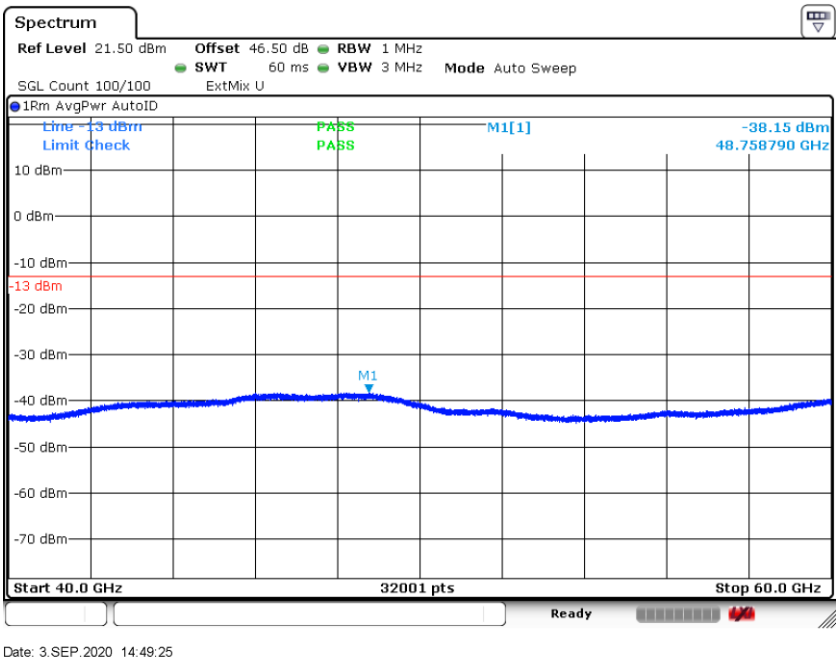
There is no significant spurious emission signal found for frequency started from 40GHz up to 200GHz.

Only the noise floor is reported.

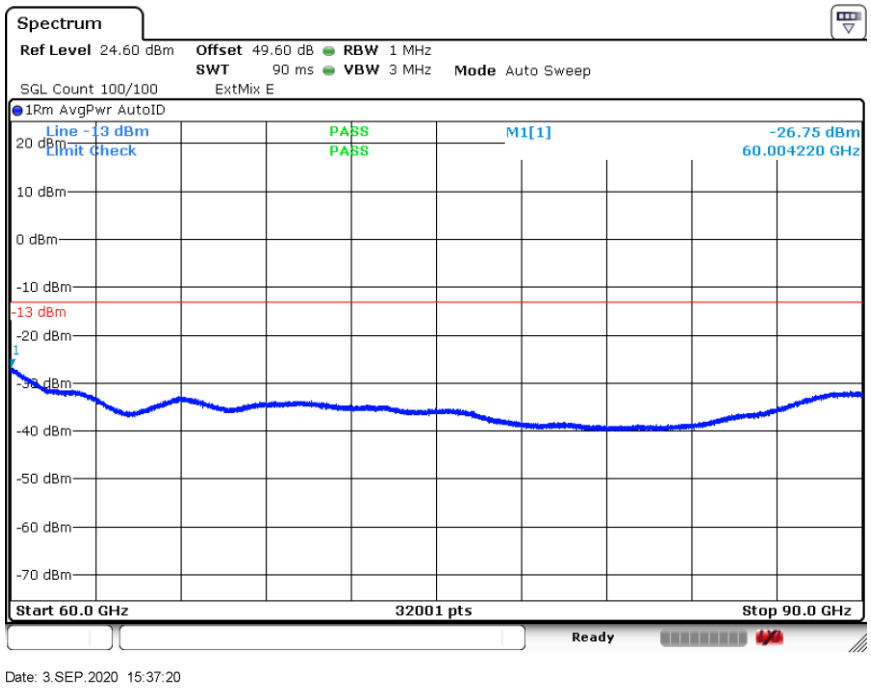
NR Band n260
(40GHz-60GHz)



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)

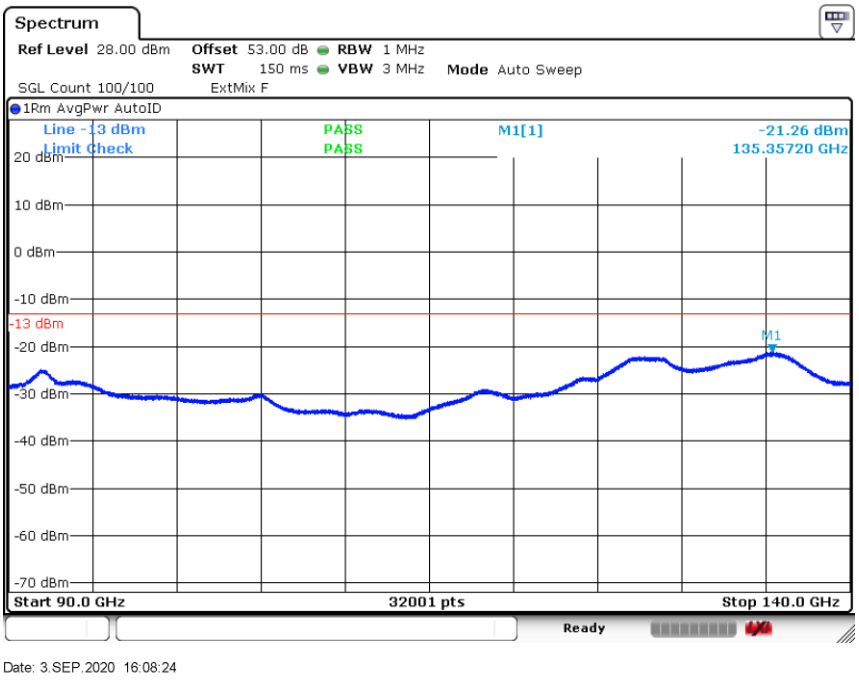
NR Band n260
(60GHz-90GHz)



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

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

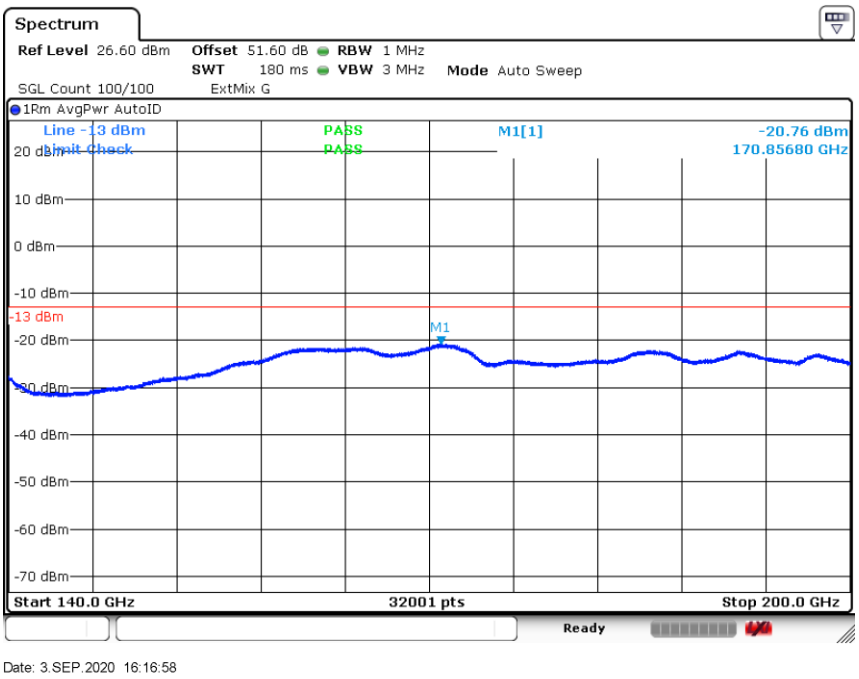
NR Band n260
(90GHz-140GHz)



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 0 AG1

Occupied Bandwidth

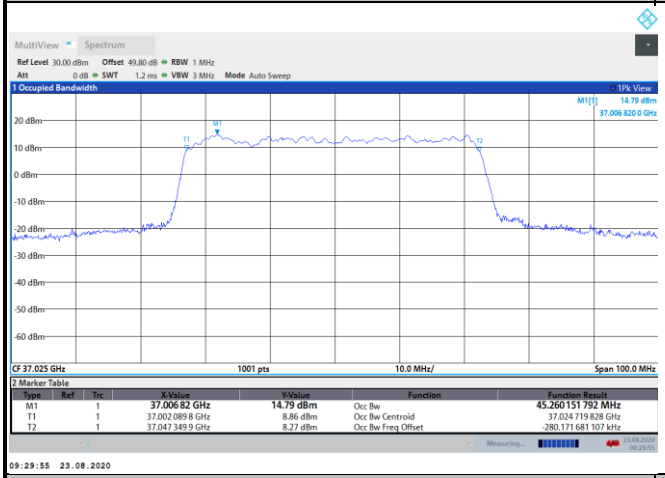
Mode	DFT-s-OFDM Module 0 NR Band n260 : 99%OBW(MHz)								
BW	50MHz			100MHz			400MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	45.26	-	-	90.70	-	-	387.47	-	-
Middle CH	45.52	45.06	45.23	90.86	90.68	90.52	386.18	385.79	376.34
Highest CH	45.32	-	-	90.82	-	-	386.70	-	-

Mode	CP-OFDM Module 0 NR Band n260 : 99%OBW(MHz)								
BW	50MHz			100MHz			400MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	45.37	-	-	92.83	-	-	388.51	-	-
Middle CH	45.40	45.26	45.25	93.08	92.92	92.72	386.13	378.64	385.38
Highest CH	45.30	-	-	92.93	-	-	387.18	-	-

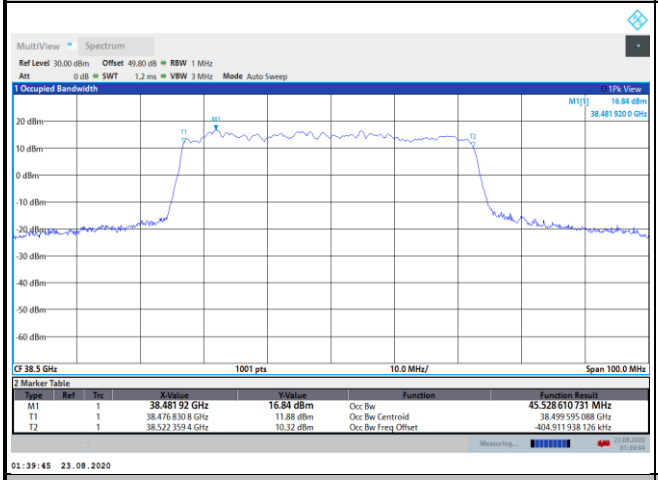
DFT-s-OFDM Module 0

NR Band n260

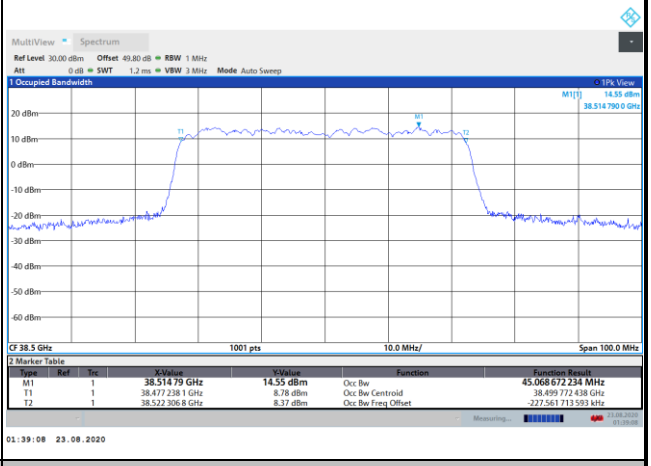
Lowest Channel / 50MHz / QPSK



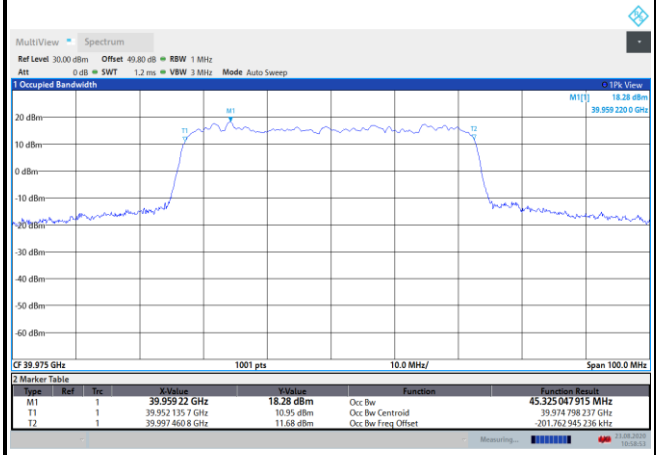
Middle Channel / 50MHz / QPSK



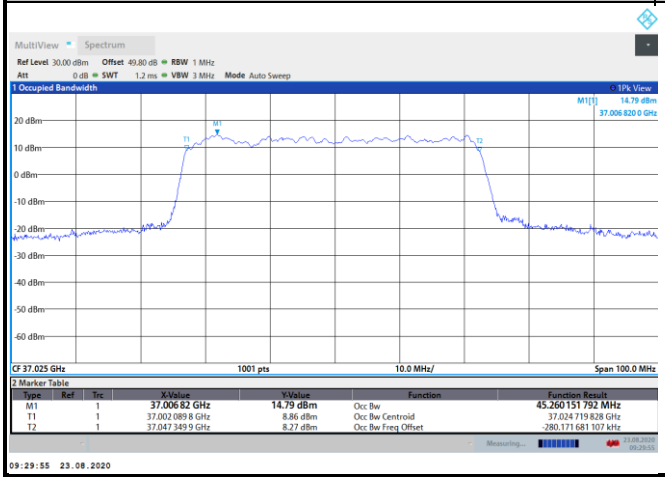
Middle Channel / 50MHz / 16QAM



Highest Channel / 50MHz / QPSK



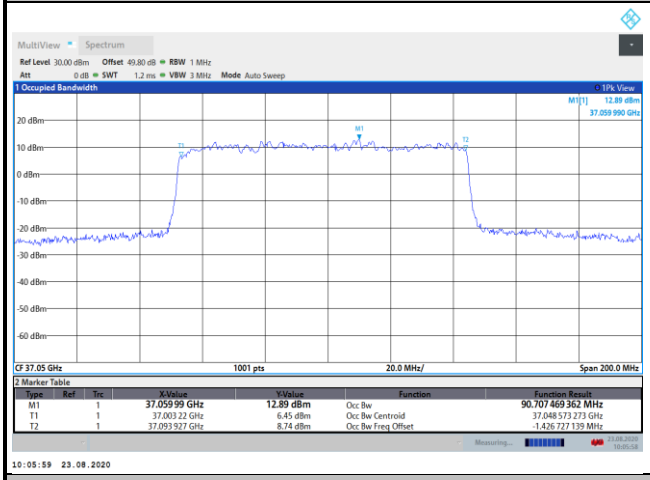
DFT-s-OFDM Module 0

NR Band n260	
Middle Channel / 50MHz / 64QAM	
	

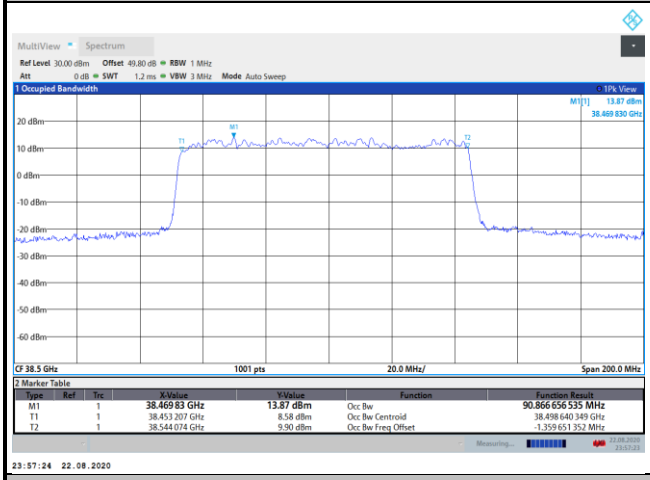
DFT-s-OFDM Module 0

NR Band n260

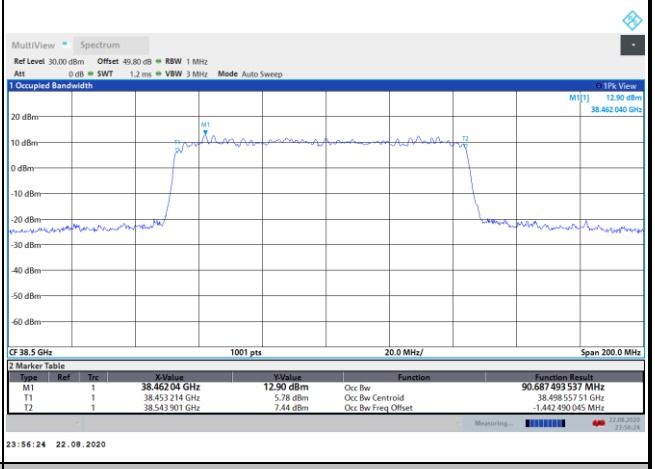
Lowest Channel / 100MHz / QPSK



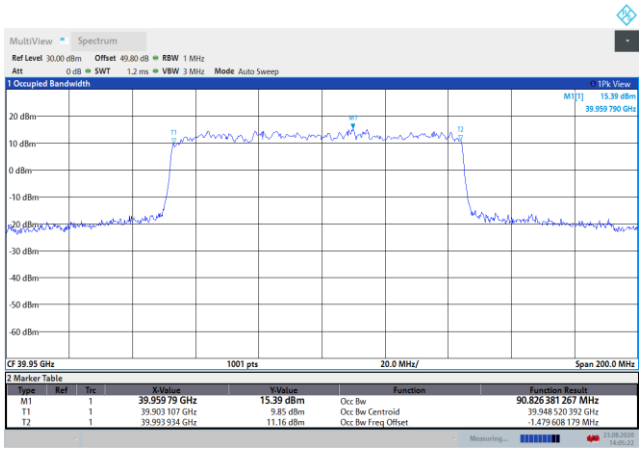
Middle Channel / 100MHz / QPSK



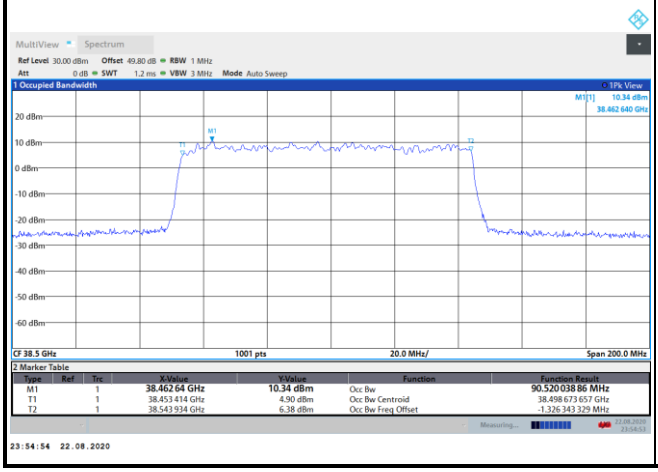
Middle Channel / 100MHz / 16QAM



Highest Channel / 100MHz / QPSK



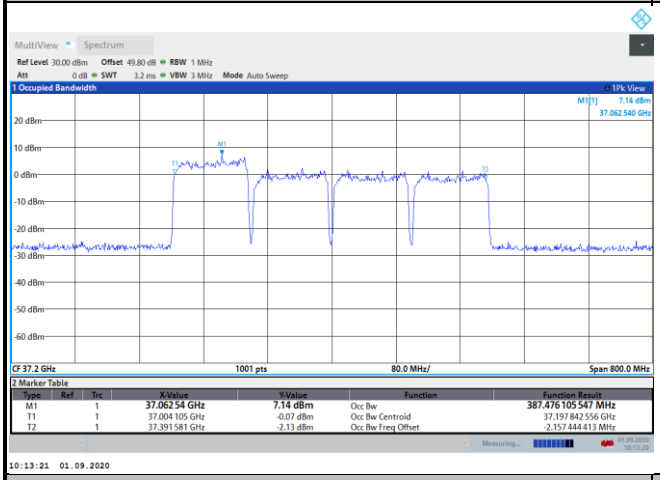
DFT-s-OFDM Module 0

NR Band n260	
Middle Channel / 100MHz / 64QAM	
	

DFT-s-OFDM Module 0

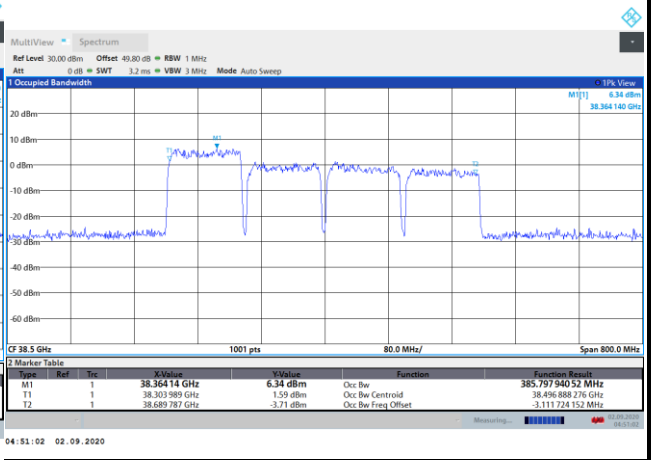
NR Band n260

Lowest Channel / 400MHz / QPSK

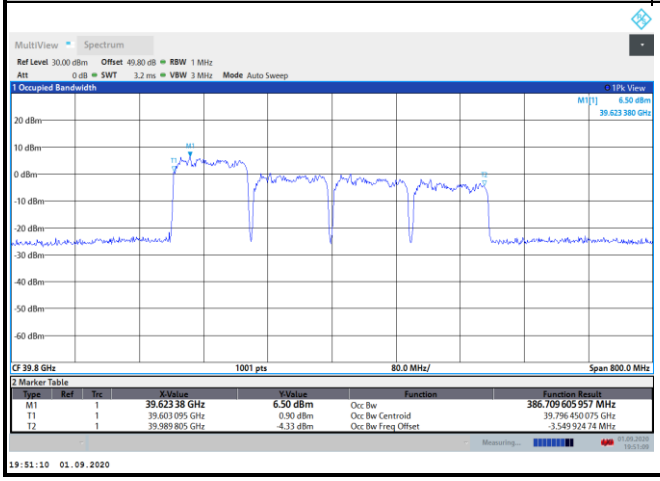


Middle Channel / 400MHz / QPSK

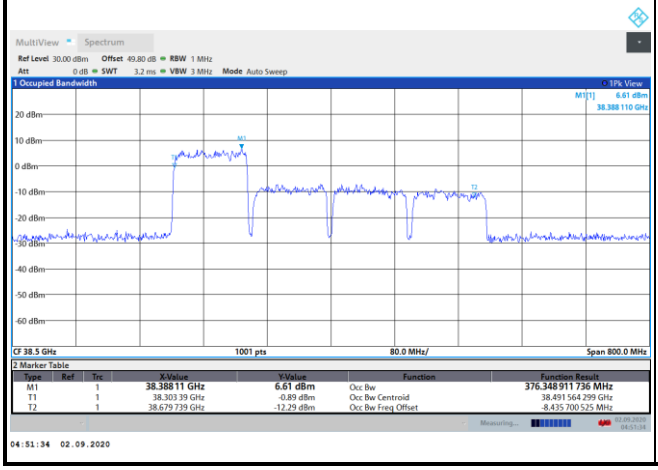
Middle Channel / 400MHz / 16QAM



Highest Channel / 400MHz / QPSK



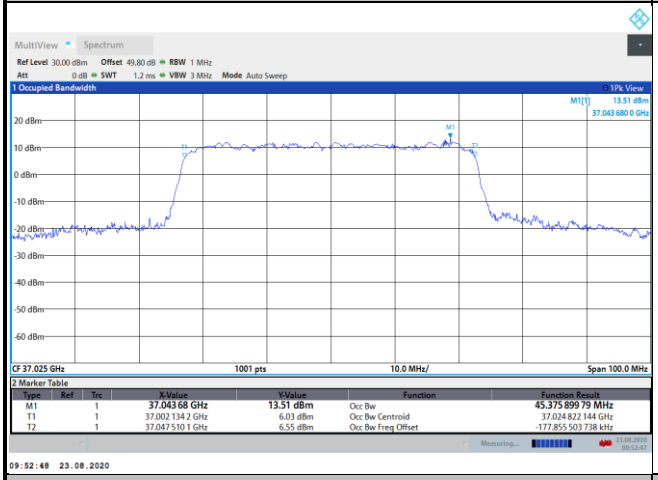
DFT-s-OFDM Module 0

NR Band n260	
Middle Channel / 400MHz / 64QAM	
	

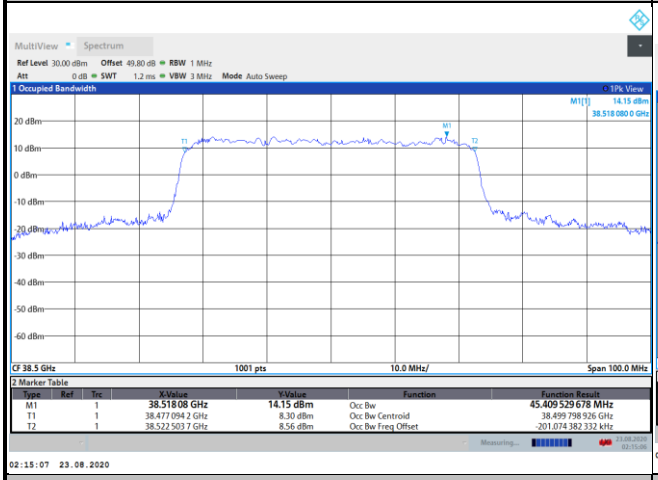
CP-OFDM Module 0

NR Band n260

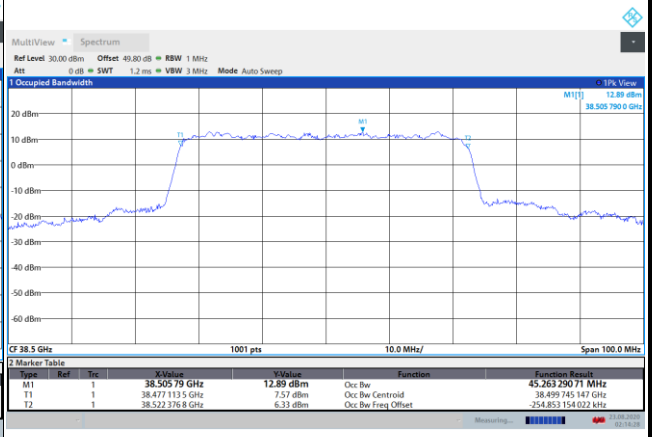
Lowest Channel / 50MHz / QPSK



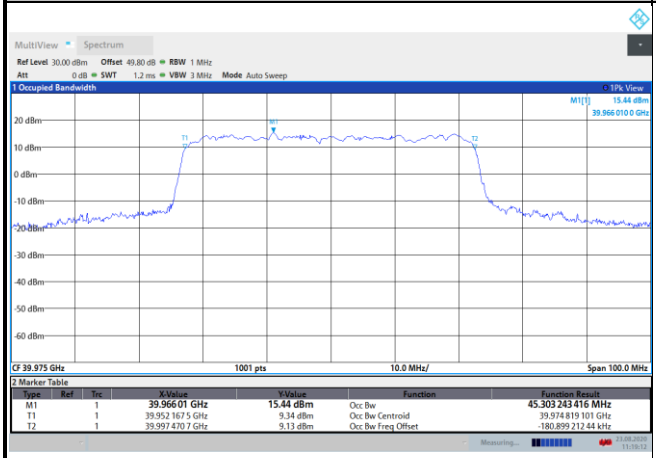
Middle Channel / 50MHz / QPSK



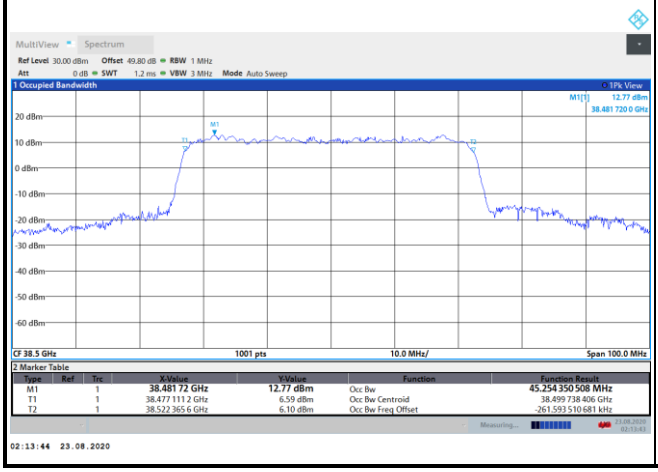
Middle Channel / 50MHz / 16QAM



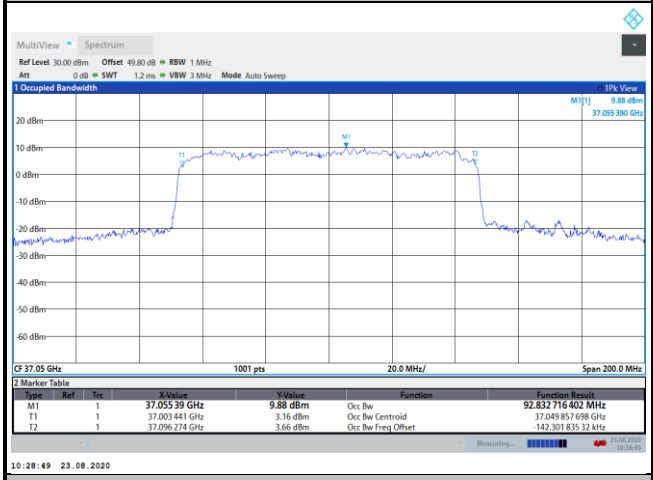
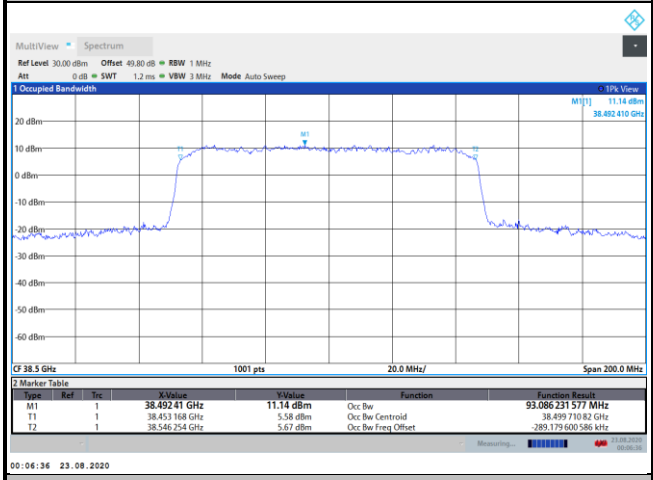
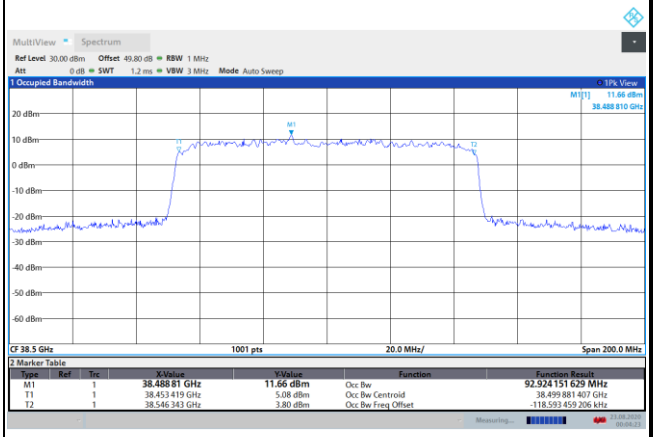
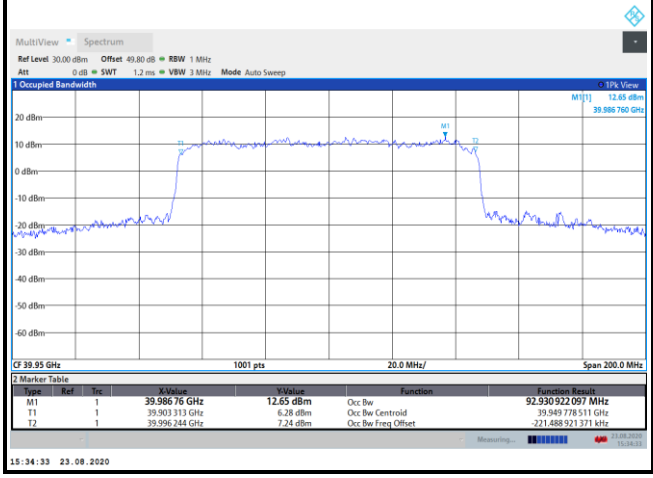
Highest Channel / 50MHz / QPSK



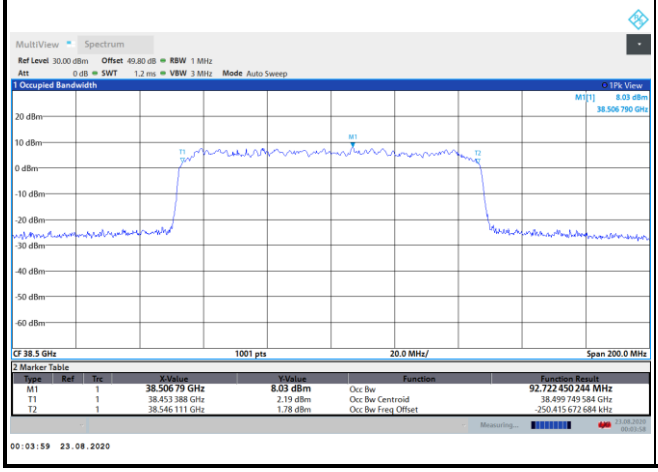
CP-OFDM Module 0

NR Band n260	
Middle Channel / 50MHz / 64QAM	
	

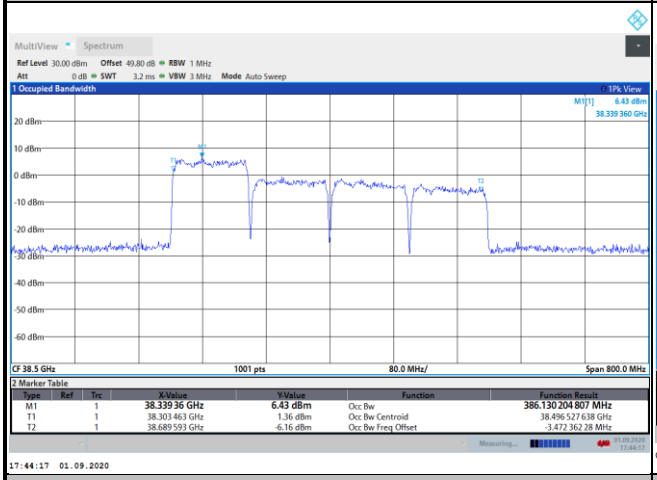
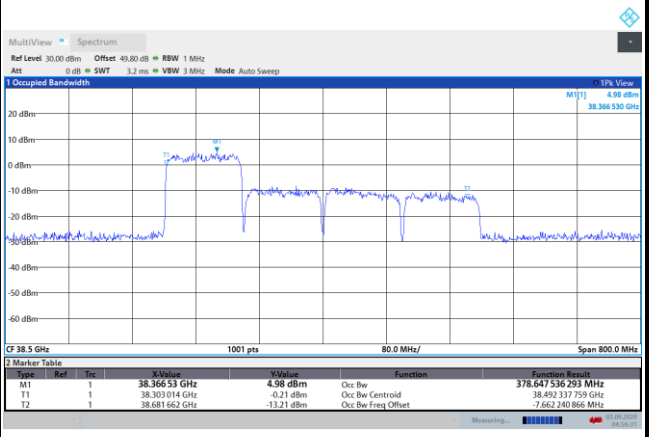
CP-OFDM Module 0

NR Band n260	
Lowest Channel / 100MHz / QPSK	
	
Middle Channel / 100MHz / QPSK	**Middle Channel / 100MHz / 16QAM**
	
Highest Channel / 100MHz / QPSK	
	

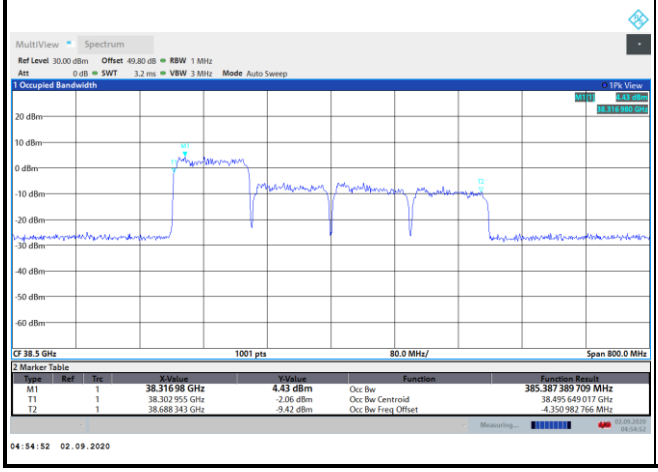
CP-OFDM Module 0

NR Band n260	
Middle Channel / 100MHz / 64QAM	
	

CP-OFDM Module 0

NR Band n260	
Lowest Channel / 400MHz / QPSK	
	
Middle Channel / 400MHz / QPSK	**Middle Channel / 400MHz / 16QAM**
	
Highest Channel / 400MHz / QPSK	
	

CP-OFDM Module 0

NR Band n260	
Middle Channel / 400MHz / 64QAM	
	

Radiated Out of Band Emissions

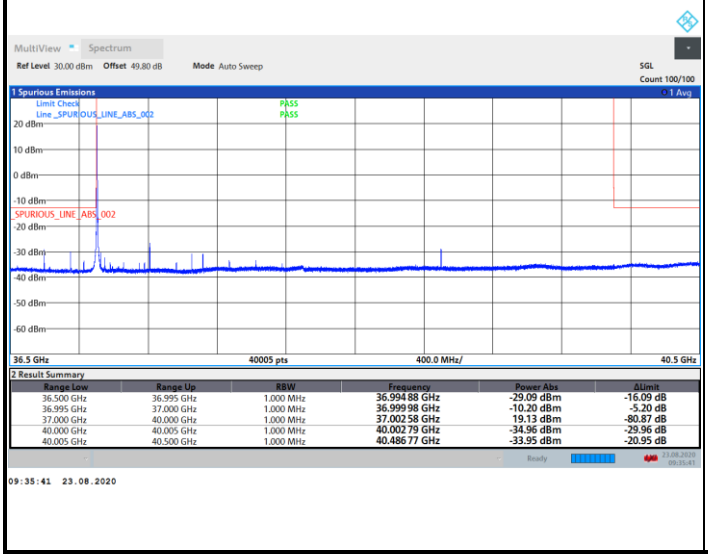
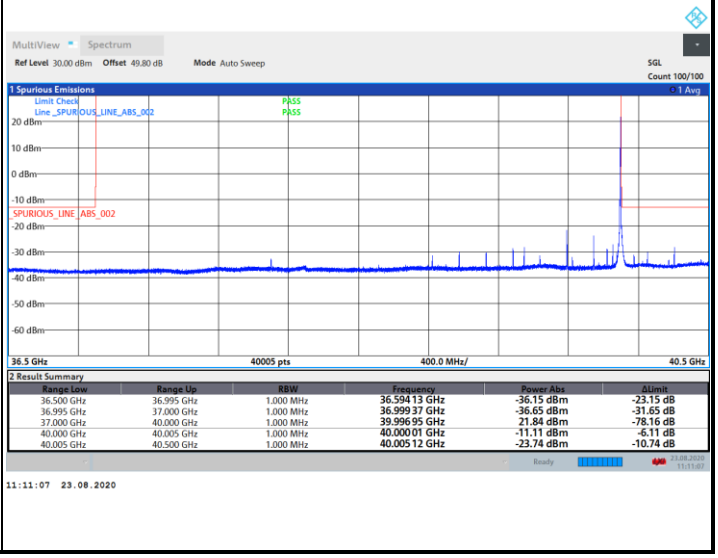
Mode			DFT-s-OFDM Module 0 NR Band n260 : BE (dBm) 1 RB		
BW			50MHz	100MHz	400MHz
Limit (dBm)			QPSK	QPSK	QPSK
Low CH	0~10%OB	≦-5	-10.2	-12.47	-20.09
	>10%OB	≦-13	-29.09	-28.94	-32.07
High CH	0~10%OB	≦-5	-11.11	-13.26	-32.93
	>10%OB	≦-13	-23.74	-28.2	-33.88
Result			Compliance		

Mode			CP-OFDM Module 0 NR Band n260 : BE (dBm) 1 RB		
BW			50MHz	100MHz	400MHz
Limit (dBm)			QPSK	QPSK	QPSK
Low CH	0~10%OB	≦-5	-13.14	-14.38	-20.17
	>10%OB	≦-13	-29.34	-30.92	-31.40
High CH	0~10%OB	≦-5	-13.76	-15.91	-30.05
	>10%OB	≦-13	-26.73	-30.12	-23.7
Result			Compliance		

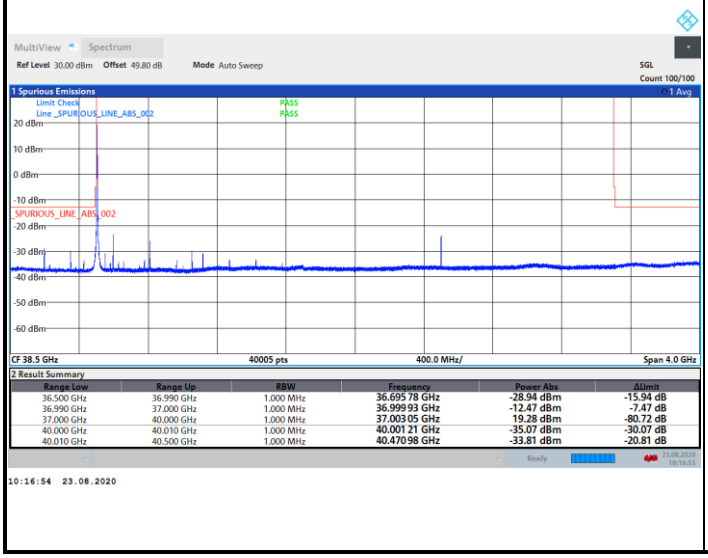
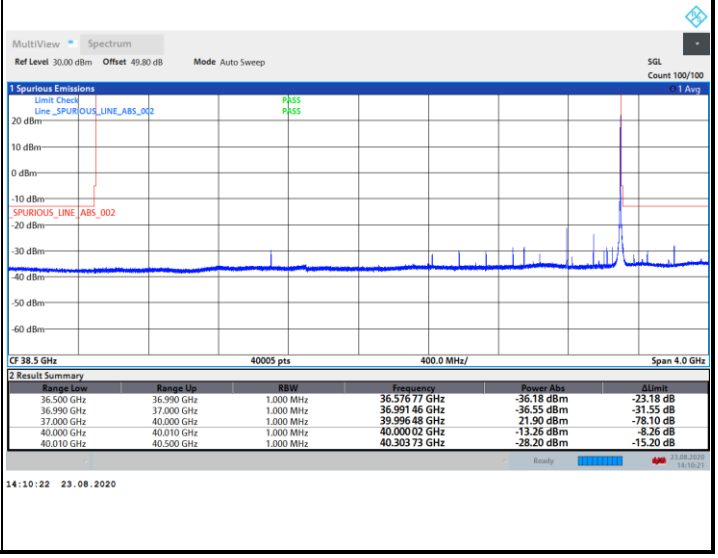
Mode			DFT-s-OFDM Module 0 NR Band n260 : BE (dBm) Full RB		
BW			50MHz	100MHz	400MHz
Limit (dBm)			QPSK	QPSK	QPSK
Low CH	0~10%OB	≦-5	-25.1	-28.46	-34.37
	>10%OB	≦-13	-29.45	-31.56	-35.15
High CH	0~10%OB	≦-5	-21.15	-25.31	-33.63
	>10%OB	≦-13	-22.9	-26.18	-33.75
Result			Compliance		

Mode			CP-OFDM Module 0 NR Band n260 : BE (dBm) Full RB		
BW			50MHz	100MHz	400MHz
Limit (dBm)			QPSK	QPSK	QPSK
Low CH	0~10%OB	≦-5	-25.75	-28.77	-34.97
	>10%OB	≦-13	-29.02	-30.23	-36.1
High CH	0~10%OB	≦-5	-22.37	-25.57	-34.04
	>10%OB	≦-13	-24.4	-27.37	-34
Result			Compliance		

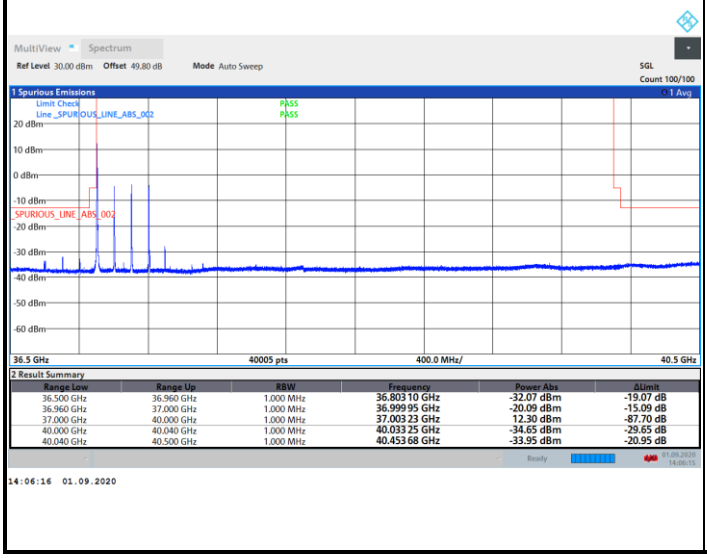
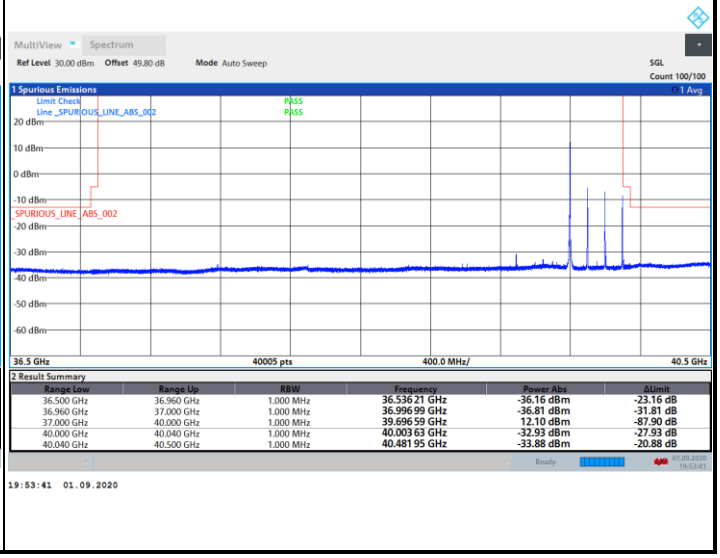
DFT-s-OFDM Module 0

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

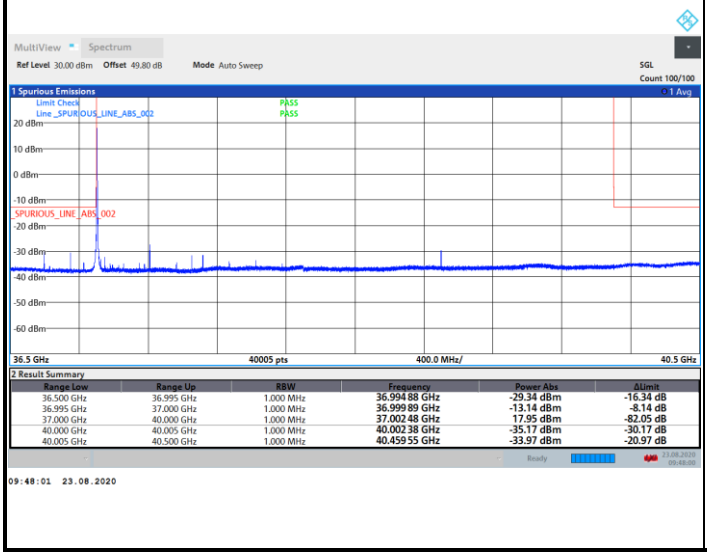
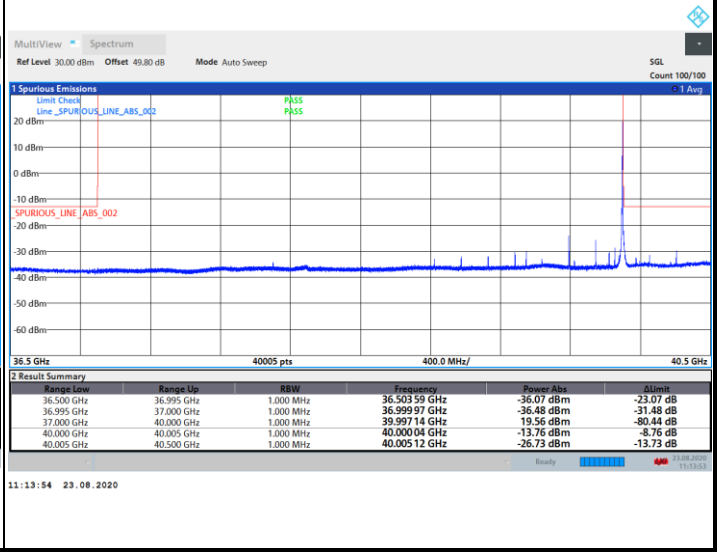
DFT-s-OFDM Module 0

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

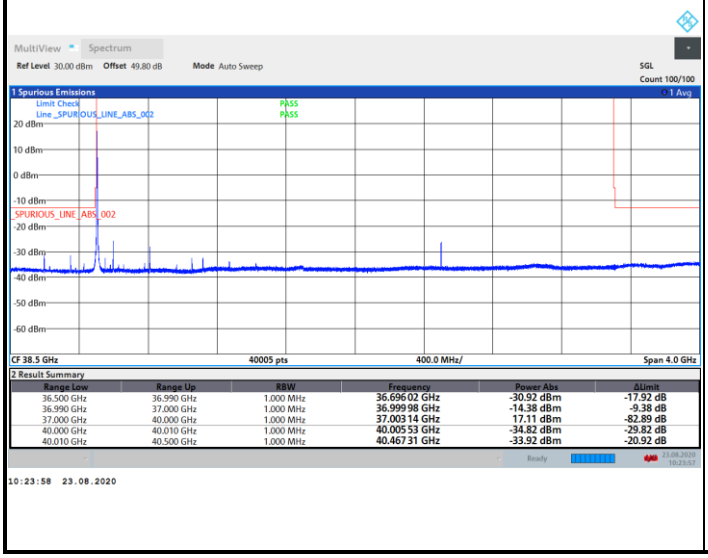
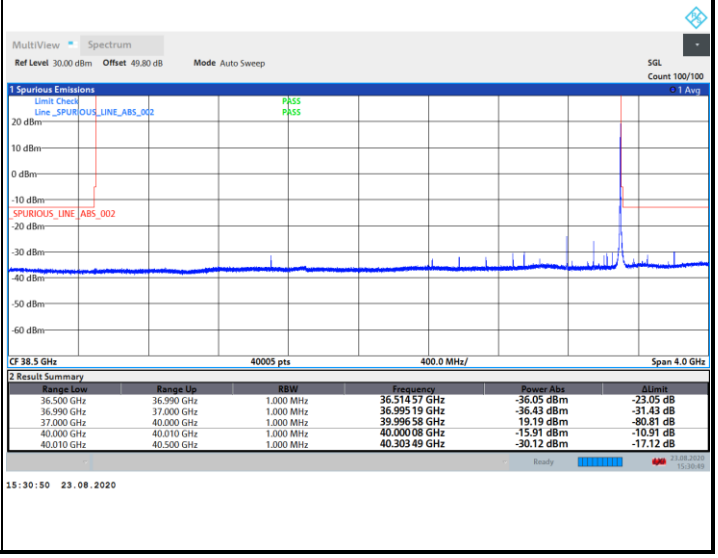
DFT-s-OFDM Module 0

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

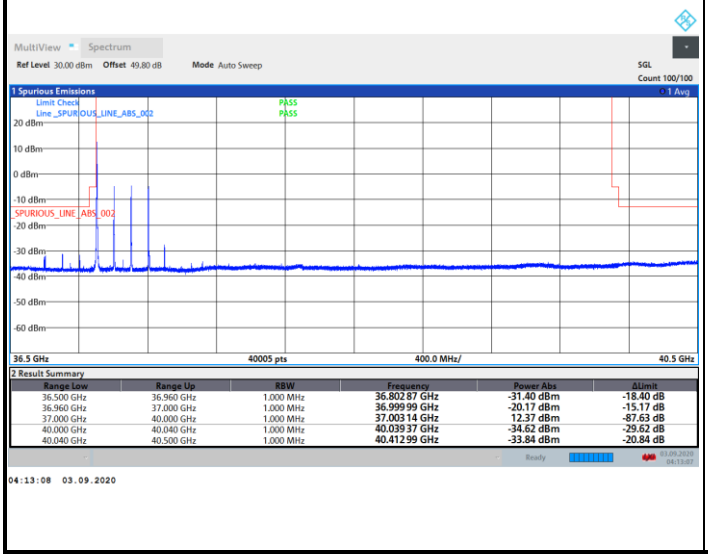
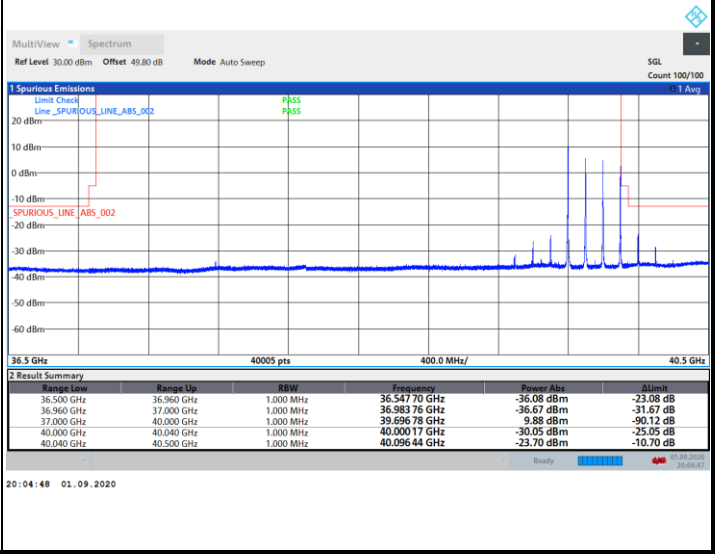
CP-OFDM Module 0

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

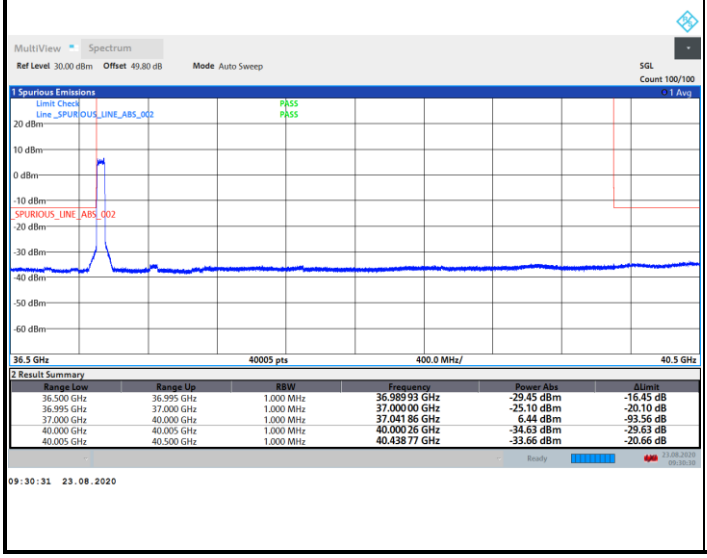
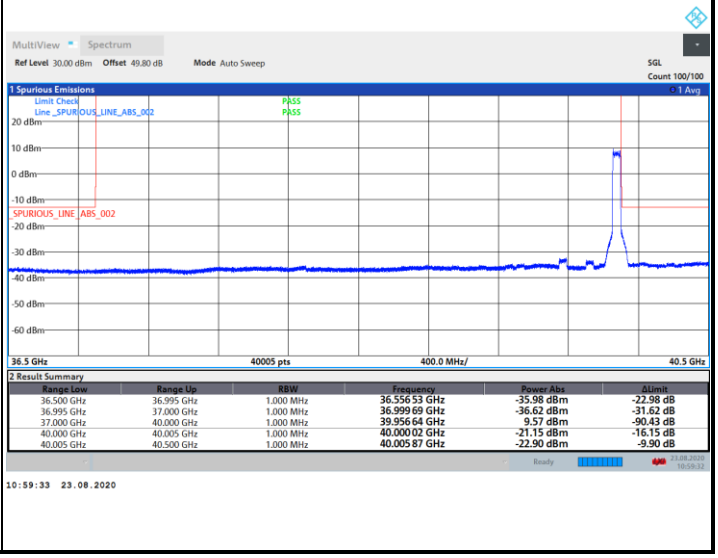
CP-OFDM Module 0

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

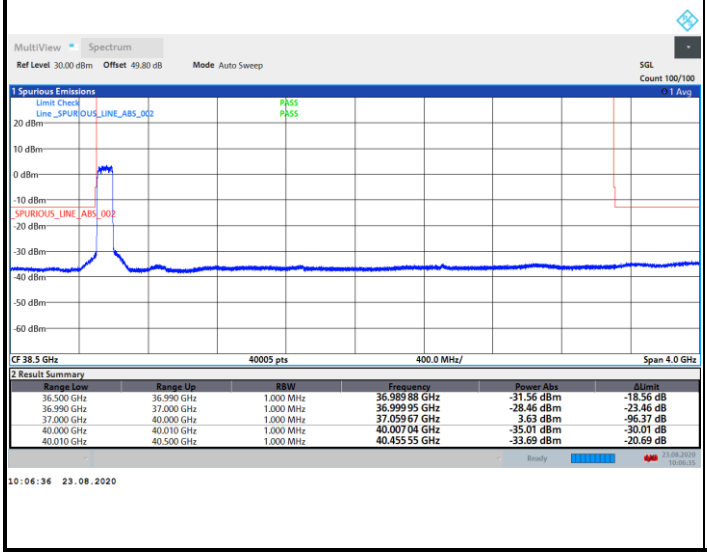
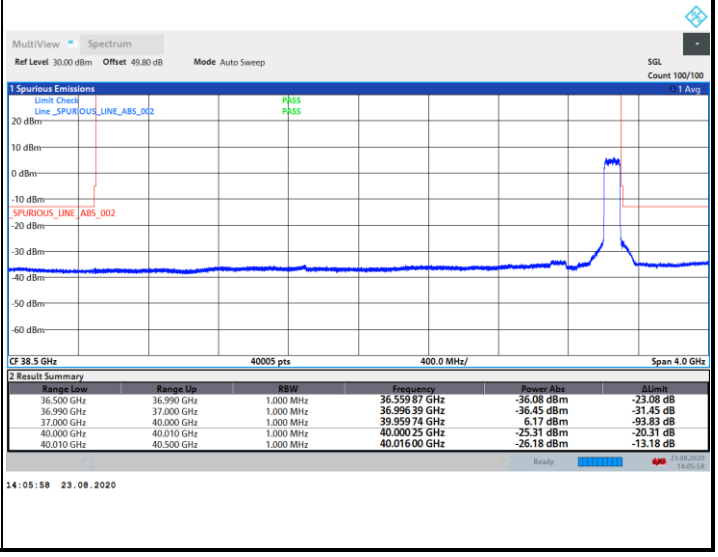
CP-OFDM Module 0

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

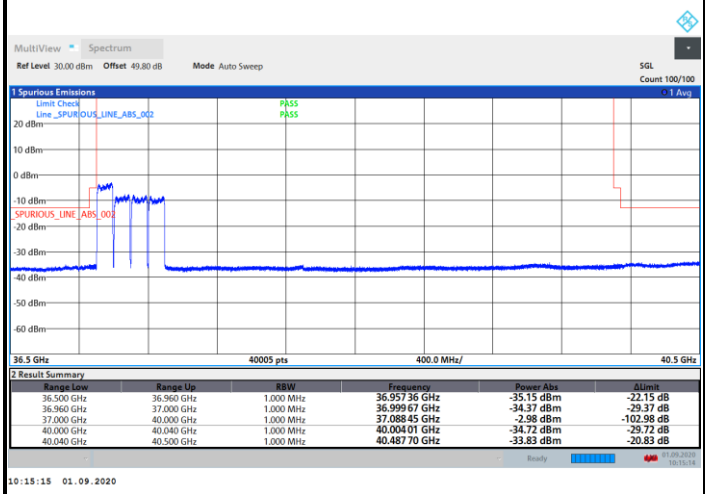
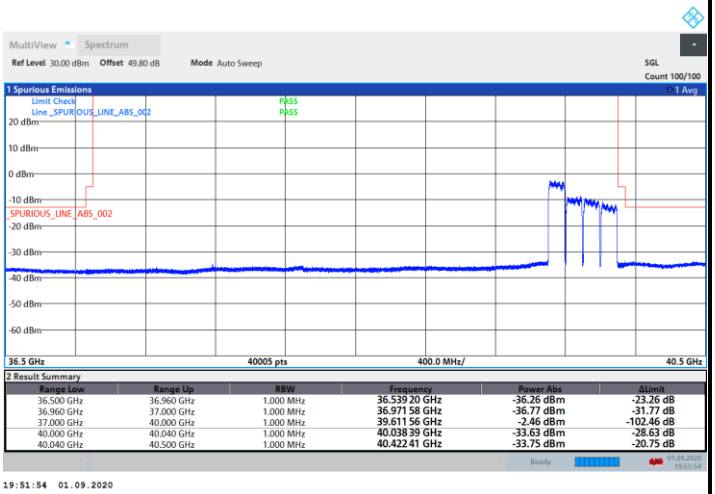
DFT-s-OFDM Module 0

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

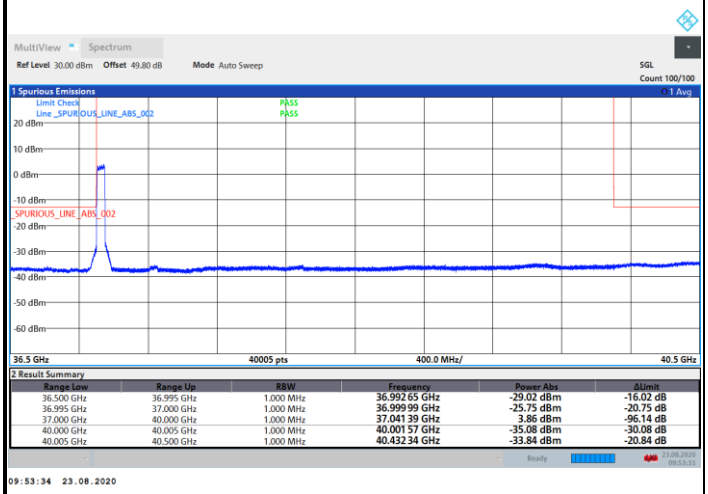
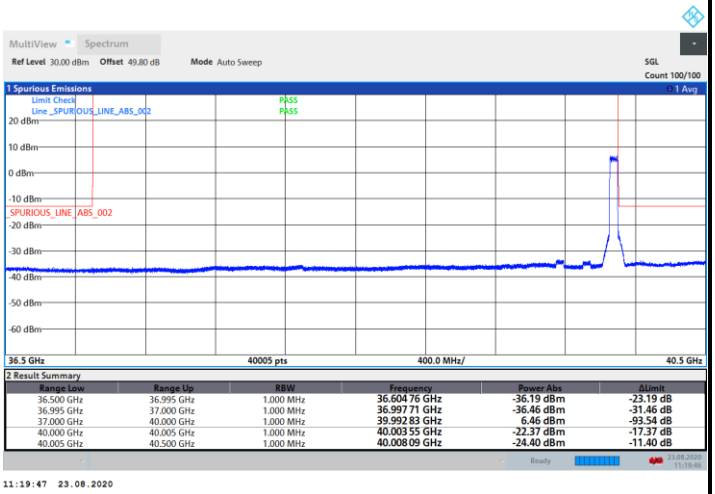
DFT-s-OFDM Module 0

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

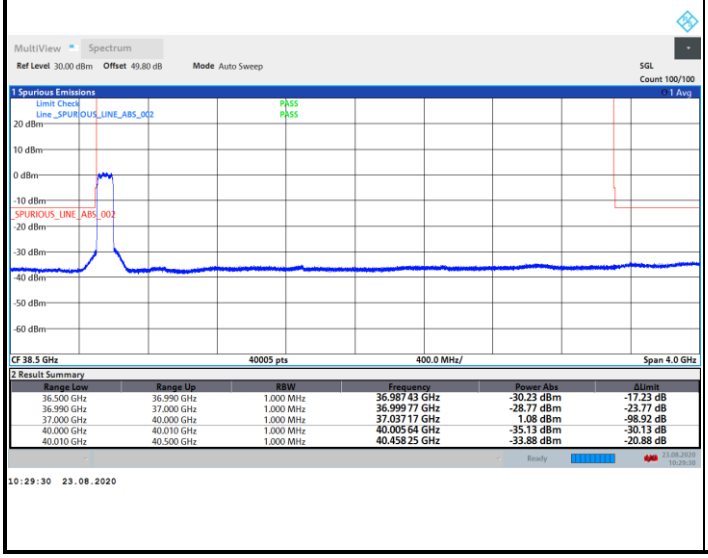
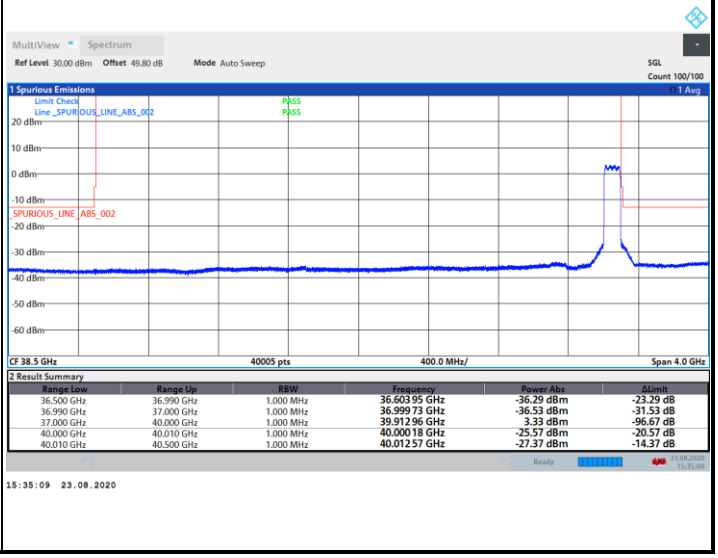
DFT-s-OFDM Module 0

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

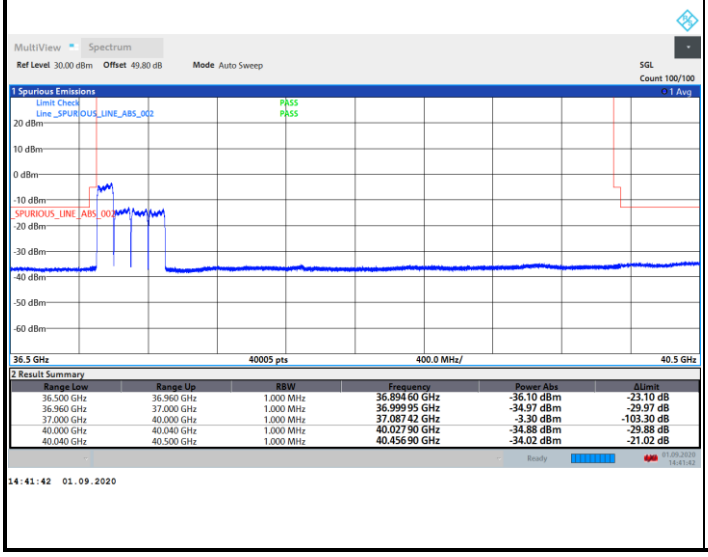
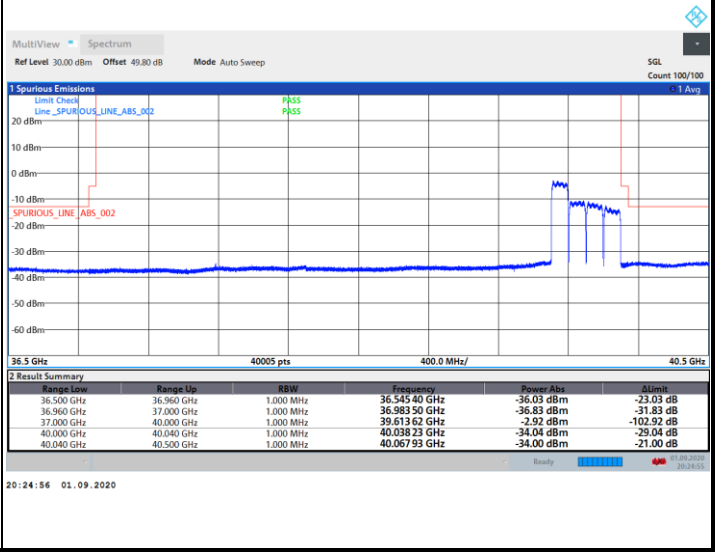
CP-OFDM Module 0

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

CP-OFDM Module 0

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

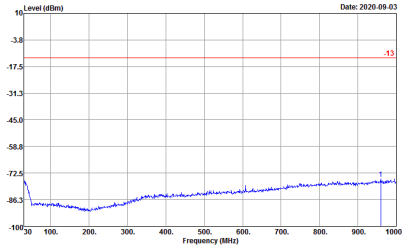
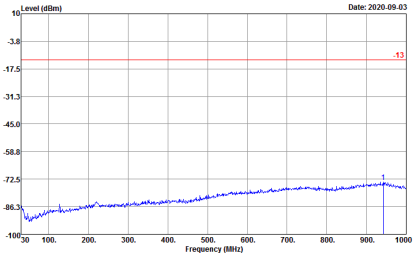
CP-OFDM Module 0

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

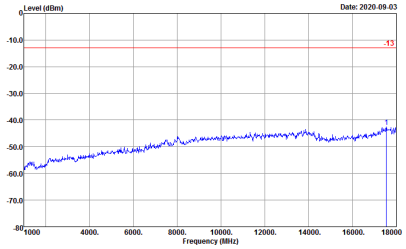
Spurious Emission

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

Only the noise floor is reported.

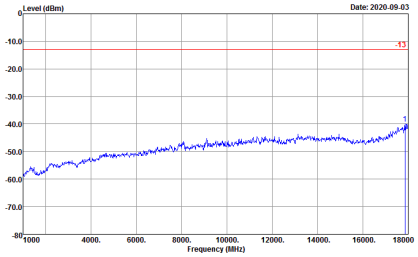
NR Band n260 (30MHz-1GHz)	
Horizontal	**Vertical**
 Site : 03CH10-HY Condition : -13 EIRP_WO HORIZONTAL Project : 060302 : n260 Module 0 Freq Level Over Limit Limit Line MHz dBm dB dBm 1 959.26 -75.35 -62.35 -13.00	 Site : 03CH10-HY Condition : -13 EIRP_WO VERTICAL Project : 060302 : n260 Module 0 Freq Level Over Limit Limit Line MHz dBm dB dBm 1 942.77 -73.84 -60.84 -13.00

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



Site : 03CH10-HY
Condition : -13 EIRP_WO HORIZONTAL
Project : 060302
: n260 Module 0

	Freq	Level	Over Limit	Limit Line
	MHz	dBm	dB	dBm
1	17541.00	-42.65	-29.65	-13.00

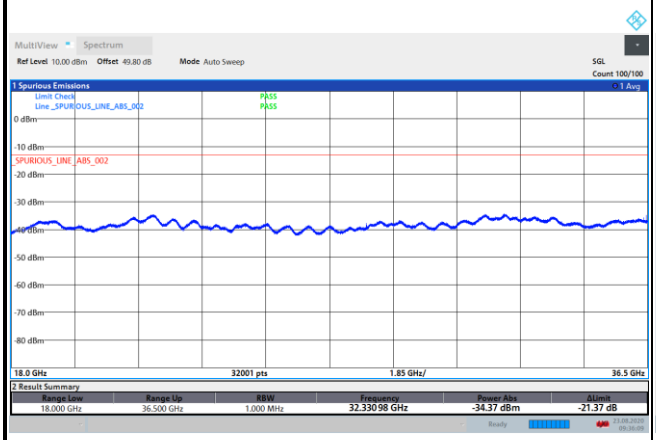
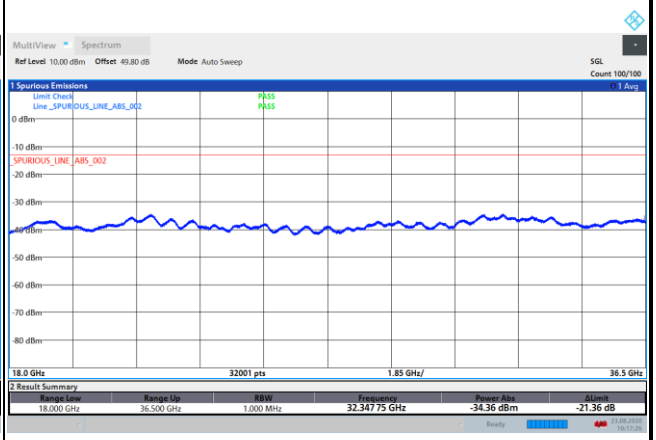
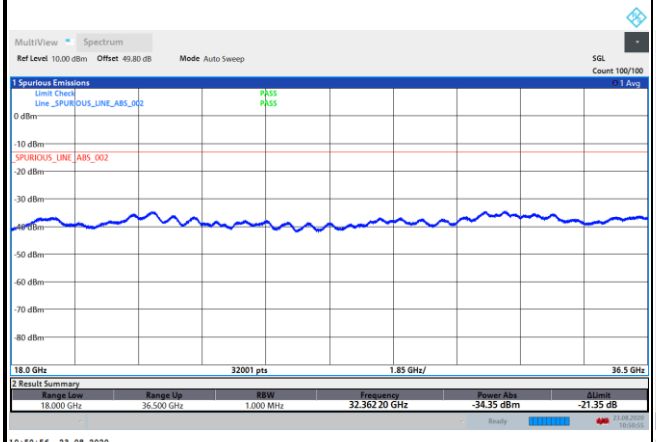
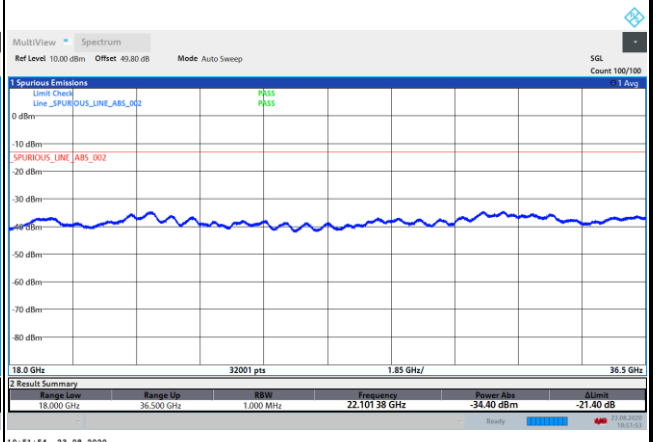
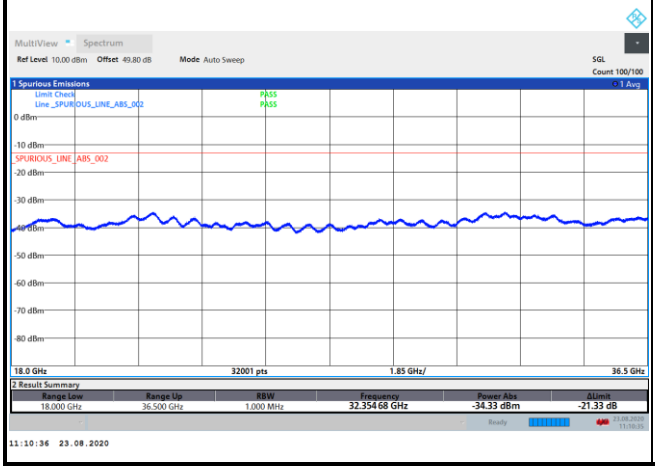
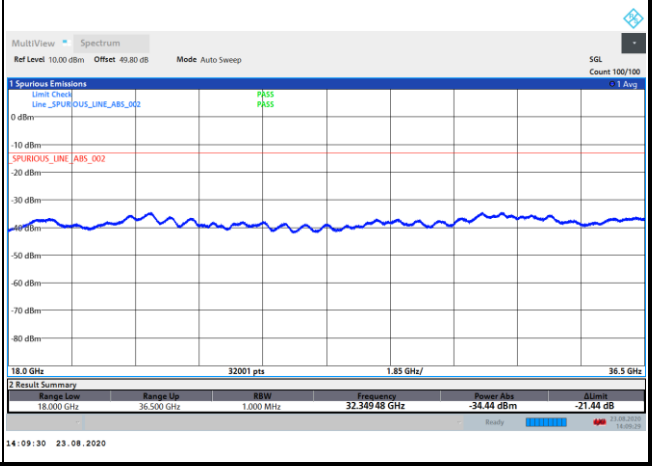


Site : 03CH10-HY
Condition : -13 EIRP_WO VERTICAL
Project : 060302
: n260 Module 0

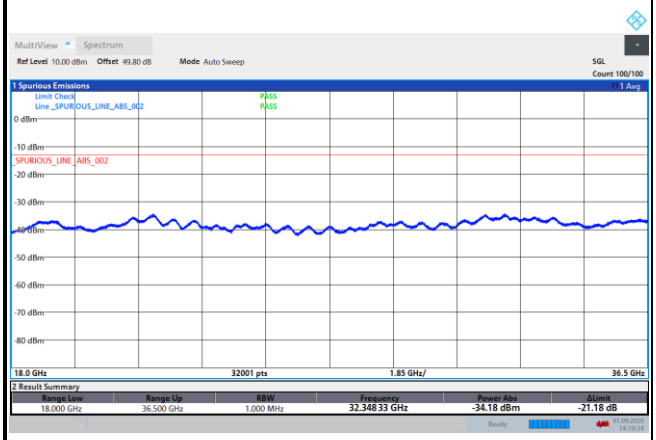
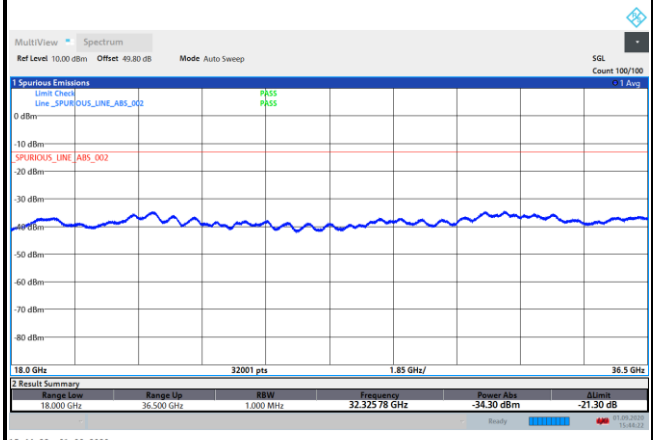
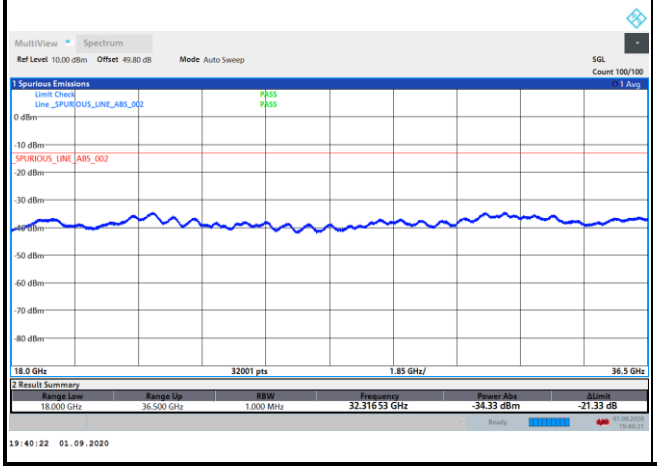
	Freq	Level	Over Limit	Limit Line
	MHz	dBm	dB	dBm
1	17864.00	-39.90	-26.90	-13.00

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

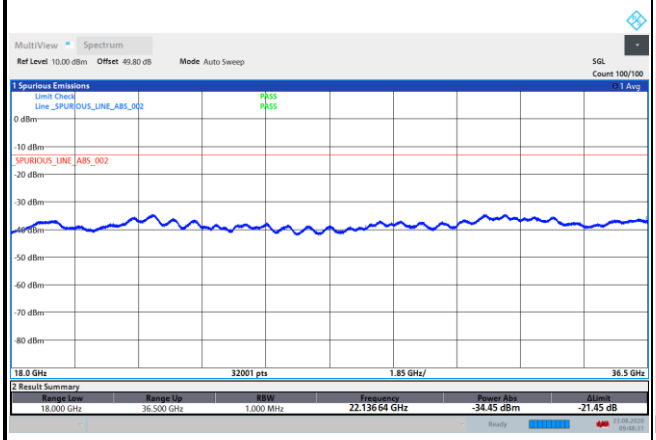
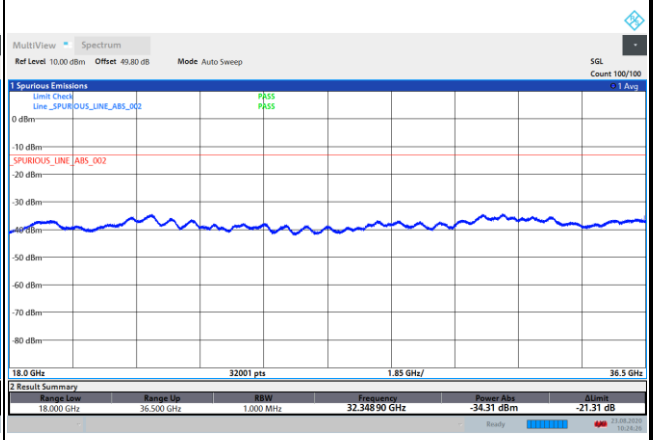
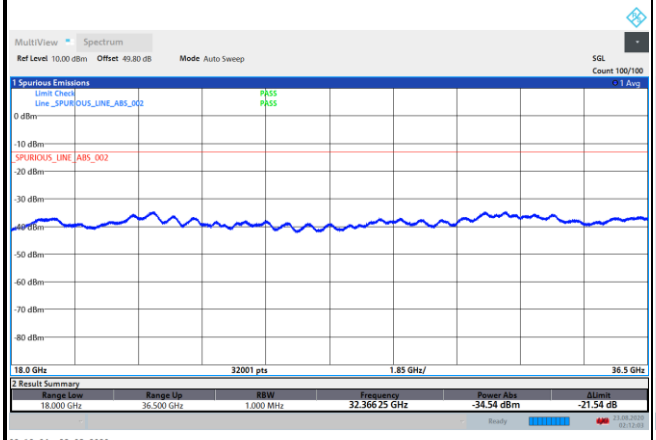
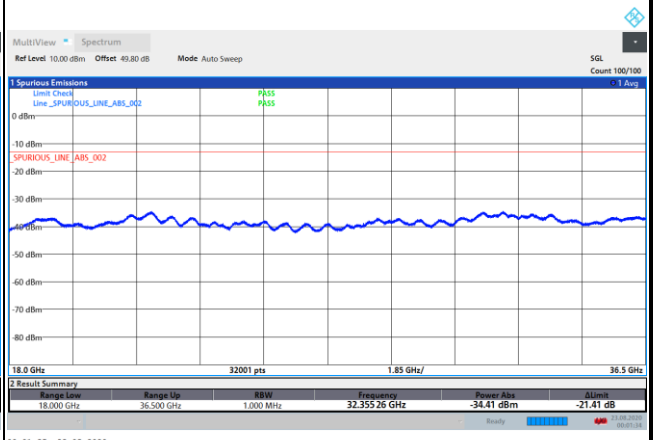
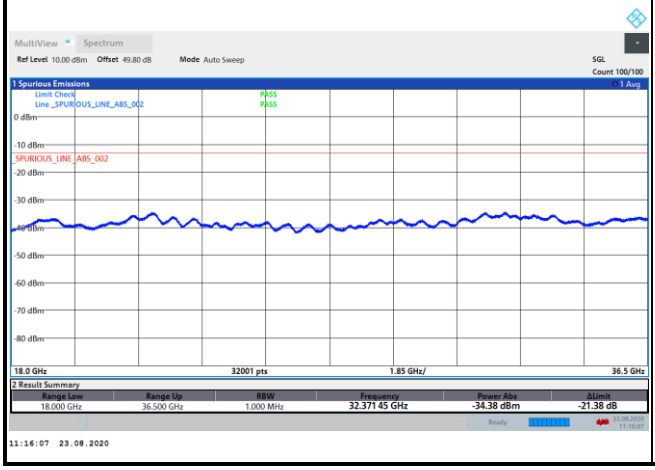
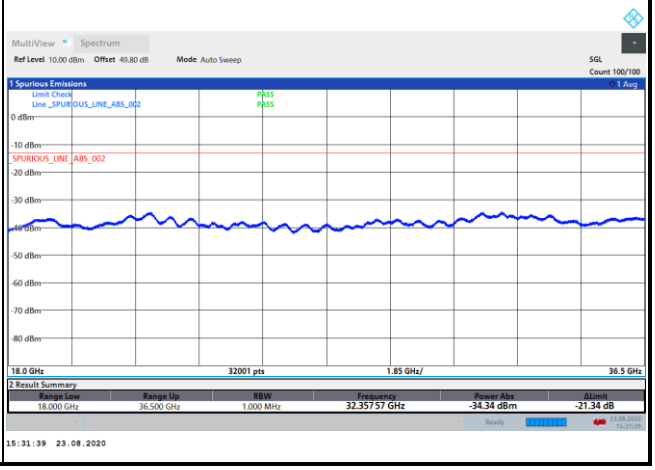
DFT-s-OFDM Module 0

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

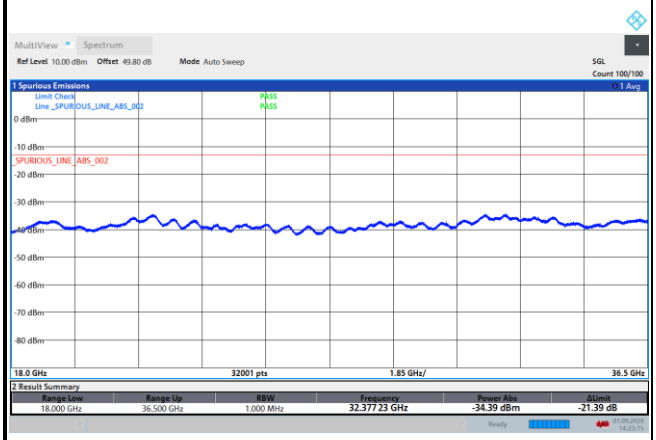
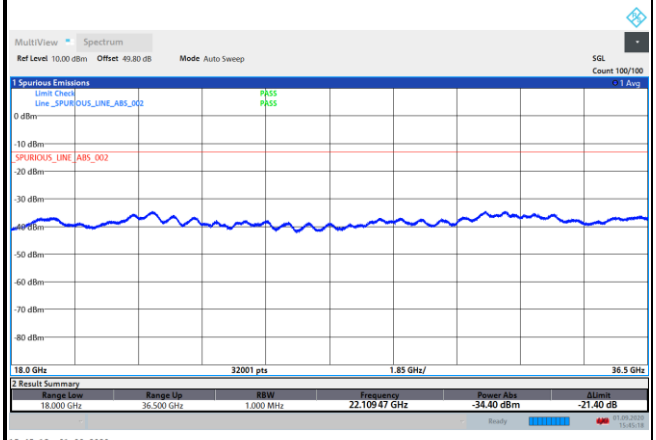
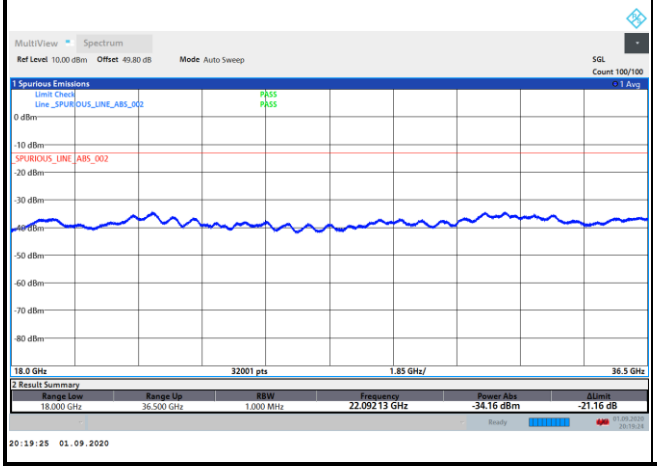
DFT-s-OFDM Module 0

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

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**
	

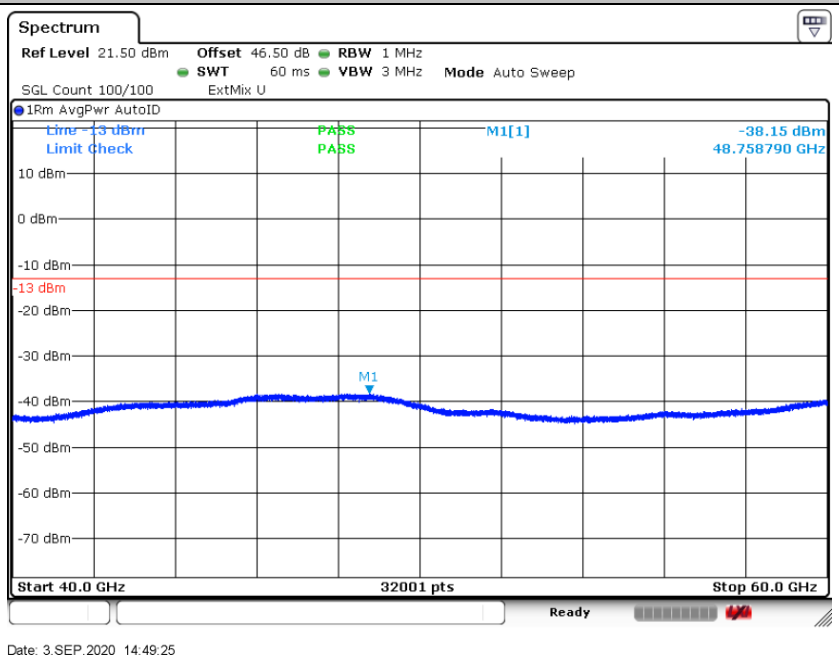
CP-OFDM Module 0

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.

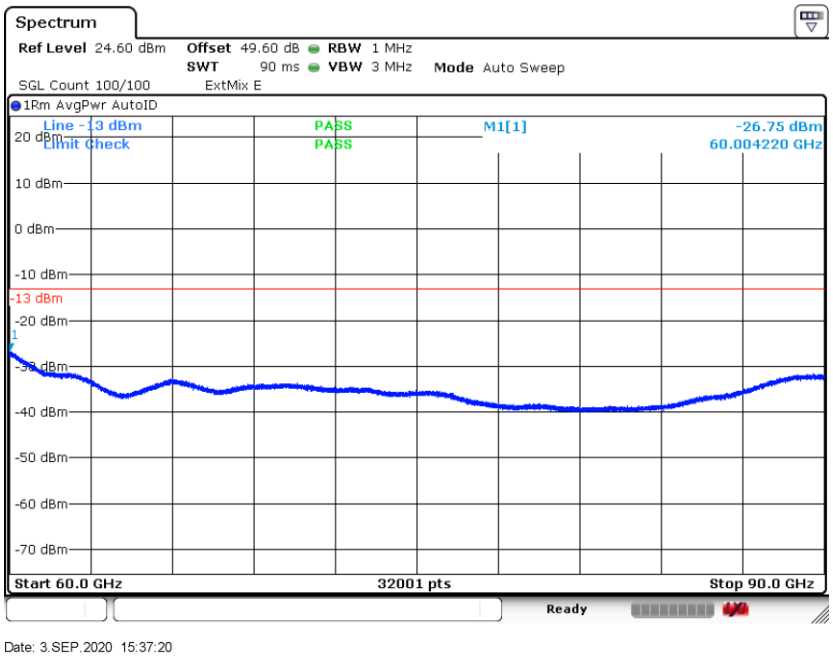
NR Band n260
(40GHz-60GHz)



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)

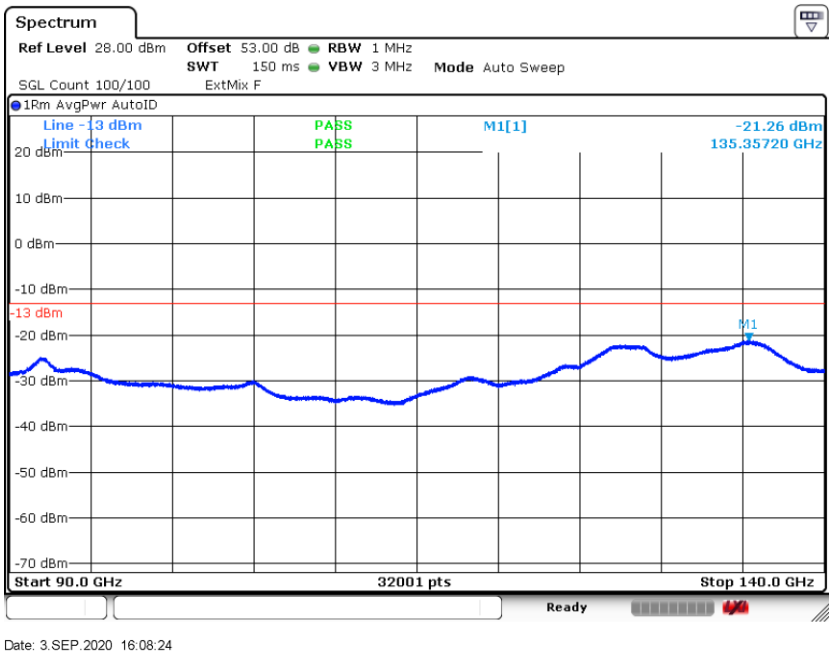
NR Band n260
(60GHz-90GHz)



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

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

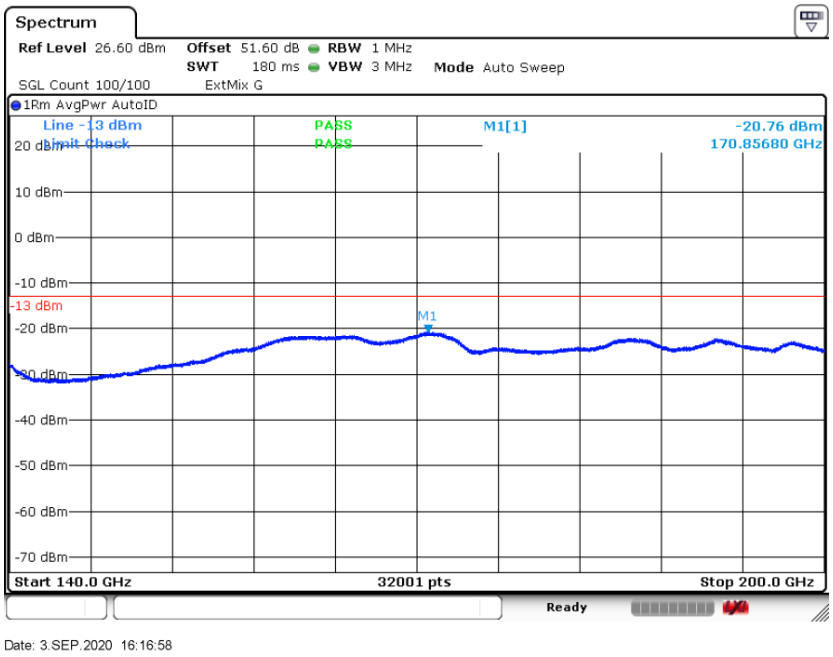
NR Band n260
(90GHz-140GHz)



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 0 AG0+1

Occupied Bandwidth

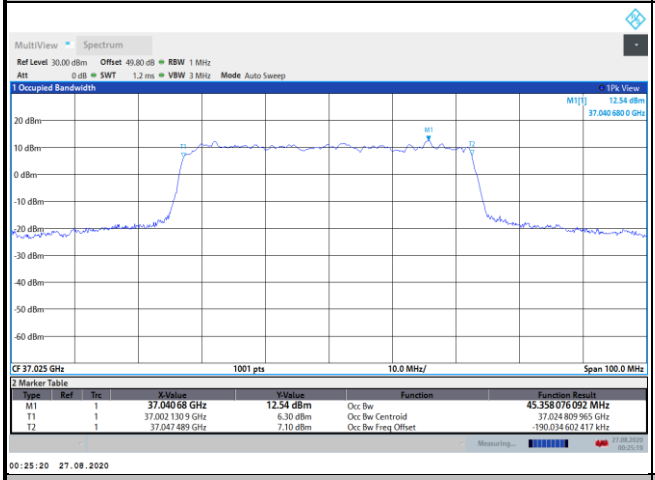
Mode	DFT-s-OFDM Module 0 NR Band n260 : 99%OBW(MHz)					
BW	50MHz			100MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	45.35	-	-	90.75	-	-
Middle CH	45.34	45.33	45.55	90.50	90.32	90.30
Highest CH	45.10	-	-	90.67	-	-

Mode	CP-OFDM Module 0 NR Band n260 : 99%OBW(MHz)					
BW	50MHz			100MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	45.55	-	-	93.35	-	-
Middle CH	45.37	45.31	45.32	93.02	93.40	93.08
Highest CH	45.51	-	-	92.79	-	-

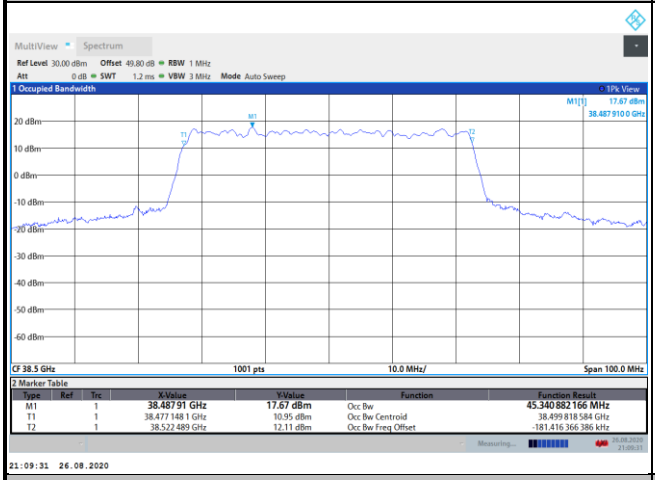
DFT-s-OFDM Module 0

NR Band n260

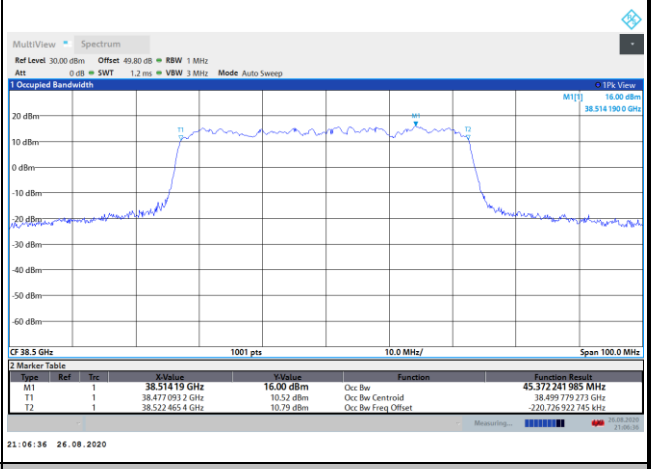
Lowest Channel / 50MHz / QPSK



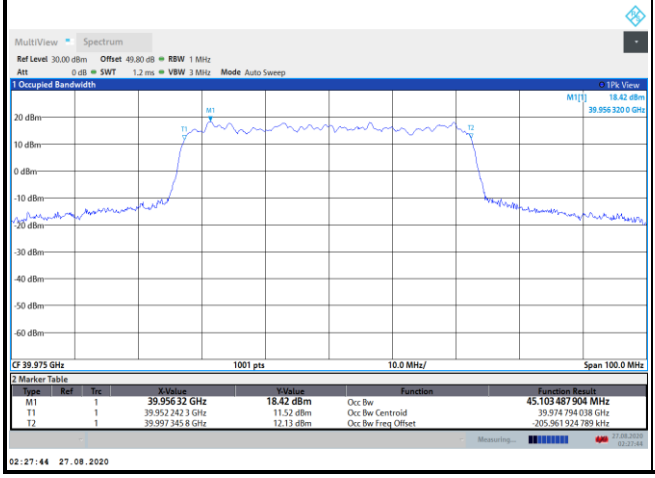
Middle Channel / 50MHz / QPSK



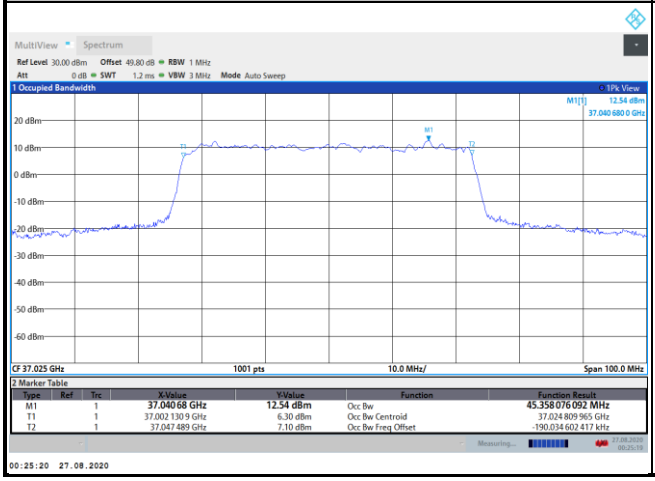
Middle Channel / 50MHz / 16QAM



Highest Channel / 50MHz / QPSK



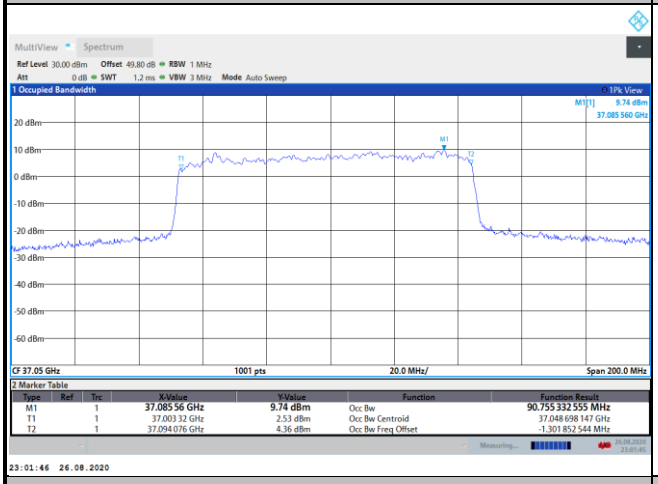
DFT-s-OFDM Module 0

NR Band n260	
Middle Channel / 50MHz / 64QAM	
	

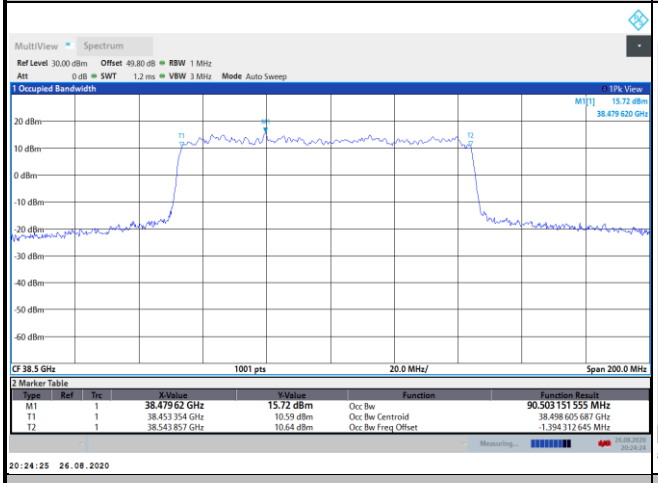
DFT-s-OFDM Module 0

NR Band n260

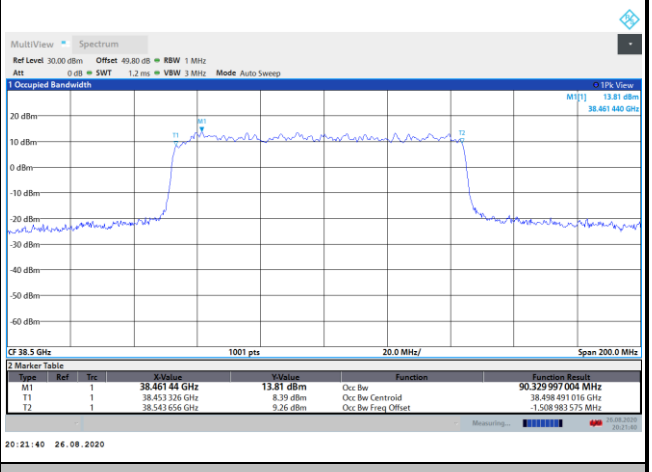
Lowest Channel / 100MHz / QPSK



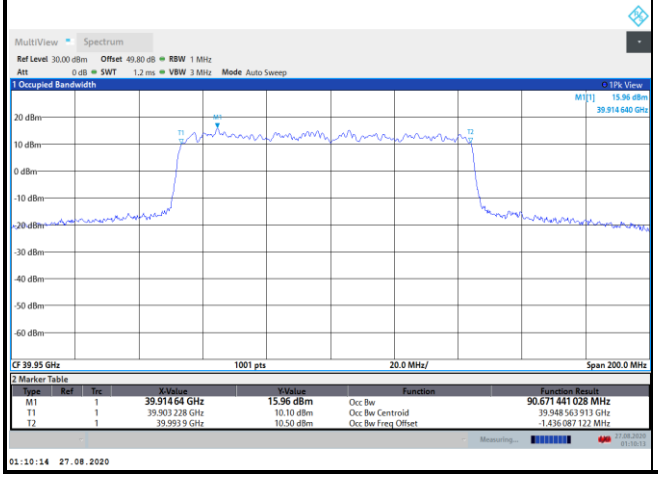
Middle Channel / 100MHz / QPSK



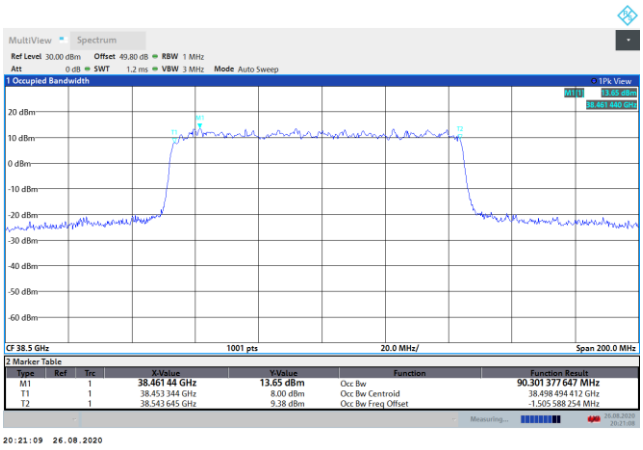
Middle Channel / 100MHz / 16QAM



Highest Channel / 100MHz / QPSK



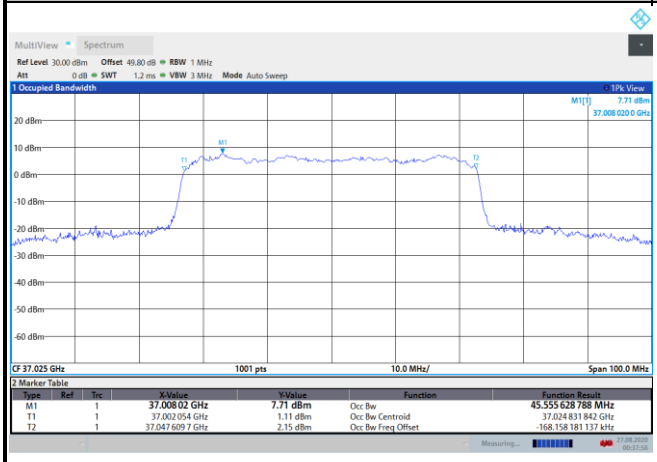
DFT-s-OFDM Module 0

NR Band n260	
Middle Channel / 100MHz / 64QAM	
	

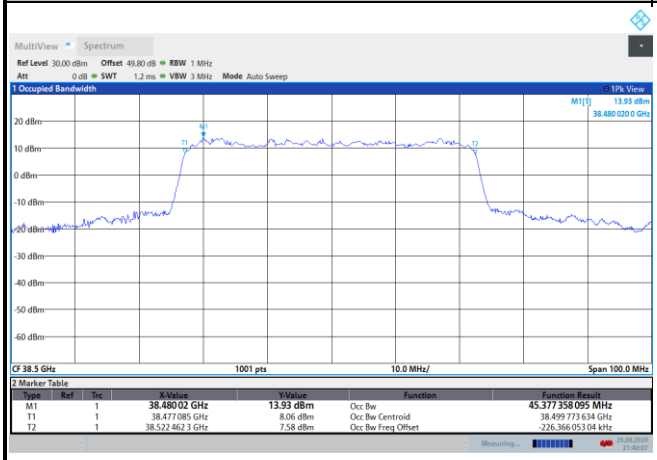
CP-OFDM Module 0

NR Band n260

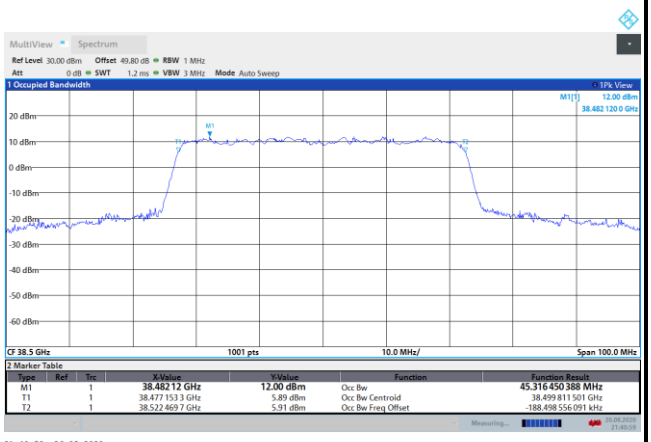
Lowest Channel / 50MHz / QPSK



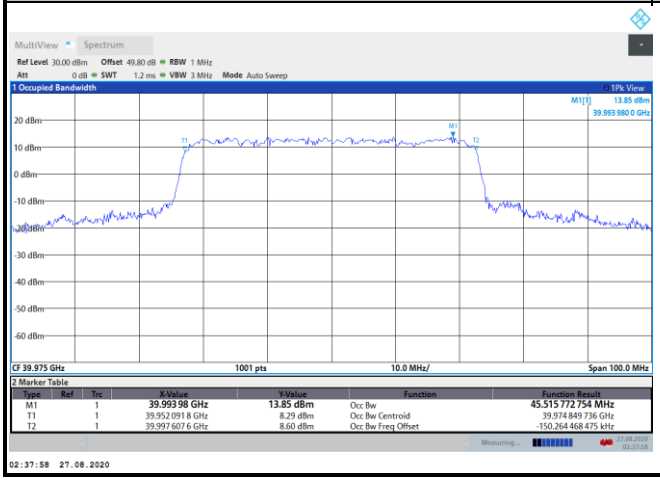
Middle Channel / 50MHz / QPSK



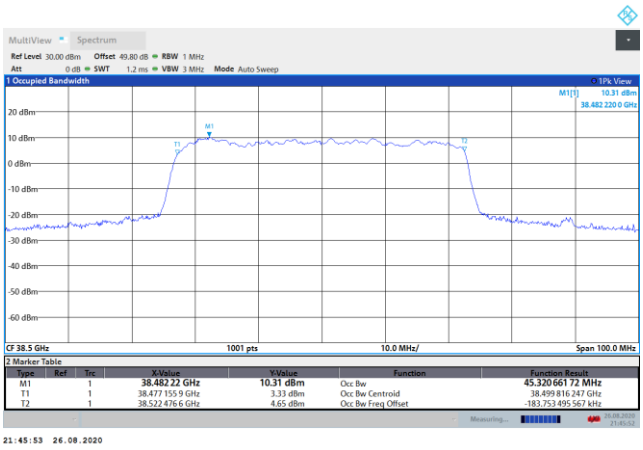
Middle Channel / 50MHz / 16QAM



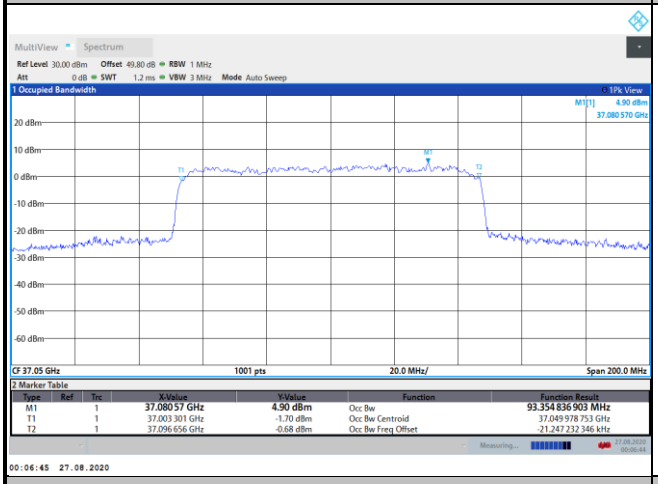
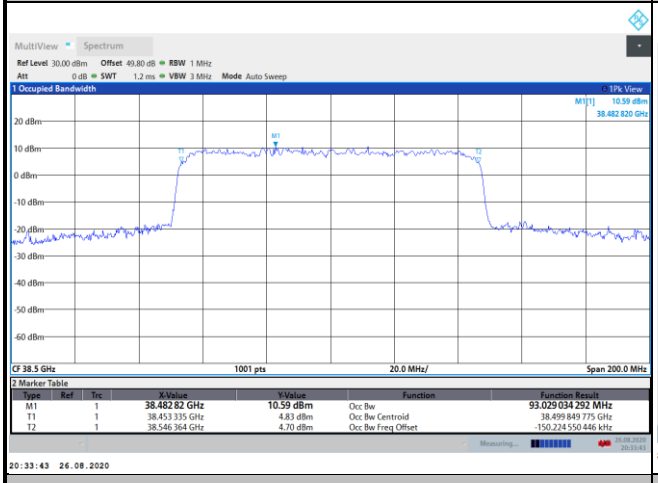
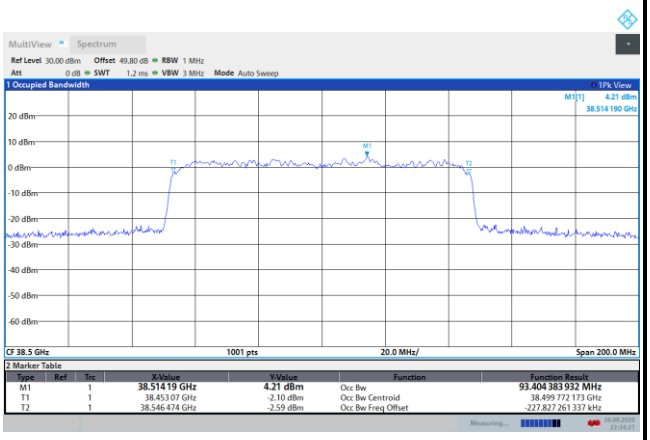
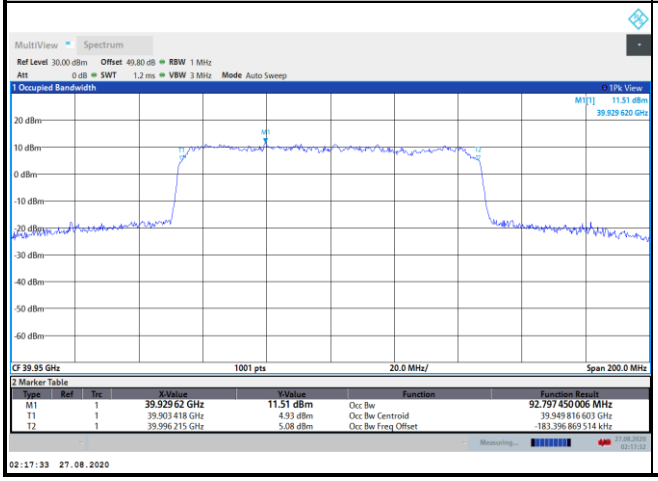
Highest Channel / 50MHz / QPSK



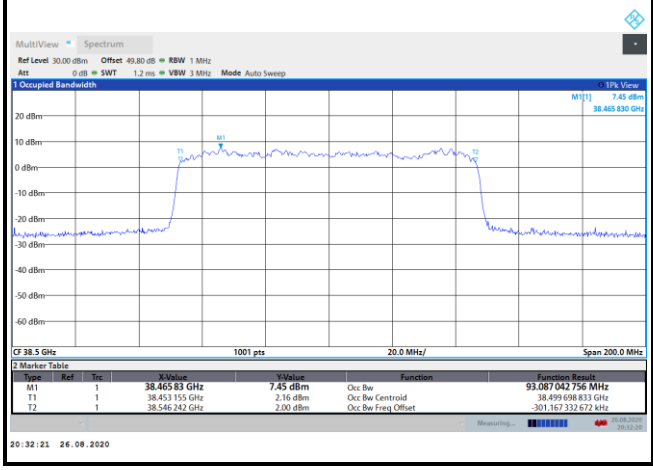
CP-OFDM Module 0

NR Band n260	
Middle Channel / 50MHz / 64QAM	
	

CP-OFDM Module 0

NR Band n260	
Lowest Channel / 100MHz / QPSK	
	
Middle Channel / 100MHz / QPSK	**Middle Channel / 100MHz / 16QAM**
	
Highest Channel / 100MHz / QPSK	
	

CP-OFDM Module 0

NR Band n260	
Middle Channel / 100MHz / 64QAM	
	

Radiated Out of Band Emissions

Mode			DFT-s-OFDM Module 0 NR Band n260 : BE (dBm) 1 RB	
BW			50MHz	100MHz
Limit (dBm)			QPSK	QPSK
Low CH	0~10%OB	≦-5	-10.18	-15.39
	>10%OB	≦-13	-28.87	-32.2
High CH	0~10%OB	≦-5	-11.15	-13.49
	>10%OB	≦-13	-22.06	-27.73
Result			Compliance	

Mode			CP-OFDM Module 0 NR Band n260 : BE (dBm) 1 RB	
BW			50MHz	100MHz
Limit (dBm)			QPSK	QPSK
Low CH	0~10%OB	≦-5	-15.25	-18.18
	>10%OB	≦-13	-32.84	-34.28
High CH	0~10%OB	≦-5	-14.57	-16.61
	>10%OB	≦-13	-24.12	-30.88
Result			Compliance	

Mode			DFT-s-OFDM Module 0 NR Band n260 : BE (dBm) Full RB	
BW			50MHz	100MHz
Limit (dBm)			QPSK	QPSK
Low CH	0~10%OB	≦-5	-23.23	-29.09
	>10%OB	≦-13	-27.77	-32.42
High CH	0~10%OB	≦-5	-19.55	-24.02
	>10%OB	≦-13	-22.32	-25.67
Result			Compliance	

Mode			CP-OFDM Module 0 NR Band n260 : BE (dBm) Full RB	
BW			50MHz	100MHz
Limit (dBm)			QPSK	QPSK
Low CH	0~10%OB	≦-5	-26.57	-30.27
	>10%OB	≦-13	-30.98	-32.82
High CH	0~10%OB	≦-5	-21.41	-25.75
	>10%OB	≦-13	-24	-27.79
Result			Compliance	