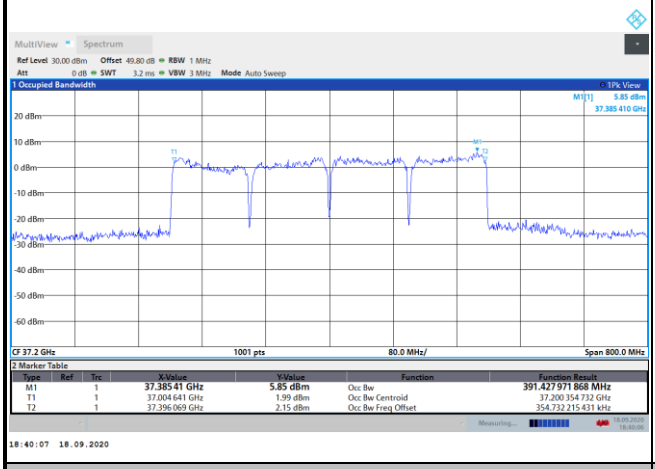
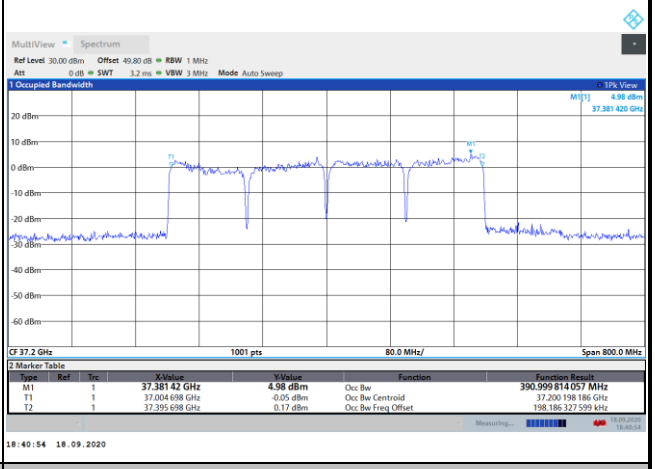
CP-OFDM Module 0

NR Band n260

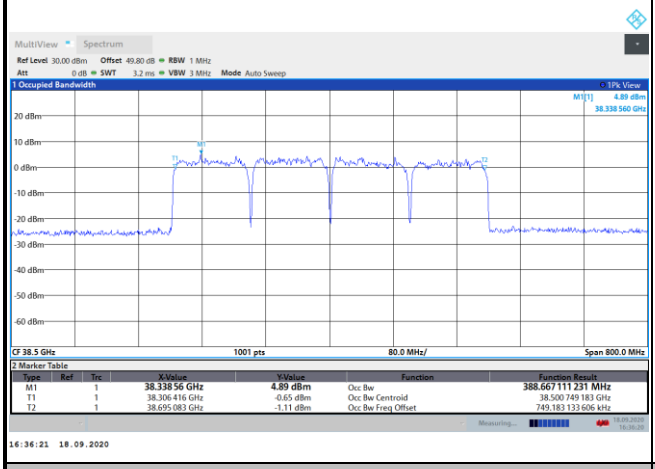
Lowest Channel / 400MHz / QPSK



Lowest Channel / 400MHz / 16QAM

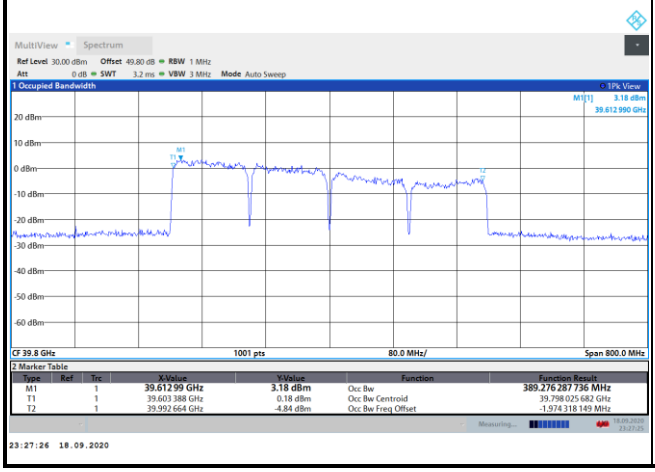


Middle Channel / 400MHz / QPSK



Middle Channel / 400MHz / 16QAM

Highest Channel / 400MHz / QPSK



Highest Channel / 400MHz / 16QAM

CP-OFDM Module 0

NR Band n260	
Middle Channel / 400MHz / 64QAM	
	**intentionally blank**

Radiated Out of Band Emissions

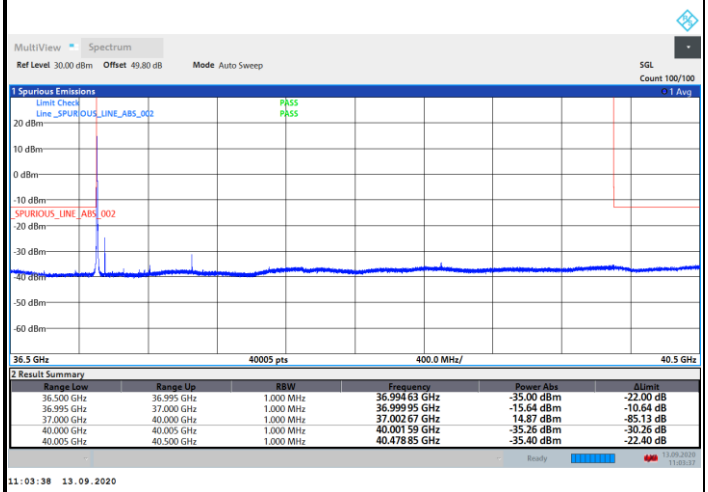
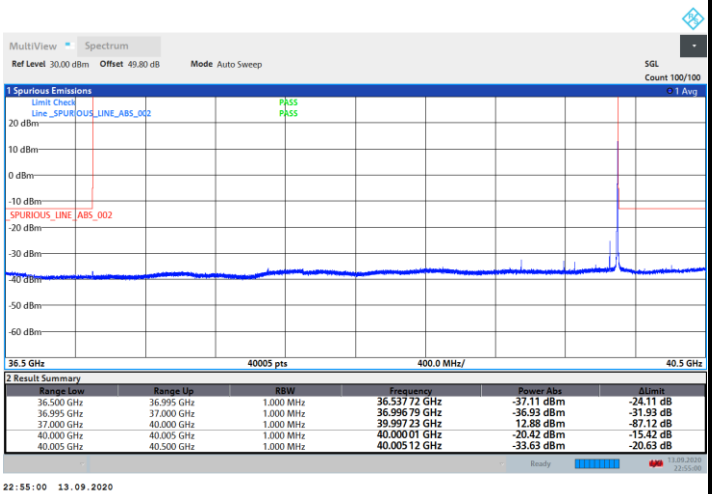
Mode			DFT-s-OFDM Module 0 NR Band n260 : BE (dBm) 1 RB											
BW			50MHz				100MHz				400MHz			
Limit (dBm)			BPSK	QPSK	16QAM	64QAM	BPSK	QPSK	16QAM	64QAM	BPSK	QPSK	16QAM	64QAM
Low CH	0~10%OB	≦-5	-15.64	-14.02	-	-	-19.46	-17.16	-	-	-25.1	-24.63	-	-
	>10%OB	≦-13	-35	-33.8	-	-	-37.09	-37.04	-	-	-32.18	-28.9	-	-
High CH	0~10%OB	≦-5	-20.42	-18.75	-	-	-23.01	-22.25	-	-	-33.41	-31.06	-	-
	>10%OB	≦-13	-33.63	-32.72	-	-	-35.47	-35.11	-	-	-35.32	-35.29	-	-
Result			Compliance											

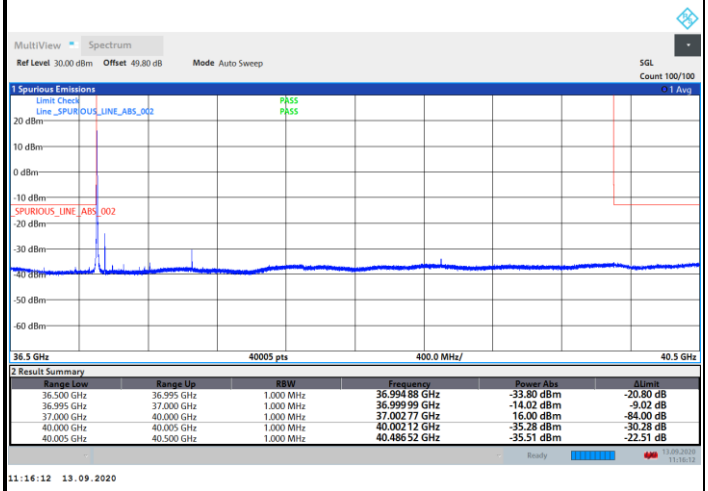
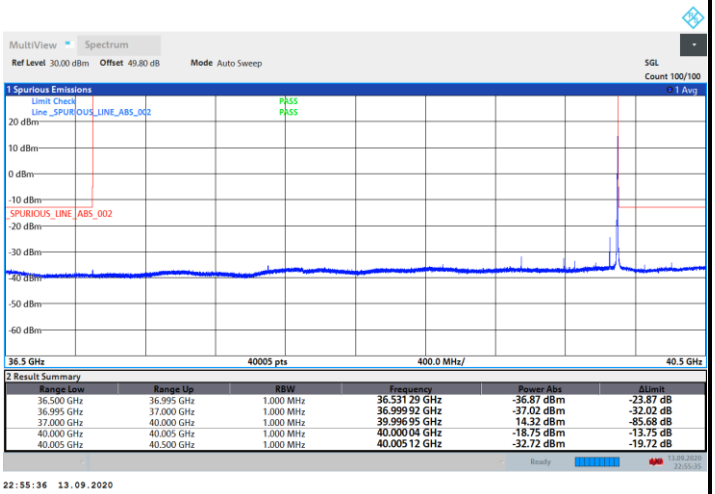
Mode			CP-OFDM Module 0 NR Band n260 : BE (dBm) 1 RB								
BW			50MHz			100MHz			400MHz		
Limit (dBm)			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Low CH	0~10%OB	≦-5	-18.97	-	-	-22.39	-	-	-24.77	-	-
	>10%OB	≦-13	-36.33	-	-	-37.12	-	-	-26.37	-	-
High CH	0~10%OB	≦-5	-22.87	-	-	-27.77	-	-	-32.77	-	-
	>10%OB	≦-13	-34.58	-	-	-35.26	-	-	-35.31	-	-
Result			Compliance								

Mode			DFT-s-OFDM Module 0 NR Band n260 : BE (dBm) Full RB											
BW			50MHz				100MHz				400MHz			
Limit (dBm)			BPSK	QPSK	16QAM	64QAM	BPSK	QPSK	16QAM	64QAM	BPSK	QPSK	16QAM	64QAM
Low CH	0~10%OB	≦-5	-25.65	-20.85	-	-	-29.1	-24.84	-	-	-35.23	-33.58	-	-
	>10%OB	≦-13	-31.88	-23.91	-	-	-34.14	-28.2	-	-	-34.73	-33.4	-	-
High CH	0~10%OB	≦-5	-30.56	-28.07	-	-	-34.21	-31.81	-	-	-34.73	-34.2	-	-
	>10%OB	≦-13	-34.78	-30.9	-	-	-35.17	-33.22	-	-	-35.16	-34.78	-	-
Result			Compliance											

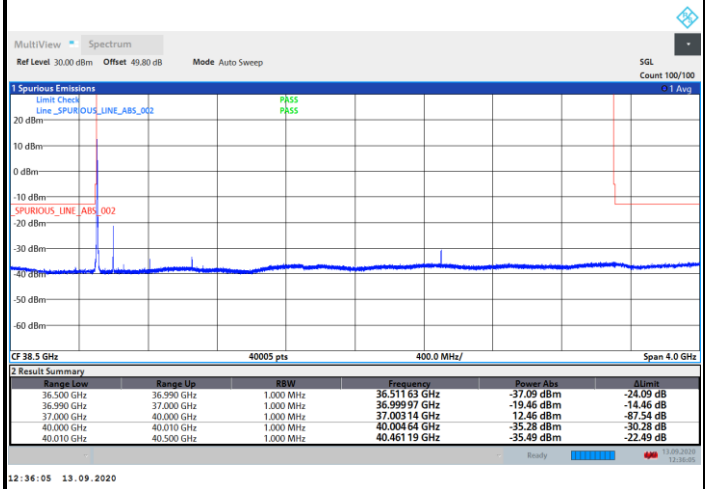
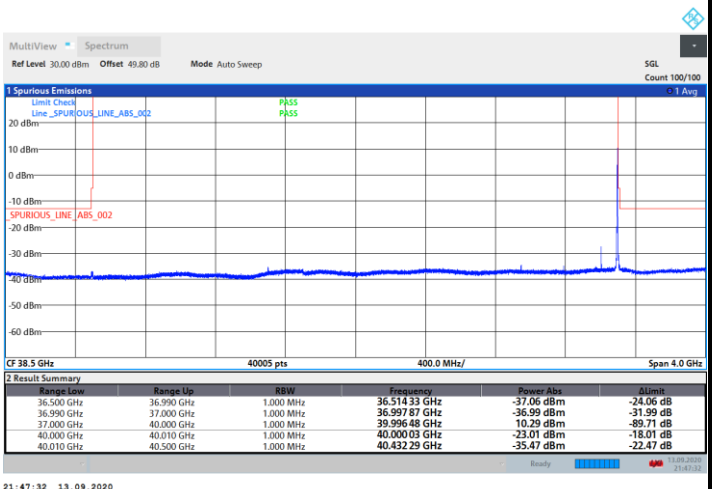
Mode			CP-OFDM Module 0 NR Band n260 : BE (dBm) Full RB								
BW			50MHz			100MHz			400MHz		
Limit (dBm)			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Low CH	0~10%OB	≦-5	-25.67	-	-	-29.12	-	-	-32.7	-	-
	>10%OB	≦-13	-28.55	-	-	-31.72	-	-	-34.33	-	-
High CH	0~10%OB	≦-5	-31.58	-	-	-33.78	-	-	-34.72	-	-
	>10%OB	≦-13	-33.49	-	-	-34.8	-	-	-35.06	-	-
Result			Compliance								

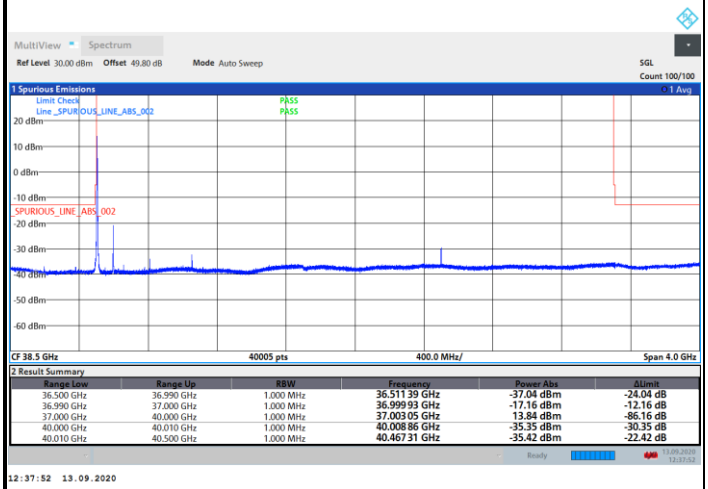
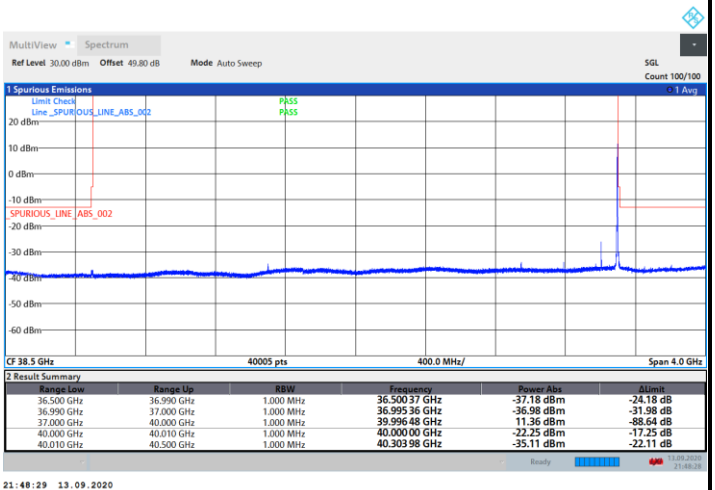
DFT-s-OFDM Module 0

NR Band n260 / 50MHz / BPSK	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	
11:03:38 13.09.2020	22:55:00 13.09.2020

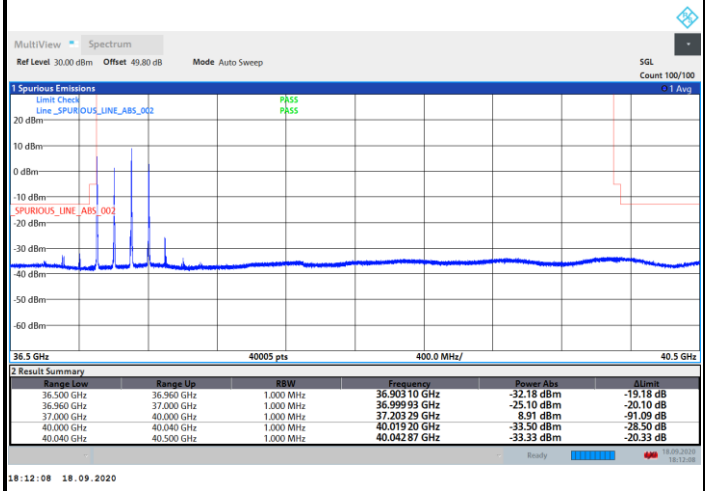
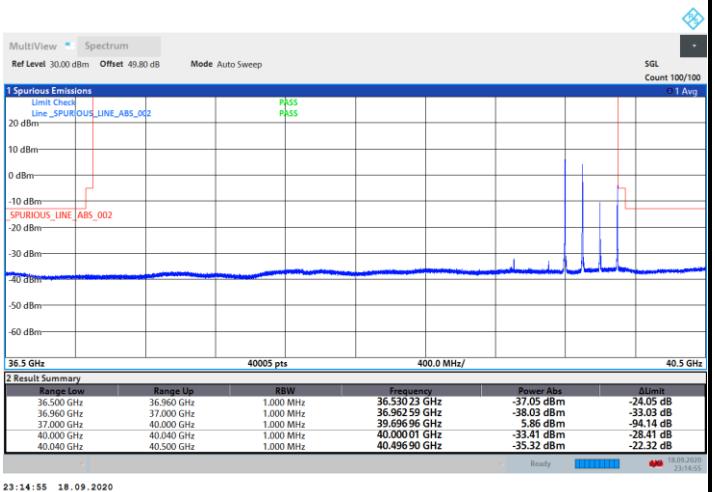
NR Band n260 / 50MHz / QPSK	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	
11:16:12 13.09.2020	22:55:36 13.09.2020

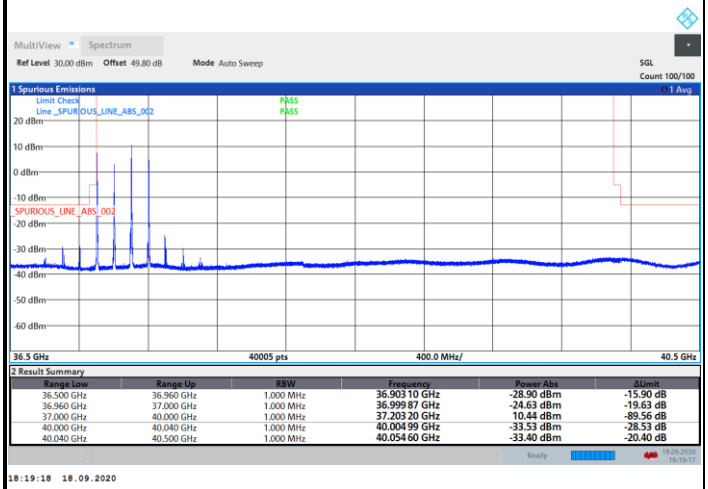
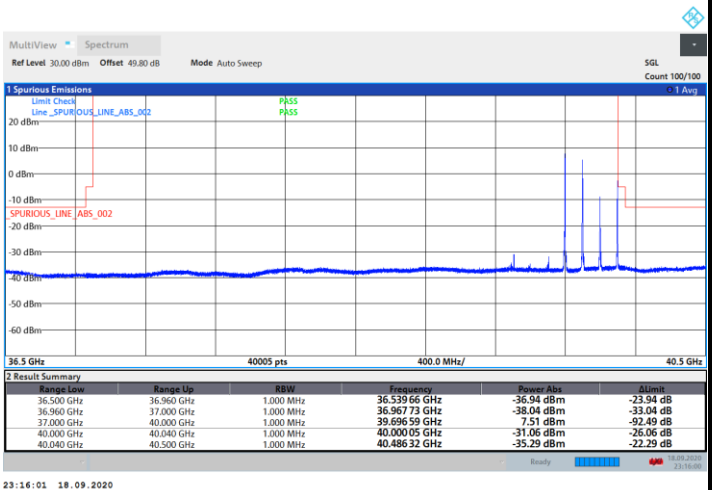
DFT-s-OFDM Module 0

NR Band n260 / 100MHz / BPSK	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	
12:36:05 13.09.2020	21:47:32 13.09.2020

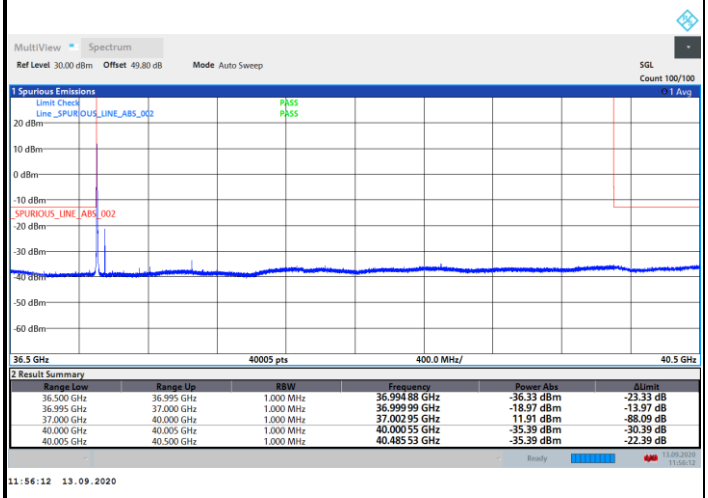
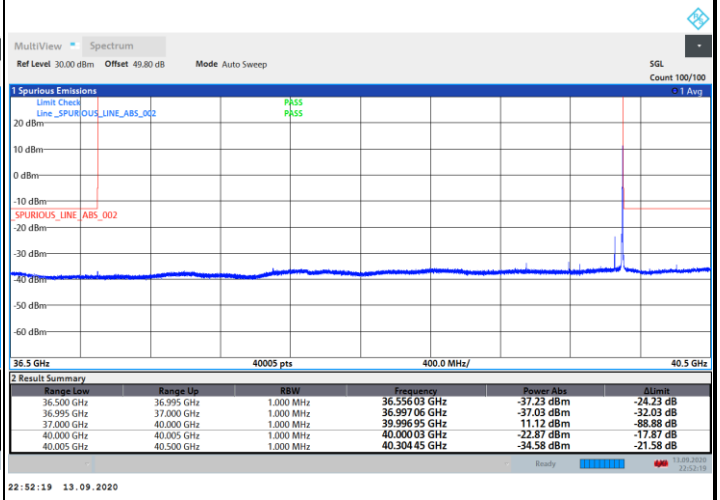
NR Band n260 / 100MHz / QPSK	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	
12:37:52 13.09.2020	21:48:29 13.09.2020

DFT-s-OFDM Module 0

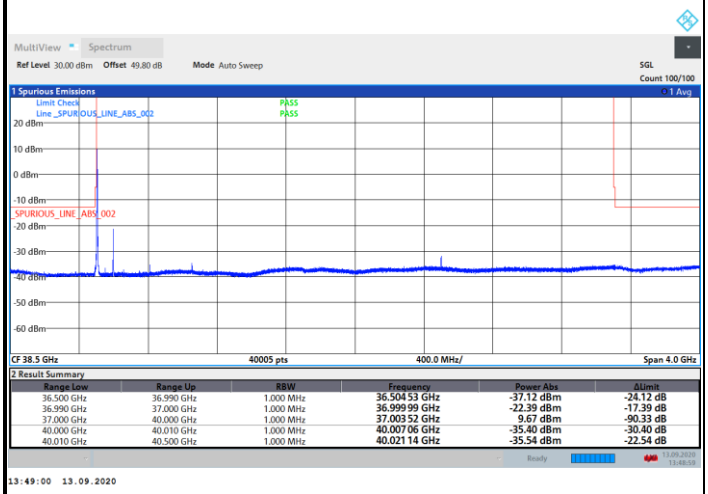
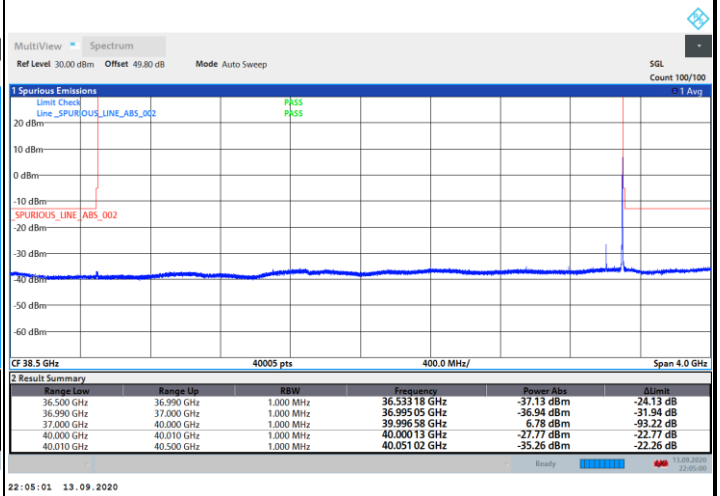
NR Band n260 / 400MHz / BPSK	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	

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

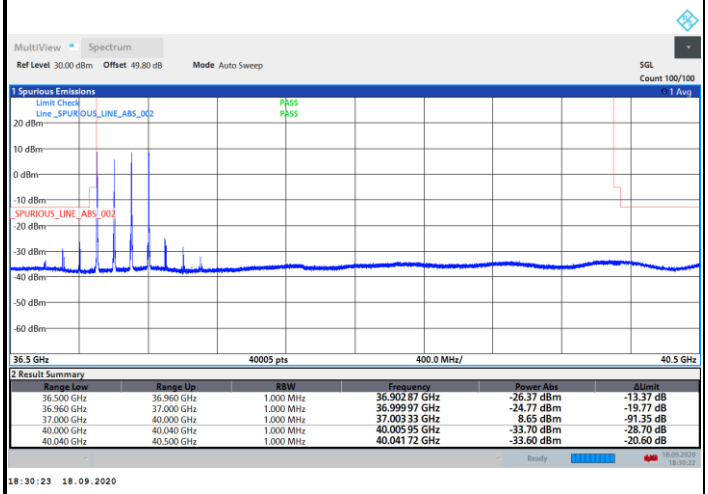
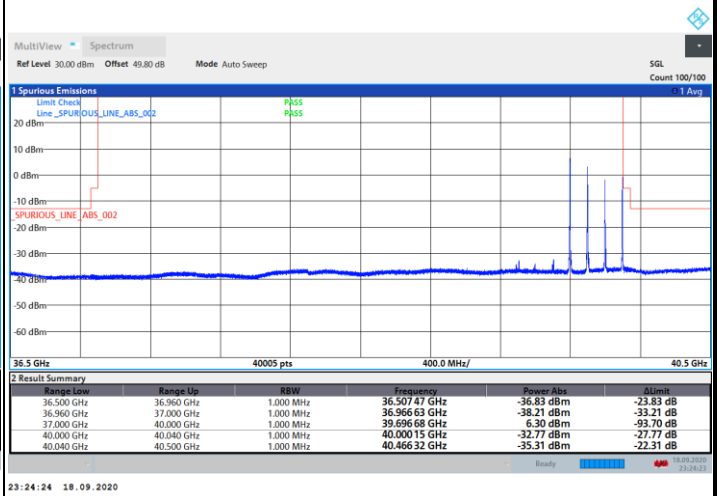
CP-OFDM Module 0

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

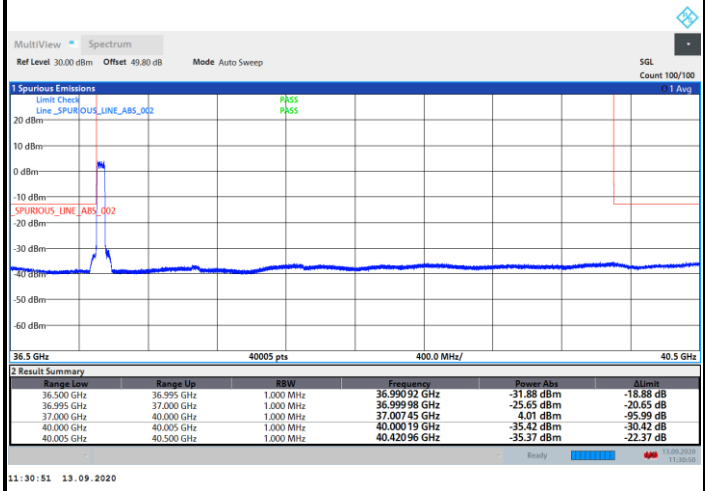
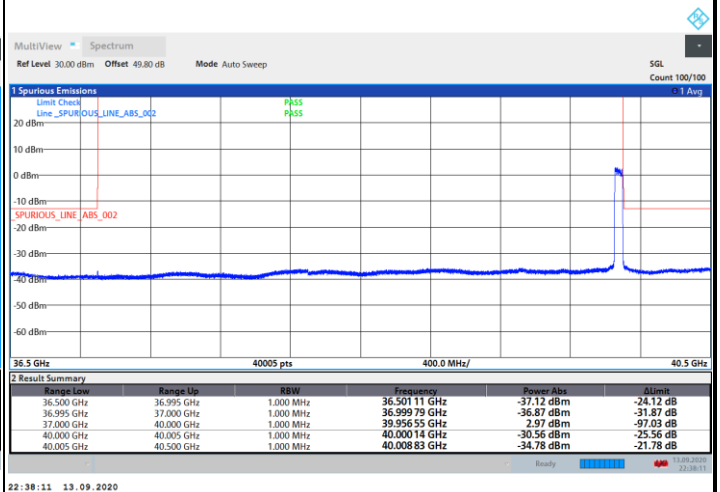
CP-OFDM Module 0

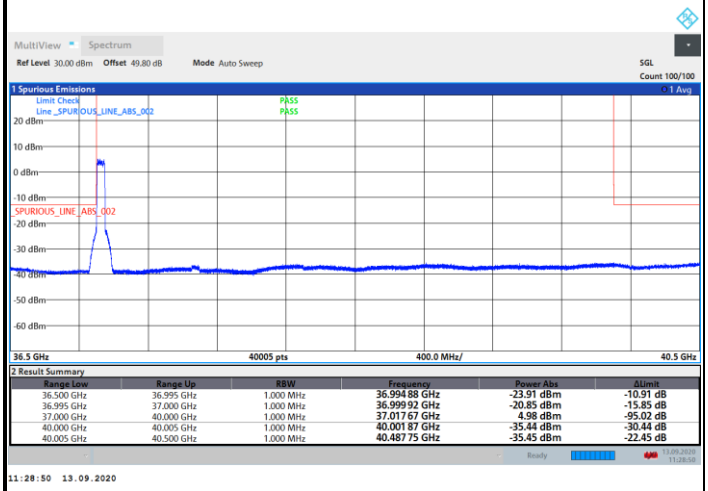
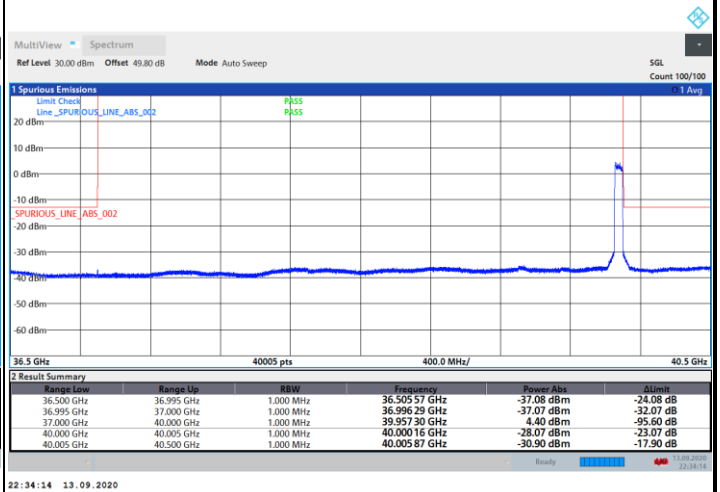
NR Band n260 / 100MHz / QPSK	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	

CP-OFDM Module 0

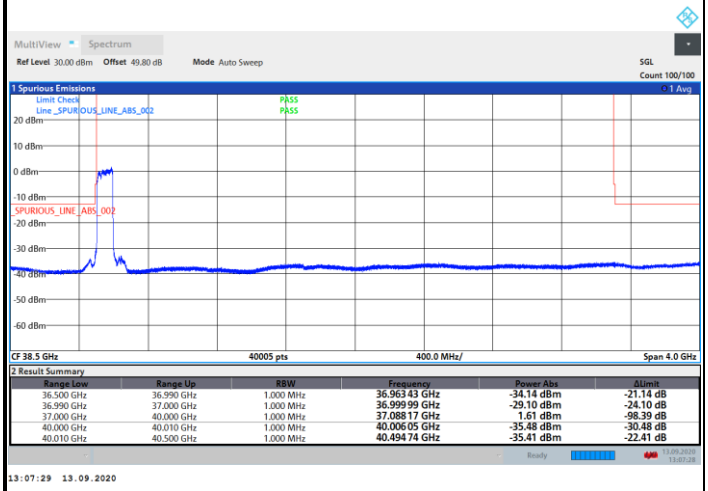
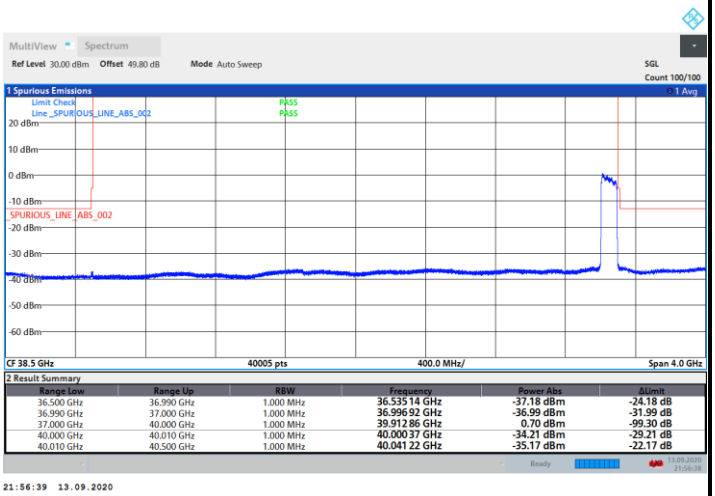
NR Band n260 / 400MHz / QPSK	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	

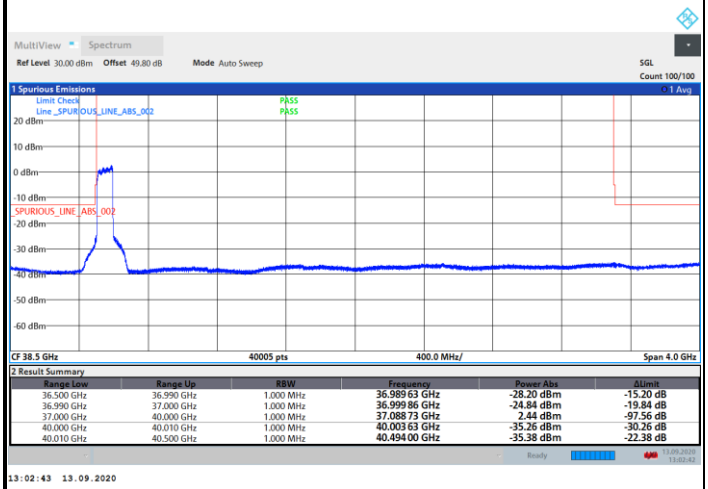
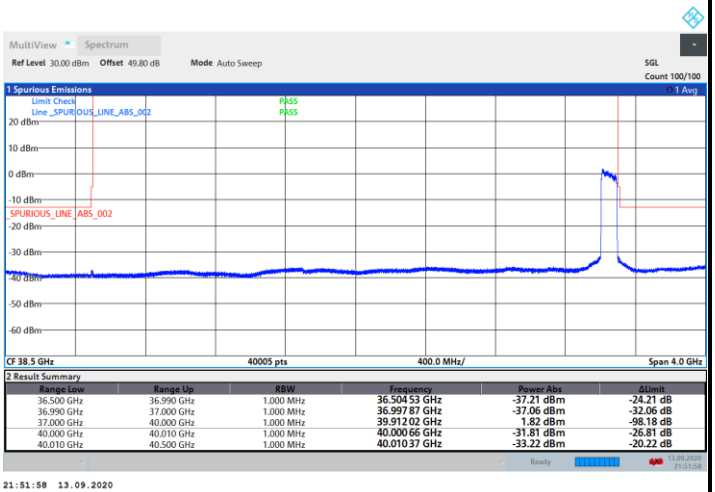
DFT-s-OFDM Module 0

NR Band n260 / 50MHz / BPSK	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	
11:30:51 13.09.2020	22:38:11 13.09.2020

NR Band n260 / 50MHz / QPSK	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	
11:28:50 13.09.2020	22:34:14 13.09.2020

DFT-s-OFDM Module 0

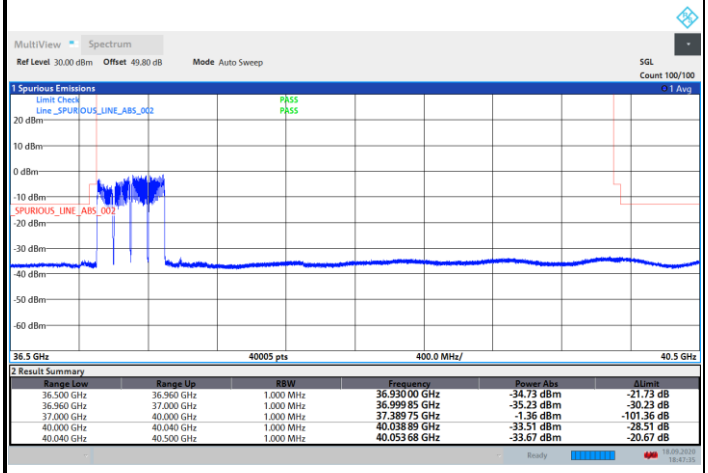
NR Band n260 / 100MHz / BPSK	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

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

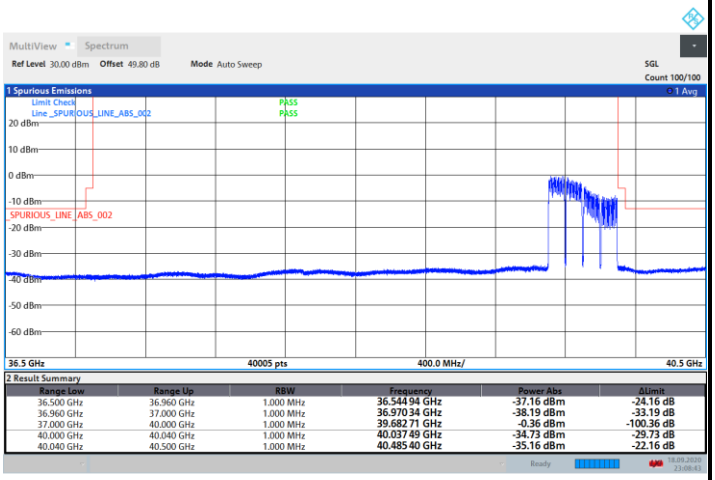
DFT-s-OFDM Module 0

NR Band n260 / 400MHz / BPSK

Lowest Band Edge / Full RB

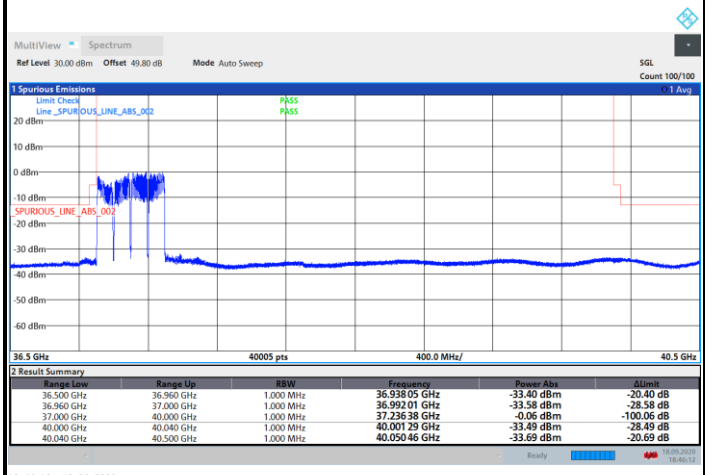


Highest Band Edge / Full RB

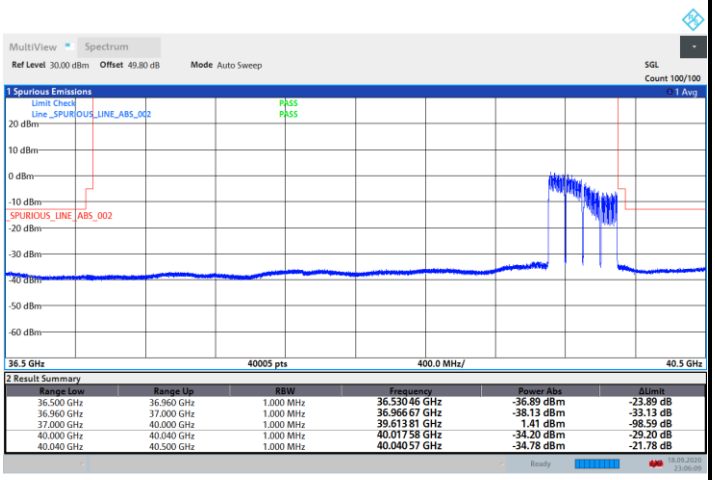


NR Band n260 / 50MHz / QPSK

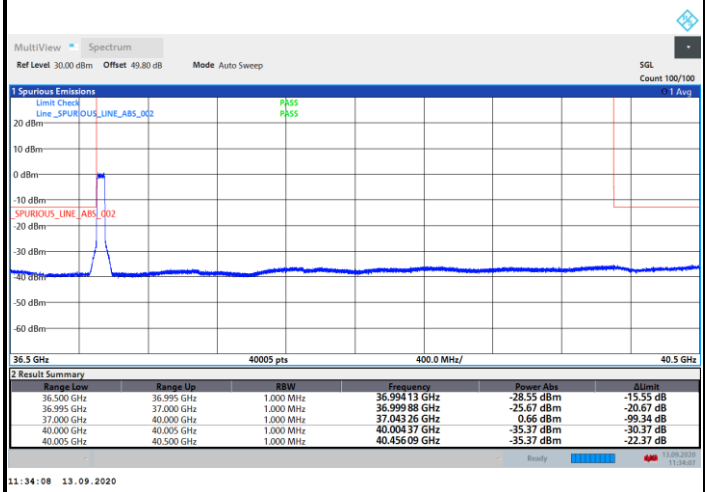
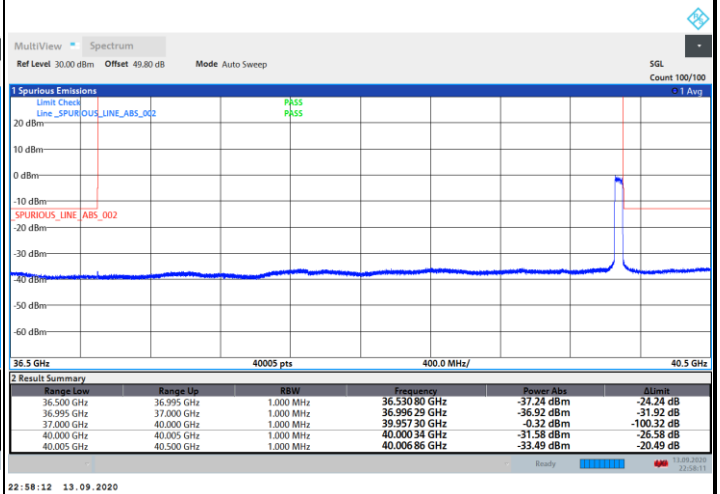
Lowest Band Edge / Full RB



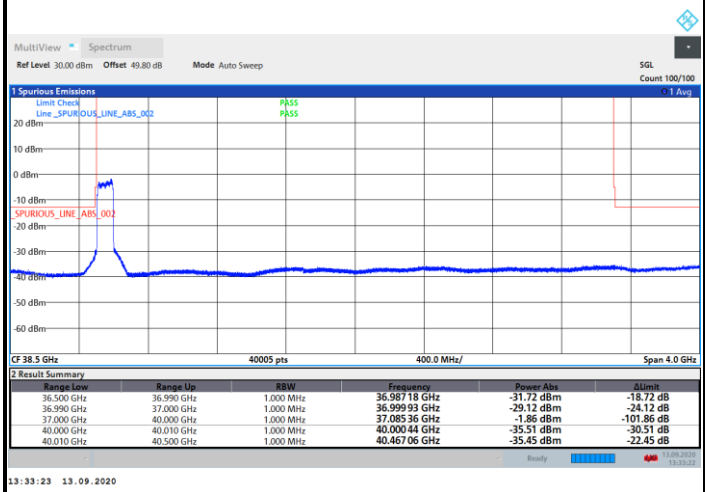
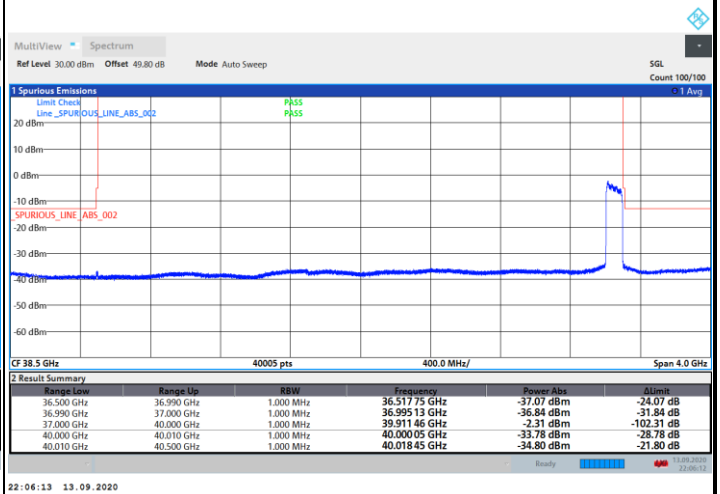
Highest Band Edge / Full RB



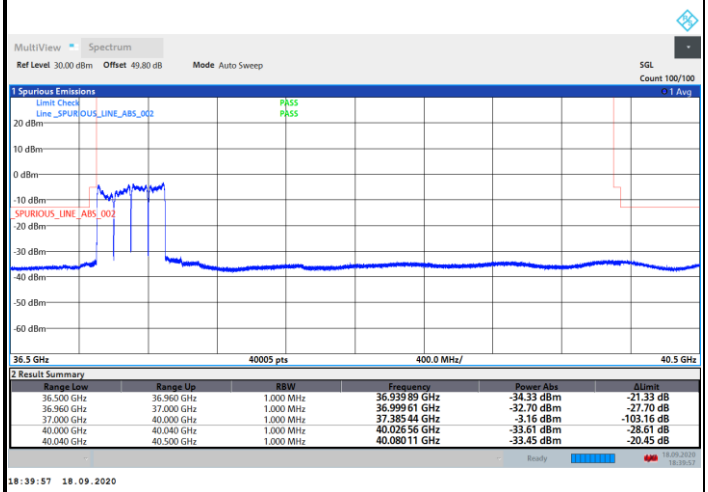
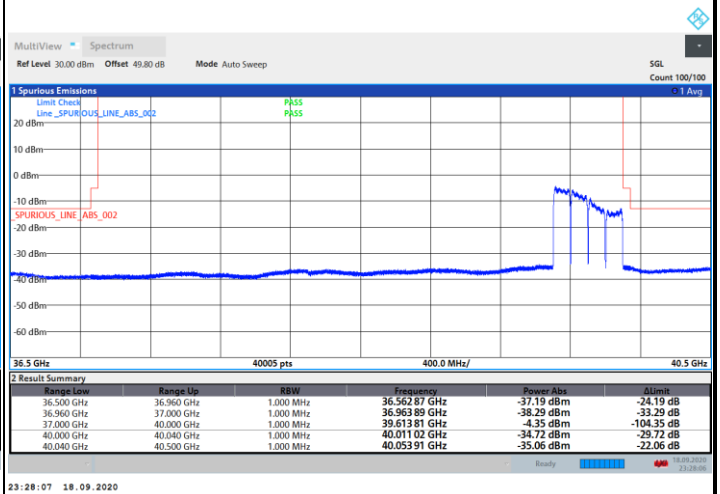
CP-OFDM Module 0

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**
	

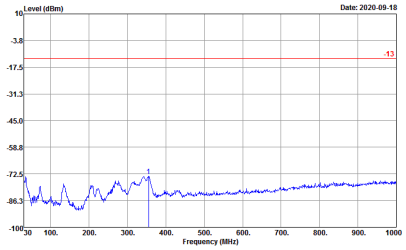
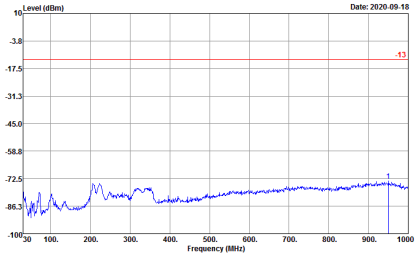
CP-OFDM Module 0

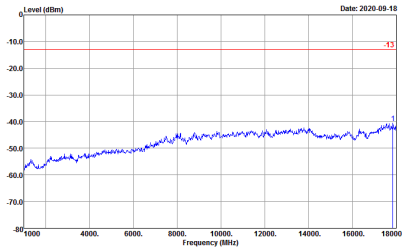
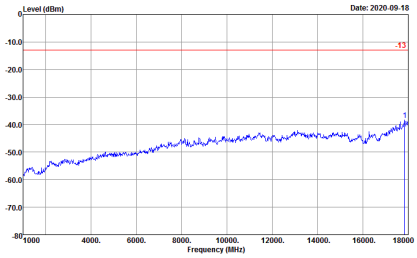
NR Band n260 / 400MHz / QPSK	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

Spurious Emission

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

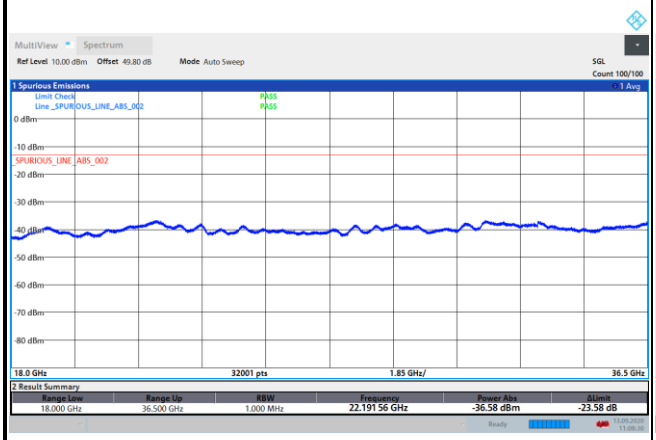
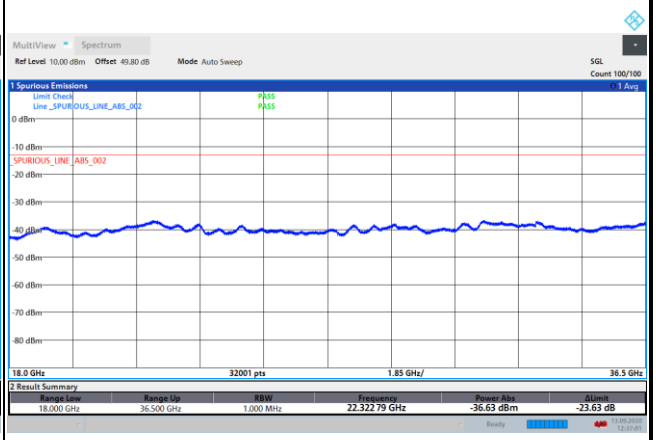
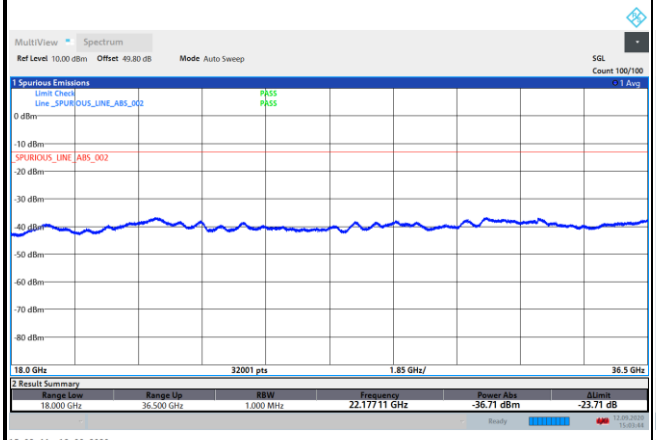
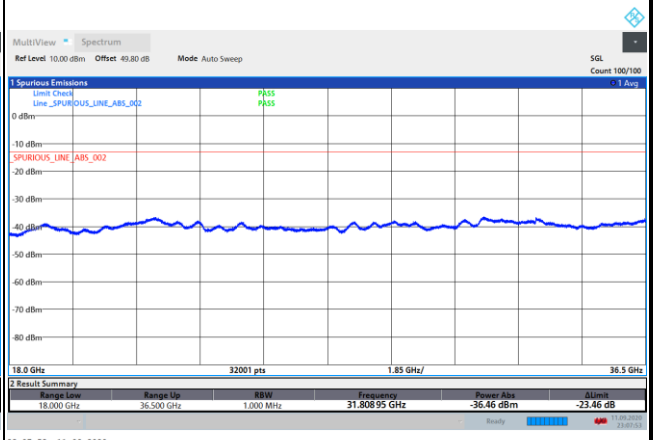
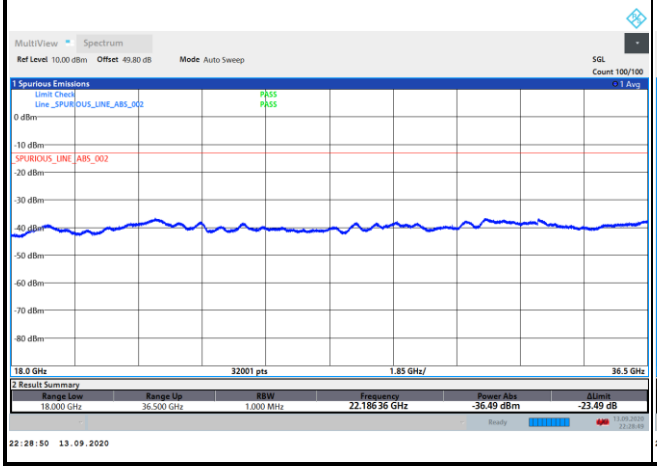
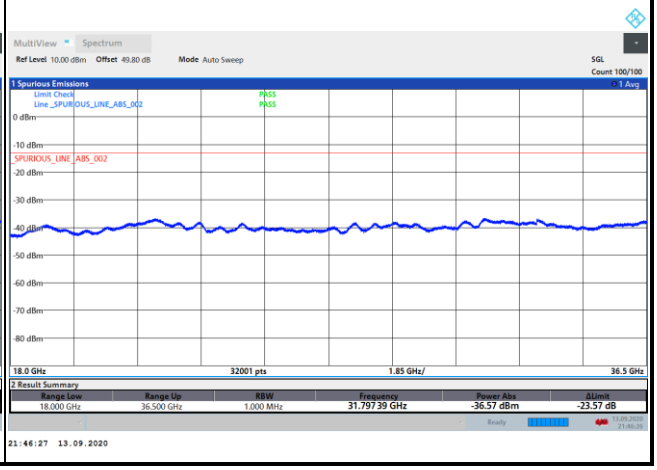
Only the noise floor is reported.

NR Band n260 (30MHz-1GHz)	
Horizontal	**Vertical**
 Site : 03CH10-HY Condition : -13 EIRP_WO HORIZONTAL Project : 070206 : n260 NB Freq / Level / Over Limit / Limit Line MHz / dBm / dB / dBm 1 354.95 -73.65 -60.65 -13.00	 Site : 03CH10-HY Condition : -13 EIRP_WO VERTICAL Project : 070206 : n260 NB Freq / Level / Over Limit / Limit Line MHz / dBm / dB / dBm 1 950.53 -73.75 -60.75 -13.00

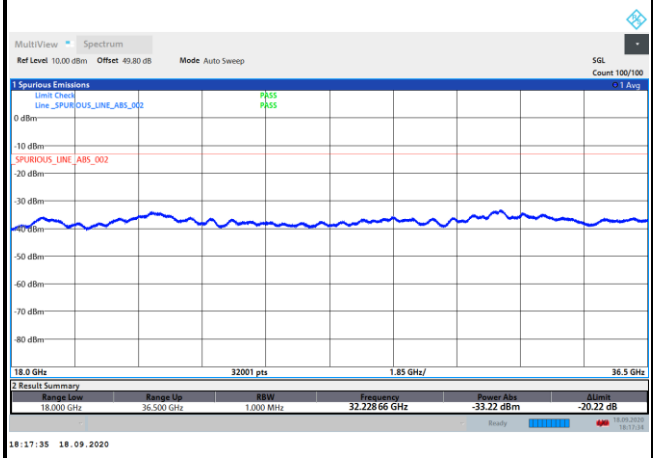
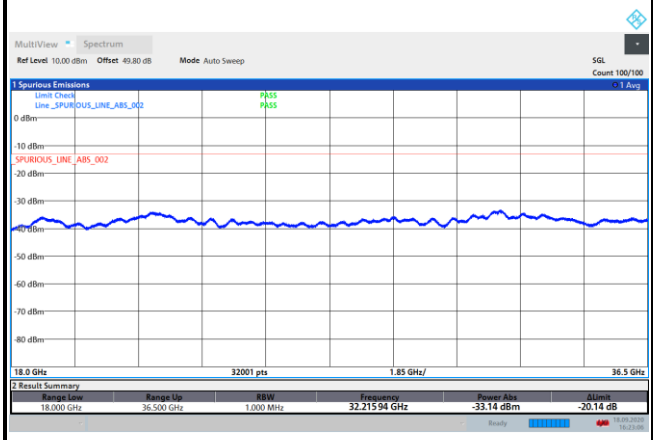
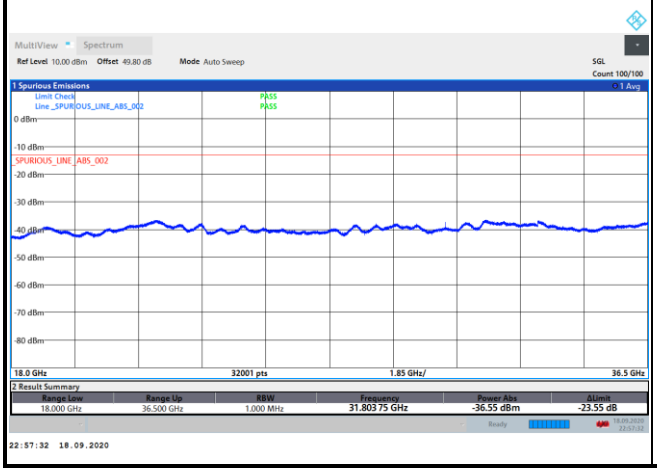
NR Band n260 (1GHz-18GHz)	
Horizontal	**Vertical**
 Site : 03CH10-HY Condition : -13 EIRP_WO HORIZONTAL Project : 070206 : n260 NB Freq / Level / Over Limit / Limit Line MHz / dBm / dB / dBm 1 17847.00 -40.58 -27.58 -13.00	 Site : 03CH10-HY Condition : -13 EIRP_WO VERTICAL Project : 070206 : n260 NB Freq / Level / Over Limit / Limit Line MHz / dBm / dB / dBm 1 17847.00 -38.35 -25.35 -13.00

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

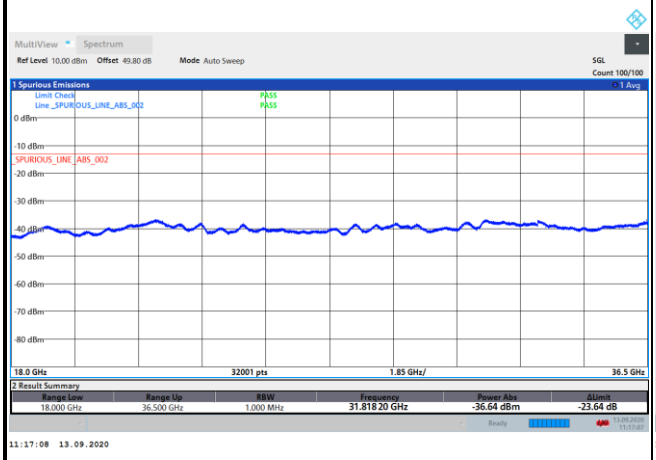
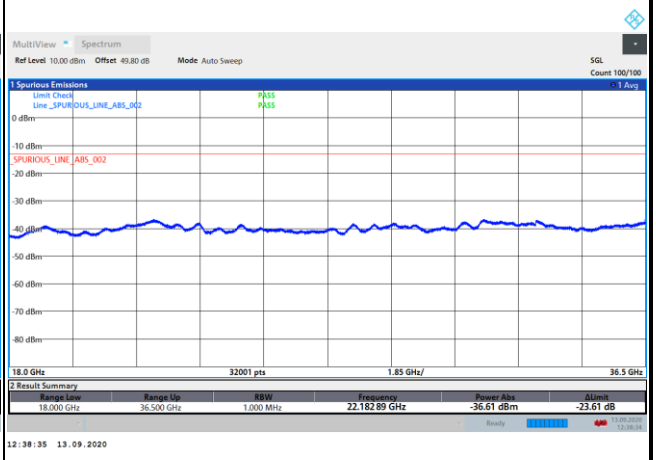
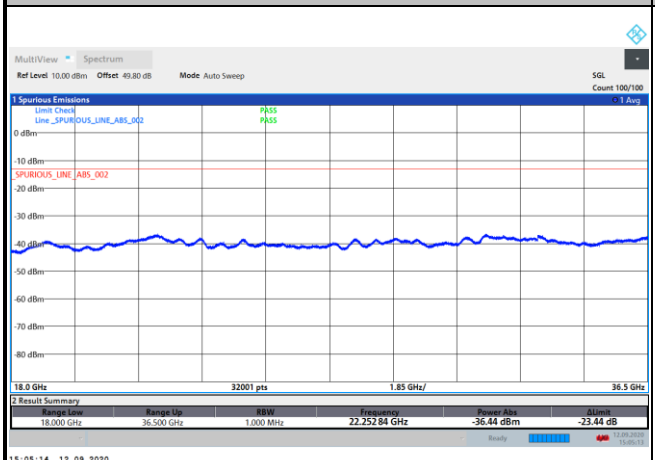
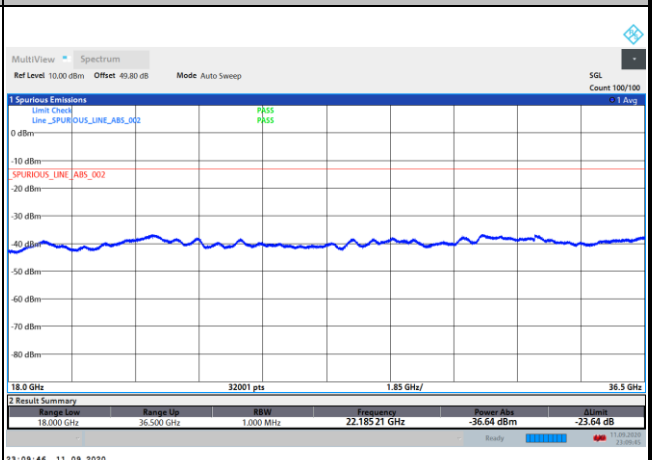
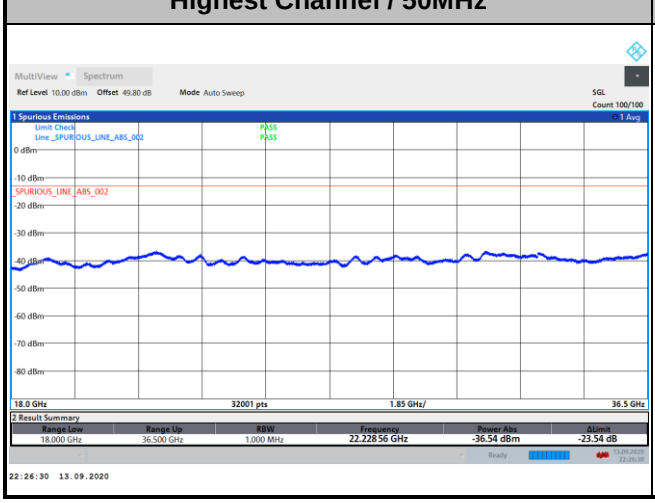
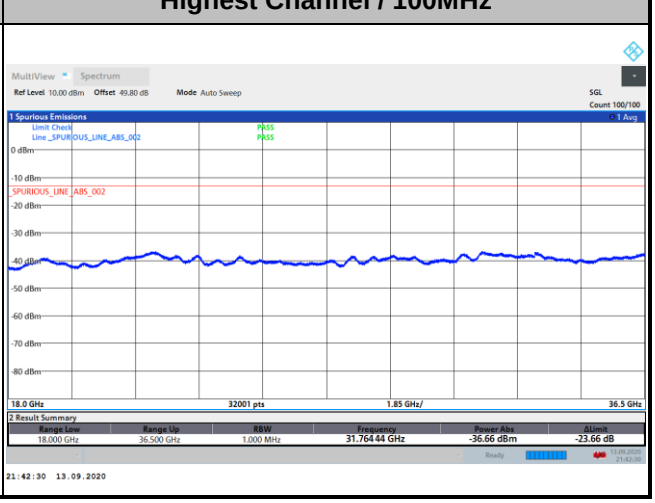
DFT-s-OFDM Module 0

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

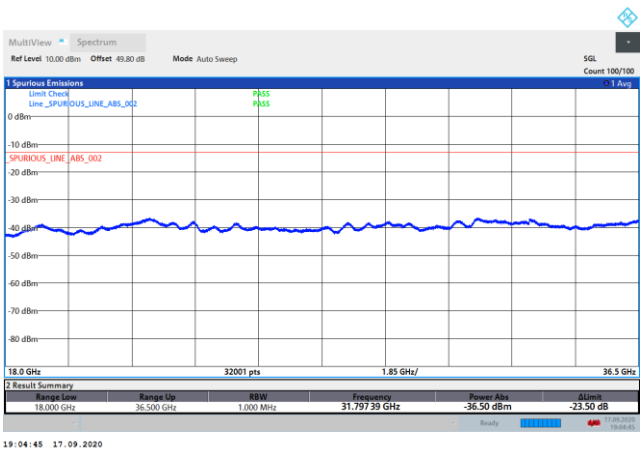
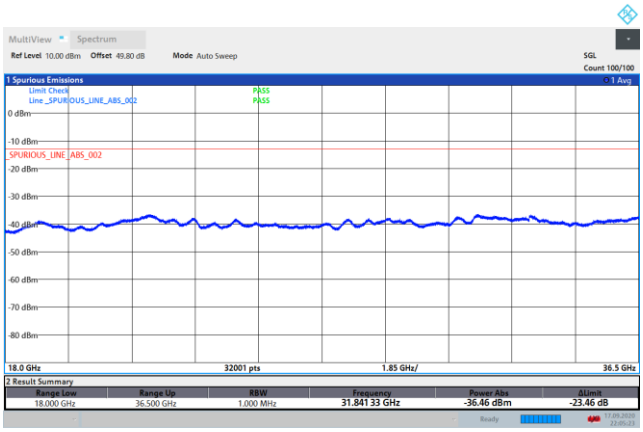
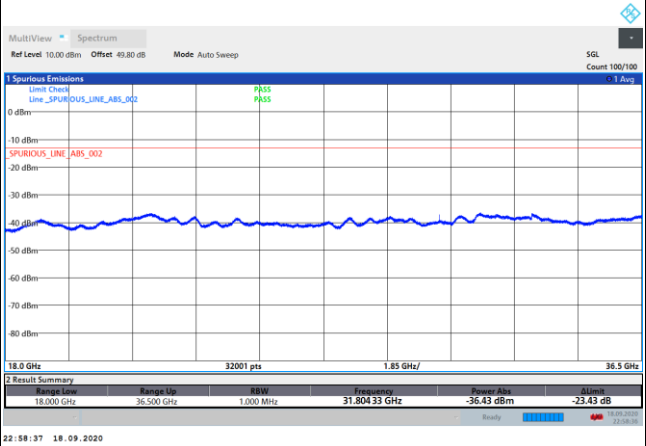
DFT-s-OFDM Module 0

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

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**
	

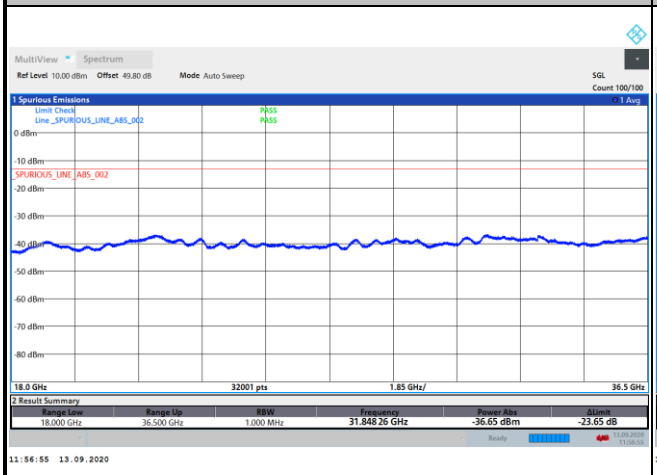
DFT-s-OFDM Module 0

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

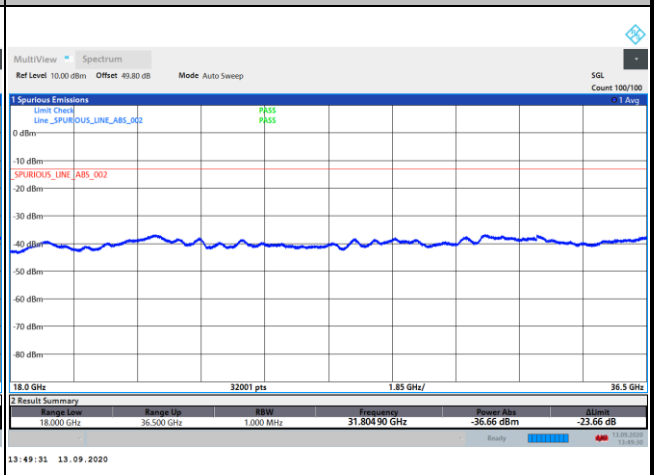
CP-OFDM Module 0

NR Band n260 QPSK (18-40GHz)

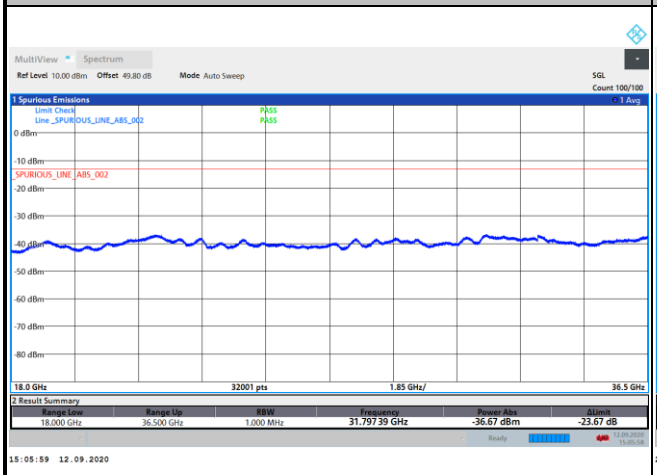
Lowest Channel / 50MHz



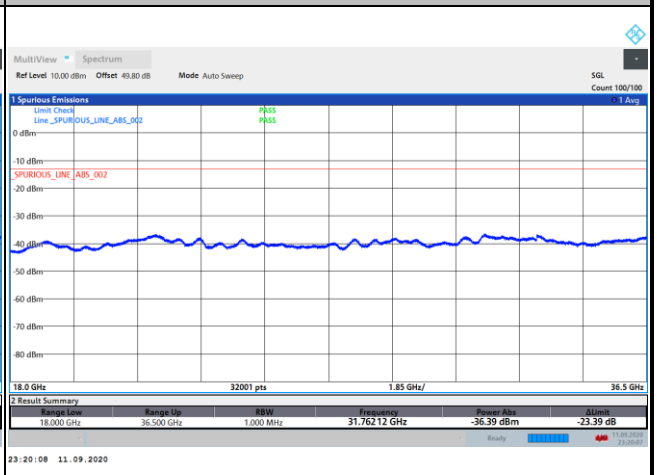
Lowest Channel / 100MHz



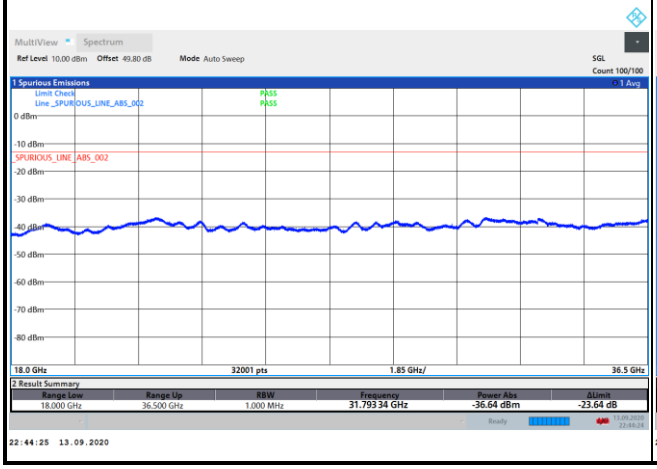
Middle Channel / 50MHz



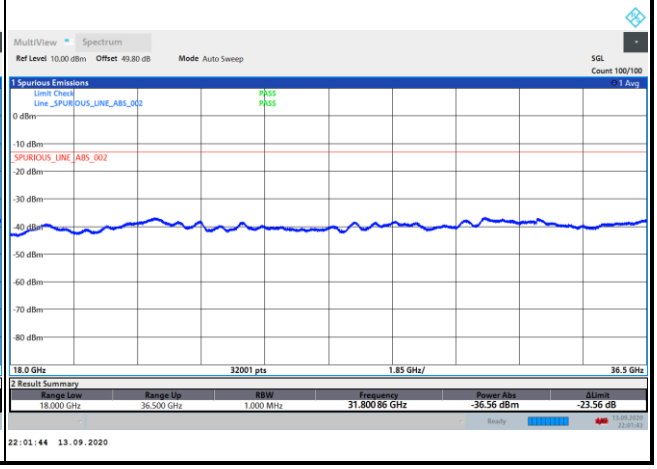
Middle Channel / 100MHz



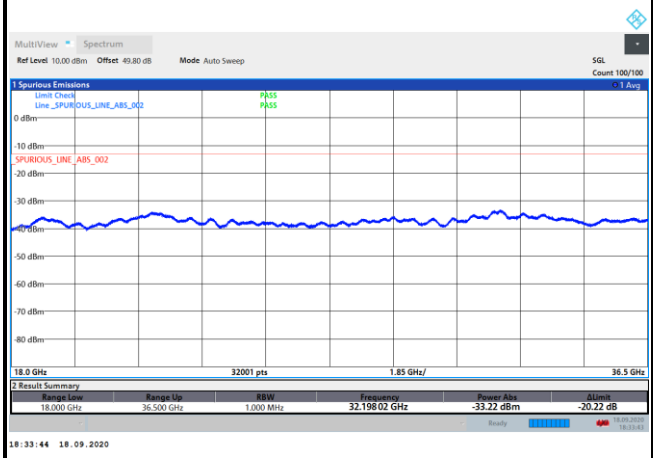
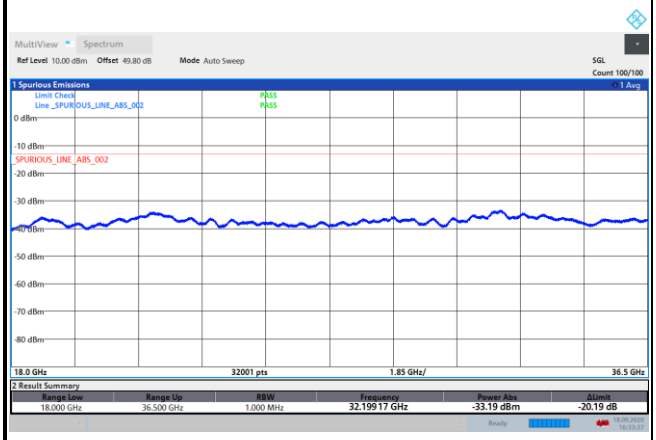
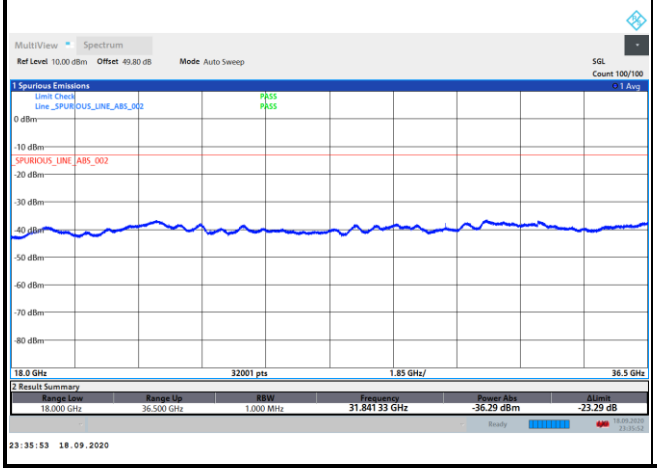
Highest Channel / 50MHz



Highest Channel / 100MHz



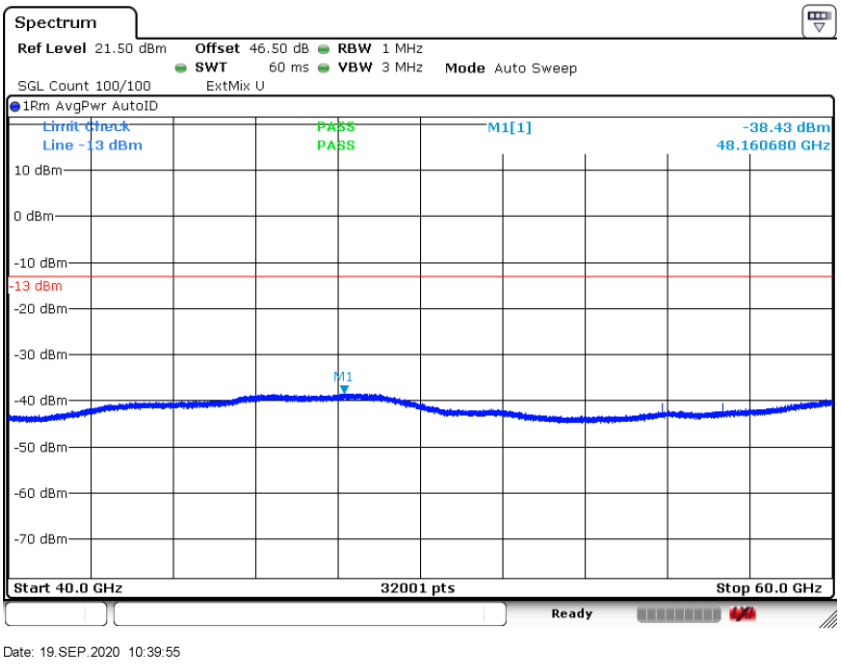
CP-OFDM Module 0

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.

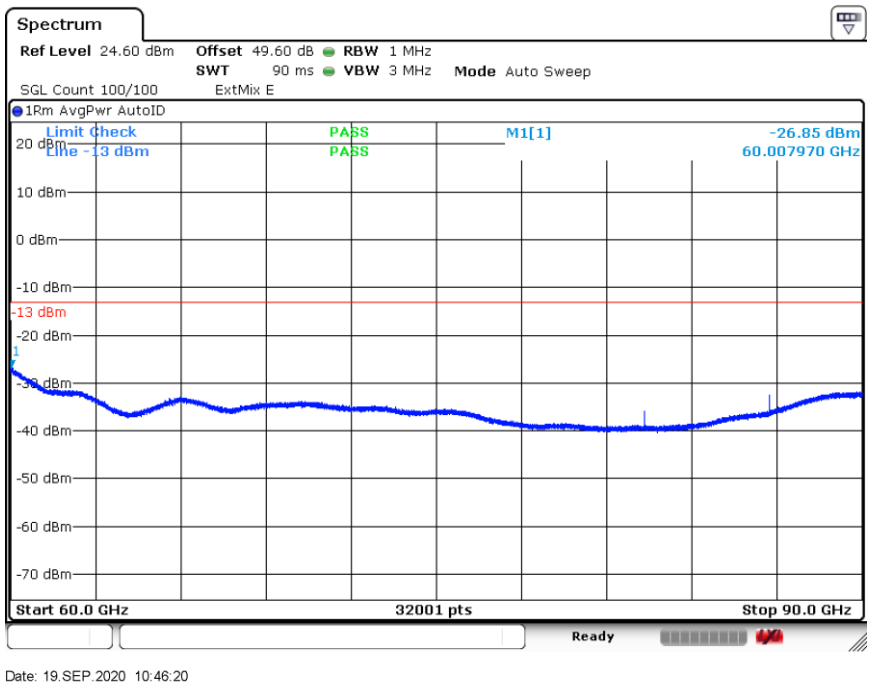
NR Band n260
(40GHz-60GHz)



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

= 42.3 + 2 + 107 + 20log(1) – 104.8 = 46.5 (dB)

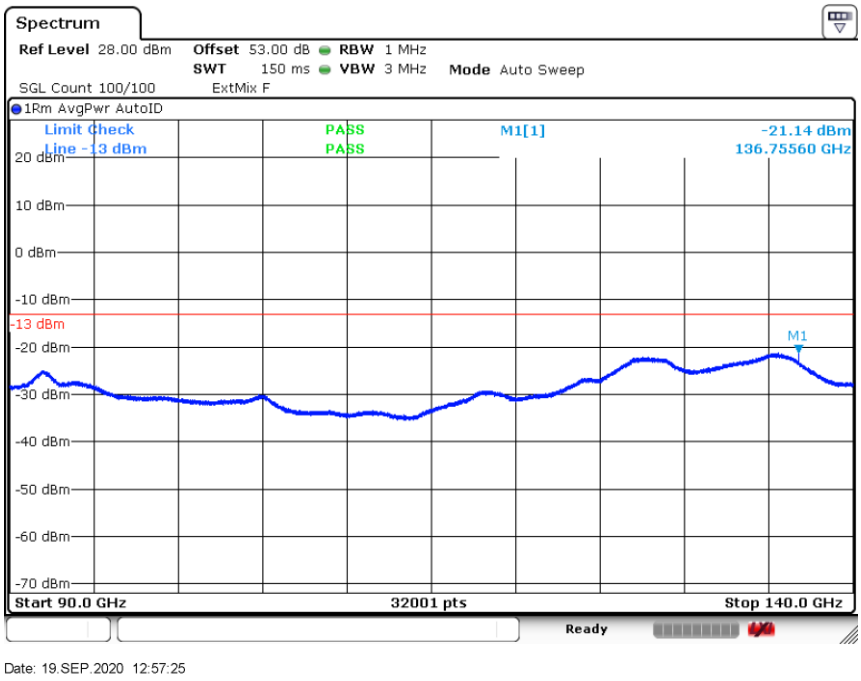
NR Band n260
(60GHz-90GHz)



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

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

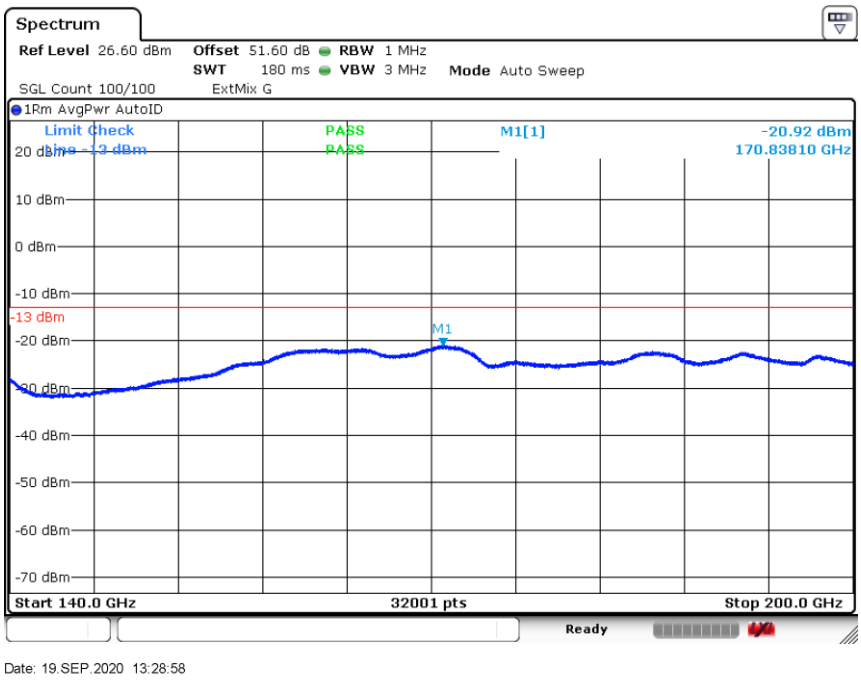
NR Band n260
(90GHz-140GHz)



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)

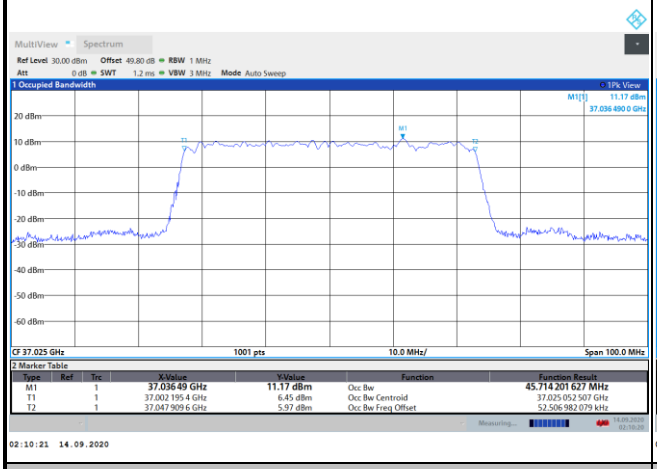
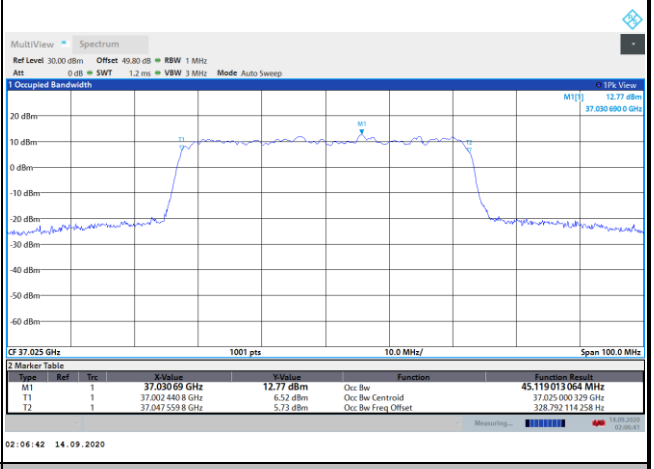
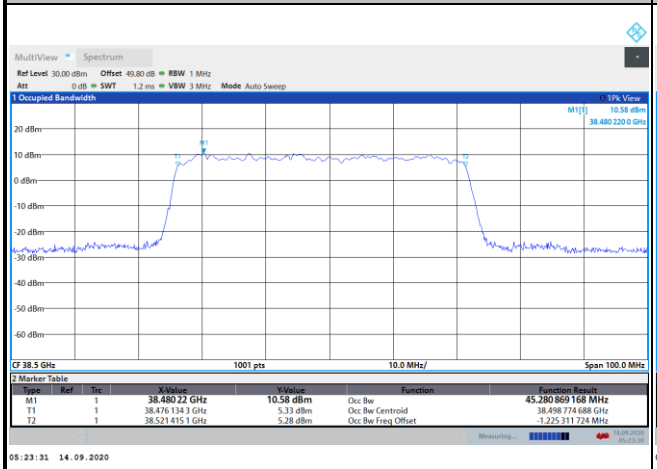
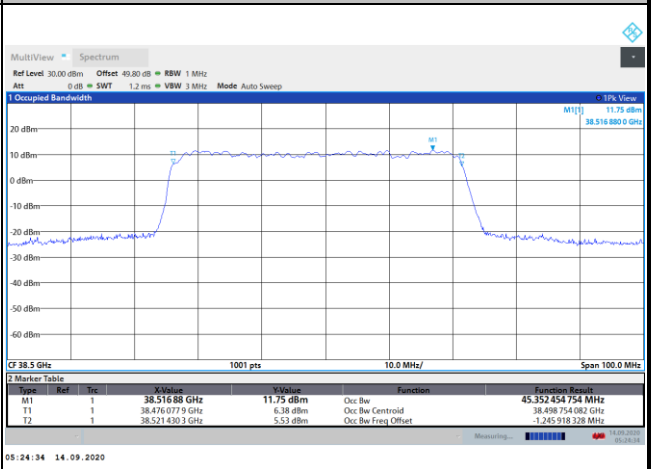
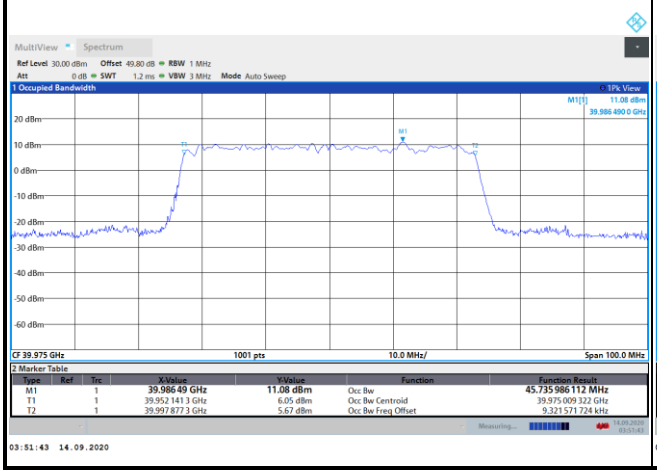
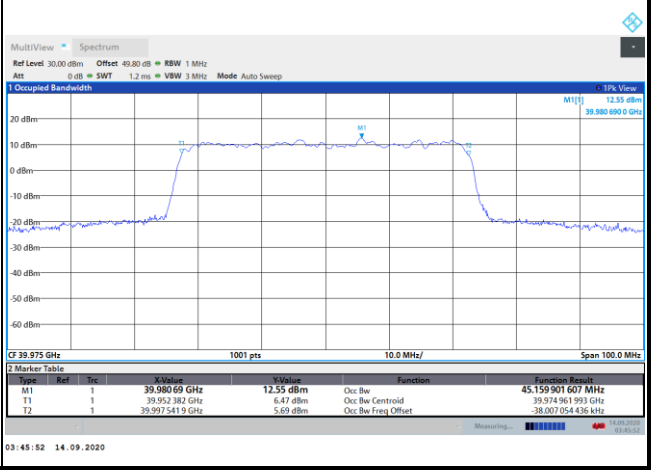
NR Band n260 Module 1 AG0

Occupied Bandwidth

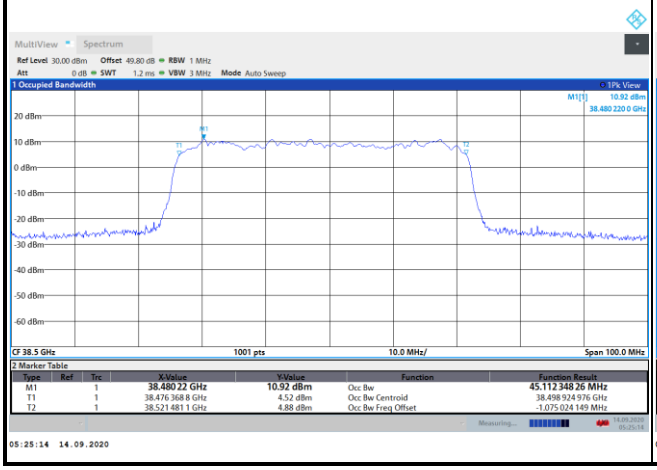
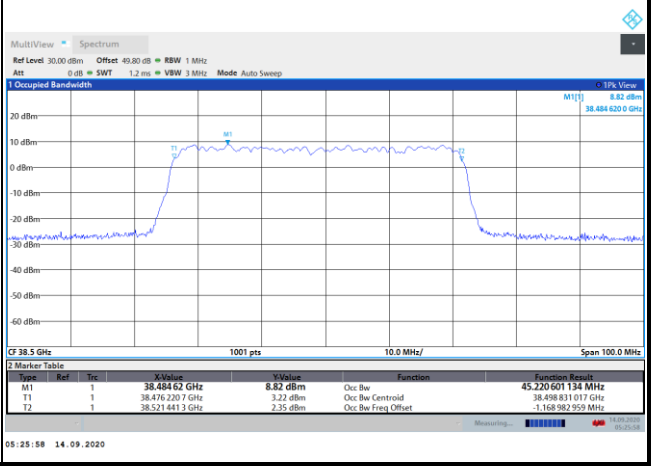
Mode	DFT-s-OFDM Module 1 NR Band n260 : 99%OBW(MHz)											
BW	50MHz				100MHz				400MHz			
Mod.	BPSK	QPSK	16QAM	64QAM	BPSK	QPSK	16QAM	64QAM	BPSK	QPSK	16QAM	64QAM
Lowest CH	45.71	45.11	-	-	90.47	90.44	-	-	388.67	388.55	-	-
Middle CH	45.28	45.35	45.11	45.22	90.58	90.44	90.46	90.26	386.74	386.74	386.20	387.60
Highest CH	45.73	45.15	-	-	90.44	90.50	-	-	386.48	386.72	-	-

Mode	CP-OFDM Module 1 NR Band n260 : 99%OBW(MHz)								
BW	50MHz			100MHz			400MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	45.19	-	-	92.91	-	-	392.16	-	-
Middle CH	45.28	45.34	45.26	93.02	92.48	92.81	389.16	390.01	391.37
Highest CH	45.30	-	-	92.67	-	-	389.79	-	-

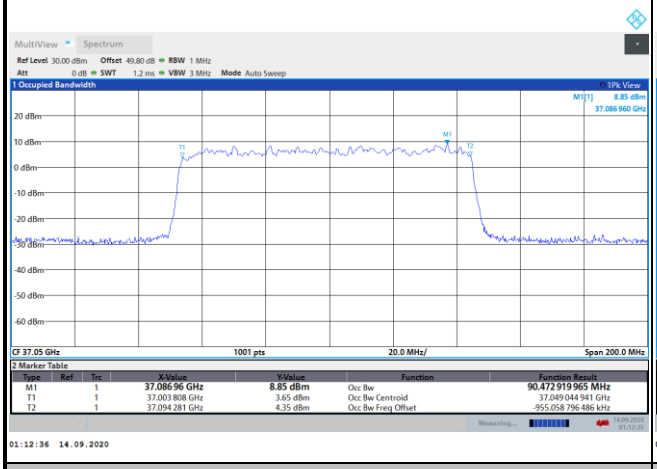
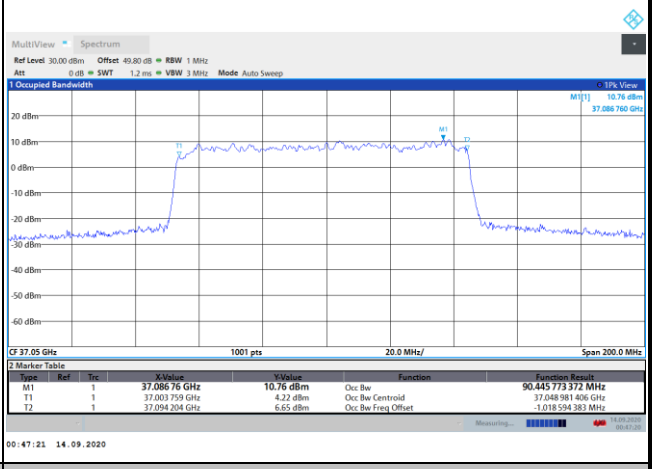
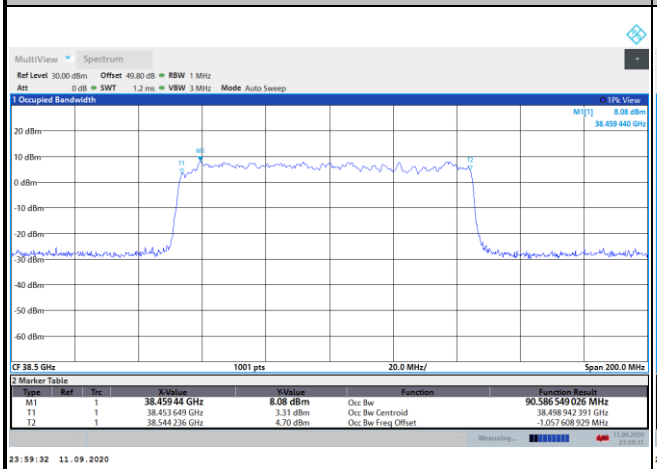
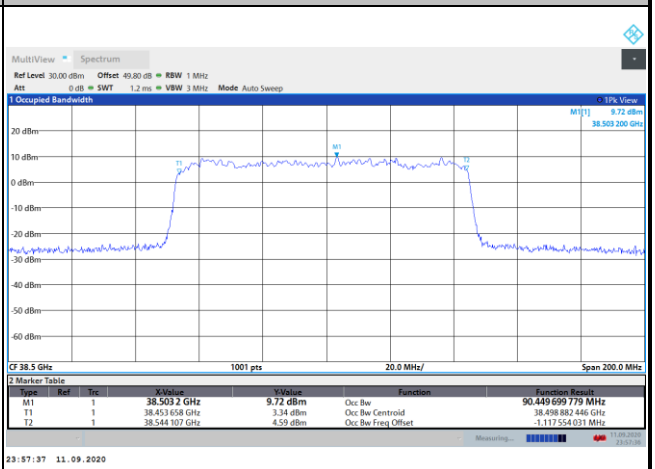
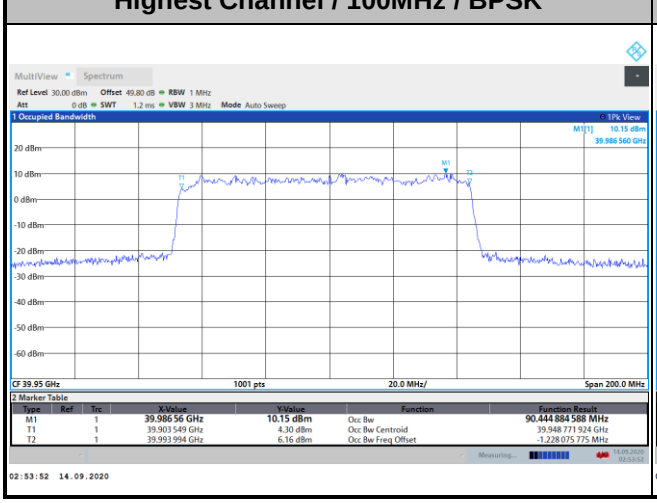
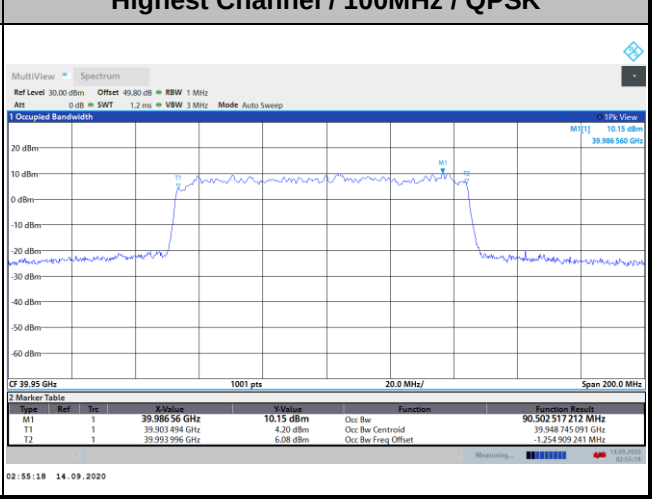
DFT-s-OFDM Module 1

NR Band n260	
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 1

NR Band n260	
Middle Channel / 50MHz / 16QAM	**Middle Channel / 50MHz / 64QAM**
	

DFT-s-OFDM Module 1

NR Band n260	
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 1

NR Band n260	
Middle Channel / 100MHz / 16QAM	**Middle Channel / 100MHz / 64QAM**