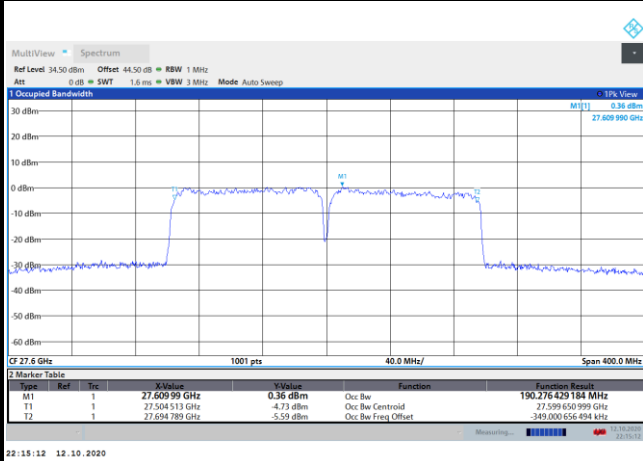




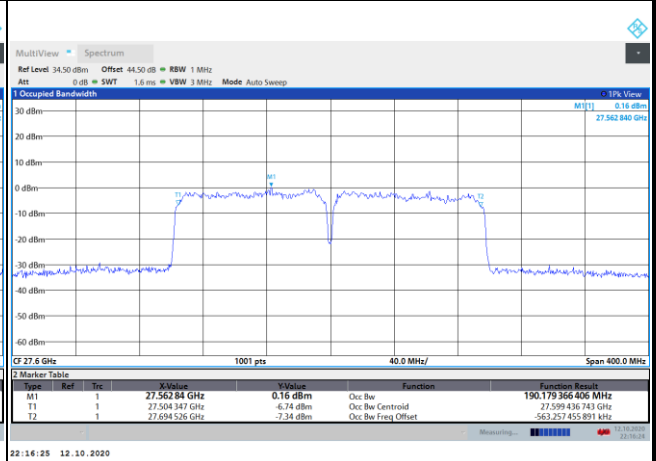
CP-OFDM Module 0

NR Band n261

Lowest Channel / 200MHz / QPSK



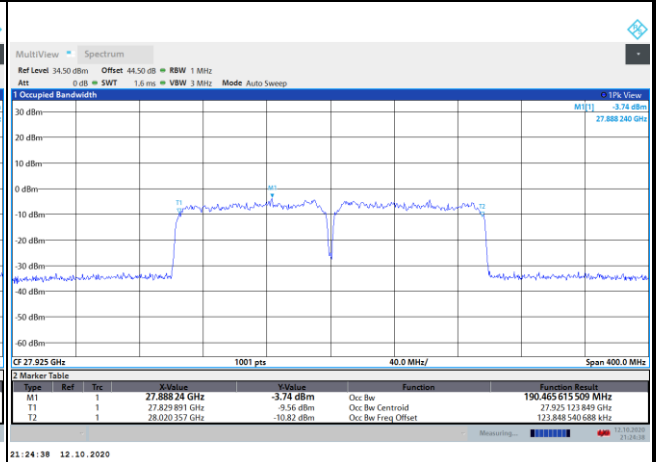
Lowest Channel / 200MHz / 16QAM



Middle Channel / 200MHz / QPSK



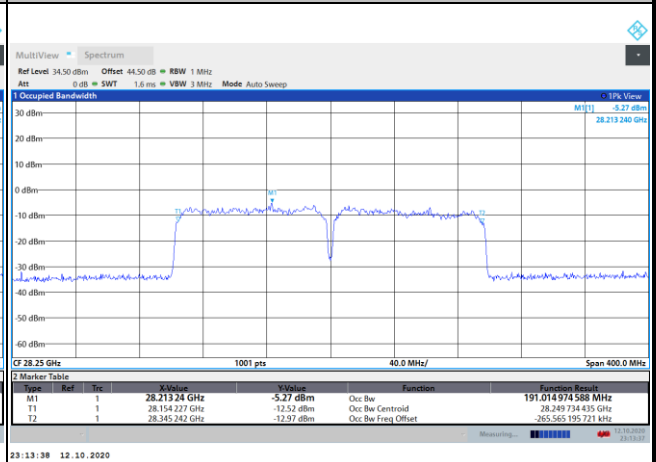
Middle Channel / 200MHz / 16QAM



Highest Channel / 200MHz / QPSK



Highest Channel / 200MHz / 16QAM

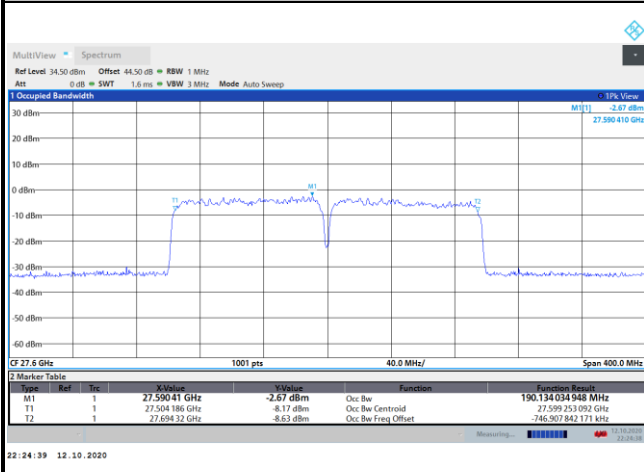




CP-OFDM Module 0

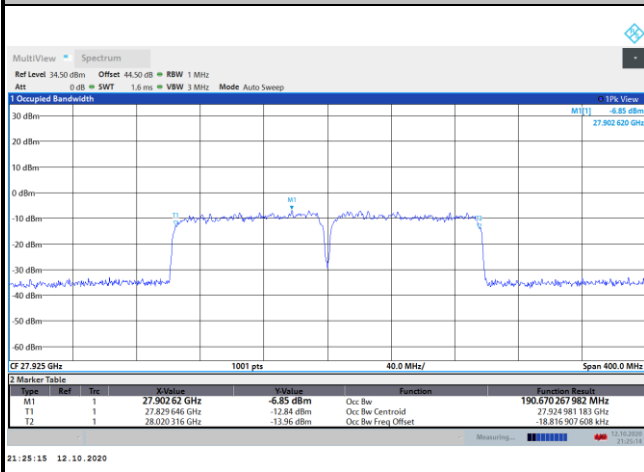
NR Band n261

Lowest Channel / 200MHz / 64QAM



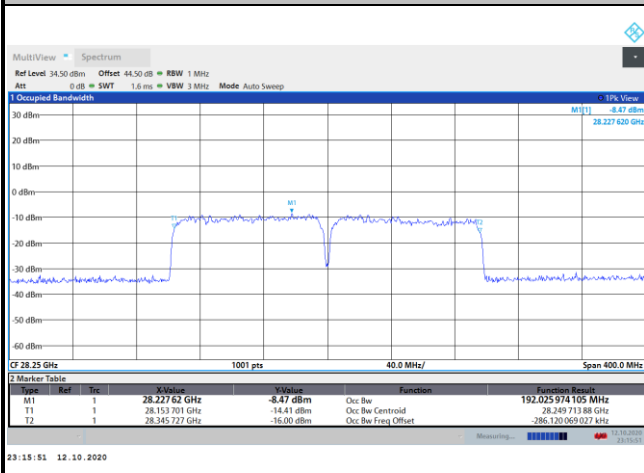
intentionally blank

Middle Channel / 200MHz / 64QAM



intentionally blank

Highest Channel / 200MHz / 64QAM



intentionally blank



Radiated Out of Band Emissions

Mode			DFT-s-OFDM Module 0 NR Band n261 : BE (dBm) 1 RB			
BW			200MHz			
Limit (dBm)			BPSK	QPSK	16QAM	64QAM
Low CH	0~10%OB	≤ -5	-32.09	-31.87	-32.13	-31.79
	>10%OB	≤ -13	-38.32	-37.26	-36.73	-35.68
HighCH	0~10%OB	≤ -5	-36.4	-37.86	-36.74	-36.58
	>10%OB	≤ -13	-39.3	-38.63	-38.2	-38.07
Result			Compliance			

Mode			CP-OFDM Module 0 NR Band n261 : BE (dBm) 1 RB		
BW			200MHz		
Limit (dBm)			QPSK	16QAM	64QAM
Low CH	0~10%OB	≤ -5	-31.87	-32.13	-31.79
	>10%OB	≤ -13	-37.26	-36.73	-35.68
High CH	0~10%OB	≤ -5	-38.84	-37.22	-38.9
	>10%OB	≤ -13	-36.71	-37.14	-40.69
Result			Compliance		

Mode			DFT-s-OFDM Module 0 NR Band n261 : BE (dBm) Full RB			
BW			200MHz			
Limit (dBm)			BPSK	QPSK	16QAM	64QAM
Low CH	0~10%OB	≤ -5	-37.44	-38.9	-40.56	-41.01
	>10%OB	≤ -13	-38.03	-39.27	-41.02	-42.29
HighCH	0~10%OB	≤ -5	-41.65	-41.32	-41.96	-42.34
	>10%OB	≤ -13	-41.55	-41.4	-41.92	-41.69
Result			Compliance			

Mode			CP-OFDM Module 0 NR Band n261 : BE (dBm) Full RB		
BW			200MHz		
Limit (dBm)			QPSK	16QAM	64QAM
Low CH	0~10%OB	≤ -5	-38.45	-40.08	-42.58
	>10%OB	≤ -13	-39.25	-40.64	-43.04
High CH	0~10%OB	≤ -5	-40.88	-41.96	-42.95
	>10%OB	≤ -13	-41.13	-41.9	-41.71
Result			Compliance		

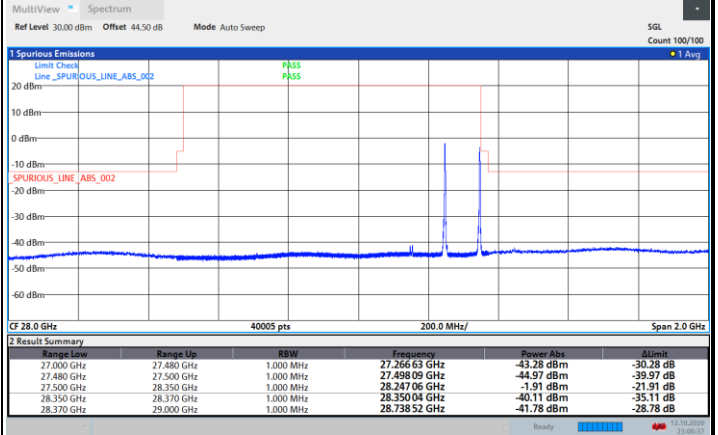
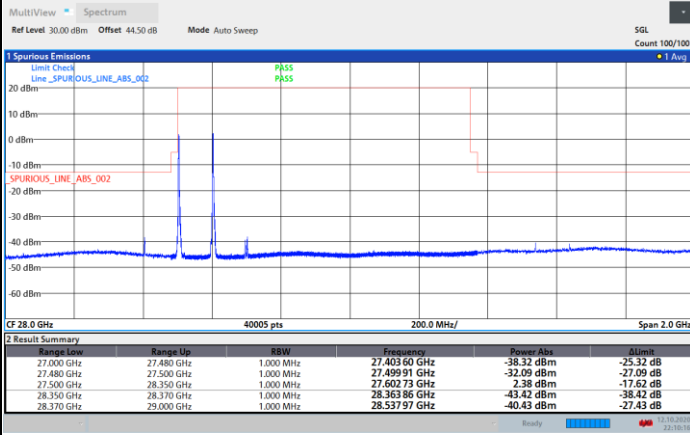


DFT-s-OFDM Module 0

NR Band n261 / 200MHz / BPSK

Lowest Band Edge / 1 RB

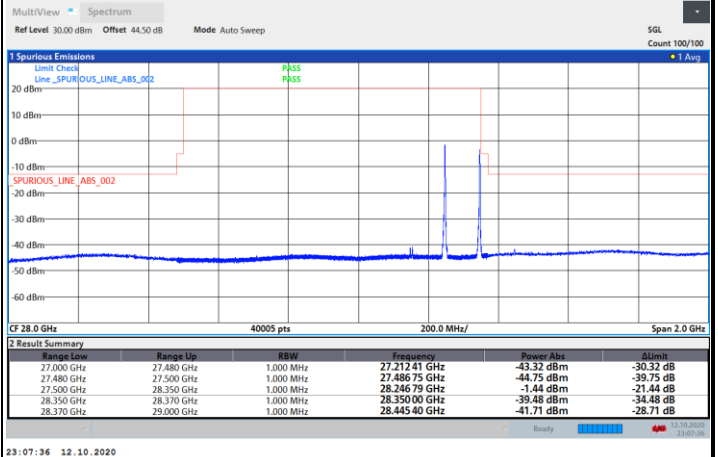
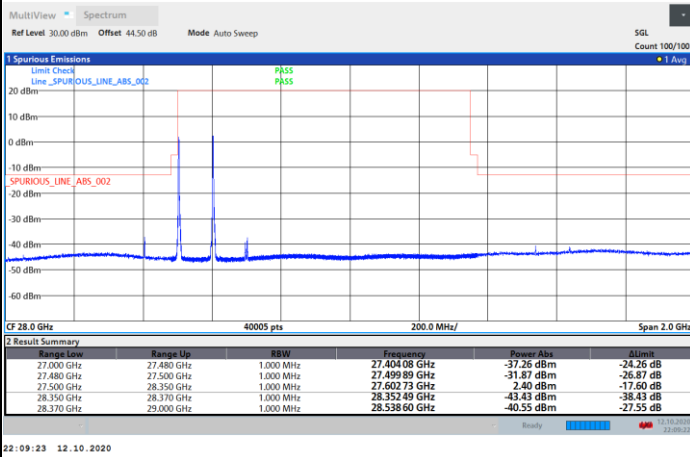
Highest Band Edge / 1 RB



NR Band n261 / 200MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



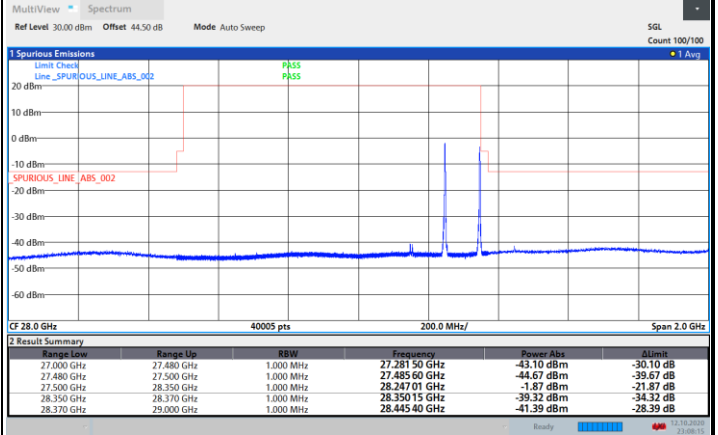
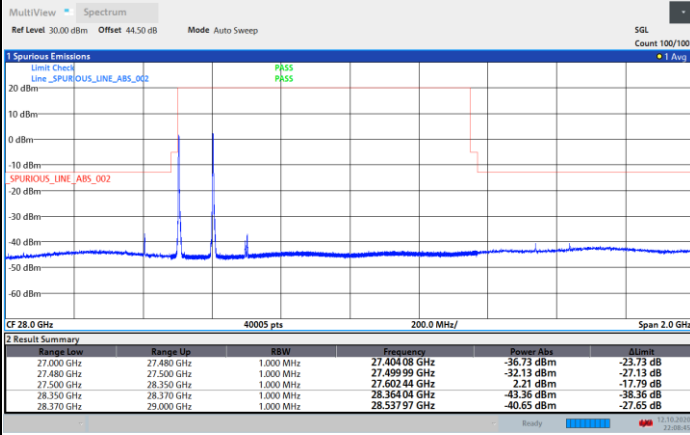


DFT-s-OFDM Module 0

NR Band n261 / 200MHz / 16QAM

Lowest Band Edge / 1 RB

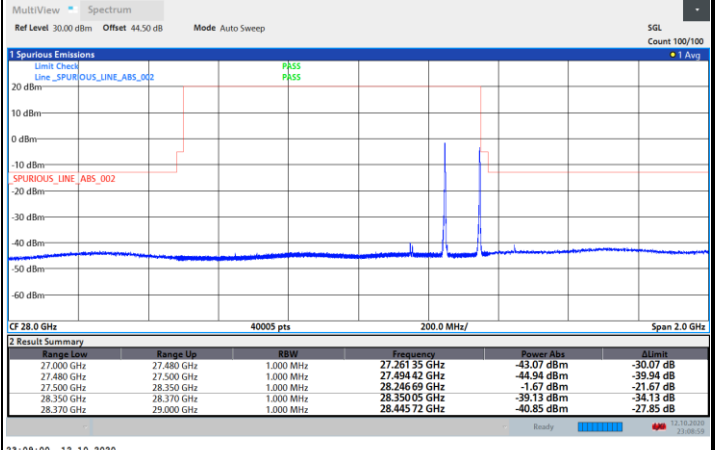
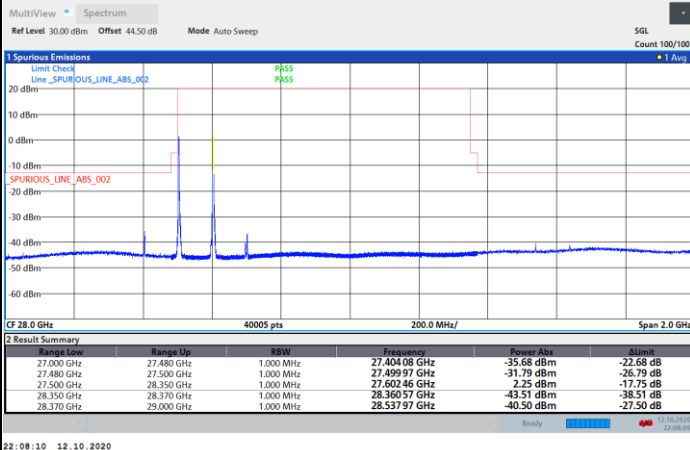
Highest Band Edge / 1 RB



NR Band n261 / 200MHz / 64QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



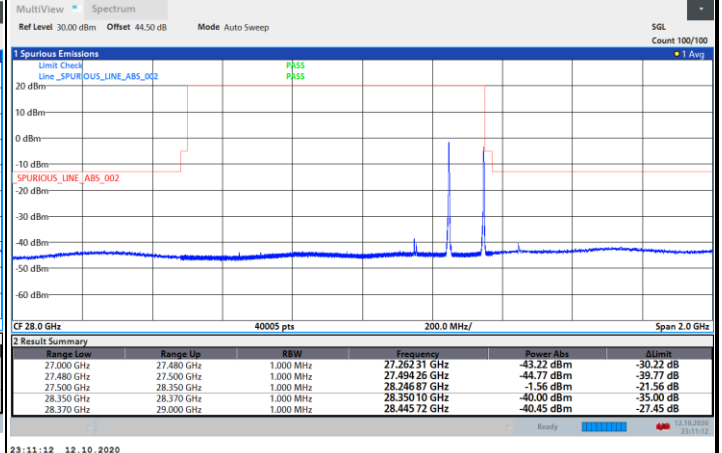
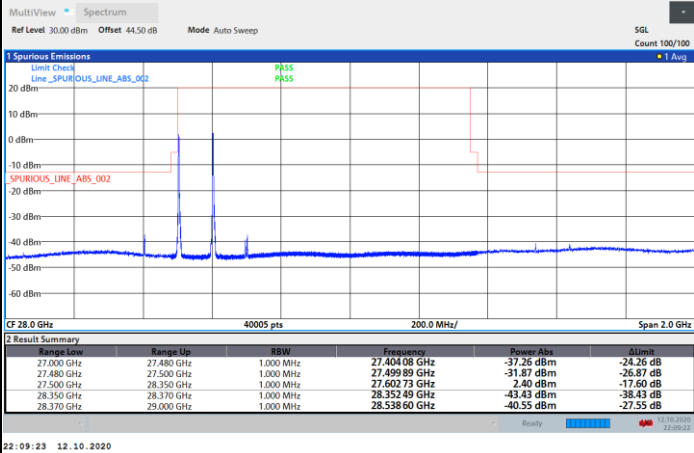


CP-OFDM Module 0

NR Band n261 / 200MHz / QPSK

Lowest Band Edge / 1 RB

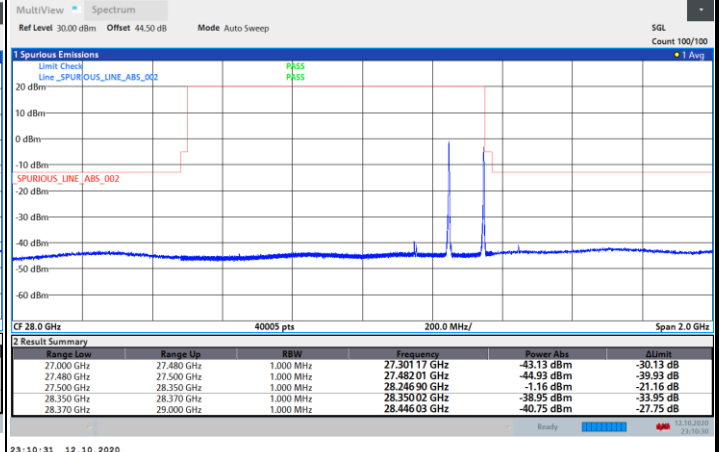
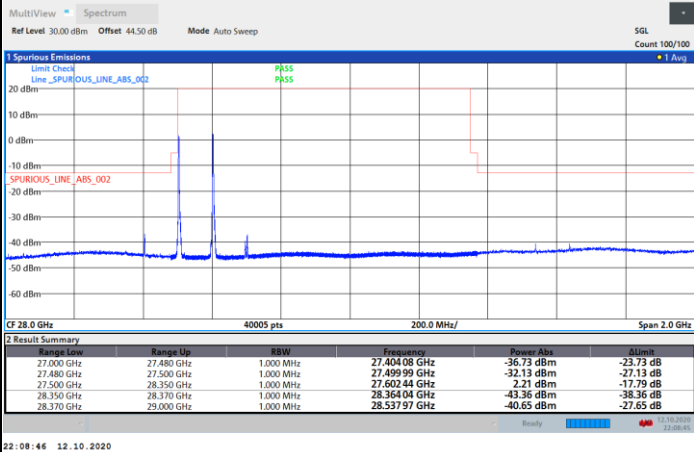
Highest Band Edge / 1 RB



NR Band n261 / 200MHz / 16QAM

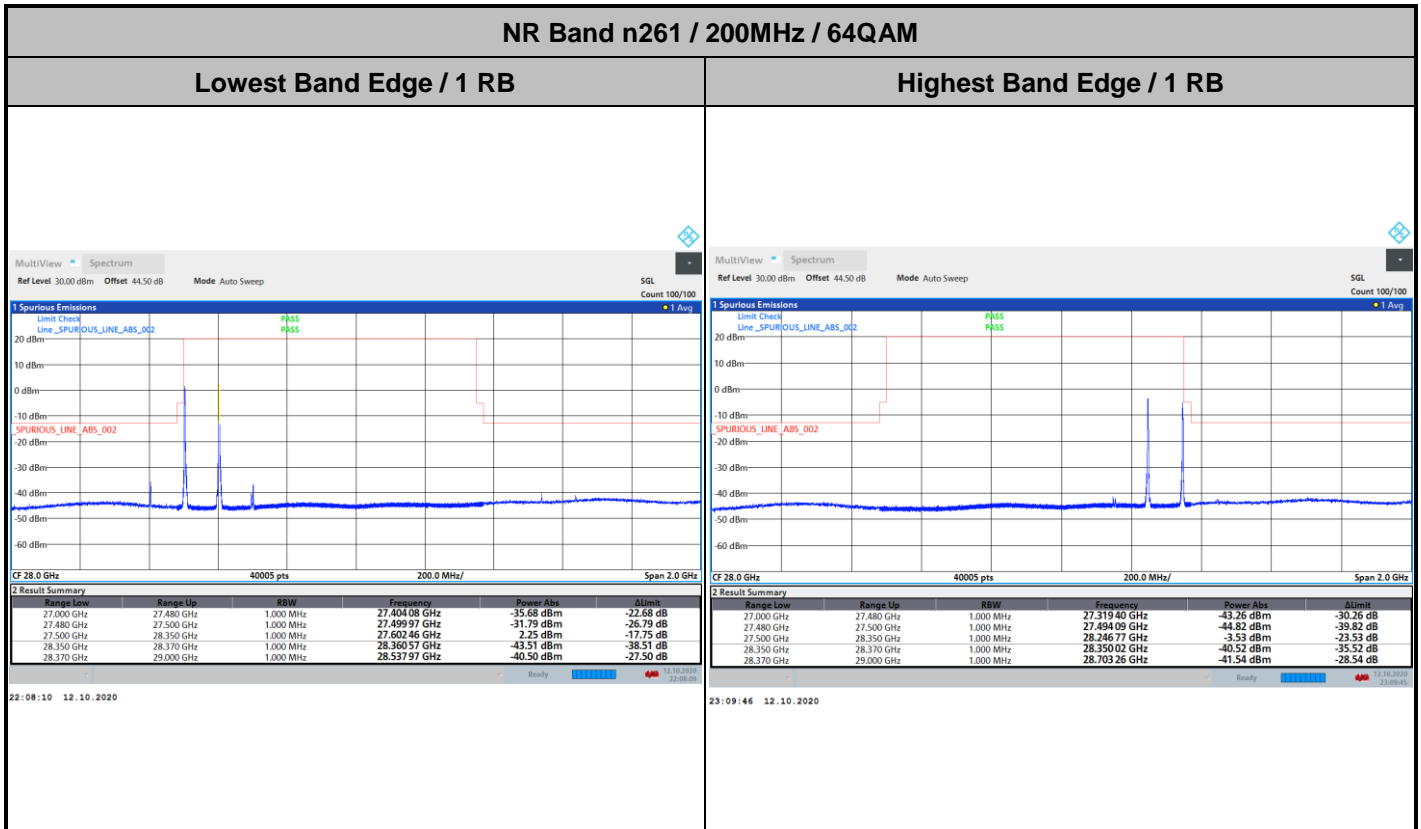
Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB





CP-OFDM Module 0

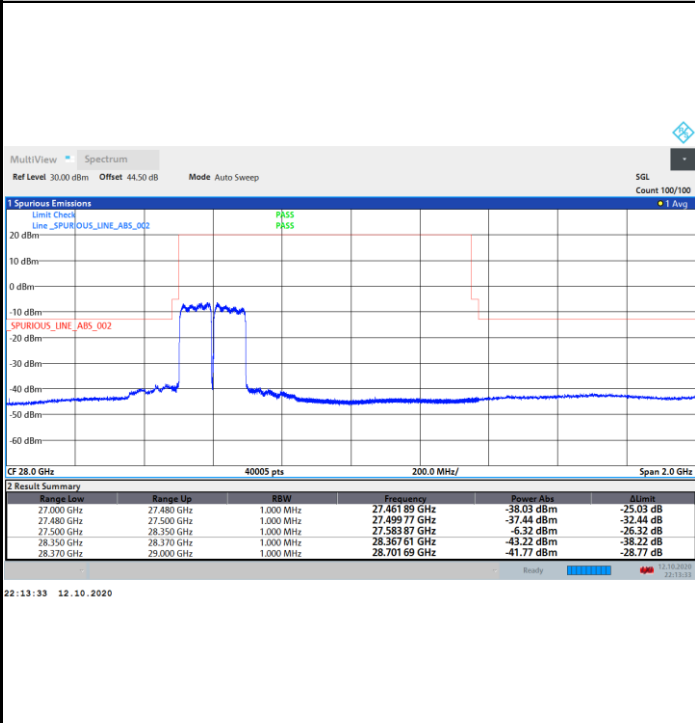




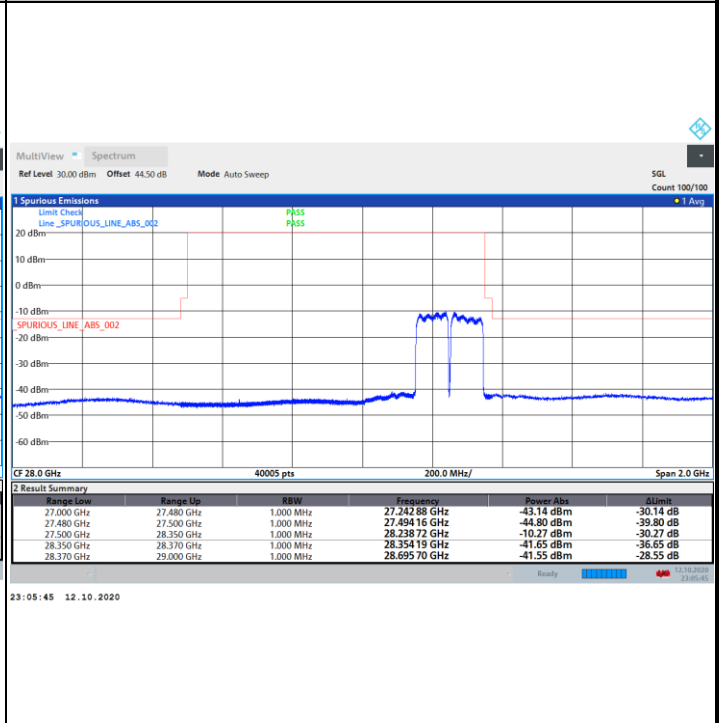
DFT-s-OFDM Module 0

NR Band n261 / 200MHz / BPSK

Lowest Band Edge / Full RB

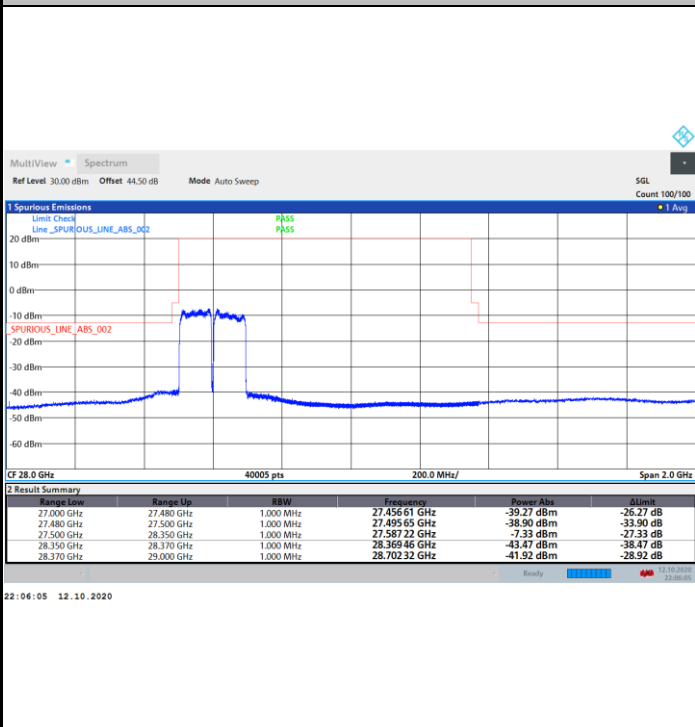


Highest Band Edge / Full RB

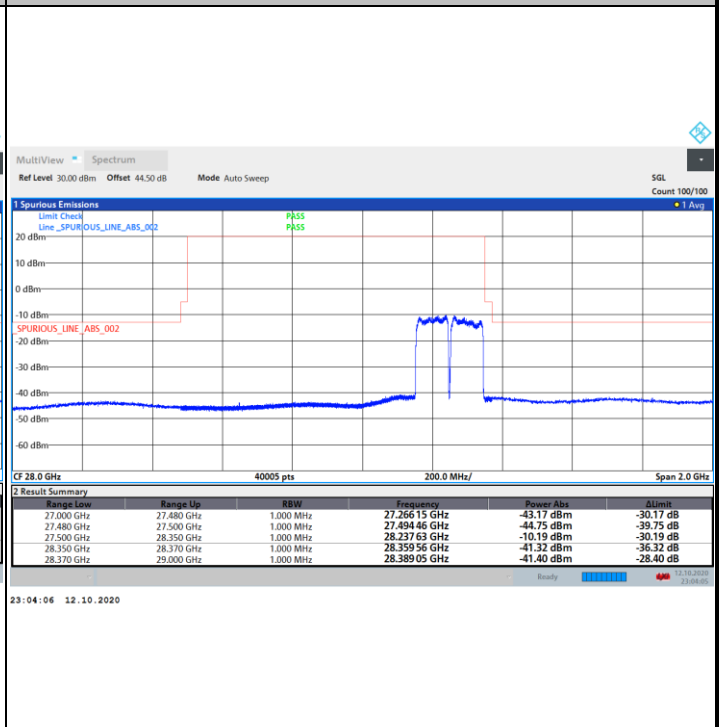


NR Band n261 / 200MHz / QPSK

Lowest Band Edge / Full RB



Highest Band Edge / Full RB



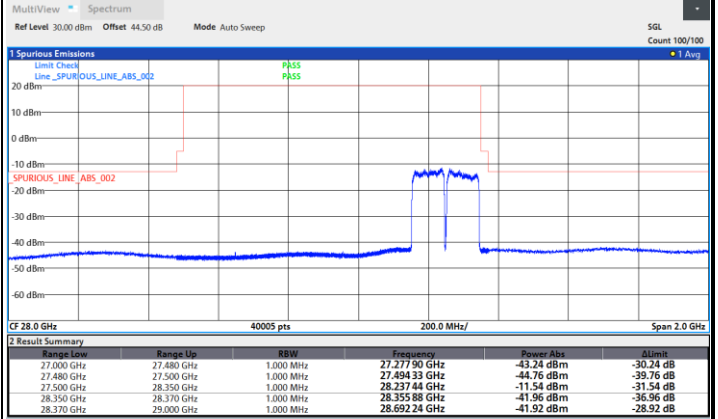
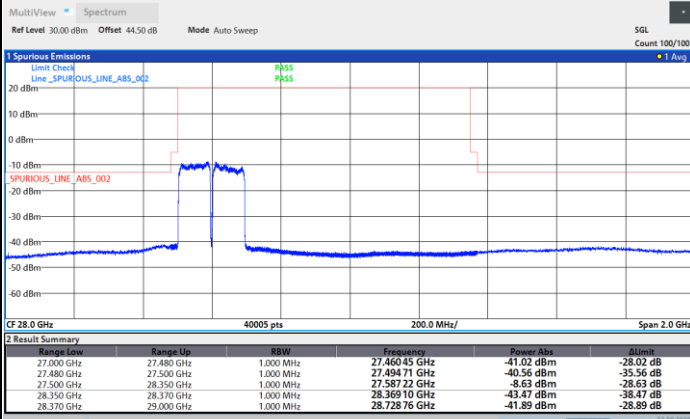


DFT-s-OFDM Module 0

NR Band n261 / 200MHz / 16QAM

Lowest Band Edge / Full RB

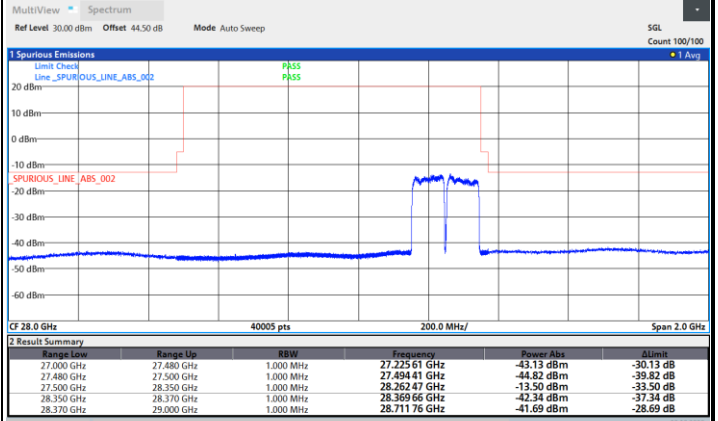
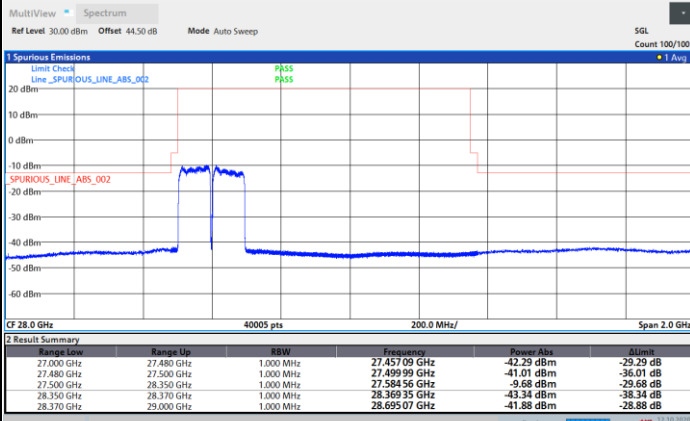
Highest Band Edge / Full RB



NR Band n261 / 200MHz / 64QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



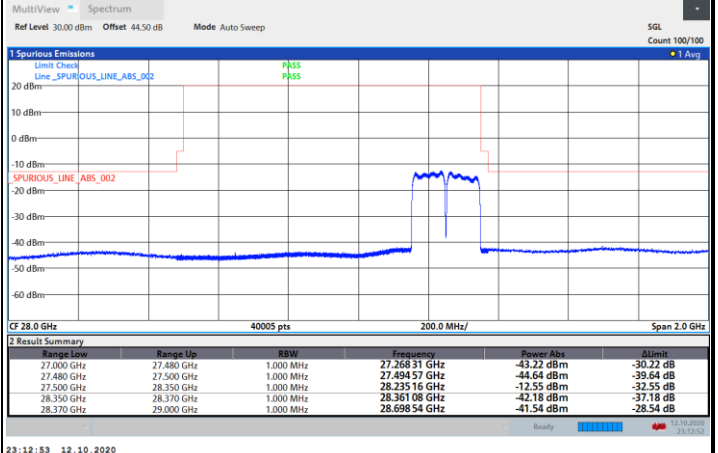
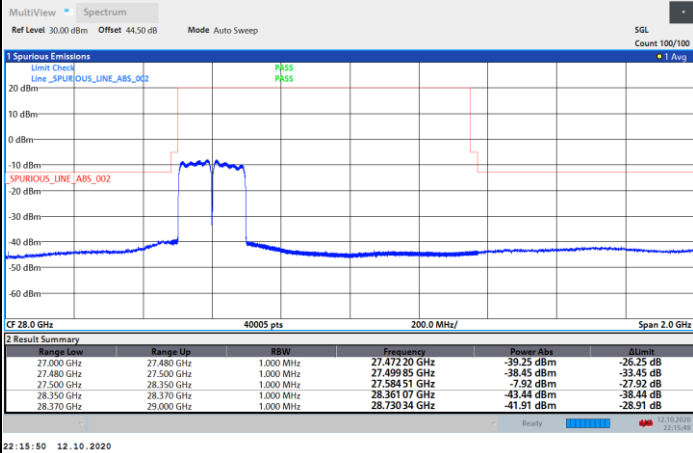


CP-OFDM Module 0

NR Band n261 / 200MHz / QPSK

Lowest Band Edge / Full RB

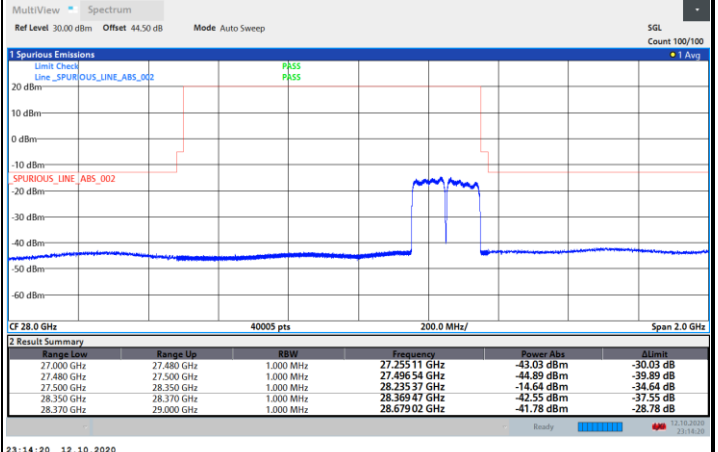
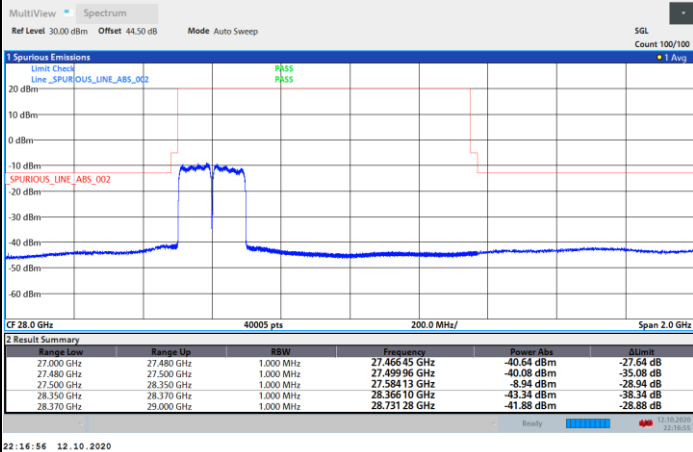
Highest Band Edge / Full RB



NR Band n261 / 200MHz / 16QAM

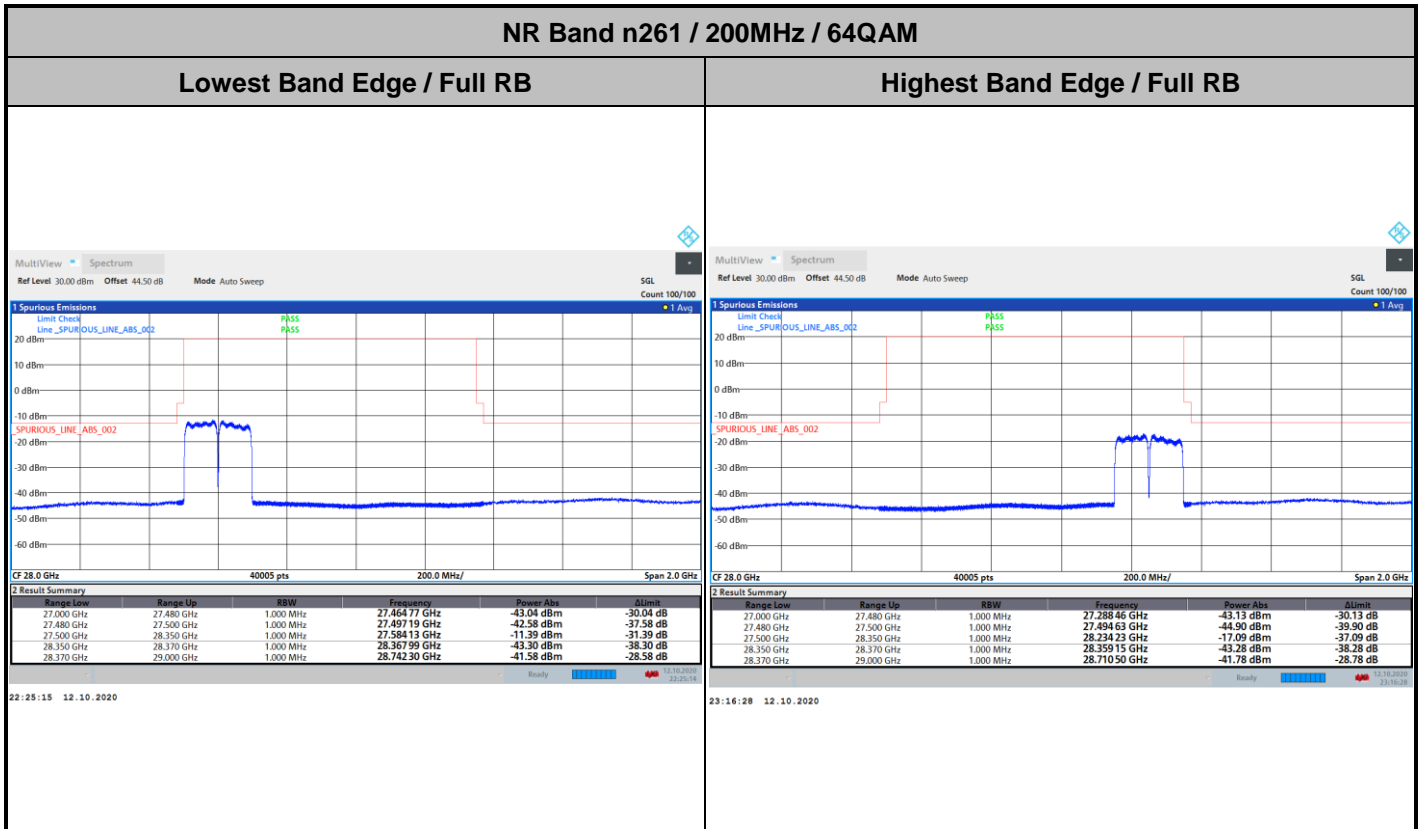
Lowest Band Edge / Full RB

Highest Band Edge / Full RB





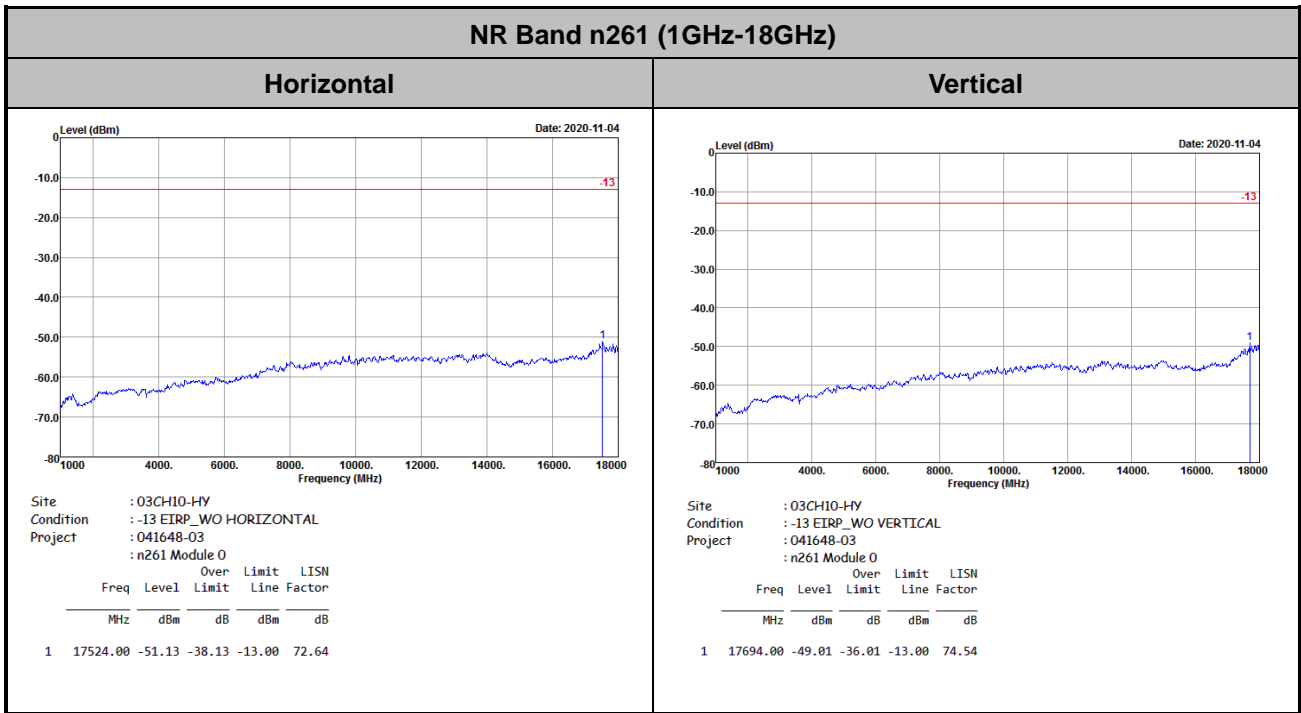
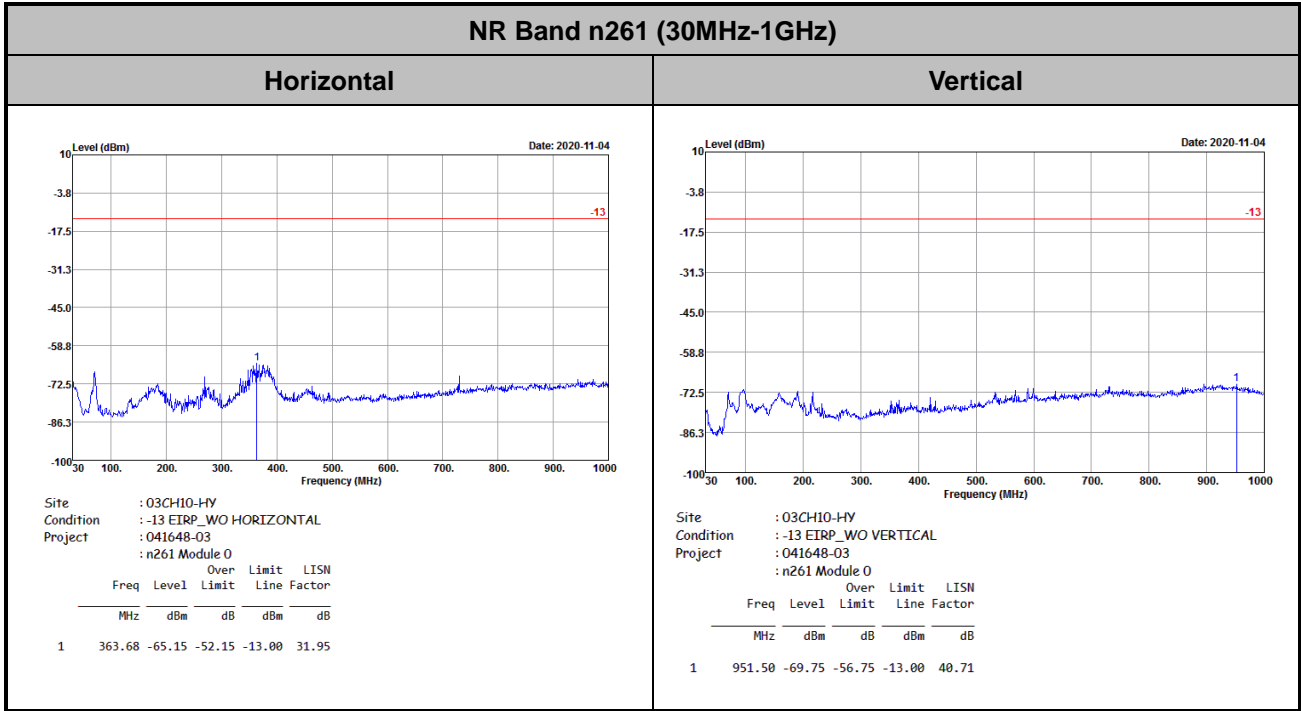
CP-OFDM Module 0





Spurious Emission

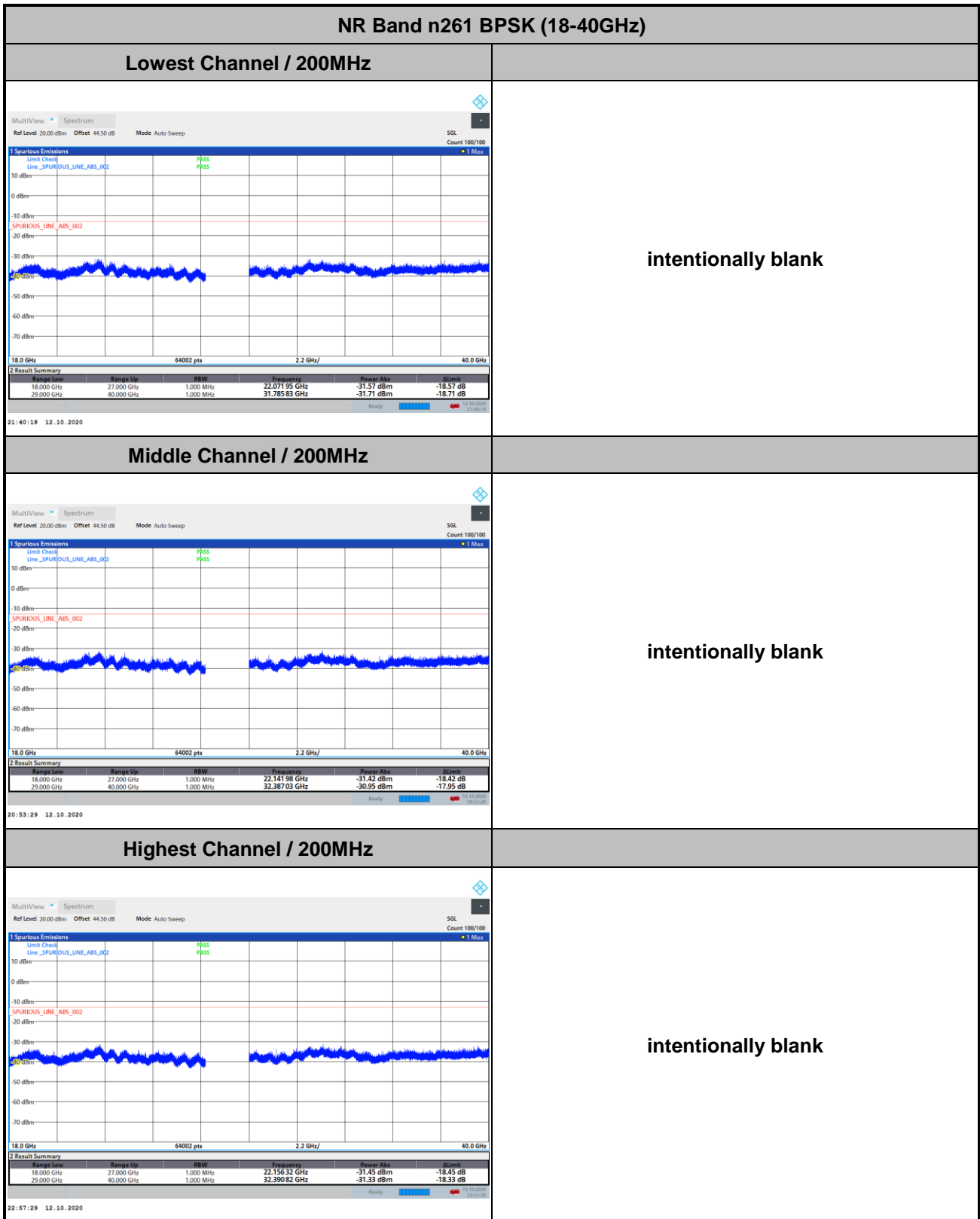
There is no significant spurious emission signal found for frequency started from 30MHz up to 18GHz.
Only the noise floor is reported.





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

DFT-s-OFDM Module 0

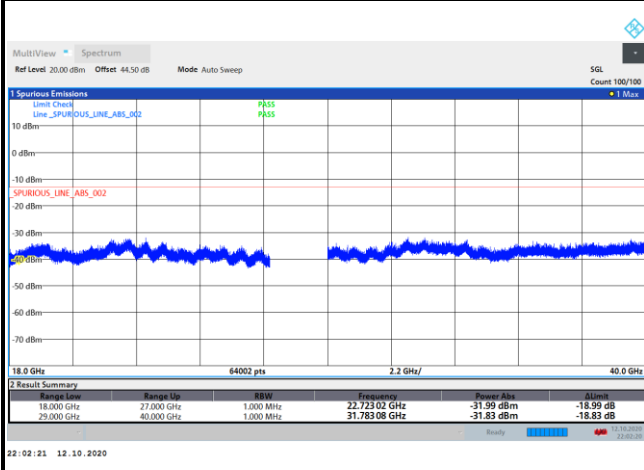




DFT-s-OFDM Module 0

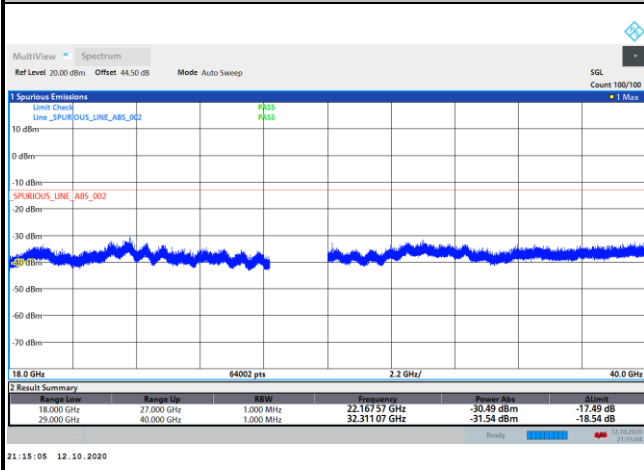
NR Band n261 QPSK (18-40GHz)

Lowest Channel / 200MHz



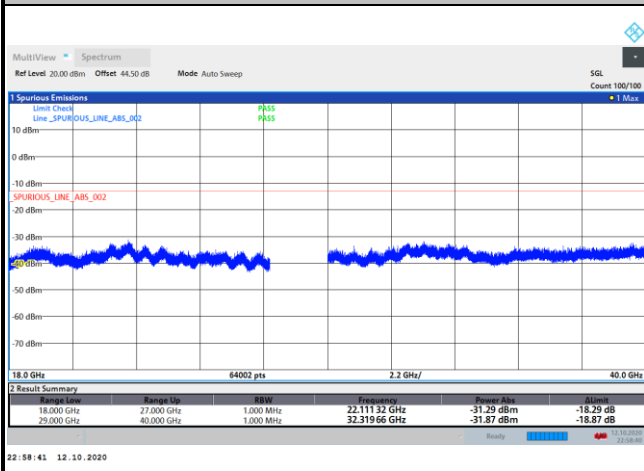
intentionally blank

Middle Channel / 200MHz



intentionally blank

Highest Channel / 200MHz



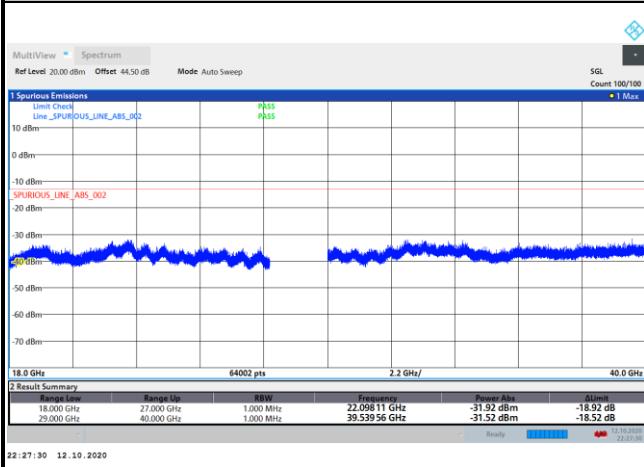
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CP-OFDM Module 0

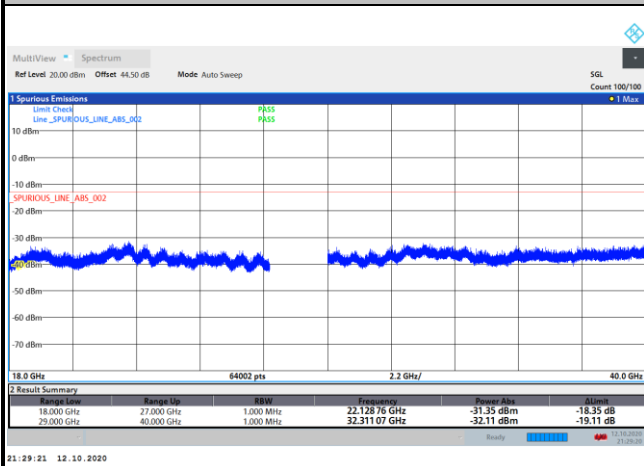
NR Band n261 QPSK (18-40GHz)

Lowest Channel / 200MHz



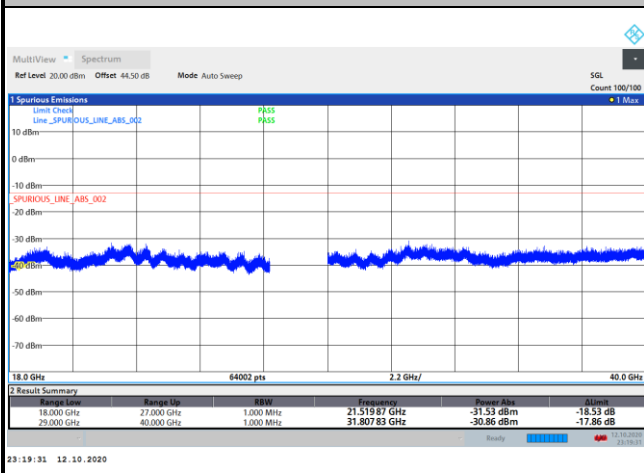
intentionally blank

Middle Channel / 200MHz



intentionally blank

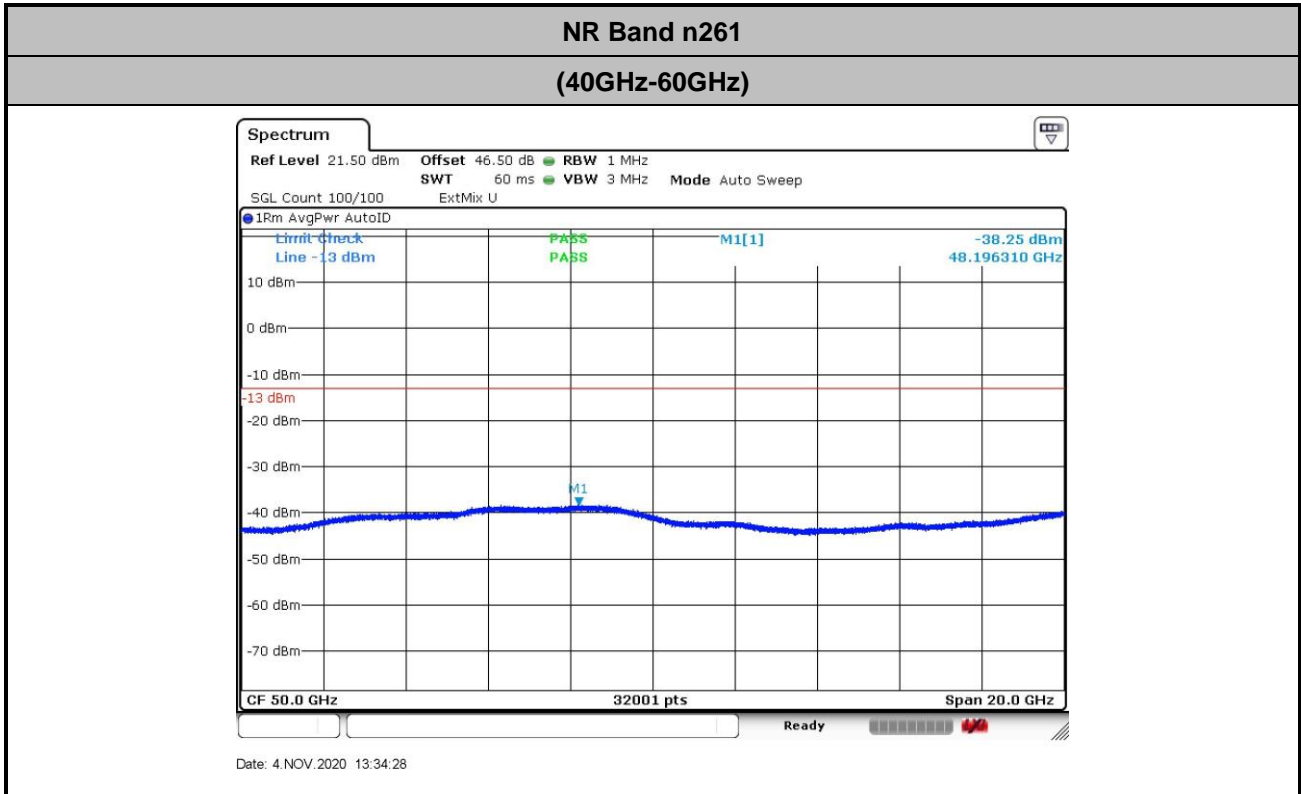
Highest Channel / 200MHz



intentionally blank



There is no significant spurious emission signal found for frequency started from 40GHz up to 100GHz. Only the noise floor is reported.

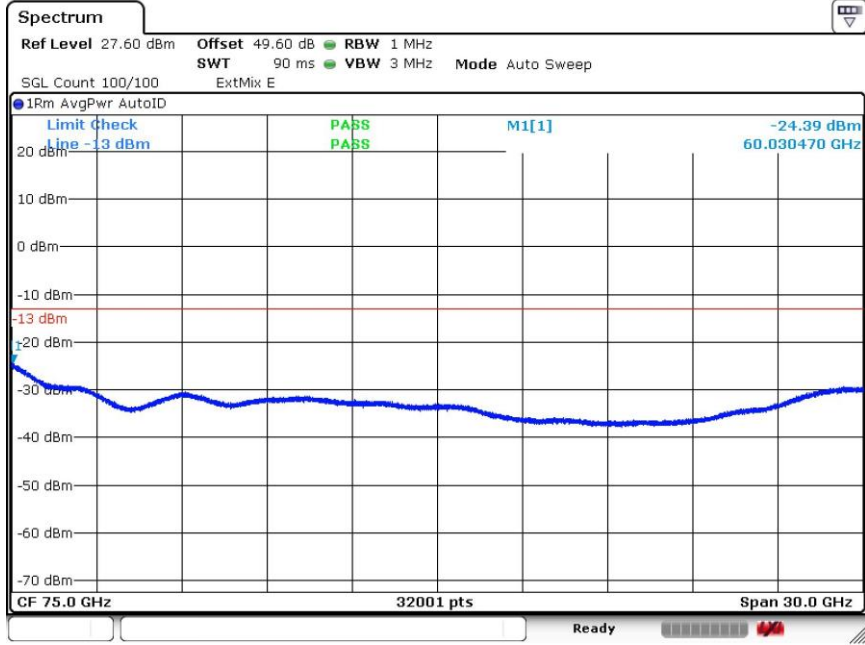


$$\begin{aligned}
 \text{Offset} &= \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 \\
 &= 42.3 + 2 + 107 + 20\log(1) - 104.8 \\
 &= 46.5 \text{ (dB)}
 \end{aligned}$$



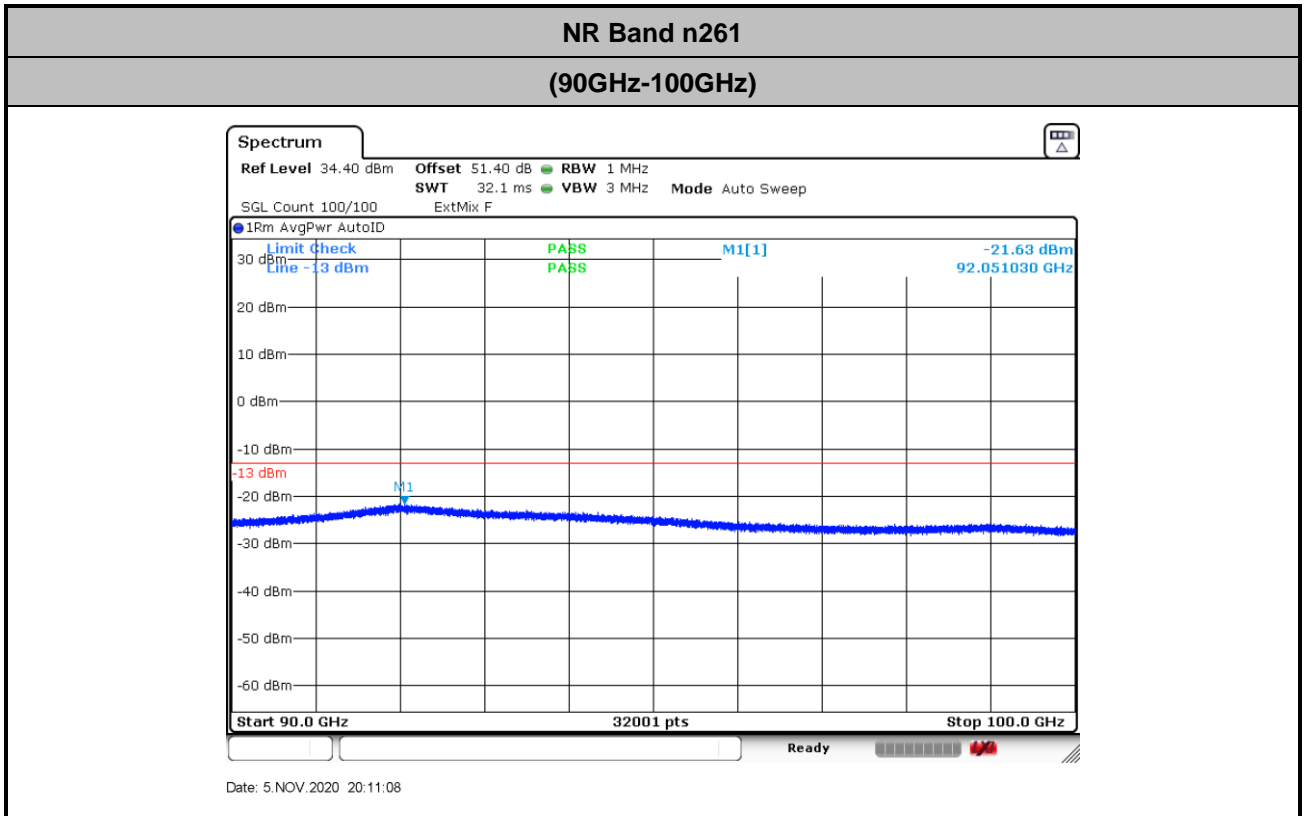
NR Band n261

(60GHz-90GHz)



Date: 4.NOV.2020 13:35:29

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



$$\begin{aligned}
 \text{Offset} &= \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 \\
 &= 47.2 + 2 + 107 + 20\log(1) - 104.8 \\
 &= 51.4 \text{ (dB)}
 \end{aligned}$$



NR Band n261 Module 0 AG1

Occupied Bandwidth

Mode	DFT-s-OFDM Module 0 NR Band n261 : 99%OBW(MHz)			
BW	200MHz			
Mod.	BPSK	QPSK	16QAM	64QAM
Lowest CH	187.80	188.42	188.62	187.93
Middle CH	188.21	188.26	188.16	188.16
Highest CH	188.28	188.31	188.24	188.31

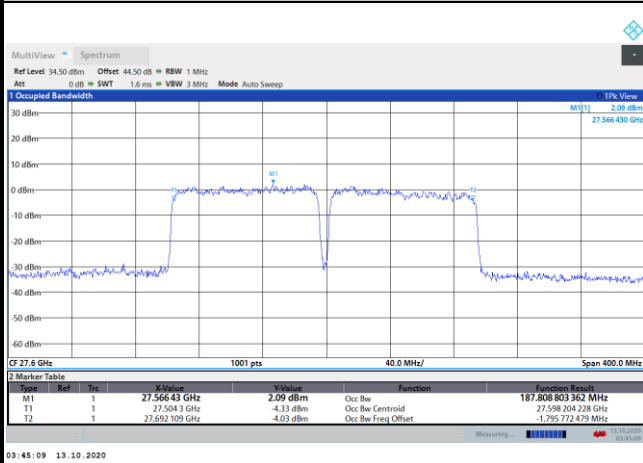
Mode	CP-OFDM Module 0 NR Band n261 : 99%OBW(MHz)		
BW	200MHz		
Mod.	QPSK	16QAM	64QAM
Lowest CH	189.61	189.96	189.86
Middle CH	189.95	190.42	190.84
Highest CH	190.41	190.50	191.12



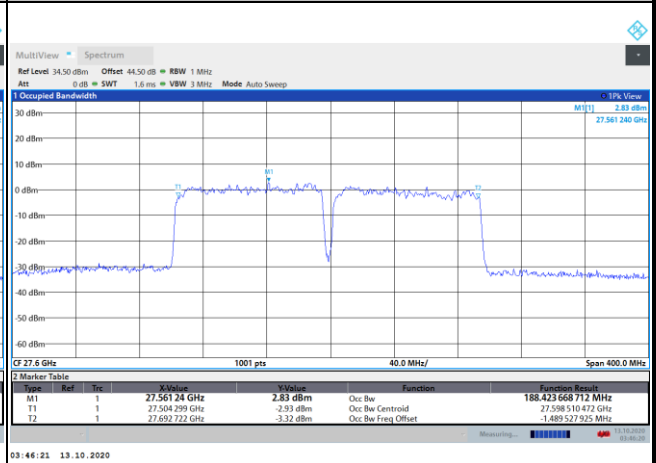
DFT-s-OFDM Module 0

NR Band n261

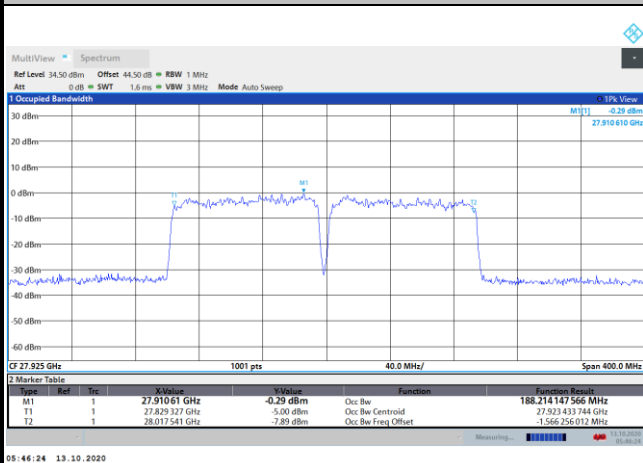
Lowest Channel / 200MHz / BPSK



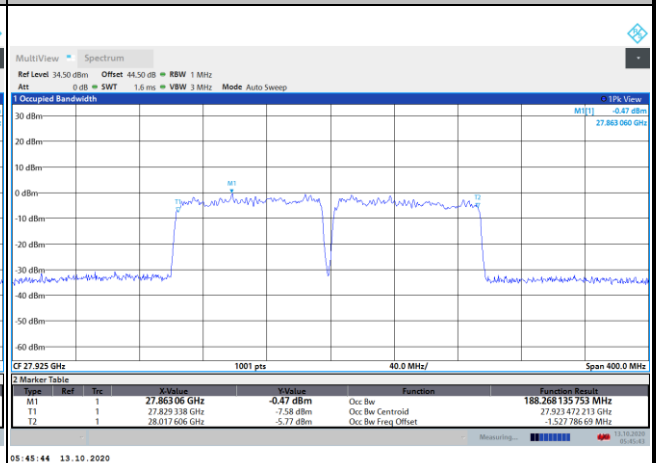
Lowest Channel / 200MHz / QPSK



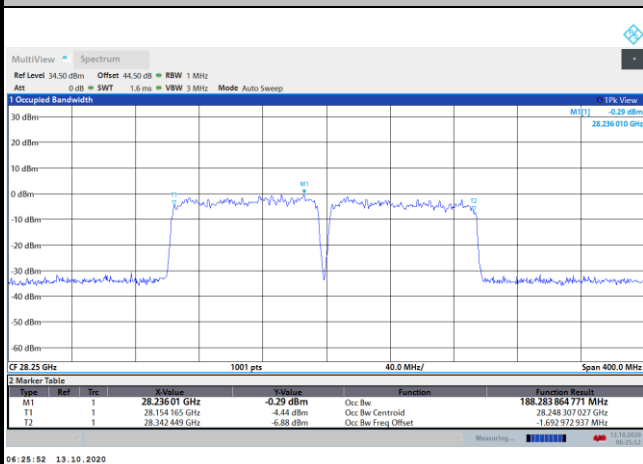
Middle Channel / 200MHz / BPSK



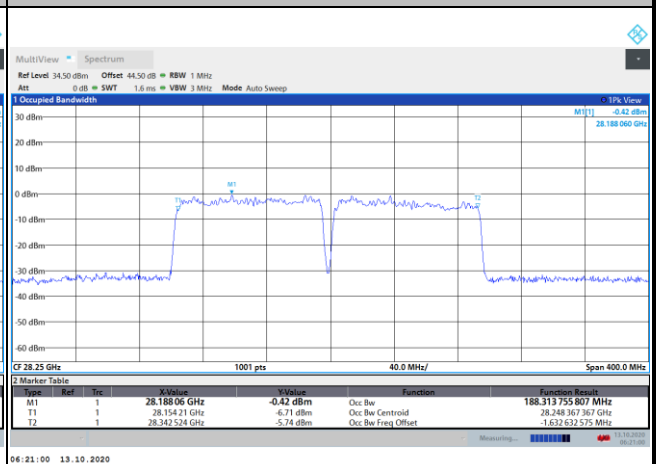
Middle Channel / 200MHz / QPSK



Highest Channel / 200MHz / BPSK



Highest Channel / 200MHz / QPSK

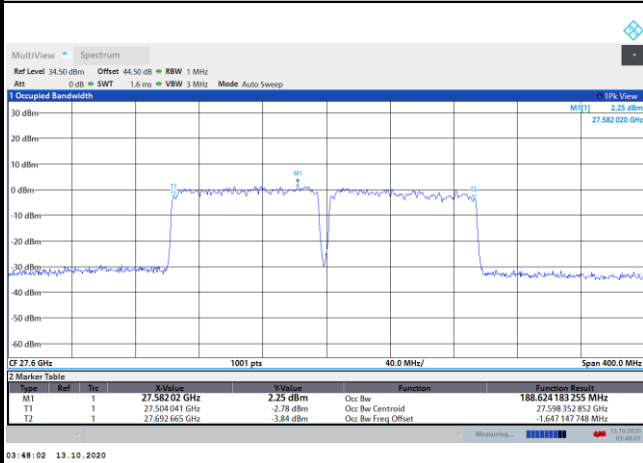




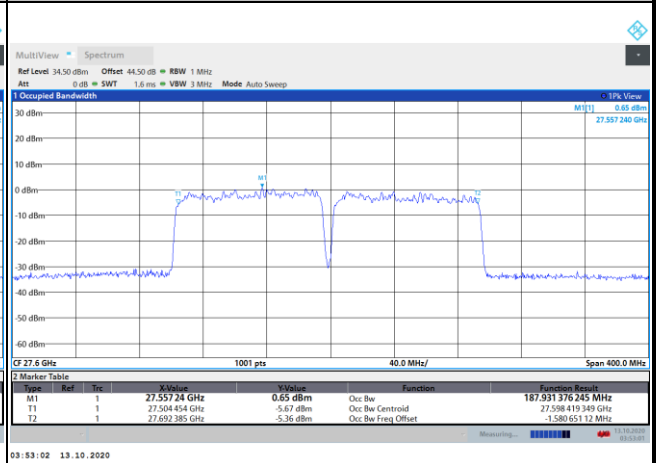
DFT-s-OFDM Module 0

NR Band n261

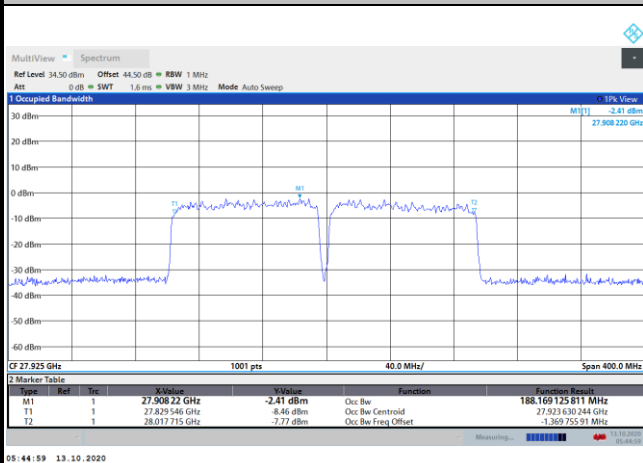
Lowest Channel / 200MHz / 16QAM



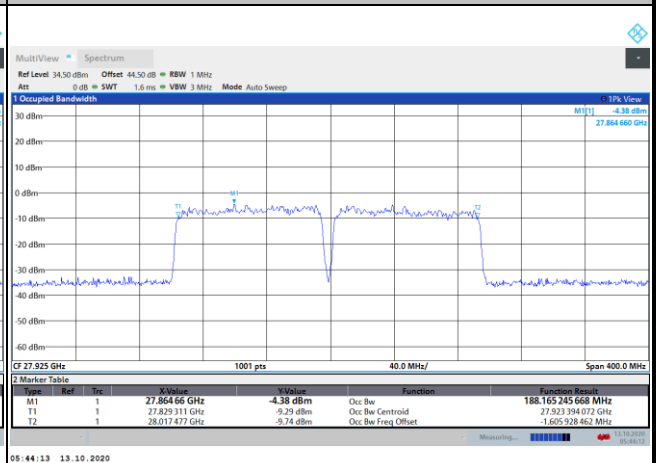
Lowest Channel / 200MHz / 64QAM



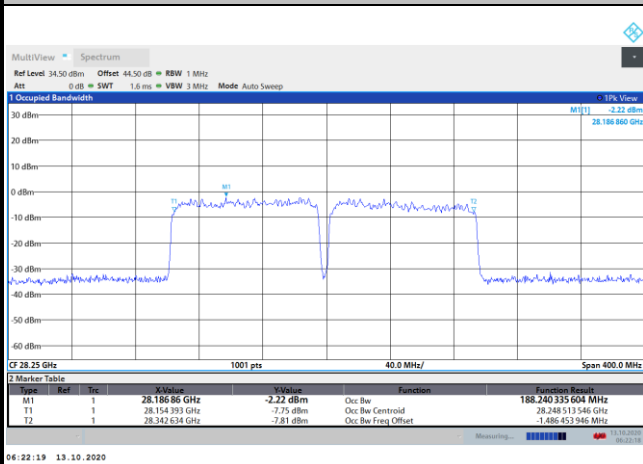
Middle Channel / 200MHz / 16QAM



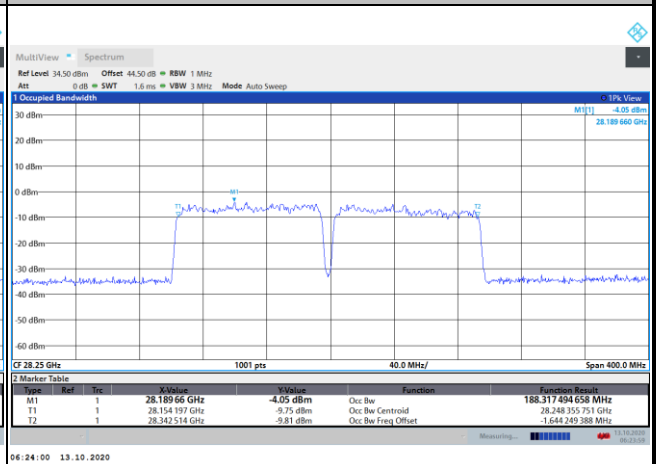
Middle Channel / 200MHz / 64QAM



Highest Channel / 200MHz / 16QAM



Highest Channel / 200MHz / 64QAM

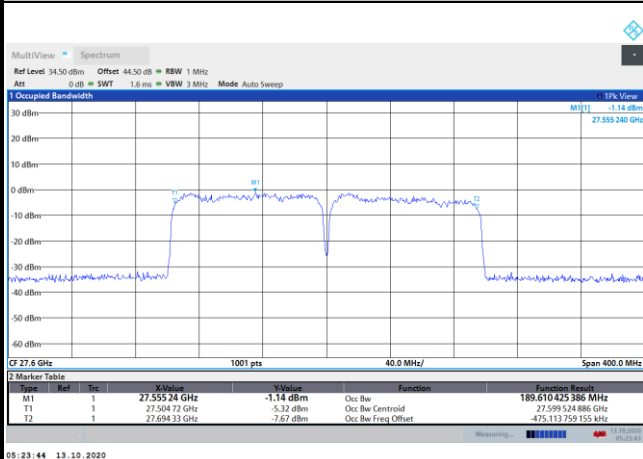




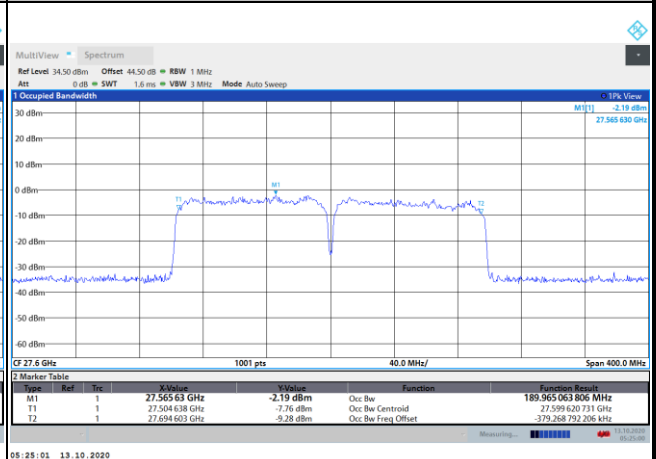
CP-OFDM Module 0

NR Band n261

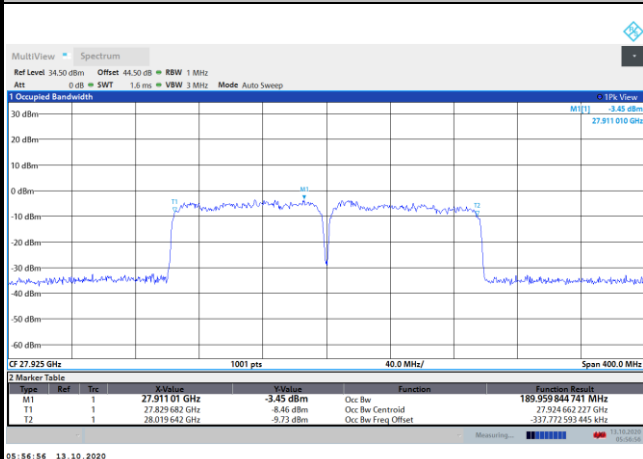
Lowest Channel / 200MHz / QPSK



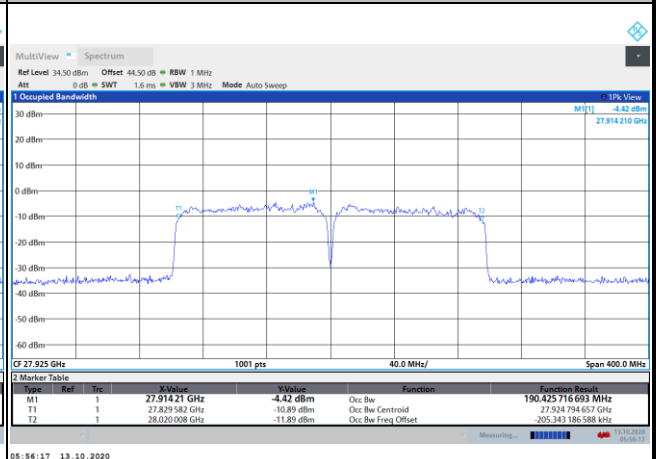
Lowest Channel / 200MHz / 16QAM



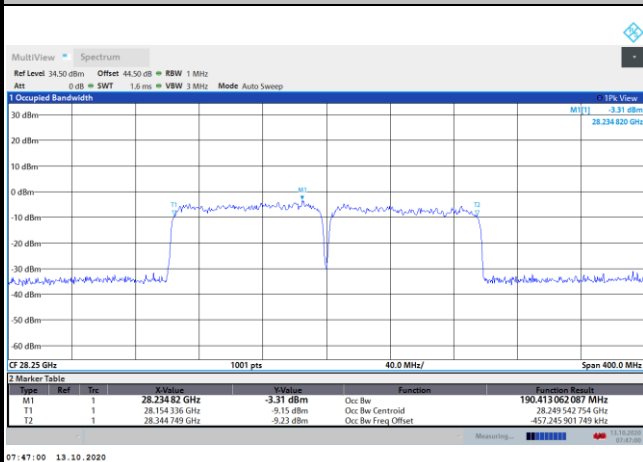
Middle Channel / 200MHz / QPSK



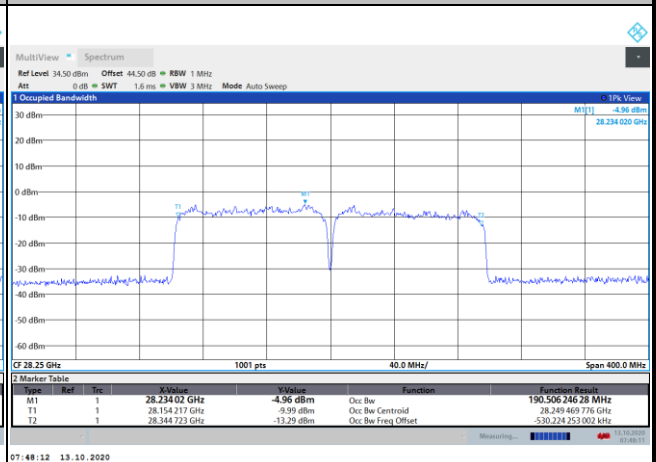
Middle Channel / 200MHz / 16QAM



Highest Channel / 200MHz / QPSK



Highest Channel / 200MHz / 16QAM

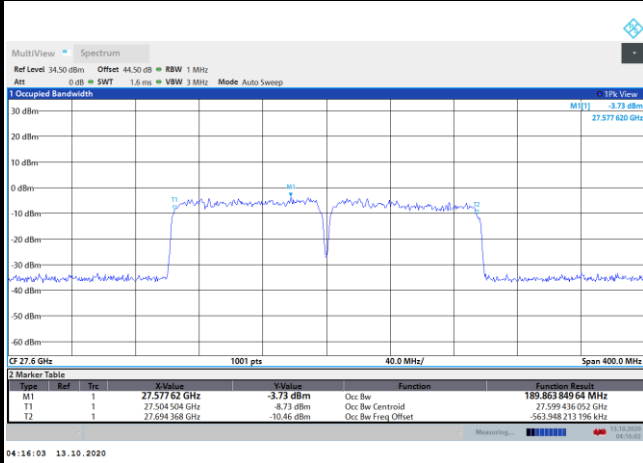




CP-OFDM Module 0

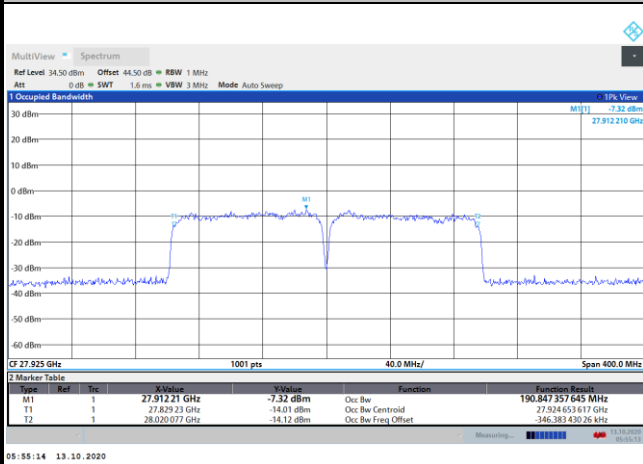
NR Band n261

Lowest Channel / 200MHz / 64QAM



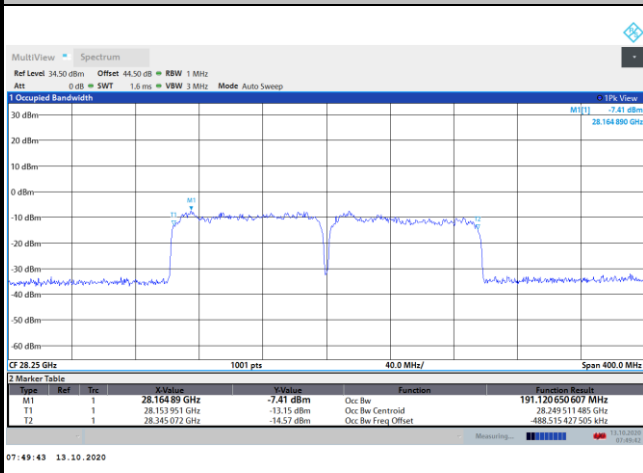
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Middle Channel / 200MHz / 64QAM



intentionally blank

Highest Channel / 200MHz / 64QAM



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Radiated Out of Band Emissions

Mode			DFT-s-OFDM Module 0 NR Band n261 : BE (dBm) 1 RB			
BW			200MHz			
Limit (dBm)			BPSK	QPSK	16QAM	64QAM
Low CH	0~10%OB	≤ -5	-33.55	-32.58	-34.09	-34.82
	>10%OB	≤ -13	-39.53	-39.17	-37.78	-37.35
HighCH	0~10%OB	≤ -5	-38.61	-38.51	-39.68	-38.56
	>10%OB	≤ -13	-41.74	-41.79	-41.94	-41.85
Result			Compliance			

Mode			CP-OFDM Module 0 NR Band n261 : BE (dBm) 1 RB		
BW			200MHz		
Limit (dBm)			QPSK	16QAM	64QAM
Low CH	0~10%OB	≤ -5	-33.75	-32.05	-34.97
	>10%OB	≤ -13	-35.37	-36.89	-39.83
High CH	0~10%OB	≤ -5	-39.47	-39.41	-40.99
	>10%OB	≤ -13	-41.74	-41.85	-41.58
Result			Compliance		

Mode			DFT-s-OFDM Module 0 NR Band n261 : BE (dBm) Full RB			
BW			200MHz			
Limit (dBm)			BPSK	QPSK	16QAM	64QAM
Low CH	0~10%OB	≤ -5	-38.77	-38.74	-39.39	-41.56
	>10%OB	≤ -13	-39.52	-39.04	-39.49	-41.81
HighCH	0~10%OB	≤ -5	-42.29	-41.98	-42.51	-43.13
	>10%OB	≤ -13	-41.86	-41.66	-41.75	-41.91
Result			Compliance			

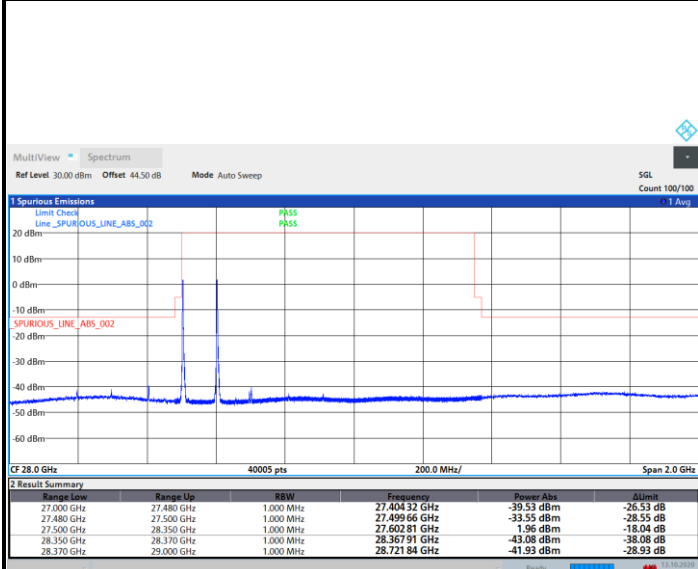
Mode			CP-OFDM Module 0 NR Band n261 : BE (dBm) Full RB		
BW			200MHz		
Limit (dBm)			QPSK	16QAM	64QAM
Low CH	0~10%OB	≤ -5	-42.29	-42.99	-43.62
	>10%OB	≤ -13	-42.46	-43.17	-43.12
High CH	0~10%OB	≤ -5	-42.59	-42.91	-43.34
	>10%OB	≤ -13	-41.56	-41.88	-41.84
Result			Compliance		



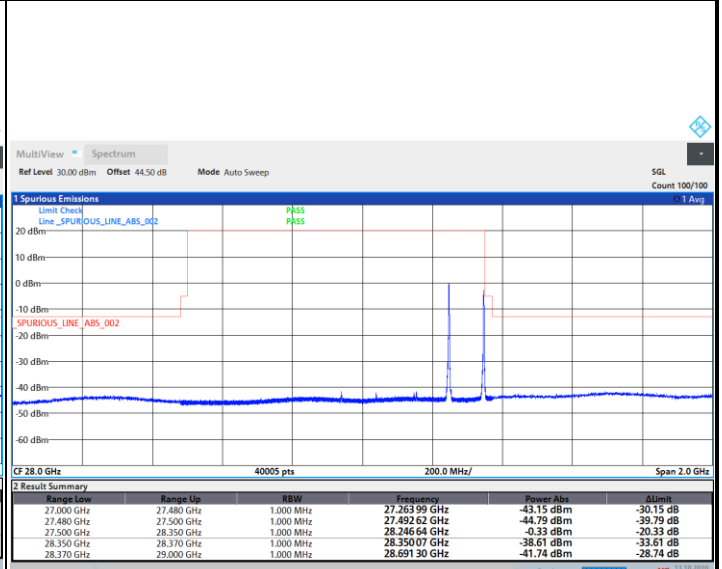
DFT-s-OFDM Module 0

NR Band n261 / 200MHz / BPSK

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB

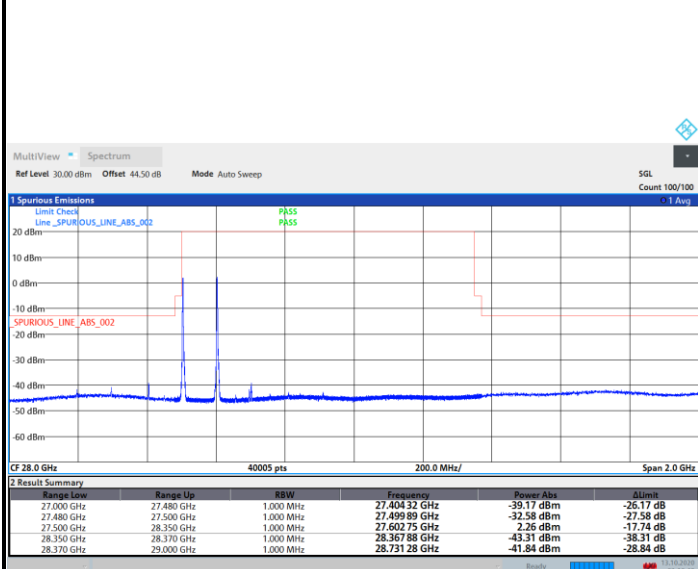


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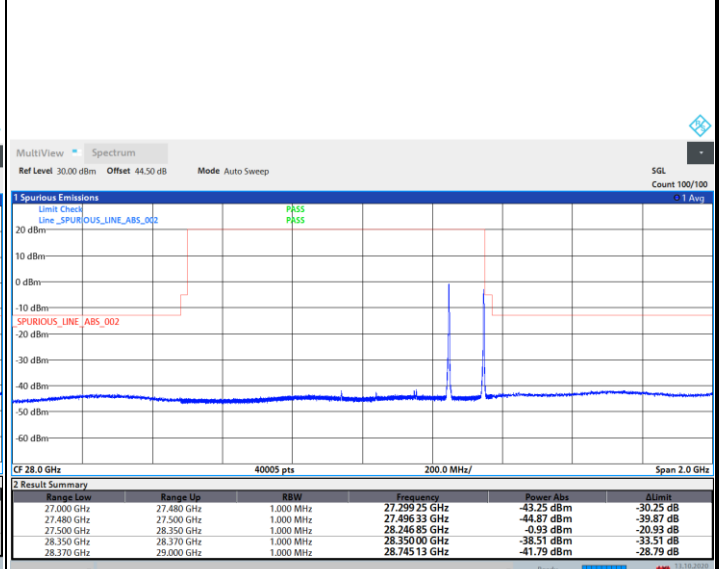
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NR Band n261 / 200MHz / QPSK

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



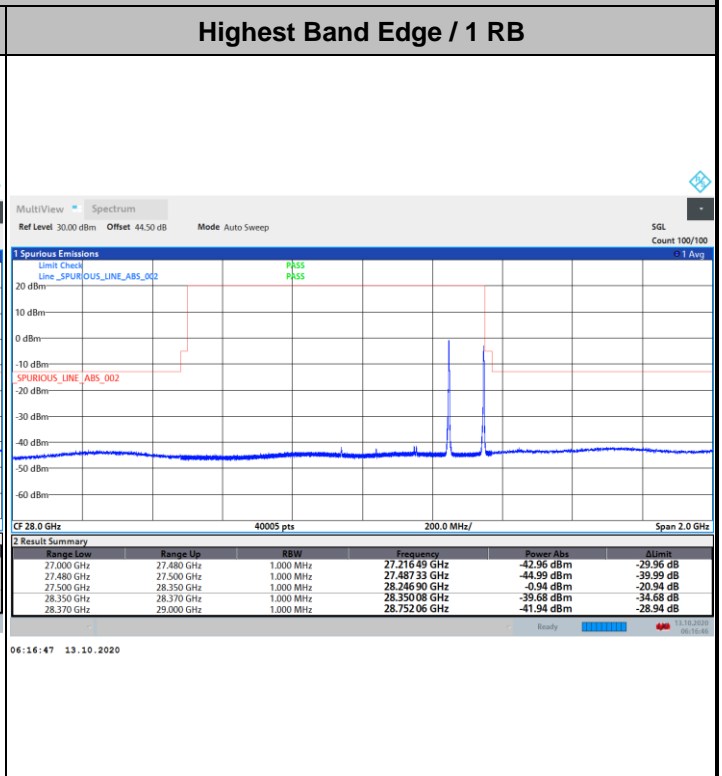
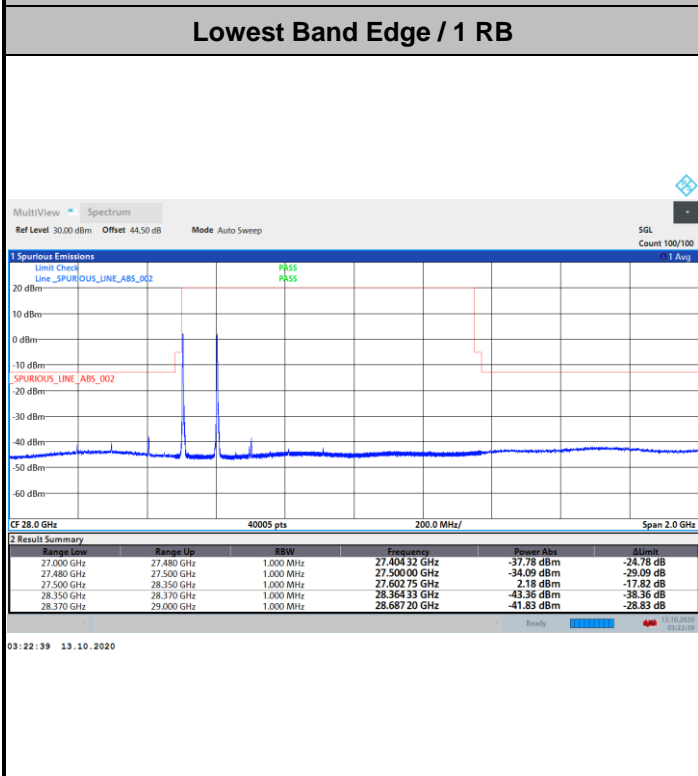
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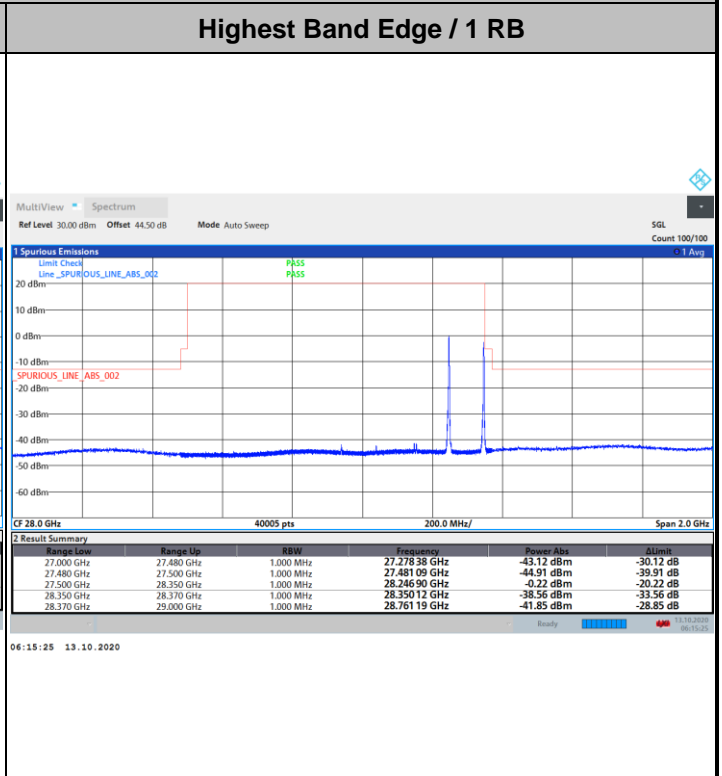
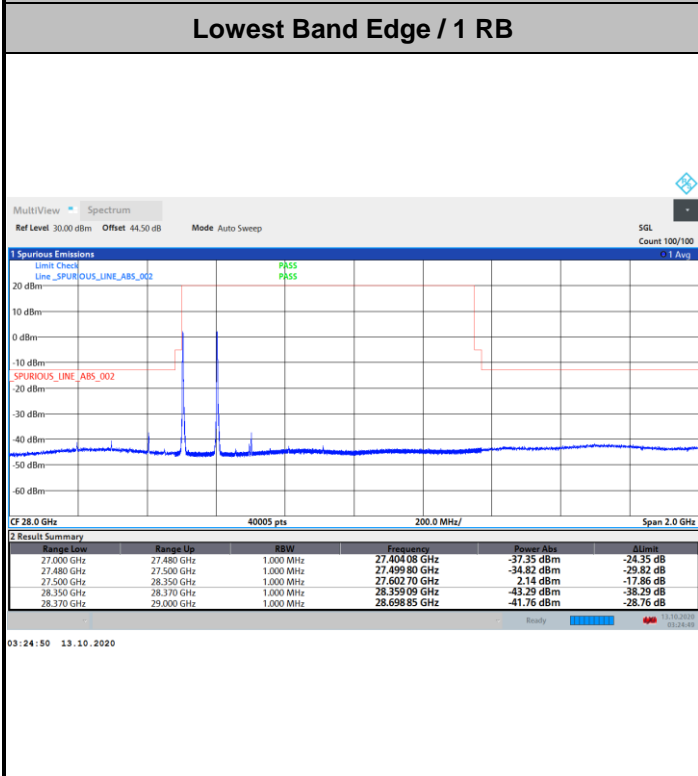


DFT-s-OFDM Module 0

NR Band n261 / 200MHz / 16QAM



NR Band n261 / 200MHz / 64QAM



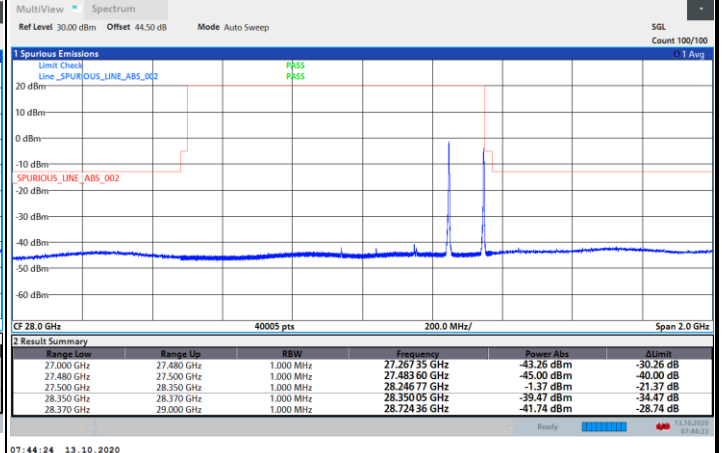
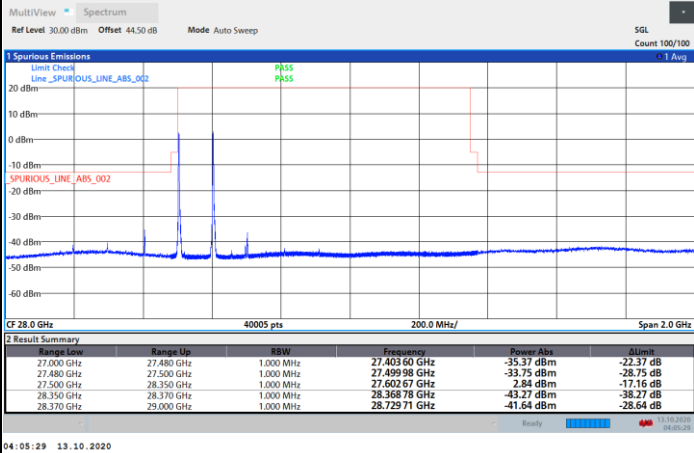


CP-OFDM Module 0

NR Band n261 / 200MHz / QPSK

Lowest Band Edge / 1 RB

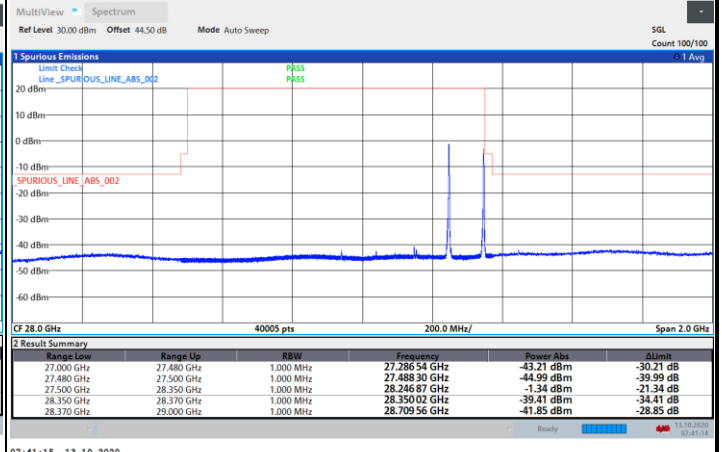
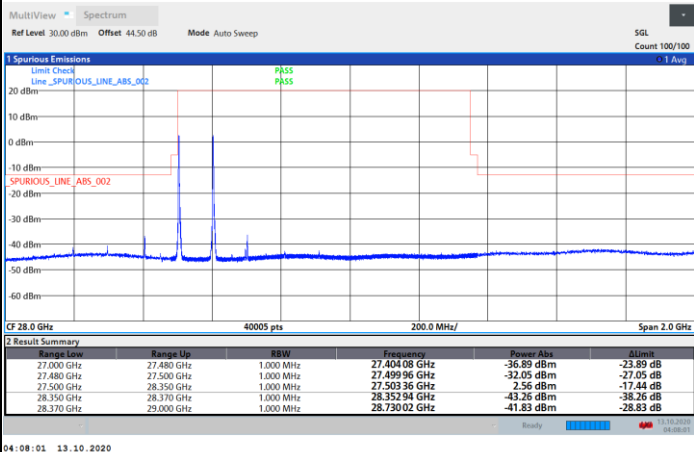
Highest Band Edge / 1 RB



NR Band n261 / 200MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB





CP-OFDM Module 0

