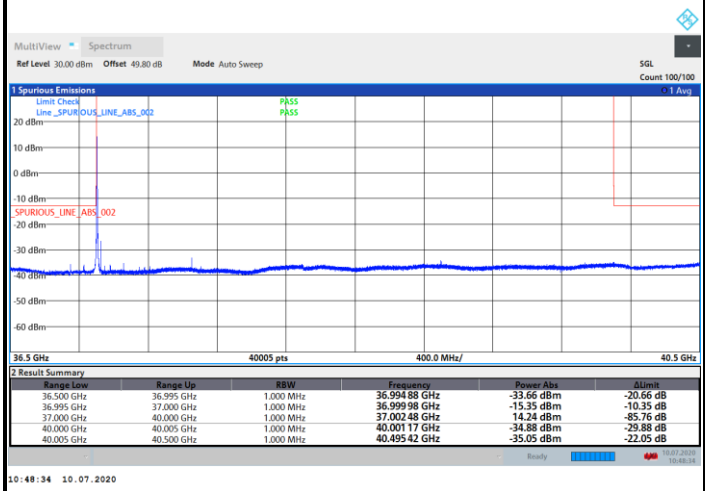
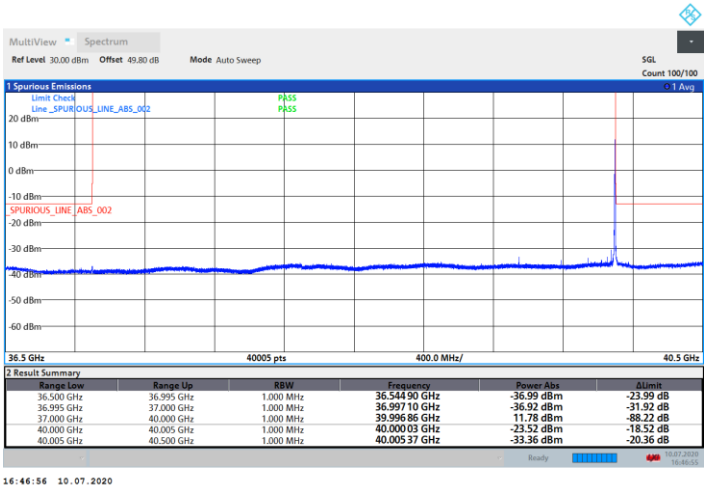
CP-OFDM Module 0

NR Band n260 / 50MHz / QPSK

Lowest Band Edge / 1 RB

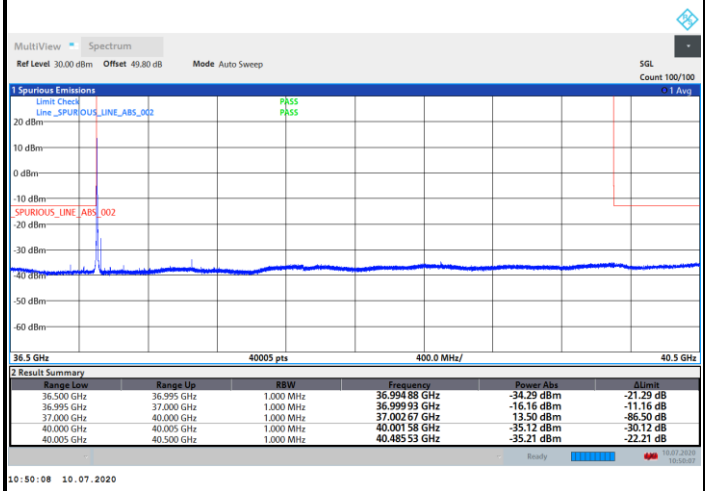


Highest Band Edge / 1 RB

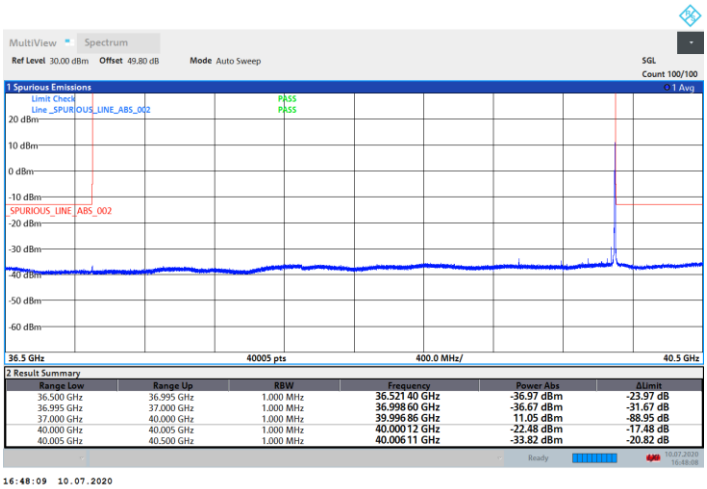


NR Band n260 / 50MHz / 16QAM

Lowest Band Edge / 1 RB



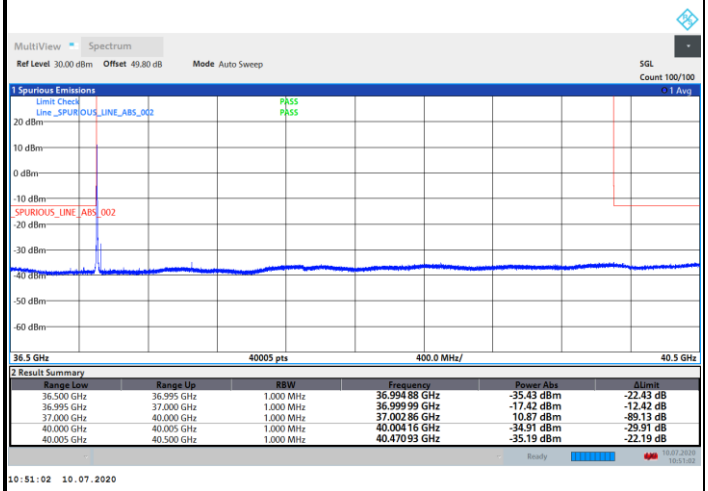
Highest Band Edge / 1 RB



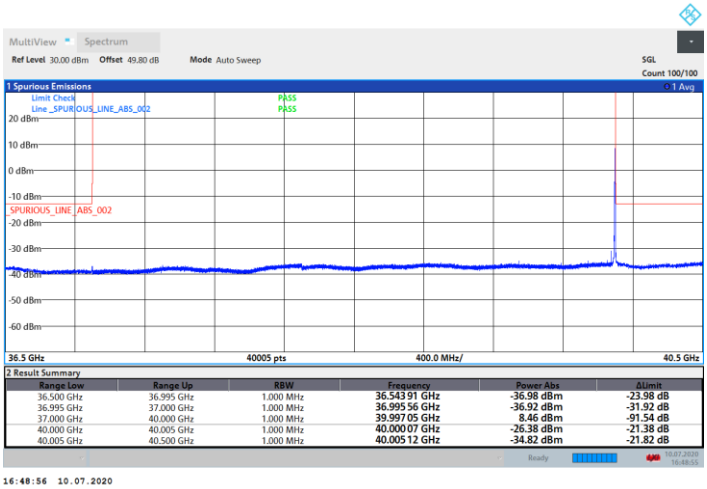
CP-OFDM Module 0

NR Band n260 / 50MHz / 64QAM

Lowest Band Edge / 1 RB

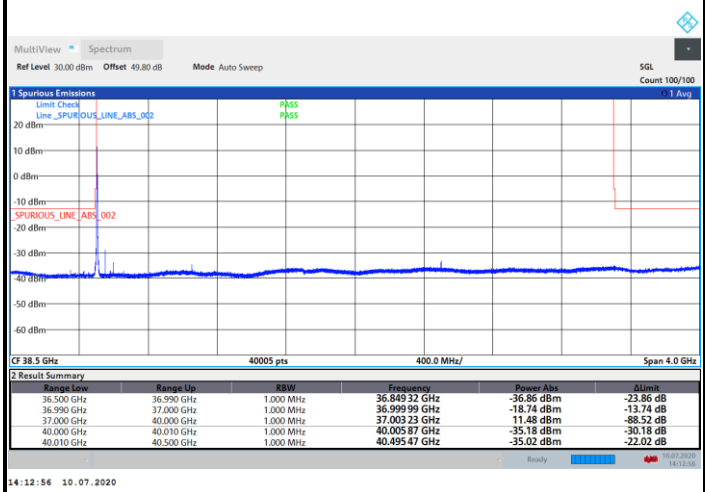


Highest Band Edge / 1 RB

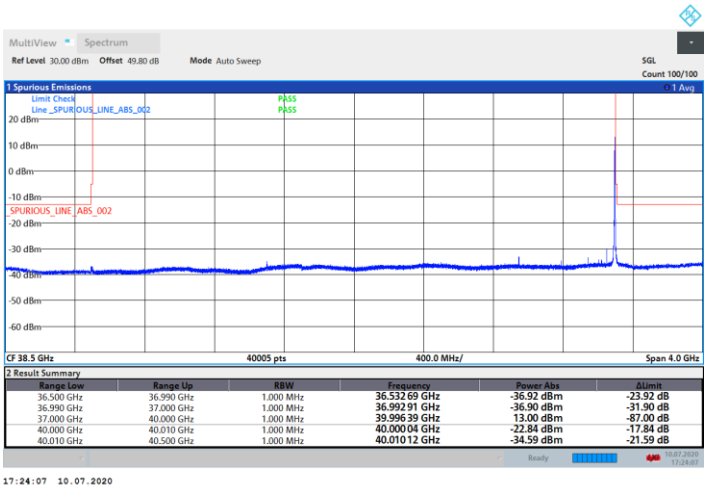


NR Band n260 / 100MHz / QPSK

Lowest Band Edge / 1 RB



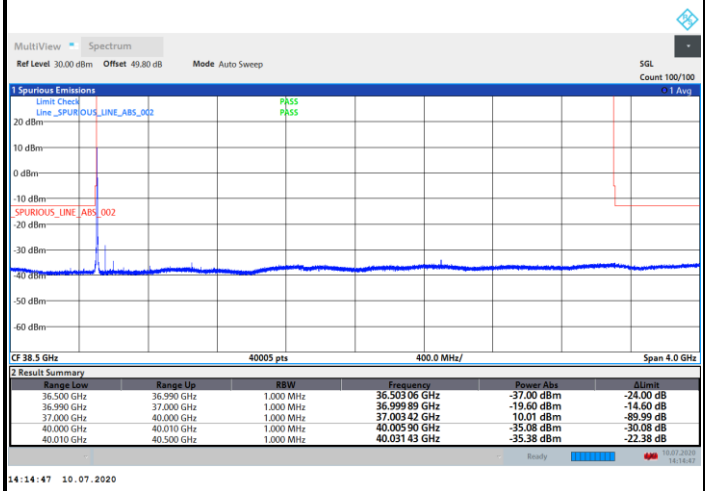
Highest Band Edge / 1 RB



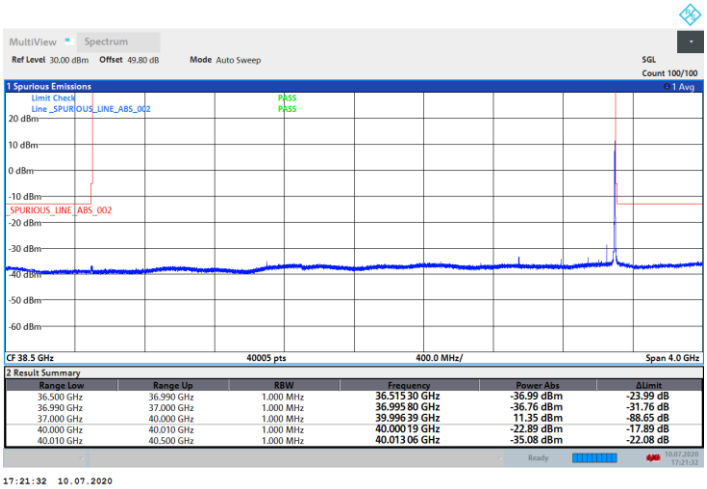
CP-OFDM Module 0

NR Band n260 / 100MHz / 16QAM

Lowest Band Edge / 1 RB

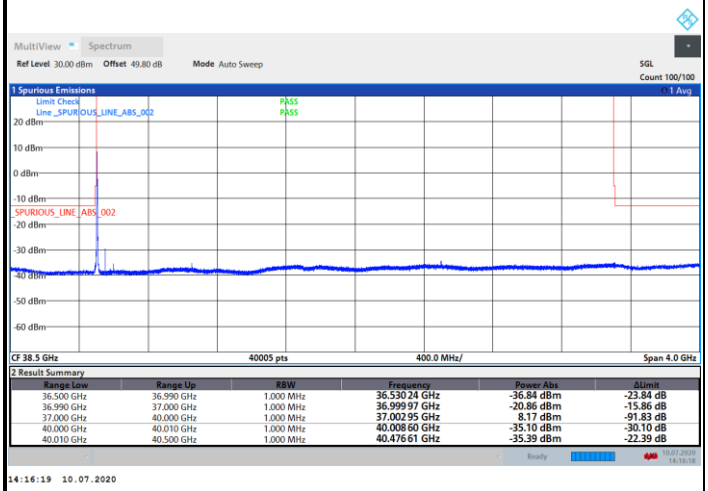


Highest Band Edge / 1 RB

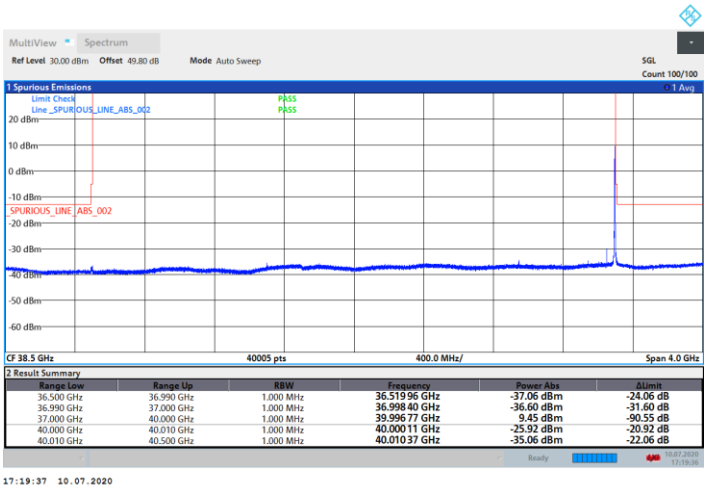


NR Band n260 / 100MHz / 64QAM

Lowest Band Edge / 1 RB



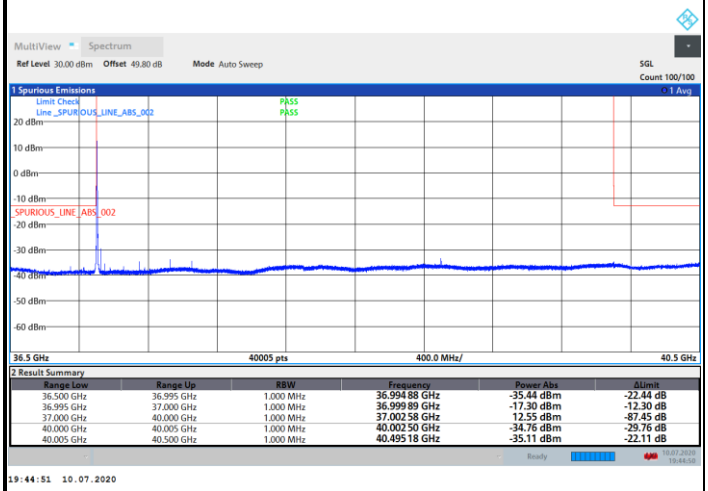
Highest Band Edge / 1 RB



CP-OFDM Module 1

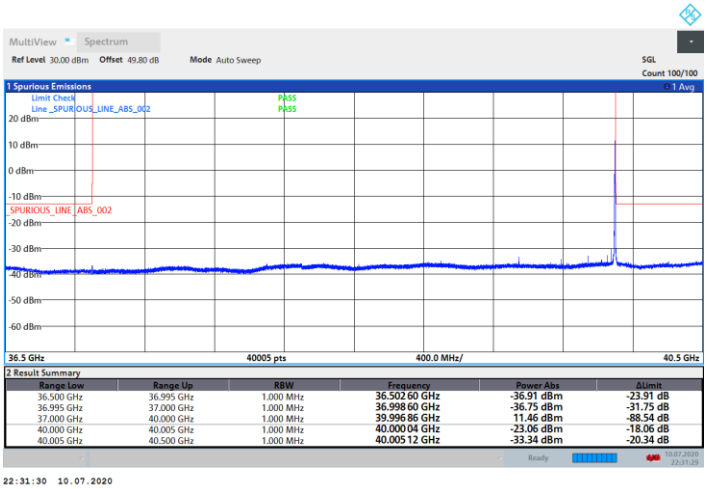
NR Band n260 / 50MHz / QPSK

Lowest Band Edge / 1 RB



19:44:51 10.07.2020

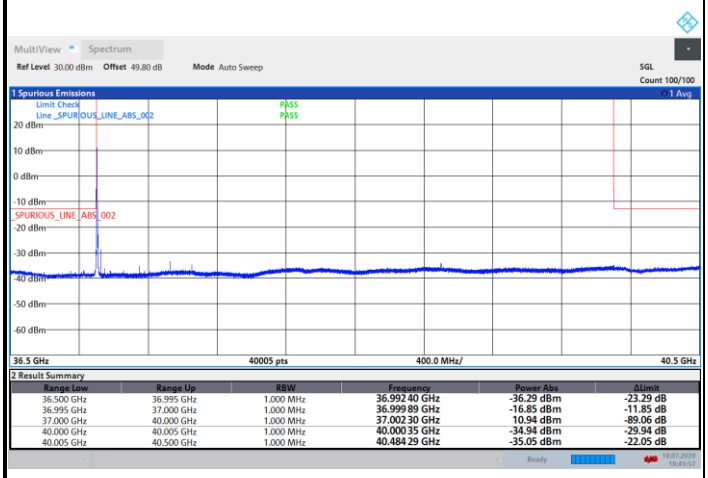
Highest Band Edge / 1 RB



22:31:30 10.07.2020

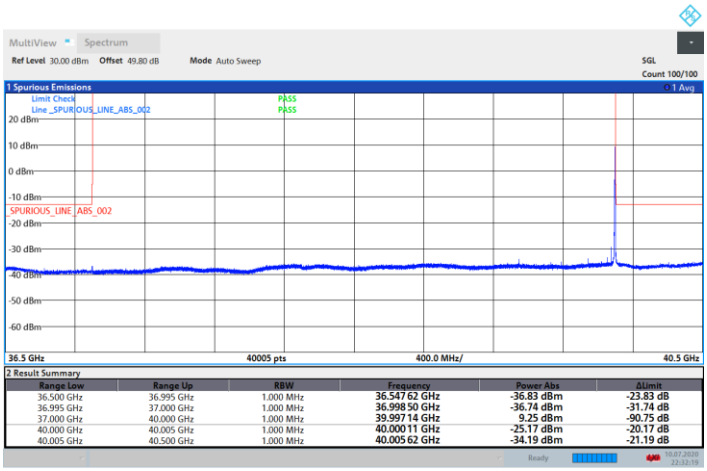
NR Band n260 / 50MHz / 16QAM

Lowest Band Edge / 1 RB



19:43:58 10.07.2020

Highest Band Edge / 1 RB

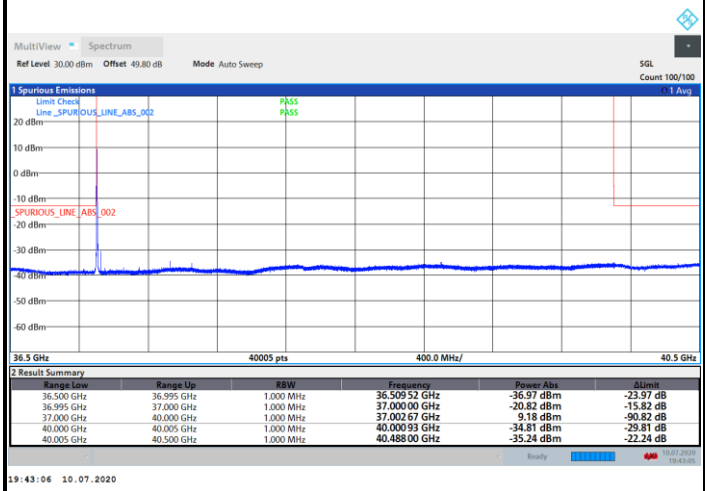


22:32:20 10.07.2020

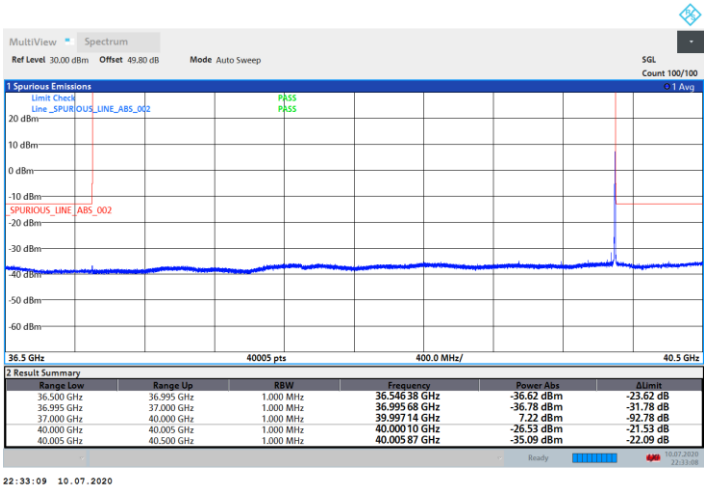
CP-OFDM Module 1

NR Band n260 / 50MHz / 64QAM

Lowest Band Edge / 1 RB

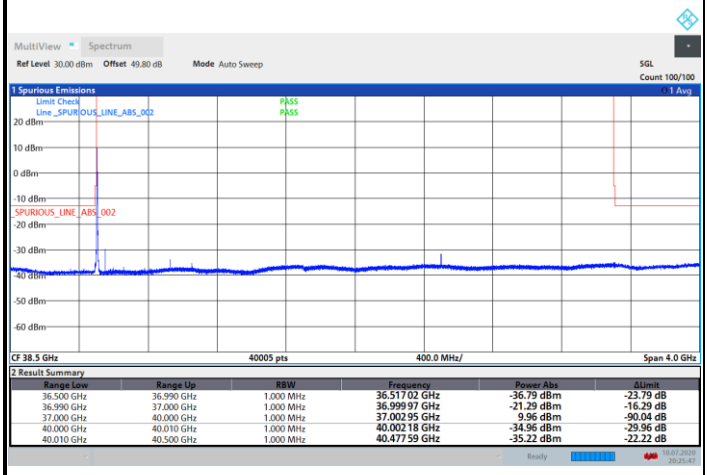


Highest Band Edge / 1 RB

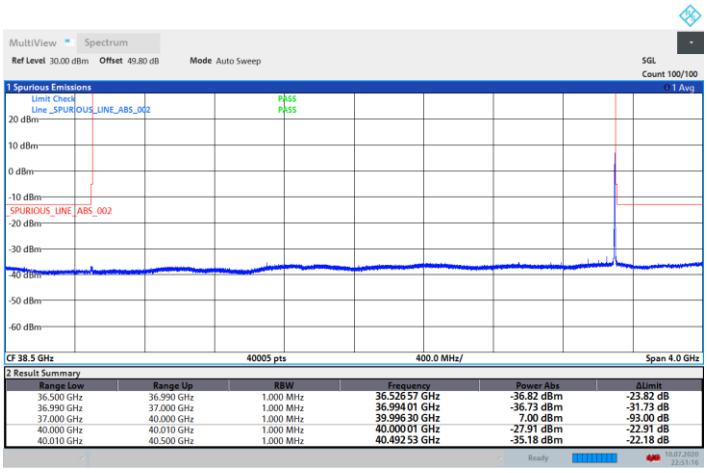


NR Band n260 / 100MHz / QPSK

Lowest Band Edge / 1 RB



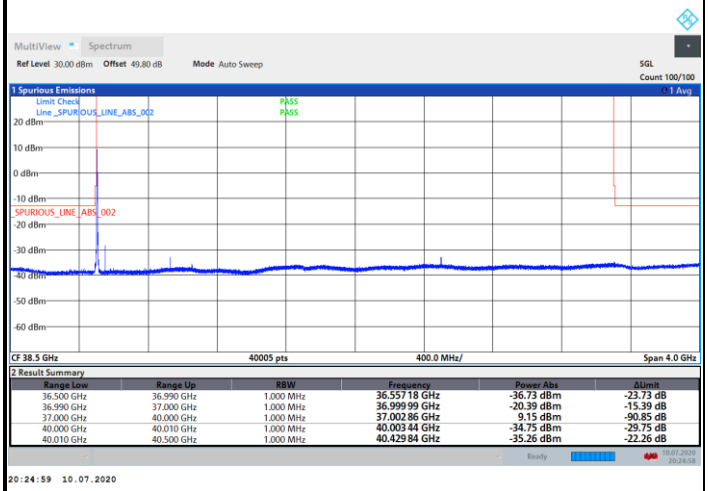
Highest Band Edge / 1 RB



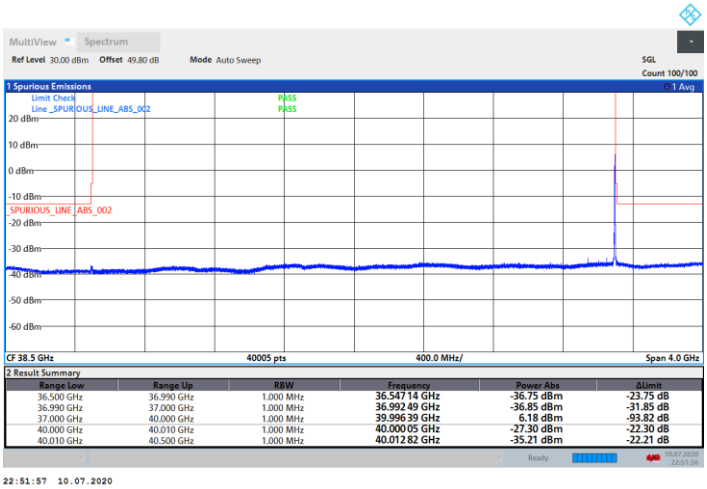
CP-OFDM Module 1

NR Band n260 / 100MHz / 16QAM

Lowest Band Edge / 1 RB

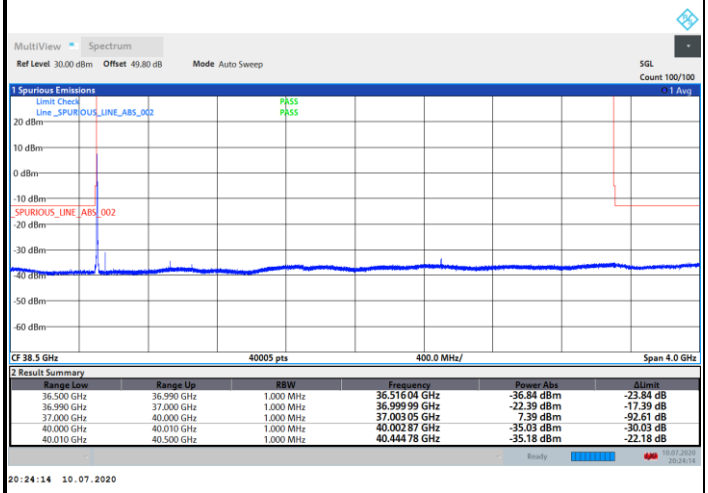


Highest Band Edge / 1 RB

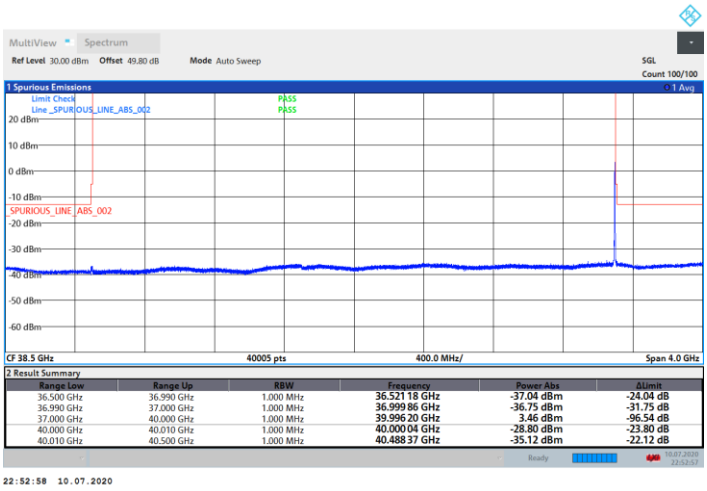


NR Band n260 / 100MHz / 64QAM

Lowest Band Edge / 1 RB



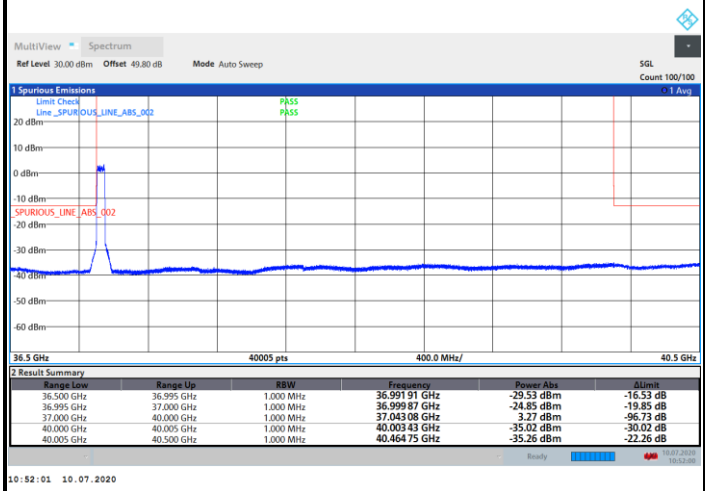
Highest Band Edge / 1 RB



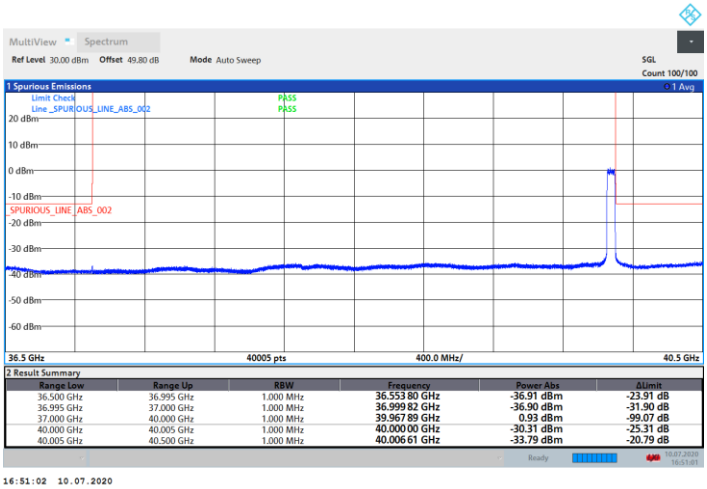
CP-OFDM Module 0

NR Band n260 / 50MHz / QPSK

Lowest Band Edge / Full RB

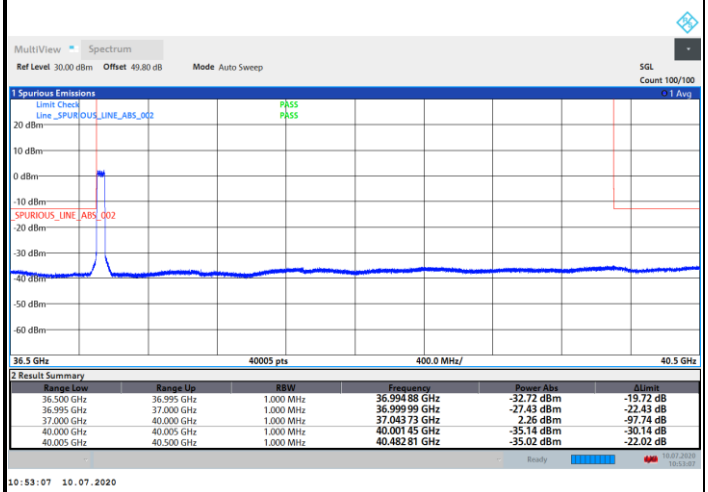


Highest Band Edge / Full RB

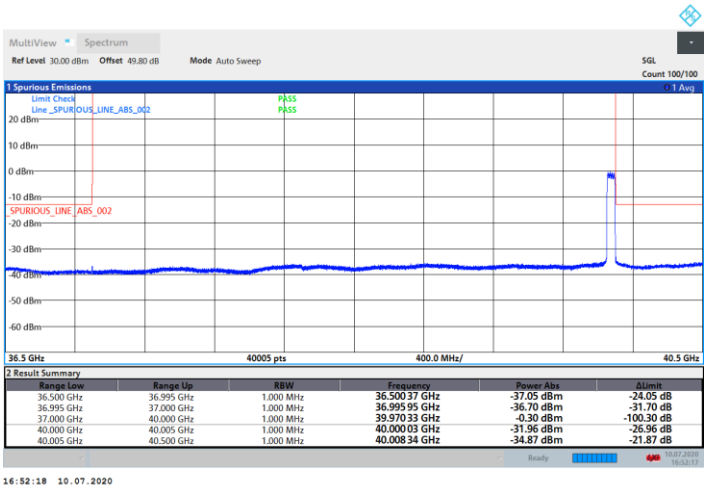


NR Band n260 / 50MHz / 16QAM

Lowest Band Edge / Full RB



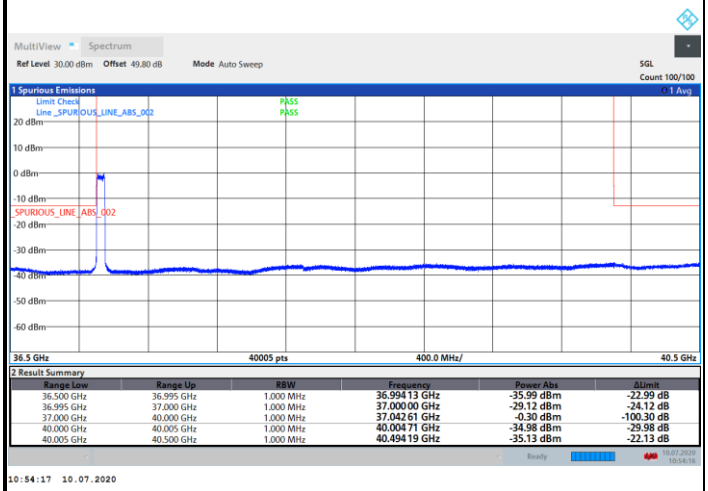
Highest Band Edge / Full RB



CP-OFDM Module 0

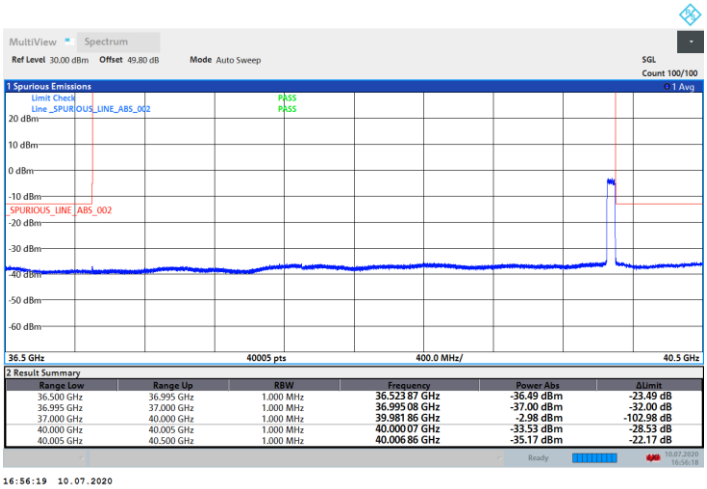
NR Band n260 / 50MHz / 64QAM

Lowest Band Edge / Full RB



10:54:17 10.07.2020

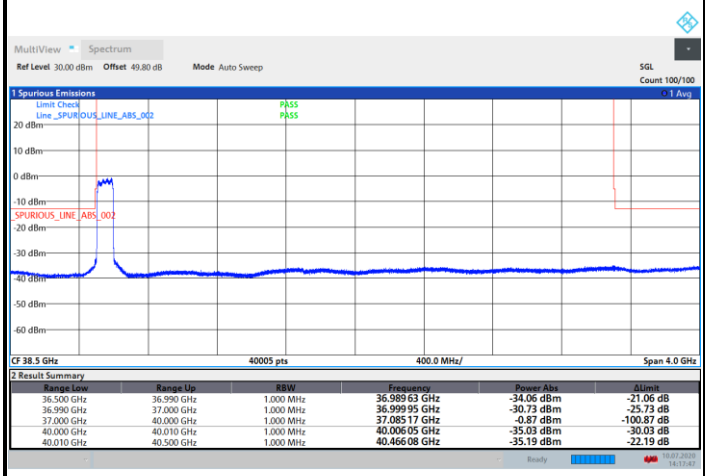
Highest Band Edge / Full RB



16:56:19 10.07.2020

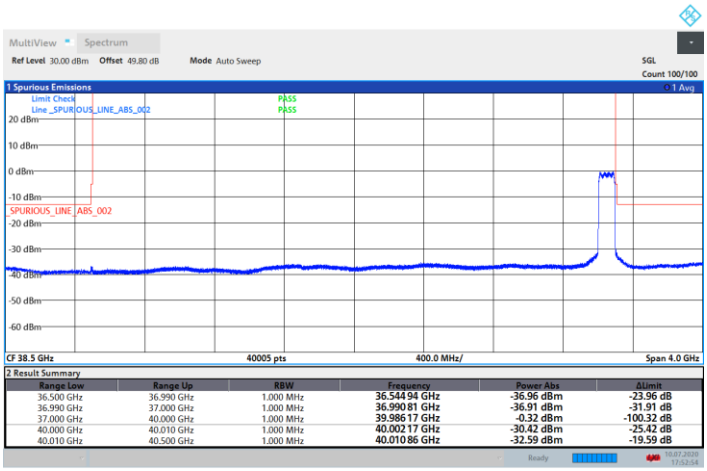
NR Band n260 / 100MHz / QPSK

Lowest Band Edge / Full RB



14:17:48 10.07.2020

Highest Band Edge / Full RB

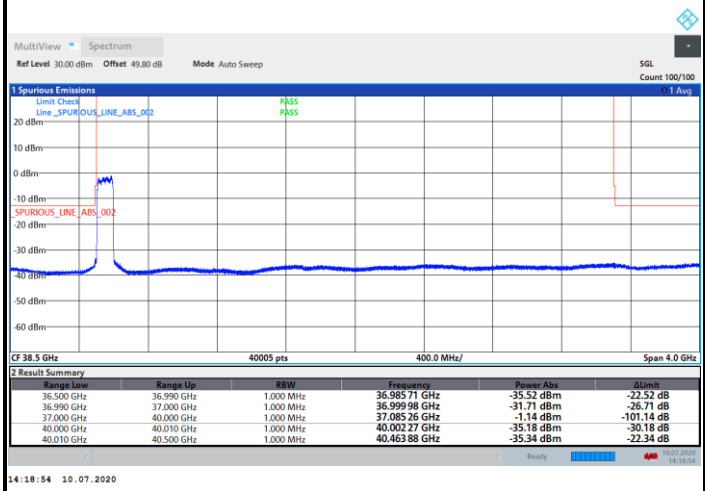


17:52:55 10.07.2020

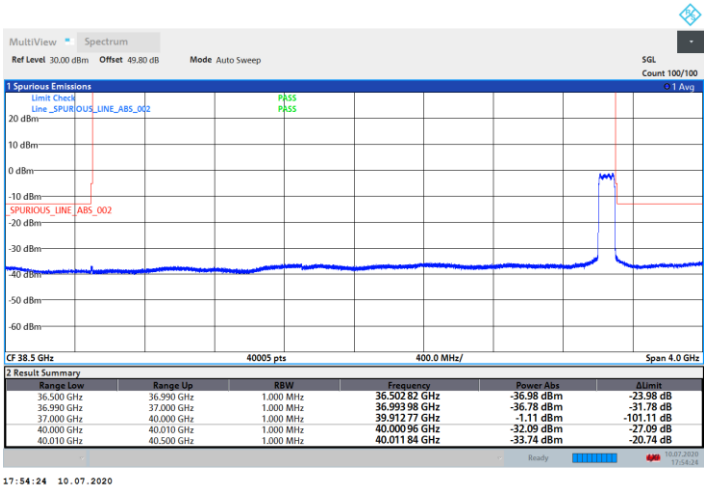
CP-OFDM Module 0

NR Band n260 / 100MHz / 16QAM

Lowest Band Edge / Full RB

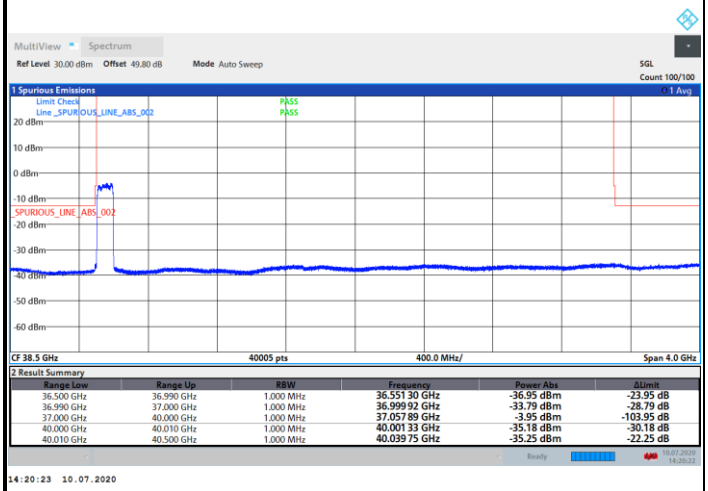


Highest Band Edge / Full RB

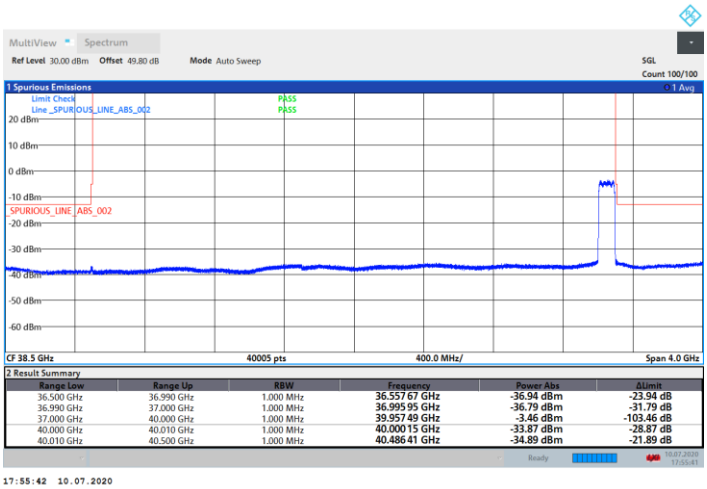


NR Band n260 / 100MHz / 64QAM

Lowest Band Edge / Full RB



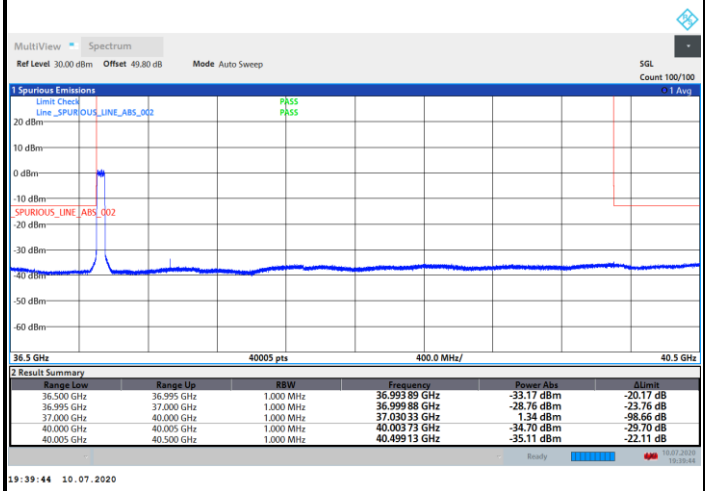
Highest Band Edge / Full RB



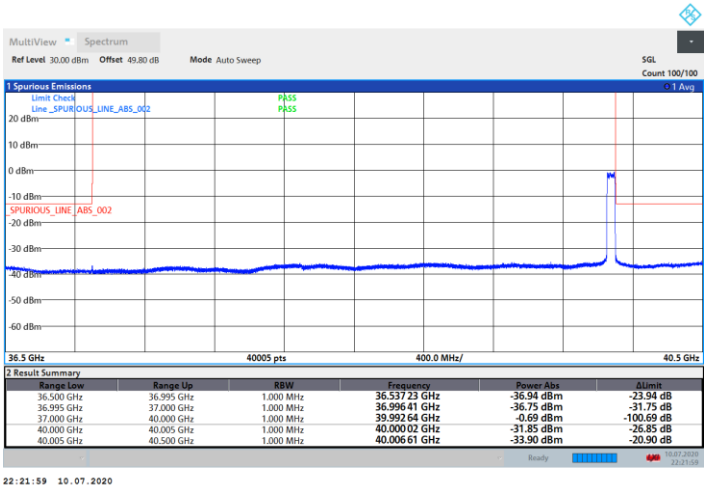
CP-OFDM Module 1

NR Band n260 / 50MHz / QPSK

Lowest Band Edge / Full RB

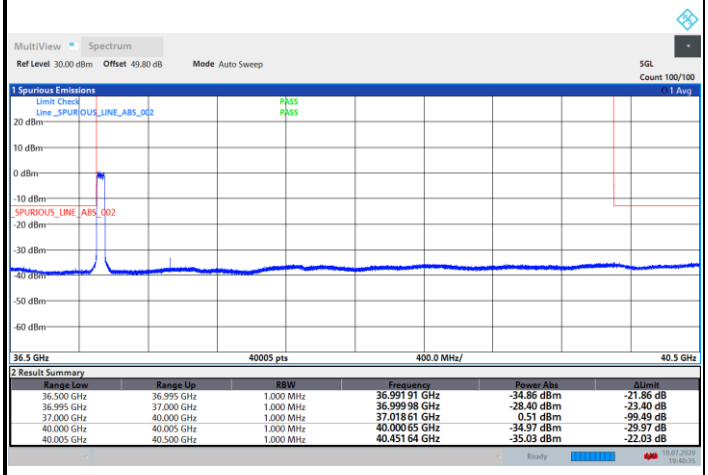


Highest Band Edge / Full RB

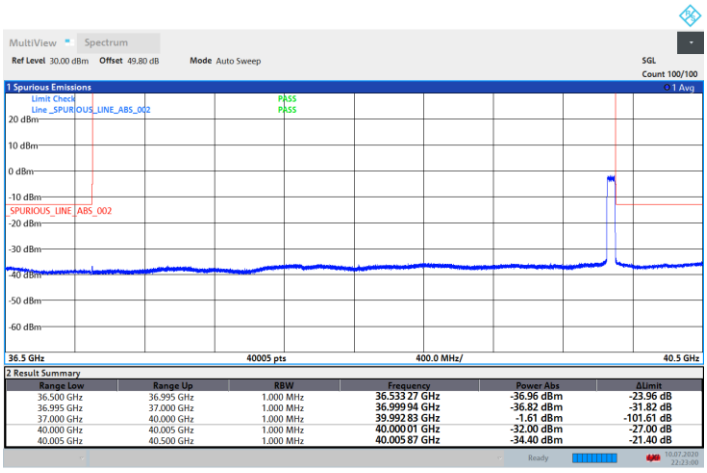


NR Band n260 / 50MHz / 16QAM

Lowest Band Edge / Full RB



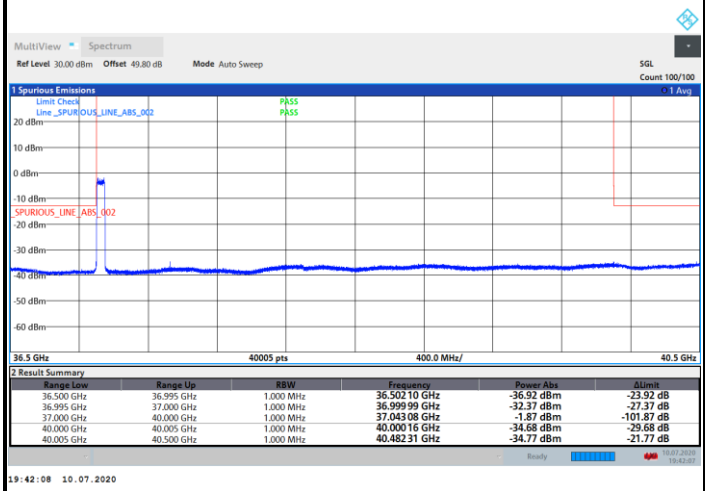
Highest Band Edge / Full RB



CP-OFDM Module 1

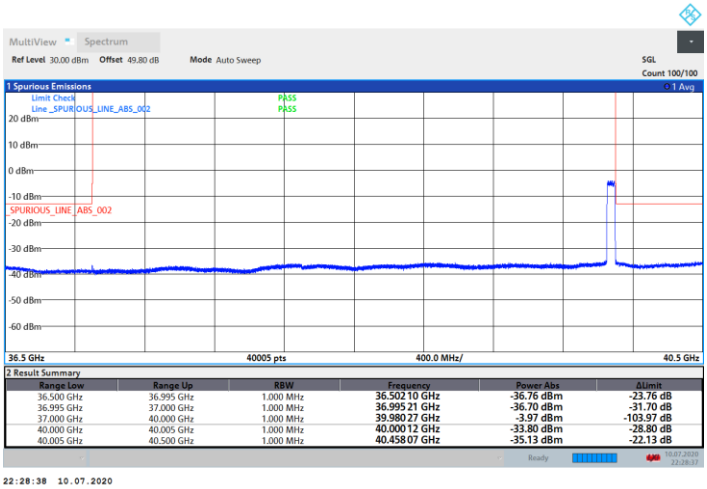
NR Band n260 / 50MHz / 64QAM

Lowest Band Edge / Full RB



19:42:08 10.07.2020

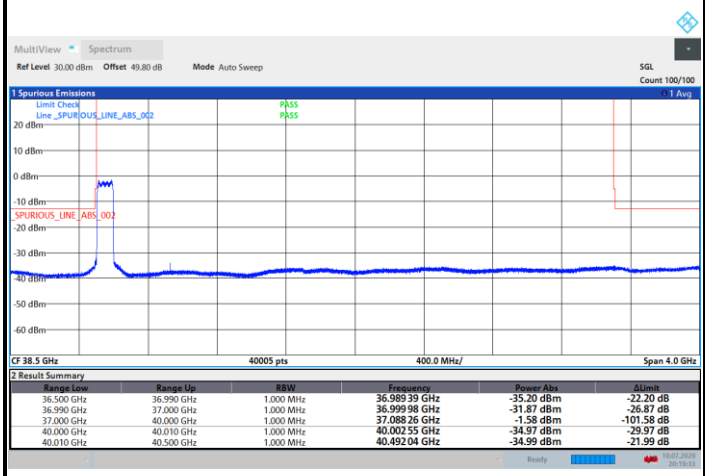
Highest Band Edge / Full RB



22:28:38 10.07.2020

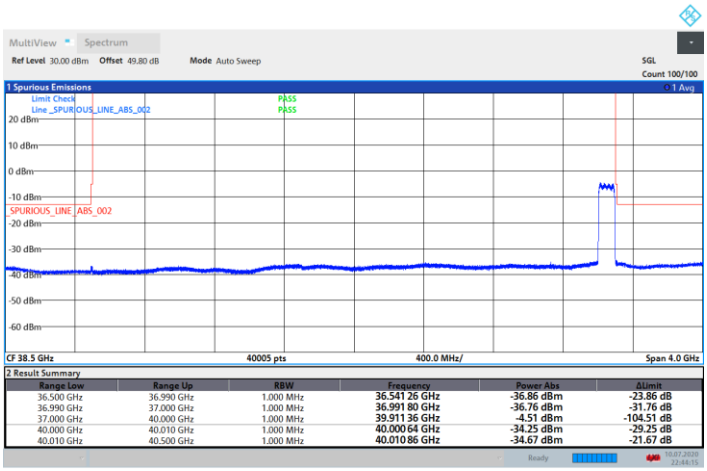
NR Band n260 / 100MHz / QPSK

Lowest Band Edge / Full RB



20:19:33 10.07.2020

Highest Band Edge / Full RB

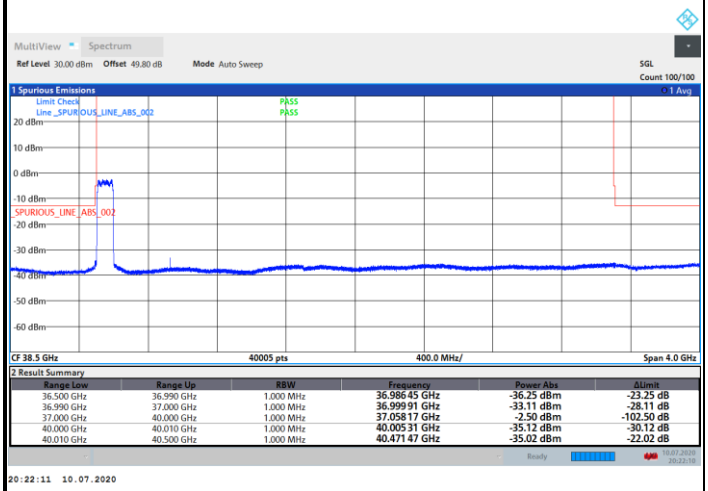


22:44:16 10.07.2020

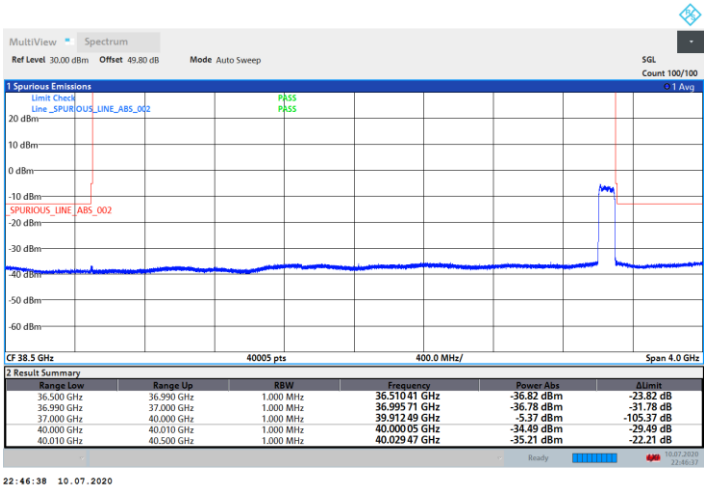
CP-OFDM Module 1

NR Band n260 / 100MHz / 16QAM

Lowest Band Edge / Full RB

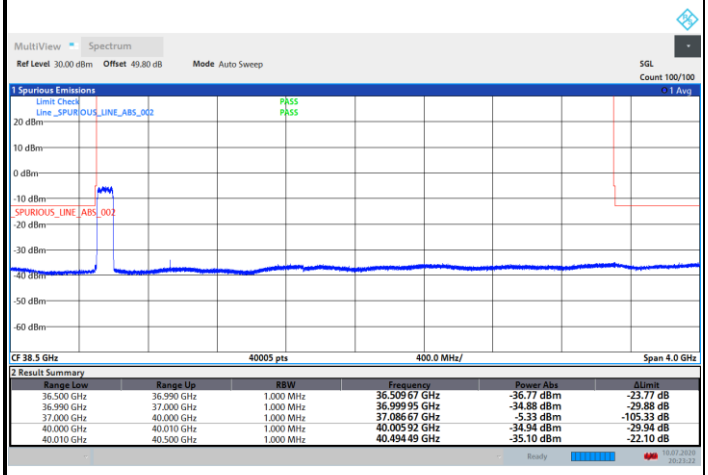


Highest Band Edge / Full RB

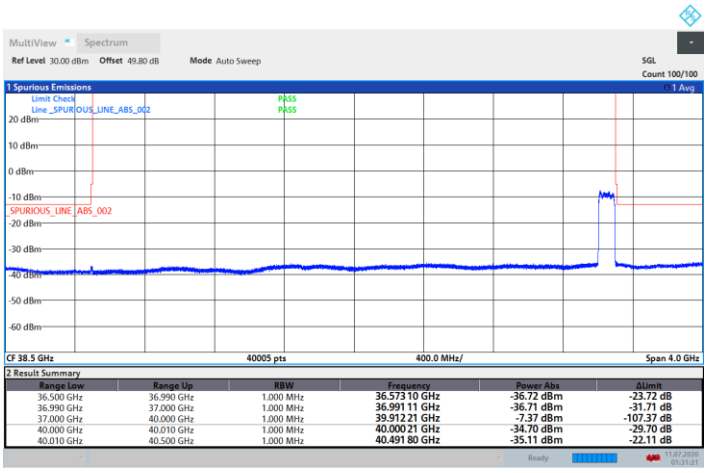


NR Band n260 / 100MHz / 64QAM

Lowest Band Edge / Full RB



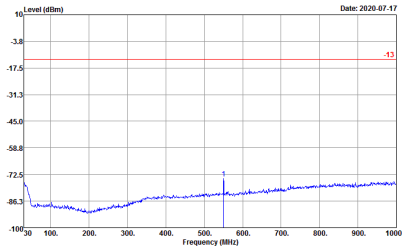
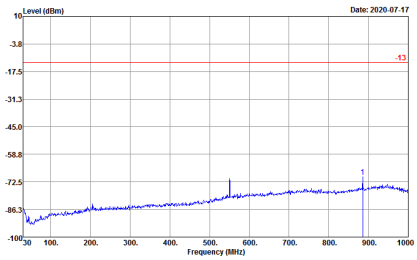
Highest Band Edge / Full RB



Spurious Emission

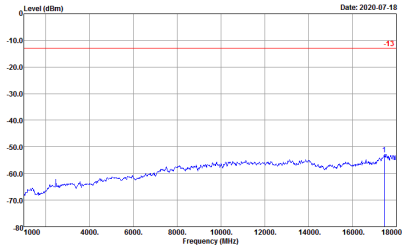
There is no significant spurious emission signal found for frequency started from 9kHz up to 18GHz.

Only the noise floor is reported.

NR Band n260 (30MHz-1GHz)
Horizontal
 Site : 03CH10-HY Condition : -13 EIRP_WO HORIZONTAL Project : 041648-02 : n260 Module 0 Freq Level Over Limit Limit Line LISN Factor MHz dBm dB dBm dB 1 549.92 -74.61 -61.61 -13.00 33.73
Vertical
 Site : 03CH10-HY Condition : -13 EIRP_WO VERTICAL Project : 041648-02 : n260 Module 0 Freq Level Over Limit Limit Line LISN Factor MHz dBm dB dBm dB 1 885.54 -70.07 -57.07 -13.00 40.01

NR Band n260 (1GHz-18GHz)

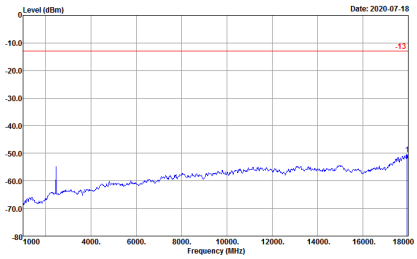
Horizontal



Site : 03CH10-HY
Condition : -13 EIRP_WO HORIZONTAL
Project : 041648-02
: n260 Module 0

	Freq	Level	Over Limit	Limit Line	LISN Factor
	MHz	dBm	dB	dBm	dB
1	17456.00	-52.85	-39.85	-13.00	72.36

Vertical

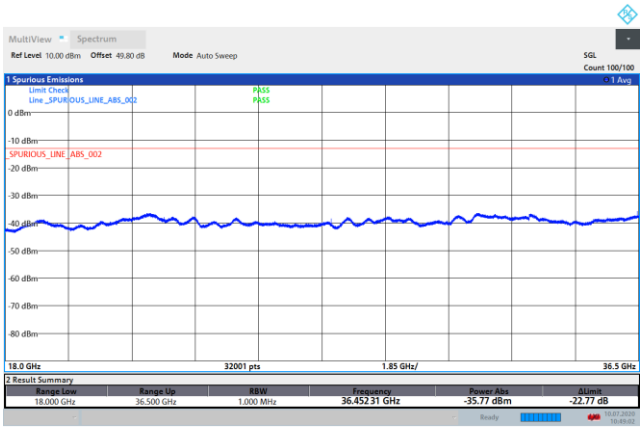
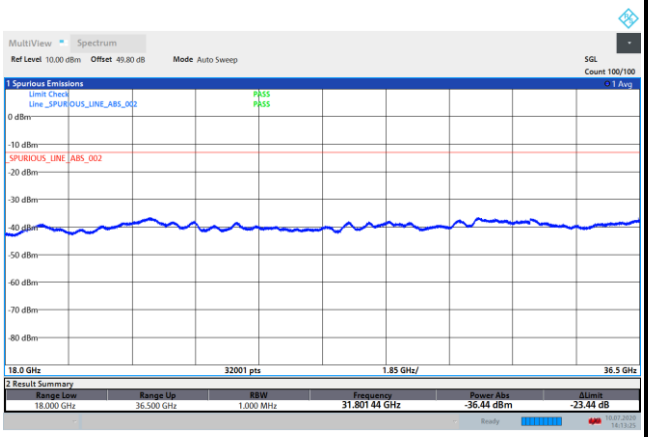
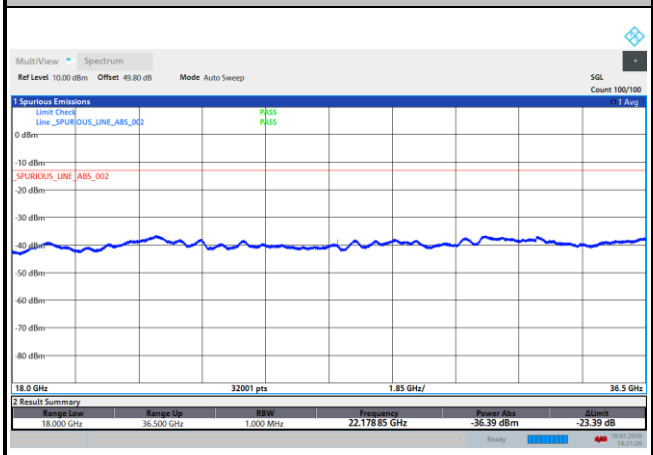
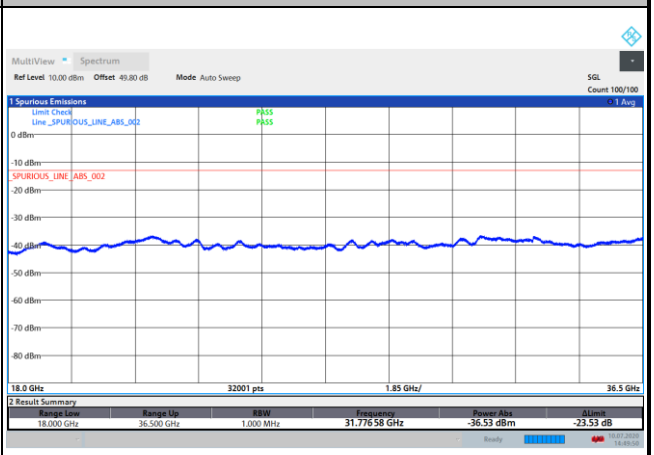
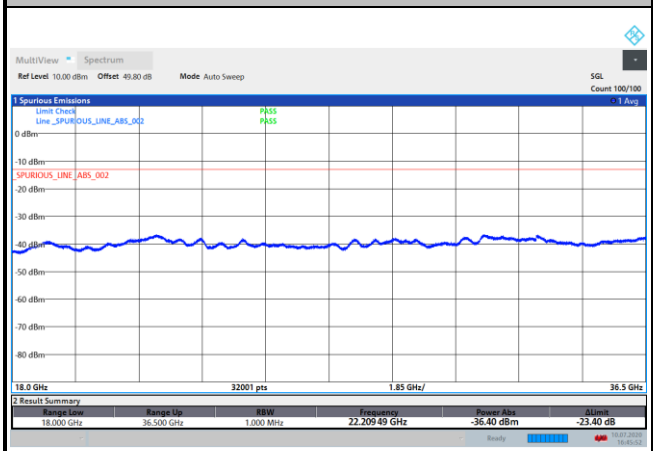
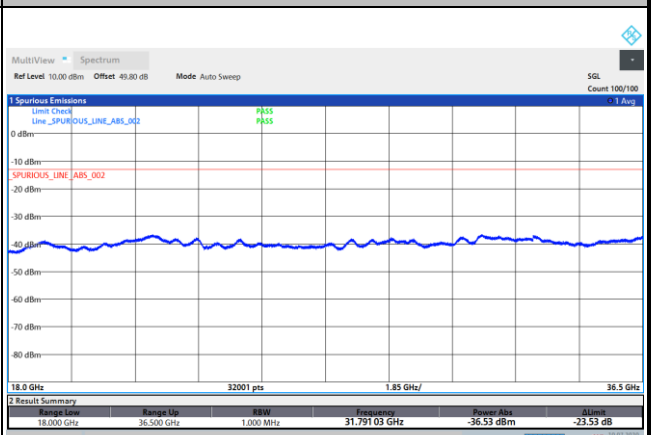


Site : 03CH10-HY
Condition : -13 EIRP_WO VERTICAL
Project : 041648-02
: n260 Module 0

	Freq	Level	Over Limit	Limit Line	LISN Factor
	MHz	dBm	dB	dBm	dB
1	17949.00	-50.46	-37.46	-13.00	75.63

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

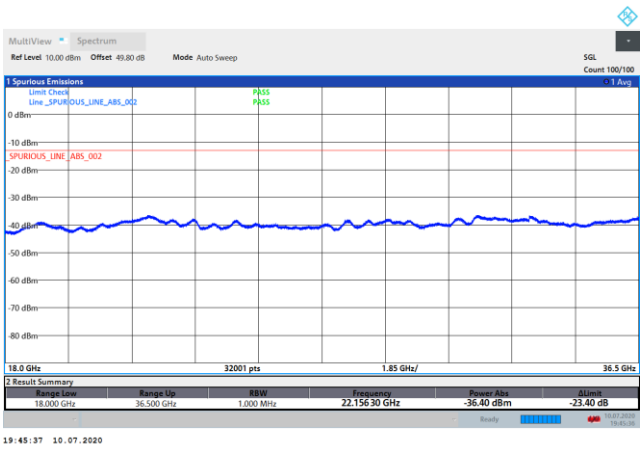
CP-OFDM Module 0

NR Band n260 QPSK (18-40GHz)	
Lowest Channel / 50MHz	**Lowest Channel / 100MHz**
	
Middle Channel / 50MHz	**Middle Channel / 100MHz**
	
Highest Channel / 50MHz	**Highest Channel / 100MHz**
	

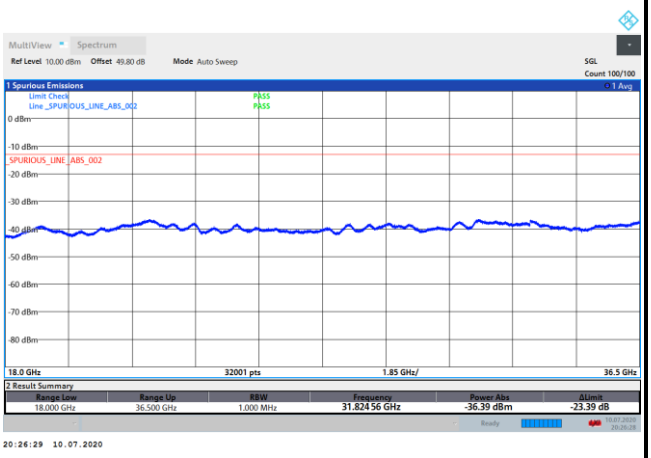
CP-OFDM Module 1

NR Band n260 QPSK (18-40GHz)

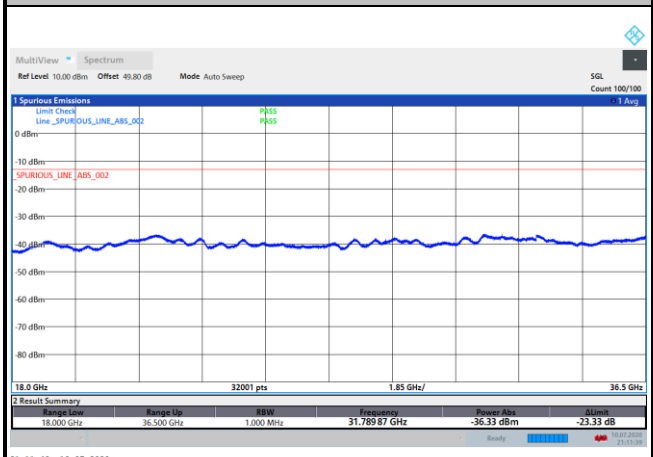
Lowest Channel / 50MHz



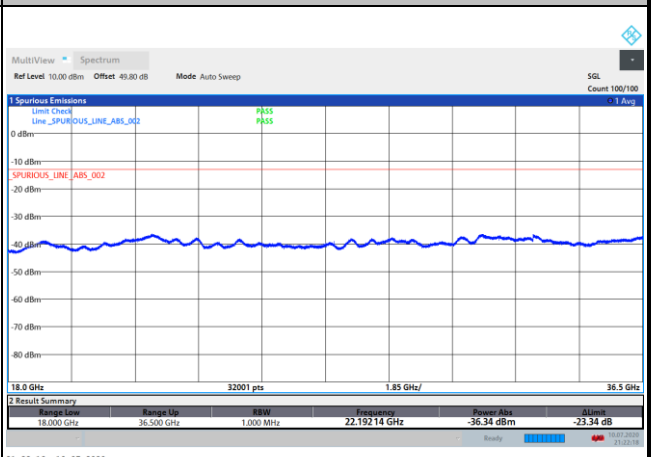
Lowest Channel / 100MHz



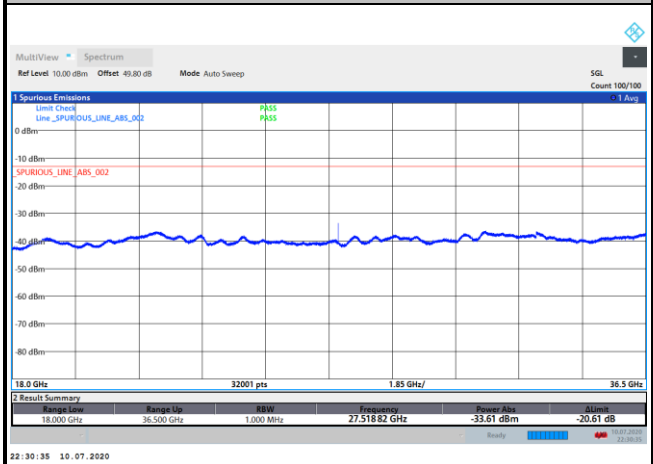
Middle Channel / 50MHz



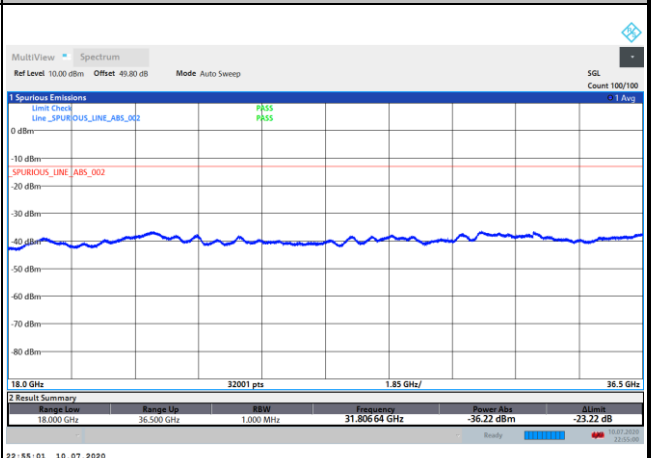
Middle Channel / 100MHz



Highest Channel / 50MHz



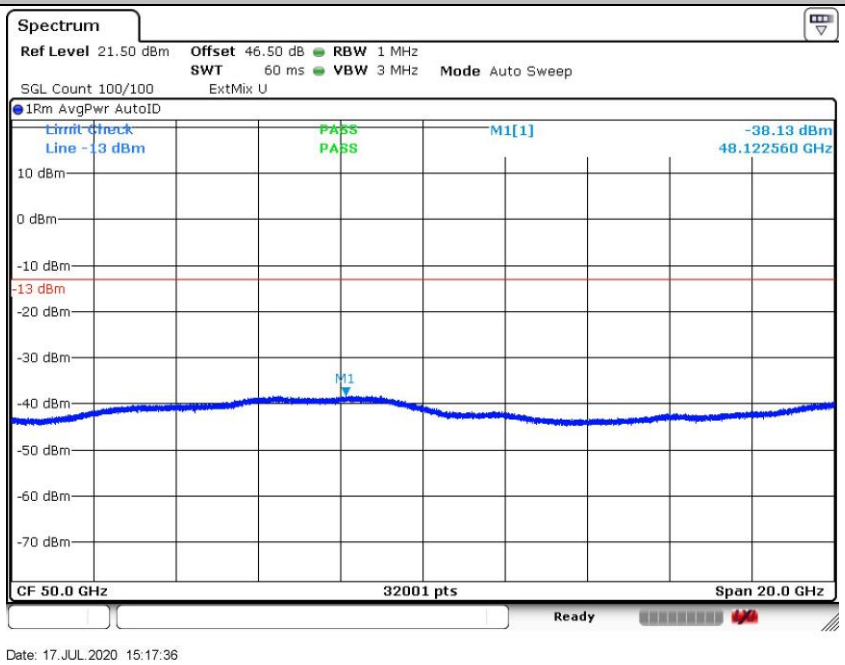
Highest Channel / 100MHz



There is no significant spurious emission signal found for frequency started from 40GHz up to 200GHz.

Only the noise floor is reported.

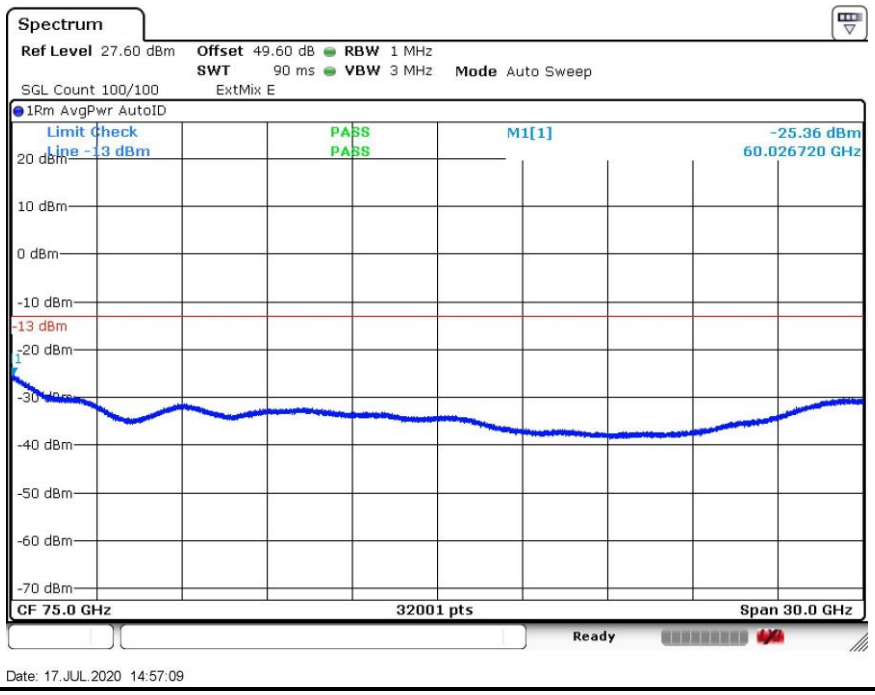
NR Band n260
(40GHz-60GHz)



Offset = Antenna Factor (dB/m) + Cable Loss (dB) + 107 + 20log (D) – 104.8

= 42.1 + 2.2 + 107 + 20log(1) – 104.8 = 46.5 (dB)

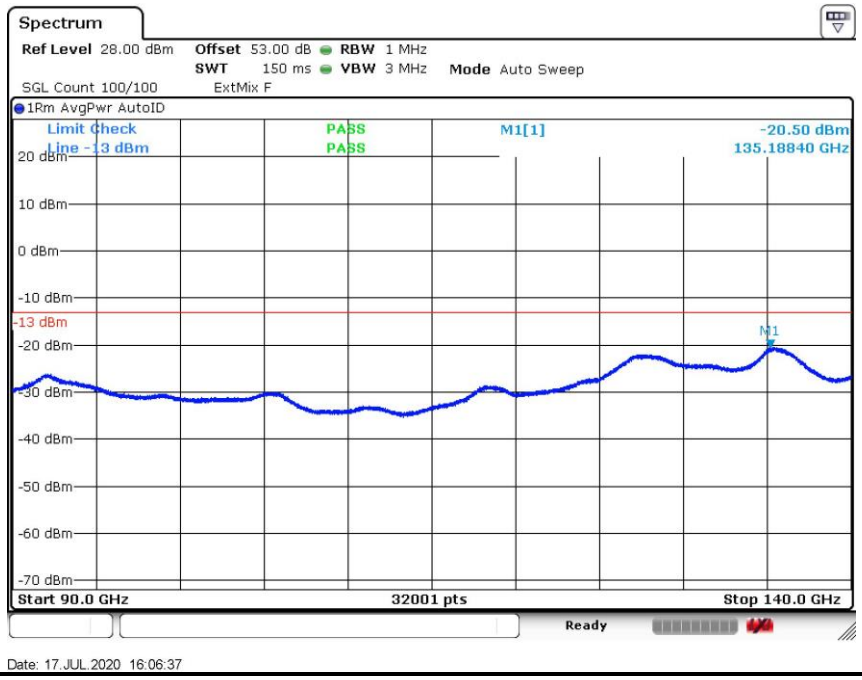
NR Band n260
(60GHz-90GHz)



Offset = Antenna Factor (dB/m) + Cable Loss (dB) + 107 + 20log (D) – 104.8

= 47.2 + 2.2 + 107 + 20log(1) – 104.8 = 49.6 (dB)

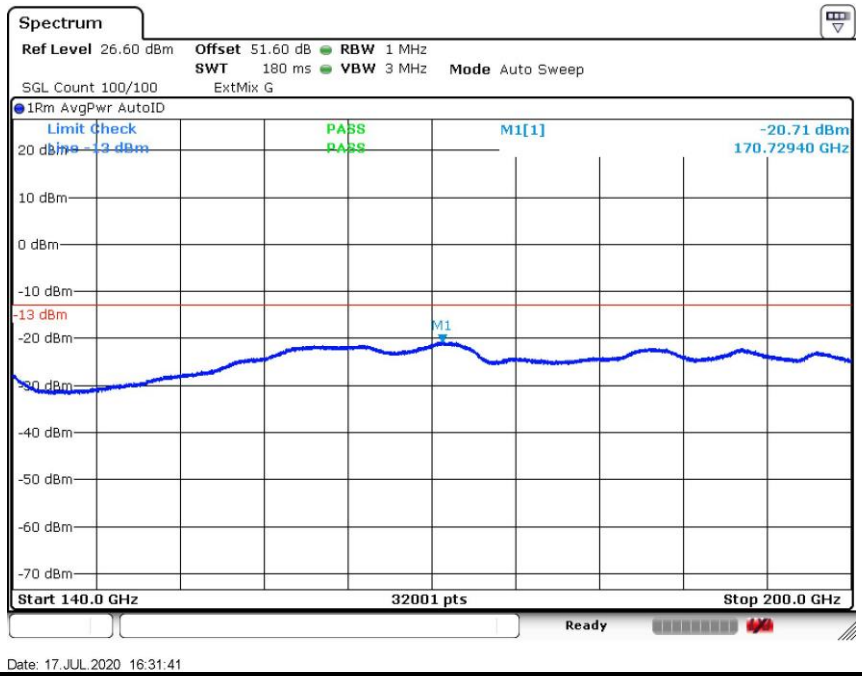
NR Band n260
(90GHz-140GHz)



Offset = Antenna Factor (dB/m) + Cable Loss (dB) + 107 + 20log (D) – 104.8

= 48.8 + 2 + 107 + 20log(1) – 104.8 = 53 (dB)

NR Band n260
(140GHz-200GHz)



Offset = Antenna Factor (dB/m) + Cable Loss (dB) + 107 + 20log (D) – 104.8

= 53.4 + 2 + 107 + 20log(0.5) – 104.8 = 51.6 (dB)

NR Band n261 SISO

Occupied Bandwidth

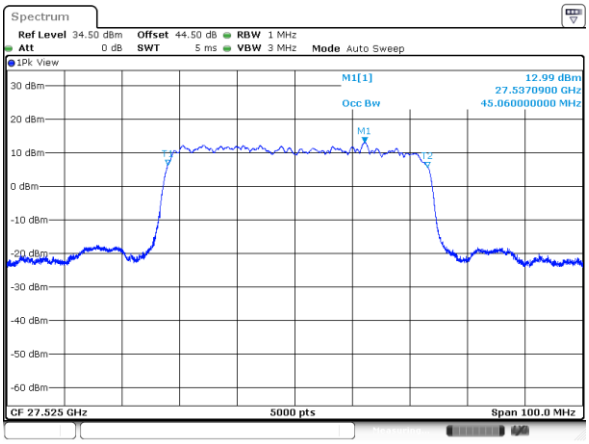
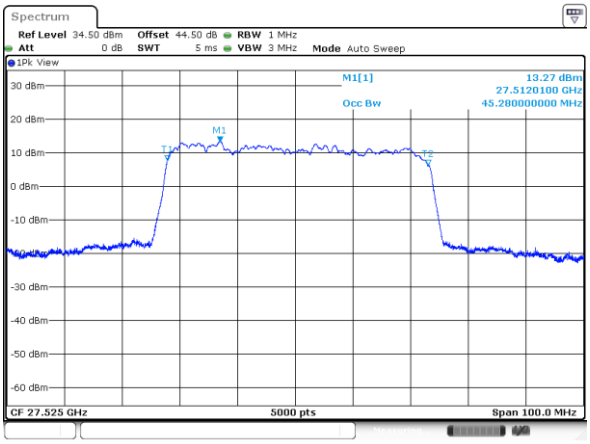
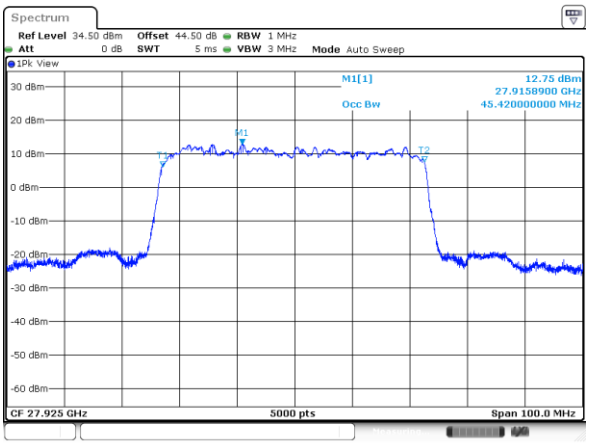
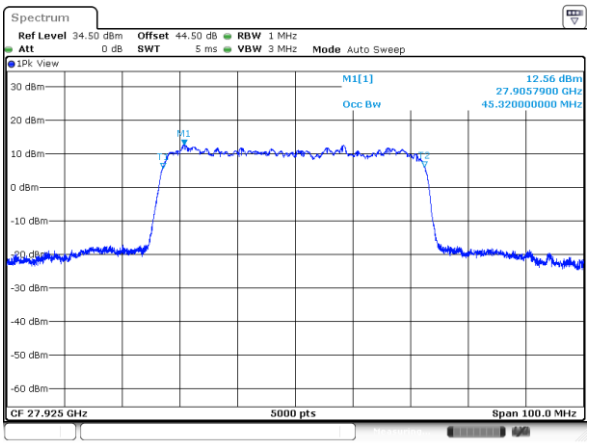
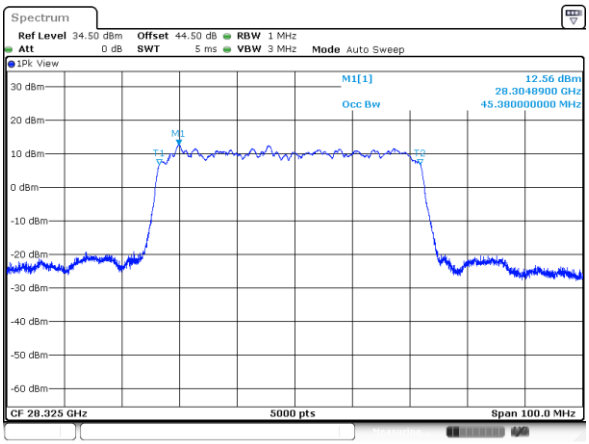
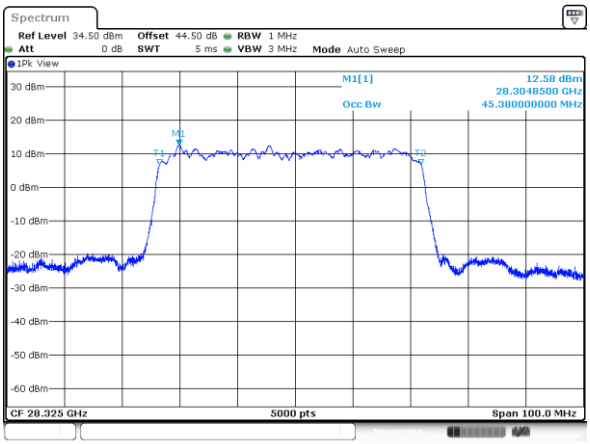
Mode	DFT-s-OFDM Module 0 NR Band n261 : 99%OBW(MHz)							
BW	50MHz				100MHz			
Mod.	BPSK	QPSK	16QAM	64QAM	BPSK	QPSK	16QAM	64QAM
Lowest CH	45.06	45.28	45.24	45.04	90.40	90.68	90.80	90.60
Middle CH	45.42	45.32	45.18	45.26	90.84	90.68	90.68	90.72
Highest CH	45.38	45.38	45.32	45.36	90.56	90.52	90.52	90.40

Mode	DFT-s-OFDM Module 1 NR Band n261 : 99%OBW(MHz)							
BW	50MHz				100MHz			
Mod.	BPSK	QPSK	16QAM	64QAM	BPSK	QPSK	16QAM	64QAM
Lowest CH	45.62	45.16	45.08	45.26	89.96	90.64	90.72	90.48
Middle CH	45.72	45.12	44.82	45.20	90.44	90.08	90.64	90.32
Highest CH	45.72	44.98	45.02	45.12	90.44	90.24	90.24	90.28

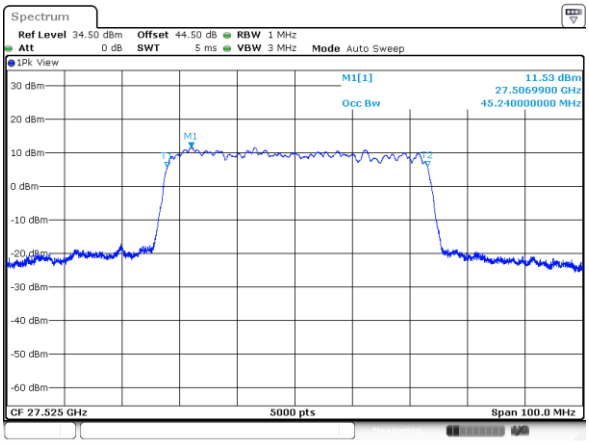
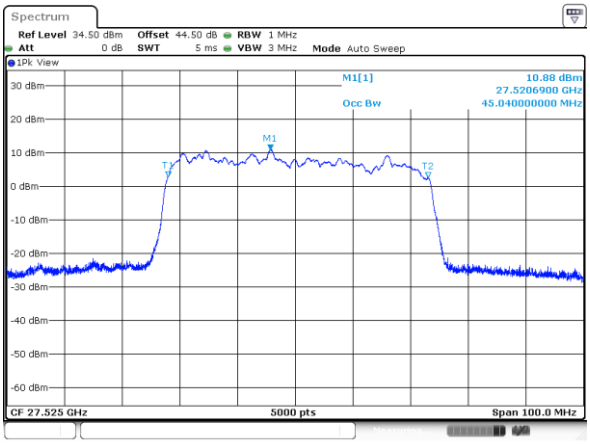
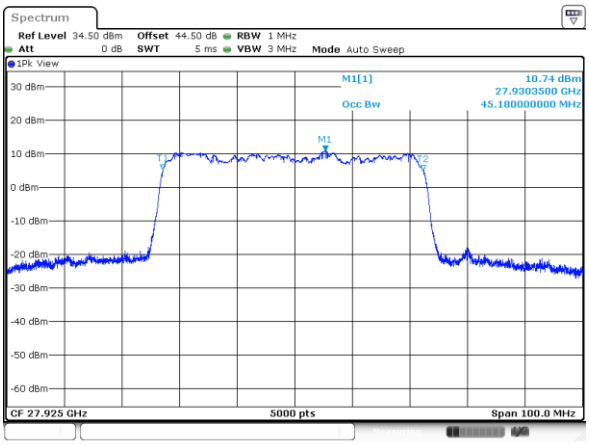
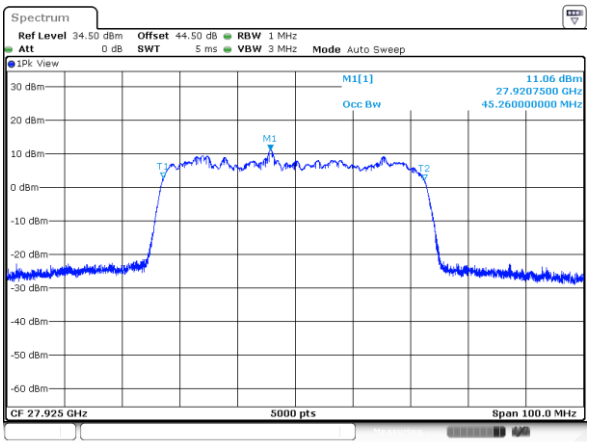
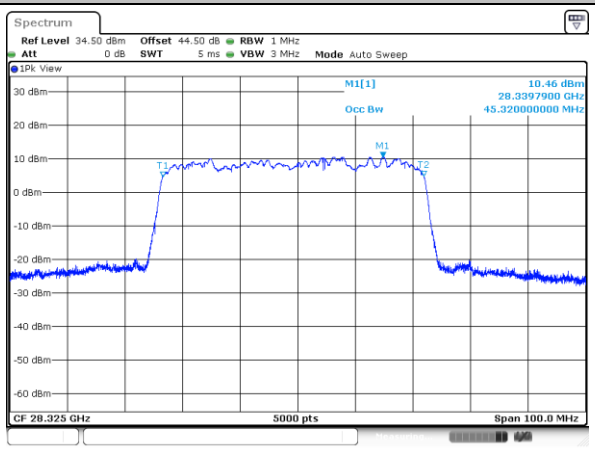
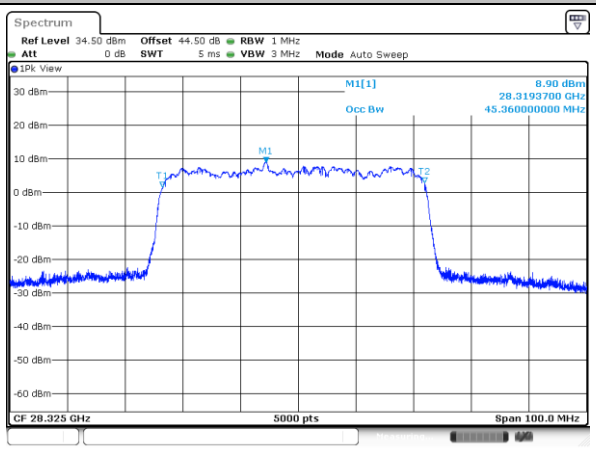
Mode	CP-OFDM Module 0 NR Band n261 : 99%OBW(MHz)					
BW	50MHz			100MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	45.22	45.32	45.04	92.88	93.08	93.04
Middle CH	45.48	45.36	45.38	92.88	92.88	93.04
Highest CH	45.12	45.16	45.34	92.60	93.12	92.96

Mode	CP-OFDM Module 1 NR Band n261 : 99%OBW(MHz)					
BW	50MHz			100MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	45.22	44.94	45.16	92.84	92.68	93.52
Middle CH	45.20	45.12	45.30	92.84	93.00	93.20
Highest CH	45.30	45.02	45.24	92.92	92.28	92.88

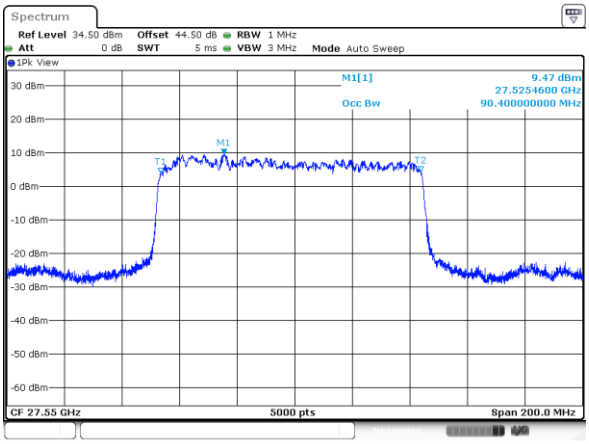
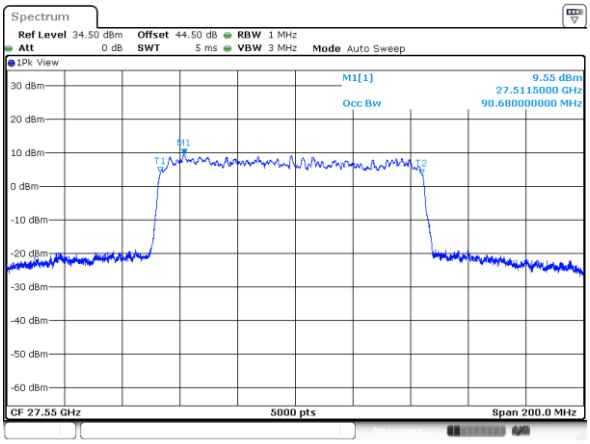
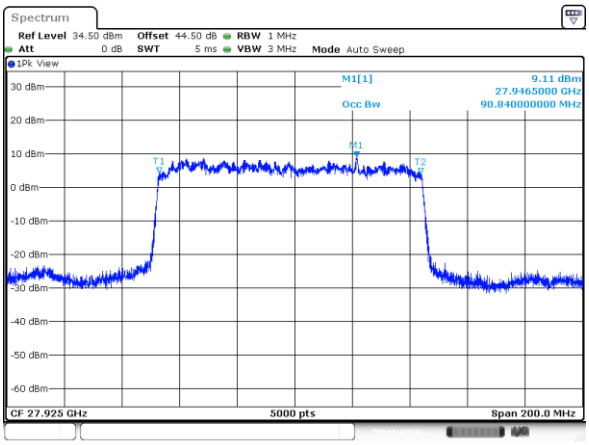
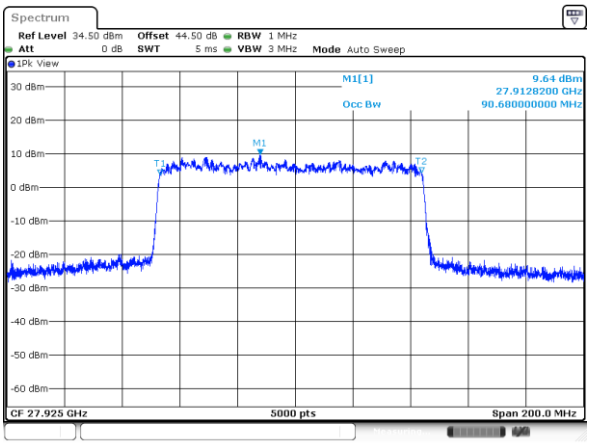
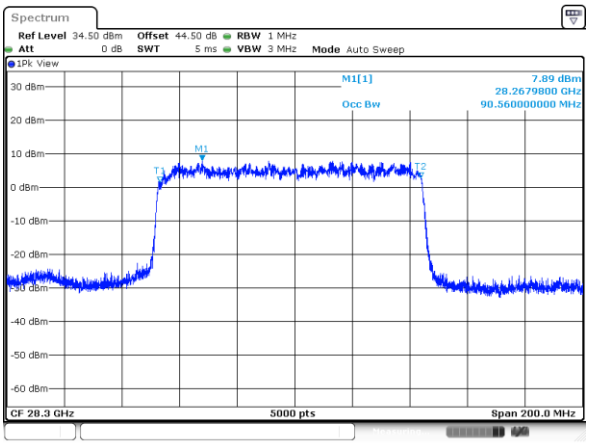
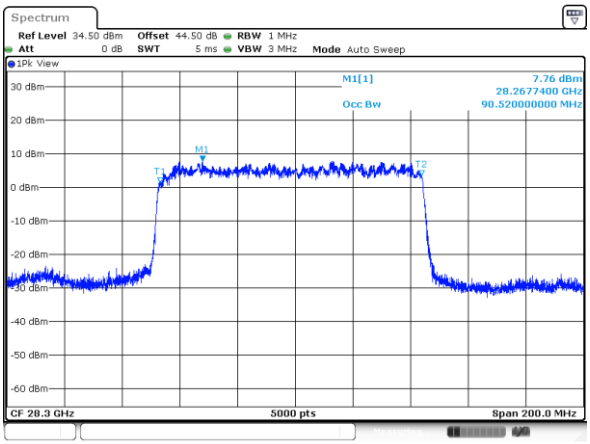
DFT-s-OFDM Module 0

NR Band n261	
Lowest Channel / 50MHz / BPSK	**Lowest Channel / 50MHz / QPSK**
	
Middle Channel / 50MHz / BPSK	**Middle Channel / 50MHz / QPSK**
	
Highest Channel / 50MHz / BPSK	**Highest Channel / 50MHz / QPSK**
	

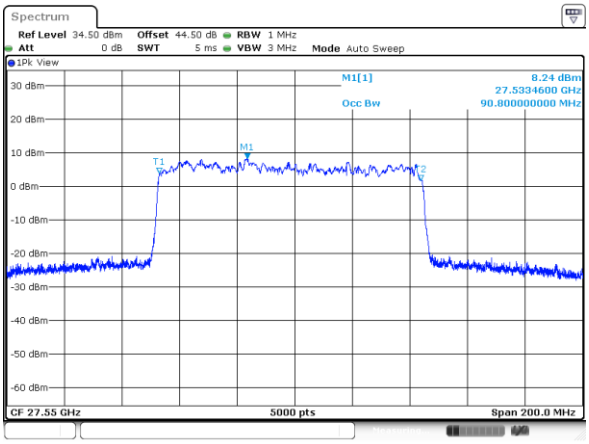
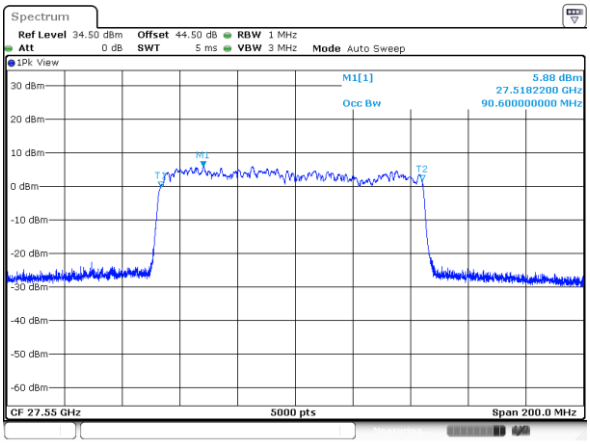
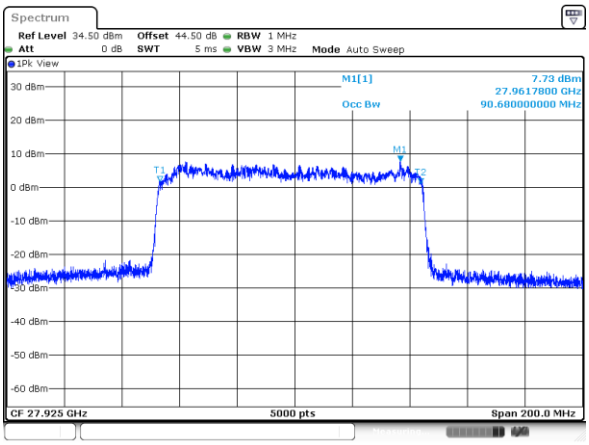
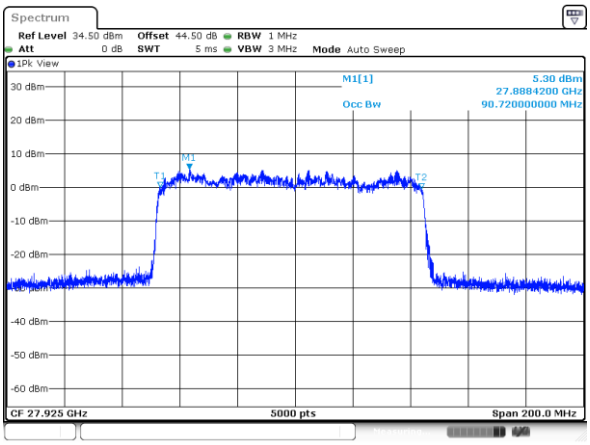
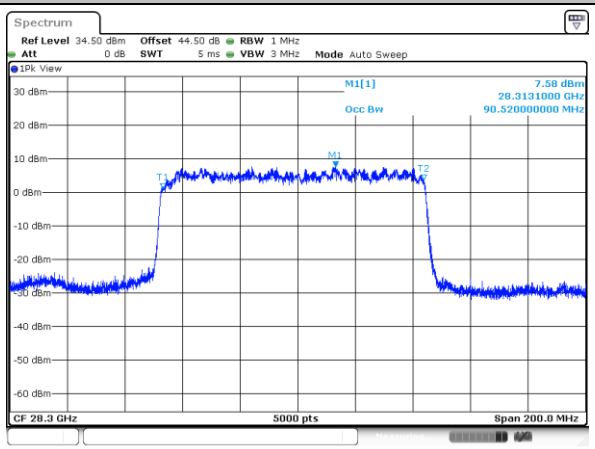
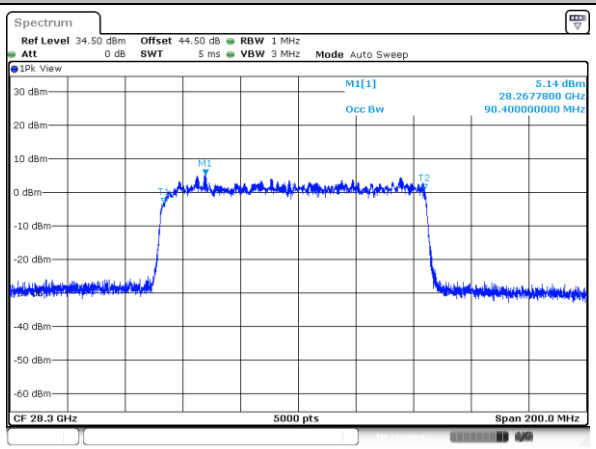
DFT-s-OFDM Module 0

NR Band n261	
Lowest Channel / 50MHz / 16QAM	**Lowest Channel / 50MHz / 64QAM**
	
Middle Channel / 50MHz / 16QAM	**Middle Channel / 50MHz / 64QAM**
	
Highest Channel / 50MHz / 16QAM	**Highest Channel / 50MHz / 64QAM**
	

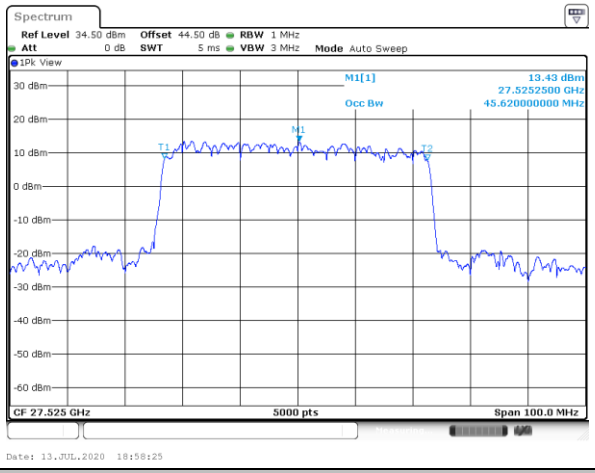
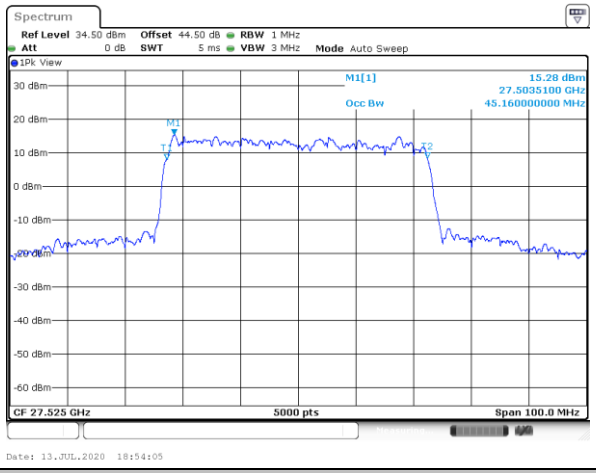
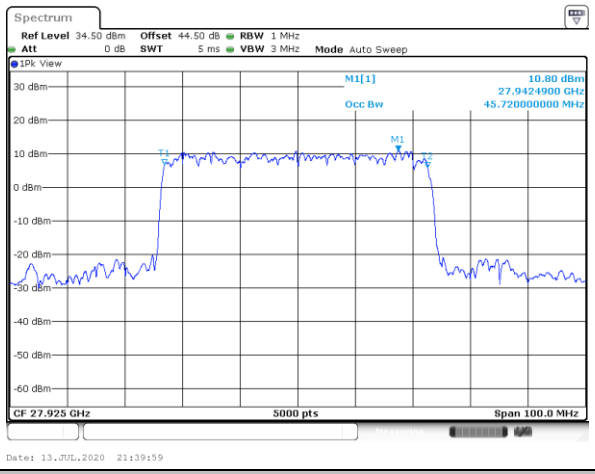
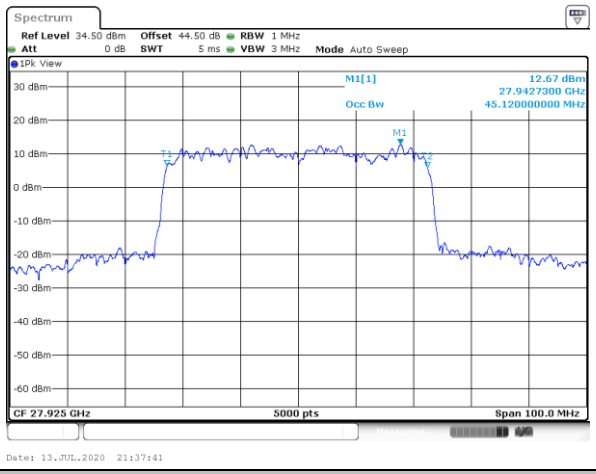
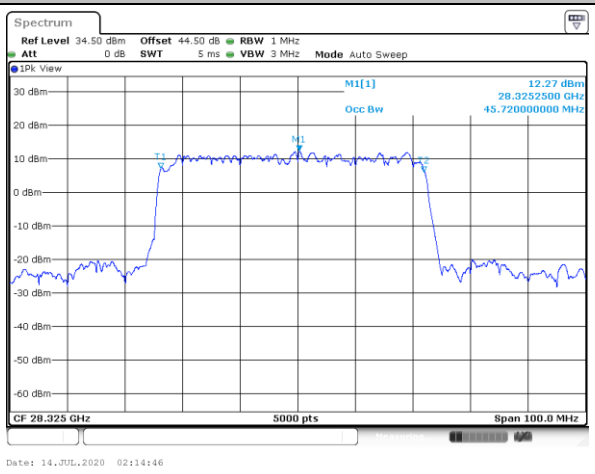
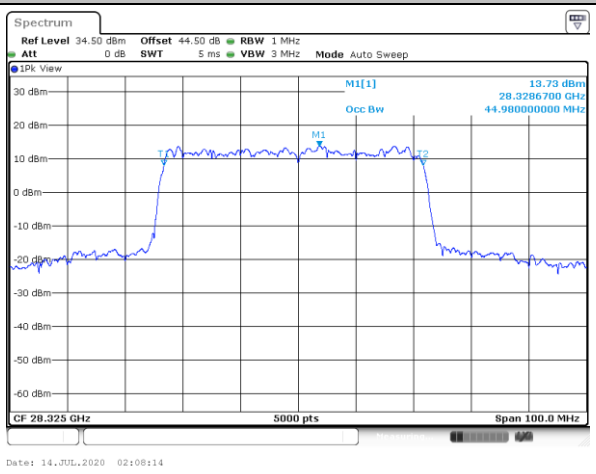
DFT-s-OFDM Module 0

NR Band n261	
Lowest Channel / 100MHz / BPSK	**Lowest Channel / 100MHz / QPSK**
	
Middle Channel / 100MHz / BPSK	**Middle Channel / 100MHz / QPSK**
	
Highest Channel / 100MHz / BPSK	**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 1

NR Band n261	
Lowest Channel / 50MHz / BPSK	**Lowest Channel / 50MHz / QPSK**
	
Middle Channel / 50MHz / BPSK	**Middle Channel / 50MHz / QPSK**
	
Highest Channel / 50MHz / BPSK	**Highest Channel / 50MHz / QPSK**