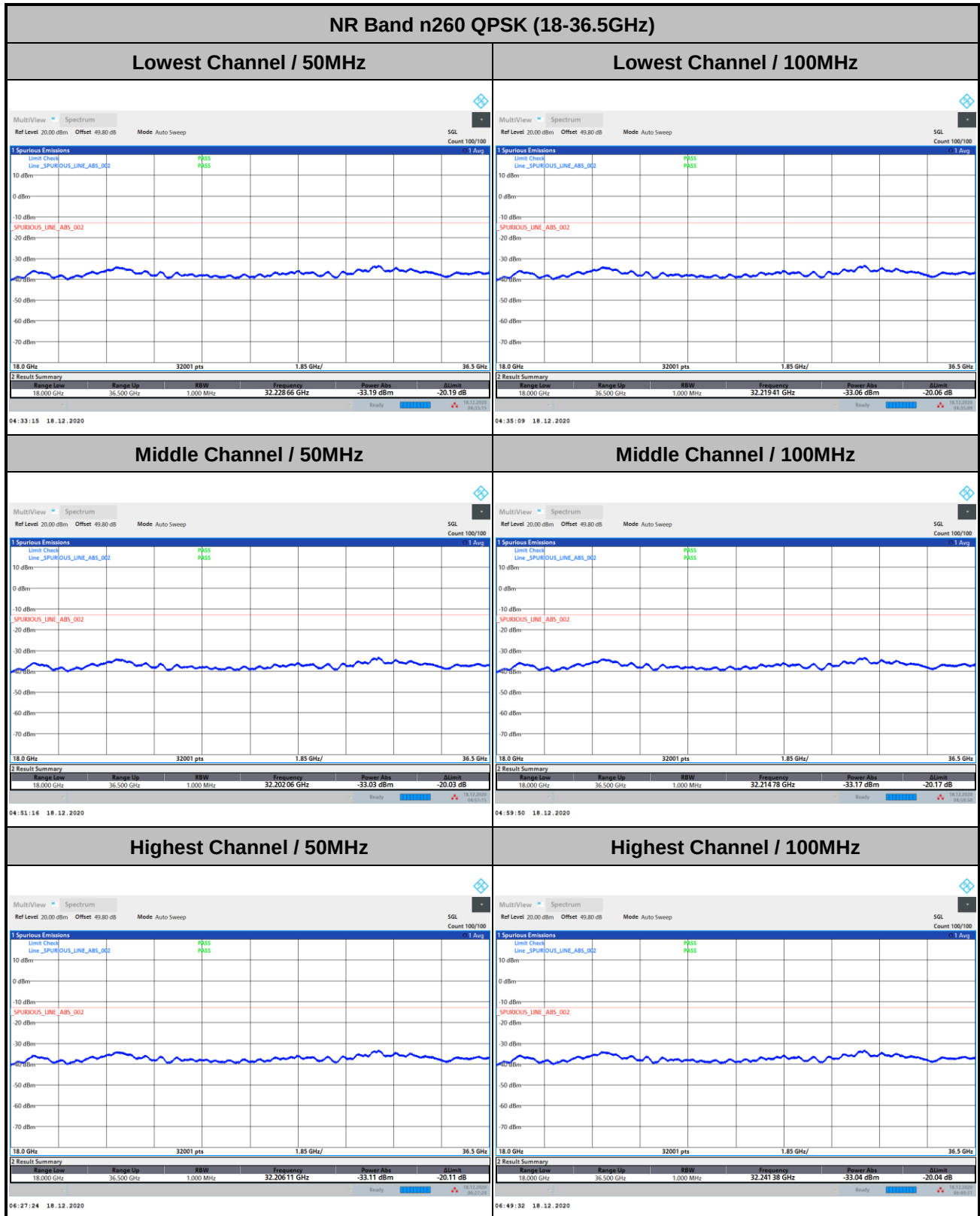




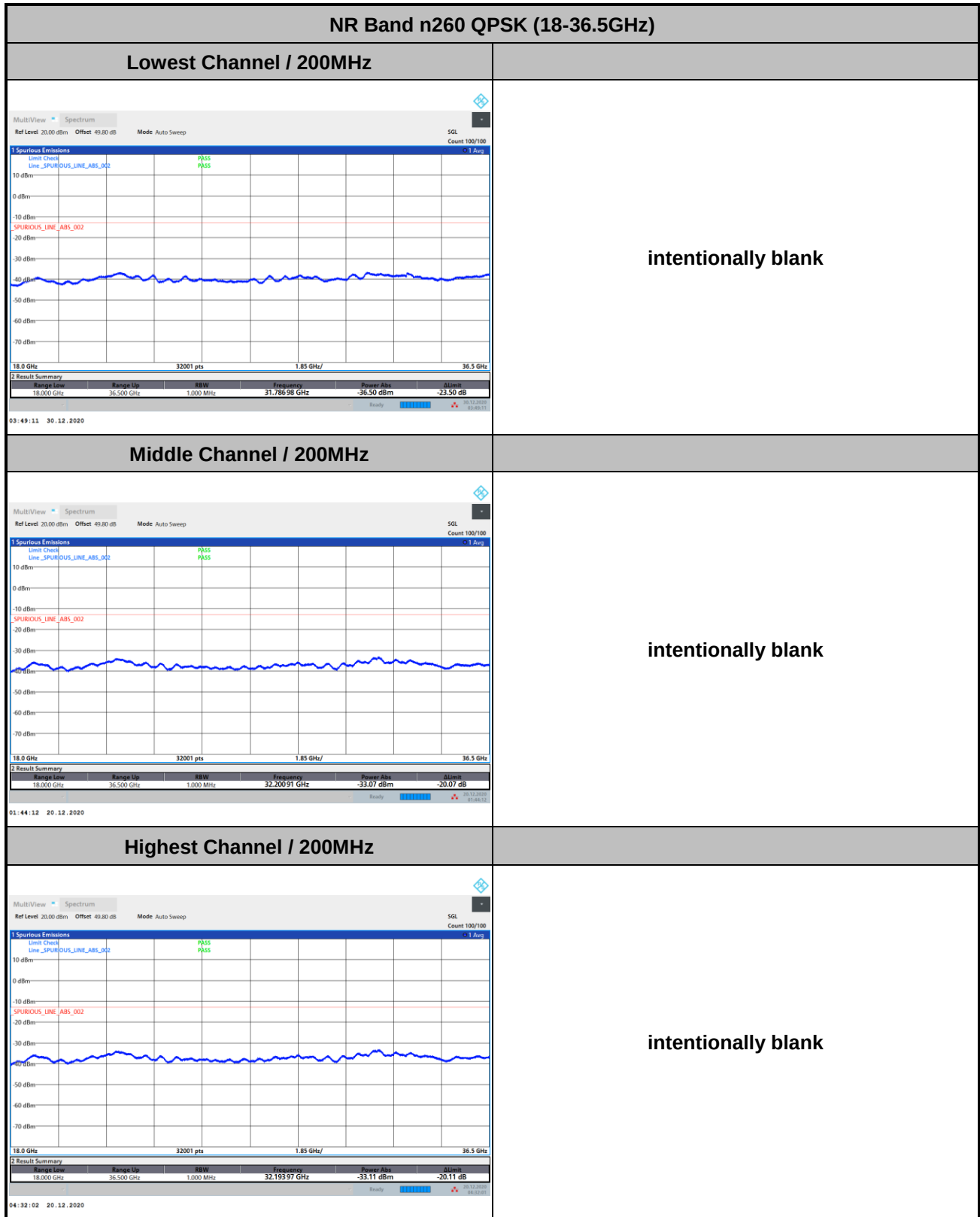
AG1 DFT-s-OFDM Module 2



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



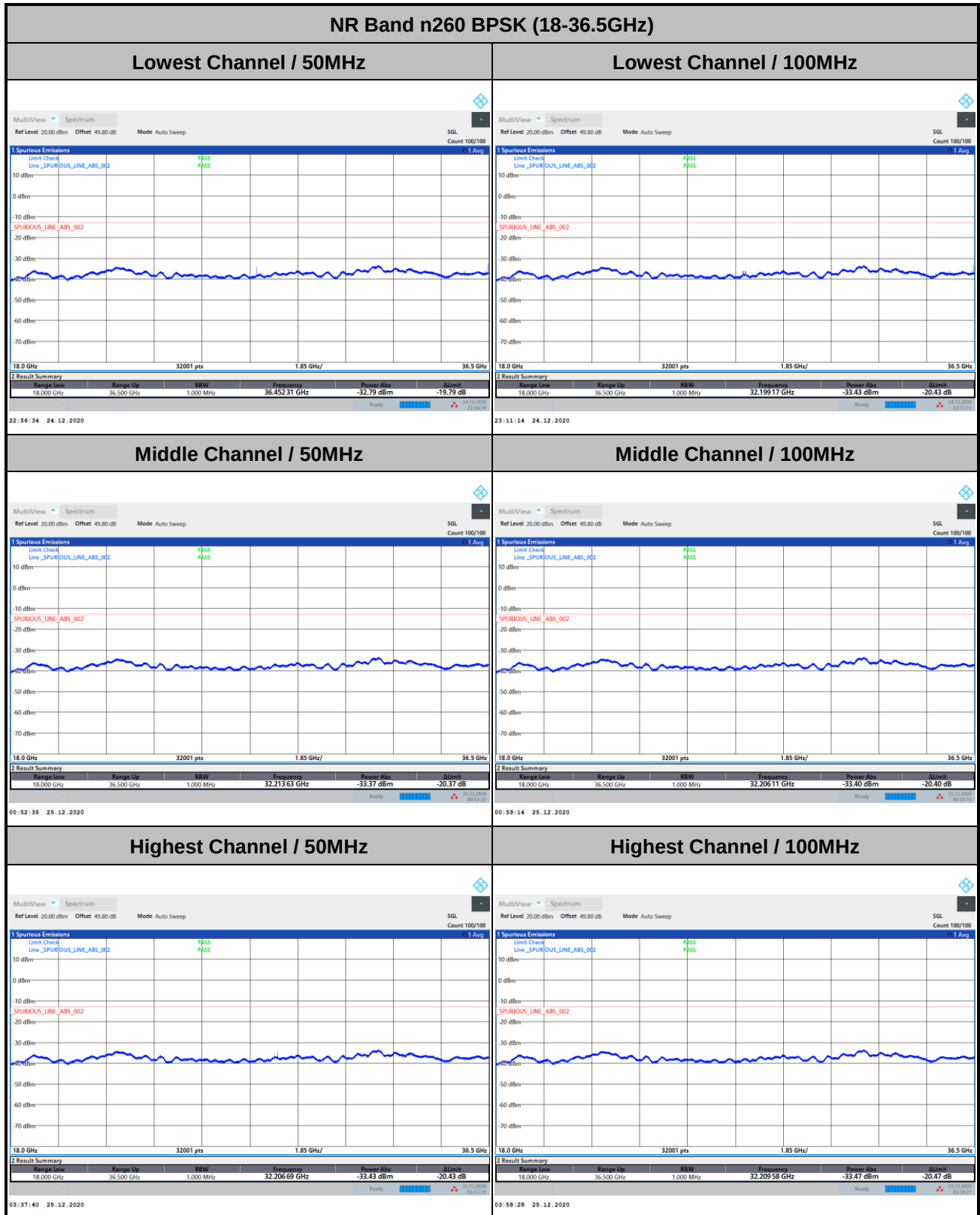
AG1 DFT-s-OFDM Module 2



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



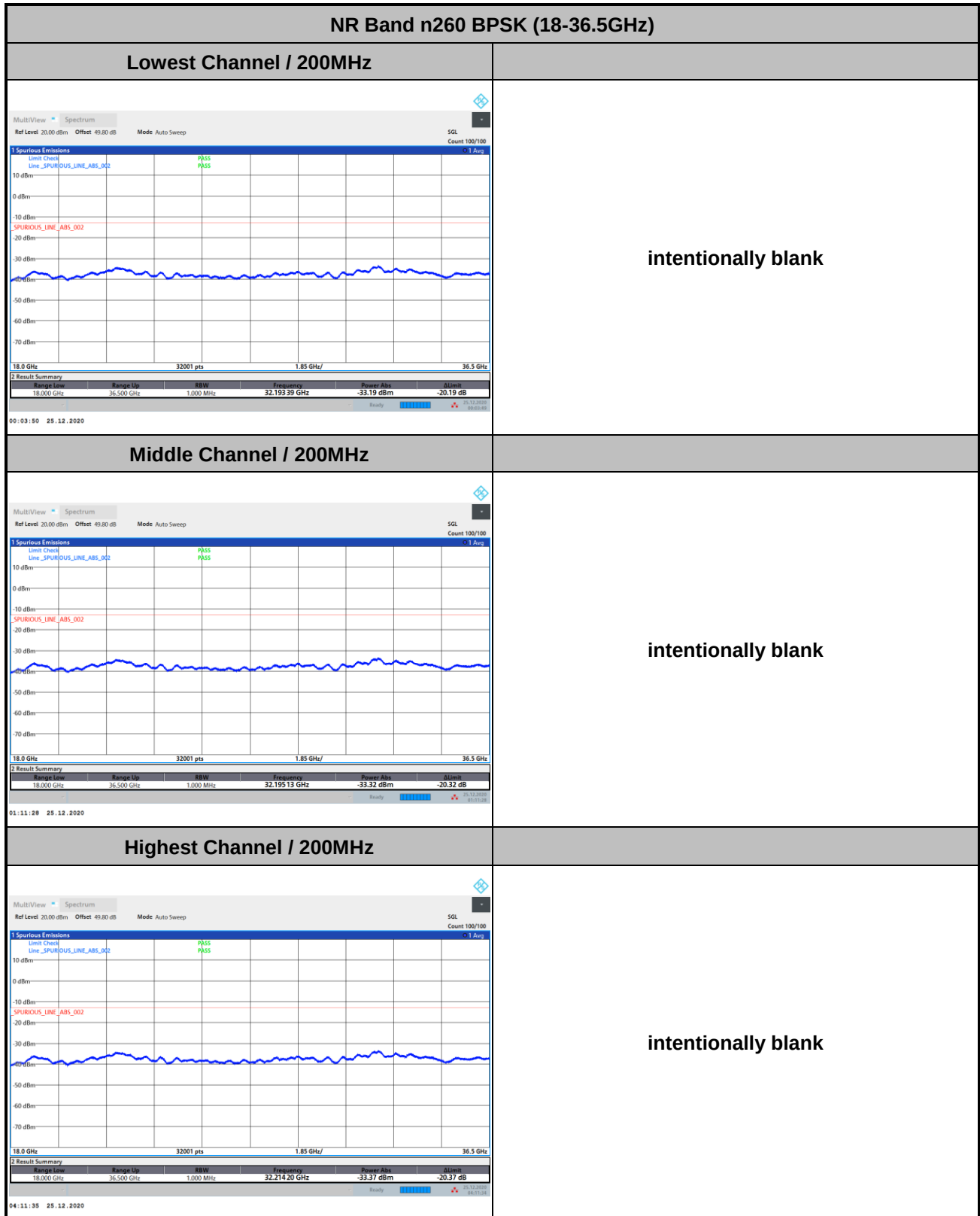
AG0+1 DFT-s-OFDM Module 2



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



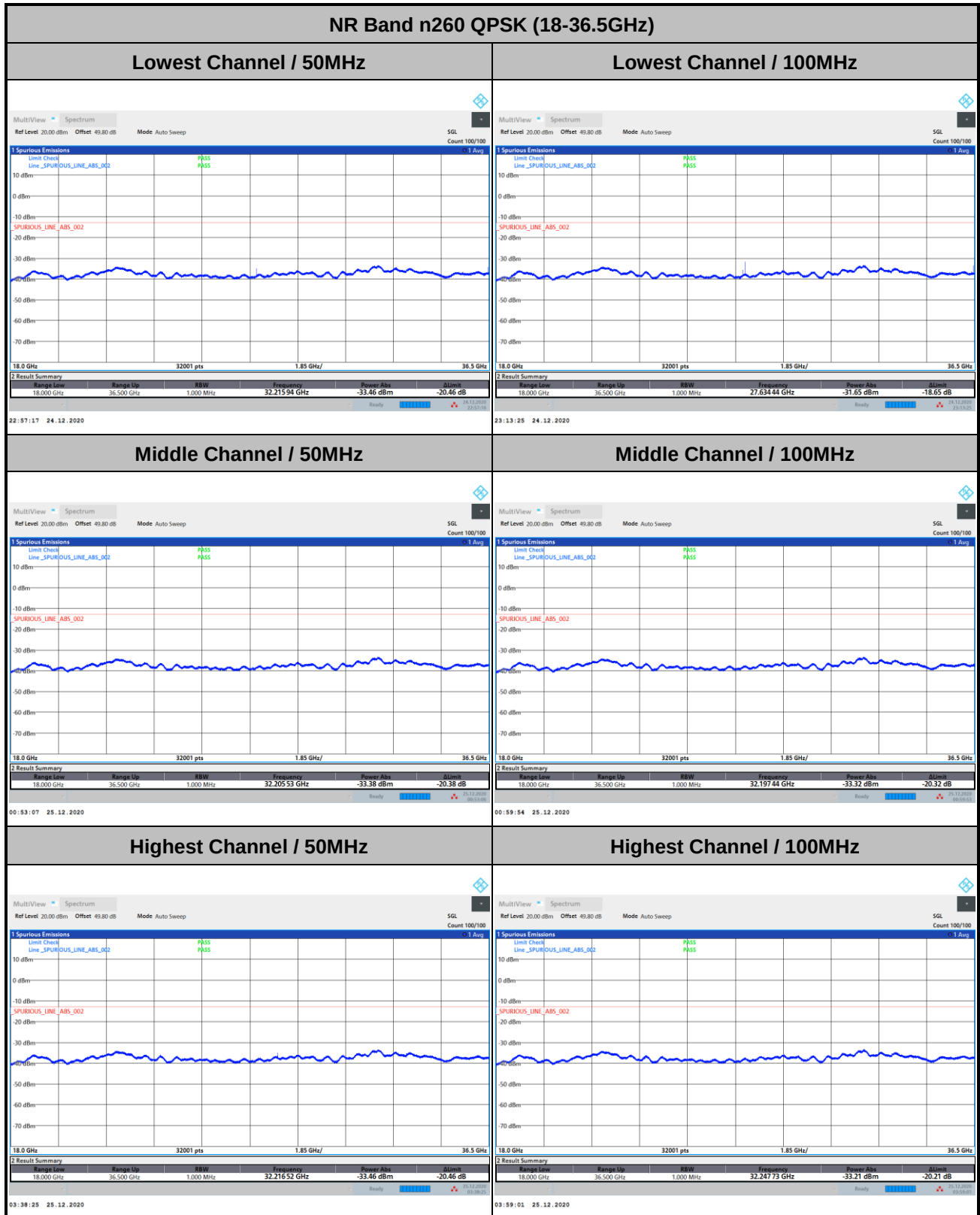
AG0+1 DFT-s-OFDM Module 2



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



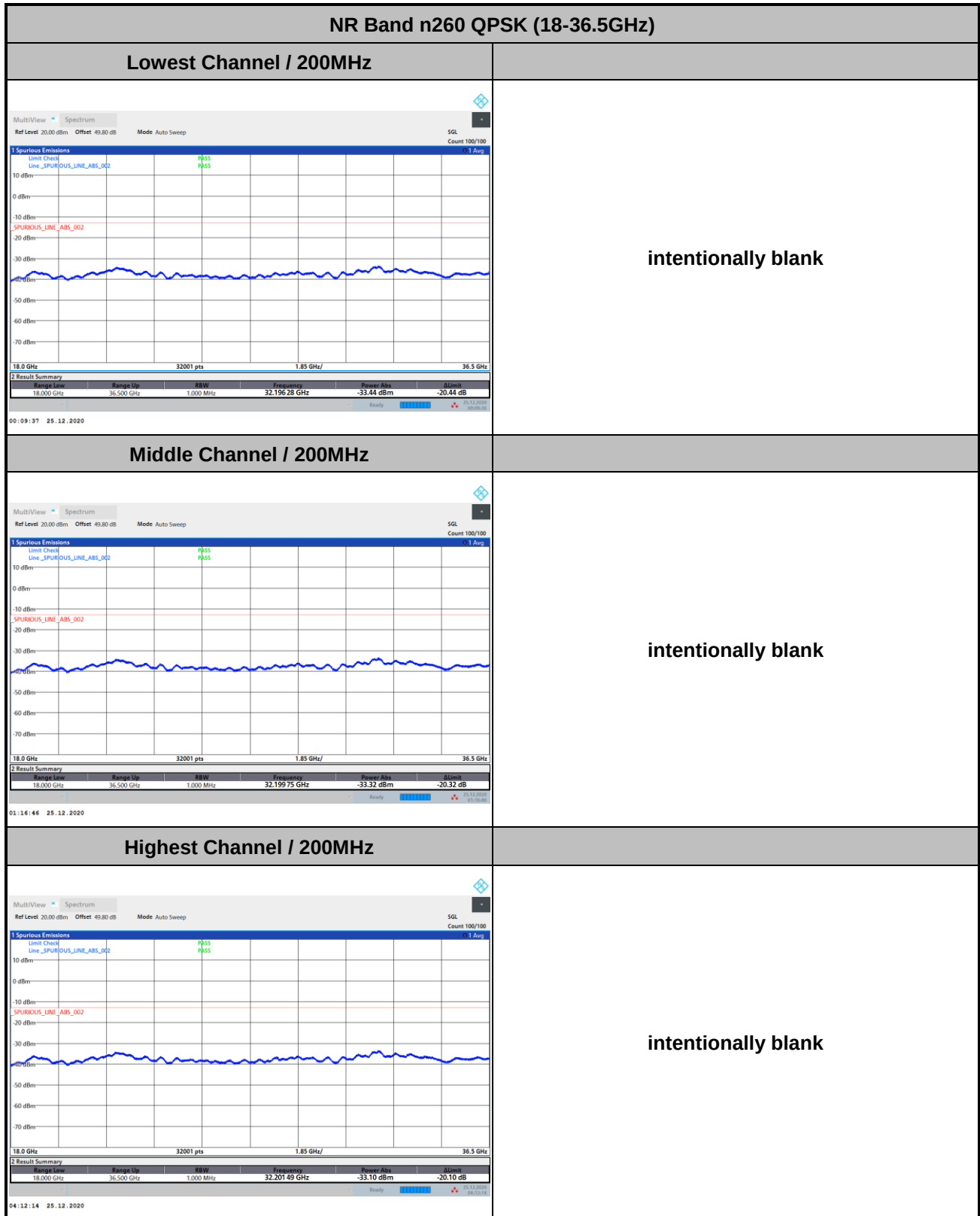
AG0+1 DFT-s-OFDM Module 2



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



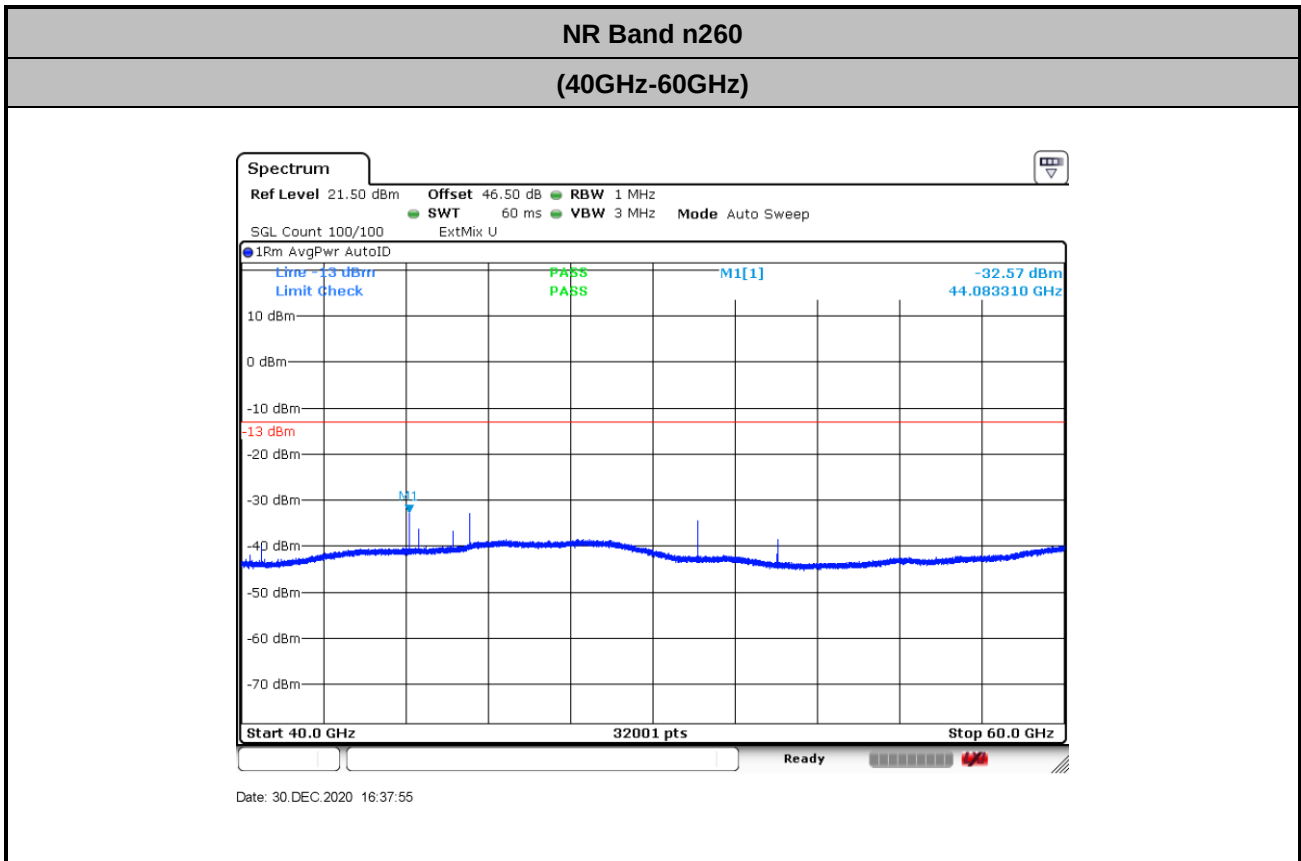
AG0+1 DFT-s-OFDM Module 2



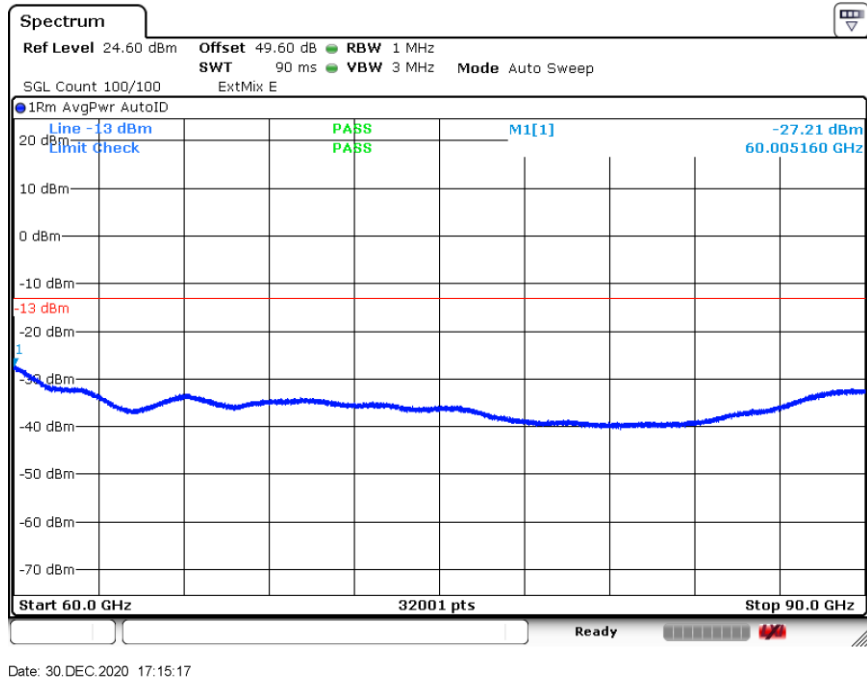
Remark: In band and out of band frequencies are omitted.



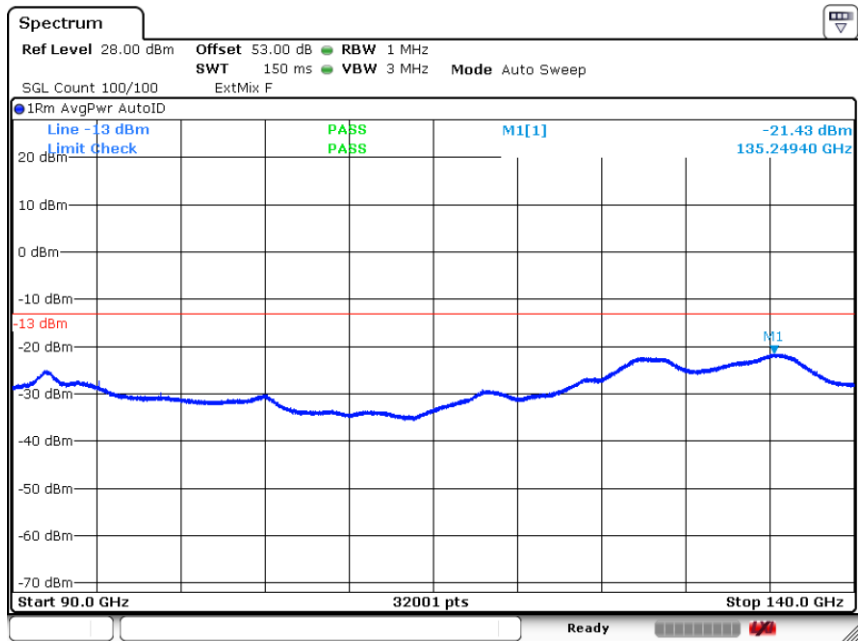
There is no significant spurious emission signal found for frequency started from 40GHz up to 200GHz.
Only the noise floor is reported.



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)

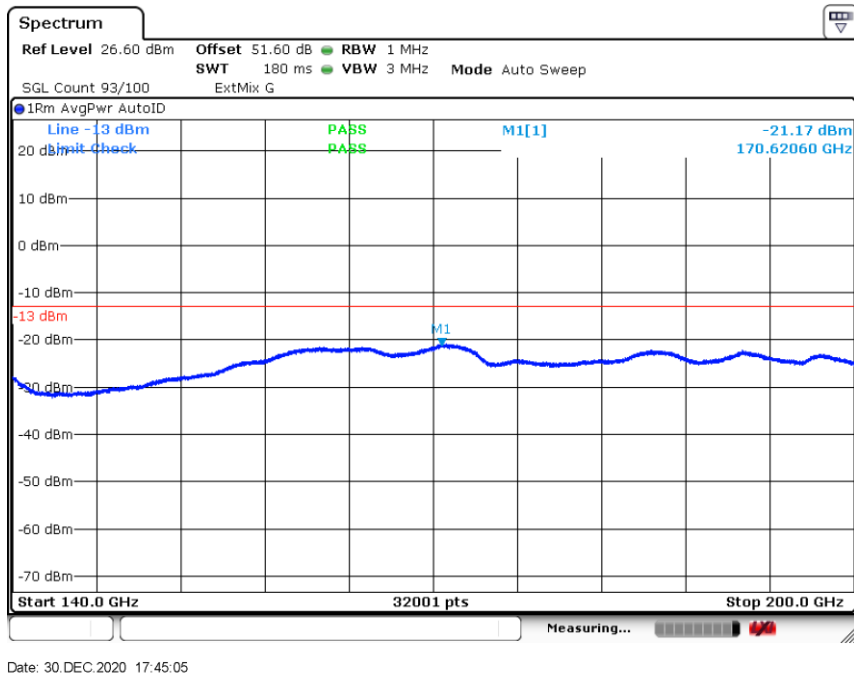
NR Band n260
(60GHz-90GHz)


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 17:27:21

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)


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

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 n261 Module 0

Occupied Bandwidth

AG0

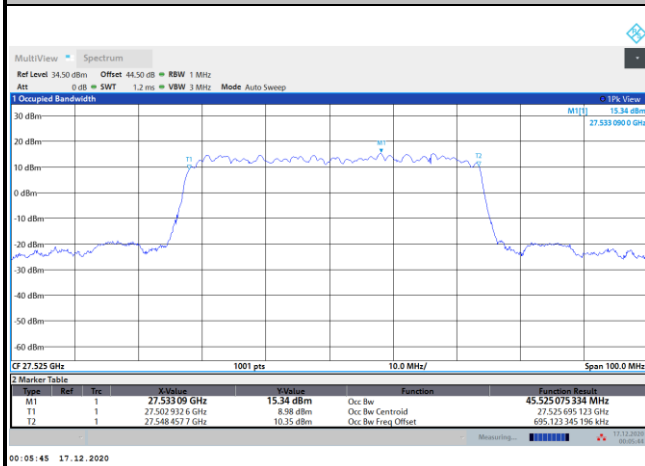
Mode	DFT-s-OFDM Module 0 NR Band n261 : 99%OBW(MHz)											
BW	50MHz				100MHz				200MHz			
Mod.	BPSK	QPSK	16QAM	64QAM	BPSK	QPSK	16QAM	64QAM	BPSK	QPSK	16QAM	64QAM
Lowest CH	45.52	45.60	45.19	45.27	90.31	90.28	90.23	90.21	188.68	188.26	188.53	188.41
Middle CH	45.41	45.39	45.08	45.21	90.33	90.75	90.10	90.68	187.97	187.68	188.04	187.85
Highest CH	45.55	45.61	45.21	45.27	90.29	90.68	90.09	90.83	188.34	188.10	188.14	188.08



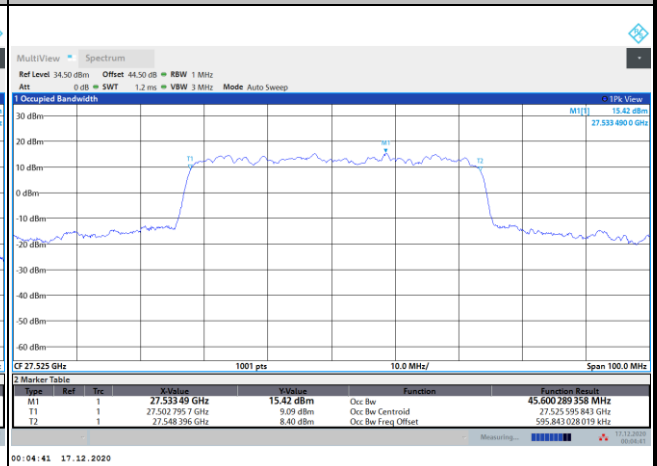
DFT-s-OFDM Module 0

NR Band n261

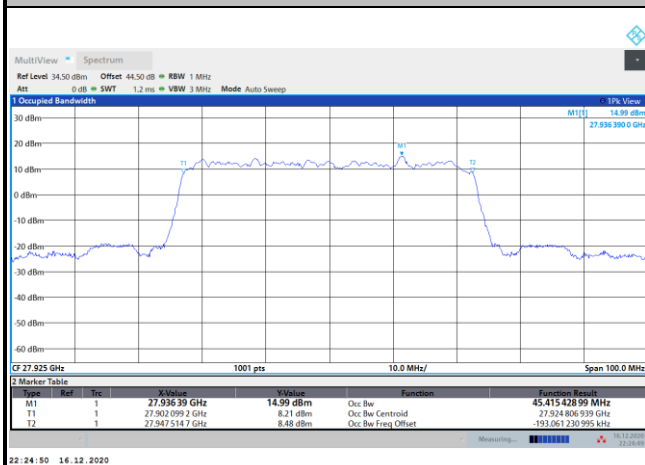
Lowest Channel / 50MHz / BPSK



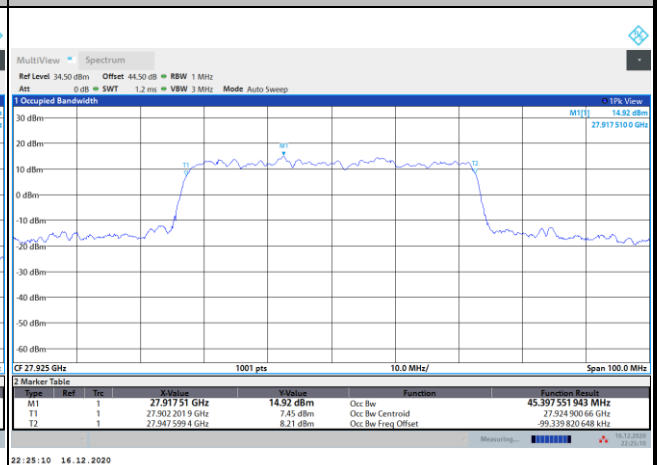
Lowest Channel / 50MHz / QPSK



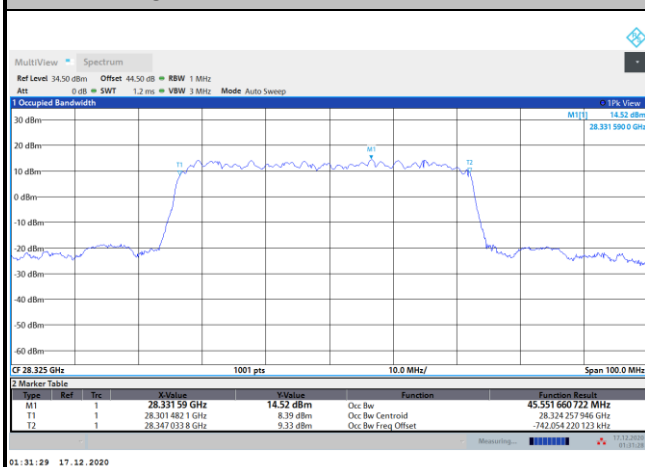
Middle Channel / 50MHz / BPSK



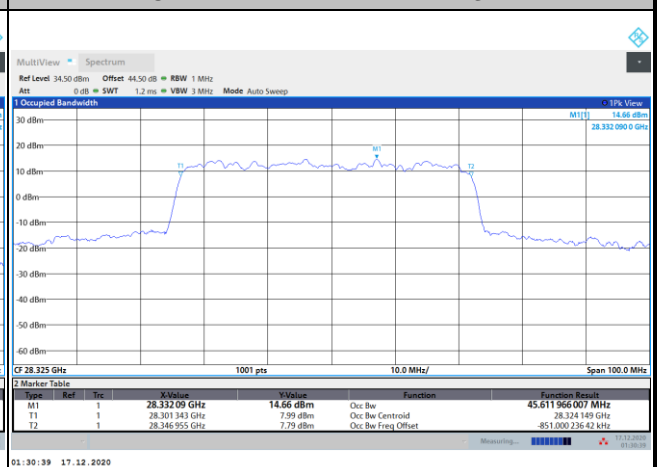
Middle Channel / 50MHz / QPSK



Highest Channel / 50MHz / BPSK



Highest Channel / 50MHz / QPSK

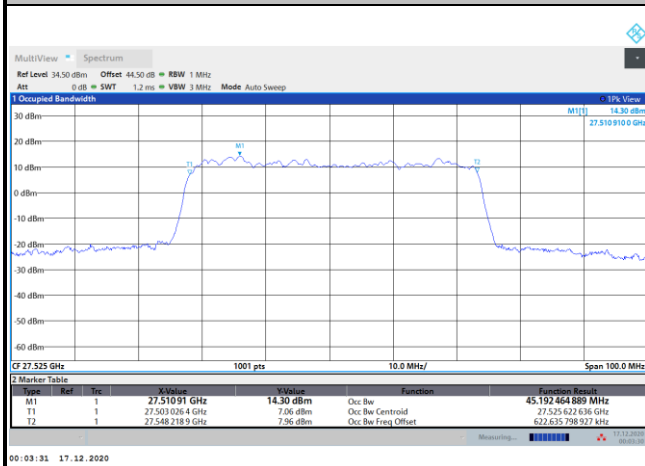




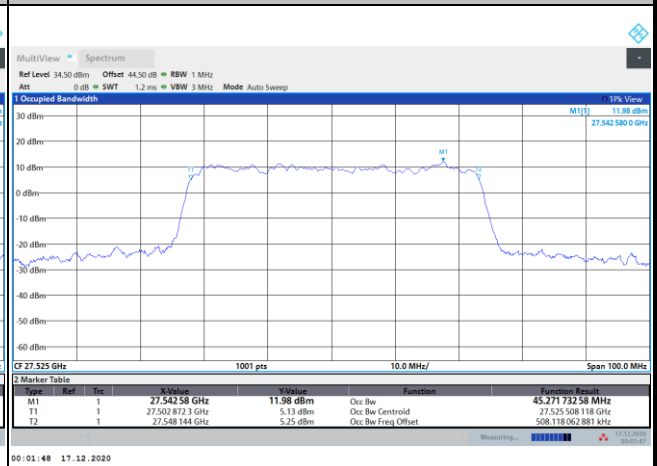
DFT-s-OFDM Module 0

NR Band n261

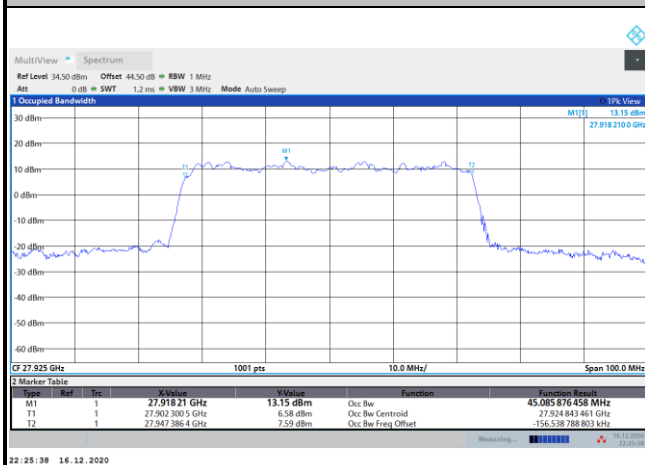
Lowest Channel / 50MHz / 16QAM



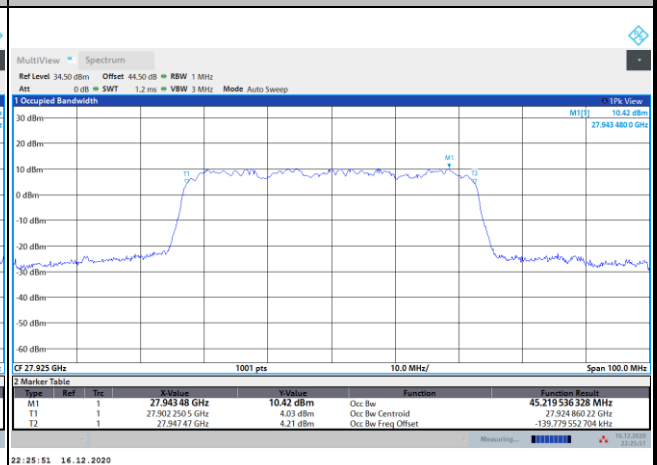
Lowest Channel / 50MHz / 64QAM



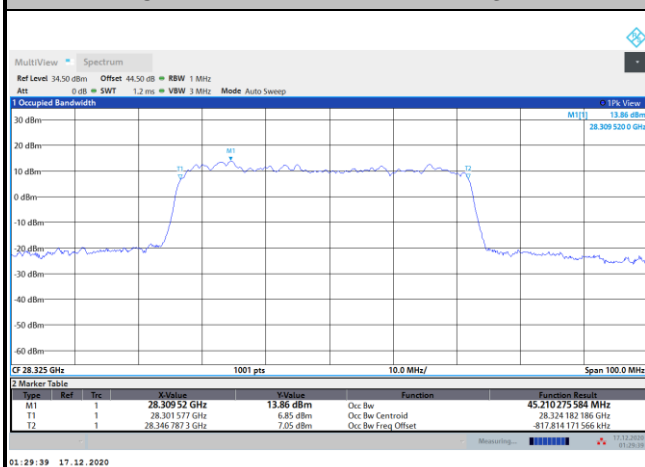
Middle Channel / 50MHz / 16QAM



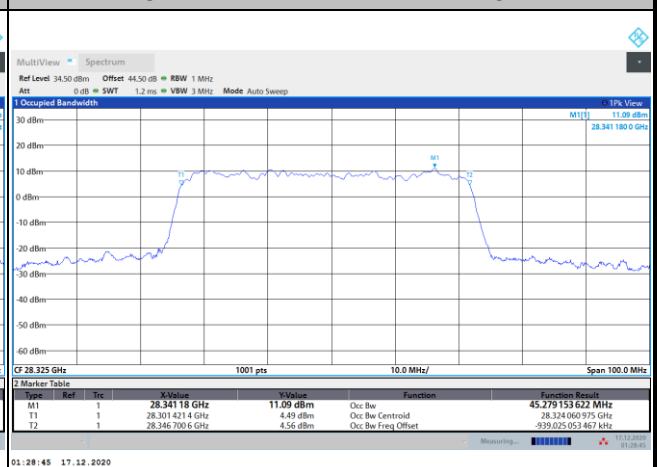
Middle Channel / 50MHz / 64QAM

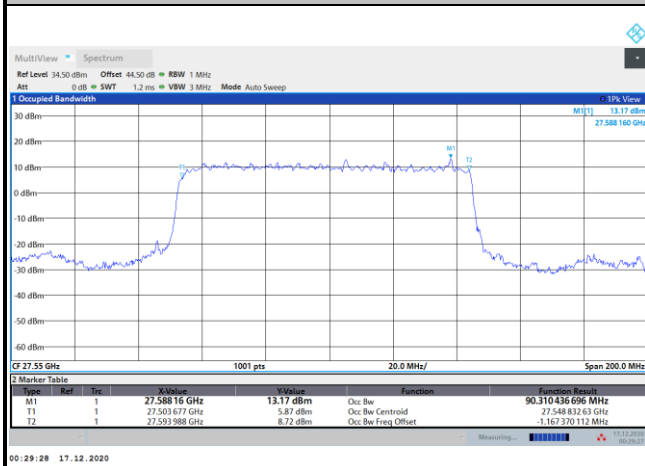
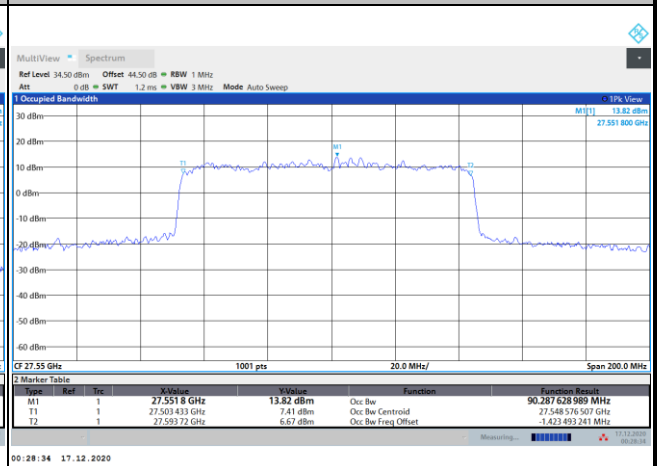
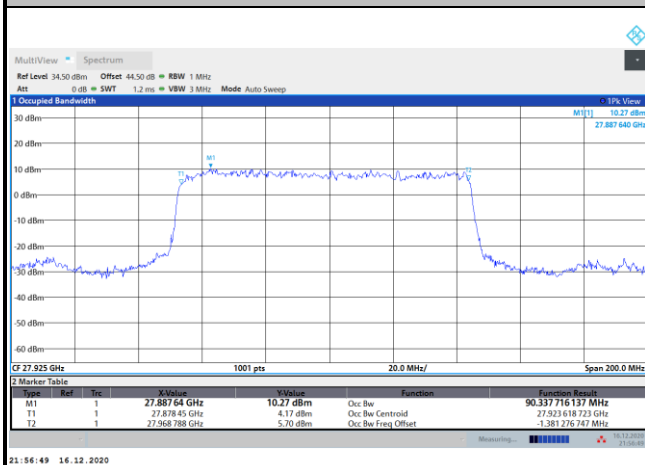
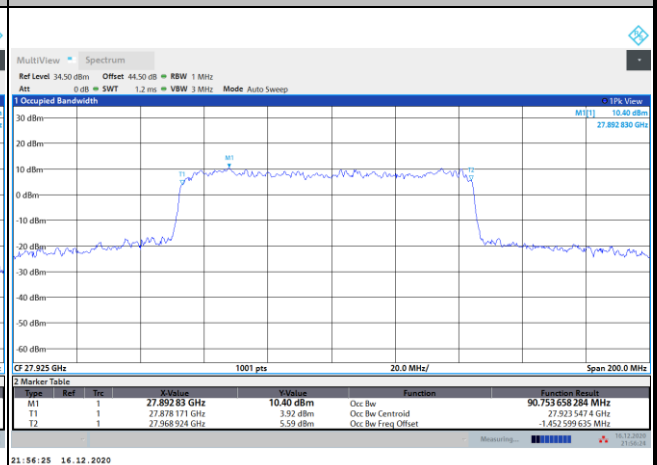
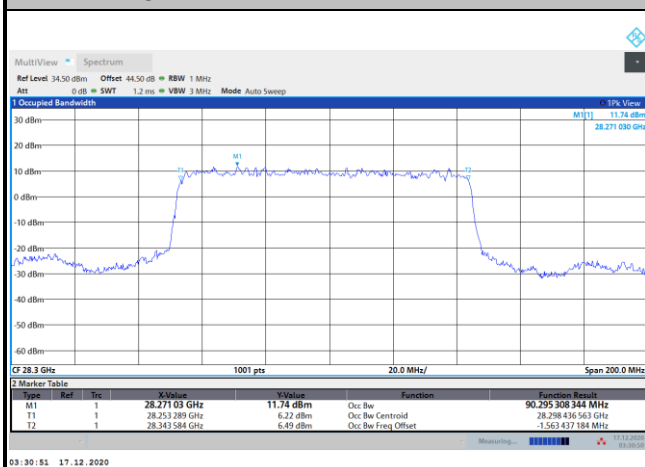
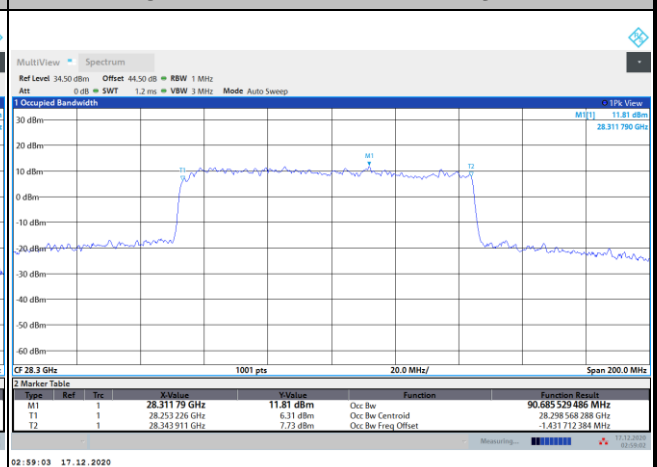


Highest Channel / 50MHz / 16QAM



Highest Channel / 50MHz / 64QAM



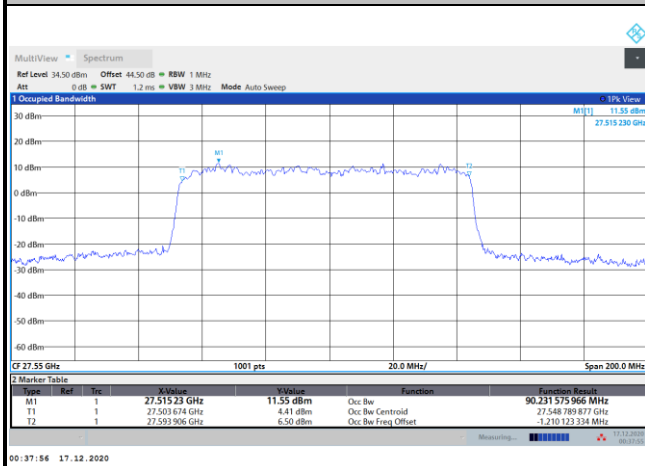
DFT-s-OFDM Module 0
NR Band n261
Lowest Channel / 100MHz / BPSK

Lowest Channel / 100MHz / QPSK

Middle Channel / 100MHz / BPSK

Middle Channel / 100MHz / QPSK

Highest Channel / 100MHz / BPSK

Highest Channel / 100MHz / QPSK




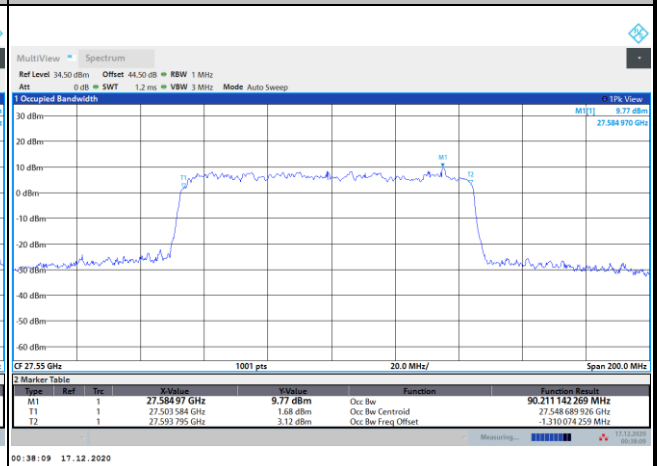
DFT-s-OFDM Module 0

NR Band n261

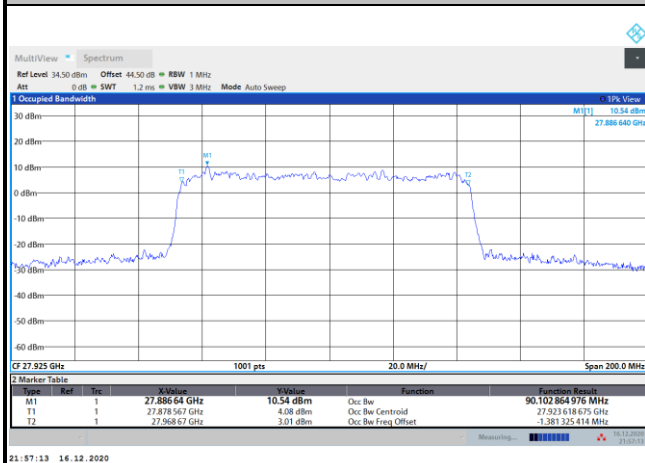
Lowest Channel / 100MHz / 16QAM



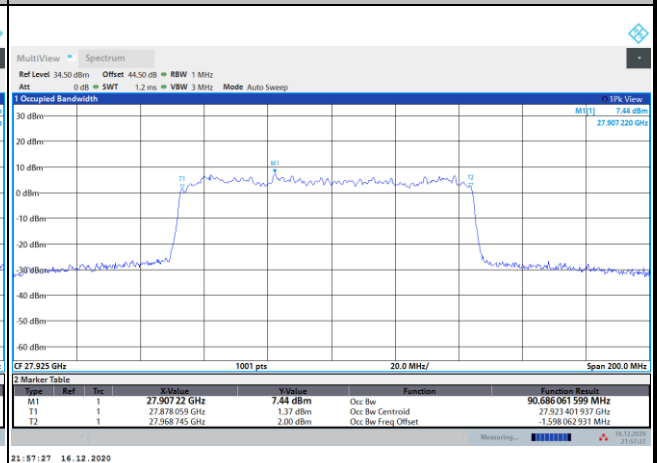
Lowest Channel / 100MHz / 64QAM



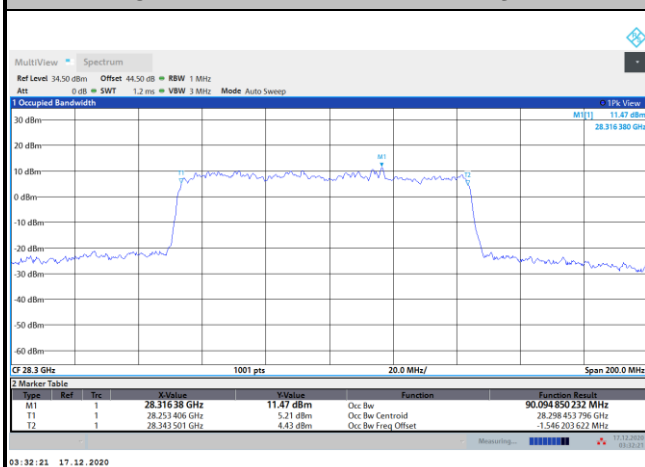
Middle Channel / 100MHz / 16QAM



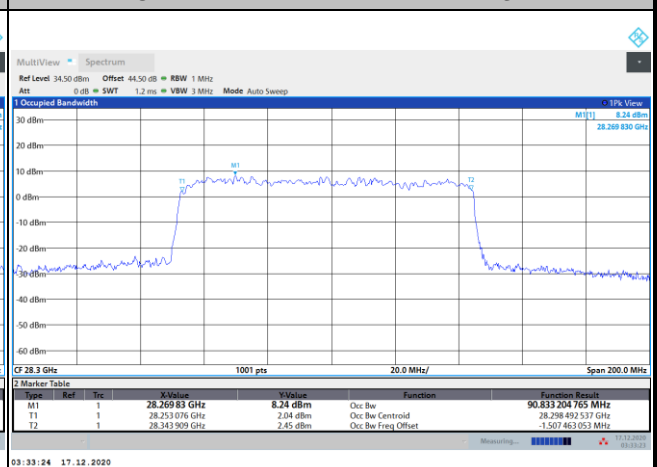
Middle Channel / 100MHz / 64QAM

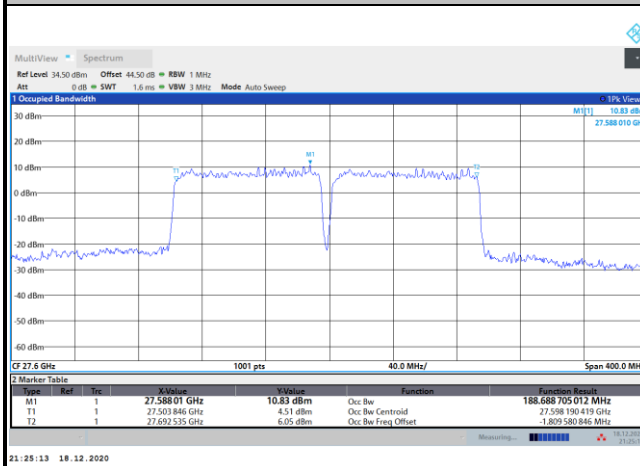
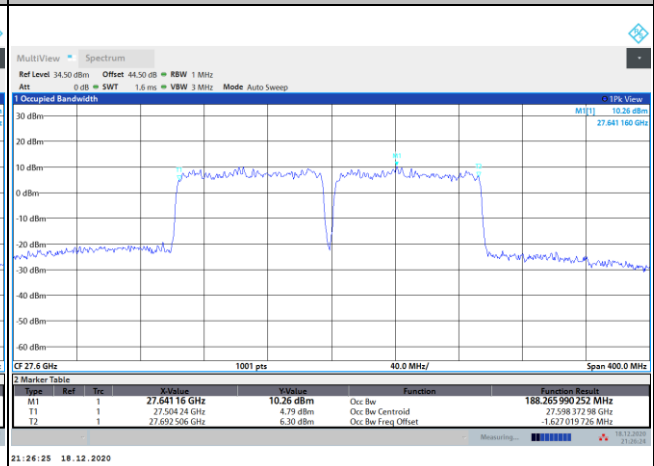
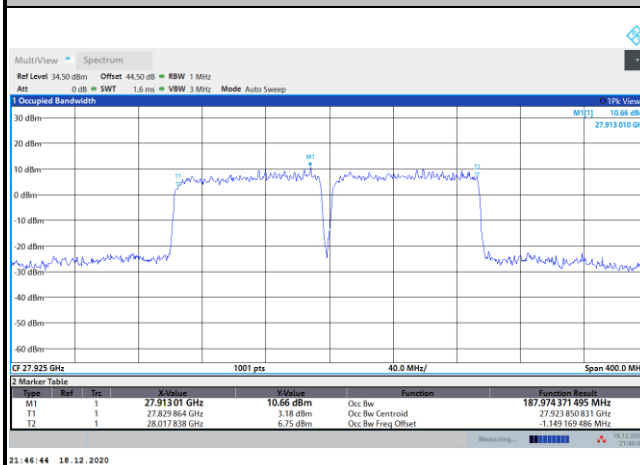
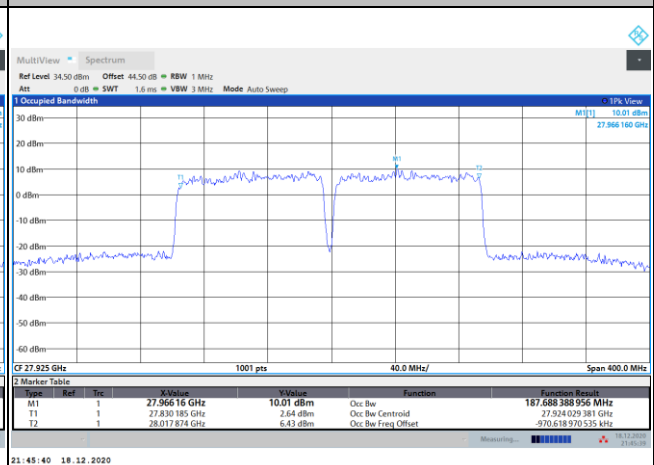


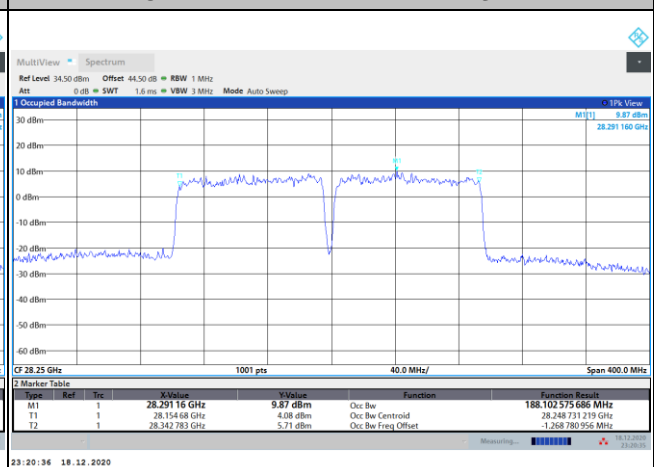
Highest Channel / 100MHz / 16QAM



Highest Channel / 100MHz / 64QAM



DFT-s-OFDM Module 0
NR Band n261
Lowest Channel / 200MHz / BPSK

Lowest Channel / 200MHz / QPSK

Middle Channel / 200MHz / BPSK

Middle Channel / 200MHz / QPSK

Highest Channel / 200MHz / BPSK

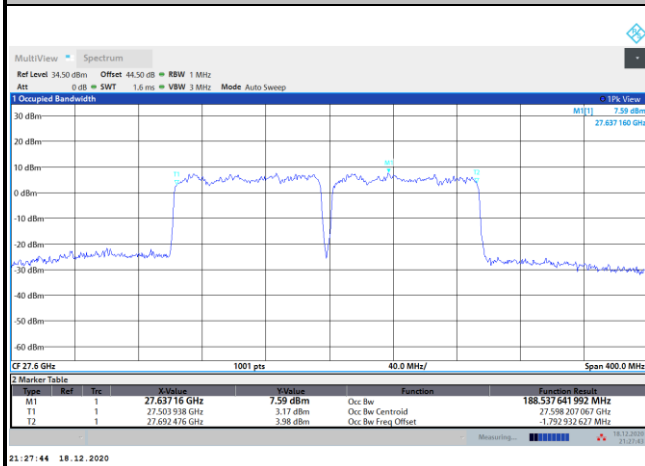
Highest Channel / 200MHz / QPSK




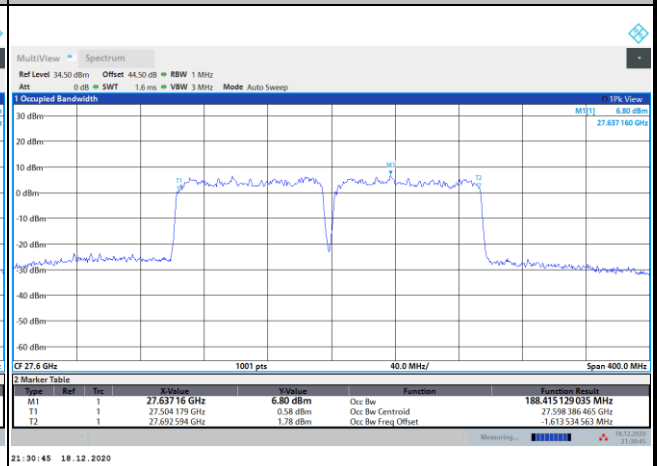
DFT-s-OFDM Module 0

NR Band n261

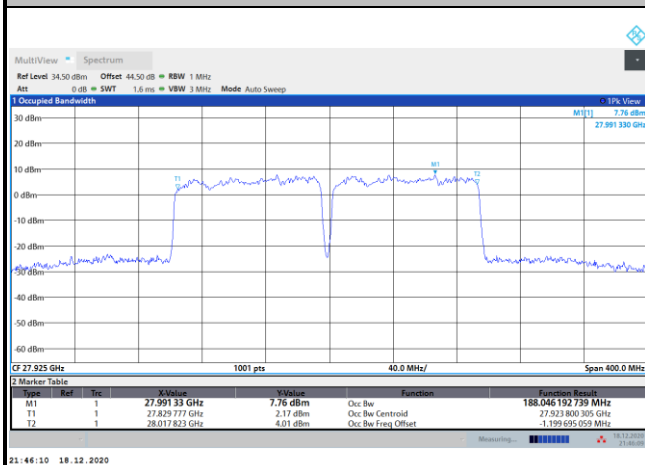
Lowest Channel / 200MHz / 16QAM



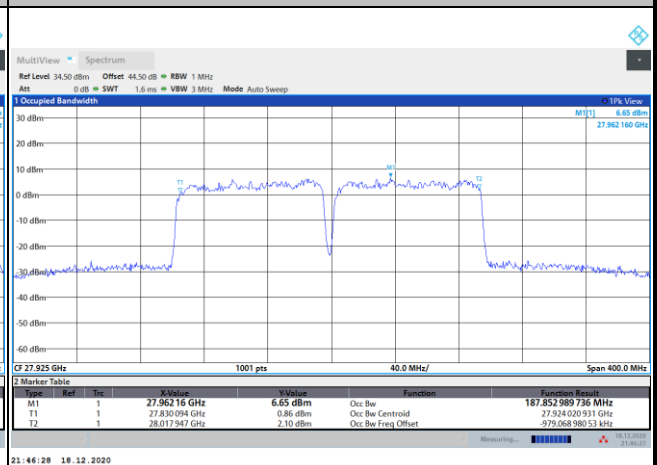
Lowest Channel / 200MHz / 64QAM



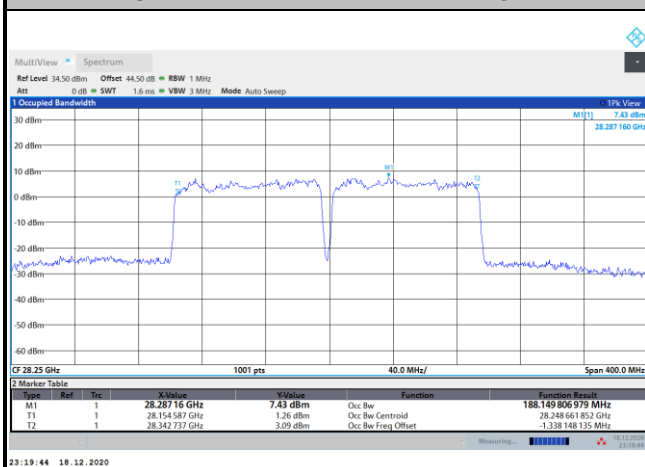
Middle Channel / 200MHz / 16QAM



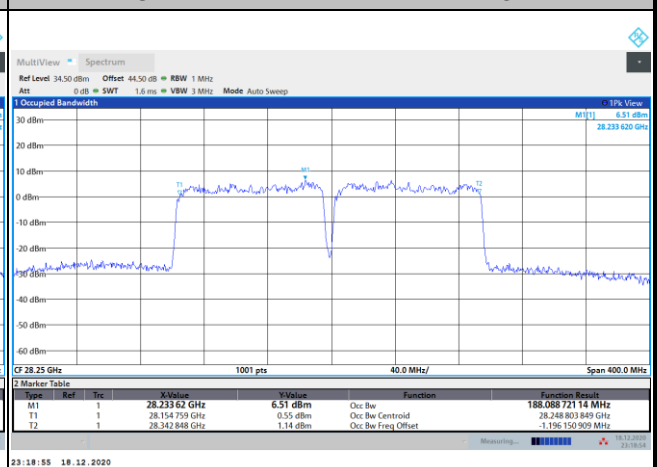
Middle Channel / 200MHz / 64QAM



Highest Channel / 200MHz / 16QAM



Highest Channel / 200MHz / 64QAM





AG1

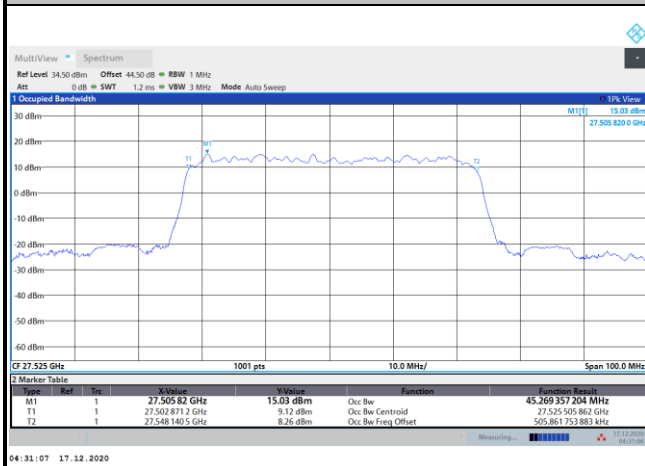
Mode	DFT-s-OFDM Module 0 NR Band n261 : 99%OBW(MHz)											
BW	50MHz				100MHz				200MHz			
Mod.	BPSK	QPSK	16QAM	64QAM	BPSK	QPSK	16QAM	64QAM	BPSK	QPSK	16QAM	64QAM
Lowest CH	45.26	45.27	45.16	45.23	90.27	90.66	90.24	90.56	188.42	188.35	188.22	188.13
Middle CH	45.28	45.31	45.36	45.22	90.44	90.82	90.42	90.73	188.11	187.86	187.76	187.87
Highest CH	45.25	45.44	45.15	45.26	90.53	90.44	90.59	90.85	188.26	188.10	188.18	188.06



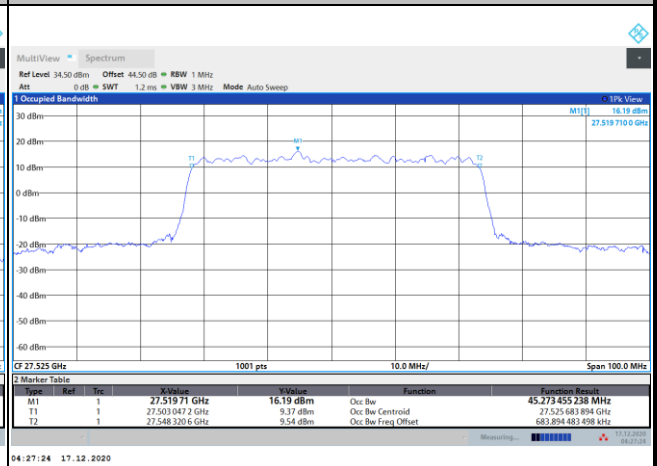
DFT-s-OFDM Module 0

NR Band n261

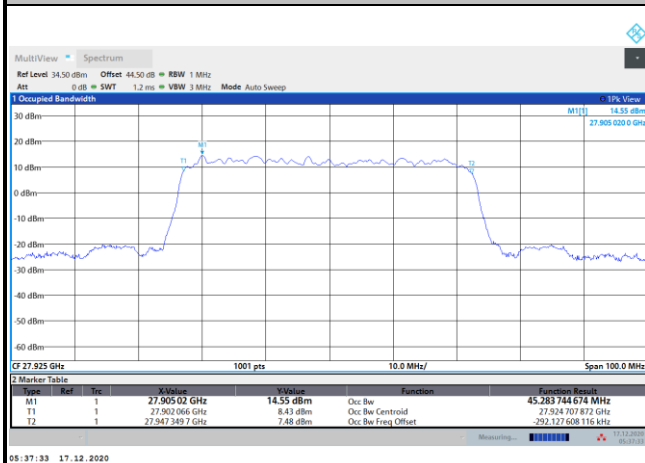
Lowest Channel / 50MHz / BPSK



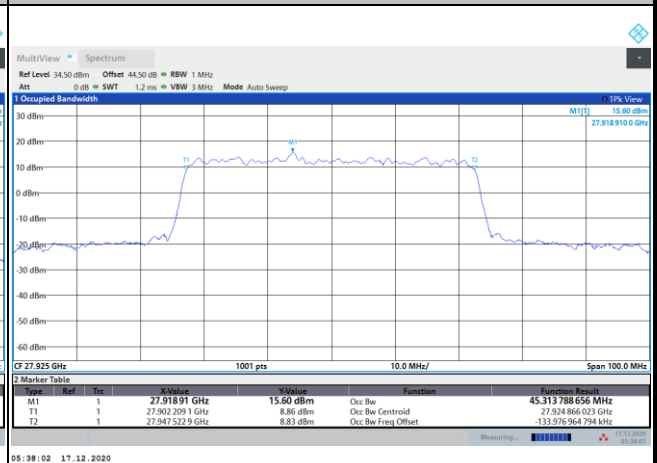
Lowest Channel / 50MHz / QPSK



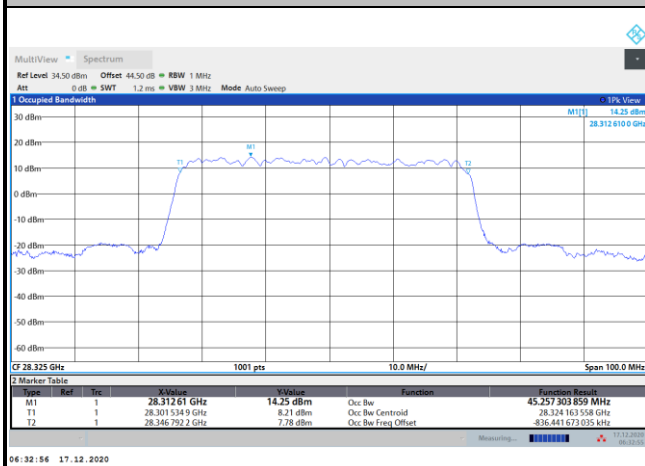
Middle Channel / 50MHz / BPSK



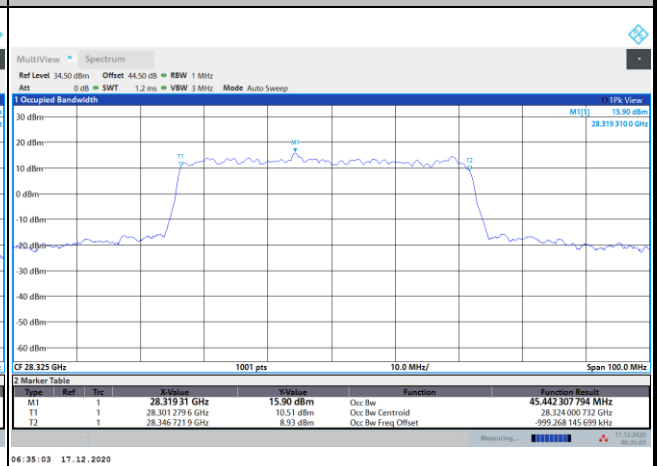
Middle Channel / 50MHz / QPSK



Highest Channel / 50MHz / BPSK



Highest Channel / 50MHz / QPSK

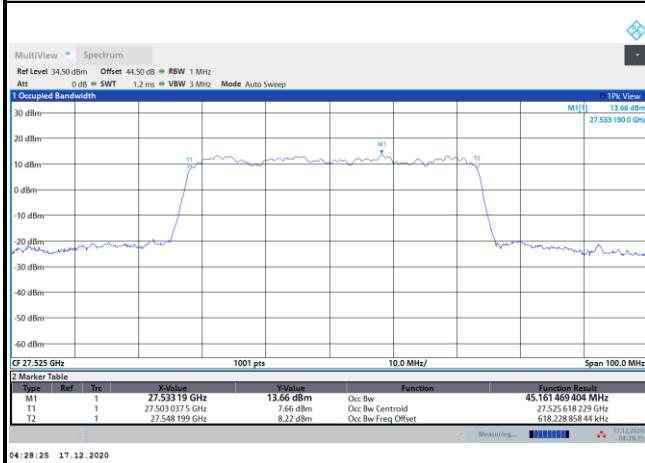




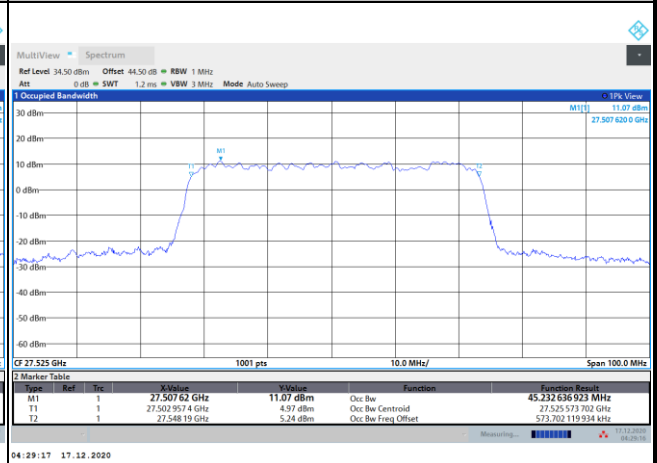
DFT-s-OFDM Module 0

NR Band n261

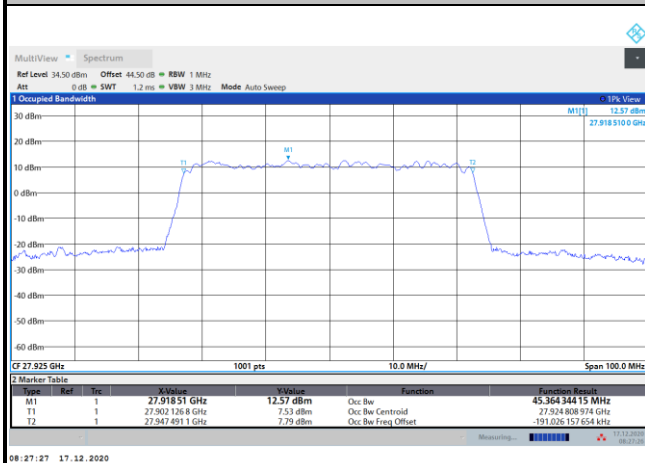
Lowest Channel / 50MHz / 16QAM



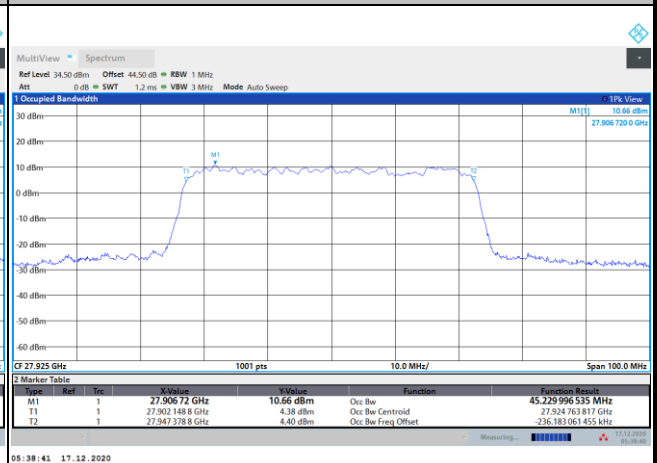
Lowest Channel / 50MHz / 64QAM



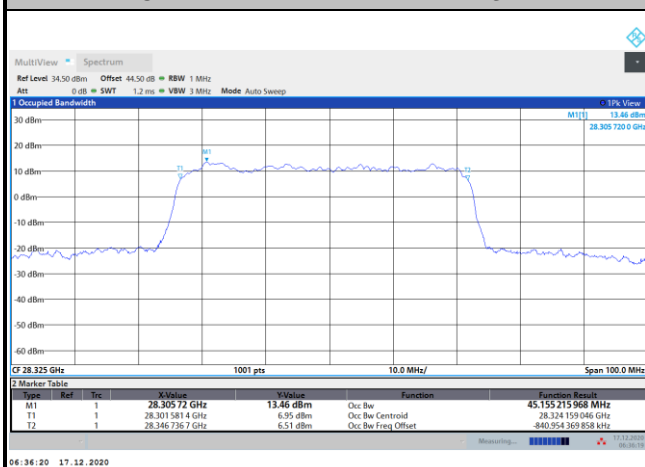
Middle Channel / 50MHz / 16QAM



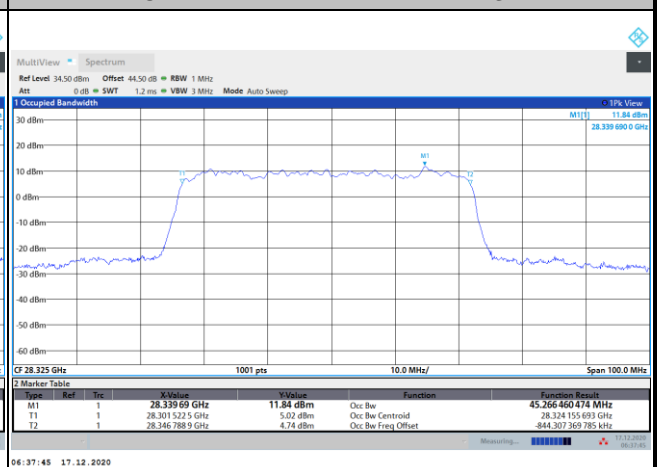
Middle Channel / 50MHz / 64QAM



Highest Channel / 50MHz / 16QAM



Highest Channel / 50MHz / 64QAM

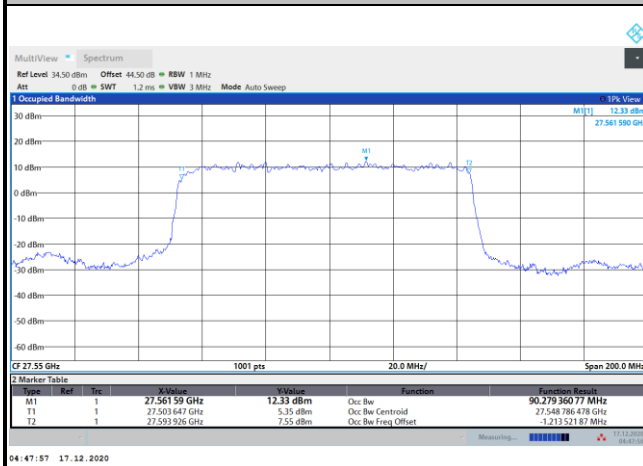




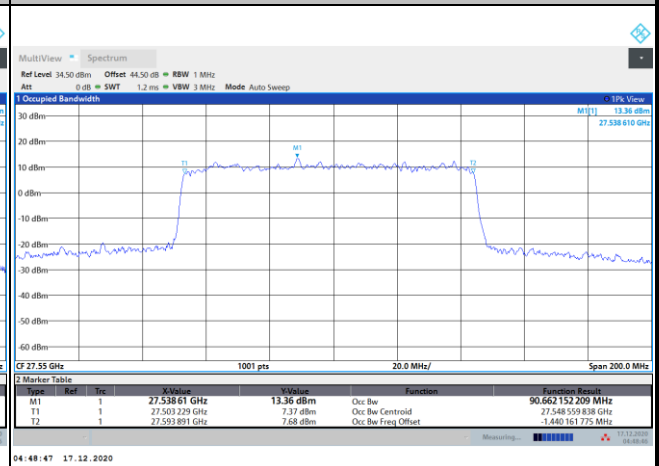
DFT-s-OFDM Module 0

NR Band n261

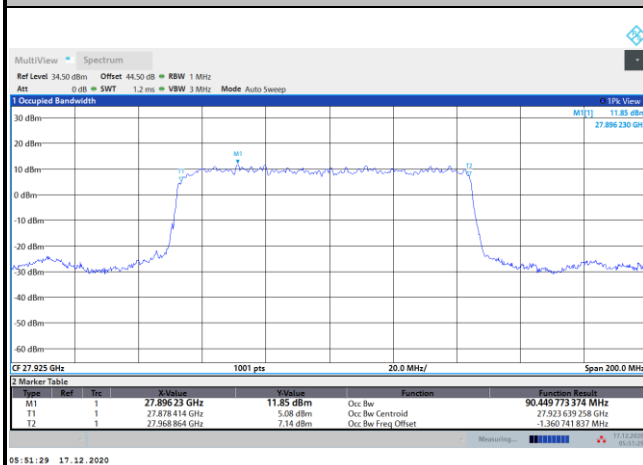
Lowest Channel / 100MHz / BPSK



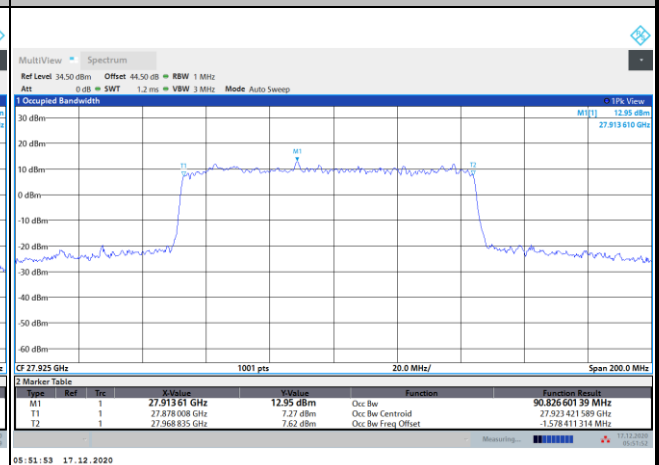
Lowest Channel / 100MHz / QPSK



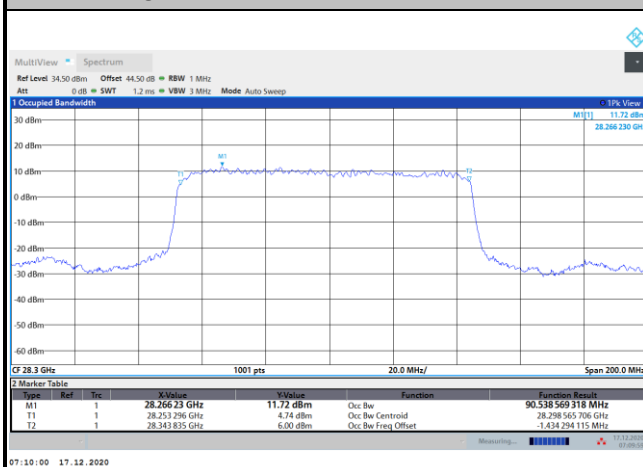
Middle Channel / 100MHz / BPSK



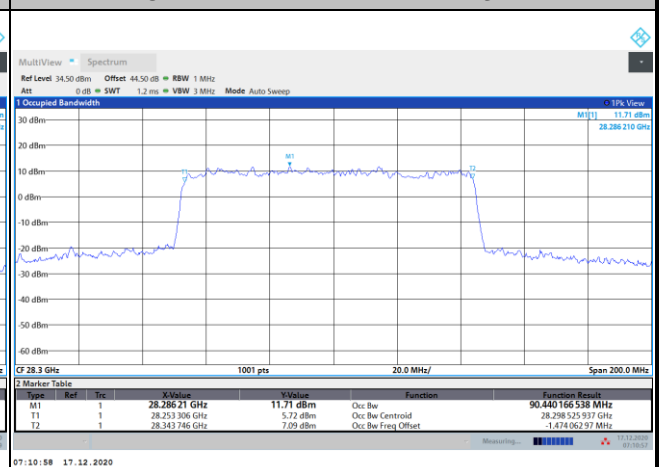
Middle Channel / 100MHz / QPSK



Highest Channel / 100MHz / BPSK



Highest Channel / 100MHz / QPSK

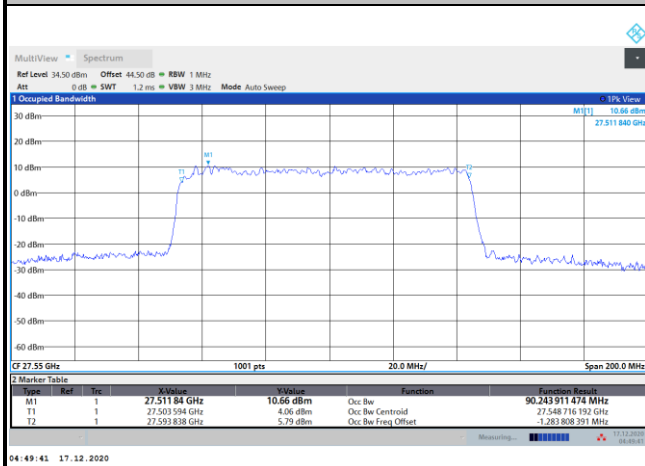




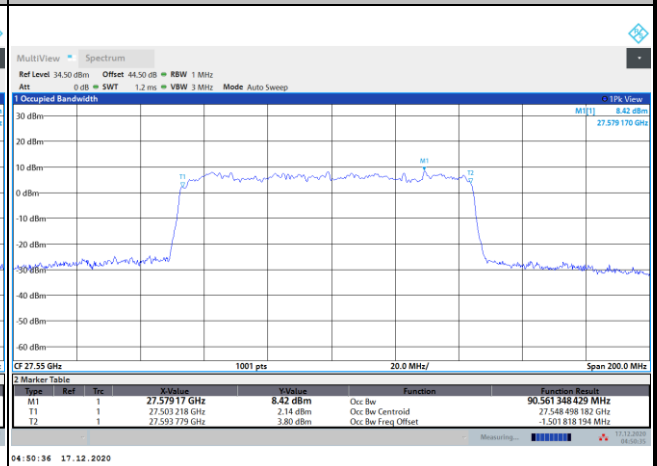
DFT-s-OFDM Module 0

NR Band n261

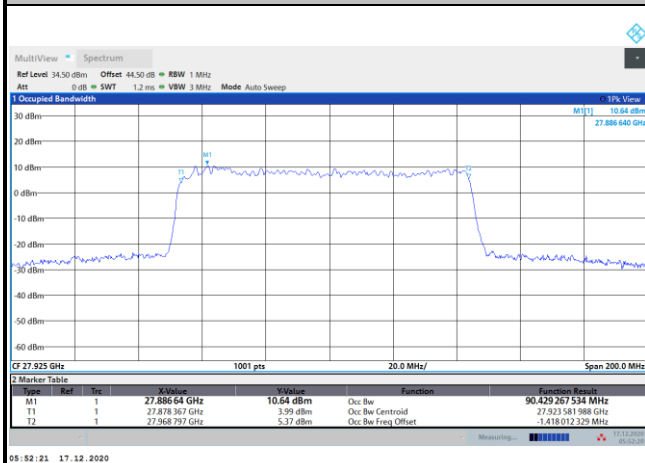
Lowest Channel / 100MHz / 16QAM



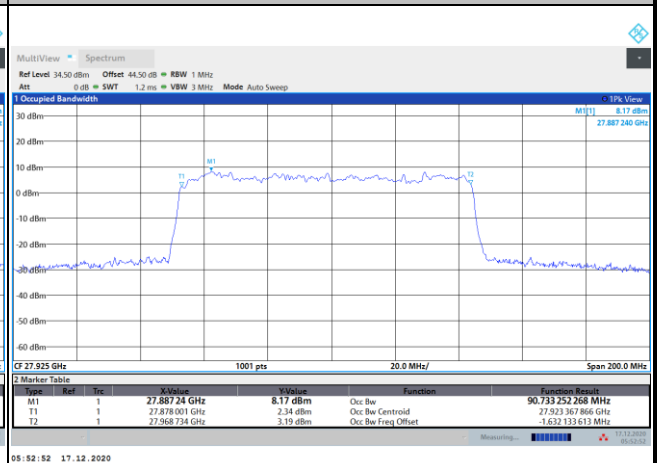
Lowest Channel / 100MHz / 64QAM



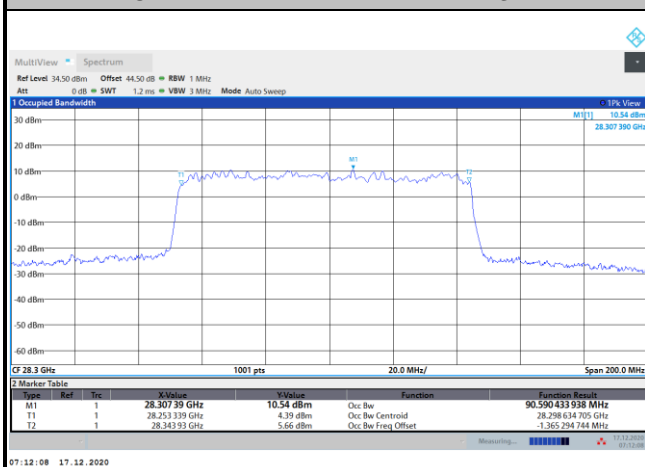
Middle Channel / 100MHz / 16QAM



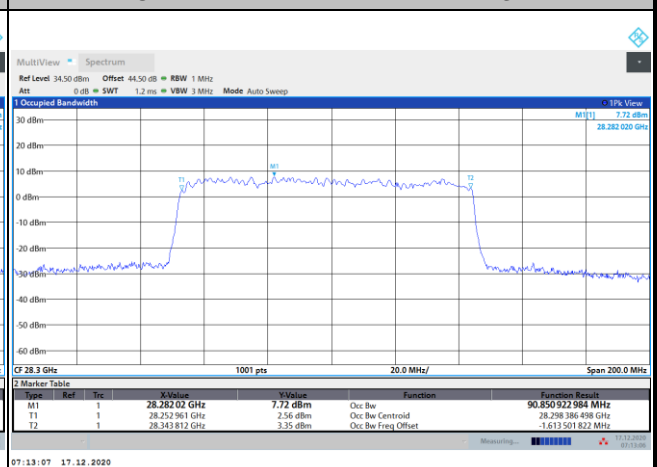
Middle Channel / 100MHz / 64QAM



Highest Channel / 100MHz / 16QAM



Highest Channel / 100MHz / 64QAM

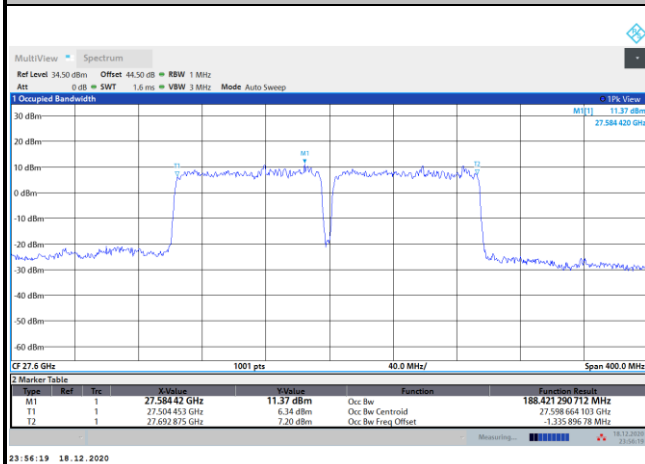




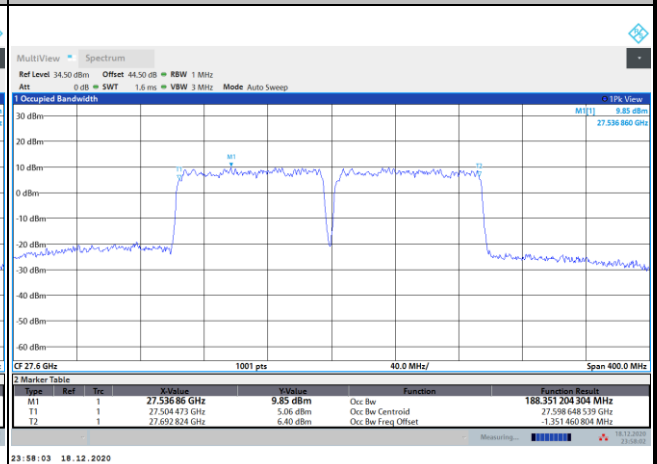
DFT-s-OFDM Module 0

NR Band n261

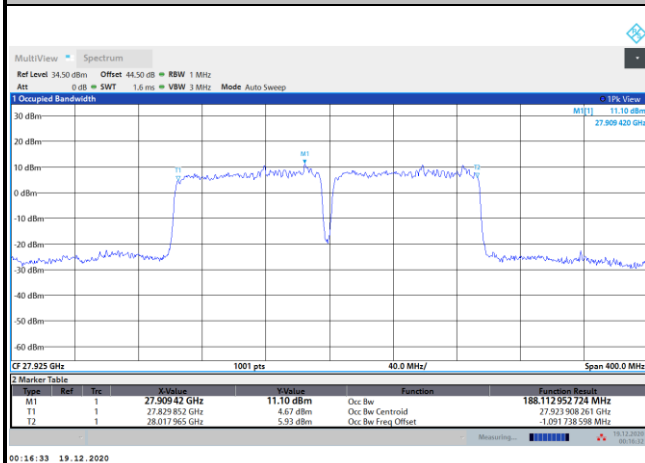
Lowest Channel / 200MHz / BPSK



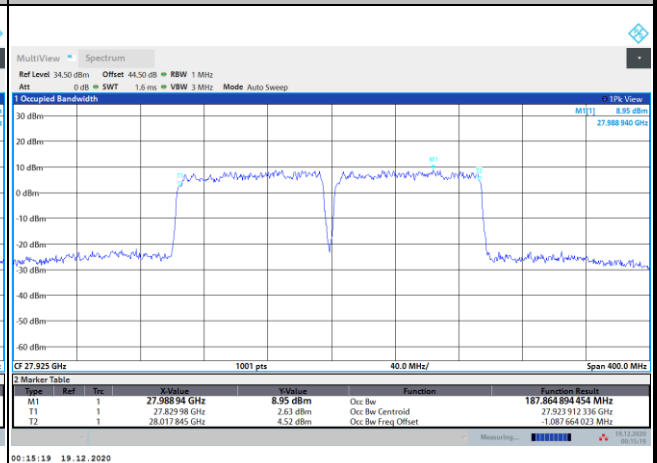
Lowest Channel / 200MHz / QPSK



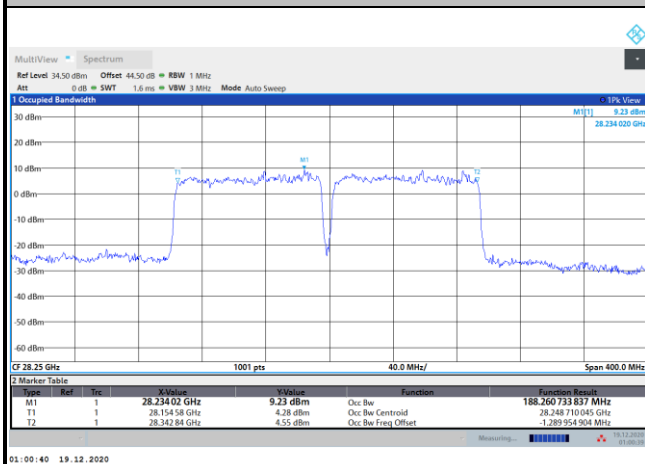
Middle Channel / 200MHz / BPSK



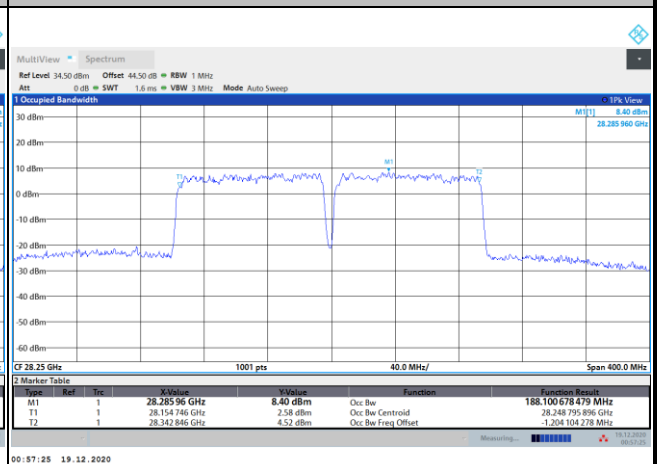
Middle Channel / 200MHz / QPSK



Highest Channel / 200MHz / BPSK



Highest Channel / 200MHz / QPSK

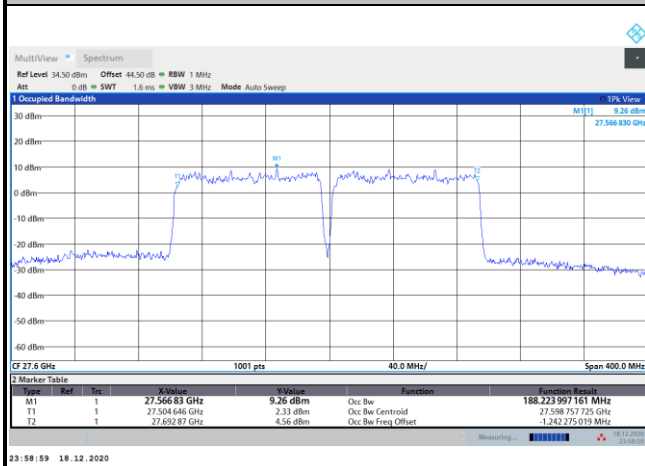




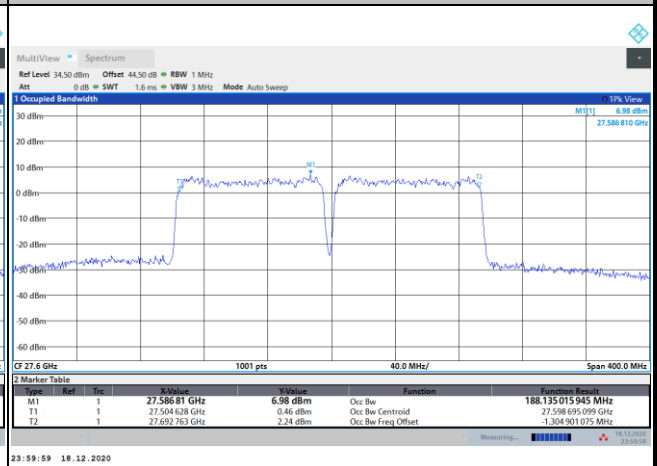
DFT-s-OFDM Module 0

NR Band n261

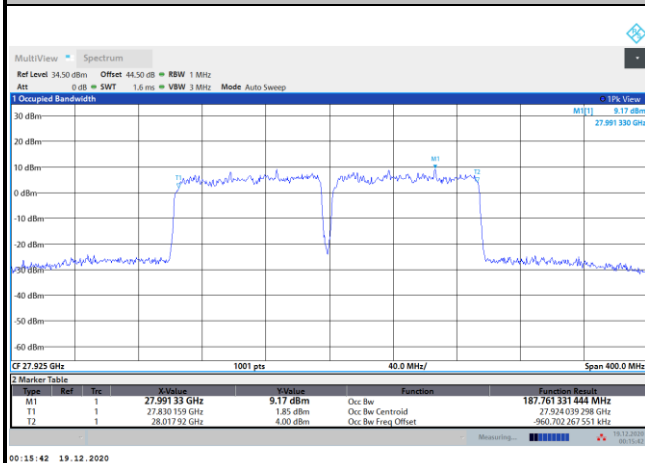
Lowest Channel / 200MHz / 16QAM



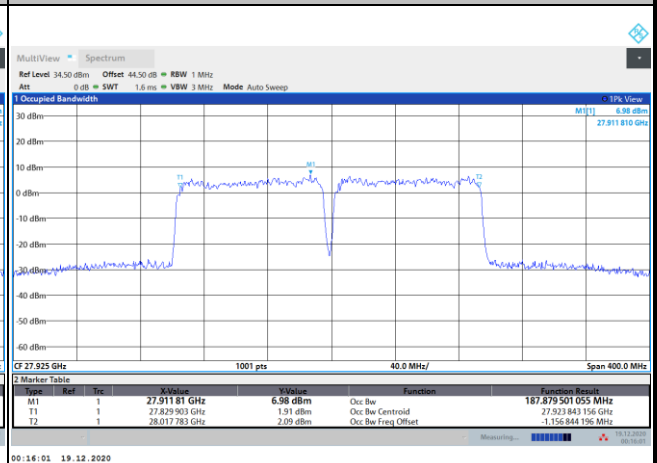
Lowest Channel / 200MHz / 64QAM



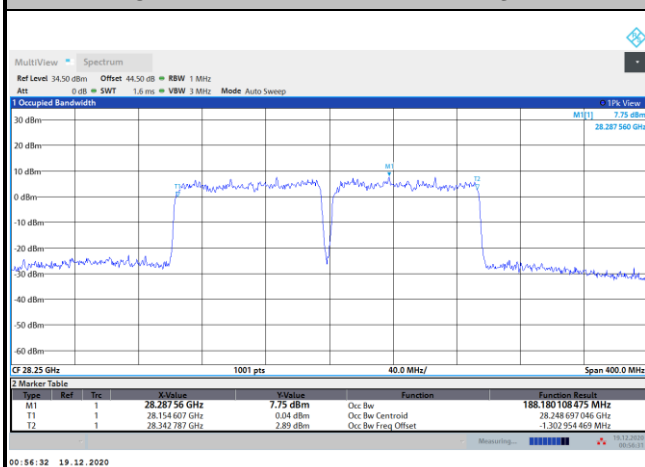
Middle Channel / 200MHz / 16QAM



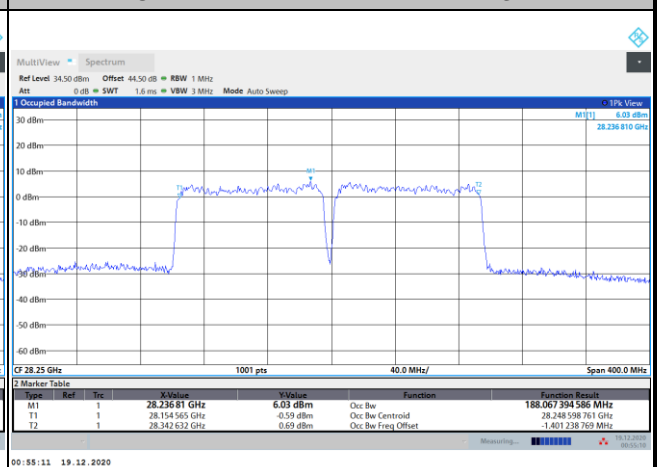
Middle Channel / 200MHz / 64QAM



Highest Channel / 200MHz / 16QAM



Highest Channel / 200MHz / 64QAM





AG0+1

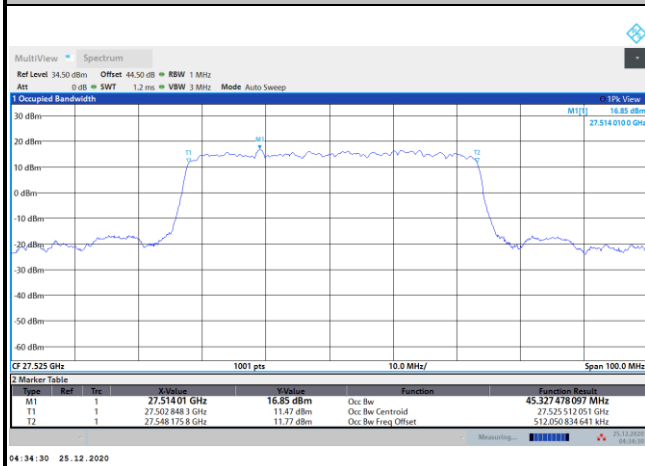
Mode	DFT-s-OFDM Module 0 NR Band n261 : 99%OBW(MHz)											
BW	50MHz				100MHz				200MHz			
Mod.	BPSK	QPSK	16QAM	64QAM	BPSK	QPSK	16QAM	64QAM	BPSK	QPSK	16QAM	64QAM
Lowest CH	45.32	45.39	45.07	45.26	90.55	90.69	90.26	90.63	188.68	189.04	188.27	188.61
Middle CH	45.35	45.45	45.10	45.29	90.67	90.84	90.41	90.76	188.27	188.81	187.91	188.37
Highest CH	45.32	45.42	45.11	45.30	90.56	90.70	90.33	90.67	187.78	188.79	188.11	188.31



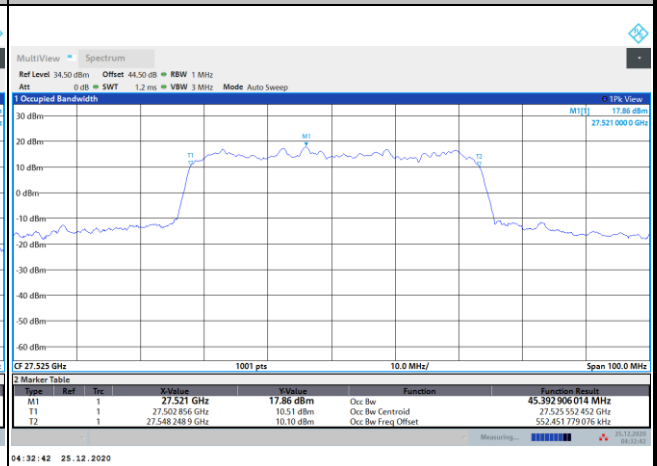
DFT-s-OFDM Module 0

NR Band n261

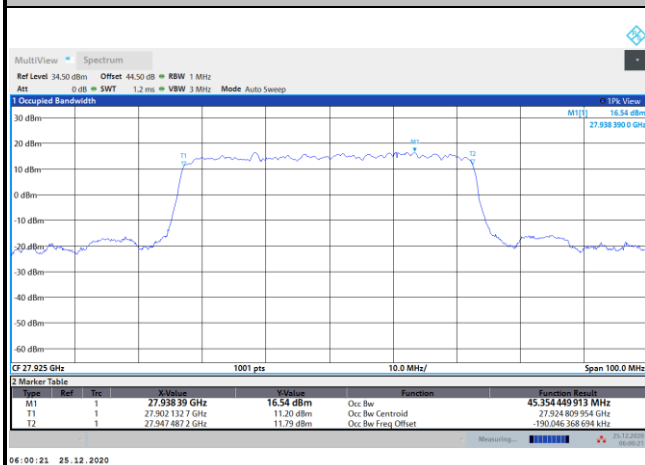
Lowest Channel / 50MHz / BPSK



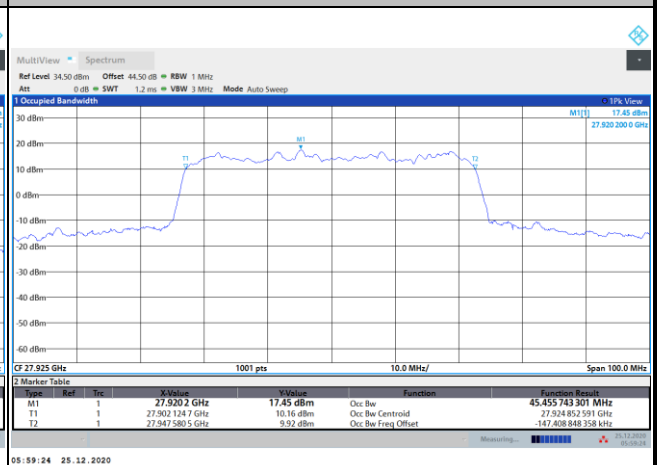
Lowest Channel / 50MHz / QPSK



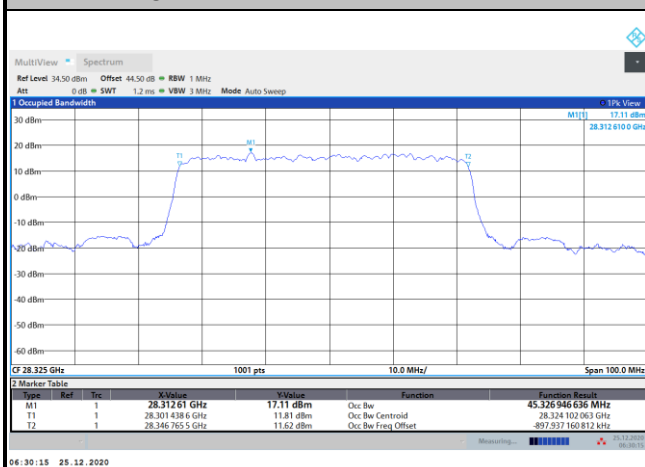
Middle Channel / 50MHz / BPSK



Middle Channel / 50MHz / QPSK



Highest Channel / 50MHz / BPSK



Highest Channel / 50MHz / QPSK

