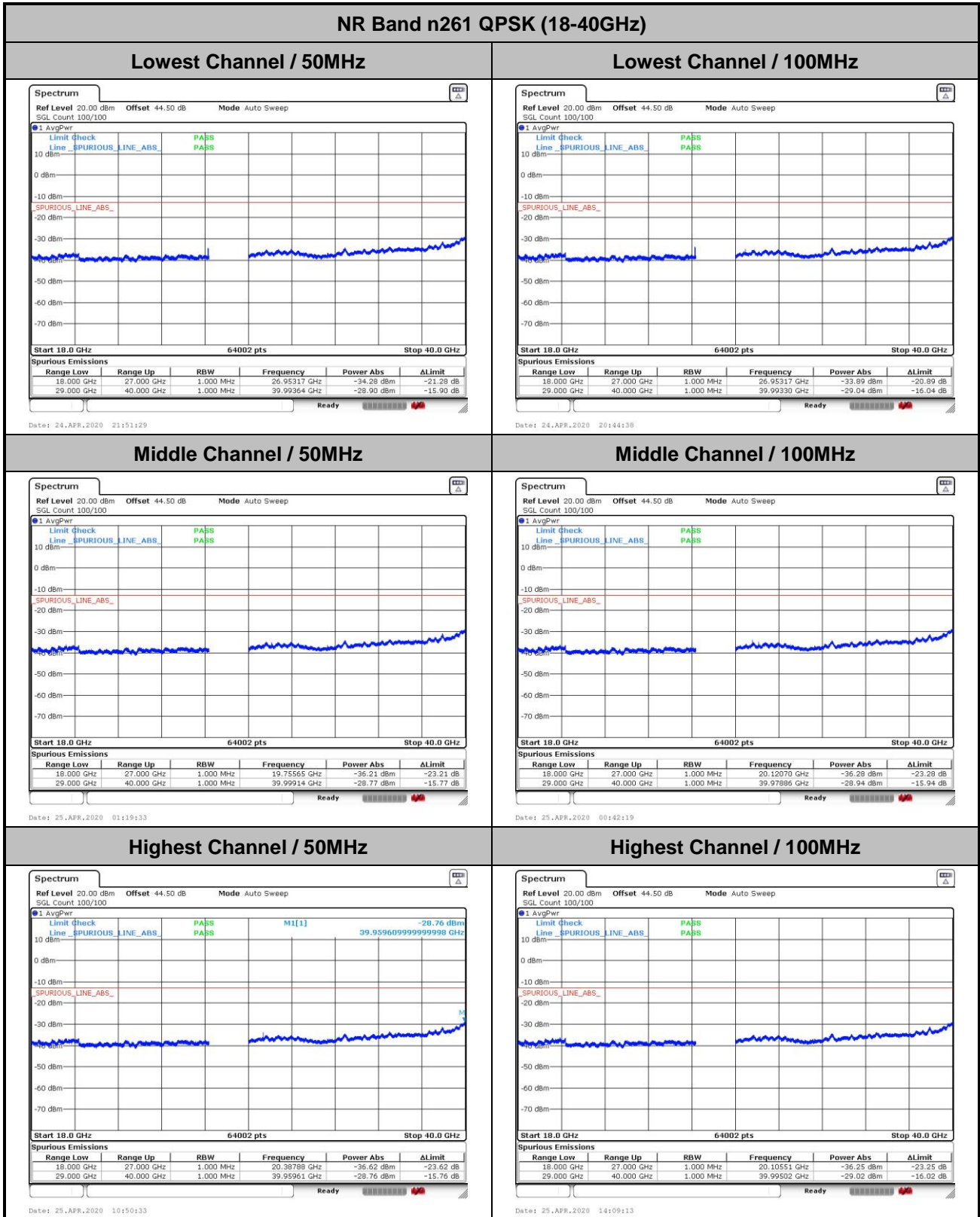




Spurious emission between 18GHz to 40GHz worst case plot is reported as following.

DFT-s-OFDM Module 0



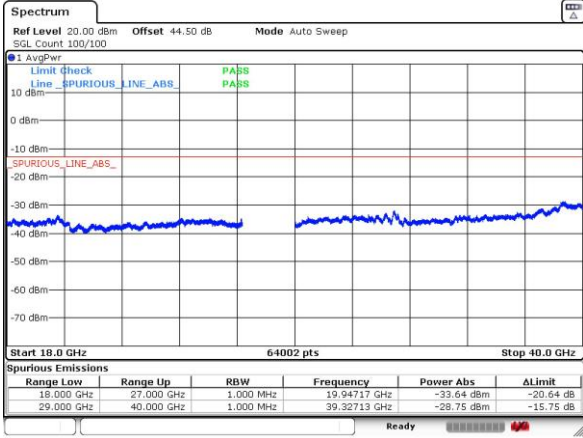
Remark: In band and out of band frequencies are omitted.



DFT-s-OFDM Module 0

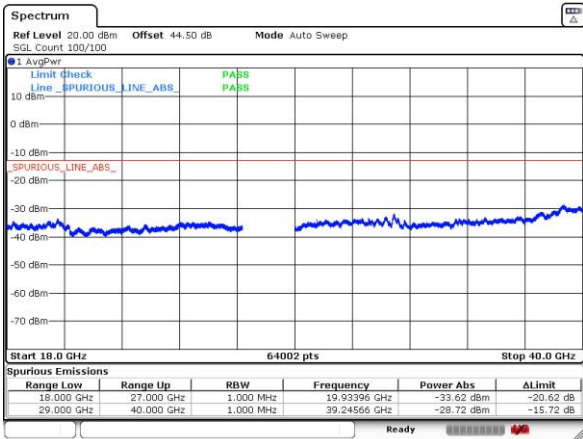
NR Band n261 QPSK (18-40GHz)

Lowest Channel / 200MHz



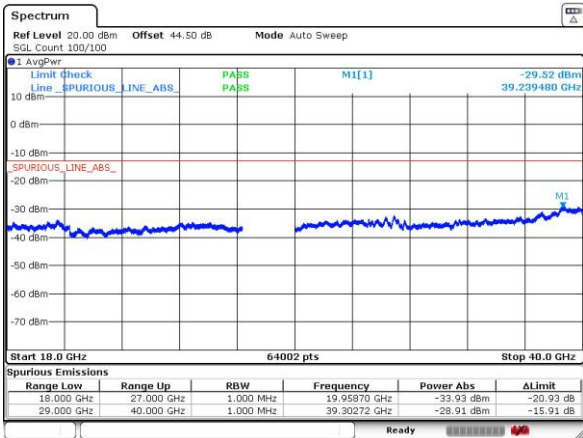
intentionally blank

Middle Channel / 200MHz



intentionally blank

Highest Channel / 200MHz



intentionally blank

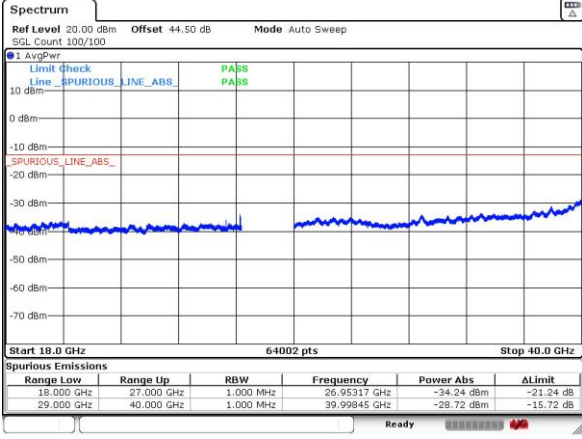
Remark: In band and out of band frequencies are omitted.



DFT-s-OFDM Module 1

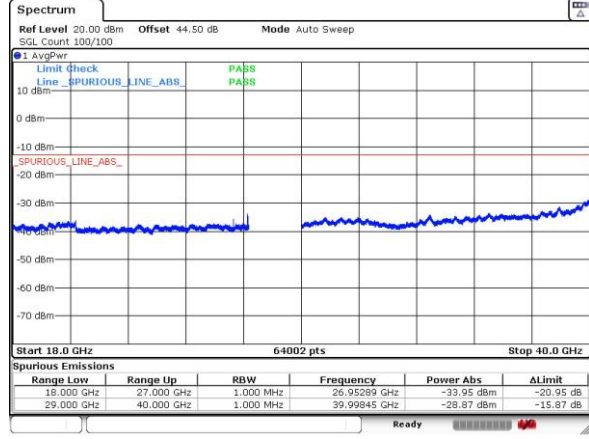
NR Band n261 QPSK (18-40GHz)

Lowest Channel / 50MHz



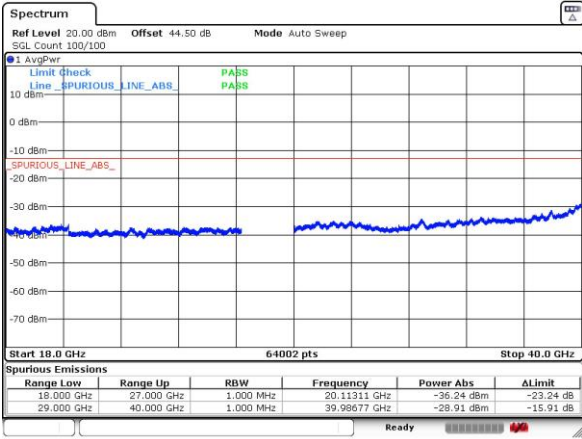
Date: 27_APR_2020 22:10:24

Lowest Channel / 100MHz



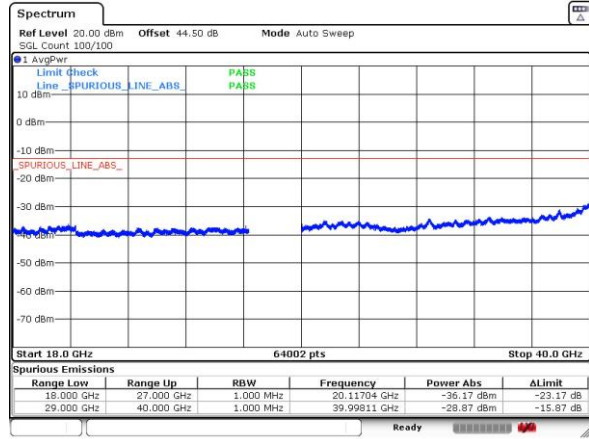
Date: 27_APR_2020 20:13:06

Middle Channel / 50MHz



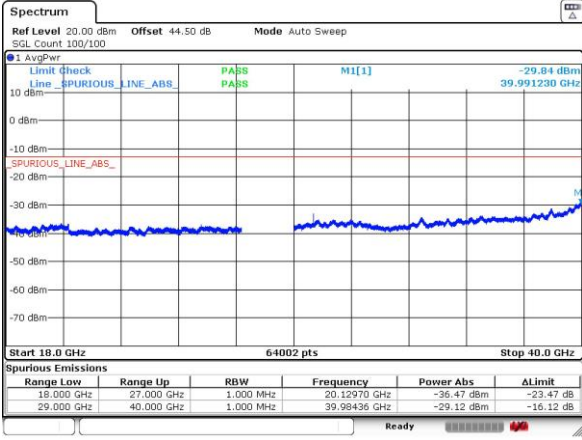
Date: 27_APR_2020 23:45:40

Middle Channel / 100MHz



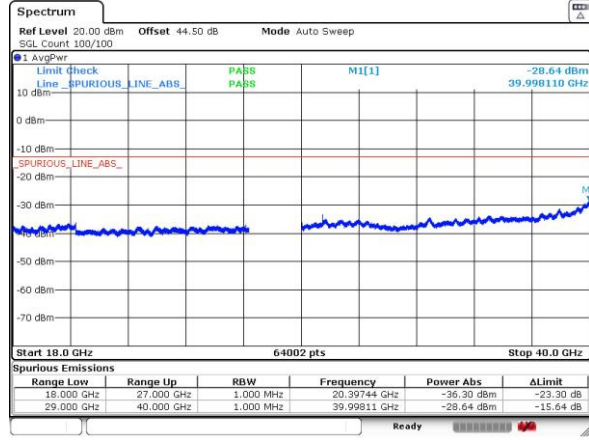
Date: 28_APR_2020 00:29:29

Highest Channel / 50MHz



Date: 28_APR_2020 13:55:04

Highest Channel / 100MHz



Date: 28_APR_2020 16:27:05

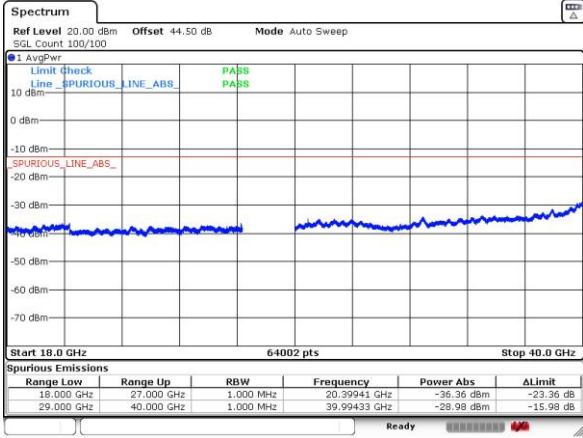
Remark: In band and out of band frequencies are omitted.



DFT-s-OFDM Module 1

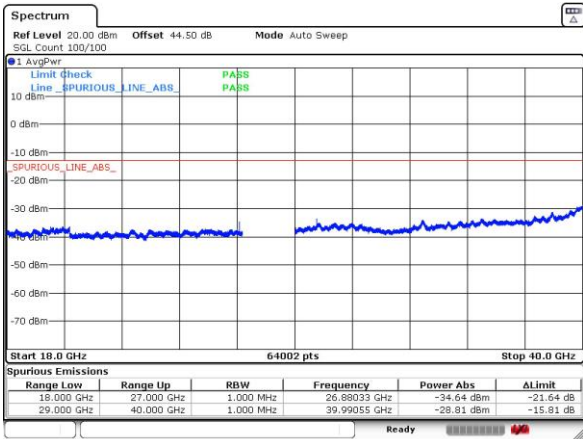
NR Band n261 QPSK (18-40GHz)

Lowest Channel / 200MHz



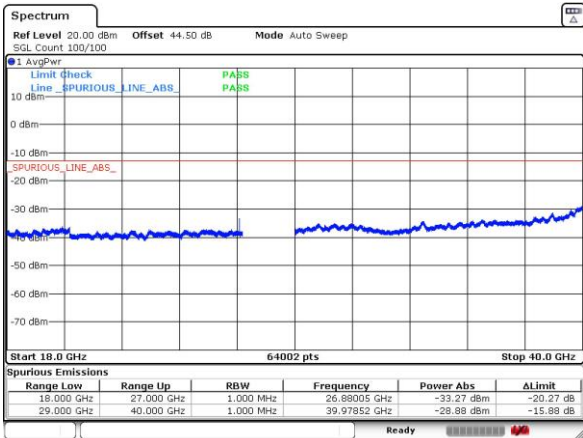
intentionally blank

Middle Channel / 200MHz



intentionally blank

Highest Channel / 200MHz



intentionally blank

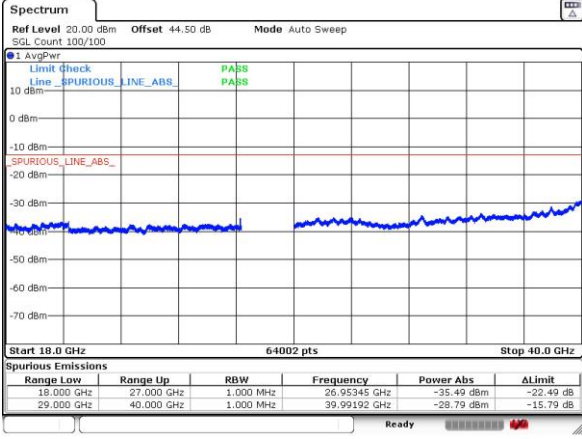
Remark: In band and out of band frequencies are omitted.



CP-OFDM Module 0

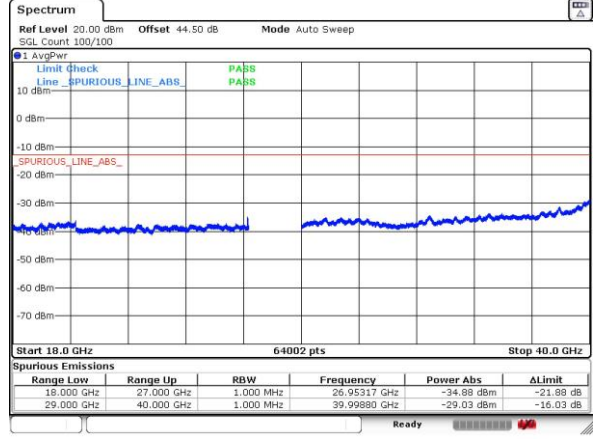
NR Band n261 QPSK (18-40GHz)

Lowest Channel / 50MHz



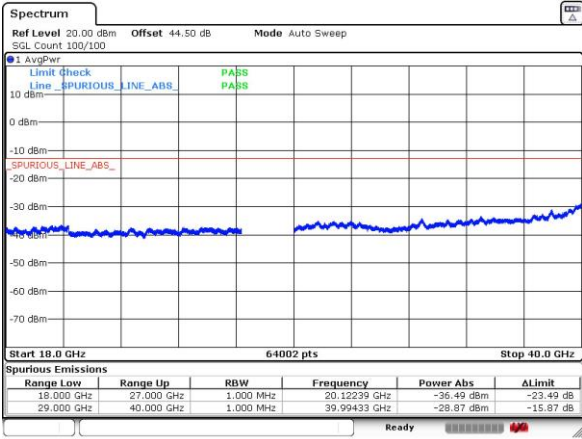
Date: 24.APR.2020 22:13:38

Lowest Channel / 100MHz



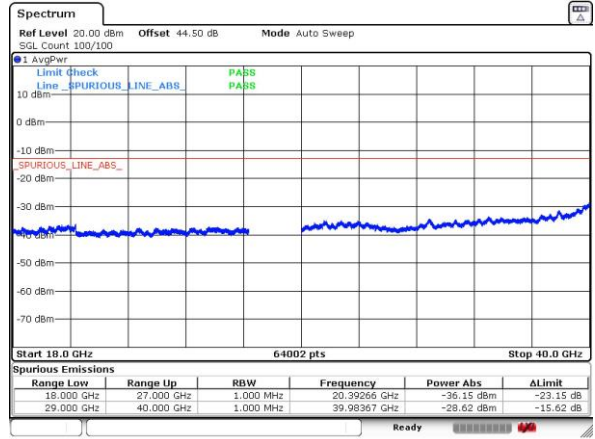
Date: 24.APR.2020 21:04:00

Middle Channel / 50MHz



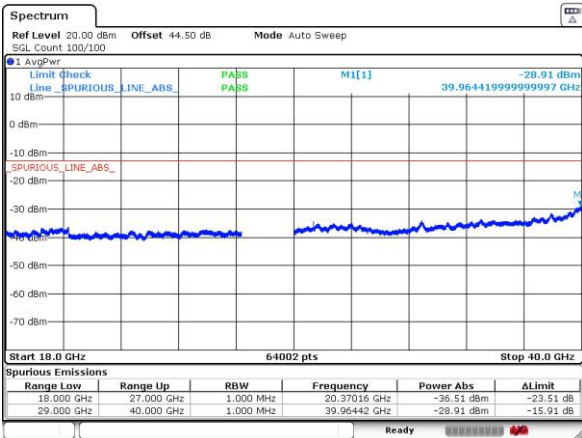
Date: 25.APR.2020 01:18:27

Middle Channel / 100MHz



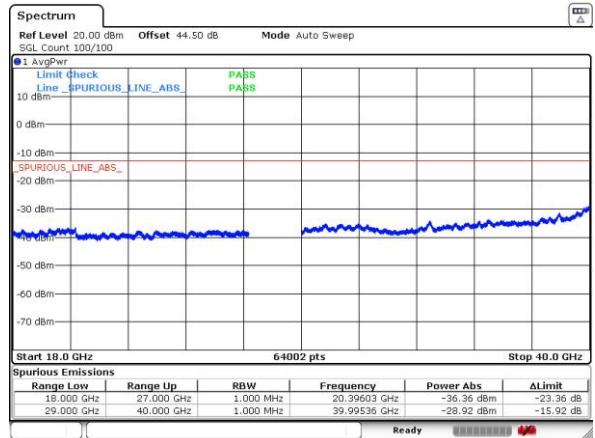
Date: 25.APR.2020 00:41:17

Highest Channel / 50MHz



Date: 25.APR.2020 11:41:22

Highest Channel / 100MHz



Date: 25.APR.2020 14:39:20

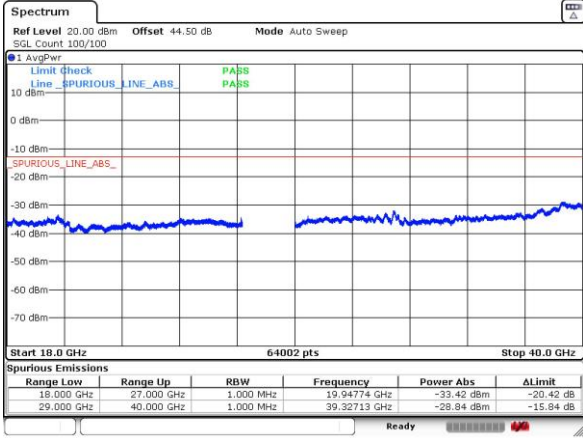
Remark: In band and out of band frequencies are omitted.



CP-OFDM Module 0

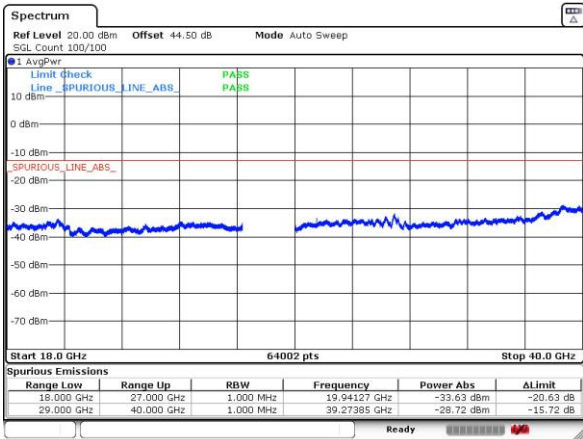
NR Band n261 QPSK (18-40GHz)

Lowest Channel / 200MHz



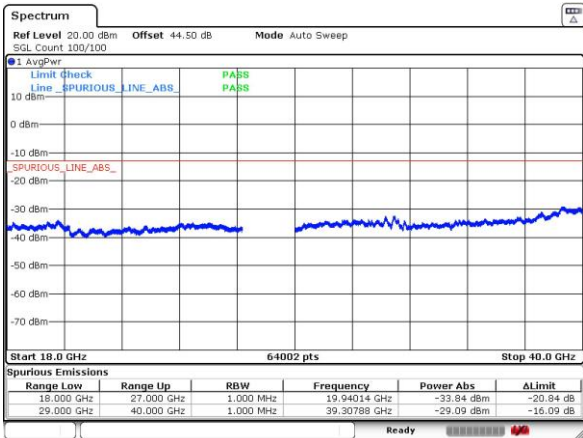
intentionally blank

Middle Channel / 200MHz



intentionally blank

Highest Channel / 200MHz



intentionally blank

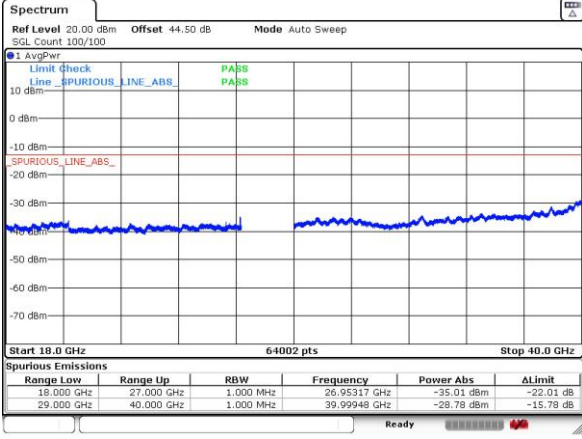
Remark: In band and out of band frequencies are omitted.



CP-OFDM Module 1

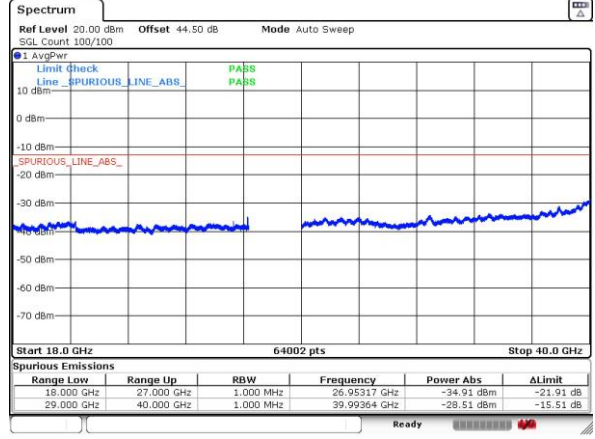
NR Band n261 QPSK (18-40GHz)

Lowest Channel / 50MHz



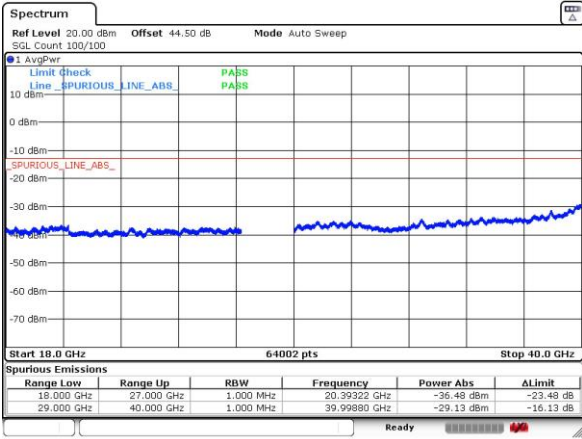
Date: 27_APR_2020 22:41:50

Lowest Channel / 100MHz



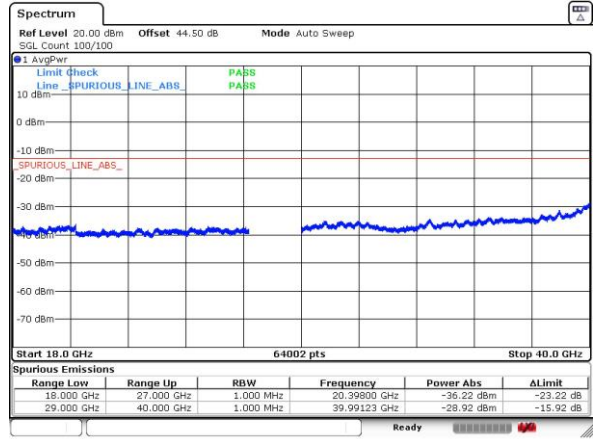
Date: 27_APR_2020 21:30:38

Middle Channel / 50MHz



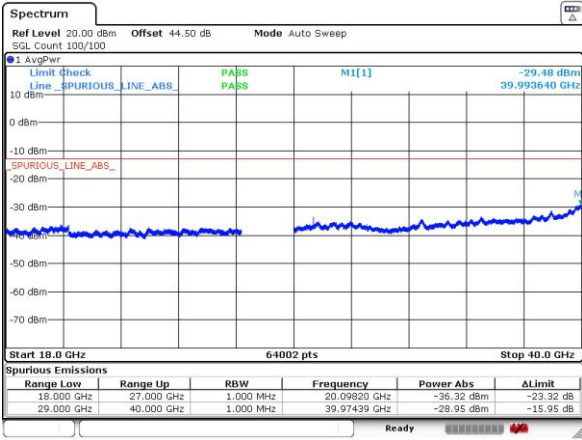
Date: 28_APR_2020 00:04:56

Middle Channel / 100MHz



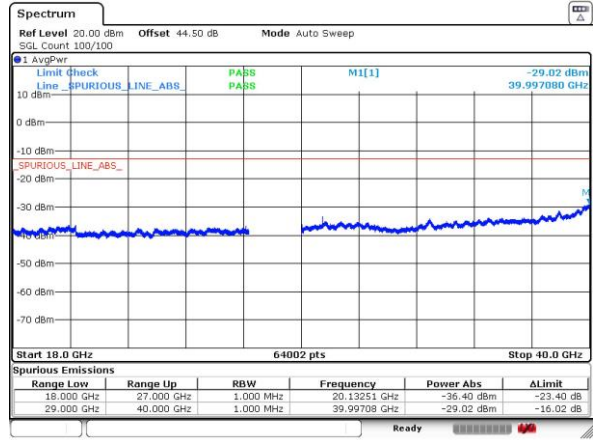
Date: 28_APR_2020 00:47:24

Highest Channel / 50MHz



Date: 28_APR_2020 13:57:46

Highest Channel / 100MHz



Date: 28_APR_2020 16:29:37

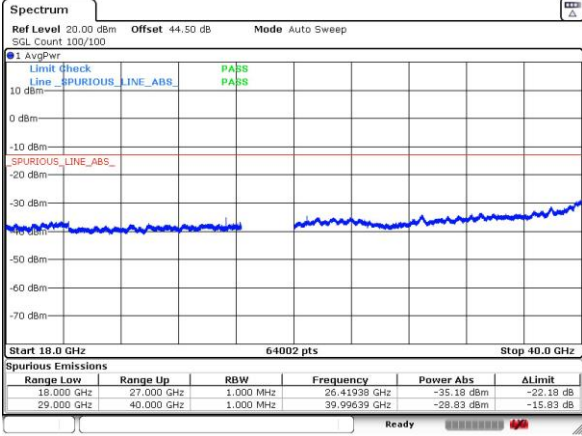
Remark: In band and out of band frequencies are omitted.



CP-OFDM Module 1

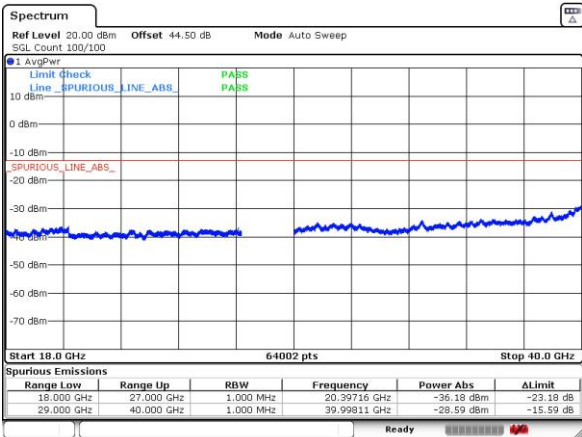
NR Band n261 QPSK (18-40GHz)

Lowest Channel / 200MHz



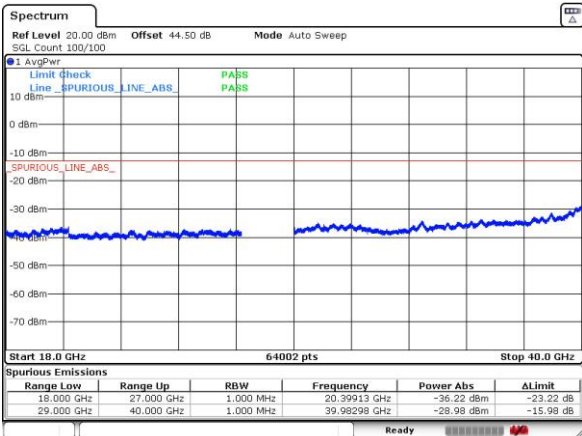
intentionally blank

Middle Channel / 200MHz



intentionally blank

Highest Channel / 200MHz

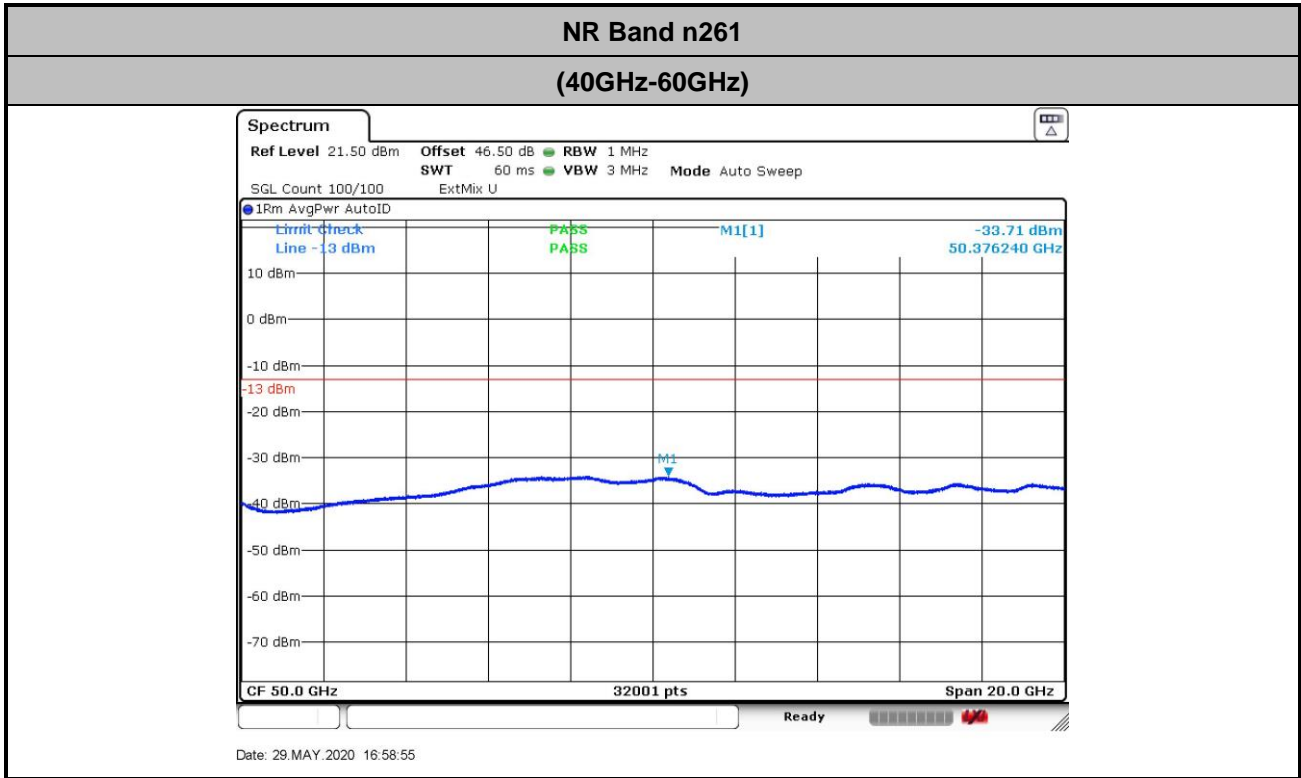


intentionally blank

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

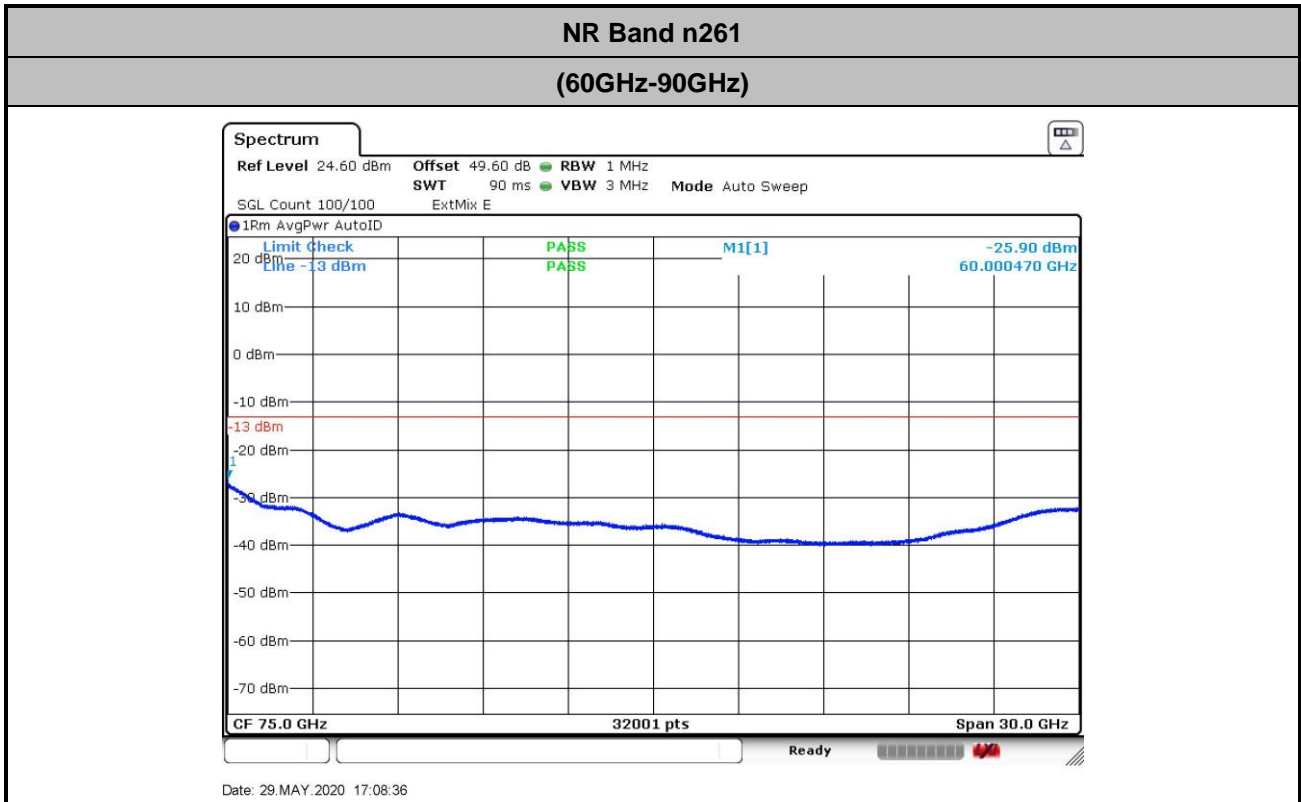


There is no significant spurious emission signal found for frequency started from 40GHz up to 100GHz. Only the noise floor is reported.

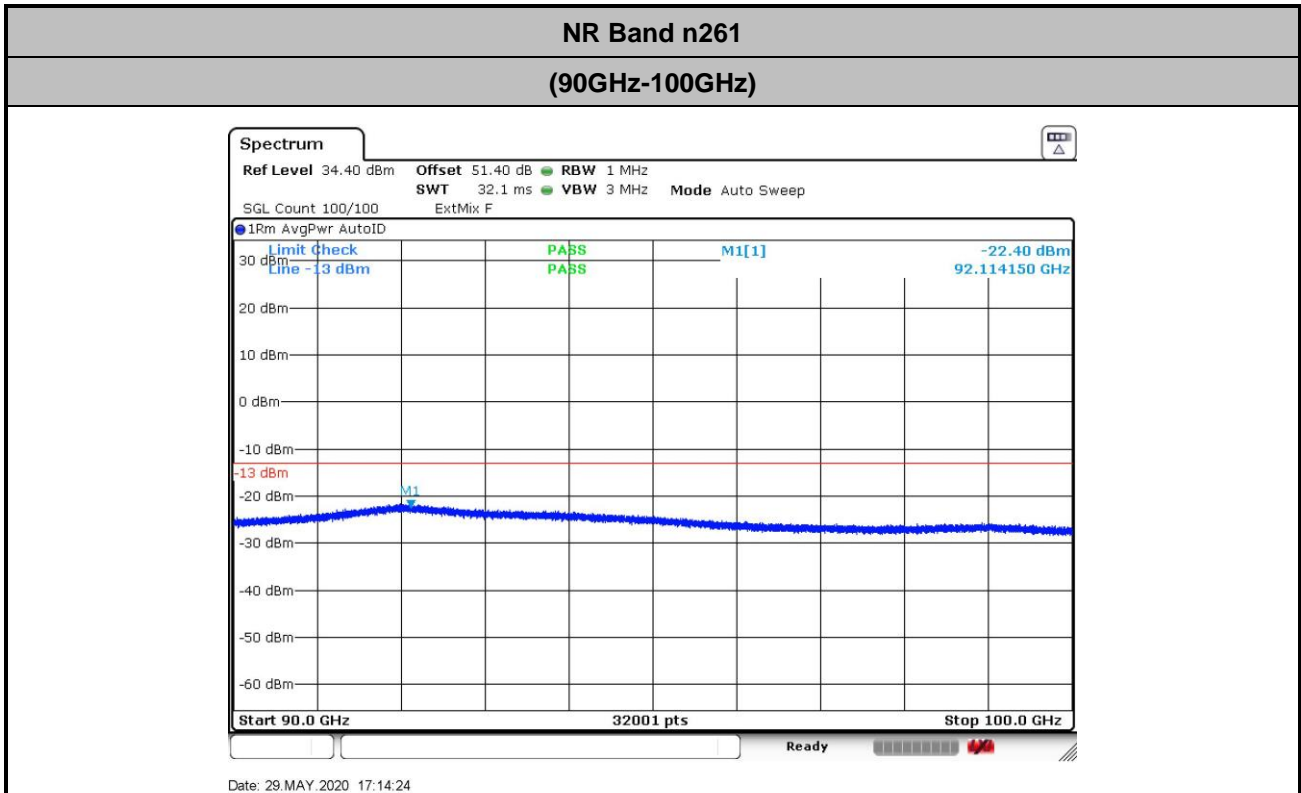


$$\text{Offset} = \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8$$

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



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



$$\begin{aligned} \text{Offset} &= \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 \\ &= 49.0 + 2.2 + 107 + 20\log(1) - 104.8 = 51.4 \text{ (dB)} \end{aligned}$$



NR Band n261 AG1

Occupied Bandwidth

Mode	DFT-s-OFDM Module 0 NR Band n261 : 99%OBW(MHz)								
	50MHz			100MHz			200MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	45.28	45.26	45.56	90.24	90.24	90.40	188.40	188.64	185.20
Middle CH	45.22	45.34	45.42	90.28	90.36	90.32	188.08	187.92	185.28
Highest CH	45.18	45.26	45.36	90.2	90.2	90.36	188.56	188.88	186.16

Mode	DFT-s-OFDM Module 1 NR Band n261 : 99%OBW(MHz)								
	50MHz			100MHz			200MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	45.26	45.20	45.20	90.44	90.60	90.52	188.40	188.32	185.84
Middle CH	45.04	45.32	45.40	90.28	90.16	90.60	187.92	187.92	185.84
Highest CH	45.04	45.32	45.40	90.20	90.20	90.44	187.76	187.84	184.00

Mode	CP-OFDM Module 0 NR Band n261 : 99%OBW(MHz)								
	50MHz			100MHz			200MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	45.32	45.38	45.18	93.00	92.88	92.92	190.48	186.88	190.40
Middle CH	45.54	45.56	45.26	92.88	92.60	92.72	189.76	186.00	189.84
Highest CH	45.42	45.46	45.26	92.80	92.64	92.76	190.00	190.32	190.08

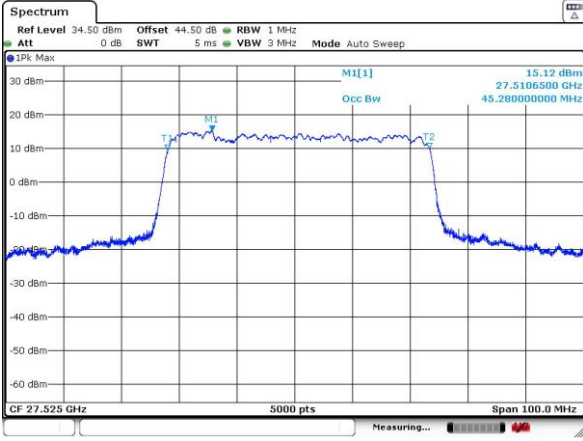
Mode	CP-OFDM Module 1 NR Band n261 : 99%OBW(MHz)								
	50MHz			100MHz			200MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	45.16	45.46	45.14	93.12	92.64	92.92	190.00	186.48	190.00
Middle CH	45.42	45.28	45.02	92.96	92.36	92.60	190.16	186.96	189.92
Highest CH	45.40	45.26	45.02	92.72	92.36	92.68	189.44	185.20	189.28



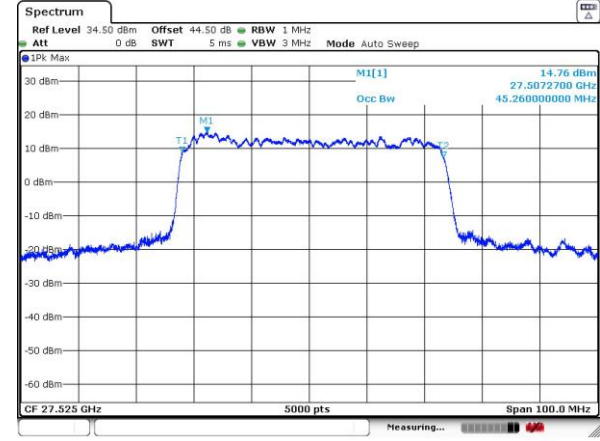
DFT-s-OFDM Module 0

NR Band n261

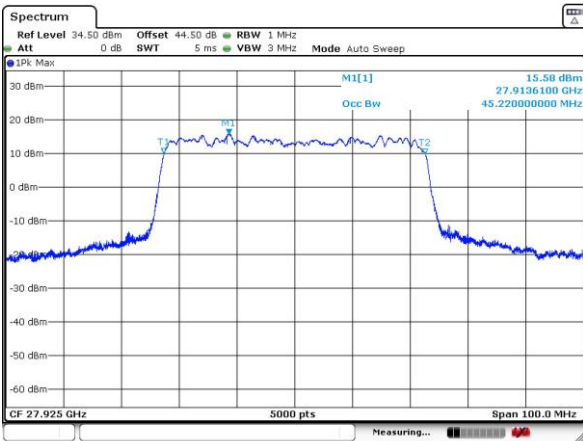
Lowest Channel / 50MHz / QPSK



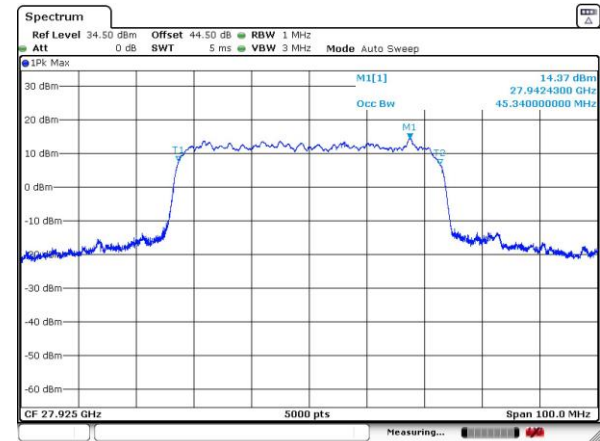
Lowest Channel / 50MHz / 16QAM



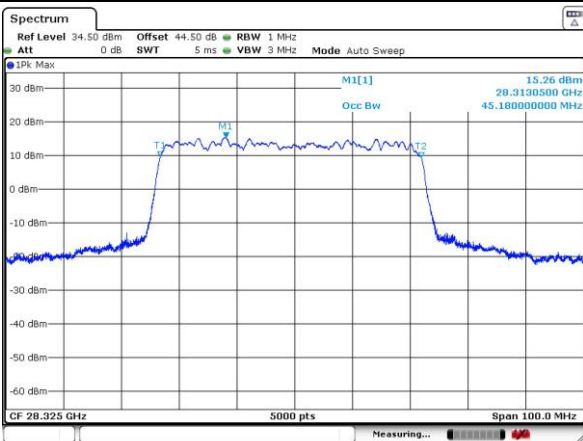
Middle Channel / 50MHz / QPSK



Middle Channel / 50MHz / 16QAM



Highest Channel / 50MHz / QPSK



Highest Channel / 50MHz / 16QAM

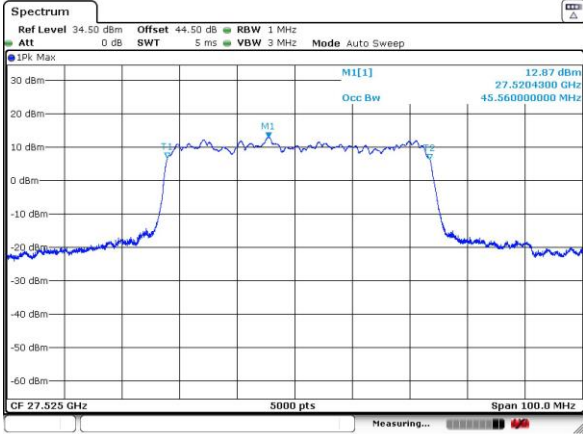




DFT-s-OFDM Module 0

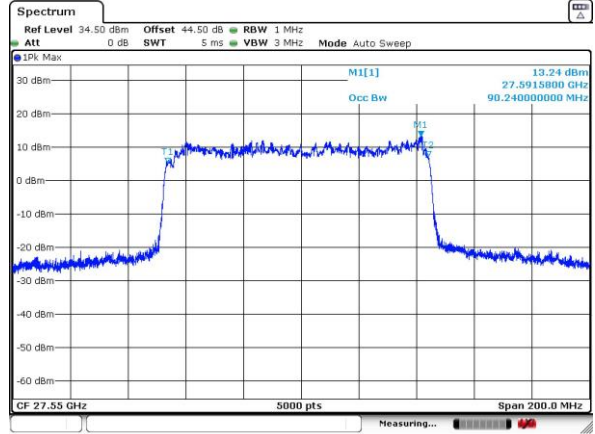
NR Band n261

Lowest Channel / 50MHz / 64QAM



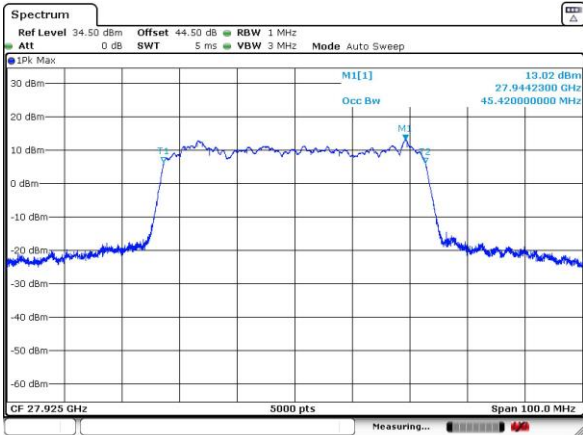
Date: 25.APR.2020 17:52:29

Lowest Channel / 100MHz / QPSK



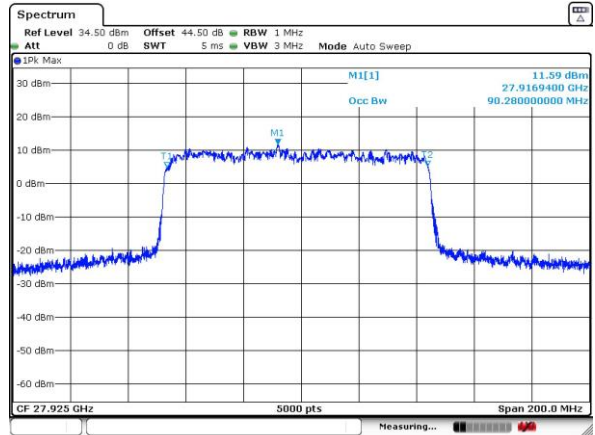
Date: 25.APR.2020 20:27:22

Middle Channel / 50MHz / 64QAM



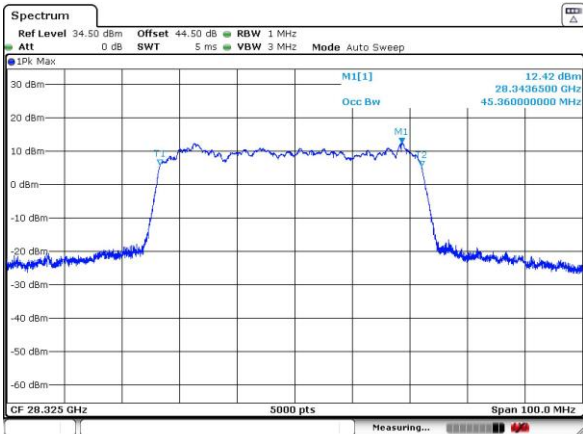
Date: 26.APR.2020 00:54:36

Middle Channel / 100MHz / QPSK



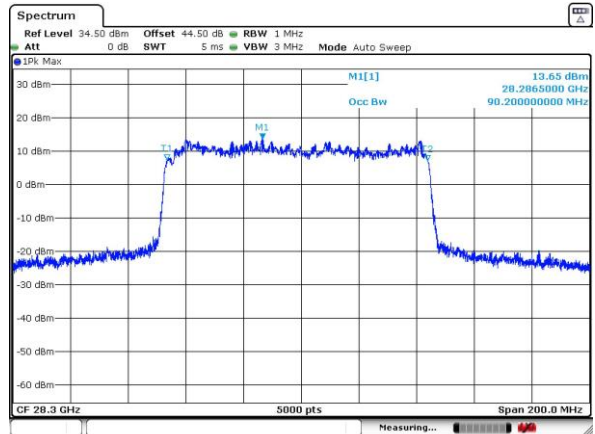
Date: 25.APR.2020 20:26:16

Highest Channel / 50MHz / 64QAM



Date: 27.APR.2020 14:07:32

Highest Channel / 100MHz / QPSK



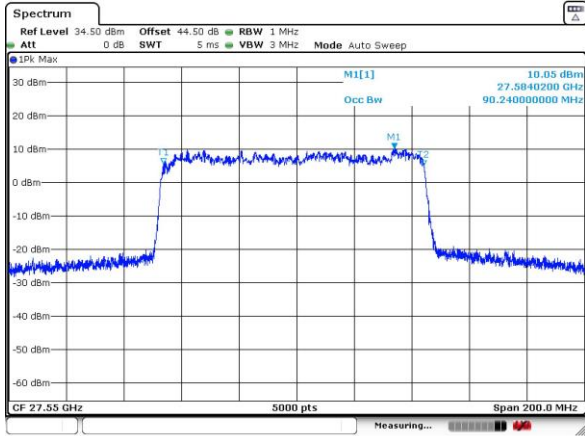
Date: 26.APR.2020 03:24:13



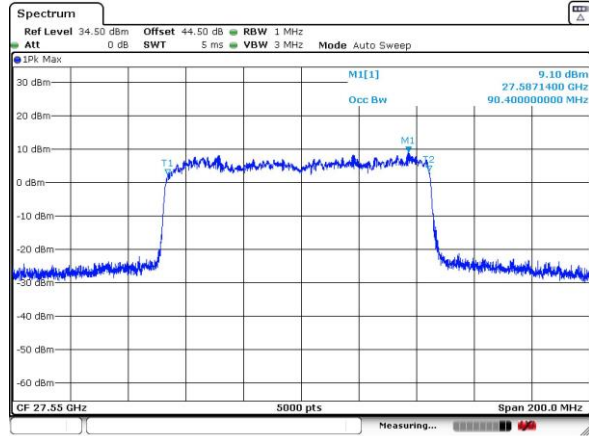
DFT-s-OFDM Module 0

NR Band n261

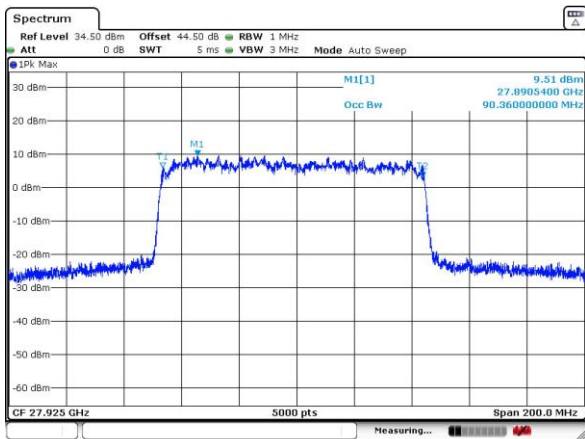
Lowest Channel / 100MHz / 16QAM



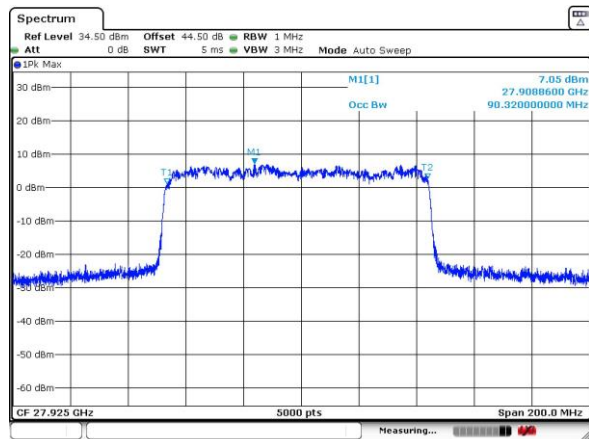
Lowest Channel / 100MHz / 64QAM



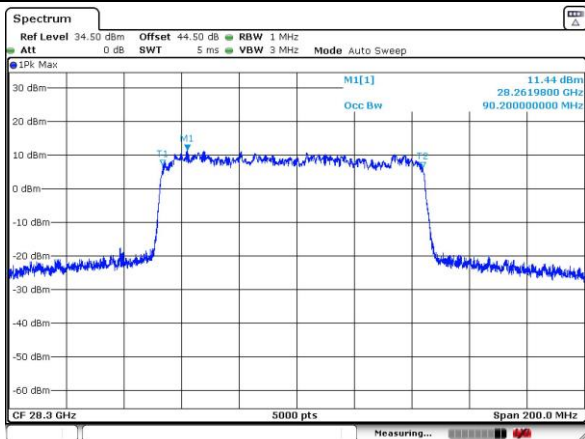
Middle Channel / 100MHz / 16QAM



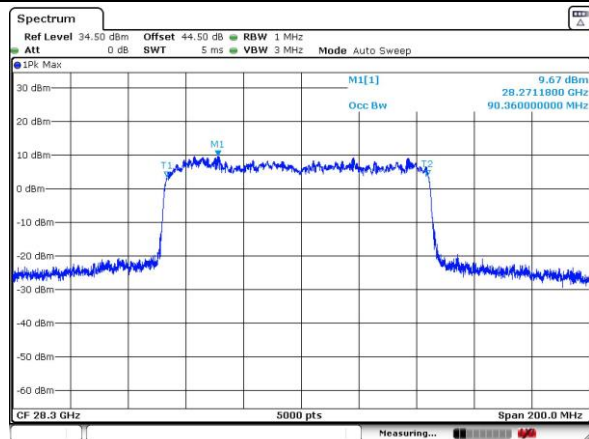
Middle Channel / 100MHz / 64QAM



Highest Channel / 100MHz / 16QAM



Highest Channel / 100MHz / 64QAM

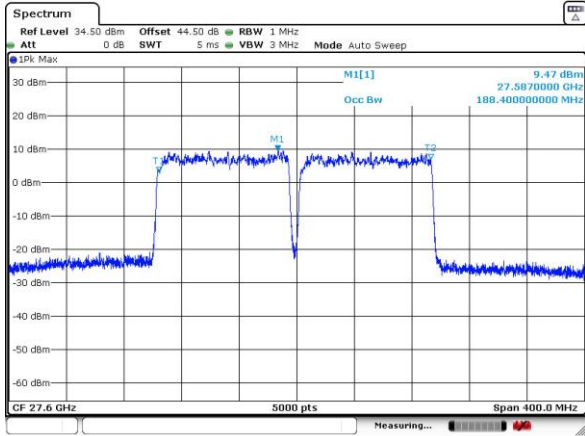




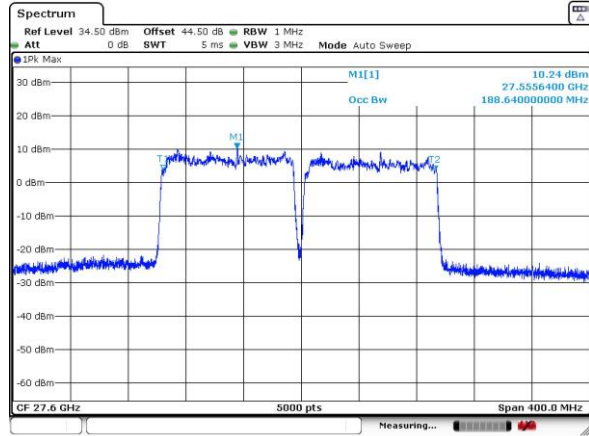
DFT-s-OFDM Module 0

NR Band n261

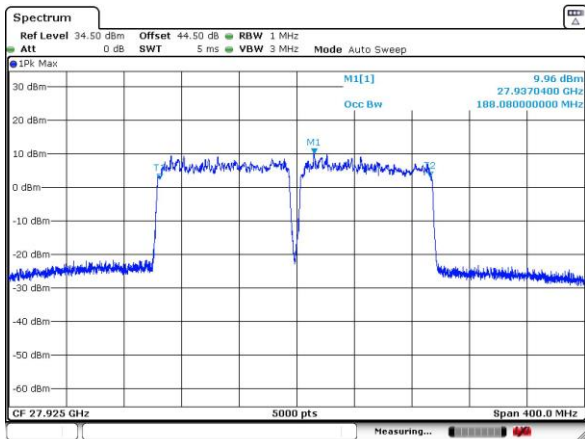
Lowest Channel / 200MHz / QPSK



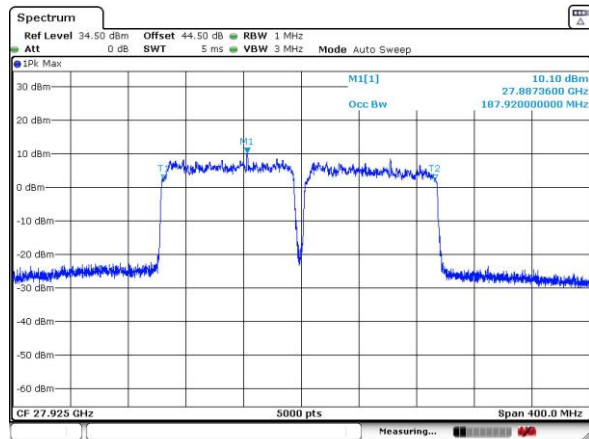
Lowest Channel / 200MHz / 16QAM



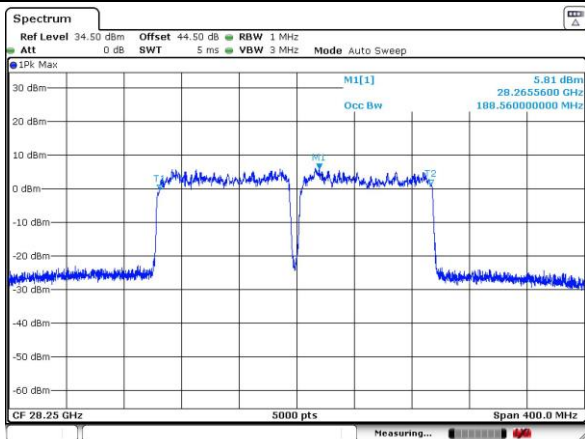
Middle Channel / 200MHz / QPSK



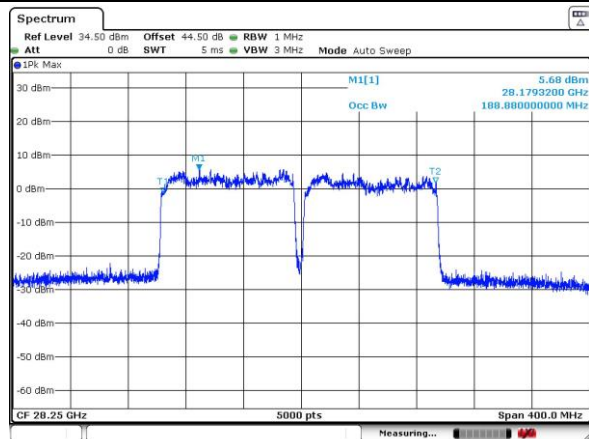
Middle Channel / 200MHz / 16QAM



Highest Channel / 200MHz / QPSK



Highest Channel / 200MHz / 16QAM

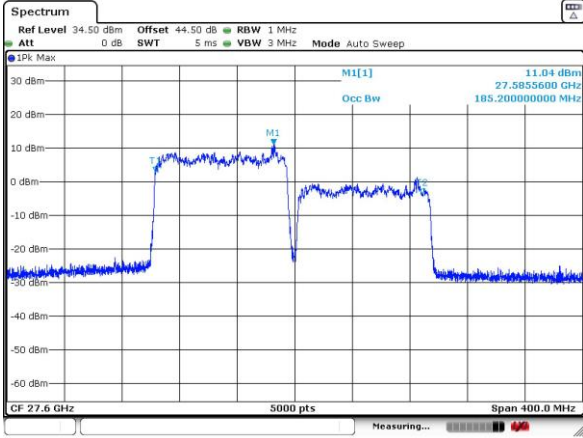




DFT-s-OFDM Module 0

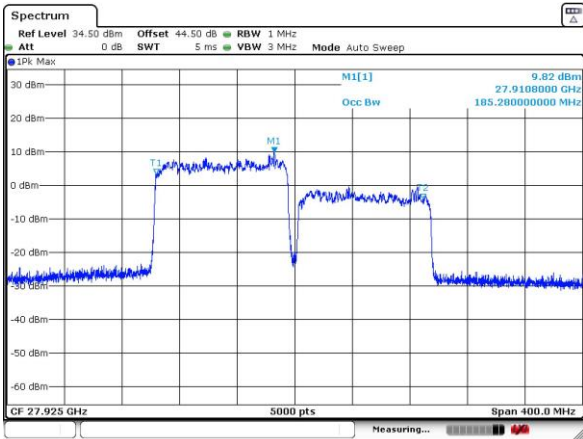
NR Band n261

Lowest Channel / 200MHz / 64QAM



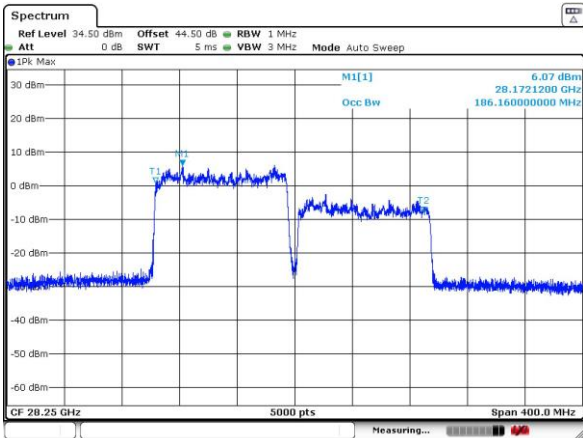
intentionally blank

Middle Channel / 200MHz / 64QAM



intentionally blank

Highest Channel / 200MHz / 64QAM



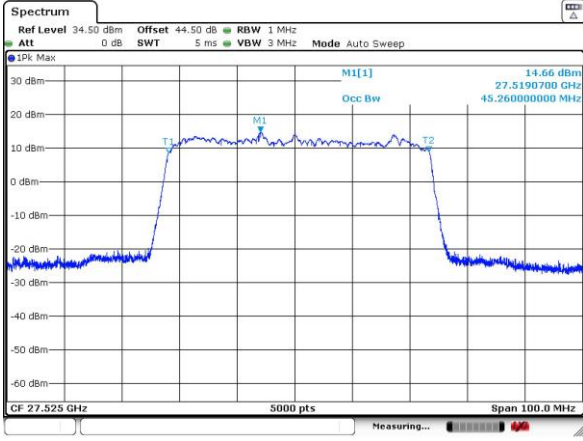
intentionally blank



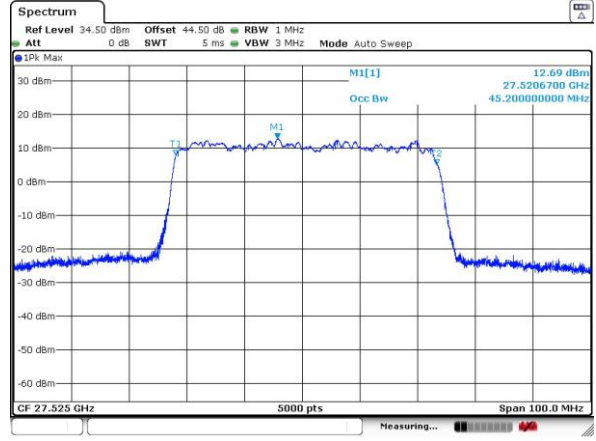
DFT-s-OFDM Module 1

NR Band n261

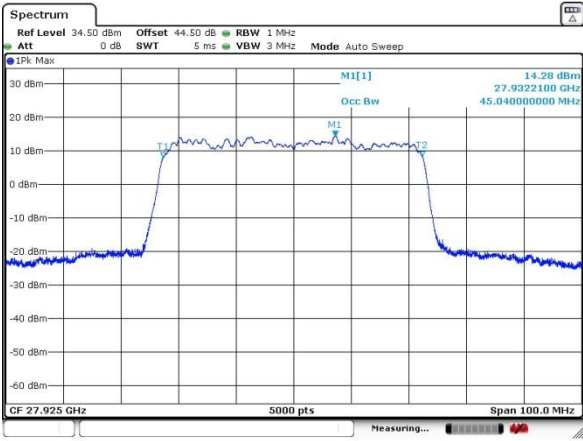
Lowest Channel / 50MHz / QPSK



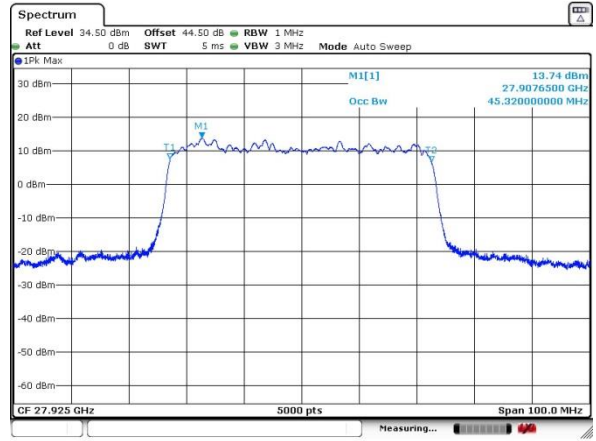
Lowest Channel / 50MHz / 16QAM



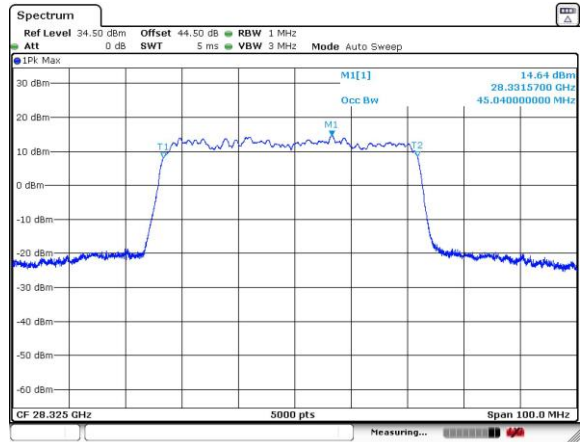
Middle Channel / 50MHz / QPSK



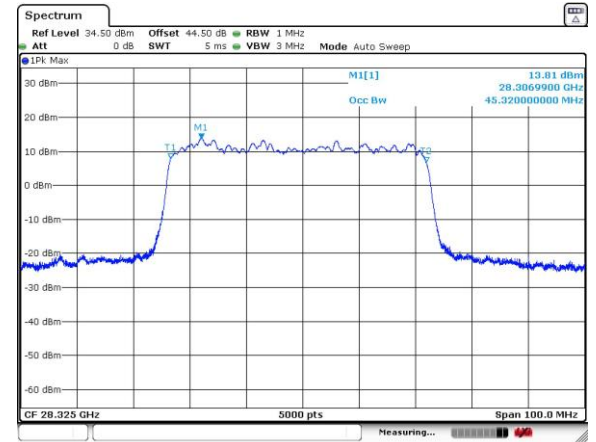
Middle Channel / 50MHz / 16QAM



Highest Channel / 50MHz / QPSK



Highest Channel / 50MHz / 16QAM

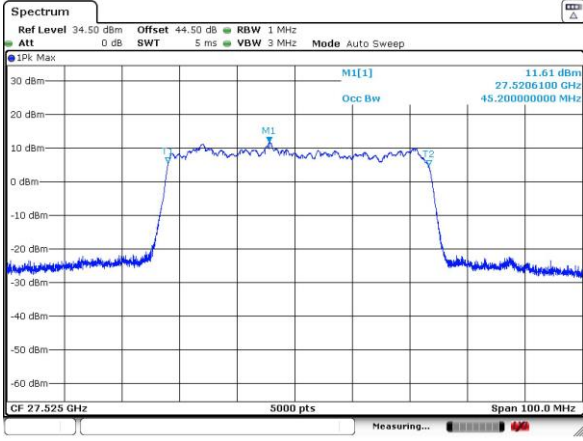




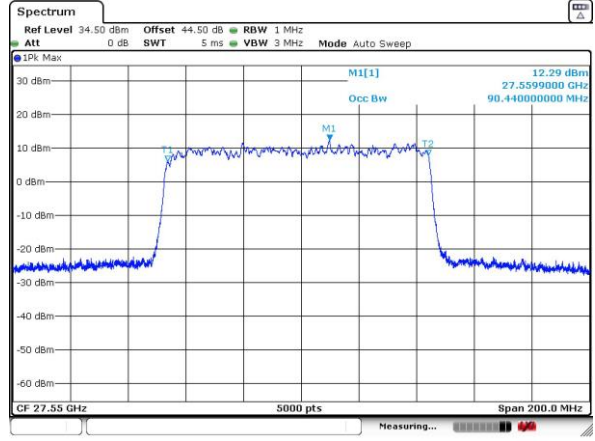
DFT-s-OFDM Module 1

NR Band n261

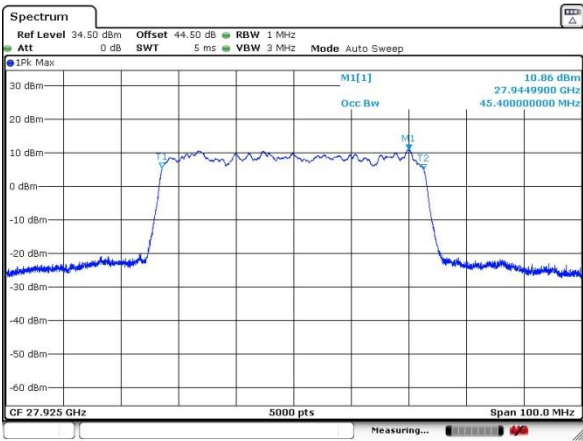
Lowest Channel / 50MHz / 64QAM



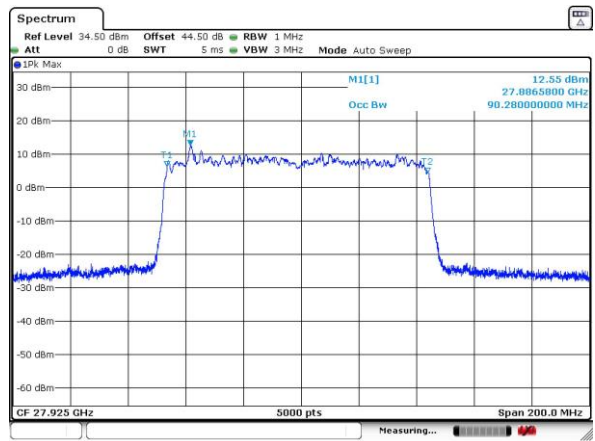
Lowest Channel / 100MHz / QPSK



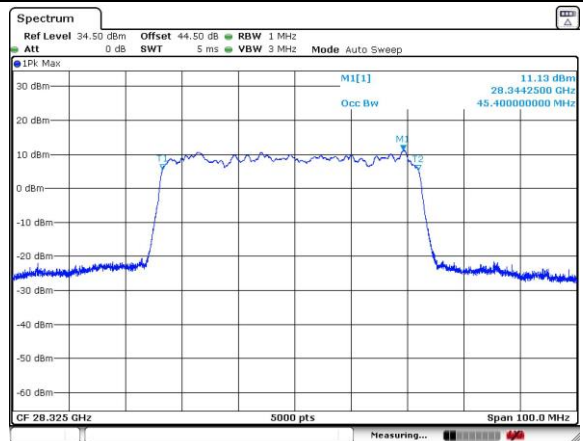
Middle Channel / 50MHz / 64QAM



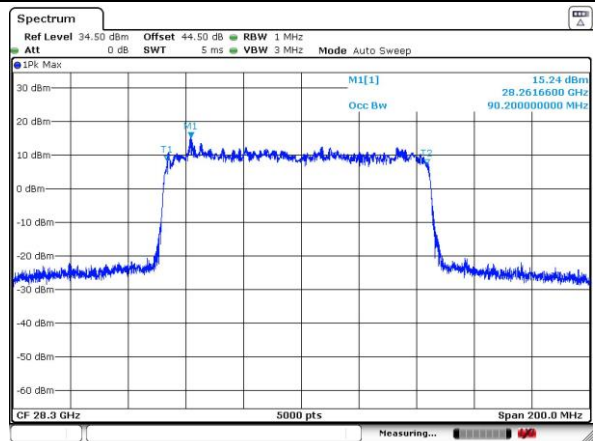
Middle Channel / 100MHz / QPSK



Highest Channel / 50MHz / 64QAM



Highest Channel / 100MHz / QPSK

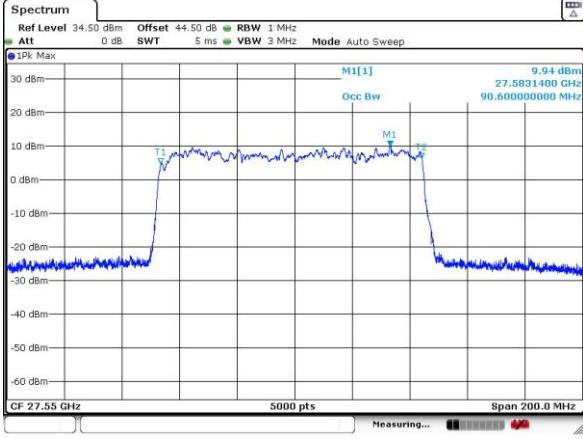




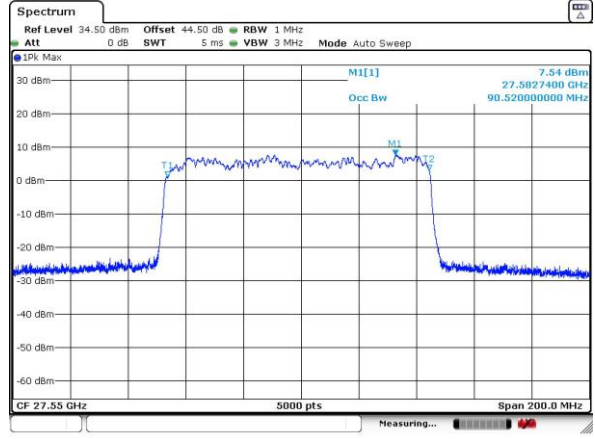
DFT-s-OFDM Module 1

NR Band n261

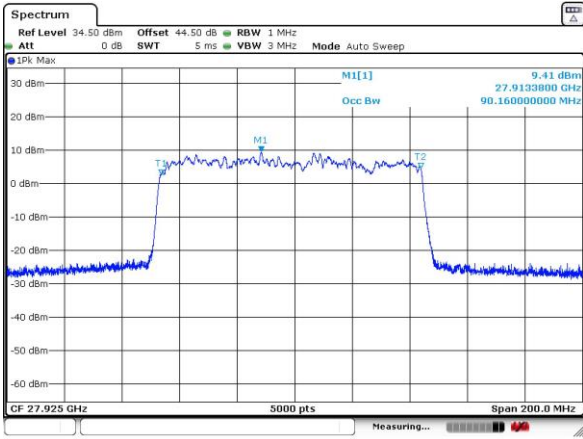
Lowest Channel / 100MHz / 16QAM



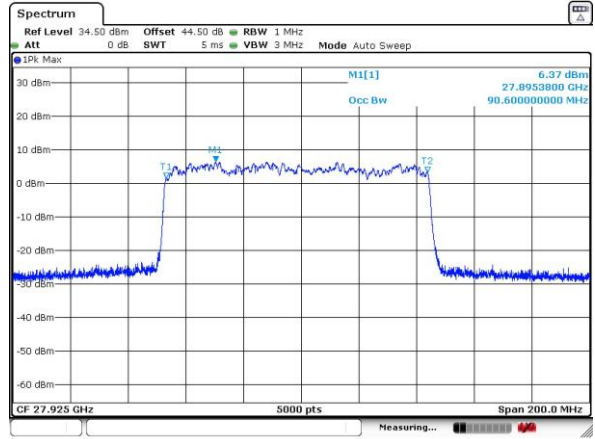
Lowest Channel / 100MHz / 64QAM



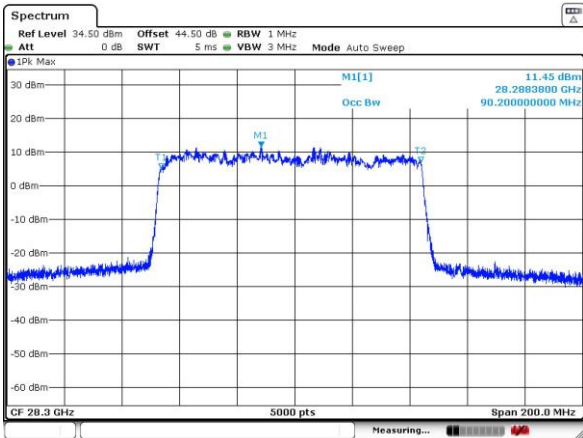
Middle Channel / 100MHz / 16QAM



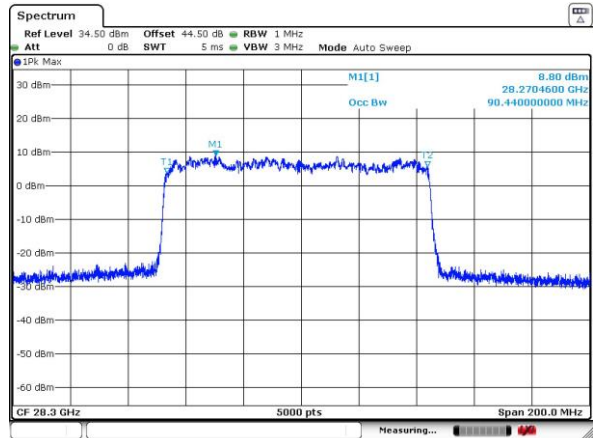
Middle Channel / 100MHz / 64QAM



Highest Channel / 100MHz / 16QAM



Highest Channel / 100MHz / 64QAM

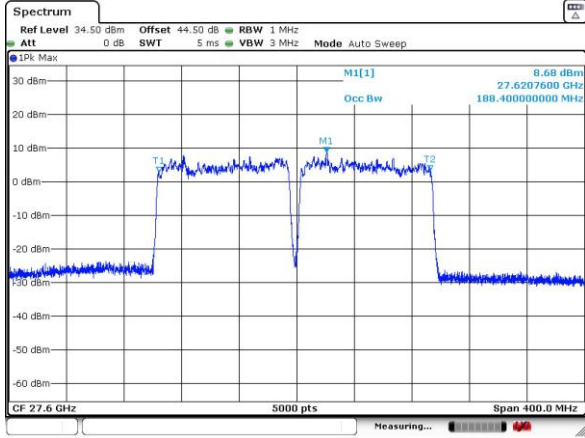




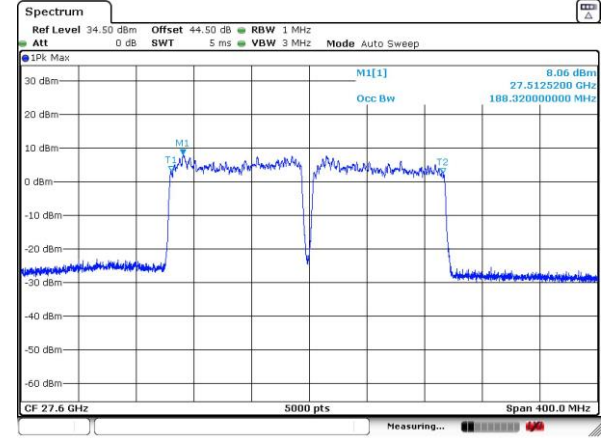
DFT-s-OFDM Module 1

NR Band n261

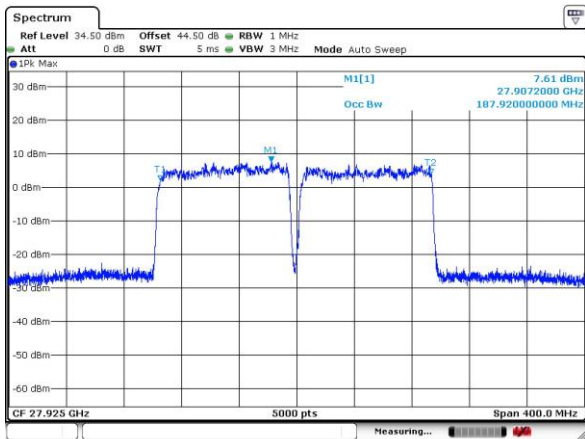
Lowest Channel / 200MHz / QPSK



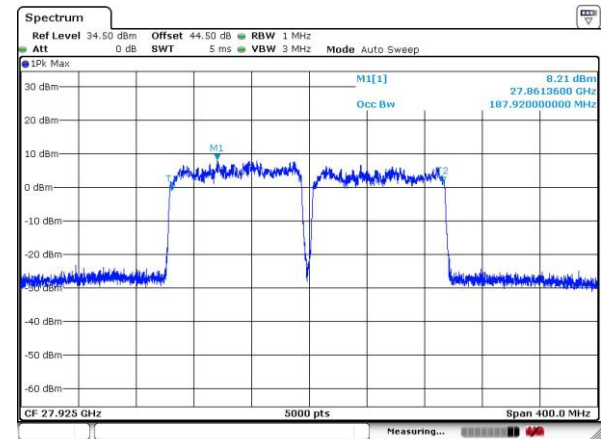
Lowest Channel / 200MHz / 16QAM



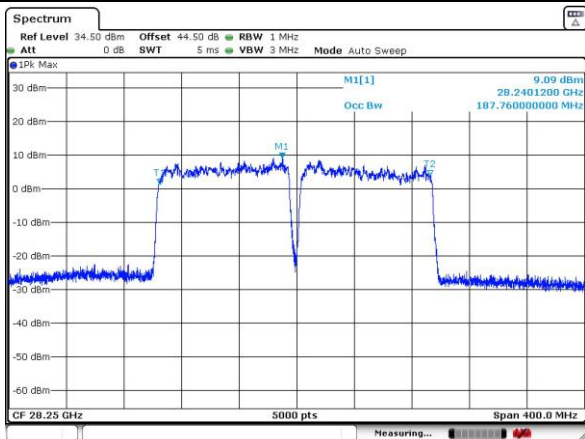
Middle Channel / 200MHz / QPSK



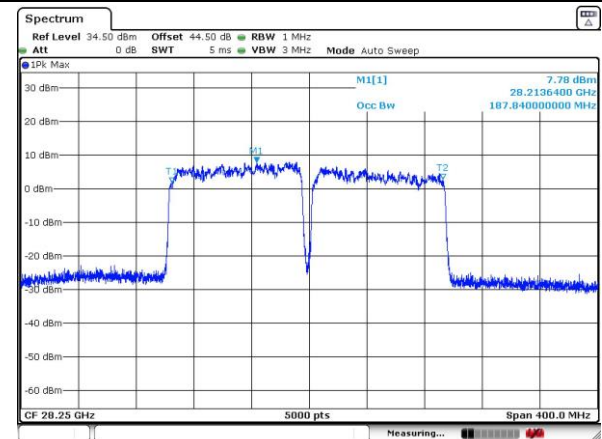
Middle Channel / 200MHz / 16QAM



Highest Channel / 200MHz / QPSK



Highest Channel / 200MHz / 16QAM





DFT-s-OFDM Module 1

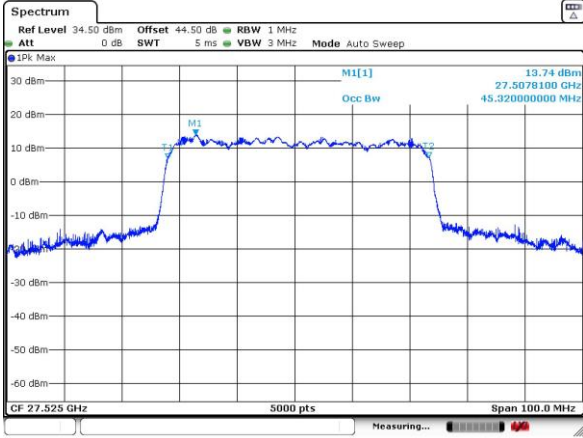
NR Band n261	
<p>Lowest Channel / 200MHz / 64QAM</p> <p>intentionally blank</p>	
<p>Middle Channel / 200MHz / 64QAM</p> <p>intentionally blank</p>	
<p>Highest Channel / 200MHz / 64QAM</p> <p>intentionally blank</p>	



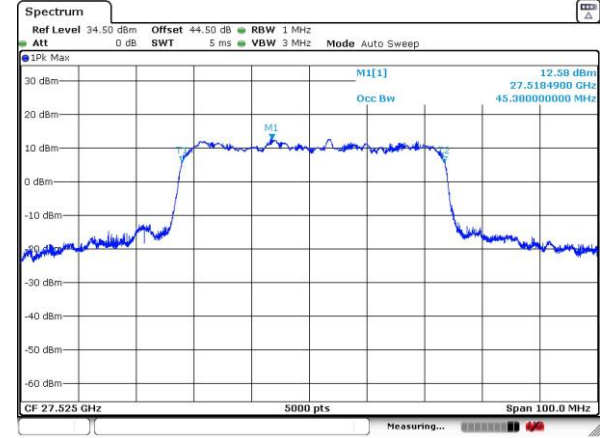
CP-OFDM Module 0

NR Band n261

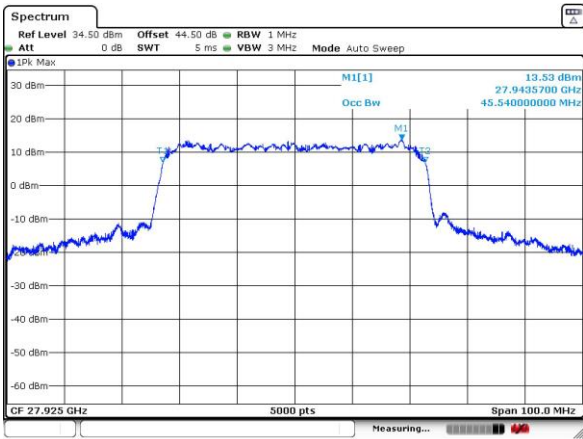
Lowest Channel / 50MHz / QPSK



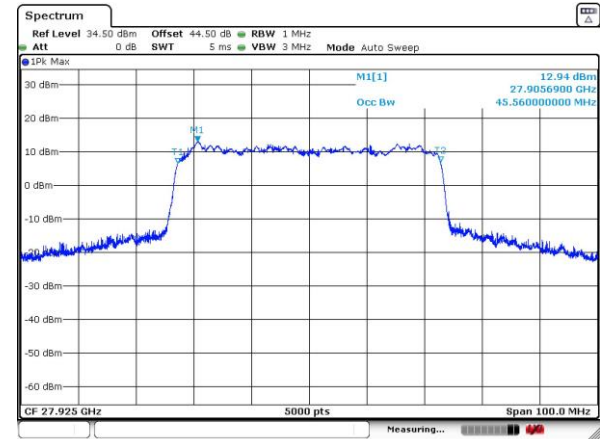
Lowest Channel / 50MHz / 16QAM



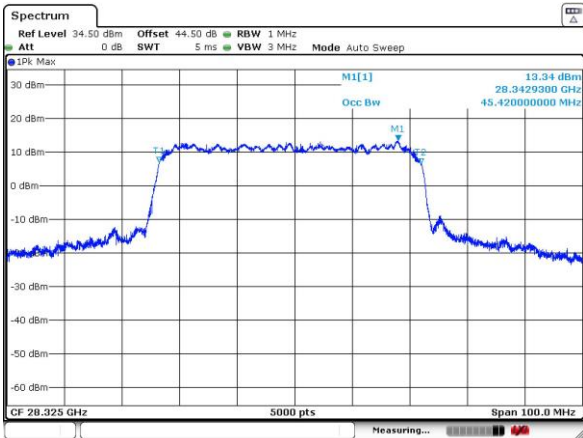
Middle Channel / 50MHz / QPSK



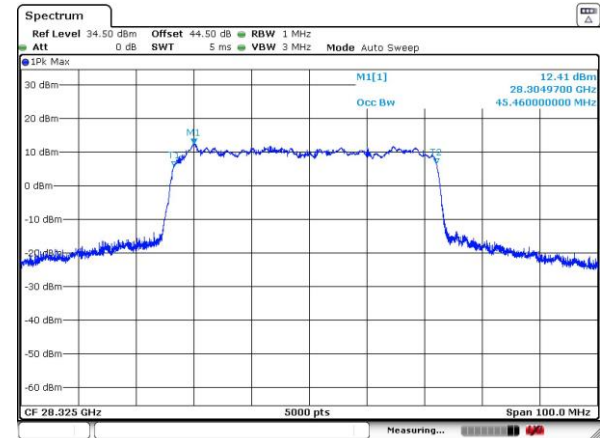
Middle Channel / 50MHz / 16QAM



Highest Channel / 50MHz / QPSK



Highest Channel / 50MHz / 16QAM

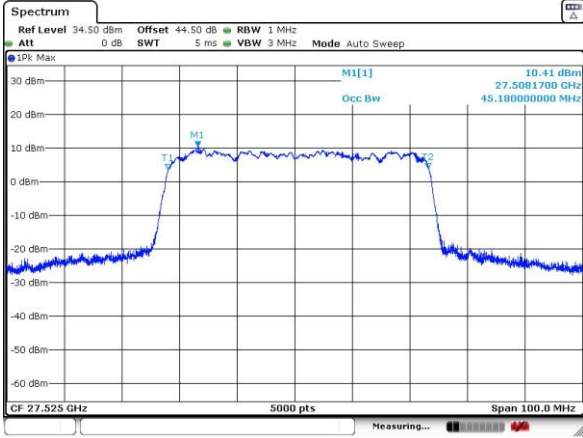




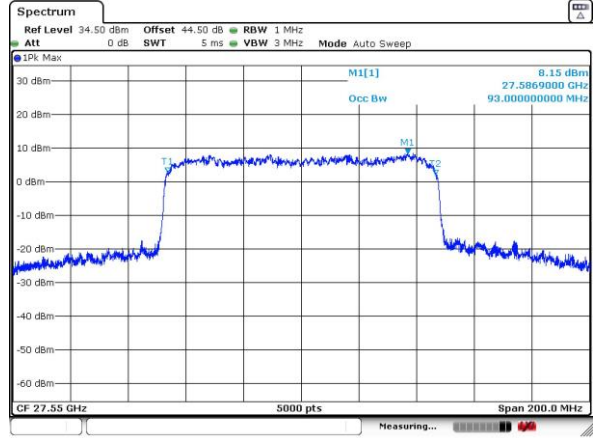
CP-OFDM Module 0

NR Band n261

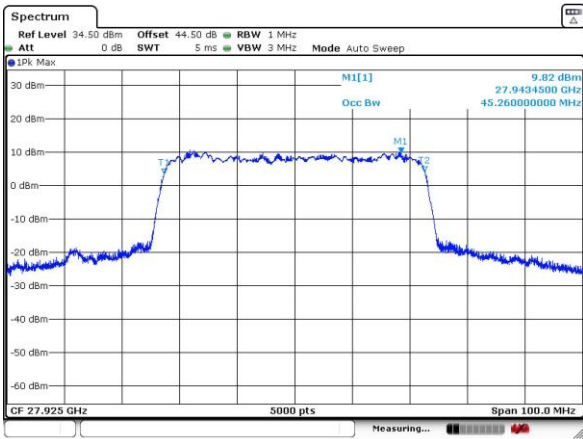
Lowest Channel / 50MHz / 64QAM



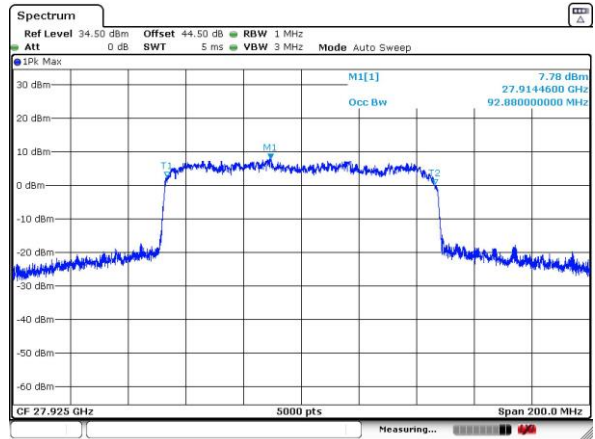
Lowest Channel / 100MHz / QPSK



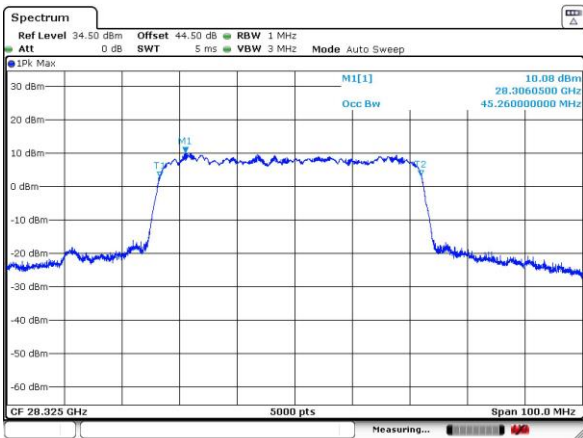
Middle Channel / 50MHz / 64QAM



Middle Channel / 100MHz / QPSK



Highest Channel / 50MHz / 64QAM



Highest Channel / 100MHz / QPSK

