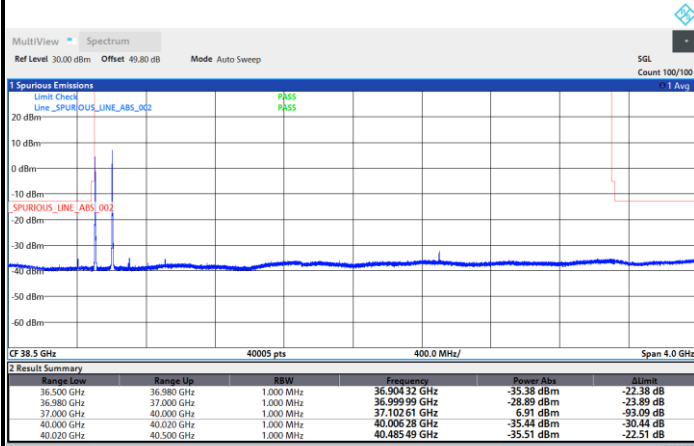




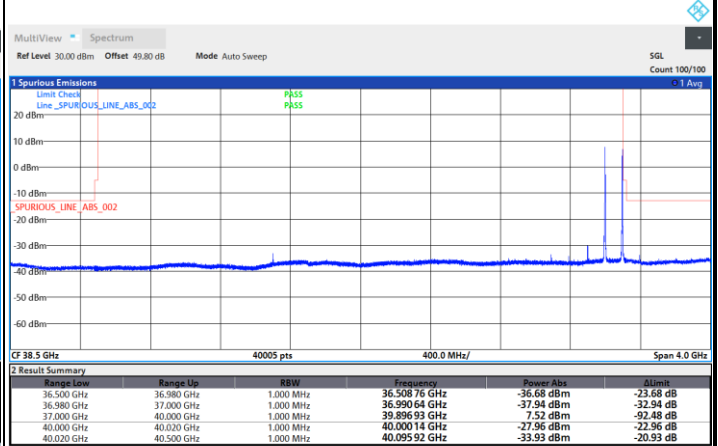
DFT-s-OFDM Module 1

NR Band n260 / 200MHz / BPSK

Lowest Band Edge / 1 RB

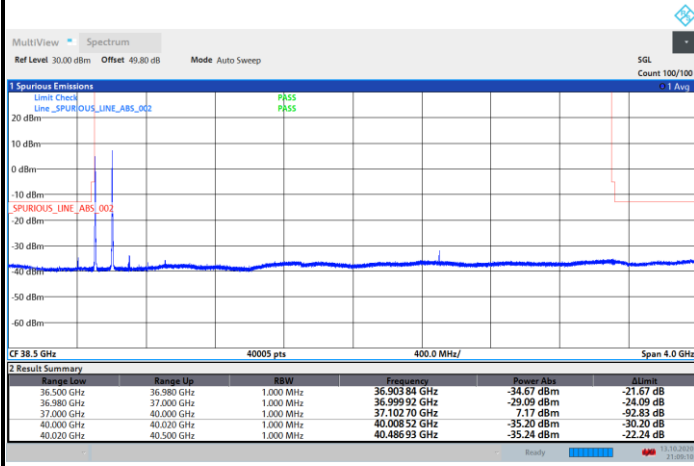


Highest Band Edge / 1 RB

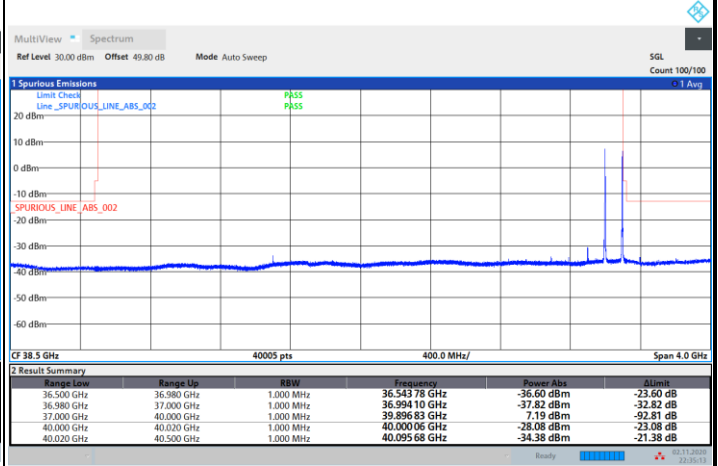


NR Band n260 / 200MHz / QPSK

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB

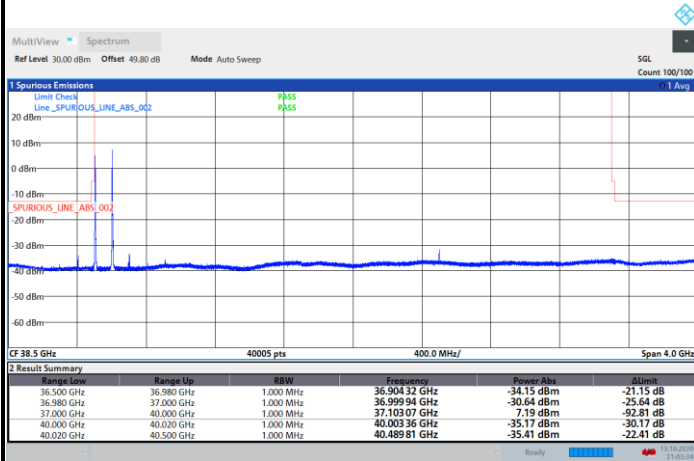




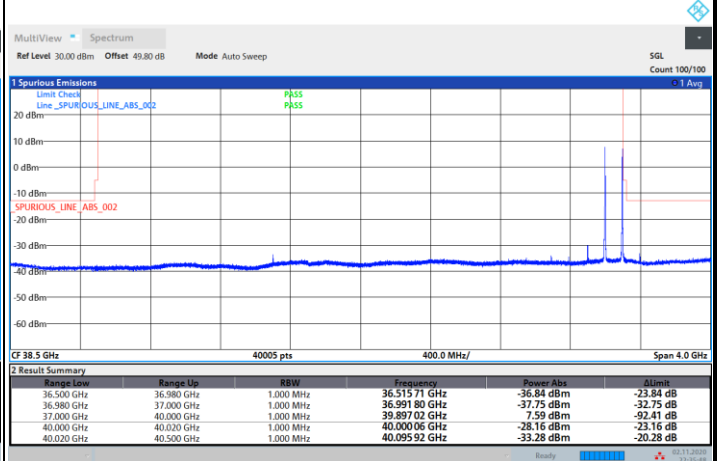
DFT-s-OFDM Module 1

NR Band n260 / 200MHz / 16QAM

Lowest Band Edge / 1 RB

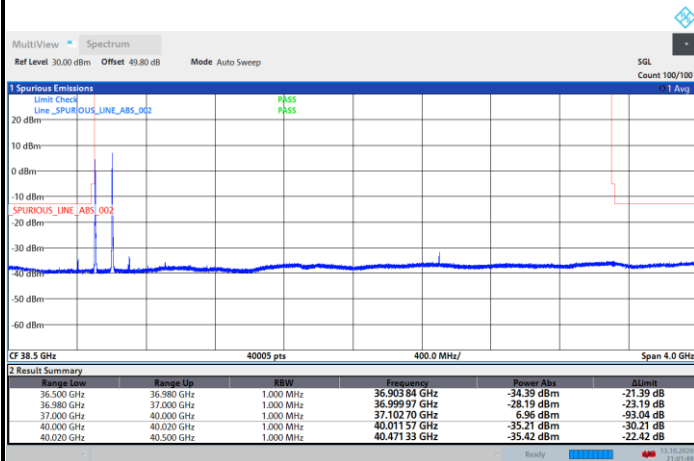


Highest Band Edge / 1 RB

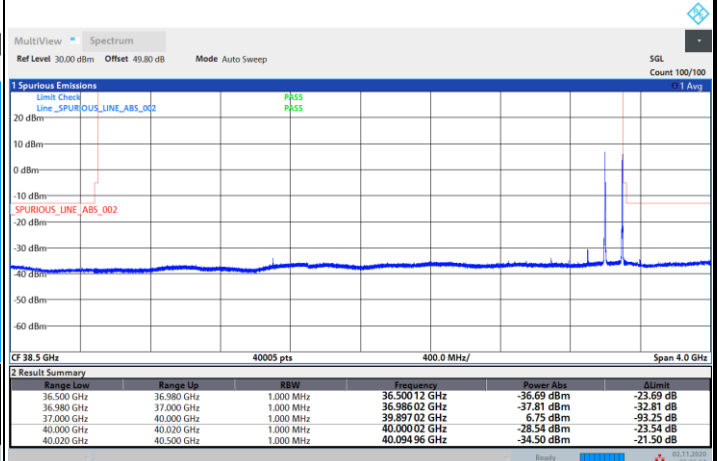


NR Band n260 / 200MHz / 64QAM

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB

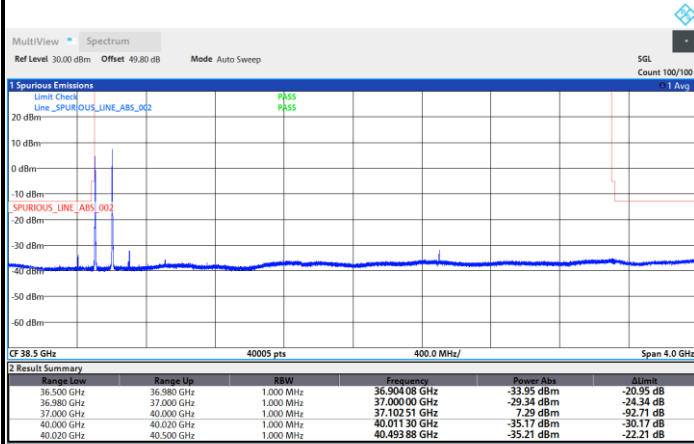




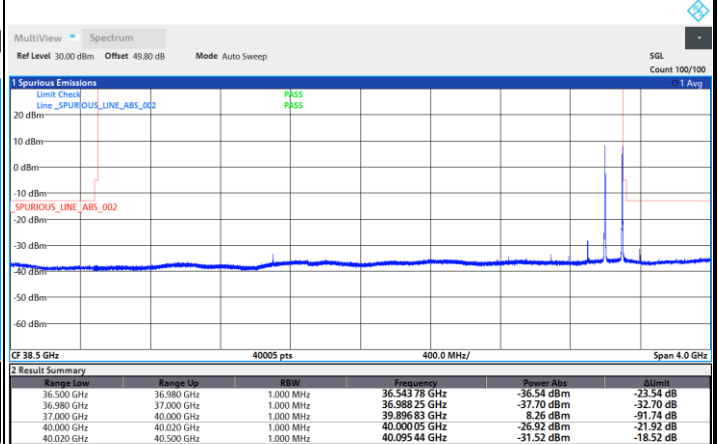
CP-OFDM Module 1

NR Band n260 / 200MHz / QPSK

Lowest Band Edge / 1 RB

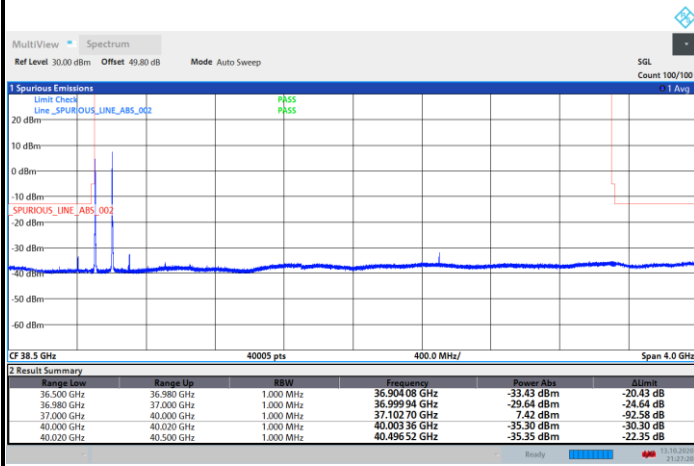


Highest Band Edge / 1 RB

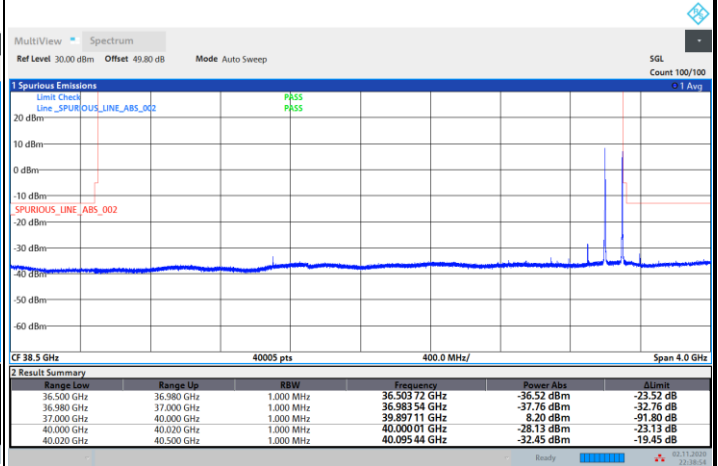


NR Band n260 / 200MHz / 16QAM

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



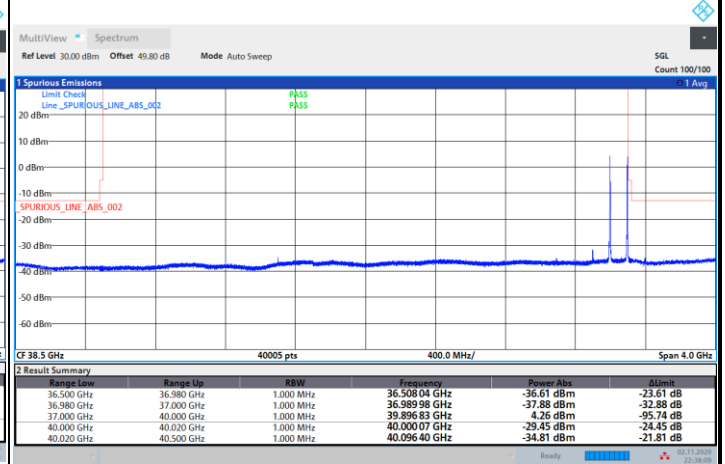
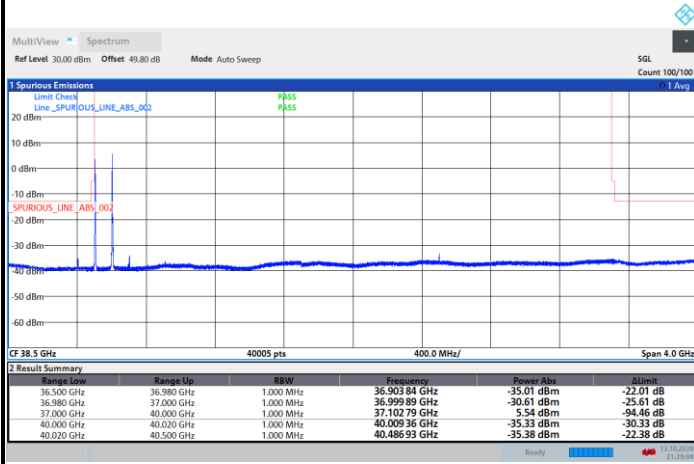


CP-OFDM Module 1

NR Band n260 / 200MHz / 64QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

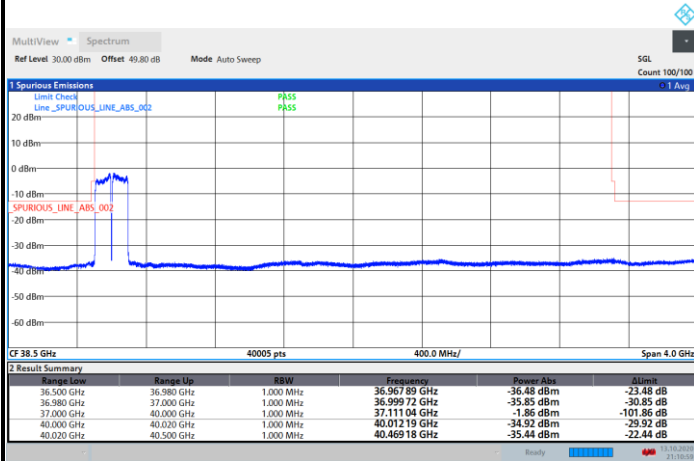




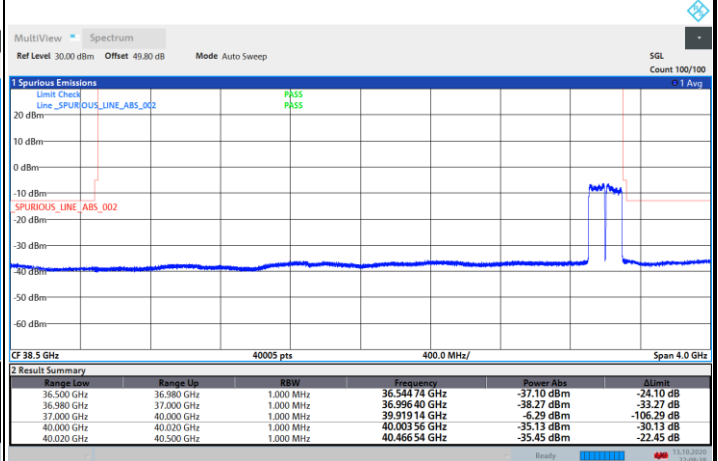
DFT-s-OFDM Module 1

NR Band n260 / 200MHz / BPSK

Lowest Band Edge / Full RB

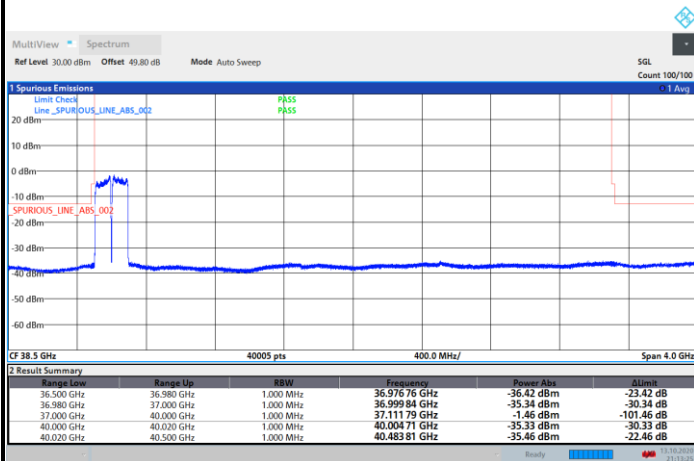


Highest Band Edge / Full RB

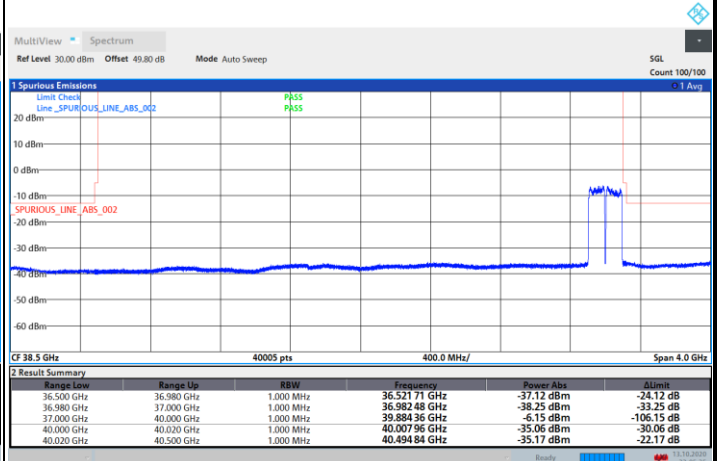


NR Band n260 / 200MHz / QPSK

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

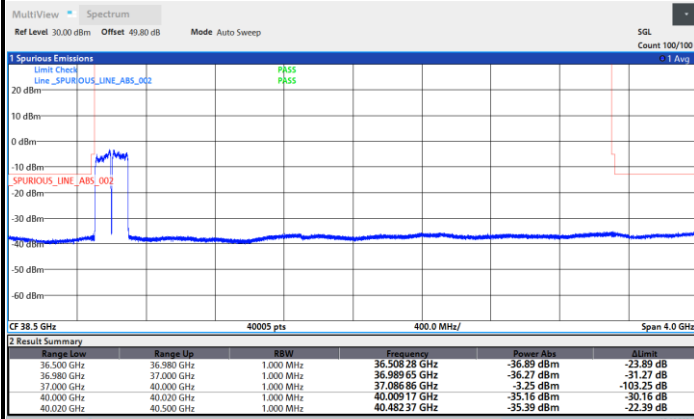




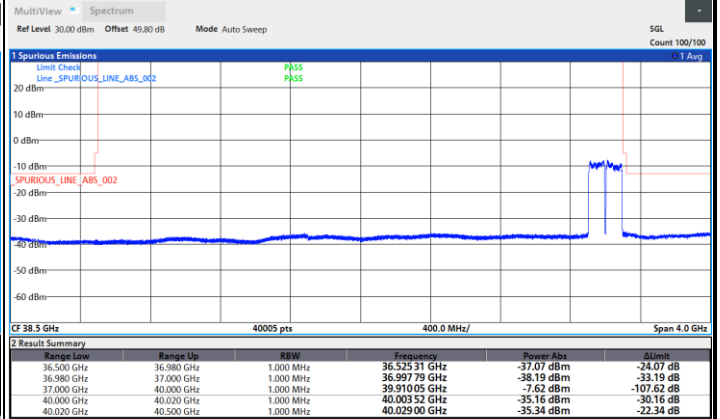
DFT-s-OFDM Module 1

NR Band n260 / 200MHz / 16QAM

Lowest Band Edge / Full RB

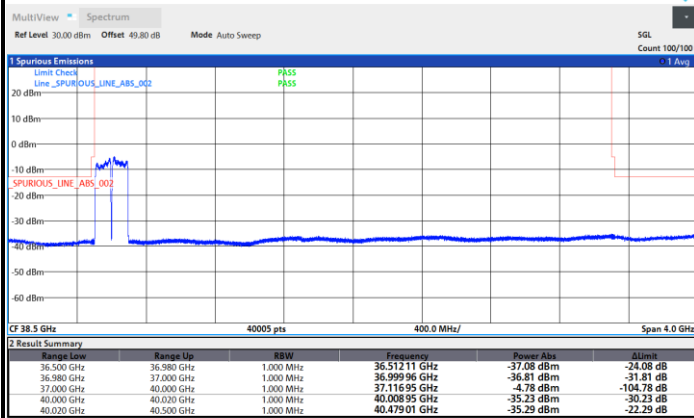


Highest Band Edge / Full RB

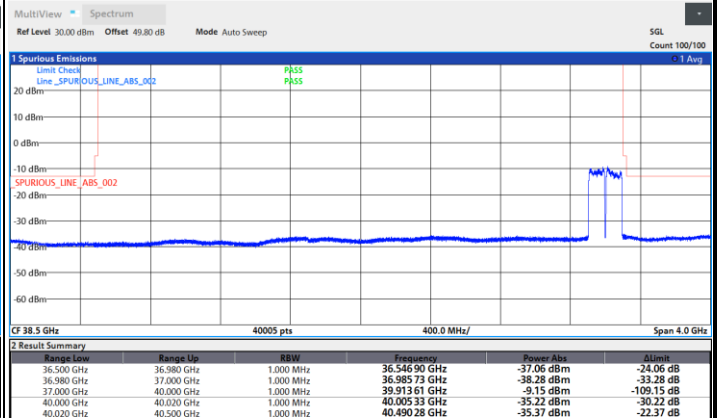


NR Band n260 / 200MHz / 64QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

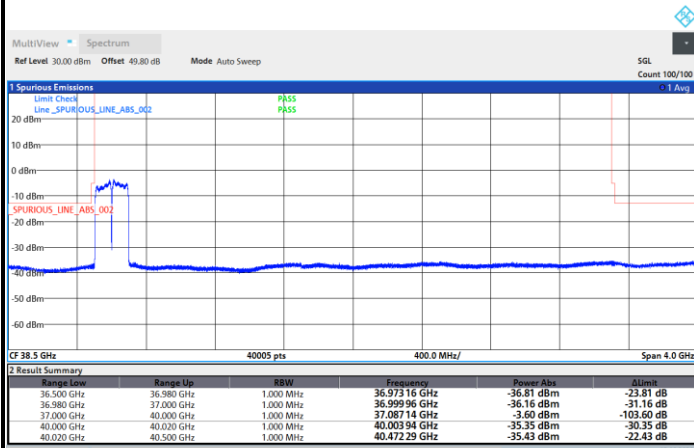




CP-OFDM Module 1

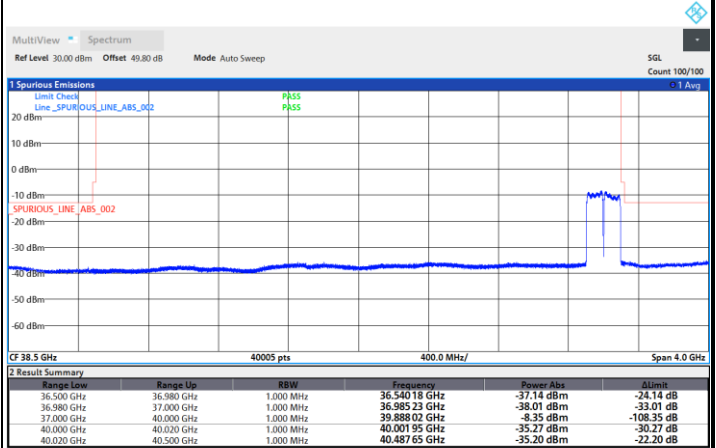
NR Band n260 / 200MHz / QPSK

Lowest Band Edge / Full RB



21:37:14 13.10.2020

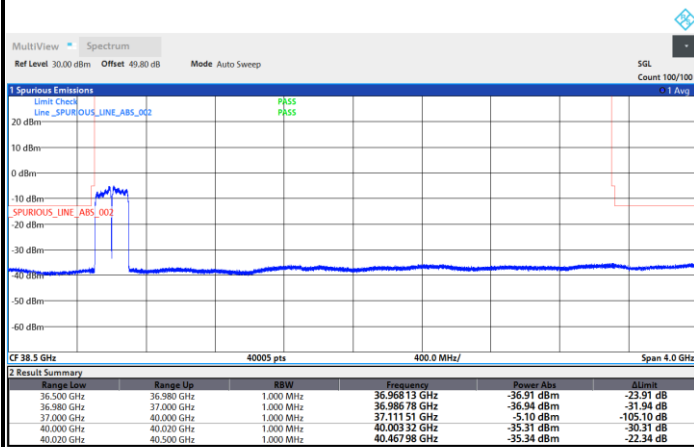
Highest Band Edge / Full RB



22:25:34 13.10.2020

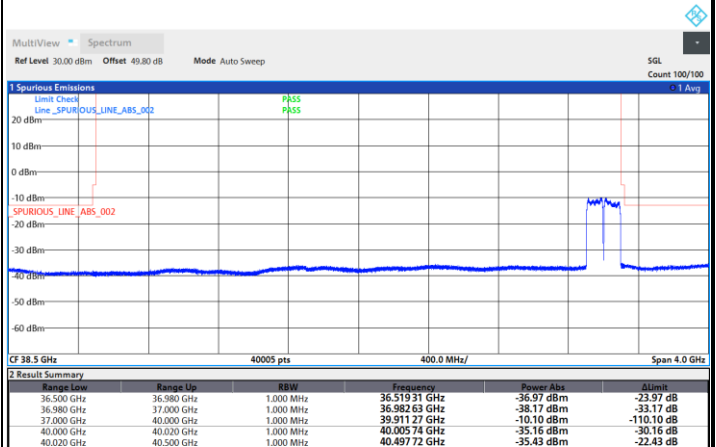
NR Band n260 / 200MHz / 16QAM

Lowest Band Edge / Full RB



21:35:12 13.10.2020

Highest Band Edge / Full RB



22:27:21 13.10.2020

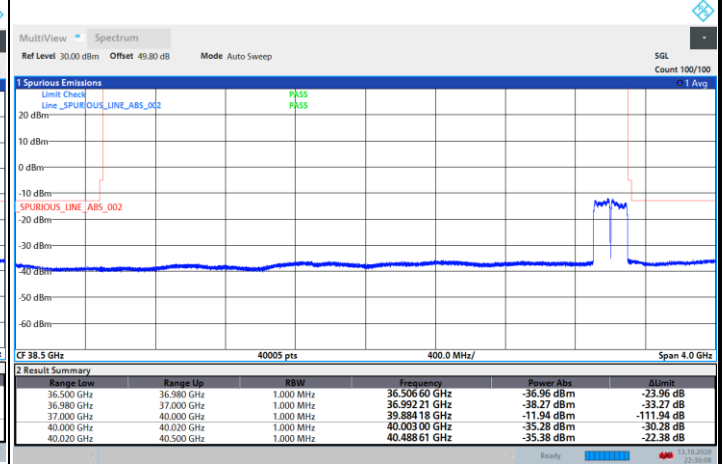
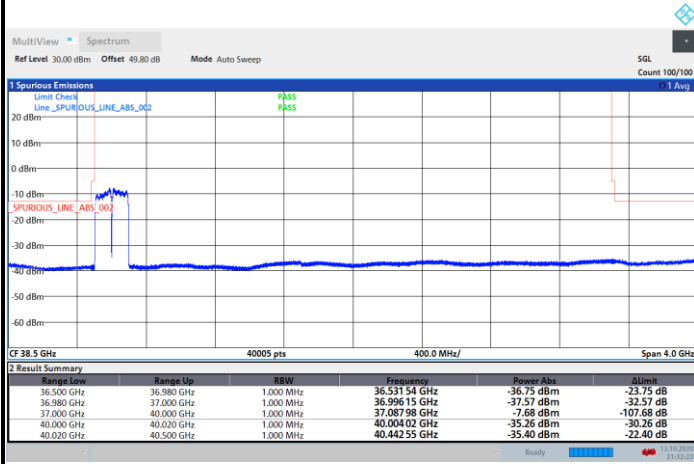


CP-OFDM Module 1

NR Band n260 / 200MHz / 64QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

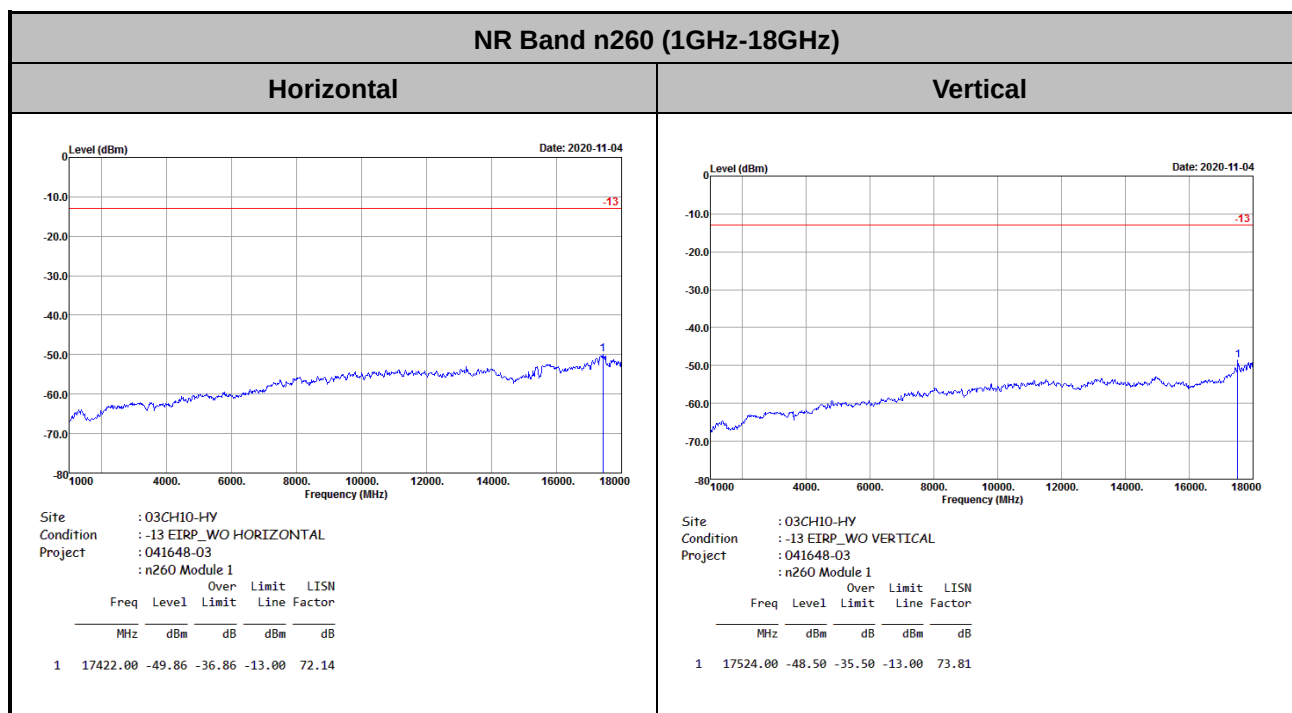
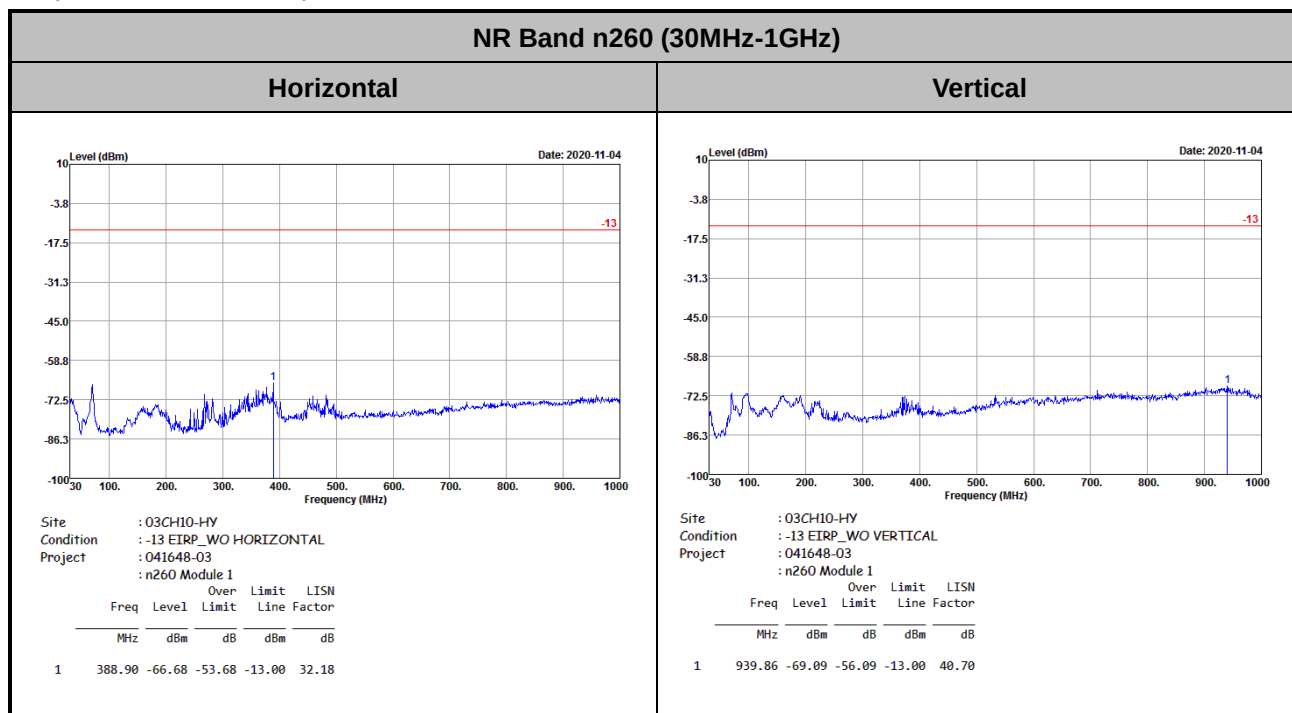




Spurious Emission

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

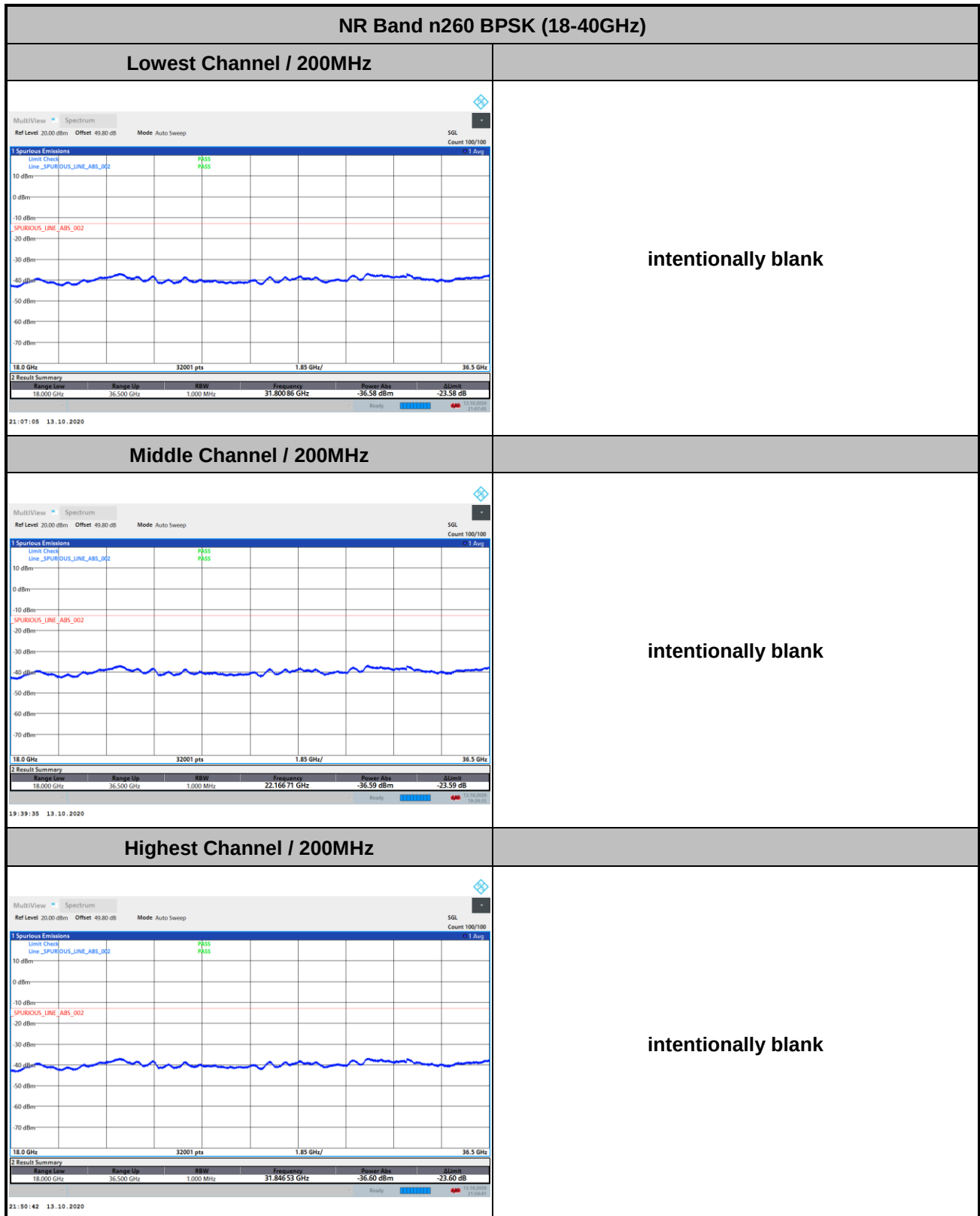
Only the noise floor is reported.

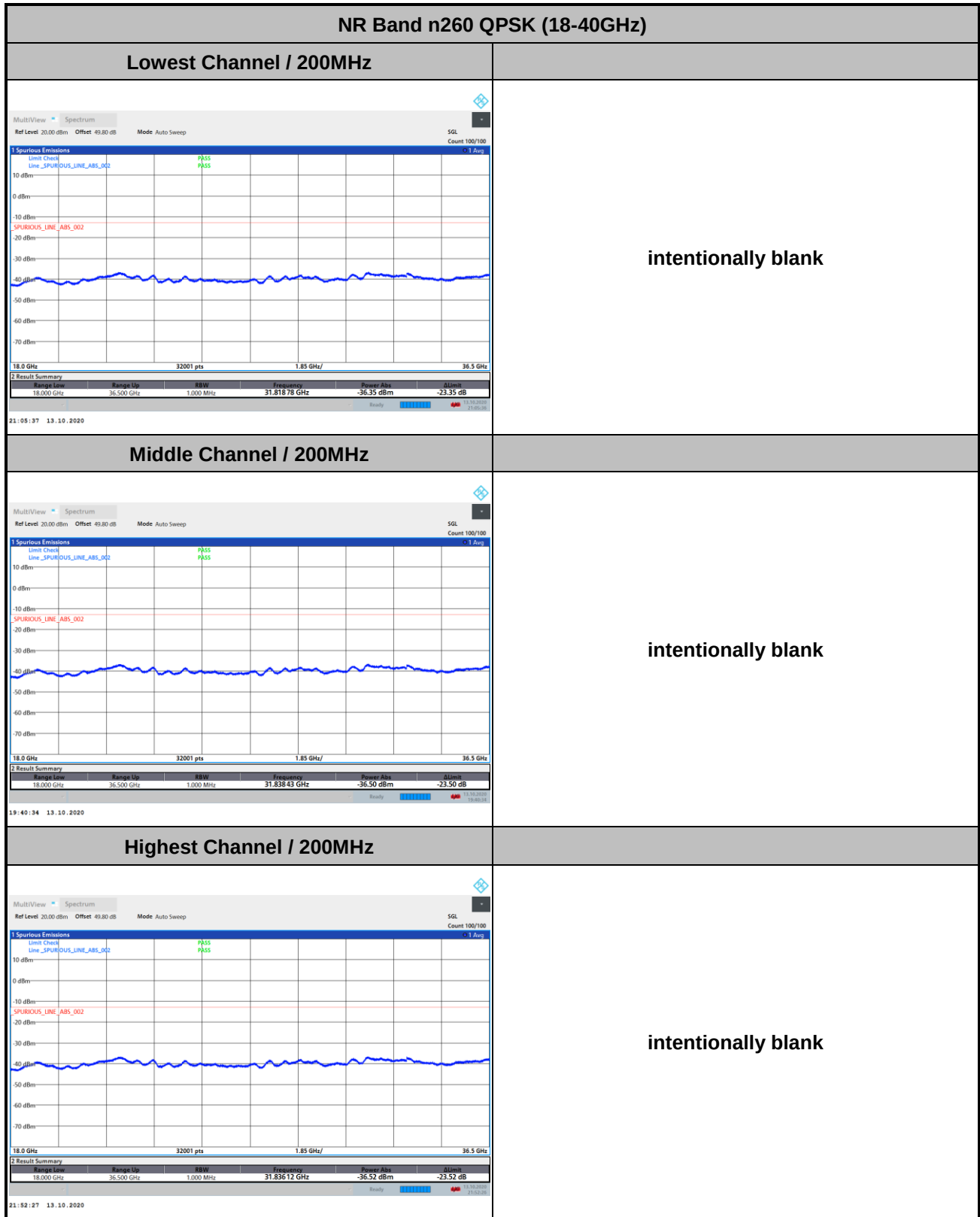




Spurious emission between 18GHz to 40GHz worst case plot is reported as following.

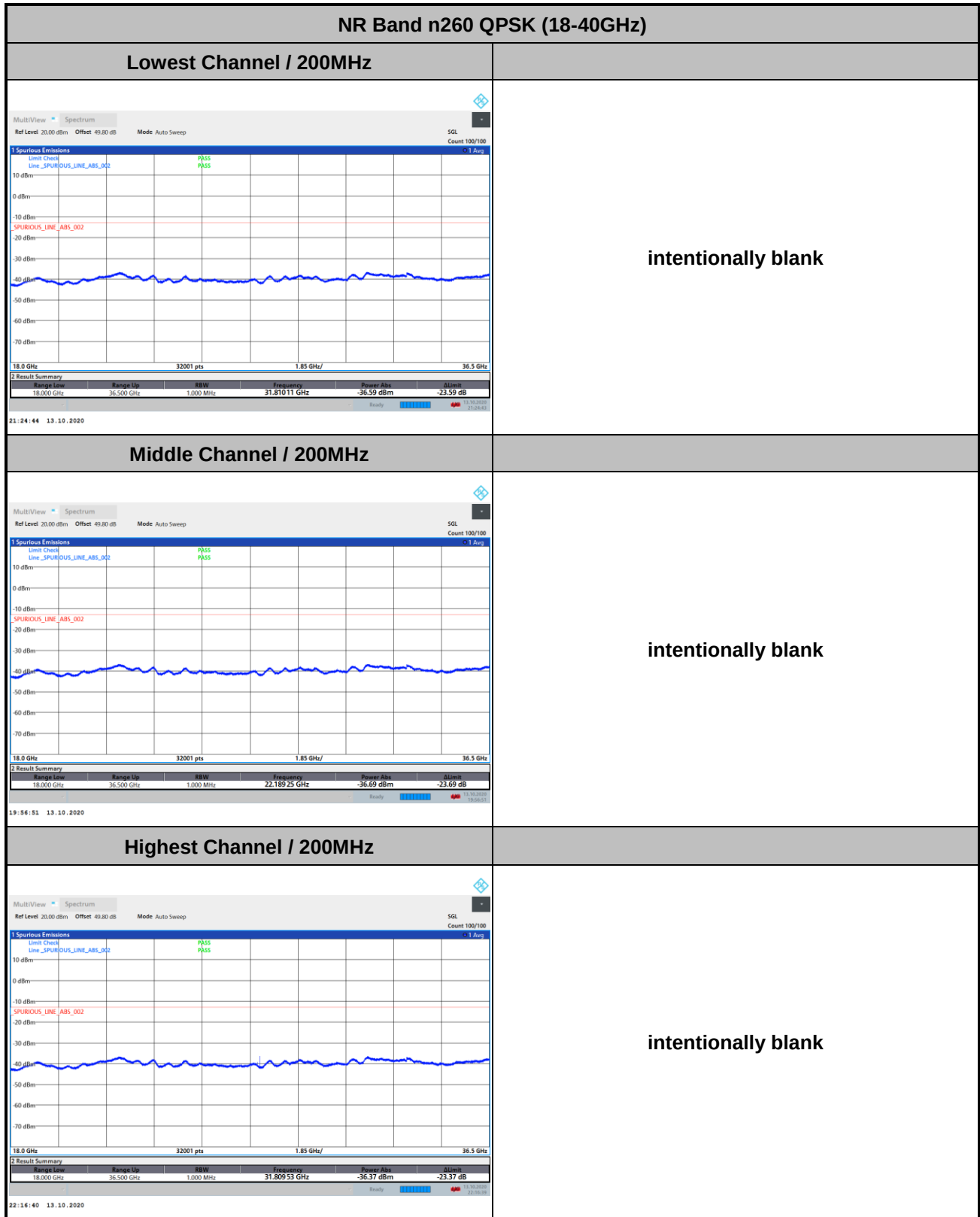
DFT-s-OFDM Module 1



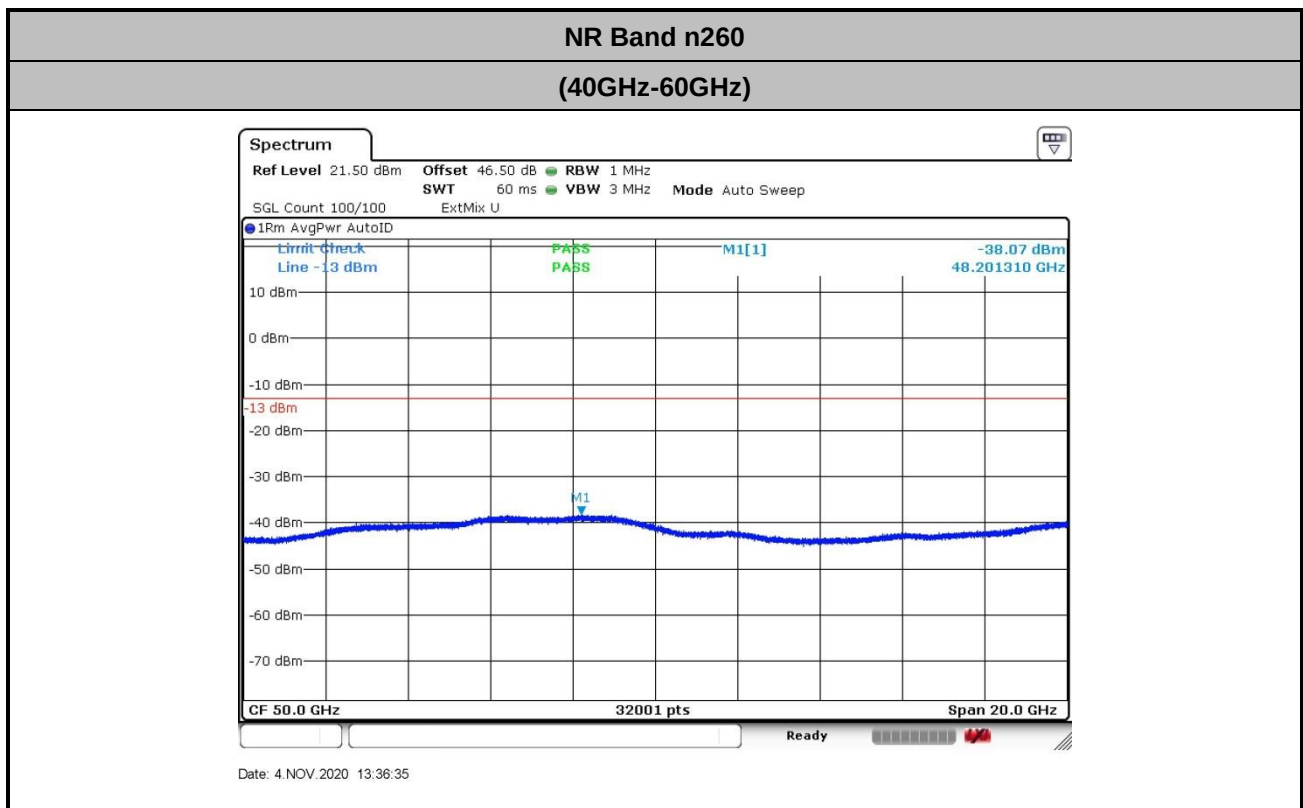
**DFT-s-OFDM Module 1**



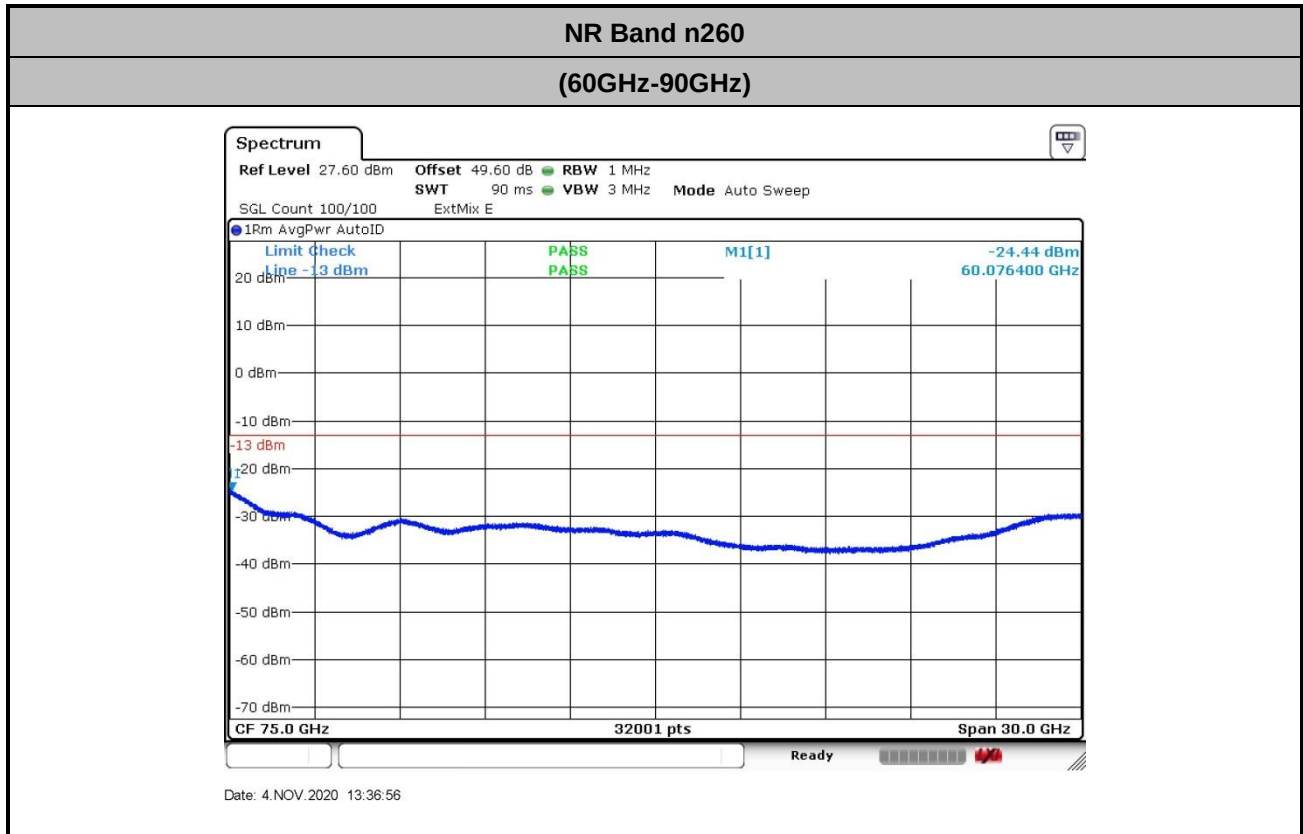
CP-OFDM Module 1



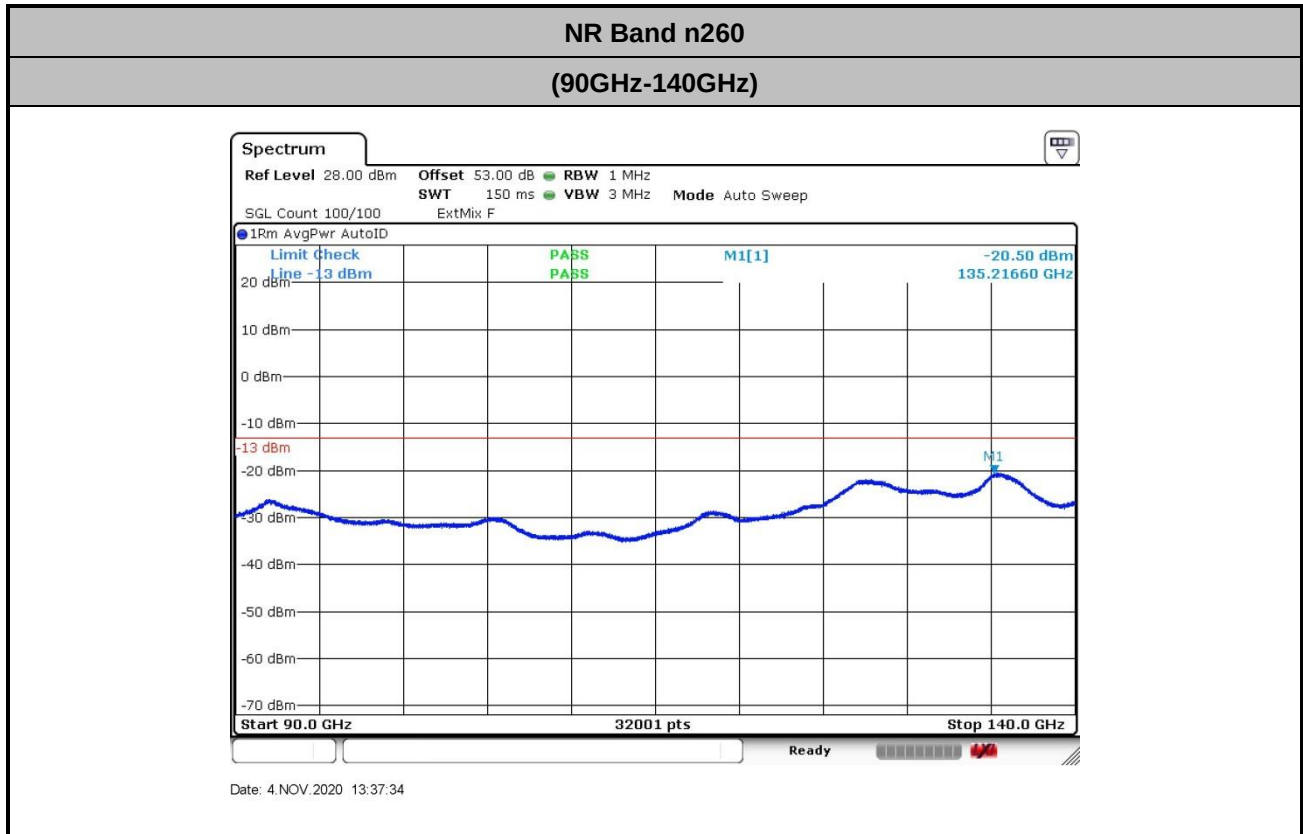
There is no significant spurious emission signal found for frequency started from 40GHz up to 200GHz. Only the noise floor is reported.



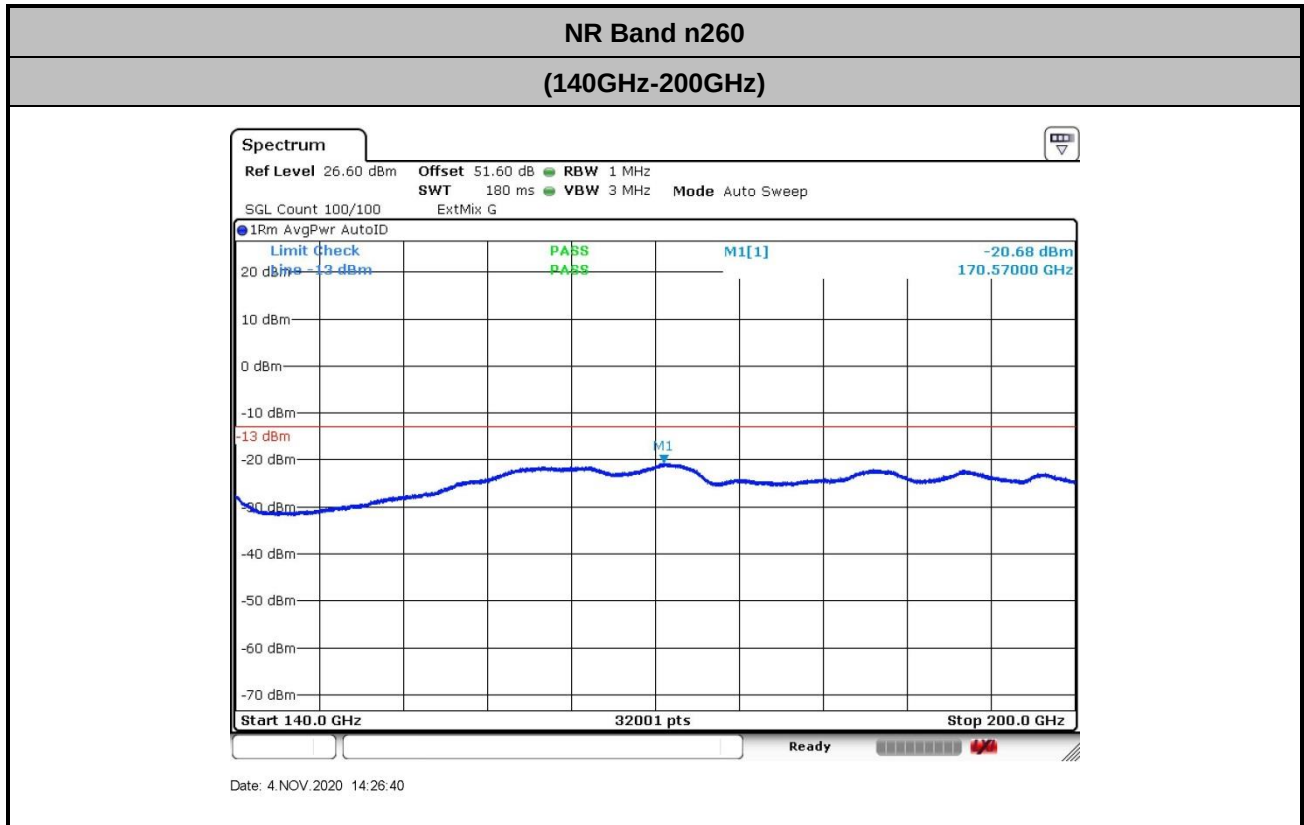
$$\begin{aligned} \text{Offset} &= \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 \\ &= 42.3 + 2 + 107 + 20\log(1) - 104.8 \\ &= 46.5 \text{ (dB)} \end{aligned}$$



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



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



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

**NR Band n260 Module 1 AG0+AG1****Occupied Bandwidth**

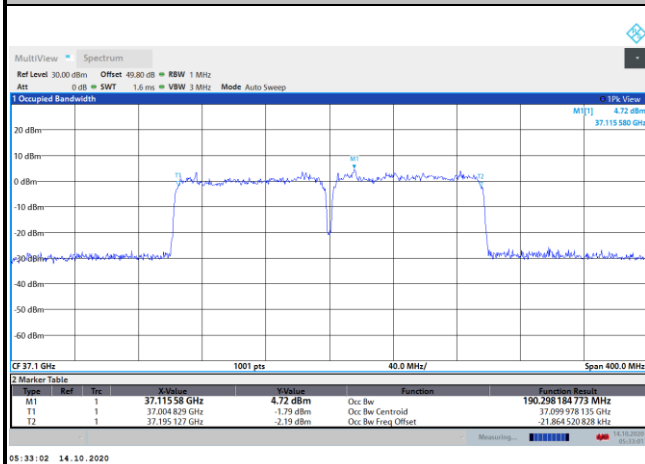
Mode	CP-OFDM Module 1 NR Band n260 : 99%OBW(MHz)		
BW	200MHz		
Mod.	QPSK	16QAM	64QAM
Lowest CH	190.29	190.58	191.15
Middle CH	190.89	191.25	191.89
Highest CH	191.08	191.74	192.79



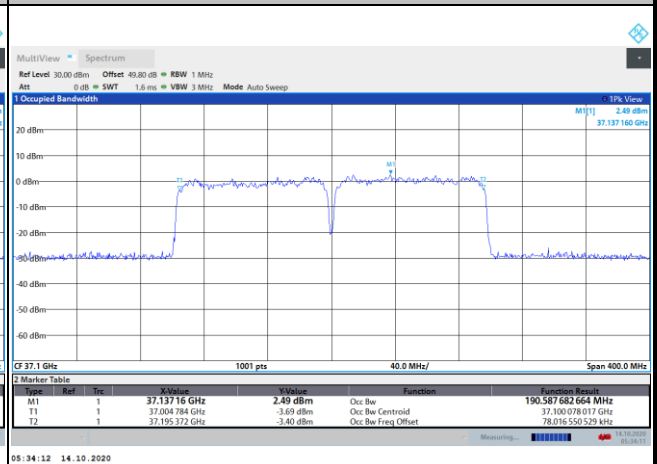
CP-OFDM Module 1

NR Band n260

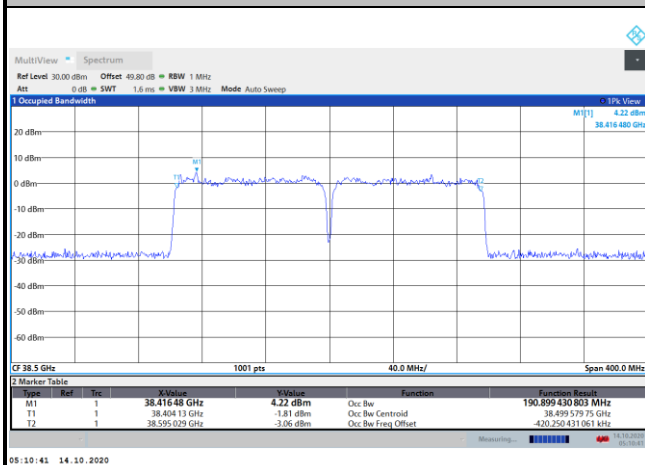
Lowest Channel / 200MHz / QPSK



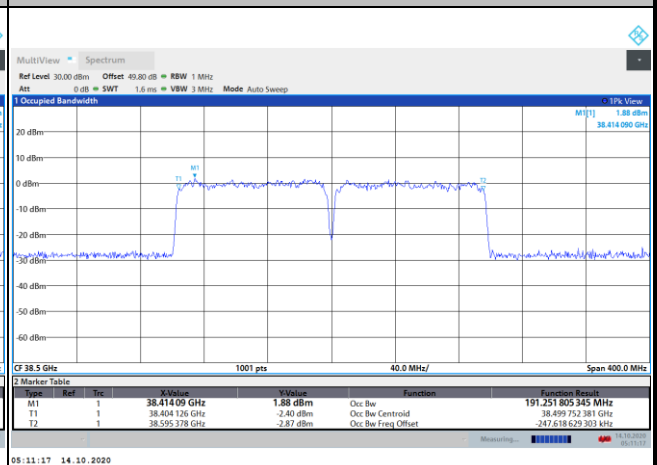
Lowest Channel / 200MHz / 16QAM



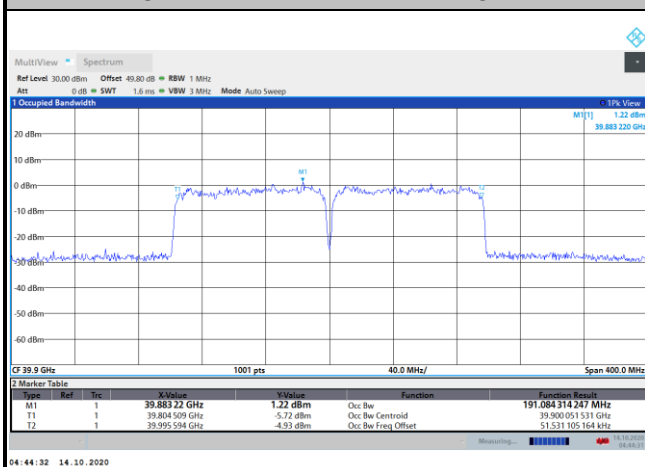
Middle Channel / 200MHz / QPSK



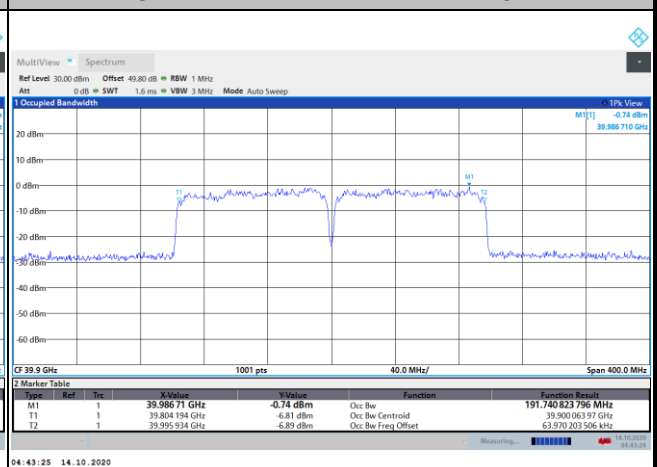
Middle Channel / 200MHz / 16QAM



Highest Channel / 200MHz / QPSK

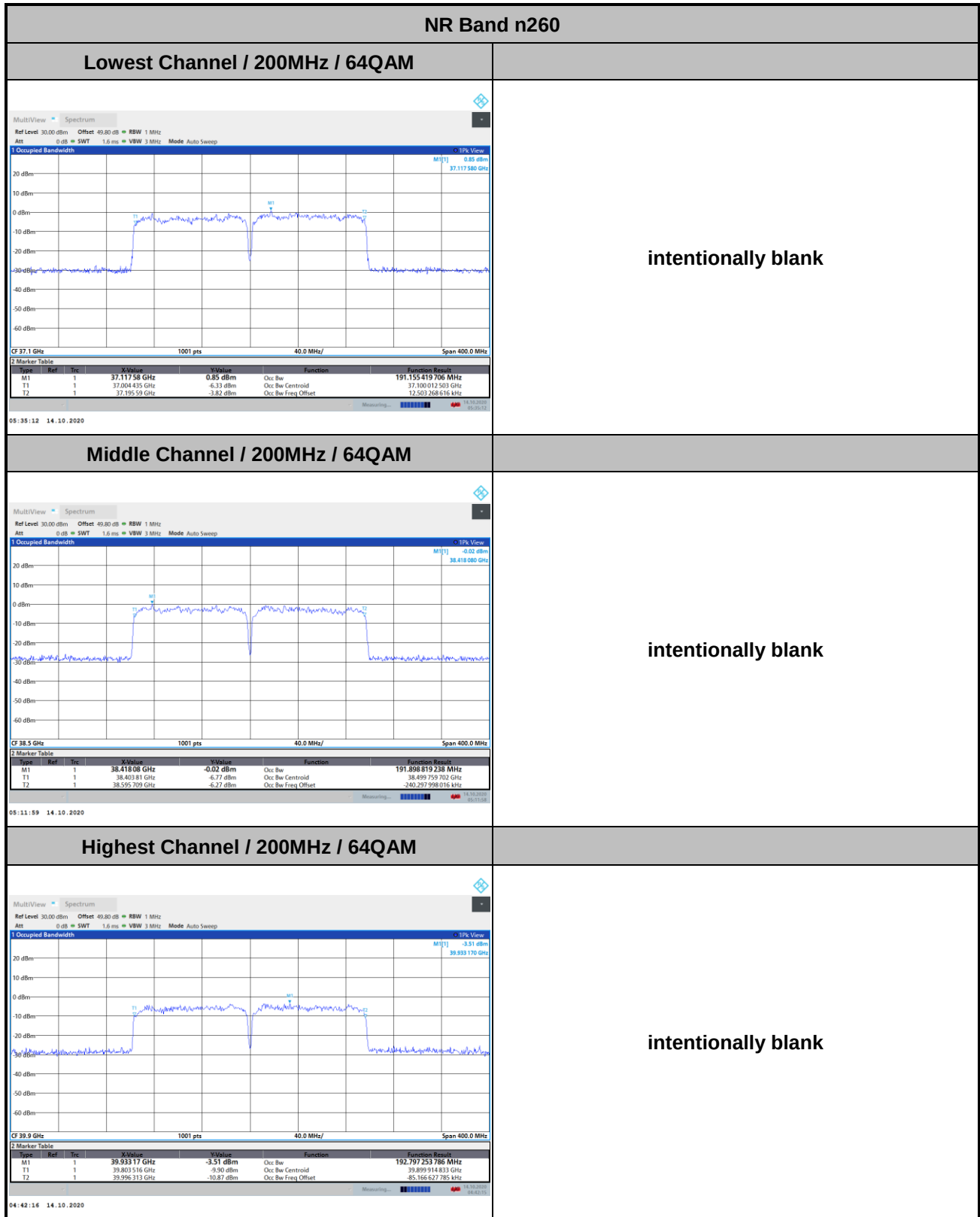


Highest Channel / 200MHz / 16QAM





CP-OFDM Module 1



Radiated Out of Band Emissions

Mode			CP-OFDM Module 1 NR Band n260 : BE (dBm) 1 RB		
BW			200MHz		
Limit (dBm)			QPSK	16QAM	64QAM
Low CH	0~10%OB	≤ -5	-31.35	-29.64	-31.78
	>10%OB	≤ -13	-35.51	-34.86	-36.98
High CH	0~10%OB	≤ -5	-32.11	-33.17	-33.39
	>10%OB	≤ -13	-35.33	-35.56	-35.26
Result			Compliance		

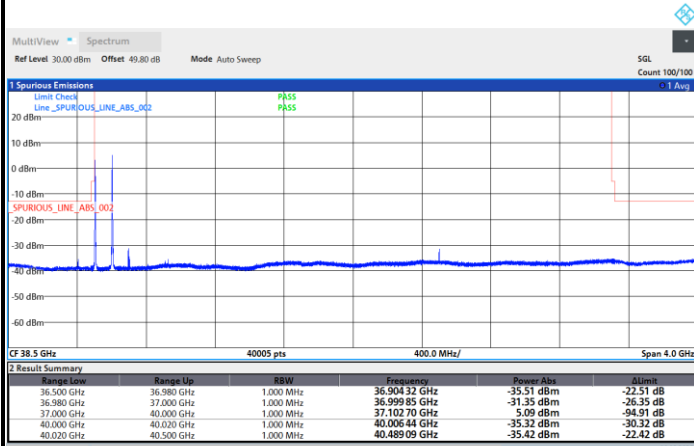
Mode			CP-OFDM Module 1 NR Band n260 : BE (dBm) Full RB		
BW			200MHz		
Limit (dBm)			QPSK	16QAM	64QAM
Low CH	0~10%OB	≤ -5	-36.76	-37.41	-37.86
	>10%OB	≤ -13	-37.05	-37	-36.72
High CH	0~10%OB	≤ -5	-35	-35.22	-34.89
	>10%OB	≤ -13	-35.35	-35.25	-35.12
Result			Compliance		



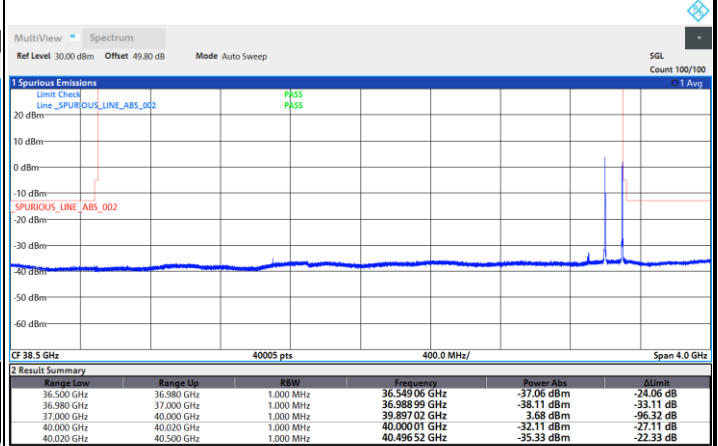
CP-OFDM Module 1

NR Band n260 / 200MHz / QPSK

Lowest Band Edge / 1 RB

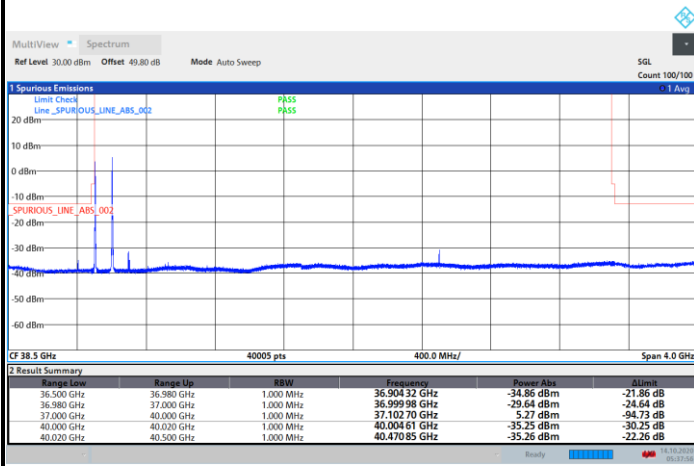


Highest Band Edge / 1 RB

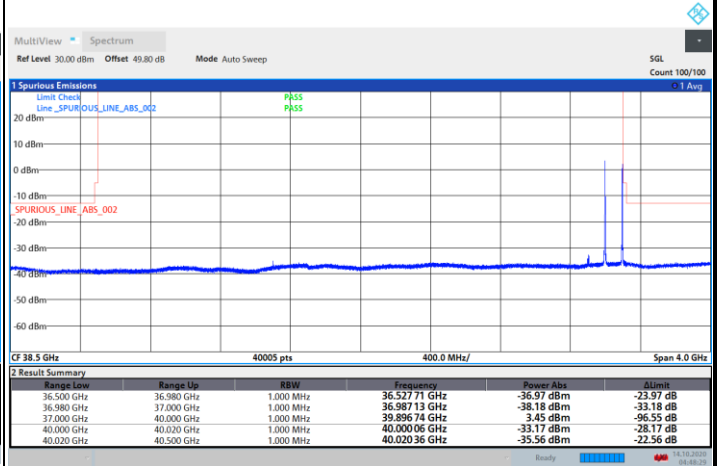


NR Band n260 / 200MHz / 16QAM

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



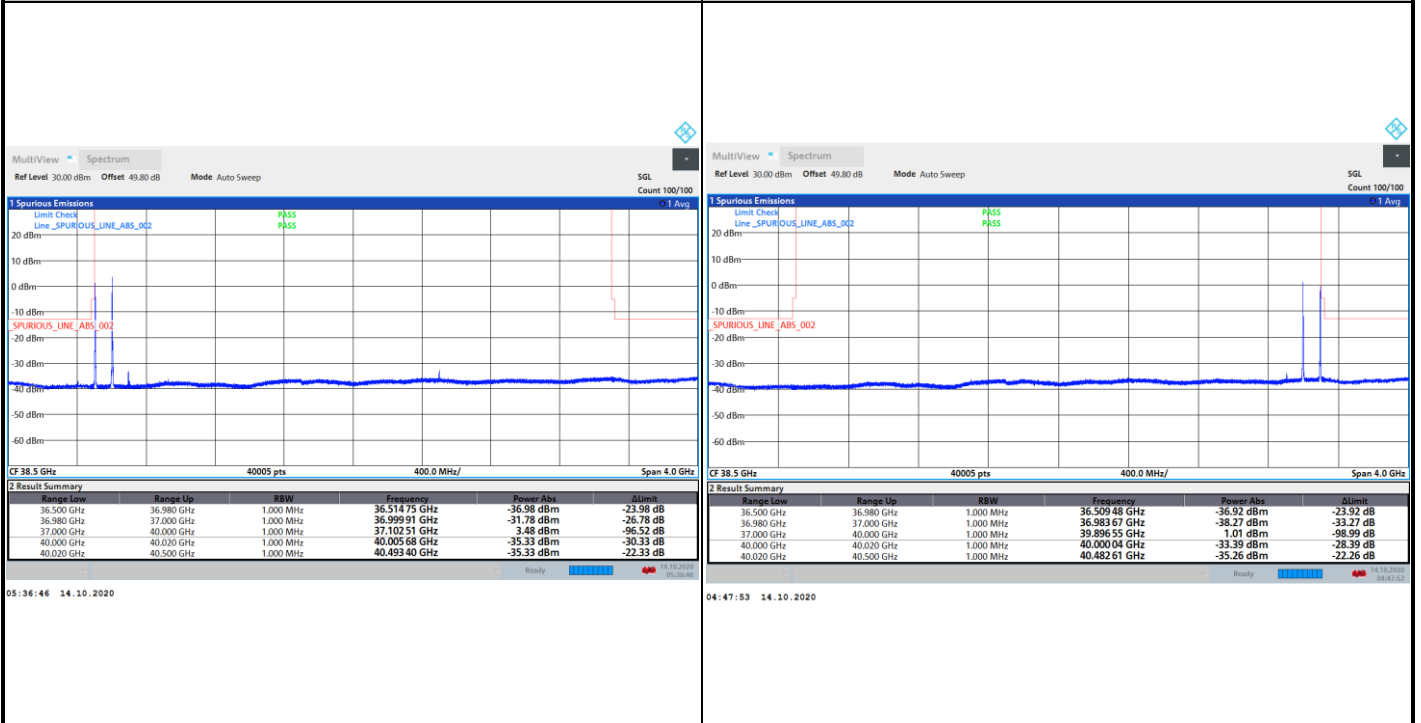


CP-OFDM Module 1

NR Band n260 / 200MHz / 64QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

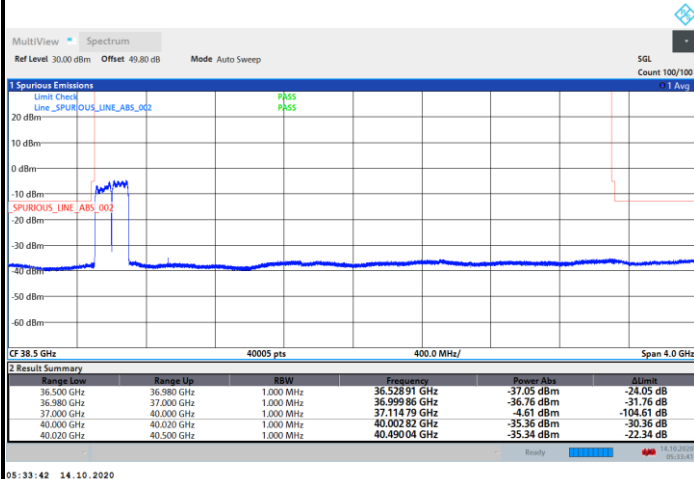




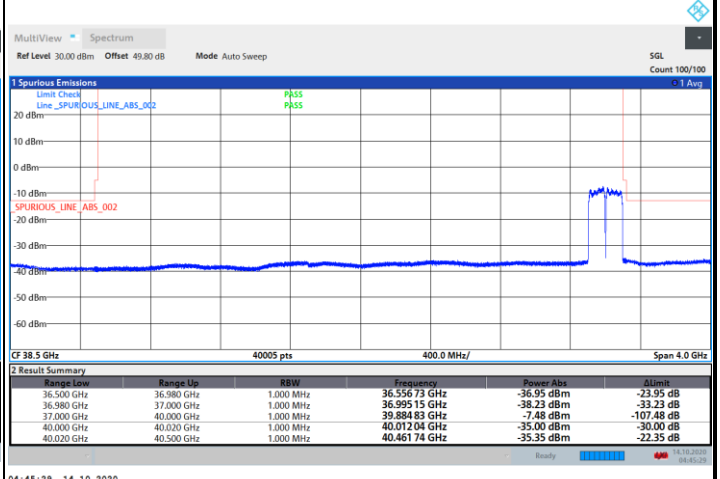
CP-OFDM Module 1

NR Band n260 / 200MHz / QPSK

Lowest Band Edge / Full RB

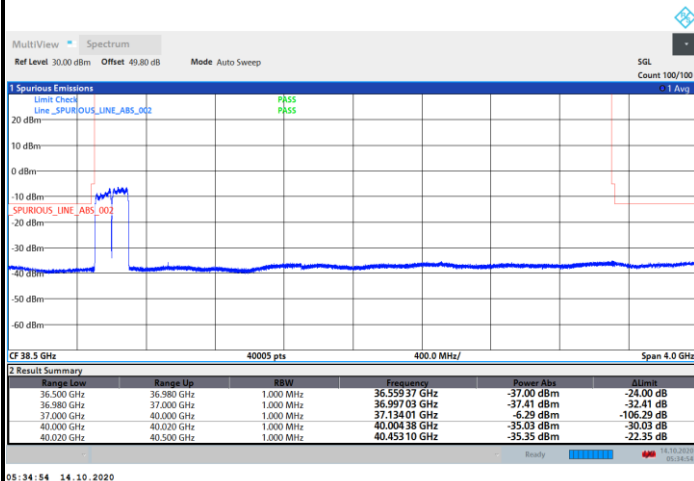


Highest Band Edge / Full RB

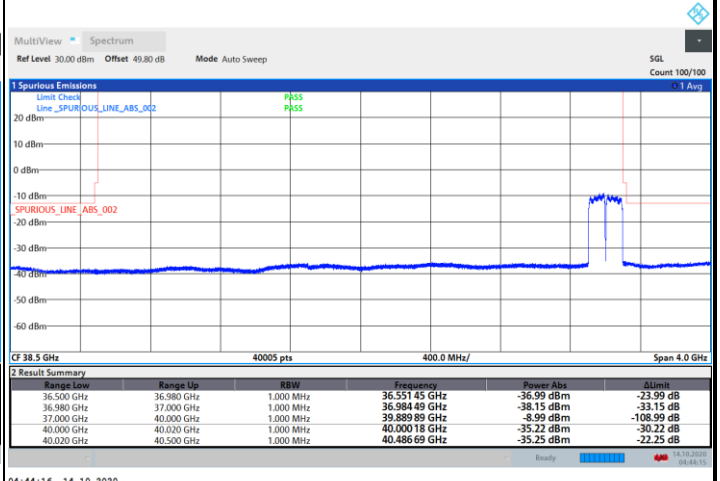


NR Band n260 / 200MHz / 16QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB



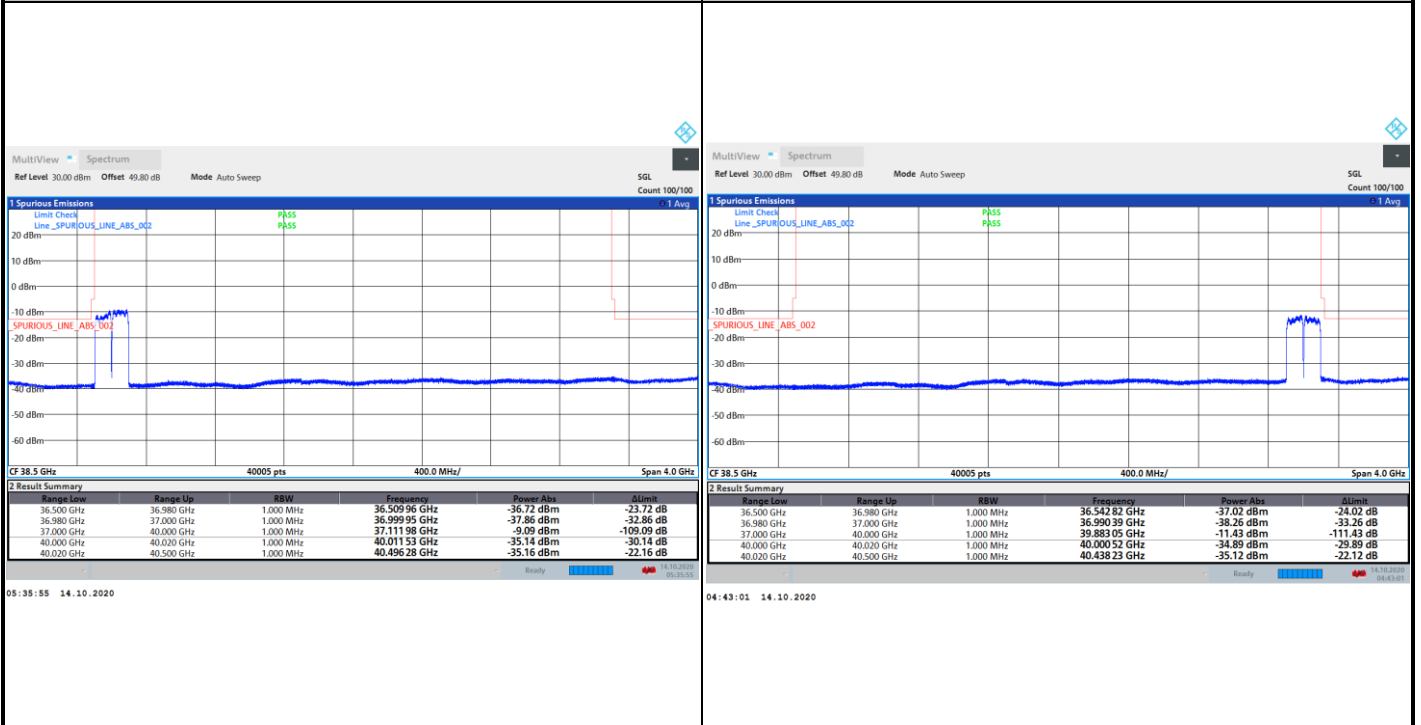


CP-OFDM Module 1

NR Band n260 / 200MHz / 64QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

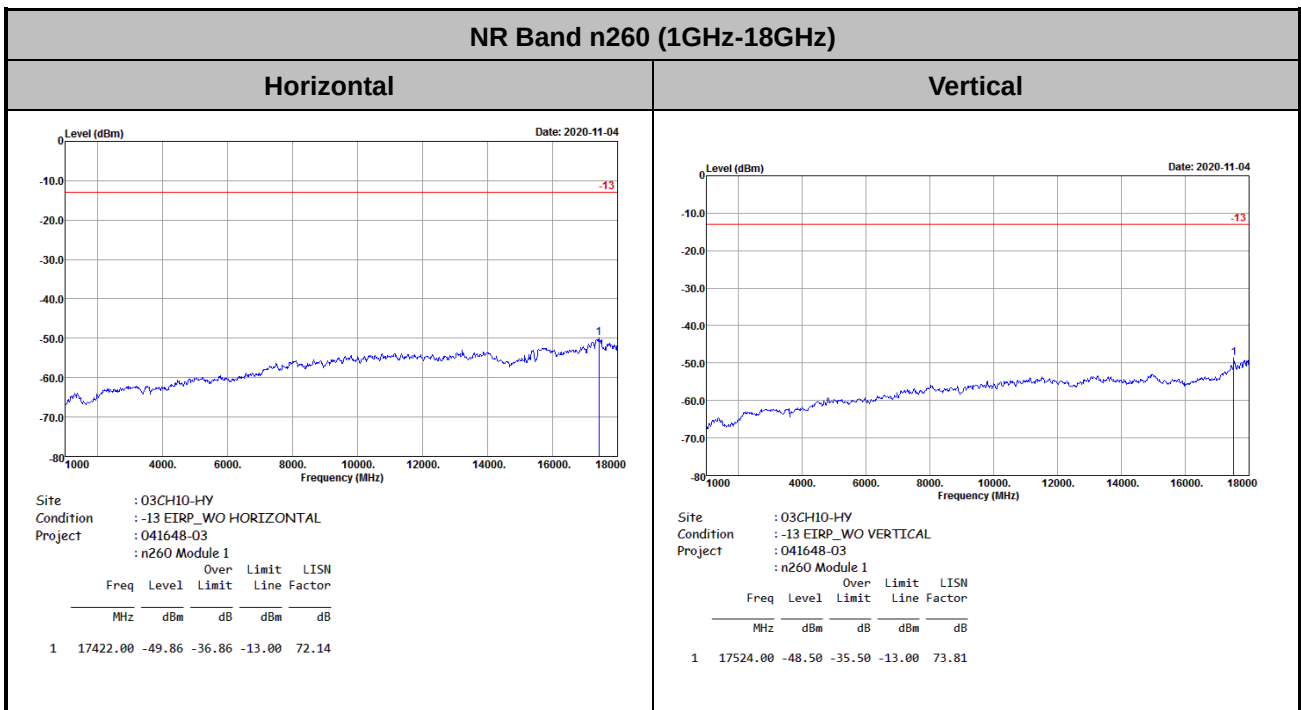
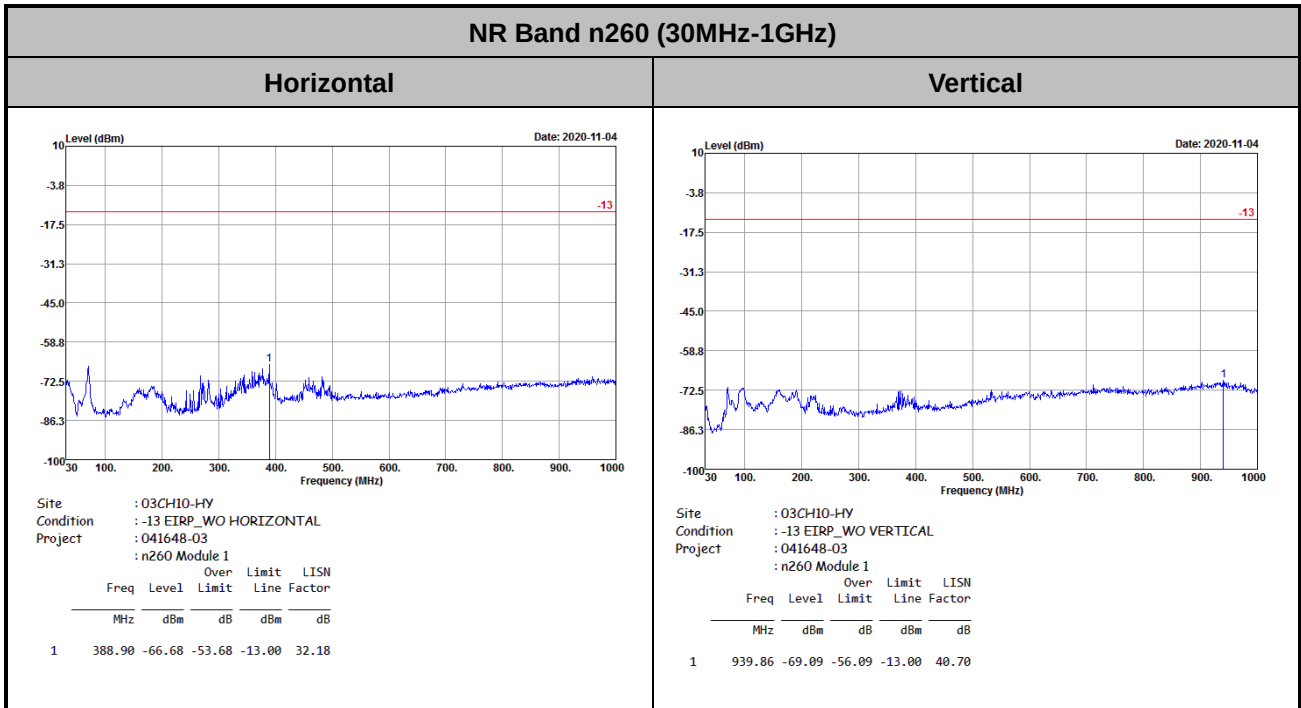




Spurious Emission

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

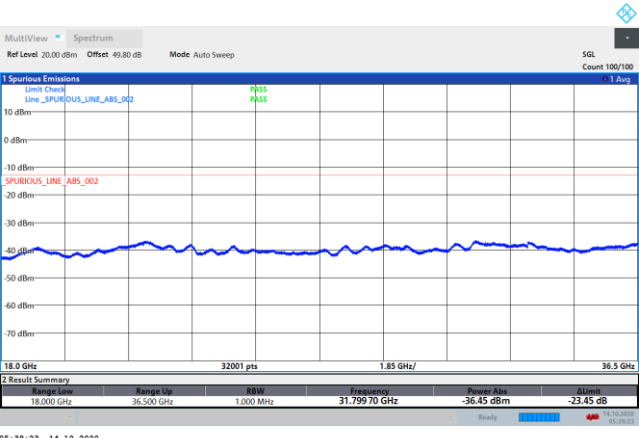
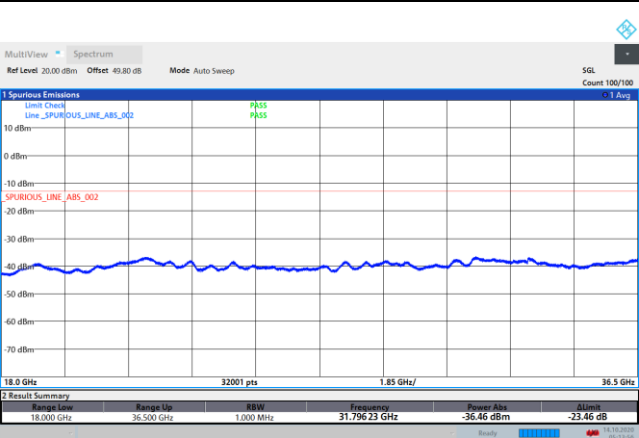
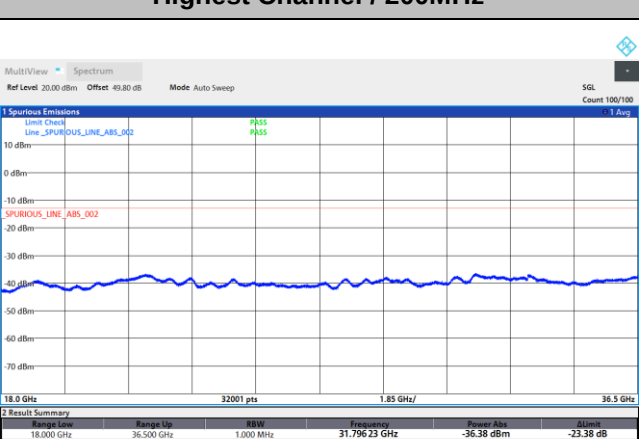
Only the noise floor is reported.





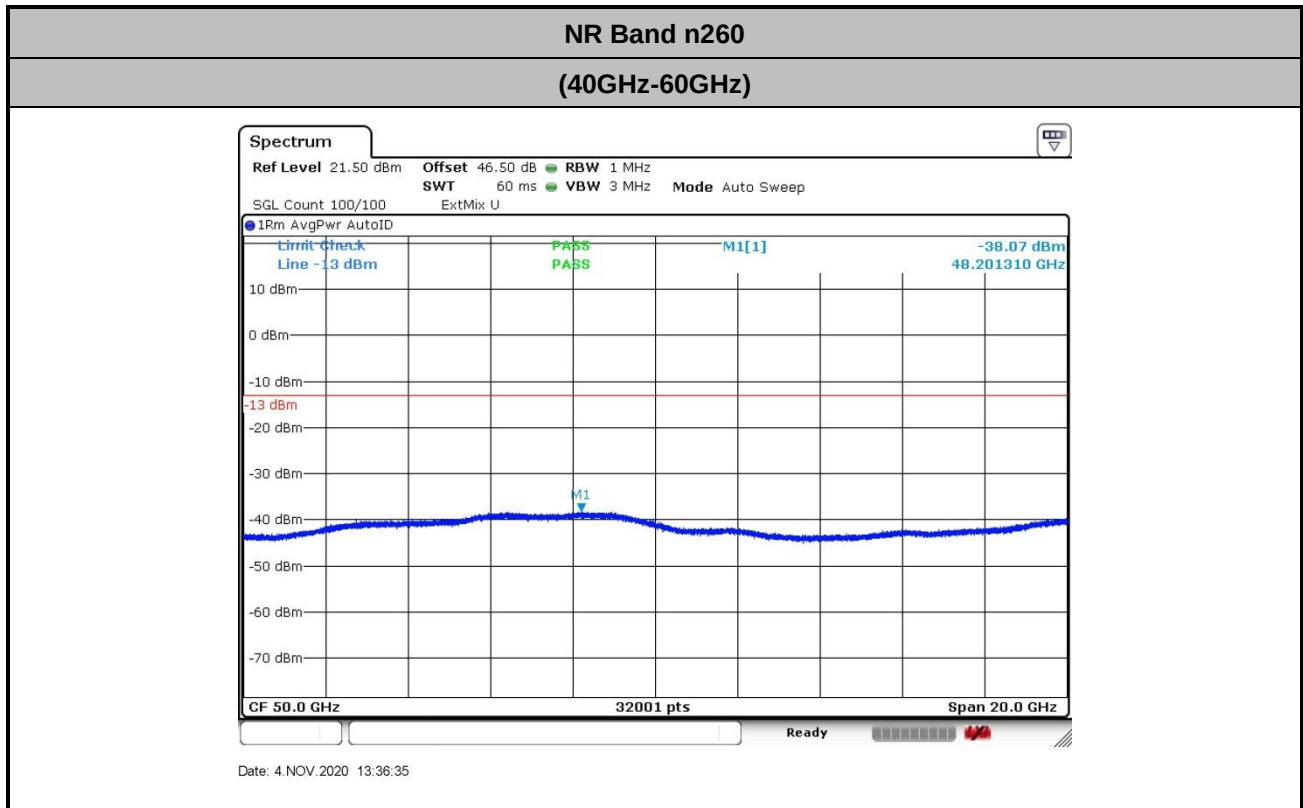
Spurious emission between 18GHz to 40GHz worst case plot is reported as following.

CP-OFDM Module 1

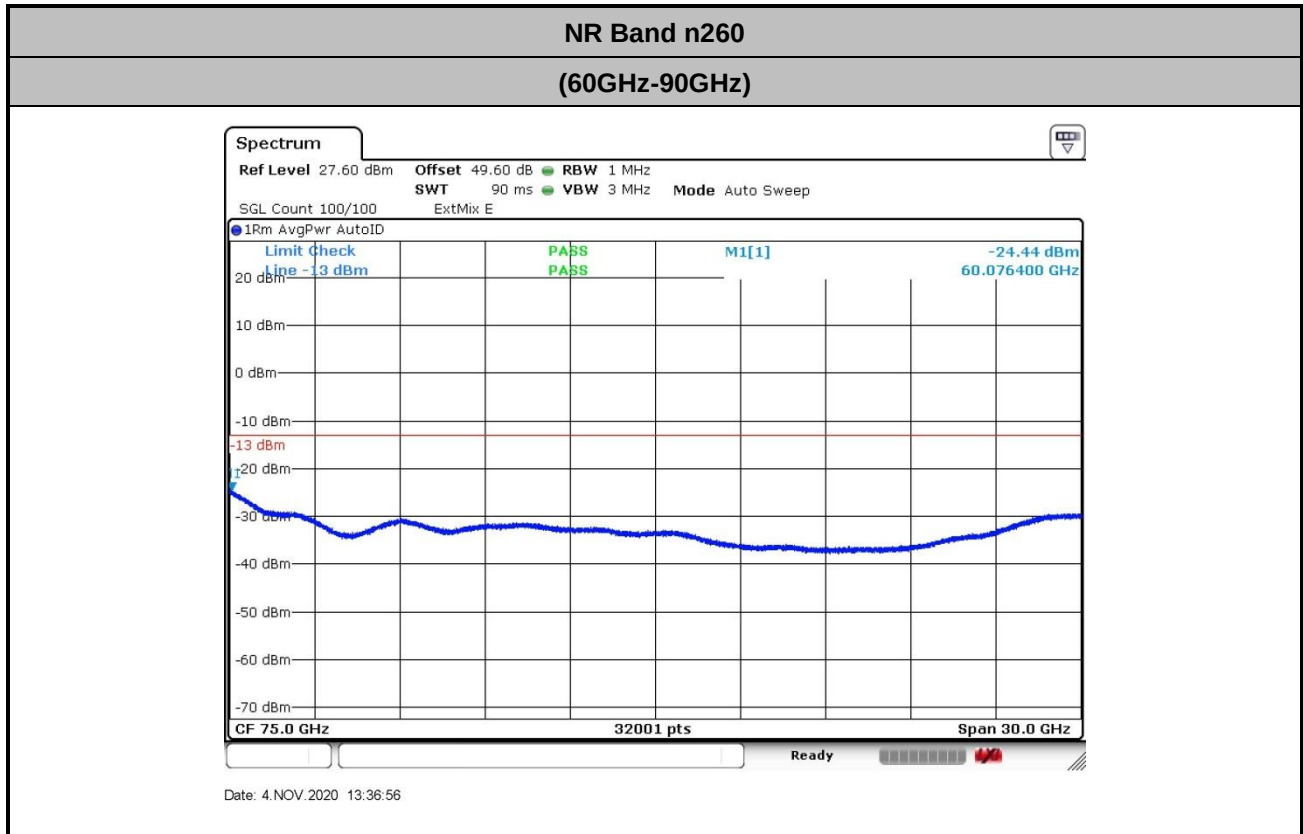
NR Band n260 QPSK (18-40GHz)	
Lowest Channel / 200MHz	
	intentionally blank
Middle Channel / 200MHz	
	intentionally blank
Highest Channel / 200MHz	
	intentionally blank



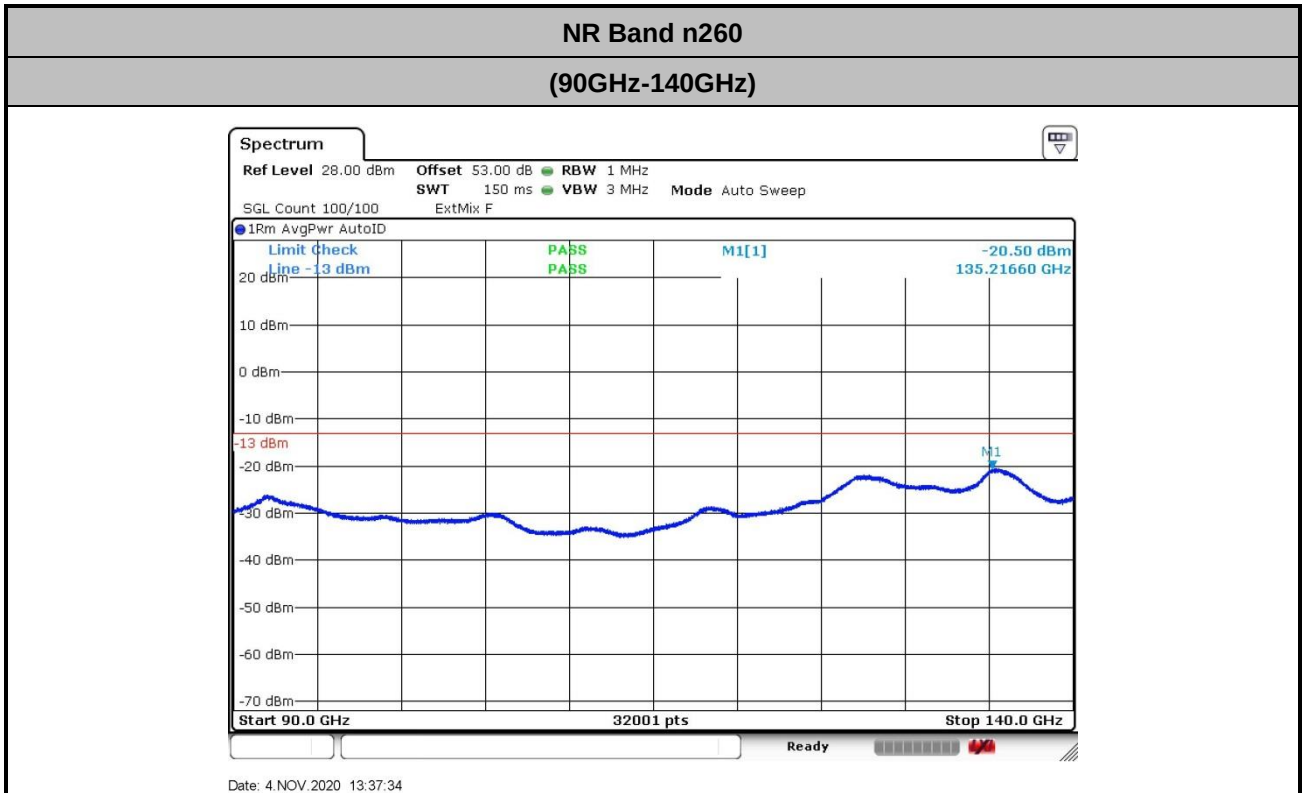
There is no significant spurious emission signal found for frequency started from 40GHz up to 200GHz.
Only the noise floor is reported.



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



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



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



NR Band n260

(140GHz-200GHz)



Date: 4.NOV.2020 14:26:40

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

NR Band n261 Module 0 AG0

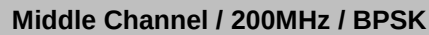
Occupied Bandwidth

Mode	DFT-s-OFDM Module 0 NR Band n261 : 99%OBW(MHz)			
BW	200MHz			
Mod.	BPSK	QPSK	16QAM	64QAM
Lowest CH	188.00	188.59	188.88	188.01
Middle CH	187.87	188.17	188.53	187.80
Highest CH	188.29	188.82	189.11	188.61

Mode	CP-OFDM Module 0 NR Band n261 : 99%OBW(MHz)		
BW	200MHz		
Mod.	QPSK	16QAM	64QAM
Lowest CH	190.27	190.17	190.13
Middle CH	190.65	190.46	190.67
Highest CH	190.96	191.01	192.02



Lowest Channel / 200MHz / BPSK

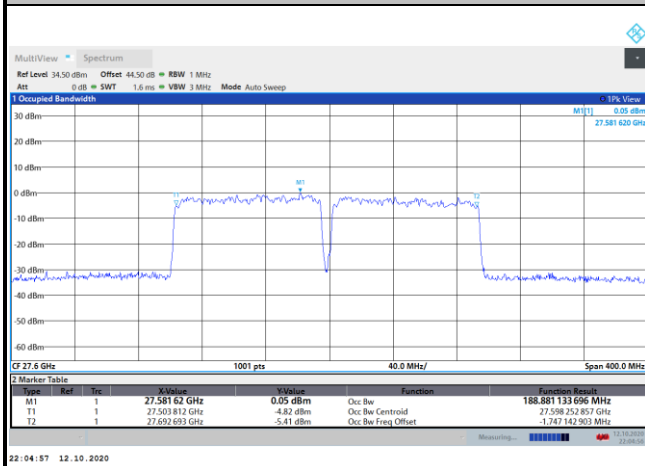




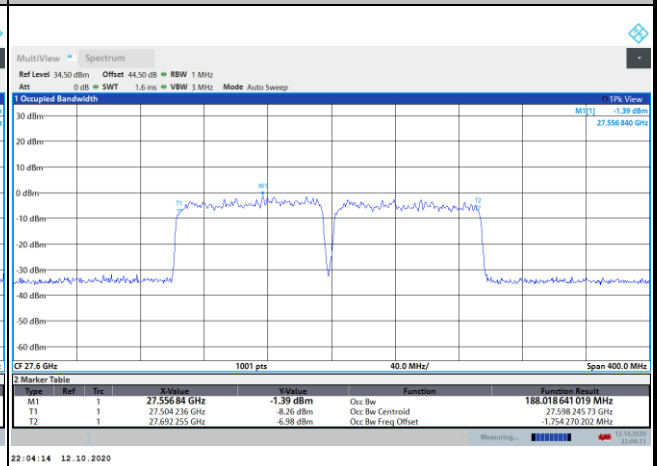
DFT-s-OFDM Module 0

NR Band n261

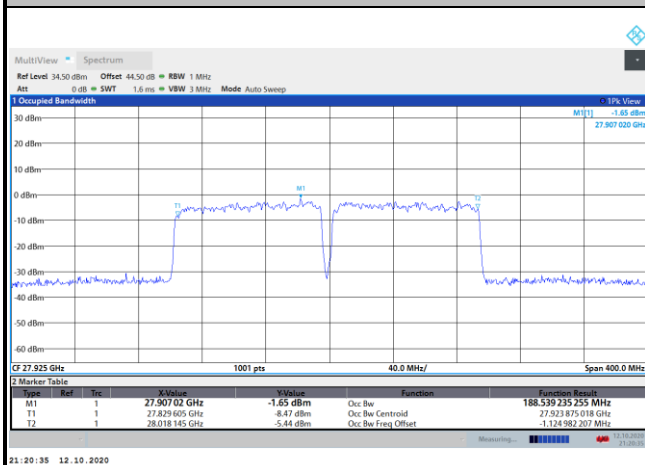
Lowest Channel / 200MHz / 16QAM



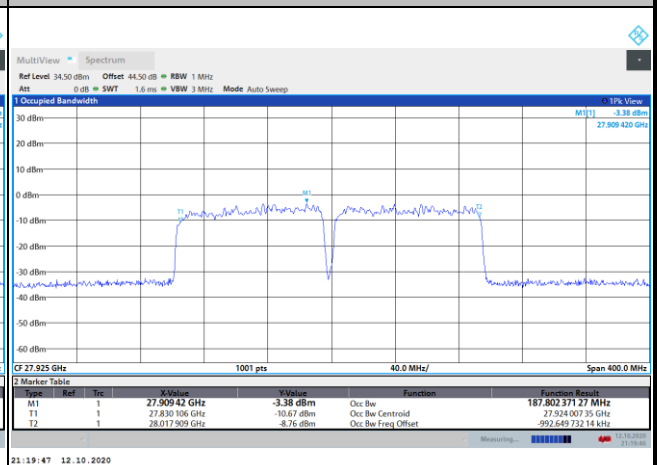
Lowest Channel / 200MHz / 64QAM



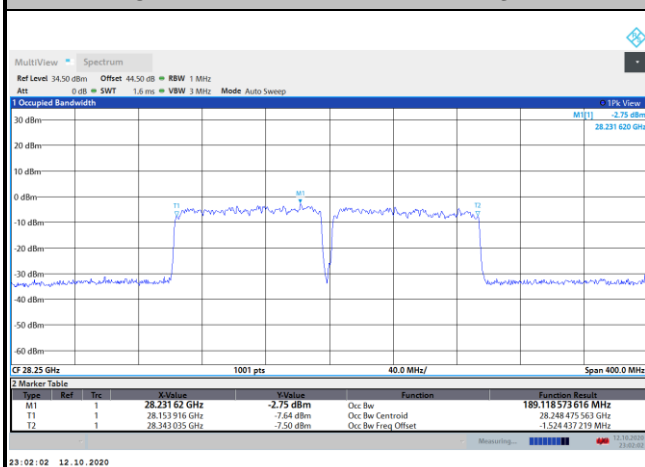
Middle Channel / 200MHz / 16QAM



Middle Channel / 200MHz / 64QAM



Highest Channel / 200MHz / 16QAM



Highest Channel / 200MHz / 64QAM

