

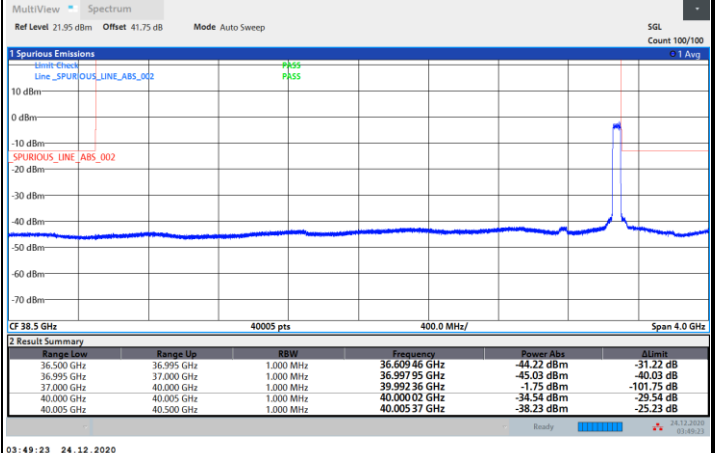
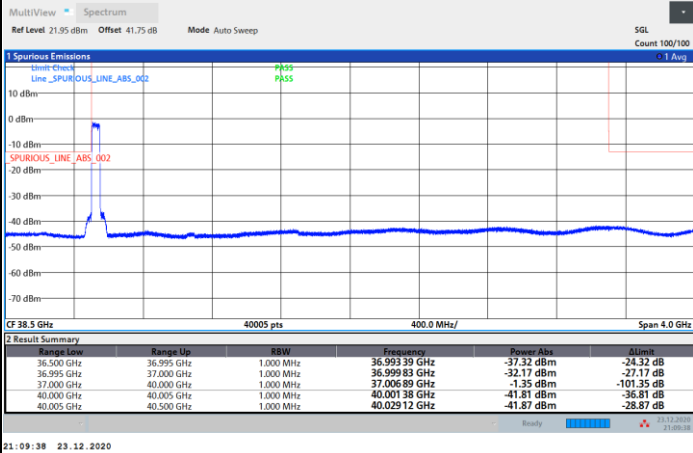


DFT-s-OFDM Module 0

NR Band n260 / 50MHz / BPSK

Lowest Band Edge / Full RB

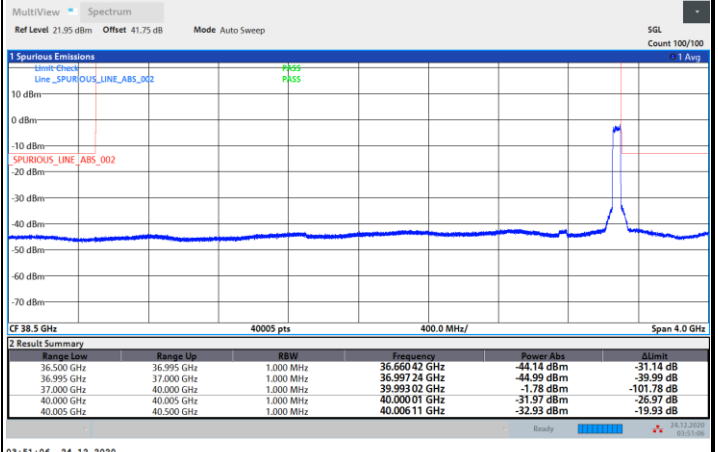
Highest Band Edge / Full RB



NR Band n260 / 50MHz / QPSK

Lowest Band Edge / Full RB

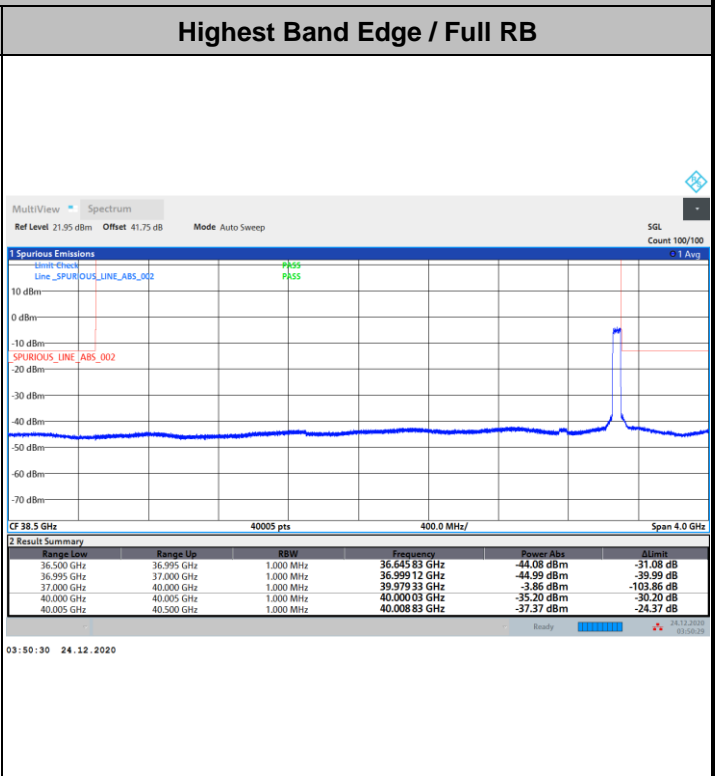
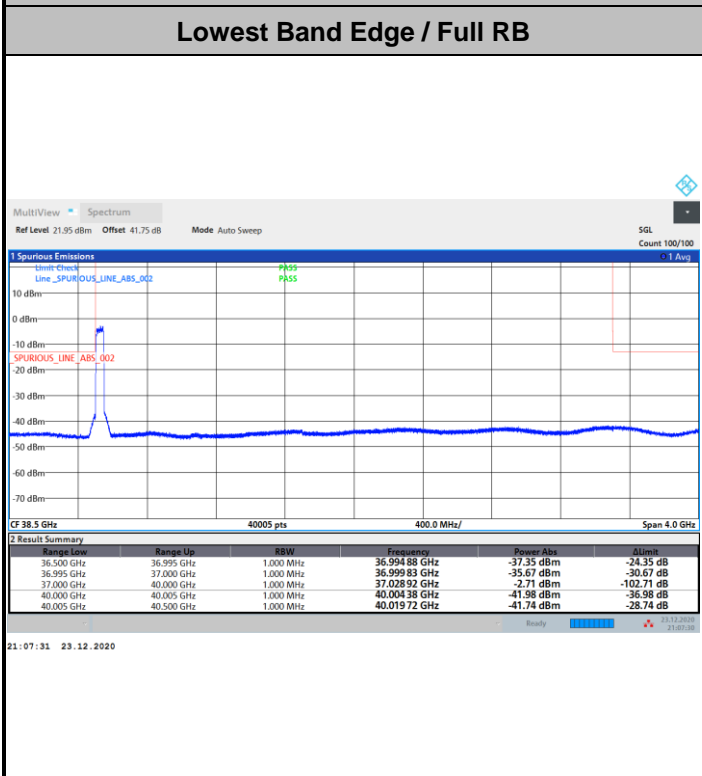
Highest Band Edge / Full RB



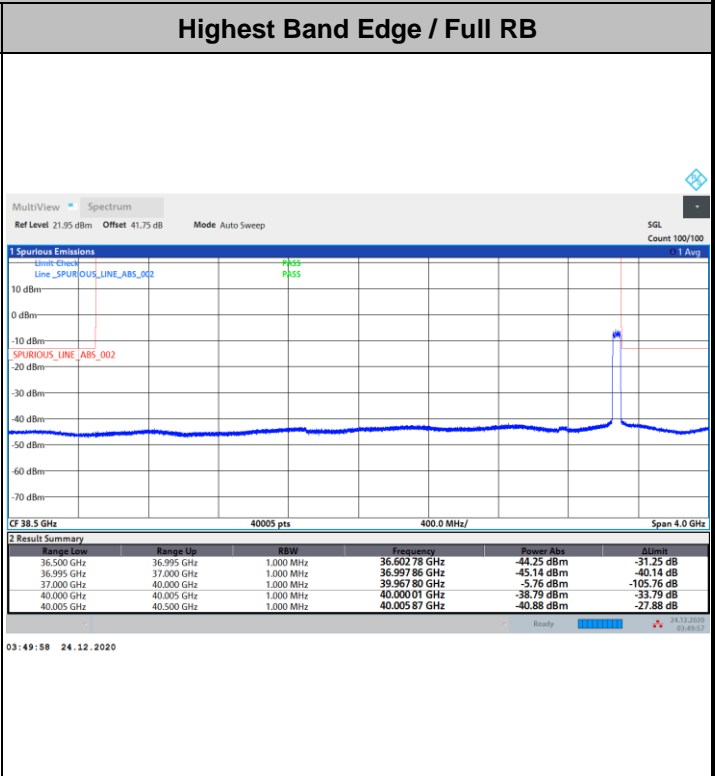
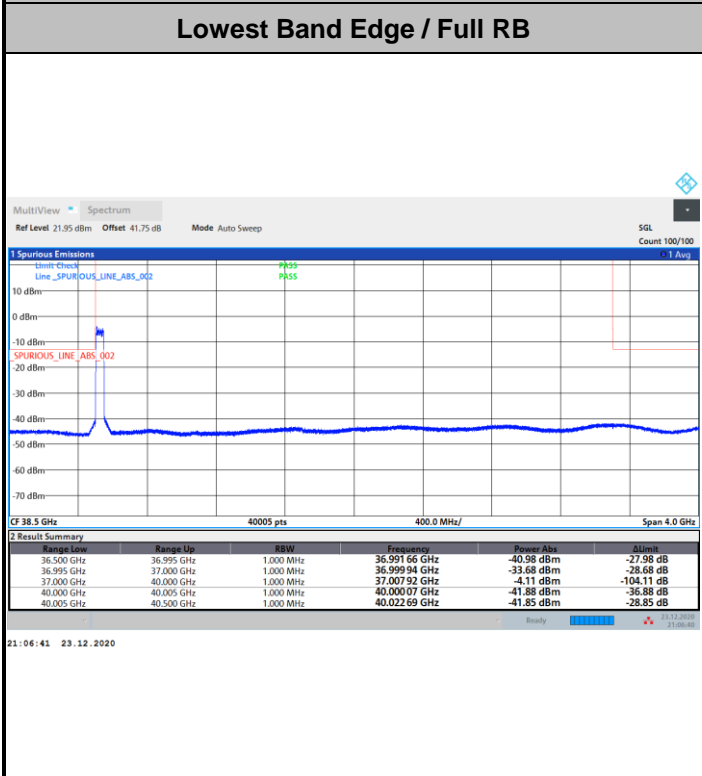


DFT-s-OFDM Module 0

NR Band n260 / 50MHz / 16QAM



NR Band n260 / 50MHz / 64QAM

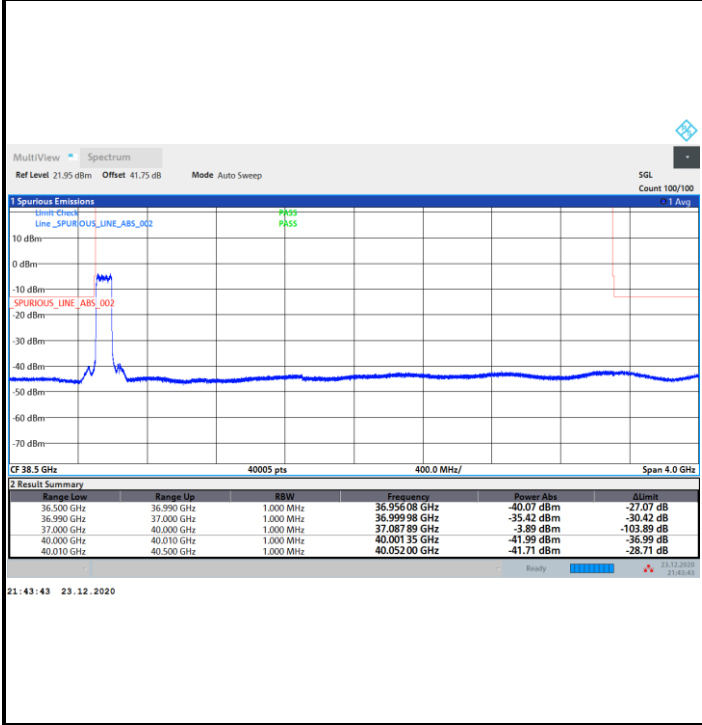




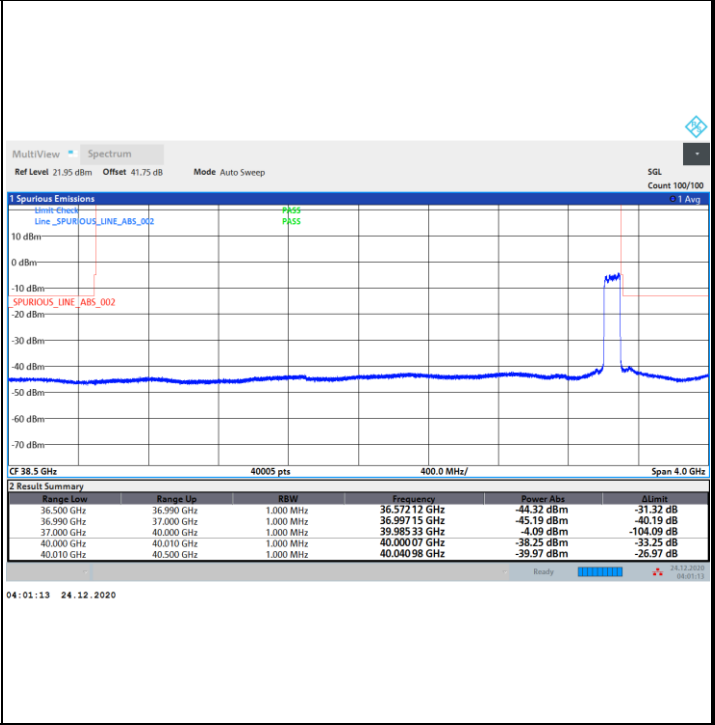
DFT-s-OFDM Module 0

NR Band n260 / 100MHz / BPSK

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

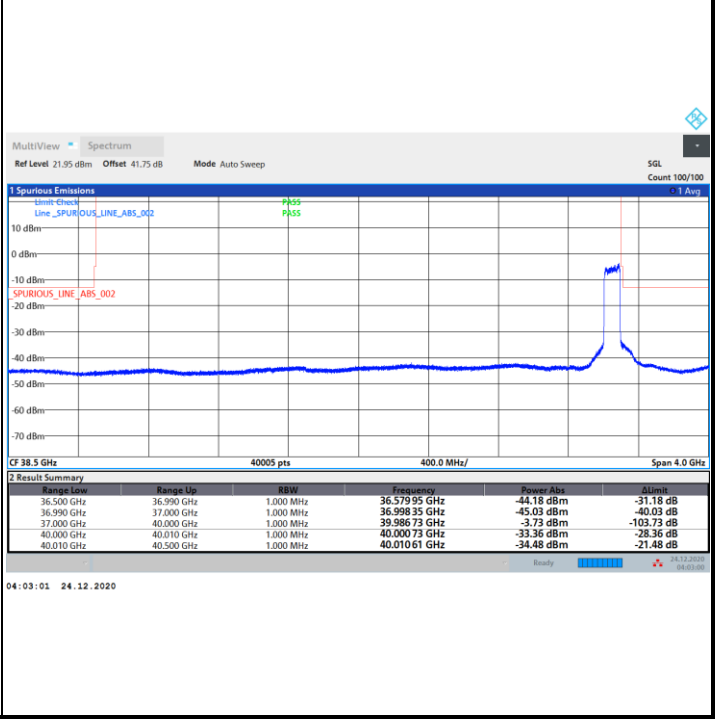


NR Band n260 / 100MHz / QPSK

Lowest Band Edge / Full RB



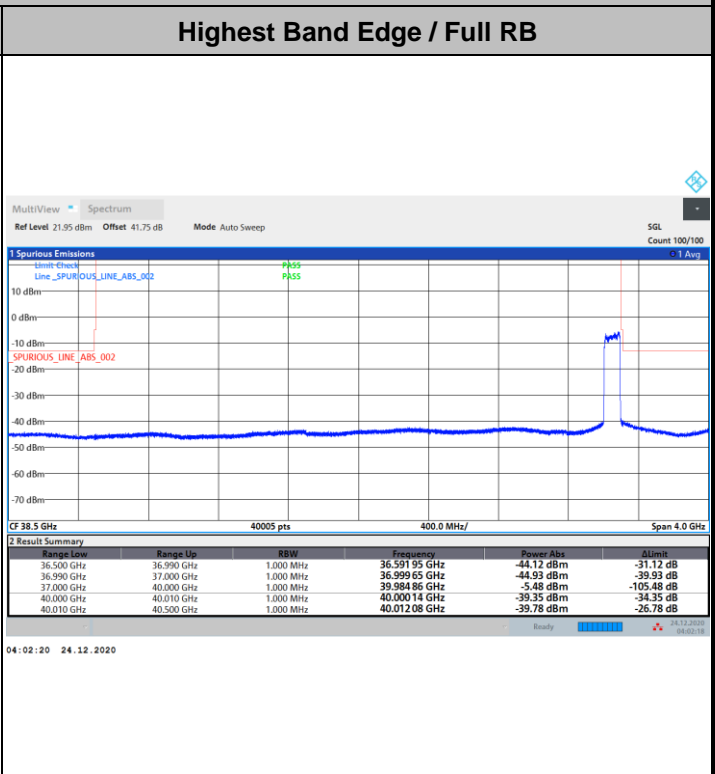
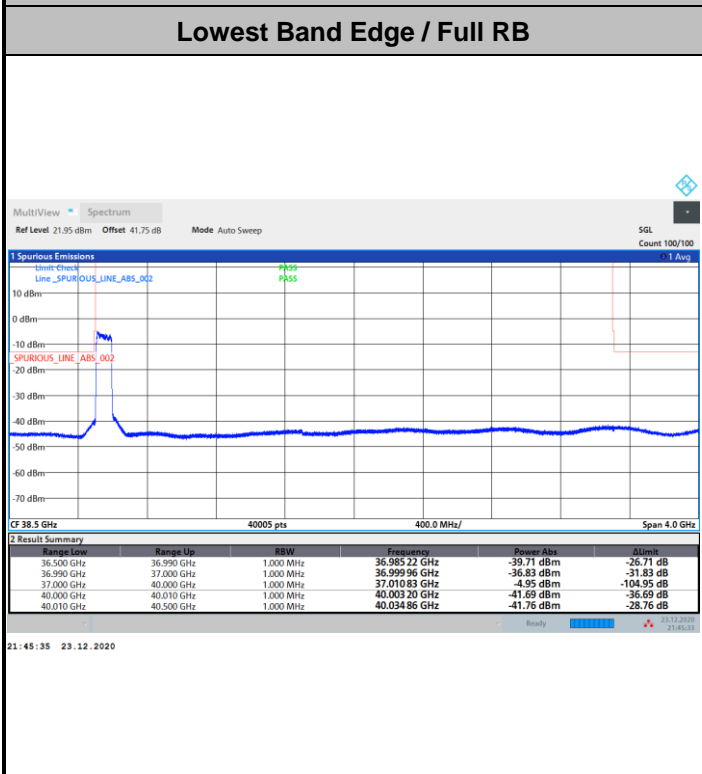
Highest Band Edge / Full RB



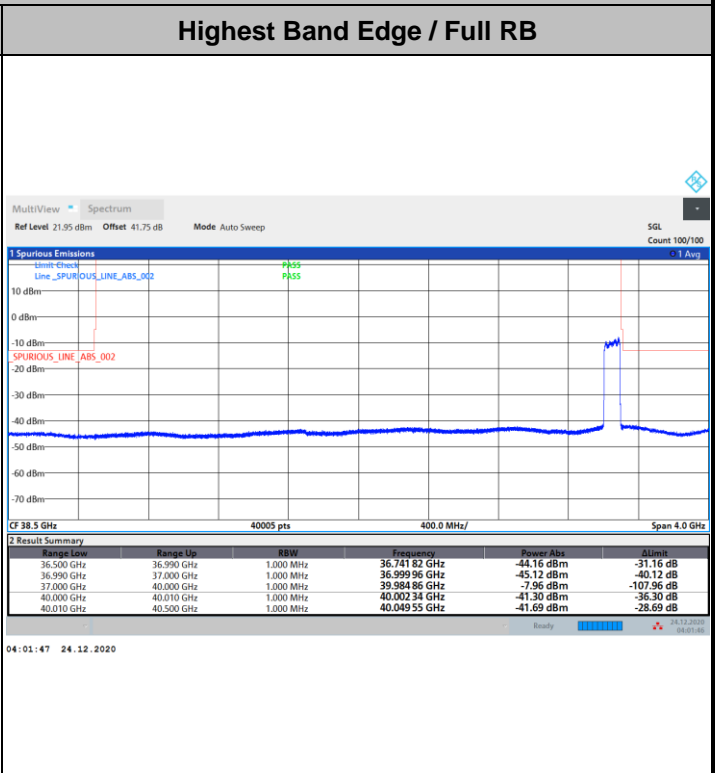
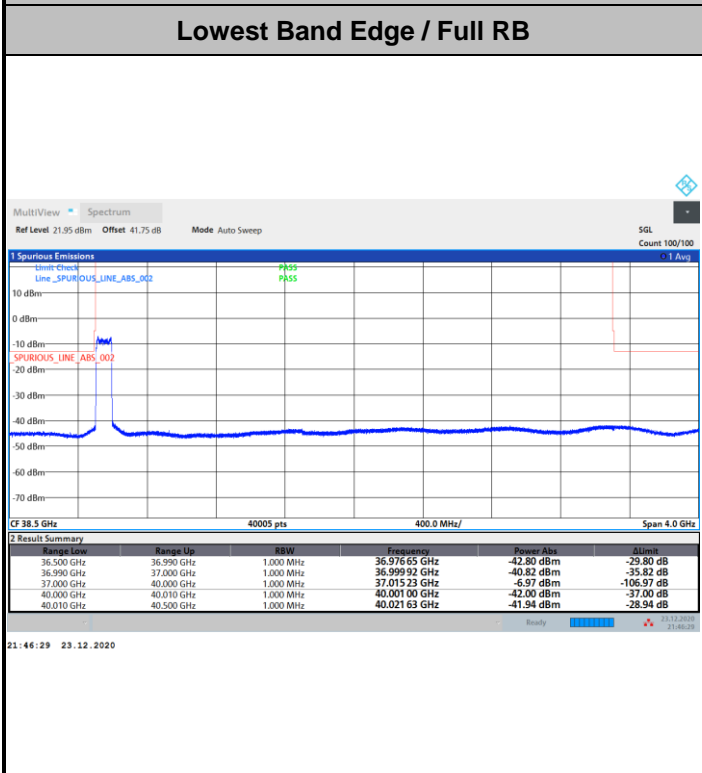


DFT-s-OFDM Module 0

NR Band n260 / 100MHz / 16QAM



NR Band n260 / 100MHz / 64QAM

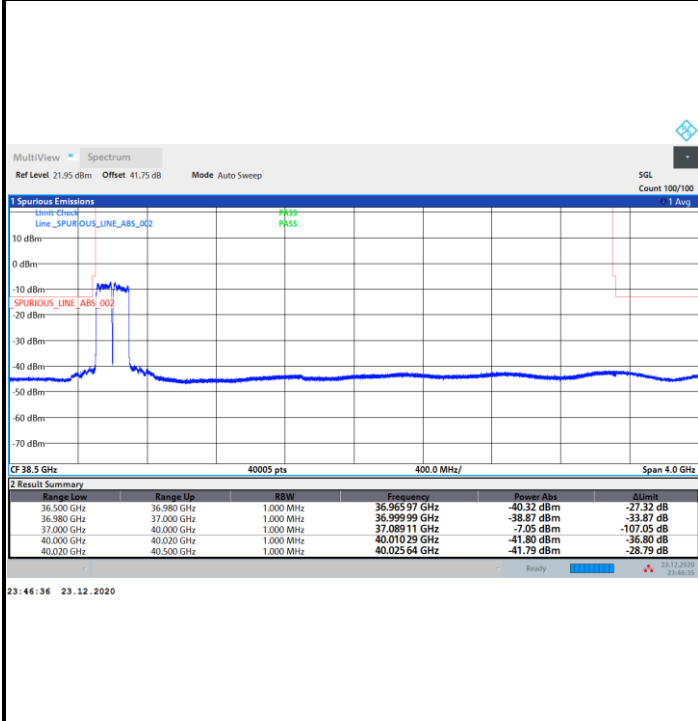




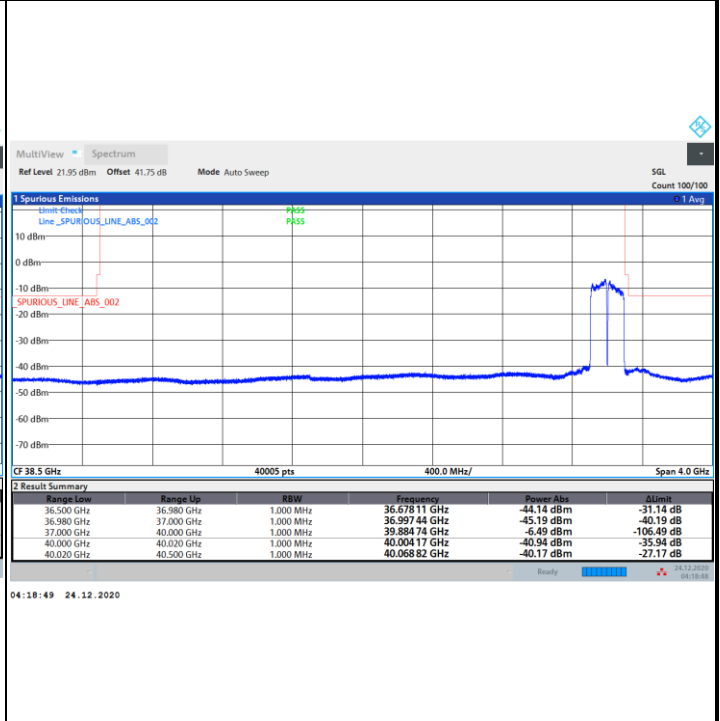
DFT-s-OFDM Module 0

NR Band n260 / 200MHz / BPSK

Lowest Band Edge / Full RB

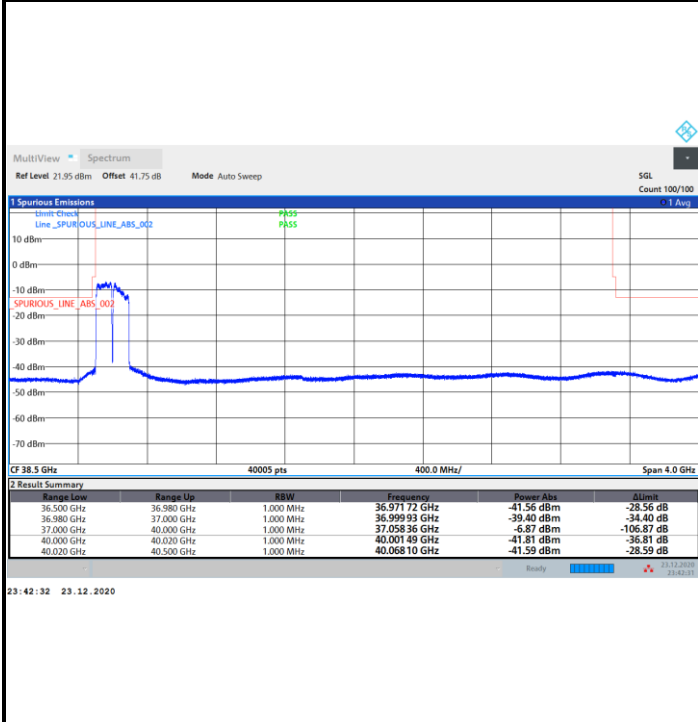


Highest Band Edge / Full RB

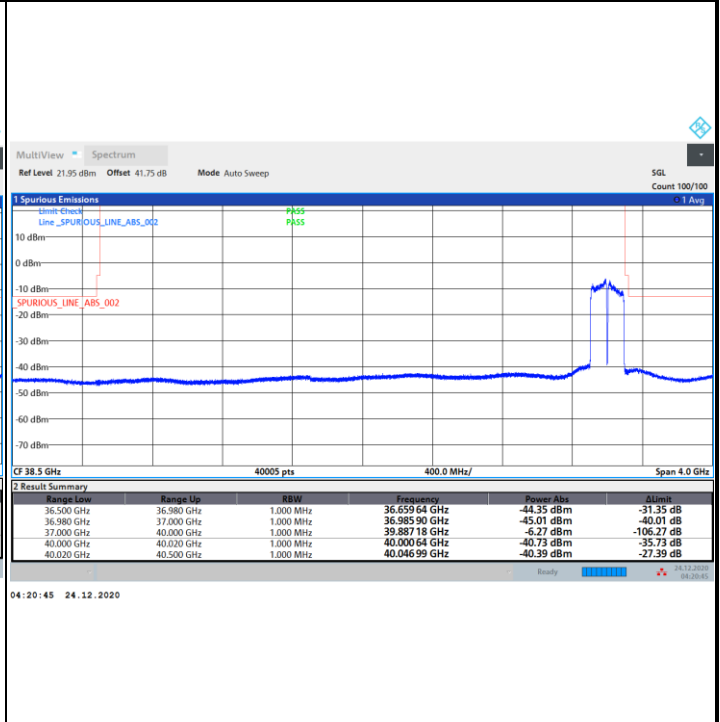


NR Band n260 / 50MHz / QPSK

Lowest Band Edge / Full RB

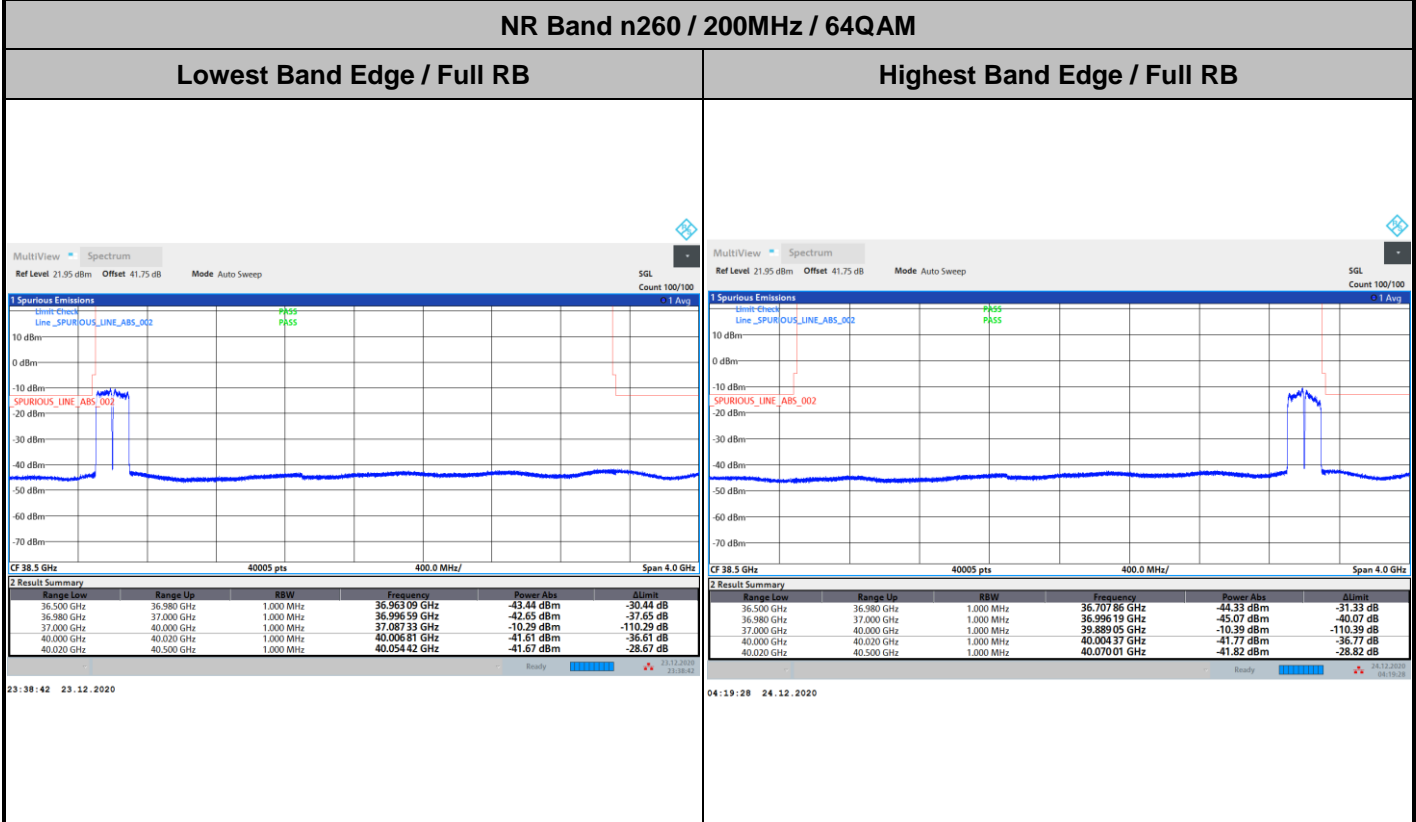
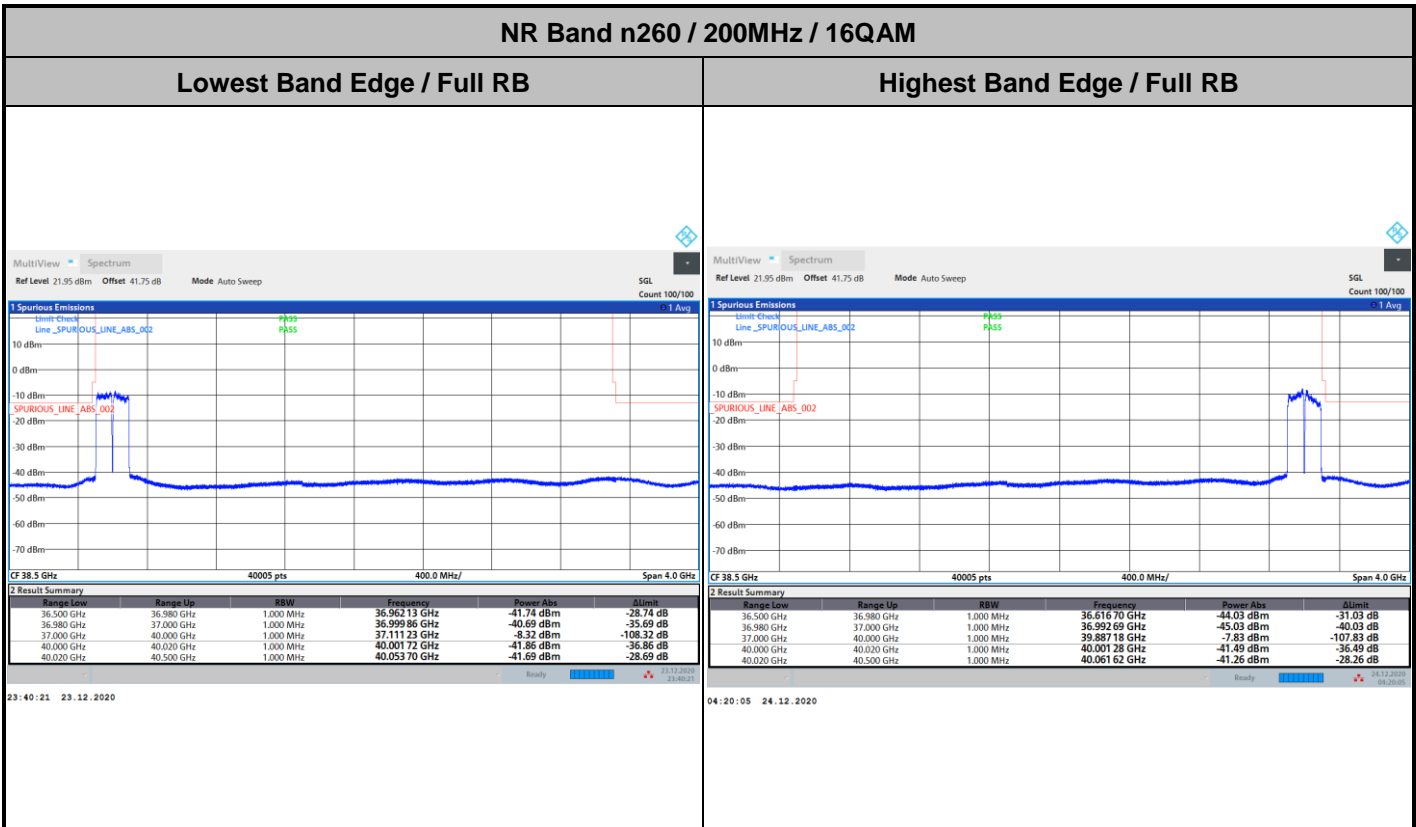


Highest Band Edge / Full RB





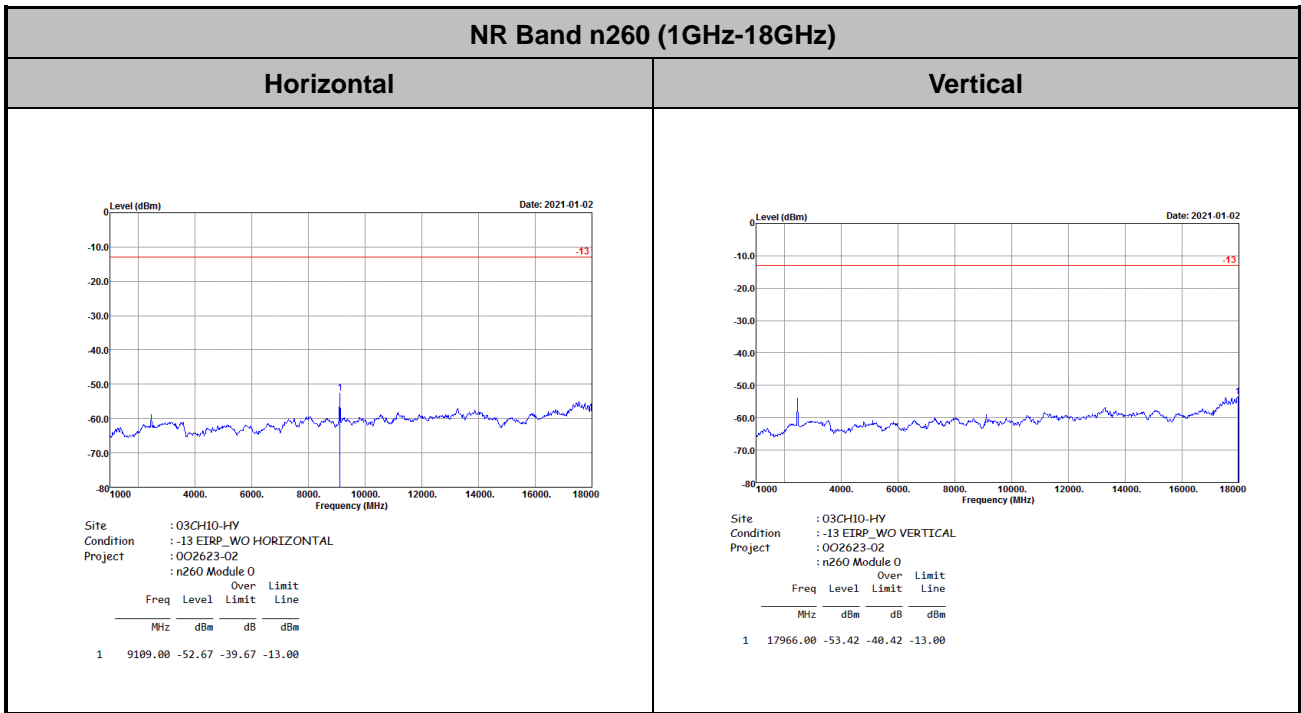
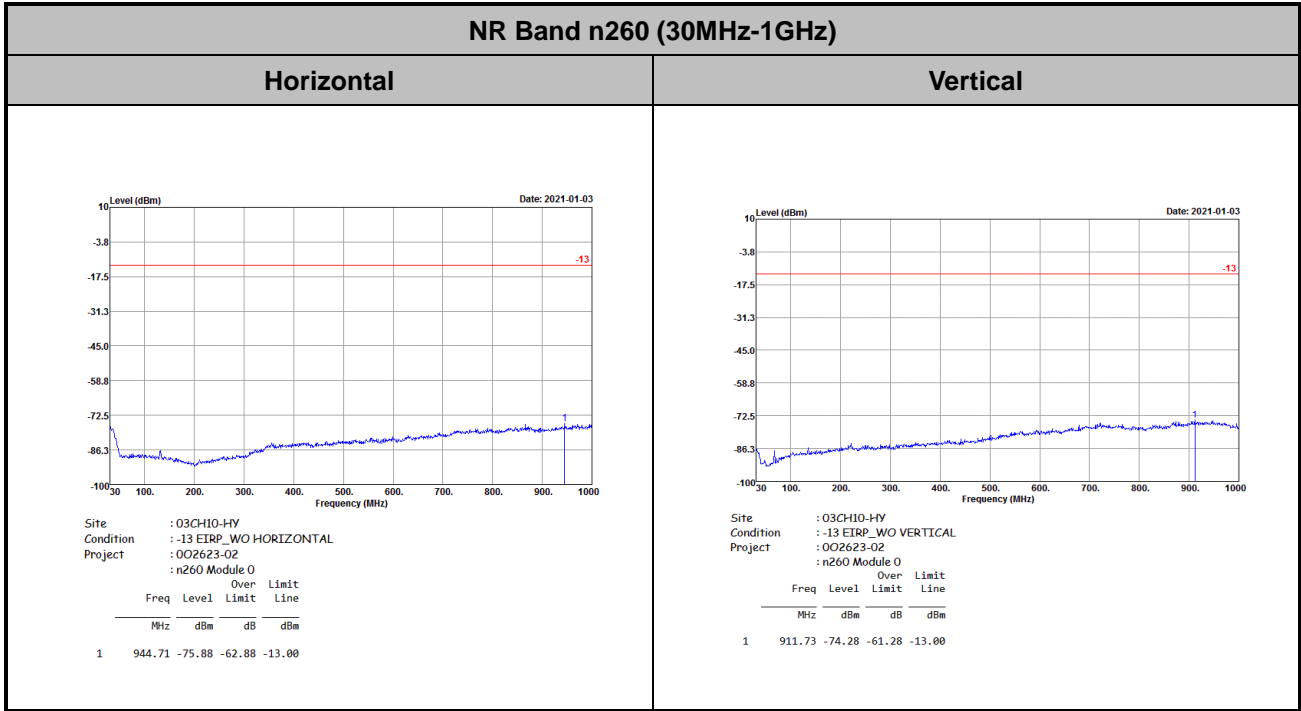
DFT-s-OFDM Module 0





# Spurious Emission

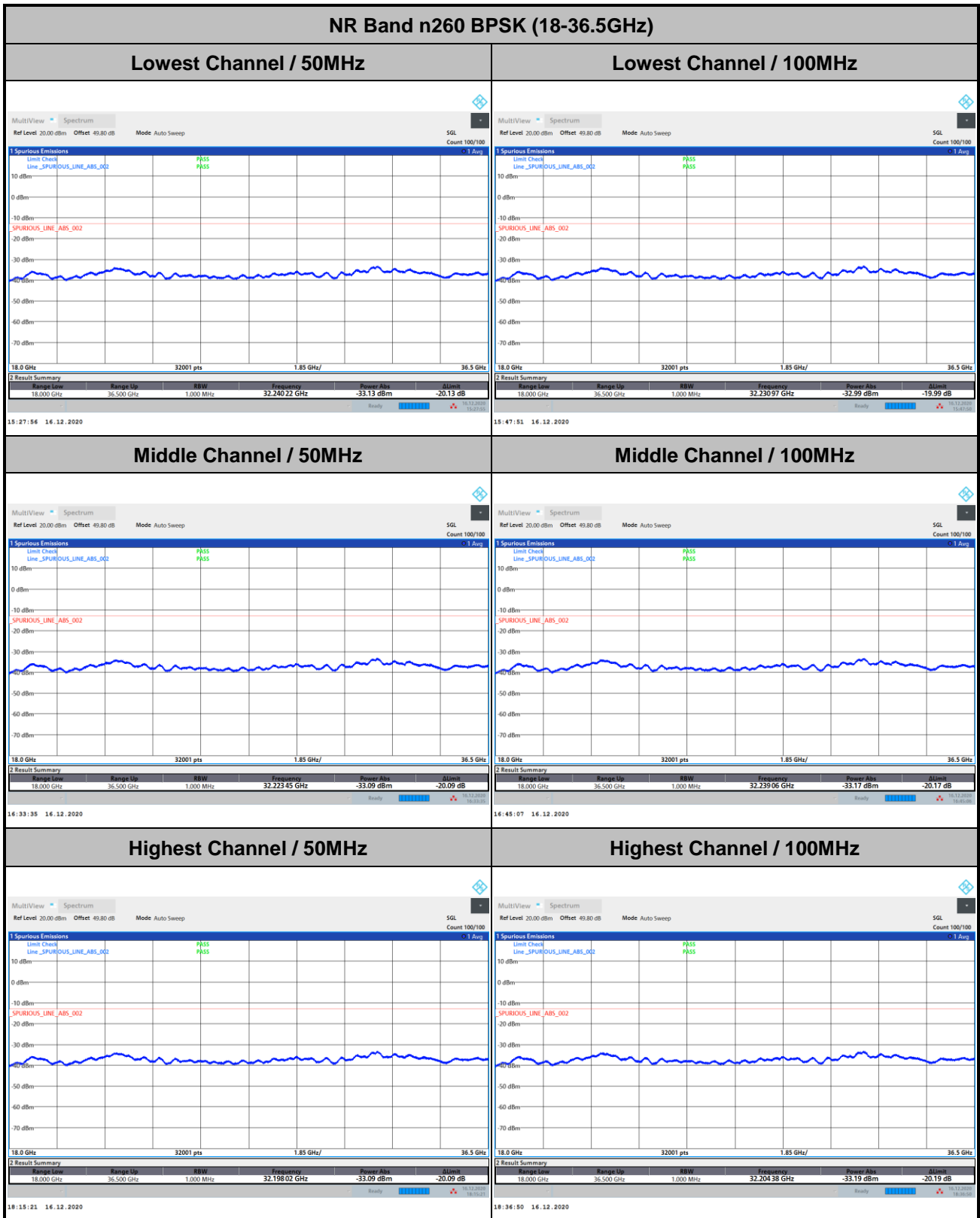
There is no significant spurious emission signal found for frequency started from 30MHz up to 18GHz. Only the noise floor is reported.





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

AG0 DFT-s-OFDM Module 0

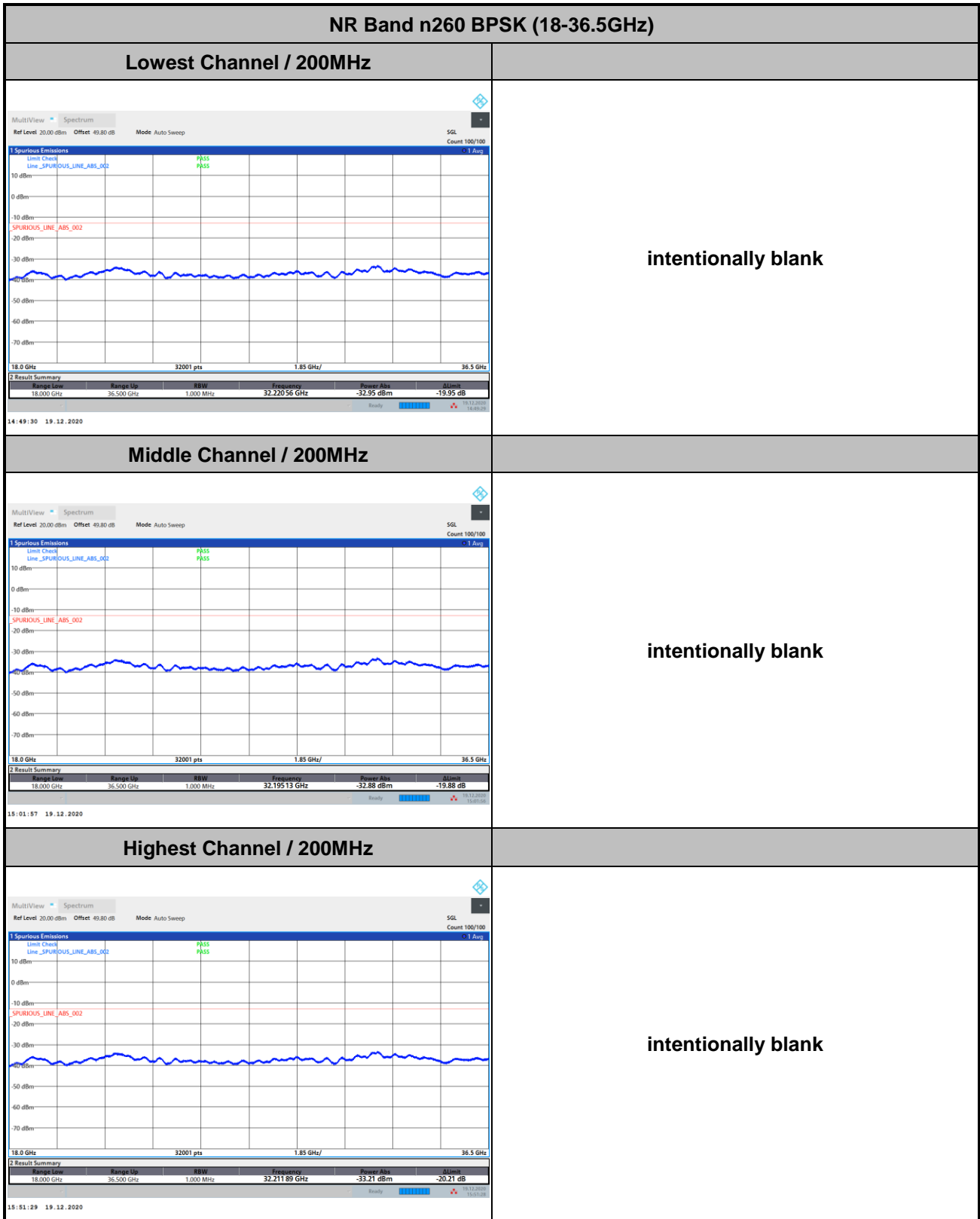


Remark: In band and out of band frequencies are omitted.





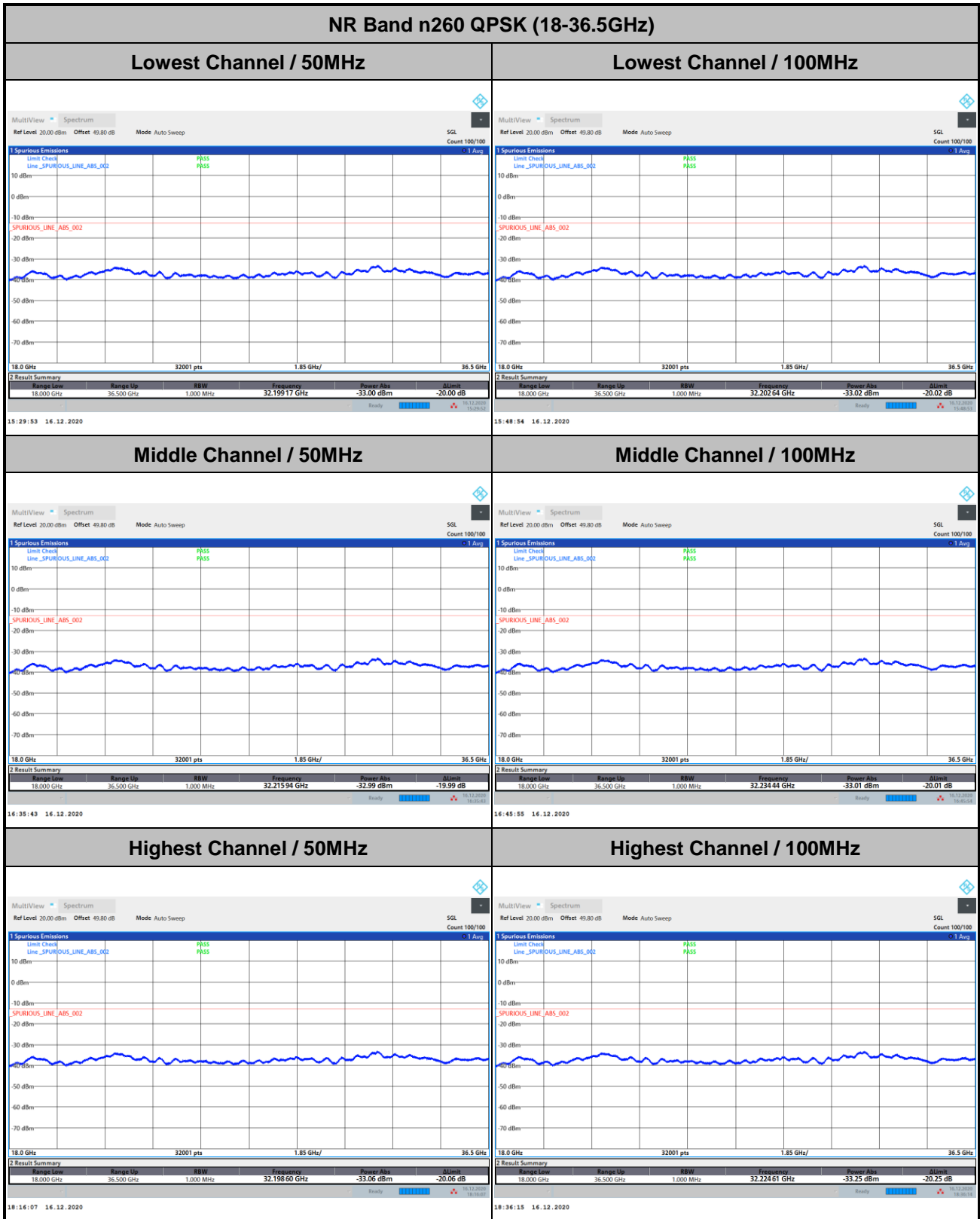
AG0 DFT-s-OFDM Module 0



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



AG0 DFT-s-OFDM Module 0



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



AG0 DFT-s-OFDM Module 0

NR Band n260 QPSK (18-36.5GHz)	
<p><b>Lowest Channel / 200MHz</b></p>	<p>intentionally blank</p>
<p><b>Middle Channel / 200MHz</b></p>	<p>intentionally blank</p>
<p><b>Highest Channel / 200MHz</b></p>	<p>intentionally blank</p>

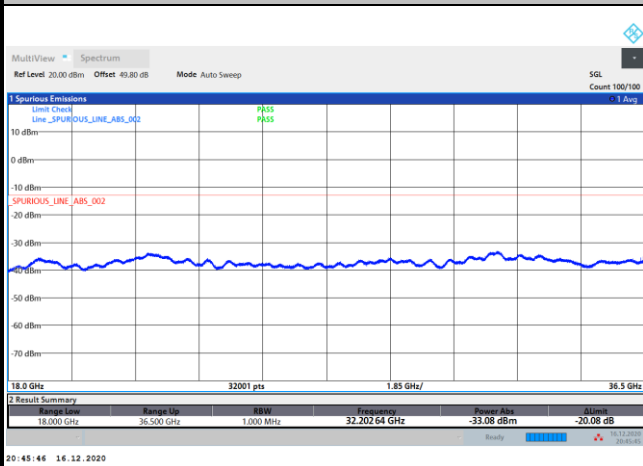
Remark: In band and out of band frequencies are omitted.



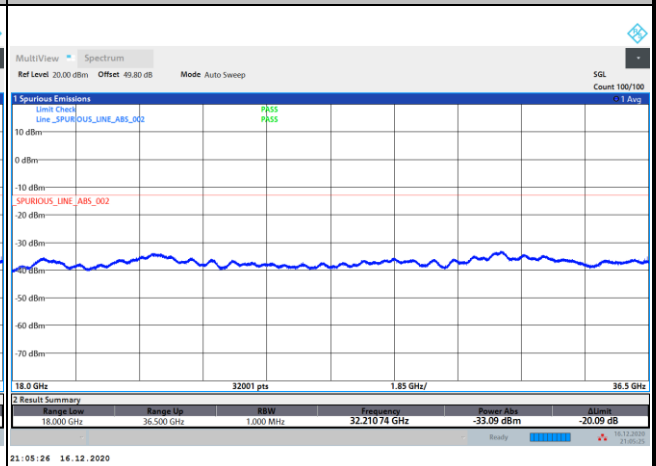
AG1 DFT-s-OFDM Module 0

NR Band n260 BPSK (18-36.5GHz)

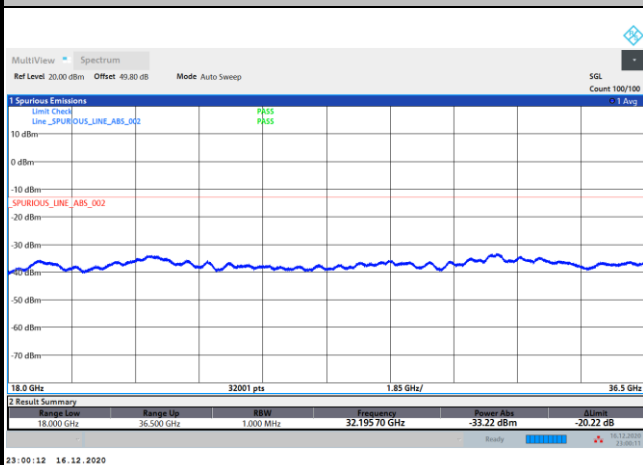
Lowest Channel / 50MHz



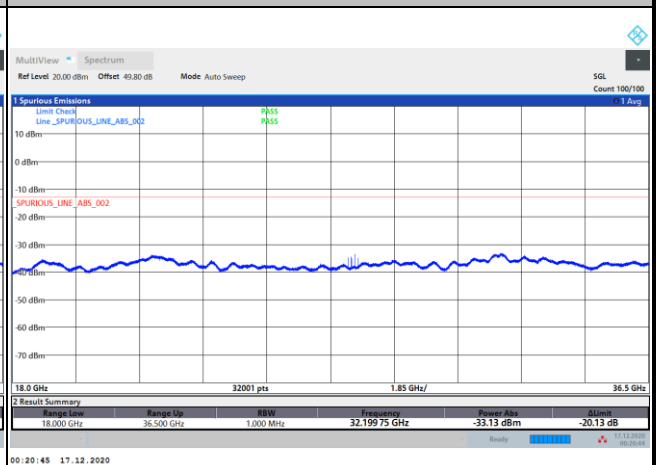
Lowest Channel / 100MHz



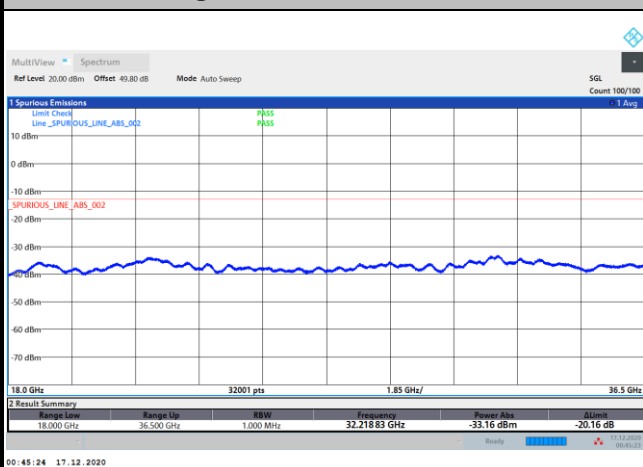
Middle Channel / 50MHz



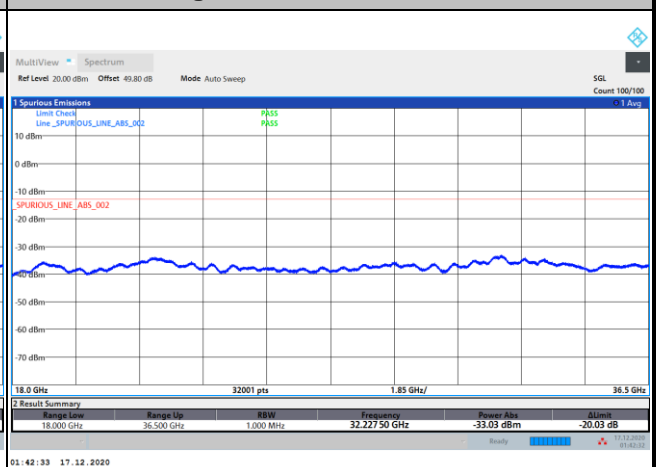
Middle Channel / 100MHz



Highest Channel / 50MHz



Highest Channel / 100MHz



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



AG1 DFT-s-OFDM Module 0

NR Band n260 BPSK (18-36.5GHz)	
Lowest Channel / 200MHz	
<p>MultiView Spectrum Ref Level 20.00 dBm Offset 49.80 dB Mode Auto Sweep SGL Count 100/100 Spurious Emissions Limit Check Line_SPURIOUS_LINE_ABS_002 PASS 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm 18.0 GHz 32001 pts 1.85 GHz/ 36.5 GHz Results Summary Range Low Range Up RBW Frequency Power Abs Limit 18.000 GHz 36.500 GHz 1.000 MHz 32.237 91 GHz -33.15 dBm -20.15 dB 17:11:26 19.12.2020</p>	intentionally blank
Middle Channel / 200MHz	
<p>MultiView Spectrum Ref Level 20.00 dBm Offset 49.80 dB Mode Auto Sweep SGL Count 100/100 Spurious Emissions Limit Check Line_SPURIOUS_LINE_ABS_002 PASS 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm 18.0 GHz 32001 pts 1.85 GHz/ 36.5 GHz Results Summary Range Low Range Up RBW Frequency Power Abs Limit 18.000 GHz 36.500 GHz 1.000 MHz 32.215 36 GHz -33.18 dBm -20.18 dB 14:49:47 19.12.2020</p>	intentionally blank
Highest Channel / 200MHz	
<p>MultiView Spectrum Ref Level 20.00 dBm Offset 49.80 dB Mode Auto Sweep SGL Count 100/100 Spurious Emissions Limit Check Line_SPURIOUS_LINE_ABS_002 PASS 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm 18.0 GHz 32001 pts 1.85 GHz/ 36.5 GHz Results Summary Range Low Range Up RBW Frequency Power Abs Limit 18.000 GHz 36.500 GHz 1.000 MHz 32.191 66 GHz -33.12 dBm -20.12 dB 14:31:34 19.12.2020</p>	intentionally blank

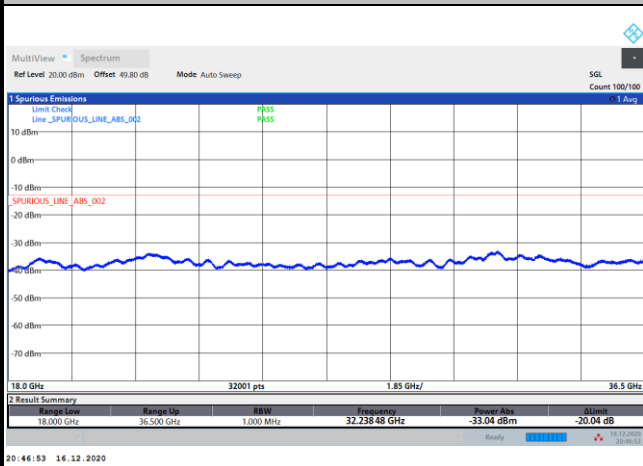
Remark: In band and out of band frequencies are omitted.



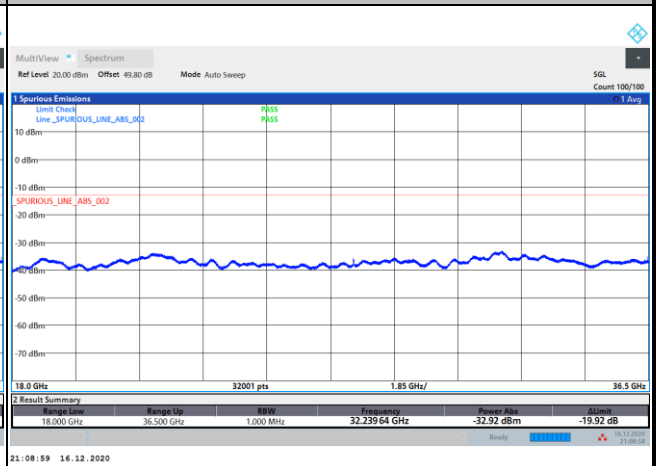
AG1 DFT-s-OFDM Module 0

NR Band n260 QPSK (18-36.5GHz)

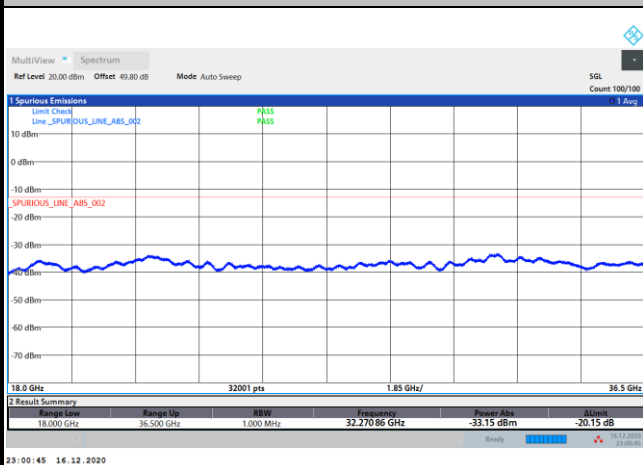
Lowest Channel / 50MHz



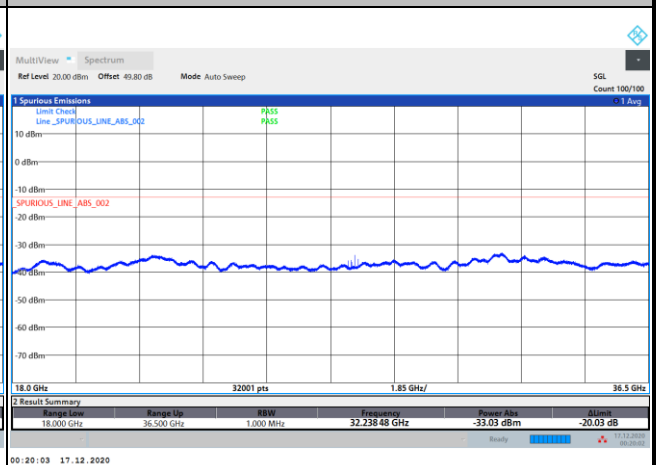
Lowest Channel / 100MHz



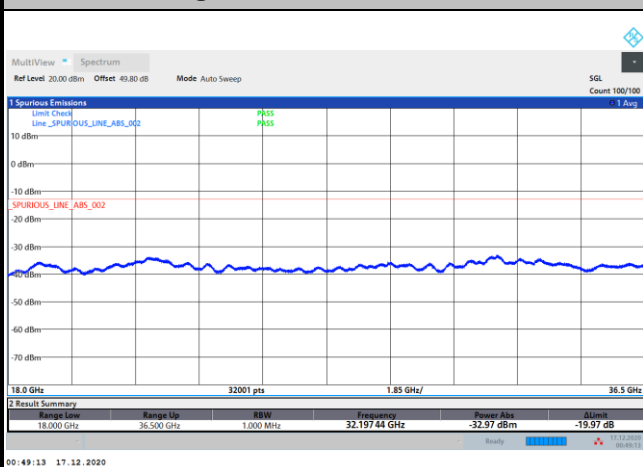
Middle Channel / 50MHz



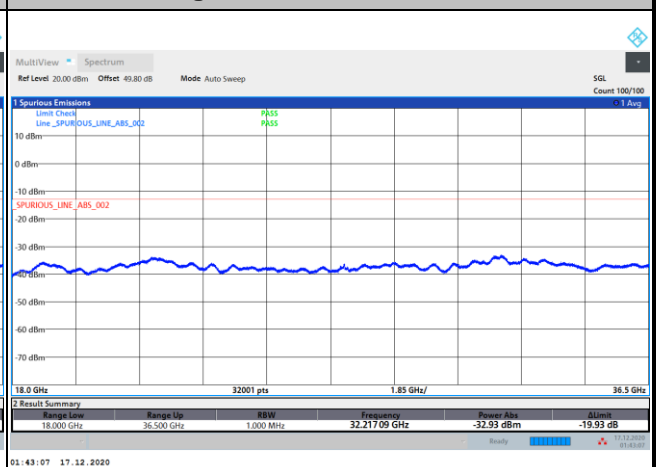
Middle Channel / 100MHz



Highest Channel / 50MHz



Highest Channel / 100MHz



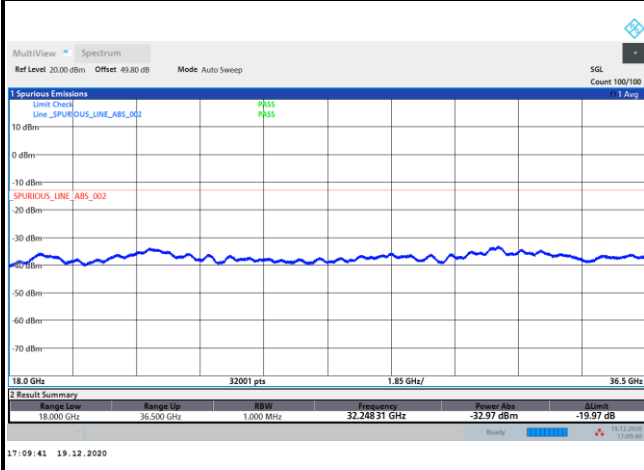
Remark: In band and out of band frequencies are omitted.



AG1 DFT-s-OFDM Module 0

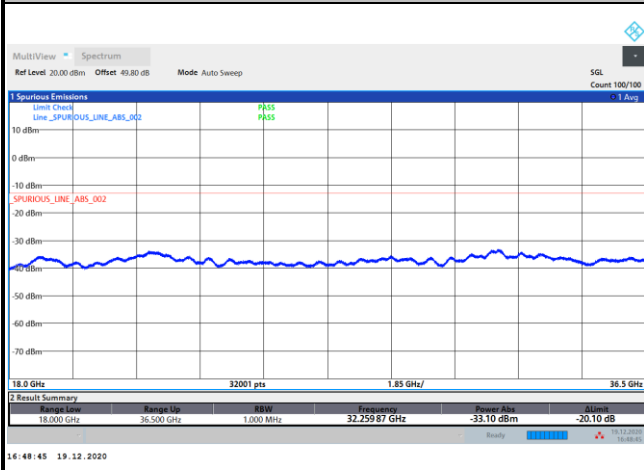
NR Band n260 QPSK (18-36.5GHz)

Lowest Channel / 200MHz



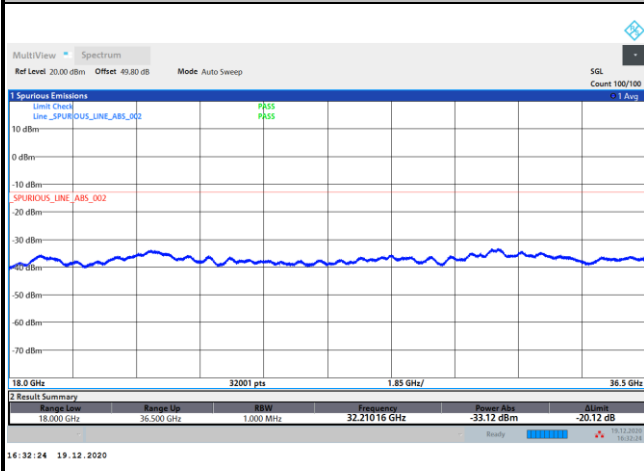
intentionally blank

Middle Channel / 200MHz



intentionally blank

Highest Channel / 200MHz



intentionally blank

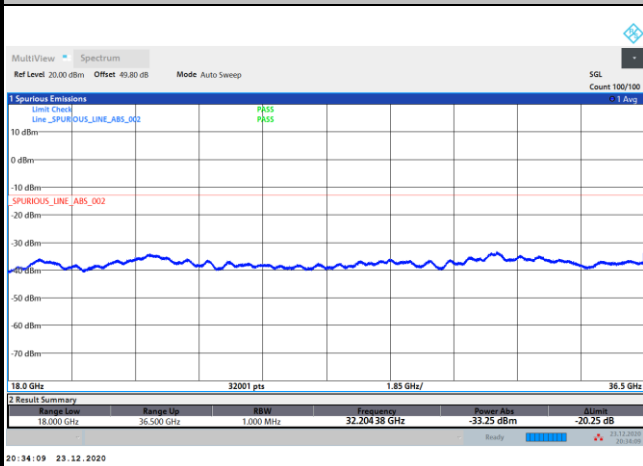
Remark: In band and out of band frequencies are omitted.



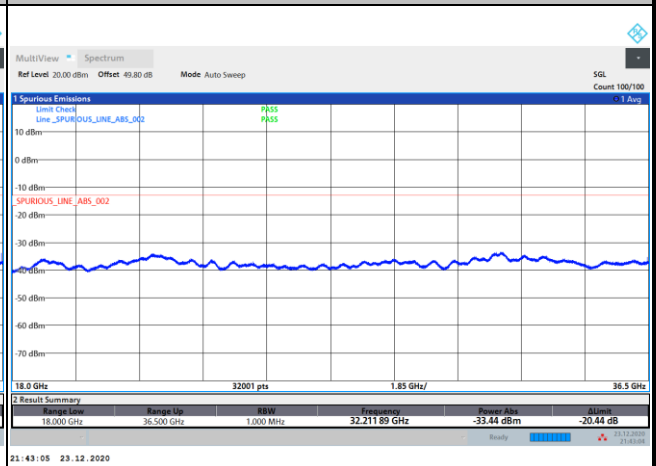
AG0+1 DFT-s-OFDM Module 0

NR Band n260 BPSK (18-36.5GHz)

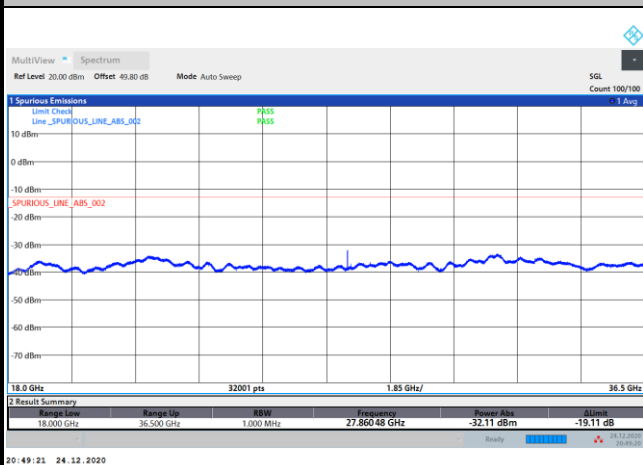
Lowest Channel / 50MHz



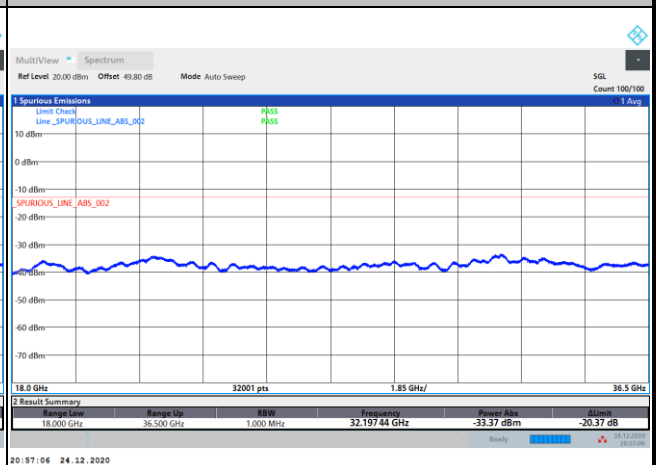
Lowest Channel / 100MHz



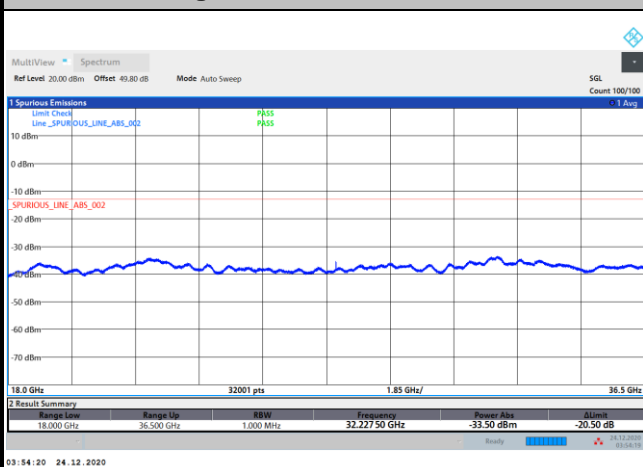
Middle Channel / 50MHz



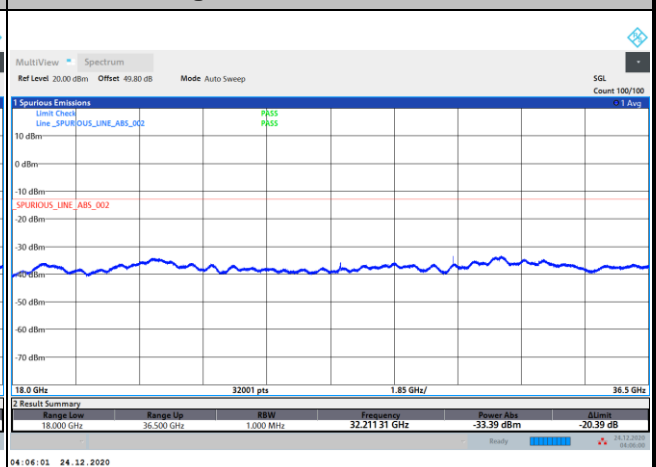
Middle Channel / 100MHz



Highest Channel / 50MHz



Highest Channel / 100MHz



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

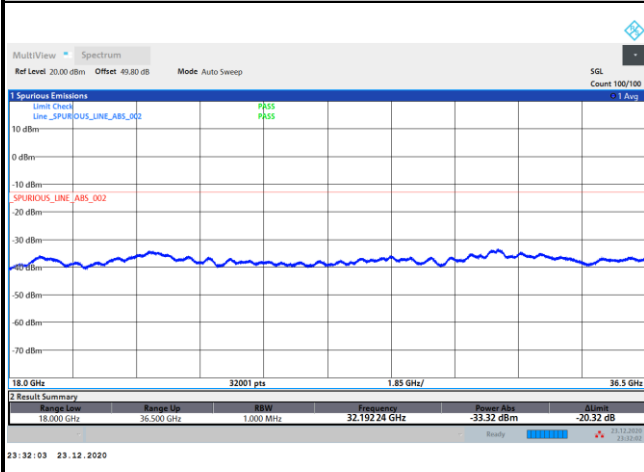




AG0+1 DFT-s-OFDM Module 0

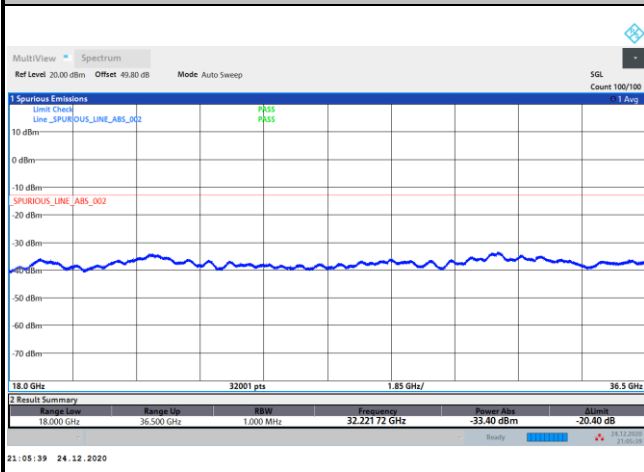
NR Band n260 BPSK (18-36.5GHz)

Lowest Channel / 200MHz



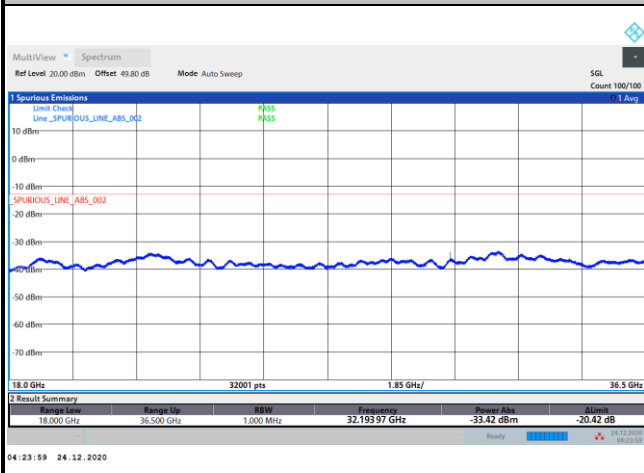
intentionally blank

Middle Channel / 200MHz



intentionally blank

Highest Channel / 200MHz



intentionally blank

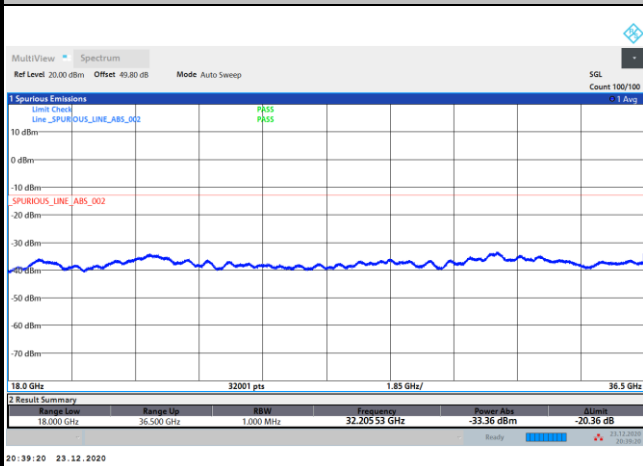
Remark: In band and out of band frequencies are omitted.



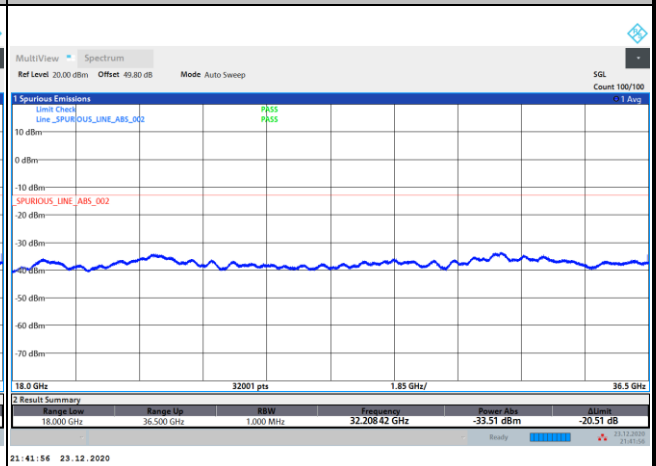
AG0+1 DFT-s-OFDM Module 0

NR Band n260 QPSK (18-36.5GHz)

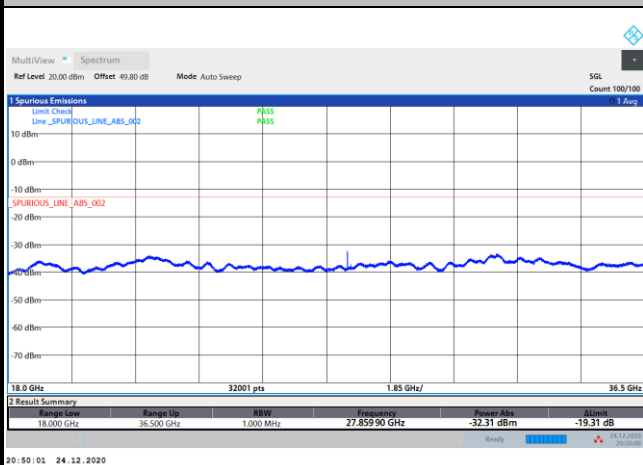
Lowest Channel / 50MHz



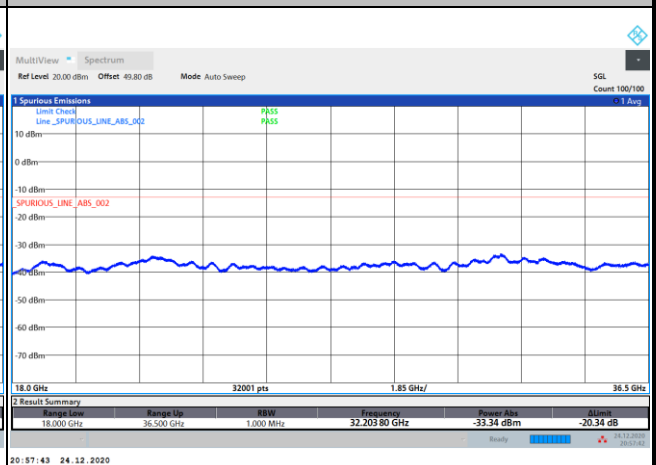
Lowest Channel / 100MHz



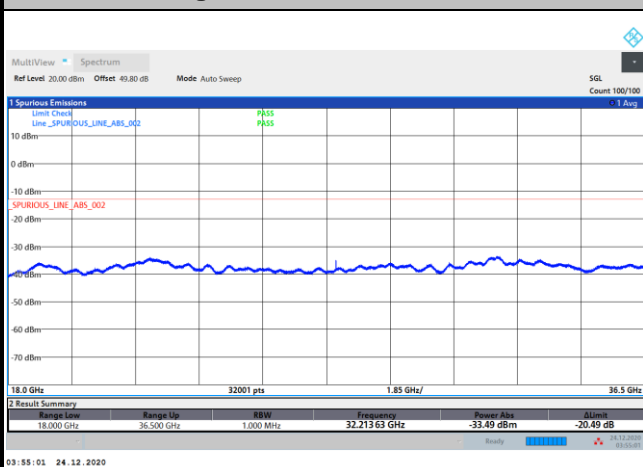
Middle Channel / 50MHz



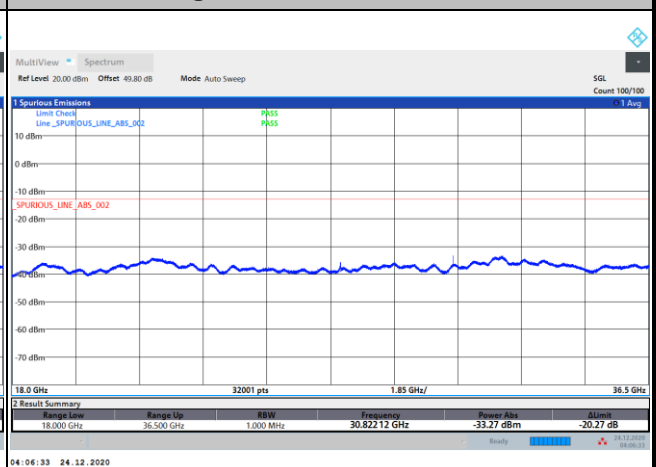
Middle Channel / 100MHz



Highest Channel / 50MHz



Highest Channel / 100MHz



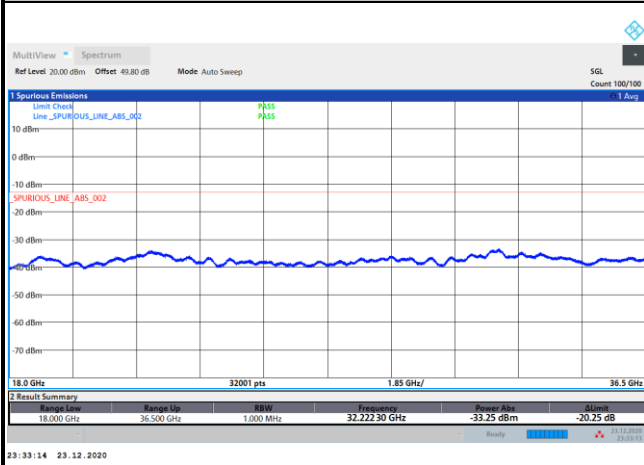
Remark: In band and out of band frequencies are omitted.



AG0+1 DFT-s-OFDM Module 0

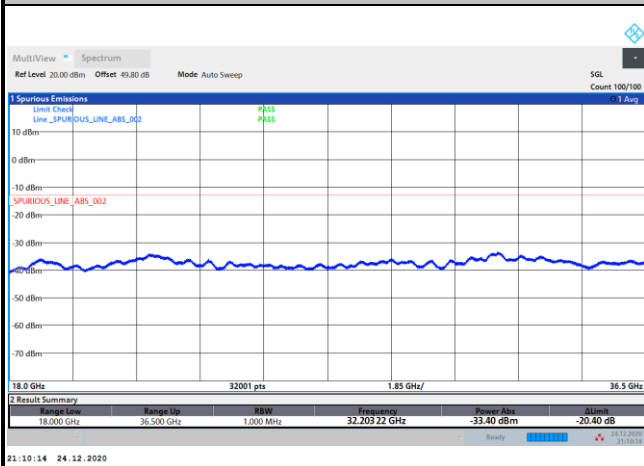
NR Band n260 QPSK (18-36.5GHz)

Lowest Channel / 200MHz



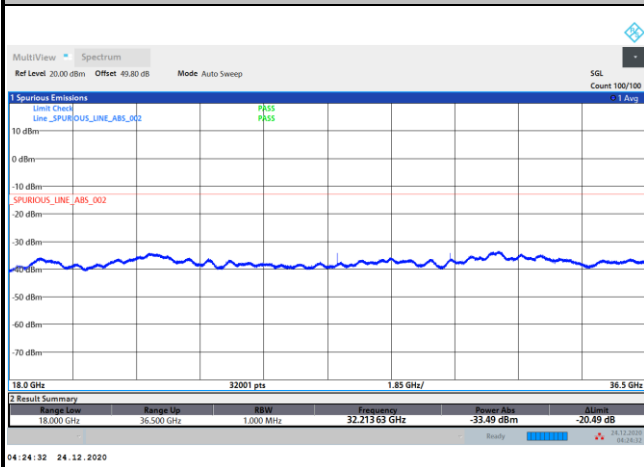
intentionally blank

Middle Channel / 200MHz



intentionally blank

Highest Channel / 200MHz

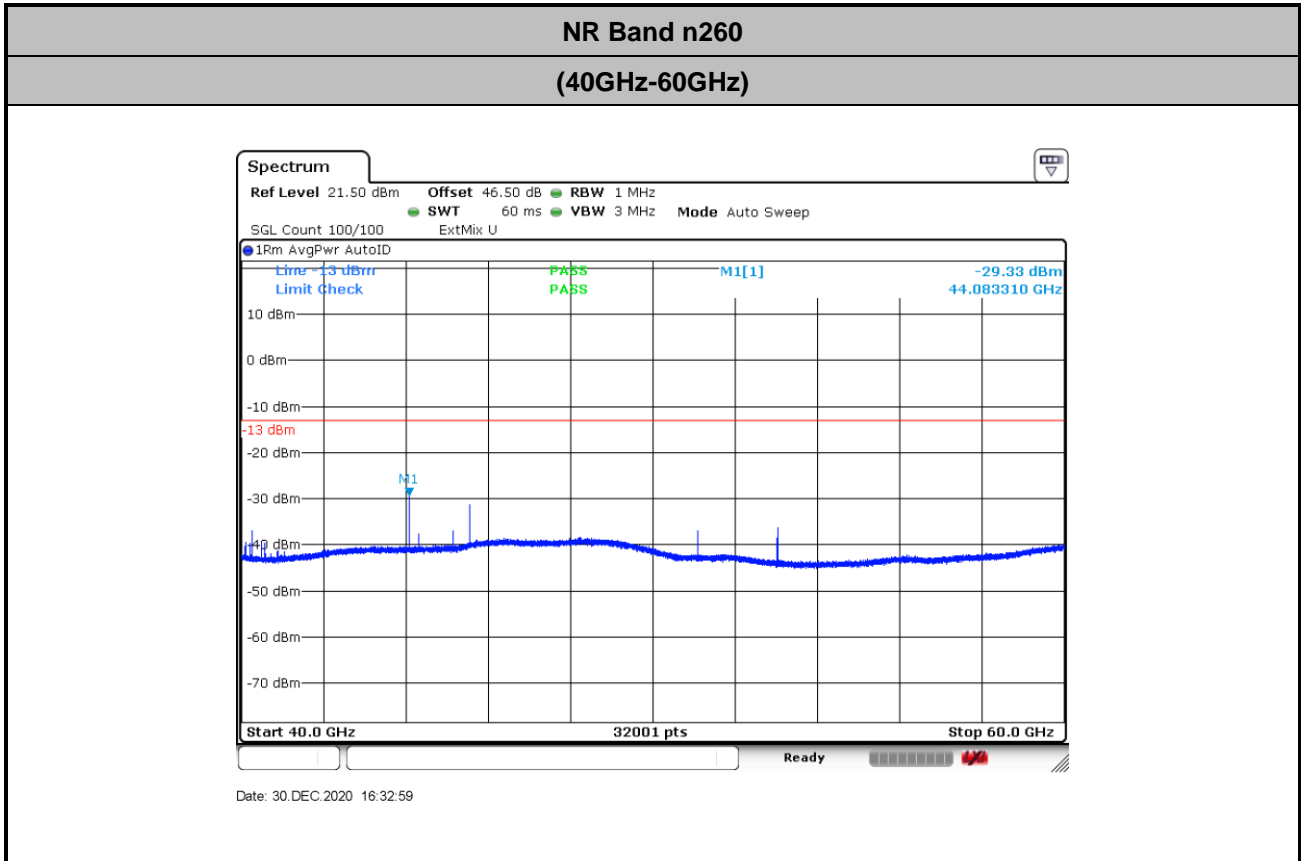


intentionally blank

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



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

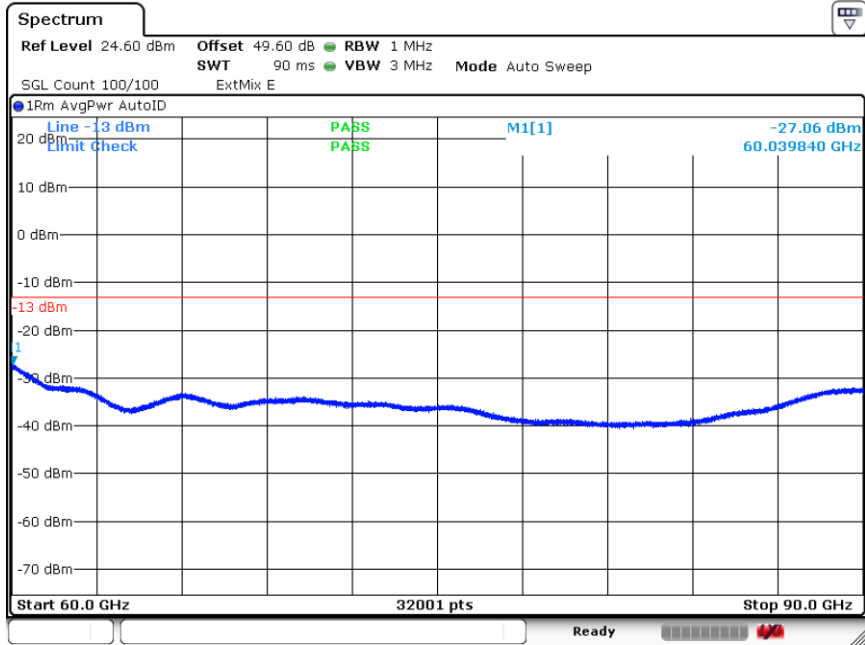


**Remark:** Offset = Antenna Factor (dB/m) + Cable Loss (dB) + 107 + 20log (D) – 104.8  
 = 42.3 + 2 + 107 + 20log(1) – 104.8 = 46.5 (dB)



NR Band n260

(60GHz-90GHz)



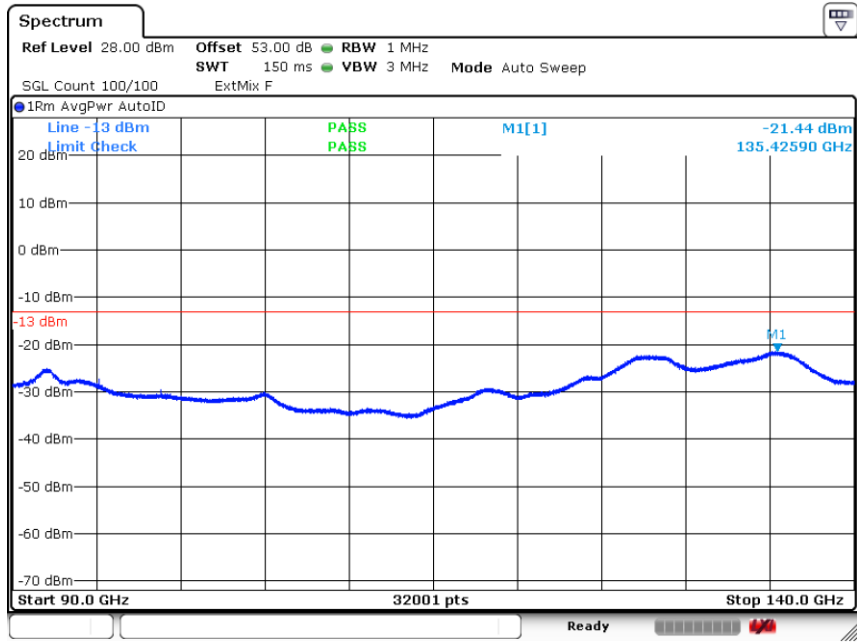
Date: 30.DEC.2020 17:17:37

**Remark:** Offset = Antenna Factor (dB/m) + Cable Loss (dB) + 107 + 20log (D) – 104.8  
 = 45.4 + 2 + 107 + 20log(1) – 104.8 = 49.6 (dB)



NR Band n260

(90GHz-140GHz)



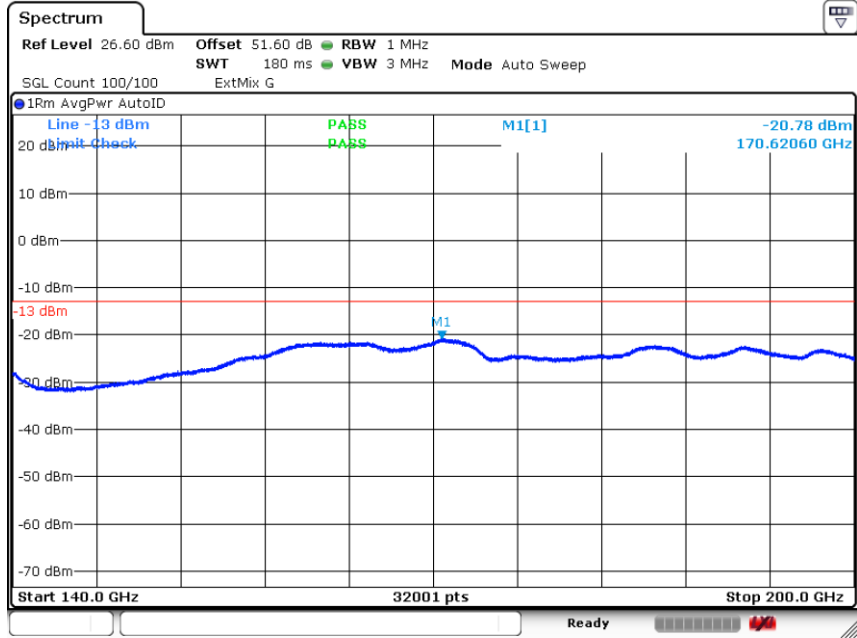
Date: 30.DEC.2020 17:23:05

**Remark:** Offset = Antenna Factor (dB/m) + Cable Loss (dB) + 107 + 20log (D) – 104.8  
= 48.8 + 2 + 107 + 20log(1) – 104.8 = 53 (dB)



NR Band n260

(140GHz-200GHz)



Date: 30.DEC.2020 17:42:21

**Remark:**  $Offset = Antenna\ Factor\ (dB/m) + Cable\ Loss\ (dB) + 107 + 20\log(D) - 104.8$   
 $= 53.4 + 2 + 107 + 20\log(0.5) - 104.8 = 51.6\ (dB)$



Frequency Stability

Test Conditions		NR Band n260 / Middle Channel			Limit
Temperature (°C)	Voltage (Volt)	CW tone			Note 2.
		Frequency (GHz)	Deviation (kHz)	Deviation (ppm)	Result
50	Normal Voltage	38.50020579	-207.290	5.384	Pass
40	Normal Voltage	38.50014436	-145.860	3.789	
30	Normal Voltage	38.50009241	-93.910	2.439	
20(Ref.)	Normal Voltage	38.4999985	0.000	0.000	
10	Normal Voltage	38.49996204	36.460	0.947	
0	Normal Voltage	38.49991459	83.910	2.179	
-10	Normal Voltage	38.49986513	133.370	3.464	
-20	Normal Voltage	38.49984815	150.350	3.905	
-30	Normal Voltage	38.49982867	169.830	4.411	
20	Maximum Voltage	38.50000999	-11.490	0.298	
20	Normal Voltage	38.500005	-6.500	0.169	
20	Battery End Point	38.49999301	5.490	0.143	

Note:

1. Normal Voltage =7.74 V. ; Battery End Point (BEP) =7.2 V. ; Maximum Voltage =8.9 V.
2. The frequency fundamental emissions stay within the operation band.





# NR Band n260 Module 1

## Occupied Bandwidth

AG0

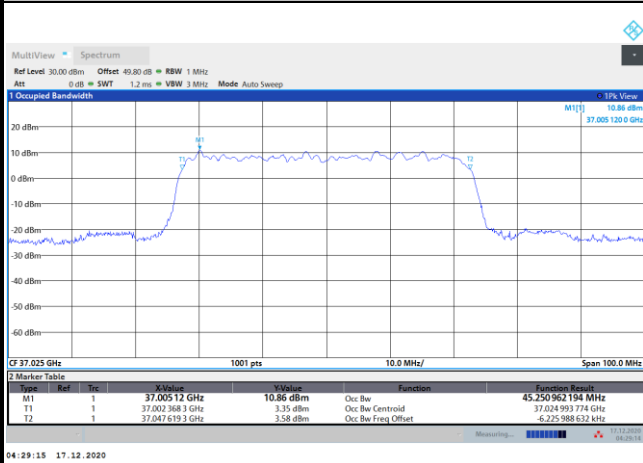
Mode	DFT-s-OFDM Module 1 NR Band n260 : 99%OBW(MHz)											
	50MHz				100MHz				200MHz			
BW												
Mod.	BPSK	QPSK	16QAM	64QAM	BPSK	QPSK	16QAM	64QAM	BPSK	QPSK	16QAM	64QAM
Lowest CH	45.25	45.54	45.72	45.32	90.51	90.70	90.63	90.72	188.56	188.89	188.93	189.17
Middle CH	45.18	45.46	45.64	45.22	90.38	90.35	90.34	90.58	187.97	188.17	188.26	188.56
Highest CH	45.12	45.42	45.66	45.27	90.48	90.52	90.55	90.77	188.46	188.78	189.21	189.42



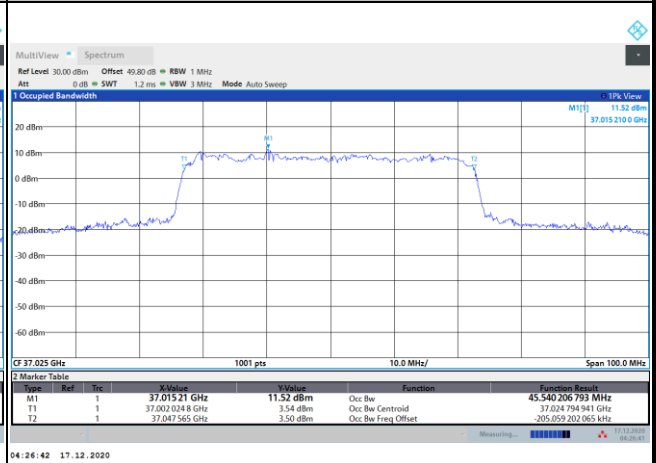
DFT-s-OFDM Module 1

NR Band n260

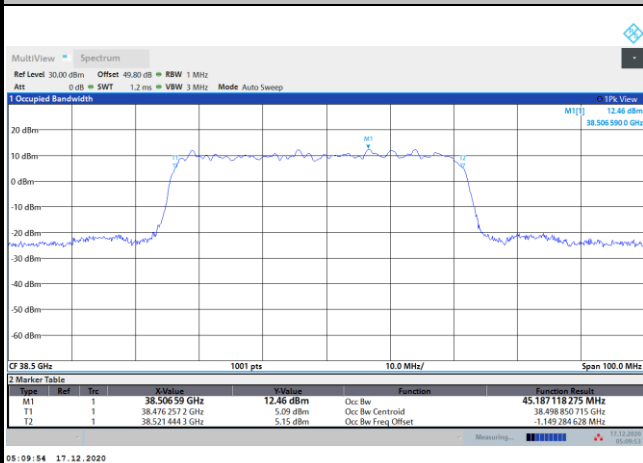
Lowest Channel / 50MHz / BPSK



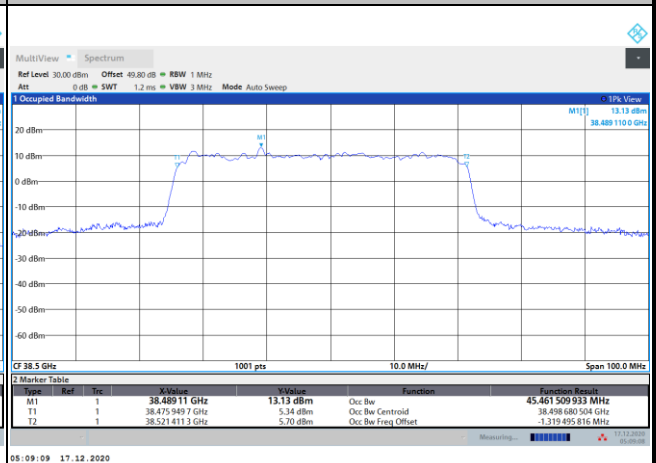
Lowest Channel / 50MHz / QPSK



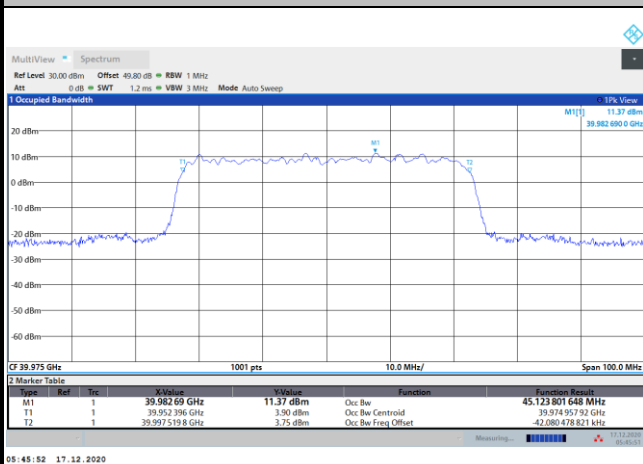
Middle Channel / 50MHz / BPSK



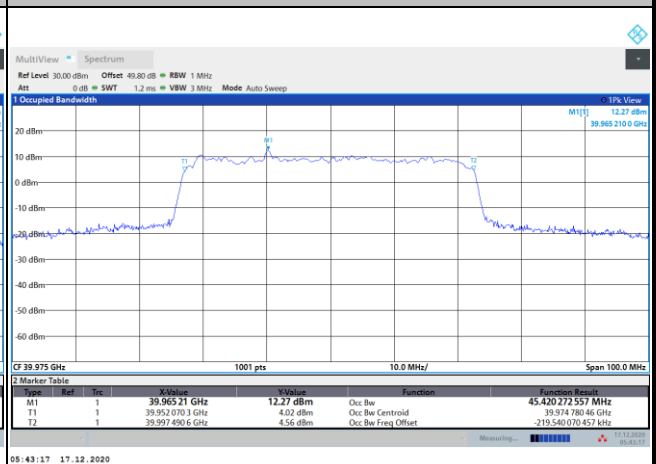
Middle Channel / 50MHz / QPSK



Highest Channel / 50MHz / BPSK



Highest Channel / 50MHz / QPSK

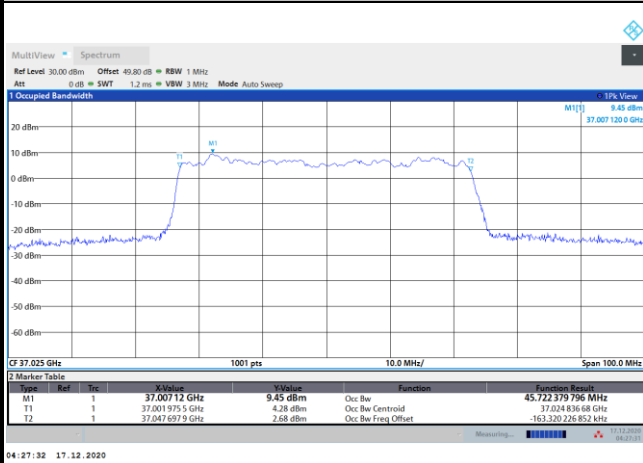




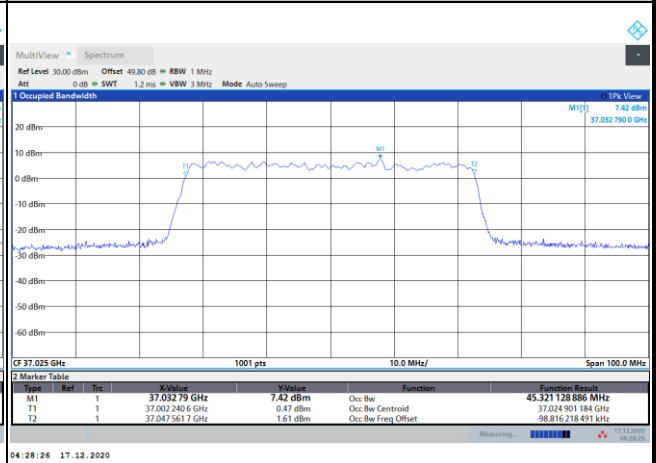
DFT-s-OFDM Module 1

NR Band n260

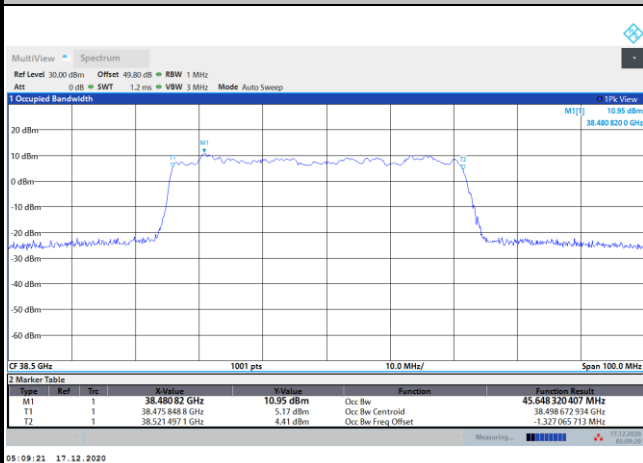
Lowest Channel / 50MHz / 16QAM



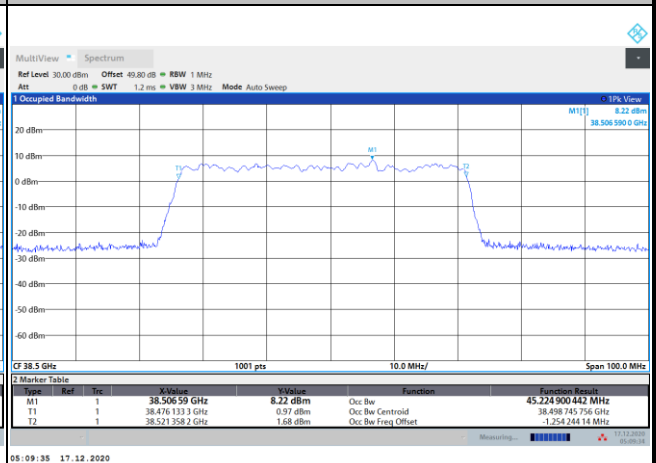
Lowest Channel / 50MHz / 64QAM



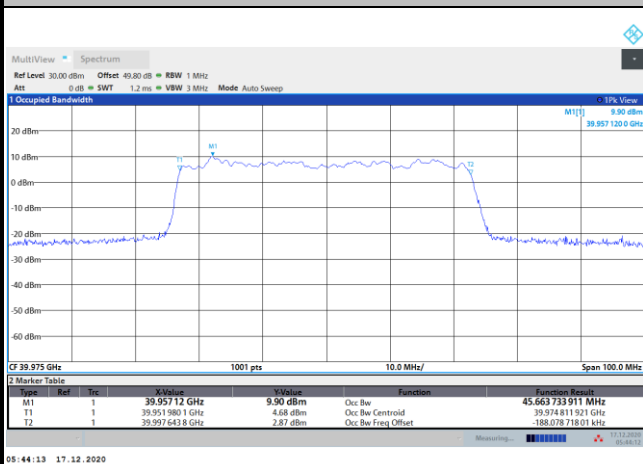
Middle Channel / 50MHz / 16QAM



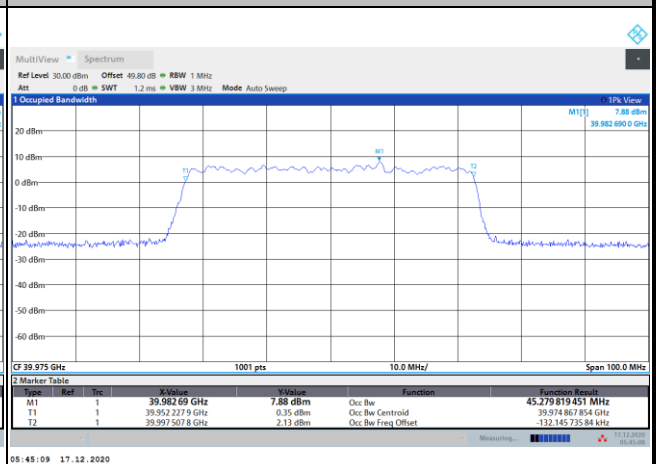
Middle Channel / 50MHz / 64QAM



Highest Channel / 50MHz / 16QAM



Highest Channel / 50MHz / 64QAM

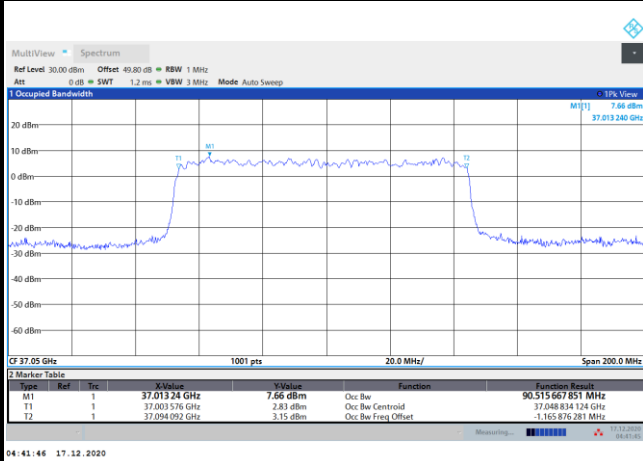




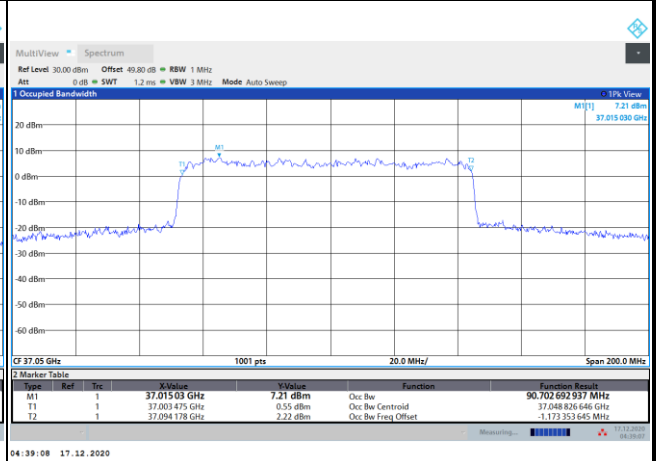
DFT-s-OFDM Module 1

NR Band n260

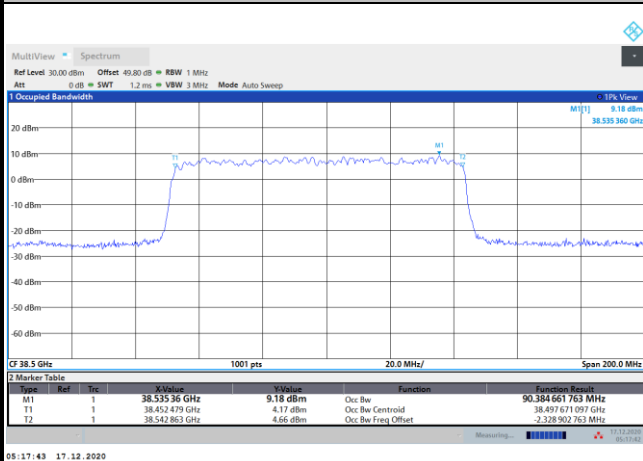
Lowest Channel / 100MHz / BPSK



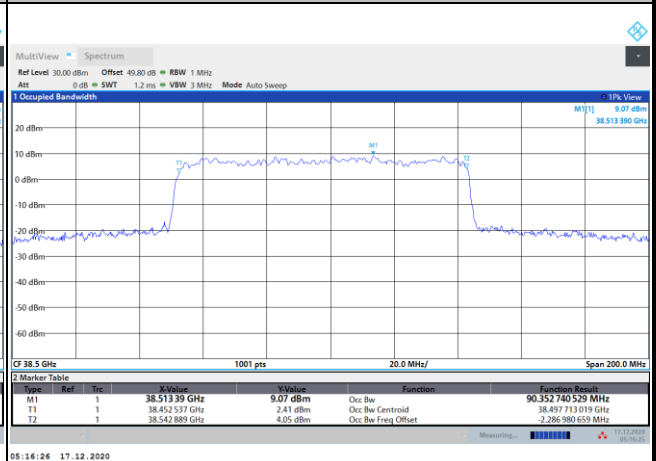
Lowest Channel / 100MHz / QPSK



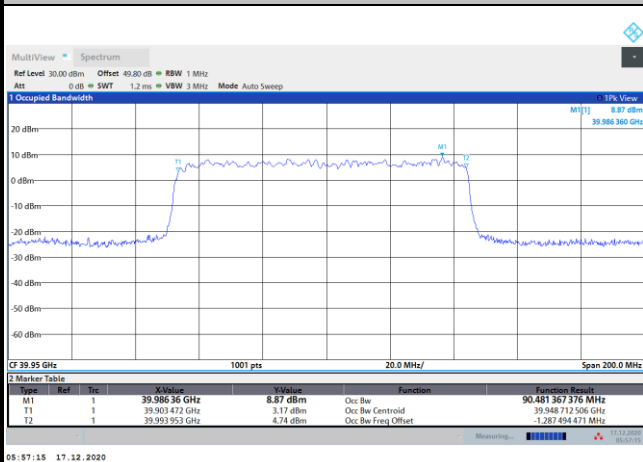
Middle Channel / 100MHz / BPSK



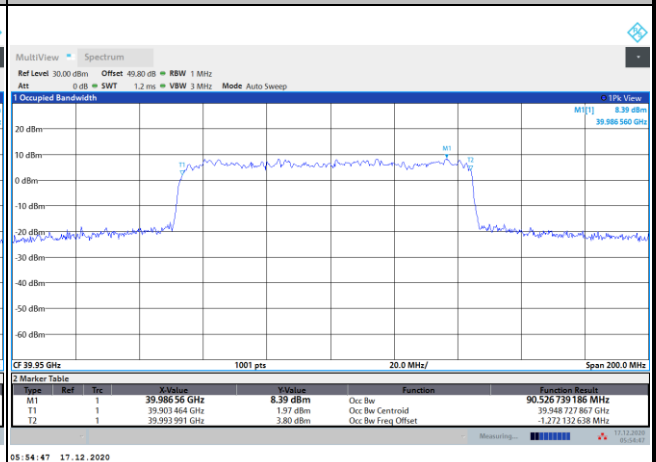
Middle Channel / 100MHz / QPSK



Highest Channel / 100MHz / BPSK



Highest Channel / 100MHz / QPSK

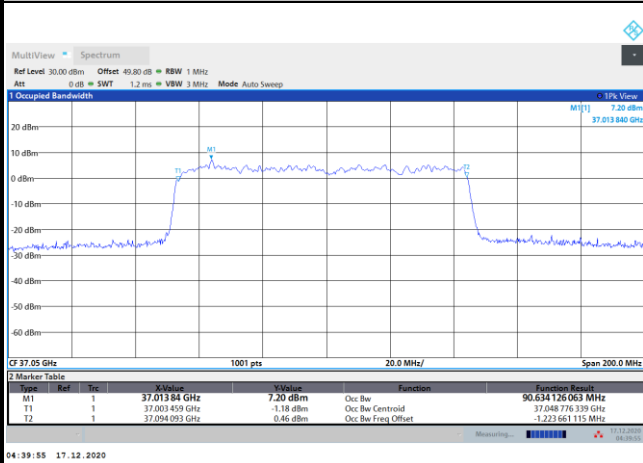




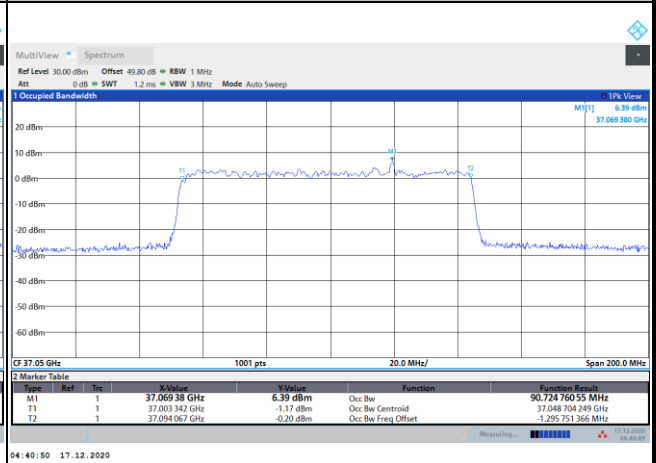
DFT-s-OFDM Module 1

NR Band n260

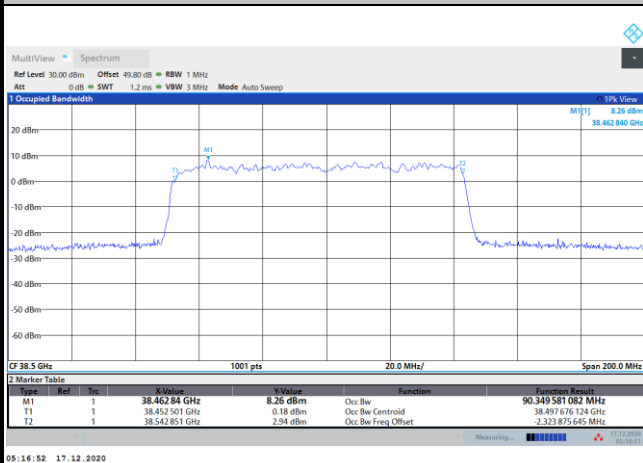
Lowest Channel / 100MHz / 16QAM



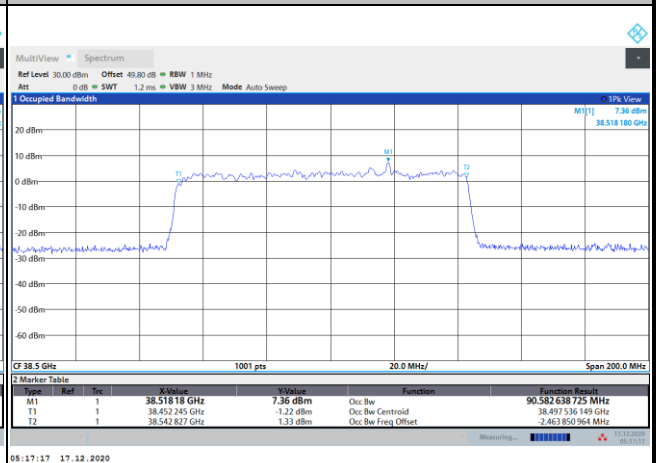
Lowest Channel / 100MHz / 64QAM



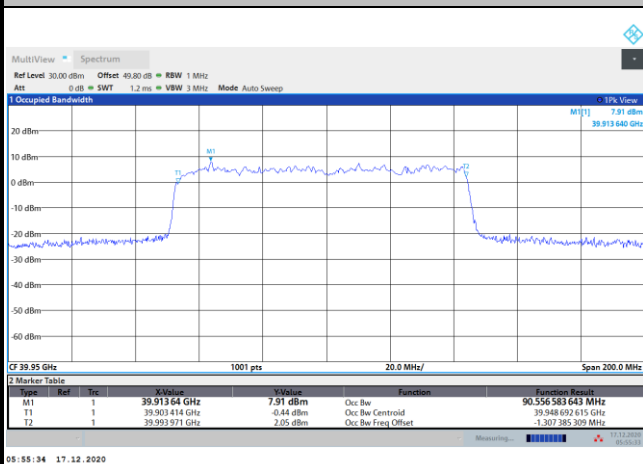
Middle Channel / 100MHz / 16QAM



Middle Channel / 100MHz / 64QAM



Highest Channel / 100MHz / 16QAM



Highest Channel / 100MHz / 64QAM

