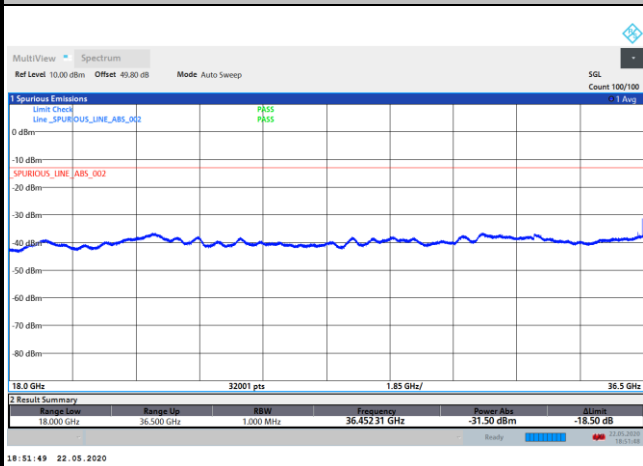




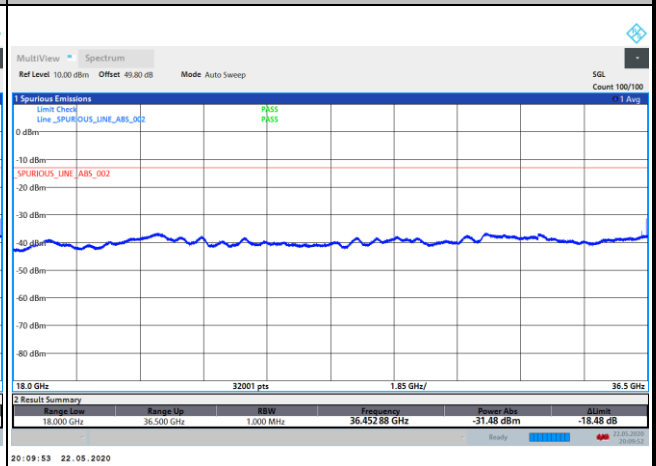
DFT-s-OFDM Module 1

NR Band n260 QPSK (18-40GHz)

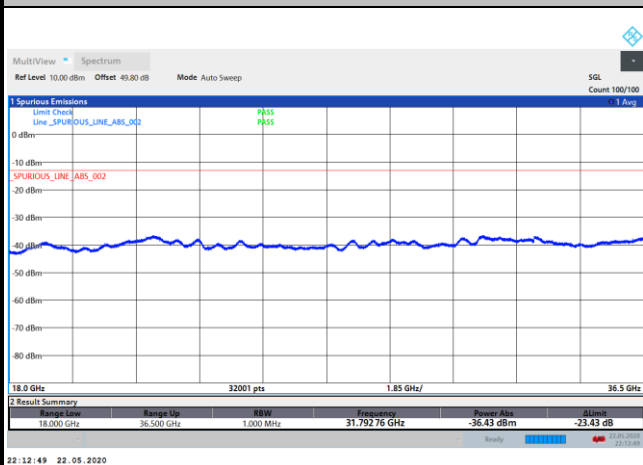
Lowest Channel / 50MHz



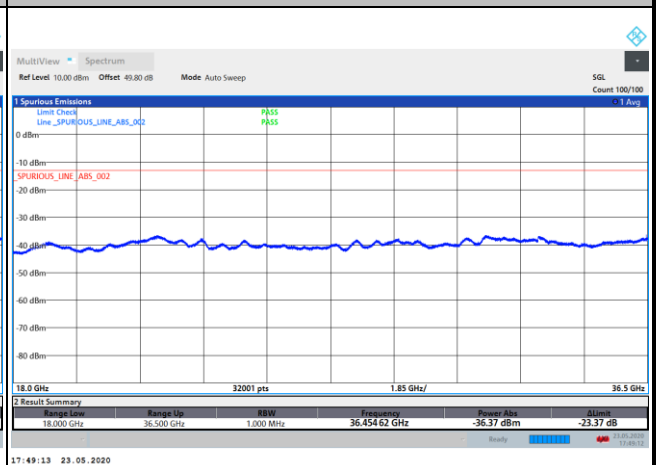
Lowest Channel / 100MHz



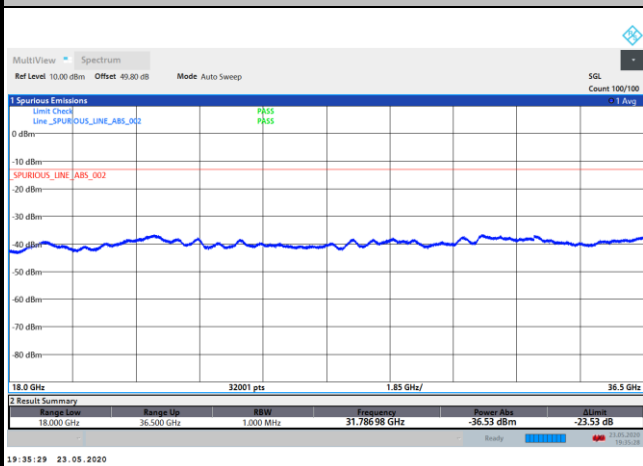
Middle Channel / 50MHz



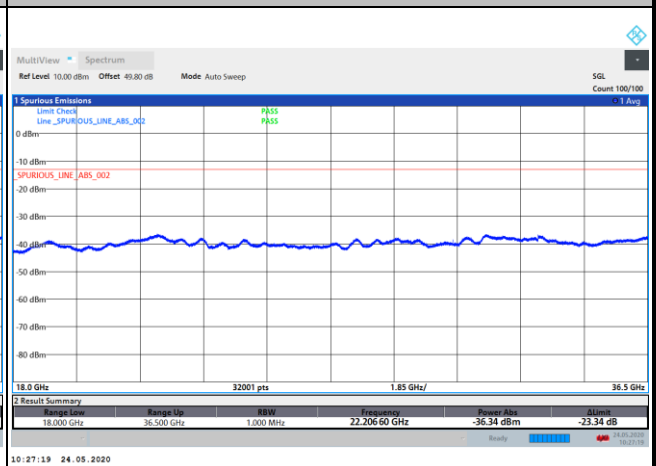
Middle Channel / 100MHz



Highest Channel / 50MHz



Highest Channel / 100MHz

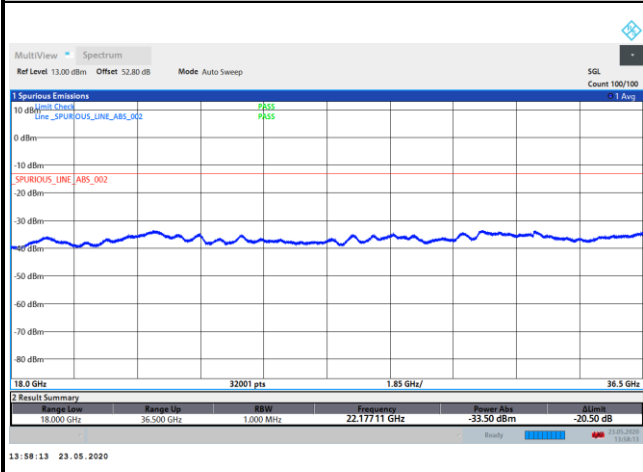




DFT-s-OFDM Module 1

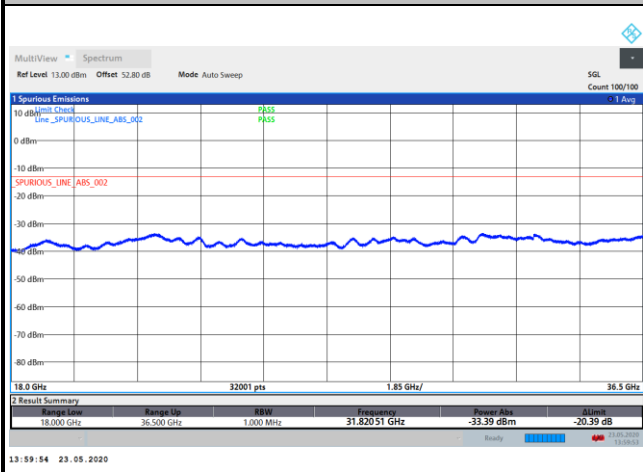
NR Band n260 QPSK (18-40GHz)

Lowest Channel / 200MHz



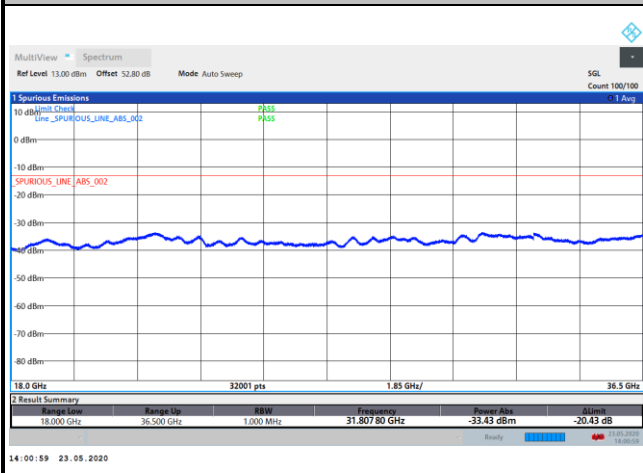
intentionally blank

Middle Channel / 200MHz



intentionally blank

Highest Channel / 200MHz



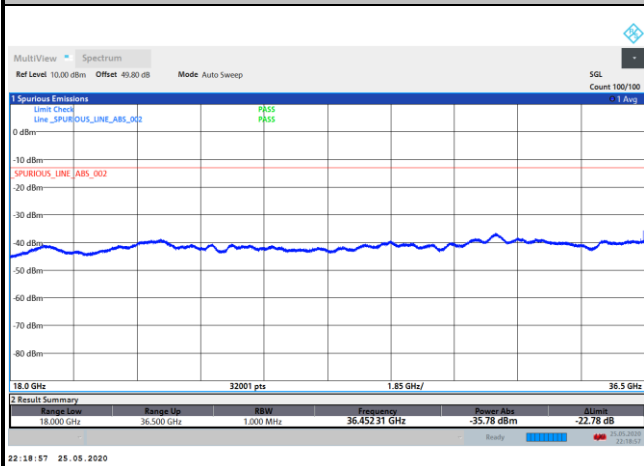
intentionally blank



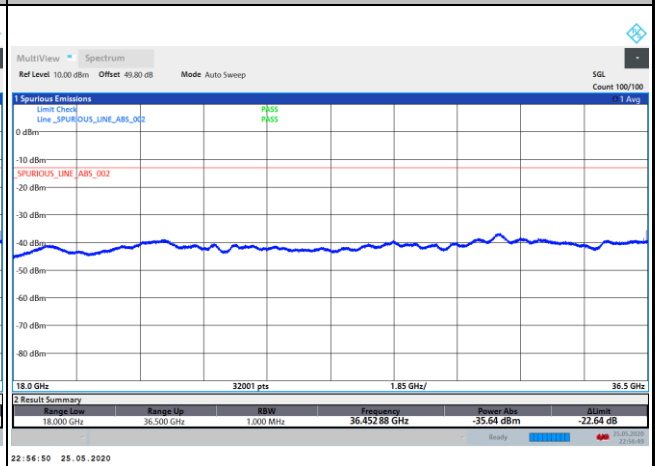
CP-OFDM Module 0

NR Band n260 QPSK (18-40GHz)

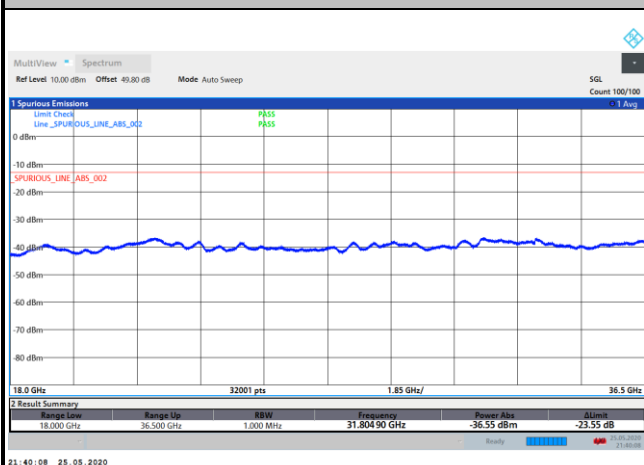
Lowest Channel / 50MHz



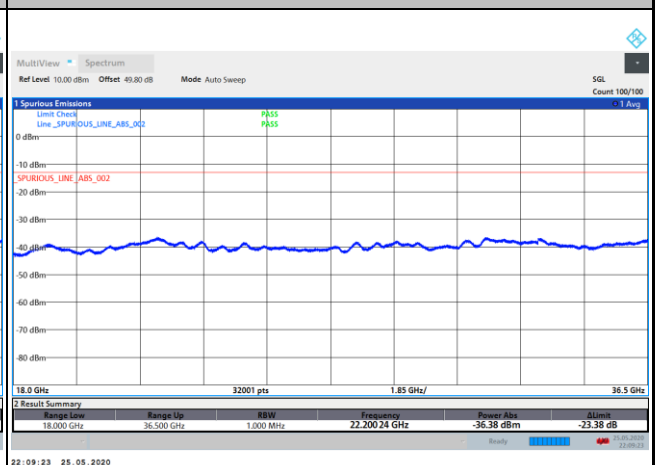
Lowest Channel / 100MHz



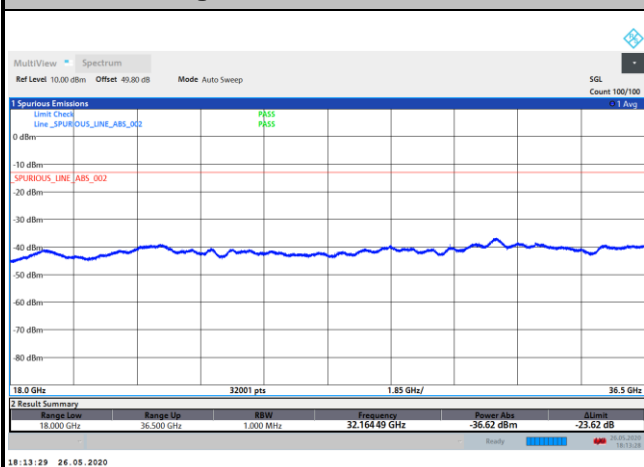
Middle Channel / 50MHz



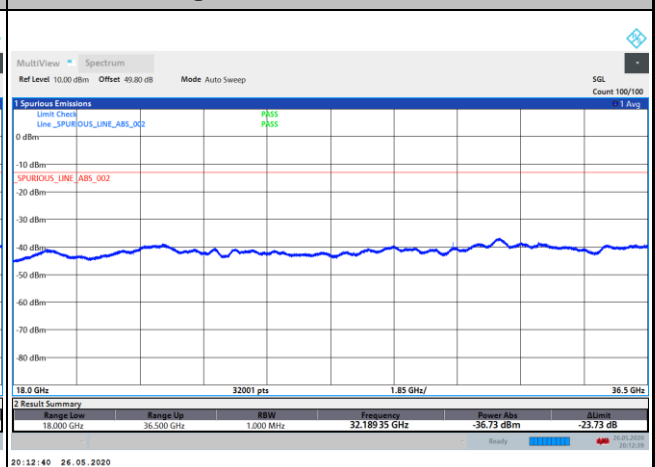
Middle Channel / 100MHz



Highest Channel / 50MHz



Highest Channel / 100MHz

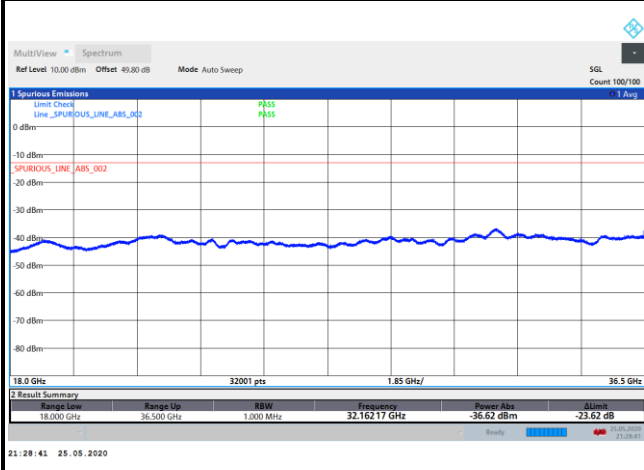




CP-OFDM Module 0

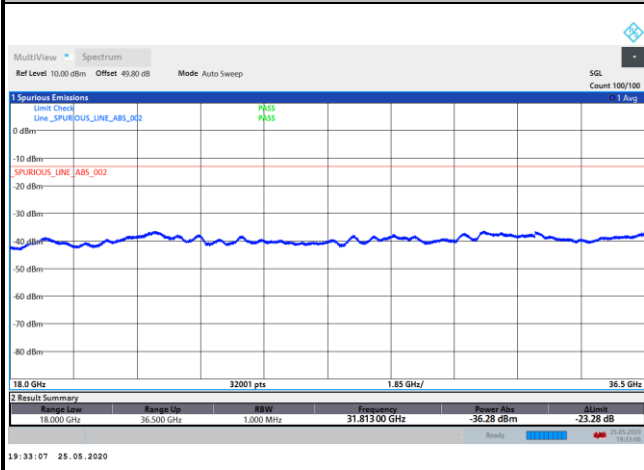
NR Band n260 QPSK (18-40GHz)

Lowest Channel / 200MHz



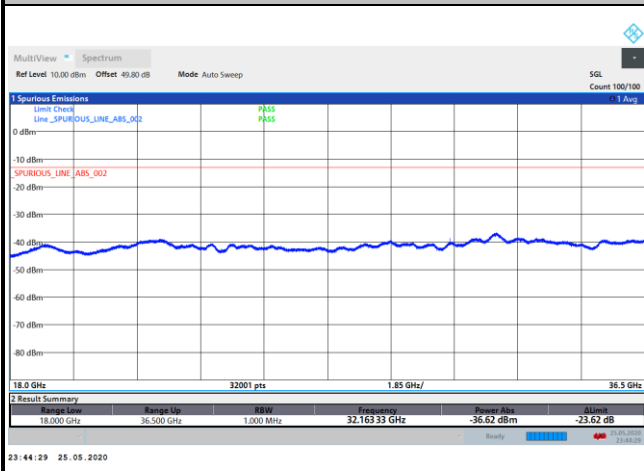
intentionally blank

Middle Channel / 200MHz



intentionally blank

Highest Channel / 200MHz



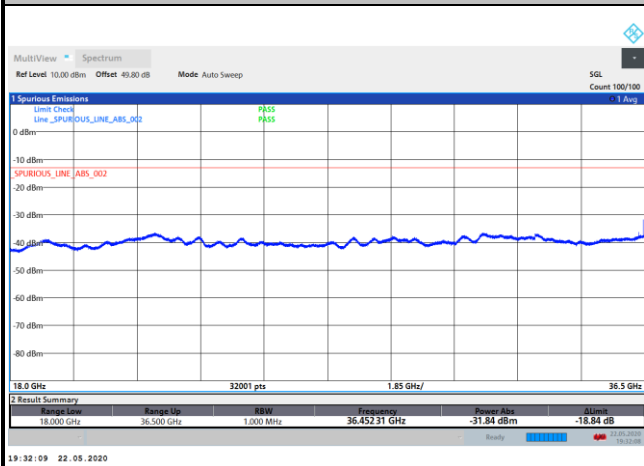
intentionally blank



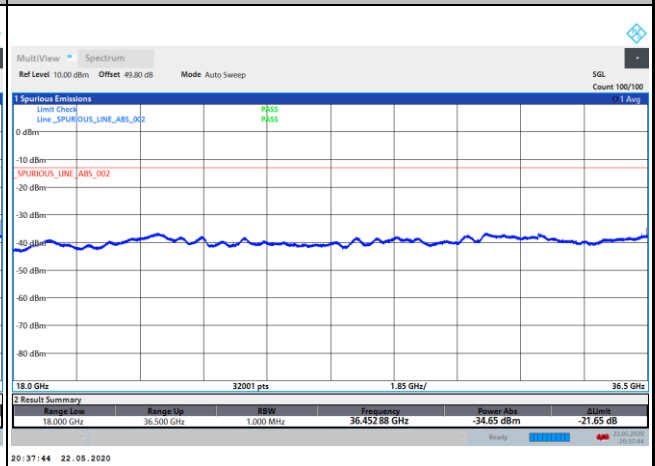
CP-OFDM Module 1

NR Band n260 QPSK (18-40GHz)

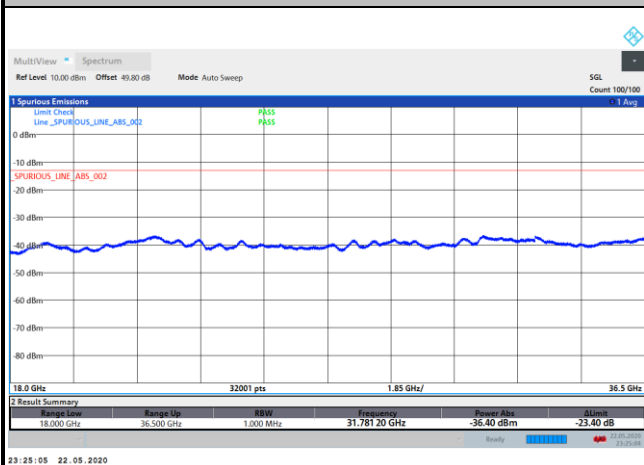
Lowest Channel / 50MHz



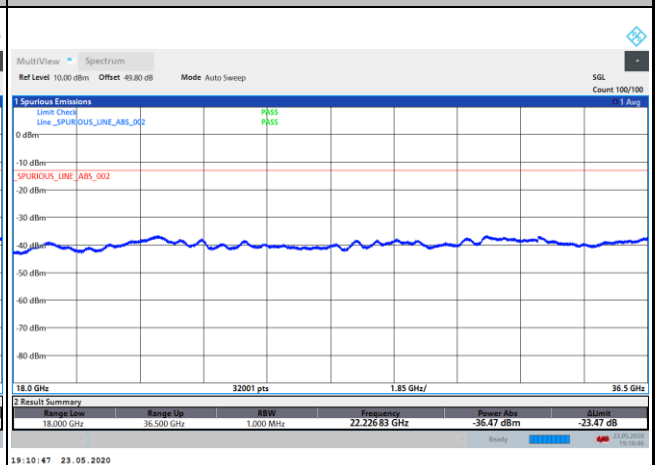
Lowest Channel / 100MHz



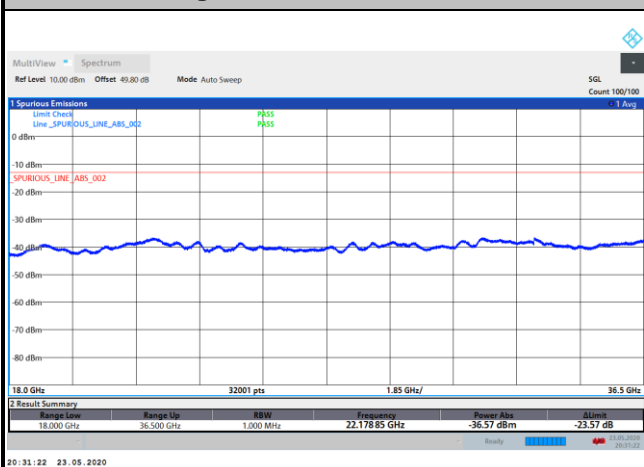
Middle Channel / 50MHz



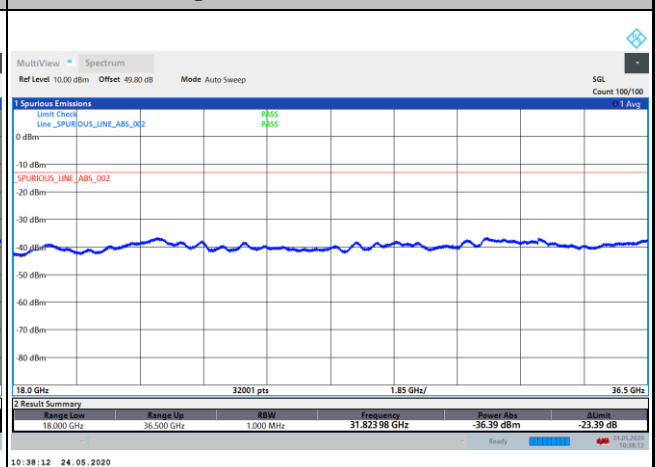
Middle Channel / 100MHz



Highest Channel / 50MHz



Highest Channel / 100MHz



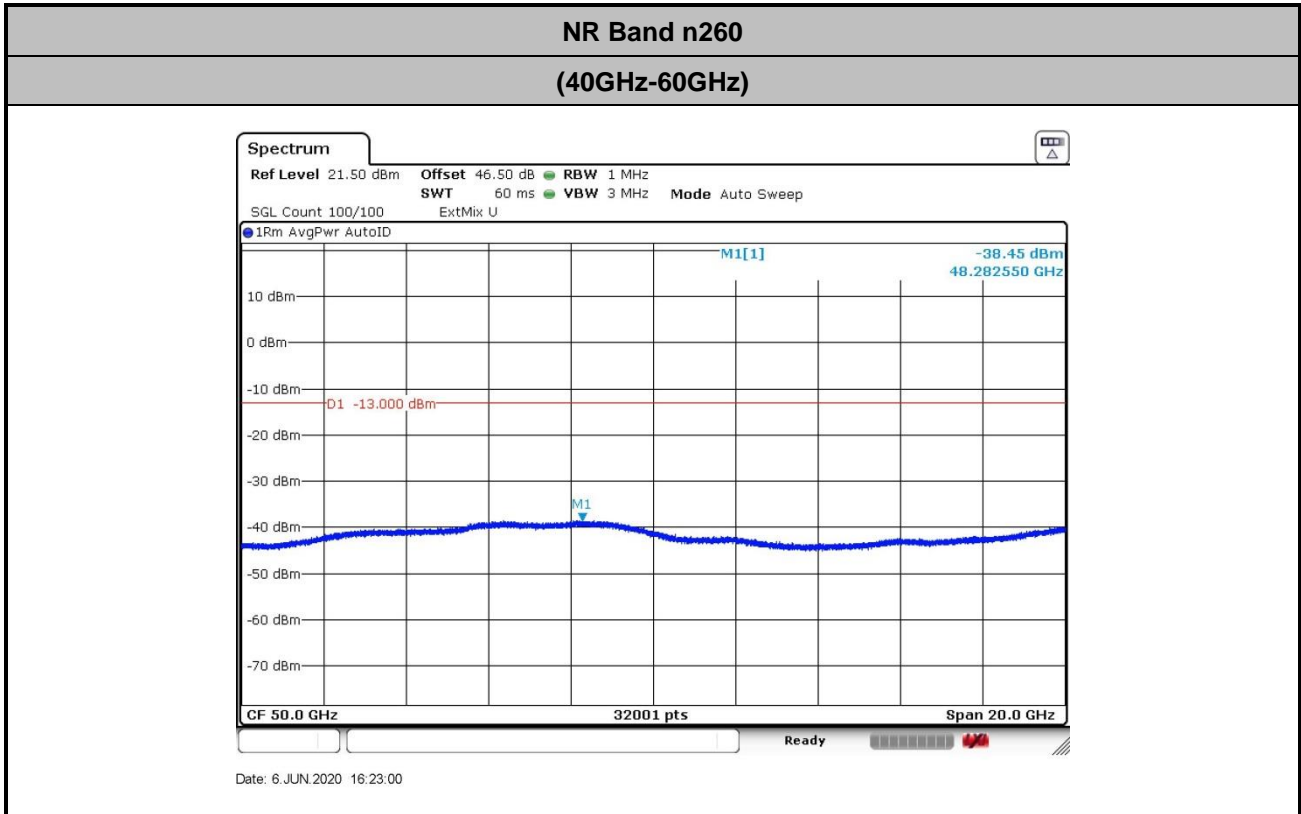


CP-OFDM Module 1

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



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



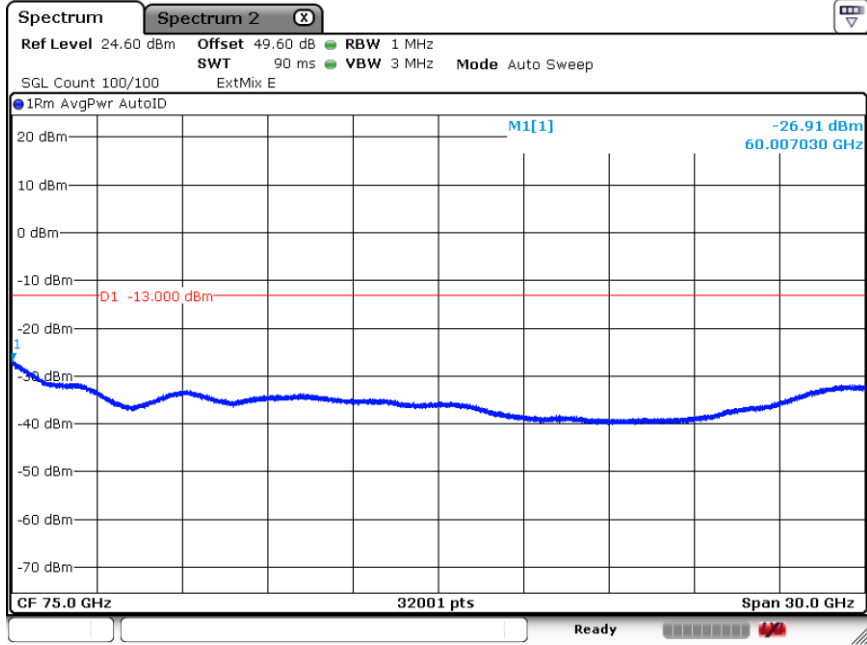
$$Offset = \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8$$

$$= 42.1 + 2.2 + 107 + 20\log(1) - 104.8 = 46.5 \text{ (dB)}$$



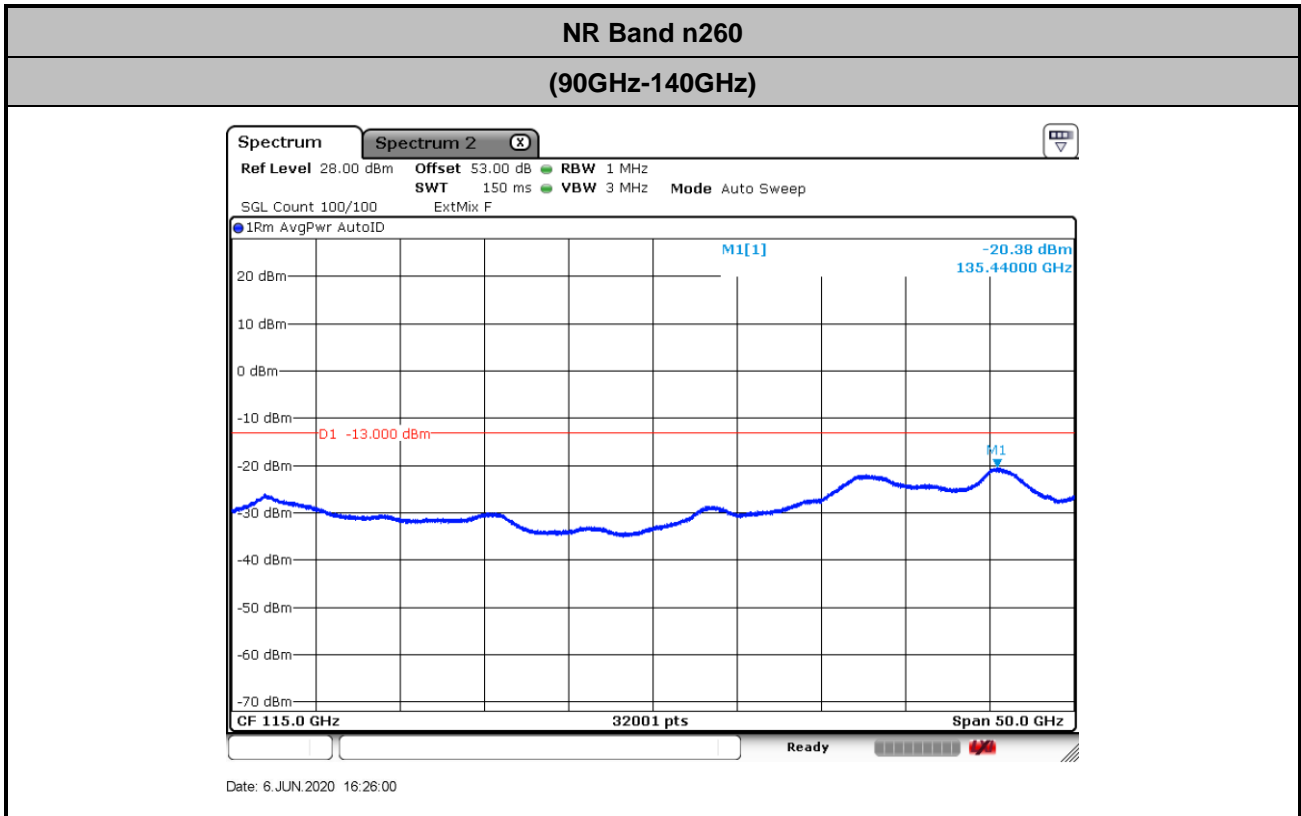
NR Band n260

(60GHz-90GHz)



Date: 6 JUN.2020 16:20:00

$$\begin{aligned} \text{Offset} &= \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 \\ &= 47.2 + 2.2 + 107 + 20\log(1) - 104.8 = 49.6 \text{ (dB)} \end{aligned}$$

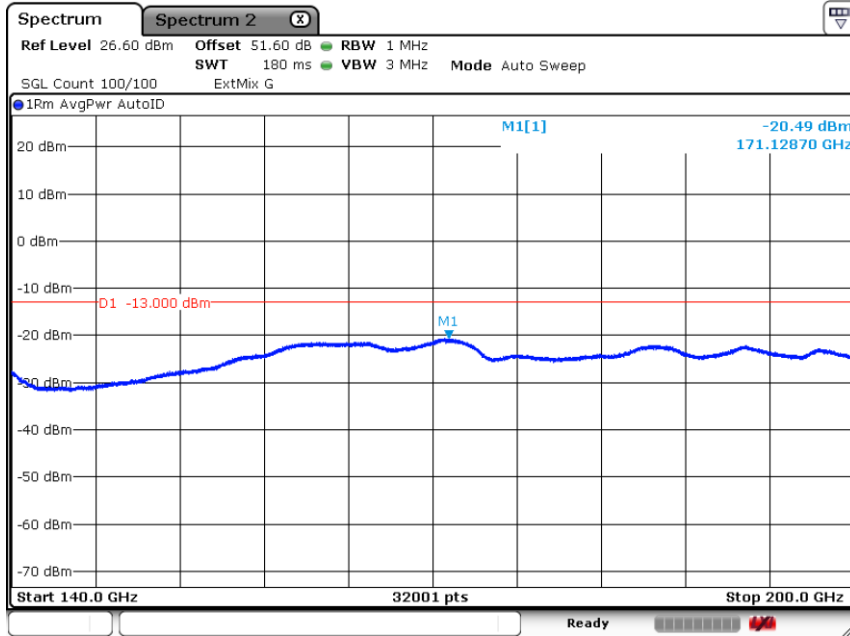


$$\begin{aligned}
 \text{Offset} &= \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 \\
 &= 48.8 + 2 + 107 + 20\log(1) - 104.8 = 53 \text{ (dB)}
 \end{aligned}$$



NR Band n260

(140GHz-200GHz)



Date: 6.JUN.2020 16:16:00

$$\text{Offset} = \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8$$

$$= 53.4 + 2 + 107 + 20\log(0.5) - 104.8 = 51.6 \text{ (dB)}$$



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	38.4999204	81.050	2.105	Pass
40	Normal Voltage	38.4999407	60.750	1.578	
30	Normal Voltage	38.5000405	-39.050	1.014	
20(Ref.)	Normal Voltage	38.5000145	0.000	0.000	
10	Normal Voltage	38.500259	-257.550	6.690	
0	Normal Voltage	38.5003357	-334.250	8.682	
-10	Normal Voltage	38.5003488	-347.350	9.022	
-20	Normal Voltage	38.500343	-341.550	8.871	
-30	Normal Voltage	38.5003401	-338.650	8.796	
20	Maximum Voltage	38.5001114	-109.950	2.856	
20	Normal Voltage	38.5001158	-114.350	2.970	
20	Battery End Point	38.5001056	-104.150	2.705	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 V.
2. The fundamental frequency emissions stay within the operation band.



NR Band n261 AGO

Occupied Bandwidth

Mode	DFT-s-OFDM Module 0 NR Band n261 : 99%OBW(MHz)								
BW	50MHz			100MHz			200MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	45.12	44.92	45.10	90.24	90.24	90.08	188.72	188.32	183.84
Middle CH	45.12	45.12	45.24	90.56	90.36	90.36	188.72	188.40	188.40
Highest CH	45.38	45.10	45.22	89.44	90.68	90.08	187.92	188.64	185.52

Mode	DFT-s-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	45.38	45.14	45.10	90.36	90.56	90.40	188.32	187.84	188.40
Middle CH	45.30	45.06	45.04	90.68	90.56	90.64	188.32	188.40	185.20
Highest CH	45.40	45.50	45.32	90.52	90.12	90.24	187.76	188.08	184.56

Mode	CP-OFDM Module 0 NR Band n261 : 99%OBW(MHz)								
BW	50MHz			100MHz			200MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	45.44	45.06	45.22	92.76	92.88	92.60	188.72	188.32	183.84
Middle CH	45.48	45.38	45.10	92.72	92.72	92.64	189.68	186.80	191.12
Highest CH	45.16	45.14	45.04	93.64	92.80	92.56	190.48	190.00	190.88

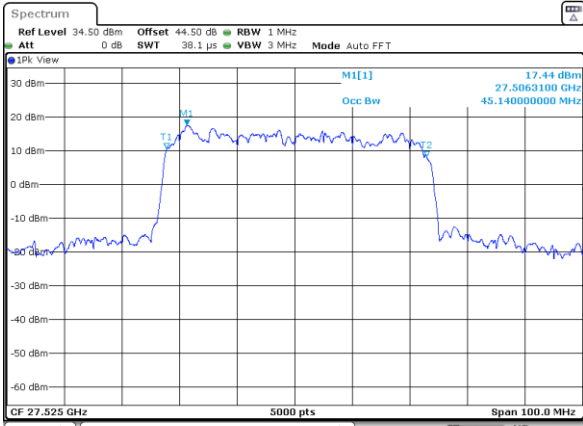
Mode	CP-OFDM Module 1 NR Band n261 : 99%OBW(MHz)								
BW	50MHz			100MHz			200MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	45.36	45.12	45.10	93.28	92.88	92.76	189.84	185.20	190.72
Middle CH	45.34	45.42	45.40	92.80	92.76	92.68	190.16	187.28	191.44
Highest CH	45.42	45.46	45.56	93.12	92.40	92.56	189.84	186.72	190.48



DFT-s-OFDM Module 0

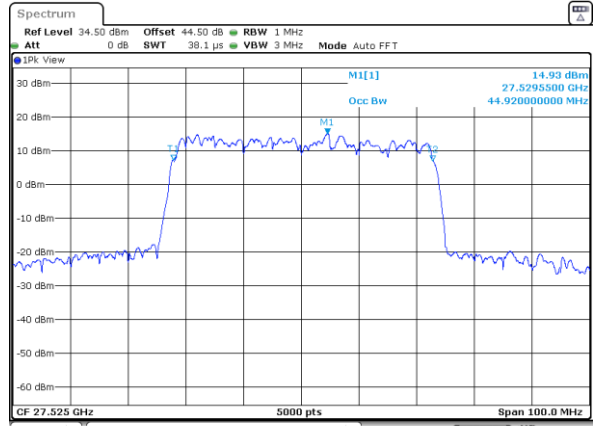
NR Band n261

Lowest Channel / 50MHz / QPSK



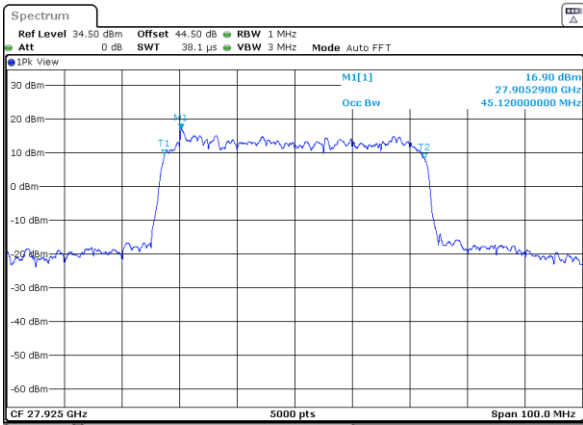
Date: 20.MAY.2020 20:32:47

Lowest Channel / 50MHz / 16QAM



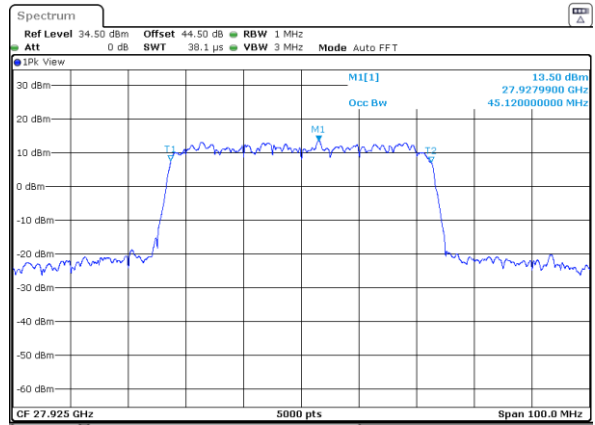
Date: 20.MAY.2020 20:32:09

Middle Channel / 50MHz / QPSK



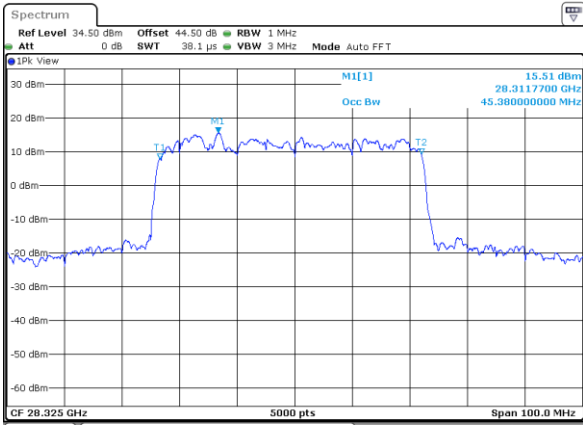
Date: 20.MAY.2020 23:00:23

Middle Channel / 50MHz / 16QAM



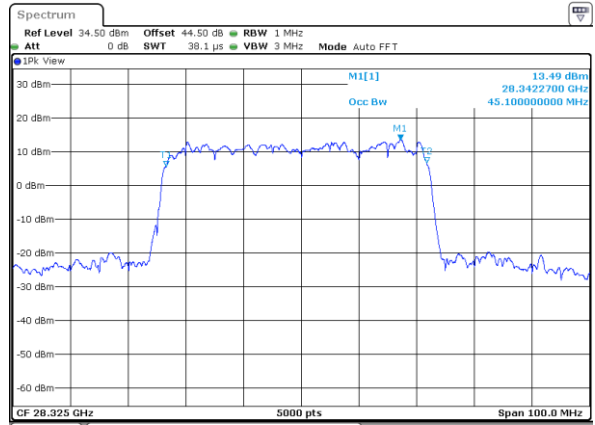
Date: 20.MAY.2020 23:03:57

Highest Channel / 50MHz / QPSK



Date: 21.MAY.2020 14:05:41

Highest Channel / 50MHz / 16QAM



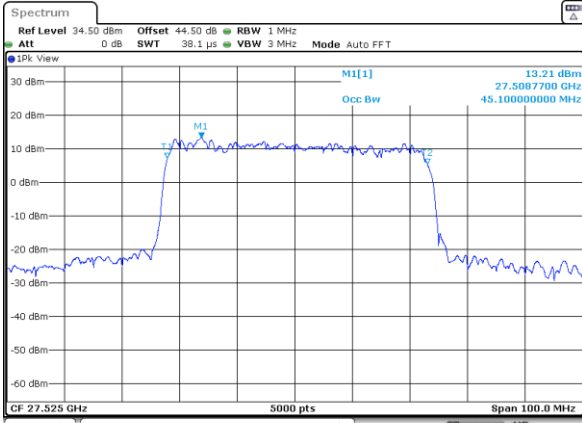
Date: 21.MAY.2020 14:07:30



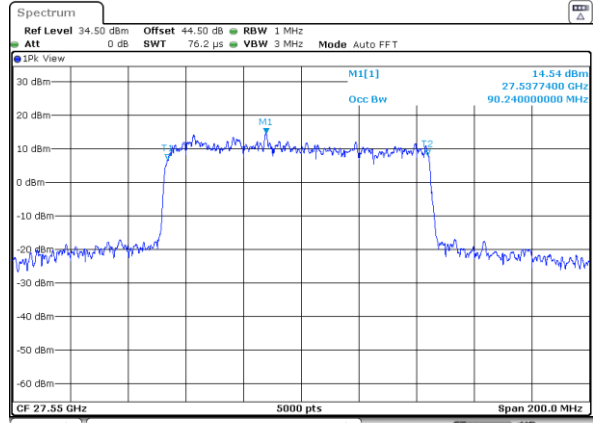
DFT-s-OFDM Module 0

NR Band n261

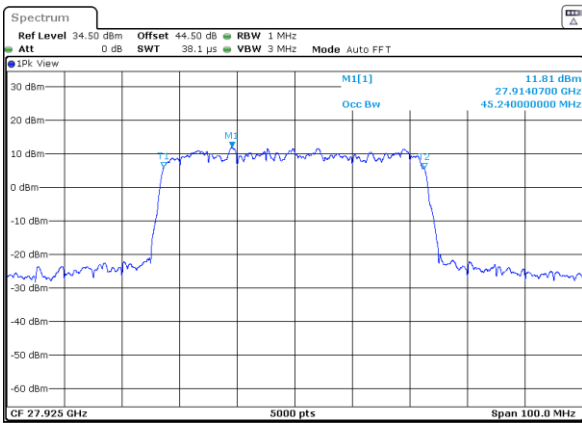
Lowest Channel / 50MHz / 64QAM



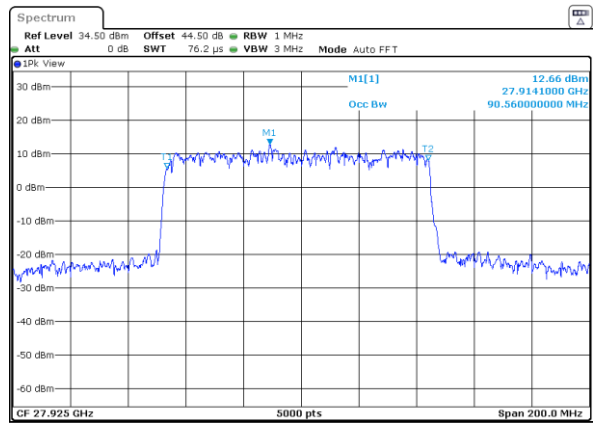
Lowest Channel / 100MHz / QPSK



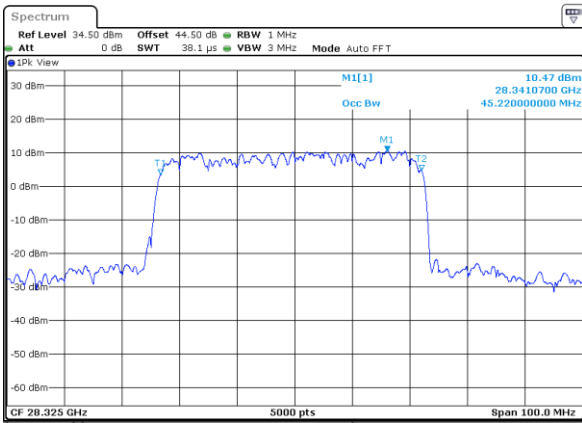
Middle Channel / 50MHz / 64QAM



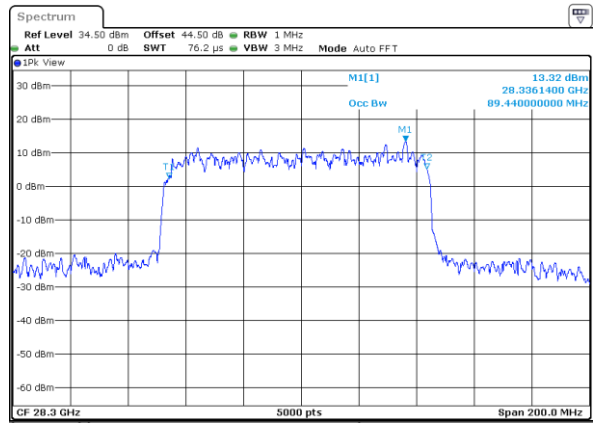
Middle Channel / 100MHz / QPSK



Highest Channel / 50MHz / 64QAM



Highest Channel / 100MHz / QPSK

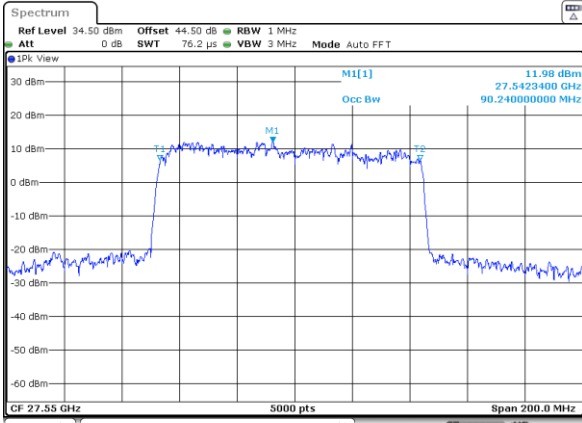




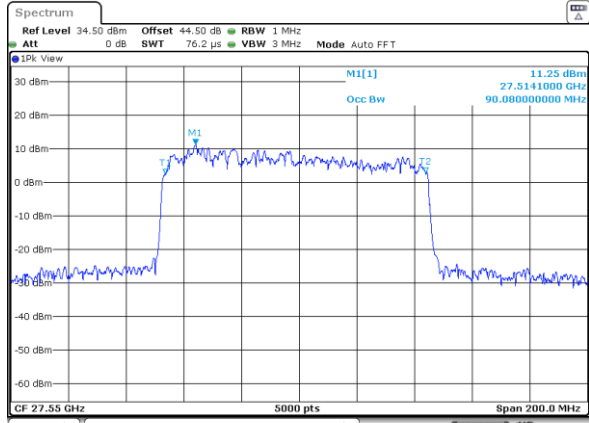
DFT-s-OFDM Module 0

NR Band n261

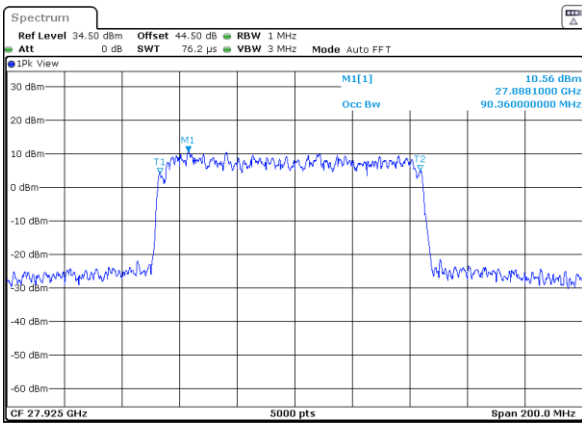
Lowest Channel / 100MHz / 16QAM



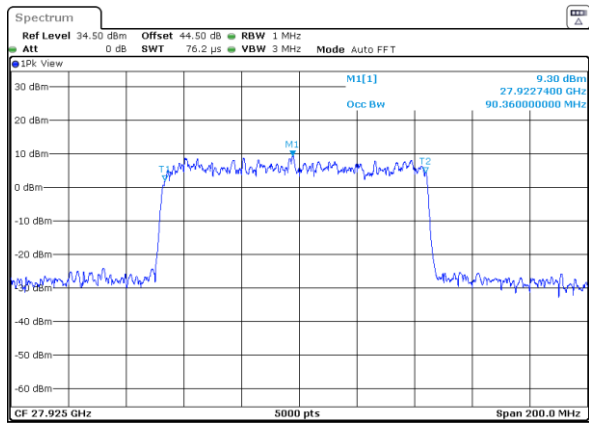
Lowest Channel / 100MHz / 64QAM



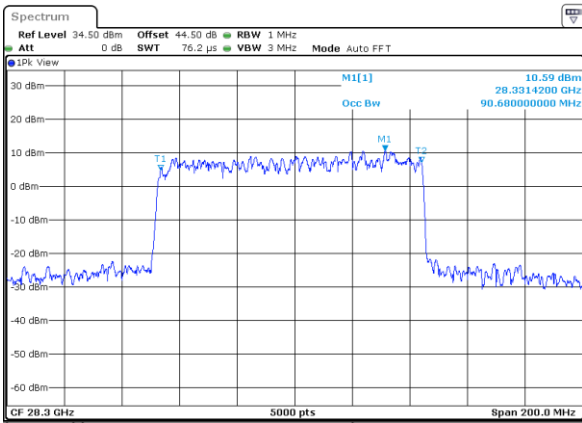
Middle Channel / 100MHz / 16QAM



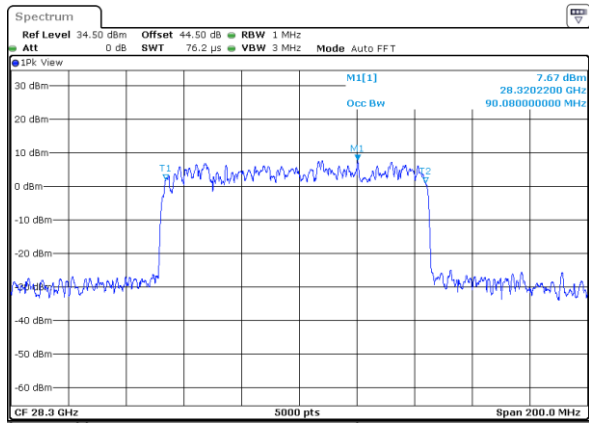
Middle Channel / 100MHz / 64QAM



Highest Channel / 100MHz / 16QAM



Highest Channel / 100MHz / 64QAM

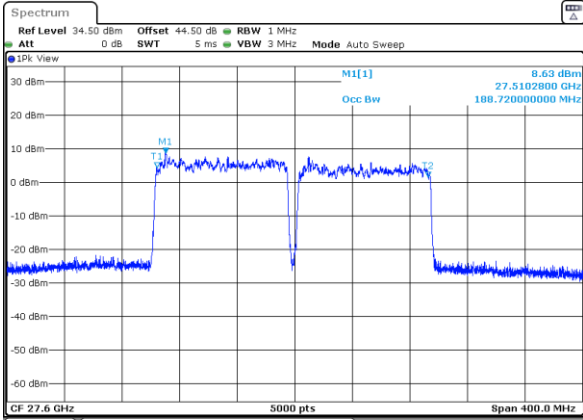




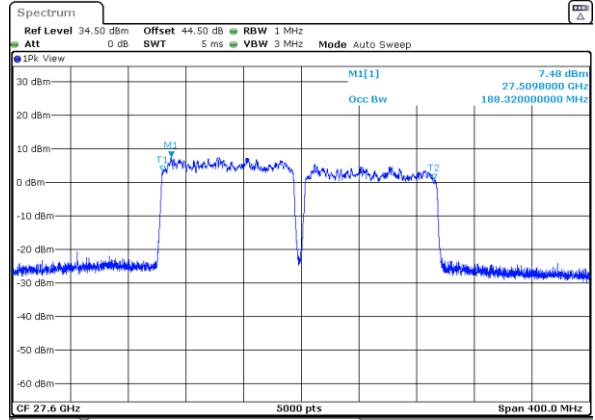
DFT-s-OFDM Module 0

NR Band n261

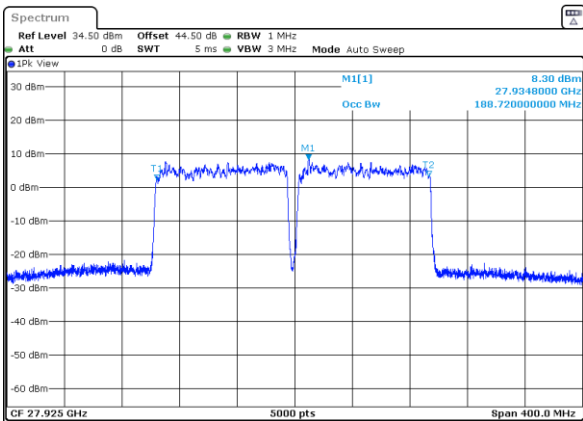
Lowest Channel / 200MHz / QPSK



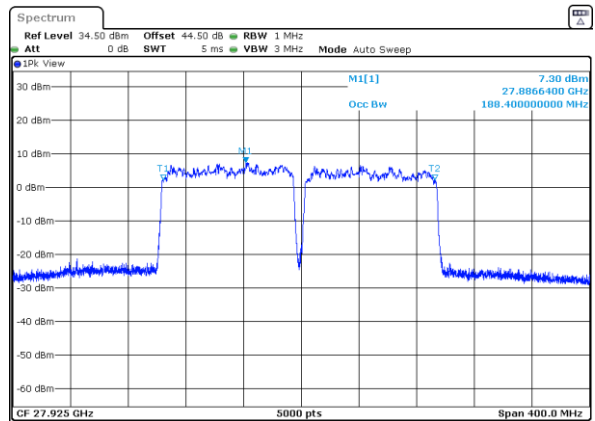
Lowest Channel / 200MHz / 16QAM



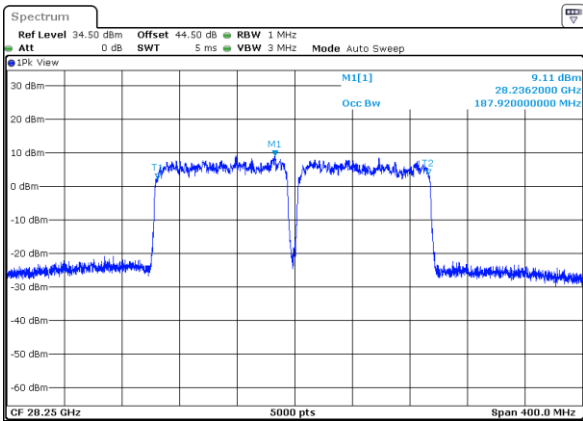
Middle Channel / 200MHz / QPSK



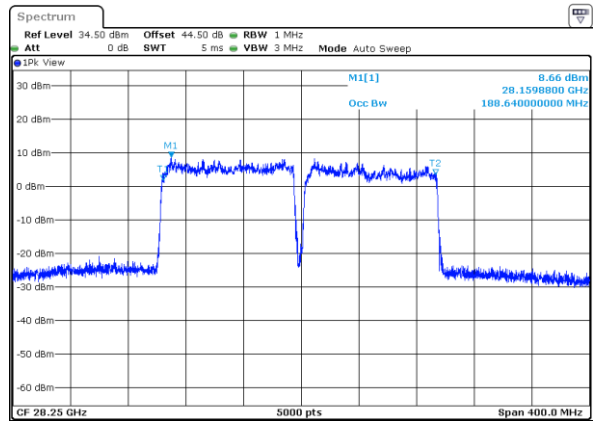
Middle Channel / 200MHz / 16QAM



Highest Channel / 200MHz / QPSK



Highest Channel / 200MHz / 16QAM





DFT-s-OFDM Module 0

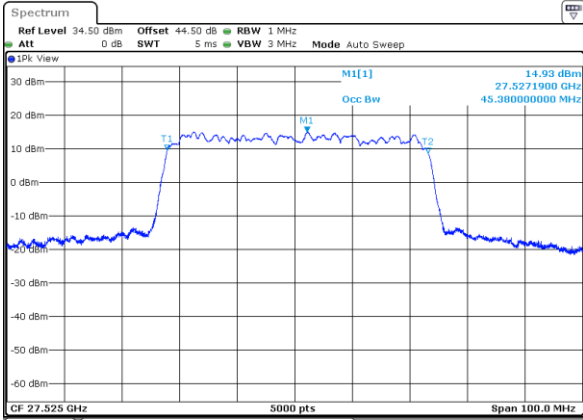
NR Band n261	
<p>Lowest Channel / 200MHz / 64QAM</p> <p>Ref Level 34.50 dBm Offset 44.50 dB RBW 1 MHz Att 0 dB SWT 5 ms VBW 3 MHz Mode Auto Sweep</p> <p>M1[1] 8.08 dBm 27.5146000 GHz Occ Bw 183.840000000 MHz</p> <p>CF 27.6 GHz 5000 pts Span 400.0 MHz</p> <p>Date: 22_MAY_2020 20:02:22</p>	<p>intentionally blank</p>
<p>Middle Channel / 200MHz / 64QAM</p> <p>Ref Level 34.50 dBm Offset 44.50 dB RBW 1 MHz Att 0 dB SWT 5 ms VBW 3 MHz Mode Auto Sweep</p> <p>M1[1] 4.39 dBm 27.9388000 GHz Occ Bw 188.400000000 MHz</p> <p>CF 27.925 GHz 5000 pts Span 400.0 MHz</p> <p>Date: 22_MAY_2020 20:59:31</p>	<p>intentionally blank</p>
<p>Highest Channel / 200MHz / 64QAM</p> <p>Ref Level 34.50 dBm Offset 44.50 dB RBW 1 MHz Att 0 dB SWT 5 ms VBW 3 MHz Mode Auto Sweep</p> <p>M1[1] 8.12 dBm 28.2374800 GHz Occ Bw 185.520000000 MHz</p> <p>CF 28.25 GHz 5000 pts Span 400.0 MHz</p> <p>Date: 23_MAY_2020 08:55:55</p>	<p>intentionally blank</p>



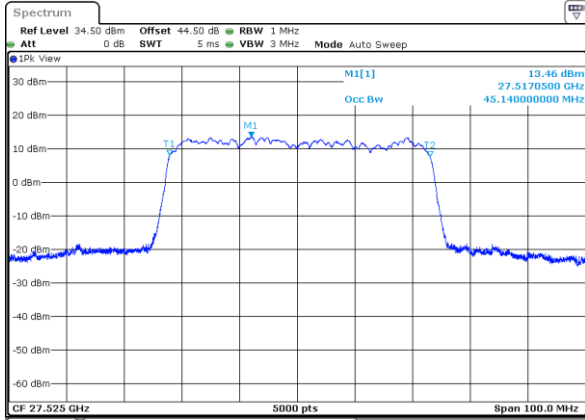
DFT-s-OFDM Module 1

NR Band n261

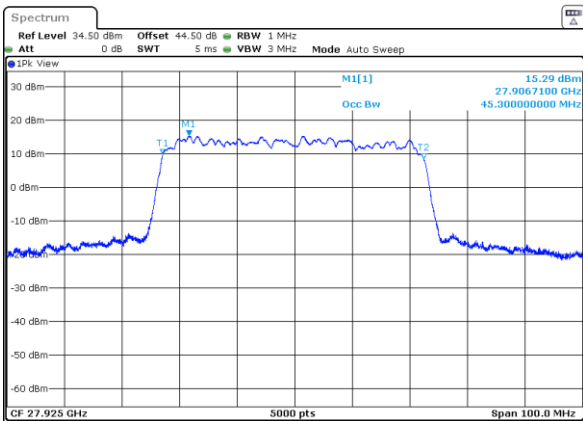
Lowest Channel / 50MHz / QPSK



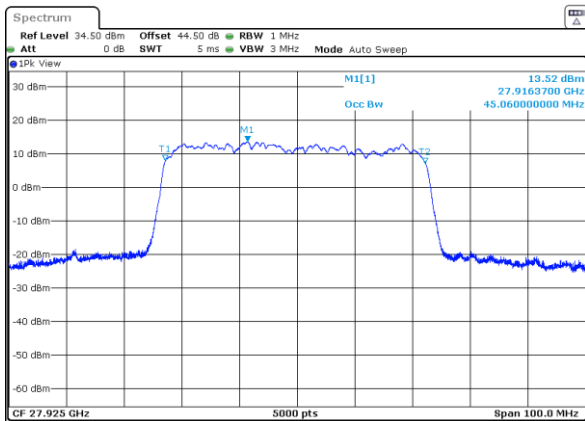
Lowest Channel / 50MHz / 16QAM



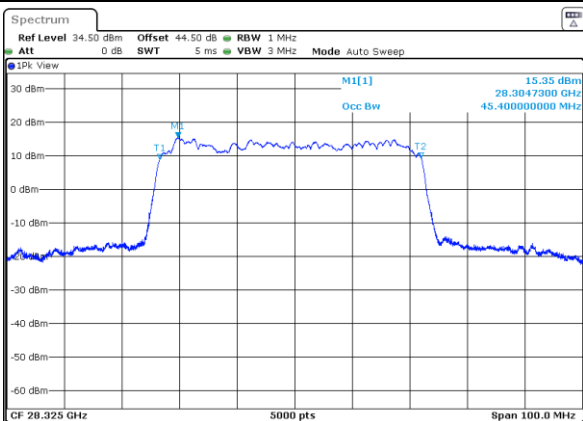
Middle Channel / 50MHz / QPSK



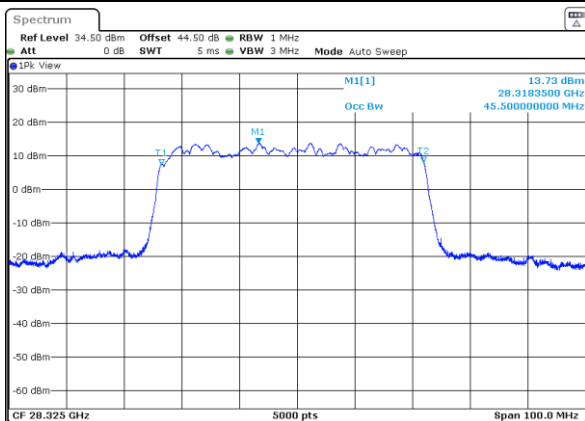
Middle Channel / 50MHz / 16QAM



Highest Channel / 50MHz / QPSK



Highest Channel / 50MHz / 16QAM

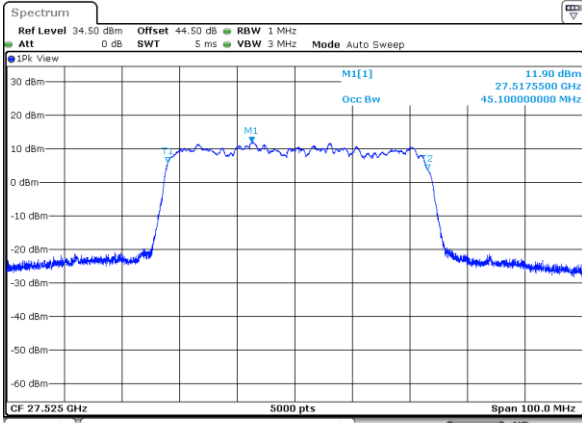




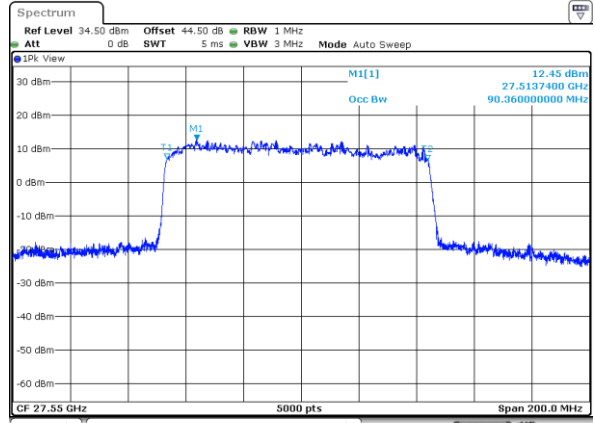
DFT-s-OFDM Module 1

NR Band n261

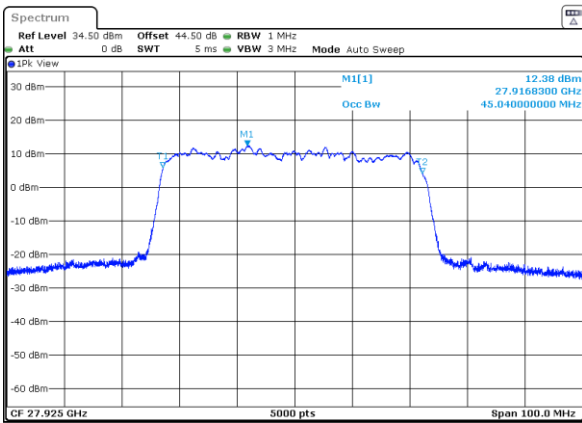
Lowest Channel / 50MHz / 64QAM



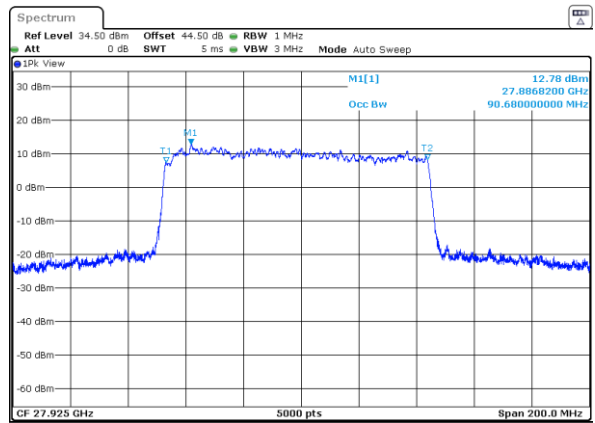
Lowest Channel / 100MHz / QPSK



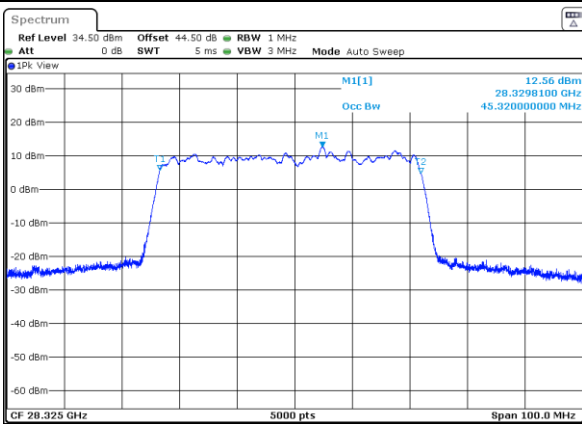
Middle Channel / 50MHz / 64QAM



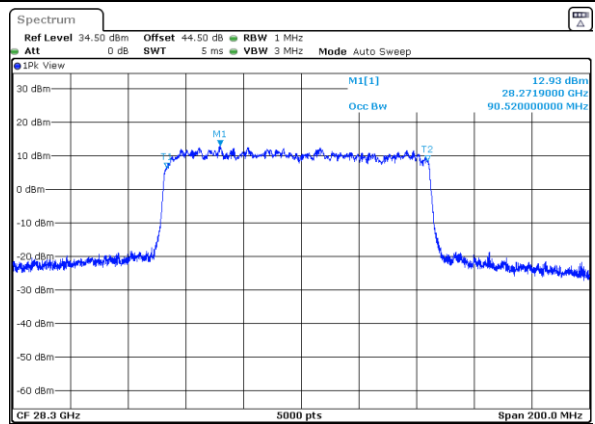
Middle Channel / 100MHz / QPSK



Highest Channel / 50MHz / 64QAM



Highest Channel / 100MHz / QPSK

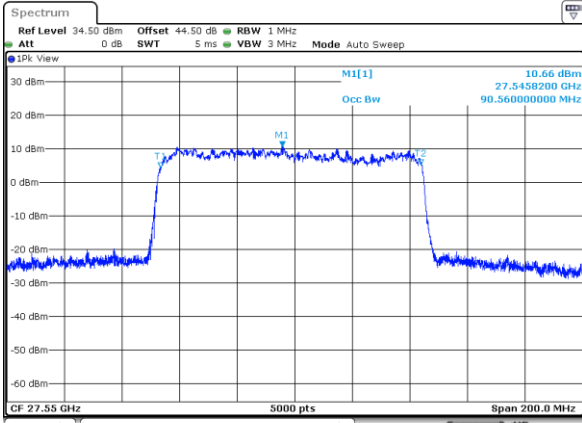




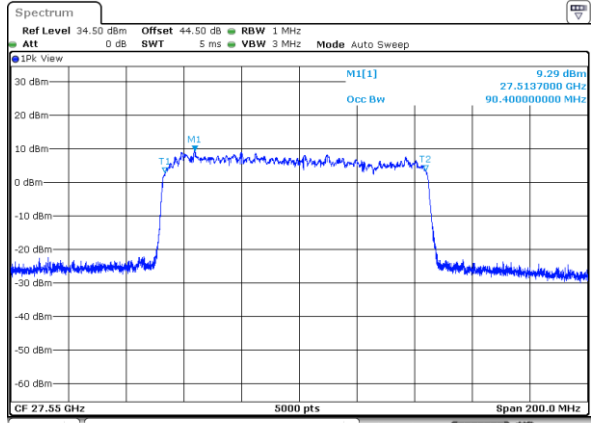
DFT-s-OFDM Module 1

NR Band n261

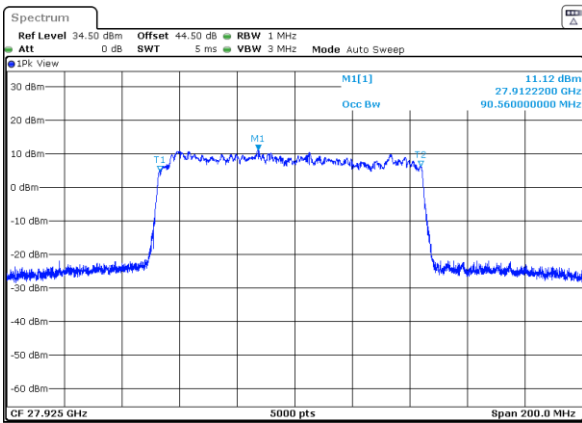
Lowest Channel / 100MHz / 16QAM



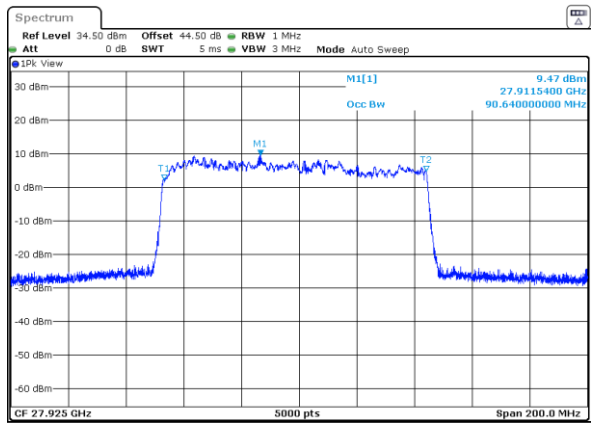
Lowest Channel / 100MHz / 64QAM



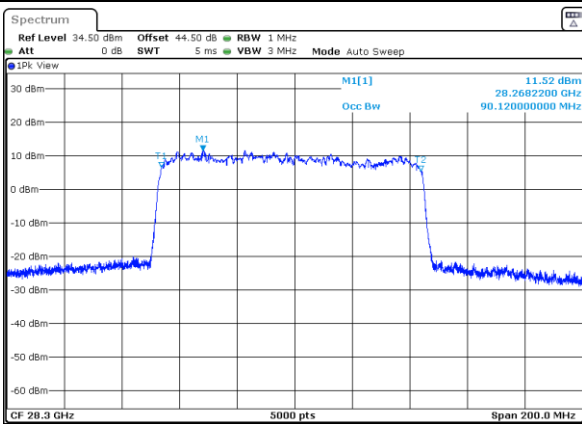
Middle Channel / 100MHz / 16QAM



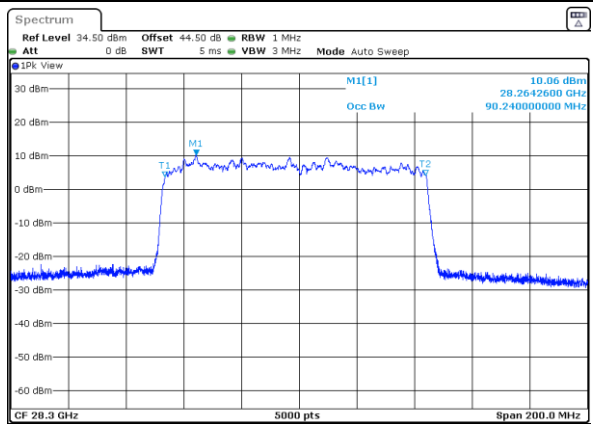
Middle Channel / 100MHz / 64QAM



Highest Channel / 100MHz / 16QAM



Highest Channel / 100MHz / 64QAM

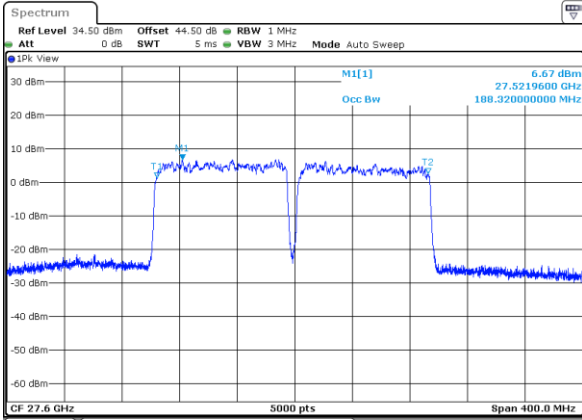




DFT-s-OFDM Module 1

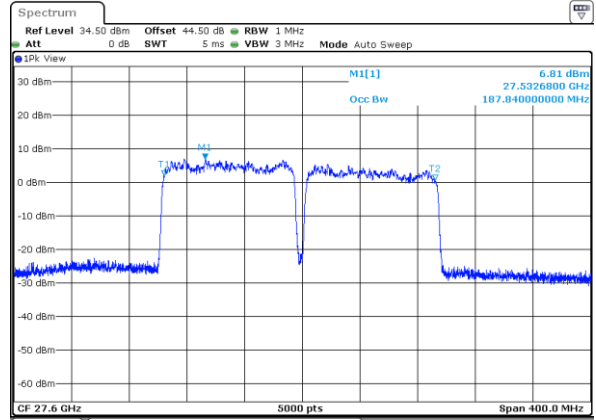
NR Band n261

Lowest Channel / 200MHz / QPSK



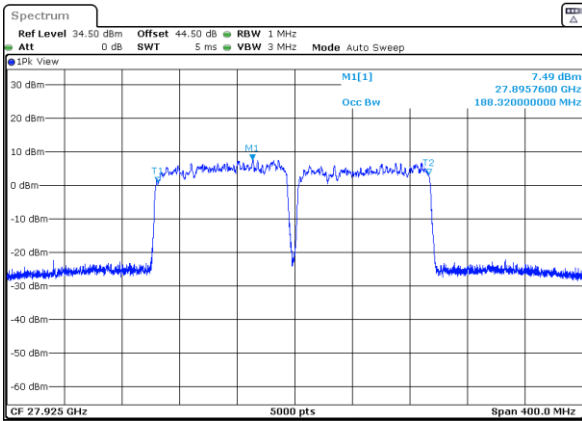
Date: 27_MAY.2020 18:48:03

Lowest Channel / 200MHz / 16QAM



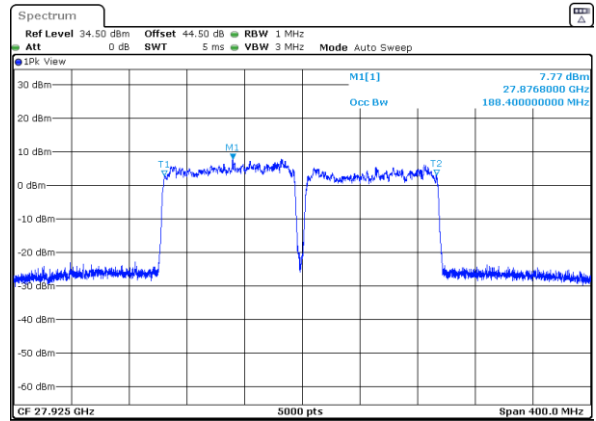
Date: 27_MAY.2020 18:50:08

Middle Channel / 200MHz / QPSK



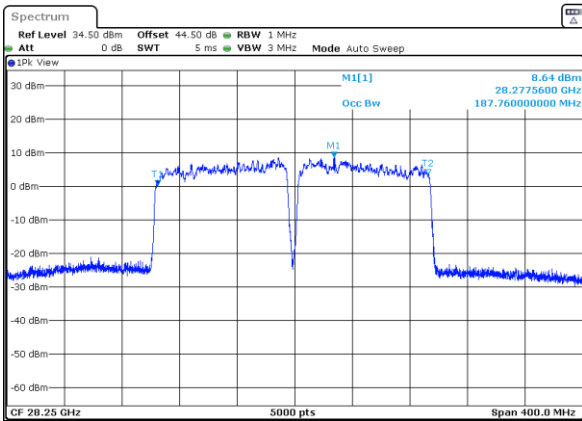
Date: 27_MAY.2020 19:54:28

Middle Channel / 200MHz / 16QAM



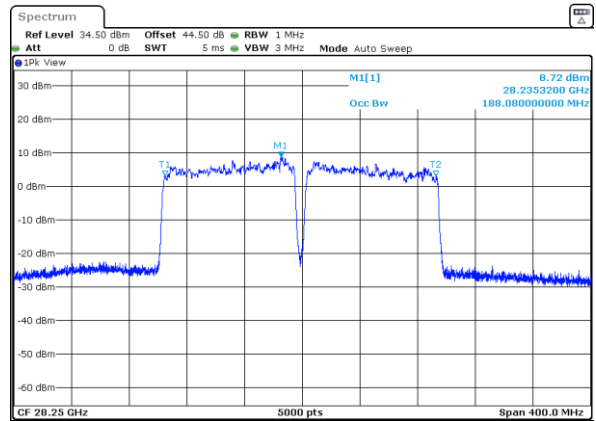
Date: 27_MAY.2020 19:58:49

Highest Channel / 200MHz / QPSK



Date: 27_MAY.2020 20:48:36

Highest Channel / 200MHz / 16QAM



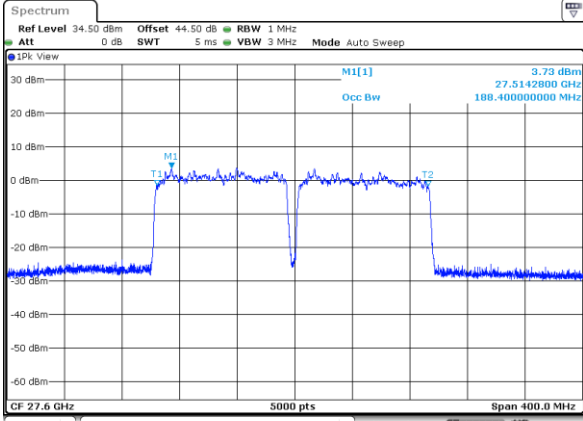
Date: 27_MAY.2020 20:46:58



DFT-s-OFDM Module 1

NR Band n261

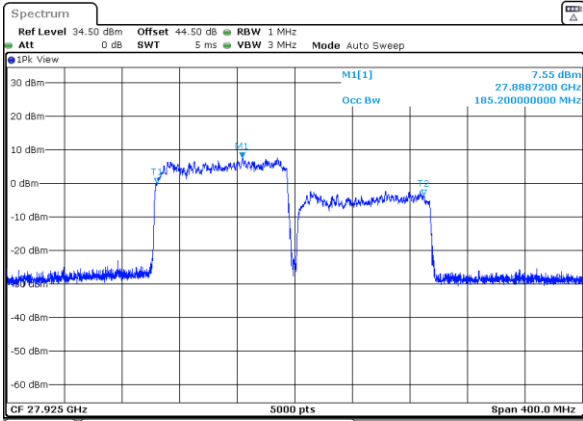
Lowest Channel / 200MHz / 64QAM



Date: 27_MAY_2020 18:53:23

intentionally blank

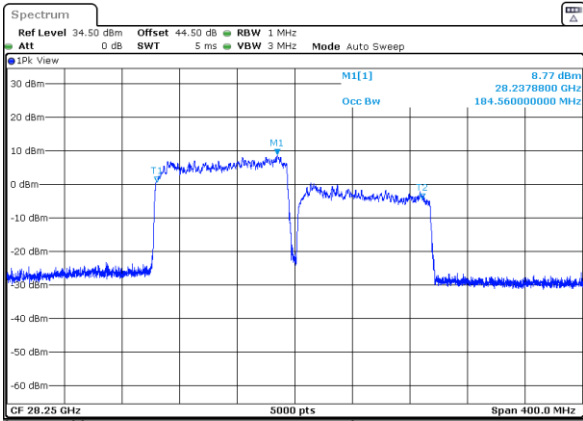
Middle Channel / 200MHz / 64QAM



Date: 27_MAY_2020 19:57:29

intentionally blank

Highest Channel / 200MHz / 64QAM



Date: 27_MAY_2020 20:43:20

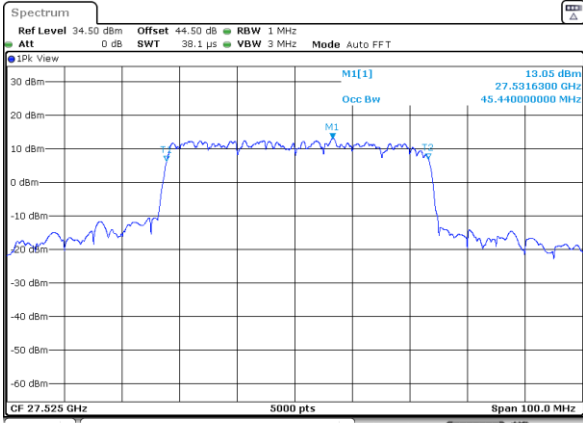
intentionally blank



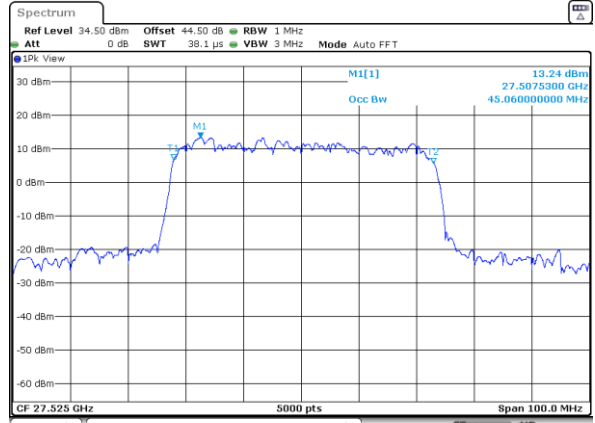
CP-OFDM Module 0

NR Band n261

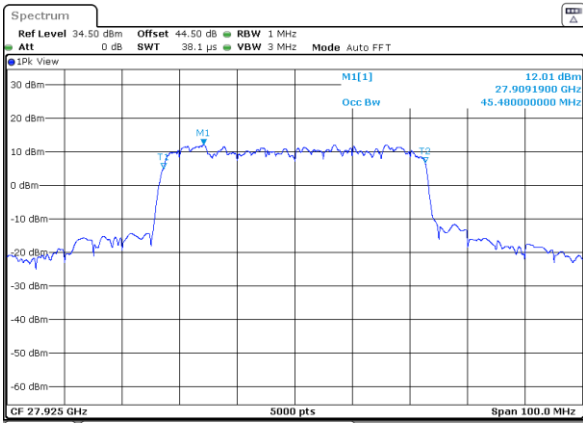
Lowest Channel / 50MHz / QPSK



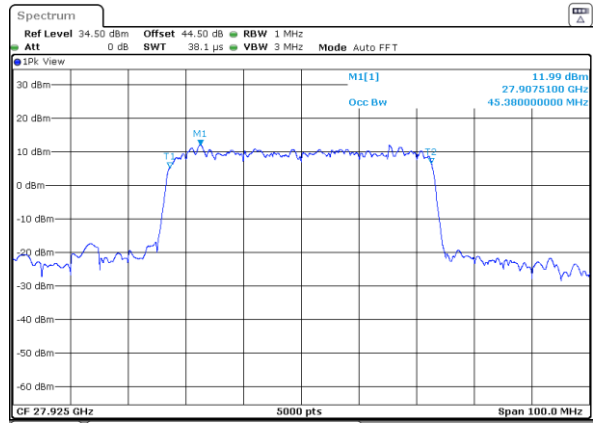
Lowest Channel / 50MHz / 16QAM



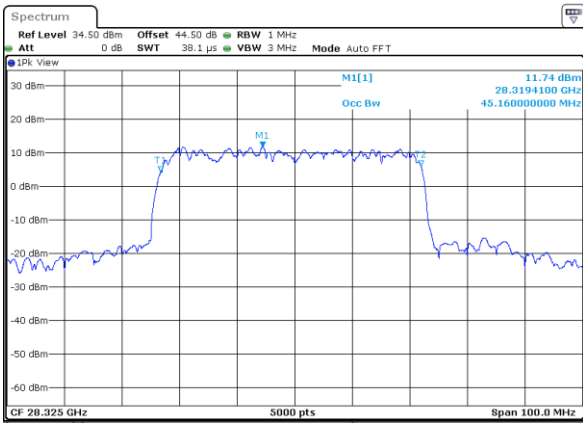
Middle Channel / 50MHz / QPSK



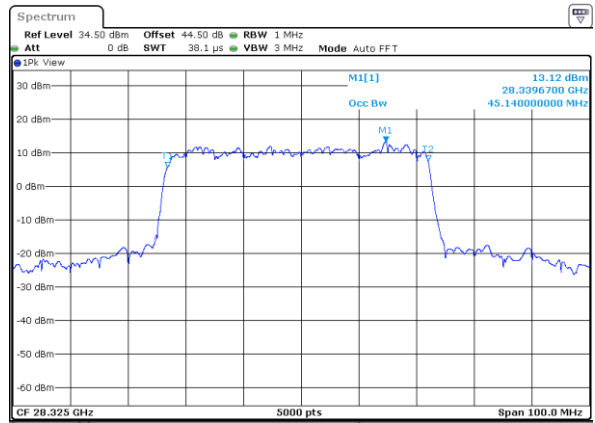
Middle Channel / 50MHz / 16QAM



Highest Channel / 50MHz / QPSK



Highest Channel / 50MHz / 16QAM

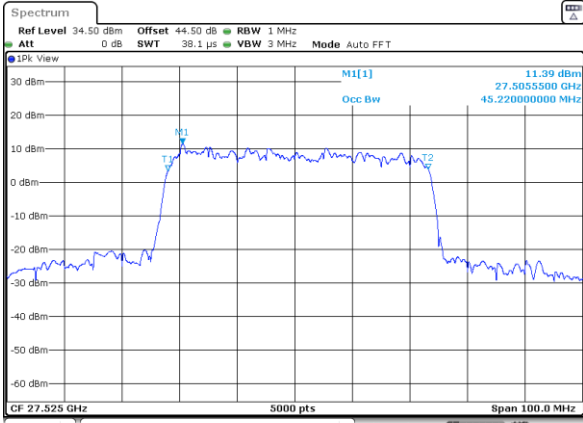




CP-OFDM Module 0

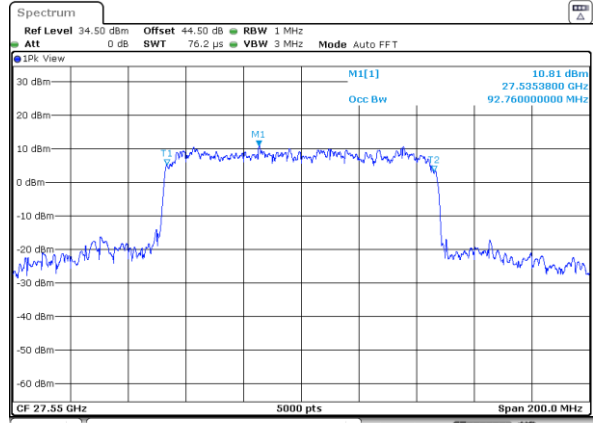
NR Band n261

Lowest Channel / 50MHz / 64QAM



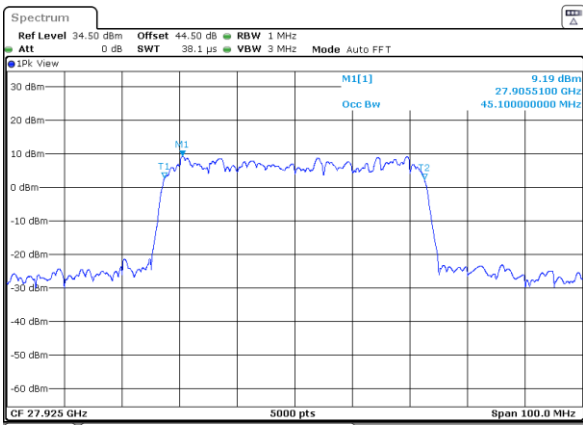
Date: 20_MAY.2020 20:15:32

Lowest Channel / 100MHz / QPSK



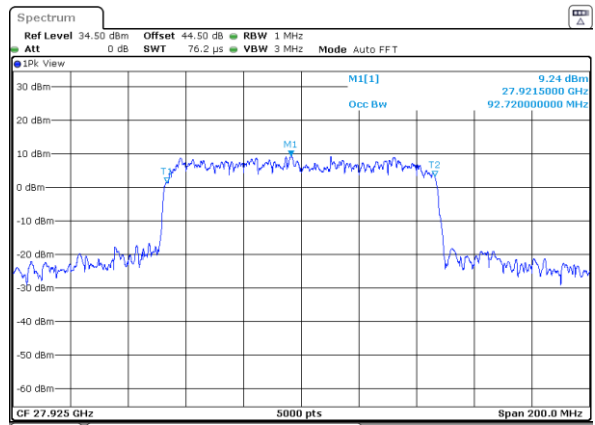
Date: 20_MAY.2020 21:53:09

Middle Channel / 50MHz / 64QAM



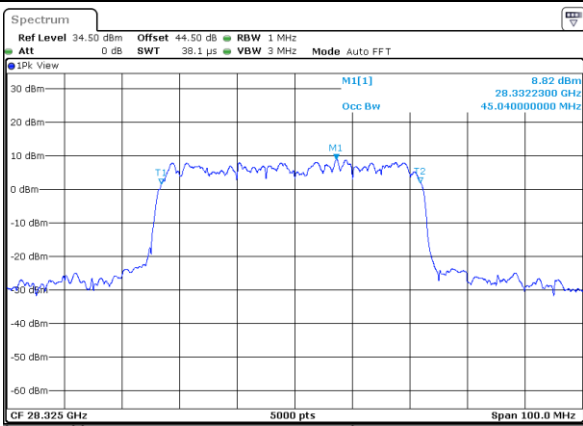
Date: 20_MAY.2020 23:48:05

Middle Channel / 100MHz / QPSK



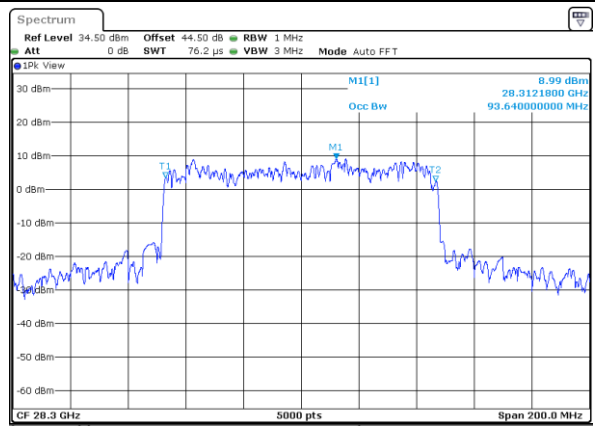
Date: 21_MAY.2020 01:00:40

Highest Channel / 50MHz / 64QAM



Date: 21_MAY.2020 16:12:48

Highest Channel / 100MHz / QPSK



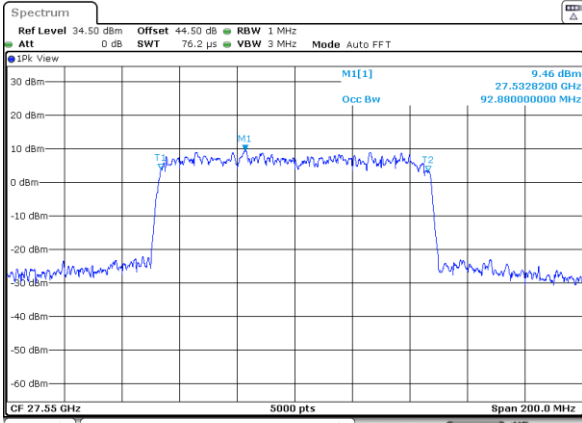
Date: 21_MAY.2020 17:37:57



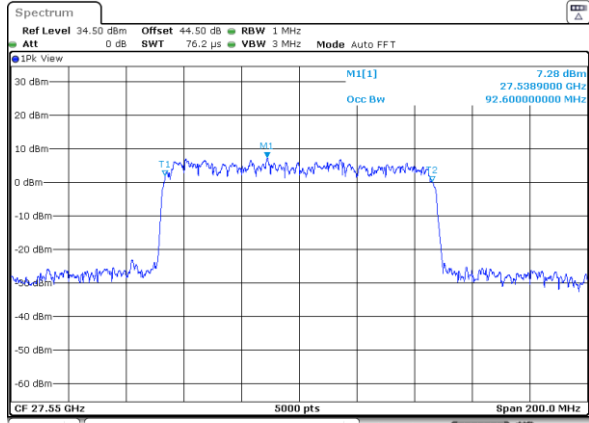
CP-OFDM Module 0

NR Band n261

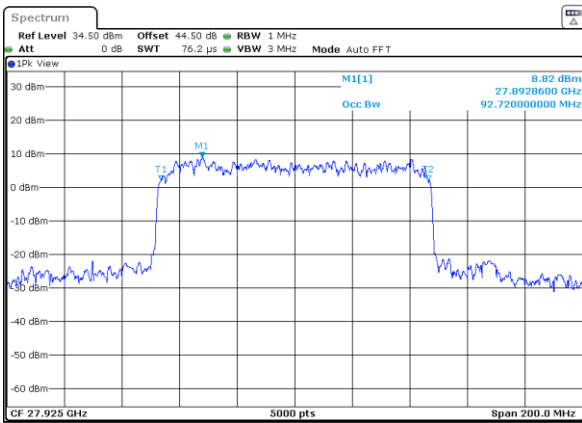
Lowest Channel / 100MHz / 16QAM



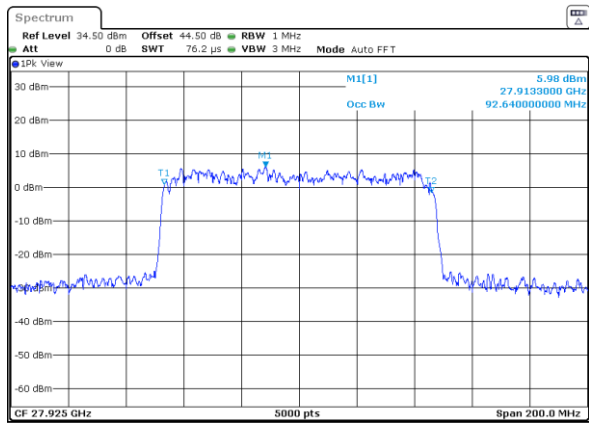
Lowest Channel / 100MHz / 64QAM



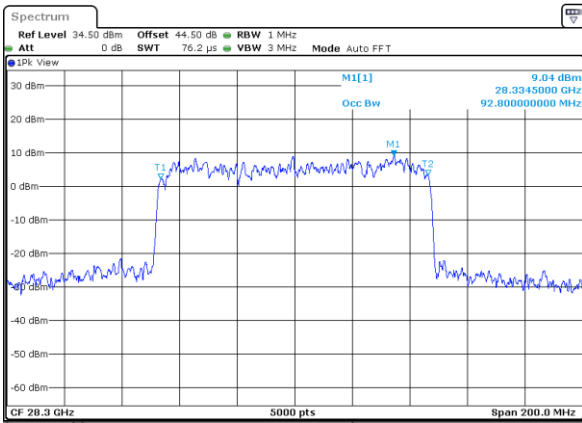
Middle Channel / 100MHz / 16QAM



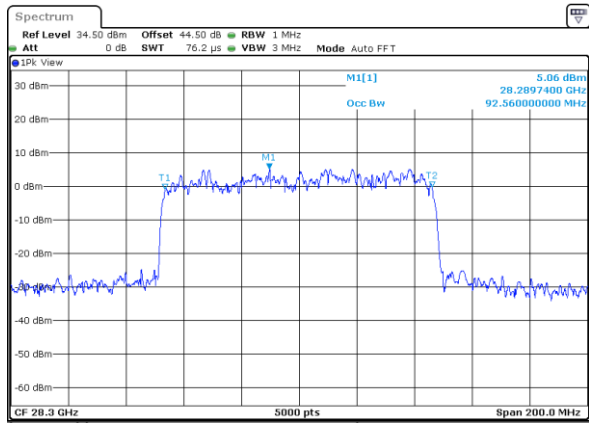
Middle Channel / 100MHz / 64QAM



Highest Channel / 100MHz / 16QAM



Highest Channel / 100MHz / 64QAM

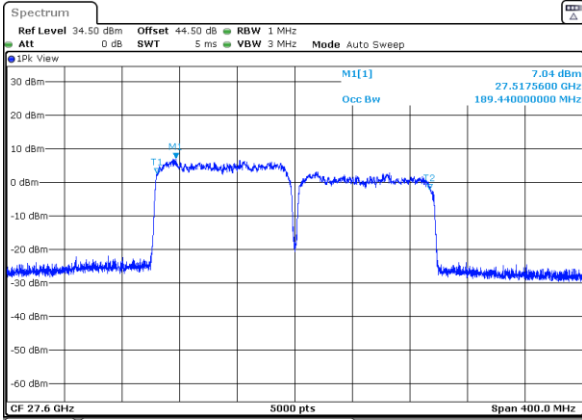




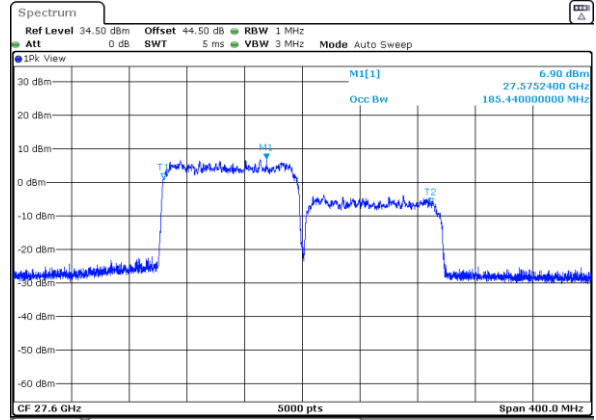
CP-OFDM Module 0

NR Band n261

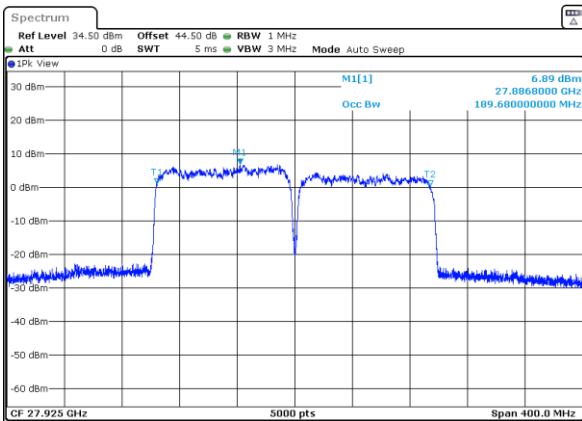
Lowest Channel / 200MHz / QPSK



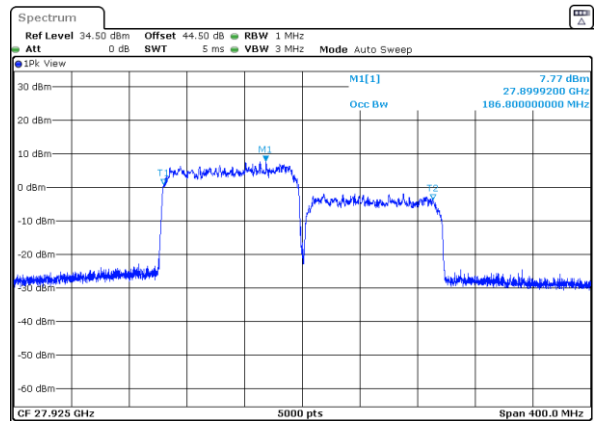
Lowest Channel / 200MHz / 16QAM



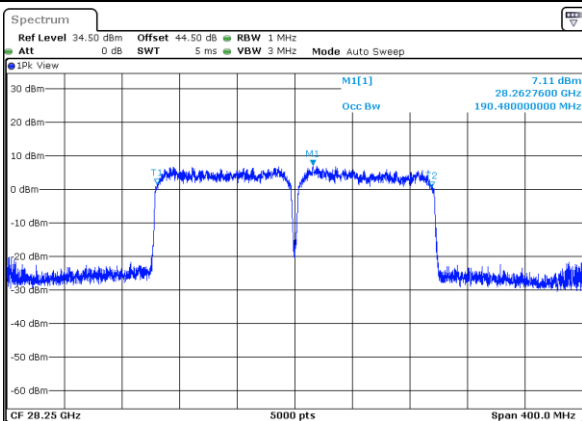
Middle Channel / 200MHz / QPSK



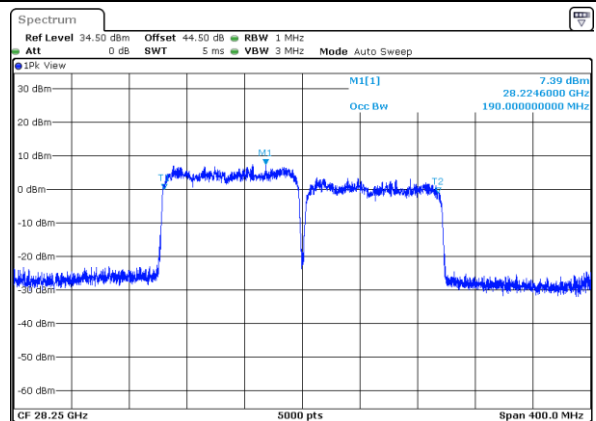
Middle Channel / 200MHz / 16QAM



Highest Channel / 200MHz / QPSK



Highest Channel / 200MHz / 16QAM





CP-OFDM Module 0

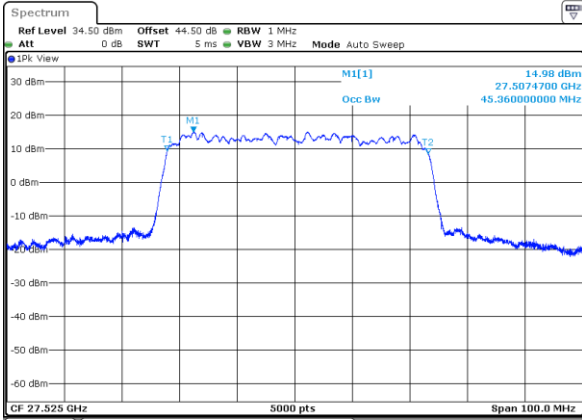
NR Band n261	
<p>Lowest Channel / 200MHz / 64QAM</p> <p>Spectrum Ref Level 34.50 dBm Offset 44.50 dB RBW 1 MHz Att 0 dB SWT 5 ms VBW 3 MHz Mode Auto Sweep IPK View M1[1] 2.48 dBm 27.5298000 GHz Occ Bw 190.960000000 MHz CF 27.5 GHz 5000 pts Span 400.0 MHz Date: 22_MAY_2020 20:07:15</p>	<p>intentionally blank</p>
<p>Middle Channel / 200MHz / 64QAM</p> <p>Spectrum Ref Level 34.50 dBm Offset 44.50 dB RBW 1 MHz Att 0 dB SWT 5 ms VBW 3 MHz Mode Auto Sweep IPK View M1[1] 3.00 dBm 27.8884800 GHz Occ Bw 191.120000000 MHz CF 27.925 GHz 5000 pts Span 400.0 MHz Date: 22_MAY_2020 21:05:48</p>	<p>intentionally blank</p>
<p>Highest Channel / 200MHz / 64QAM</p> <p>Spectrum Ref Level 34.50 dBm Offset 44.50 dB RBW 1 MHz Att 0 dB SWT 5 ms VBW 3 MHz Mode Auto Sweep IPK View M1[1] 1.84 dBm 28.2648400 GHz Occ Bw 190.880000000 MHz CF 28.25 GHz 5000 pts Span 400.0 MHz Date: 23_MAY_2020 11:08:33</p>	<p>intentionally blank</p>



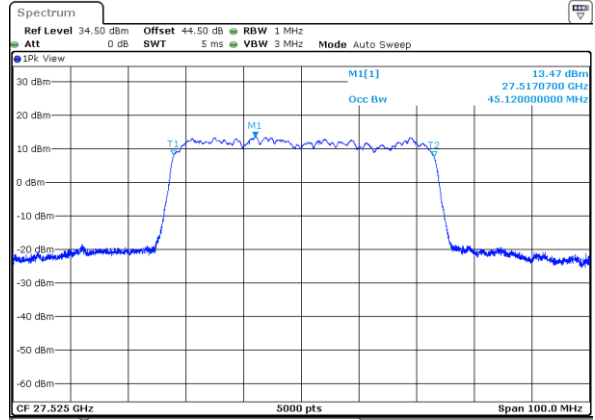
CP-OFDM Module 1

NR Band n261

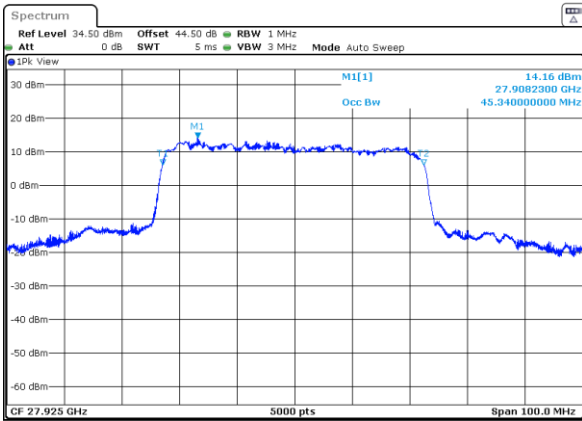
Lowest Channel / 50MHz / QPSK



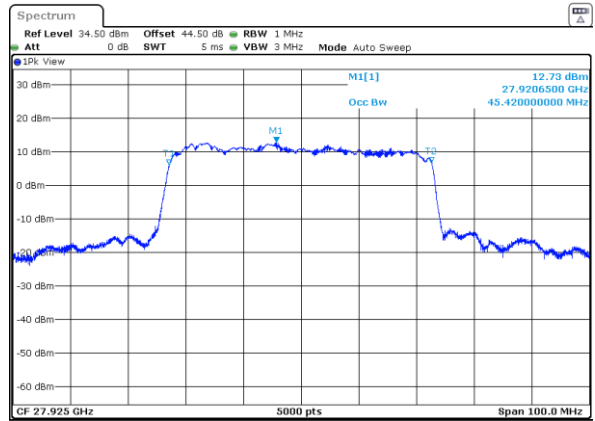
Lowest Channel / 50MHz / 16QAM



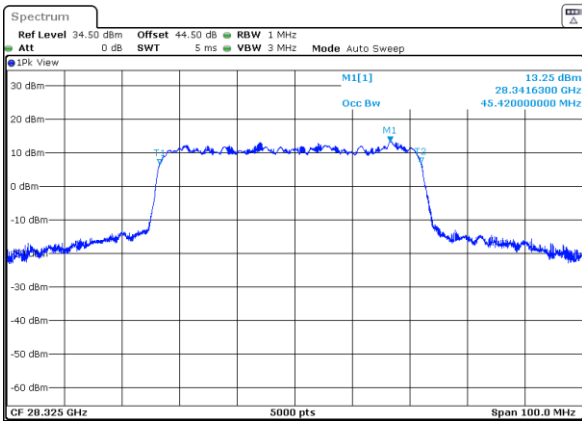
Middle Channel / 50MHz / QPSK



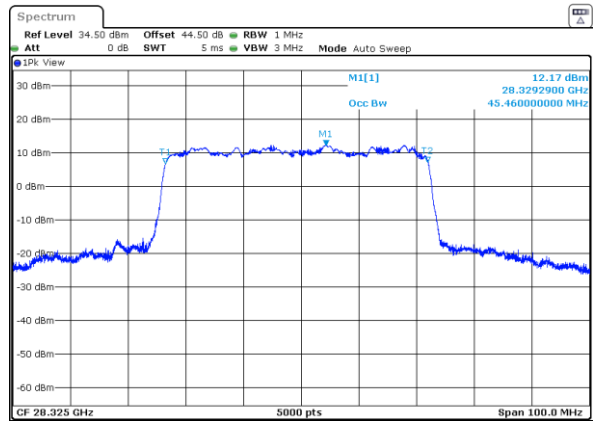
Middle Channel / 50MHz / 16QAM



Highest Channel / 50MHz / QPSK



Highest Channel / 50MHz / 16QAM

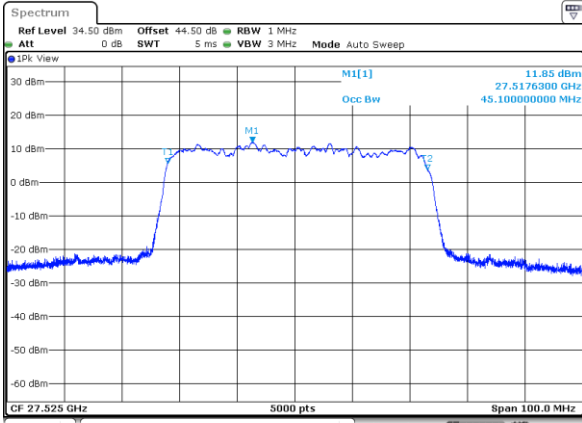




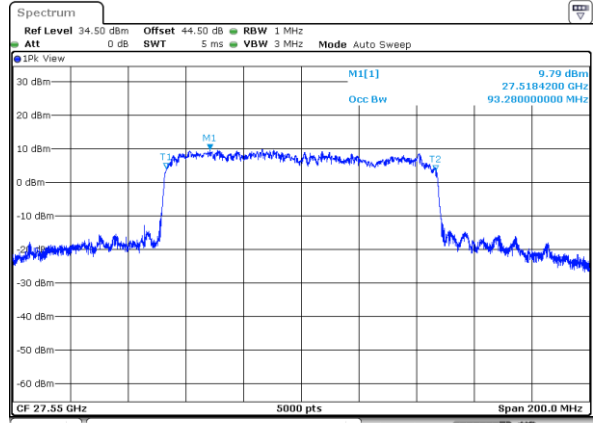
CP-OFDM Module 1

NR Band n261

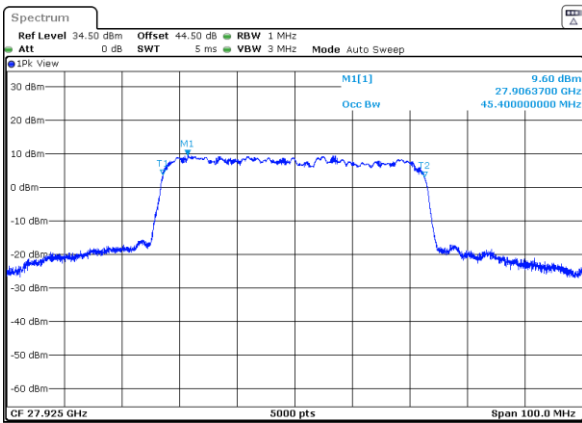
Lowest Channel / 50MHz / 64QAM



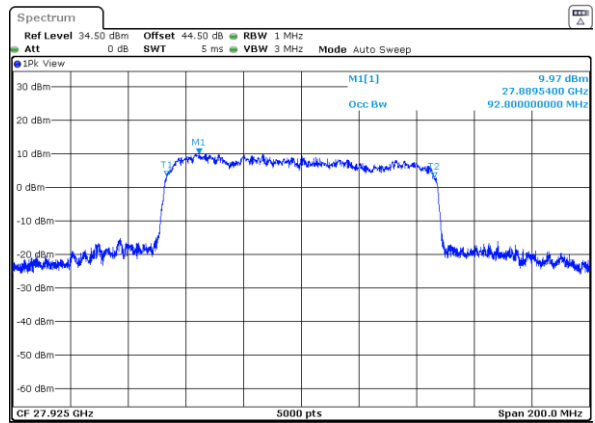
Lowest Channel / 100MHz / QPSK



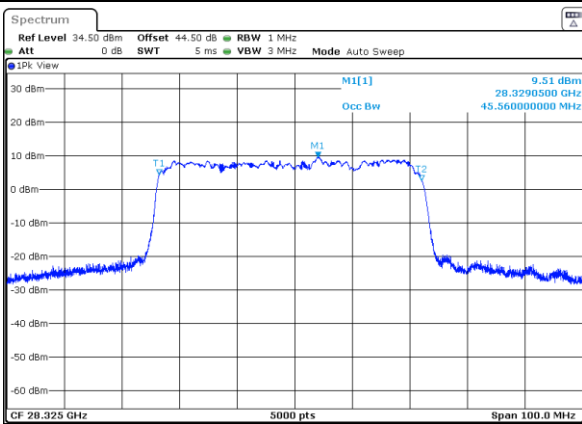
Middle Channel / 50MHz / 64QAM



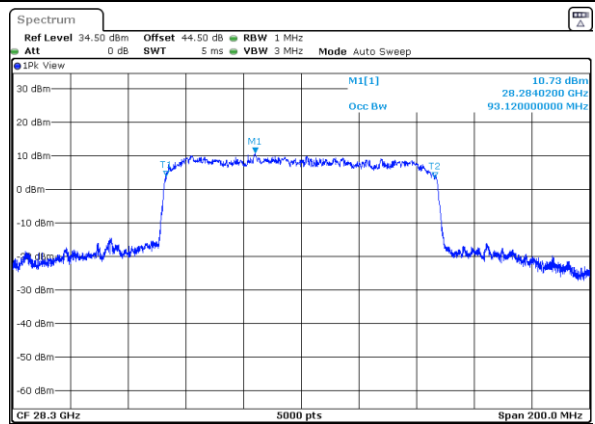
Middle Channel / 100MHz / QPSK



Highest Channel / 50MHz / 64QAM



Highest Channel / 100MHz / QPSK

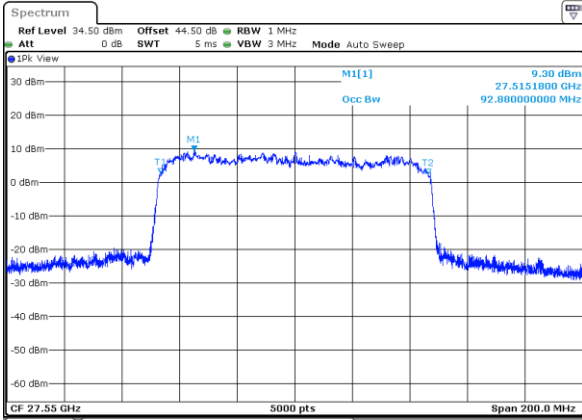




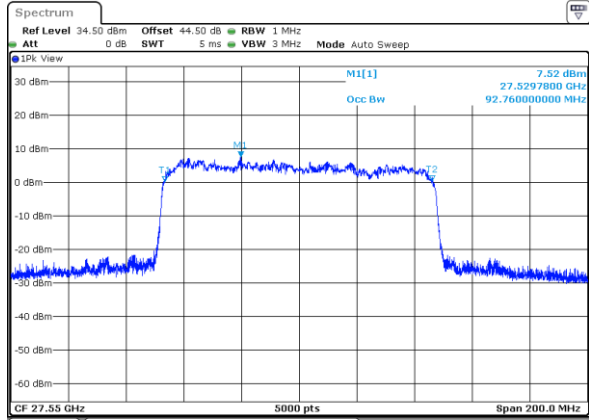
CP-OFDM Module 1

NR Band n261

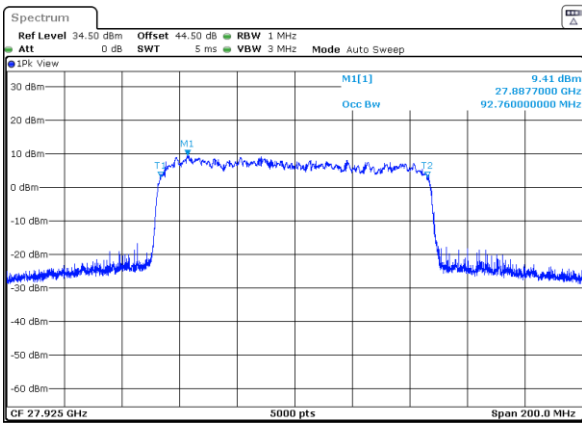
Lowest Channel / 100MHz / 16QAM



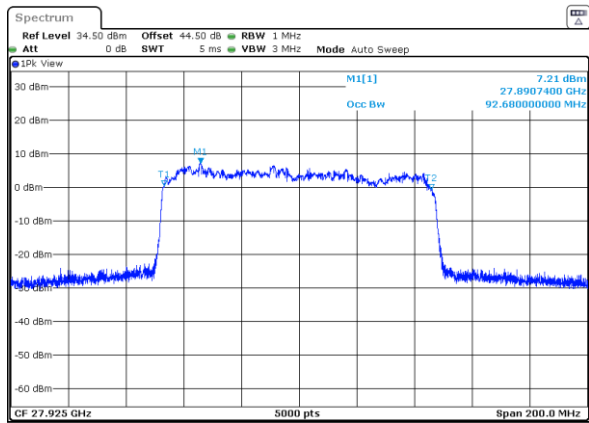
Lowest Channel / 100MHz / 64QAM



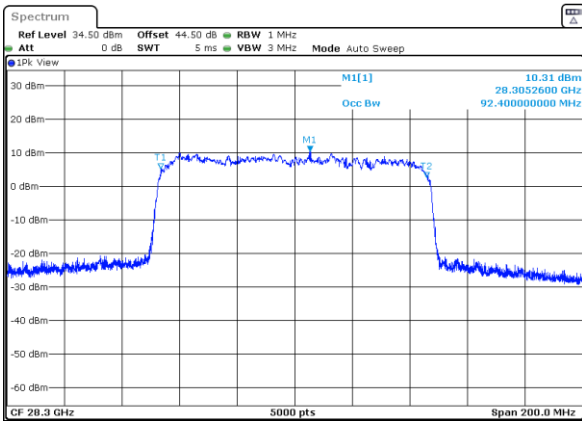
Middle Channel / 100MHz / 16QAM



Middle Channel / 100MHz / 64QAM



Highest Channel / 100MHz / 16QAM



Highest Channel / 100MHz / 64QAM

