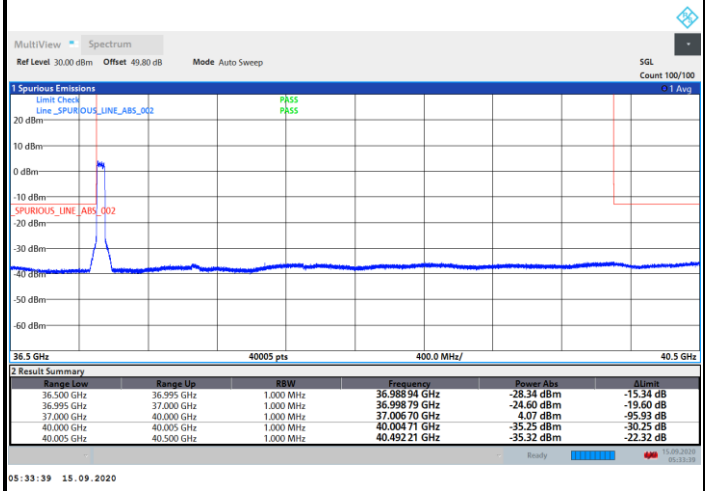
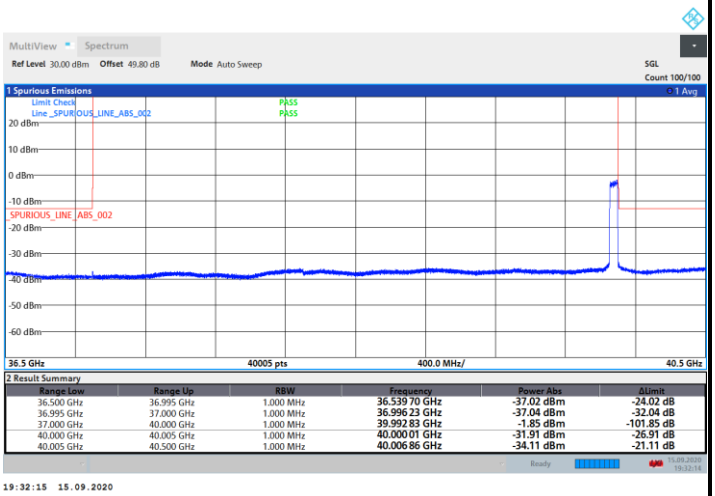
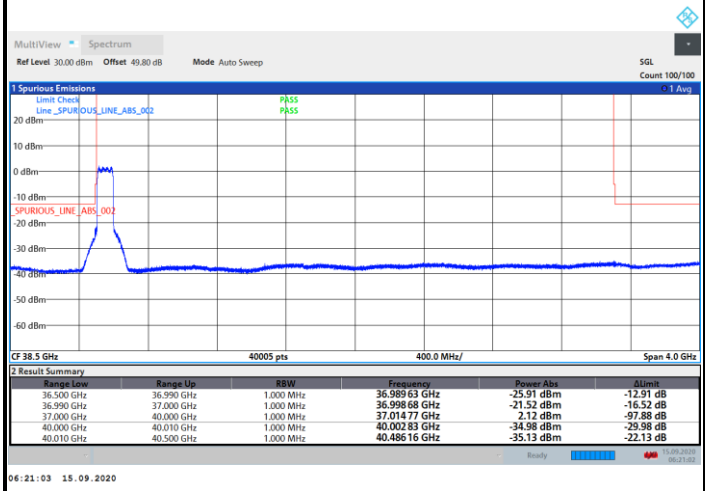
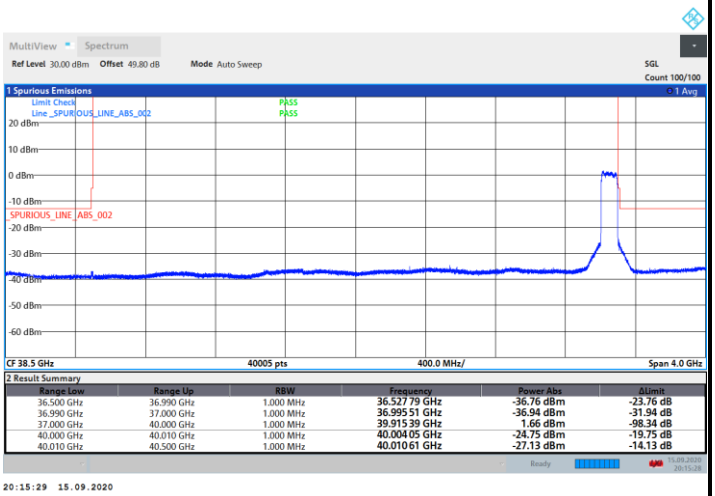
CP-OFDM Module 2

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**
	

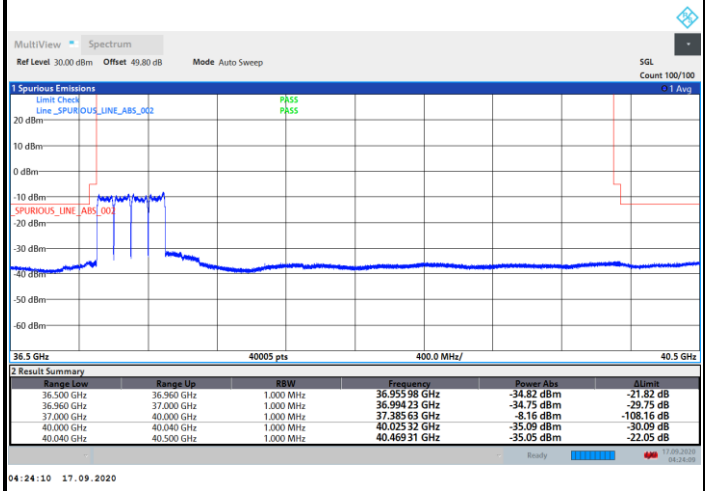
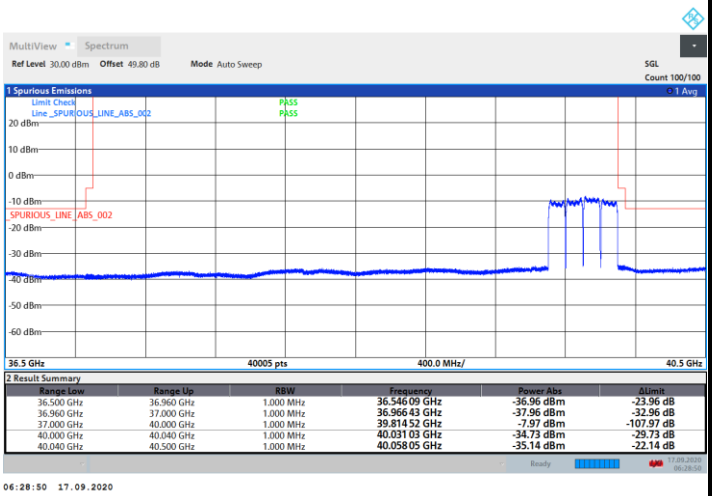
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
36.500 GHz	36.990 GHz	1.000 MHz	36.989 63 GHz	-25.91 dBm	-12.91 dB
36.990 GHz	37.000 GHz	1.000 MHz	36.998 68 GHz	-21.52 dBm	-16.52 dB
37.000 GHz	40.000 GHz	1.000 MHz	37.014 77 GHz	2.12 dBm	-97.88 dB
40.000 GHz	40.010 GHz	1.000 MHz	40.002 83 GHz	-34.98 dBm	-29.98 dB
40.010 GHz	40.500 GHz	1.000 MHz	40.486 16 GHz	-35.13 dBm	-22.13 dB

06:21:03 15.09.2020

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
36.500 GHz	36.990 GHz	1.000 MHz	36.527 79 GHz	-36.76 dBm	-23.76 dB
36.990 GHz	37.000 GHz	1.000 MHz	36.995 51 GHz	-36.94 dBm	-31.94 dB
37.000 GHz	40.000 GHz	1.000 MHz	39.915 39 GHz	1.66 dBm	-98.34 dB
40.000 GHz	40.010 GHz	1.000 MHz	40.004 05 GHz	-24.75 dBm	-19.75 dB
40.010 GHz	40.500 GHz	1.000 MHz	40.010 61 GHz	-27.13 dBm	-14.13 dB

20:15:29 15.09.2020

CP-OFDM Module 2

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

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
36.500 GHz	36.960 GHz	1.000 MHz	36.955 98 GHz	-34.82 dBm	-21.82 dB
36.960 GHz	37.000 GHz	1.000 MHz	36.994 23 GHz	-34.75 dBm	-29.75 dB
37.000 GHz	40.000 GHz	1.000 MHz	37.385 63 GHz	-8.16 dBm	-108.16 dB
40.000 GHz	40.040 GHz	1.000 MHz	40.025 32 GHz	-35.09 dBm	-30.09 dB
40.040 GHz	40.500 GHz	1.000 MHz	40.469 31 GHz	-35.05 dBm	-22.05 dB

04:24:10 17.09.2020

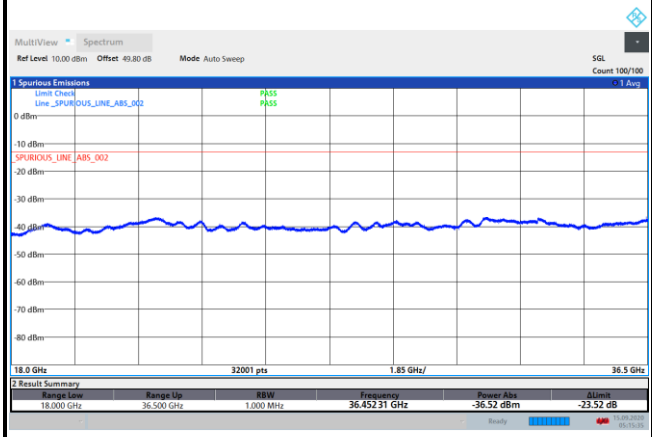
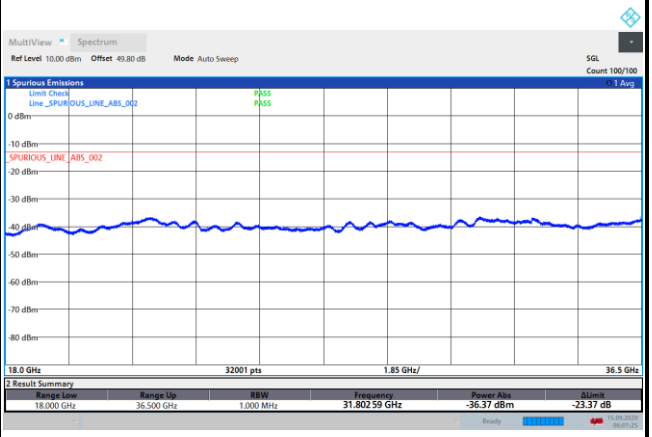
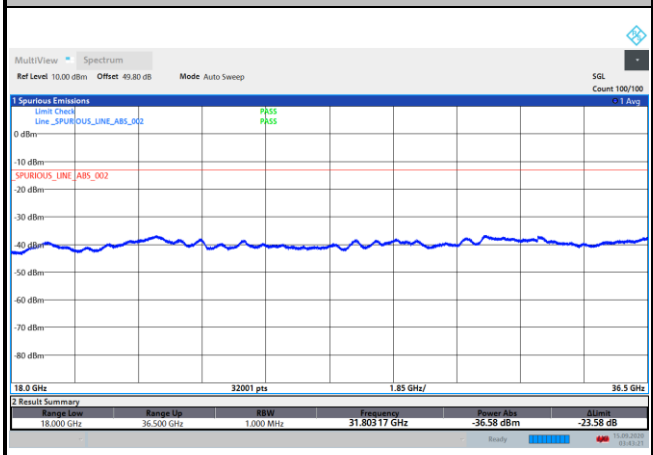
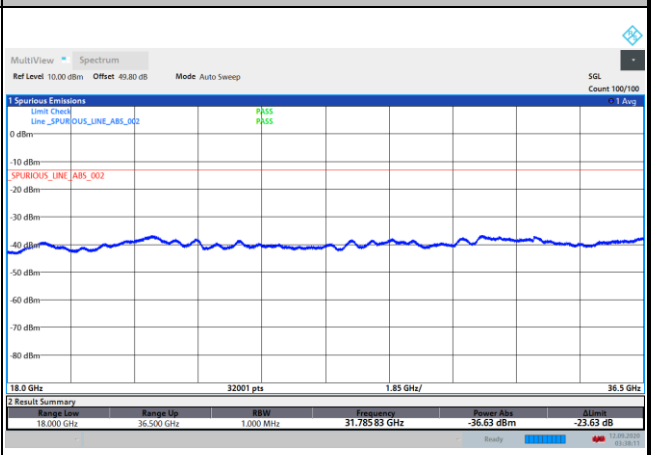
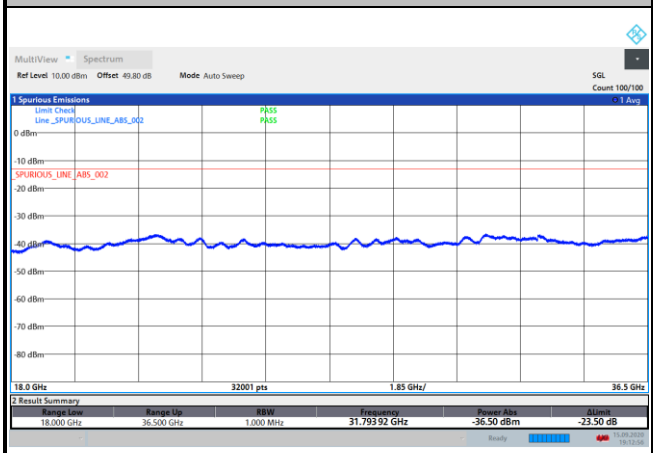
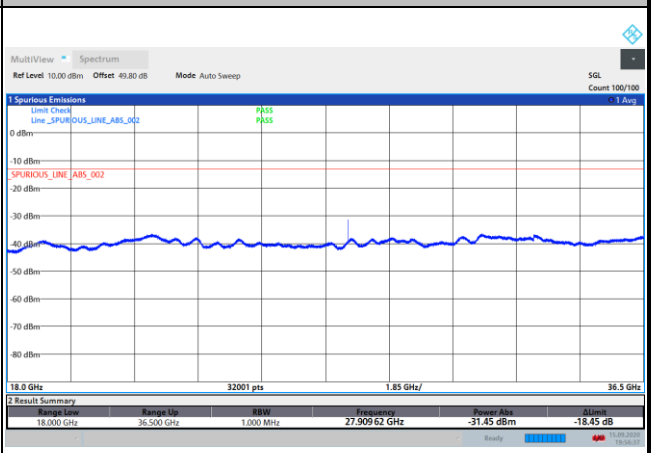
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
36.500 GHz	36.960 GHz	1.000 MHz	36.546 09 GHz	-36.96 dBm	-23.96 dB
36.960 GHz	37.000 GHz	1.000 MHz	36.966 43 GHz	-37.96 dBm	-32.96 dB
37.000 GHz	40.000 GHz	1.000 MHz	39.814 52 GHz	-7.97 dBm	-107.97 dB
40.000 GHz	40.040 GHz	1.000 MHz	40.031 03 GHz	-34.73 dBm	-29.73 dB
40.040 GHz	40.500 GHz	1.000 MHz	40.058 05 GHz	-35.14 dBm	-22.14 dB

06:28:50 17.09.2020

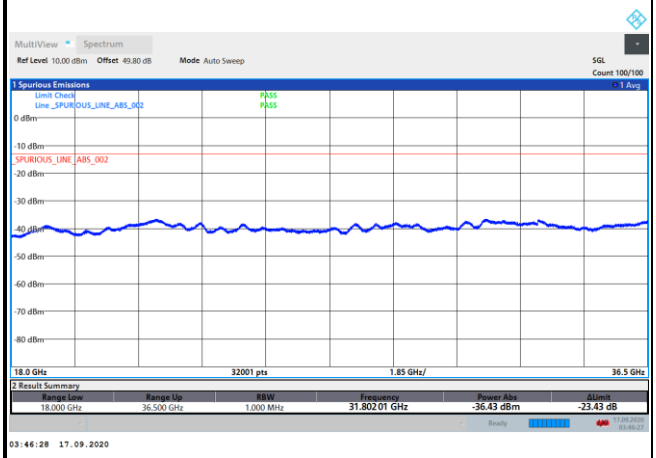
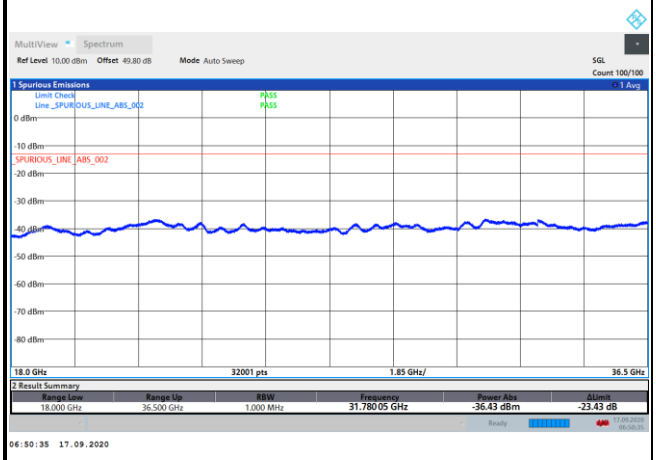
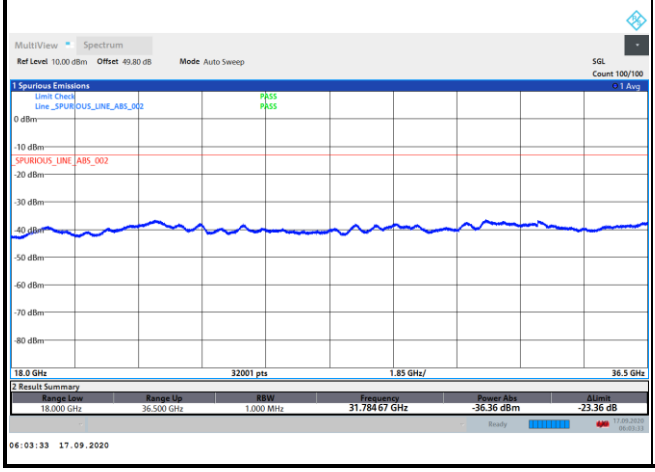
Spurious Emission

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

DFT-s-OFDM Module 2

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

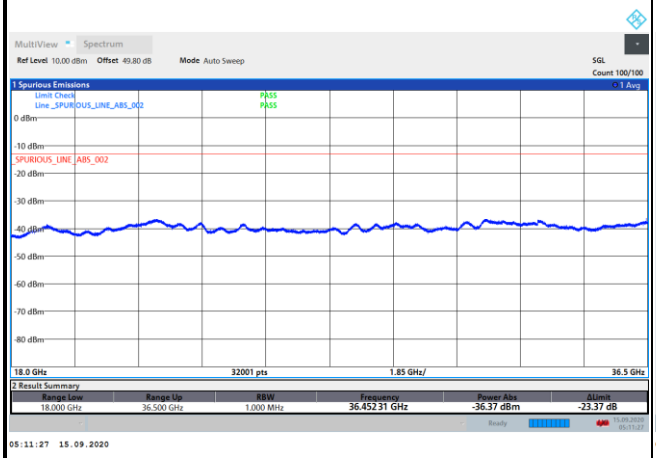
DFT-s-OFDM Module 2

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

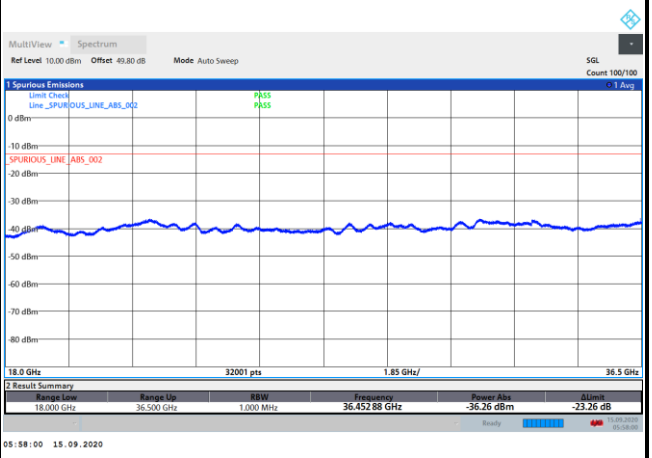
DFT-s-OFDM Module 2

NR Band n260 QPSK (18-40GHz)

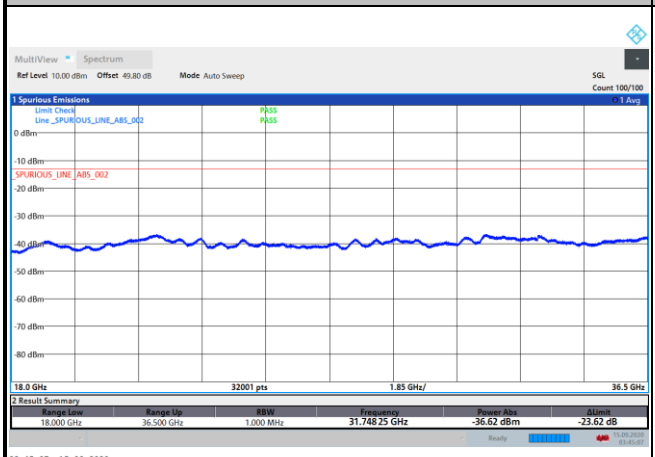
Lowest Channel / 50MHz



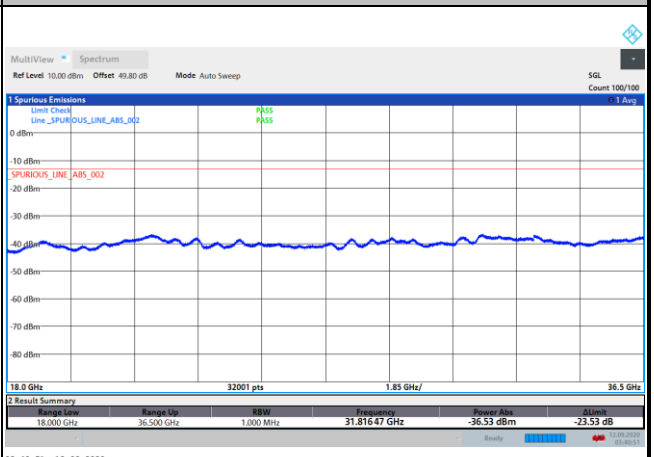
Lowest Channel / 100MHz



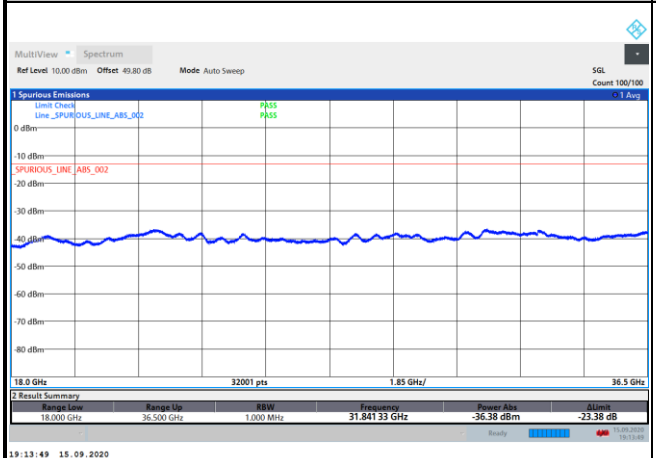
Middle Channel / 50MHz



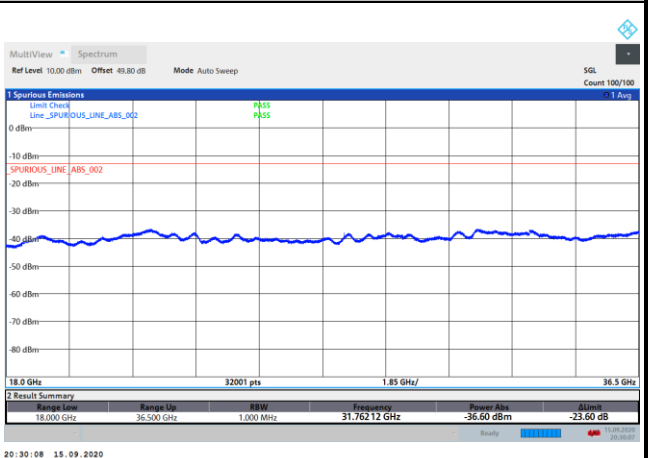
Middle Channel / 100MHz



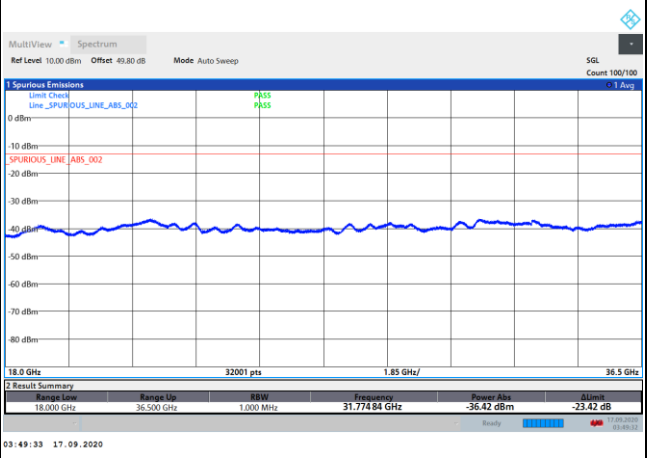
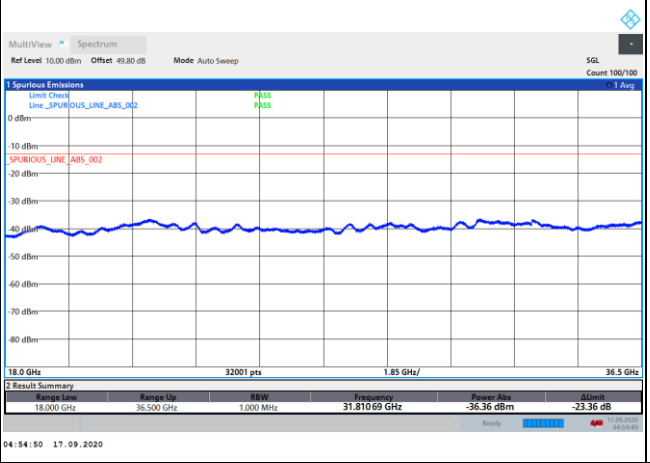
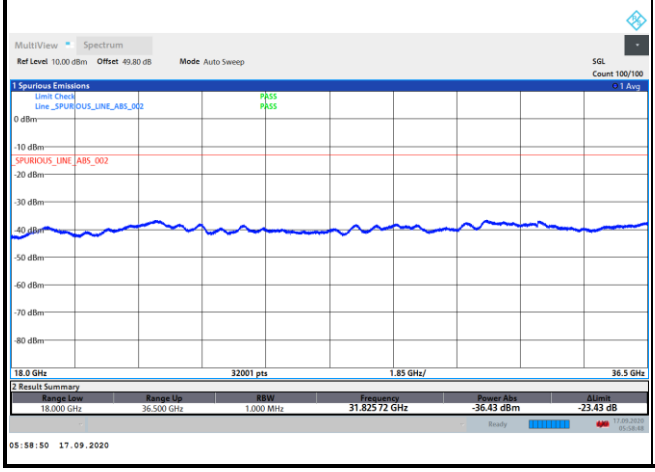
Highest Channel / 50MHz



Highest Channel / 100MHz



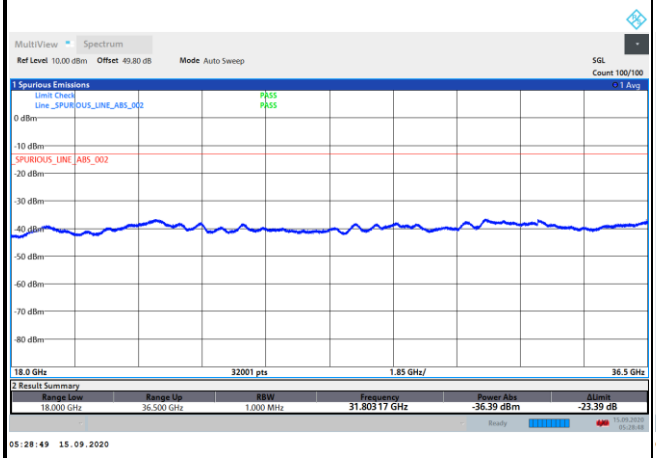
DFT-s-OFDM Module 2

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

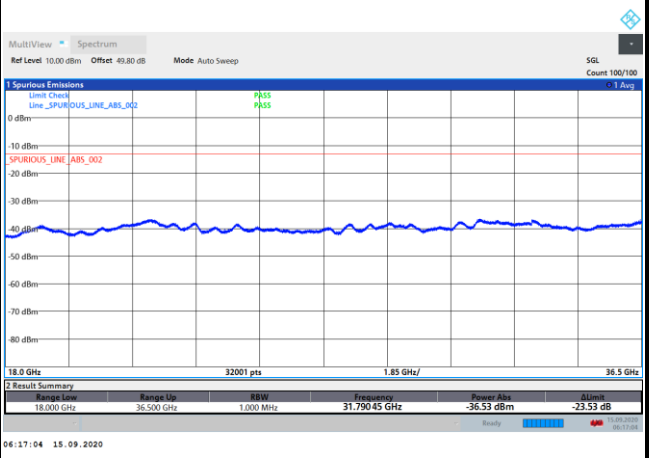
CP-OFDM Module 2

NR Band n260 QPSK (18-40GHz)

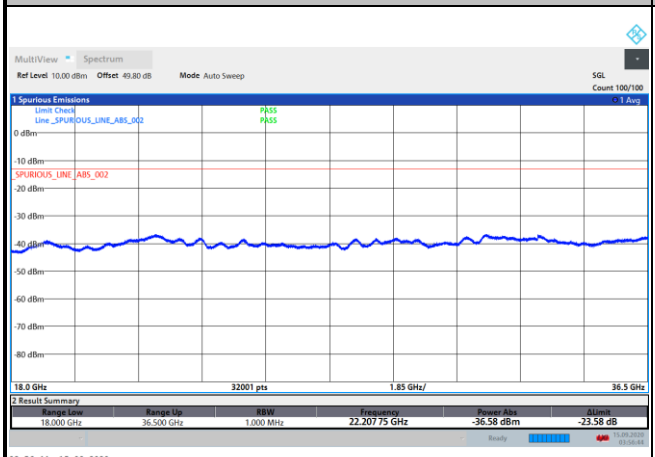
Lowest Channel / 50MHz



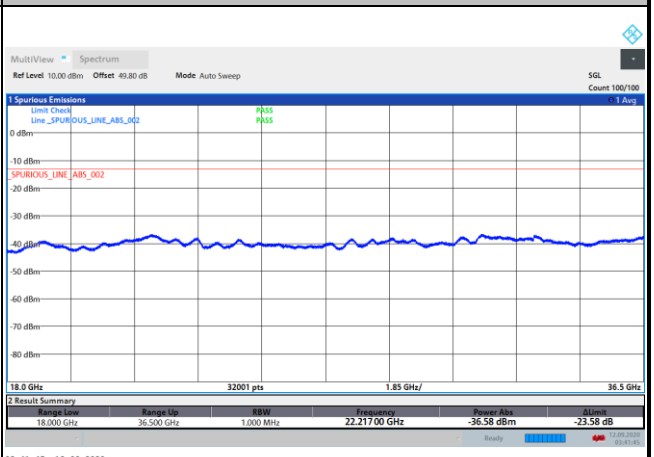
Lowest Channel / 100MHz



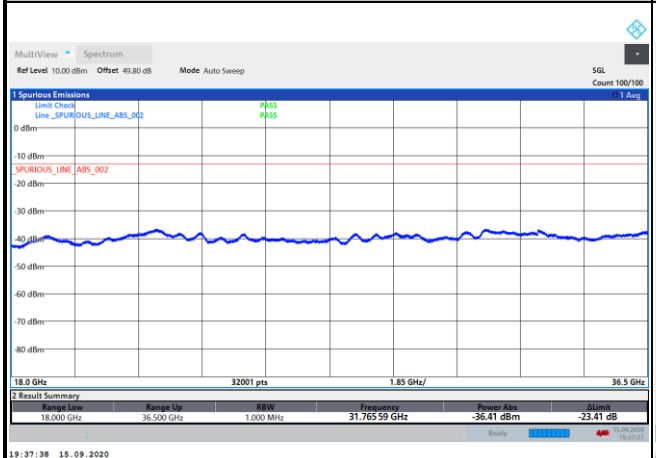
Middle Channel / 50MHz



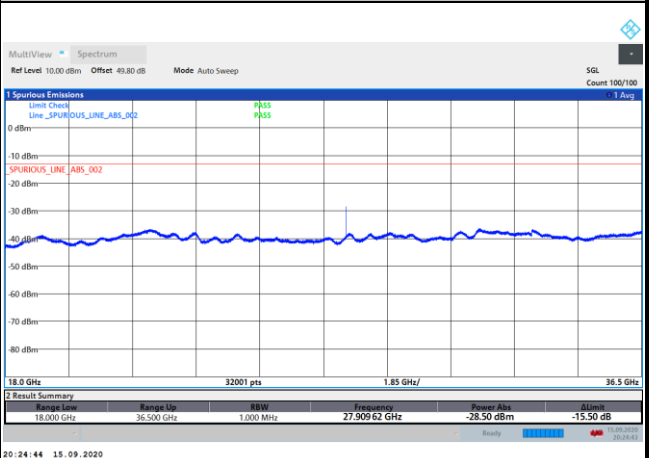
Middle Channel / 100MHz



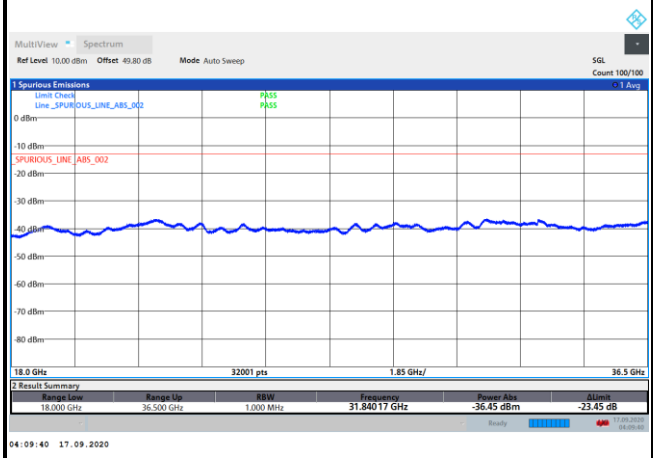
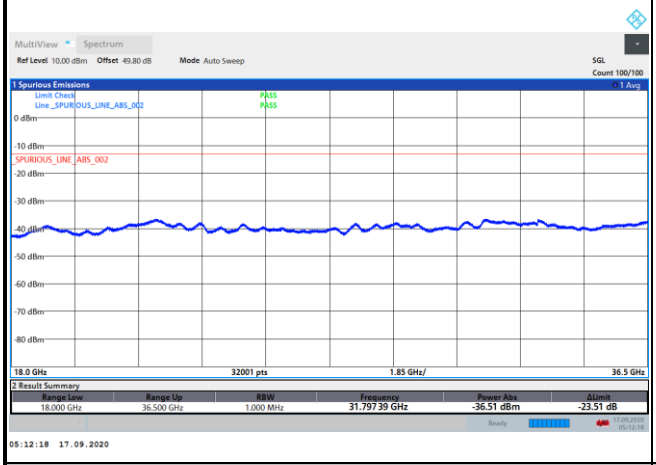
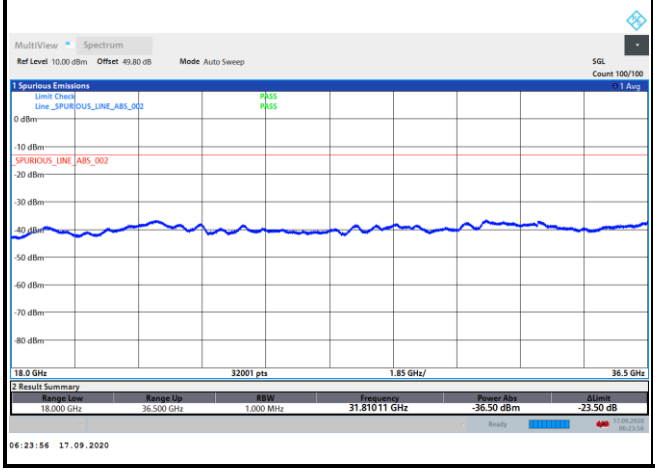
Highest Channel / 50MHz



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**

NR Band n260 Module 2 AG1

Occupied Bandwidth

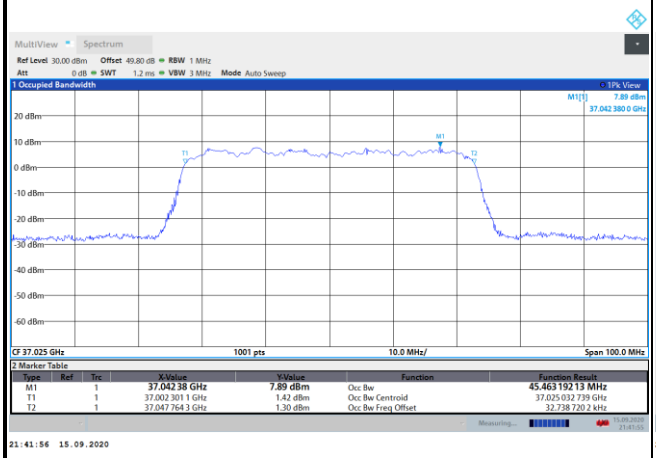
Mode	DFT-s-OFDM Module 2 NR Band n260 : 99%OBW(MHz)											
BW	50MHz				100MHz				400MHz			
Mod.	BPSK	QPSK	16QAM	64QAM	BPSK	QPSK	16QAM	64QAM	BPSK	QPSK	16QAM	64QAM
Lowest CH	45.46	45.57	-	-	90.83	91.41	-	-	389.21	388.47	-	-
Middle CH	45.27	45.49	44.93	45.38	90.54	90.17	90.11	90.23	386.87	385.59	387.25	386.99
Highest CH	45.33	45.34	-	-	90.45	90.98	-	-	387.33	387.88	-	-

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	45.41	-	-	93.22	-	-	390.82	-	-
Middle CH	45.35	45.49	45.35	92.61	92.59	92.97	388.08	388.24	391.37
Highest CH	45.44	-	-	93.26	-	-	390.73	-	-

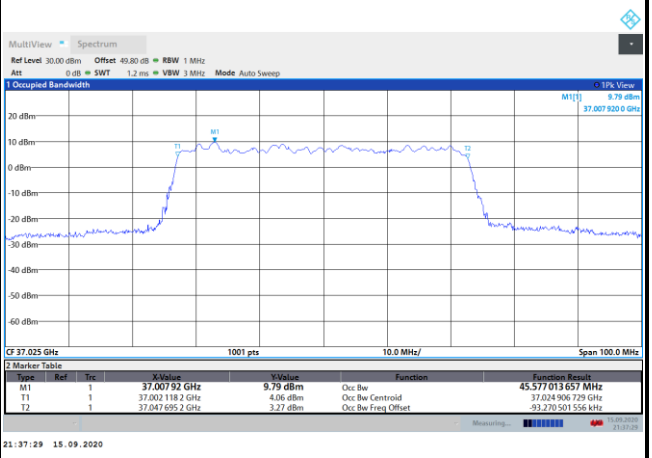
DFT-s-OFDM Module 2

NR Band n260

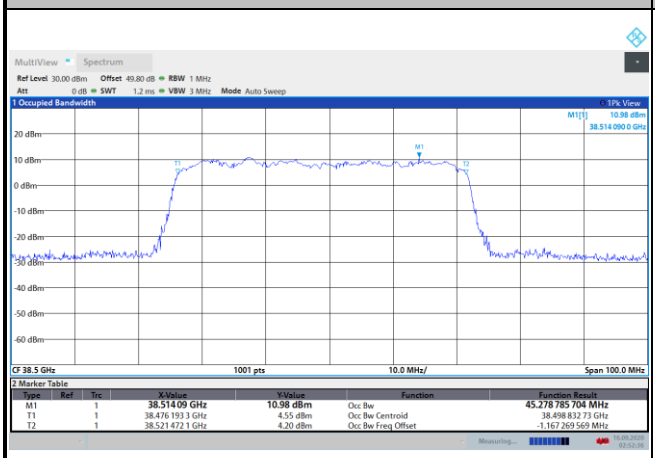
Lowest Channel / 50MHz / BPSK



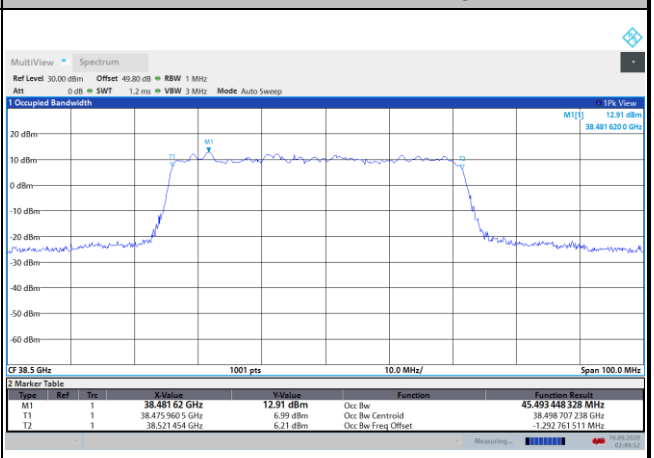
Lowest Channel / 50MHz / QPSK



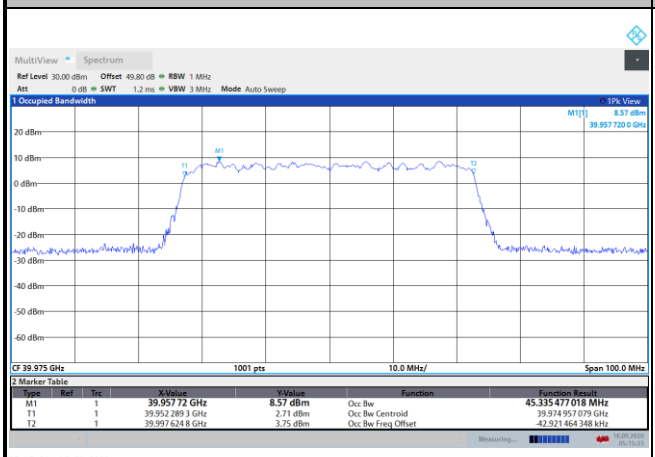
Middle Channel / 50MHz / BPSK



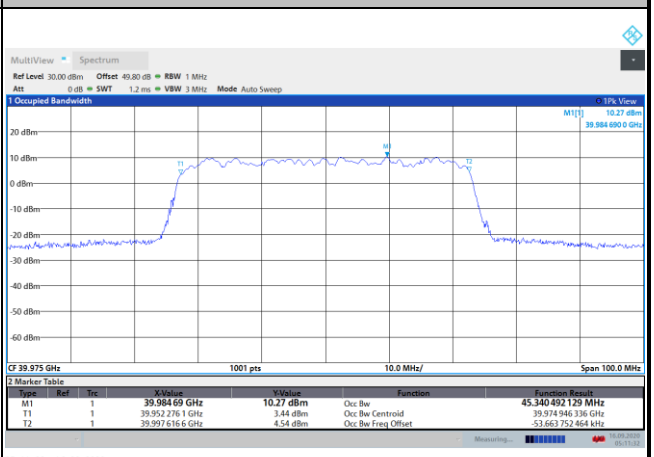
Middle Channel / 50MHz / QPSK



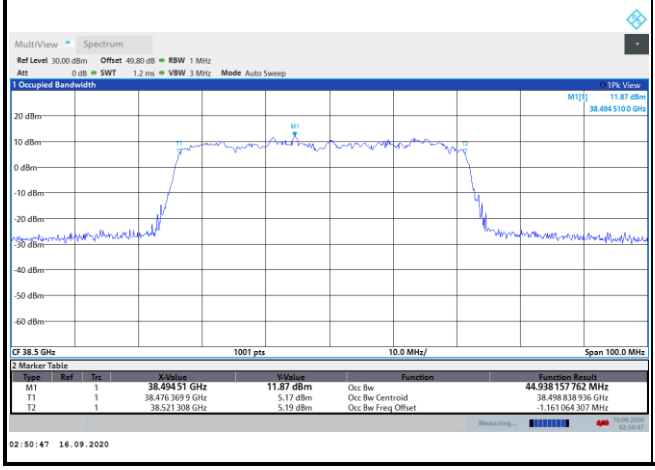
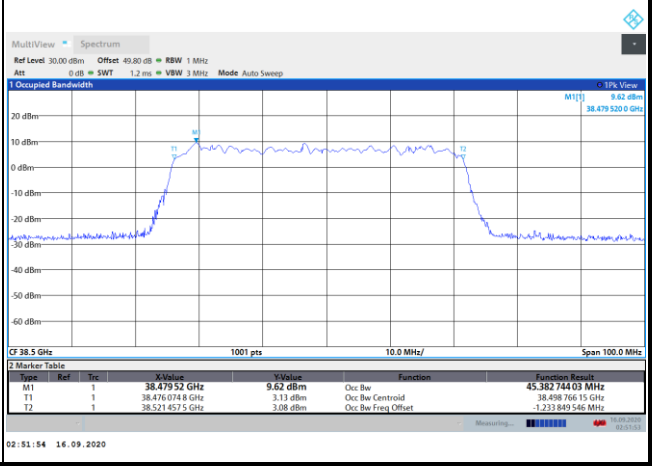
Highest Channel / 50MHz / BPSK



Highest Channel / 50MHz / QPSK



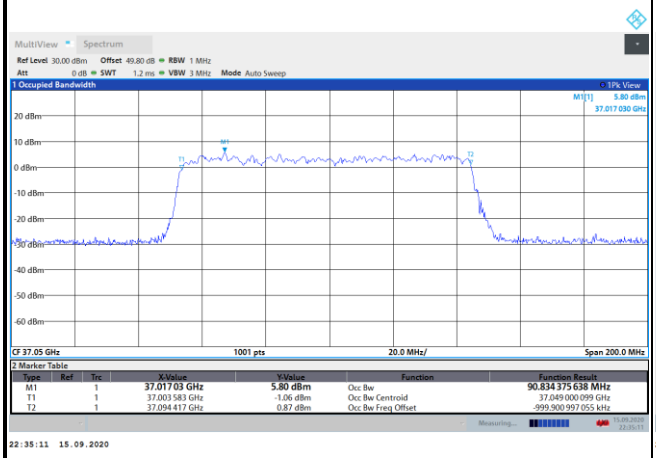
DFT-s-OFDM Module 2

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

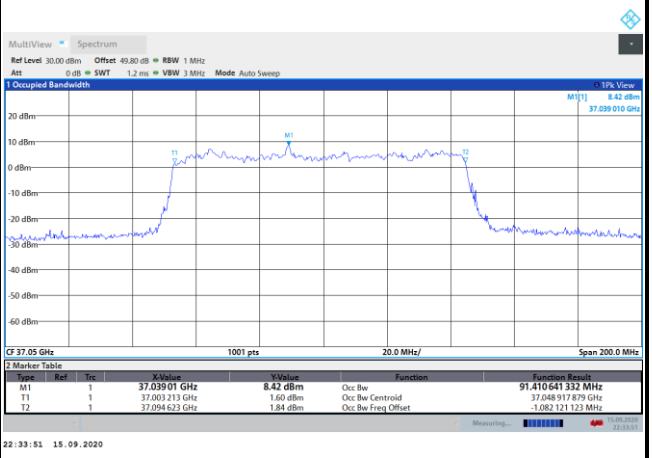
DFT-s-OFDM Module 2

NR Band n260

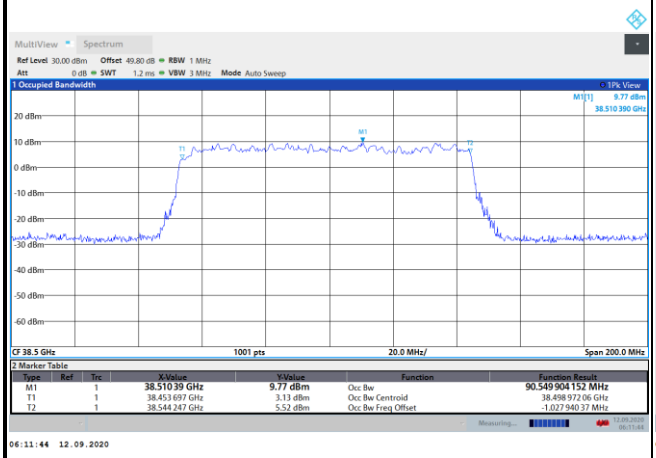
Lowest Channel / 100MHz / BPSK



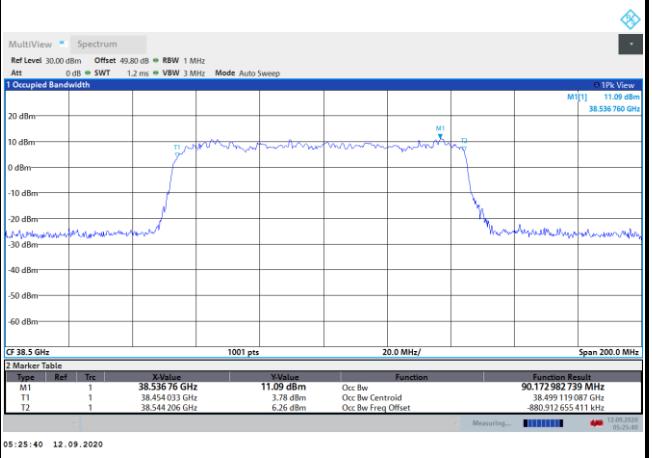
Lowest Channel / 100MHz / QPSK



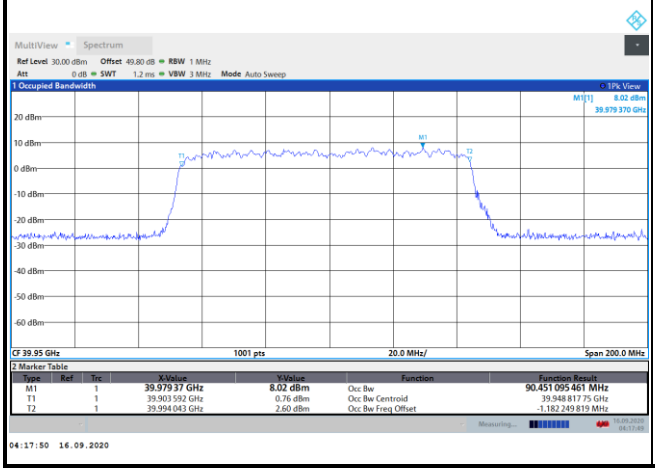
Middle Channel / 100MHz / BPSK



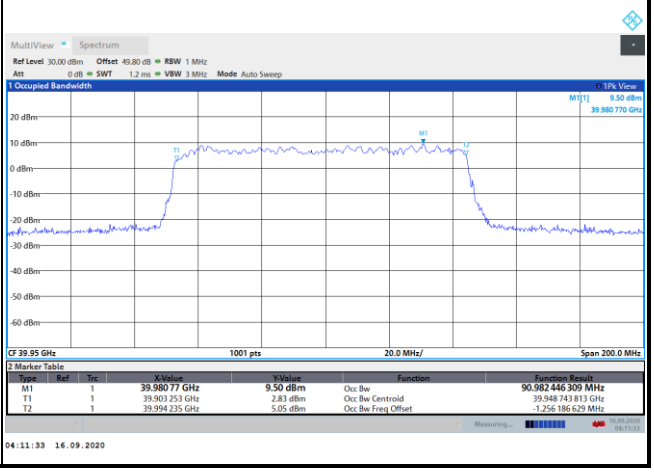
Middle Channel / 100MHz / QPSK



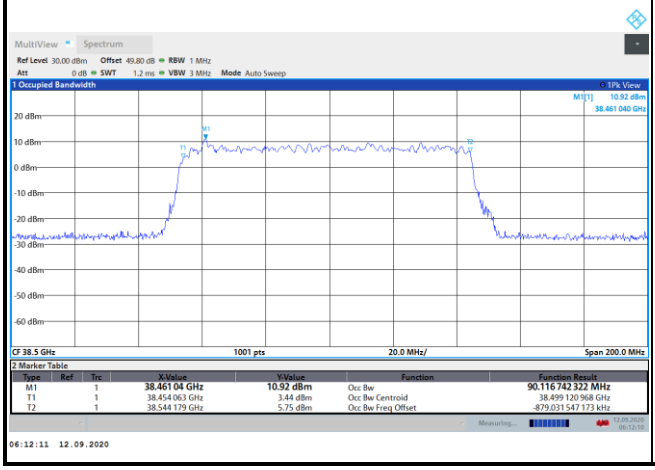
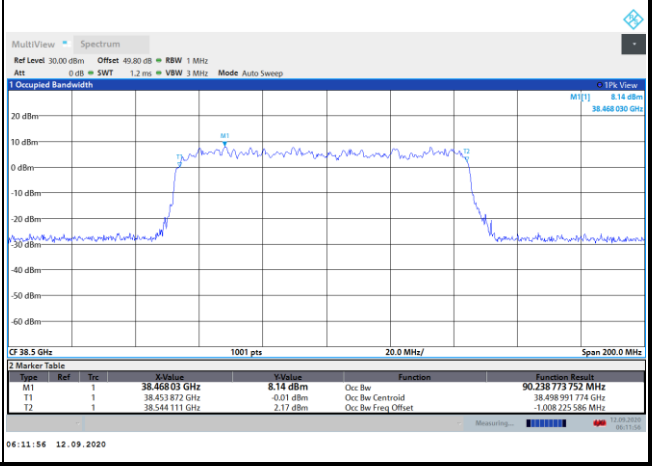
Highest Channel / 100MHz / BPSK



Highest Channel / 100MHz / QPSK



DFT-s-OFDM Module 2

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

DFT-s-OFDM Module 2

NR Band n260

Lowest Channel / 400MHz / BPSK

Lowest Channel / 400MHz / QPSK

Middle Channel / 400MHz / BPSK

Middle Channel / 400MHz / QPSK

Highest Channel / 400MHz / BPSK

Highest Channel / 400MHz / QPSK

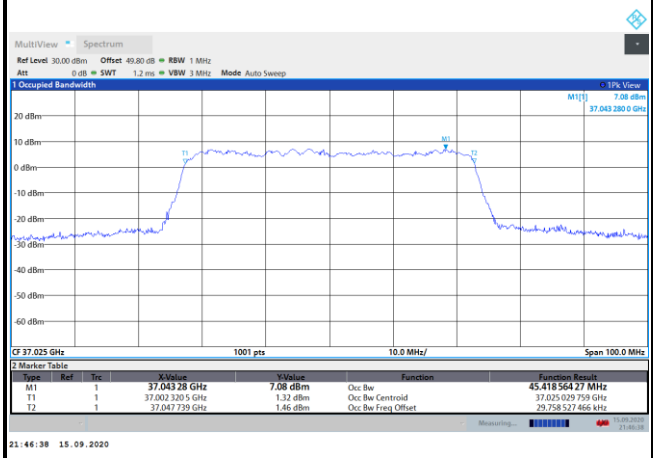
DFT-s-OFDM Module 2

NR Band n260	
Middle Channel / 400MHz / 16QAM	**Middle Channel / 400MHz / 64QAM**

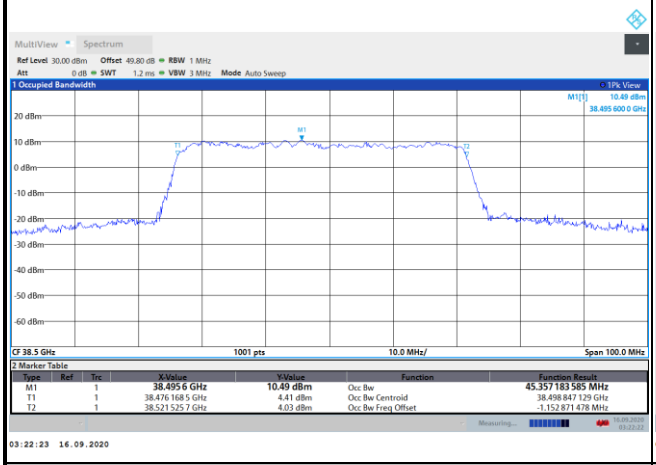
CP-OFDM Module 2

NR Band n260

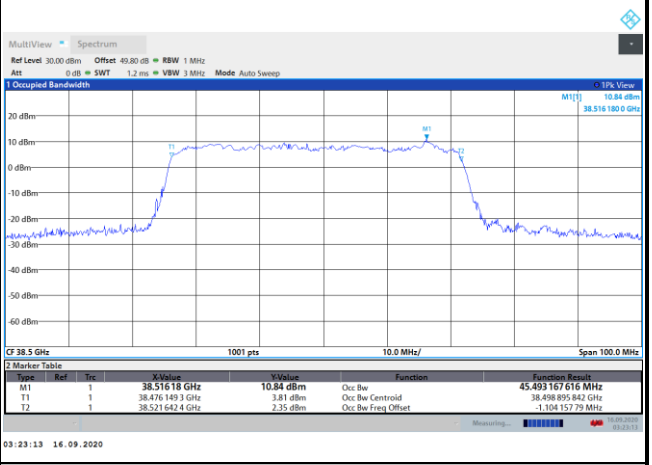
Lowest Channel / 50MHz / QPSK



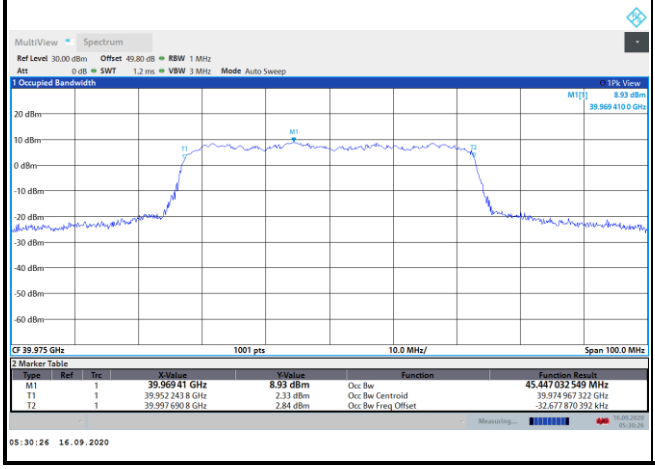
Middle Channel / 50MHz / QPSK



Middle Channel / 50MHz / 16QAM



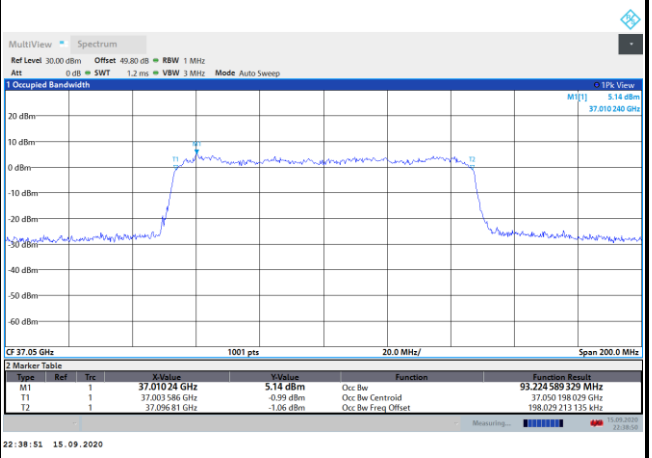
Highest Channel / 50MHz / QPSK



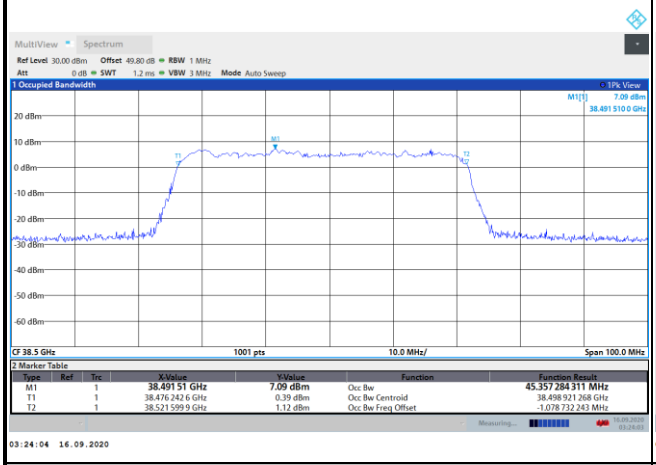
CP-OFDM Module 2

NR Band n260

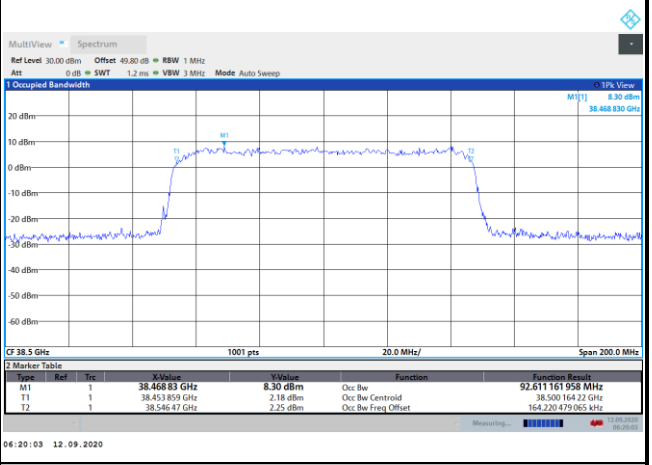
Lowest Channel / 100MHz / QPSK



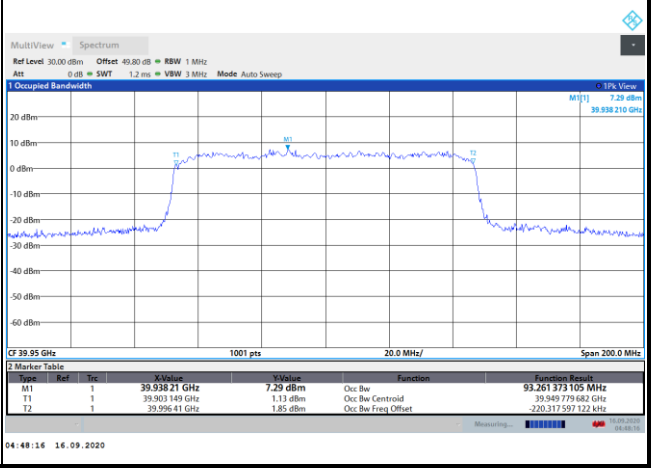
Middle Channel / 50MHz / 64QAM



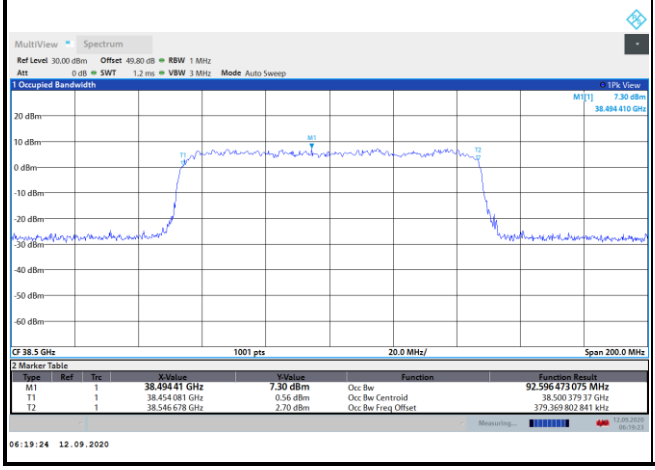
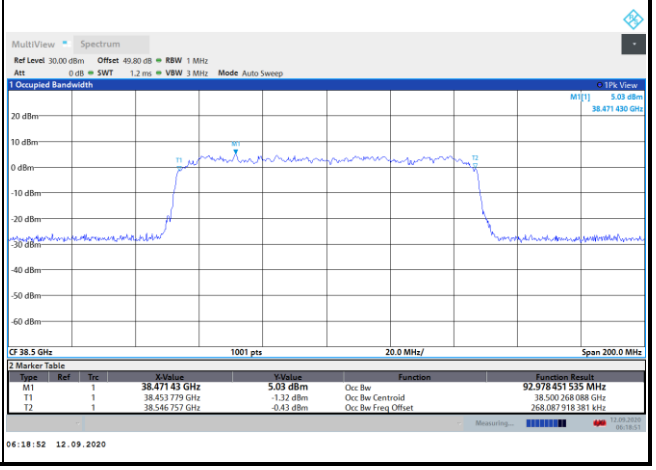
Middle Channel / 100MHz / QPSK



Highest Channel / 100MHz / QPSK



CP-OFDM Module 2

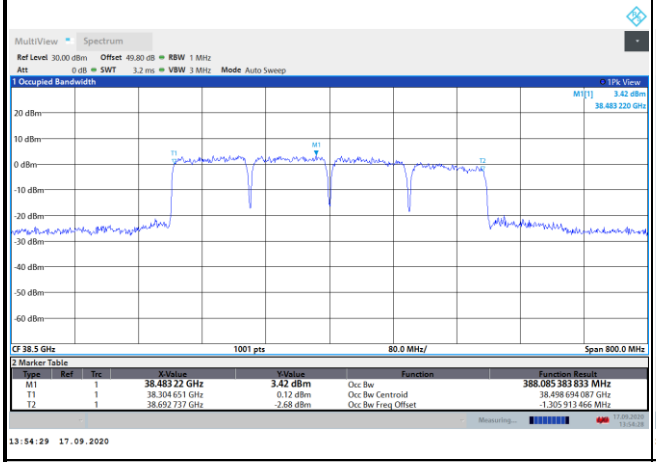
NR Band n260	
Middle Channel / 100MHz / 16QAM	**Middle Channel / 100MHz / 64QAM**
	

CP-OFDM Module 2

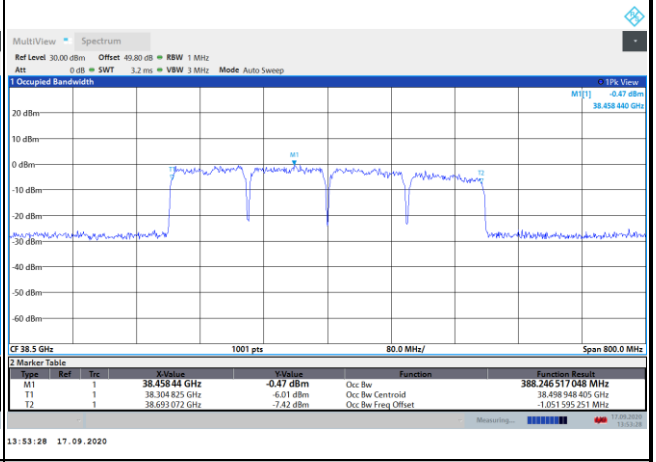
NR Band n260

Lowest Channel / 400MHz / QPSK

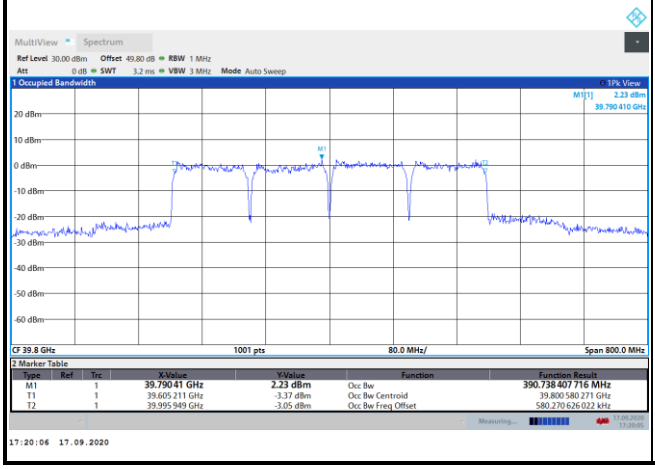
Middle Channel / 400MHz / QPSK



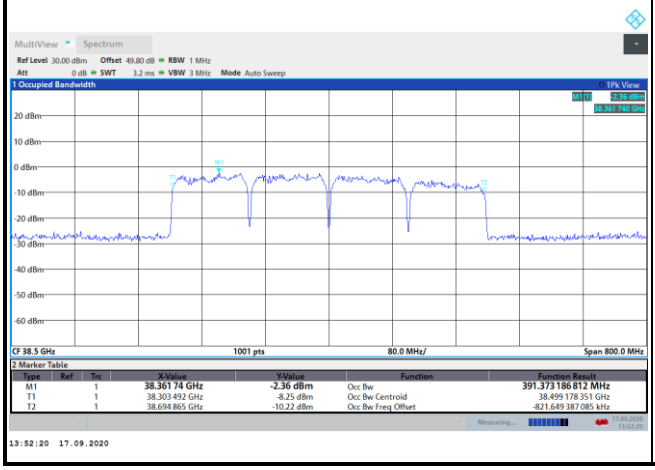
Middle Channel / 400MHz / 16QAM



Highest Channel / 400MHz / QPSK



CP-OFDM Module 2

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

Radiated Out of Band Emissions

Mode			DFT-s-OFDM Module 2 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	-20.57	-19.87	-	-	-22.27	-19.84	-	-	-29.45	-28.98	-	-
	>10%OB	≦-13	-36.37	-35.36	-	-	-37.03	-35.85	-	-	-36.56	-34.51	-	-
High CH	0~10%OB	≦-5	-20.51	-20.17	-	-	-20.35	-19.69	-	-	-24.8	-23.55	-	-
	>10%OB	≦-13	-34.61	-33.42	-	-	-33.78	-33.42	-	-	-33.71	-31.06	-	-
Result			Compliance											

Mode			CP-OFDM Module 2 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	-20.88	-	-	-21.58	-	-	-29.54	-	-
	>10%OB	≦-13	-35.69	-	-	-37.05	-	-	-33.18	-	-
High CH	0~10%OB	≦-5	-21.78	-	-	-19.67	-	-	-30.6	-	-
	>10%OB	≦-13	-34.56	-	-	-34.11	-	-	-31.82	-	-
Result			Compliance								

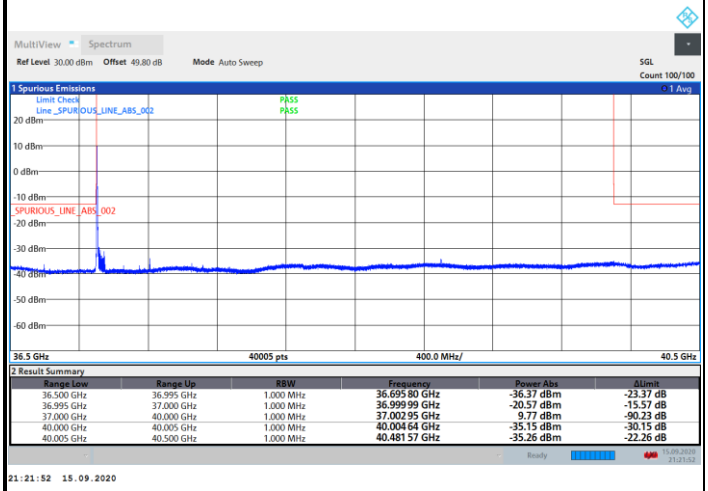
Mode			DFT-s-OFDM Module 2 NR Band n260 : BE (dBm) Full RB											
BW			50MHz				100MHz				400MHz			
Limit (dBm)			BPSK	QPSK	16QAM	64QAM	BPSK	QPSK	16QAM	64QAM	BPSK	QPSK	16QAM	64QAM
Low CH	0~10%OB	≦-5	-31.75	-29.83	-	-	-32.24	-30.47	-	-	-35.96	-36.22	-	-
	>10%OB	≦-13	-37.02	-33.43	-	-	-36.67	-35.54	-	-	-36.79	-36.68	-	-
High CH	0~10%OB	≦-5	-30.06	-29.01	-	-	-32.99	-30.51	-	-	-31.66	-30.87	-	-
	>10%OB	≦-13	-34.59	-31.59	-	-	-35.13	-32.82	-	-	-33.14	-31.86	-	-
Result			Compliance											

Mode			CP-OFDM Module 2 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	-31.08	-	-	-32.81	-	-	-36.74	-	-
	>10%OB	≦-13	-35.26	-	-	-36.14	-	-	-36.71	-	-
High CH	0~10%OB	≦-5	-28.81	-	-	-30.6	-	-	-28.97	-	-
	>10%OB	≦-13	-31.49	-	-	-32.59	-	-	-30.46	-	-
Result			Compliance								

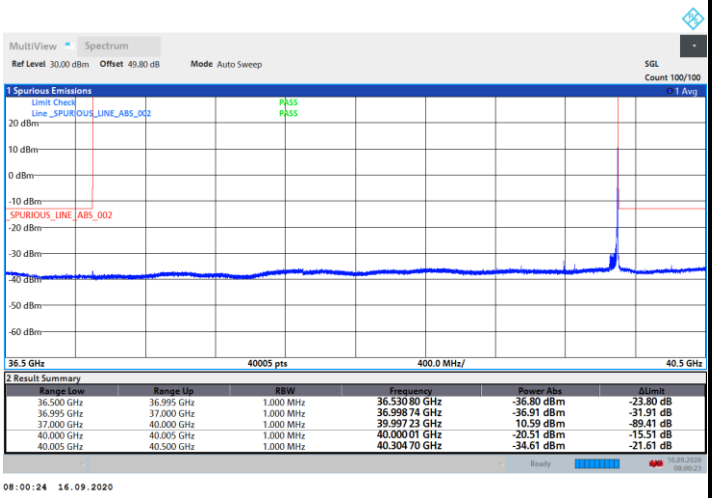
DFT-s-OFDM Module 2

NR Band n260 / 50MHz / BPSK

Lowest Band Edge / 1 RB

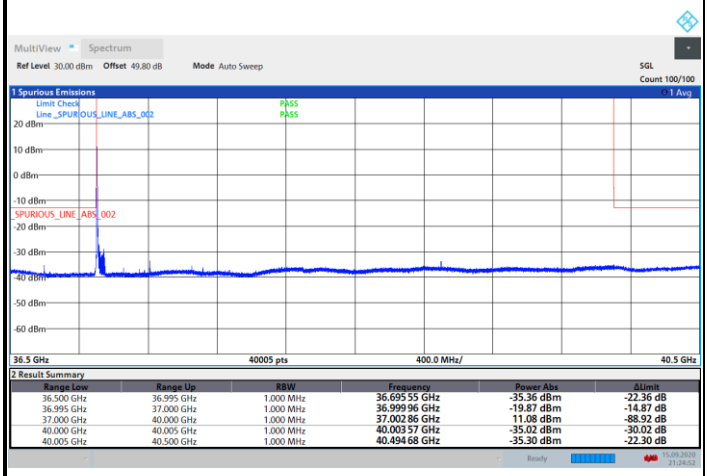


Highest Band Edge / 1 RB

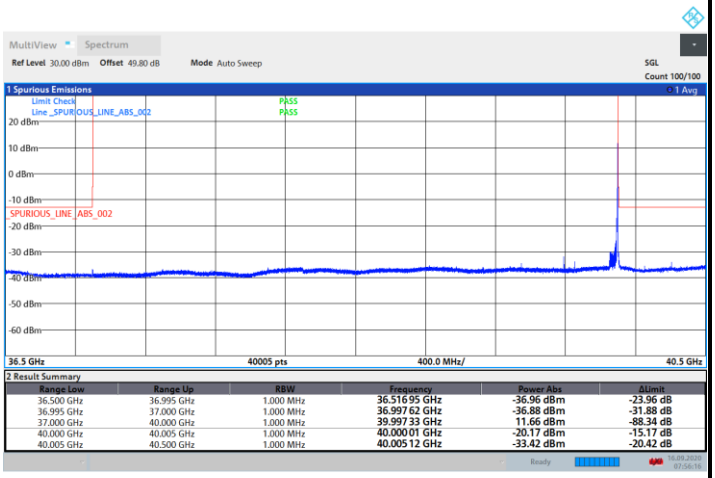


NR Band n260 / 50MHz / QPSK

Lowest Band Edge / 1 RB



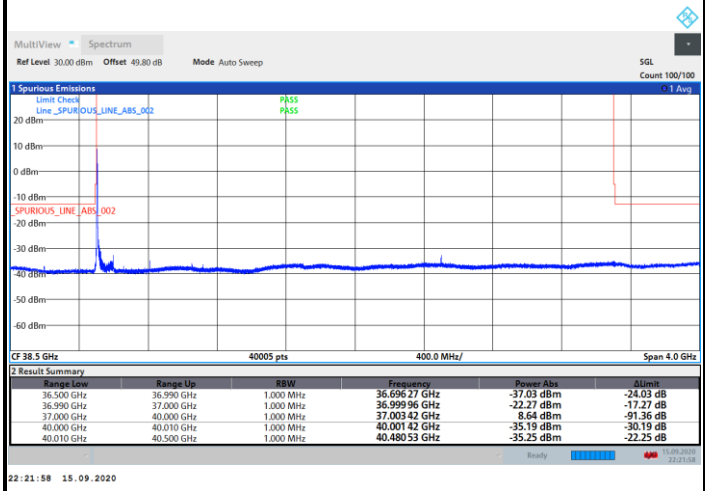
Highest Band Edge / 1 RB



DFT-s-OFDM Module 2

NR Band n260 / 100MHz / BPSK

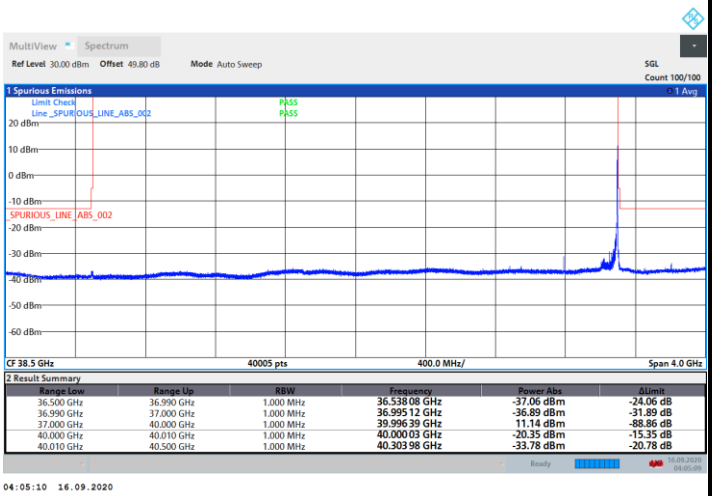
Lowest Band Edge / 1 RB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
36.500 GHz	36.990 GHz	1.000 MHz	36.696 27 GHz	-37.03 dBm	-24.03 dB
36.990 GHz	37.000 GHz	1.000 MHz	36.999 96 GHz	-22.27 dBm	-17.27 dB
37.000 GHz	40.000 GHz	1.000 MHz	37.003 42 GHz	8.64 dBm	-91.36 dB
40.000 GHz	40.010 GHz	1.000 MHz	40.001 42 GHz	-35.19 dBm	-30.19 dB
40.010 GHz	40.500 GHz	1.000 MHz	40.480 53 GHz	-35.25 dBm	-22.25 dB

22:21:58 15.09.2020

Highest Band Edge / 1 RB

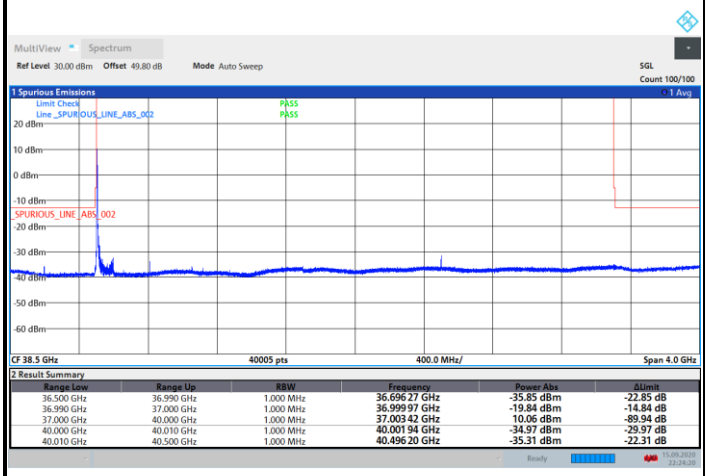


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
36.500 GHz	36.990 GHz	1.000 MHz	36.538 08 GHz	-37.06 dBm	-24.06 dB
36.990 GHz	37.000 GHz	1.000 MHz	36.995 12 GHz	-36.89 dBm	-31.89 dB
37.000 GHz	40.000 GHz	1.000 MHz	39.996 39 GHz	11.14 dBm	-88.86 dB
40.000 GHz	40.010 GHz	1.000 MHz	40.000 03 GHz	-20.35 dBm	-15.35 dB
40.010 GHz	40.500 GHz	1.000 MHz	40.303 98 GHz	-33.78 dBm	-20.78 dB

04:05:10 16.09.2020

NR Band n260 / 100MHz / QPSK

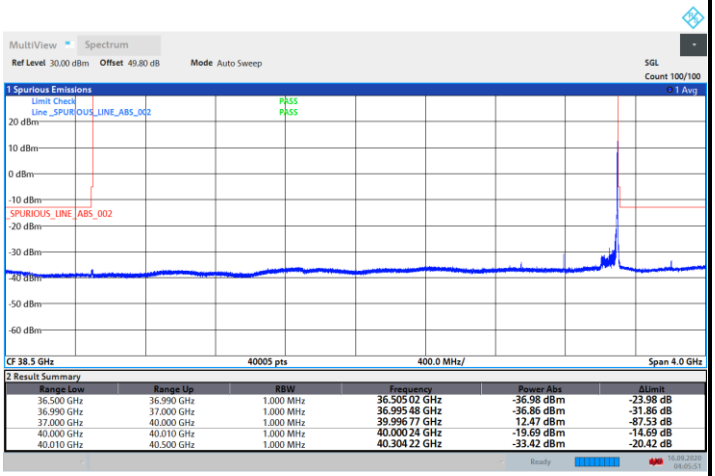
Lowest Band Edge / 1 RB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
36.500 GHz	36.990 GHz	1.000 MHz	36.696 27 GHz	-35.85 dBm	-22.85 dB
36.990 GHz	37.000 GHz	1.000 MHz	36.999 97 GHz	-19.84 dBm	-14.84 dB
37.000 GHz	40.000 GHz	1.000 MHz	37.003 42 GHz	10.06 dBm	-89.94 dB
40.000 GHz	40.010 GHz	1.000 MHz	40.001 94 GHz	-34.97 dBm	-29.97 dB
40.010 GHz	40.500 GHz	1.000 MHz	40.496 20 GHz	-35.31 dBm	-22.31 dB

22:24:21 15.09.2020

Highest Band Edge / 1 RB



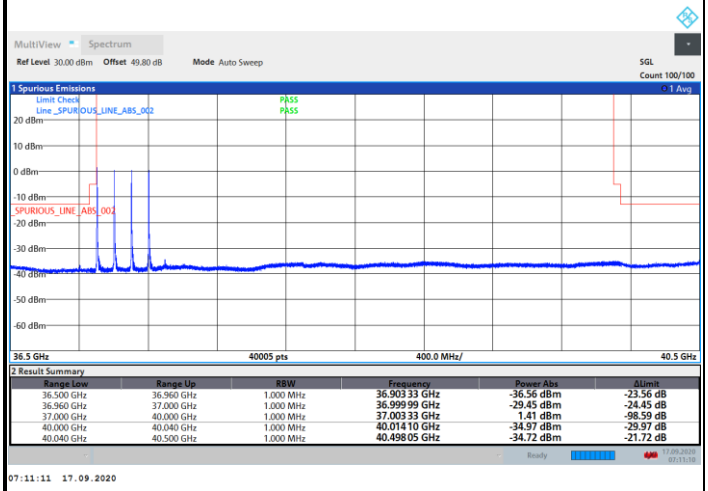
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
36.500 GHz	36.990 GHz	1.000 MHz	36.505 02 GHz	-36.98 dBm	-23.98 dB
36.990 GHz	37.000 GHz	1.000 MHz	36.995 48 GHz	-36.86 dBm	-31.86 dB
37.000 GHz	40.000 GHz	1.000 MHz	39.996 77 GHz	12.47 dBm	-87.53 dB
40.000 GHz	40.010 GHz	1.000 MHz	40.000 24 GHz	-19.69 dBm	-14.69 dB
40.010 GHz	40.500 GHz	1.000 MHz	40.304 22 GHz	-33.42 dBm	-20.42 dB

04:05:51 16.09.2020

DFT-s-OFDM Module 2

NR Band n260 / 400MHz / BPSK

Lowest Band Edge / 1 RB

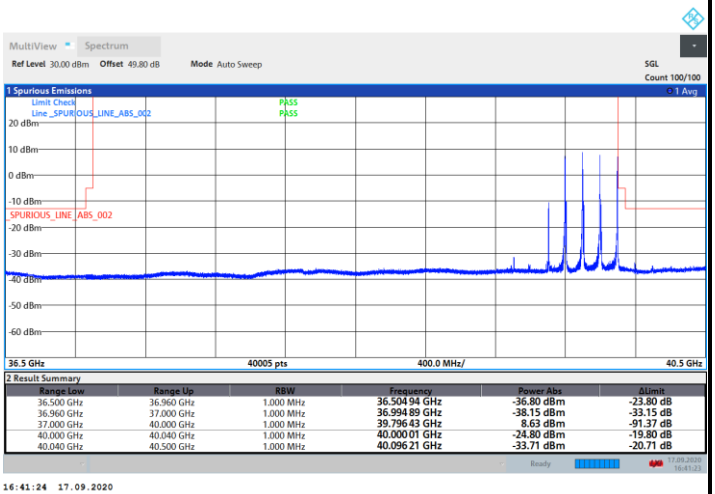


2 Result Summary

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
36.500 GHz	36.960 GHz	1.000 MHz	36.903 33 GHz	-36.56 dBm	-23.56 dB
36.960 GHz	37.000 GHz	1.000 MHz	36.999 99 GHz	-29.45 dBm	-24.45 dB
37.000 GHz	40.000 GHz	1.000 MHz	37.003 33 GHz	1.41 dBm	-98.59 dB
40.000 GHz	40.040 GHz	1.000 MHz	40.014 10 GHz	-34.97 dBm	-29.97 dB
40.040 GHz	40.500 GHz	1.000 MHz	40.498 05 GHz	-34.72 dBm	-21.72 dB

07:11:11 17.09.2020

Highest Band Edge / 1 RB



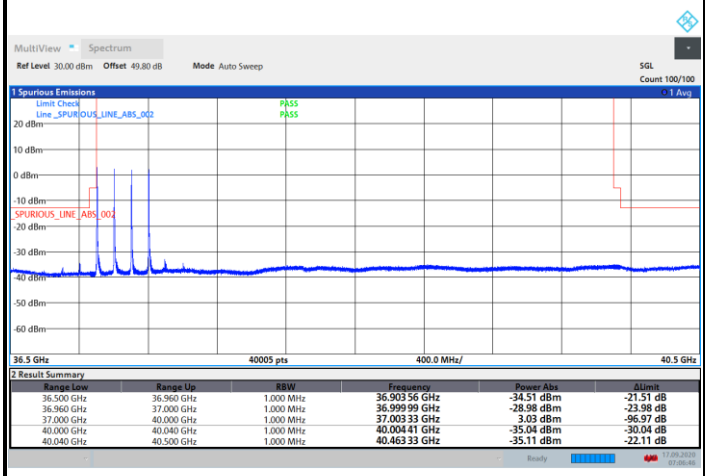
2 Result Summary

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
36.500 GHz	36.960 GHz	1.000 MHz	36.504 94 GHz	-36.80 dBm	-23.80 dB
36.960 GHz	37.000 GHz	1.000 MHz	36.994 89 GHz	-38.15 dBm	-33.15 dB
37.000 GHz	40.000 GHz	1.000 MHz	39.796 43 GHz	8.63 dBm	-91.37 dB
40.000 GHz	40.040 GHz	1.000 MHz	40.000 01 GHz	-24.80 dBm	-19.80 dB
40.040 GHz	40.500 GHz	1.000 MHz	40.096 21 GHz	-33.71 dBm	-20.71 dB

16:41:24 17.09.2020

NR Band n260 / 50MHz / QPSK

Lowest Band Edge / 1 RB

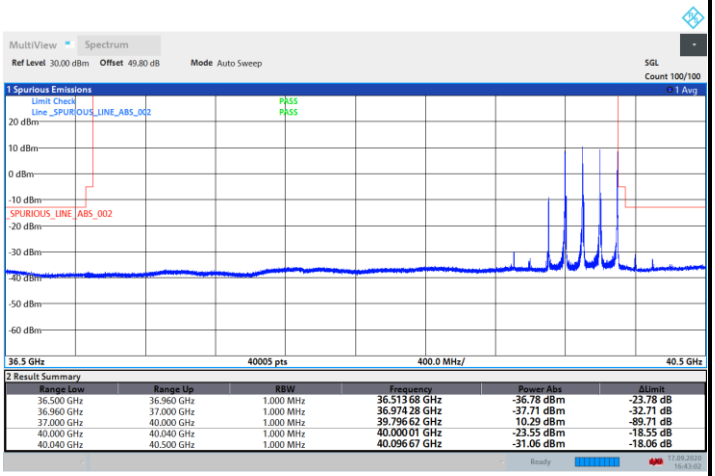


2 Result Summary

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
36.500 GHz	36.960 GHz	1.000 MHz	36.903 56 GHz	-34.51 dBm	-21.51 dB
36.960 GHz	37.000 GHz	1.000 MHz	36.999 99 GHz	-28.98 dBm	-23.98 dB
37.000 GHz	40.000 GHz	1.000 MHz	37.003 33 GHz	3.03 dBm	-96.97 dB
40.000 GHz	40.040 GHz	1.000 MHz	40.004 41 GHz	-35.04 dBm	-30.04 dB
40.040 GHz	40.500 GHz	1.000 MHz	40.463 33 GHz	-35.11 dBm	-22.11 dB

07:06:46 17.09.2020

Highest Band Edge / 1 RB



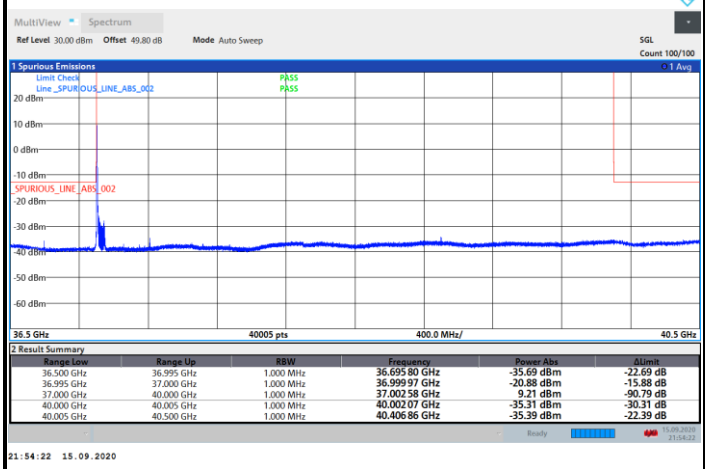
2 Result Summary

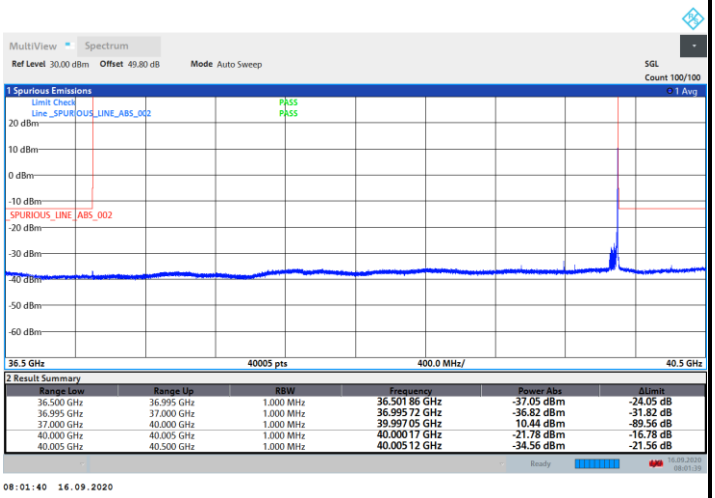
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
36.500 GHz	36.960 GHz	1.000 MHz	36.513 68 GHz	-36.78 dBm	-23.78 dB
36.960 GHz	37.000 GHz	1.000 MHz	36.974 28 GHz	-37.71 dBm	-32.71 dB
37.000 GHz	40.000 GHz	1.000 MHz	39.796 62 GHz	10.29 dBm	-89.71 dB
40.000 GHz	40.040 GHz	1.000 MHz	40.000 01 GHz	-23.55 dBm	-18.55 dB
40.040 GHz	40.500 GHz	1.000 MHz	40.096 67 GHz	-31.06 dBm	-18.06 dB

16:43:03 17.09.2020

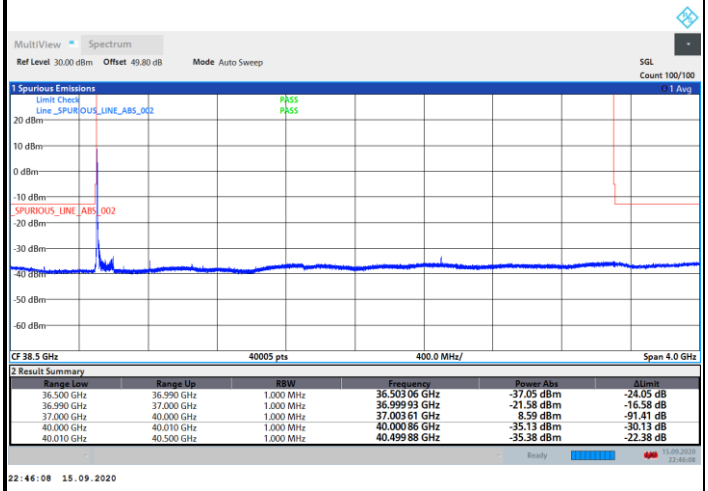
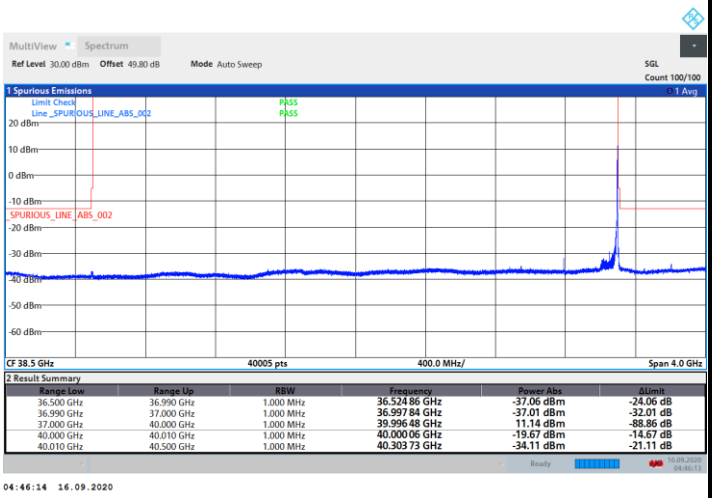
CP-OFDM Module 2

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

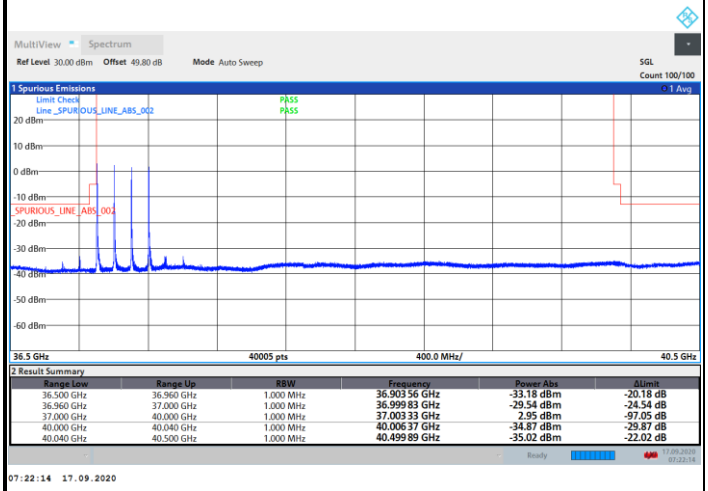
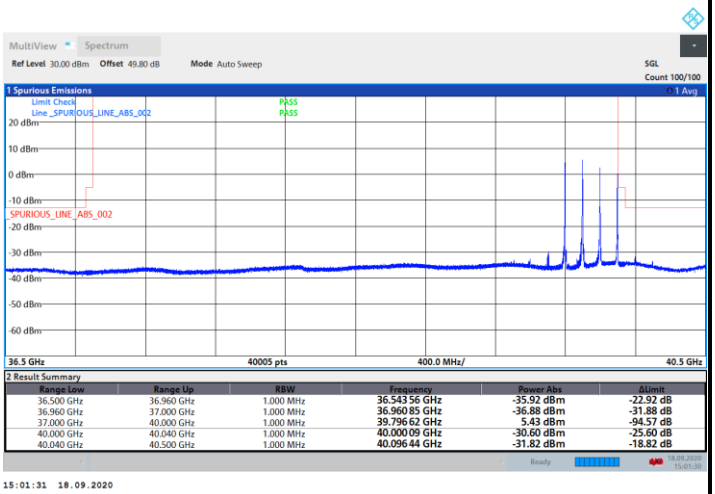




CP-OFDM Module 2

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

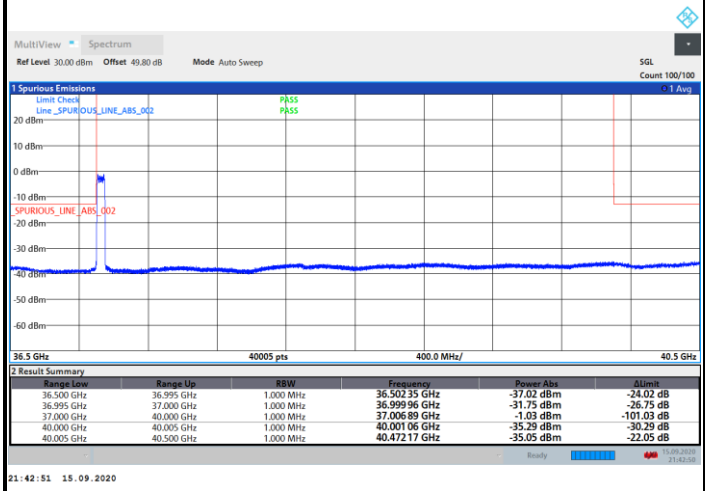
CP-OFDM Module 2

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

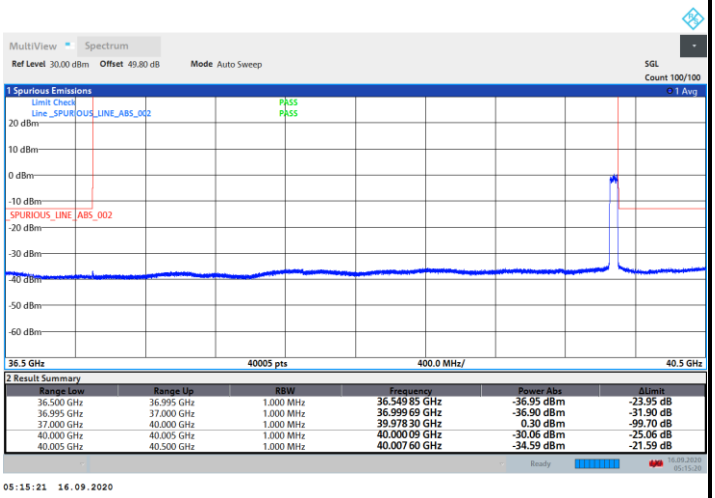
DFT-s-OFDM Module 2

NR Band n260 / 50MHz / BPSK

Lowest Band Edge / Full RB

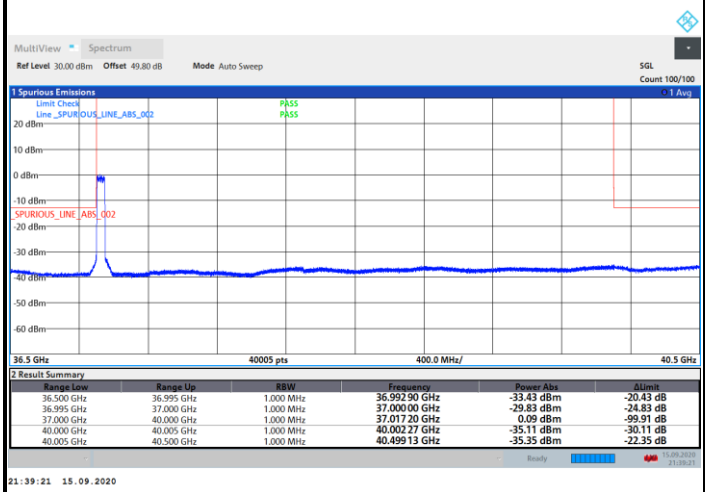
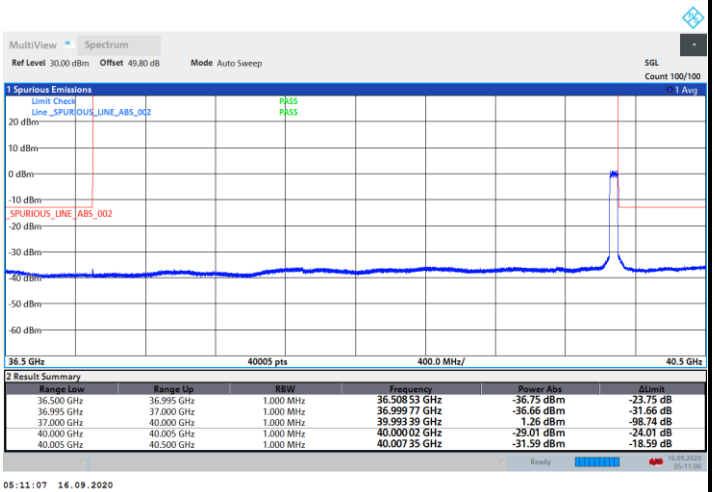


Highest Band Edge / Full RB



NR Band n260 / 50MHz / QPSK

Lowest Band Edge / Full RB



Highest Band Edge / Full RB