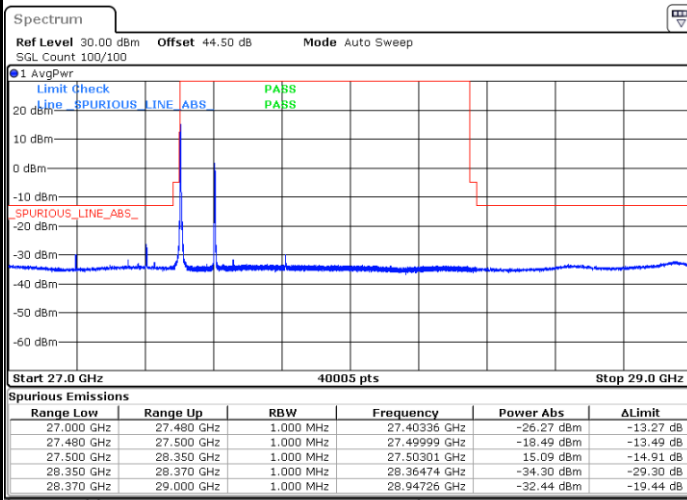




CP-OFDM Module 1

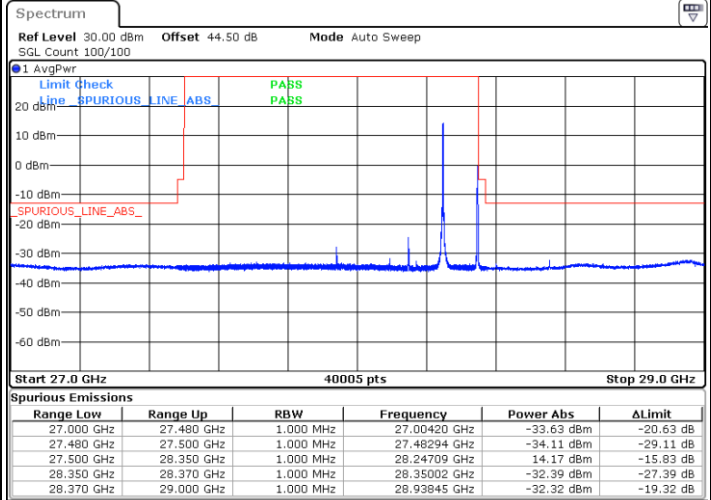
NR Band n261 / 200MHz / QPSK

Lowest Band Edge / 1 RB



Date: 10.AUG.2020 19:20:04

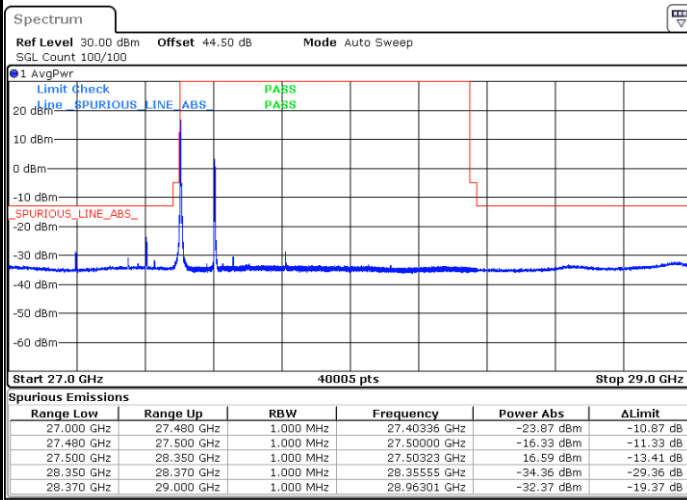
Highest Band Edge / 1 RB



Date: 10.AUG.2020 22:25:57

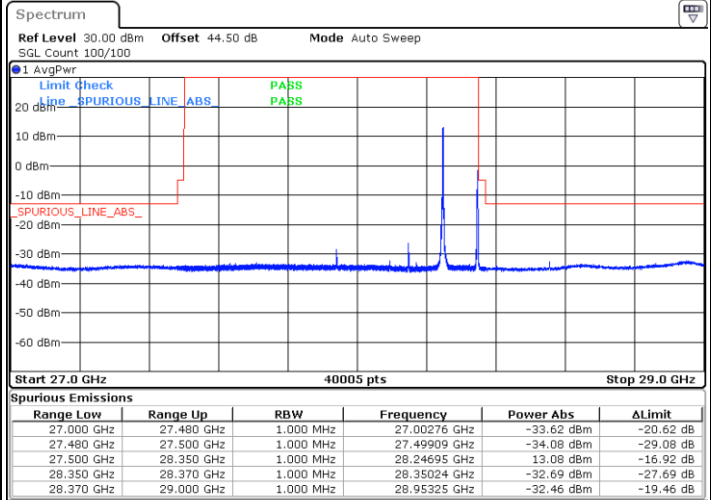
NR Band n261 / 200MHz / 16QAM

Lowest Band Edge / 1 RB



Date: 10.AUG.2020 19:22:00

Highest Band Edge / 1 RB



Date: 10.AUG.2020 22:25:21

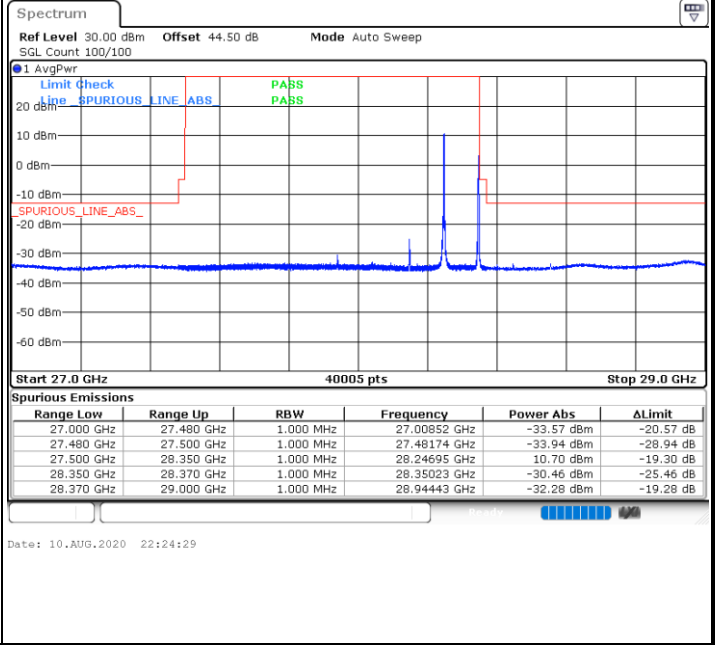
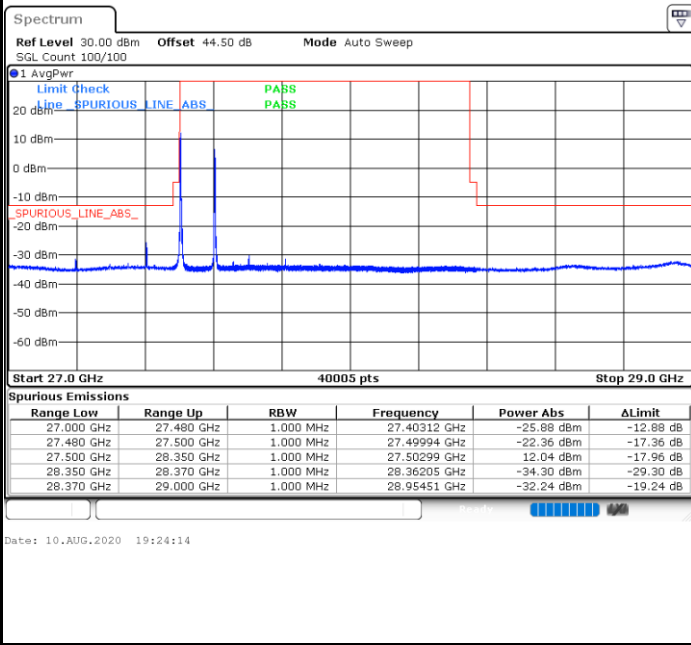


CP-OFDM Module 1

NR Band n261 / 200MHz / 64QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

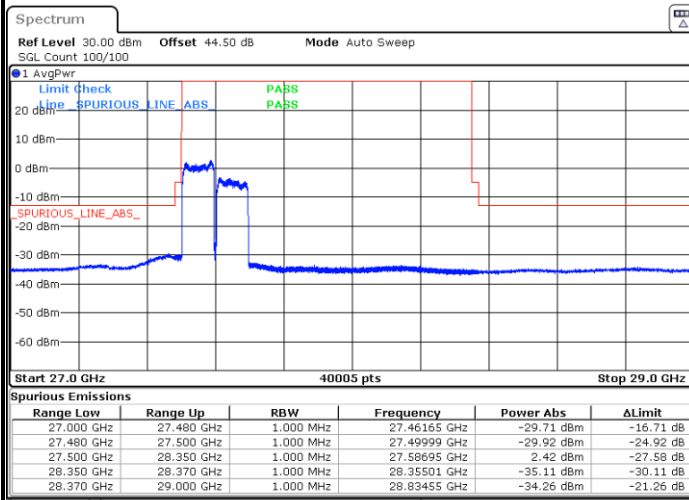




DFT-s-OFDM Module 0

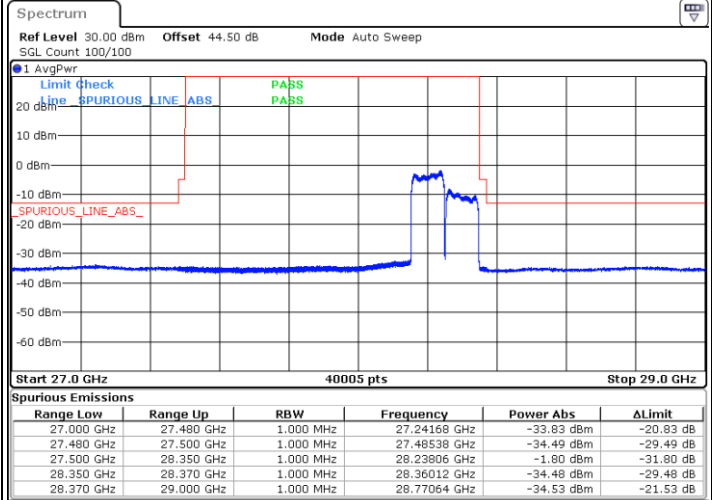
NR Band n261 / 200MHz / QPSK

Lowest Band Edge / Full RB



Date: 6.AUG.2020 22:45:48

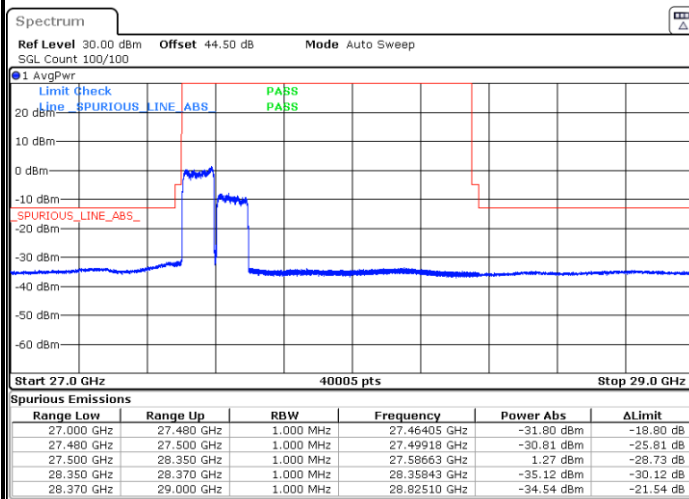
Highest Band Edge / Full RB



Date: 7.AUG.2020 17:46:17

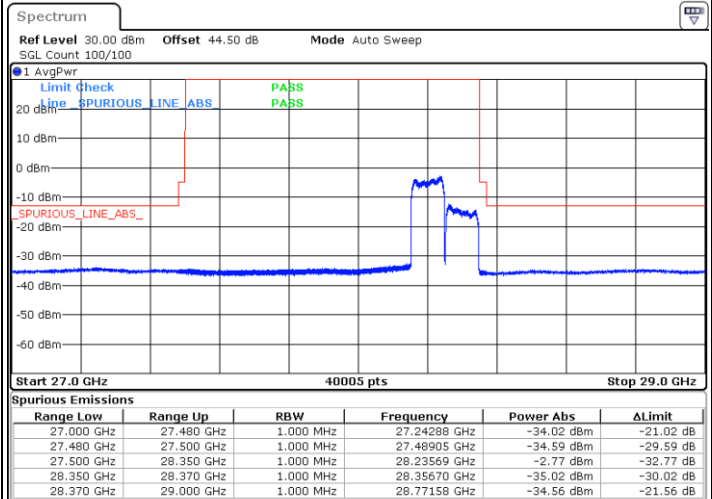
NR Band n261 / 200MHz / 16QAM

Lowest Band Edge / Full RB



Date: 6.AUG.2020 22:46:53

Highest Band Edge / Full RB

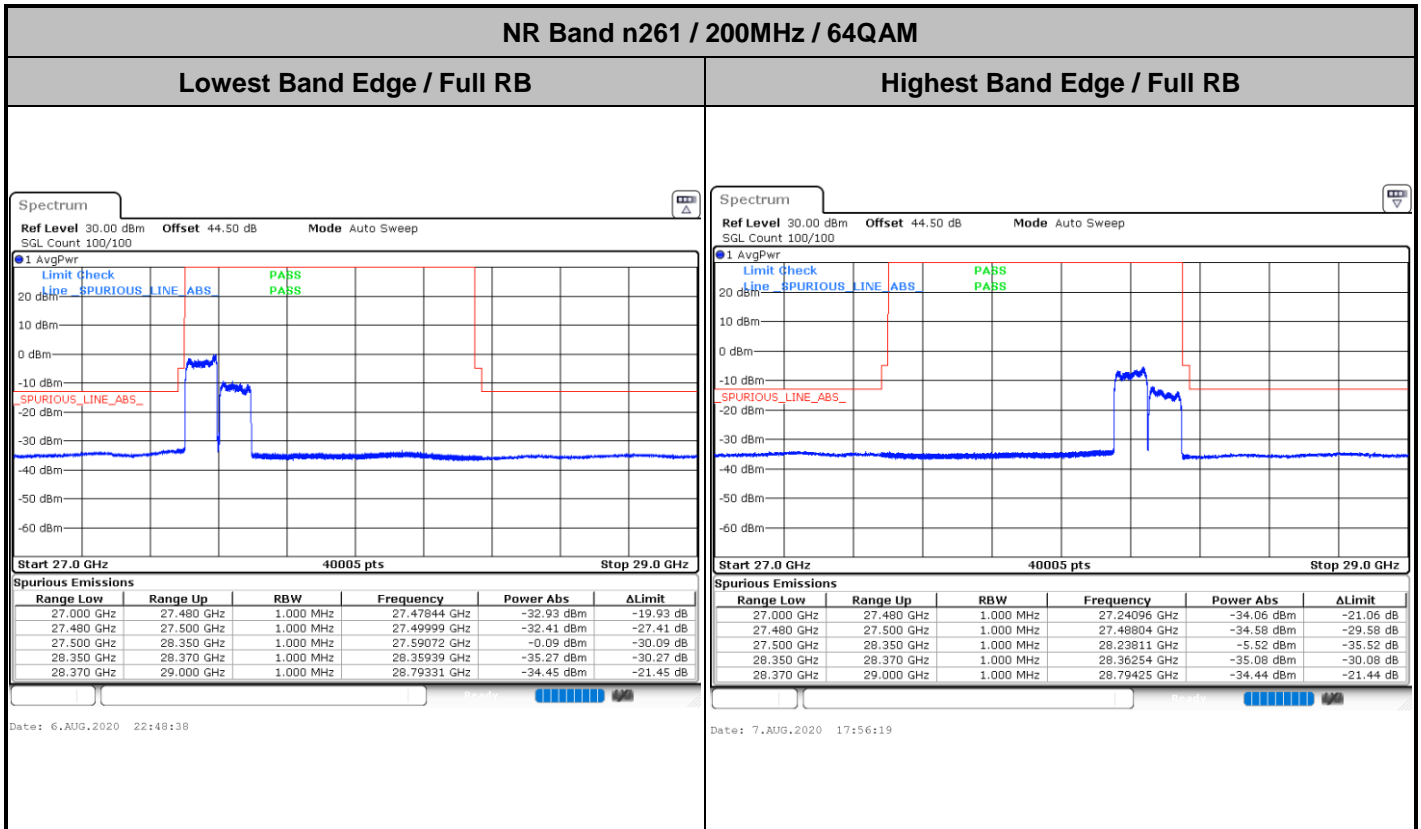


Date: 7.AUG.2020 17:50:55



DFT-s-OFDM Module 0

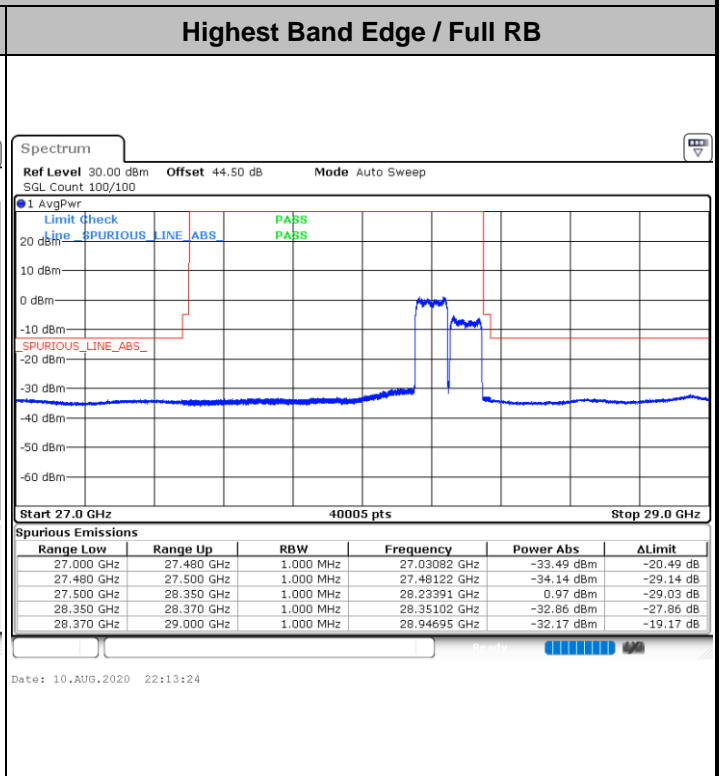
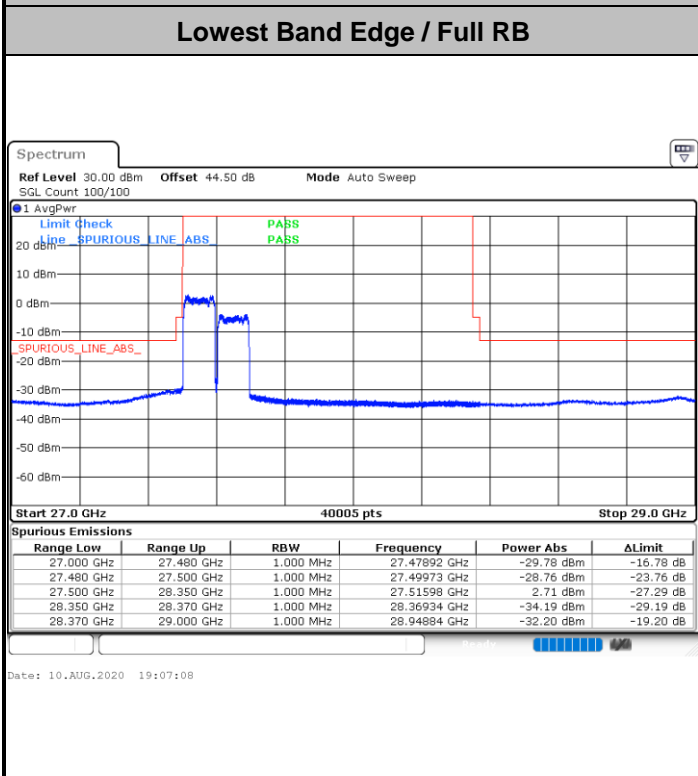
NR Band n261 / 200MHz / 64QAM



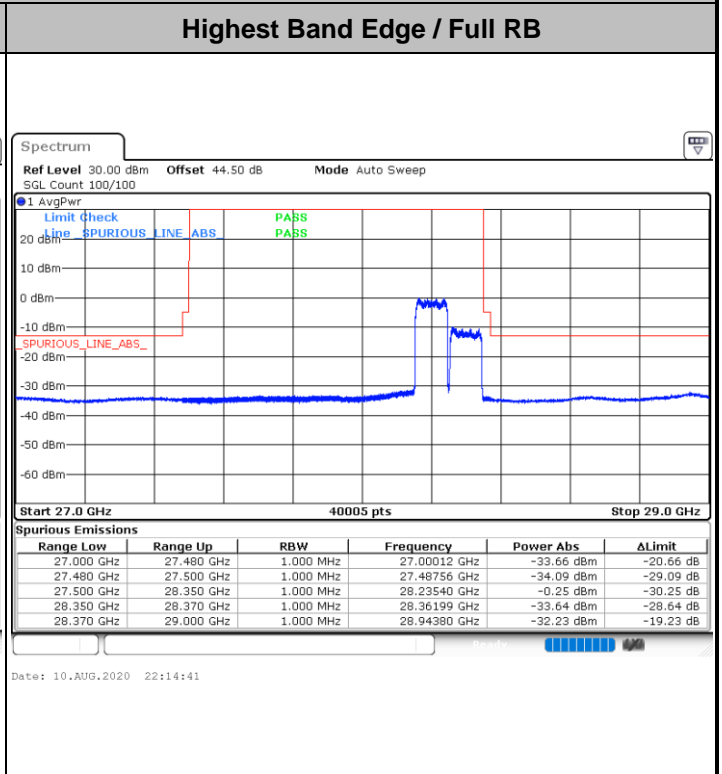
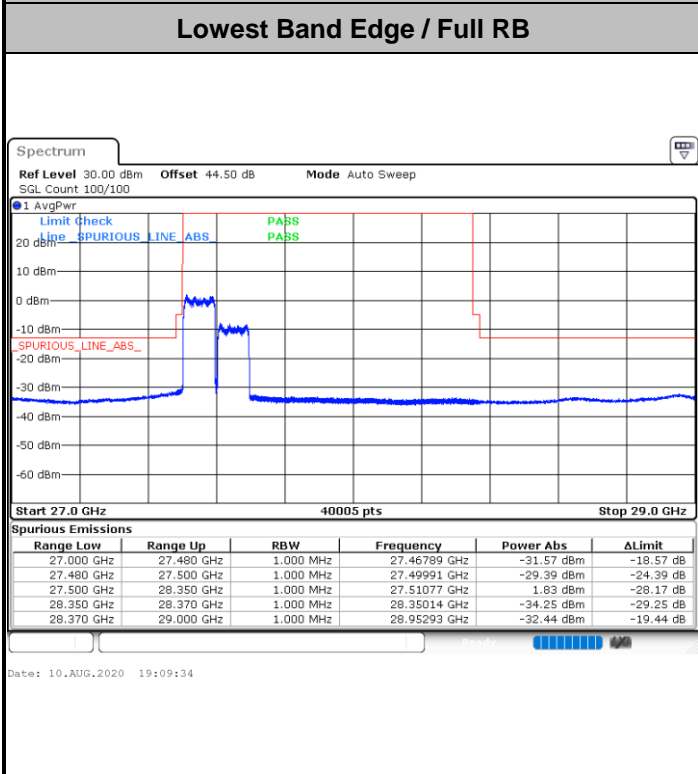


DFT-s-OFDM Module 1

NR Band n261 / 200MHz / QPSK



NR Band n261 / 200MHz / 16QAM



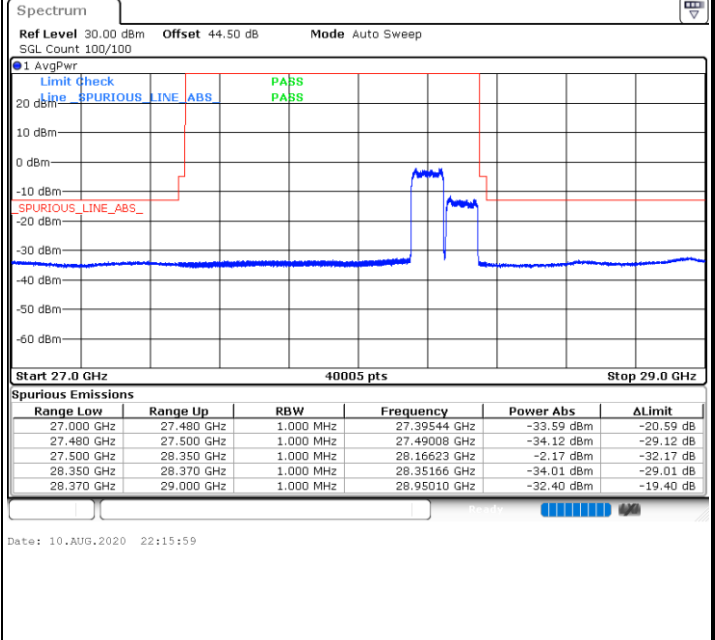
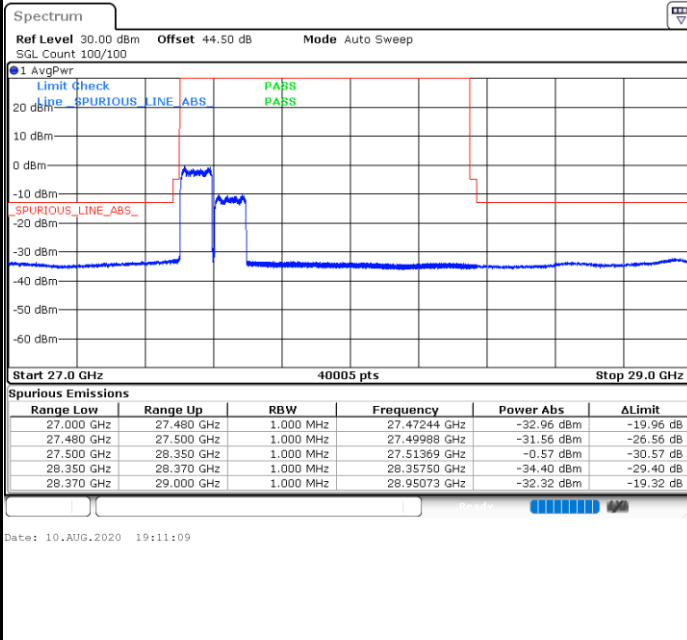


DFT-s-OFDM Module 1

NR Band n261 / 200MHz / 64QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

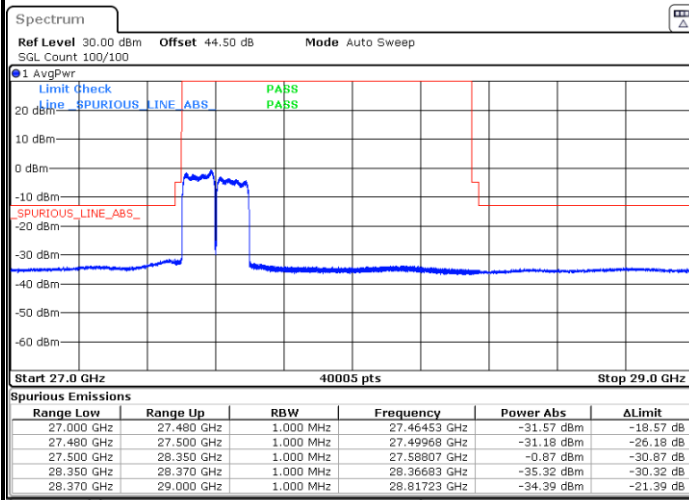




CP-OFDM Module 0

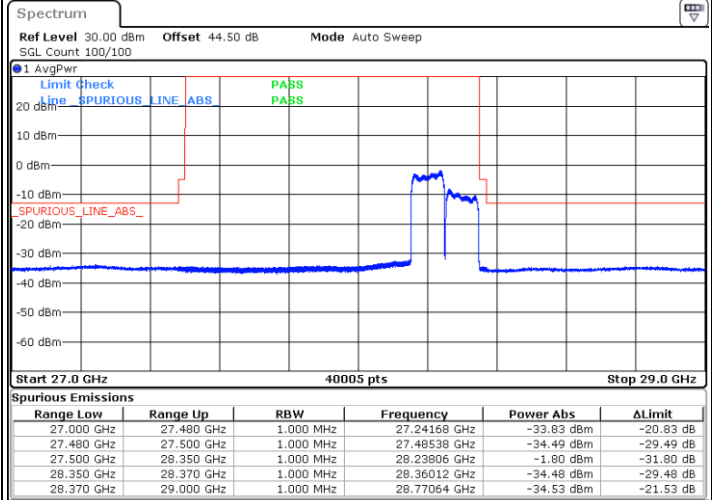
NR Band n261 / 200MHz / QPSK

Lowest Band Edge / Full RB



Date: 6.AUG.2020 23:02:07

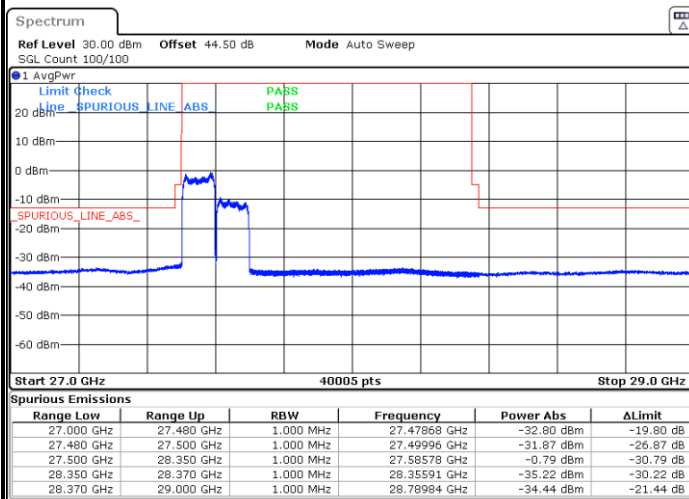
Highest Band Edge / Full RB



Date: 7.AUG.2020 17:46:17

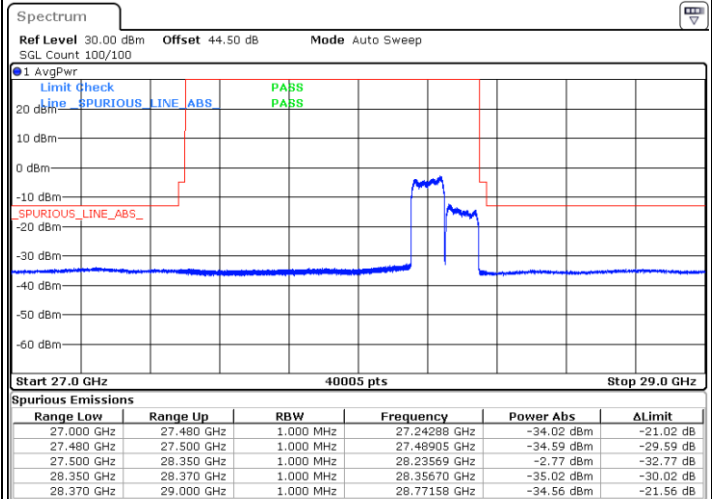
NR Band n261 / 200MHz / 16QAM

Lowest Band Edge / Full RB



Date: 6.AUG.2020 23:00:47

Highest Band Edge / Full RB



Date: 7.AUG.2020 17:50:55

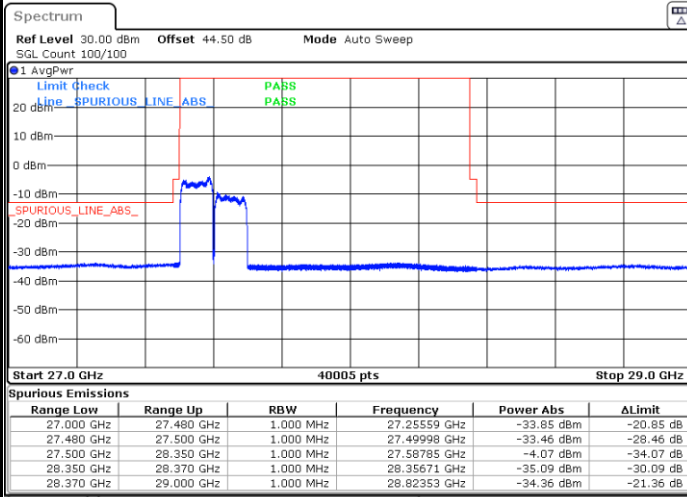


CP-OFDM Module 0

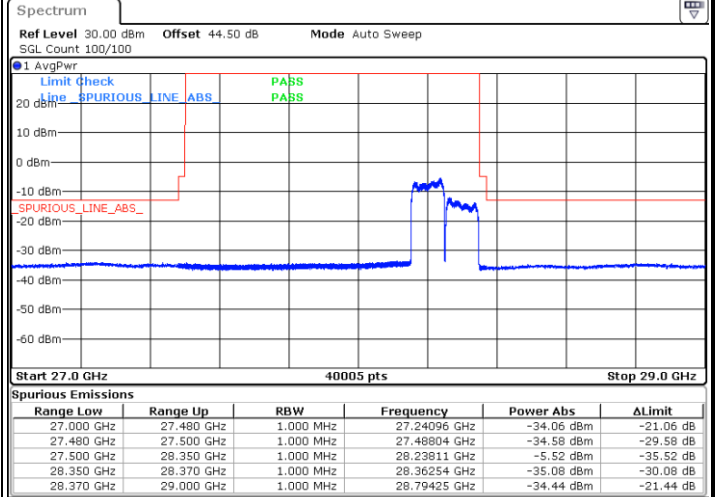
NR Band n261 / 200MHz / 64QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 6.AUG.2020 22:58:53



Date: 7.AUG.2020 17:56:19

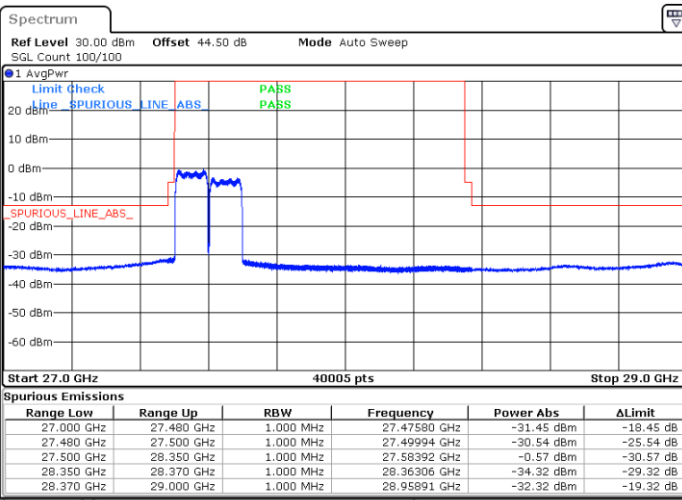




CP-OFDM Module 1

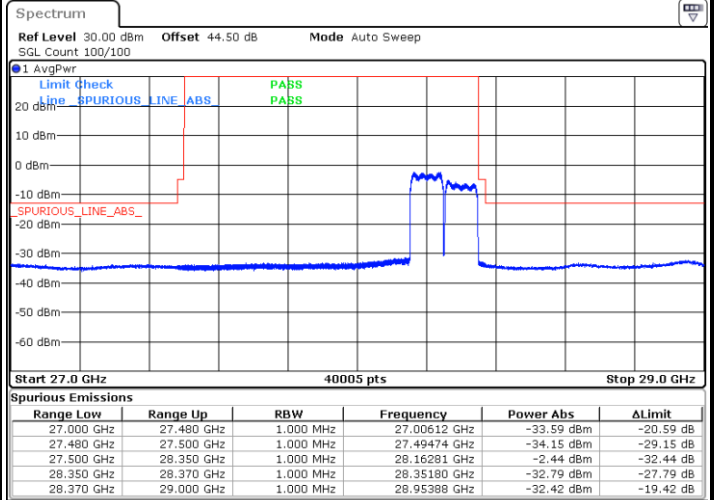
NR Band n261 / 200MHz / QPSK

Lowest Band Edge / Full RB



Date: 10.AUG.2020 19:28:56

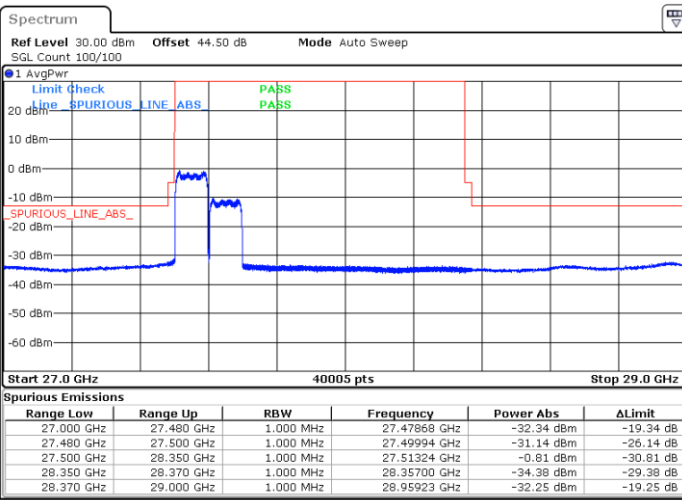
Highest Band Edge / Full RB



Date: 10.AUG.2020 22:32:48

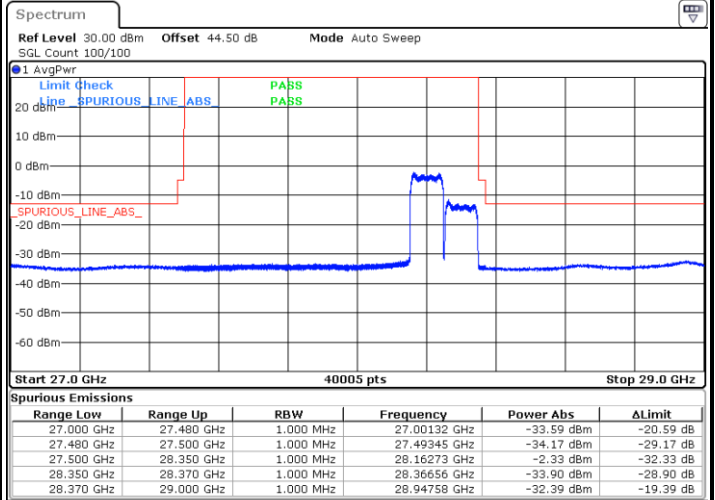
NR Band n261 / 200MHz / 16QAM

Lowest Band Edge / Full RB



Date: 10.AUG.2020 19:26:52

Highest Band Edge / Full RB



Date: 10.AUG.2020 22:31:24

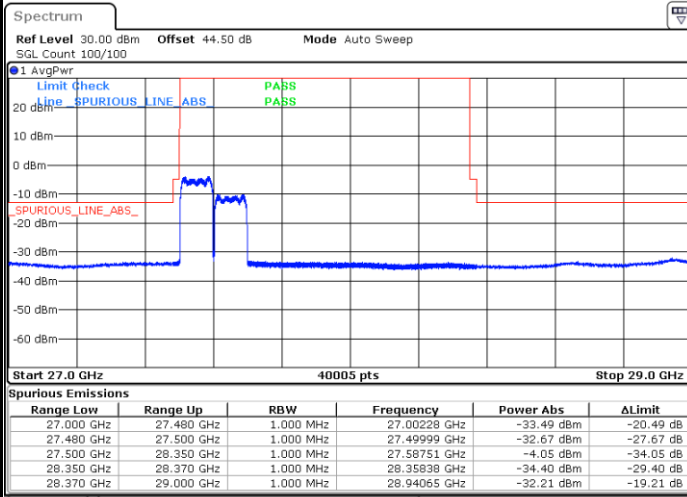


CP-OFDM Module 1

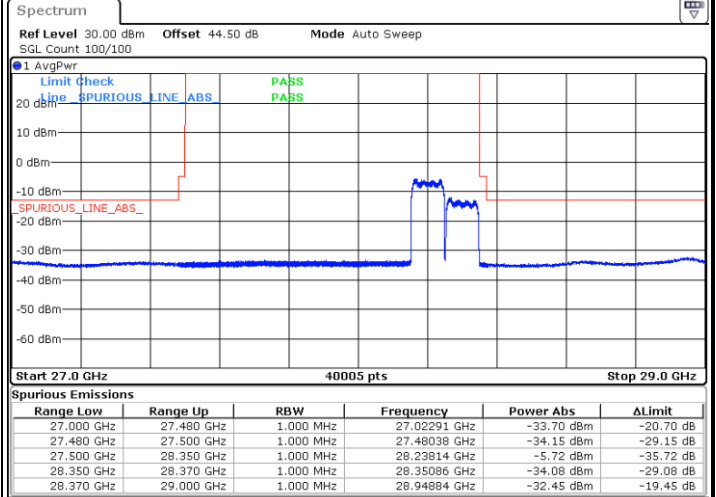
NR Band n261 / 200MHz / 64QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 10.AUG.2020 19:25:33



Date: 10.AUG.2020 22:30:14

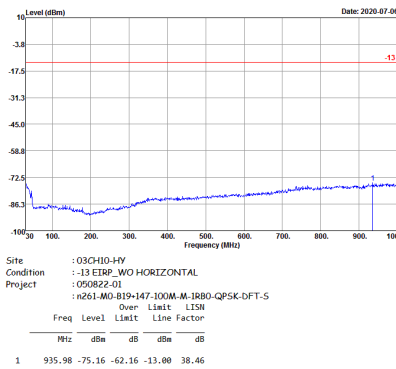


# Spurious Emission

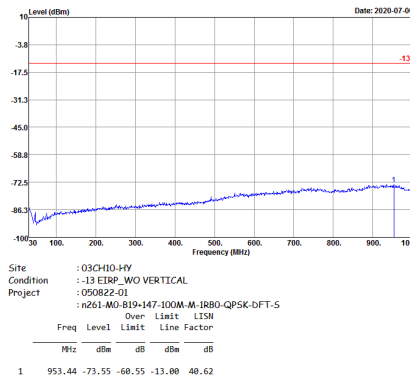
There is no significant spurious emission signal found for frequency started from 9kHz up to 18GHz. Only the noise floor is reported.

## NR Band n261 (30MHz-1GHz)

### Horizontal



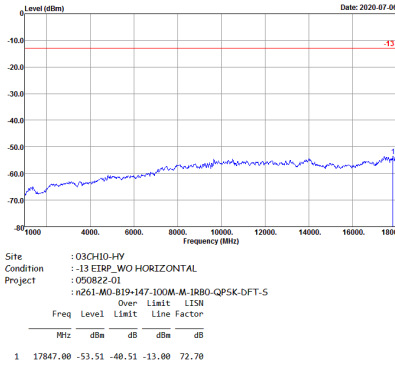
### Vertical



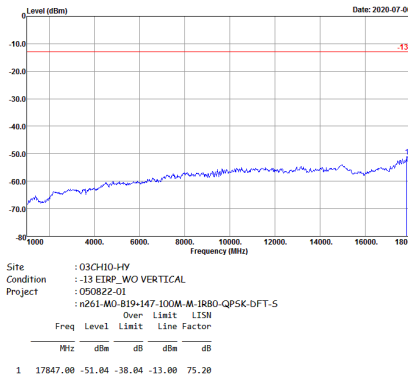


NR Band n261 (1GHz-18GHz)

Horizontal



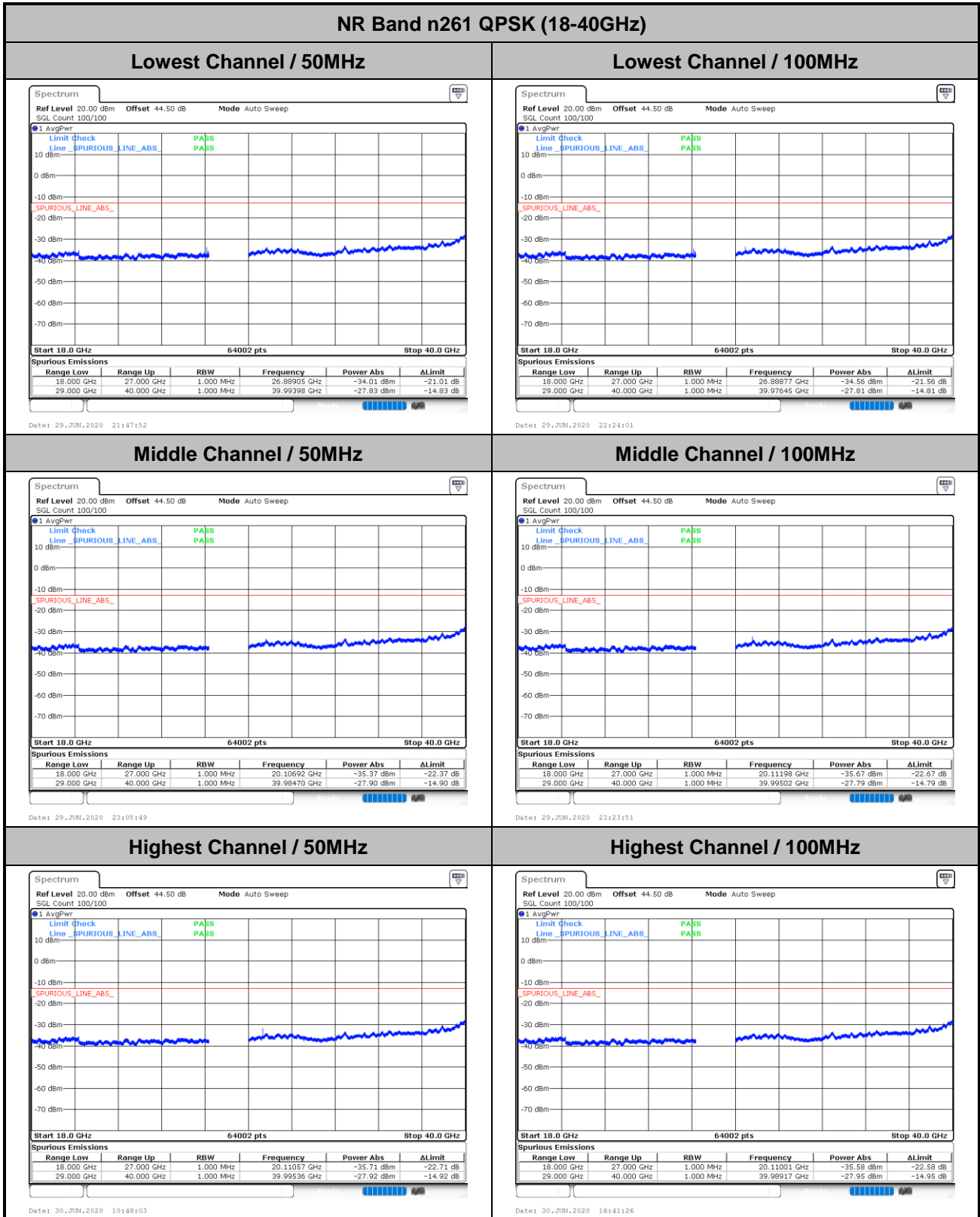
Vertical





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

DFT-s-OFDM Module 0

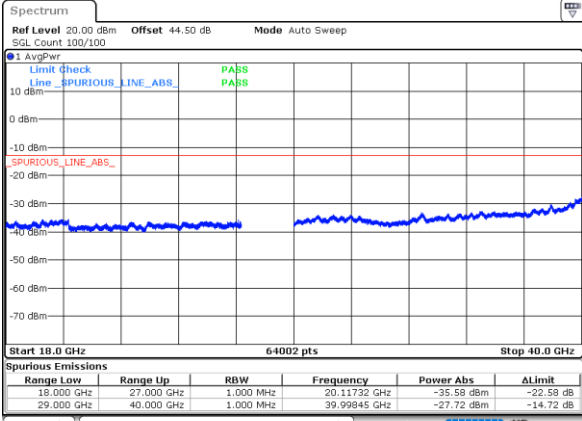




DFT-s-OFDM Module 1

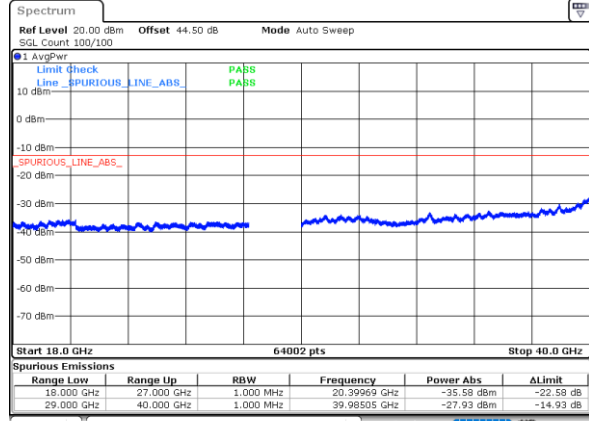
NR Band n261 QPSK (18-40GHz)

Lowest Channel / 50MHz



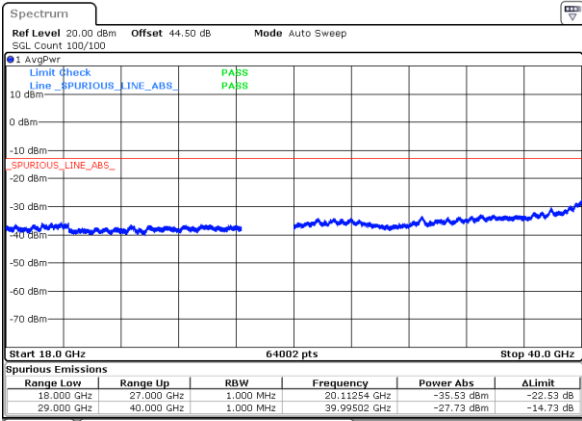
Date: 29\_JUN\_2020 10:47:53

Lowest Channel / 100MHz



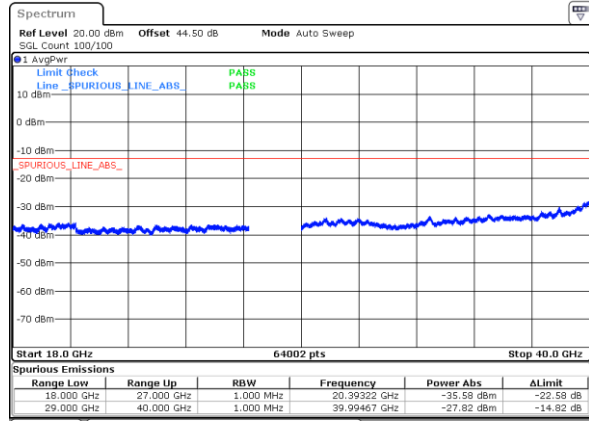
Date: 29\_JUN\_2020 16:29:00

Middle Channel / 50MHz



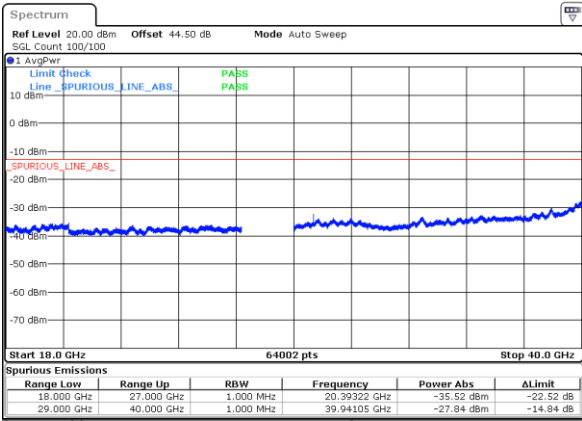
Date: 29\_JUN\_2020 17:15:06

Middle Channel / 100MHz



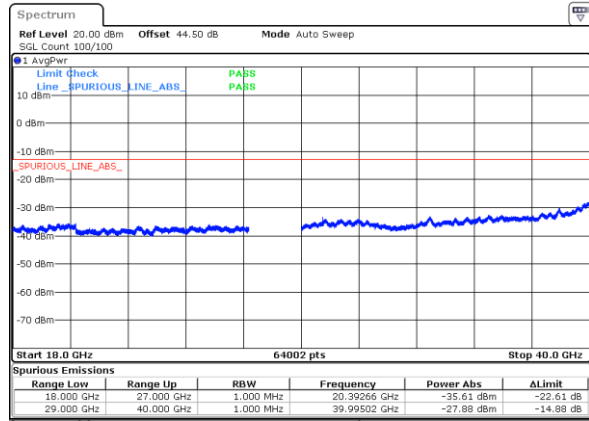
Date: 29\_JUN\_2020 17:33:43

Highest Channel / 50MHz



Date: 29\_JUN\_2020 20:10:24

Highest Channel / 100MHz



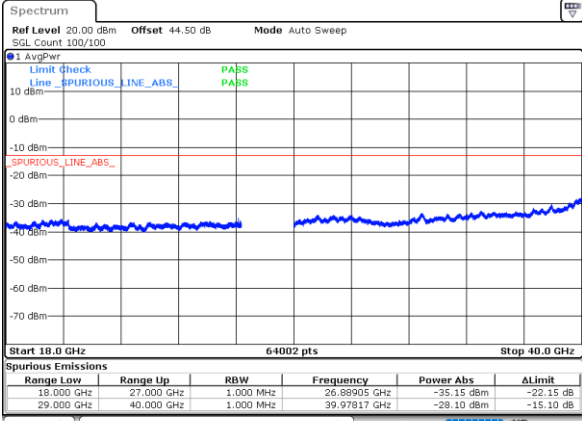
Date: 27\_JUN\_2020 18:32:25



CP-OFDM Module 0

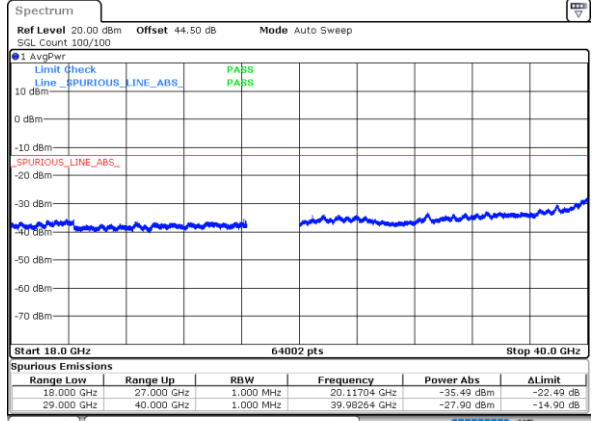
NR Band n261 QPSK (18-40GHz)

Lowest Channel / 50MHz



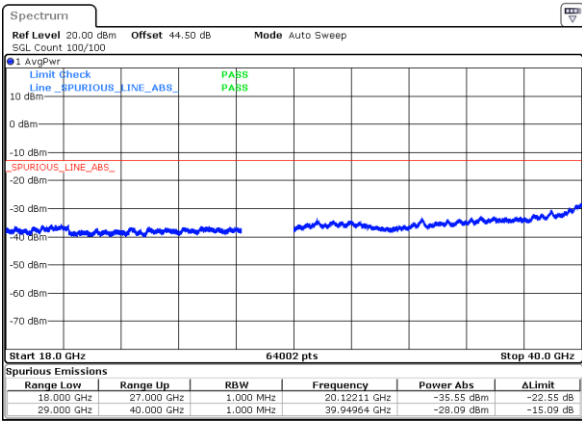
Date: 29\_JUN,2020 22:15:55

Lowest Channel / 100MHz



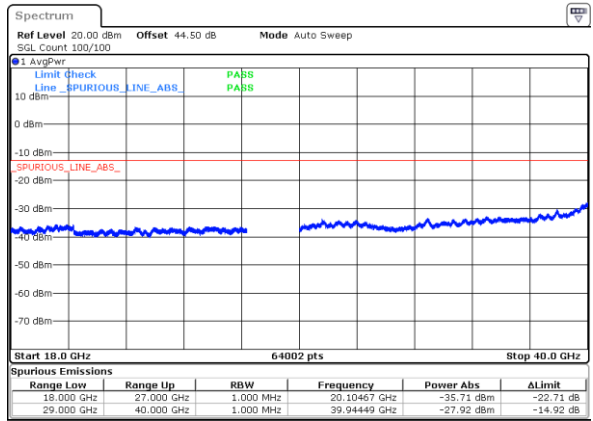
Date: 29\_JUN,2020 22:54:20

Middle Channel / 50MHz



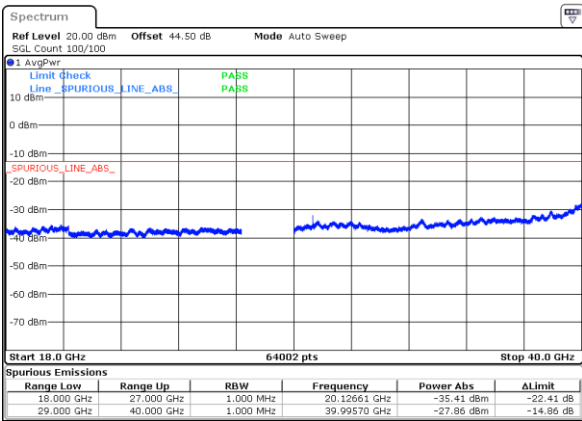
Date: 29\_JUN,2020 23:17:49

Middle Channel / 100MHz



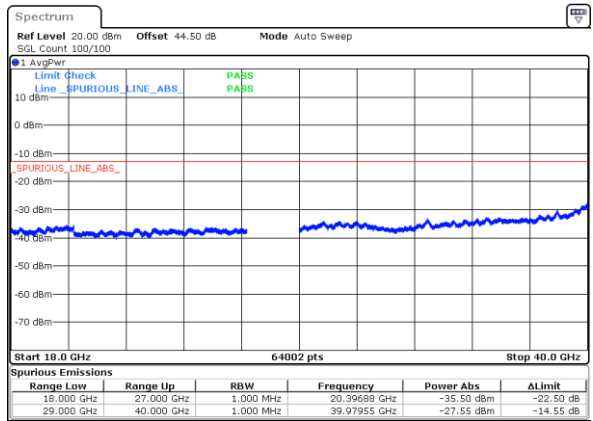
Date: 30\_JUN,2020 00:10:13

Highest Channel / 50MHz



Date: 30\_JUN,2020 10:50:14

Highest Channel / 100MHz



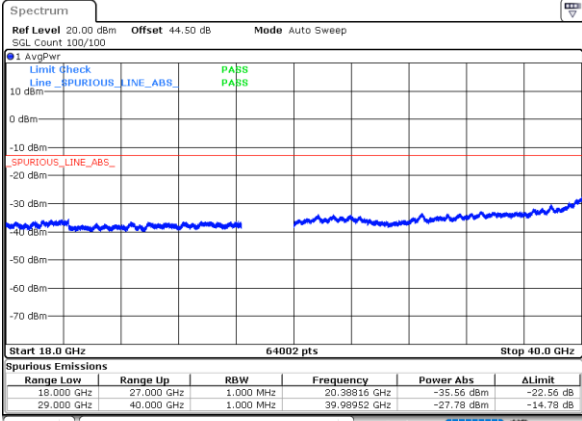
Date: 30\_JUN,2020 16:42:26



CP-OFDM Module 1

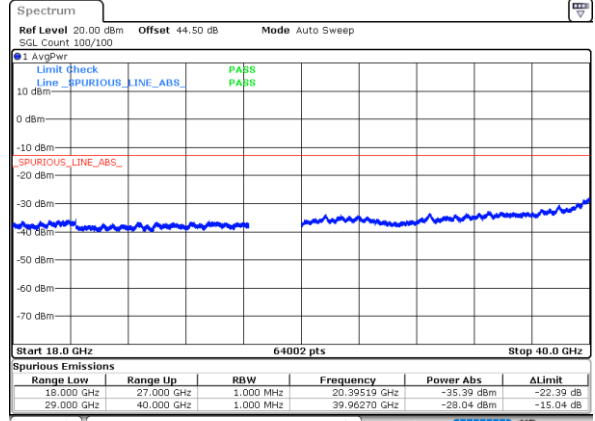
NR Band n261 QPSK (18-40GHz)

Lowest Channel / 50MHz



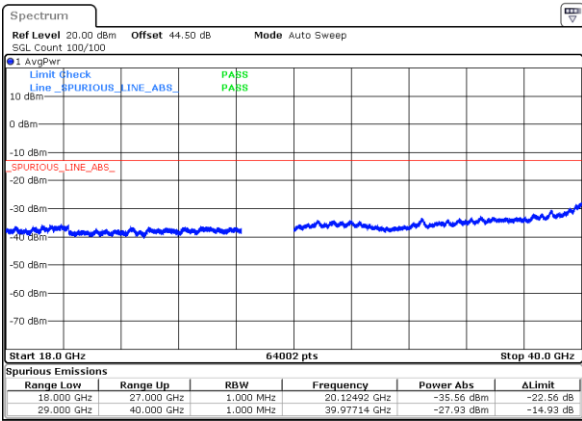
Date: 29\_JUN\_2020 10:52:11

Lowest Channel / 100MHz



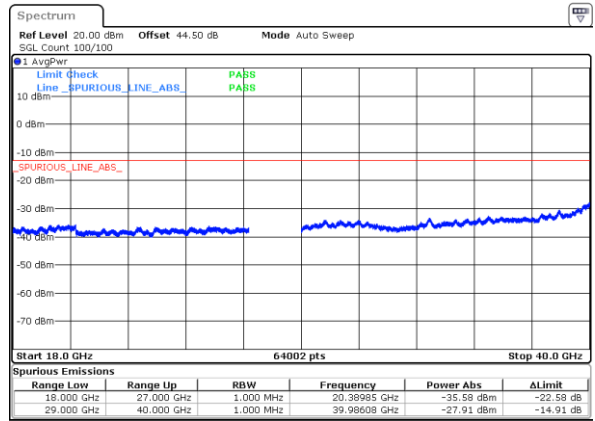
Date: 29\_JUN\_2020 16:30:45

Middle Channel / 50MHz



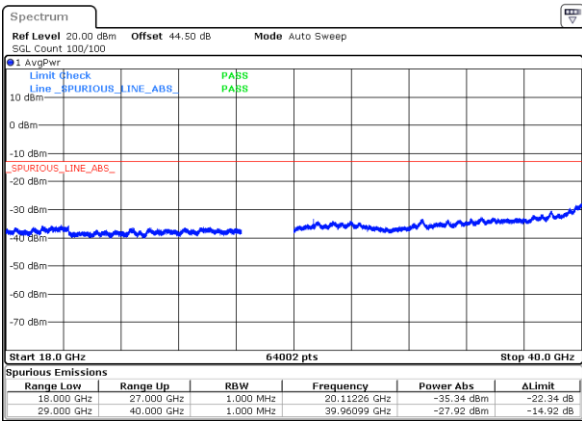
Date: 29\_JUN\_2020 17:16:21

Middle Channel / 100MHz



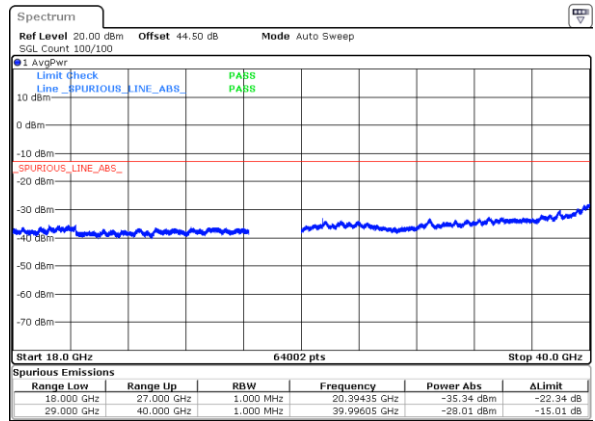
Date: 29\_JUN\_2020 17:34:38

Highest Channel / 50MHz



Date: 29\_JUN\_2020 21:12:47

Highest Channel / 100MHz



Date: 27\_JUN\_2020 18:33:34

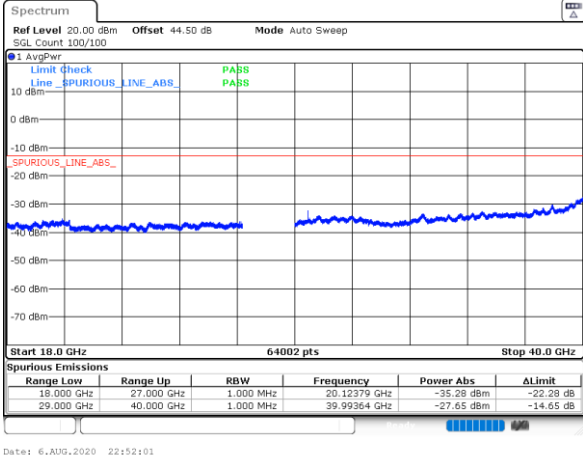




DFT-s-OFDM Module 0

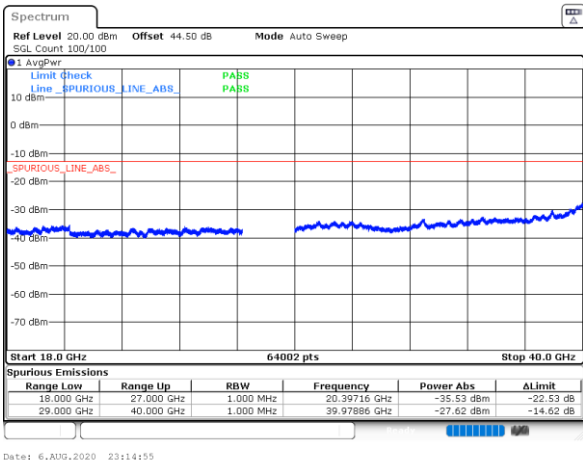
NR Band n261 QPSK (18-40GHz)

Lowest Channel / 200MHz



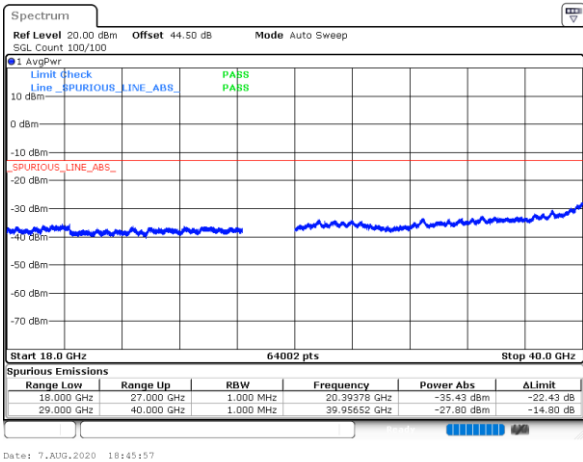
intentionally blank

Middle Channel / 200MHz



intentionally blank

Highest Channel / 200MHz



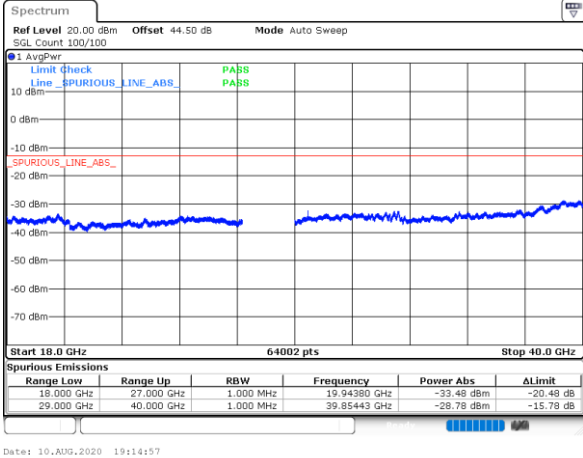
intentionally blank



DFT-s-OFDM Module 1

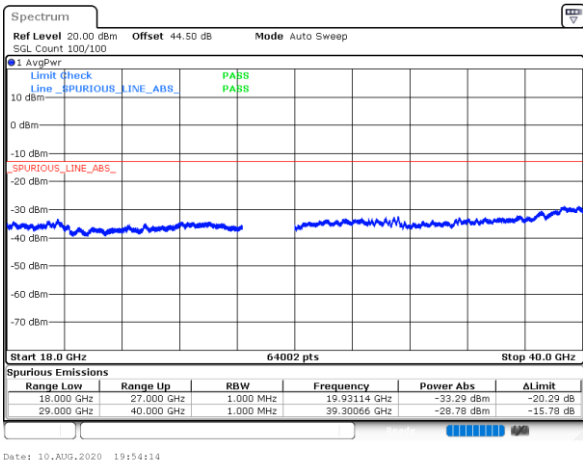
NR Band n261 QPSK (18-40GHz)

Lowest Channel / 200MHz



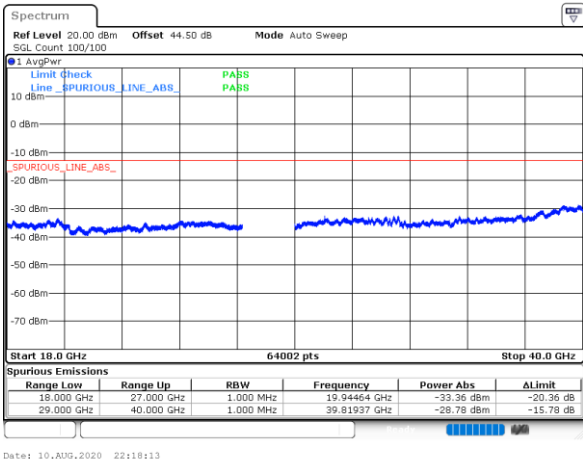
intentionally blank

Middle Channel / 200MHz



intentionally blank

Highest Channel / 200MHz



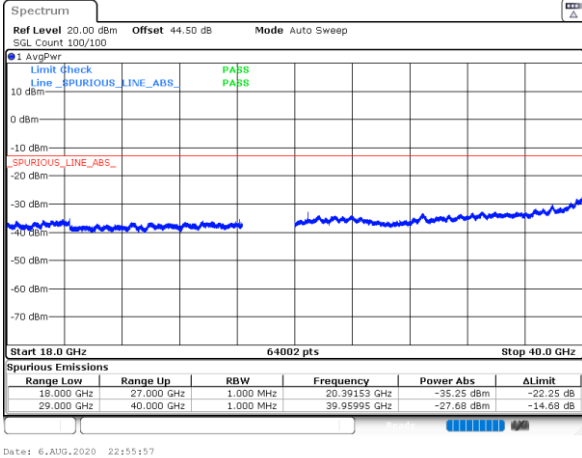
intentionally blank



CP-OFDM Module 0

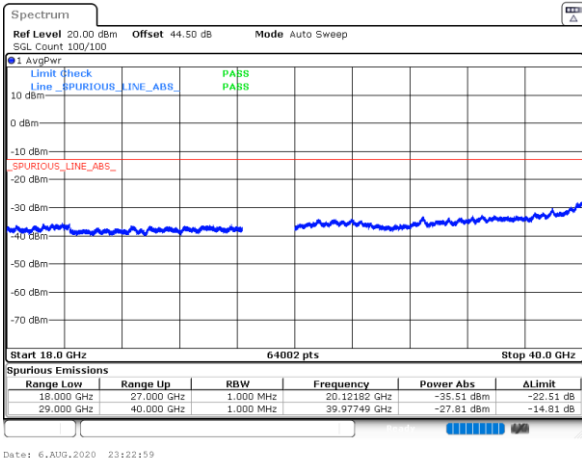
NR Band n261 QPSK (18-40GHz)

Lowest Channel / 200MHz



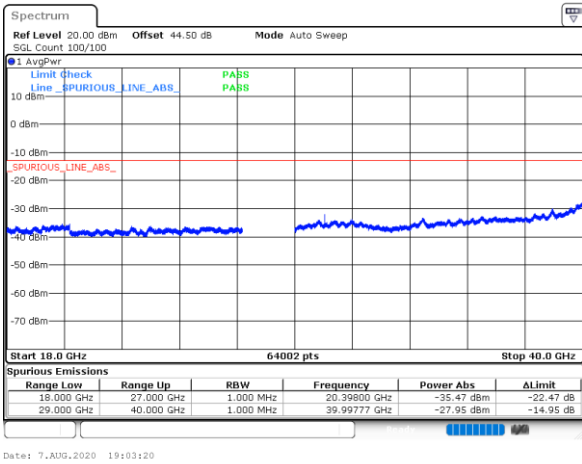
intentionally blank

Middle Channel / 200MHz



intentionally blank

Highest Channel / 200MHz



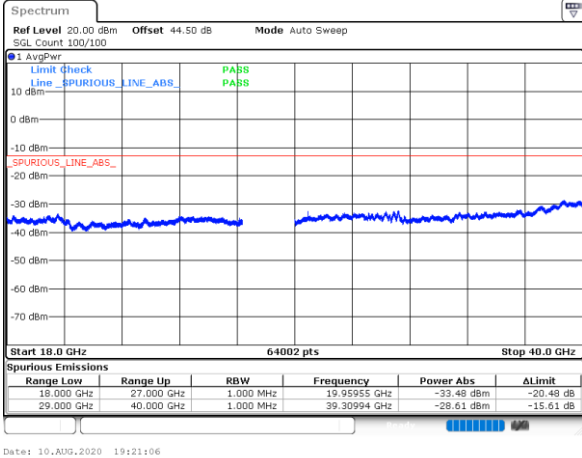
intentionally blank



CP-OFDM Module 1

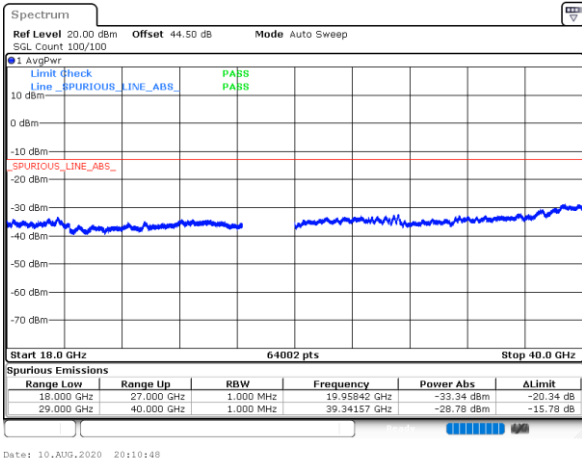
NR Band n261 QPSK (18-40GHz)

Lowest Channel / 200MHz



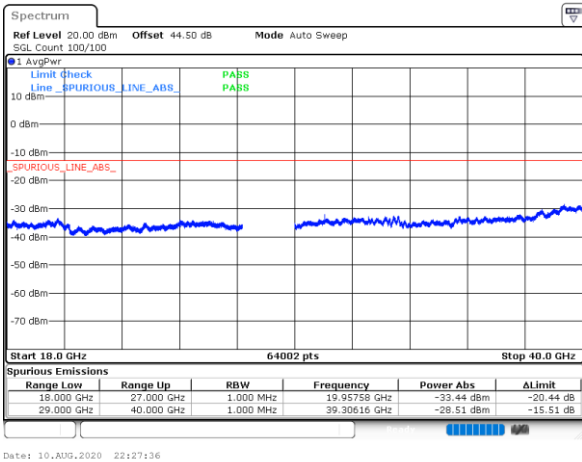
intentionally blank

Middle Channel / 200MHz



intentionally blank

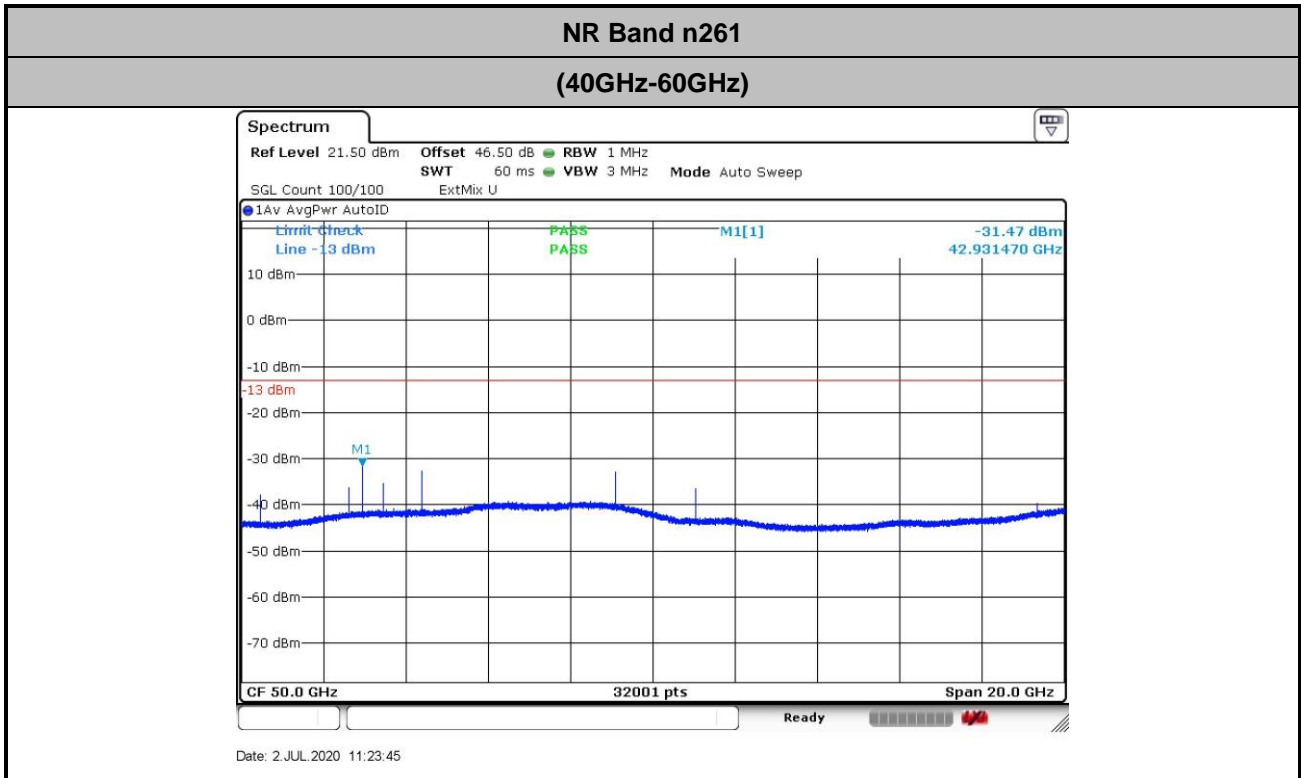
Highest Channel / 200MHz



intentionally blank

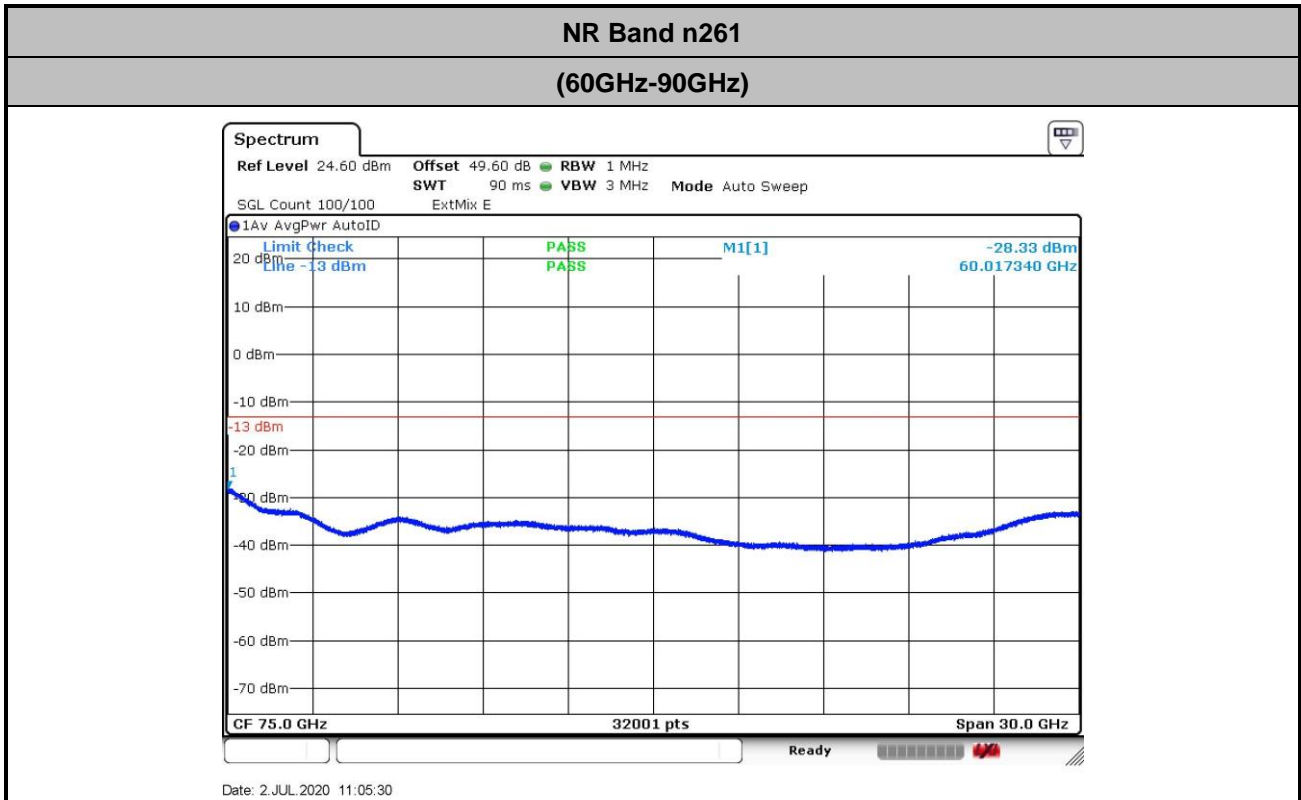


There is no significant spurious emission signal found for frequency started from 40GHz up to 100GHz. Only the noise floor is reported.

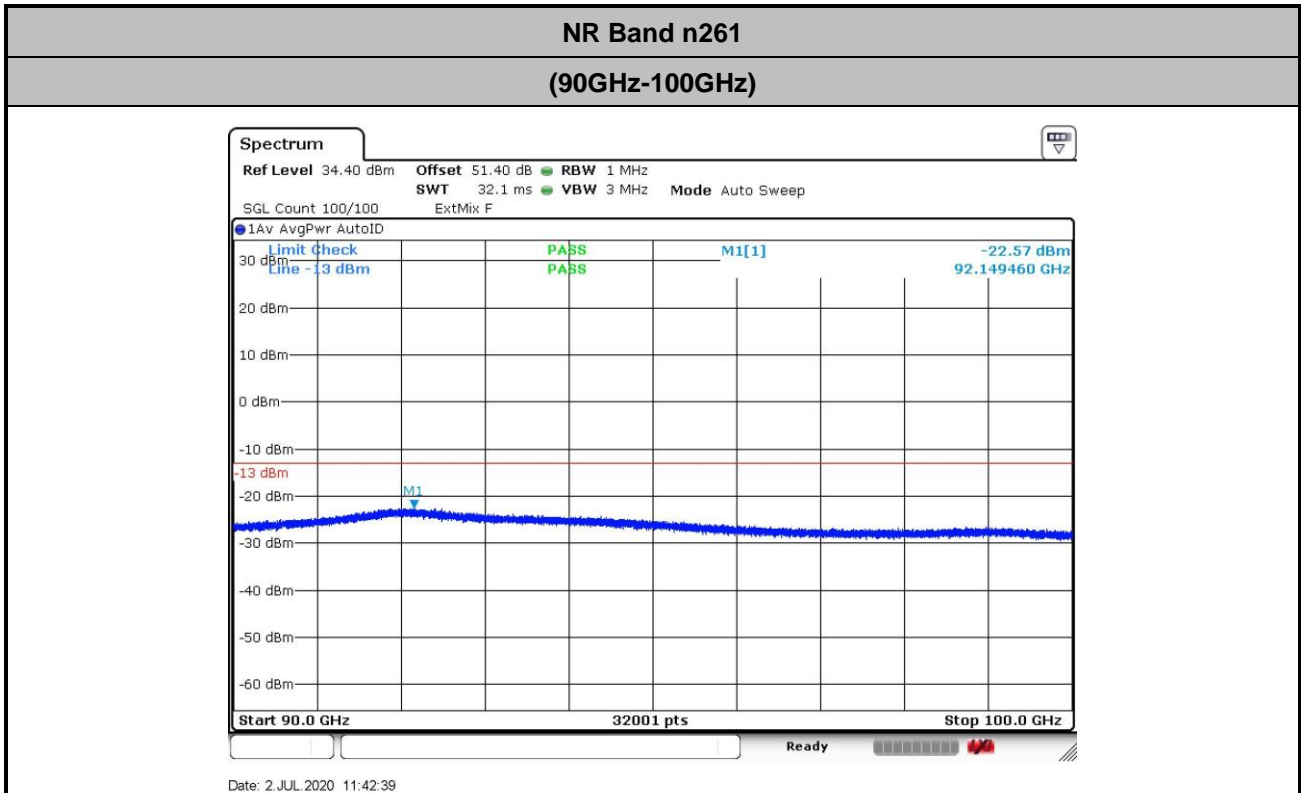


$$\text{Offset} = \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8$$

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



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



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

$$= 49.0 + 2.2 + 107 + 20\log(1) - 104.8 = 51.4 \text{ (dB)}$$



# NR Band n261 AG0+AG1

## Occupied Bandwidth

Mode	DFT-s-OFDM Module 0 NR Band n261 : 99%OBW(MHz)					
BW	50MHz			100MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	45.10	45.46	45.00	90.68	90.80	90.64
Middle CH	45.58	45.34	45.34	90.44	90.64	90.56
Highest CH	45.52	45.42	45.22	90.76	90.56	90.36

Mode	DFT-s-OFDM Module 1 NR Band n261 : 99%OBW(MHz)					
BW	50MHz			100MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	45.36	45.54	45.26	90.64	91.00	90.60
Middle CH	45.52	45.62	45.32	90.56	91.08	90.64
Highest CH	45.2	45.42	45.16	90.68	90.60	90.44

Mode	CP-OFDM Module 0 NR Band n261 : 99%OBW(MHz)					
BW	50MHz			100MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	45.14	45.36	45.18	93.36	93.32	92.88
Middle CH	45.60	45.58	45.30	92.96	92.84	93.16
Highest CH	45.3	45.34	45.08	92.96	92.60	92.48

Mode	CP-OFDM Module 1 NR Band n261 : 99%OBW(MHz)					
BW	50MHz			100MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	45.38	45.30	45.24	93.36	93.36	92.96
Middle CH	45.54	45.52	45.52	93.28	93.40	92.88
Highest CH	45.50	45.52	45.50	92.80	92.92	92.80





Mode	DFT-s-OFDM Module 0 NR Band n261 : 99%OBW(MHz)		
BW	200MHz		
Mod.	QPSK	16QAM	64QAM
Lowest CH	187.52	185.76	188.64
Middle CH	188.32	185.84	185.52
Highest CH	186.88	185.60	182.08

Mode	DFT-s-OFDM Module 1 NR Band n261 : 99%OBW(MHz)		
BW	200MHz		
Mod.	QPSK	16QAM	64QAM
Lowest CH	187.60	186.08	182.08
Middle CH	188.32	188.08	184.00
Highest CH	186.08	183.76	184.88

Mode	CP-OFDM Module 0 NR Band n261 : 99%OBW(MHz)		
BW	200MHz		
Mod.	QPSK	16QAM	64QAM
Lowest CH	190.80	186.48	190.88
Middle CH	190.16	186.40	189.04
Highest CH	190.40	186.56	189.60

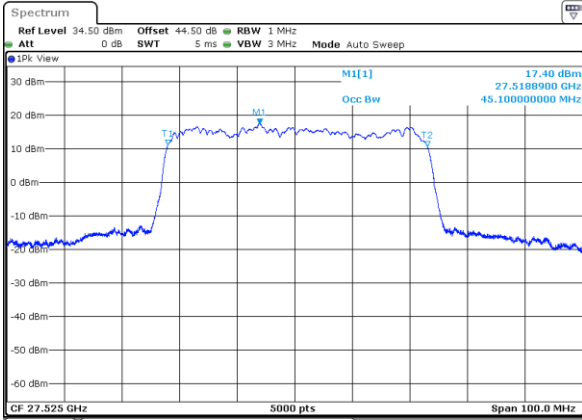
Mode	CP-OFDM Module 1 NR Band n261 : 99%OBW(MHz)		
BW	200MHz		
Mod.	QPSK	16QAM	64QAM
Lowest CH	190.80	187.28	190.00
Middle CH	190.56	187.60	189.92
Highest CH	190.40	186.24	189.36



DFT-s-OFDM Module 0

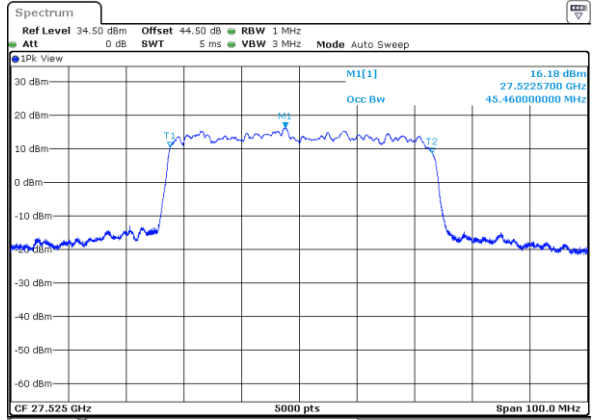
NR Band n261

Lowest Channel / 50MHz / QPSK



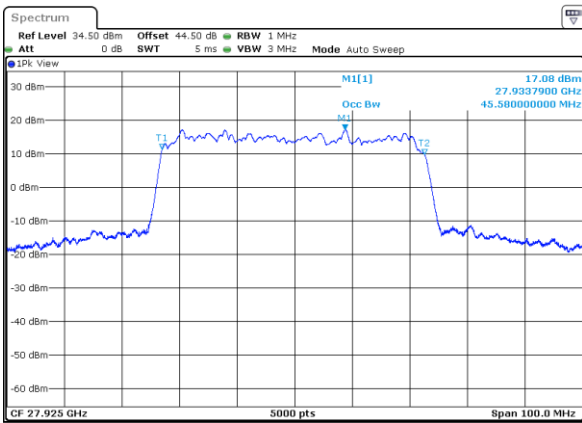
Date: 23\_JUN.2020 14:29:06

Lowest Channel / 50MHz / 16QAM



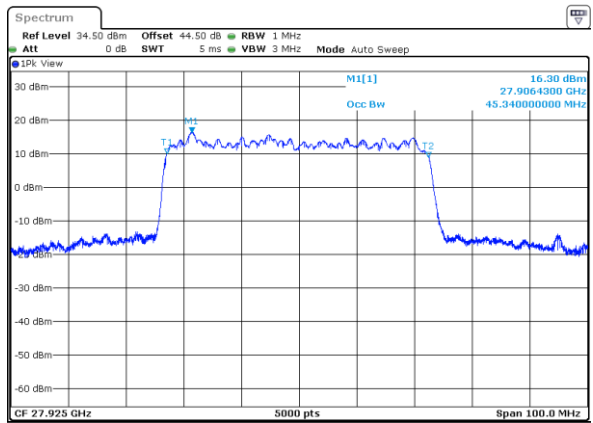
Date: 23\_JUN.2020 14:34:26

Middle Channel / 50MHz / QPSK



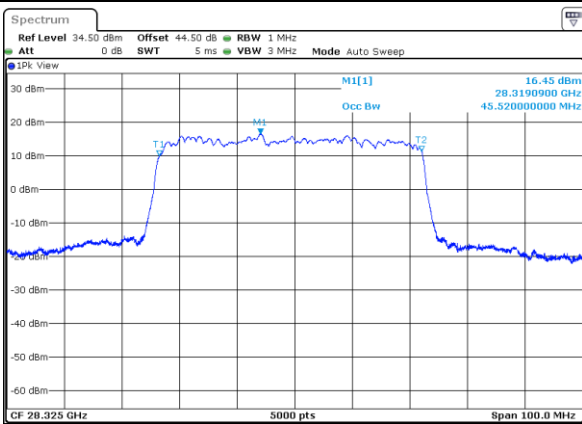
Date: 24\_JUN.2020 14:10:12

Middle Channel / 50MHz / 16QAM



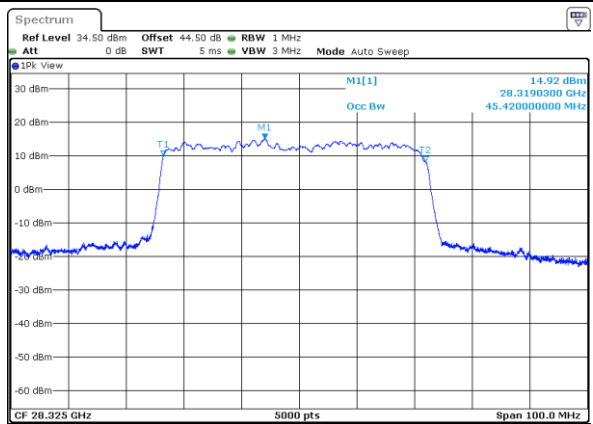
Date: 24\_JUN.2020 14:11:43

Highest Channel / 50MHz / QPSK



Date: 25\_JUN.2020 13:34:03

Highest Channel / 50MHz / 16QAM



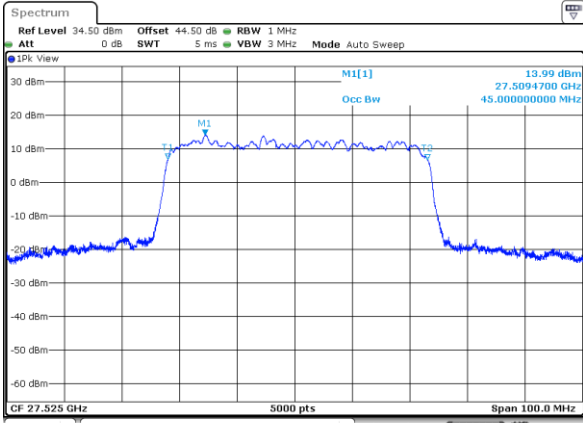
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DFT-s-OFDM Module 0

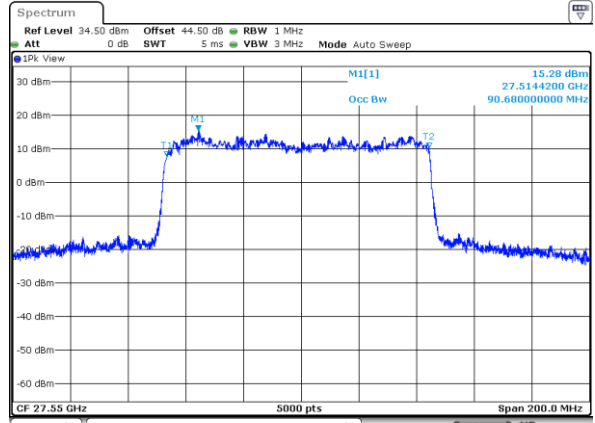
NR Band n261

Lowest Channel / 50MHz / 64QAM



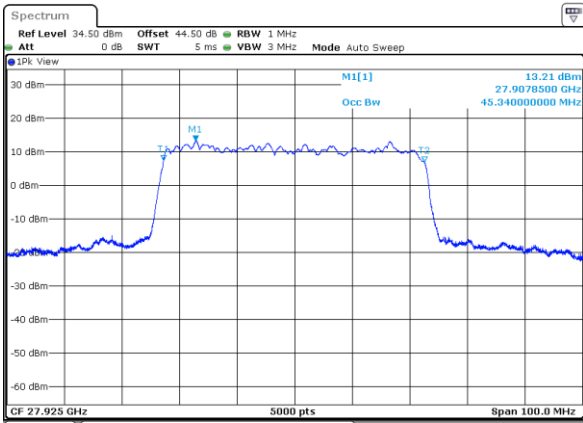
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Lowest Channel / 100MHz / QPSK



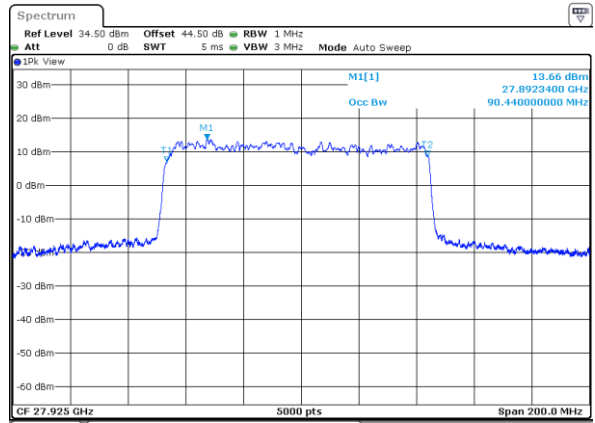
Date: 23 JUN 2020 16:19:19

Middle Channel / 50MHz / 64QAM



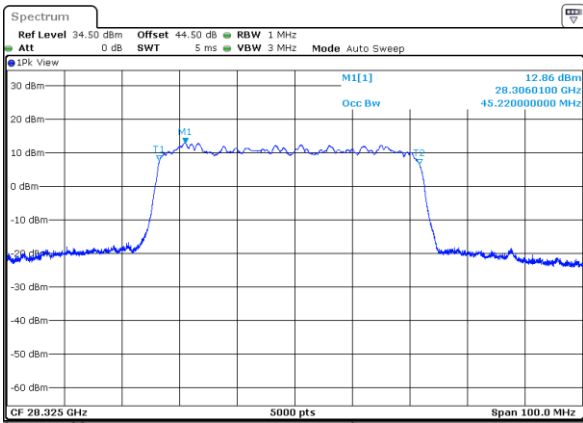
Date: 24 JUN 2020 14:13:13

Middle Channel / 100MHz / QPSK



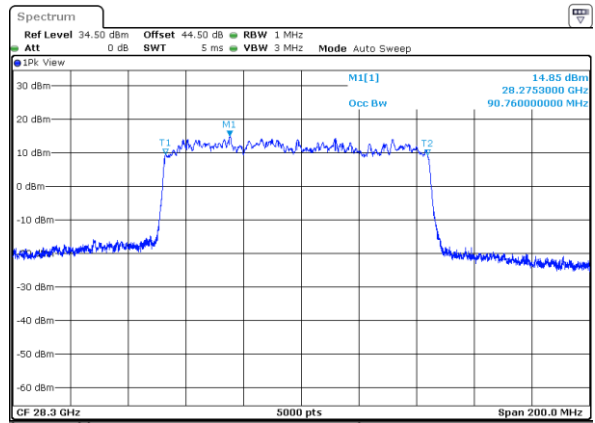
Date: 24 JUN 2020 17:08:55

Highest Channel / 50MHz / 64QAM



Date: 25 JUN 2020 13:41:55

Highest Channel / 100MHz / QPSK



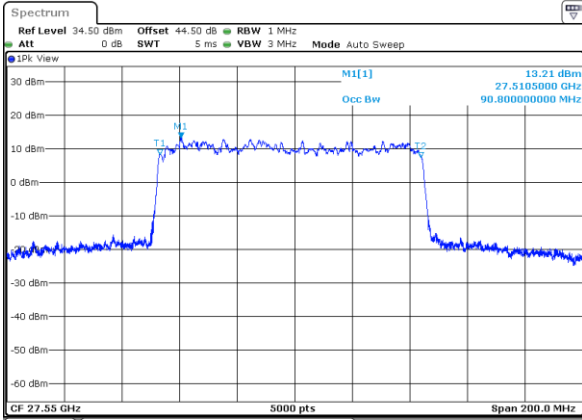
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DFT-s-OFDM Module 0

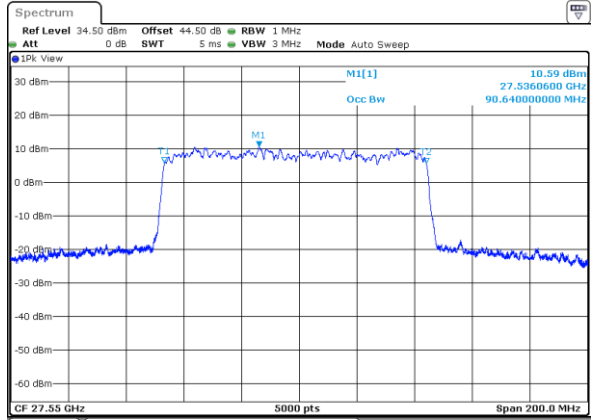
NR Band n261

Lowest Channel / 100MHz / 16QAM



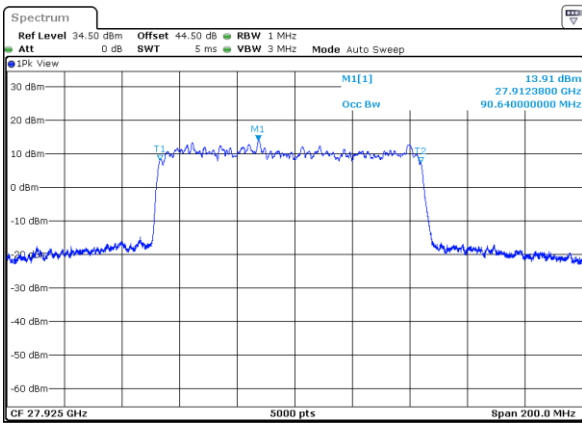
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Lowest Channel / 100MHz / 64QAM



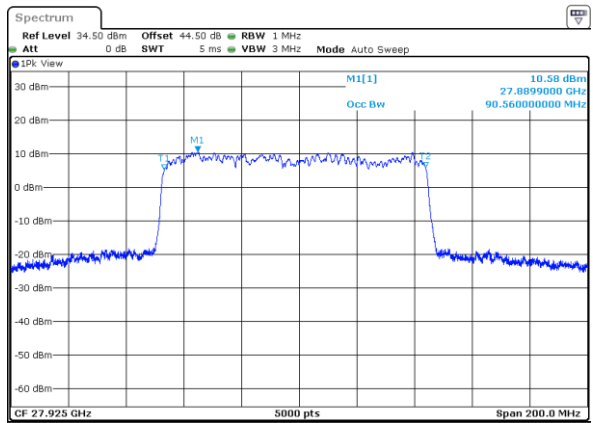
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Middle Channel / 100MHz / 16QAM



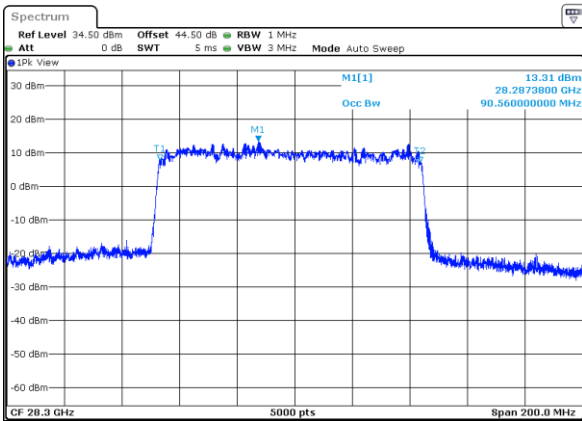
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Middle Channel / 100MHz / 64QAM



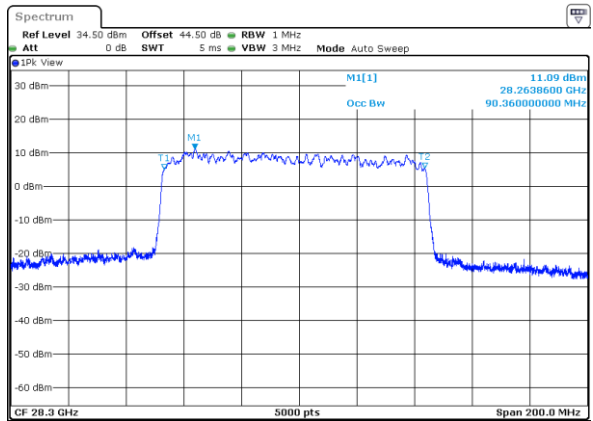
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Highest Channel / 100MHz / 16QAM



Date: 25\_JUN.2020 16:41:11

Highest Channel / 100MHz / 64QAM



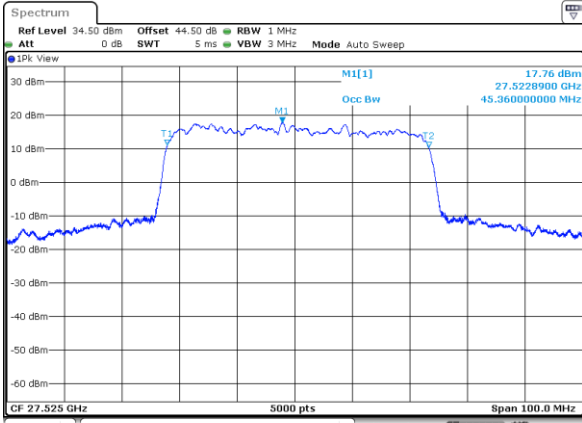
Date: 25\_JUN.2020 16:43:00



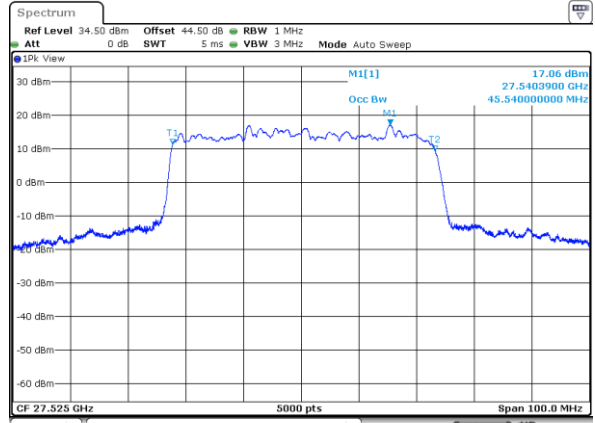
DFT-s-OFDM Module 1

NR Band n261

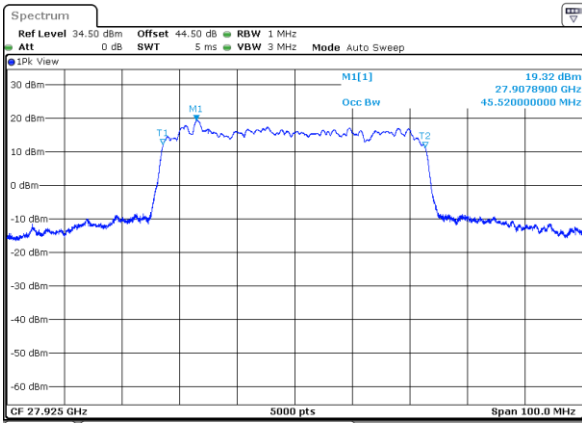
Lowest Channel / 50MHz / QPSK



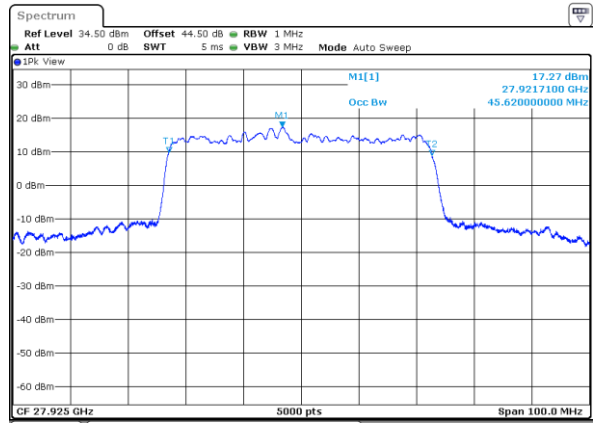
Lowest Channel / 50MHz / 16QAM



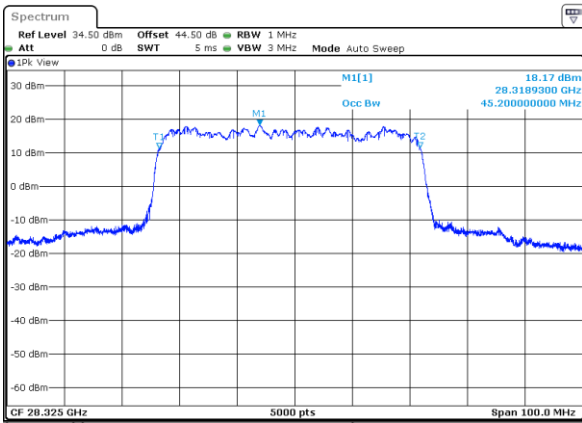
Middle Channel / 50MHz / QPSK



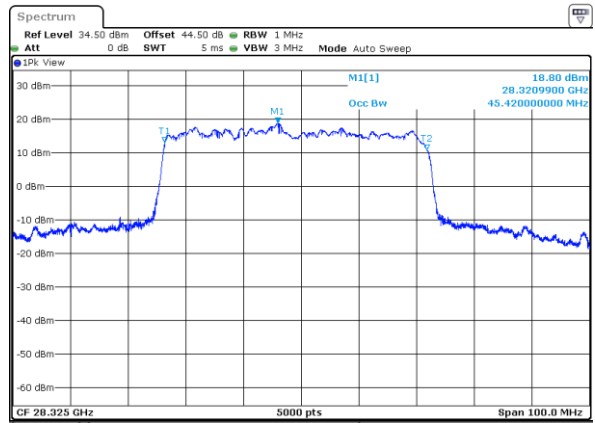
Middle Channel / 50MHz / 16QAM



Highest Channel / 50MHz / QPSK



Highest Channel / 50MHz / 16QAM

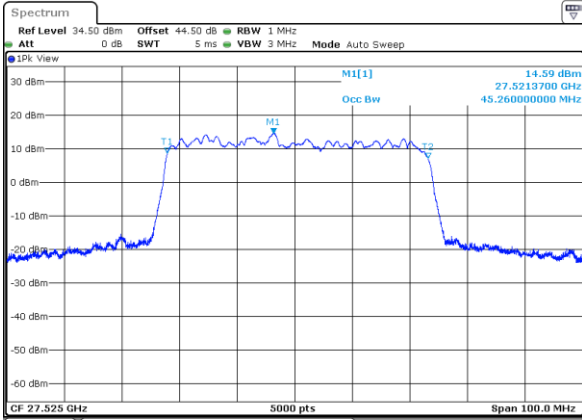




DFT-s-OFDM Module 1

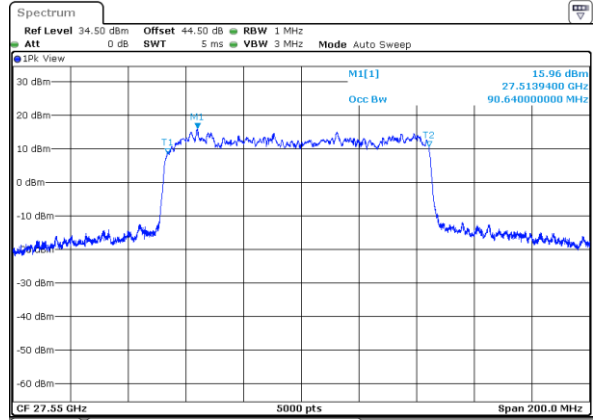
NR Band n261

Lowest Channel / 50MHz / 64QAM



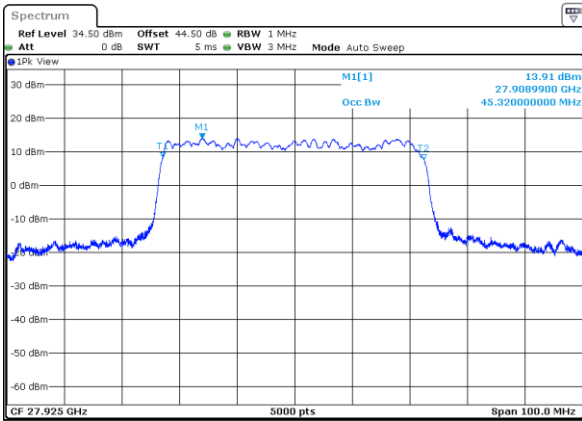
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Lowest Channel / 100MHz / QPSK



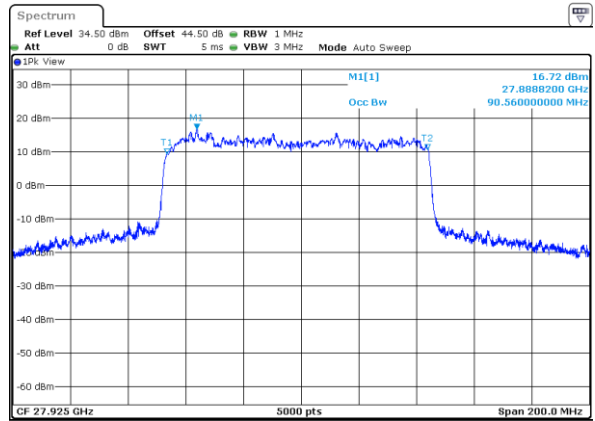
Date: 25 JUN 2020 20:16:57

Middle Channel / 50MHz / 64QAM



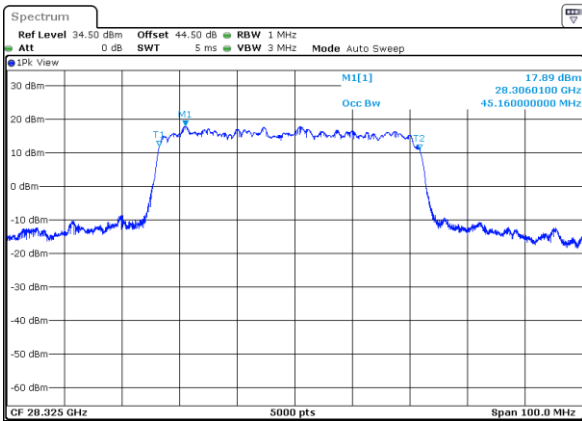
Date: 25 JUN 2020 21:04:59

Middle Channel / 100MHz / QPSK



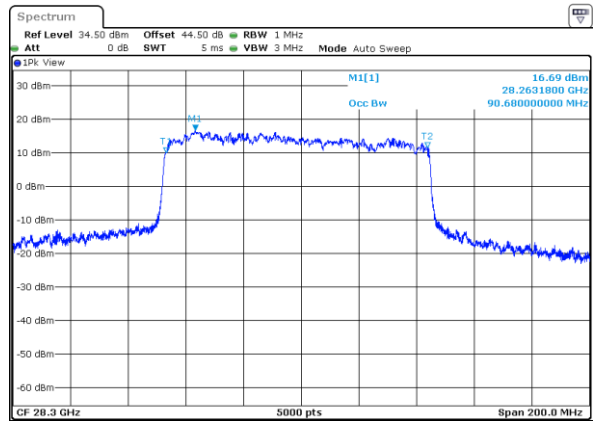
Date: 25 JUN 2020 21:43:00

Highest Channel / 50MHz / 64QAM



Date: 26 JUN 2020 14:27:33

Highest Channel / 100MHz / QPSK



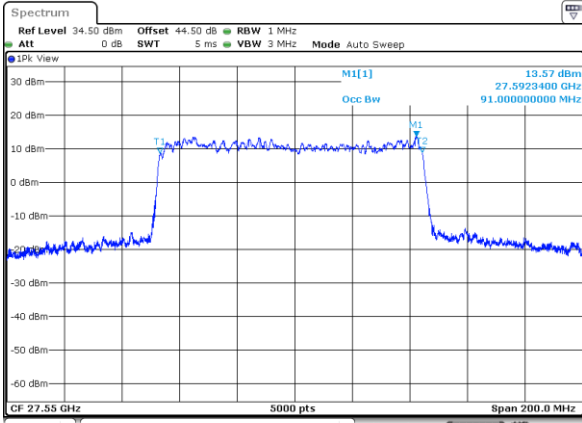
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DFT-s-OFDM Module 1

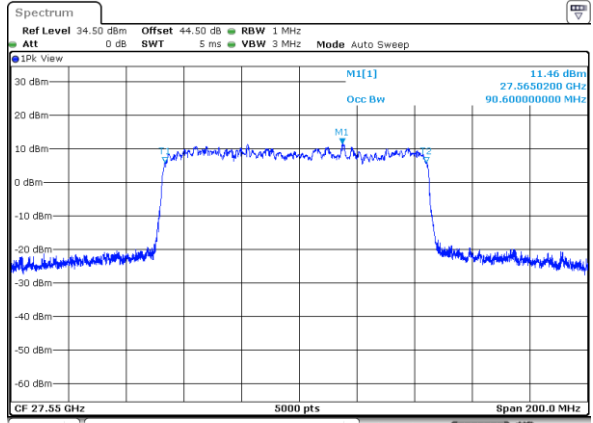
NR Band n261

Lowest Channel / 100MHz / 16QAM



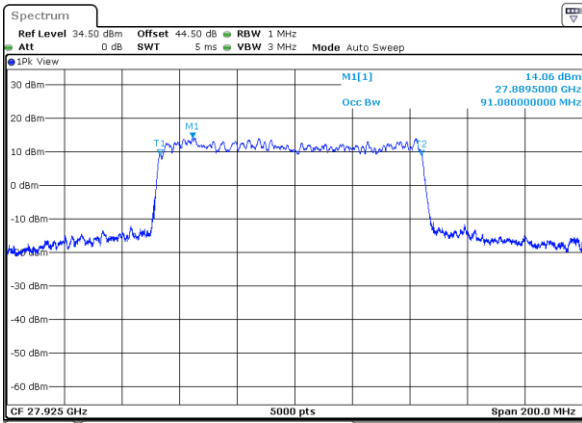
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Lowest Channel / 100MHz / 64QAM



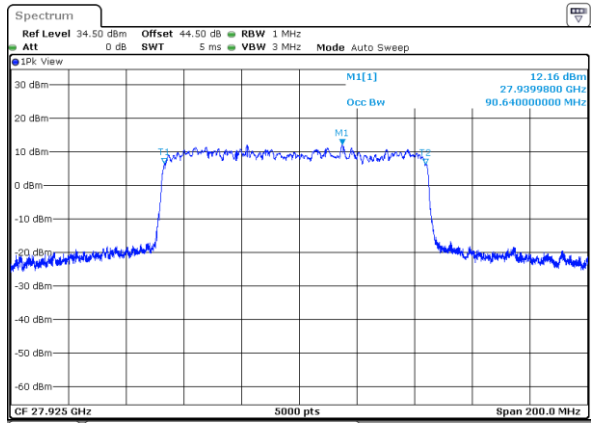
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Middle Channel / 100MHz / 16QAM



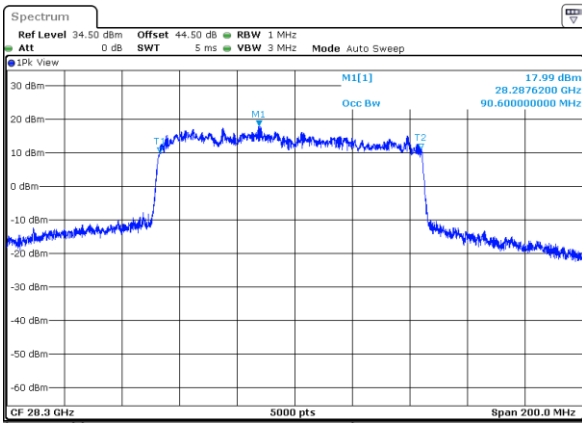
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Middle Channel / 100MHz / 64QAM



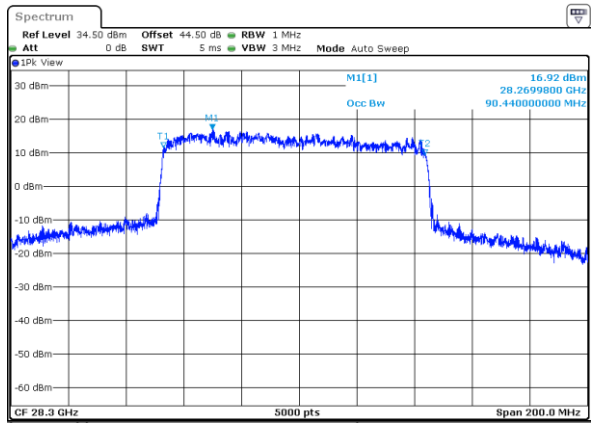
Date: 25 JUN 2020 21:45:45

Highest Channel / 100MHz / 16QAM



Date: 26 JUN 2020 15:38:58

Highest Channel / 100MHz / 64QAM



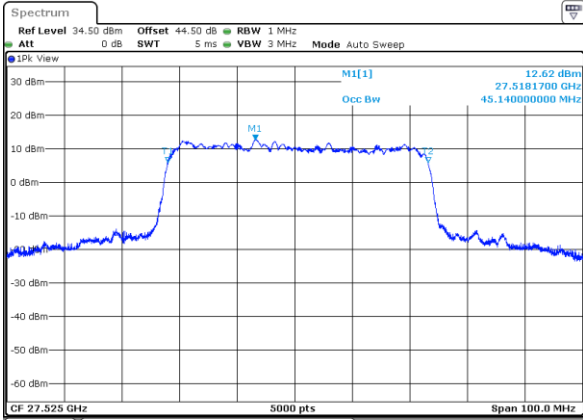
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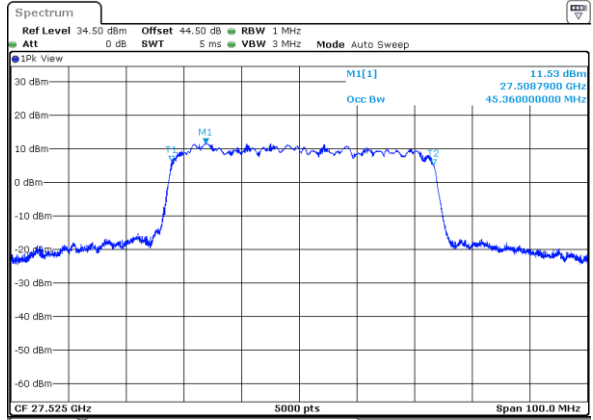
CP-OFDM Module 0

NR Band n2610

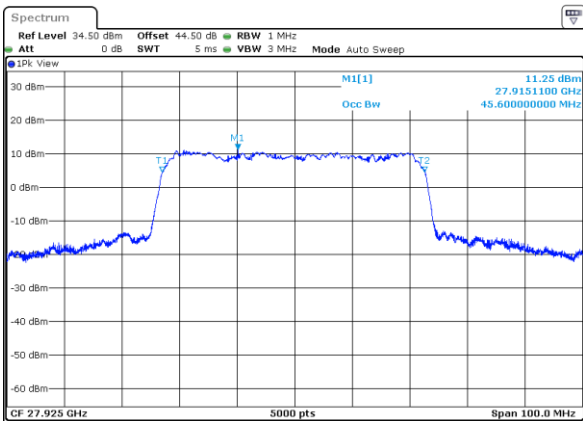
Lowest Channel / 50MHz / QPSK



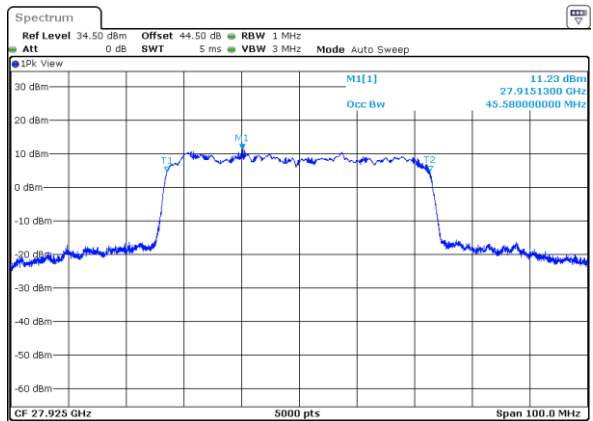
Lowest Channel / 50MHz / 16QAM



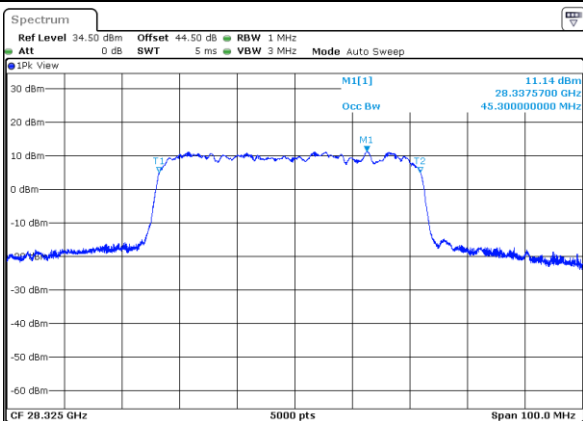
Middle Channel / 50MHz / QPSK



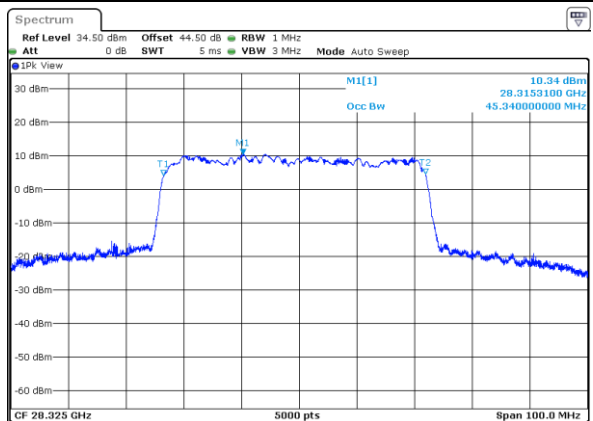
Middle Channel / 50MHz / 16QAM



Highest Channel / 50MHz / QPSK



Highest Channel / 50MHz / 16QAM



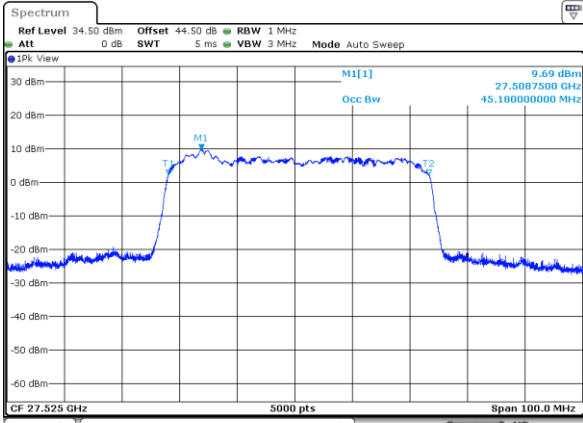




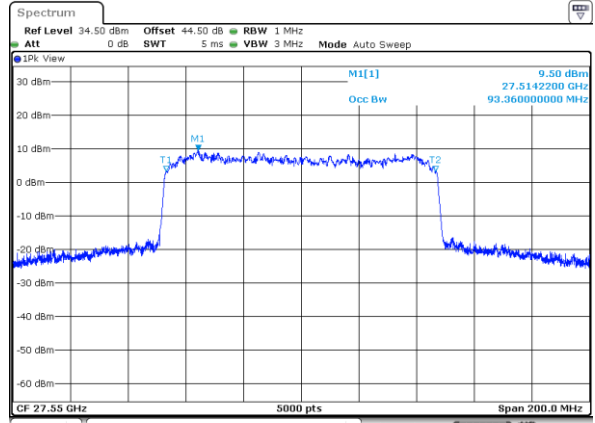
CP-OFDM Module 0

NR Band n261

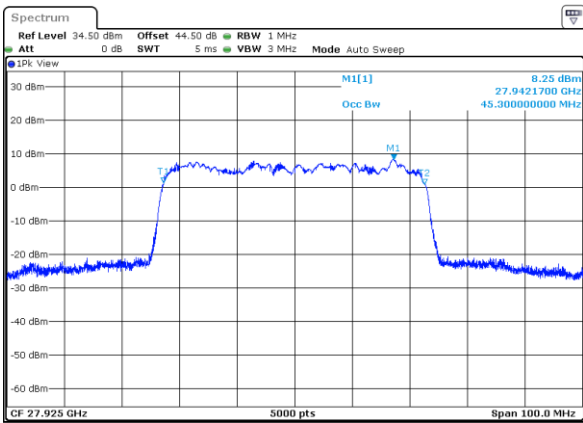
Lowest Channel / 50MHz / 64QAM



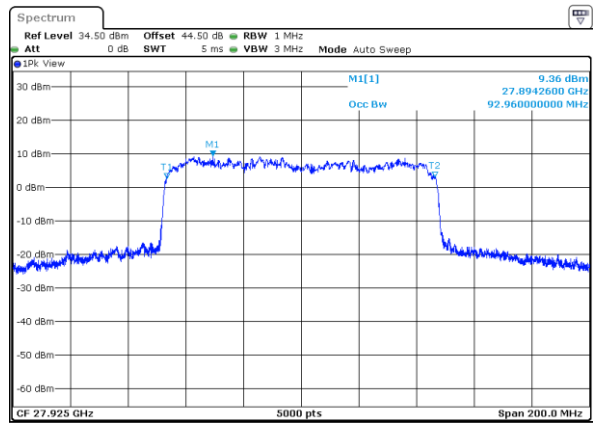
Lowest Channel / 100MHz / QPSK



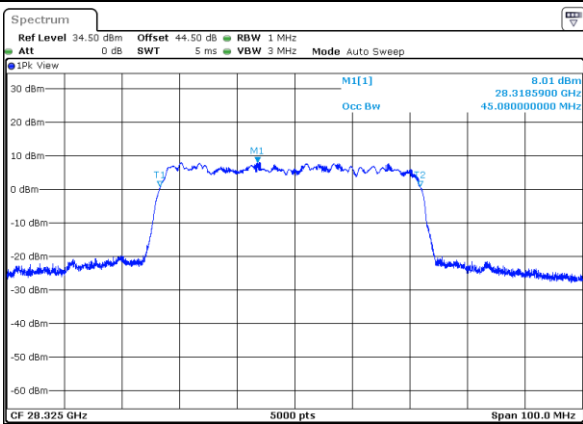
Middle Channel / 50MHz / 64QAM



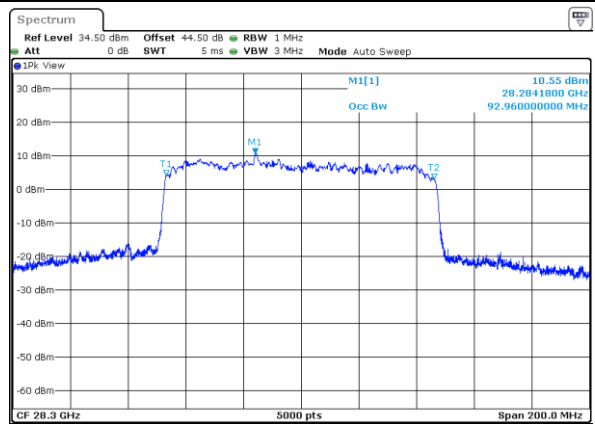
Middle Channel / 100MHz / QPSK



Highest Channel / 50MHz / 64QAM



Highest Channel / 100MHz / QPSK

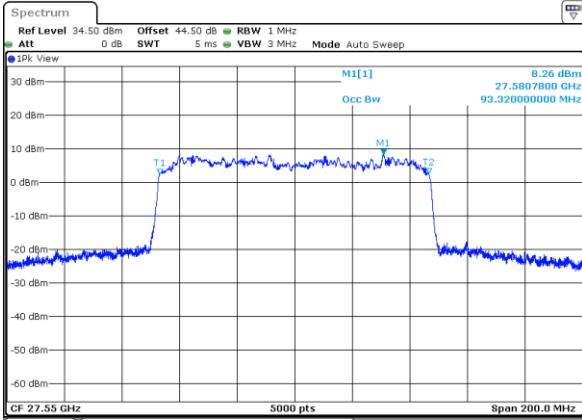




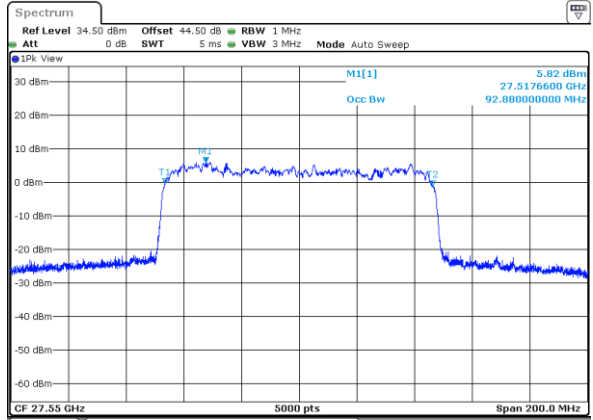
CP-OFDM Module 0

NR Band n261

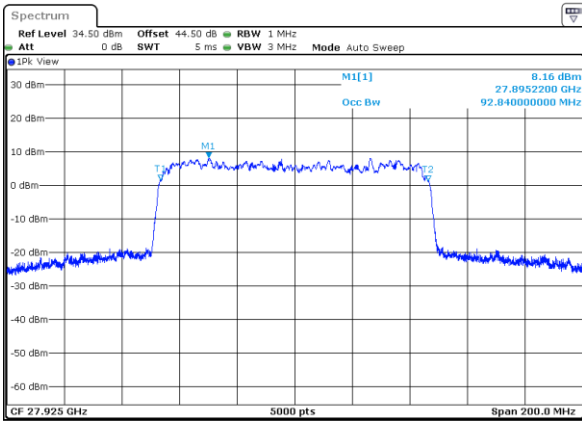
Lowest Channel / 100MHz / 16QAM



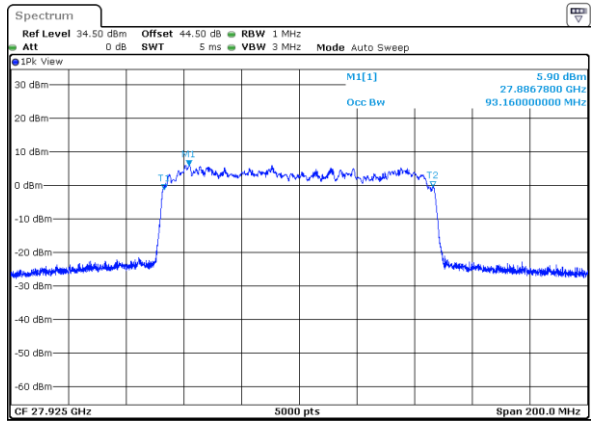
Lowest Channel / 100MHz / 64QAM



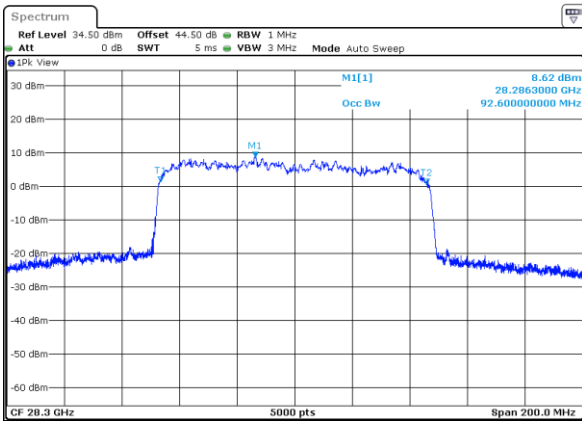
Middle Channel / 100MHz / 16QAM



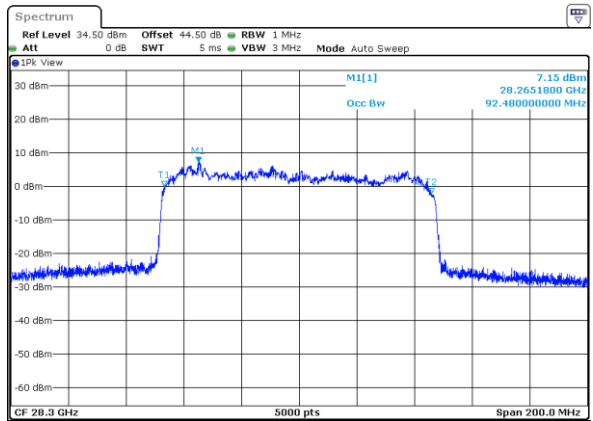
Middle Channel / 100MHz / 64QAM



Highest Channel / 100MHz / 16QAM



Highest Channel / 100MHz / 64QAM

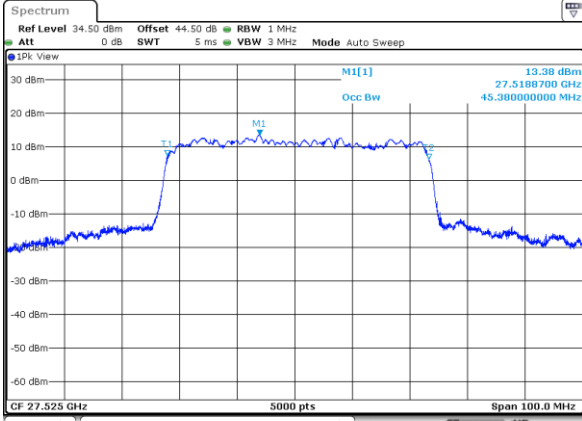




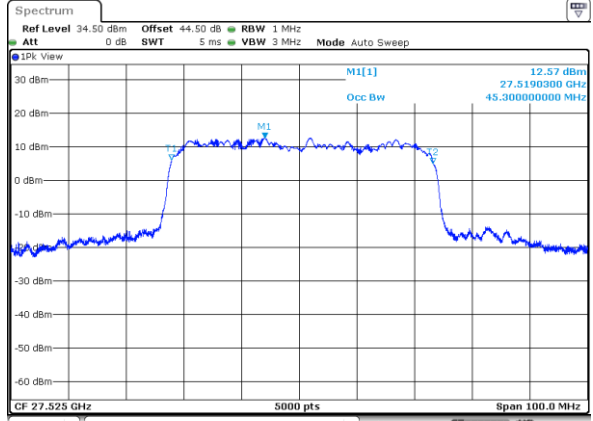
CP-OFDM Module 1

NR Band n261

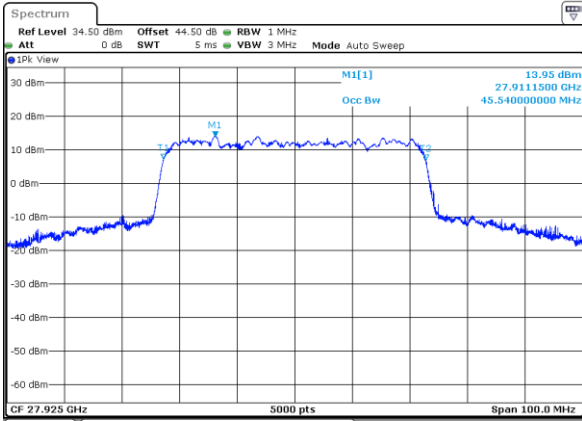
Lowest Channel / 50MHz / QPSK



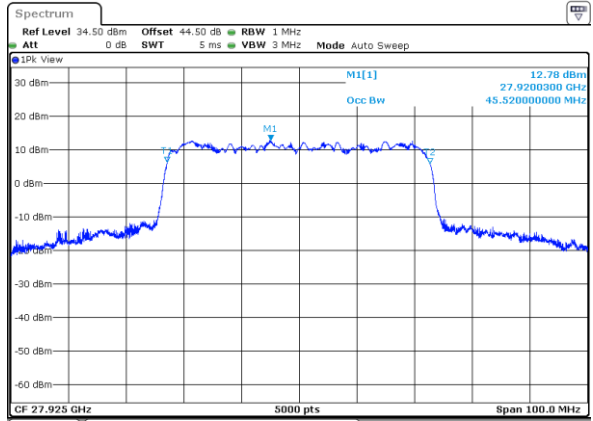
Lowest Channel / 50MHz / 16QAM



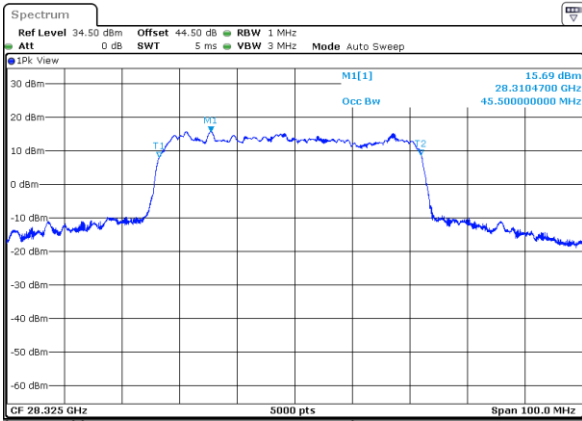
Middle Channel / 50MHz / QPSK



Middle Channel / 50MHz / 16QAM



Highest Channel / 50MHz / QPSK



Highest Channel / 50MHz / 16QAM

