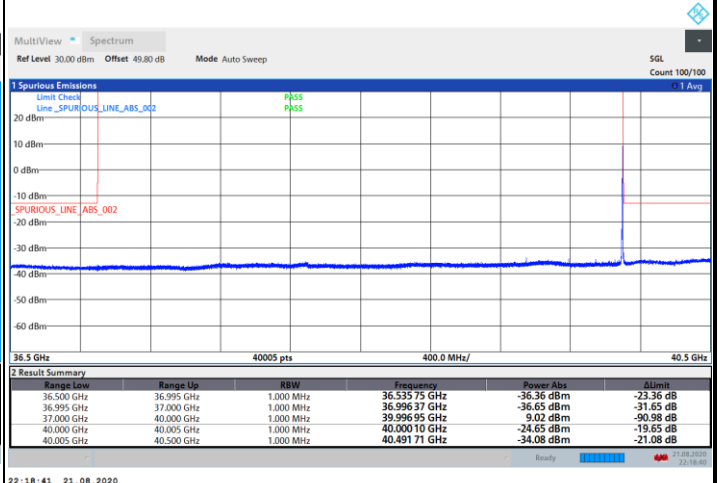


NR Band n260 / 50MHz / 16QAM

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB

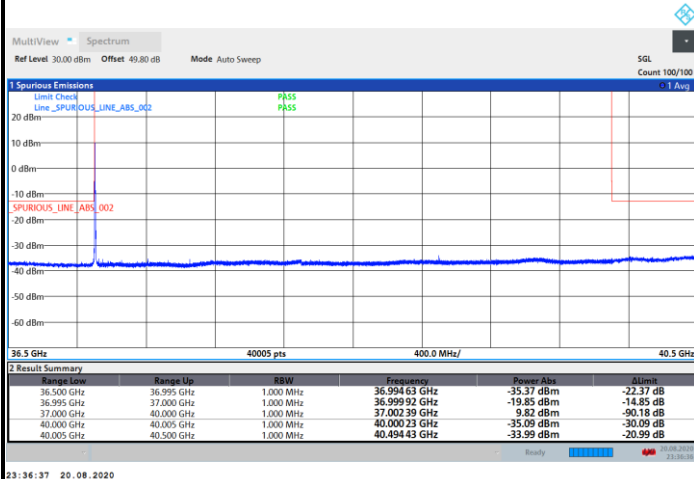




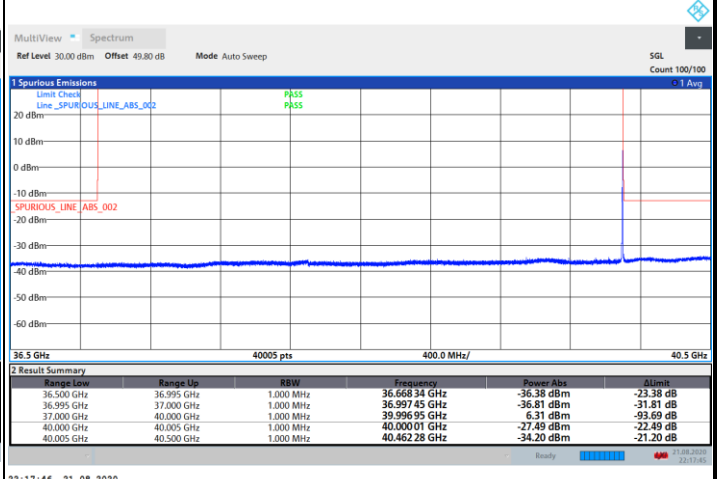
CP-OFDM Module 1

NR Band n260 / 50MHz / 64QAM

Lowest Band Edge / 1 RB

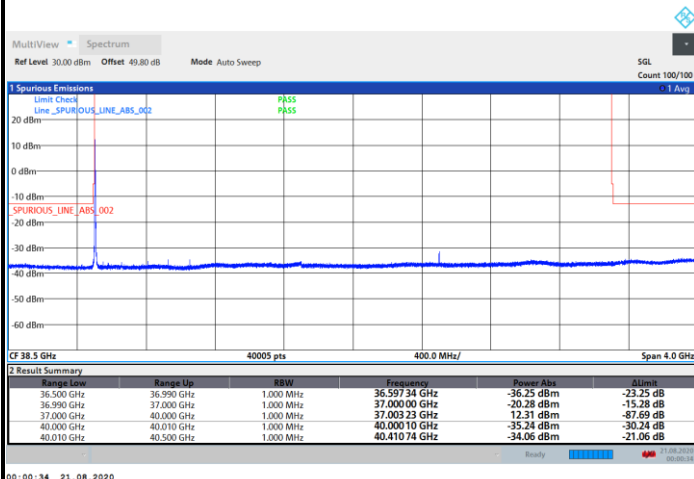


Highest Band Edge / 1 RB

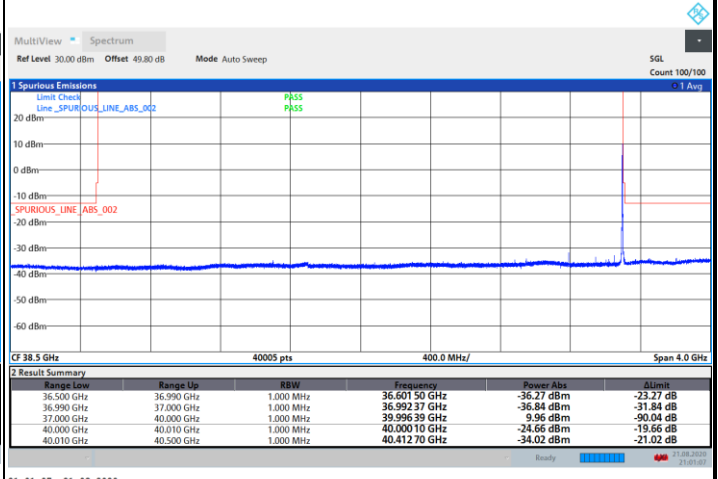


NR Band n260 / 100MHz / QPSK

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB

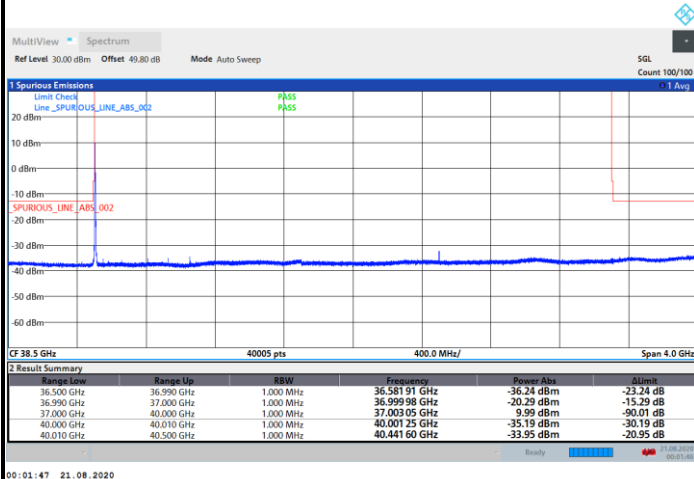




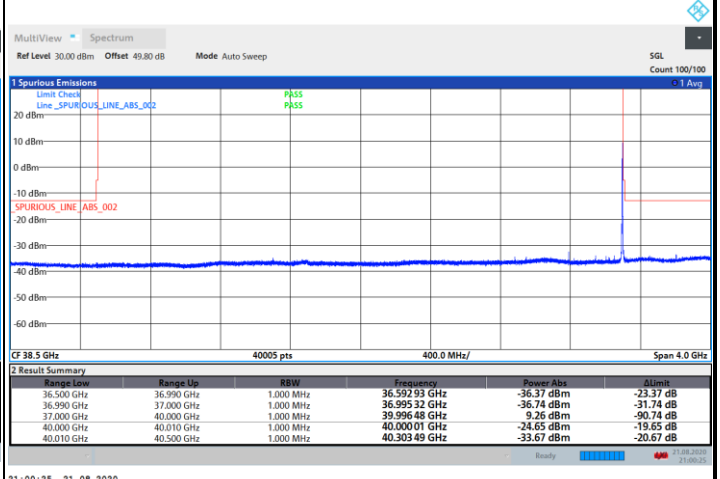
CP-OFDM Module 1

NR Band n260 / 100MHz / 16QAM

Lowest Band Edge / 1 RB

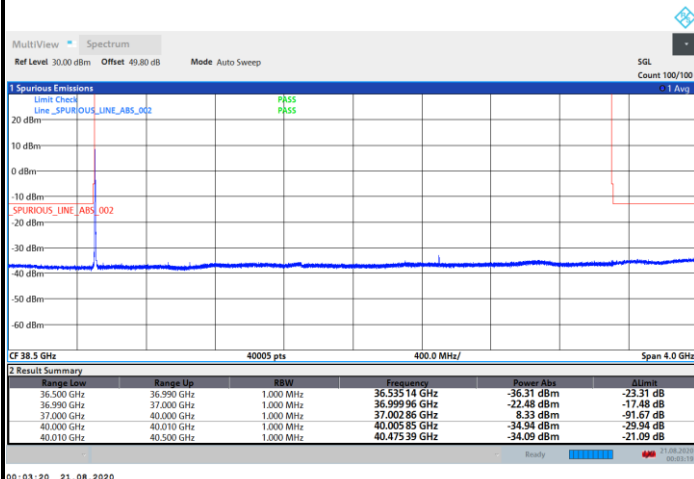


Highest Band Edge / 1 RB

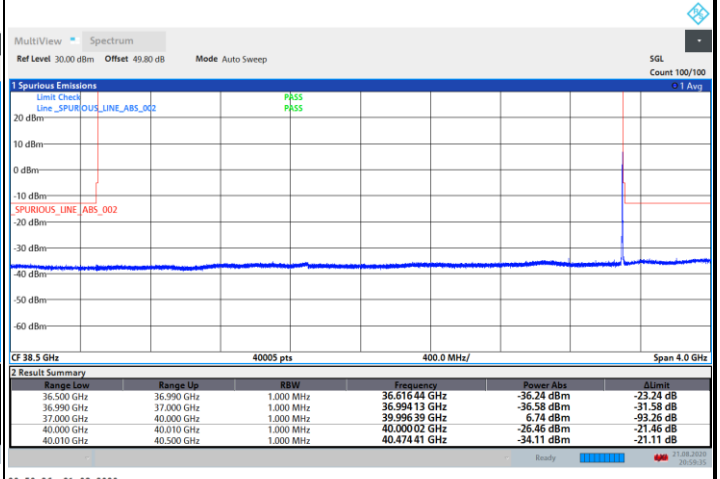


NR Band n260 / 100MHz / 64QAM

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB

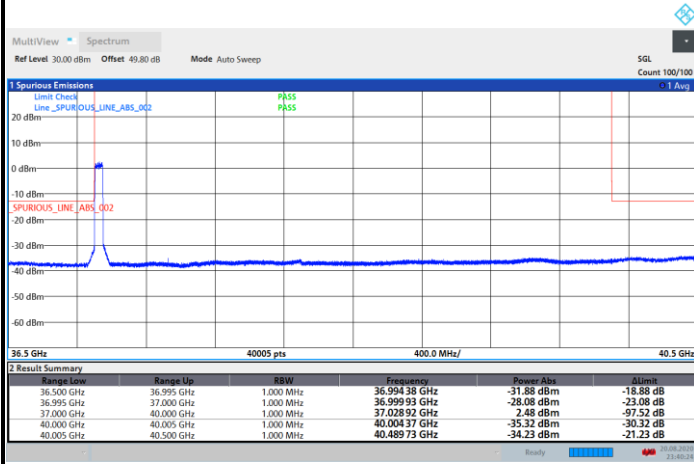




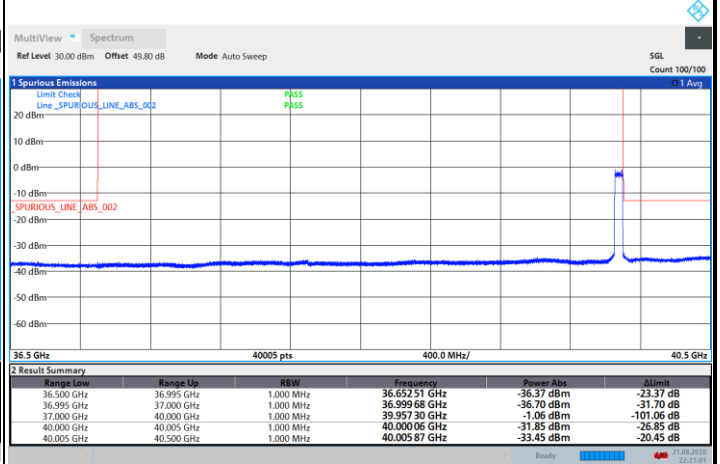
CP-OFDM Module 1

NR Band n260 / 50MHz / QPSK

Lowest Band Edge / Full RB

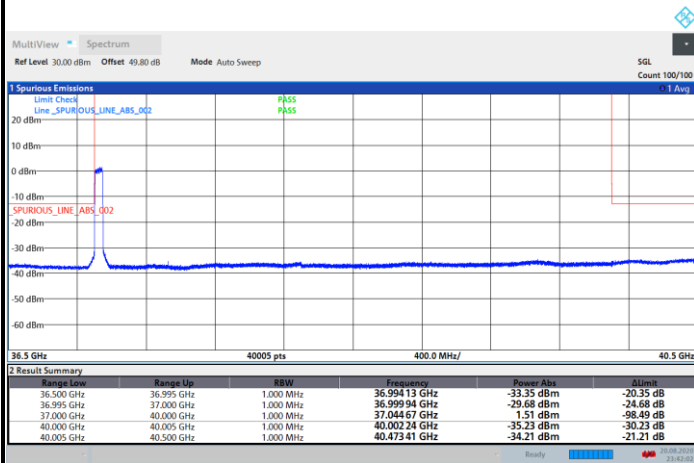


Highest Band Edge / Full RB



NR Band n260 / 50MHz / 16QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

