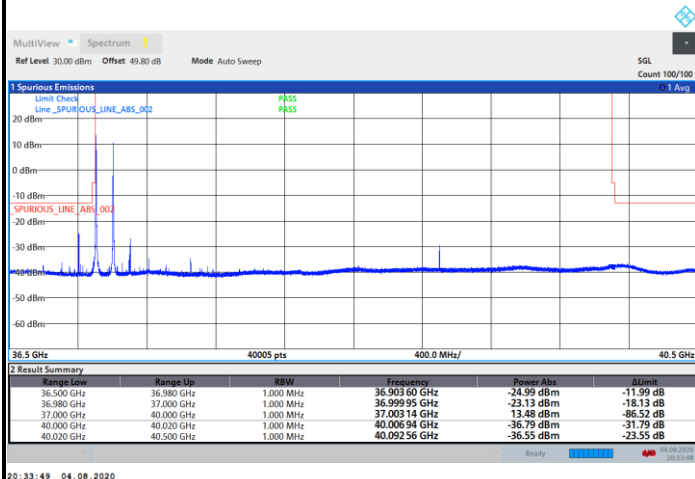




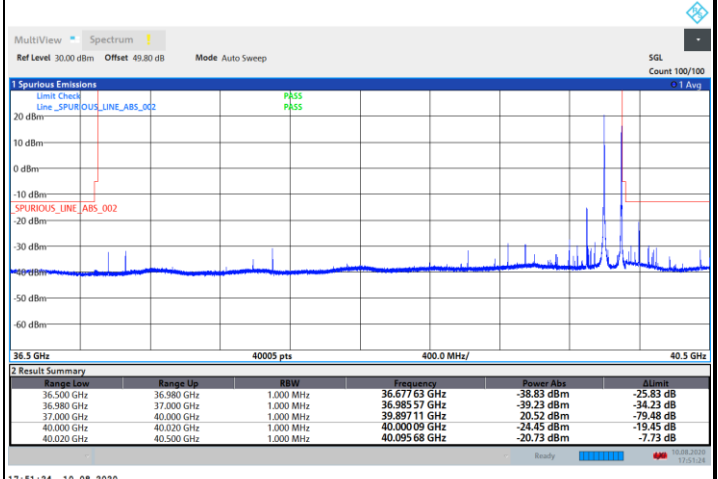
CP-OFDM Module 0

NR Band n260 / 200MHz / QPSK

Lowest Band Edge / 1 RB

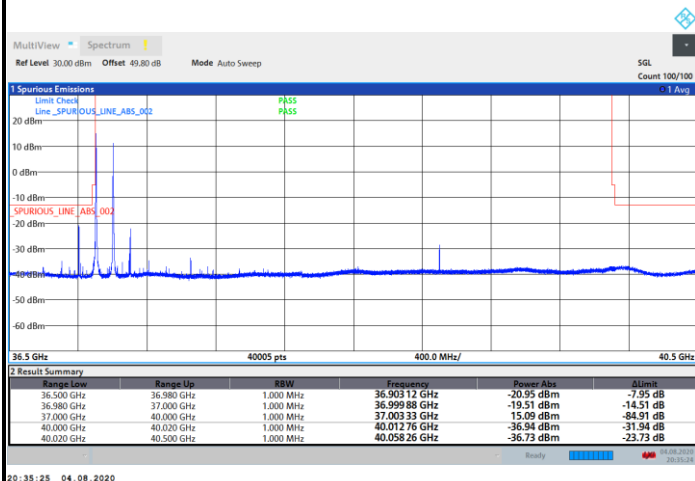


Highest Band Edge / 1 RB

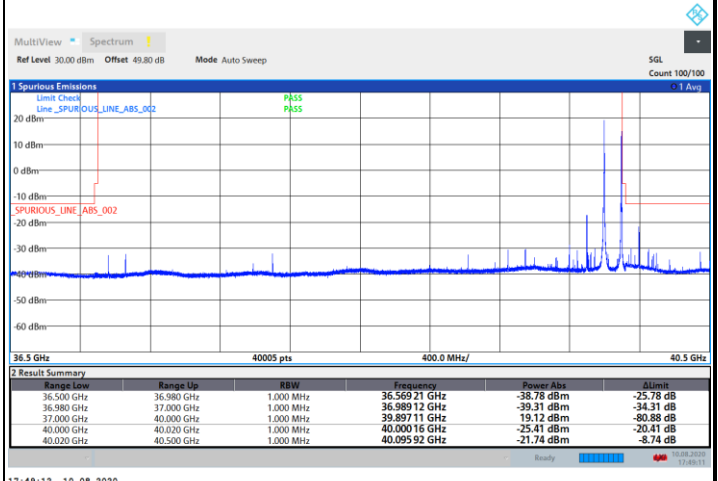


NR Band n260 / 200MHz / 16QAM

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB

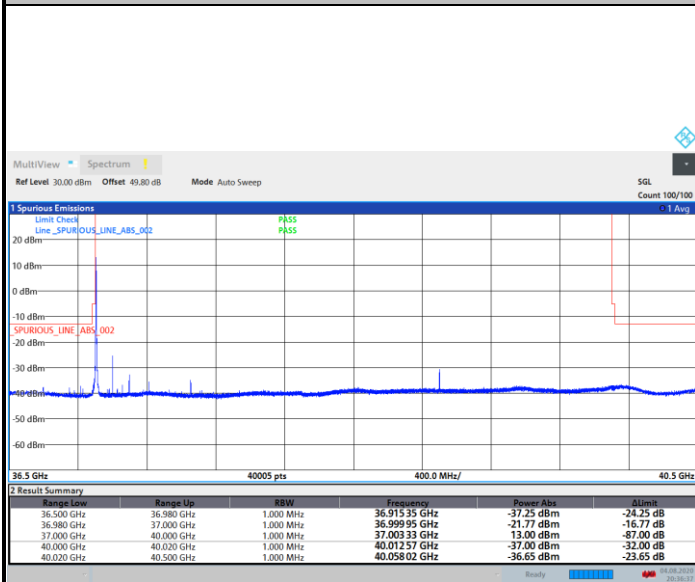




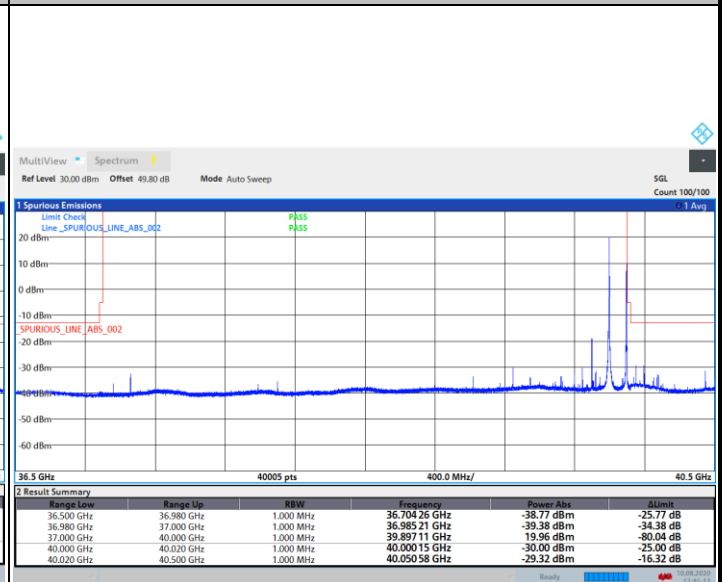
CP-OFDM Module 0

NR Band n260 / 200MHz / 64QAM

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB

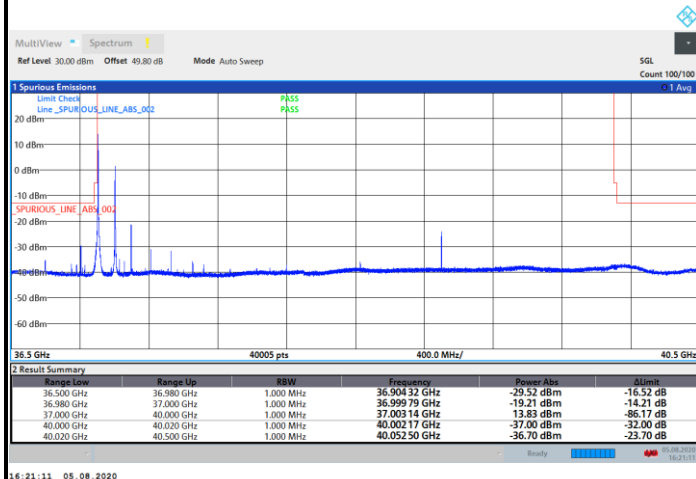




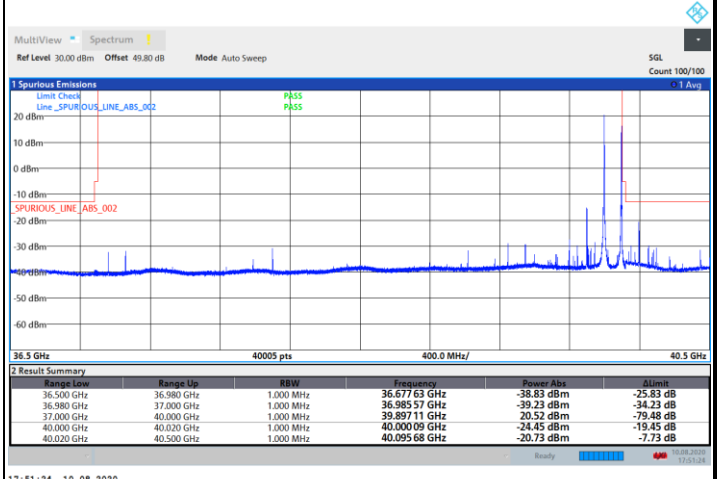
CP-OFDM Module 1

NR Band n260 / 200MHz / QPSK

Lowest Band Edge / 1 RB

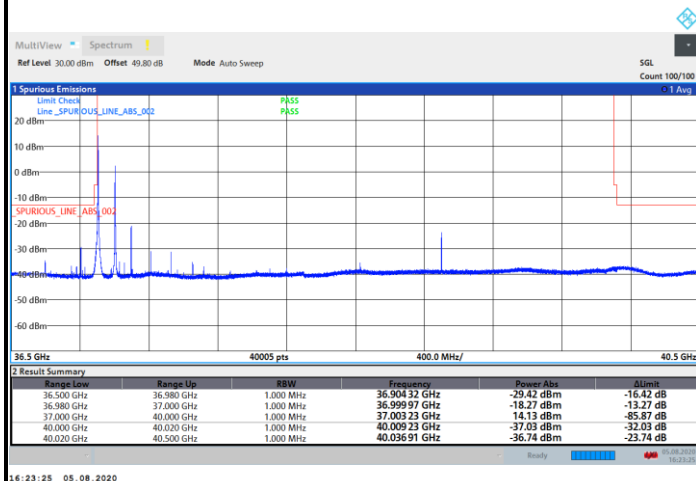


Highest Band Edge / 1 RB

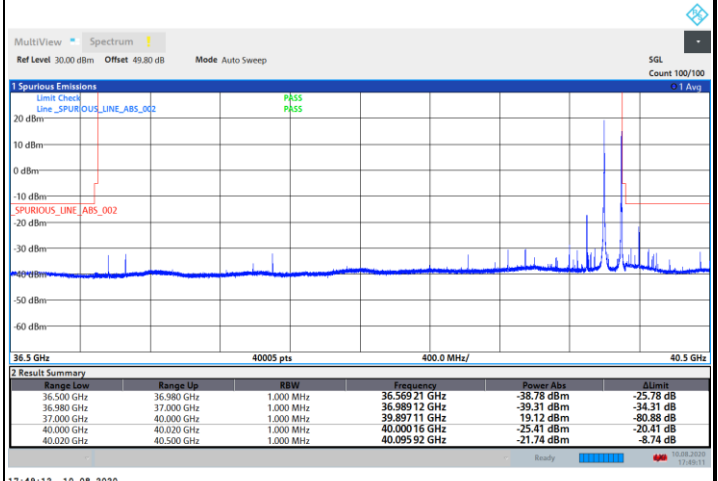


NR Band n260 / 200MHz / 16QAM

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB

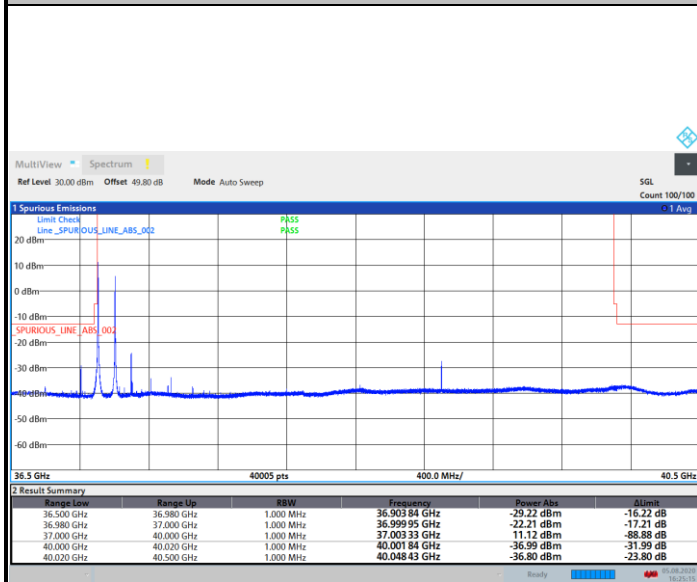




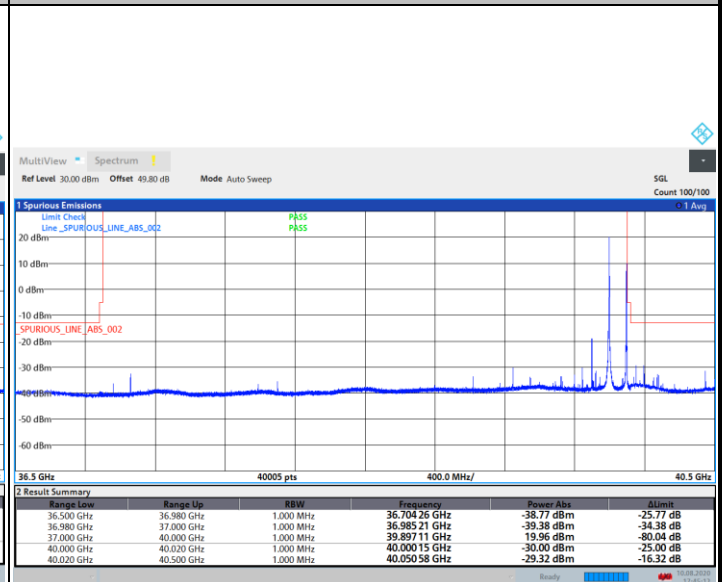
CP-OFDM Module 1

NR Band n260 / 200MHz / 64QAM

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB

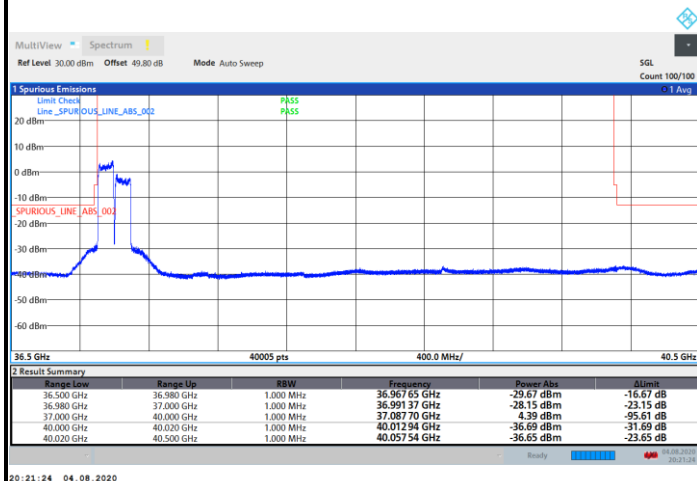




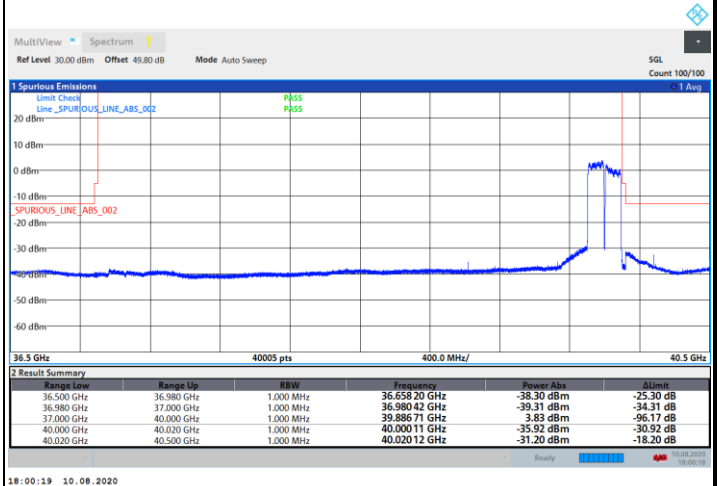
DFT-s-OFDM Module 0

NR Band n260 / 200MHz / QPSK

Lowest Band Edge / Full RB

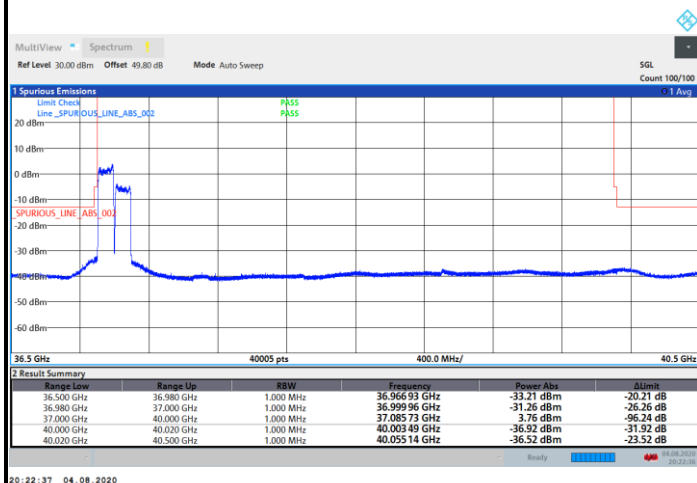


Highest Band Edge / Full RB

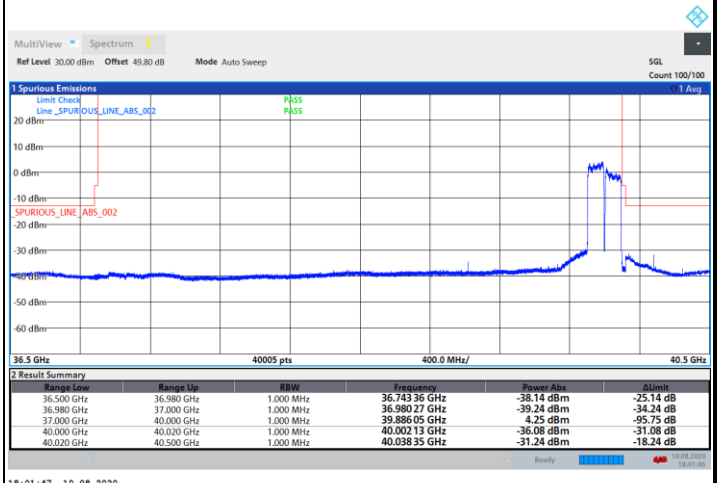


NR Band n260 / 200MHz / 16QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB



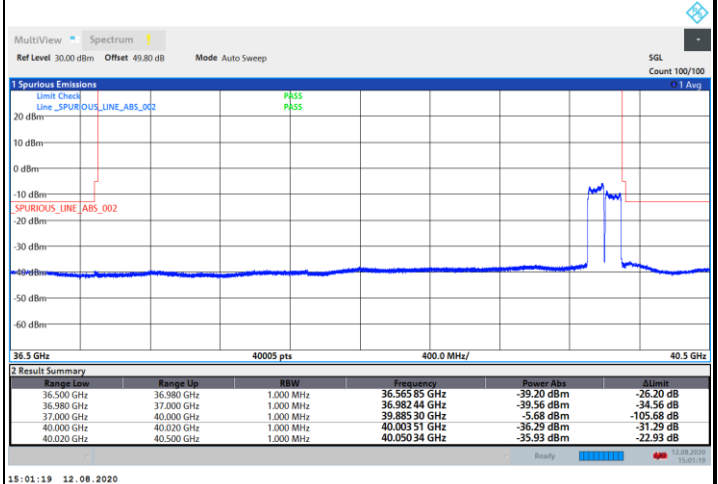
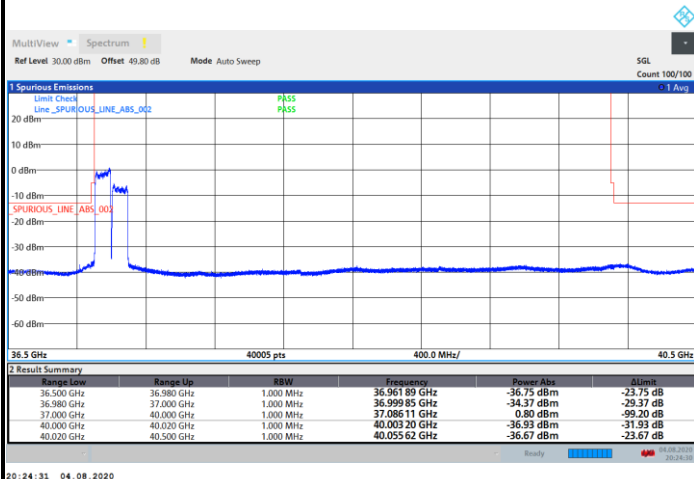


DFT-s-OFDM Module 0

NR Band n260 / 200MHz / 64QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

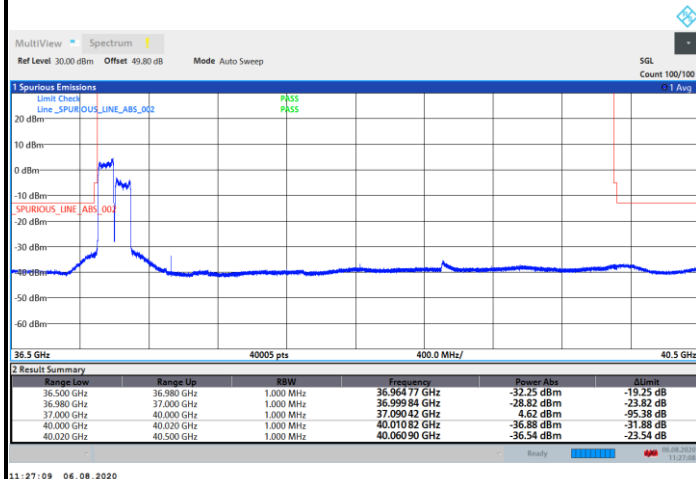




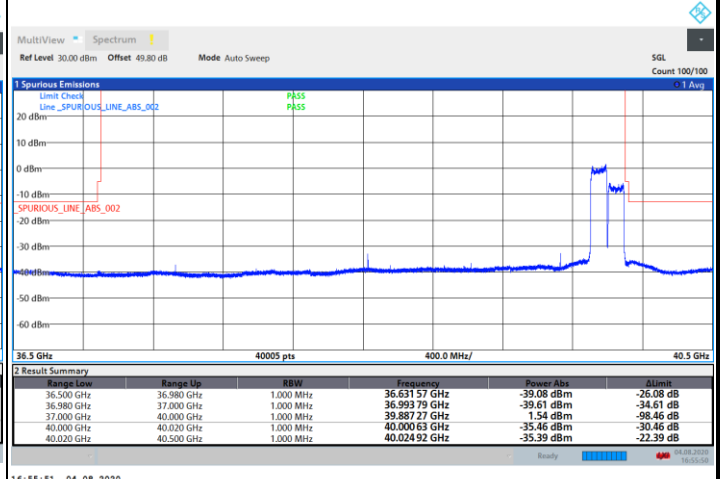
DFT-s-OFDM Module 1

NR Band n260 / 200MHz / QPSK

Lowest Band Edge / Full RB

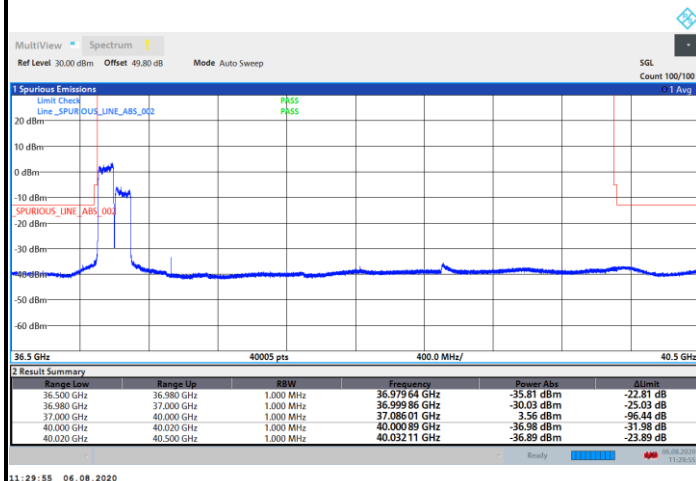


Highest Band Edge / Full RB

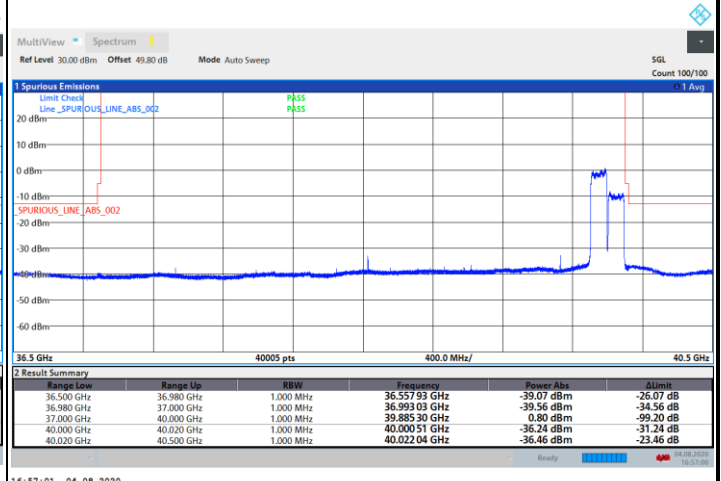


NR Band n260 / 200MHz / 16QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

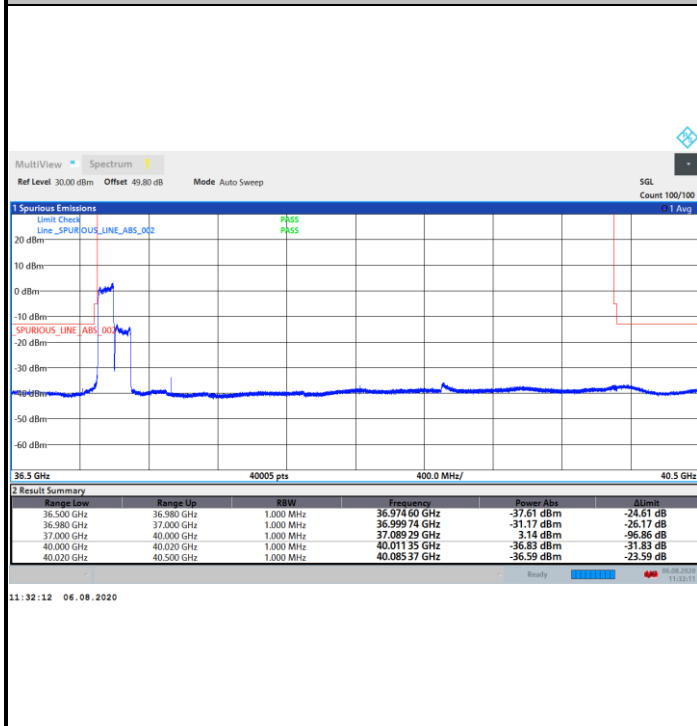




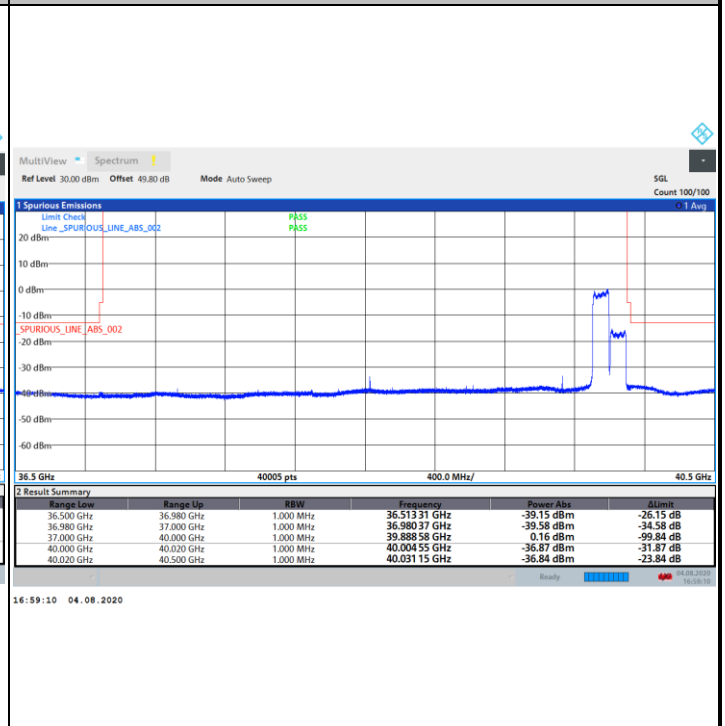
DFT-s-OFDM Module 1

NR Band n260 / 200MHz / 64QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

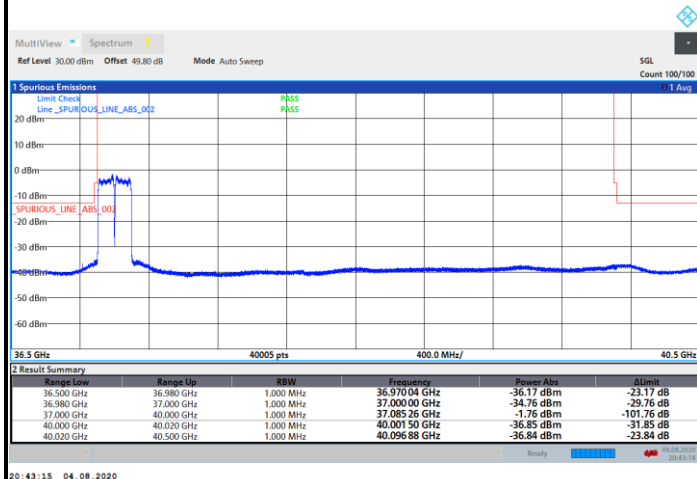




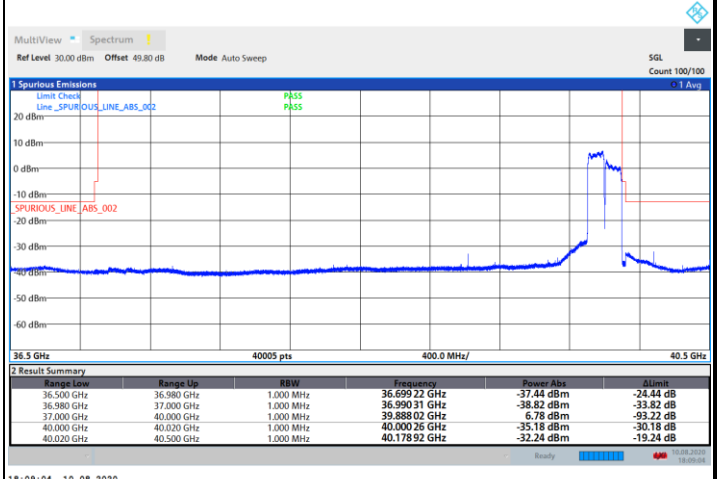
CP-OFDM Module 0

NR Band n260 / 200MHz / QPSK

Lowest Band Edge / Full RB

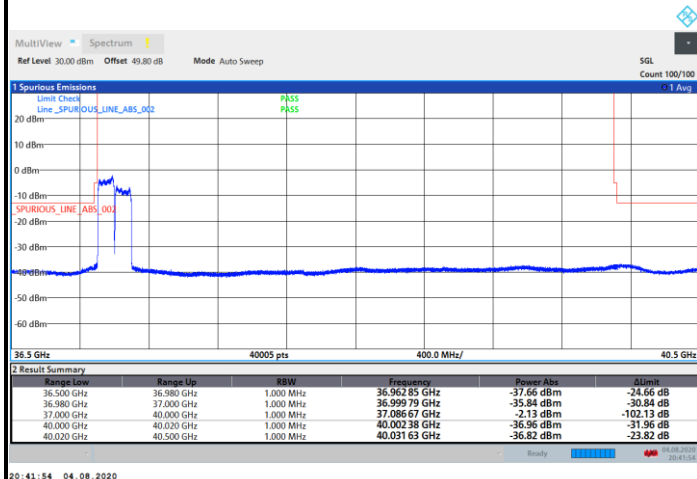


Highest Band Edge / Full RB

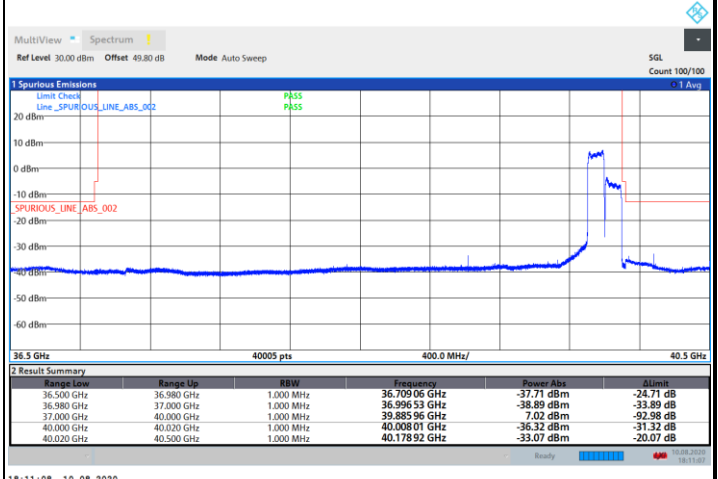


NR Band n260 / 200MHz / 16QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB



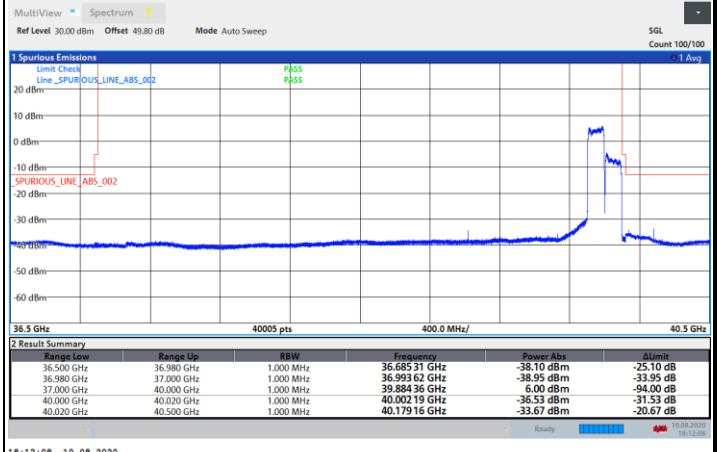
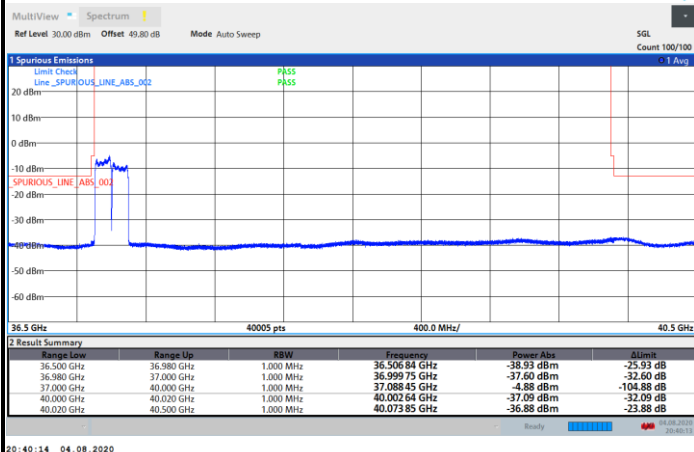


CP-OFDM Module 0

NR Band n260 / 200MHz / 64QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

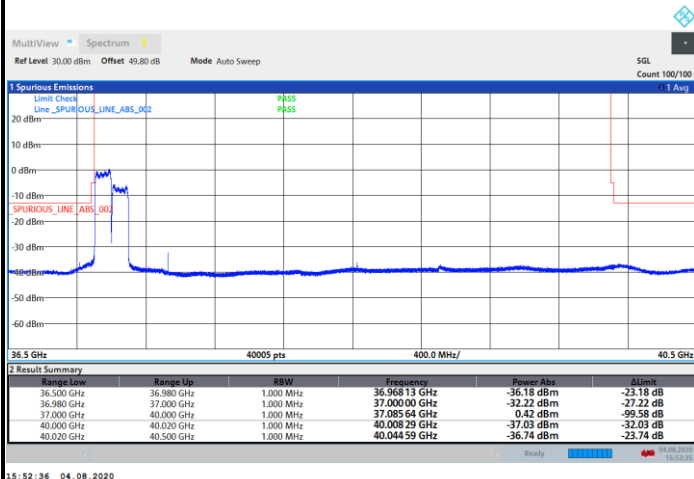




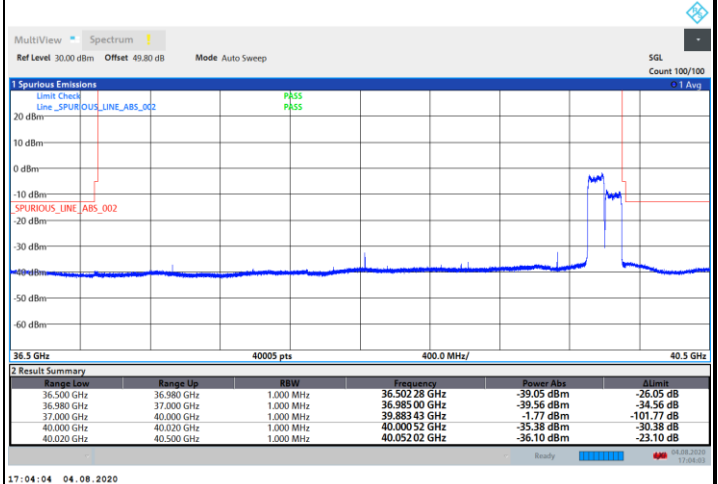
CP-OFDM Module 1

NR Band n260 / 200MHz / QPSK

Lowest Band Edge / Full RB

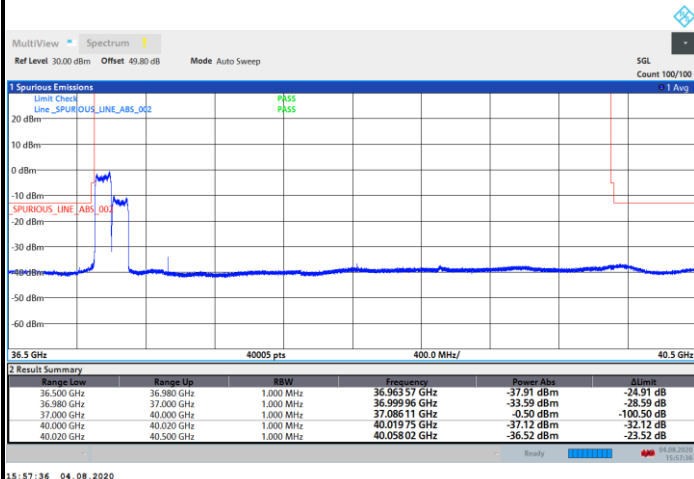


Highest Band Edge / Full RB

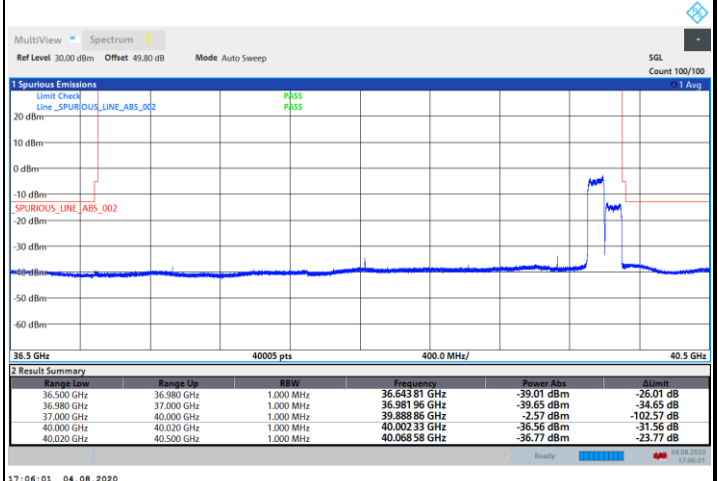


NR Band n260 / 200MHz / 16QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

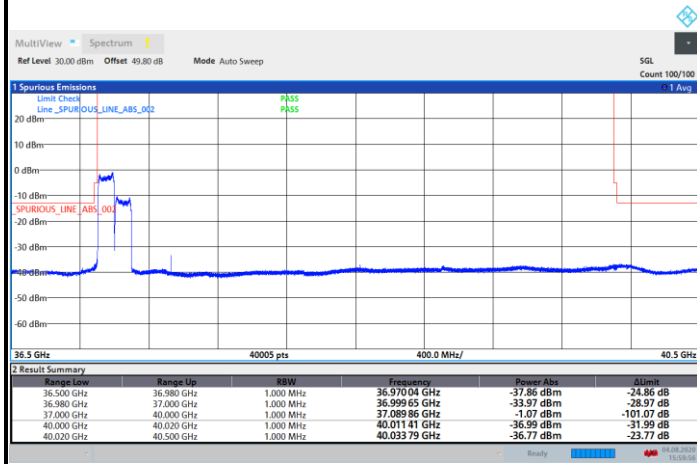




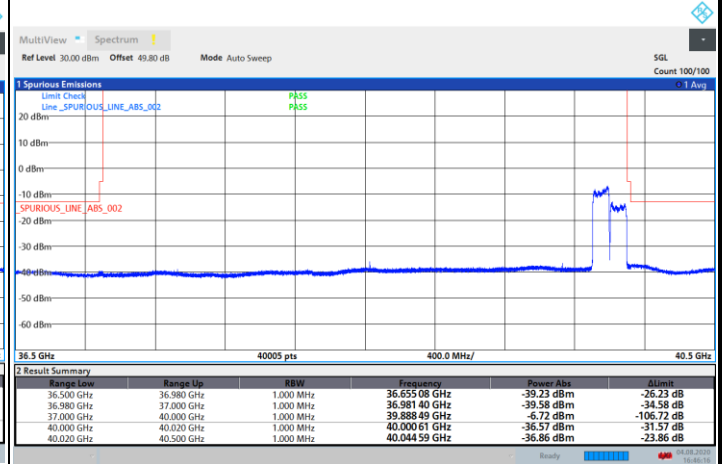
CP-OFDM Module 1

NR Band n260 / 200MHz / 64QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB





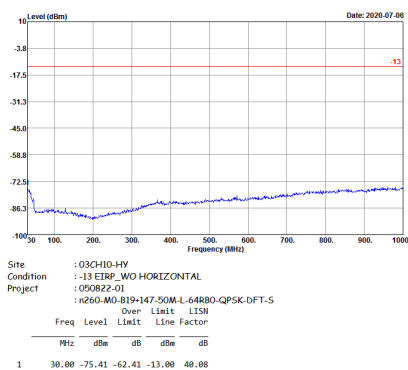
Spurious Emission

There is no significant spurious emission signal found for frequency started from 9kHz up to 18GHz.

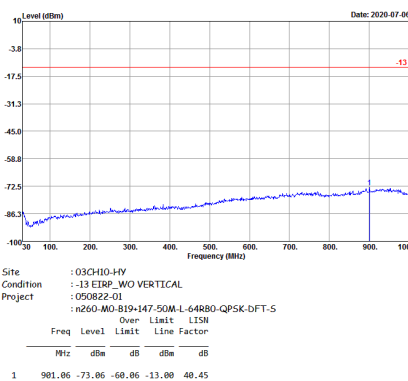
Only the noise floor is reported.

NR Band n260 (30MHz-1GHz)

Horizontal



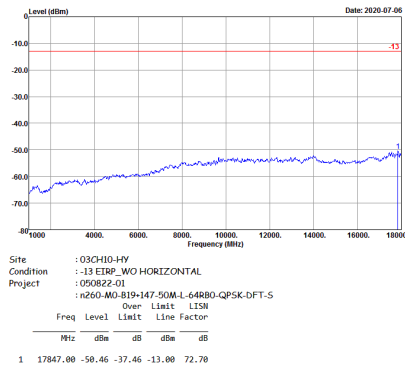
Vertical



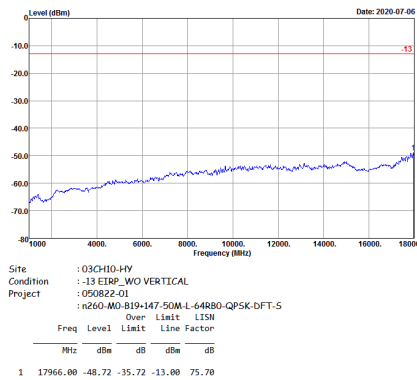


NR Band n260 (1GHz-18GHz)

Horizontal



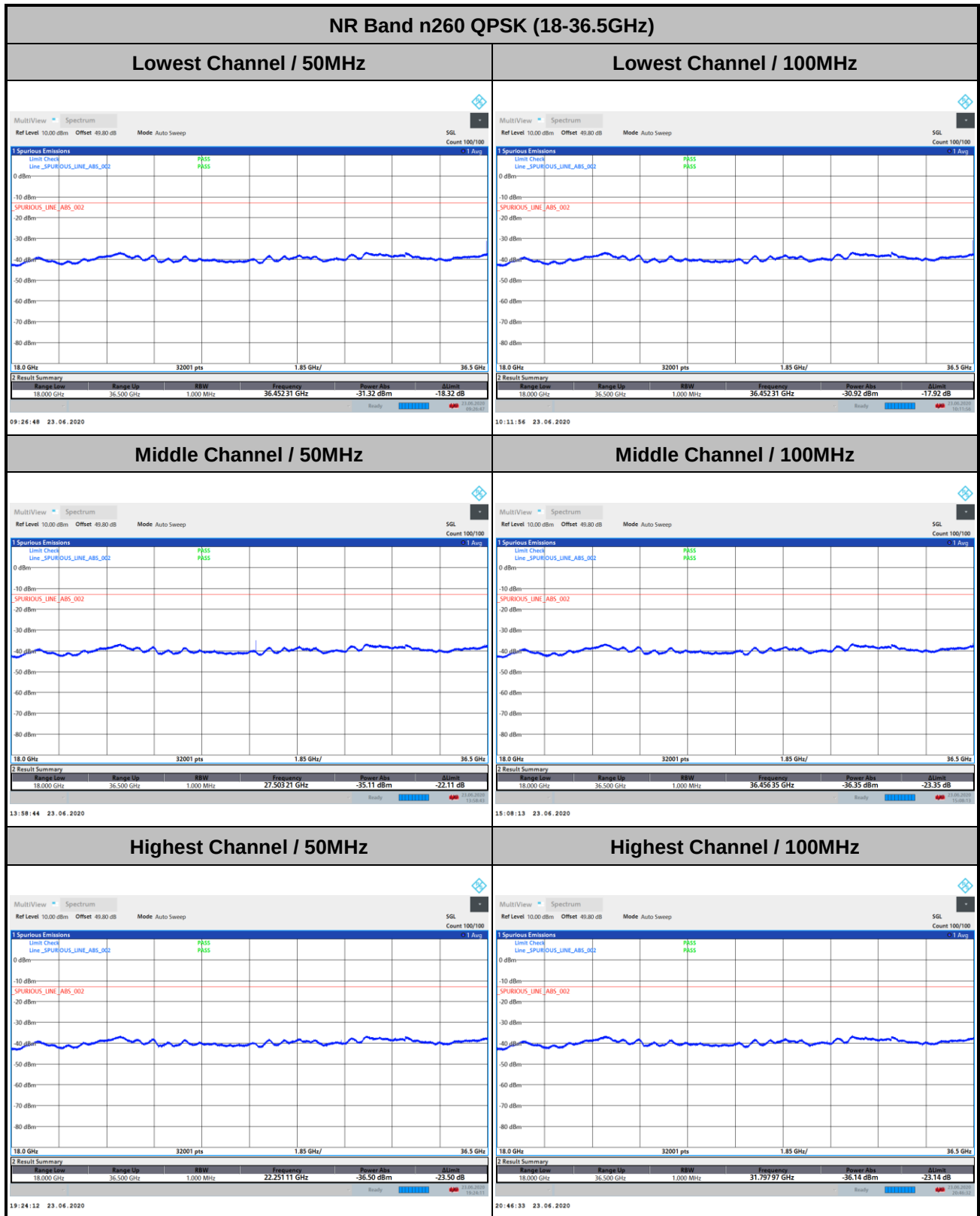
Vertical





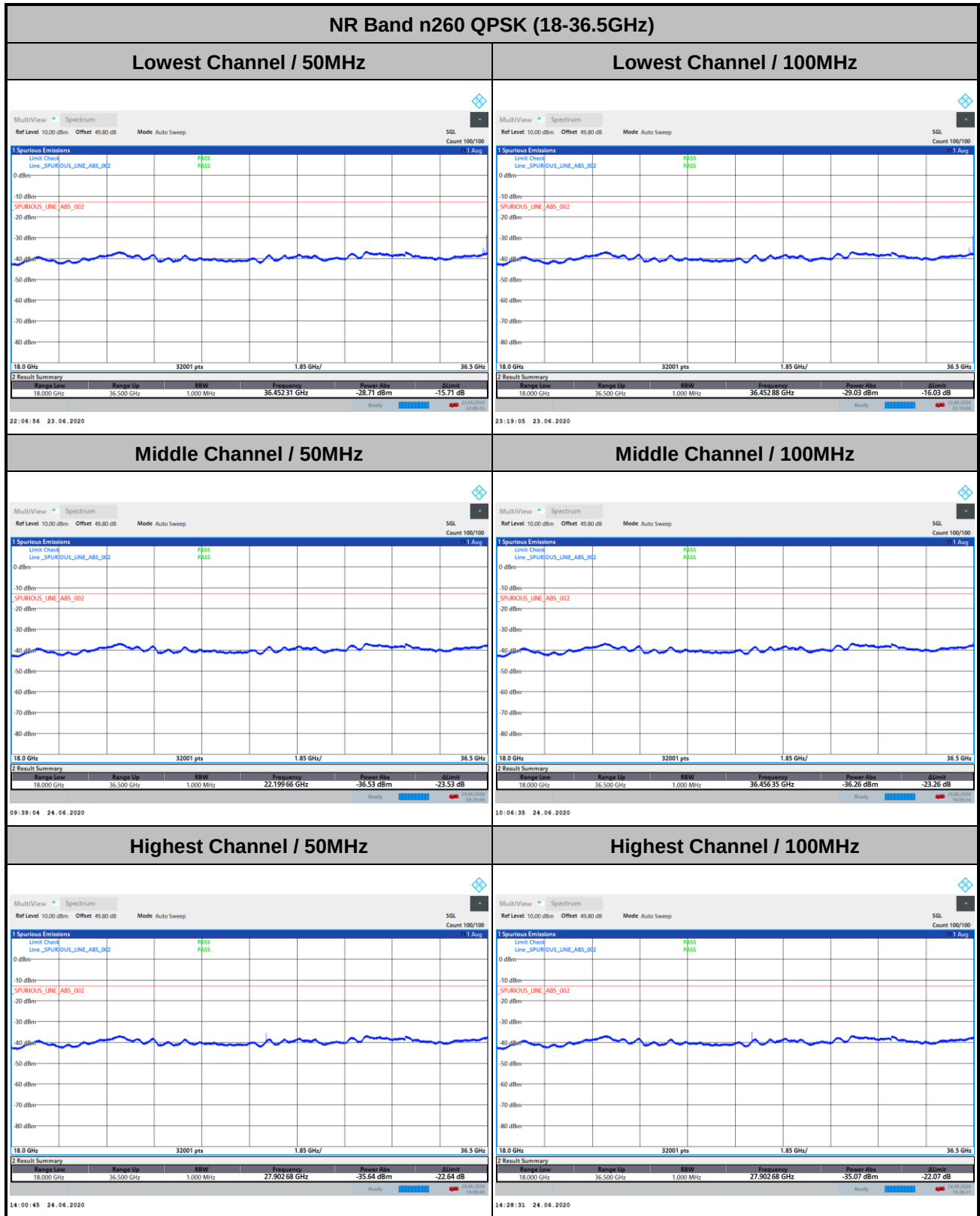
Spurious emission between 18GHz to 40GHz worst case plot is reported as following.

DFT-s-OFDM Module 0



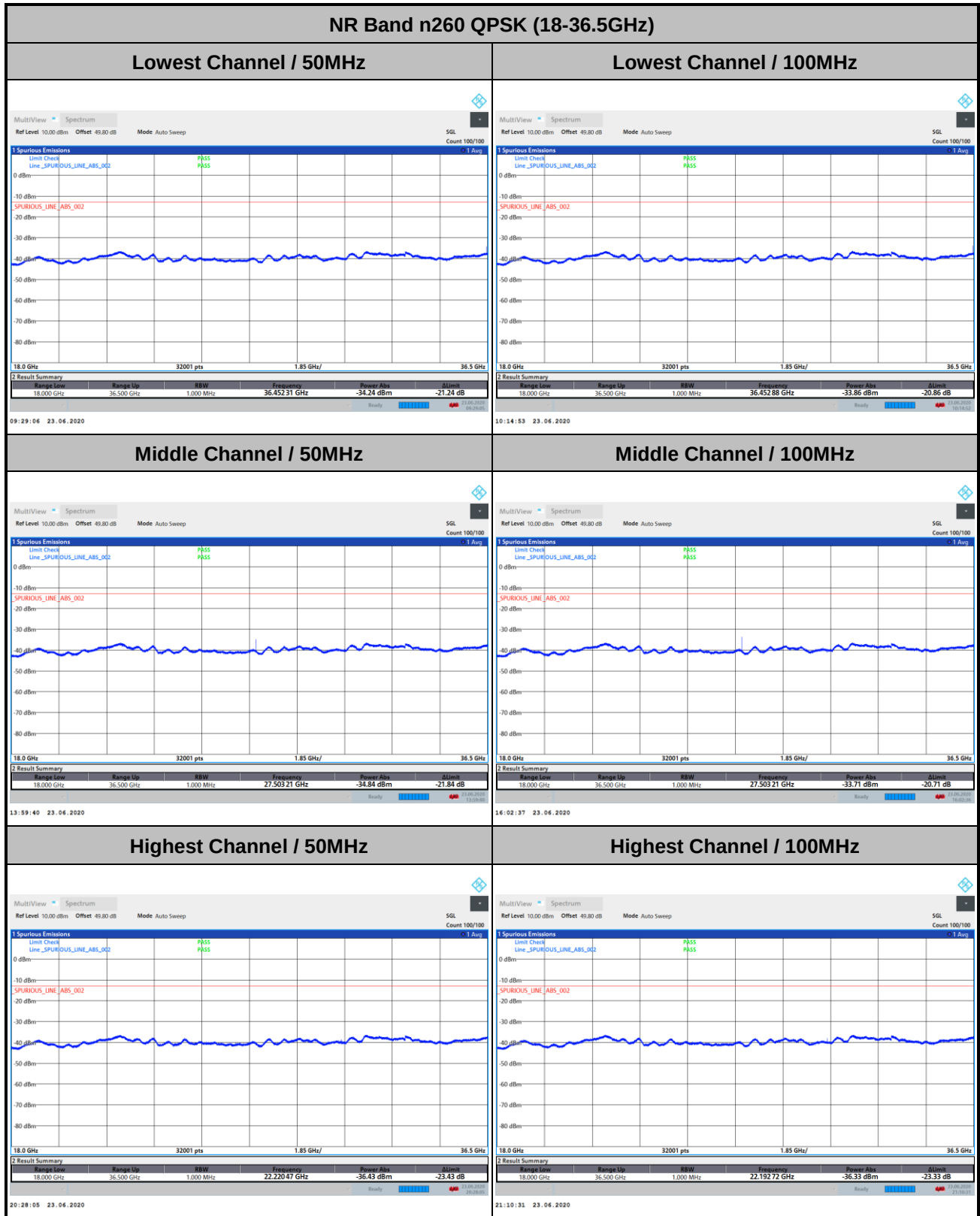


DFT-s-OFDM Module 1



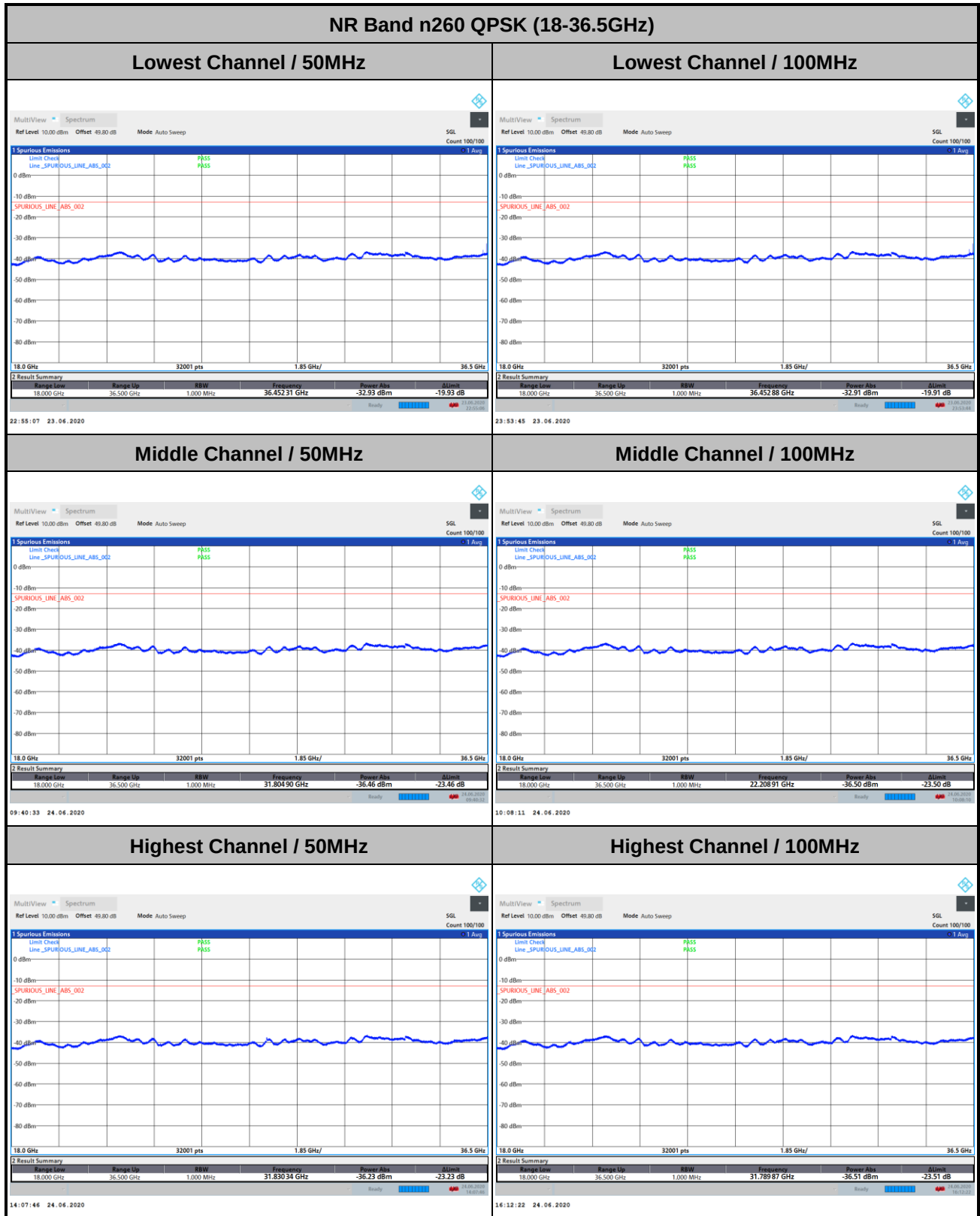


CP-OFDM Module 0





CP-OFDM Module 1

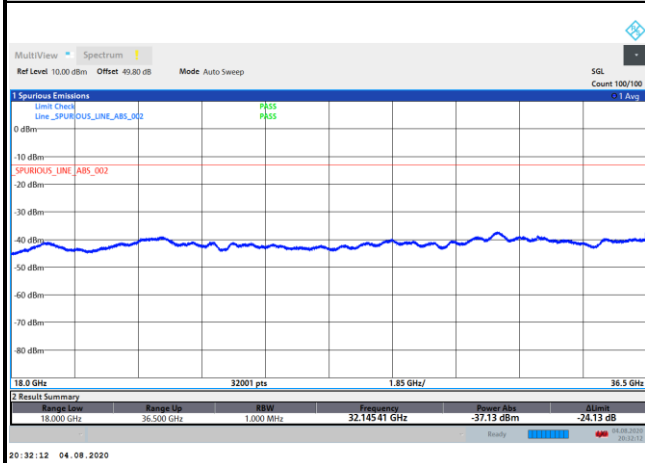




DFT-s-OFDM Module 0

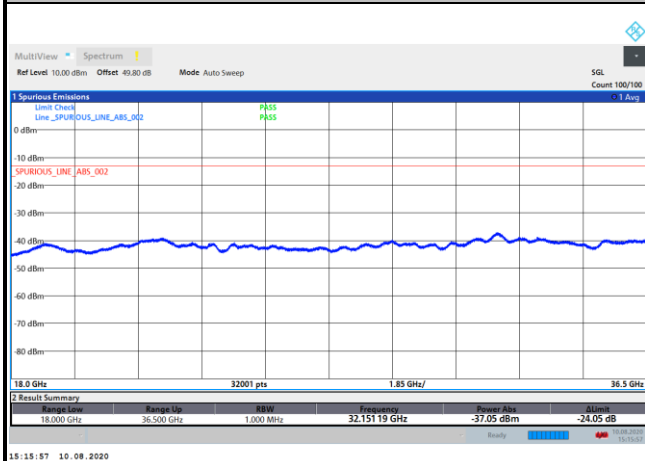
NR Band n260 QPSK (18-36.5GHz)

Lowest Channel / 200MHz



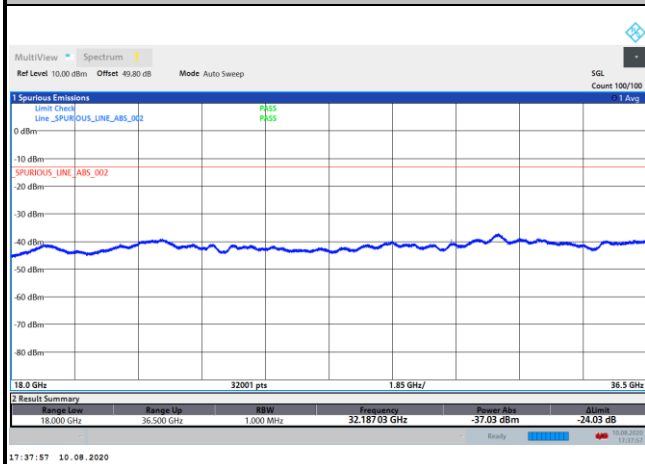
intentionally blank

Middle Channel / 200MHz

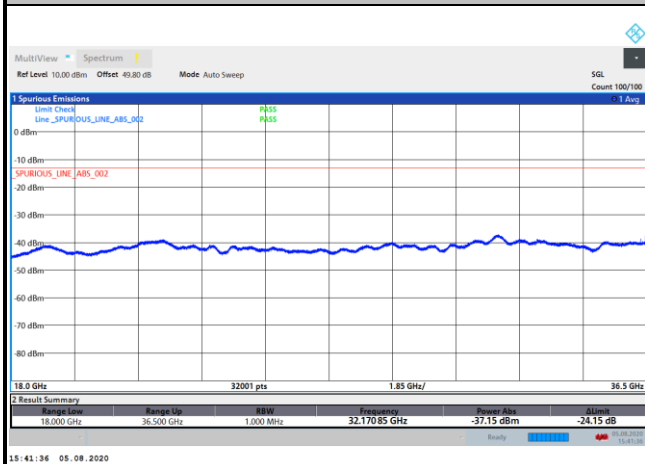


intentionally blank

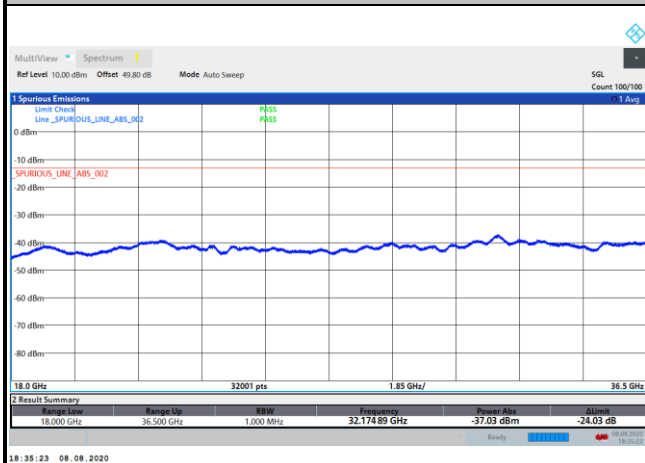
Highest Channel / 200MHz



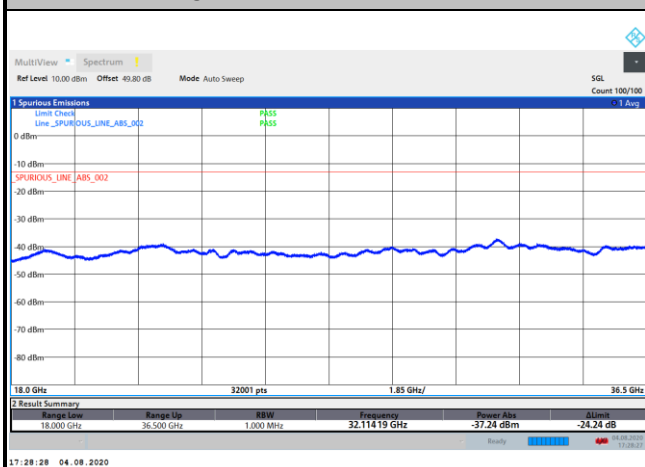
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**DFT-s-OFDM Module 1****NR Band n260 QPSK (18-36.5GHz)****Lowest Channel / 200MHz**

intentionally blank

Middle Channel / 200MHz

intentionally blank

Highest Channel / 200MHz

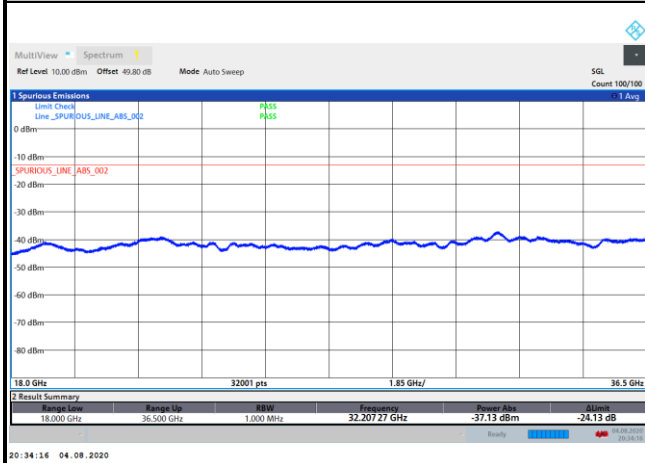
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CP-OFDM Module 0

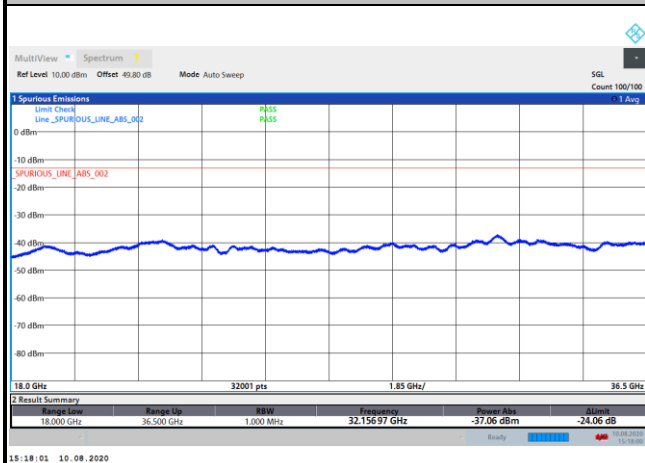
NR Band n260 QPSK (18-36.5GHz)

Lowest Channel / 200MHz



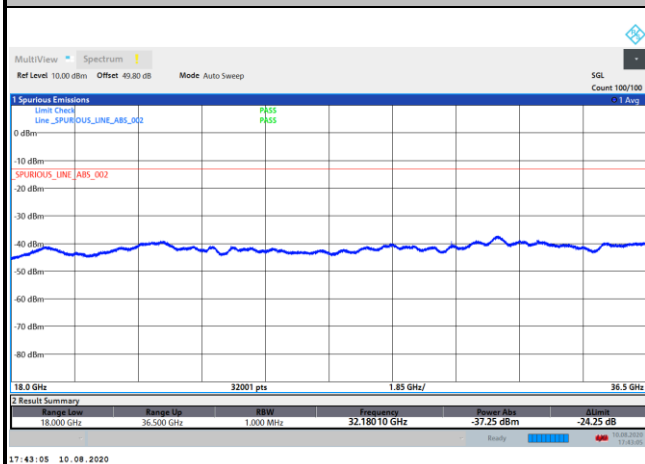
intentionally blank

Middle Channel / 200MHz



intentionally blank

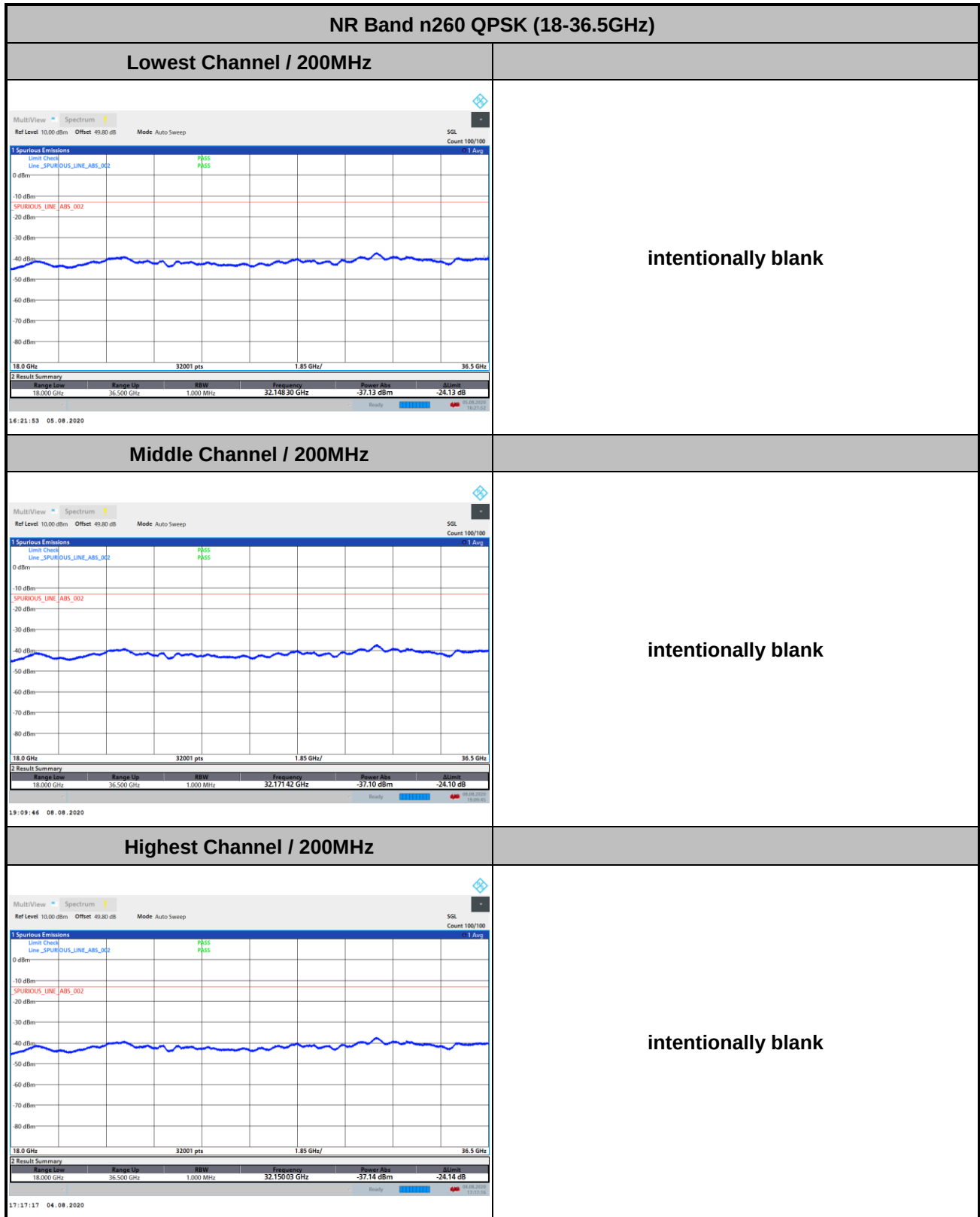
Highest Channel / 200MHz



intentionally blank

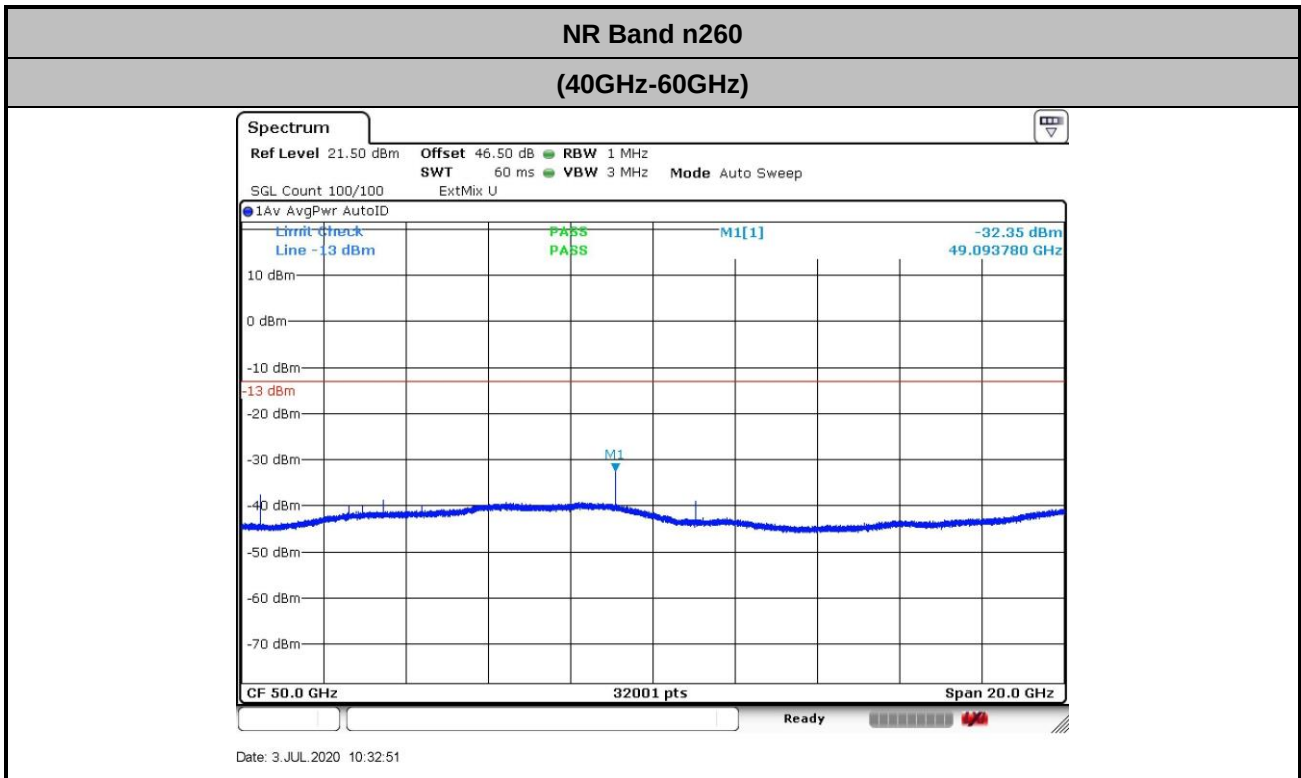


CP-OFDM Module 1

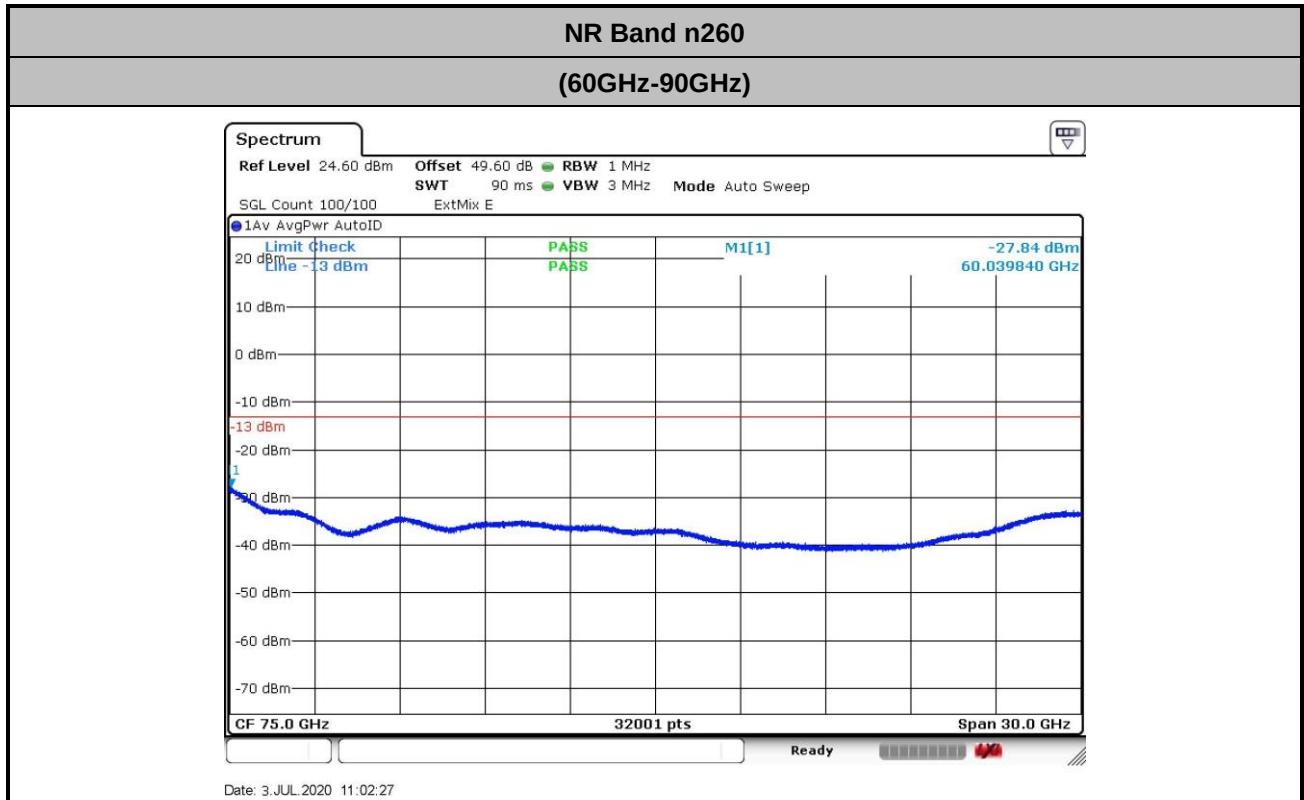




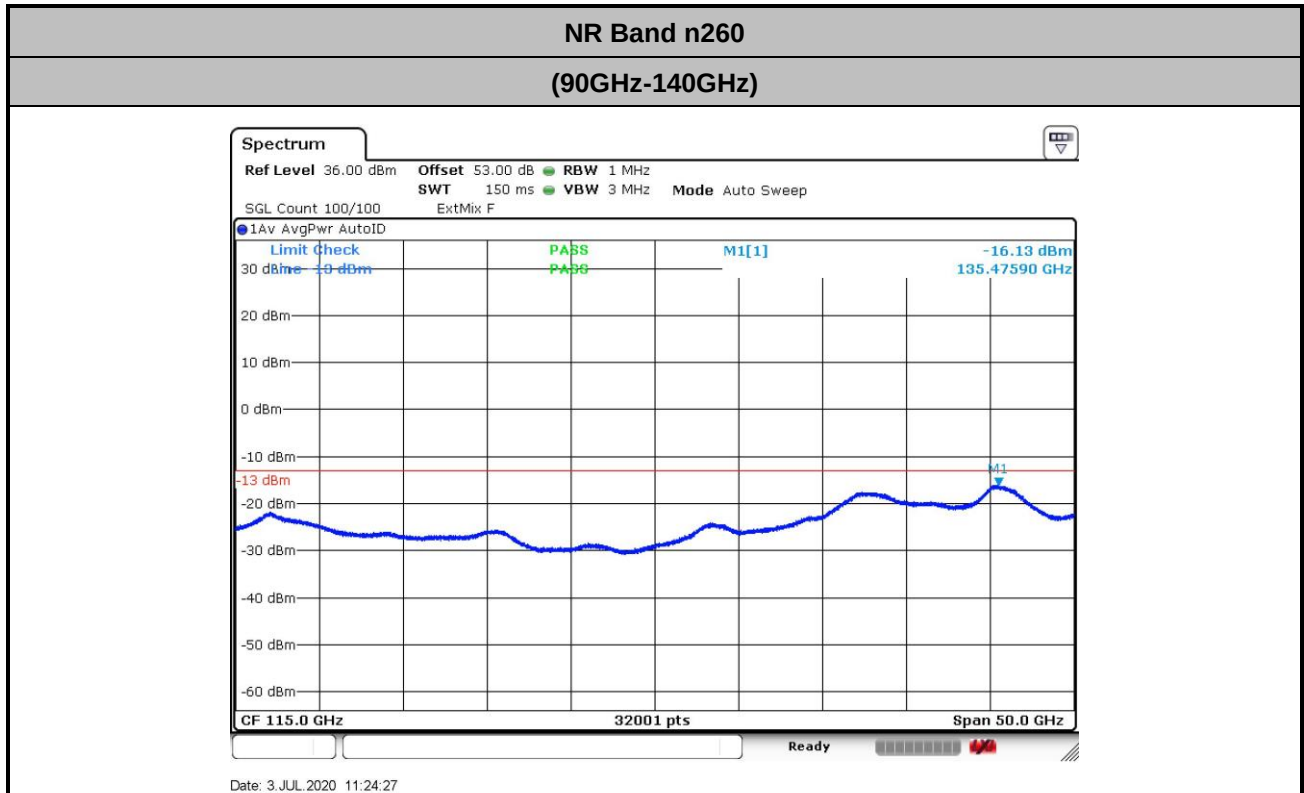
There is no significant spurious emission signal found for frequency started from 40GHz up to 200GHz.
Only the noise floor is reported.



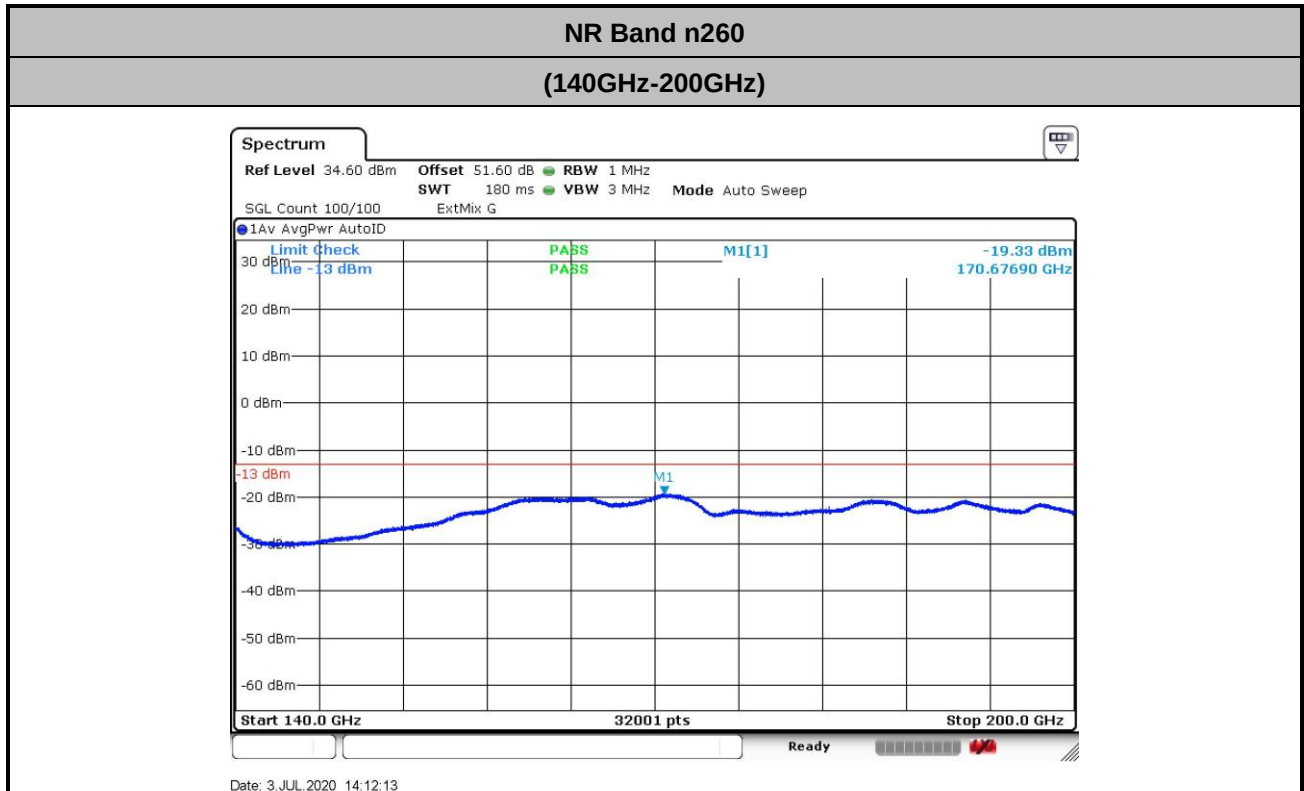
$$\begin{aligned}\text{Offset} &= \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 \\ &= 42.1 + 2.2 + 107 + 20\log(1) - 104.8 = 46.5 \text{ (dB)}\end{aligned}$$



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



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



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

Frequency Stability

Test Conditions		NR Band n260 / Middle Channel		Limit
Temperature (°C)	Voltage (Volt)	66RB0		Note 2.
		Deviation (kHz)	Deviation (ppm)	Result
50	Normal Voltage	1.21	0.03	PASS
40	Normal Voltage	1.17	0.03	
30	Normal Voltage	1.14	0.03	
20(Ref.)	Normal Voltage	0.00	0.00	
10	Normal Voltage	4.04	0.11	
0	Normal Voltage	0.05	0.00	
-10	Normal Voltage	3.00	0.08	
-20	Normal Voltage	0.52	0.01	
-30	Normal Voltage	3.14	0.08	
20	Maximum Voltage	3.87	0.10	
20	Normal Voltage	0.00	0.00	
20	Battery End Point	1.31	0.03	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =4.45 V. ; Maximum Voltage =3.4 V.
2. The frequency fundamental emissions stay within the operation band.
3. The test result at the next page provides confidence that the maximum frequency deviation will not lead to out of band operation during normal and extreme condition.

NR Band n261 AG0

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	45.18	45.36	45.28	90.20	90.60	90.80
Middle CH	45.34	45.52	45.10	90.88	90.84	90.72
Highest CH	45.14	45.20	45.16	90.60	90.36	90.48

Mode	DFT-s-OFDM Module 1 NR Band n261 : 99%OBW(MHz)					
BW	50MHz			100MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	45.38	45.14	44.98	90.68	90.72	90.28
Middle CH	45.46	45.32	45.10	90.64	90.76	90.28
Highest CH	45.16	45.44	45.32	90.48	90.64	90.64

Mode	CP-OFDM Module 0 NR Band n261 : 99%OBW(MHz)					
BW	50MHz			100MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	45.40	45.28	45.24	93.00	93.20	93.16
Middle CH	45.46	45.54	45.44	93.20	93.16	93.20
Highest CH	45.30	45.50	45.16	90.40	90.20	90.40

Mode	CP-OFDM Module 1 NR Band n261 : 99%OBW(MHz)					
BW	50MHz			100MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	45.16	45.28	45.30	93.08	93.04	93.00
Middle CH	45.36	45.46	45.42	93.08	92.92	92.96
Highest CH	45.26	45.50	45.34	92.88	92.72	92.92

Mode	DFT-s-OFDM Module 0 NR Band n261 : 99%OBW(MHz)		
BW	200MHz		
Mod.	QPSK	16QAM	64QAM
Lowest CH	187.84	185.84	186.24
Middle CH	188.88	188.48	186.00
Highest CH	186.48	183.04	184.48

Mode	DFT-s-OFDM Module 1 NR Band n261 : 99%OBW(MHz)		
BW	200MHz		
Mod.	QPSK	16QAM	64QAM
Lowest CH	187.44	184.56	185.68
Middle CH	189.04	188.64	186.40
Highest CH	186.56	188.00	184.16

Mode	CP-OFDM Module 0 NR Band n261 : 99%OBW(MHz)		
BW	200MHz		
Mod.	QPSK	16QAM	64QAM
Lowest CH	190.80	188.00	191.12
Middle CH	190.96	188.16	190.72
Highest CH	189.92	185.76	189.36

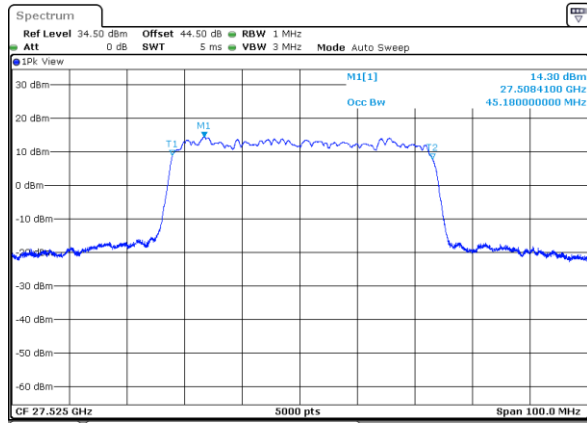
Mode	CP-OFDM Module 1 NR Band n261 : 99%OBW(MHz)		
BW	200MHz		
Mod.	QPSK	16QAM	64QAM
Lowest CH	190.24	186.96	189.68
Middle CH	190.96	187.92	190.48
Highest CH	189.60	185.12	188.88



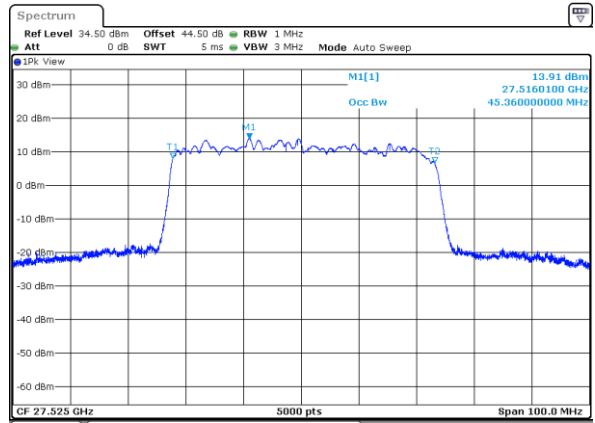
DFT-s-OFDM Module 0

NR Band n261

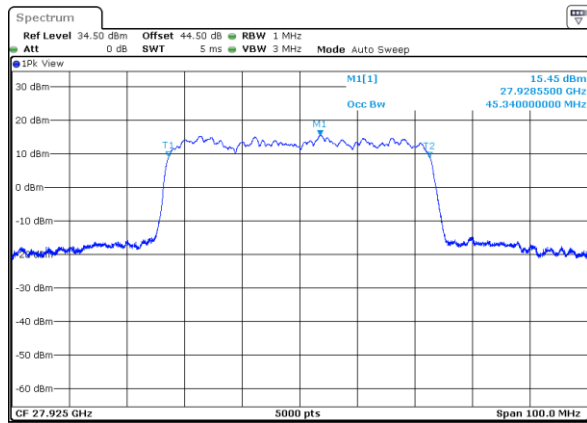
Lowest Channel / 50MHz / QPSK



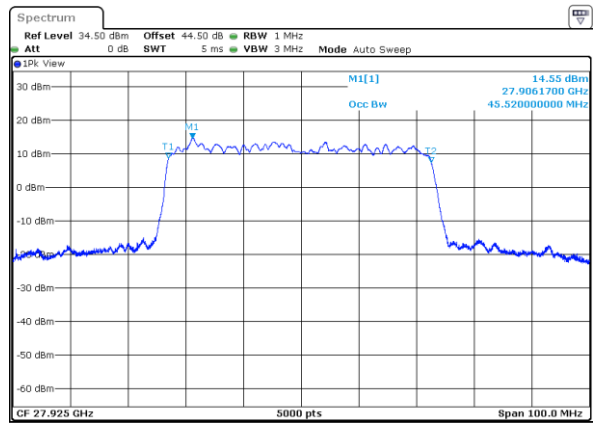
Lowest Channel / 50MHz / 16QAM



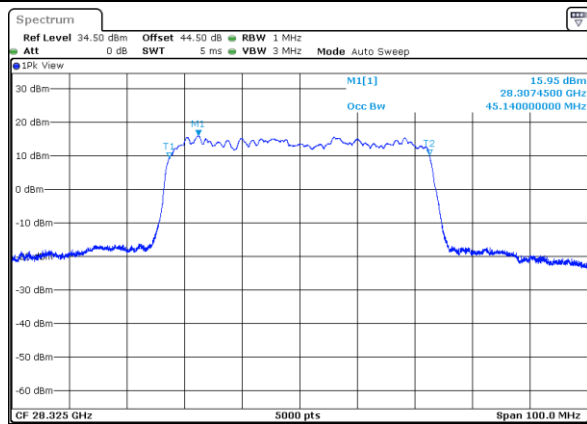
Middle Channel / 50MHz / QPSK



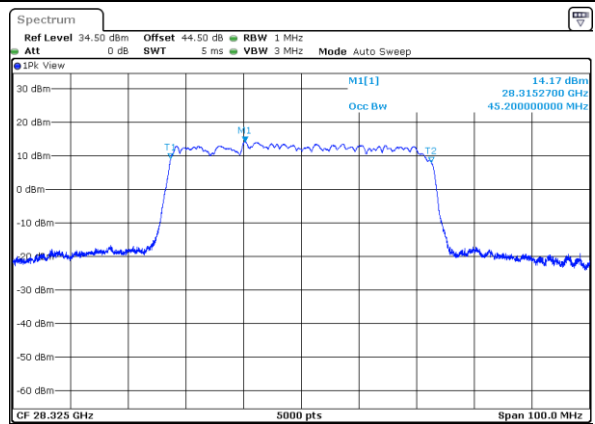
Middle Channel / 50MHz / 16QAM



Highest Channel / 50MHz / QPSK



Highest Channel / 50MHz / 16QAM

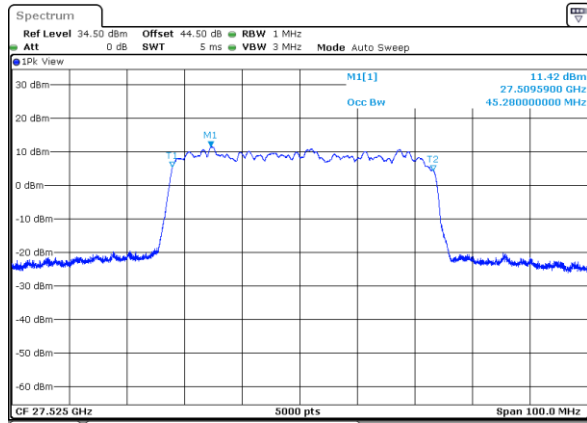




DFT-s-OFDM Module 0

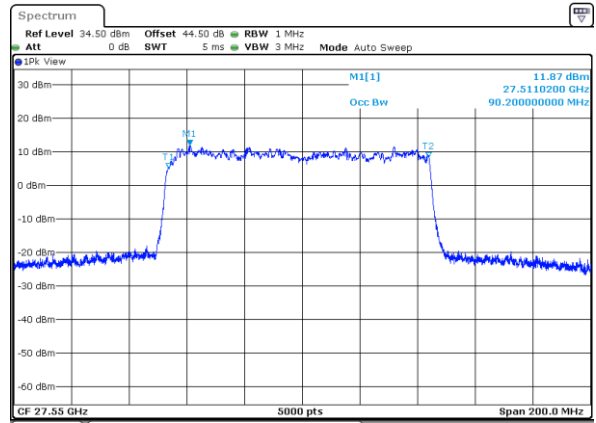
NR Band n261

Lowest Channel / 50MHz / 64QAM



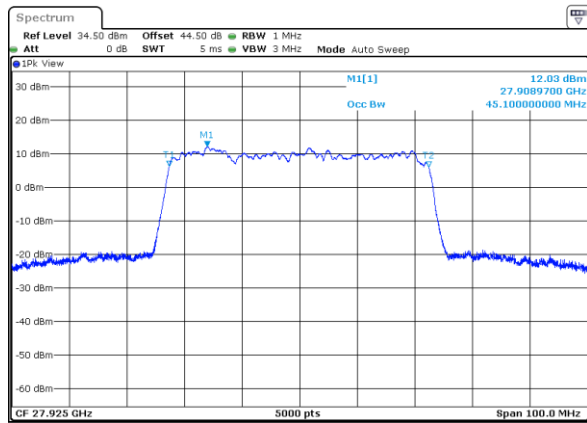
Date: 20 JUN 2020 14:28:03

Lowest Channel / 100MHz / QPSK



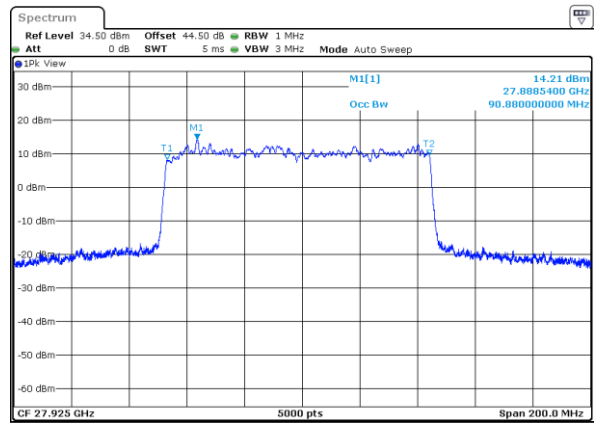
Date: 20 JUN 2020 16:13:15

Middle Channel / 50MHz / 64QAM



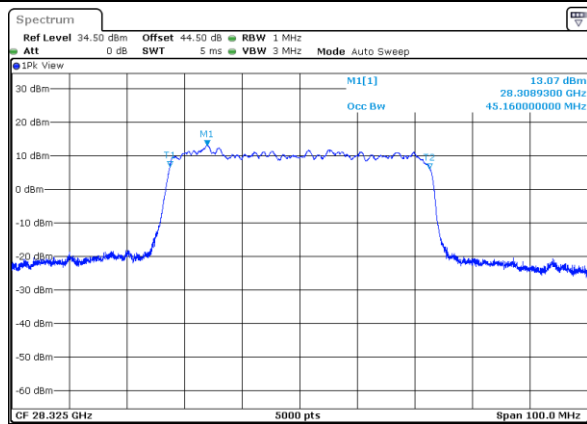
Date: 20 JUN 2020 17:32:52

Middle Channel / 100MHz / QPSK



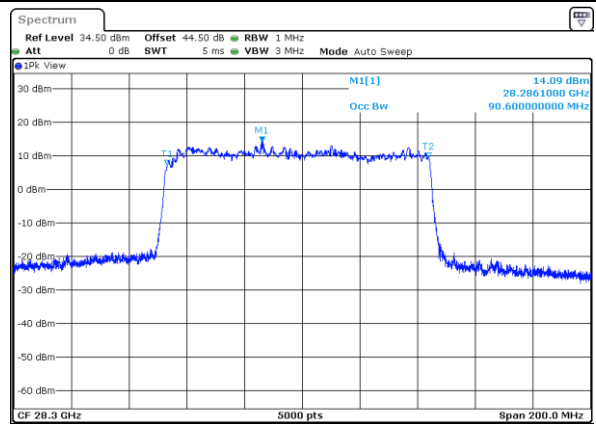
Date: 20 JUN 2020 18:24:04

Highest Channel / 50MHz / 64QAM



Date: 22 JUN 2020 09:53:26

Highest Channel / 100MHz / QPSK



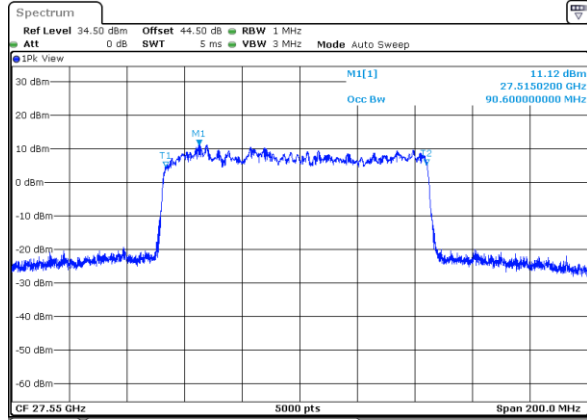
Date: 22 JUN 2020 13:49:45



DFT-s-OFDM Module 0

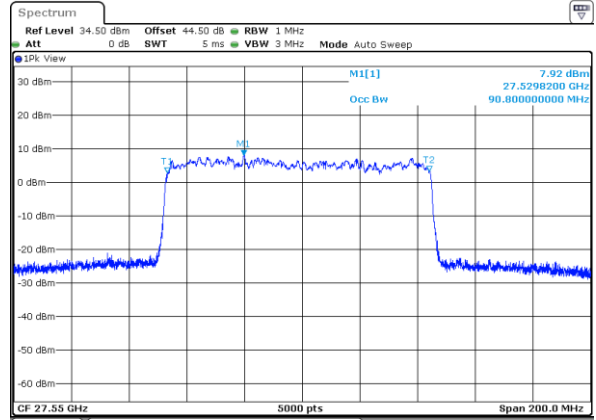
NR Band n261

Lowest Channel / 100MHz / 16QAM



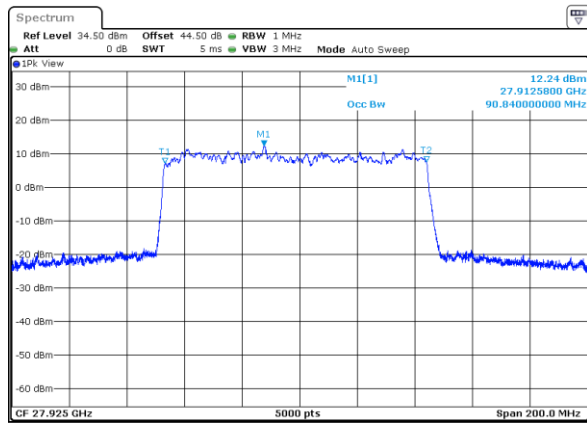
Date: 20 JUN 2020 16:18:32

Lowest Channel / 100MHz / 64QAM



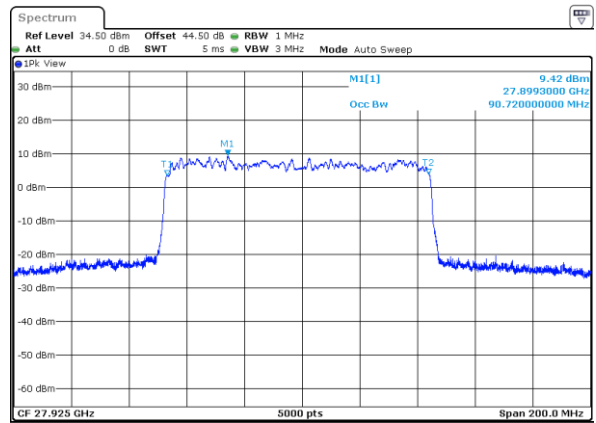
Date: 20 JUN 2020 16:22:00

Middle Channel / 100MHz / 16QAM



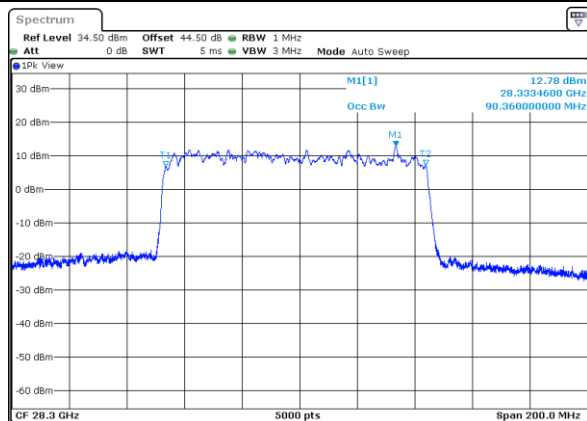
Date: 20 JUN 2020 16:25:39

Middle Channel / 100MHz / 64QAM



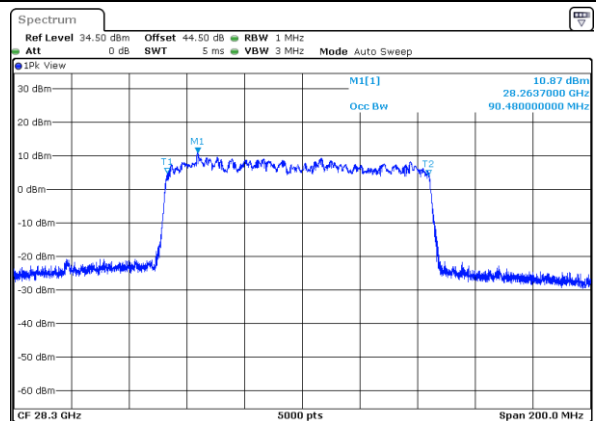
Date: 20 JUN 2020 16:27:31

Highest Channel / 100MHz / 16QAM



Date: 22 JUN 2020 13:52:36

Highest Channel / 100MHz / 64QAM



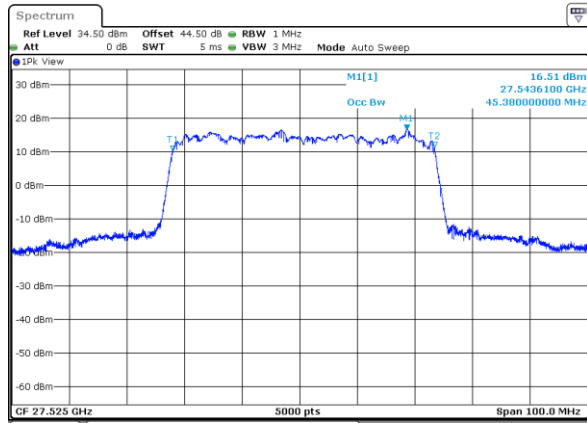
Date: 22 JUN 2020 13:53:56



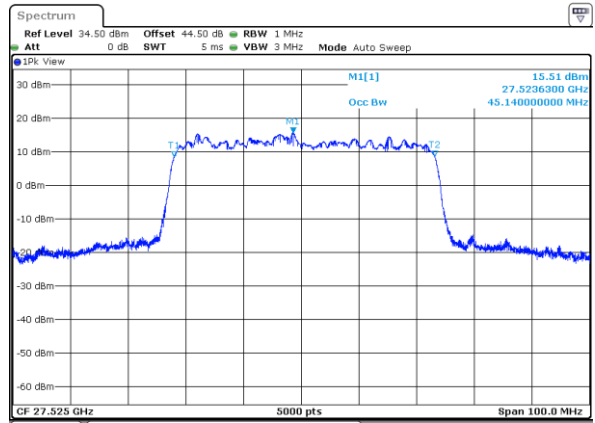
DFT-s-OFDM Module 1

NR Band n261

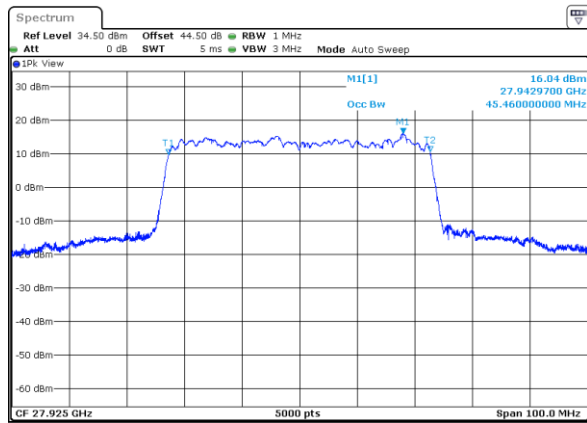
Lowest Channel / 50MHz / QPSK



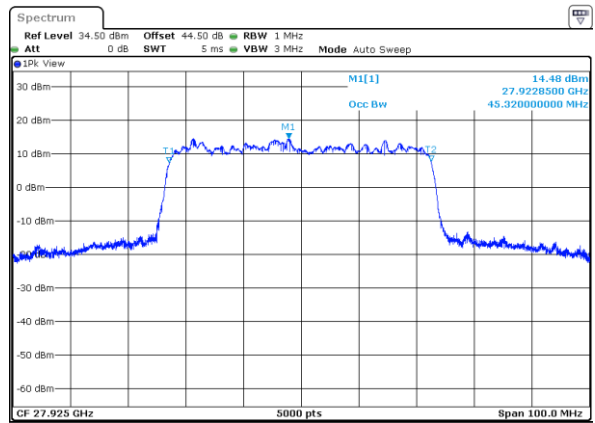
Lowest Channel / 50MHz / 16QAM



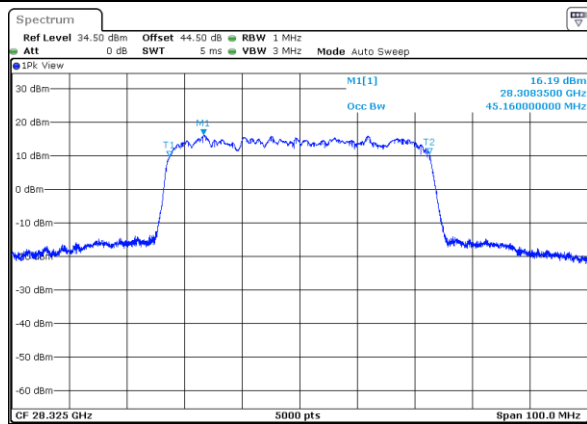
Middle Channel / 50MHz / QPSK



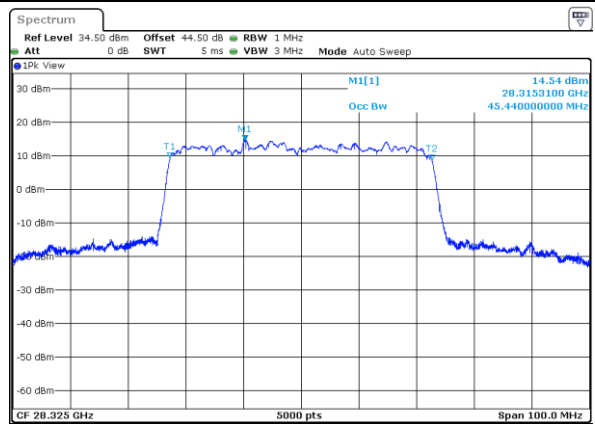
Middle Channel / 50MHz / 16QAM



Highest Channel / 50MHz / QPSK



Highest Channel / 50MHz / 16QAM

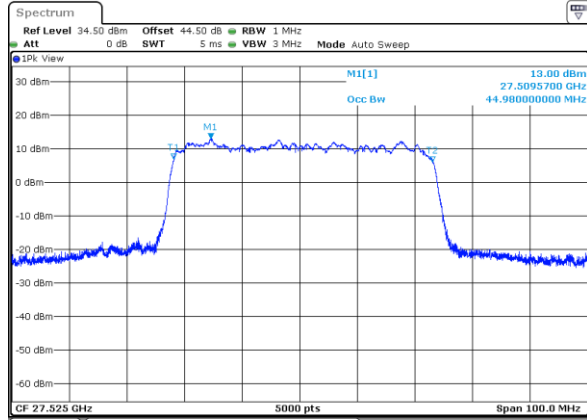




DFT-s-OFDM Module 1

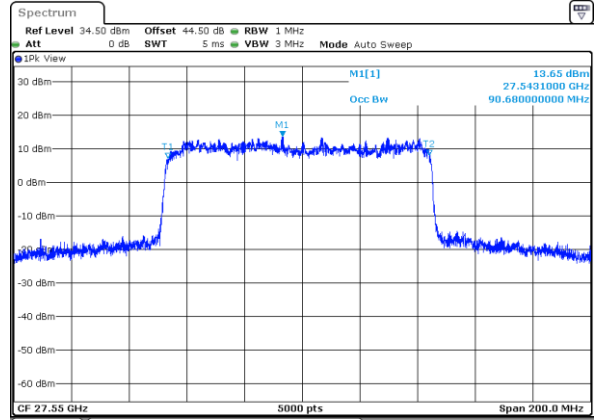
NR Band n261

Lowest Channel / 50MHz / 64QAM



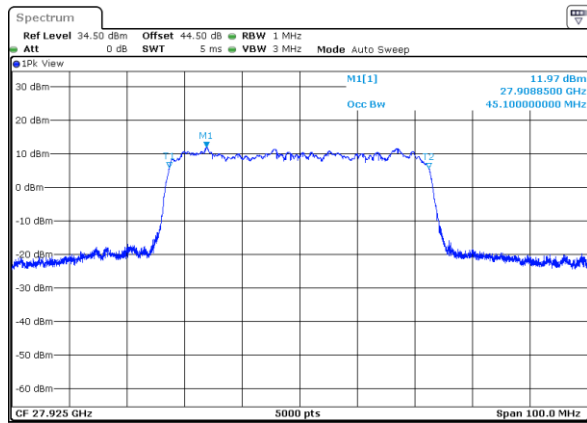
Date: 27 JUN 2020 10:02:10

Lowest Channel / 100MHz / QPSK



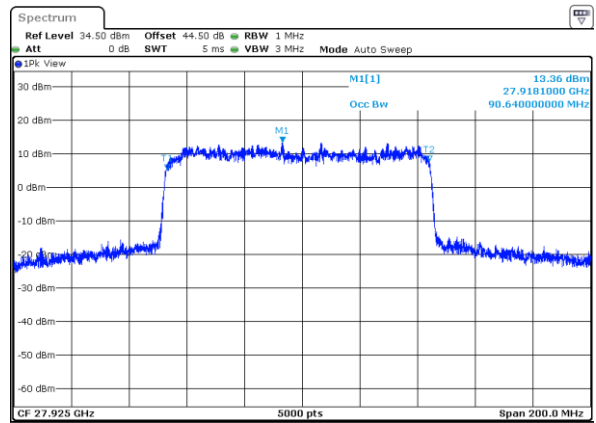
Date: 27 JUN 2020 13:25:10

Middle Channel / 50MHz / 64QAM



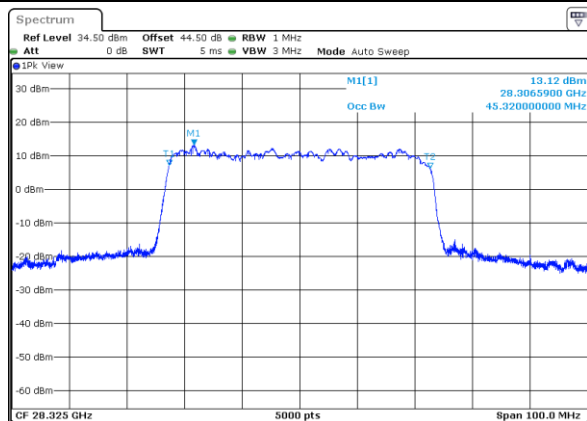
Date: 27 JUN 2020 15:02:50

Middle Channel / 100MHz / QPSK



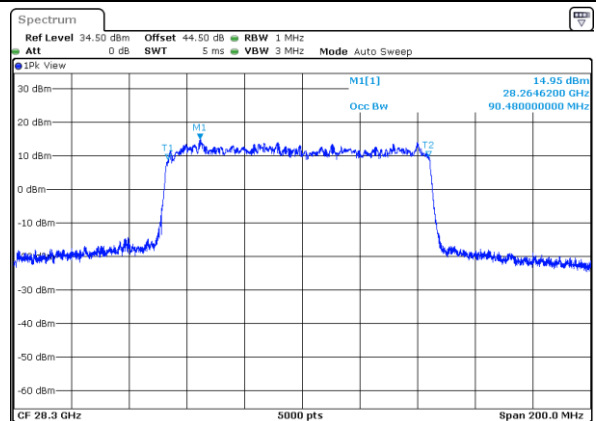
Date: 27 JUN 2020 15:26:44

Highest Channel / 50MHz / 64QAM



Date: 27 JUN 2020 16:45:59

Highest Channel / 100MHz / QPSK



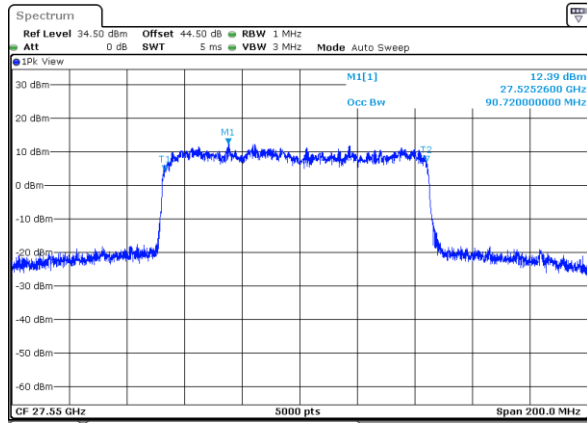
Date: 27 JUN 2020 17:37:33



DFT-s-OFDM Module 1

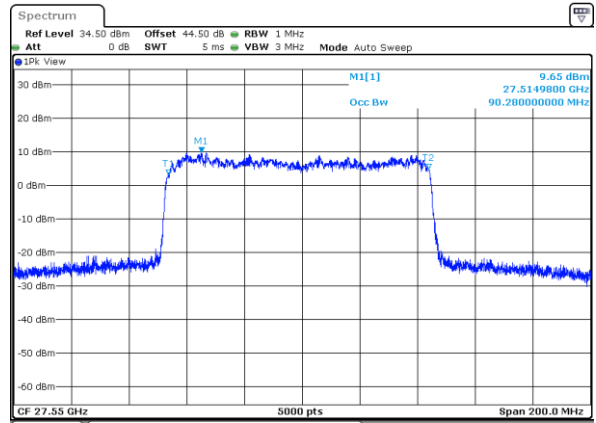
NR Band n261

Lowest Channel / 100MHz / 16QAM



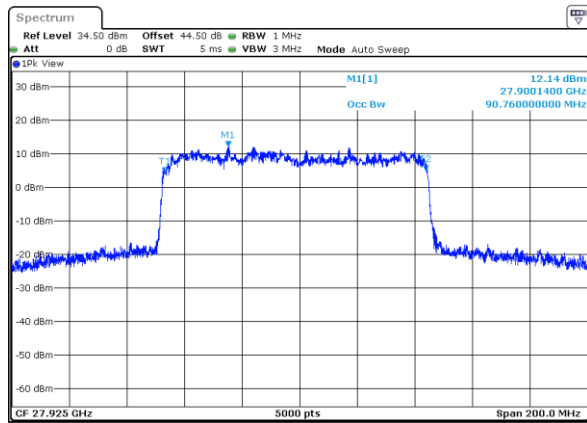
Date: 27 JUN 2020 13:23:27

Lowest Channel / 100MHz / 64QAM



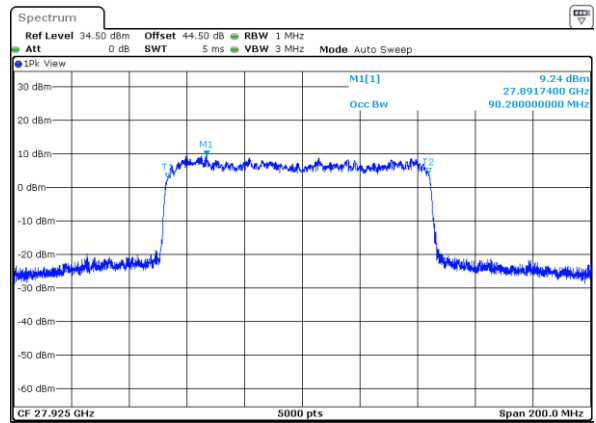
Date: 27 JUN 2020 13:18:04

Middle Channel / 100MHz / 16QAM



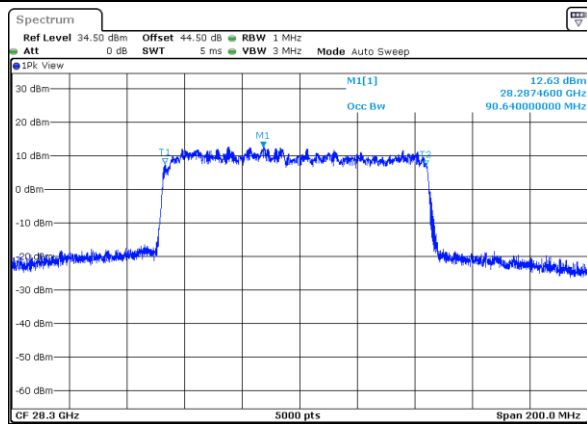
Date: 27 JUN 2020 15:28:01

Middle Channel / 100MHz / 64QAM



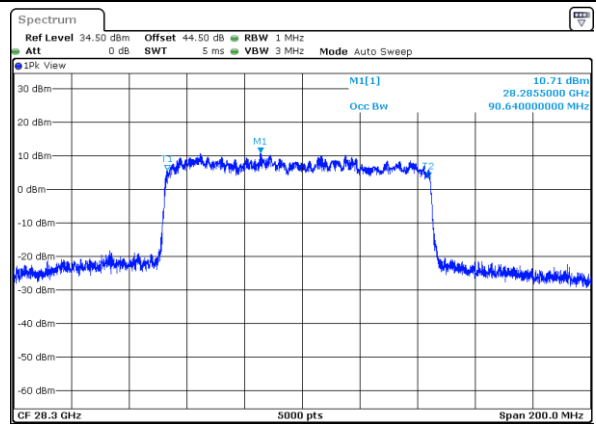
Date: 27 JUN 2020 15:27:09

Highest Channel / 100MHz / 16QAM



Date: 27 JUN 2020 17:36:10

Highest Channel / 100MHz / 64QAM



Date: 27 JUN 2020 17:34:52