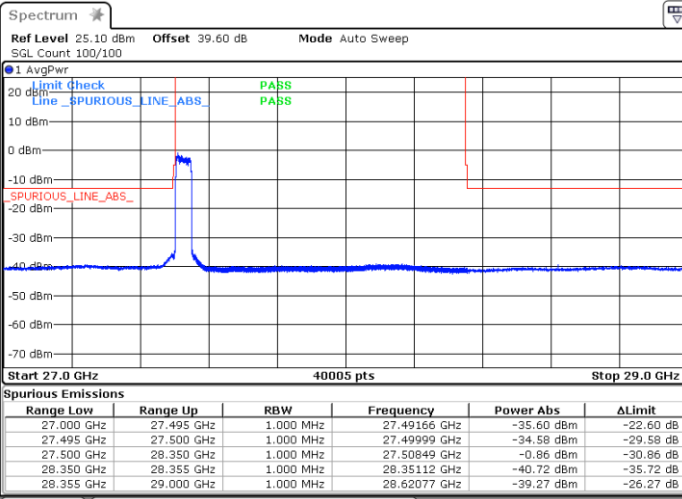




DFT-s-OFDM Module 1

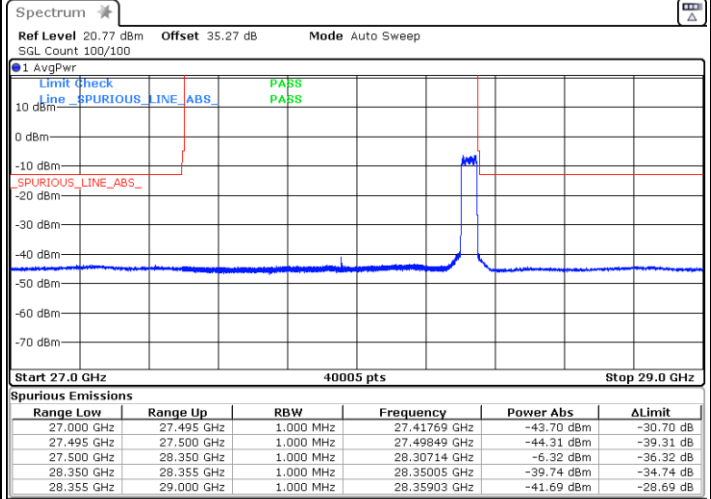
NR Band n261 / 50MHz / 64QAM

Lowest Band Edge / Full RB



Date: 26.MAY.2020 16:45:01

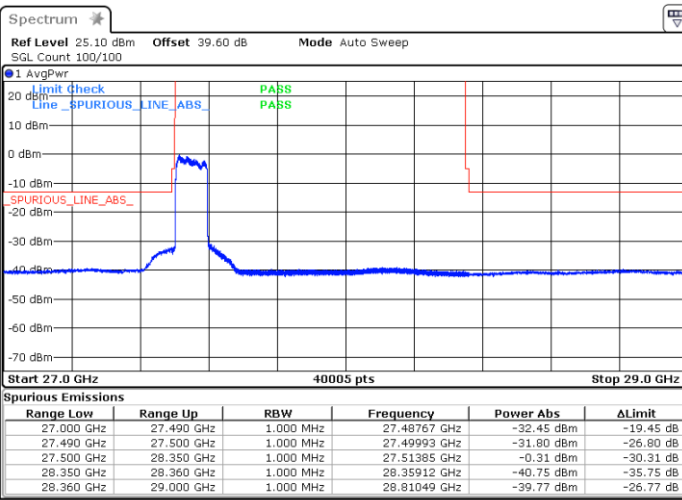
Highest Band Edge / Full RB



Date: 26.MAY.2020 23:49:20

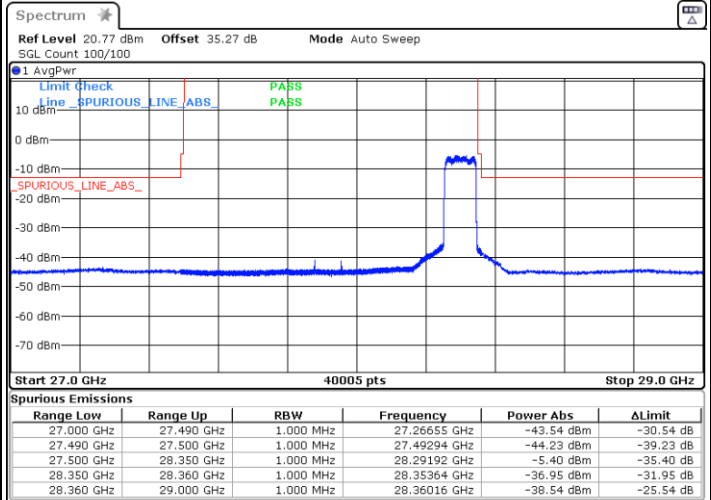
NR Band n261 / 100MHz / QPSK

Lowest Band Edge / Full RB



Date: 26.MAY.2020 17:41:21

Highest Band Edge / Full RB



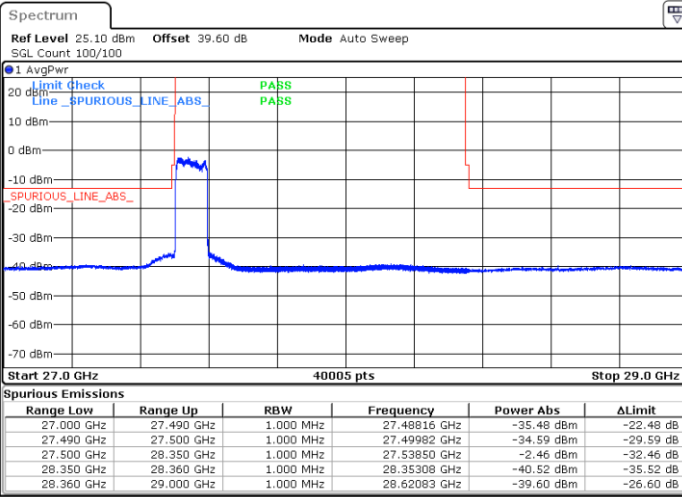
Date: 27.MAY.2020 00:08:11



DFT-s-OFDM Module 1

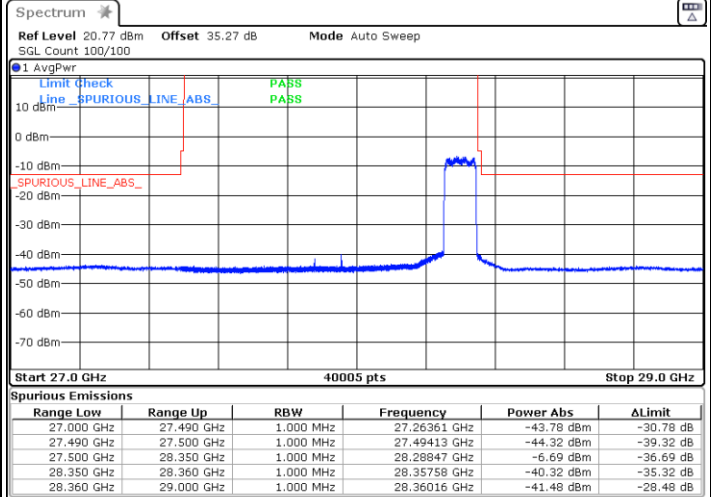
NR Band n261 / 100MHz / 16QAM

Lowest Band Edge / Full RB



Date: 26.MAY.2020 17:42:57

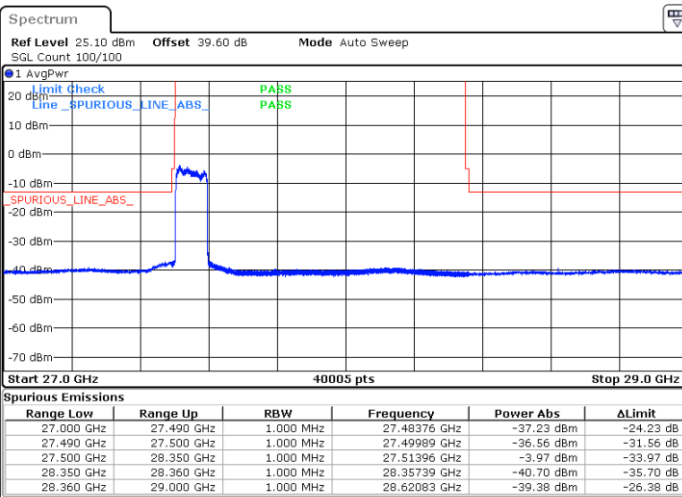
Highest Band Edge / Full RB



Date: 27.MAY.2020 00:06:45

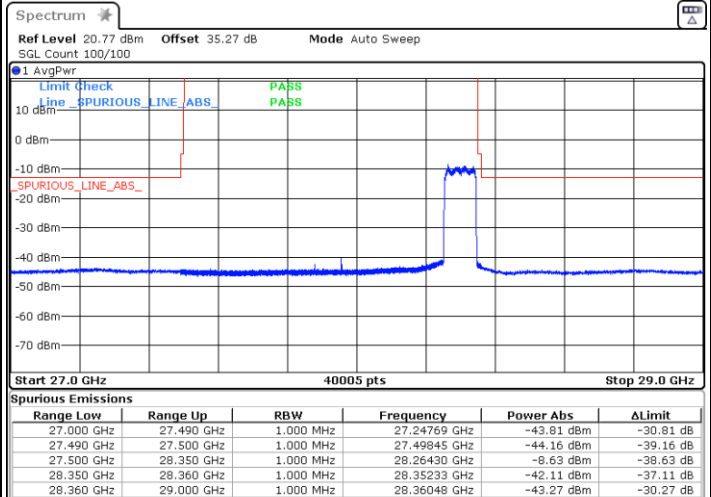
NR Band n261 / 100MHz / 64QAM

Lowest Band Edge / Full RB



Date: 26.MAY.2020 17:46:06

Highest Band Edge / Full RB



Date: 27.MAY.2020 00:06:00

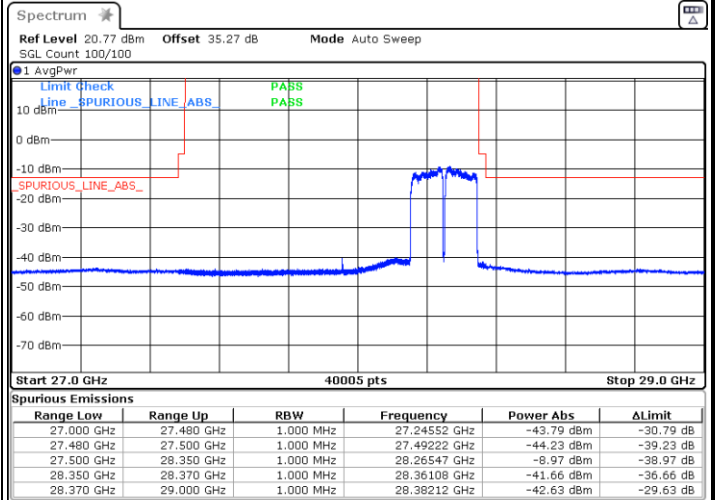
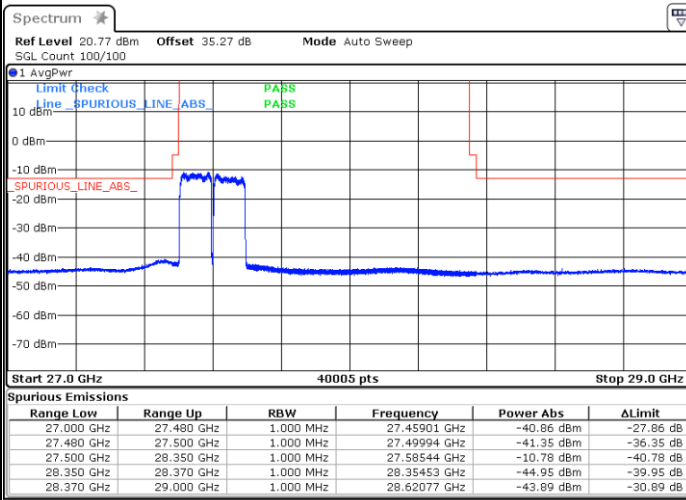


DFT-s-OFDM Module 1

NR Band n261 / 200MHz / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



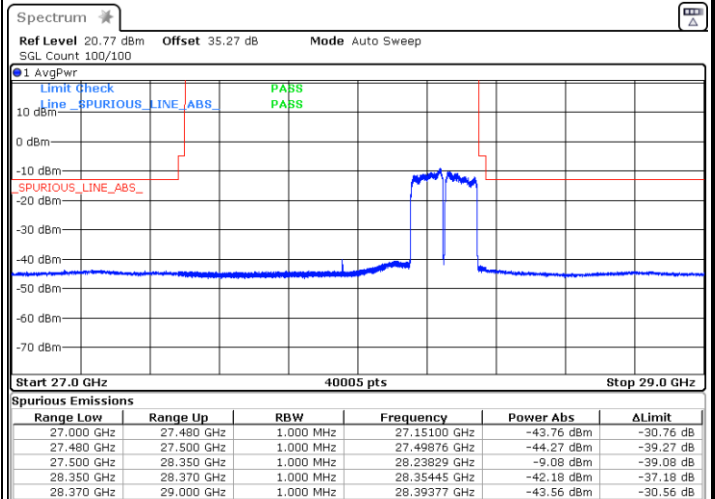
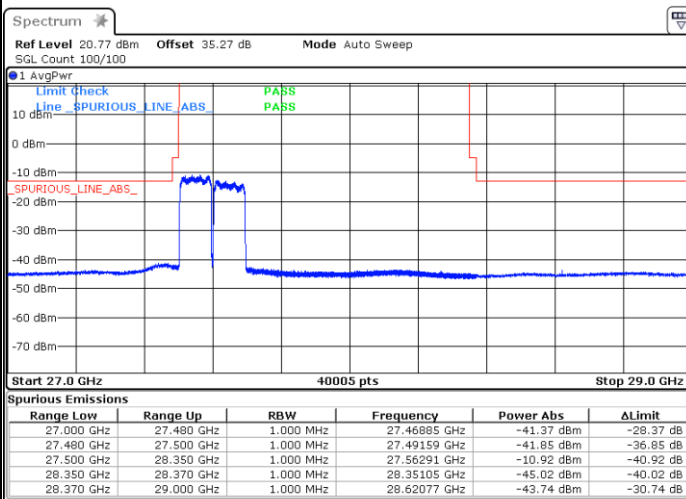
Date: 27.MAY.2020 18:48:48

Date: 27.MAY.2020 20:49:45

NR Band n261 / 200MHz / 16QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 27.MAY.2020 18:49:36

Date: 27.MAY.2020 20:46:24

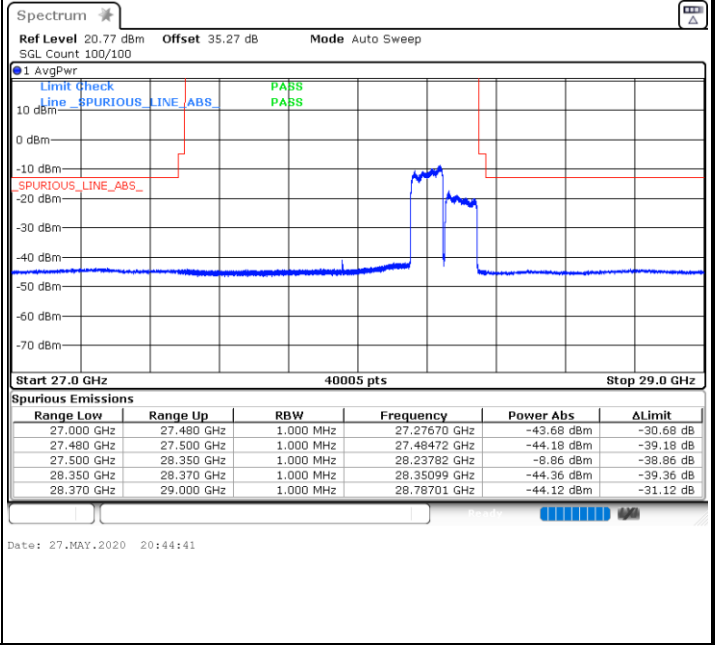
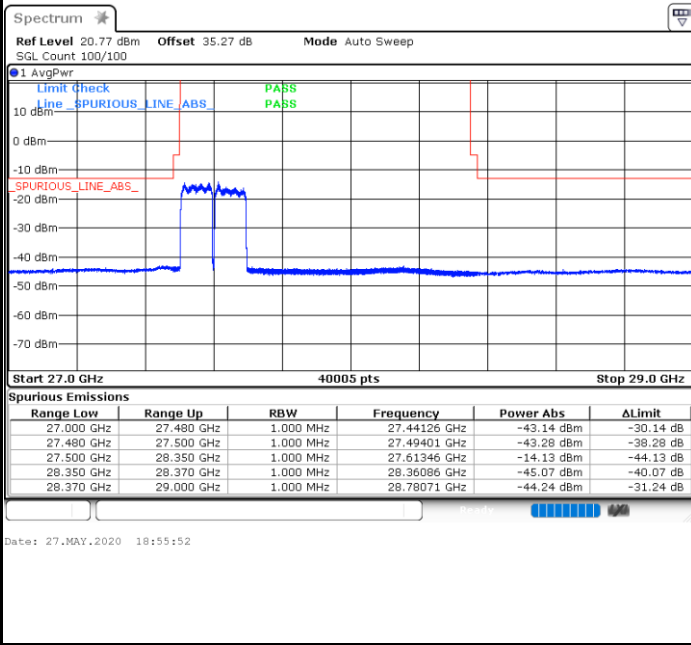


DFT-s-OFDM Module 1

NR Band n261 / 200MHz / 64QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

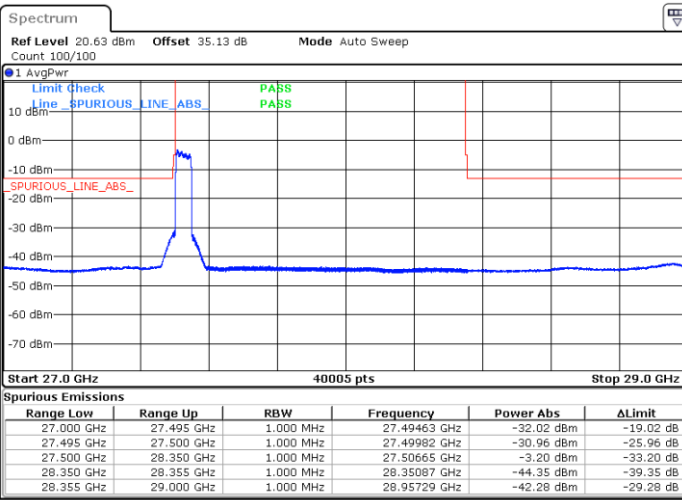




CP-OFDM Module 0

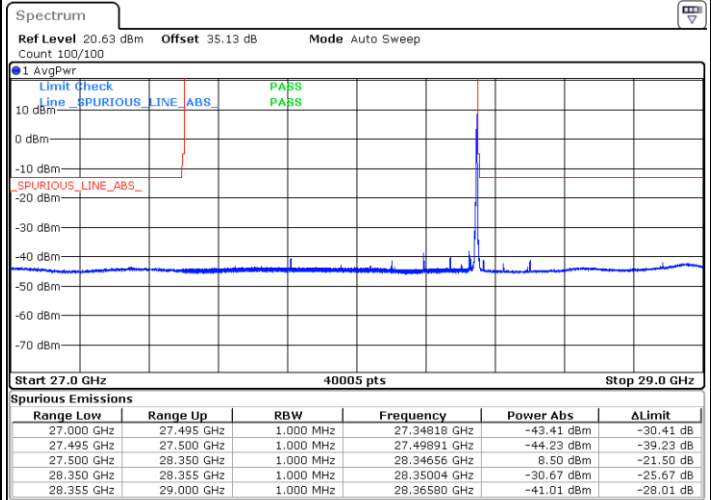
NR Band n261 / 50MHz / QPSK

Lowest Band Edge / Full RB



Date: 20.MAY.2020 19:52:56

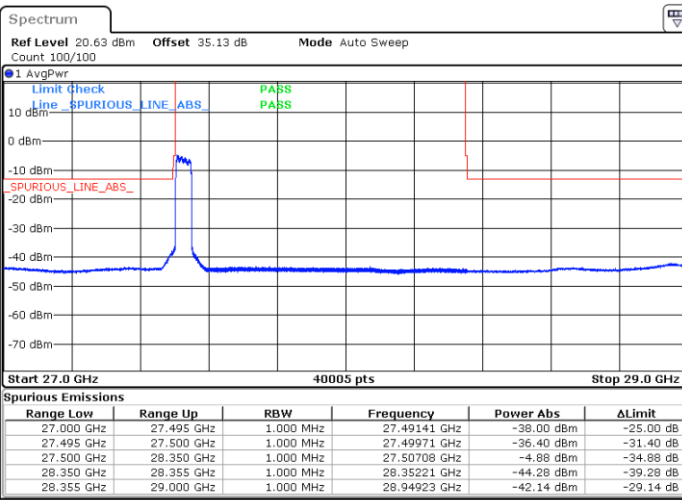
Highest Band Edge / Full RB



Date: 21.MAY.2020 15:31:36

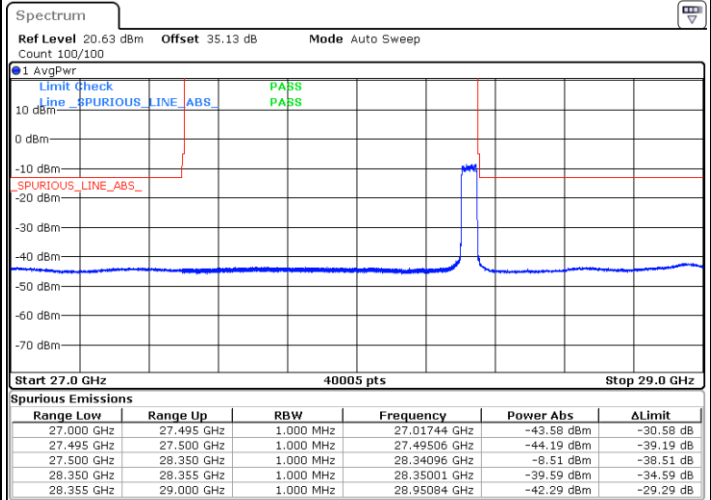
NR Band n261 / 50MHz / 16QAM

Lowest Band Edge / Full RB



Date: 20.MAY.2020 19:52:00

Highest Band Edge / Full RB



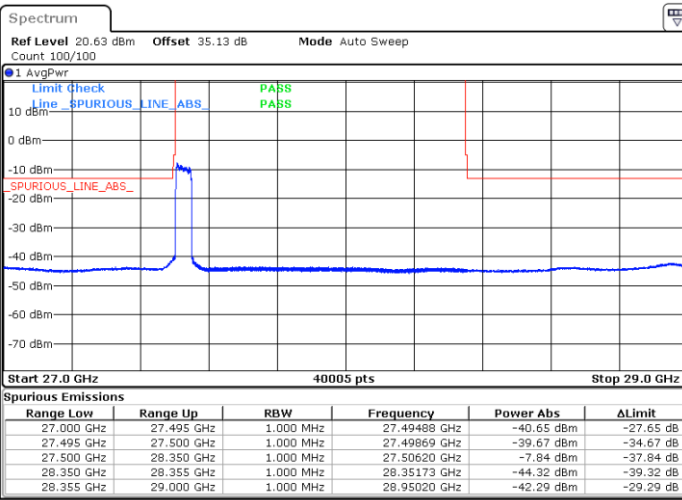
Date: 21.MAY.2020 16:07:17



CP-OFDM Module 0

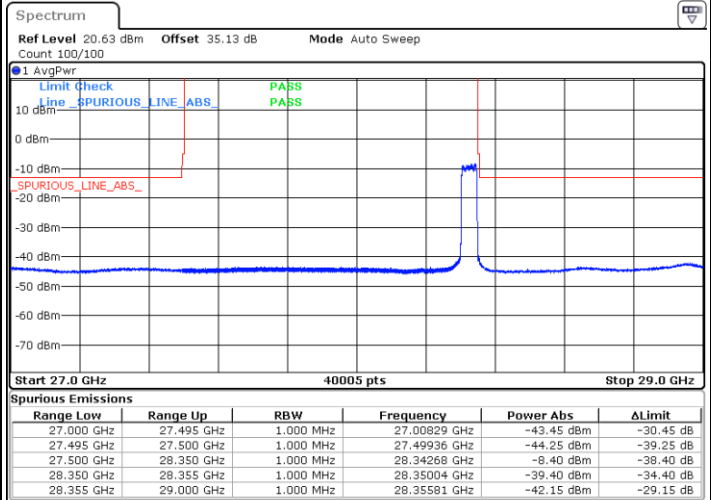
NR Band n261 / 50MHz / 64QAM

Lowest Band Edge / Full RB



Date: 20.MAY.2020 19:51:12

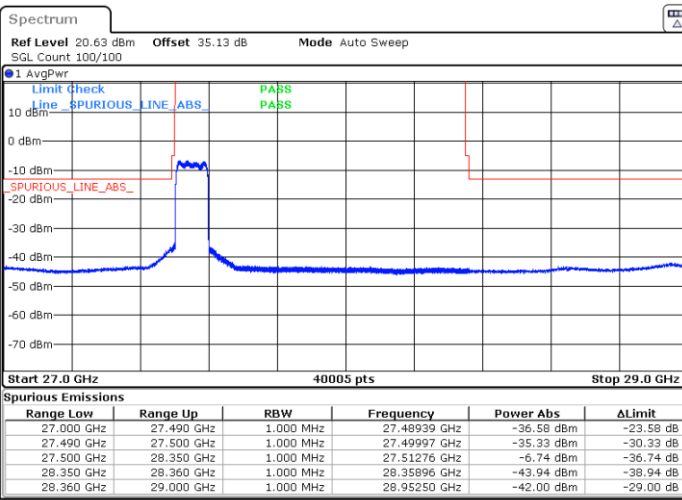
Highest Band Edge / Full RB



Date: 21.MAY.2020 16:08:08

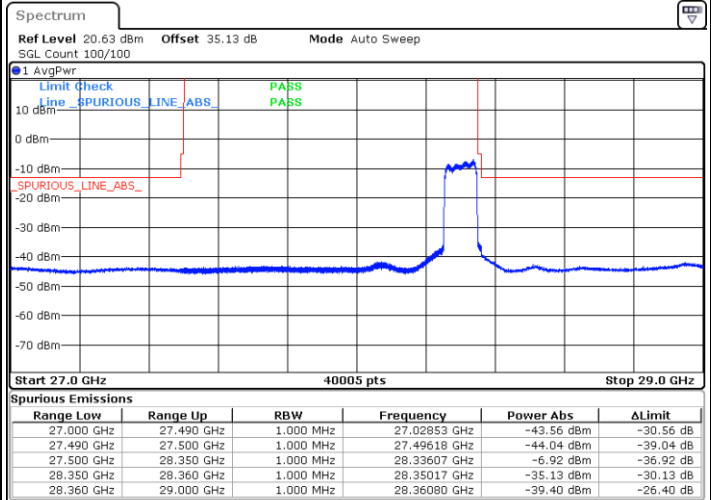
NR Band n261 / 100MHz / QPSK

Lowest Band Edge / Full RB



Date: 20.MAY.2020 21:52:18

Highest Band Edge / Full RB



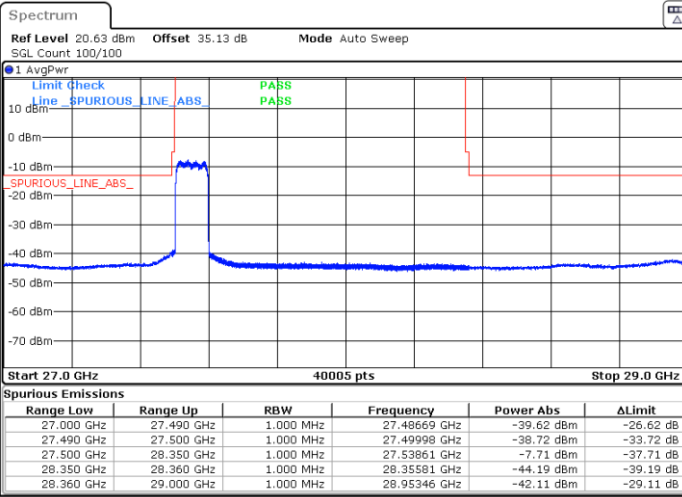
Date: 21.MAY.2020 17:37:33



CP-OFDM Module 0

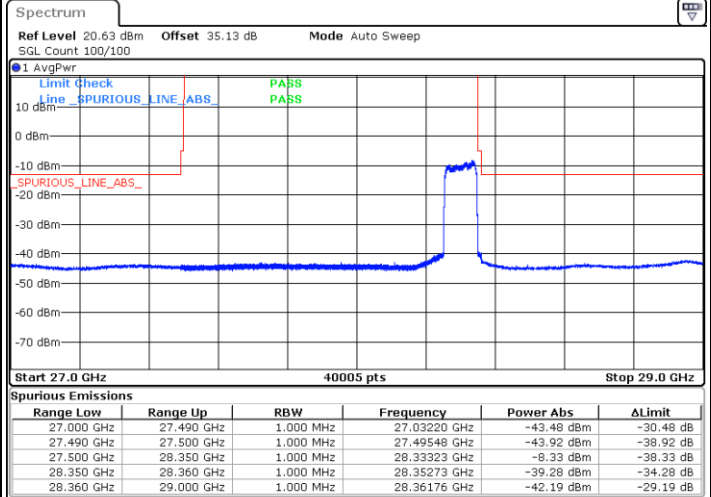
NR Band n261 / 100MHz / 16QAM

Lowest Band Edge / Full RB



Date: 20.MAY.2020 21:51:38

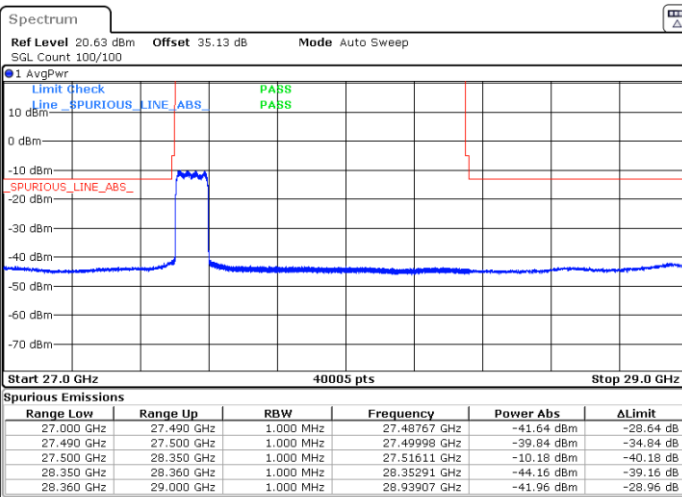
Highest Band Edge / Full RB



Date: 21.MAY.2020 17:33:15

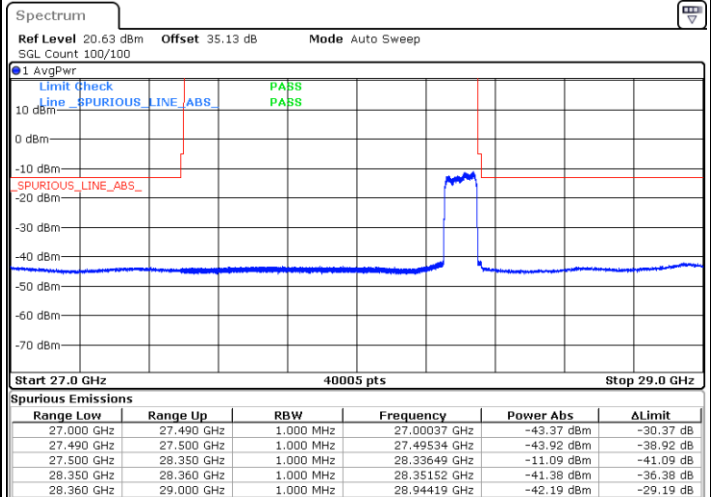
NR Band n261 / 100MHz / 64QAM

Lowest Band Edge / Full RB



Date: 20.MAY.2020 21:50:52

Highest Band Edge / Full RB



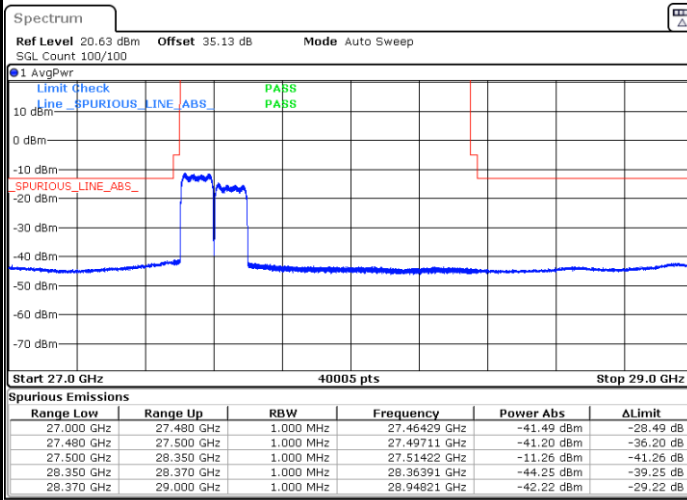
Date: 21.MAY.2020 17:32:35



CP-OFDM Module 0

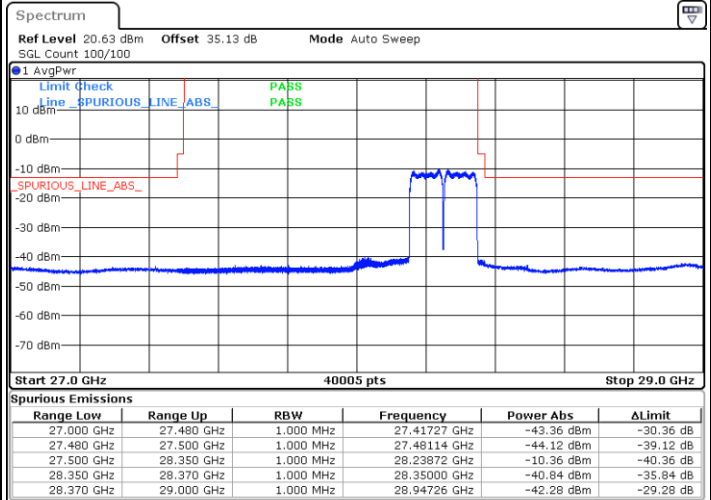
NR Band n261 / 200MHz / QPSK

Lowest Band Edge / Full RB



Date: 22.MAY.2020 20:12:32

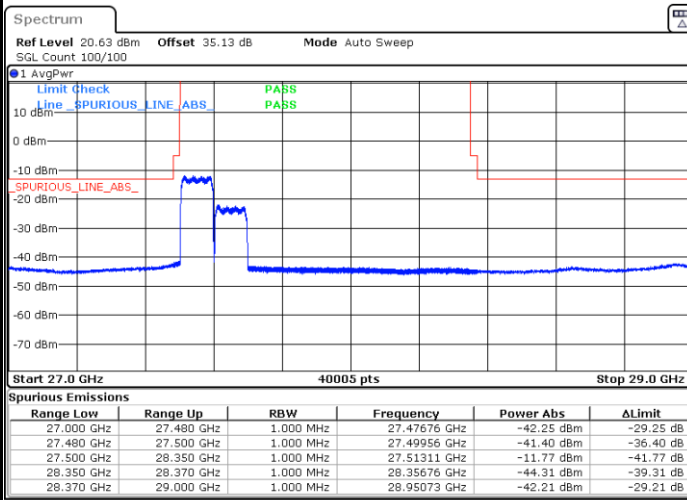
Highest Band Edge / Full RB



Date: 23.MAY.2020 11:25:56

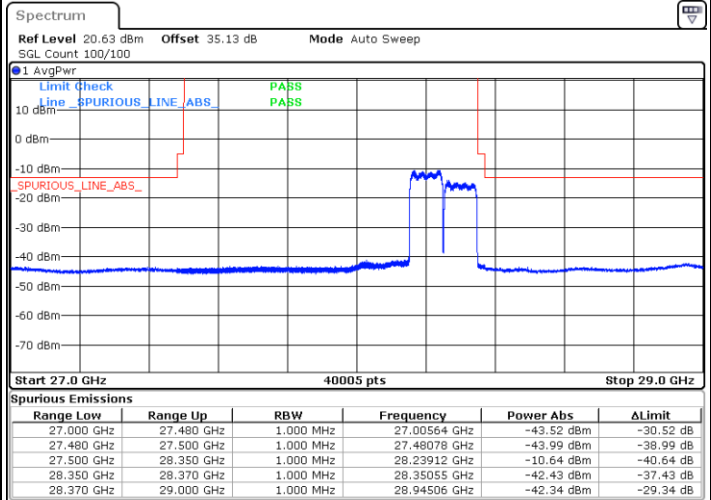
NR Band n261 / 200MHz / 16QAM

Lowest Band Edge / Full RB



Date: 22.MAY.2020 20:13:33

Highest Band Edge / Full RB



Date: 23.MAY.2020 11:11:26



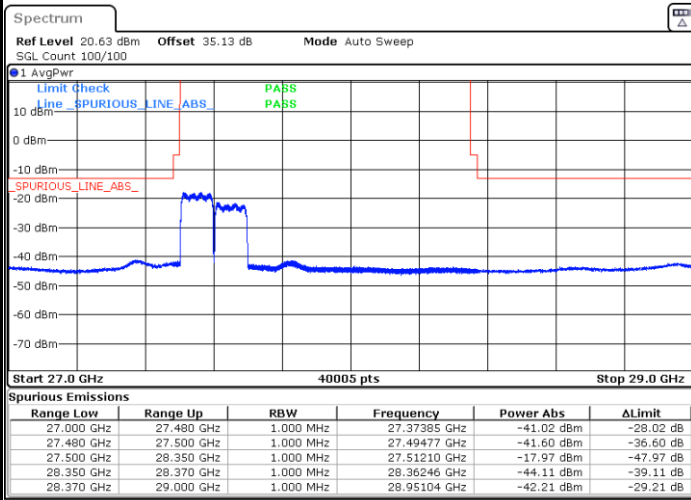


CP-OFDM Module 0

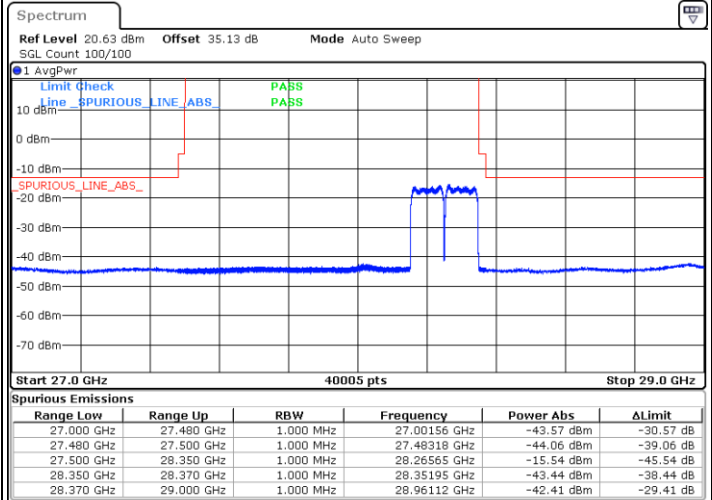
NR Band n261 / 200MHz / 64QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 22.MAY.2020 20:14:22



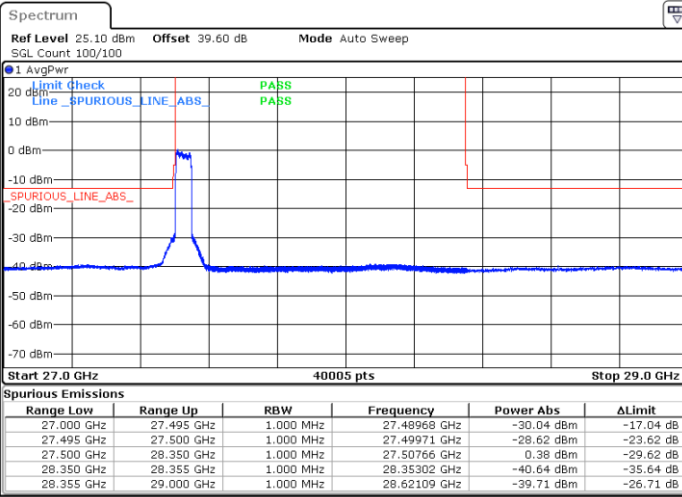
Date: 23.MAY.2020 11:10:22



CP-OFDM Module 1

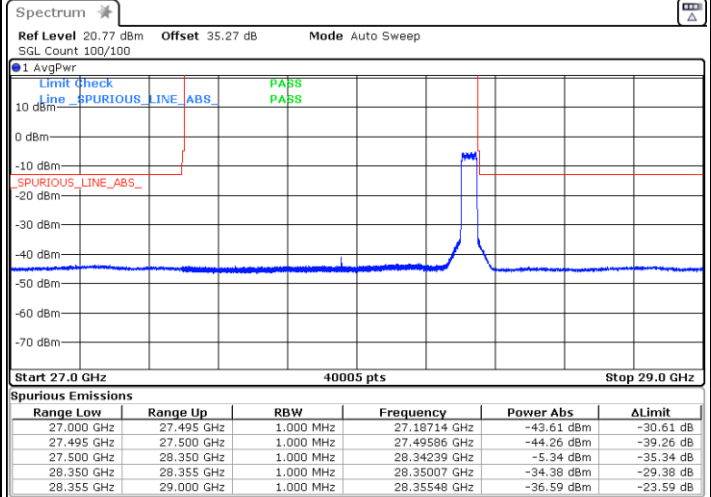
NR Band n261 / 50MHz / QPSK

Lowest Band Edge / Full RB



Date: 26.MAY.2020 16:46:04

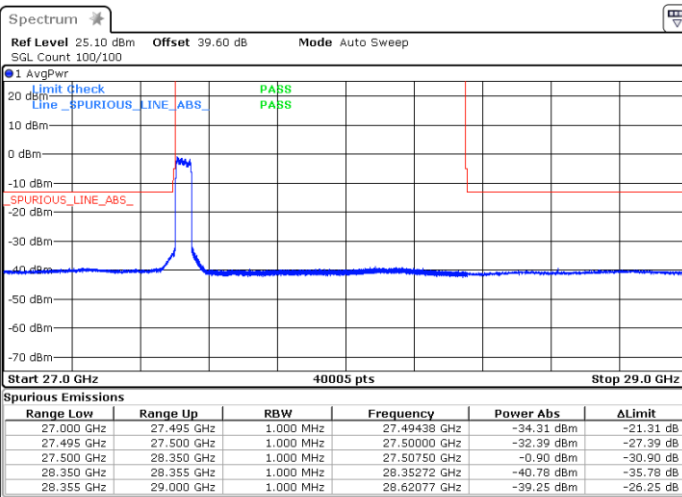
Highest Band Edge / Full RB



Date: 27.MAY.2020 00:19:12

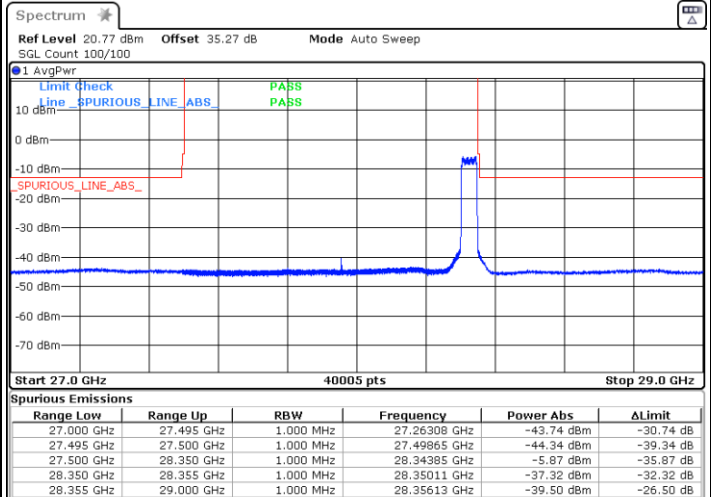
NR Band n261 / 50MHz / 16QAM

Lowest Band Edge / Full RB



Date: 26.MAY.2020 16:49:30

Highest Band Edge / Full RB



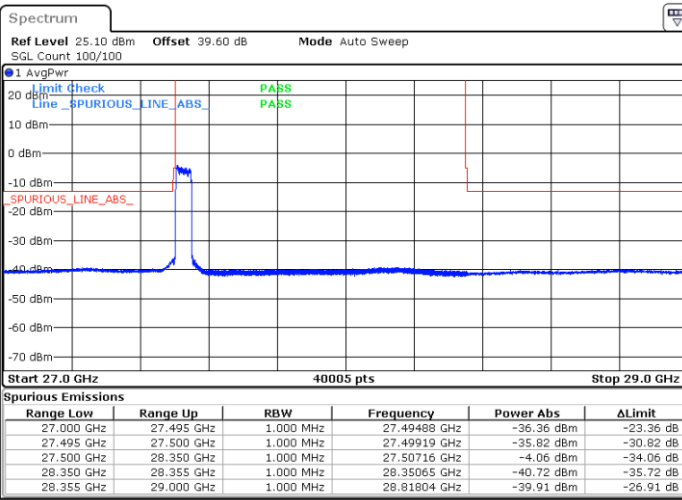
Date: 27.MAY.2020 00:18:22



CP-OFDM Module 1

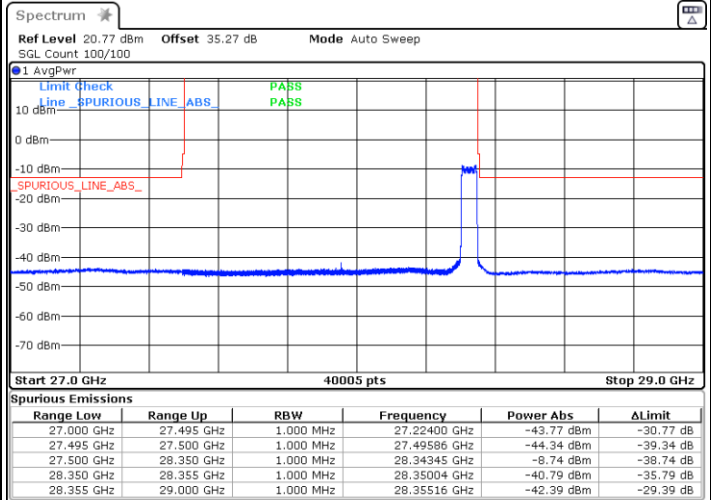
NR Band n261 / 50MHz / 64QAM

Lowest Band Edge / Full RB



Date: 26.MAY.2020 17:25:49

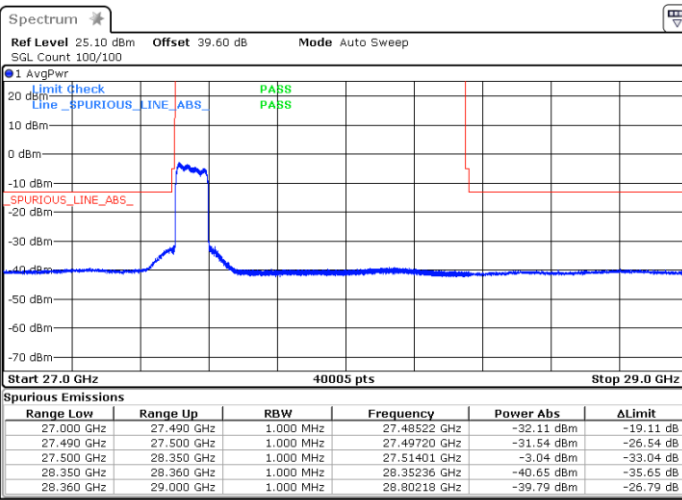
Highest Band Edge / Full RB



Date: 27.MAY.2020 00:17:41

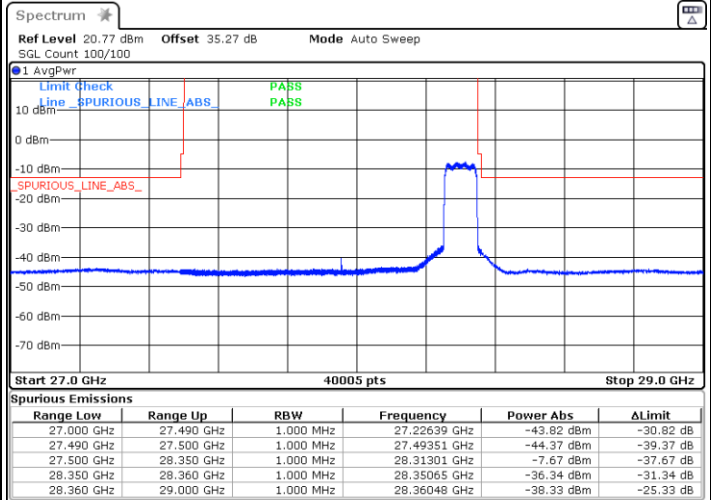
NR Band n261 / 100MHz / QPSK

Lowest Band Edge / Full RB



Date: 26.MAY.2020 17:49:36

Highest Band Edge / Full RB



Date: 27.MAY.2020 00:09:28

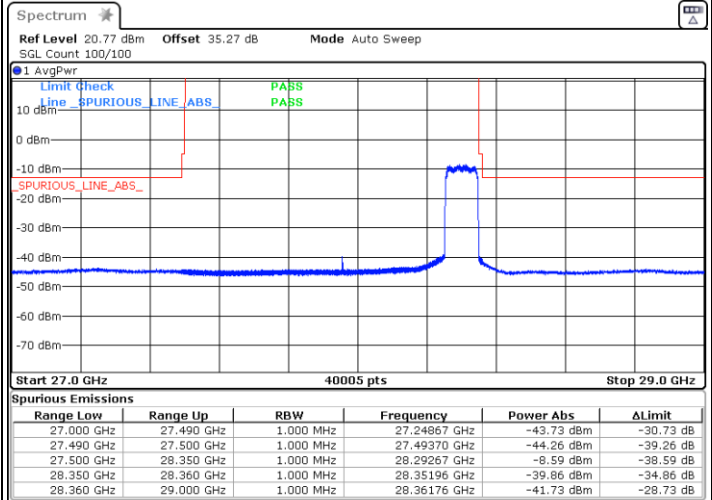
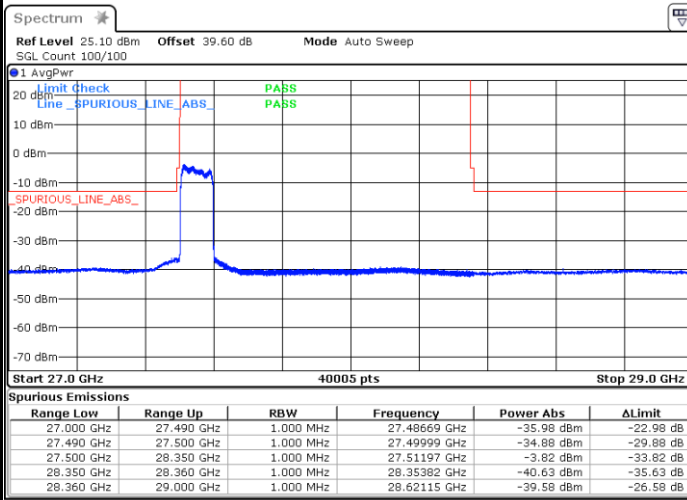


CP-OFDM Module 1

NR Band n261 / 100MHz / 16QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



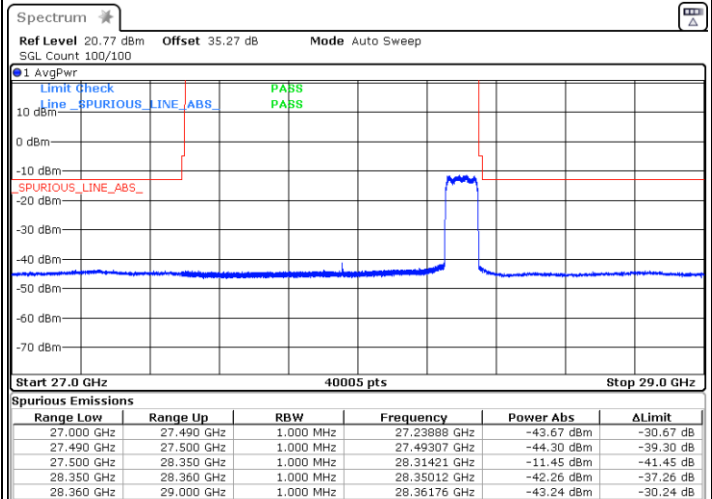
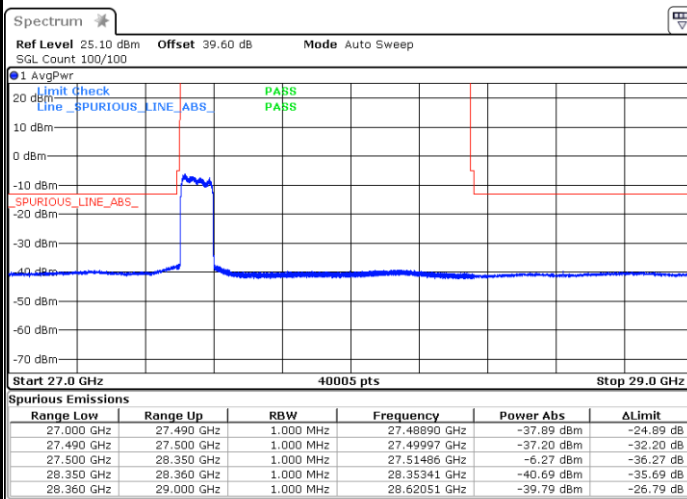
Date: 26.MAY.2020 17:50:20

Date: 27.MAY.2020 00:10:05

NR Band n261 / 100MHz / 64QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 26.MAY.2020 17:53:06

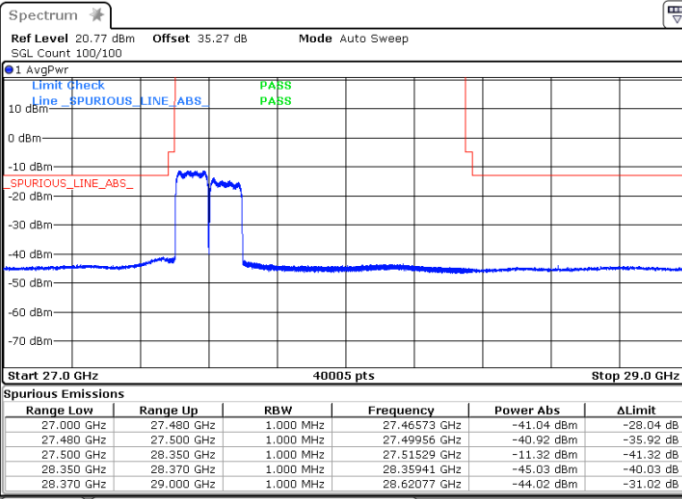
Date: 27.MAY.2020 00:10:53



CP-OFDM Module 1

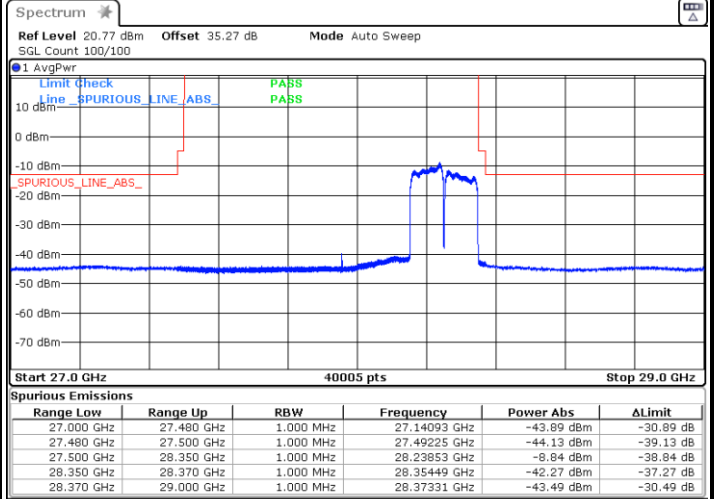
NR Band n261 / 200MHz / QPSK

Lowest Band Edge / Full RB



Date: 27.MAY.2020 19:07:05

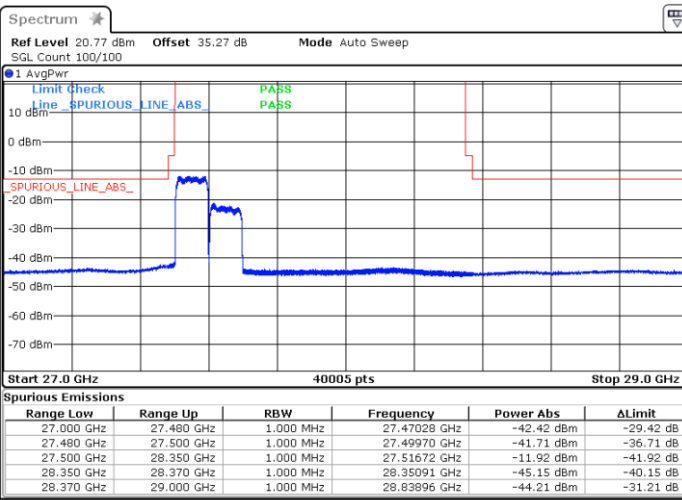
Highest Band Edge / Full RB



Date: 27.MAY.2020 21:00:07

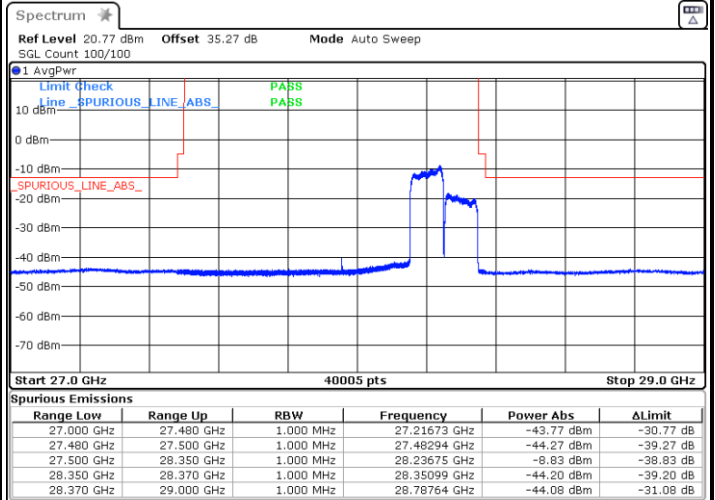
NR Band n261 / 200MHz / 16QAM

Lowest Band Edge / Full RB



Date: 27.MAY.2020 19:06:08

Highest Band Edge / Full RB



Date: 27.MAY.2020 21:04:19

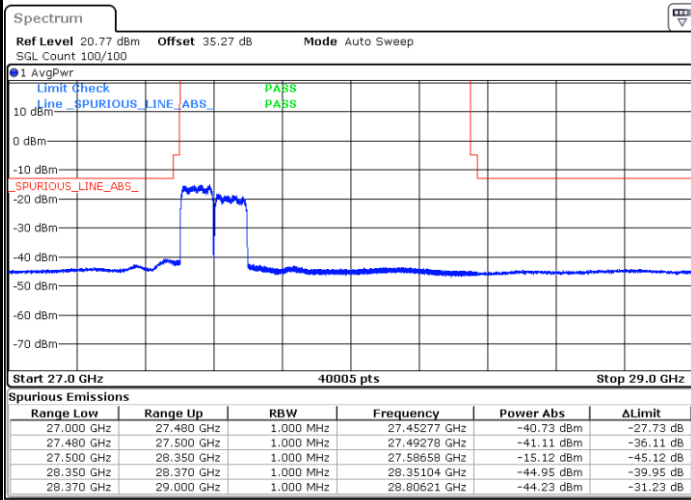


CP-OFDM Module 1

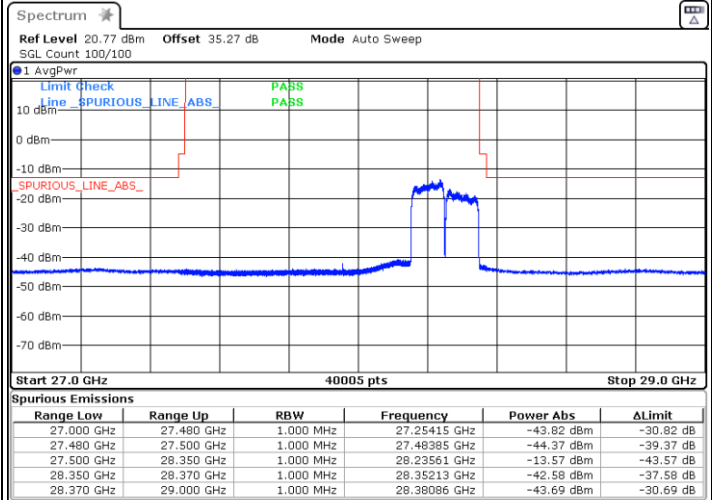
NR Band n261 / 200MHz / 64QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 27.MAY.2020 18:57:57



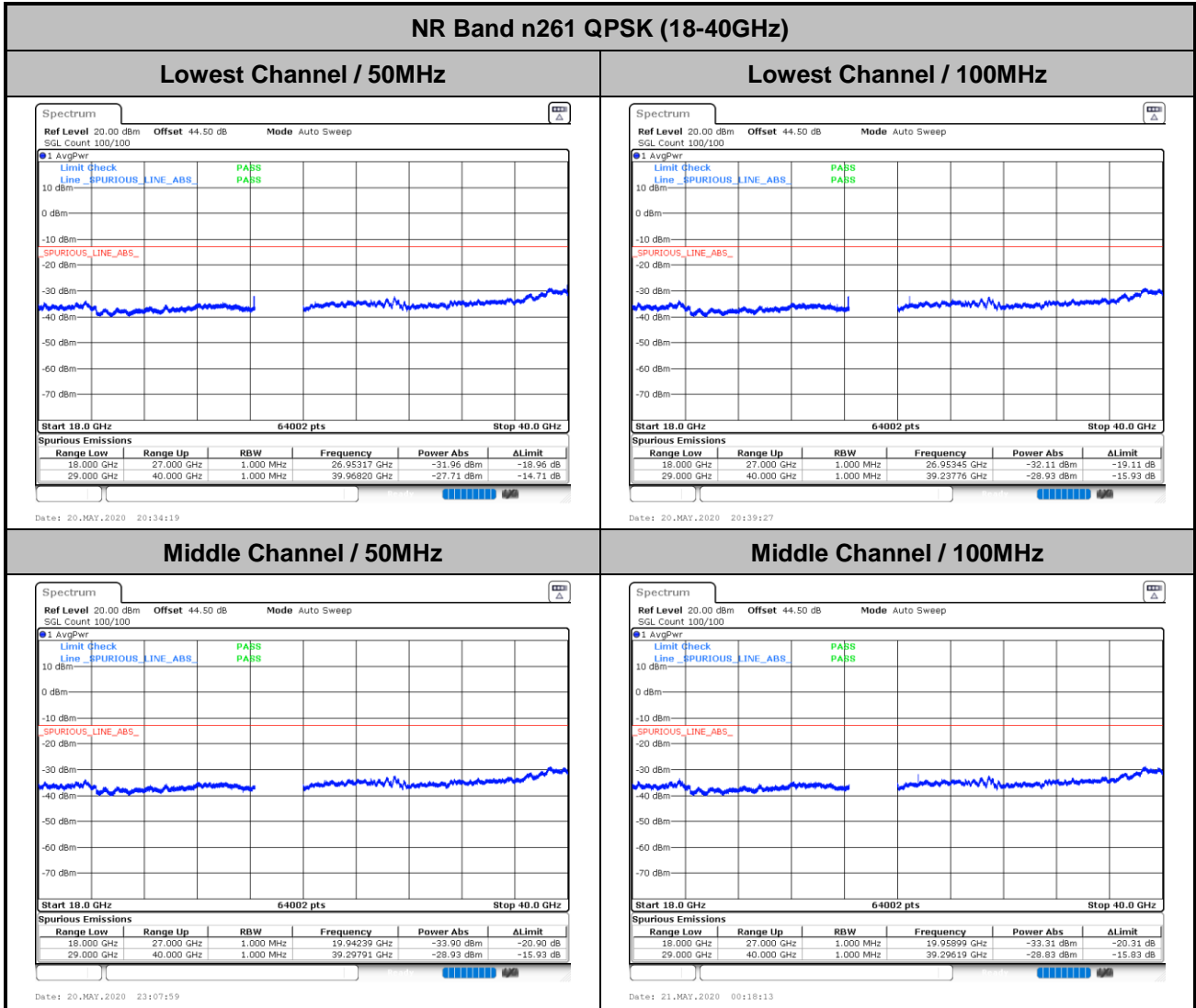
Date: 27.MAY.2020 21:08:20



# Spurious Emission

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

## DFT-s-OFDM Module 0

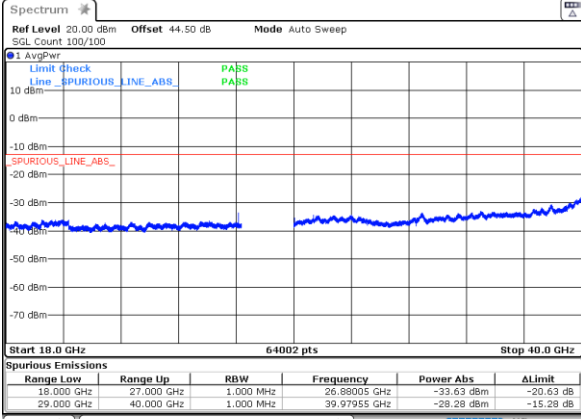




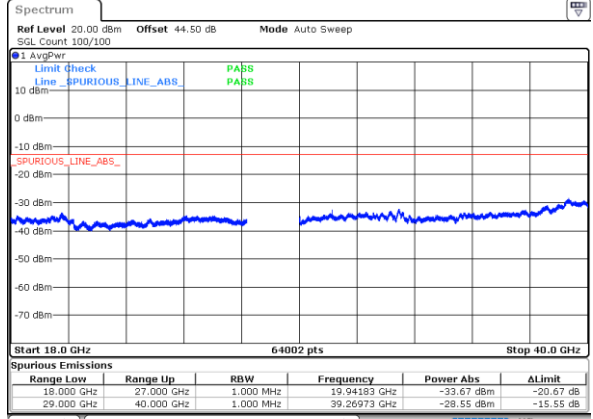
NR Band n261 QPSK (18-40GHz)

Highest Channel / 50MHz

Highest Channel / 100MHz



Date: 26.MAY.2020 20:20:37



Date: 21.MAY.2020 16:56:20

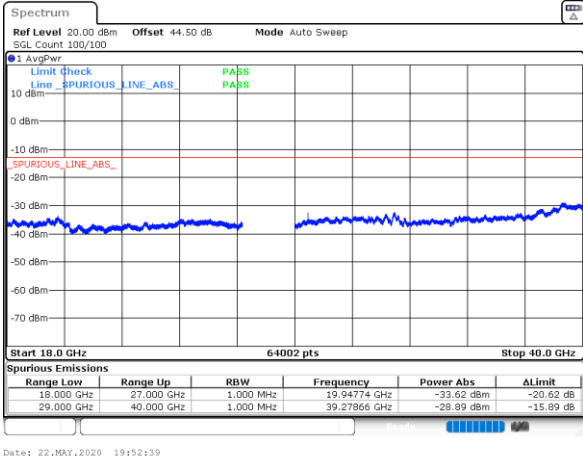




DFT-s-OFDM Module 0

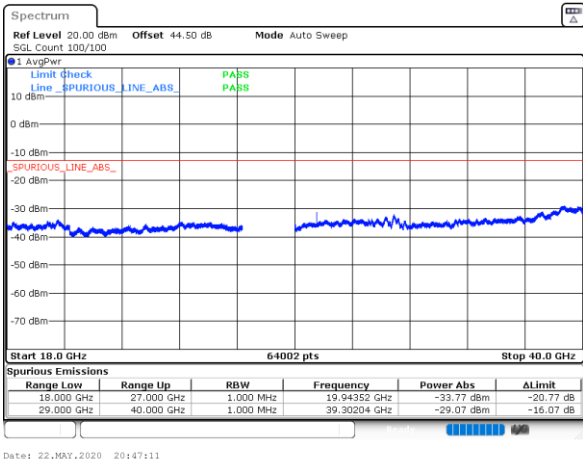
NR Band n261 QPSK (18-40GHz)

Lowest Channel / 200MHz



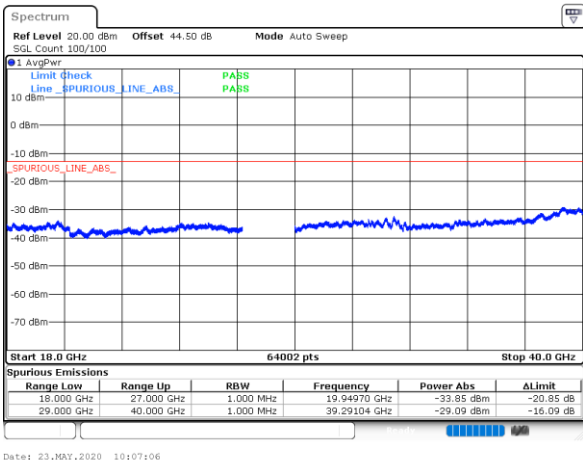
intentionally blank

Middle Channel / 200MHz



intentionally blank

Highest Channel / 200MHz



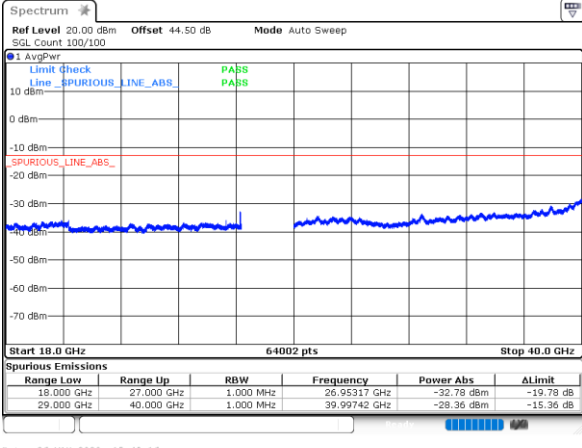
intentionally blank



DFT-s-OFDM Module 1

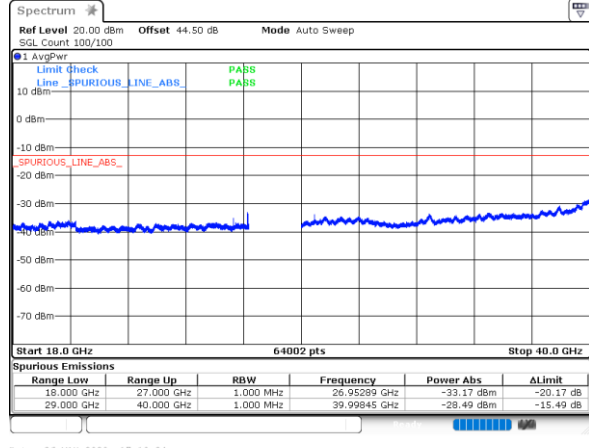
NR Band n261 QPSK (18-40GHz)

Lowest Channel / 50MHz



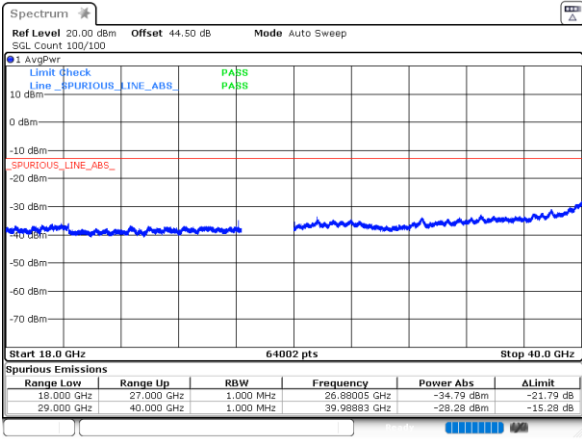
Date: 26.MAY.2020 15:49:16

Lowest Channel / 100MHz



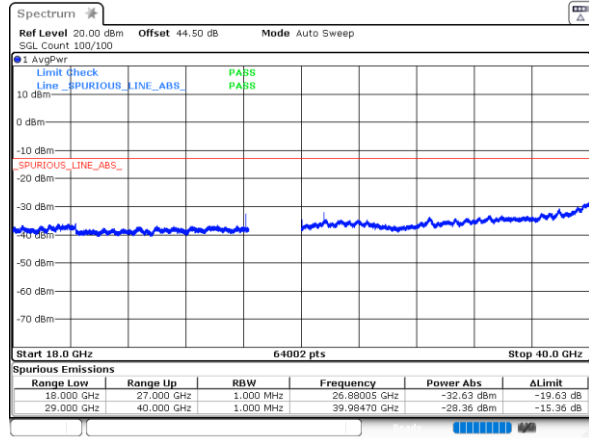
Date: 26.MAY.2020 17:10:24

Middle Channel / 50MHz



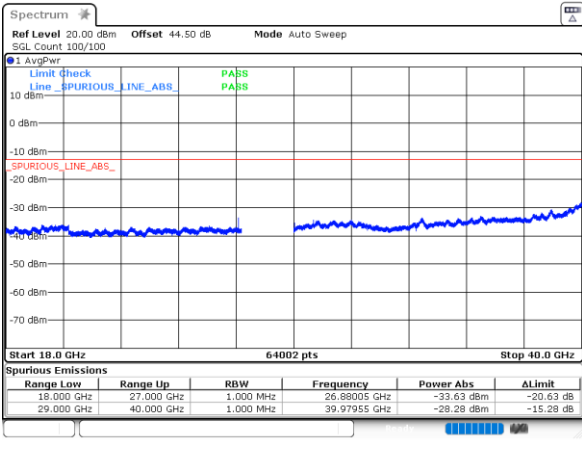
Date: 26.MAY.2020 18:48:32

Middle Channel / 100MHz



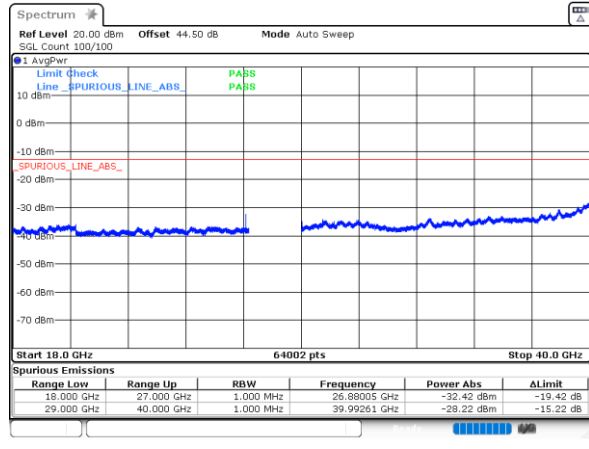
Date: 26.MAY.2020 19:40:14

Highest Channel / 50MHz



Date: 26.MAY.2020 20:20:37

Highest Channel / 100MHz



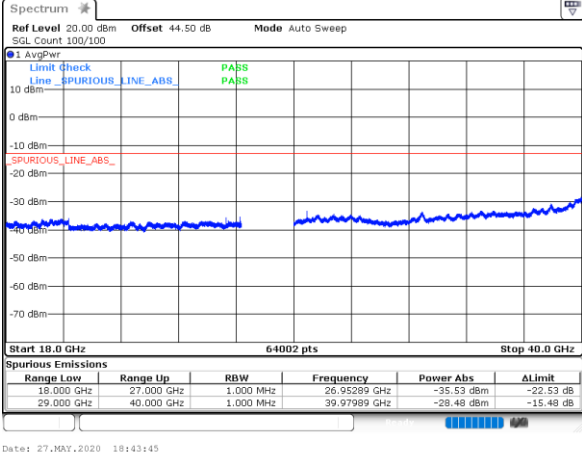
Date: 26.MAY.2020 21:33:32



DFT-s-OFDM Module 1

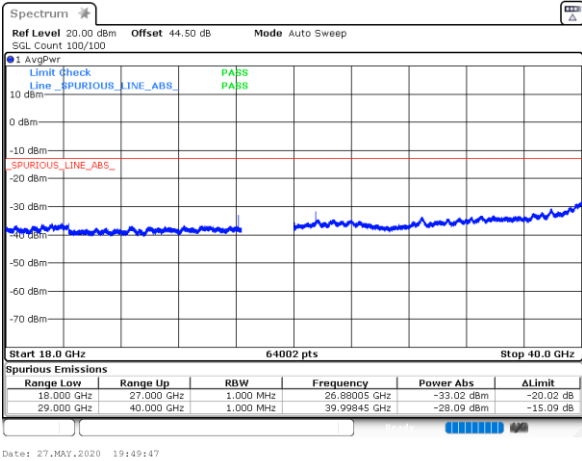
NR Band n261 QPSK (18-40GHz)

Lowest Channel / 200MHz



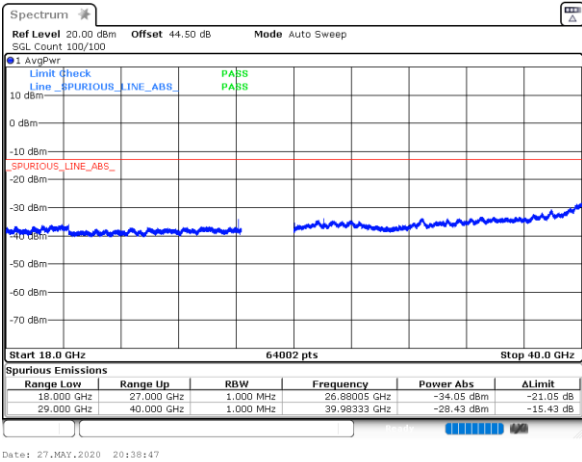
intentionally blank

Middle Channel / 200MHz



intentionally blank

Highest Channel / 200MHz



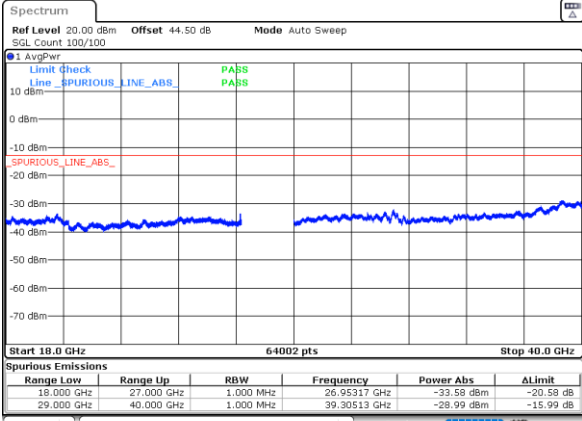
intentionally blank



CP-OFDM Module 0

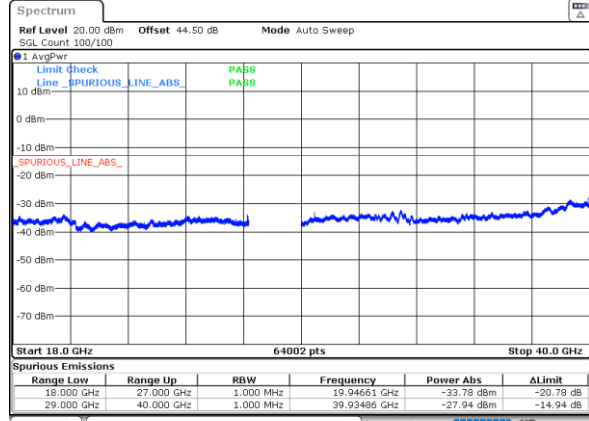
NR Band n261 QPSK (18-40GHz)

Lowest Channel / 50MHz



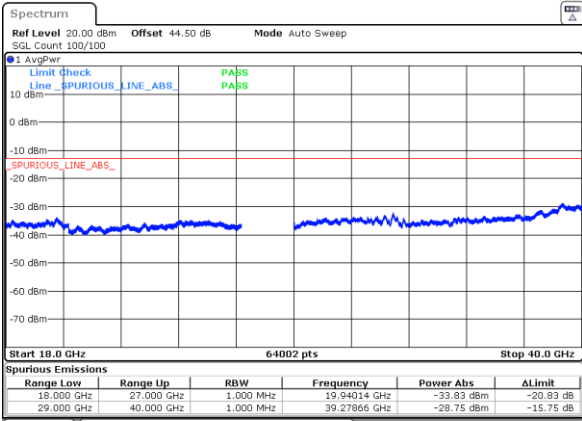
Date: 20\_MAY.2020 20:35:32

Lowest Channel / 100MHz



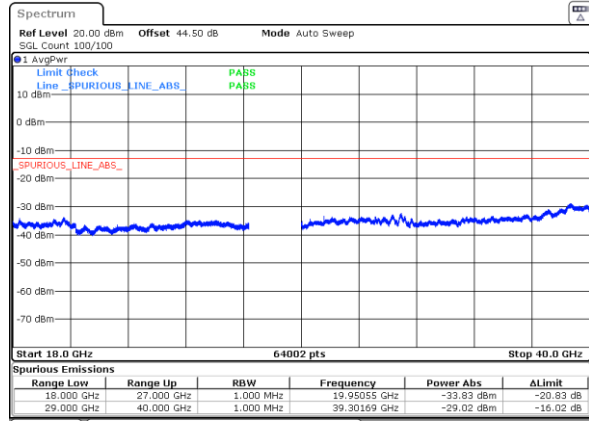
Date: 20\_MAY.2020 21:56:59

Middle Channel / 50MHz



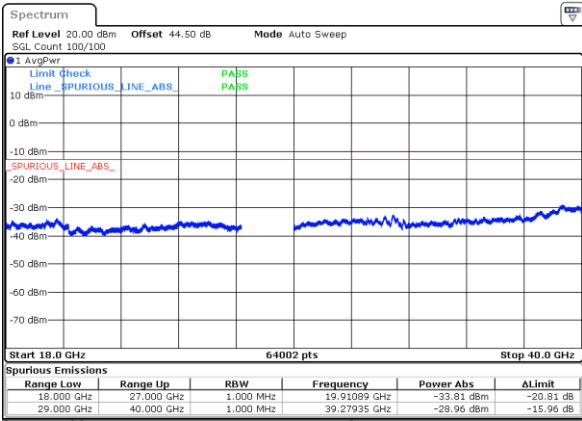
Date: 20\_MAY.2020 23:50:01

Middle Channel / 100MHz



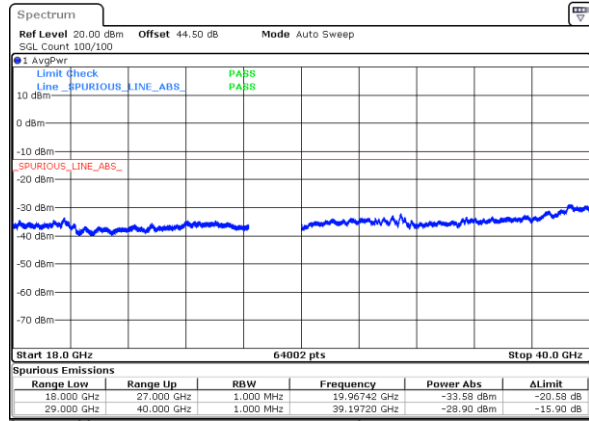
Date: 21\_MAY.2020 01:03:12

Highest Channel / 50MHz



Date: 21\_MAY.2020 14:46:50

Highest Channel / 100MHz



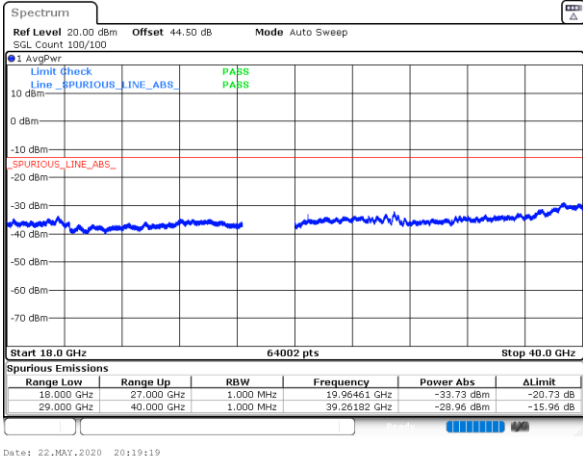
Date: 21\_MAY.2020 16:29:23



CP-OFDM Module 0

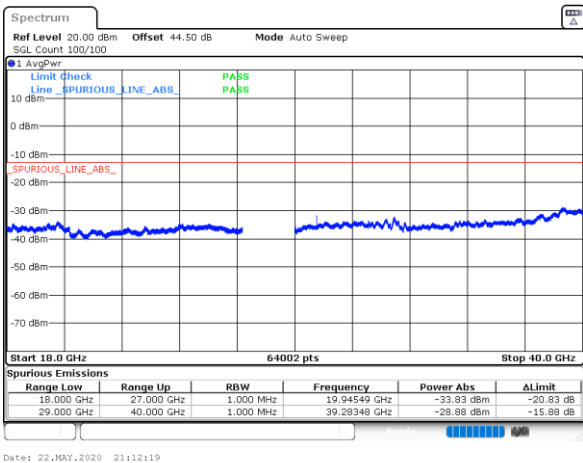
NR Band n261 QPSK (18-40GHz)

Lowest Channel / 200MHz



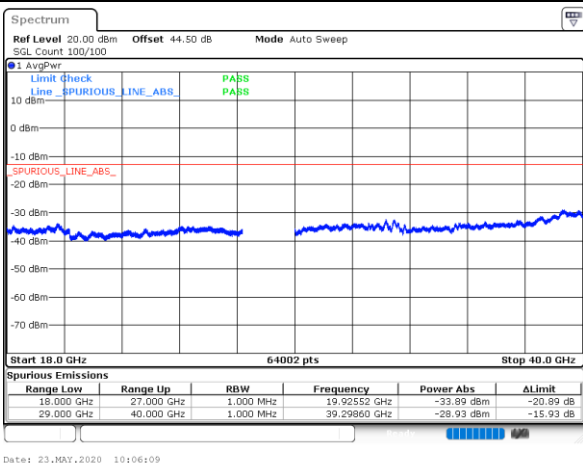
intentionally blank

Middle Channel / 200MHz



intentionally blank

Highest Channel / 200MHz



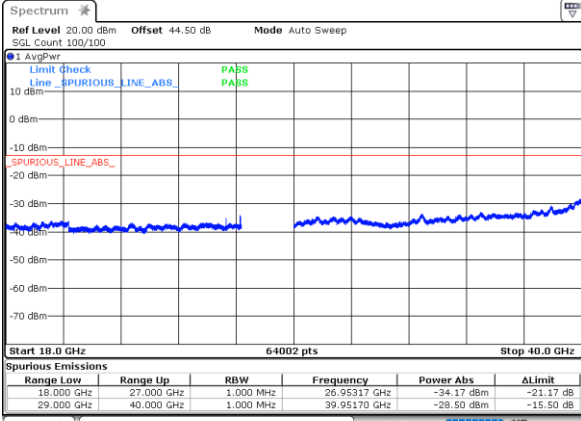
intentionally blank



CP-OFDM Module 1

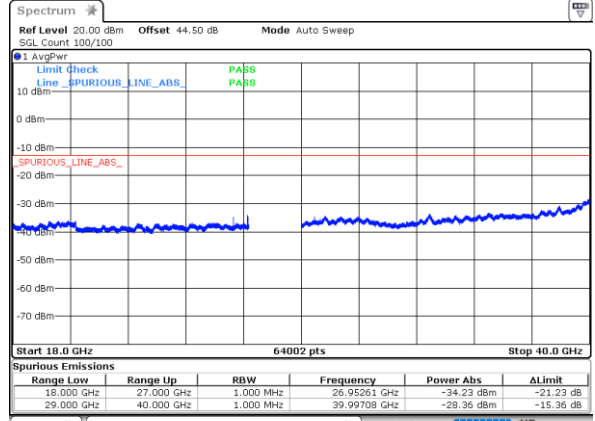
NR Band n261 QPSK (18-40GHz)

Lowest Channel / 50MHz



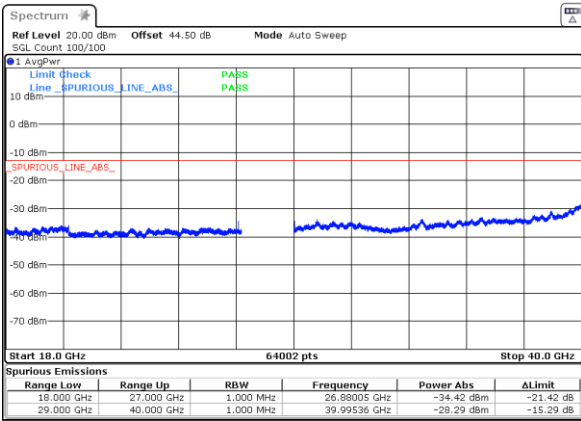
Date: 26.MAY.2020 16:29:06

Lowest Channel / 100MHz



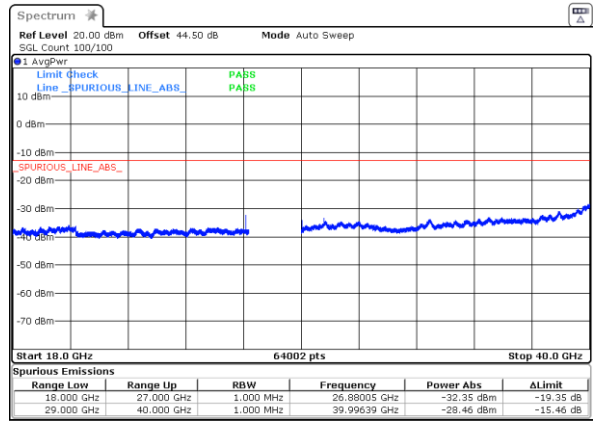
Date: 26.MAY.2020 17:32:21

Middle Channel / 50MHz



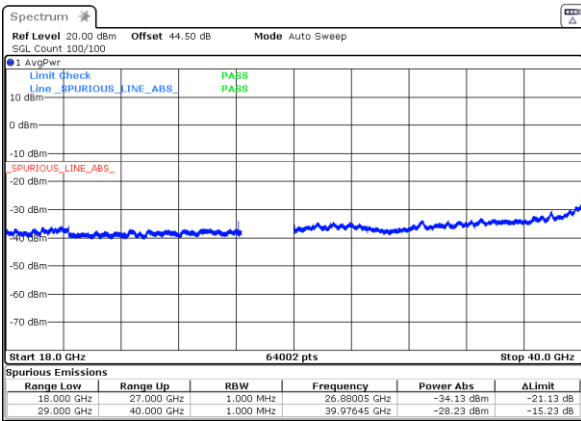
Date: 26.MAY.2020 19:19:23

Middle Channel / 100MHz



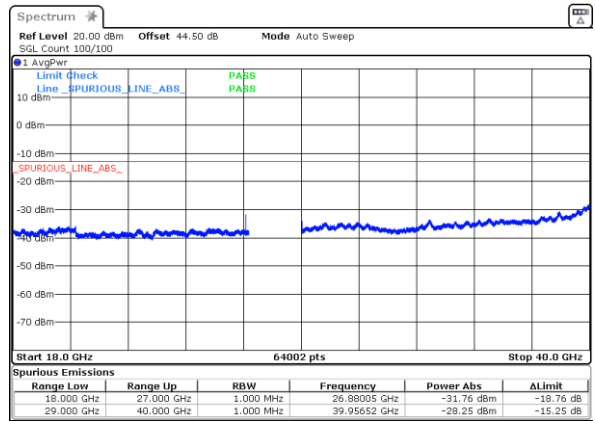
Date: 26.MAY.2020 19:56:13

Highest Channel / 50MHz



Date: 26.MAY.2020 20:51:14

Highest Channel / 100MHz



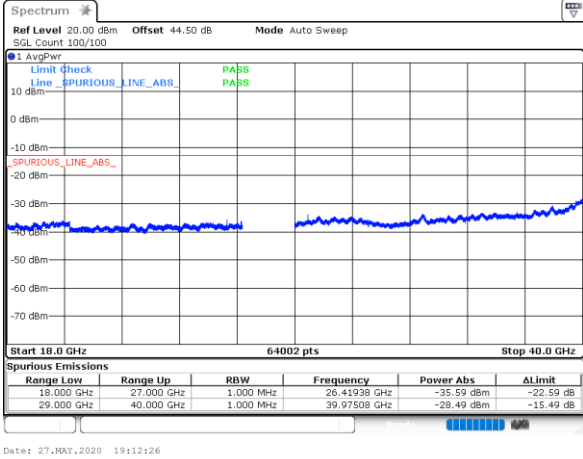
Date: 26.MAY.2020 21:54:21



CP-OFDM Module 1

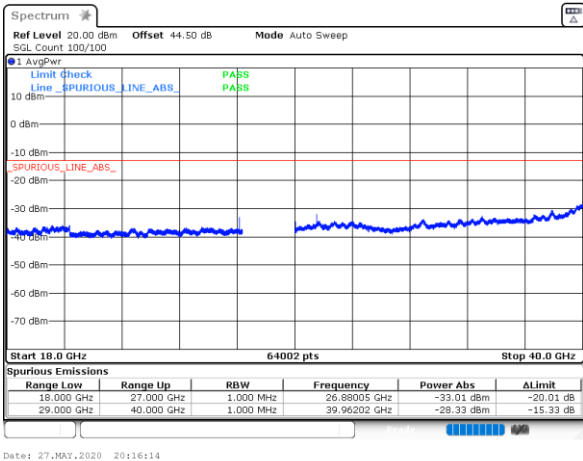
NR Band n261 QPSK (18-40GHz)

Lowest Channel / 200MHz



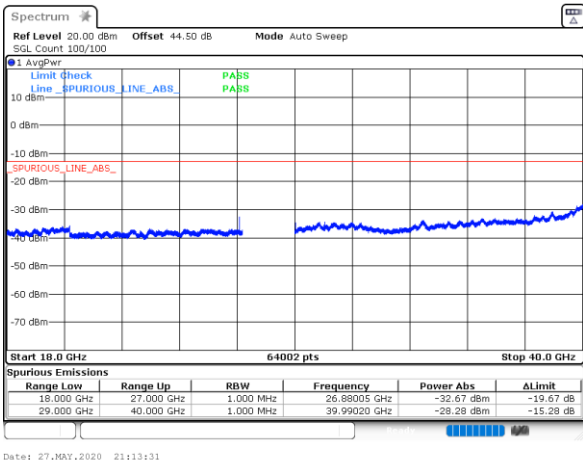
intentionally blank

Middle Channel / 200MHz



intentionally blank

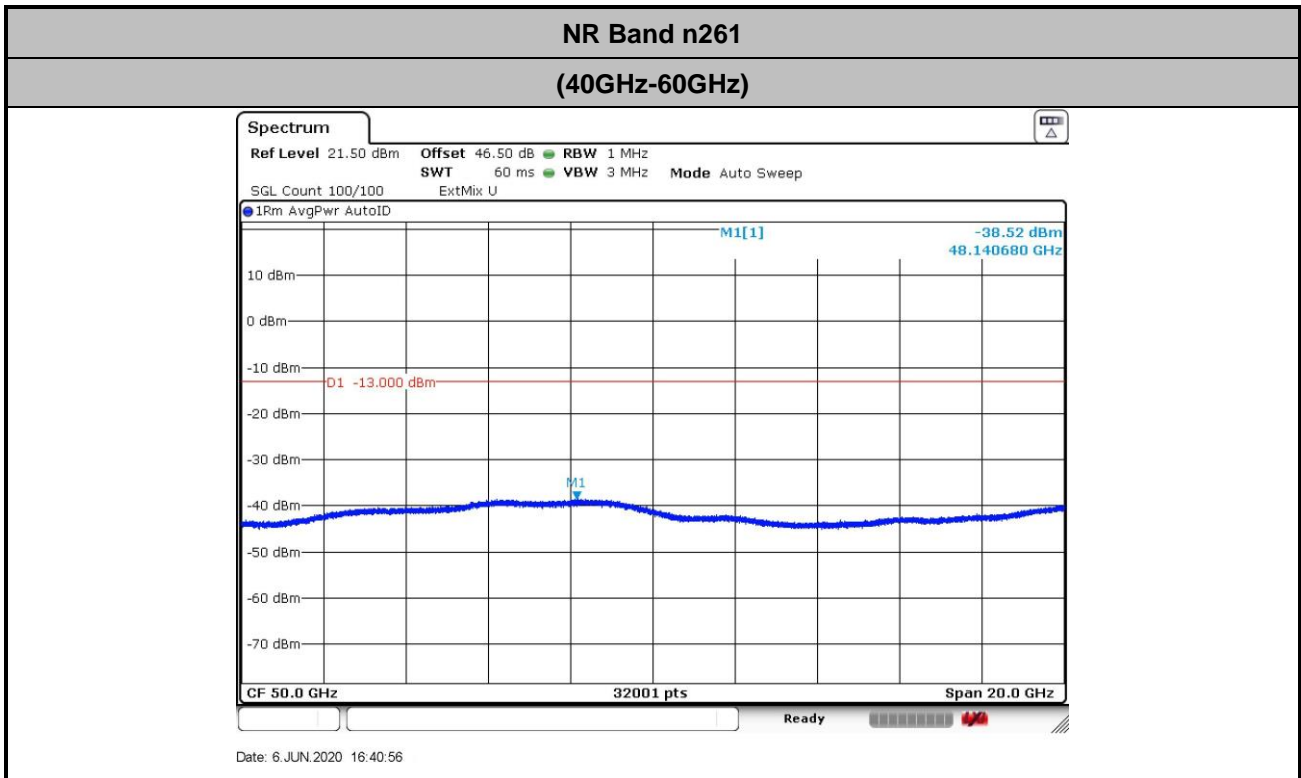
Highest Channel / 200MHz



intentionally blank

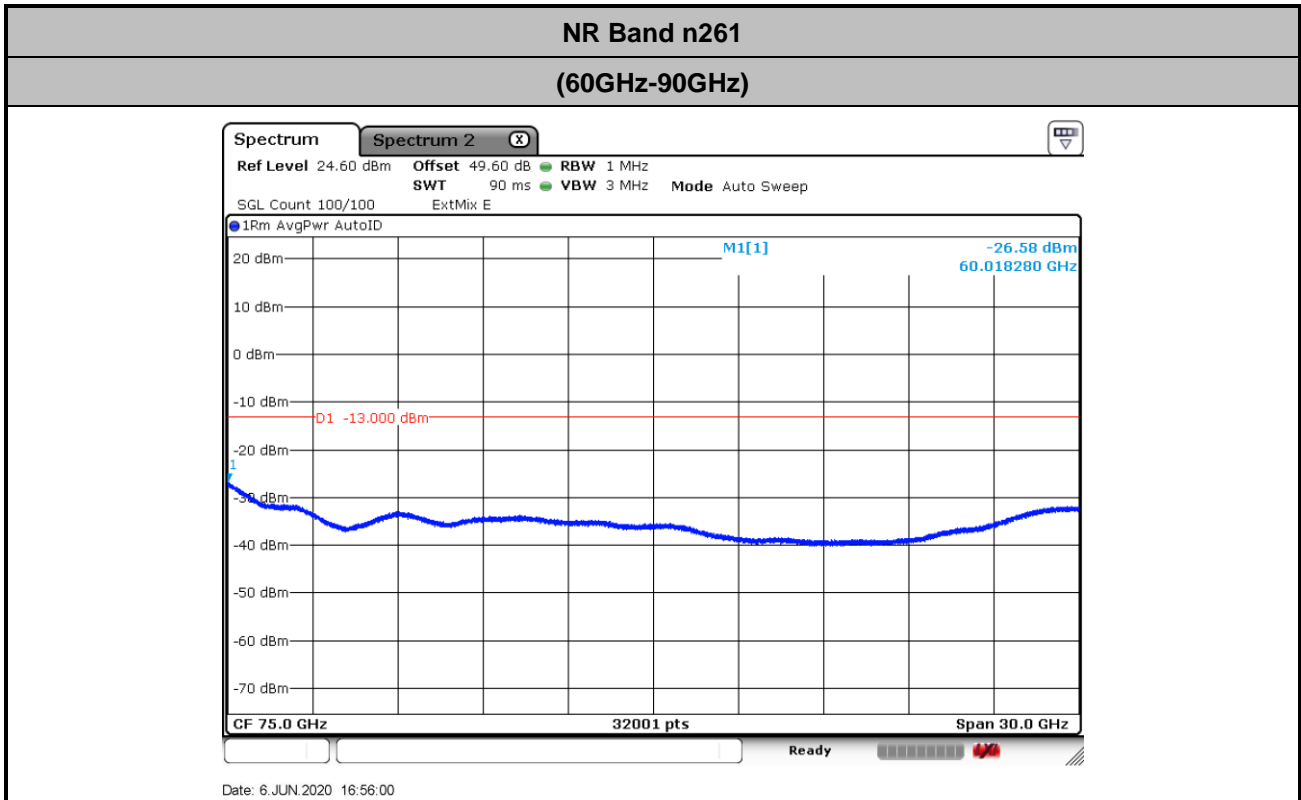


There is no significant spurious emission signal found for frequency started from 40GHz up to 100GHz.  
Only the noise floor is reported.

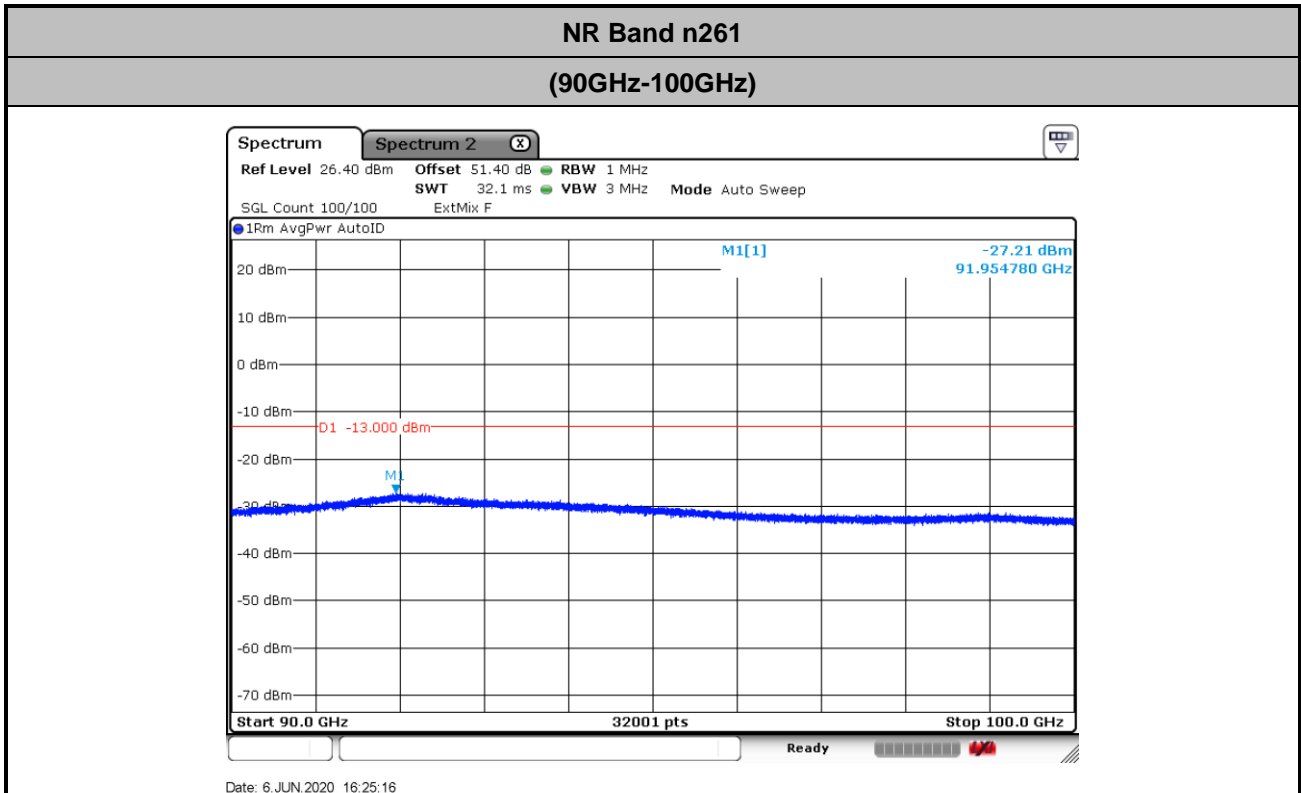


$$\begin{aligned} \text{Offset} &= \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 \\ &= 42.1 + 2.2 + 107 + 20\log(1) - 104.8 = 46.5 \text{ (dB)} \end{aligned}$$





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



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



# NR Band n261 AG1

## Occupied Bandwidth

Mode	DFT-s-OFDM Module 0 NR Band n261 : 99%OBW(MHz)								
BW	50MHz			100MHz			200MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	45.16	45.12	45.36	90.24	90.60	90.80	188.40	188.56	185.76
Middle CH	45.32	45.20	45.48	90.60	89.92	90.56	188.32	188.16	188.08
Highest CH	45.52	45.24	45.30	90.32	89.92	90.36	188.24	188.64	186.96

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	45.34	45.44	45.26	90.52	90.24	90.32	187.92	188.40	185.68
Middle CH	45.32	45.42	45.24	90.64	90.12	90.32	188.24	188.56	185.20
Highest CH	45.38	45.48	45.30	90.56	90.16	90.24	187.76	188.00	183.84

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	45.16	45.26	45.14	92.56	92.24	92.56	189.60	186.24	190.40
Middle CH	45.36	45.28	45.24	93.00	92.72	92.76	190.00	189.76	191.04
Highest CH	45.30	45.30	45.30	93.04	93.04	92.52	190.16	189.52	190.56

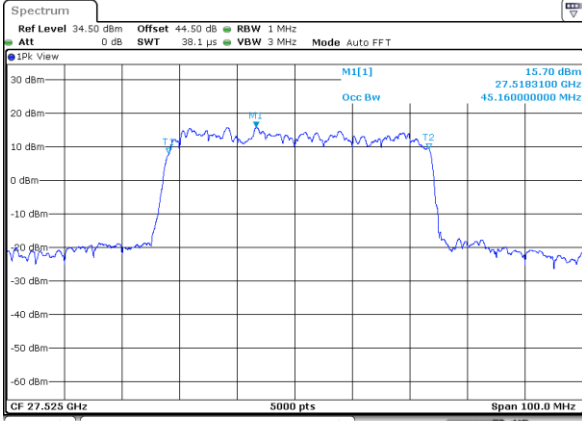
Mode	CP-OFDM Module 1 NR Band n261 : 99%OBW(MHz)								
BW	50MHz			100MHz			200MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	45.36	45.40	45.50	93.24	92.60	92.72	190.16	187.68	191.28
Middle CH	45.34	45.38	45.42	93.20	92.80	92.80	190.24	187.12	191.36
Highest CH	45.36	45.42	45.56	93.16	92.48	92.68	189.76	185.84	190.64



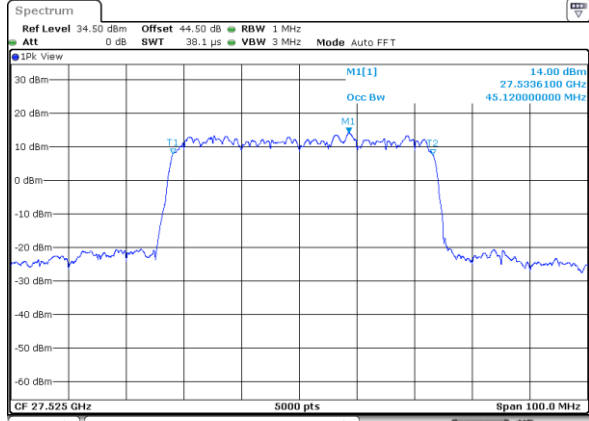
DFT-s-OFDM Module 0

NR Band n261

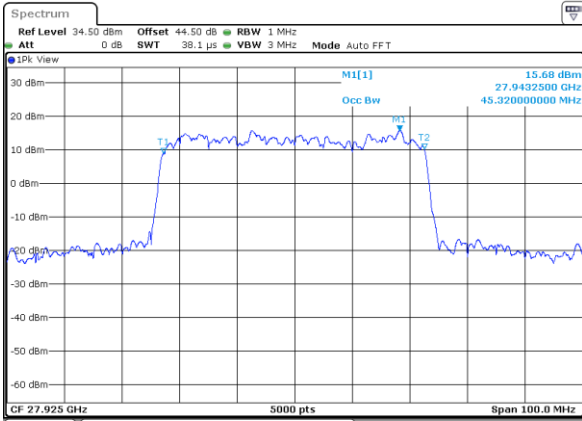
Lowest Channel / 50MHz / QPSK



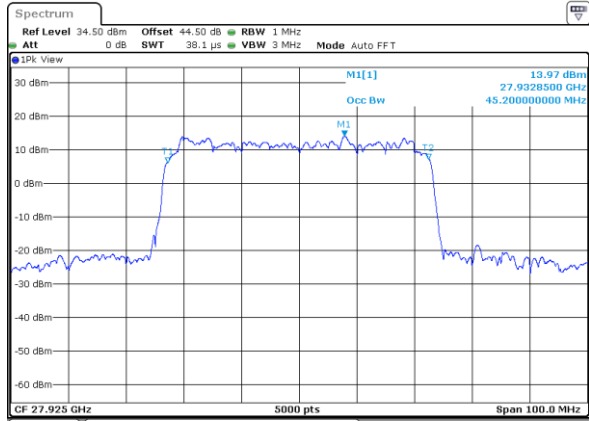
Lowest Channel / 50MHz / 16QAM



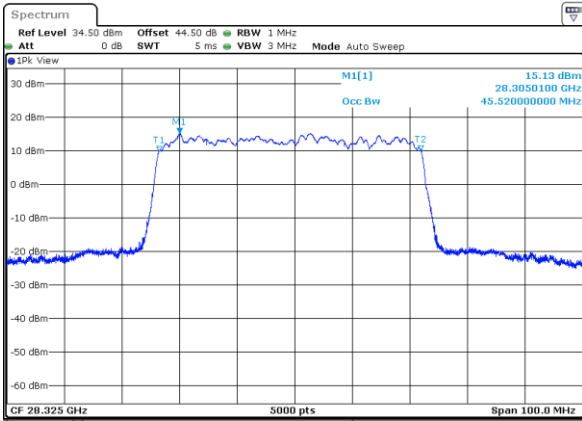
Middle Channel / 50MHz / QPSK



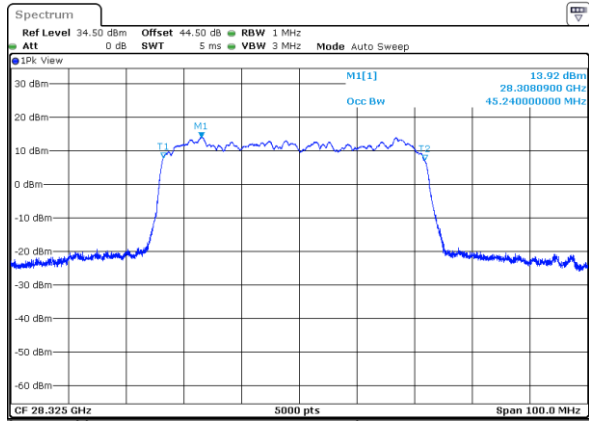
Middle Channel / 50MHz / 16QAM



Highest Channel / 50MHz / QPSK



Highest Channel / 50MHz / 16QAM

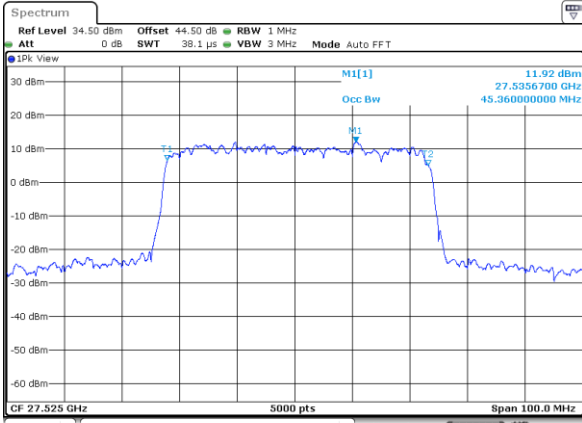




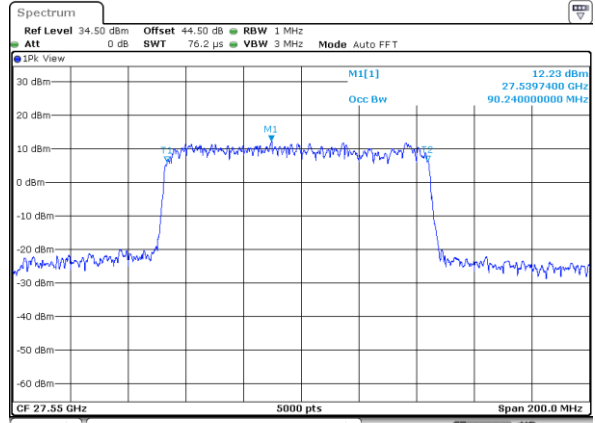
DFT-s-OFDM Module 0

NR Band n261

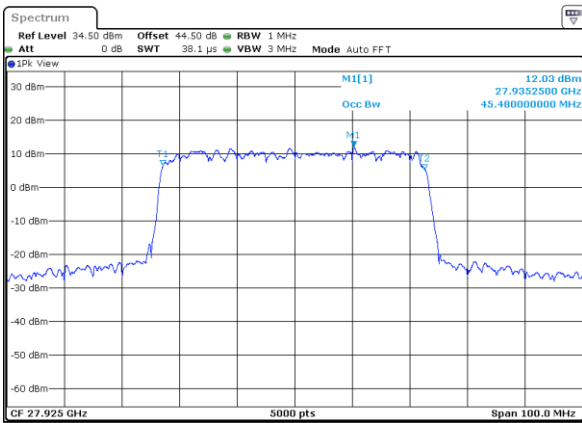
Lowest Channel / 50MHz / 64QAM



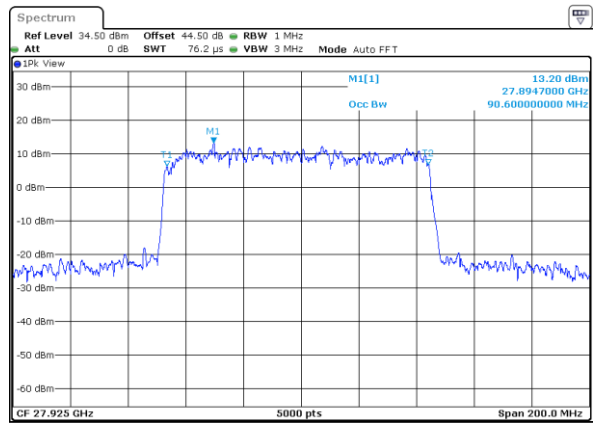
Lowest Channel / 100MHz / QPSK



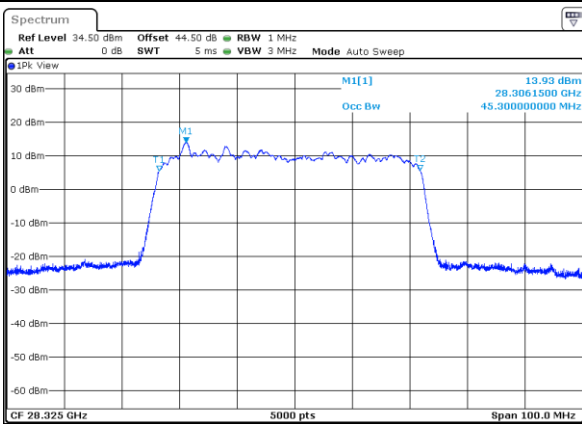
Middle Channel / 50MHz / 64QAM



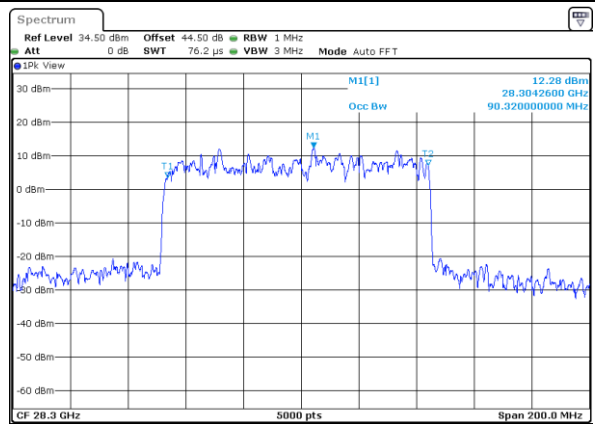
Middle Channel / 100MHz / QPSK



Highest Channel / 50MHz / 64QAM



Highest Channel / 100MHz / QPSK

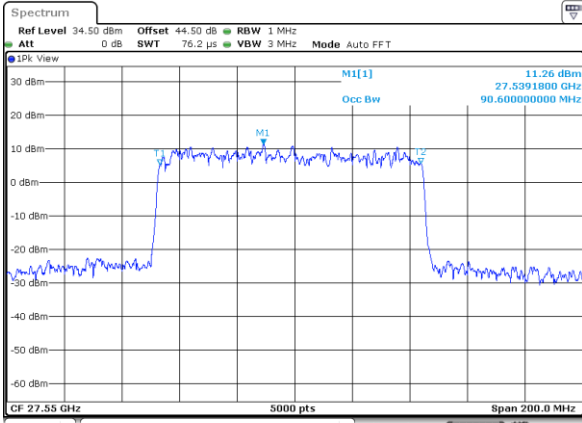




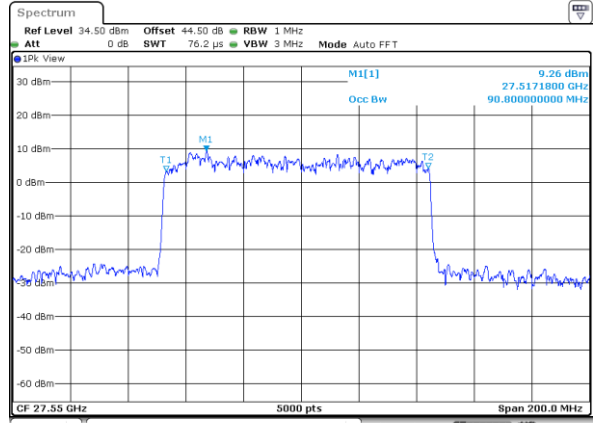
DFT-s-OFDM Module 0

NR Band n261

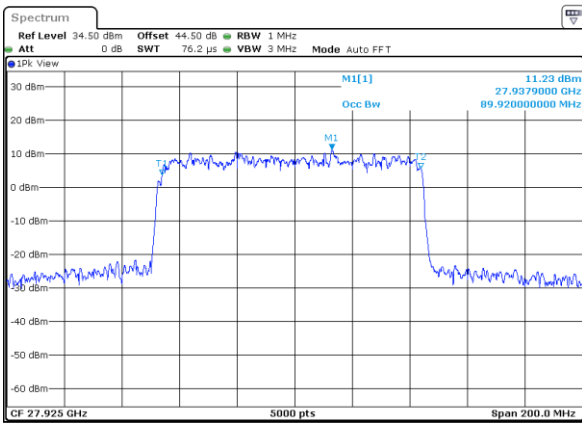
Lowest Channel / 100MHz / 16QAM



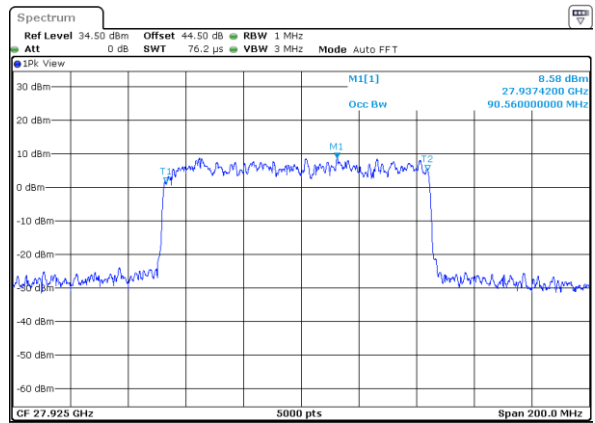
Lowest Channel / 100MHz / 64QAM



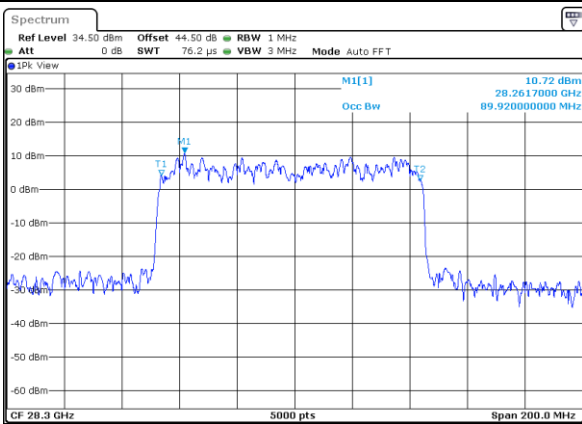
Middle Channel / 100MHz / 16QAM



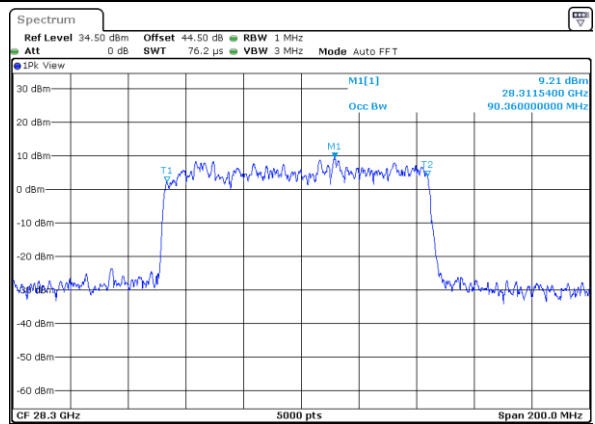
Middle Channel / 100MHz / 64QAM



Highest Channel / 100MHz / 16QAM



Highest Channel / 100MHz / 64QAM

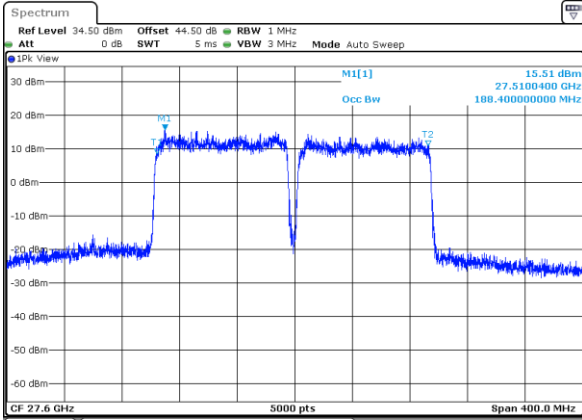




DFT-s-OFDM Module 0

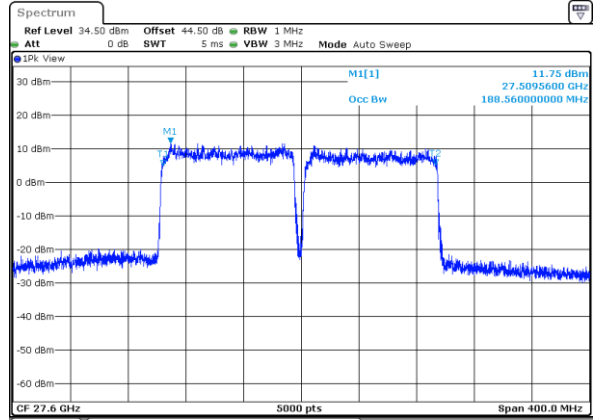
NR Band n261

Lowest Channel / 200MHz / QPSK



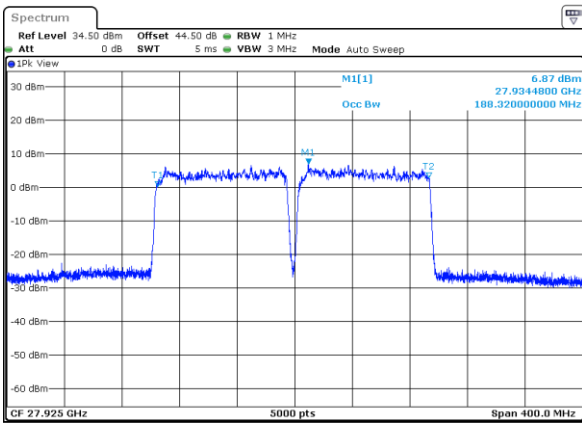
Date: 23.MAY.2020 13:25:04

Lowest Channel / 200MHz / 16QAM



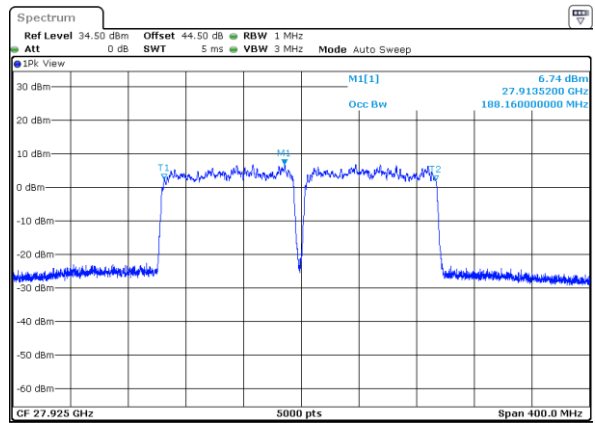
Date: 23.MAY.2020 13:27:00

Middle Channel / 200MHz / QPSK



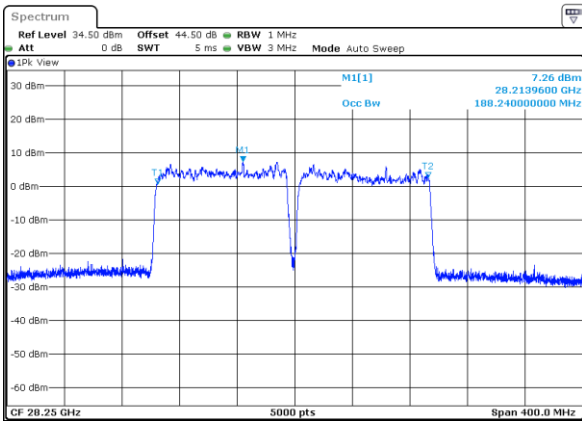
Date: 23.MAY.2020 18:18:08

Middle Channel / 200MHz / 16QAM



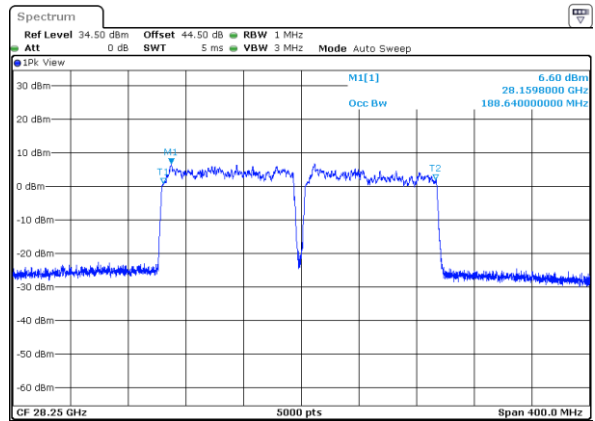
Date: 23.MAY.2020 18:19:04

Highest Channel / 200MHz / QPSK



Date: 23.MAY.2020 20:43:35

Highest Channel / 200MHz / 16QAM



Date: 23.MAY.2020 20:45:52