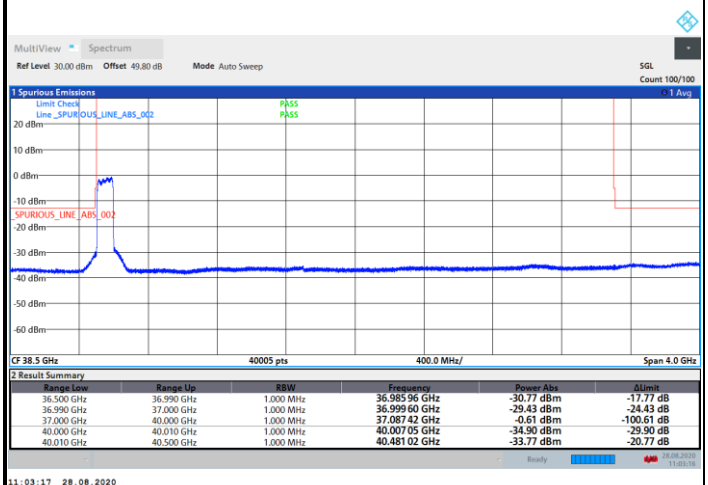
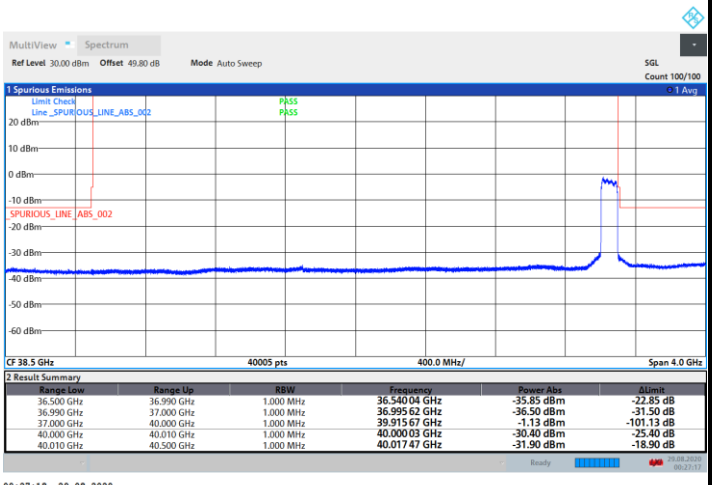
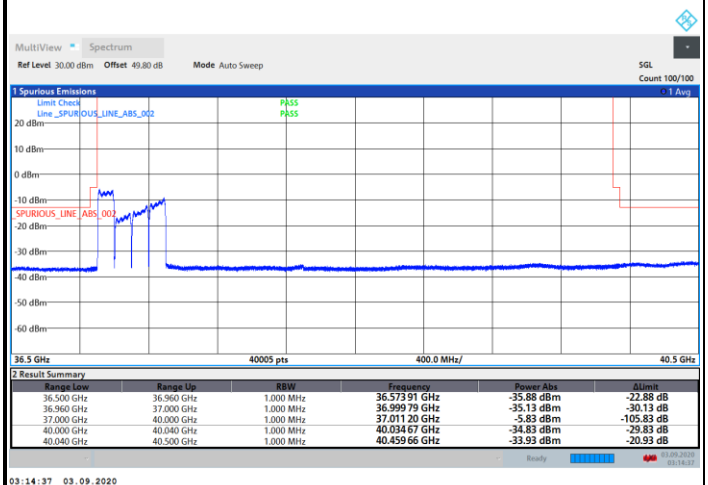
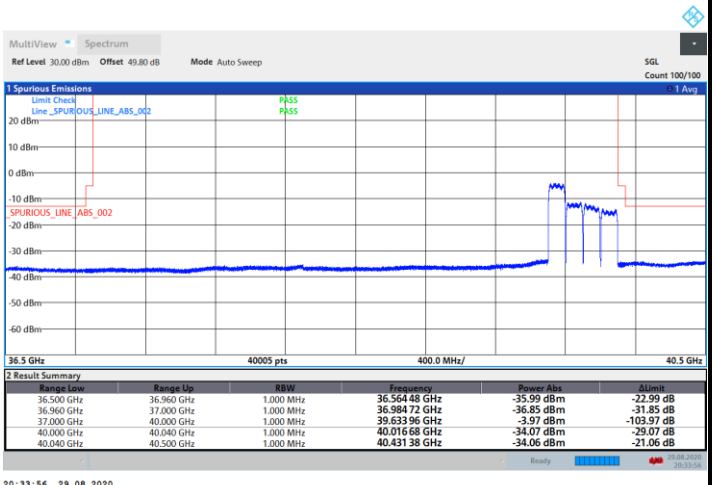
CP-OFDM Module 2

NR Band n260 / 100MHz / QPSK	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

CP-OFDM Module 2

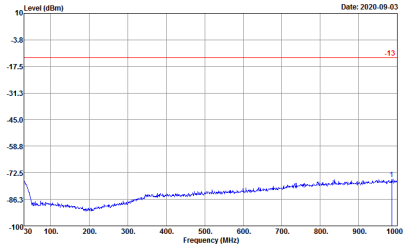
NR Band n260 / 400MHz / QPSK	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

Spurious Emission

There is no significant spurious emission signal found for frequency started from 30MHz up to 18GHz.

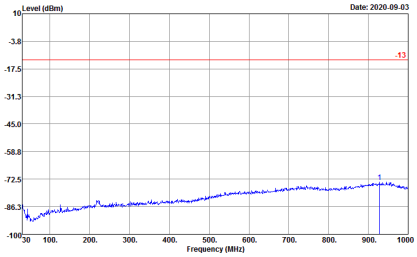
Only the noise floor is reported.

NR Band n260 (30MHz-1GHz)	
Horizontal	**Vertical**



Site : 03CH10-HY
Condition : -13 EIRP_WO HORIZONTAL
Project : 060302
: n260 Module 2

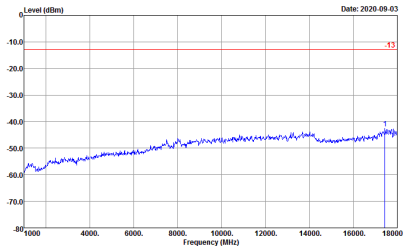
	Freq	Level	Over Limit	Limit Line
	MHz	dBm	dB	dBm
1	985.45	-75.90	-62.90	-13.00



Site : 03CH10-HY
Condition : -13 EIRP_WO VERTICAL
Project : 060302
: n260 Module 2

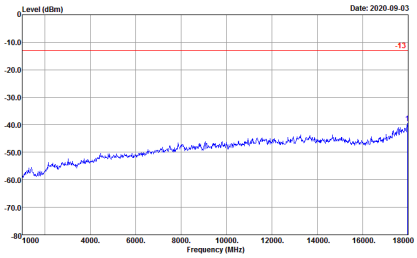
	Freq	Level	Over Limit	Limit Line
	MHz	dBm	dB	dBm
1	928.22	-74.01	-61.01	-13.00

NR Band n260 (1GHz-18GHz)	
Horizontal	**Vertical**



Site : 03CH10-HY
Condition : -13 EIRP_WO HORIZONTAL
Project : 060302
: n260 Module 2

	Freq	Level	Over Limit	Limit Line
	MHz	dBm	dB	dBm
1	17439.00	-42.59	-29.59	-13.00

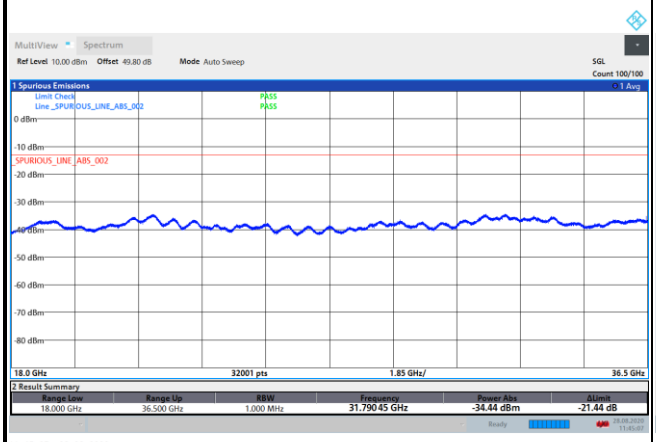
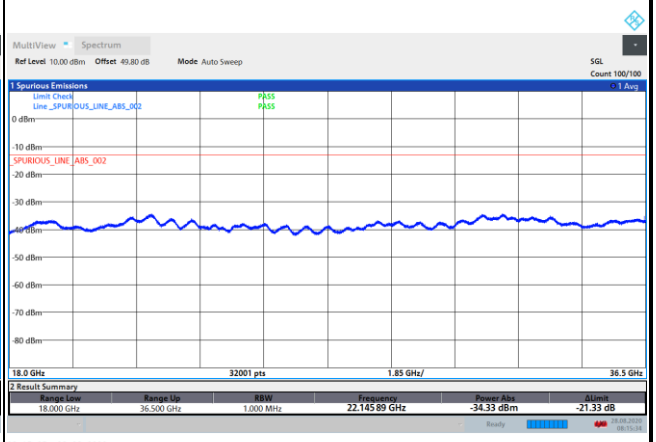
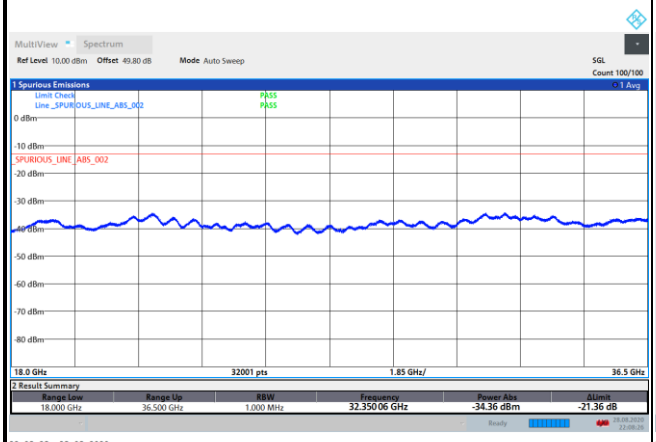
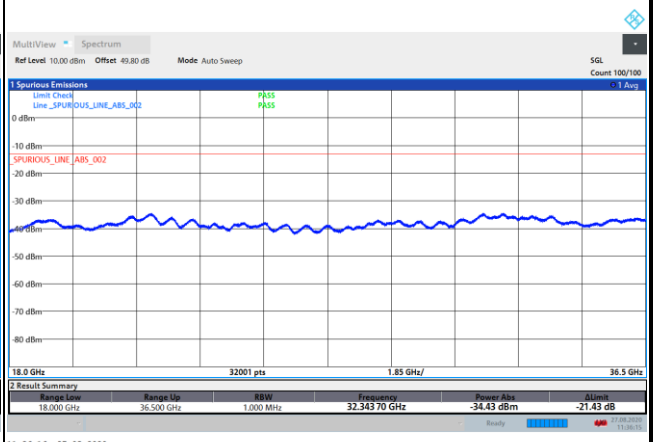
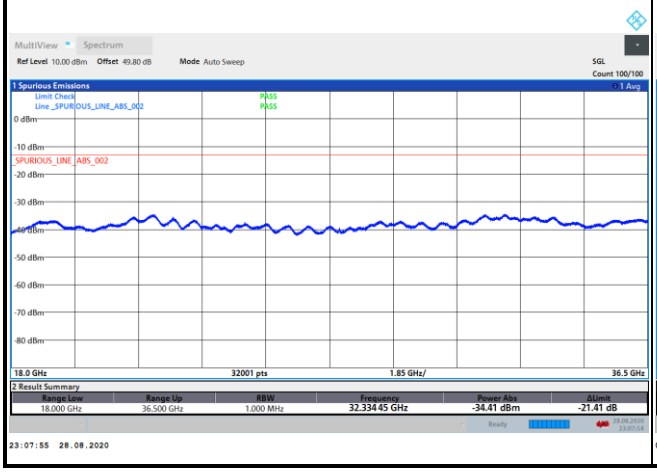
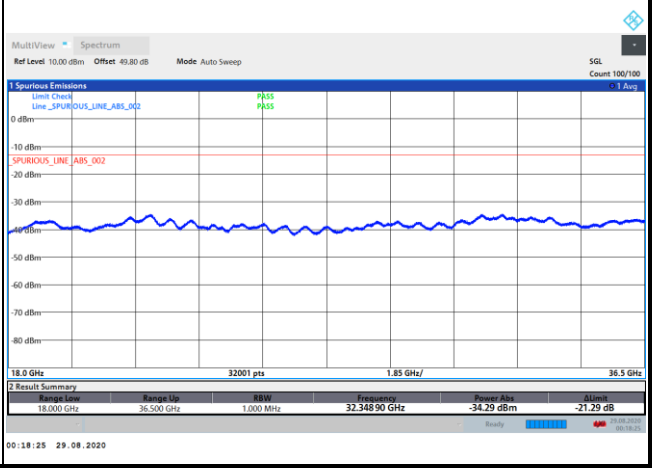


Site : 03CH10-HY
Condition : -13 EIRP_WO VERTICAL
Project : 060302
: n260 Module 2

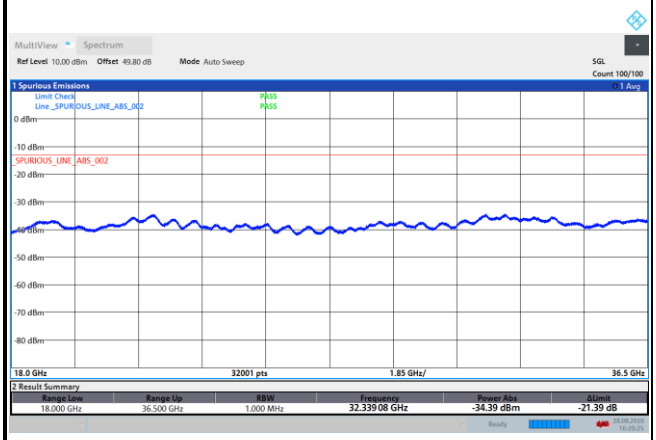
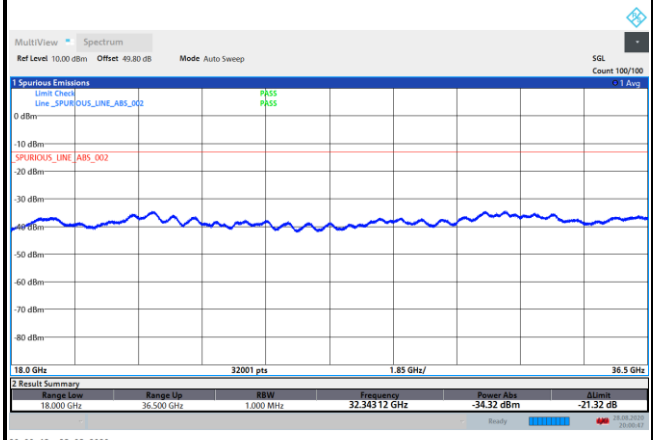
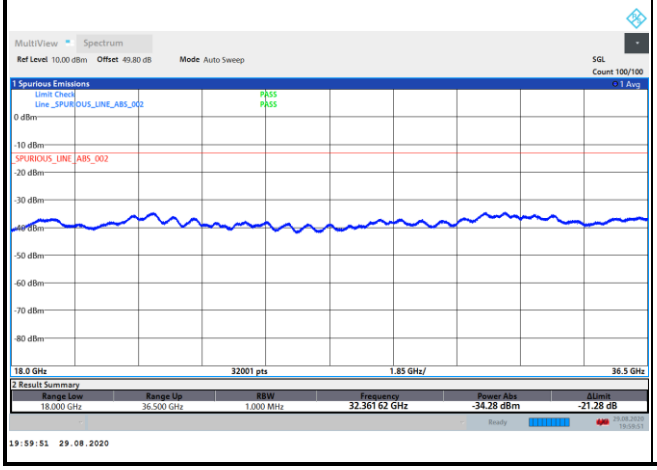
	Freq	Level	Over Limit	Limit Line
	MHz	dBm	dB	dBm
1	17966.00	-39.37	-26.37	-13.00

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

DFT-s-OFDM Module 2

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

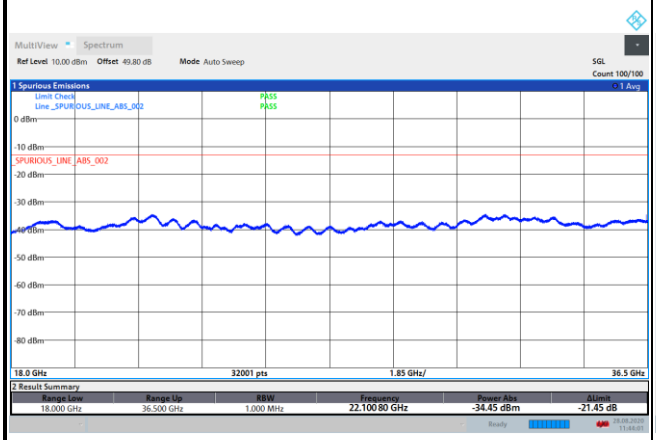
DFT-s-OFDM Module 2

NR Band n260 QPSK (18-40GHz)	
Lowest Channel / 400MHz	
	**intentionally blank**
Middle Channel / 400MHz	
	**intentionally blank**
Highest Channel / 400MHz	
	**intentionally blank**

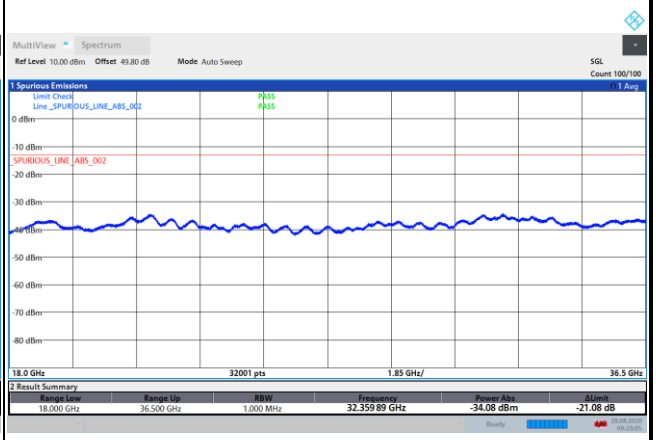
CP-OFDM Module 2

NR Band n260 QPSK (18-40GHz)

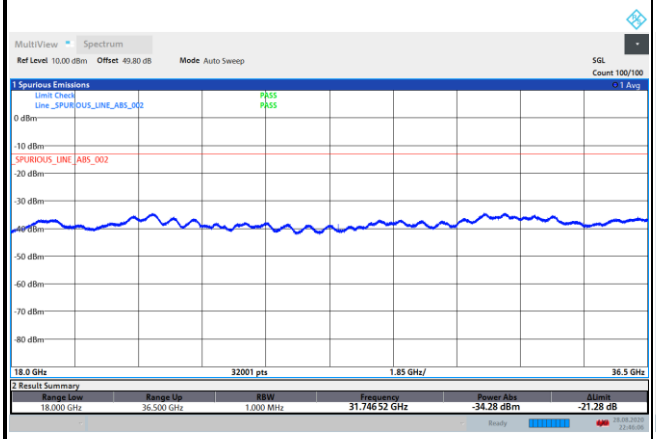
Lowest Channel / 50MHz



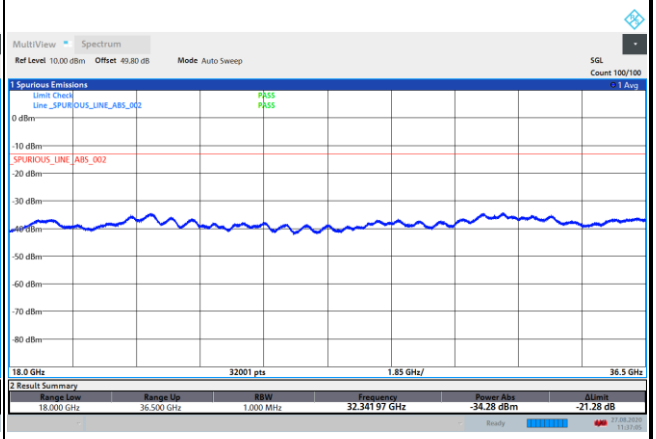
Lowest Channel / 100MHz



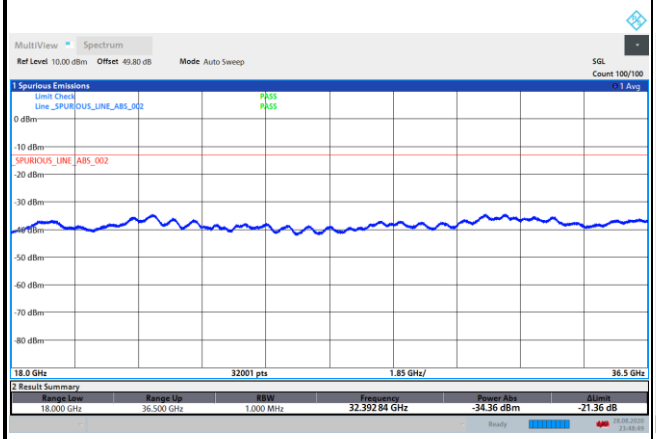
Middle Channel / 50MHz



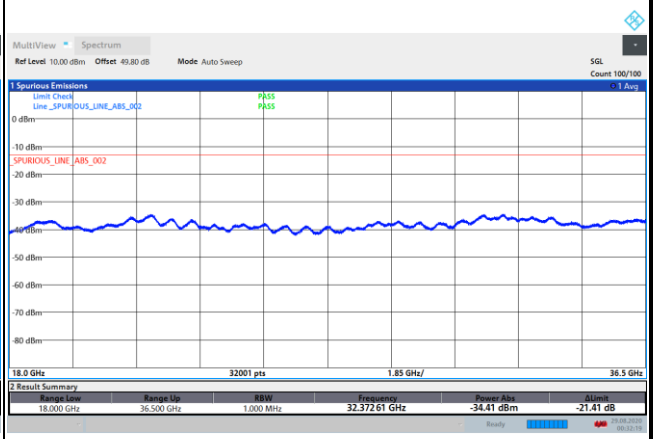
Middle Channel / 100MHz



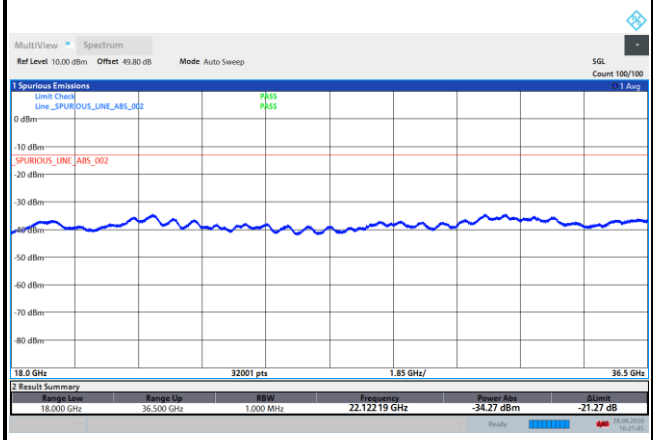
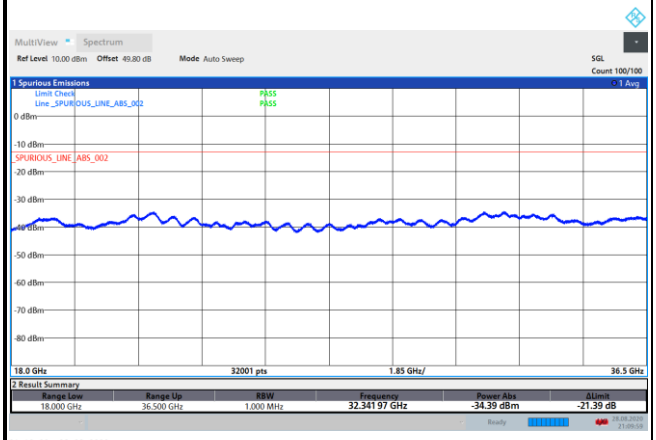
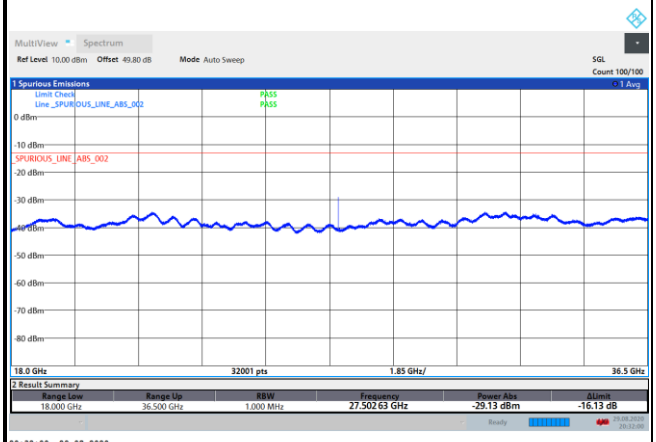
Highest Channel / 50MHz



Highest Channel / 100MHz



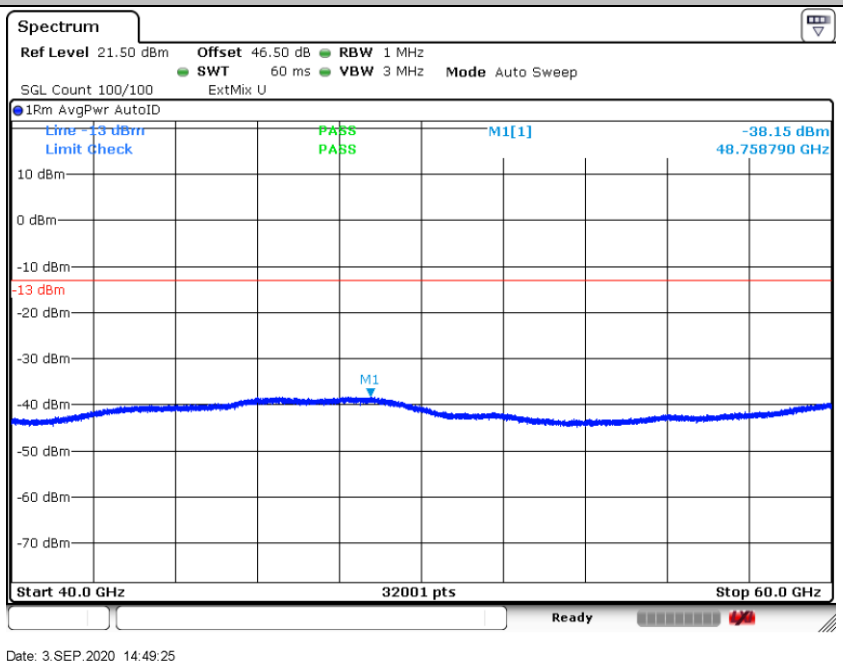
CP-OFDM Module 2

NR Band n260 QPSK (18-40GHz)	
Lowest Channel / 400MHz	
	**intentionally blank**
Middle Channel / 400MHz	
	**intentionally blank**
Highest Channel / 400MHz	
	**intentionally blank**

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

Only the noise floor is reported.

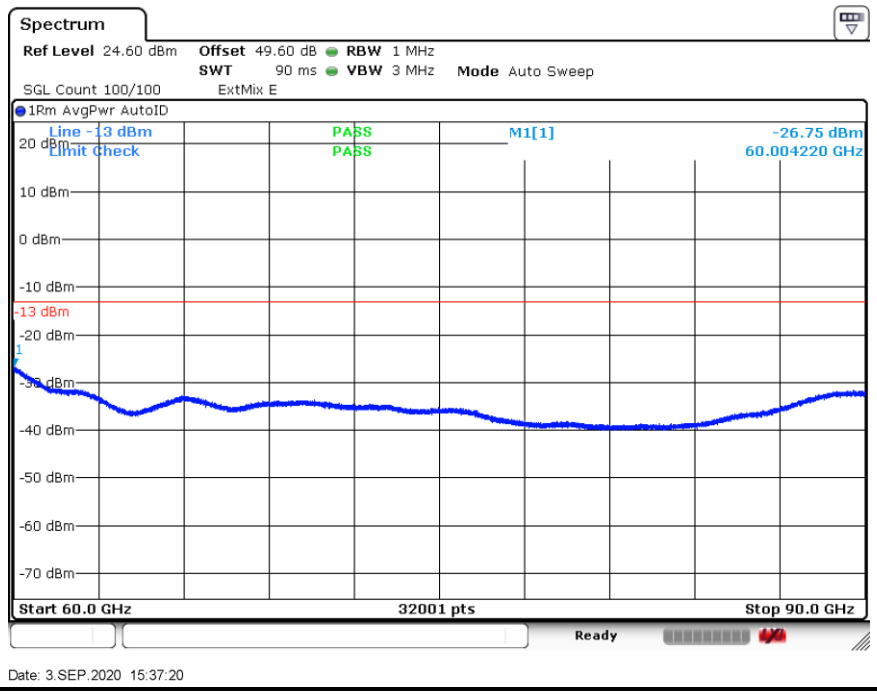
NR Band n260
(40GHz-60GHz)



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)

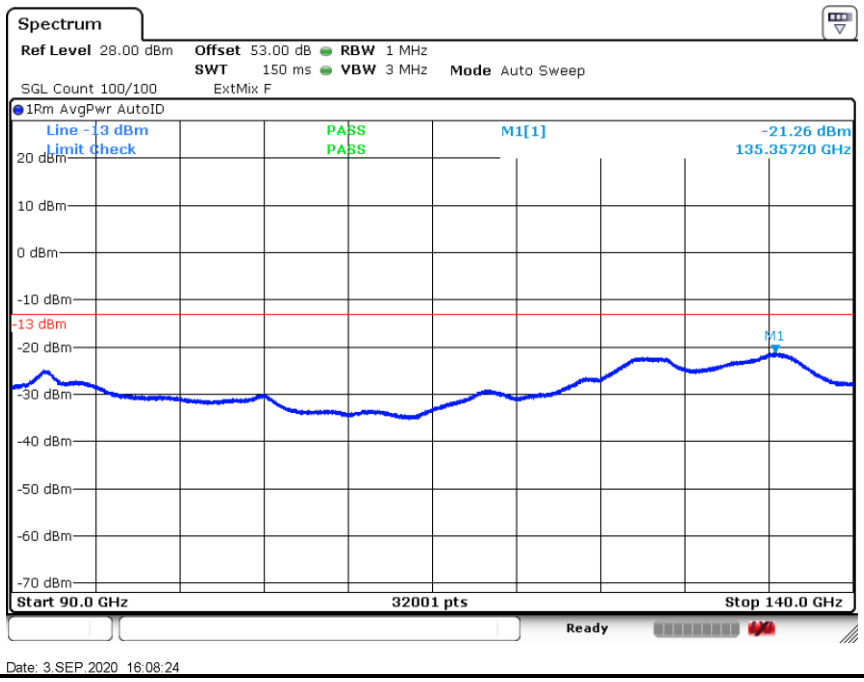
NR Band n260
(60GHz-90GHz)



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

= 45.4 + 2 + 107 + 20log(1) – 104.8 = 49.6 (dB)

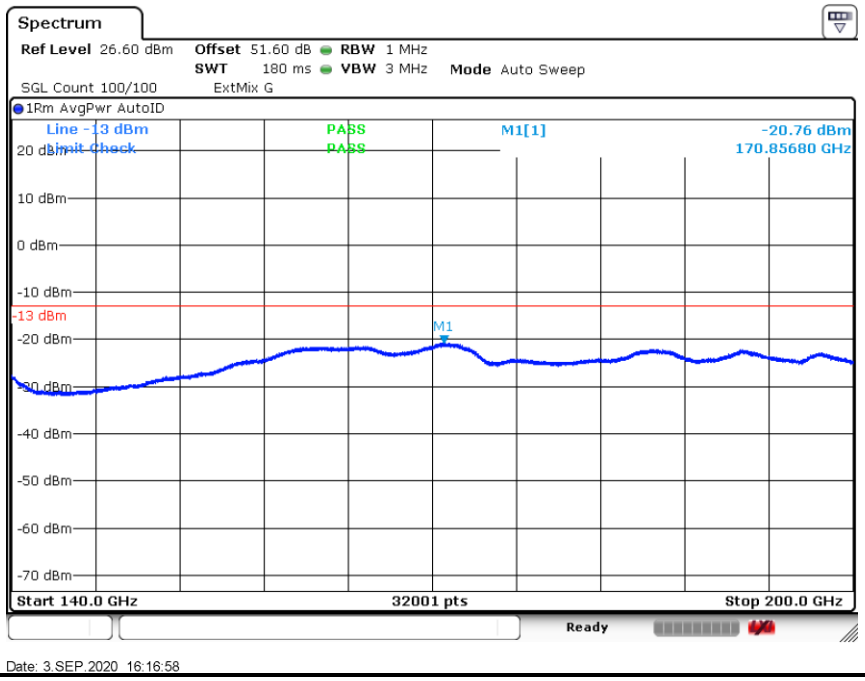
NR Band n260
(90GHz-140GHz)



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 n260 Module 2 AG1

Occupied Bandwidth

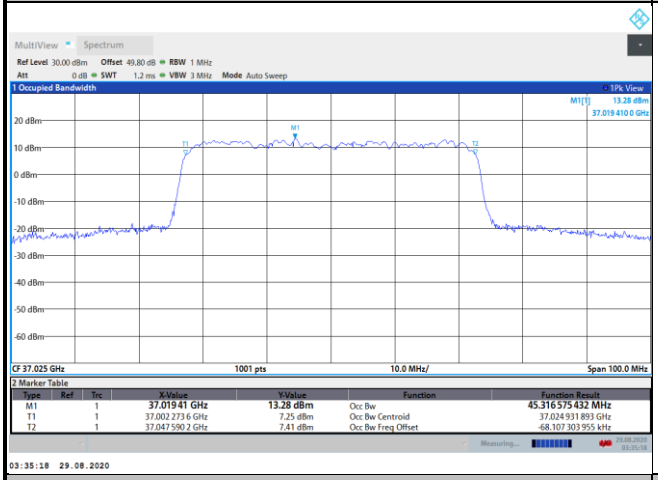
Mode	DFT-s-OFDM Module 2 NR Band n260 : 99%OBW(MHz)								
BW	50MHz			100MHz			400MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	45.31	-	-	90.63	-	-	387.54	-	-
Middle CH	45.19	45.38	45.19	90.72	90.44	90.46	387.45	387.08	381.82
Highest CH	45.26	-	-	90.63	-	-	389.86	-	-

Mode	CP-OFDM Module 2 NR Band n260 : 99%OBW(MHz)								
BW	50MHz			100MHz			400MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	45.45	-	-	92.68	-	-	387.04	-	-
Middle CH	45.27	45.14	45.28	92.97	92.89	93.36	388.17	382.70	389.40
Highest CH	45.41	-	-	92.78	-	-	394.56	-	-

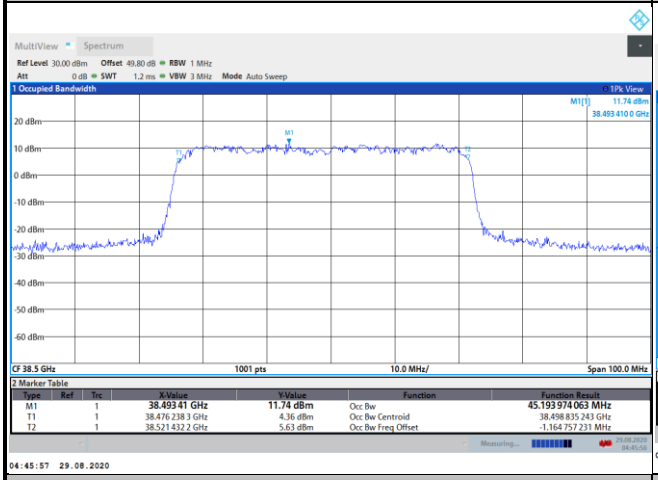
DFT-s-OFDM Module 2

NR Band n260

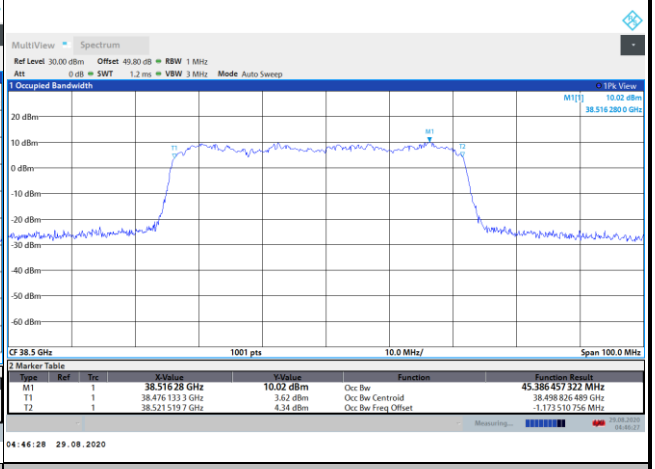
Lowest Channel / 50MHz / QPSK



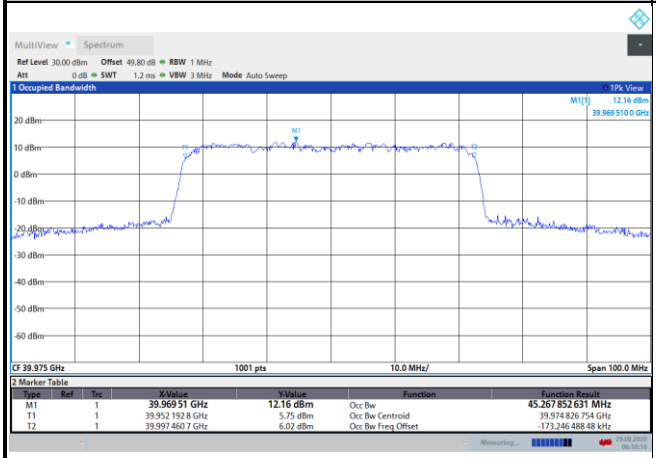
Middle Channel / 50MHz / QPSK



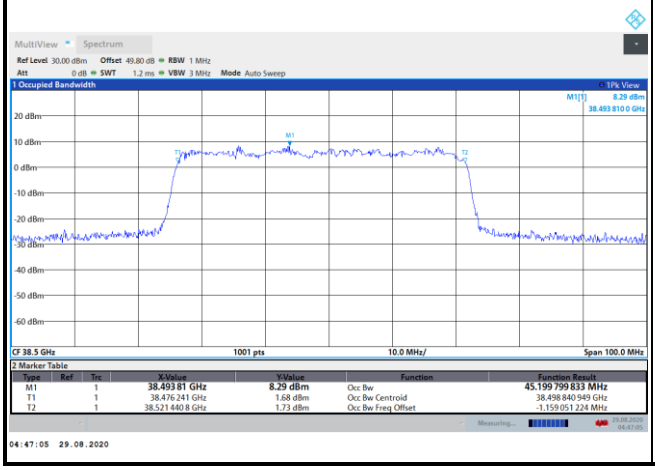
Middle Channel / 50MHz / 16QAM



Highest Channel / 50MHz / QPSK



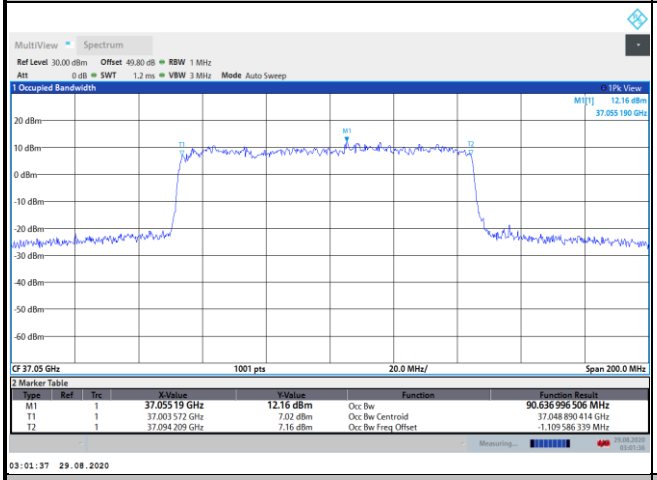
DFT-s-OFDM Module 2

NR Band n260	
Lowest Channel / 50MHz / 64QAM	
	

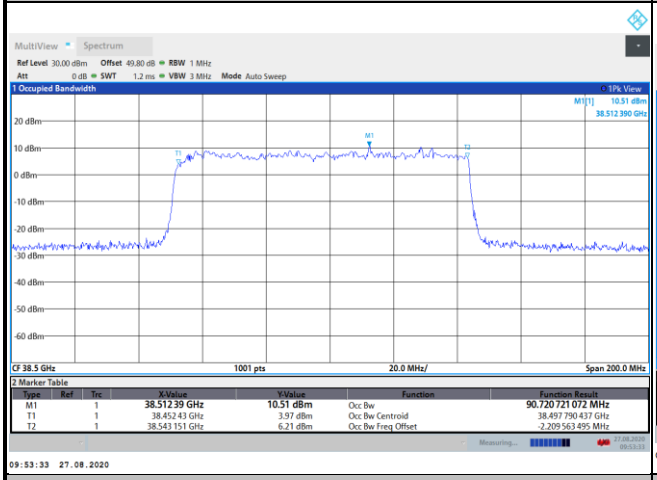
DFT-s-OFDM Module 2

NR Band n260

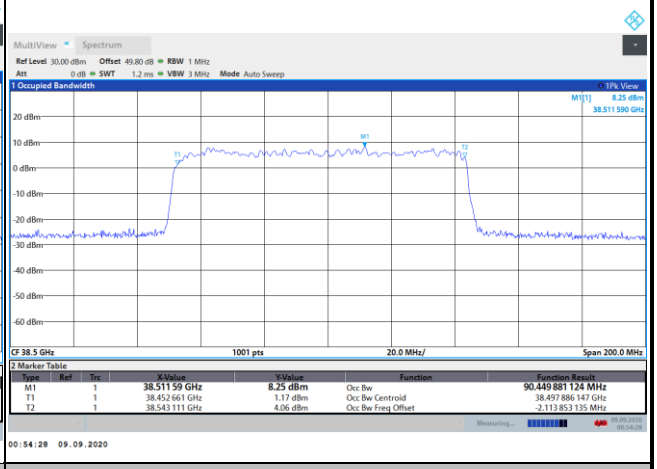
Lowest Channel / 100MHz / QPSK



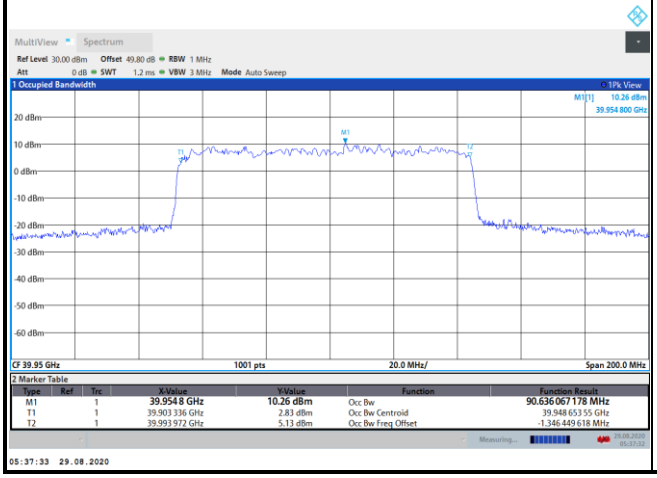
Middle Channel / 100MHz / QPSK



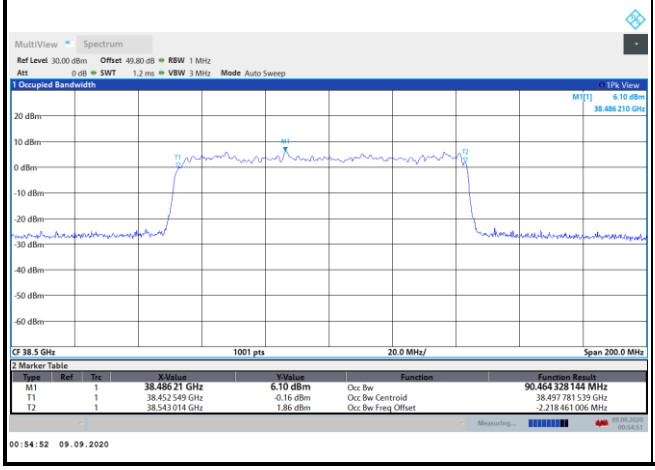
Middle Channel / 100MHz / 16QAM



Highest Channel / 100MHz / QPSK



DFT-s-OFDM Module 2

NR Band n260	
Lowest Channel / 100MHz / 64QAM	
	

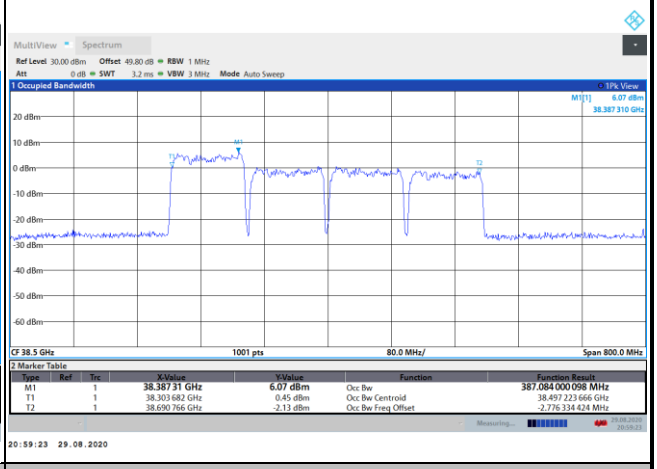
DFT-s-OFDM Module 2

NR Band n260

Lowest Channel / 400MHz / QPSK

Middle Channel / 400MHz / QPSK

Middle Channel / 400MHz / 16QAM

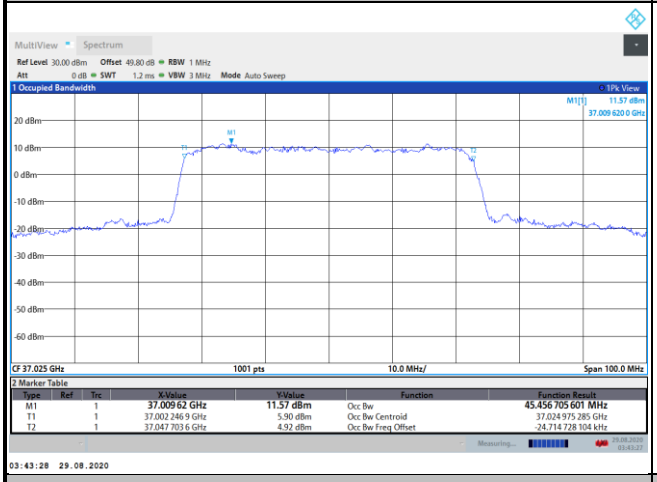
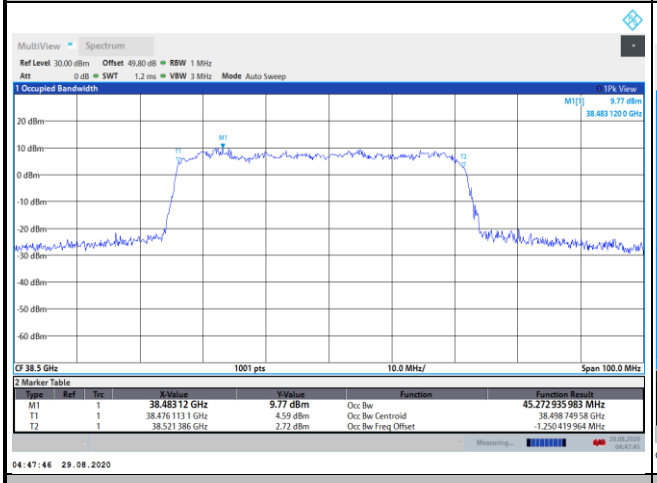
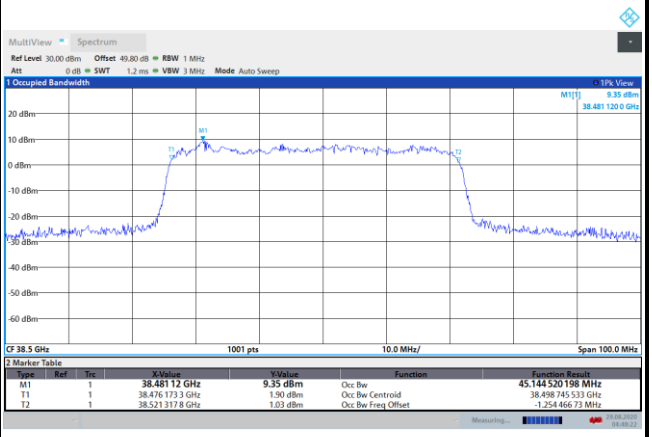
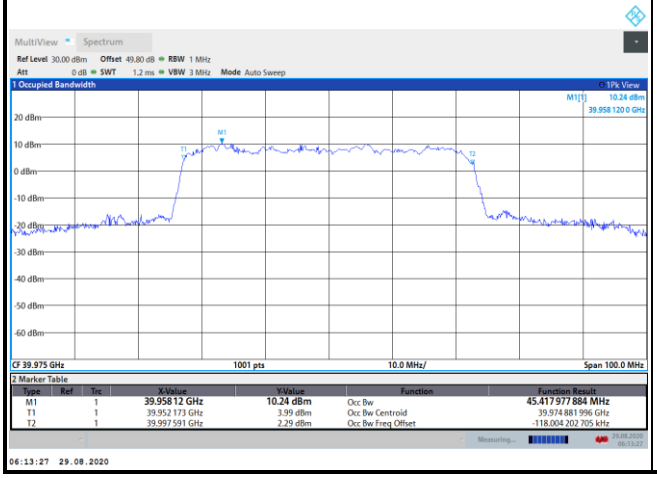


Highest Channel / 400MHz / QPSK

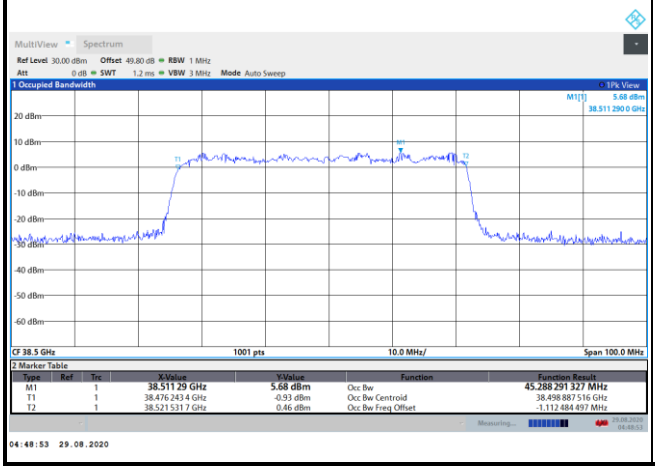
DFT-s-OFDM Module 2

NR Band n260	
Lowest Channel / 400MHz / 64QAM	
	

CP-OFDM Module 2

NR Band n260	
Lowest Channel / 50MHz / QPSK	
	
Middle Channel / 50MHz / QPSK	**Middle Channel / 50MHz / 16QAM**
	
Highest Channel / 50MHz / QPSK	
	

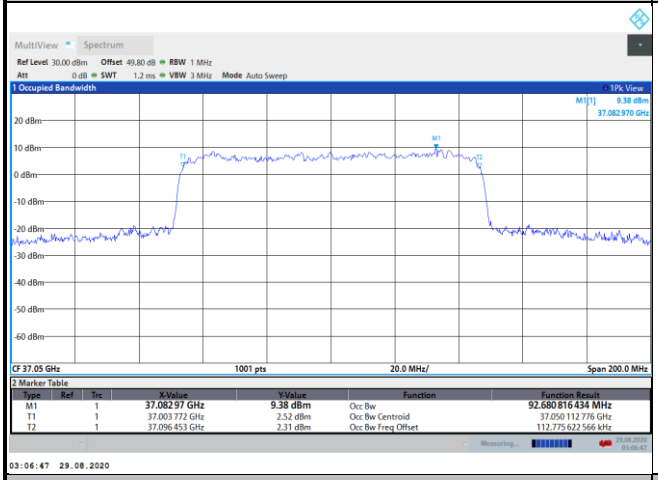
CP-OFDM Module 2

NR Band n260	
Lowest Channel / 50MHz / 64QAM	
	

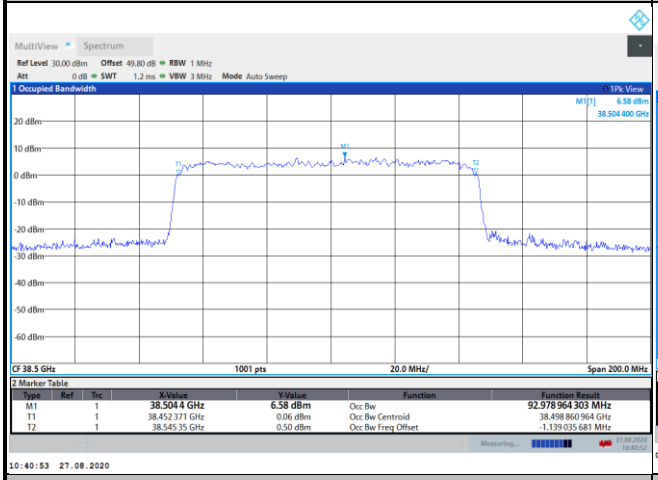
CP-OFDM Module 2

NR Band n260

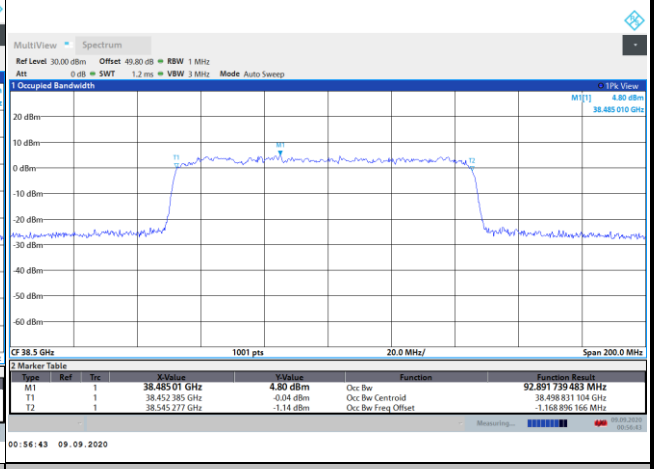
Lowest Channel / 100MHz / QPSK



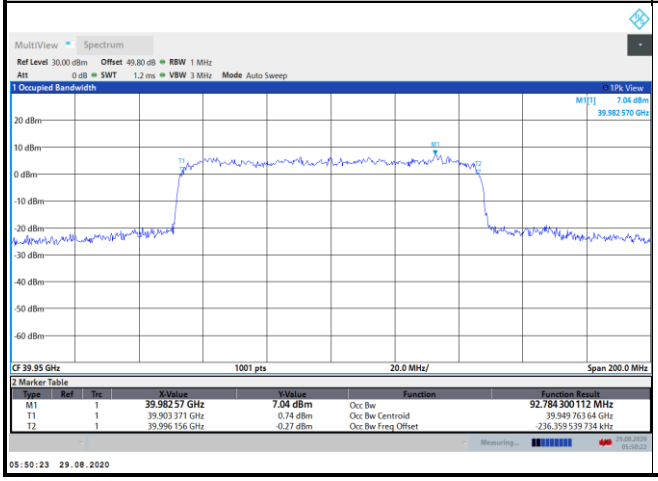
Middle Channel / 100MHz / QPSK



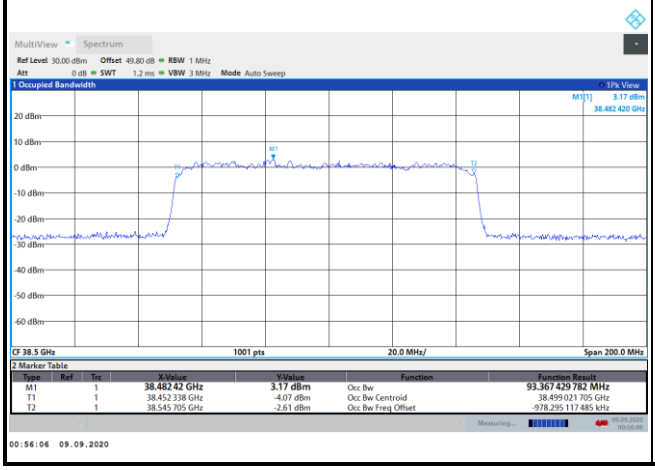
Middle Channel / 100MHz / 16QAM



Highest Channel / 100MHz / QPSK



CP-OFDM Module 2

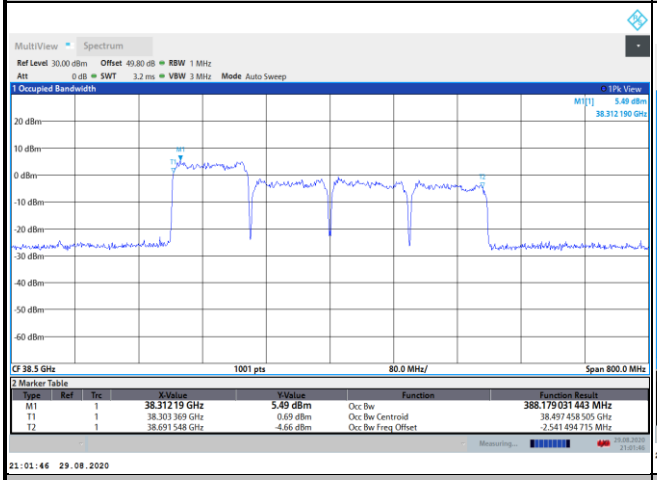
NR Band n260	
Lowest Channel / 100MHz / 64QAM	
	

CP-OFDM Module 2

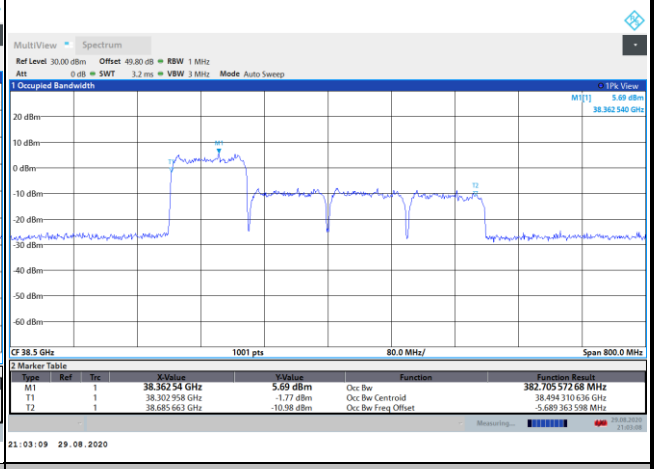
NR Band n260

Lowest Channel / 400MHz / QPSK

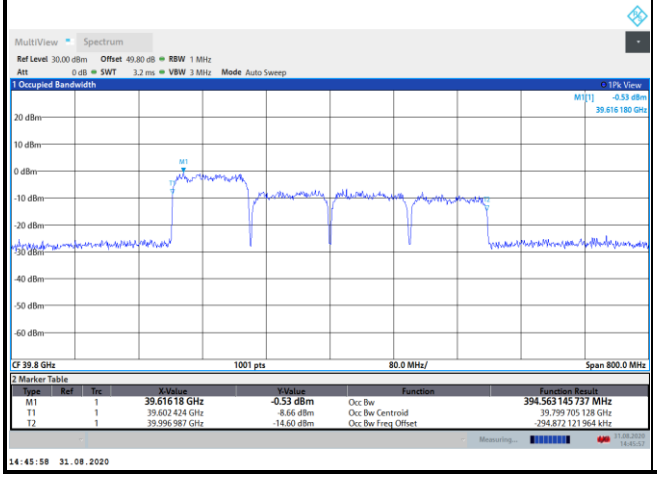
Middle Channel / 400MHz / QPSK



Middle Channel / 400MHz / 16QAM



Highest Channel / 400MHz / QPSK



CP-OFDM Module 2

NR Band n260	
Lowest Channel / 400MHz / 64QAM	
	

Radiated Out of Band Emissions

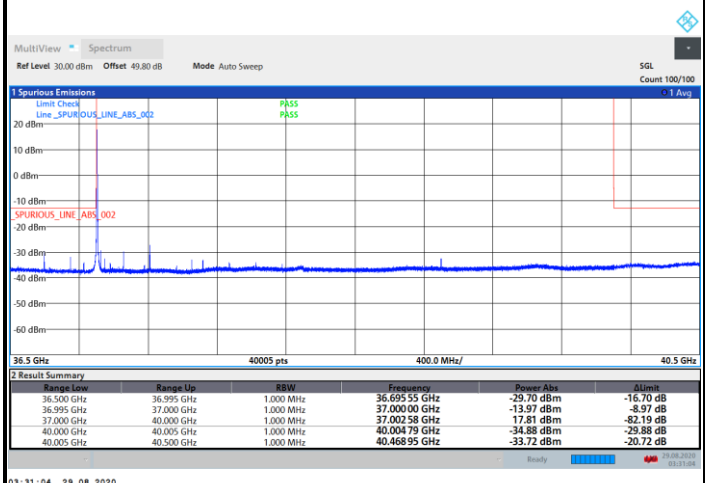
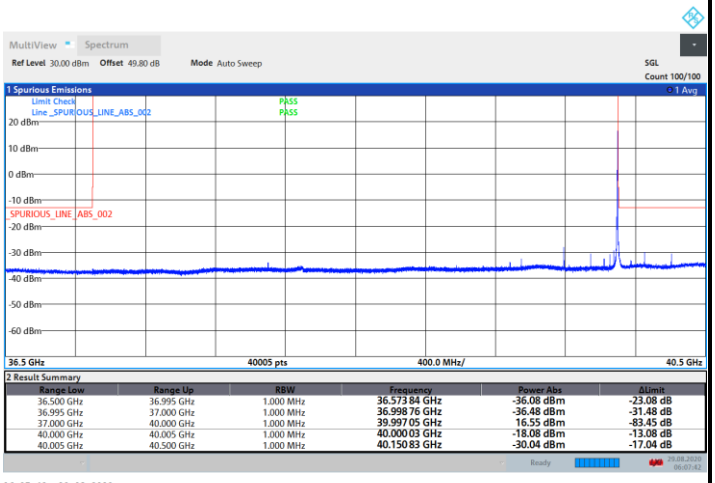
Mode			DFT-s-OFDM Module 2 NR Band n260 : BE (dBm) 1 RB		
BW			50MHz	100MHz	400MHz
Limit (dBm)			QPSK	QPSK	QPSK
Low CH	0~10%OB	≦-5	-13.97	-14.68	-19.59
	>10%OB	≦-13	-29.7	-28.74	-30.4
High CH	0~10%OB	≦-5	-18.08	-18.67	-32.73
	>10%OB	≦-13	-30.04	-30.4	-34.02
Result			Compliance		

Mode			CP-OFDM Module 2 NR Band n260 : BE (dBm) 1 RB		
BW			50MHz	100MHz	400MHz
Limit (dBm)			QPSK	QPSK	QPSK
Low CH	0~10%OB	≦-5	-15.27	-16.89	-20.07
	>10%OB	≦-13	-31.44	-30.22	-30.46
High CH	0~10%OB	≦-5	-19.6	-21.62	-32.84
	>10%OB	≦-13	-31.06	-32.08	-33.98
Result			Compliance		

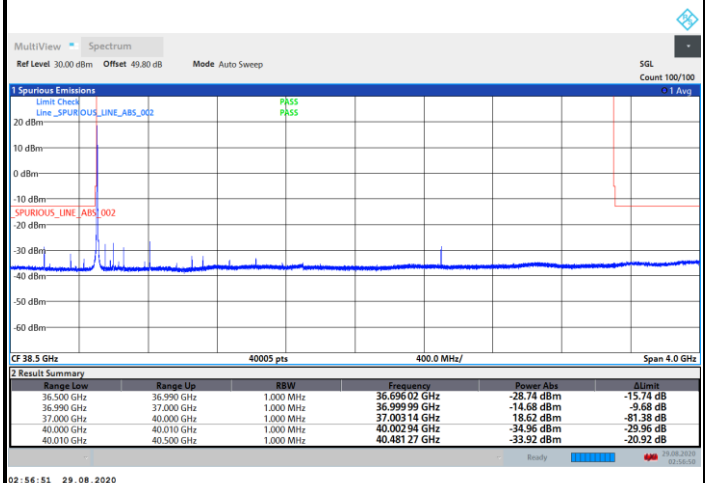
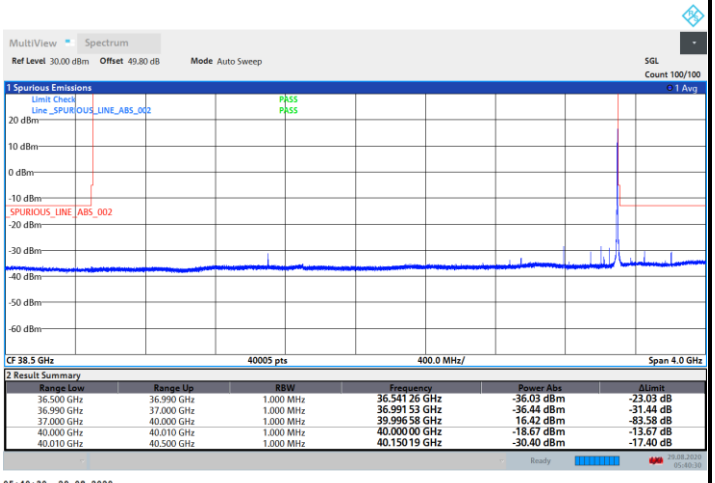
Mode			DFT-s-OFDM Module 2 NR Band n260 : BE (dBm) Full RB		
BW			50MHz	100MHz	400MHz
Limit (dBm)			QPSK	QPSK	QPSK
Low CH	0~10%OB	≦-5	-26.94	-29.23	-34.22
	>10%OB	≦-13	-28.97	-30.8	-34.83
High CH	0~10%OB	≦-5	-24.8	-28.08	-30.58
	>10%OB	≦-13	-25.46	-29.1	-30.64
Result			Compliance		

Mode			CP-OFDM Module 2 NR Band n260 : BE (dBm) Full RB		
BW			50MHz	100MHz	400MHz
Limit (dBm)			QPSK	QPSK	QPSK
Low CH	0~10%OB	≦-5	-26.94	-28.85	-34.68
	>10%OB	≦-13	-28.97	-30.33	-35.75
High CH	0~10%OB	≦-5	-25.45	-28.79	-33.99
	>10%OB	≦-13	-27.36	-30.09	-33.51
Result			Compliance		

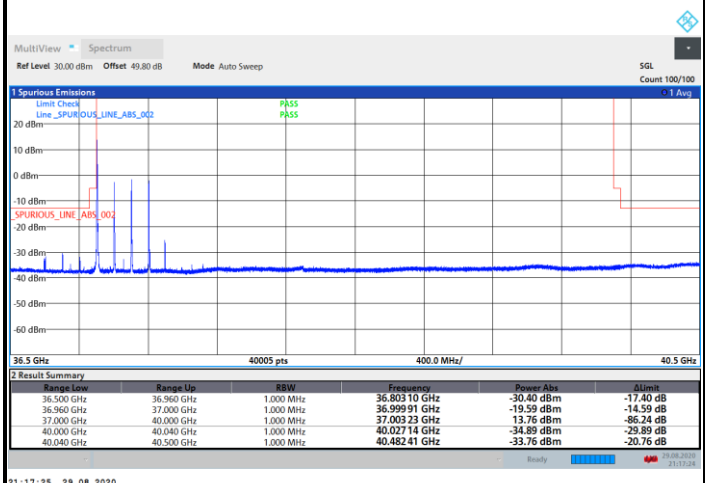
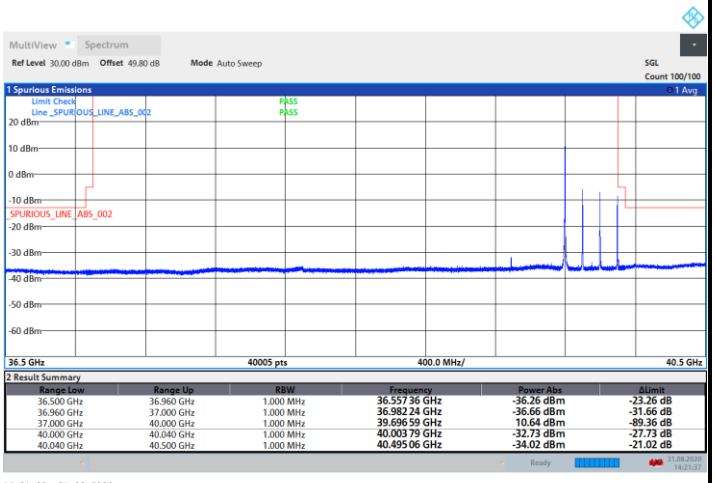
DFT-s-OFDM Module 2

NR Band n260 / 50MHz / QPSK	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	

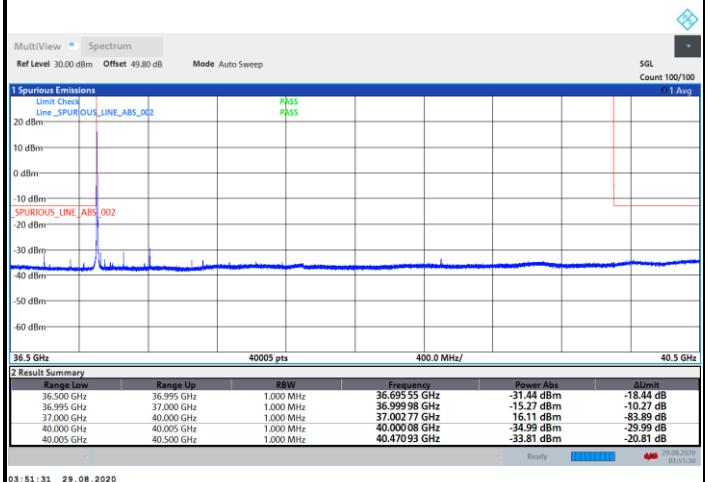
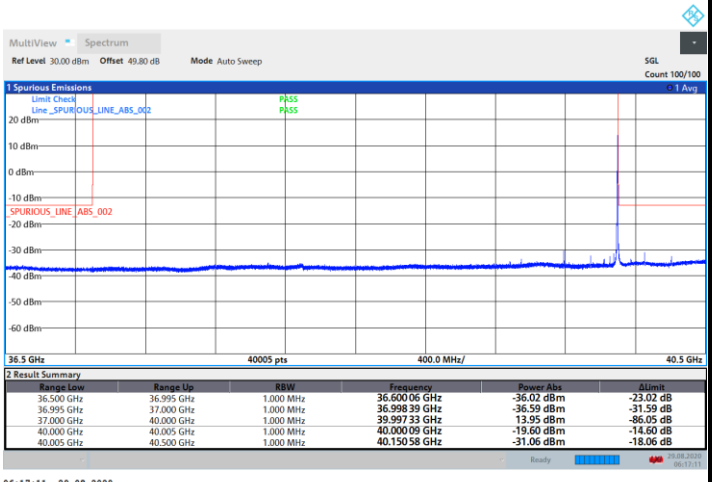
DFT-s-OFDM Module 2

NR Band n260 / 100MHz / QPSK	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	

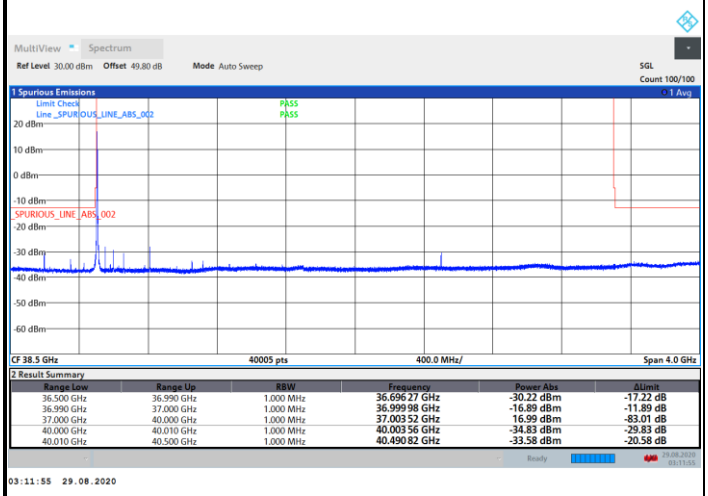
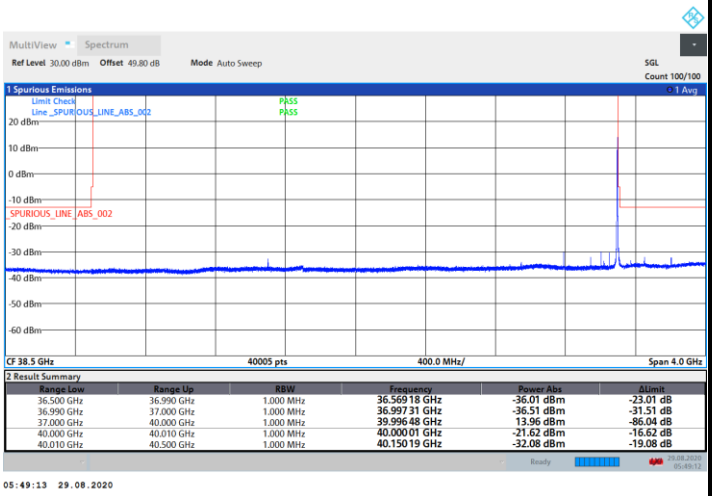
DFT-s-OFDM Module 2

NR Band n260 / 400MHz / QPSK	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	

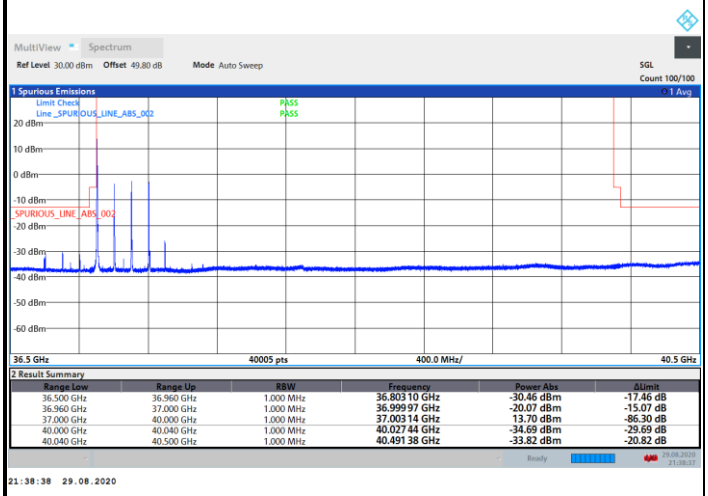
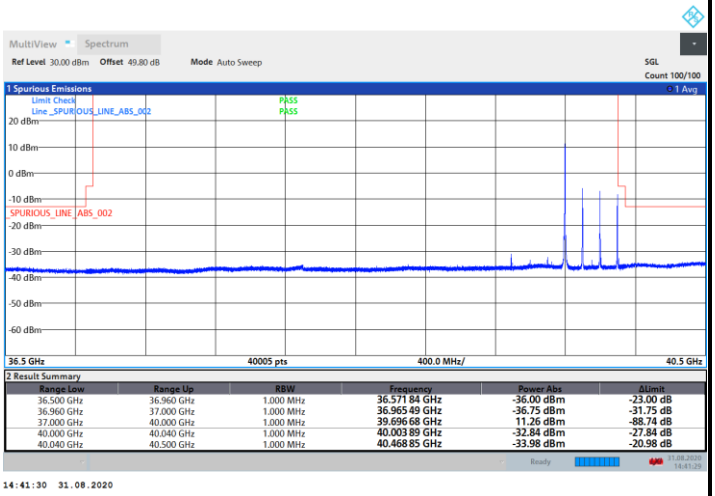
CP-OFDM Module 2

NR Band n260 / 50MHz / QPSK	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	

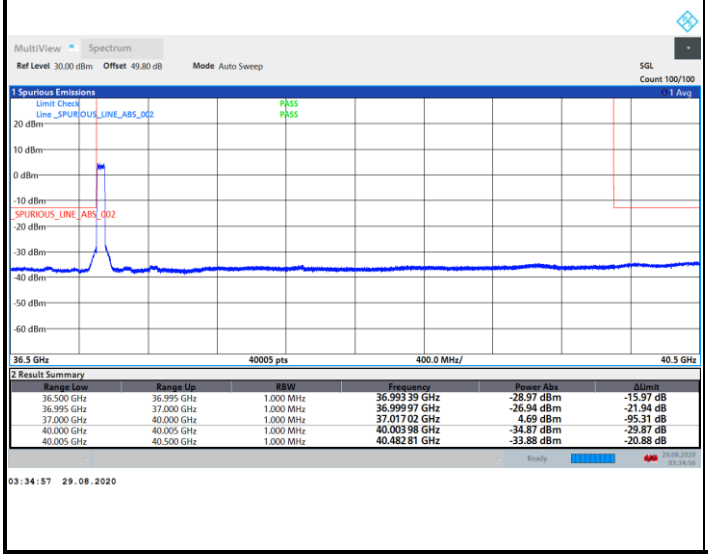
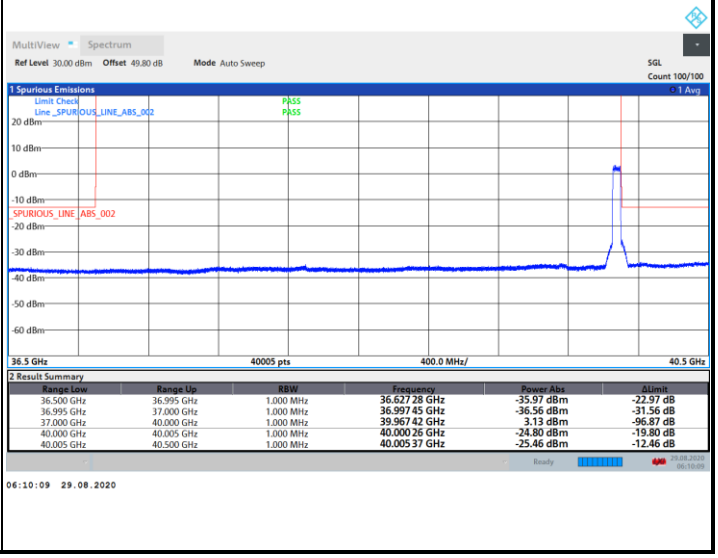
CP-OFDM Module 2

NR Band n260 / 100MHz / QPSK	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	

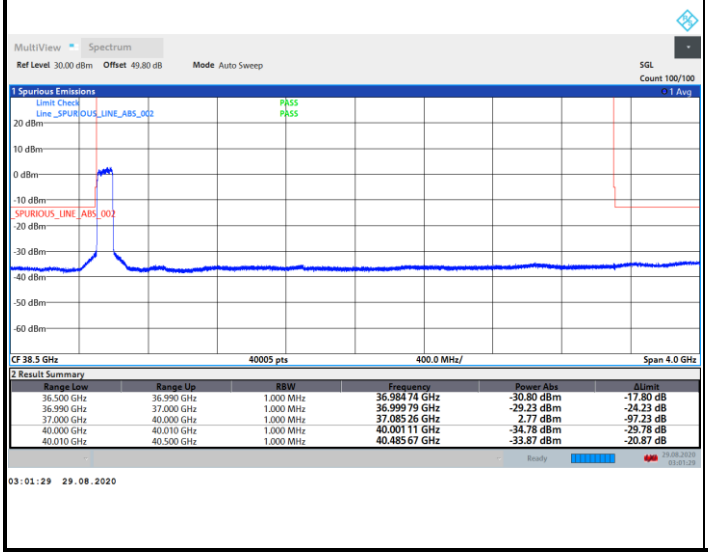
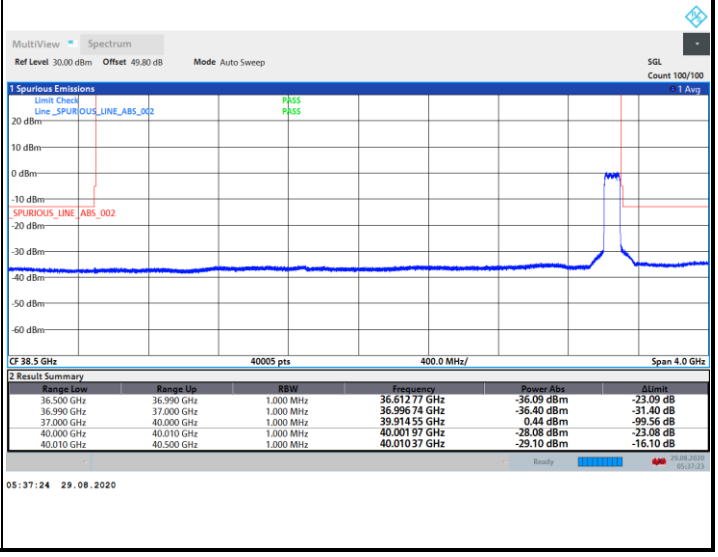
CP-OFDM Module 2

NR Band n260 / 400MHz / QPSK	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	

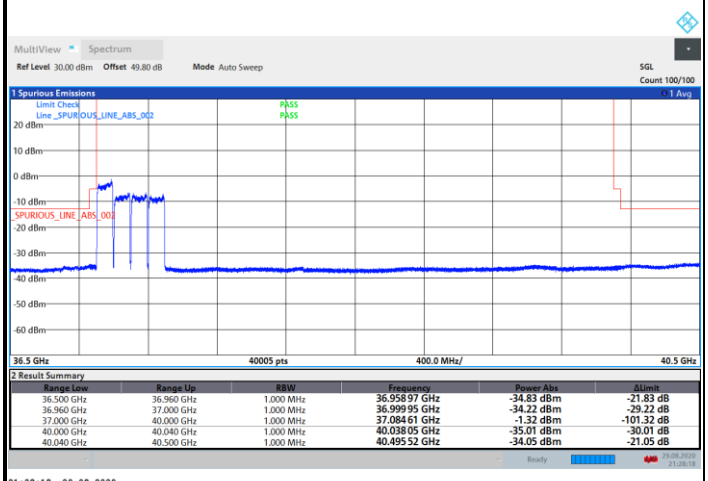
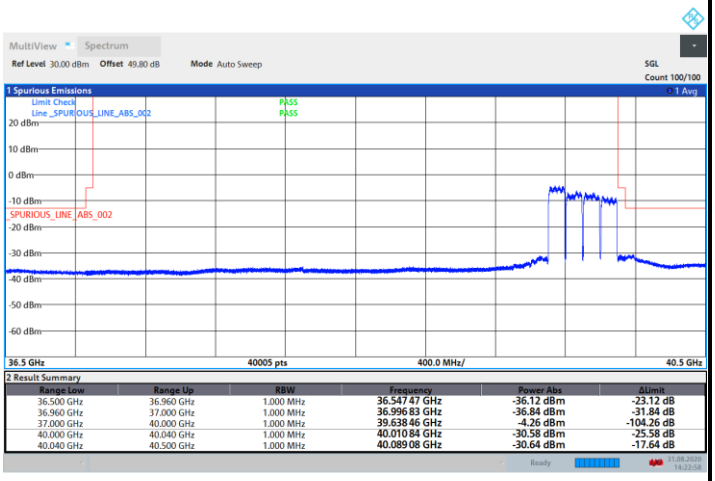
DFT-s-OFDM Module 2

NR Band n260 / 50MHz / QPSK	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

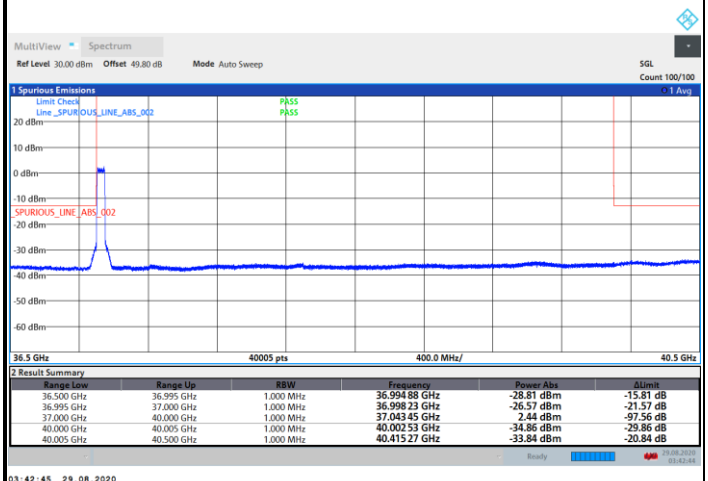
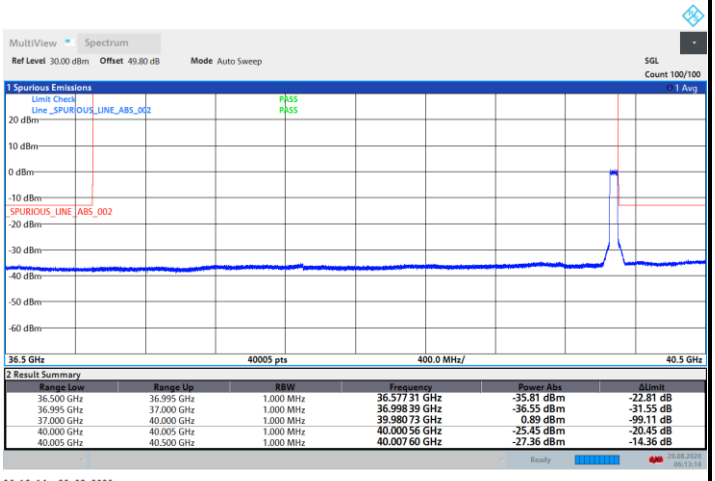
DFT-s-OFDM Module 2

NR Band n260 / 100MHz / QPSK	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

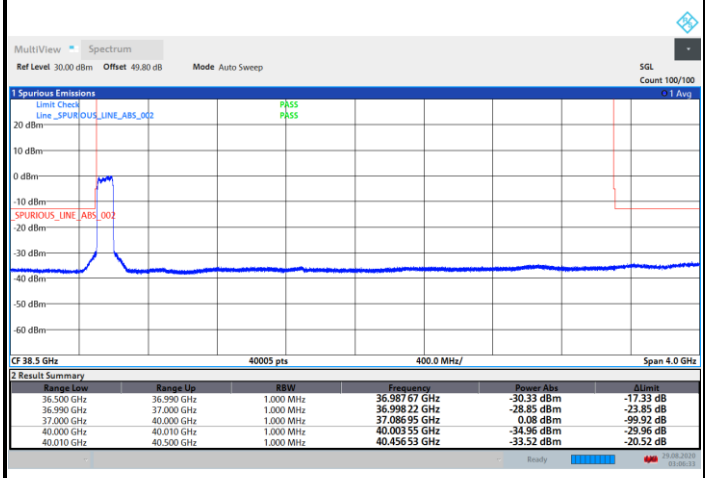
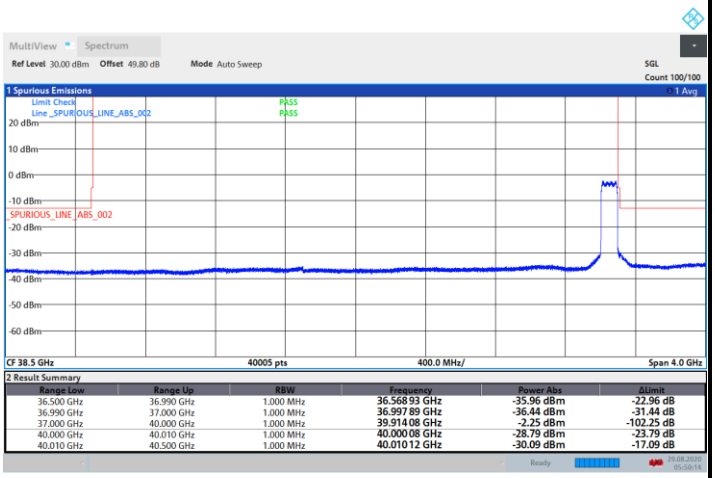
DFT-s-OFDM Module 2

NR Band n260 / 400MHz / QPSK	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

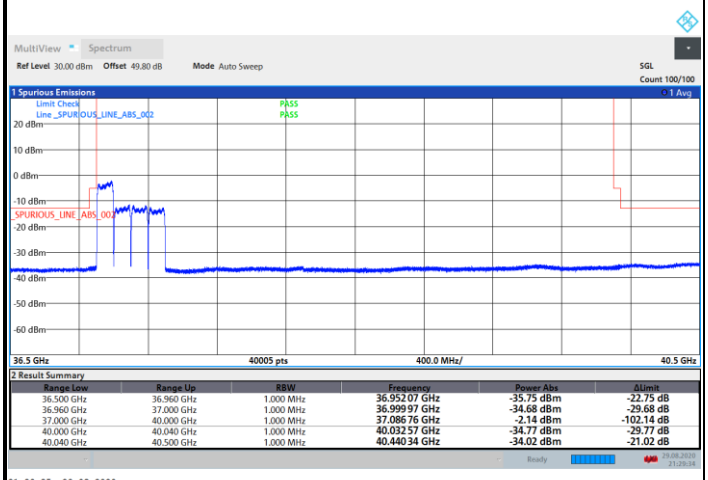
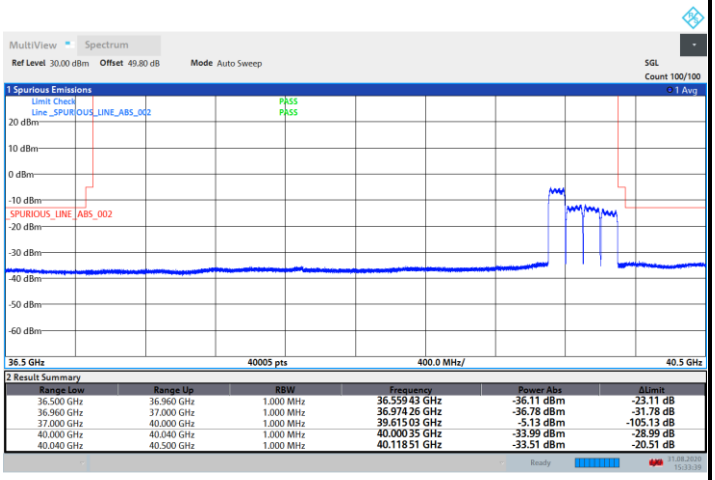
CP-OFDM Module 2

NR Band n260 / 50MHz / QPSK	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

CP-OFDM Module 2

NR Band n260 / 100MHz / QPSK	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

CP-OFDM Module 2

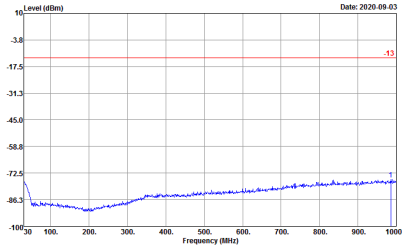
NR Band n260 / 400MHz / QPSK	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

Spurious Emission

There is no significant spurious emission signal found for frequency started from 30MHz up to 18GHz.

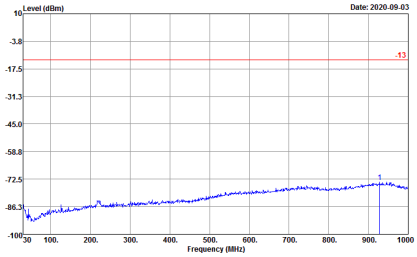
Only the noise floor is reported.

NR Band n260 (30MHz-1GHz)	
Horizontal	**Vertical**



Site : 03CH10-HY
Condition : -13 EIRP_WO HORIZONTAL
Project : 060302
: n260 Module 2

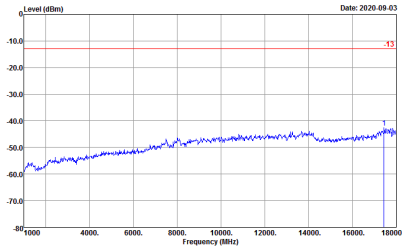
	Freq	Level	Over Limit	Limit Line
	MHz	dBm	dB	dBm
1	985.45	-75.90	-62.90	-13.00



Site : 03CH10-HY
Condition : -13 EIRP_WO VERTICAL
Project : 060302
: n260 Module 2

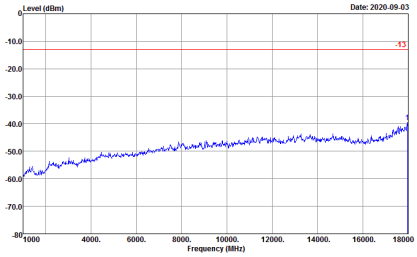
	Freq	Level	Over Limit	Limit Line
	MHz	dBm	dB	dBm
1	928.22	-74.01	-61.01	-13.00

NR Band n260 (1GHz-18GHz)	
Horizontal	**Vertical**



Site : 03CH10-HY
Condition : -13 EIRP_WO HORIZONTAL
Project : 060302
: n260 Module 2

	Freq	Level	Over Limit	Limit Line
	MHz	dBm	dB	dBm
1	17439.00	-42.59	-29.59	-13.00

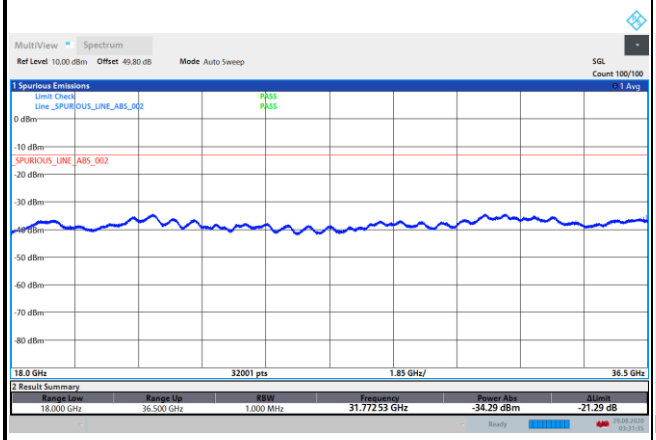
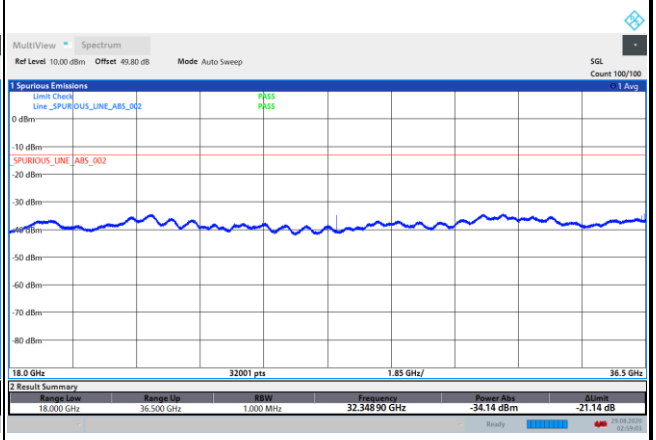
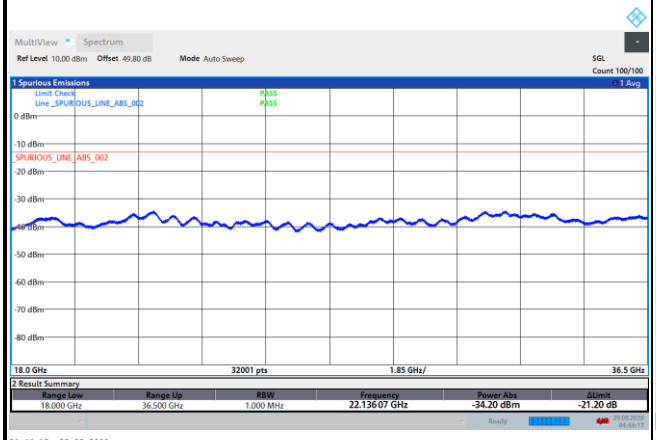
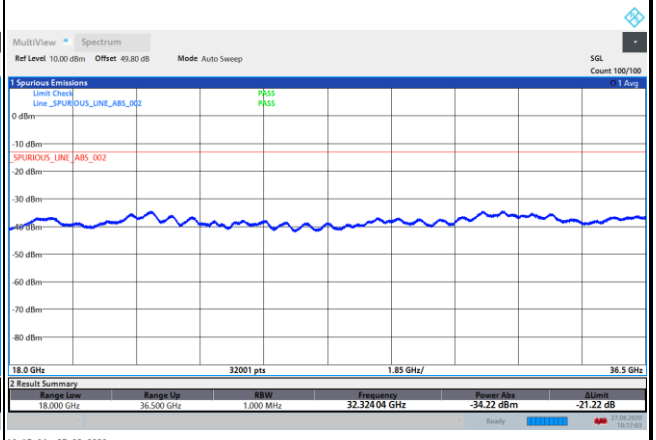
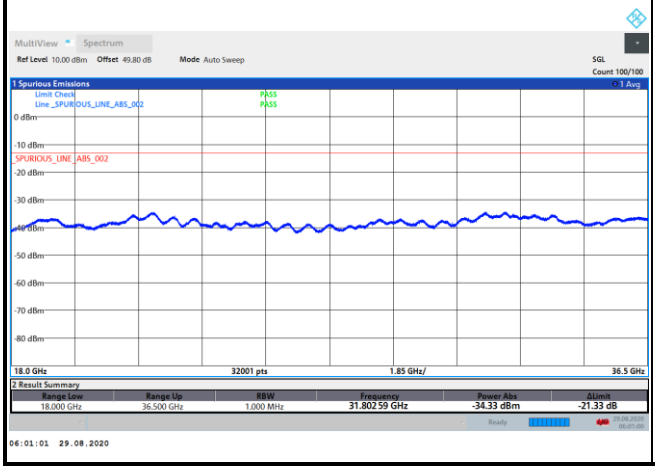
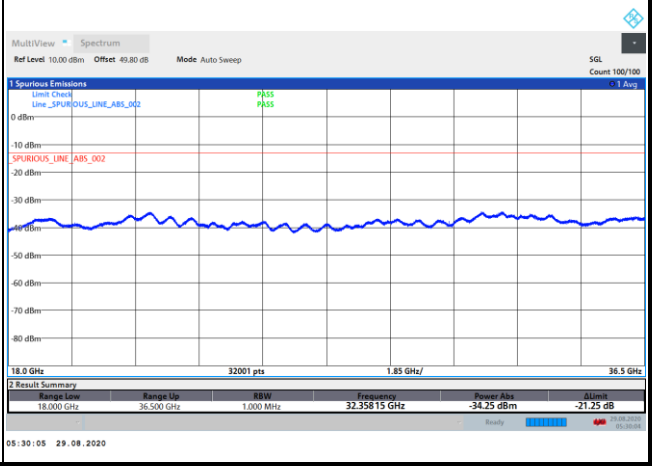


Site : 03CH10-HY
Condition : -13 EIRP_WO VERTICAL
Project : 060302
: n260 Module 2

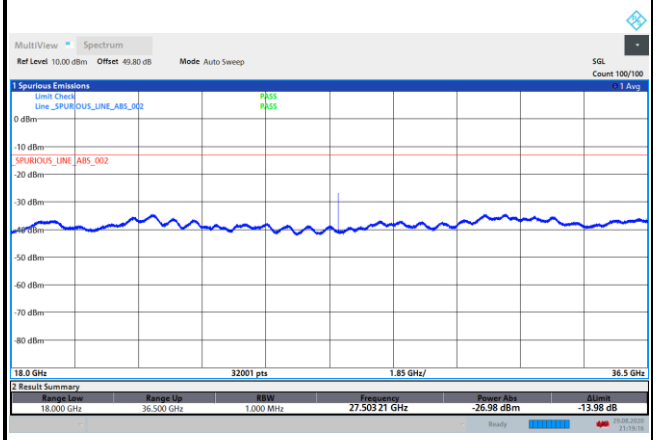
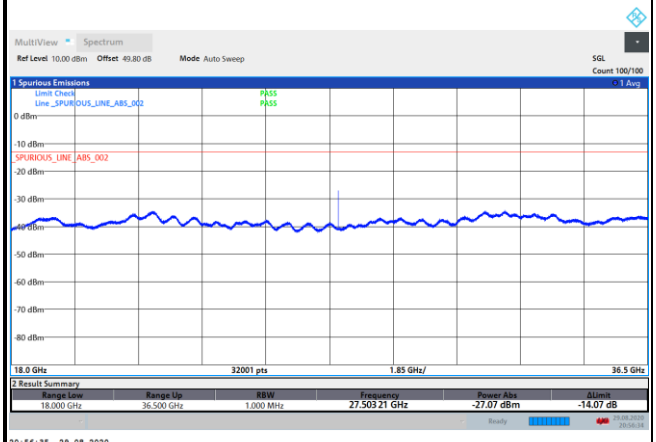
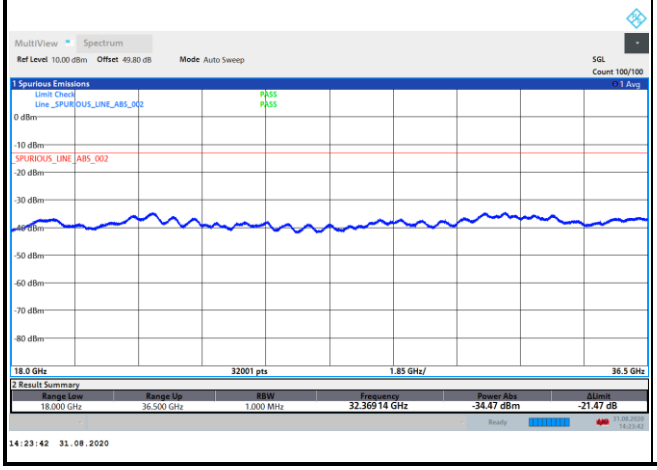
	Freq	Level	Over Limit	Limit Line
	MHz	dBm	dB	dBm
1	17966.00	-39.37	-26.37	-13.00

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

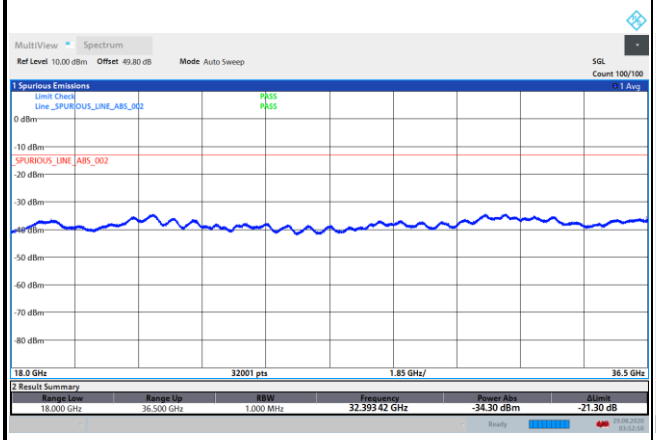
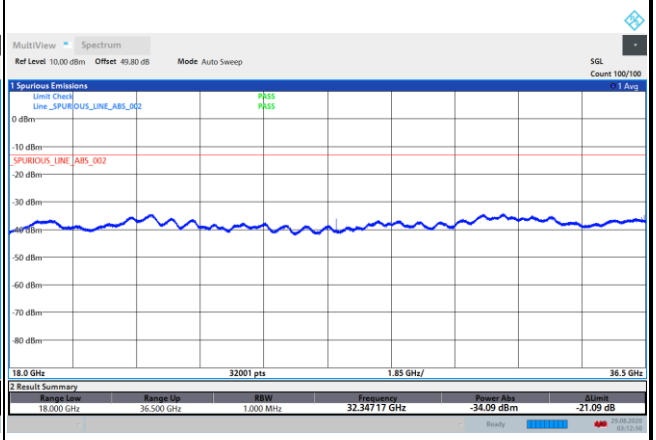
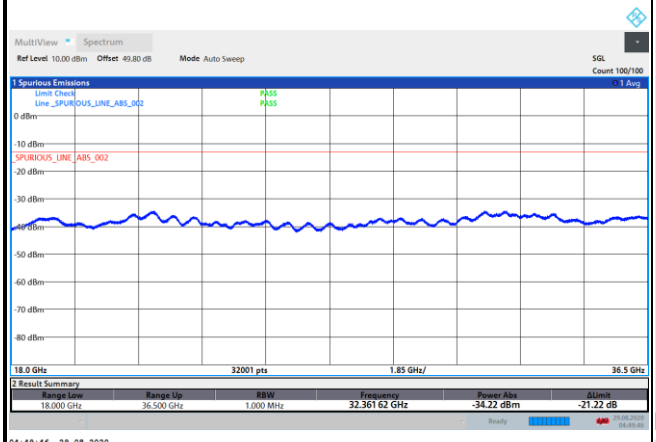
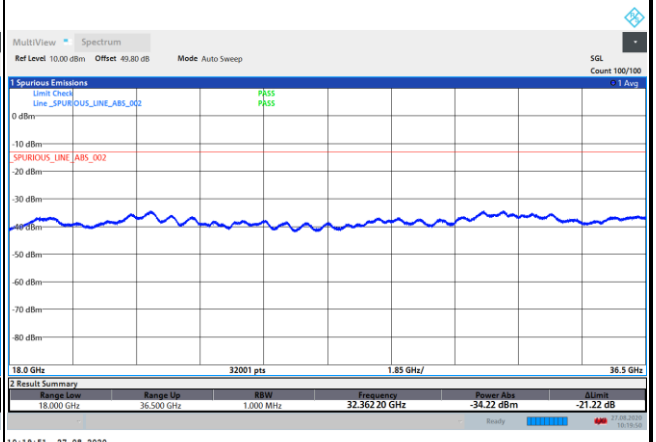
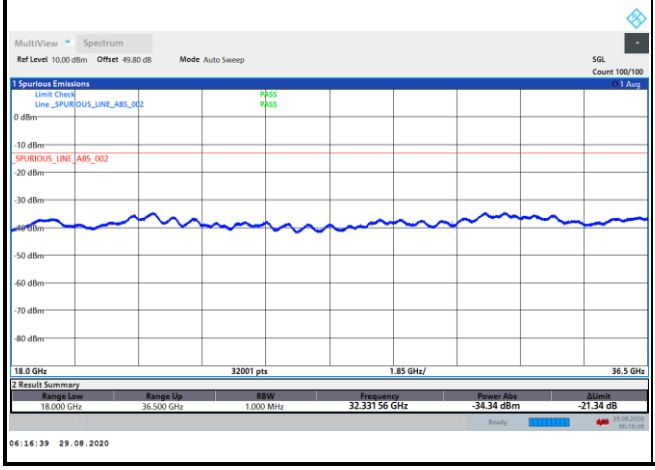
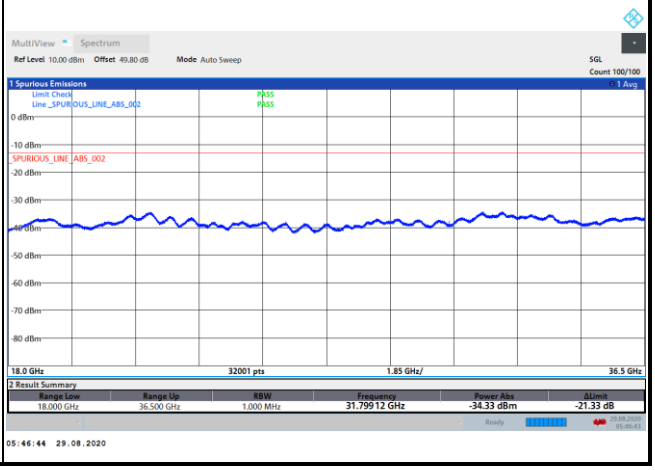
DFT-s-OFDM Module 2

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

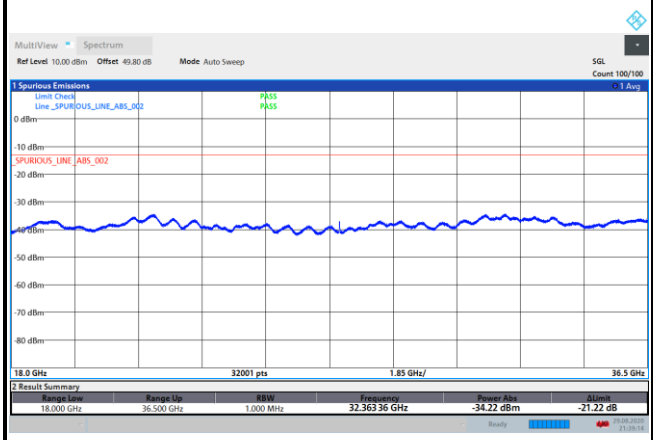
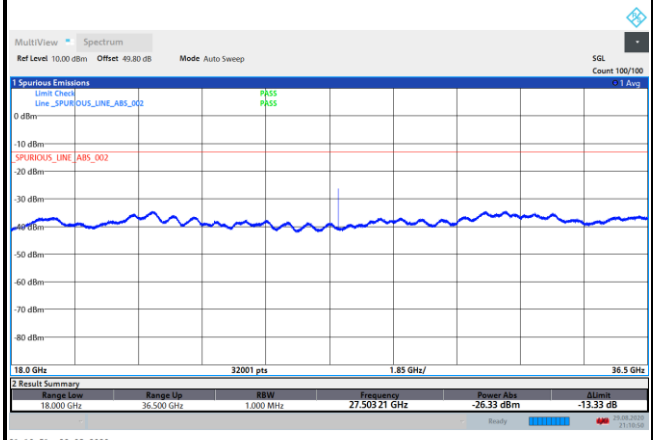
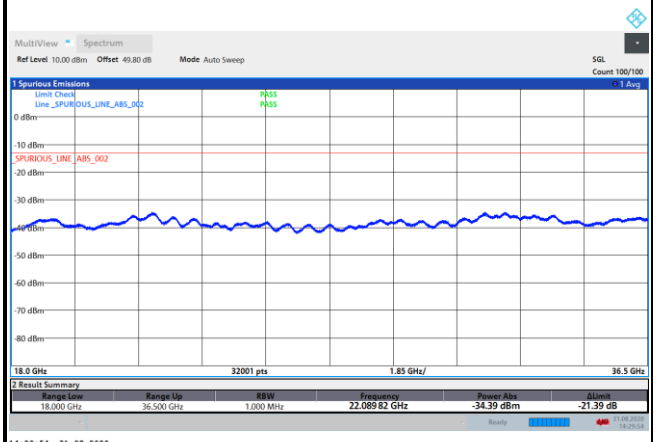
DFT-s-OFDM Module 2

NR Band n260 QPSK (18-40GHz)	
Lowest Channel / 400MHz	
	**intentionally blank**
Middle Channel / 400MHz	
	**intentionally blank**
Highest Channel / 400MHz	
	**intentionally blank**

CP-OFDM Module 2

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

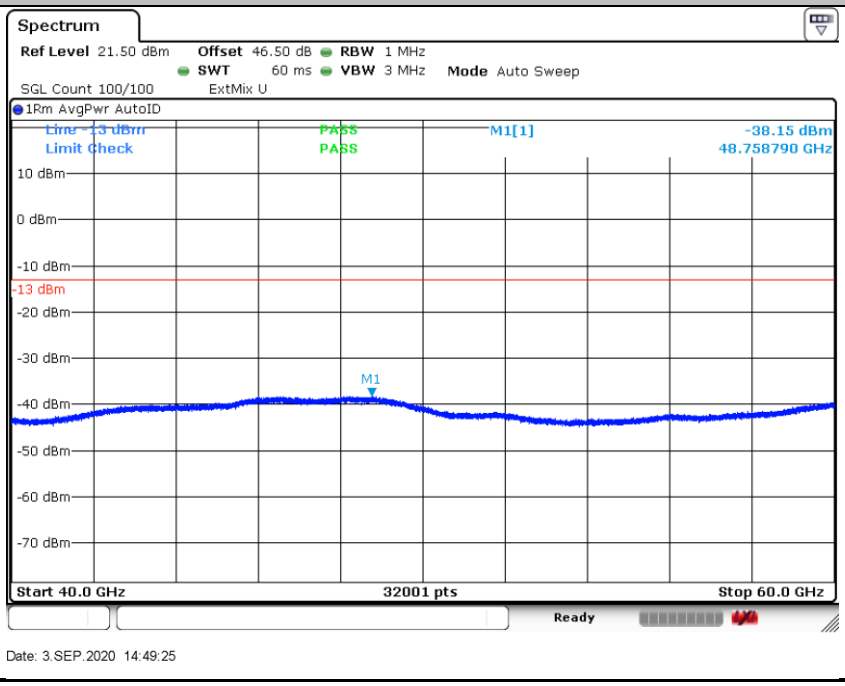
CP-OFDM Module 2

NR Band n260 QPSK (18-40GHz)	
Lowest Channel / 400MHz	
	**intentionally blank**
Middle Channel / 400MHz	
	**intentionally blank**
Highest Channel / 400MHz	
	**intentionally blank**

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

Only the noise floor is reported.

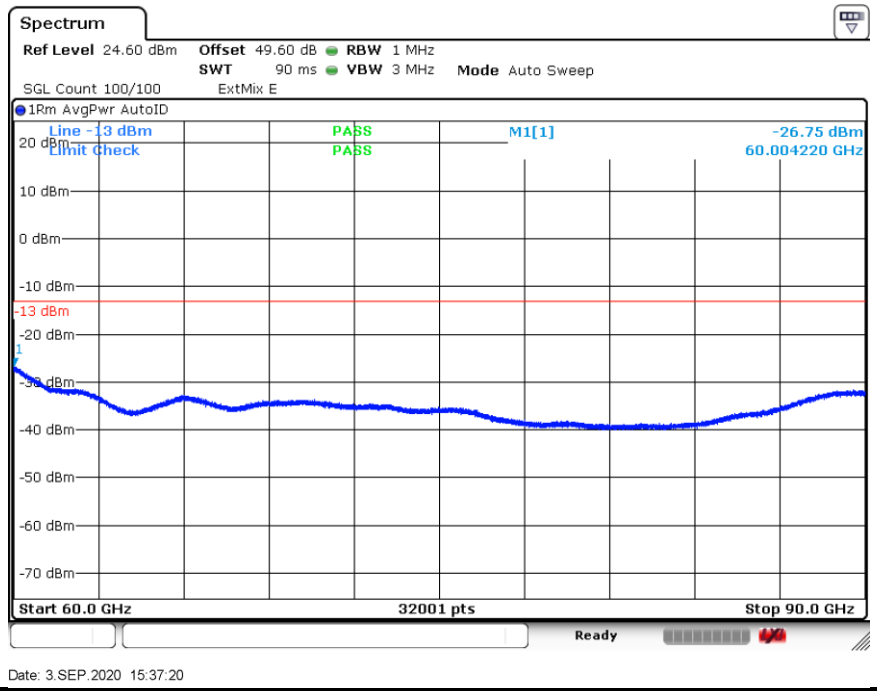
NR Band n260
(40GHz-60GHz)



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)

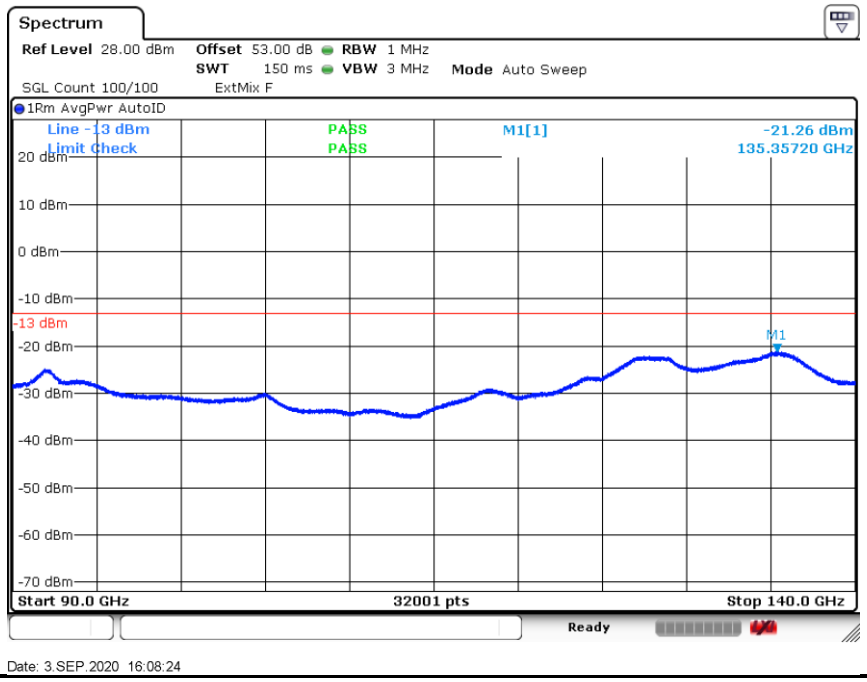
NR Band n260
(60GHz-90GHz)



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

= 45.4 + 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)