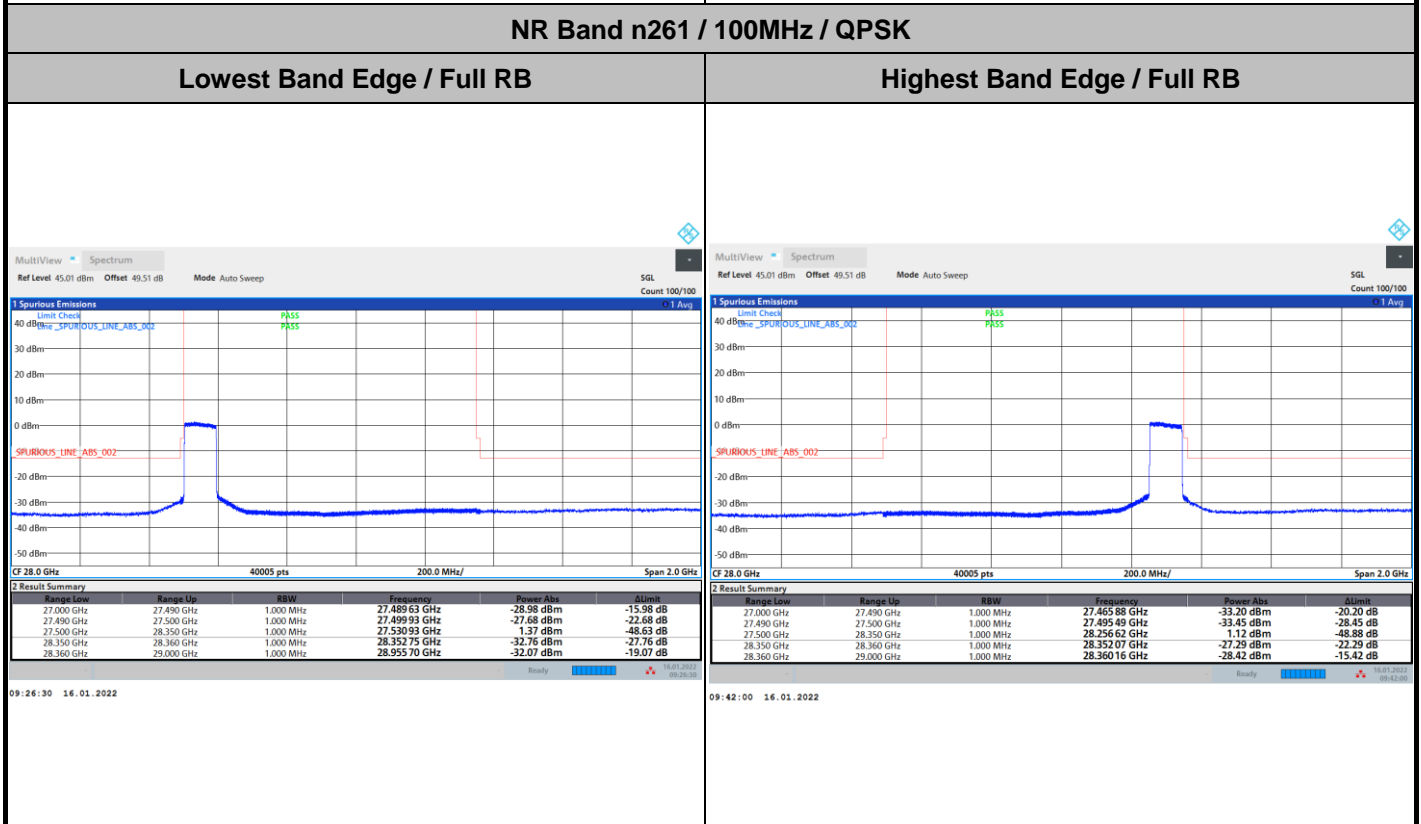
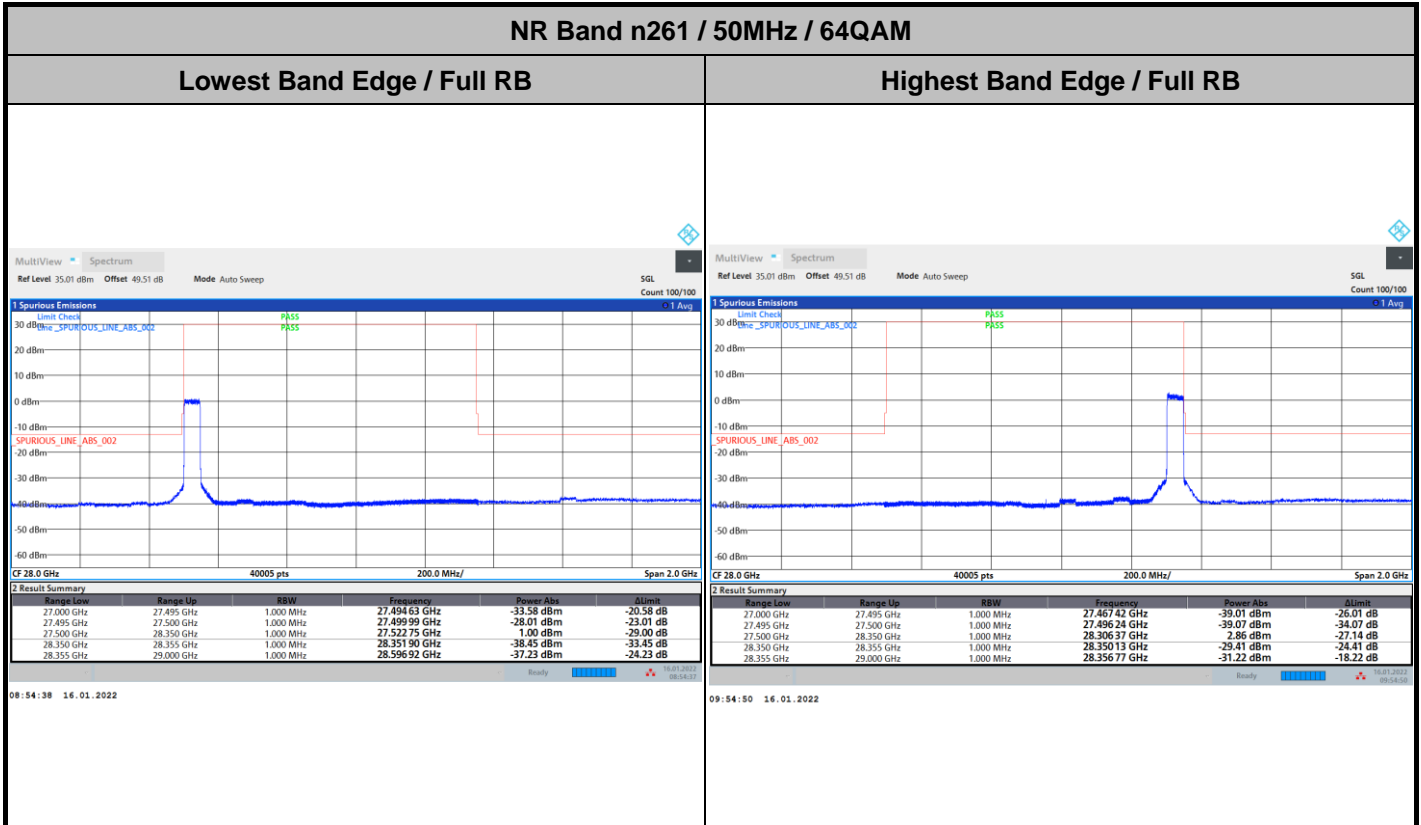


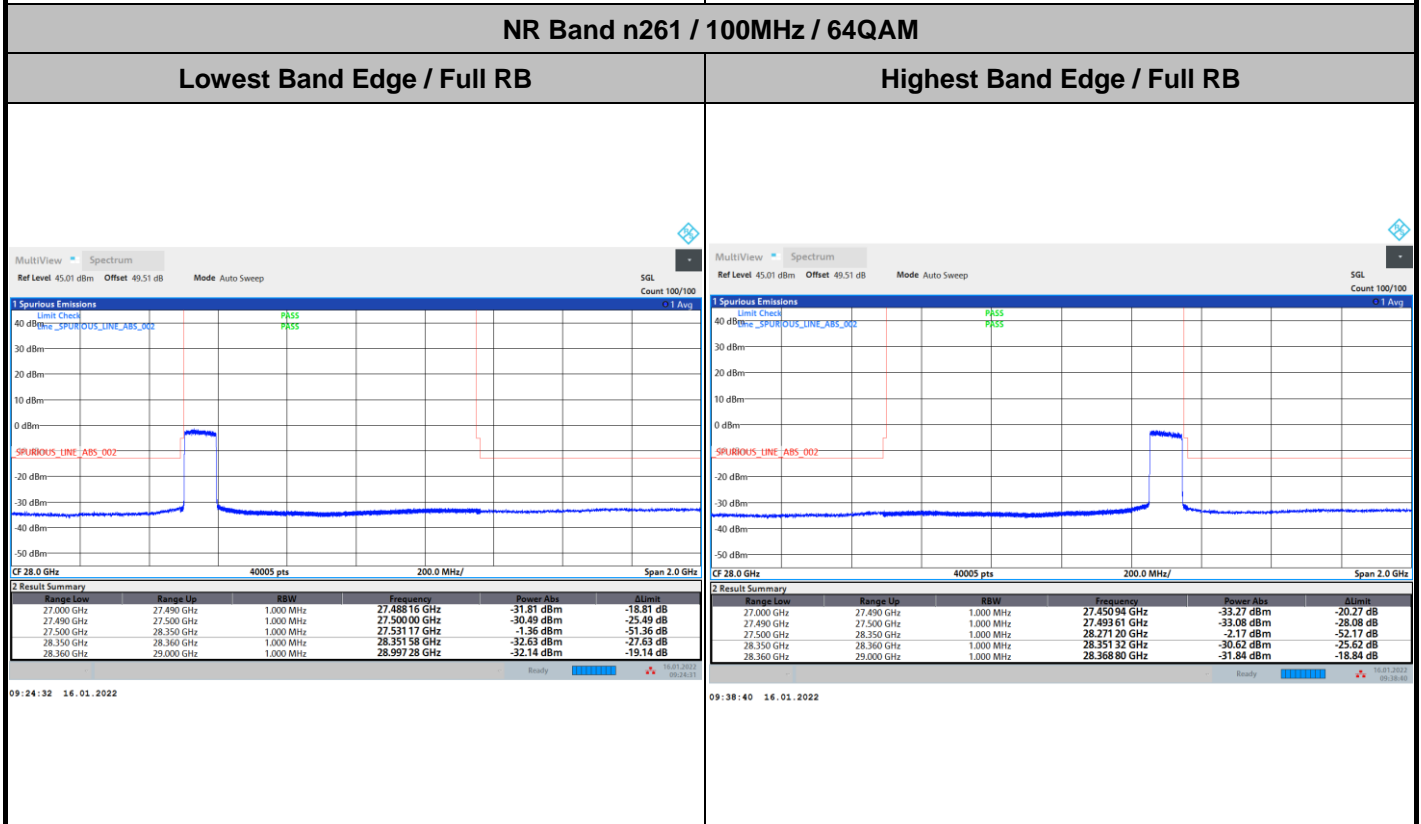
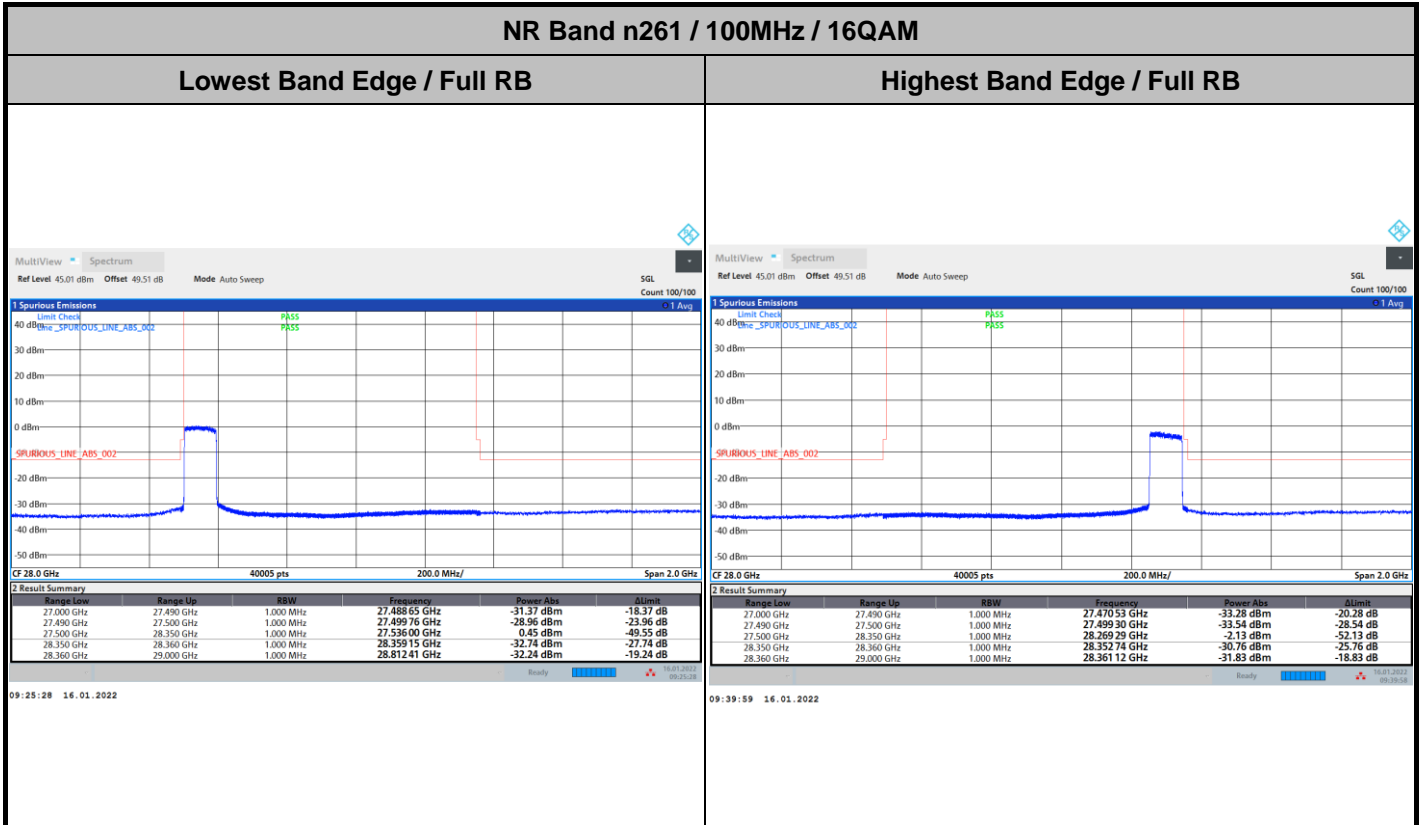


CP-OFDM Module 1



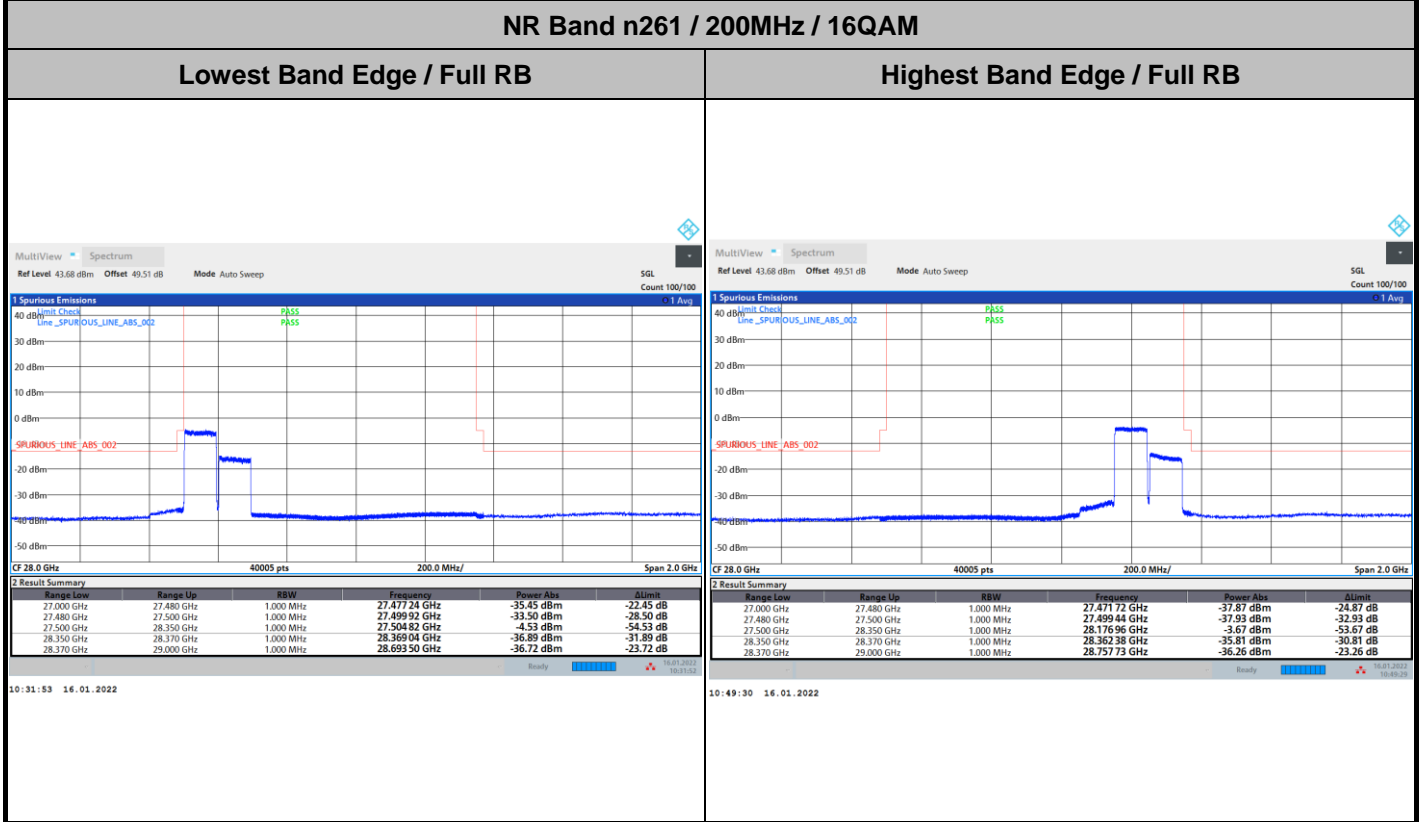
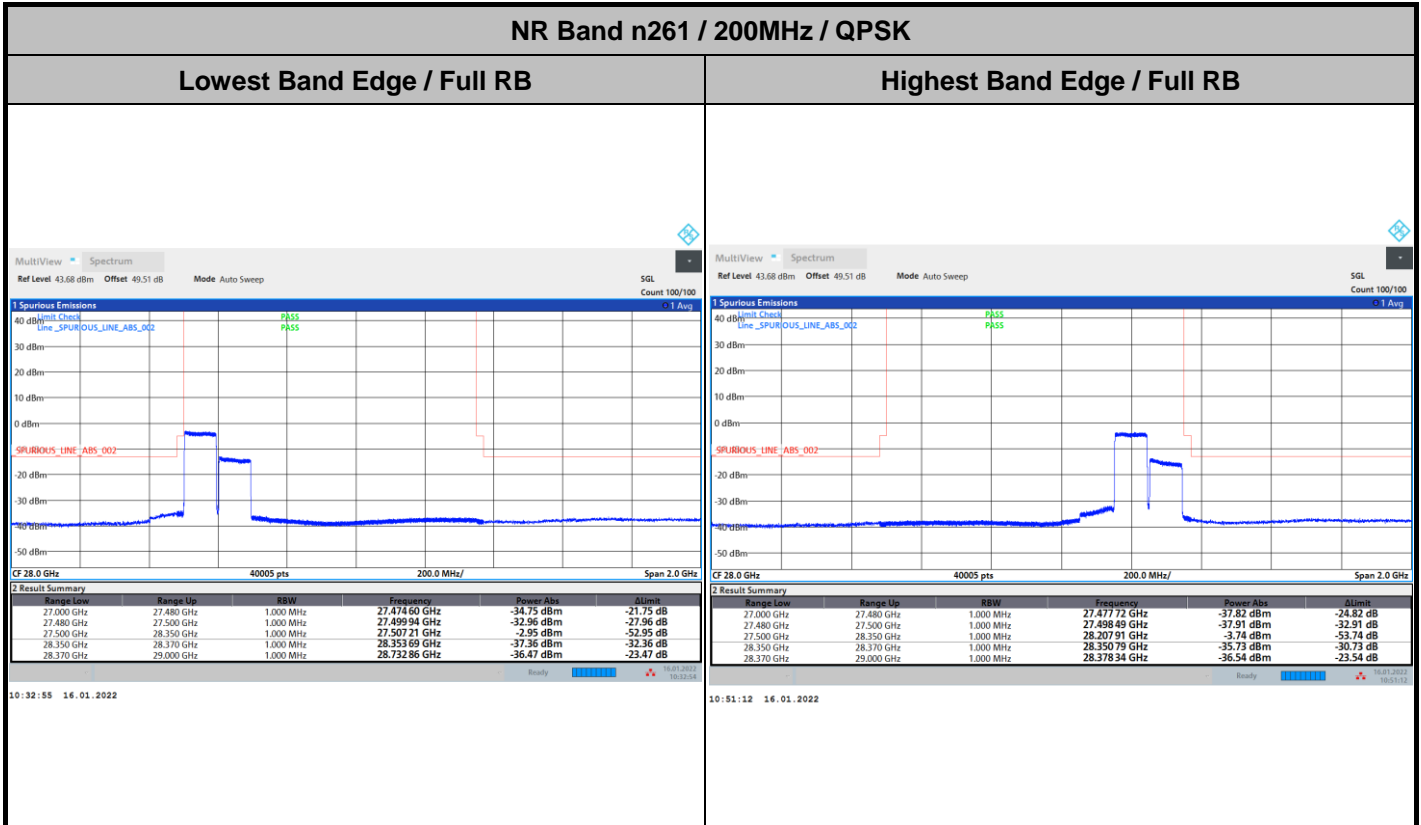


CP-OFDM Module 1



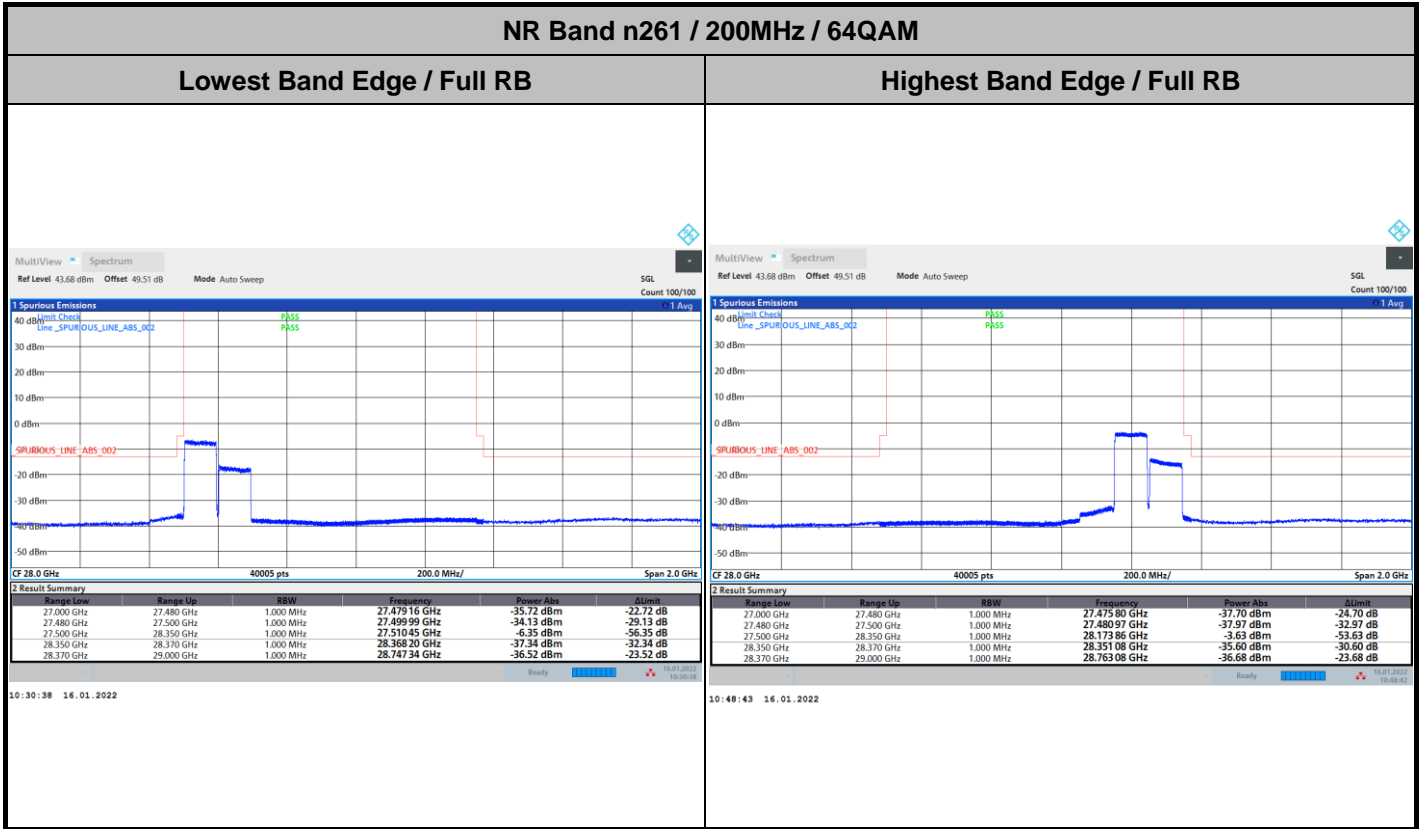


CP-OFDM Module 1





CP-OFDM Module 1



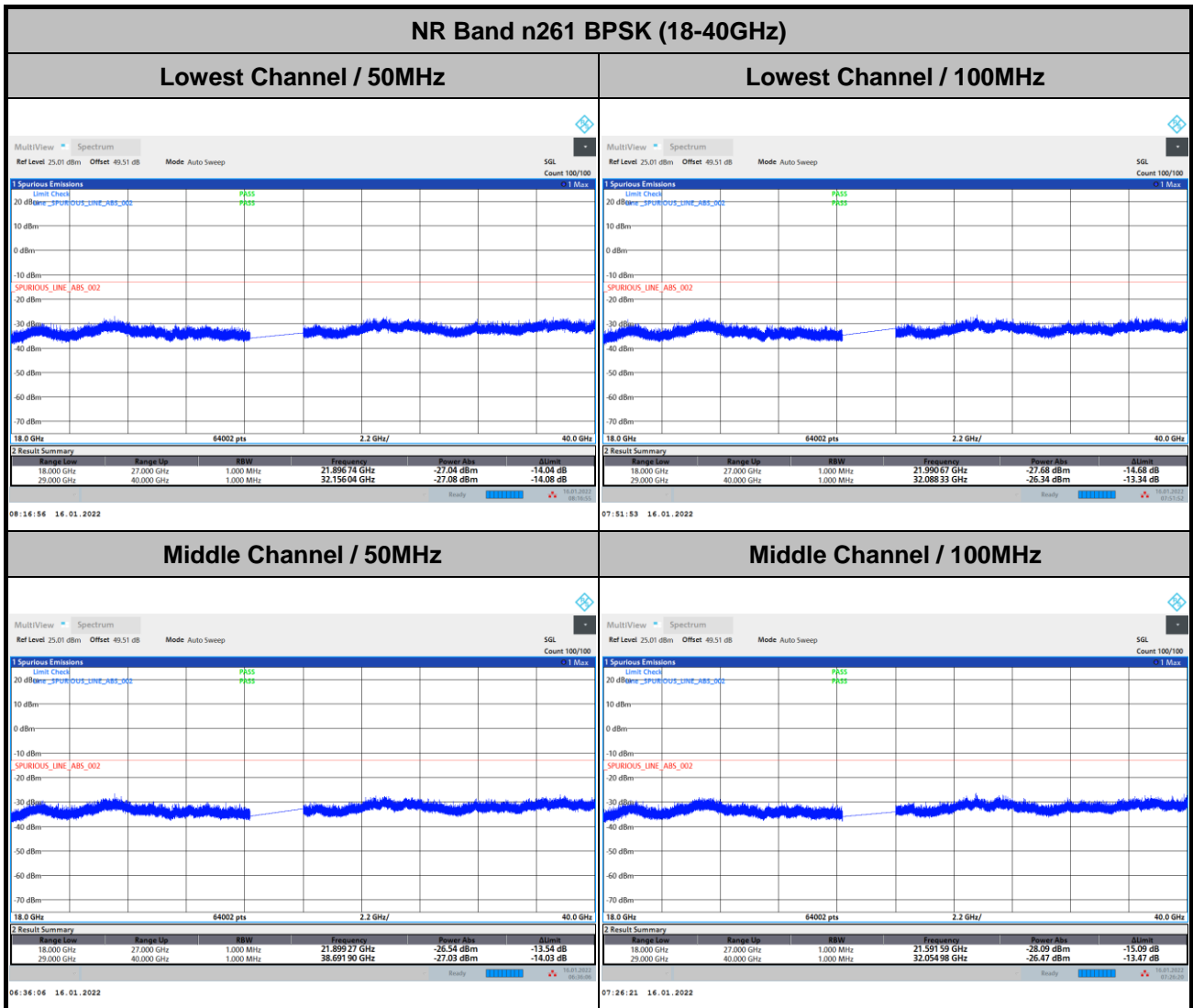


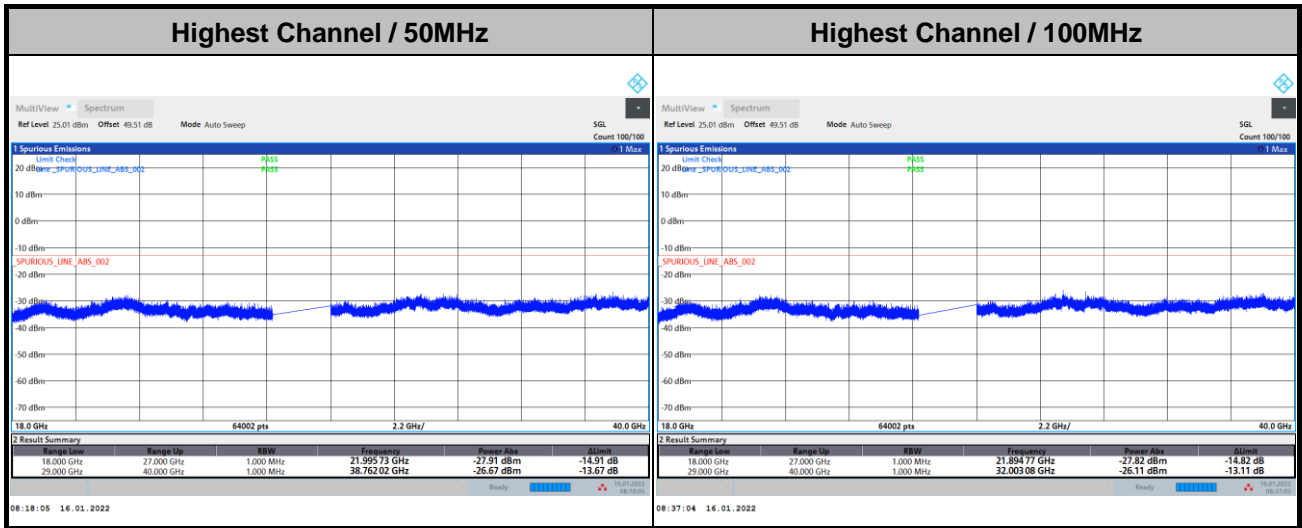
Spurious Emission

Spurious emission between 18GHz to 40GHz worst case plot is reported as following. The other frequency ranges are tested in AG 0+1 in accordance with the higher EIRP Power.

Remark: Below plots, the spurious emissions were measured from 18GHz to 27GHz and 29GHz to 40GHz. The test results within the omitted frequency 27GHz to 29GHz were measured and reported in the section of Radiated Out of Band Emission with frequency range, 27GHz to 29GHz, and all spurious comply with limits

DFT-s-OFDM Module 1





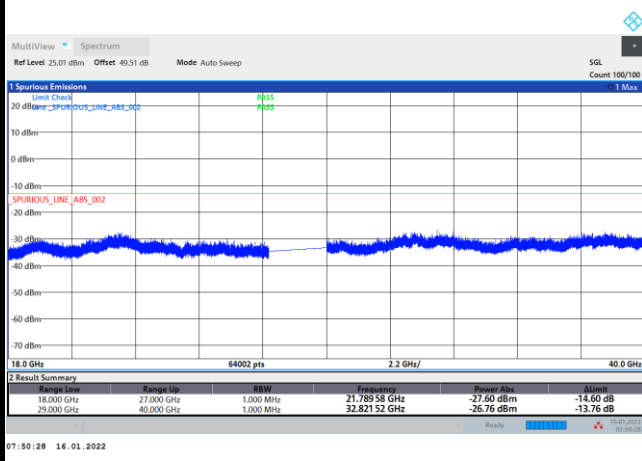
Remark: In band and out of band frequencies are omitted.



DFT-s-OFDM Module 1

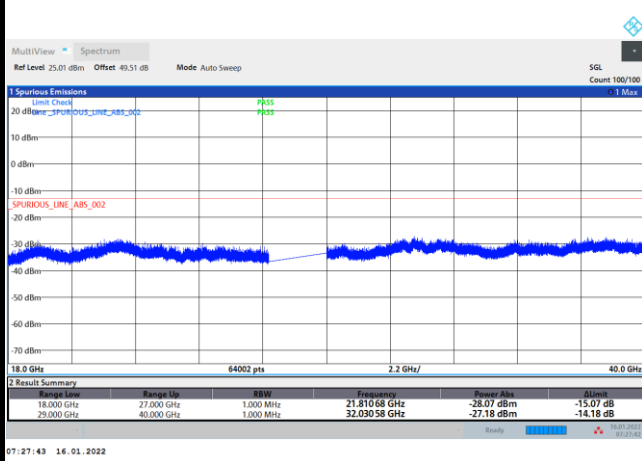
NR Band n261 BPSK (18-40GHz)

Lowest Channel / 200MHz



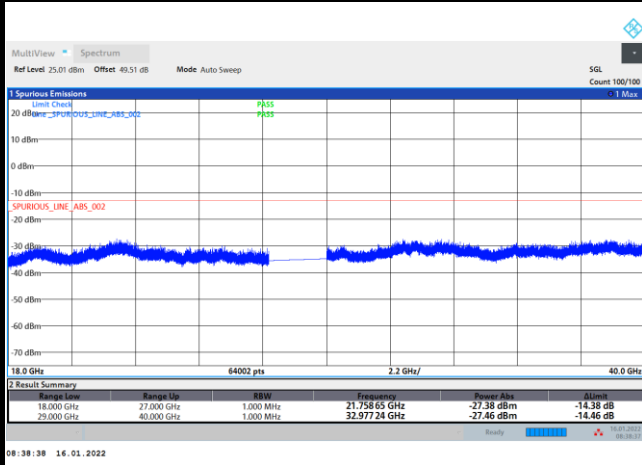
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Middle Channel / 200MHz



intentionally blank

Highest Channel / 200MHz



intentionally blank

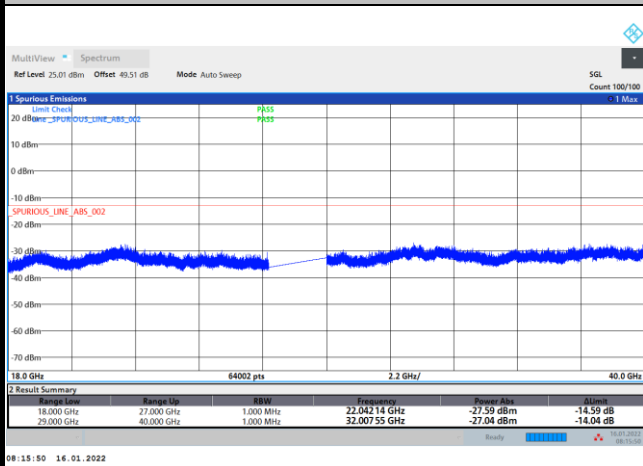
Remark: In band and out of band frequencies are omitted.



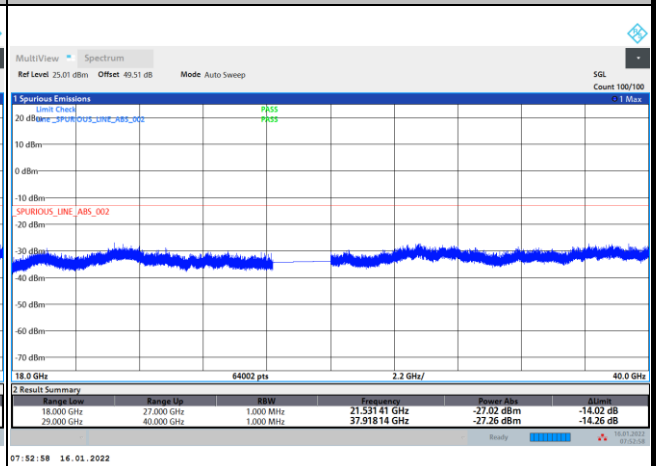
DFT-s-OFDM Module 1

NR Band n261 QPSK (18-40GHz)

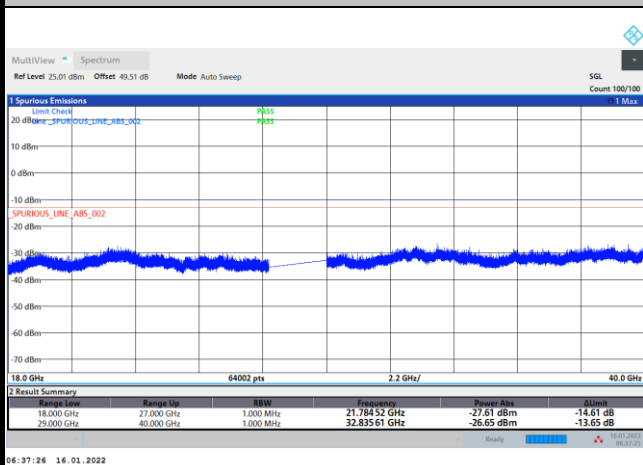
Lowest Channel / 50MHz



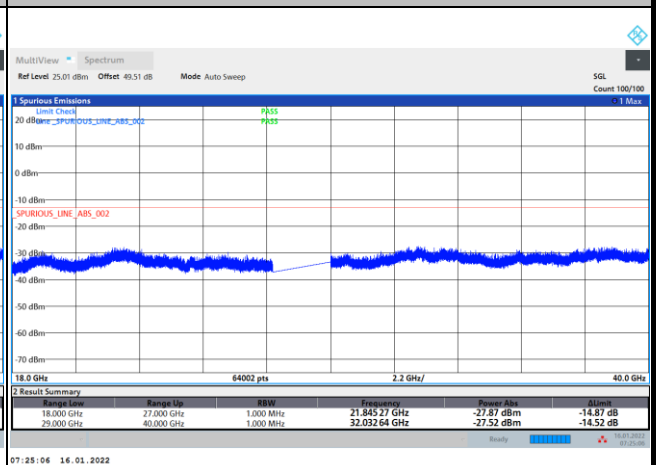
Lowest Channel / 100MHz



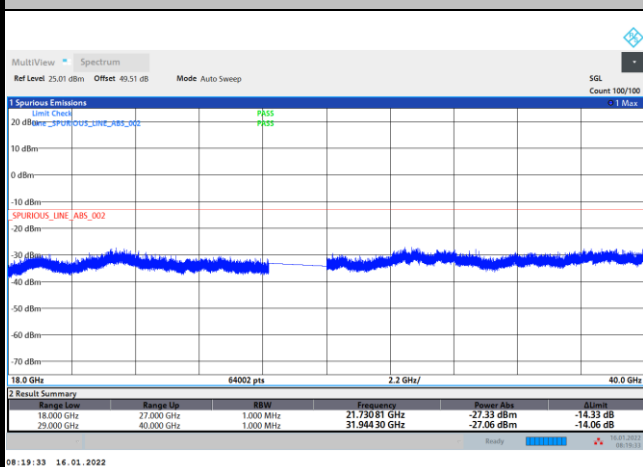
Middle Channel / 50MHz



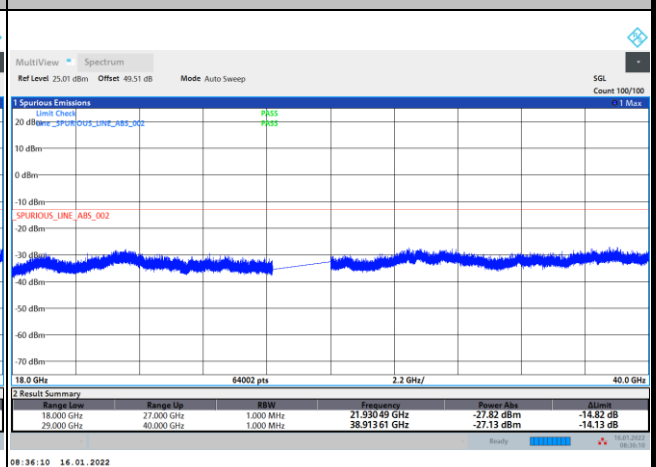
Middle Channel / 100MHz



Highest Channel / 50MHz



Highest Channel / 100MHz



Remark: In band and out of band frequencies are omitted.



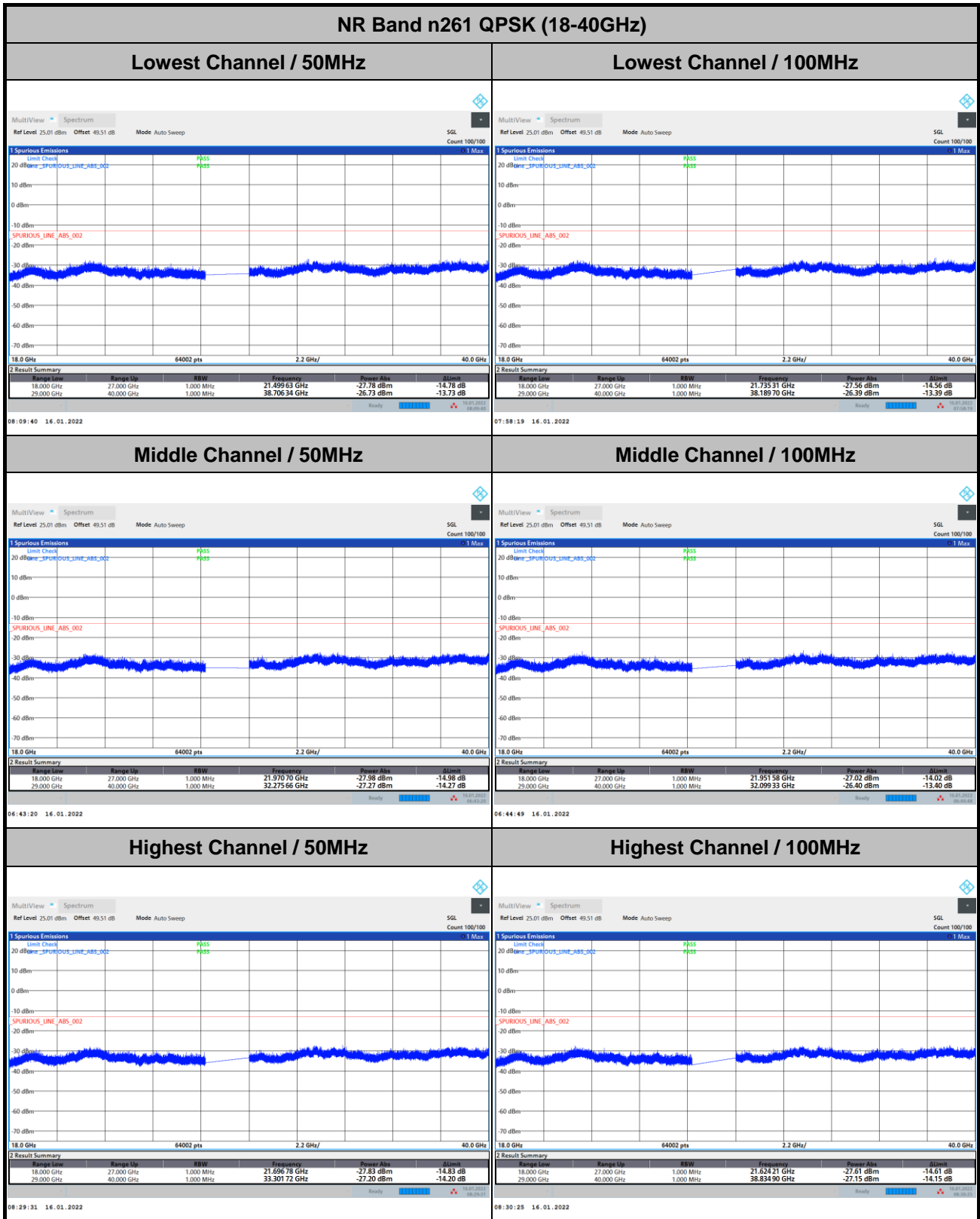
DFT-s-OFDM Module 1

NR Band n261 QPSK (18-40GHz)																			
<p>Lowest Channel / 200MHz</p> <table border="1"> <thead> <tr> <th>Range Low</th> <th>Range Up</th> <th>RBW</th> <th>Frequency</th> <th>Power Abs</th> <th>dlimm</th> </tr> </thead> <tbody> <tr> <td>18,000 GHz</td> <td>27,000 GHz</td> <td>1,000 MHz</td> <td>21,931 61 GHz</td> <td>-27.35 dBm</td> <td>-14.35 dB</td> </tr> <tr> <td>29,000 GHz</td> <td>40,000 GHz</td> <td>1,000 MHz</td> <td>32,017 86 GHz</td> <td>-27.34 dBm</td> <td>-14.34 dB</td> </tr> </tbody> </table>	Range Low	Range Up	RBW	Frequency	Power Abs	dlimm	18,000 GHz	27,000 GHz	1,000 MHz	21,931 61 GHz	-27.35 dBm	-14.35 dB	29,000 GHz	40,000 GHz	1,000 MHz	32,017 86 GHz	-27.34 dBm	-14.34 dB	<p>intentionally blank</p>
Range Low	Range Up	RBW	Frequency	Power Abs	dlimm														
18,000 GHz	27,000 GHz	1,000 MHz	21,931 61 GHz	-27.35 dBm	-14.35 dB														
29,000 GHz	40,000 GHz	1,000 MHz	32,017 86 GHz	-27.34 dBm	-14.34 dB														
<p>Middle Channel / 200MHz</p> <table border="1"> <thead> <tr> <th>Range Low</th> <th>Range Up</th> <th>RBW</th> <th>Frequency</th> <th>Power Abs</th> <th>dlimm</th> </tr> </thead> <tbody> <tr> <td>18,000 GHz</td> <td>27,000 GHz</td> <td>1,000 MHz</td> <td>22,192 60 GHz</td> <td>-27.59 dBm</td> <td>-14.59 dB</td> </tr> <tr> <td>29,000 GHz</td> <td>40,000 GHz</td> <td>1,000 MHz</td> <td>32,954 20 GHz</td> <td>-26.91 dBm</td> <td>-13.91 dB</td> </tr> </tbody> </table>	Range Low	Range Up	RBW	Frequency	Power Abs	dlimm	18,000 GHz	27,000 GHz	1,000 MHz	22,192 60 GHz	-27.59 dBm	-14.59 dB	29,000 GHz	40,000 GHz	1,000 MHz	32,954 20 GHz	-26.91 dBm	-13.91 dB	<p>intentionally blank</p>
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<p>Highest Channel / 200MHz</p> <table border="1"> <thead> <tr> <th>Range Low</th> <th>Range Up</th> <th>RBW</th> <th>Frequency</th> <th>Power Abs</th> <th>dlimm</th> </tr> </thead> <tbody> <tr> <td>18,000 GHz</td> <td>27,000 GHz</td> <td>1,000 MHz</td> <td>21,683 28 GHz</td> <td>-27.59 dBm</td> <td>-14.59 dB</td> </tr> <tr> <td>29,000 GHz</td> <td>40,000 GHz</td> <td>1,000 MHz</td> <td>32,001 70 GHz</td> <td>-26.90 dBm</td> <td>-13.90 dB</td> </tr> </tbody> </table>	Range Low	Range Up	RBW	Frequency	Power Abs	dlimm	18,000 GHz	27,000 GHz	1,000 MHz	21,683 28 GHz	-27.59 dBm	-14.59 dB	29,000 GHz	40,000 GHz	1,000 MHz	32,001 70 GHz	-26.90 dBm	-13.90 dB	<p>intentionally blank</p>
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Remark: In band and out of band frequencies are omitted.



CP-OFDM Module 1



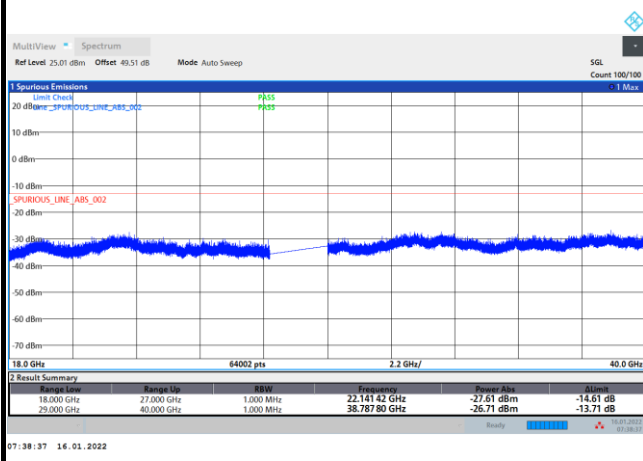
Remark: In band and out of band frequencies are omitted.



CP-OFDM Module 1

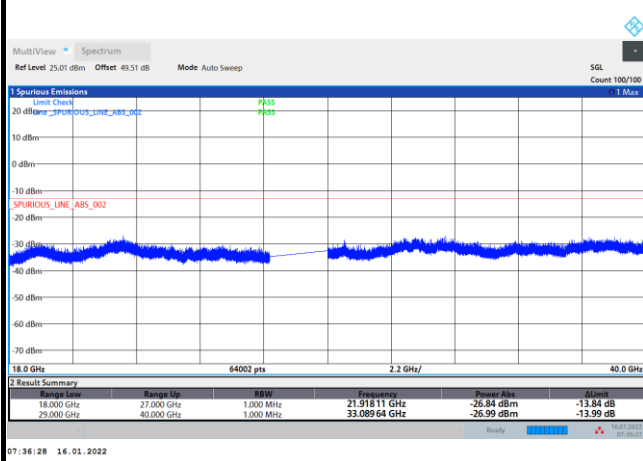
NR Band n261 QPSK (18-40GHz)

Lowest Channel / 200MHz



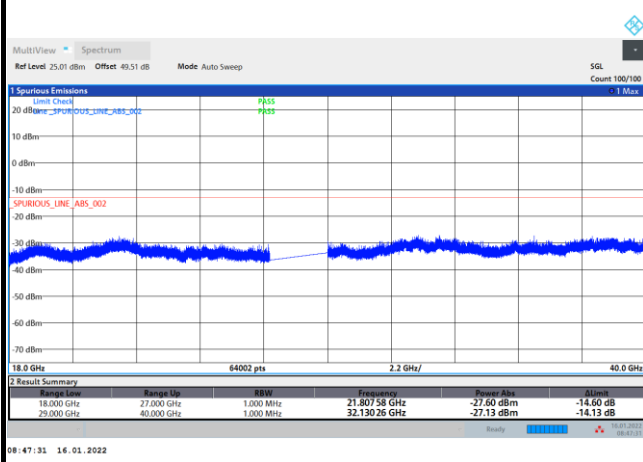
intentionally blank

Middle Channel / 200MHz



intentionally blank

Highest Channel / 200MHz



intentionally blank

Remark: In band and out of band frequencies are omitted.



Frequency Stability

Test Conditions		NR Band n261 / Middle Channel			Limit
Temperature (°C)	Voltage (Volt)	CW tone			Note 2.
		Frequency (GHz)	Deviation (kHz)	Deviation (ppm)	Result
50	Normal Voltage	27.92492619	74.530	2.669	PASS
40	Normal Voltage	27.92494573	54.990	1.969	
30	Normal Voltage	27.92498625	14.470	0.518	
20(Ref.)	Normal Voltage	27.92500072	0.000	0.000	
10	Normal Voltage	27.92505282	-52.100	1.866	
0	Normal Voltage	27.92511722	-116.500	4.172	
-10	Normal Voltage	27.92515991	-159.190	5.701	
-20	Normal Voltage	27.92517728	-176.560	6.323	
-30	Normal Voltage	27.92519899	-198.270	7.100	
20	Maximum Voltage	27.92500289	-2.170	0.078	
20	Normal Voltage	27.925	0.000	0.000	
20	Battery End Point	27.92498842	12.300	0.440	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.45 V.
2. The frequency fundamental emissions stay within the operation band.



NR Band n261 Module 1

AG0+1

Occupied Bandwidth

Mode	DFT-s-OFDM Module 1 NR Band n261 : 99%OBW(MHz)											
BW	50MHz				100MHz				200MHz			
Mod.	BPSK	QPSK	16QAM	64QAM	BPSK	QPSK	16QAM	64QAM	BPSK	QPSK	16QAM	64QAM
Lowest CH	45.96	46.38	46.21	46.11	91.43	91.31	91.31	91.38	187.78	187.74	189.55	188.46
Middle CH	46.03	46.25	46.09	46.06	91.02	91.61	91.54	91.30	188.85	189.25	190.48	189.14
Highest CH	45.84	46.03	45.83	45.67	91.49	91.51	91.54	91.52	184.36	184.25	188.36	184.81

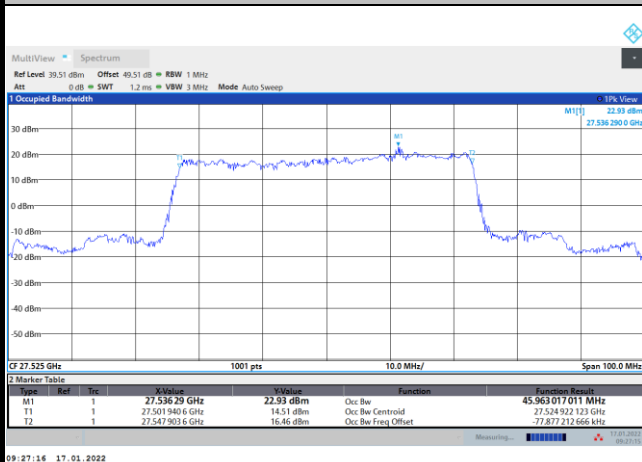
Mode	CP-OFDM Module 1 NR Band n261 : 99%OBW(MHz)								
BW	50MHz			100MHz			200MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	46.11	45.99	46.07	91.30	93.96	91.30	188.65	188.92	189.59
Middle CH	46.12	45.97	46.06	91.21	91.40	91.34	191.65	191.27	191.99
Highest CH	45.97	45.78	45.75	91.61	91.42	91.43	190.55	190.37	190.22



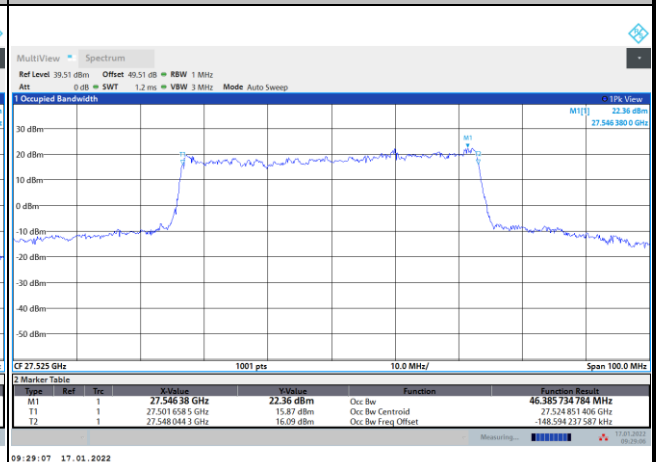
DFT-s-OFDM Module 1

NR Band n261

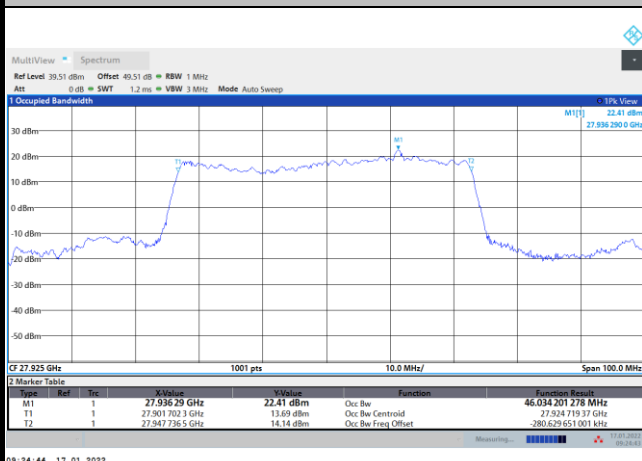
Lowest Channel / 50MHz / BPSK



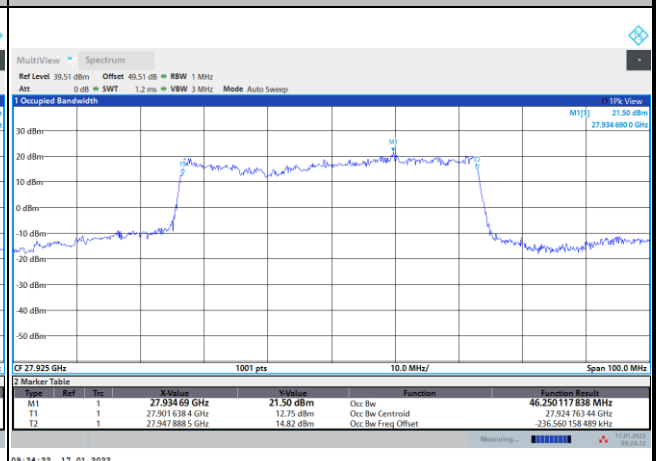
Lowest Channel / 50MHz / QPSK



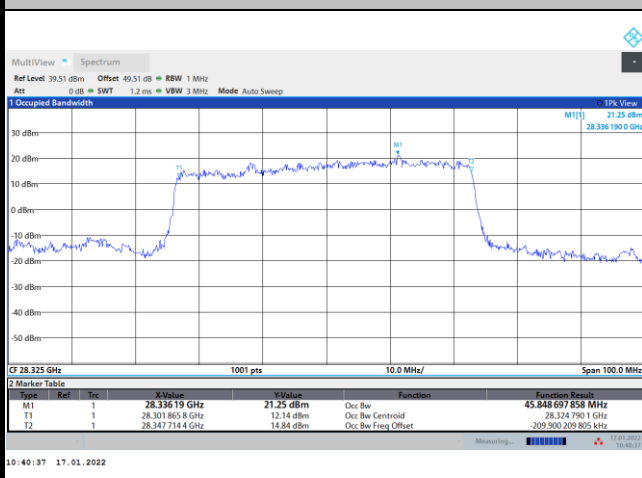
Middle Channel / 50MHz / BPSK



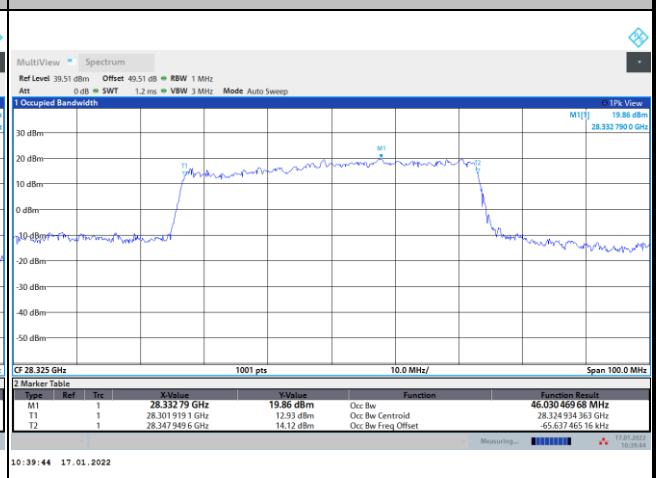
Middle Channel / 50MHz / QPSK



Highest Channel / 50MHz / BPSK



Highest Channel / 50MHz / QPSK

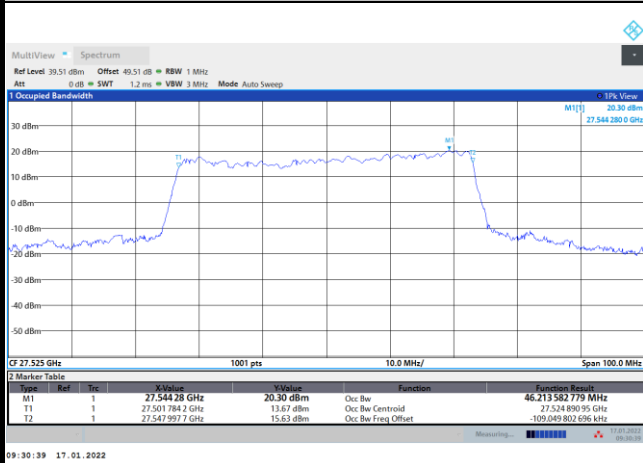




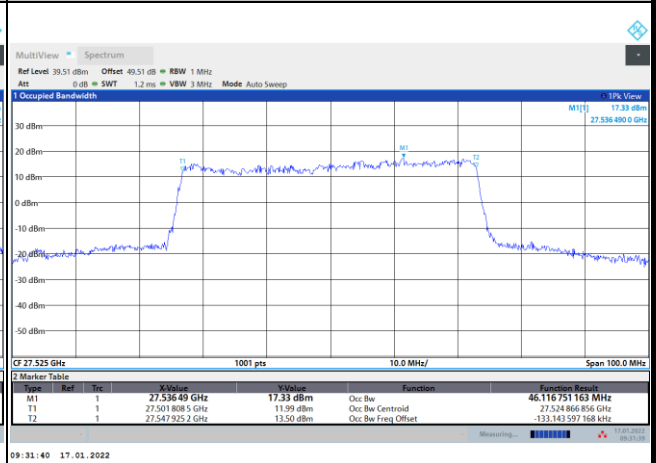
DFT-s-OFDM Module 1

NR Band n261

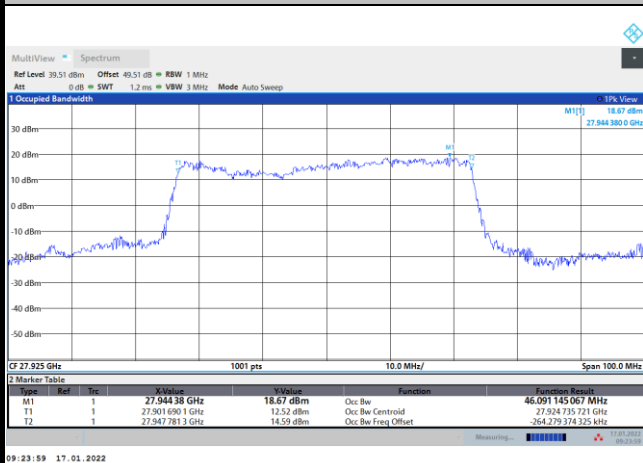
Lowest Channel / 50MHz / 16QAM



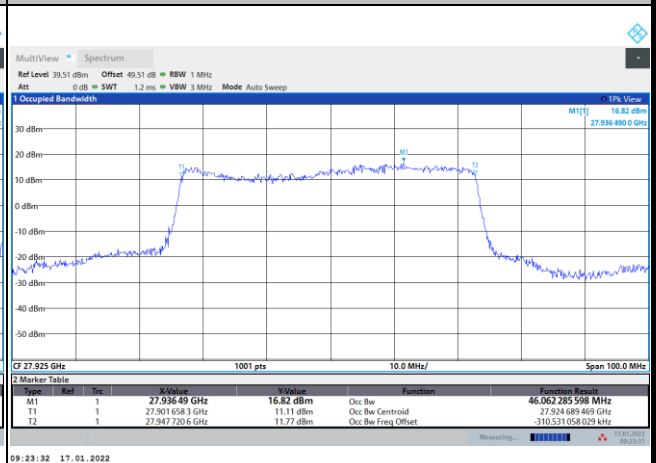
Lowest Channel / 50MHz / 64QAM



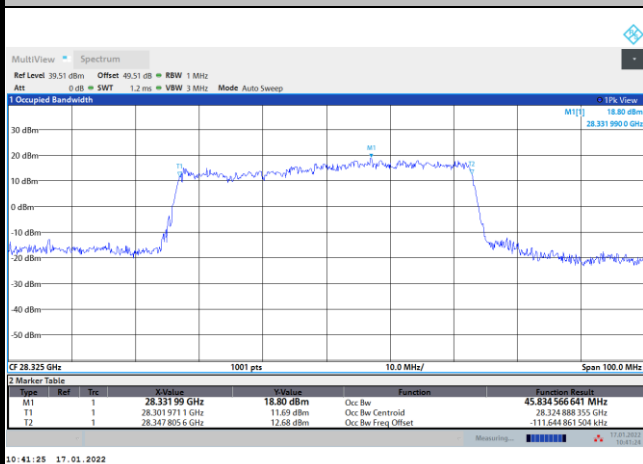
Middle Channel / 50MHz / 16QAM



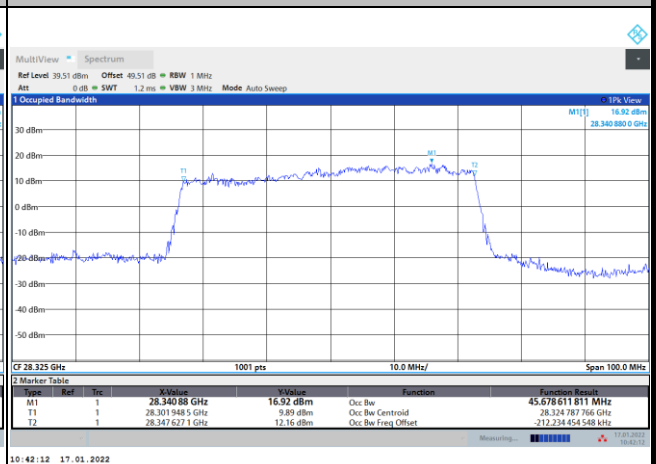
Middle Channel / 50MHz / 64QAM



Highest Channel / 50MHz / 16QAM



Highest Channel / 50MHz / 64QAM

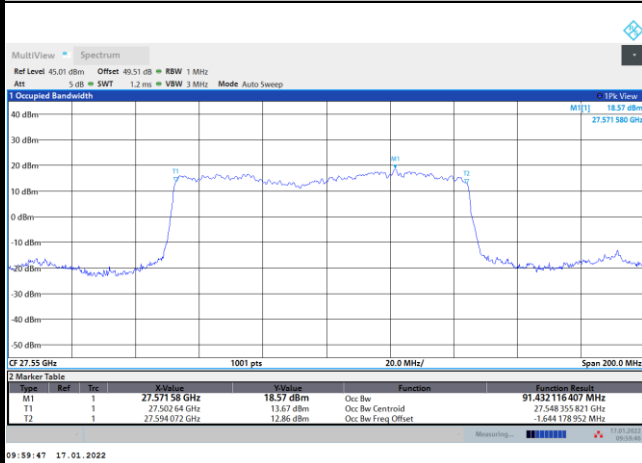




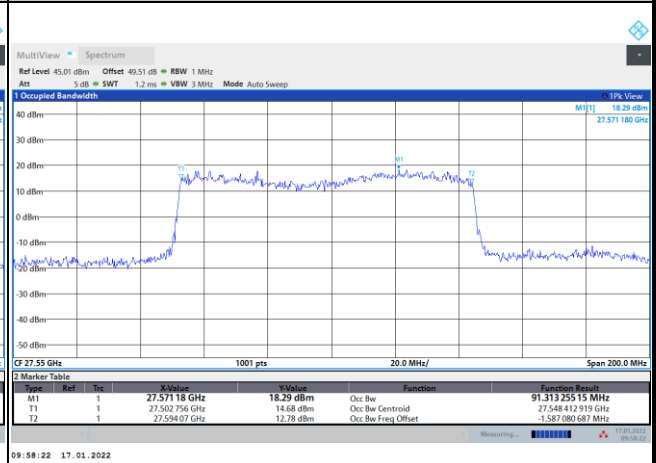
DFT-s-OFDM Module 1

NR Band n261

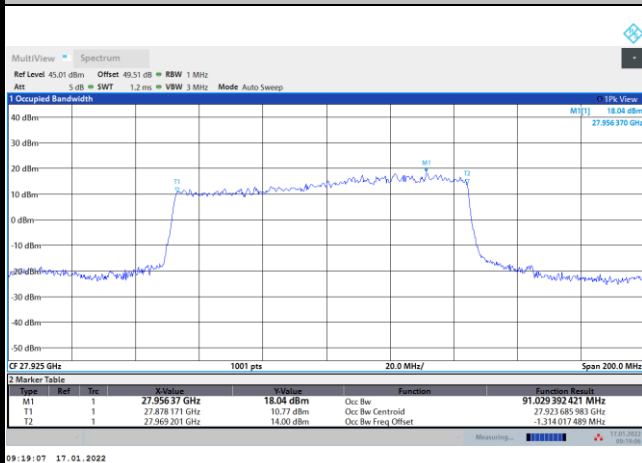
Lowest Channel / 100MHz / BPSK



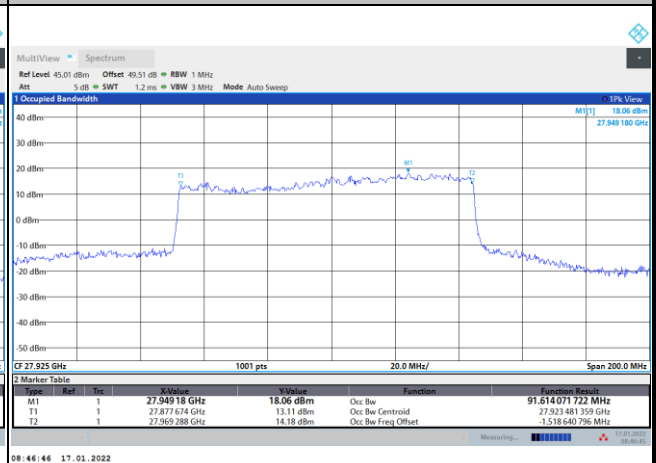
Lowest Channel / 100MHz / QPSK



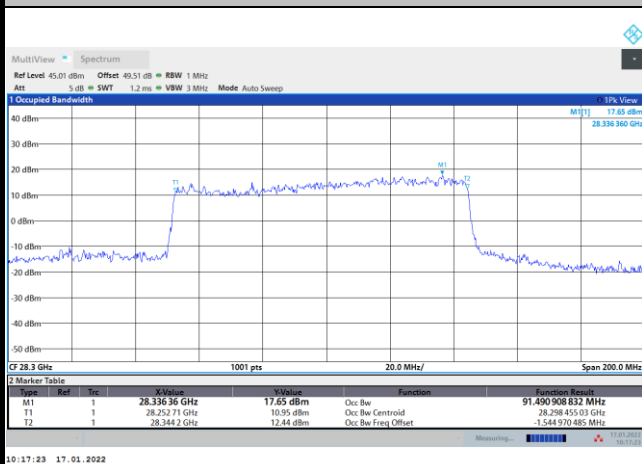
Middle Channel / 100MHz / BPSK



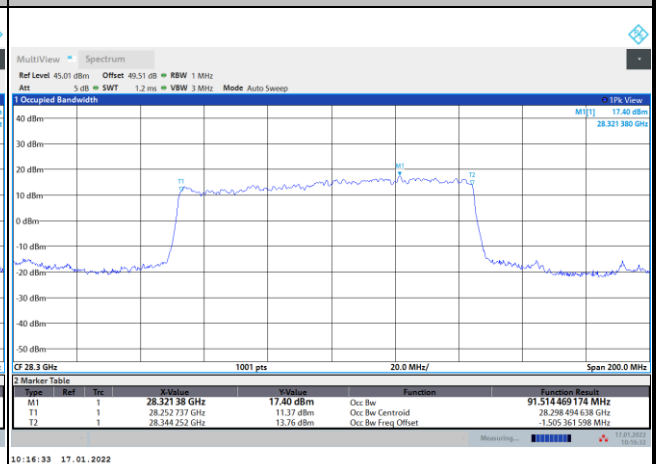
Middle Channel / 100MHz / QPSK



Highest Channel / 100MHz / BPSK



Highest Channel / 100MHz / QPSK

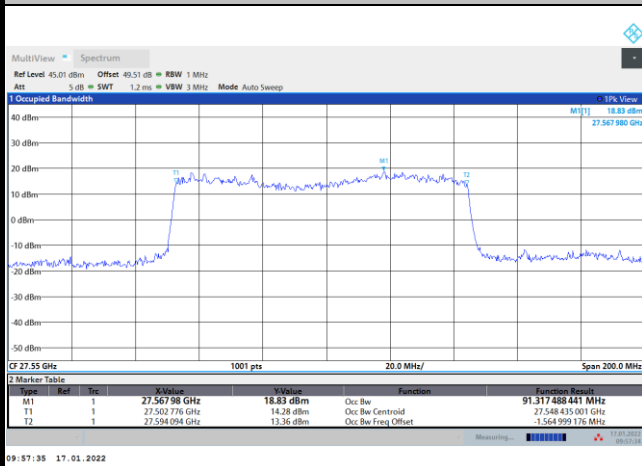




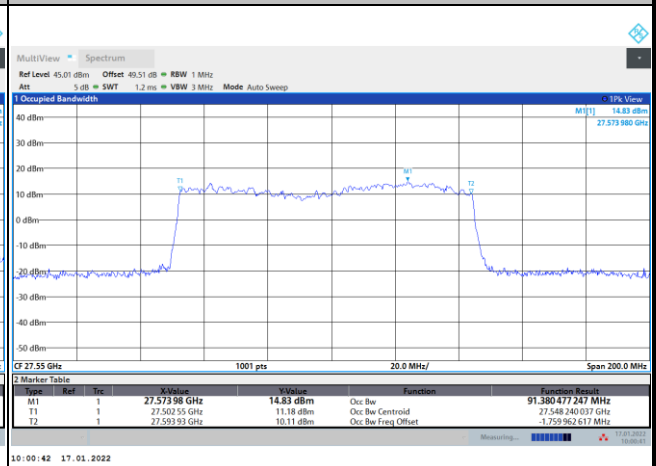
DFT-s-OFDM Module 1

NR Band n261

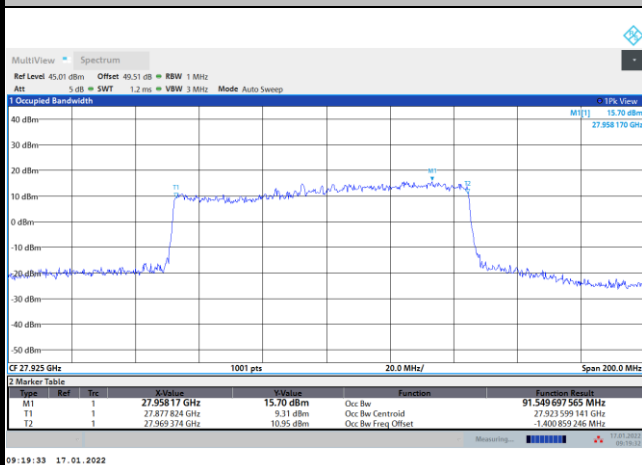
Lowest Channel / 100MHz / 16QAM



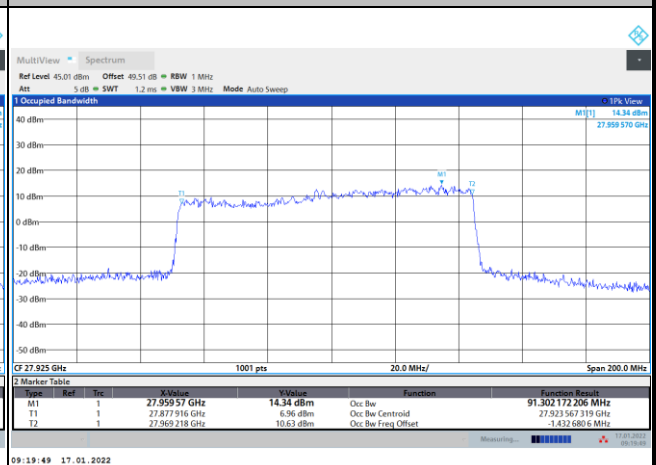
Lowest Channel / 100MHz / 64QAM



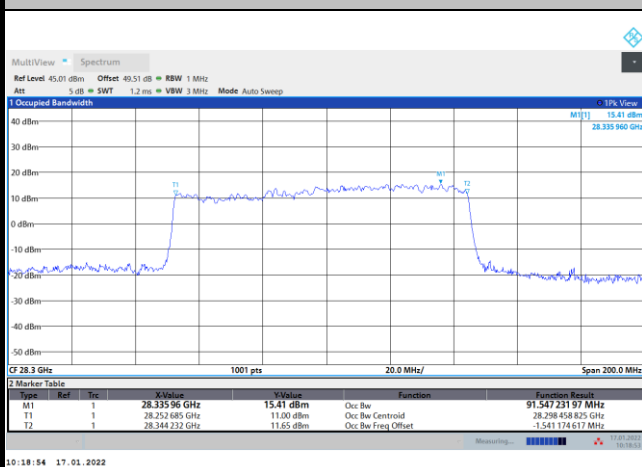
Middle Channel / 100MHz / 16QAM



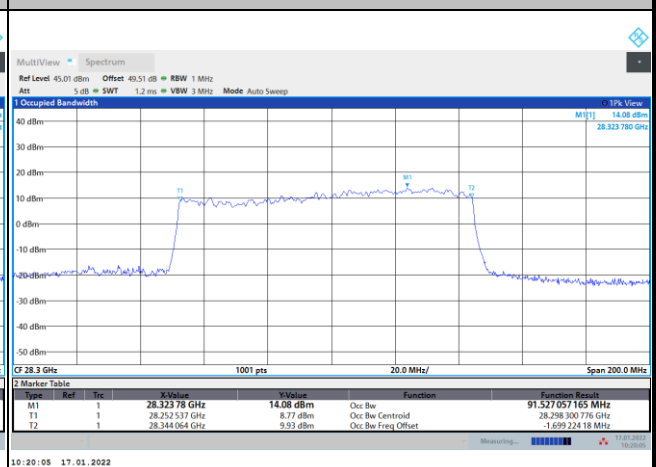
Middle Channel / 100MHz / 64QAM



Highest Channel / 100MHz / 16QAM



Highest Channel / 100MHz / 64QAM

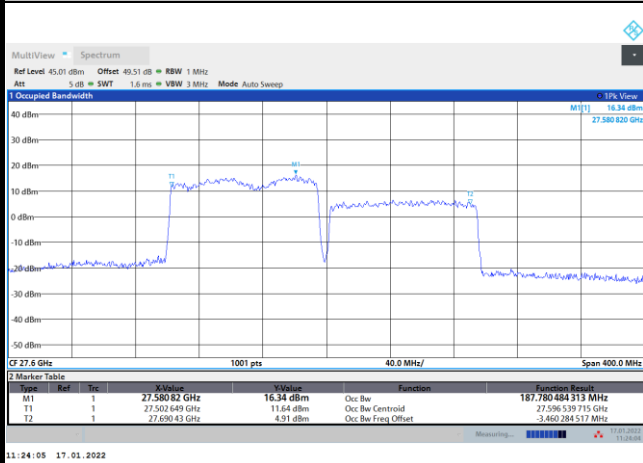




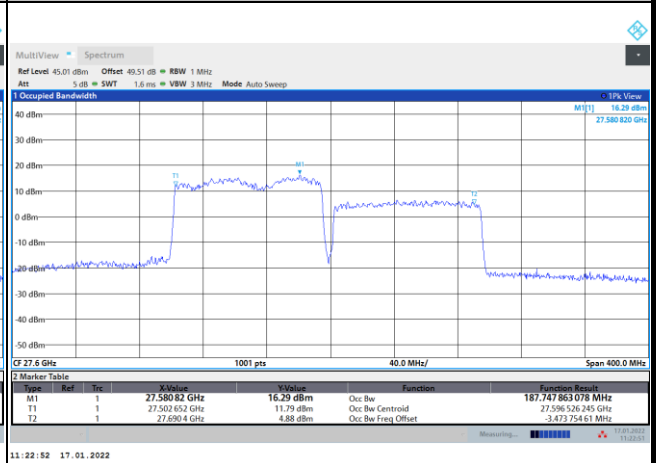
DFT-s-OFDM Module 1

NR Band n261

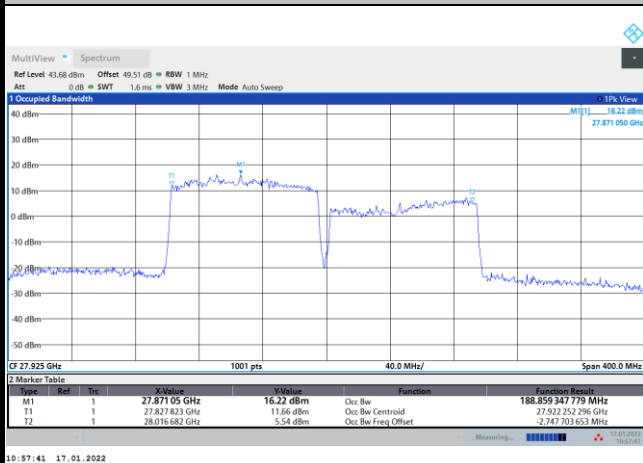
Lowest Channel / 200MHz / BPSK



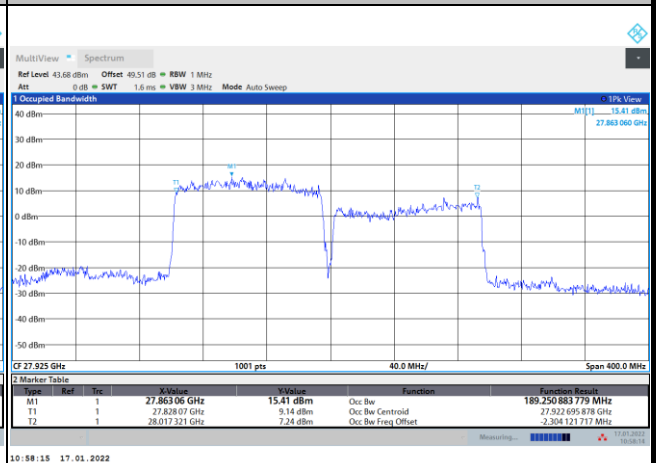
Lowest Channel / 200MHz / QPSK



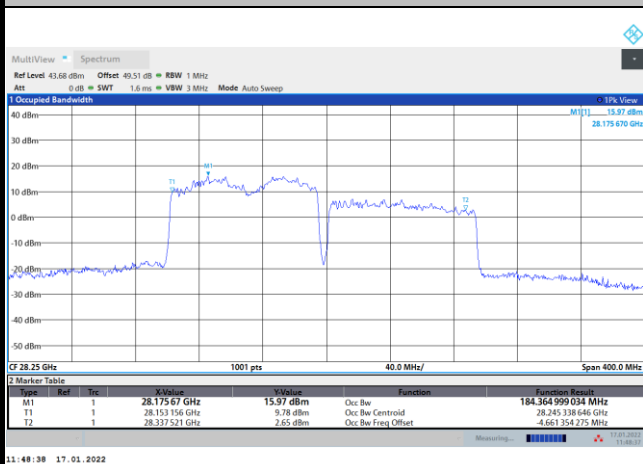
Middle Channel / 200MHz / BPSK



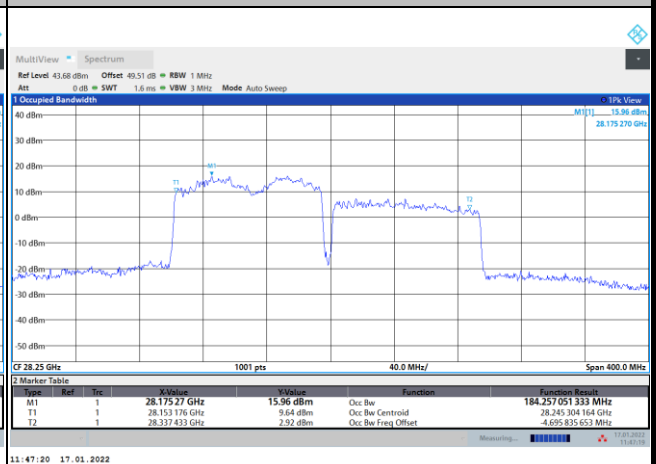
Middle Channel / 200MHz / QPSK



Highest Channel / 200MHz / BPSK



Highest Channel / 200MHz / QPSK

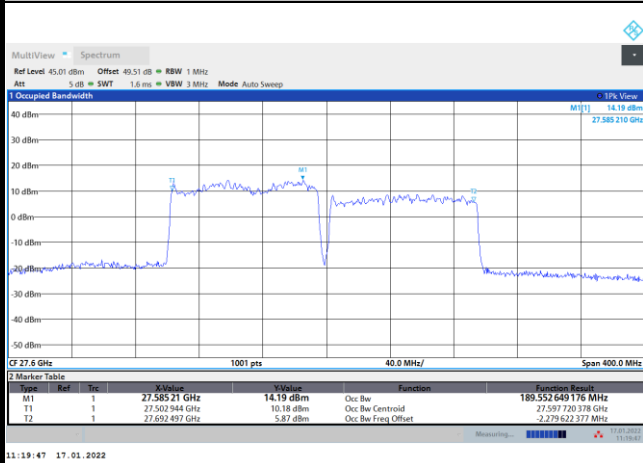




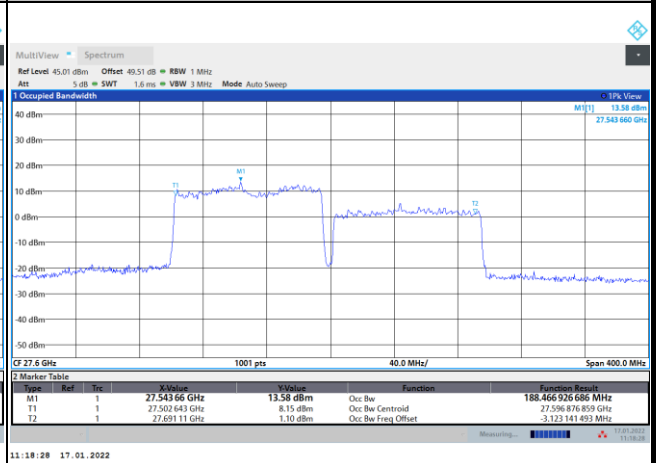
DFT-s-OFDM Module 1

NR Band n261

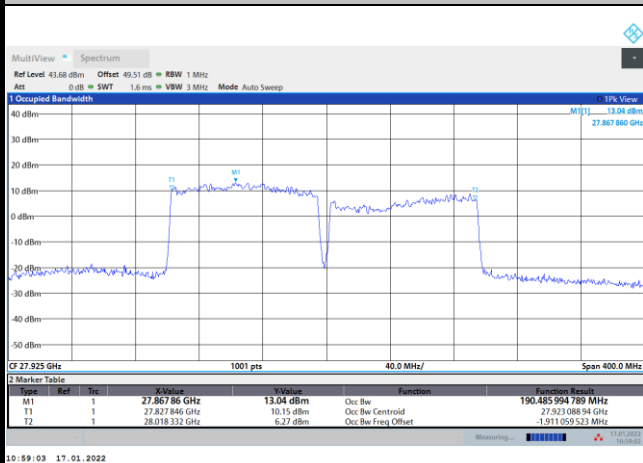
Lowest Channel / 200MHz / 16QAM



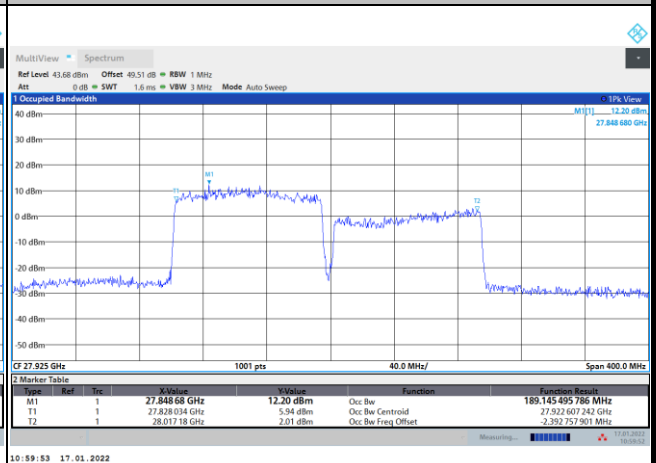
Lowest Channel / 200MHz / 64QAM



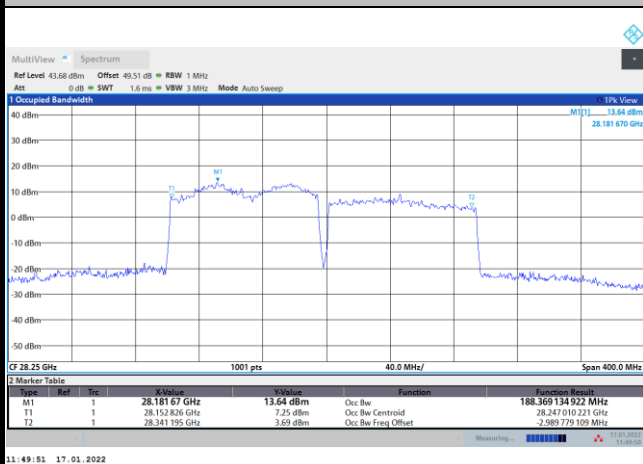
Middle Channel / 200MHz / 16QAM



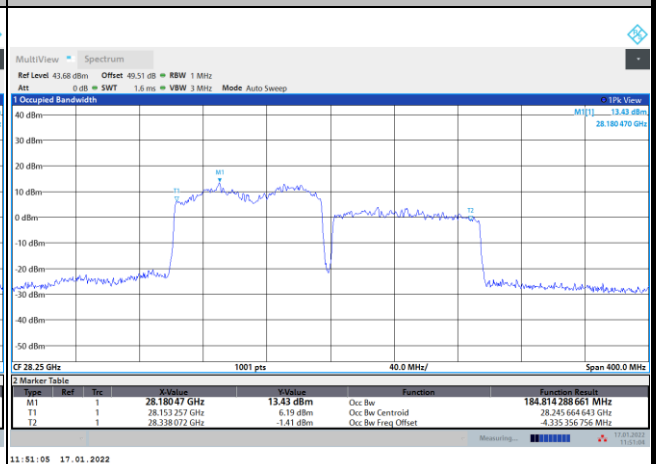
Middle Channel / 200MHz / 64QAM



Highest Channel / 200MHz / 16QAM

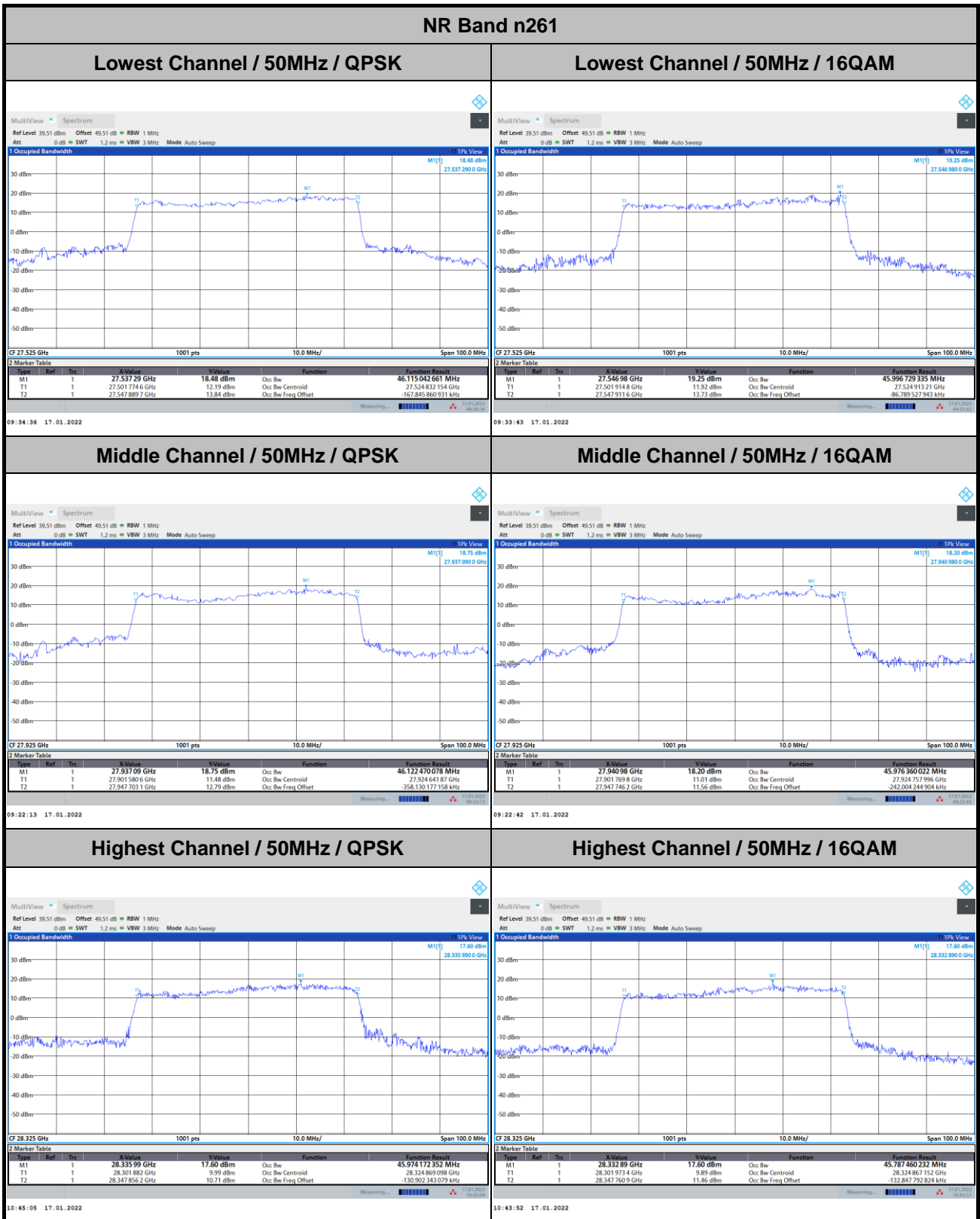


Highest Channel / 200MHz / 64QAM





CP-OFDM Module 1

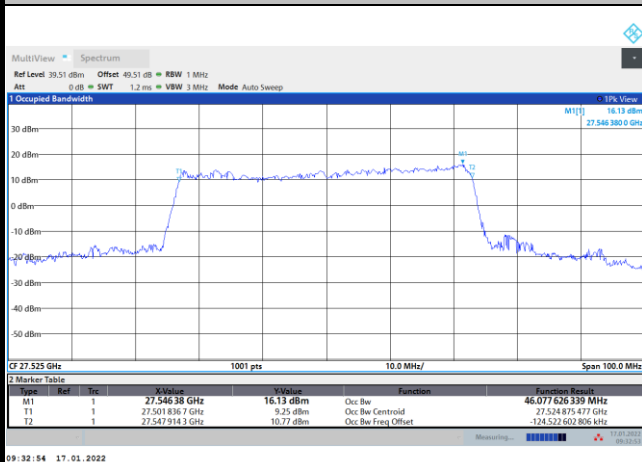




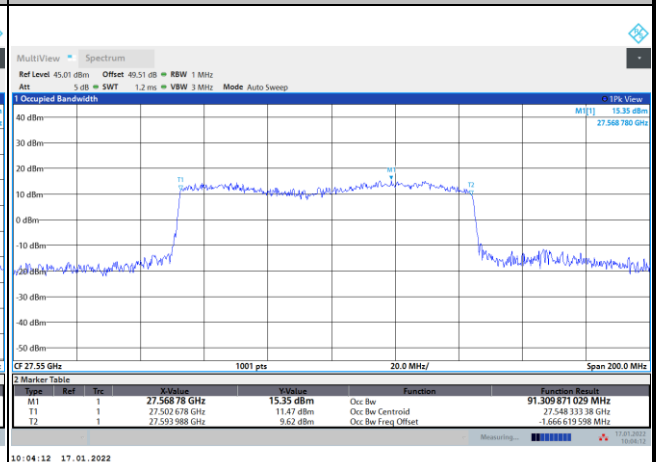
CP-OFDM Module 1

NR Band n261

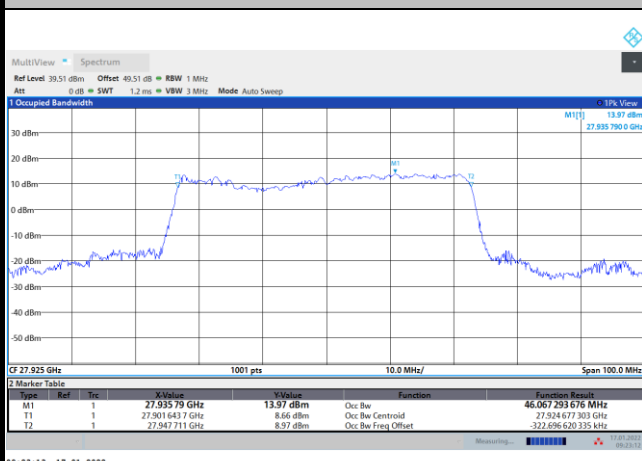
Lowest Channel / 50MHz / 64QAM



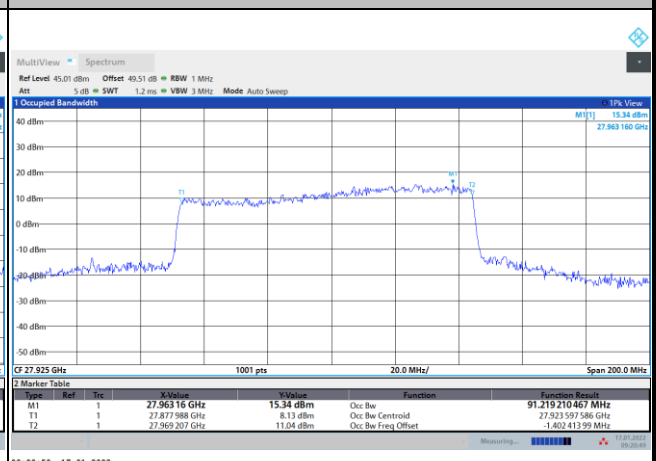
Lowest Channel / 100MHz / QPSK



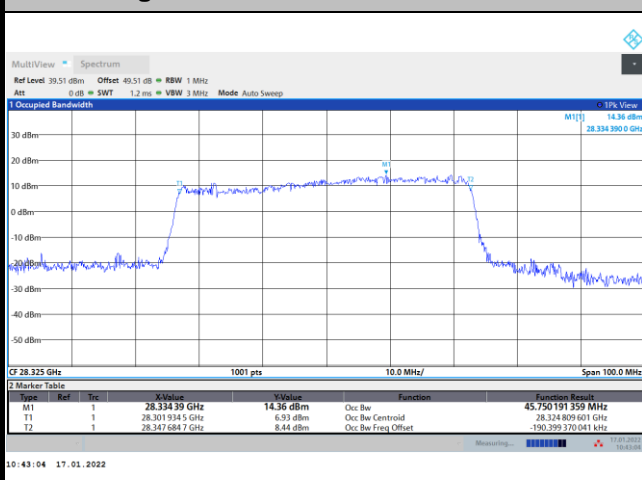
Middle Channel / 50MHz / 64QAM



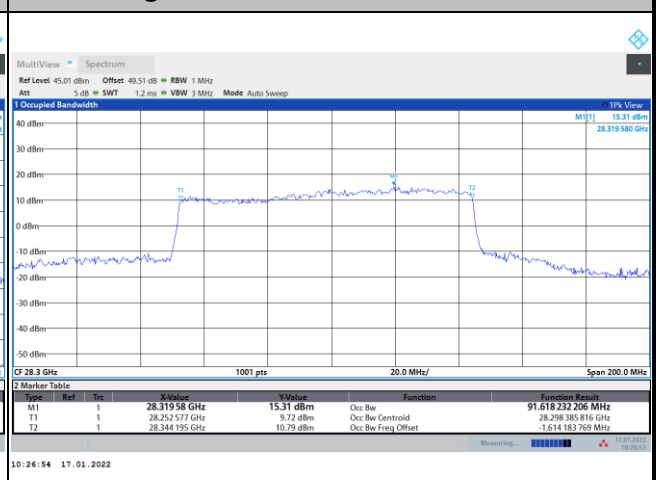
Middle Channel / 100MHz / QPSK



Highest Channel / 50MHz / 64QAM



Highest Channel / 100MHz / QPSK

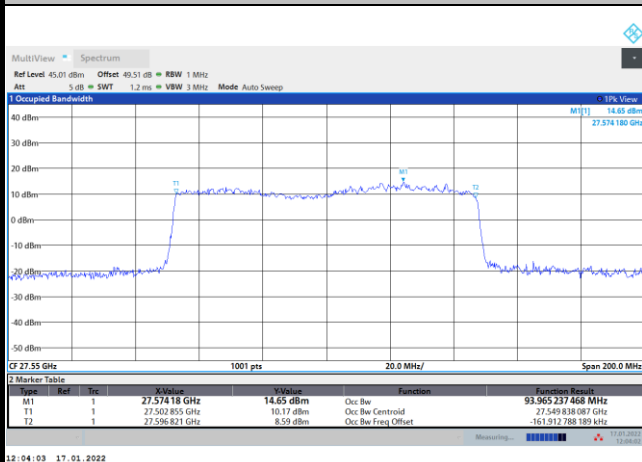




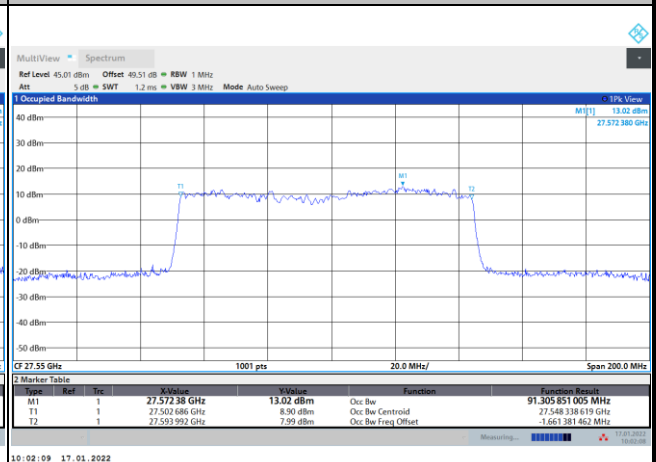
CP-OFDM Module 1

NR Band n261

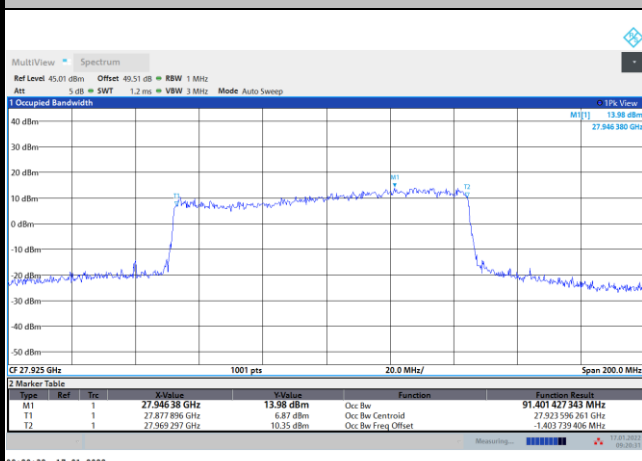
Lowest Channel / 100MHz / 16QAM



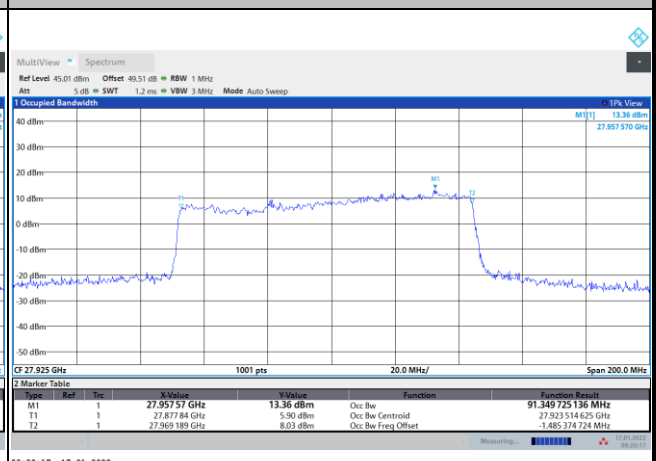
Lowest Channel / 100MHz / 64QAM



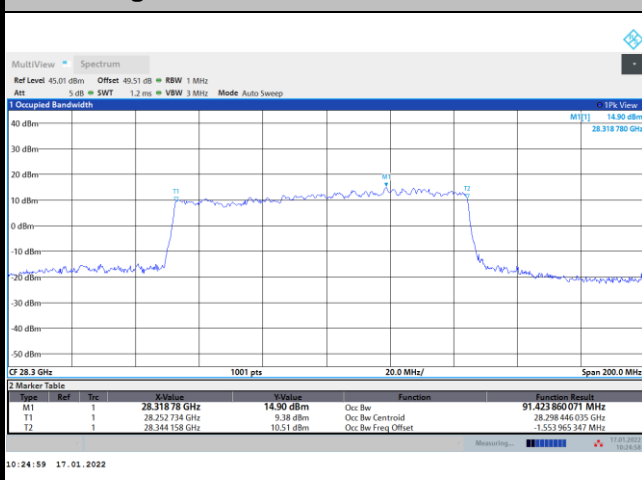
Middle Channel / 100MHz / 16QAM



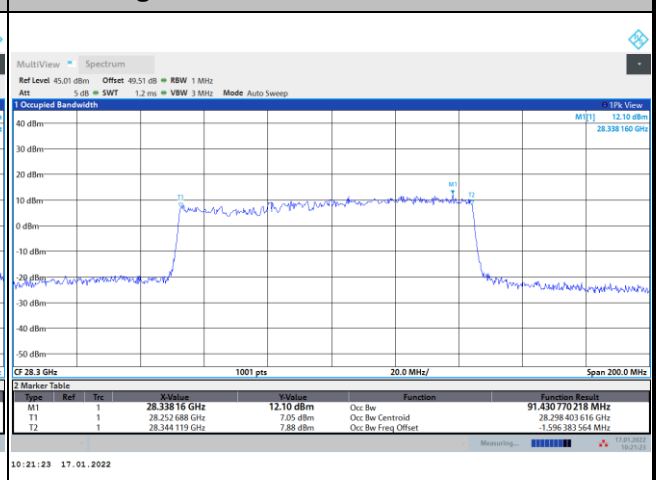
Middle Channel / 100MHz / 64QAM



Highest Channel / 100MHz / 16QAM



Highest Channel / 100MHz / 64QAM

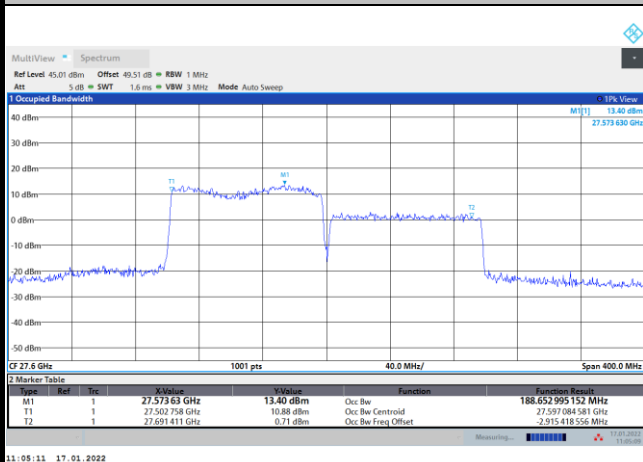




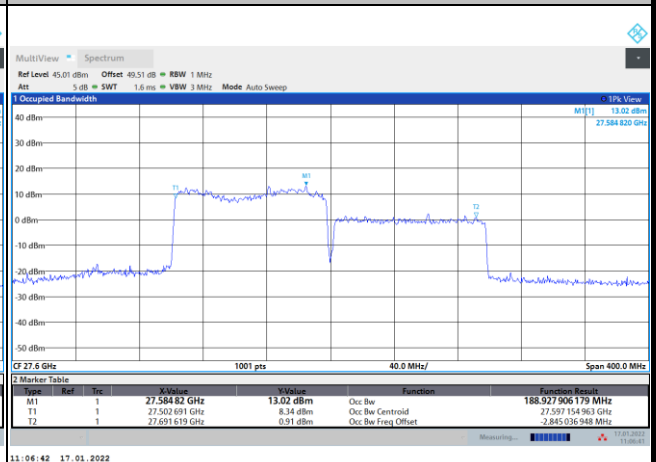
CP-OFDM Module 1

NR Band n261

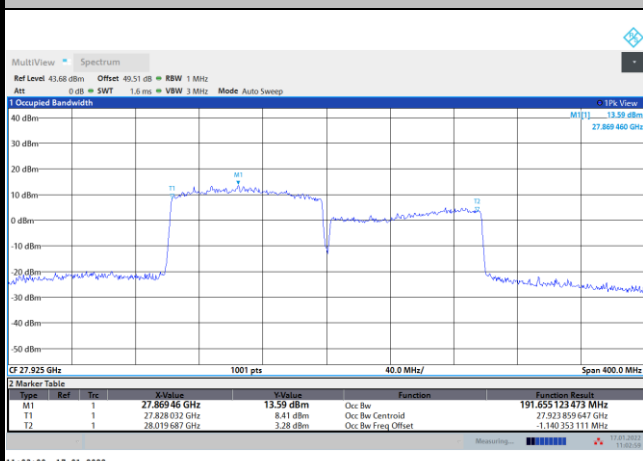
Lowest Channel / 200MHz / QPSK



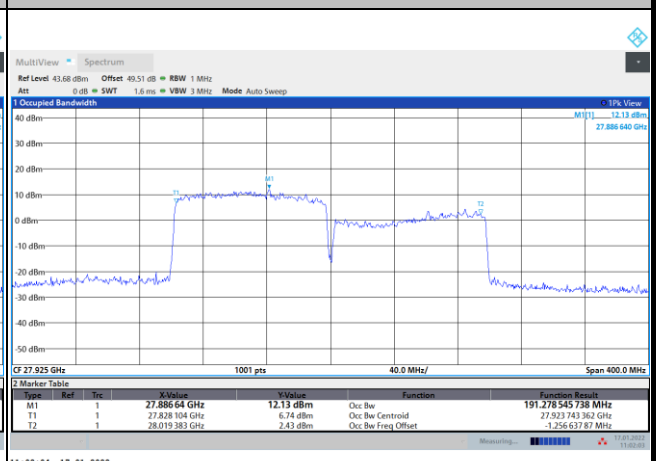
Lowest Channel / 200MHz / 16QAM



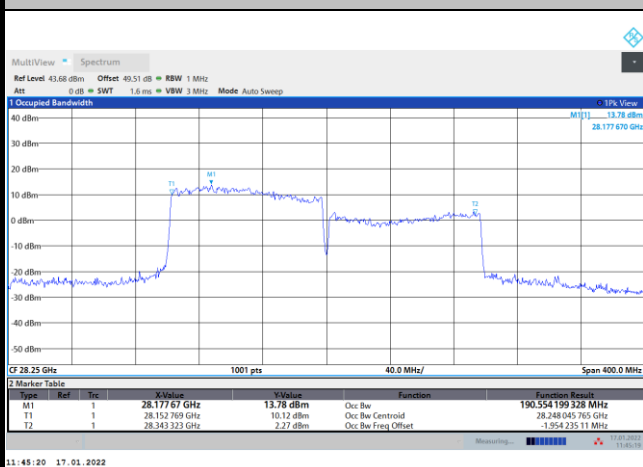
Middle Channel / 200MHz / QPSK



Middle Channel / 200MHz / 16QAM



Highest Channel / 200MHz / QPSK



Highest Channel / 200MHz / 16QAM

