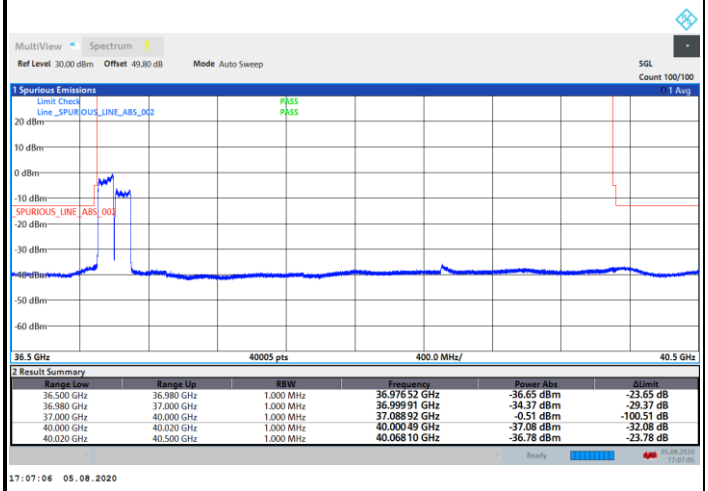
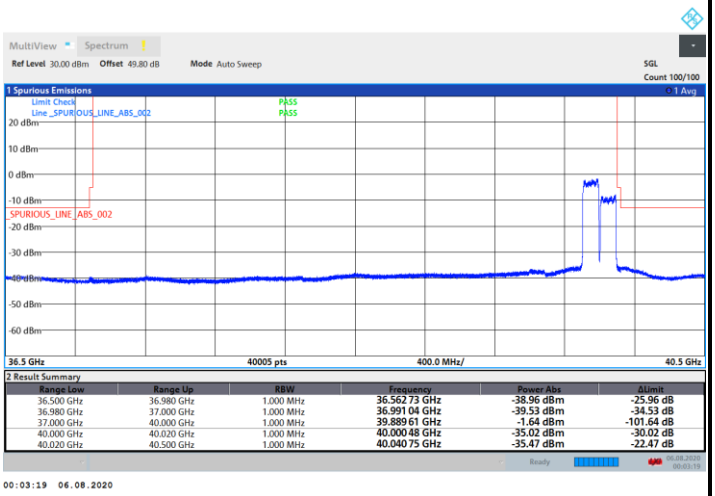
DFT-s-OFDM Module 1

NR Band n260 / 200MHz / QPSK

Lowest Band Edge / Full RB

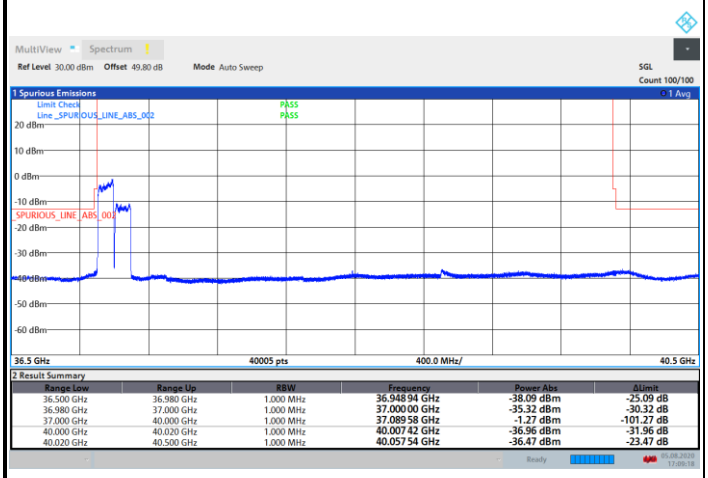


Highest Band Edge / Full RB

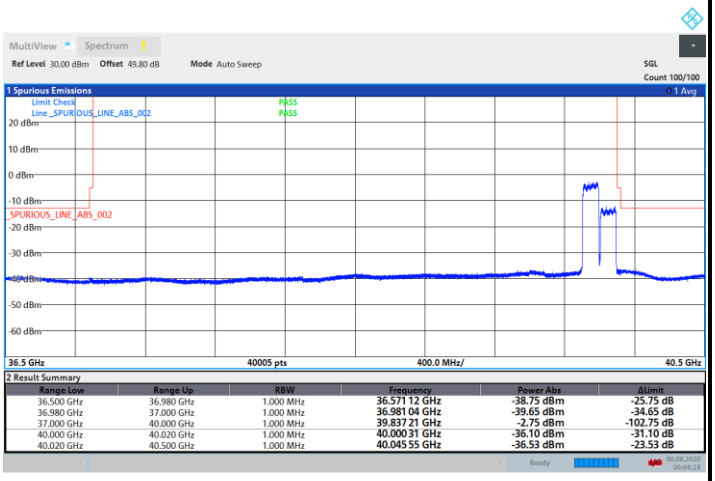


NR Band n260 / 200MHz / 16QAM

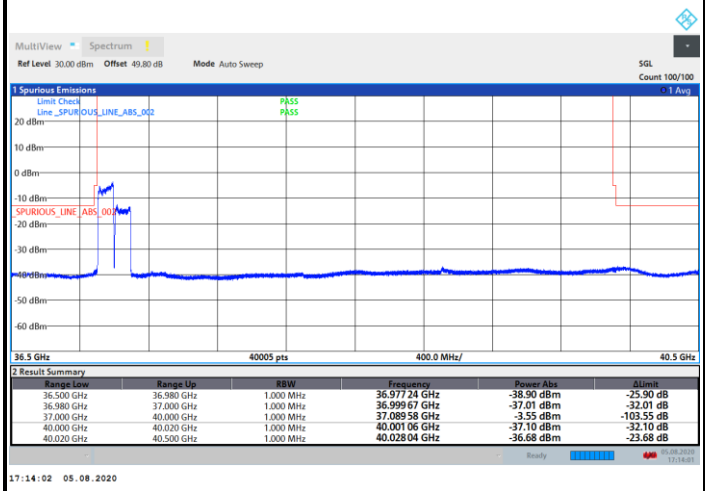
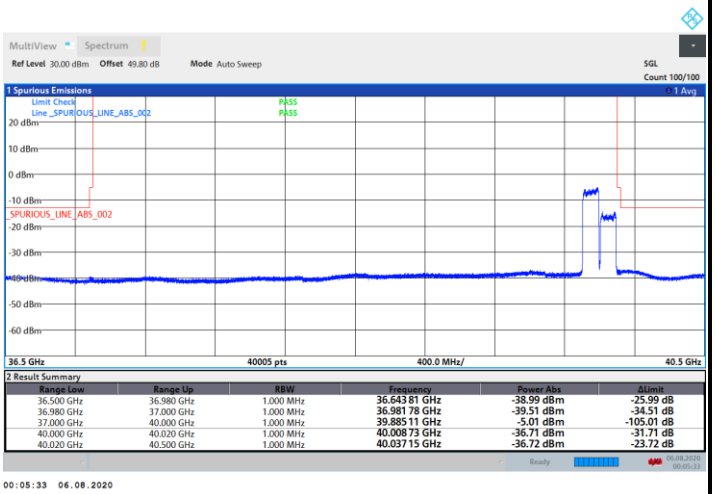
Lowest Band Edge / Full RB



Highest Band Edge / Full RB



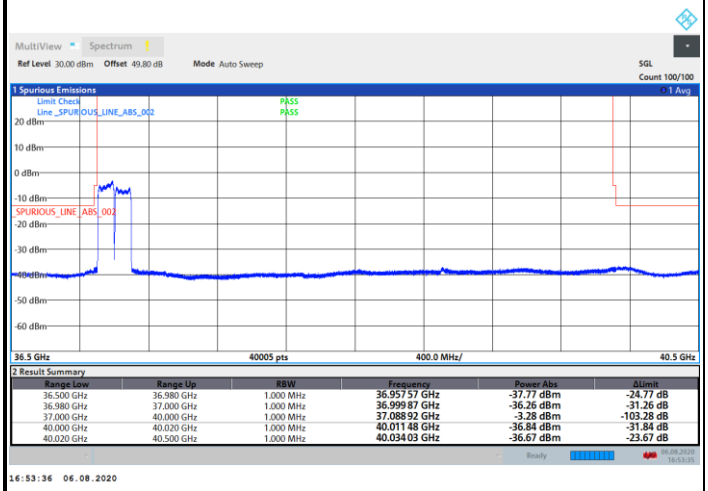
DFT-s-OFDM Module 1

NR Band n260 / 200MHz / 64QAM	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

CP-OFDM Module 0

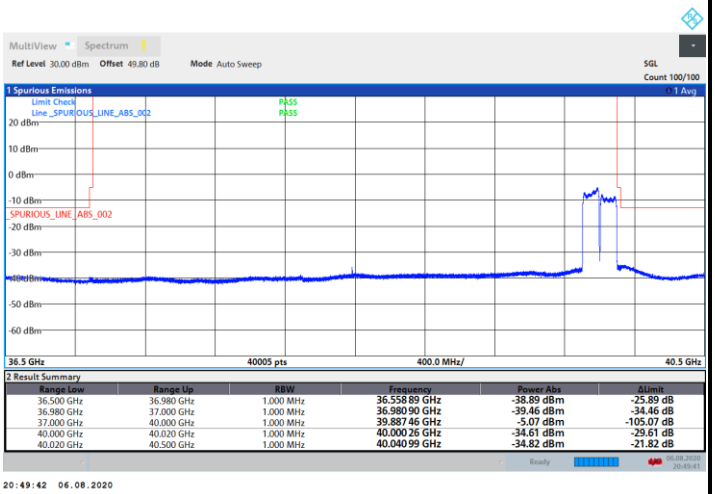
NR Band n260 / 200MHz / QPSK

Lowest Band Edge / Full RB



16:53:36 06.08.2020

Highest Band Edge / Full RB



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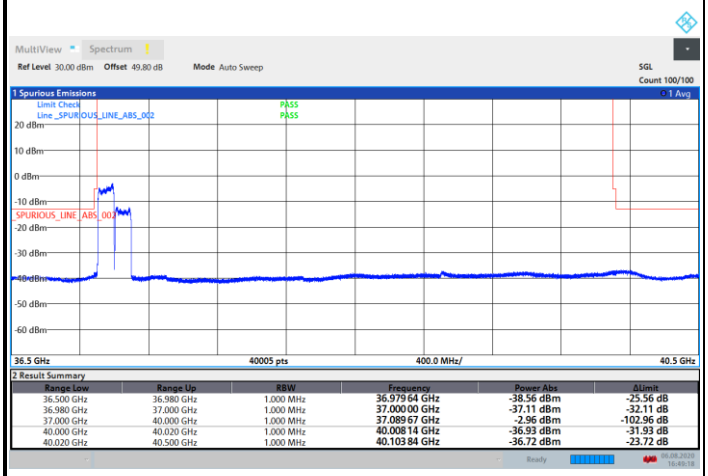
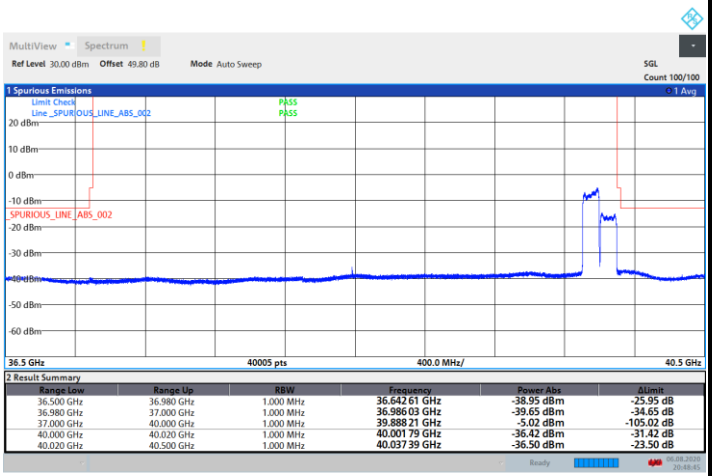
NR Band n260 / 200MHz / 16QAM

Lowest Band Edge / Full RB



16:49:19 06.08.2020

Highest Band Edge / Full RB



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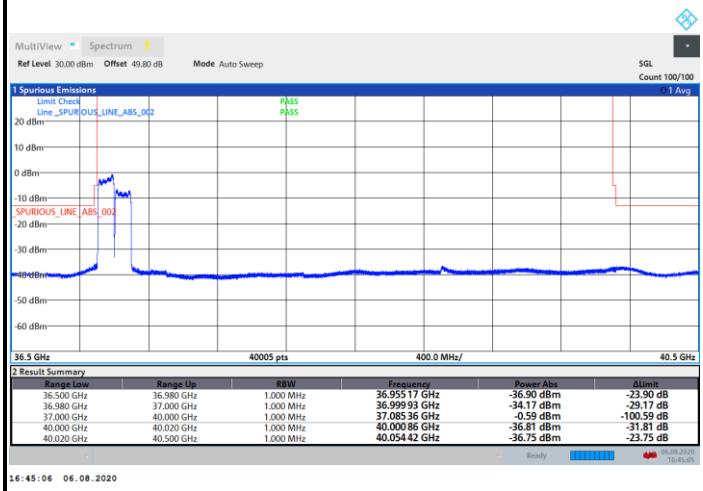
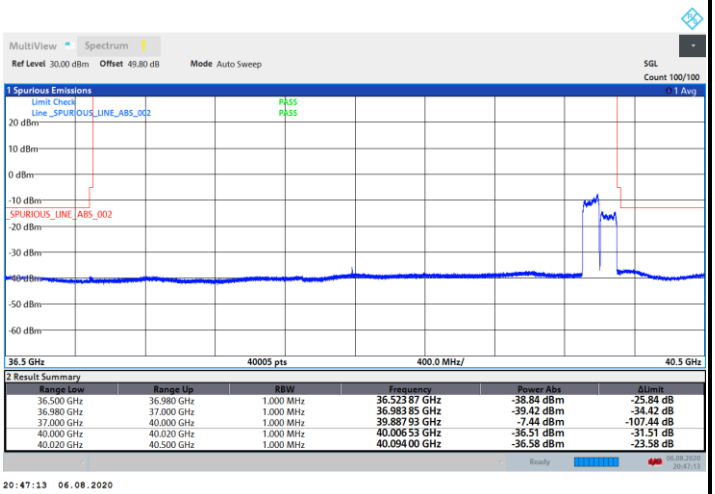
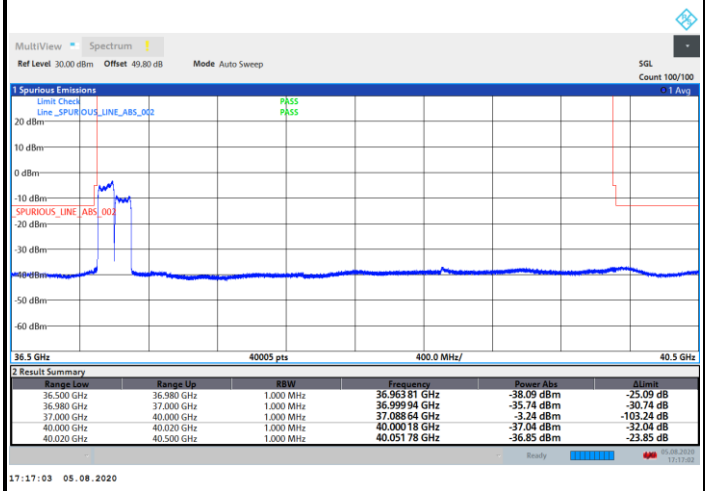
CP-OFDM Module 0

NR Band n260 / 200MHz / 64QAM	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

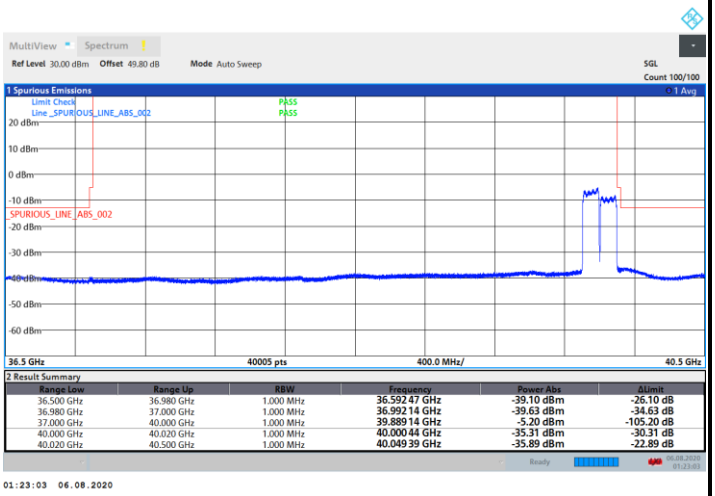
CP-OFDM Module 1

NR Band n260 / 200MHz / QPSK

Lowest Band Edge / Full RB

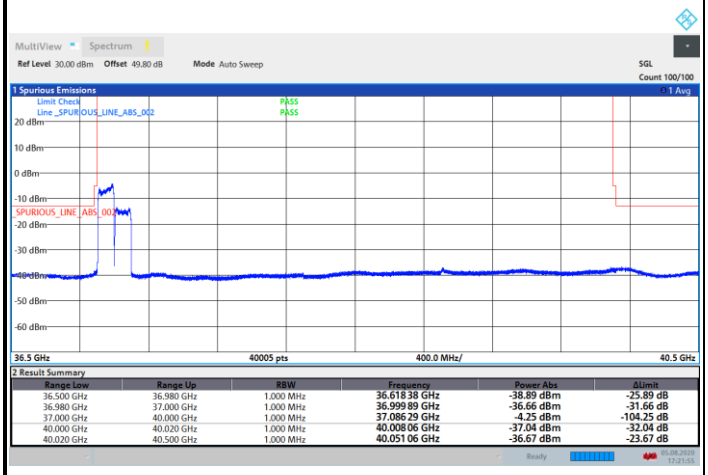


Highest Band Edge / Full RB

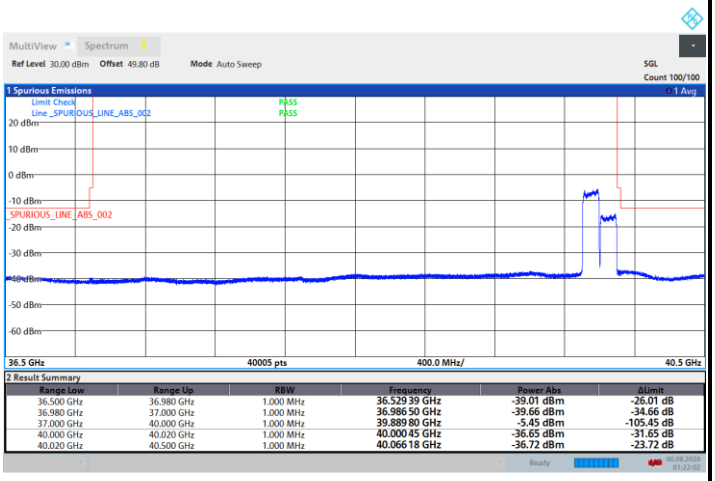


NR Band n260 / 200MHz / 16QAM

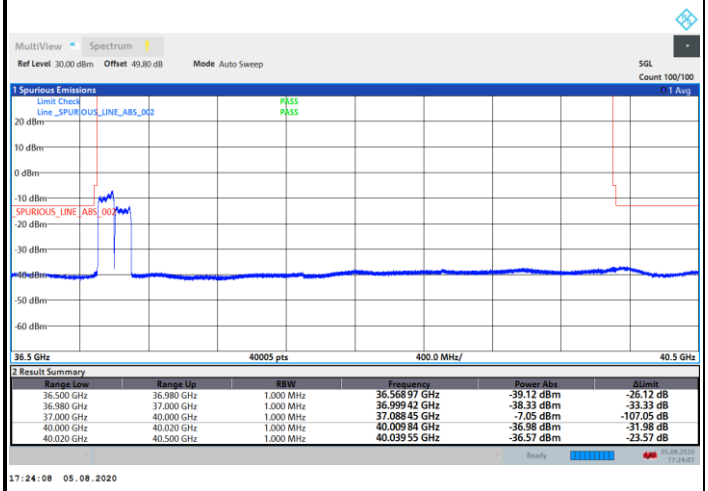
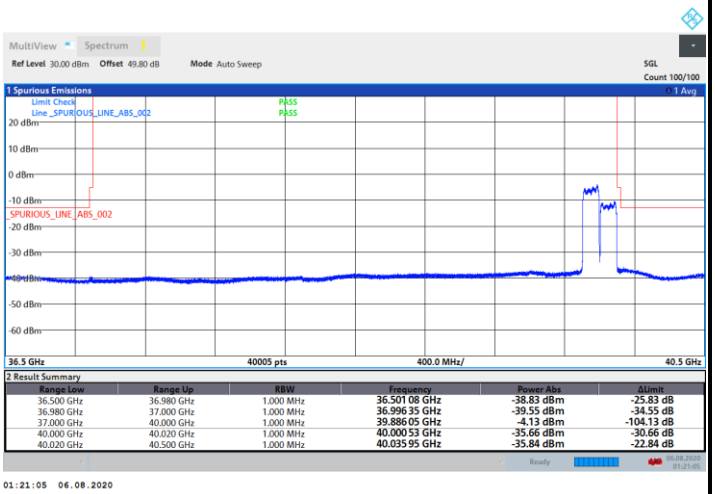
Lowest Band Edge / Full RB



Highest Band Edge / Full RB



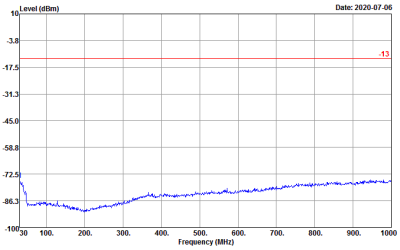
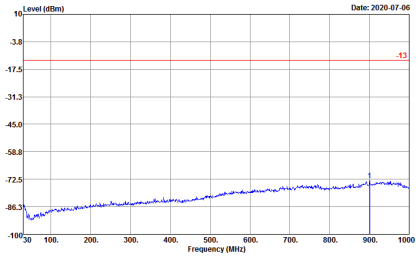
CP-OFDM Module 1

NR Band n260 / 200MHz / 64QAM	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

Spurious Emission

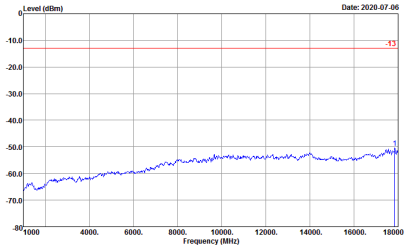
There is no significant spurious emission signal found for frequency started from 9kHz up to 18GHz.

Only the noise floor is reported.

NR Band n260 (30MHz-1GHz)
Horizontal
 Site : 03CH10-HY Condition : -13 EIRP_WO HORIZONTAL Project : 050822-01 : n260-M0-B19+147-50M-L-64RB0-QPSK-DFT-S Freq Level Over Limit Limit Line LISN Factor MHz dBm dB dBm dB 1 30.00 -75.41 -62.41 -13.00 40.08
Vertical
 Site : 03CH10-HY Condition : -13 EIRP_WO VERTICAL Project : 050822-01 : n260-M0-B19+147-50M-L-64RB0-QPSK-DFT-S Freq Level Over Limit Limit Line LISN Factor MHz dBm dB dBm dB 1 901.06 -73.06 -60.06 -13.00 40.45

NR Band n260 (1GHz-18GHz)

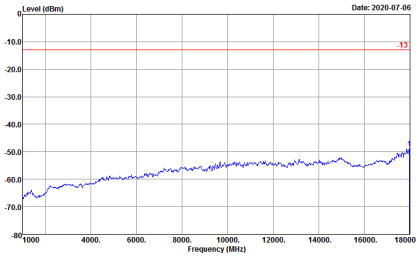
Horizontal



Site : 03CH10-HY
Condition : -13 EIRP_WO HORIZONTAL
Project : 050822-01
: n260-M0-B19+147-50M-L-64RB0-QPSK-DFT-S

	Freq	Level	Over Limit	Limit Line	LISN Factor
	MHz	dBm	dB	dBm	dB
1	17847.00	-50.46	-37.46	-13.00	72.70

Vertical



Site : 03CH10-HY
Condition : -13 EIRP_WO VERTICAL
Project : 050822-01
: n260-M0-B19+147-50M-L-64RB0-QPSK-DFT-S

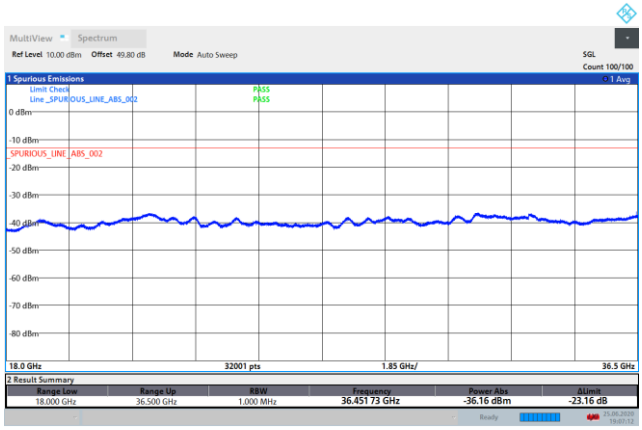
	Freq	Level	Over Limit	Limit Line	LISN Factor
	MHz	dBm	dB	dBm	dB
1	17966.00	-48.72	-35.72	-13.00	75.70

Spurious emission between 18GHz to 36.5GHz worst case plot is reported as following.

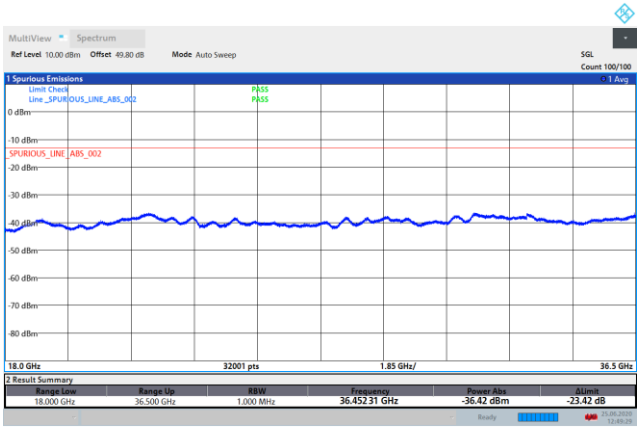
DFT-s-OFDM Module 0

NR Band n260 QPSK (18-36.5GHz)

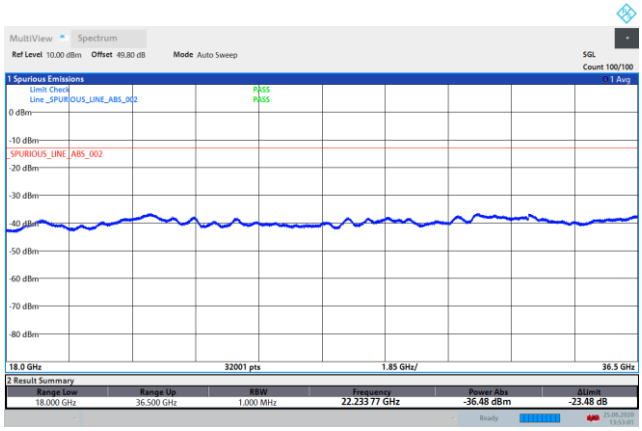
Lowest Channel / 50MHz



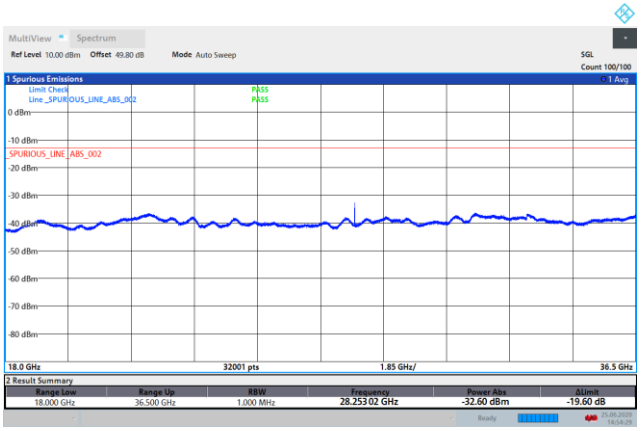
Lowest Channel / 100MHz



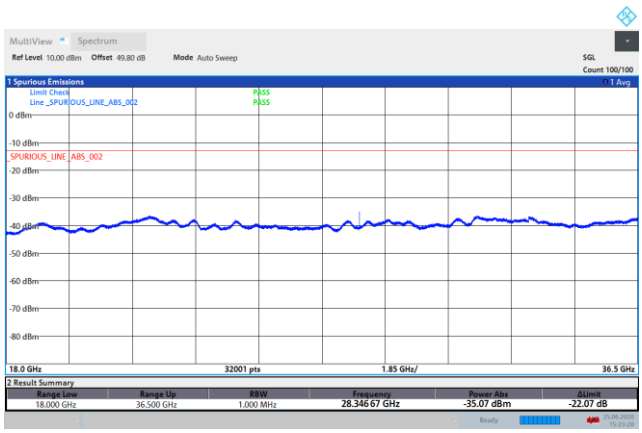
Middle Channel / 50MHz



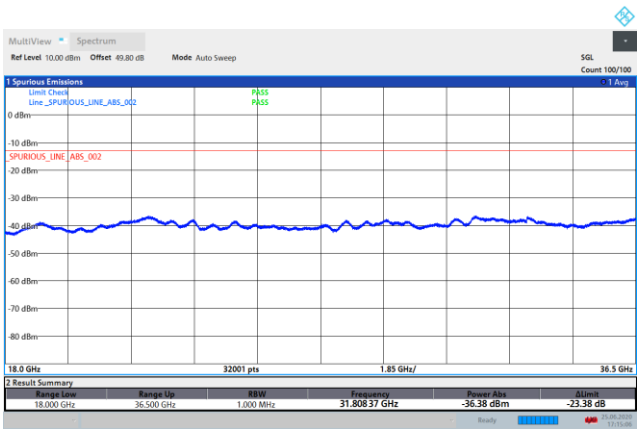
Middle Channel / 100MHz



Highest Channel / 50MHz



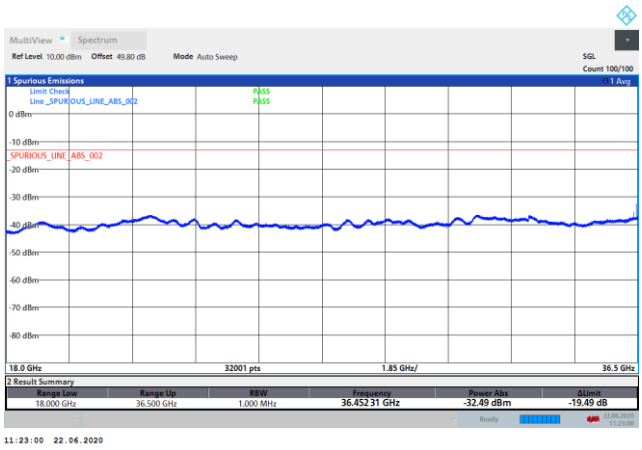
Highest Channel / 100MHz



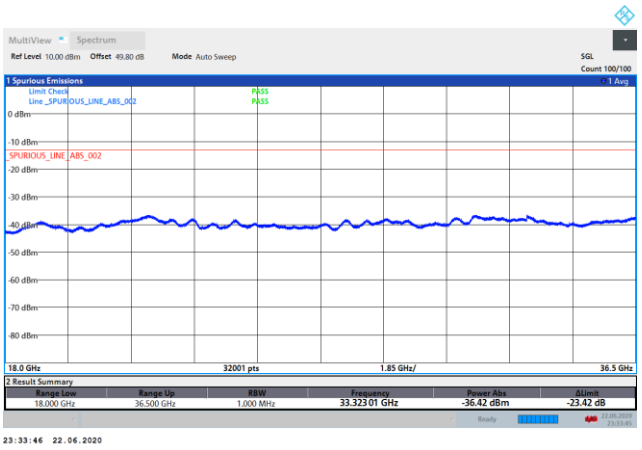
DFT-s-OFDM Module 1

NR Band n260 QPSK (18-36.5GHz)

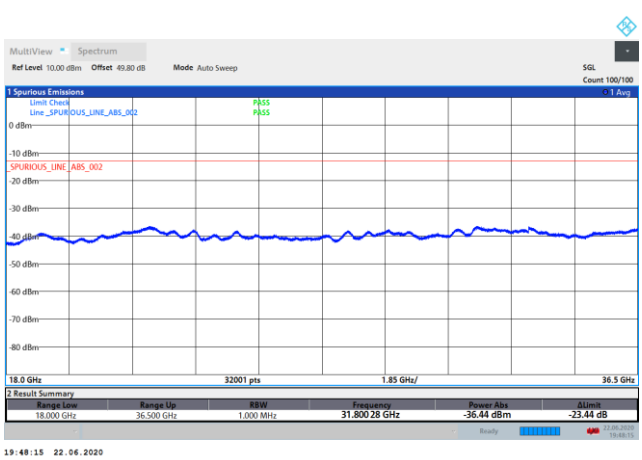
Lowest Channel / 50MHz



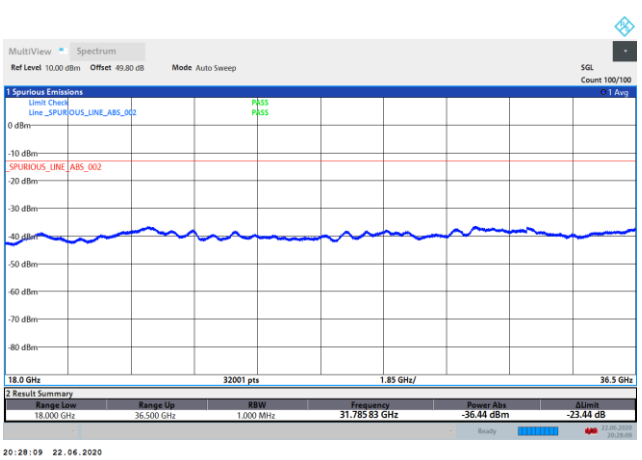
Lowest Channel / 100MHz



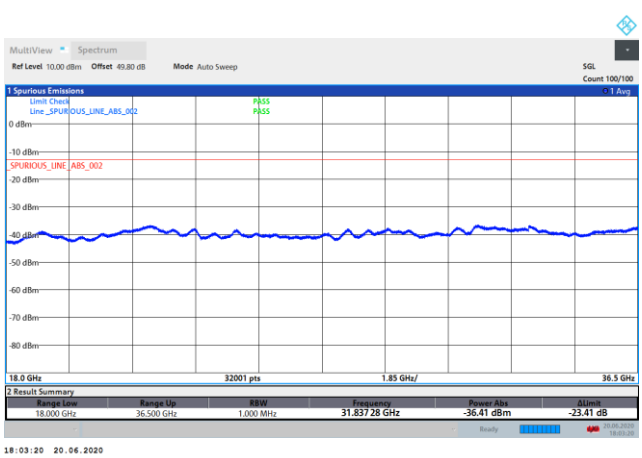
Middle Channel / 50MHz



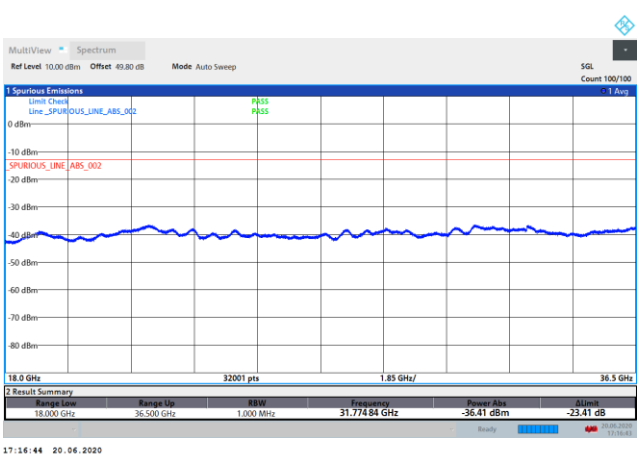
Middle Channel / 100MHz



Highest Channel / 50MHz



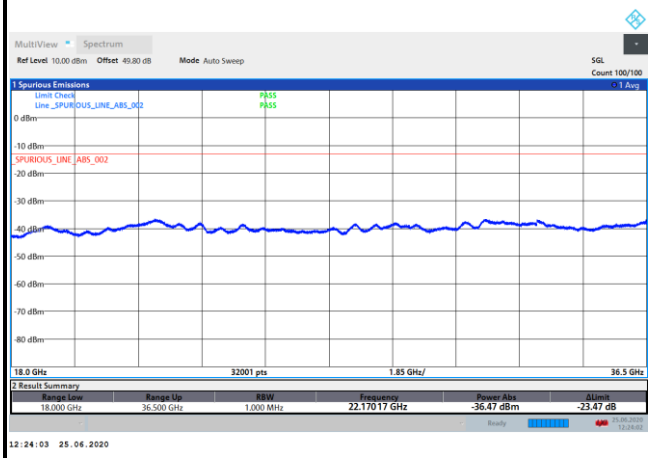
Highest Channel / 100MHz



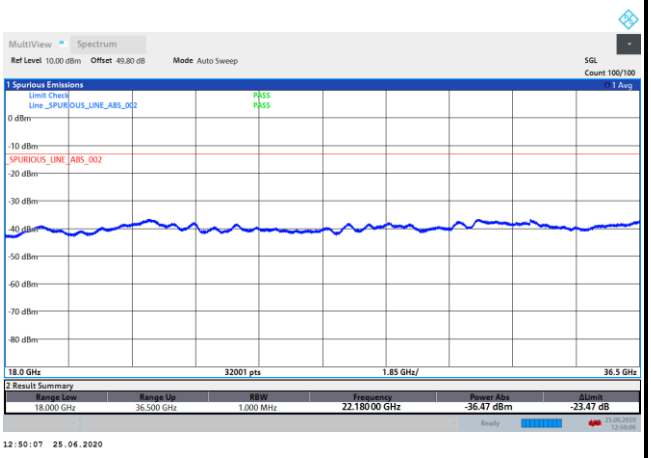
CP-OFDM Module 0

NR Band n260 QPSK (18-36.5GHz)

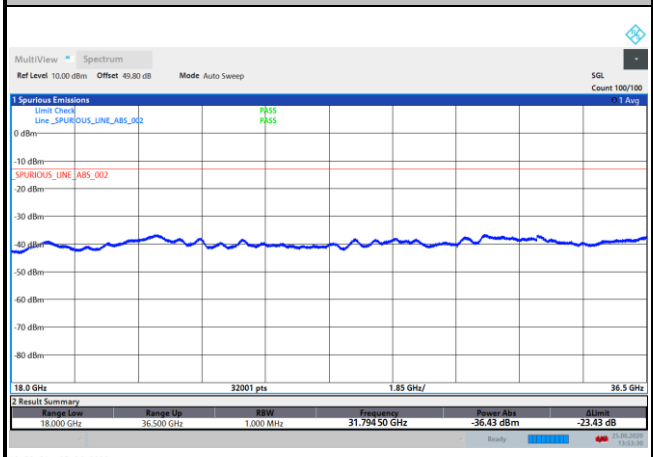
Lowest Channel / 50MHz



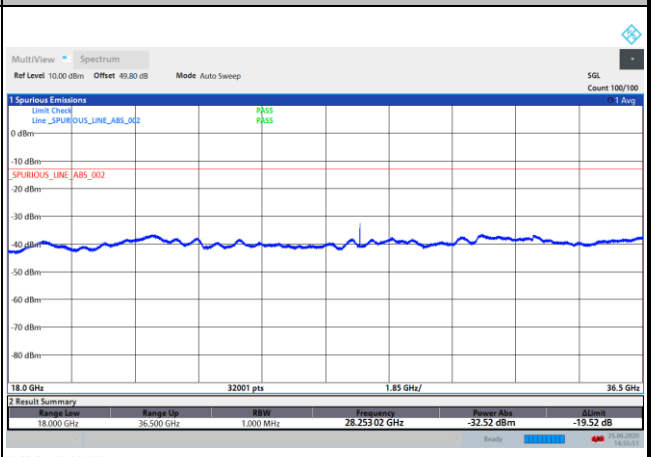
Lowest Channel / 100MHz



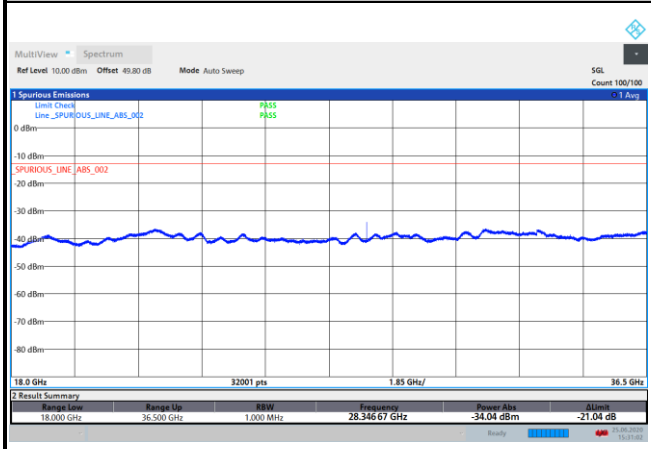
Middle Channel / 50MHz



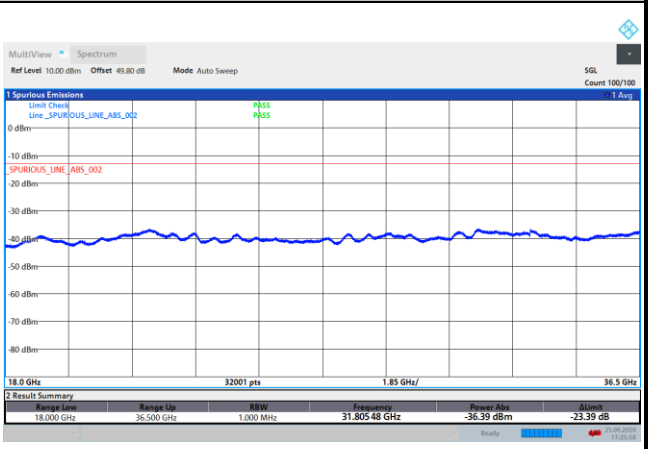
Middle Channel / 100MHz



Highest Channel / 50MHz



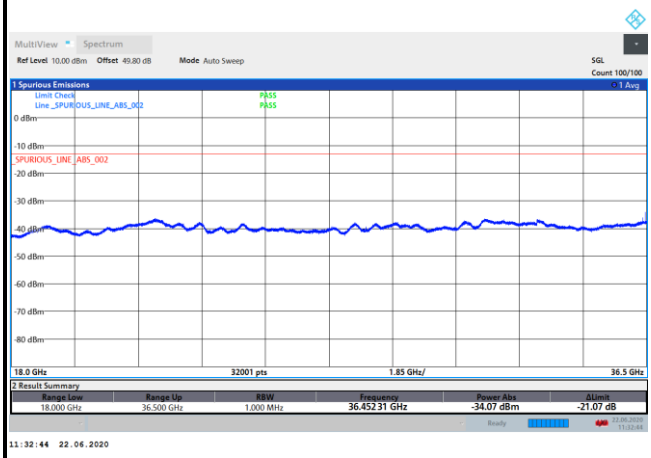
Highest Channel / 100MHz



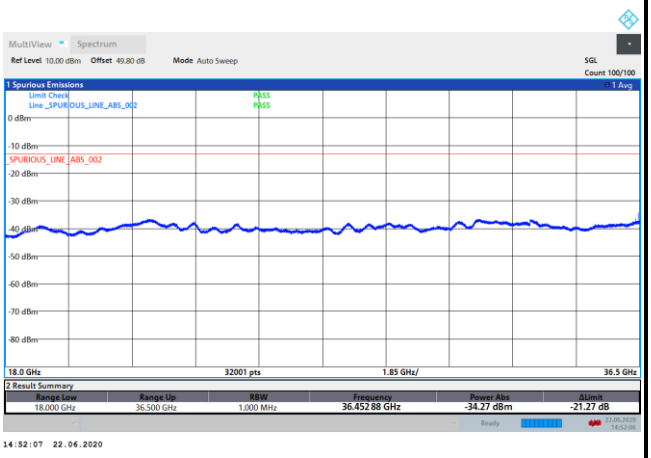
CP-OFDM Module 1

NR Band n260 QPSK (18-36.5GHz)

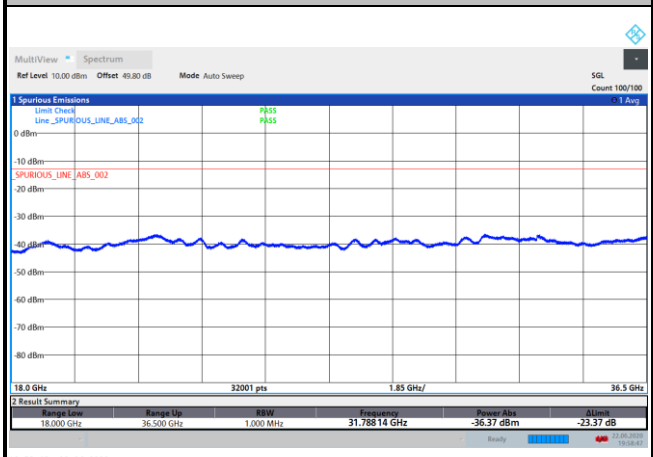
Lowest Channel / 50MHz



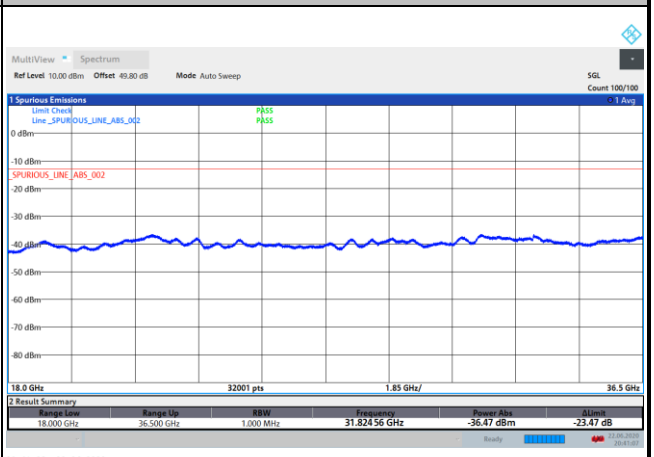
Lowest Channel / 100MHz



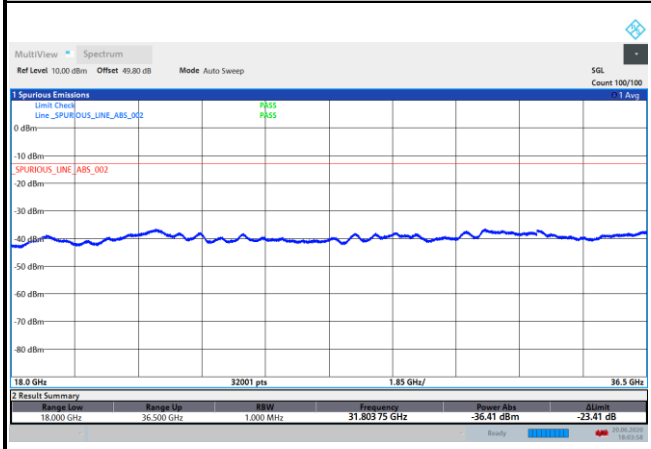
Middle Channel / 50MHz



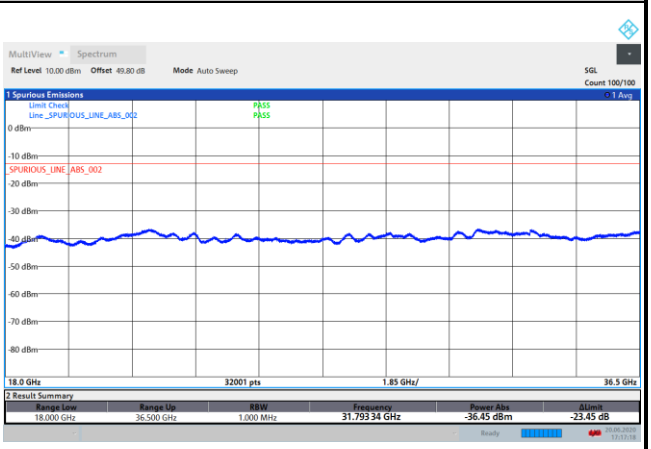
Middle Channel / 100MHz



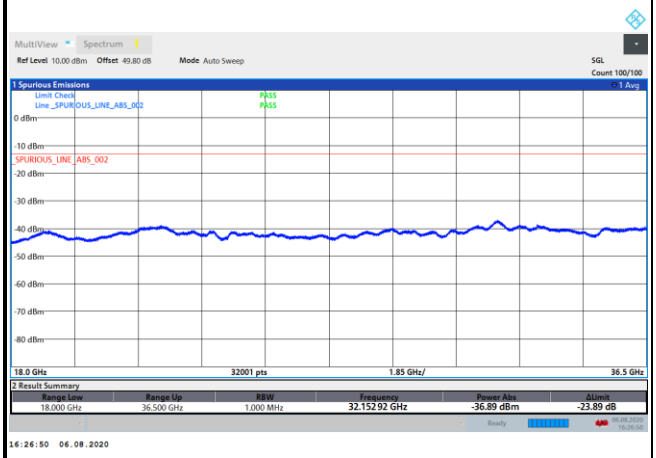
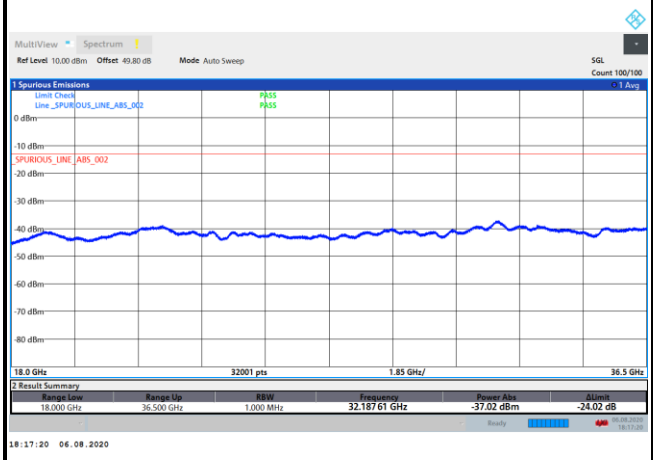
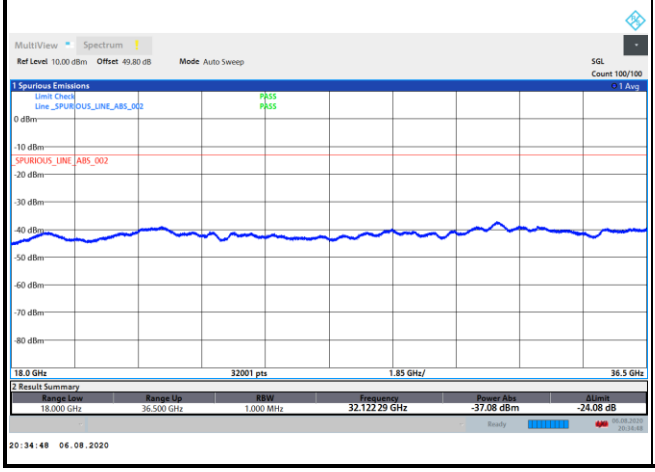
Highest Channel / 50MHz



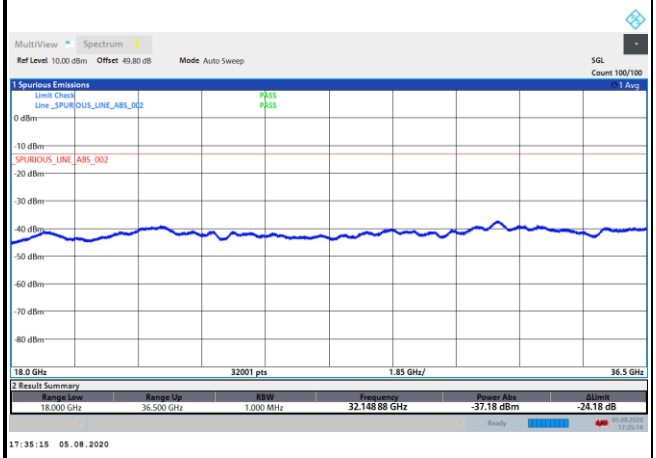
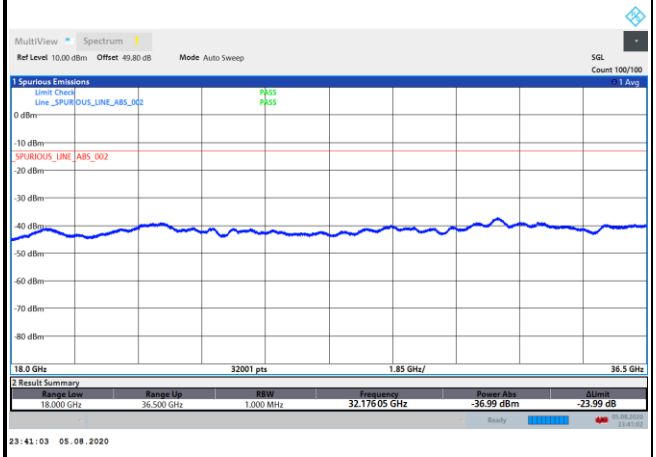
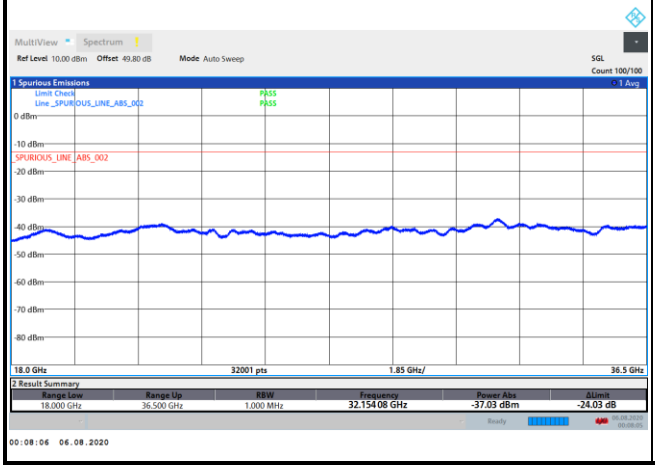
Highest Channel / 100MHz



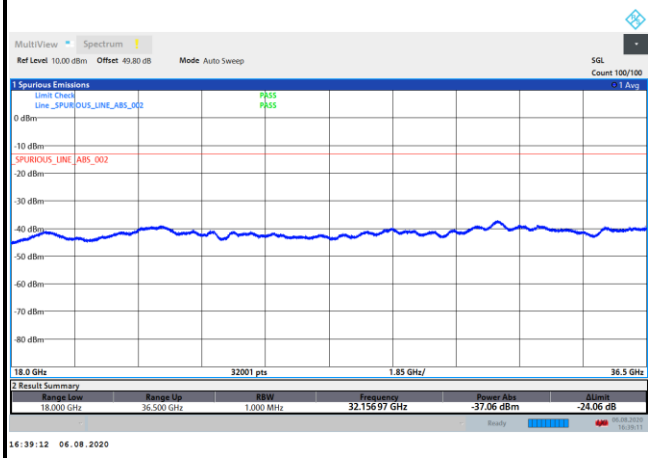
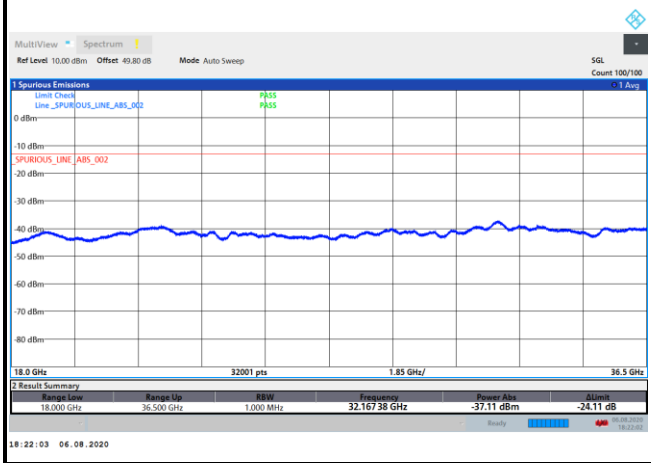
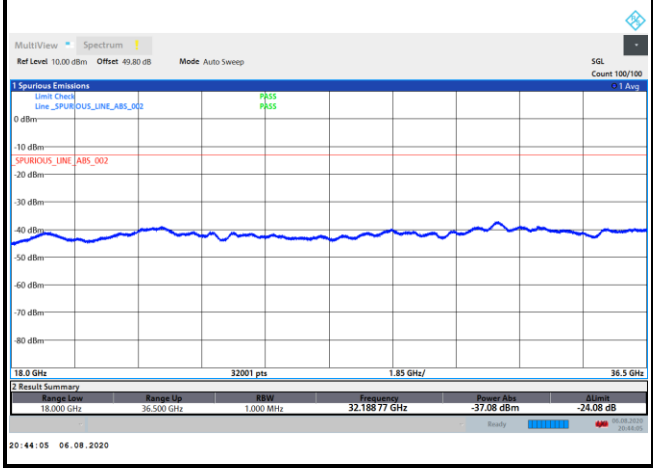
DFT-s-OFDM Module 0

NR Band n260 QPSK (18-36.5GHz)	
Lowest Channel / 200MHz	
	**intentionally blank**
Middle Channel / 200MHz	
	**intentionally blank**
Highest Channel / 200MHz	
	**intentionally blank**

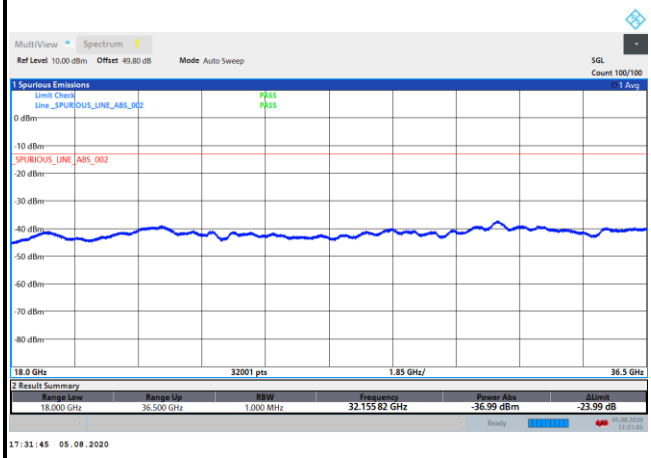
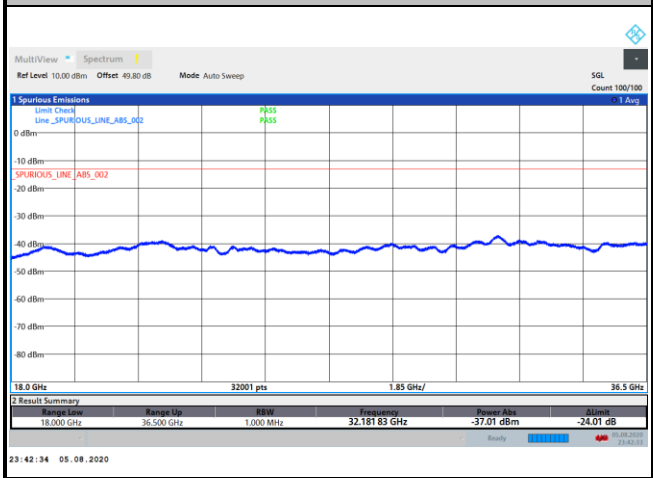
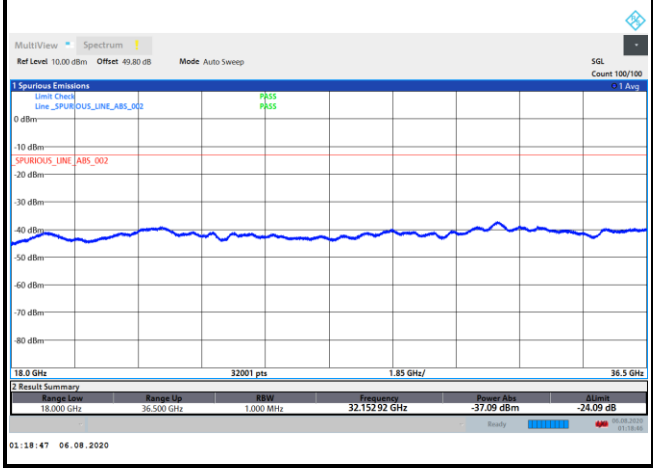
DFT-s-OFDM Module 1

NR Band n260 QPSK (18-36.5GHz)	
Lowest Channel / 200MHz	
	intentionally blank
Middle Channel / 200MHz	
	intentionally blank
Highest Channel / 200MHz	
	intentionally blank

CP-OFDM Module 0

NR Band n260 QPSK (18-36.5GHz)	
Lowest Channel / 200MHz	
	**intentionally blank**
Middle Channel / 200MHz	
	**intentionally blank**
Highest Channel / 200MHz	
	**intentionally blank**

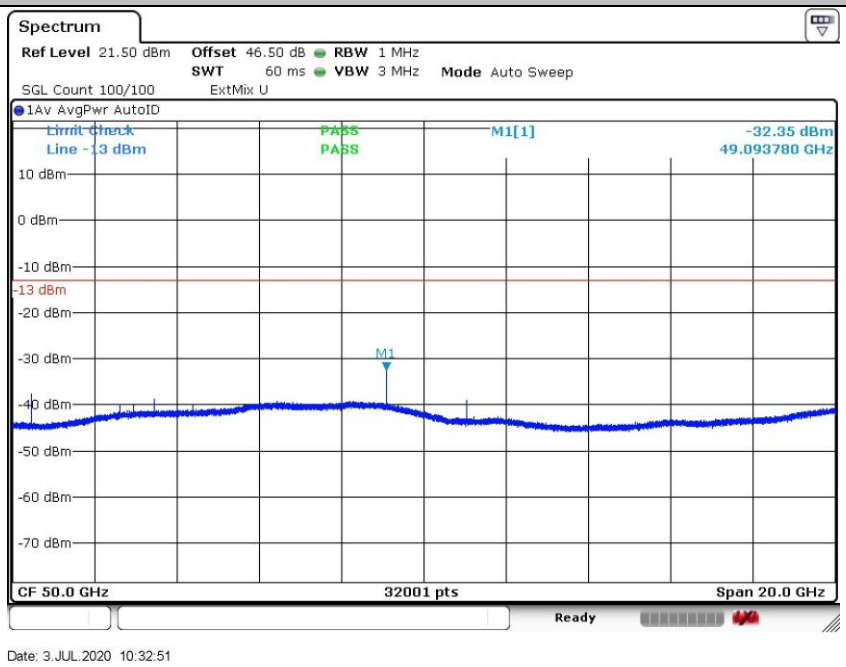
CP-OFDM Module 1

NR Band n260 QPSK (18-36.5GHz)	
Lowest Channel / 200MHz	
	**intentionally blank**
Middle Channel / 200MHz	
	**intentionally blank**
Highest Channel / 200MHz	
	**intentionally blank**

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

Only the noise floor is reported.

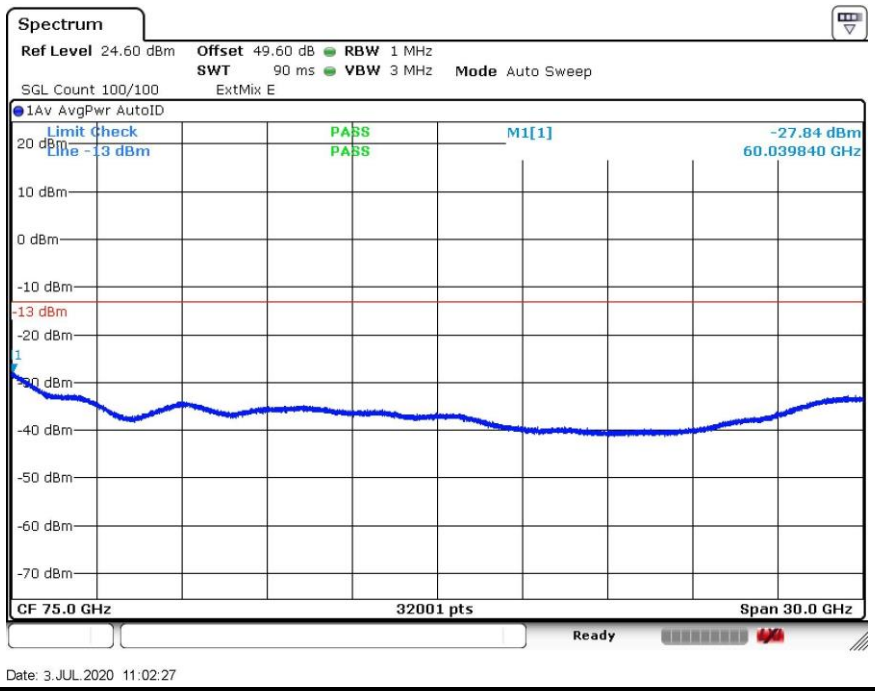
NR Band n260
(40GHz-60GHz)



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)

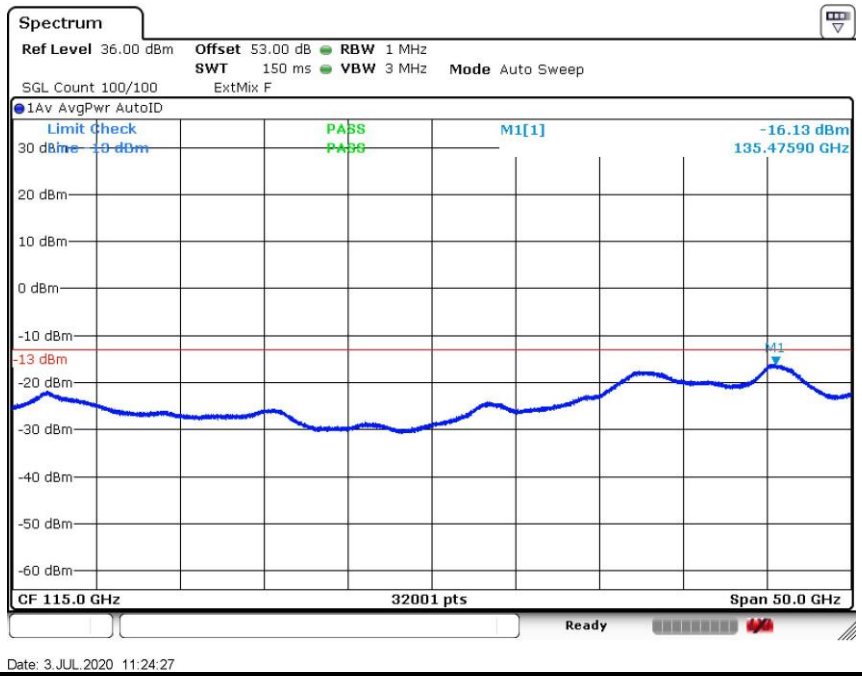
NR Band n260
(60GHz-90GHz)



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

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

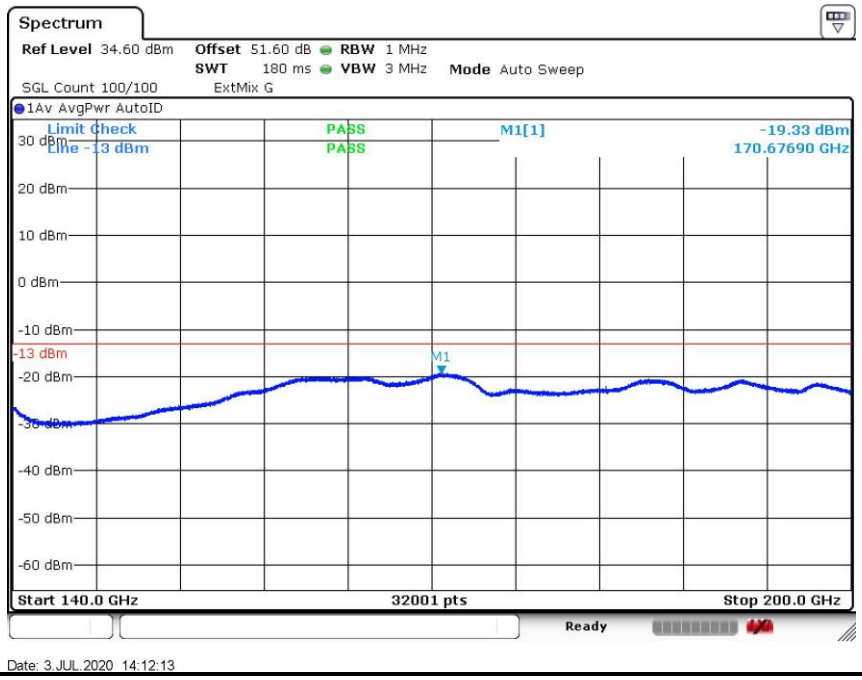
NR Band n260
(90GHz-140GHz)



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

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

NR Band n260
(140GHz-200GHz)



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

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

NR Band n260 AG0+AG1

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	45.46	45.40	45.30	90.13	90.48	90.26
Middle CH	45.16	45.45	45.13	90.72	90.87	90.32
Highest CH	45.20	45.51	45.20	90.27	90.86	90.23

Mode	DFT-s-OFDM Module 1 NR Band n260 : 99%OBW(MHz)					
BW	50MHz			100MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	45.36	45.35	45.12	90.10	90.38	87.09
Middle CH	45.18	45.35	45.41	90.64	90.60	90.26
Highest CH	45.44	45.30	45.16	90.85	90.47	90.22

Mode	CP-OFDM Module 0 NR Band n260 : 99%OBW(MHz)					
BW	50MHz			100MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	45.74	45.21	45.33	90.36	90.25	89.92
Middle CH	45.23	45.23	45.18	90.34	90.68	90.23
Highest CH	45.22	45.32	45.07	92.82	92.85	92.97

Mode	CP-OFDM Module 1 NR Band n260 : 99%OBW(MHz)					
BW	50MHz			100MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	45.53	45.30	45.03	92.95	92.63	92.64
Middle CH	45.28	45.18	45.24	90.76	90.48	90.45
Highest CH	45.38	45.40	45.30	90.72	90.87	91.06

Mode	DFT-s-OFDM Module 0 NR Band n260 : 99%OBW(MHz)		
BW	200MHz		
Mod.	QPSK	16QAM	64QAM
Lowest CH	187.86	186.81	187.79
Middle CH	187.35	184.22	185.27
Highest CH	187.54	187.22	182.92

Mode	DFT-s-OFDM Module 1 NR Band n260 : 99%OBW(MHz)		
BW	200MHz		
Mod.	QPSK	16QAM	64QAM
Lowest CH	186.36	185.39	173.50
Middle CH	188.33	187.90	185.07
Highest CH	187.23	185.88	178.24

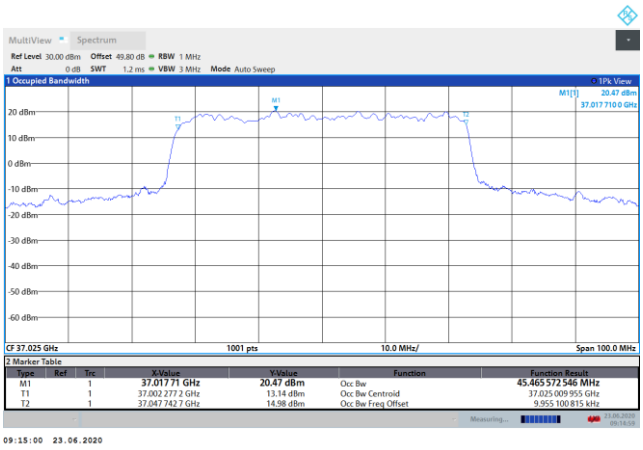
Mode	CP-OFDM Module 0 NR Band n260 : 99%OBW(MHz)		
BW	200MHz		
Mod.	QPSK	16QAM	64QAM
Lowest CH	190.50	190.68	190.63
Middle CH	188.89	187.02	189.54
Highest CH	188.95	183.31	184.47

Mode	CP-OFDM Module 1 NR Band n260 : 99%OBW(MHz)		
BW	200MHz		
Mod.	QPSK	16QAM	64QAM
Lowest CH	189.63	188.49	188.51
Middle CH	189.89	188.51	189.57
Highest CH	189.45	187.51	191.03

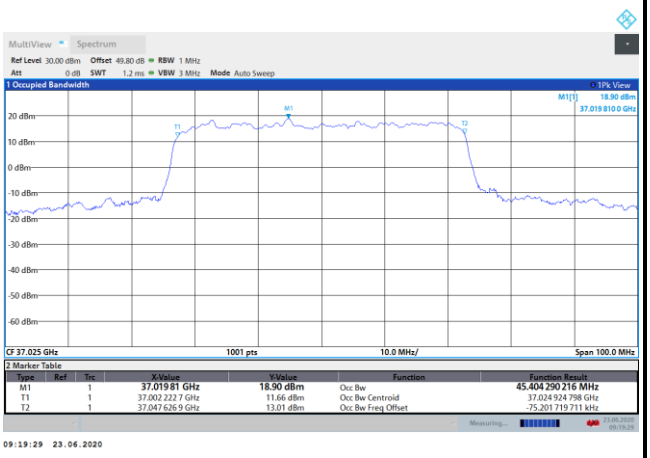
DFT-s-OFDM Module 0

NR Band n260

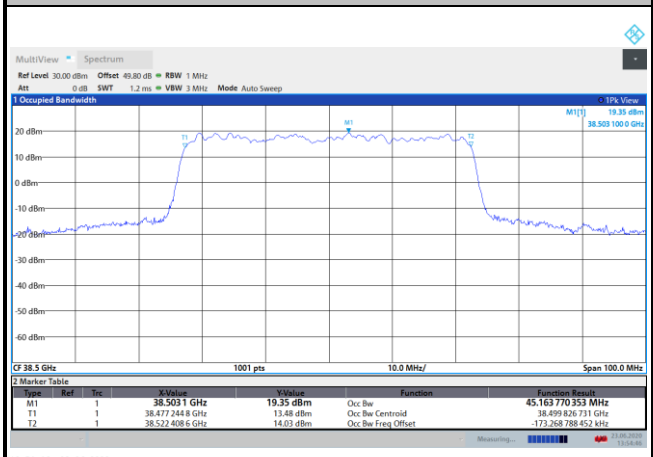
Lowest Channel / 50MHz / QPSK



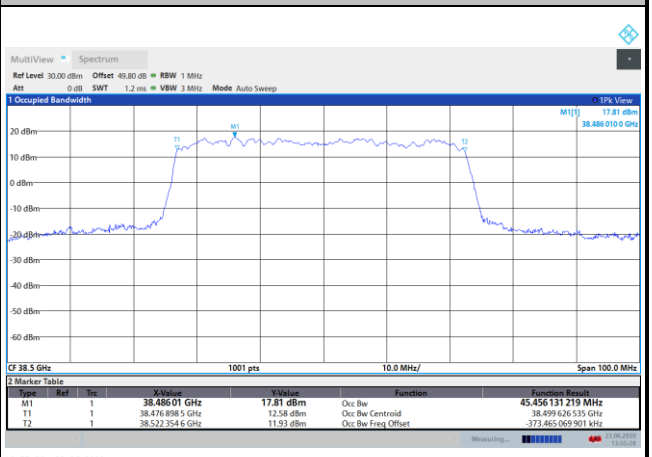
Lowest Channel / 50MHz / 16QAM



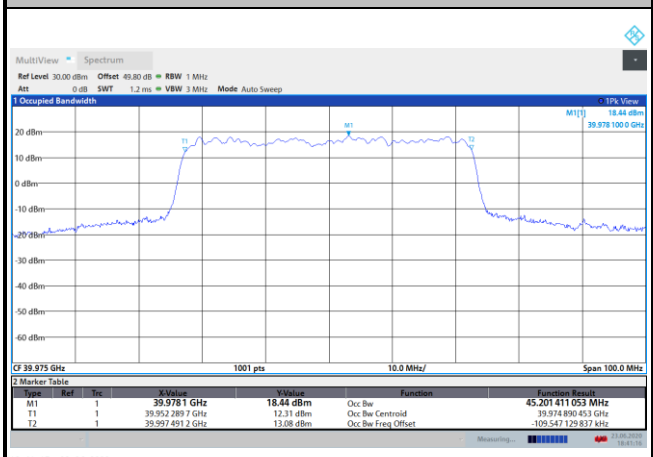
Middle Channel / 50MHz / QPSK



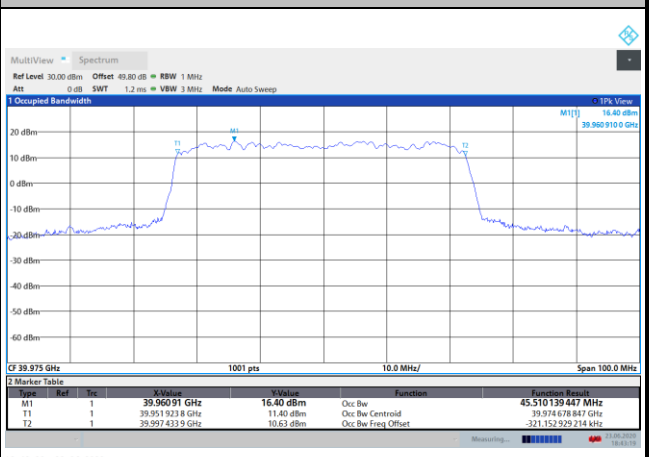
Middle Channel / 50MHz / 16QAM



Highest Channel / 50MHz / QPSK



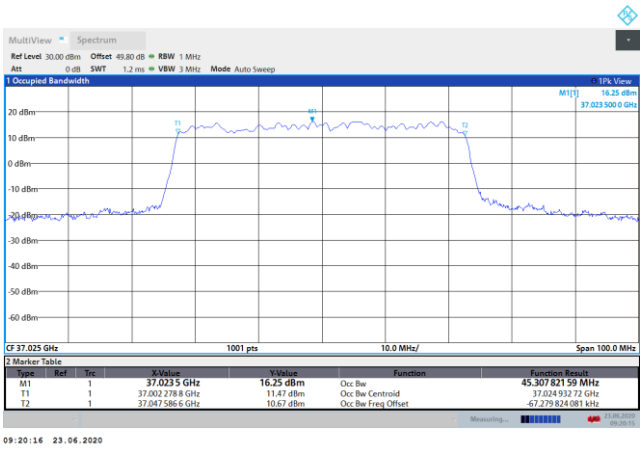
Highest Channel / 50MHz / 16QAM



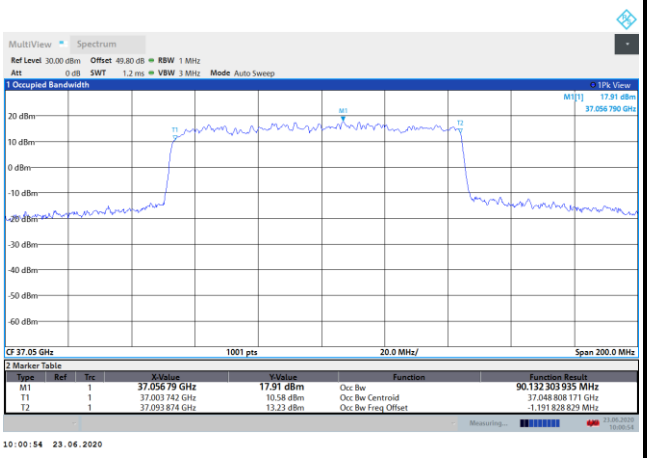
DFT-s-OFDM Module 0

NR Band n260

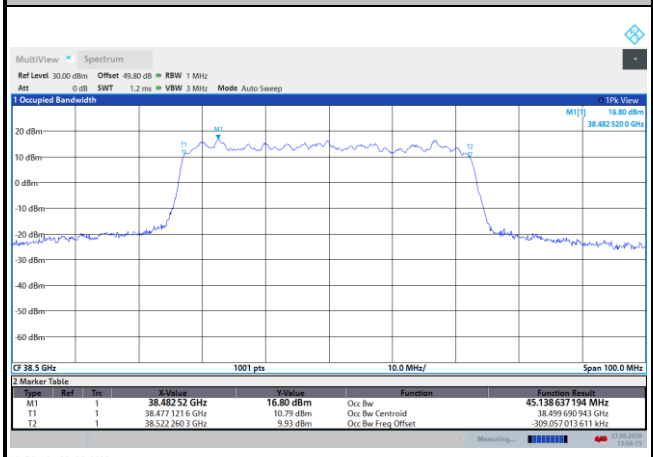
Lowest Channel / 50MHz / 64QAM



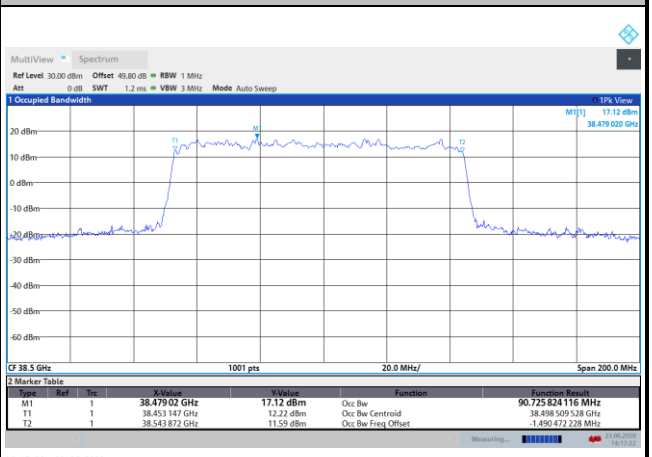
Lowest Channel / 100MHz / QPSK



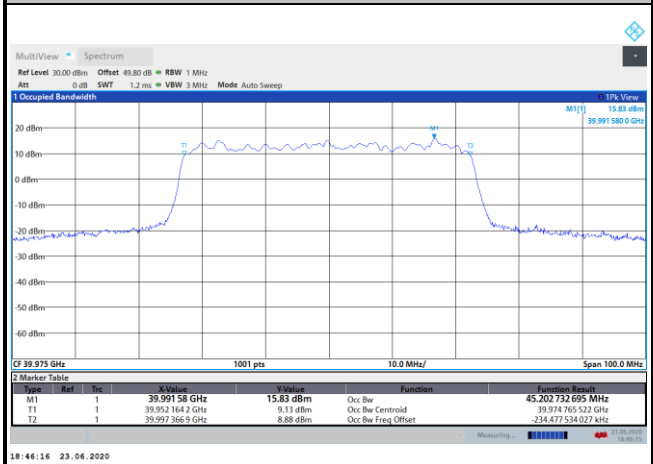
Middle Channel / 50MHz / 64QAM



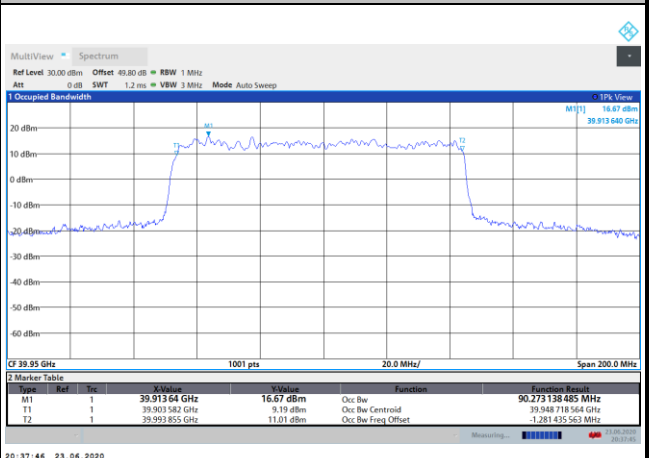
Middle Channel / 100MHz / QPSK



Highest Channel / 50MHz / 64QAM



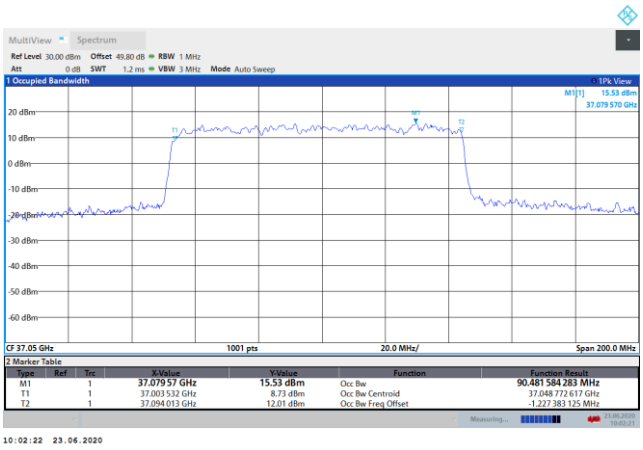
Highest Channel / 100MHz / QPSK



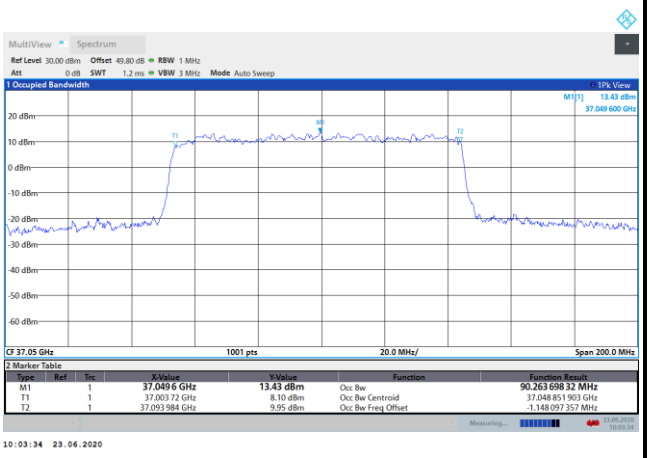
DFT-s-OFDM Module 0

NR Band n260

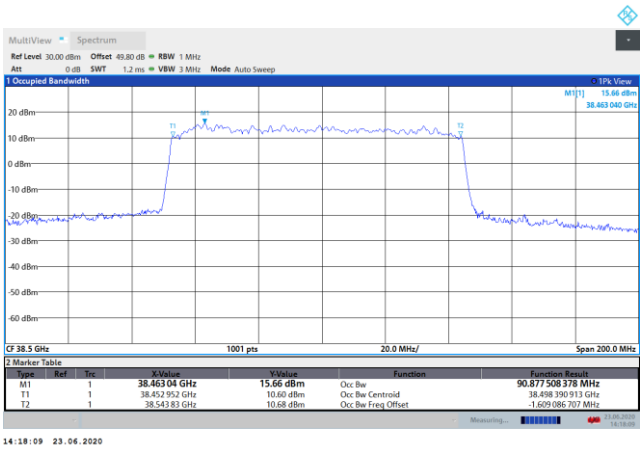
Lowest Channel / 100MHz / 16QAM



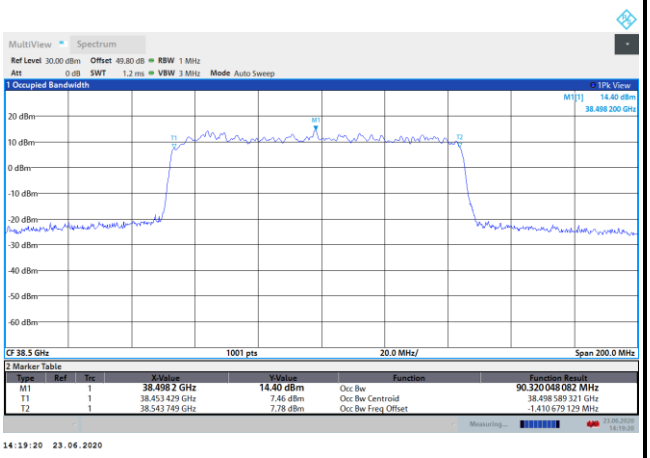
Lowest Channel / 100MHz / 64QAM



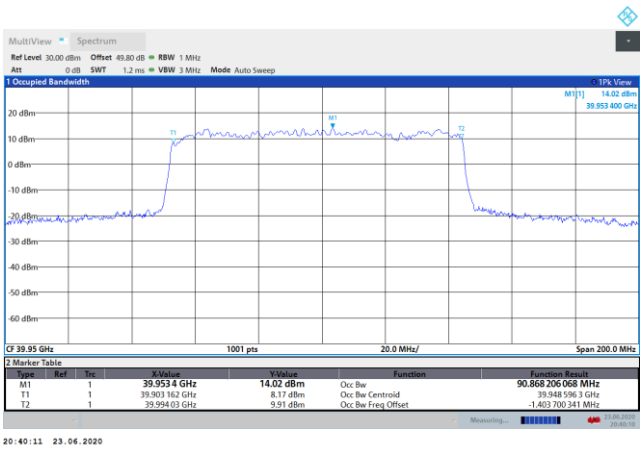
Middle Channel / 100MHz / 16QAM



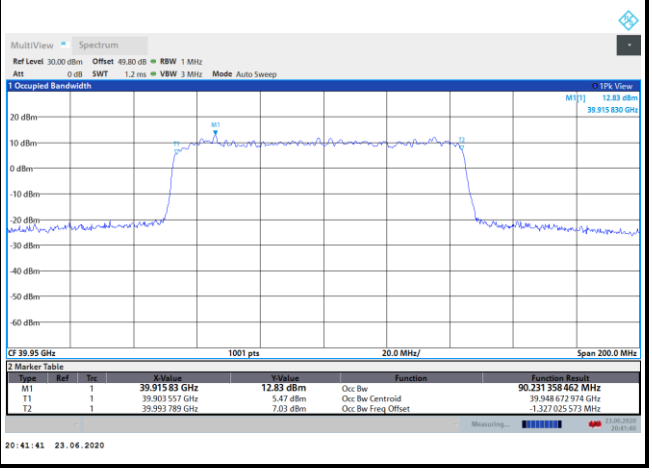
Middle Channel / 100MHz / 64QAM



Highest Channel / 100MHz / 16QAM



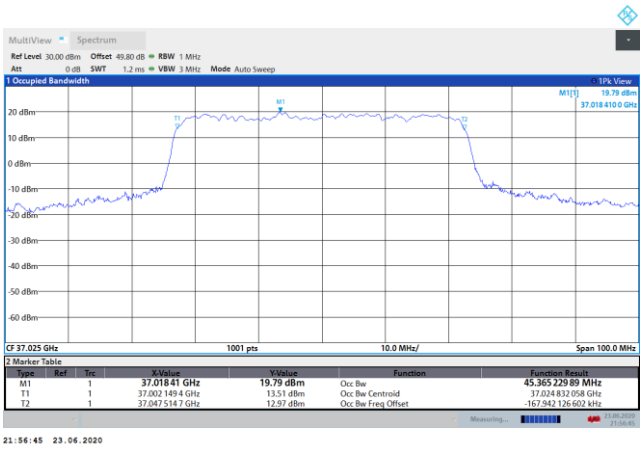
Highest Channel / 100MHz / 64QAM



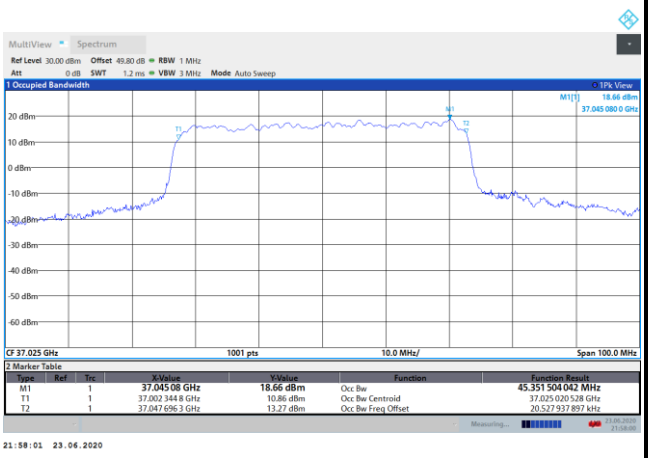
DFT-s-OFDM Module 1

NR Band n260

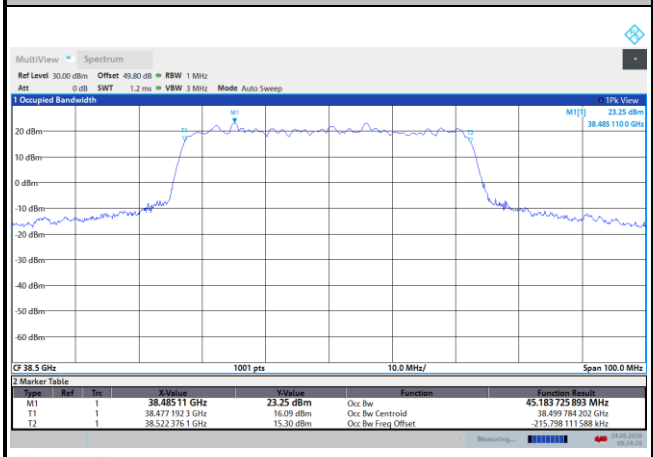
Lowest Channel / 50MHz / QPSK



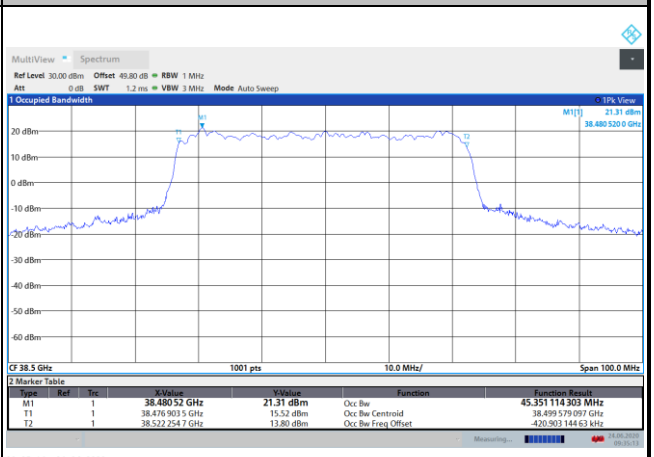
Lowest Channel / 50MHz / 16QAM



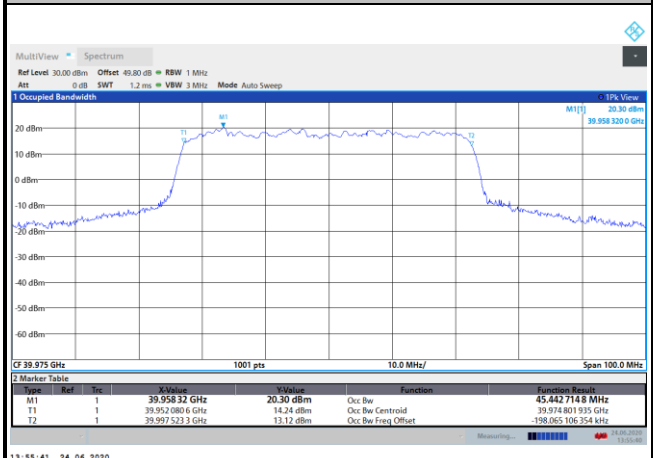
Middle Channel / 50MHz / QPSK



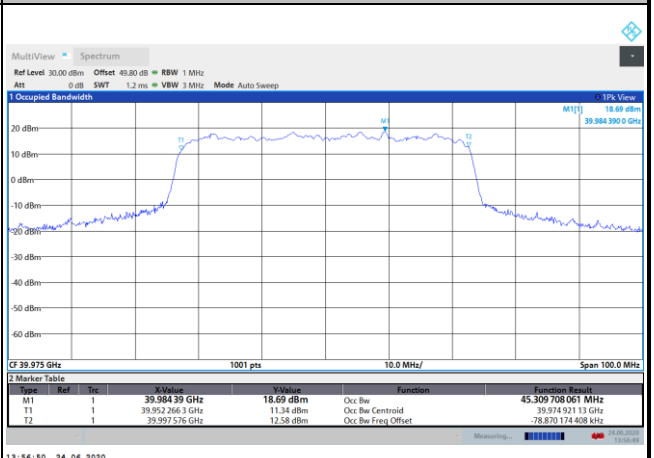
Middle Channel / 50MHz / 16QAM



Highest Channel / 50MHz / QPSK



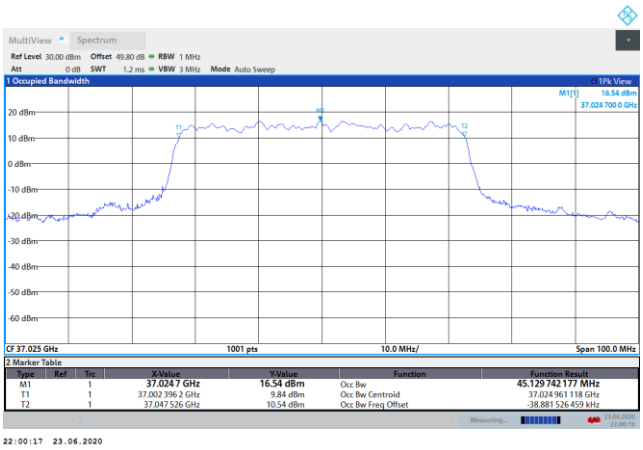
Highest Channel / 50MHz / 16QAM



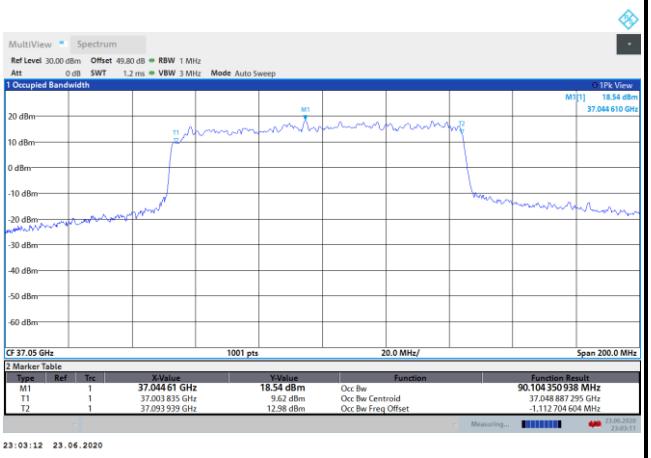
DFT-s-OFDM Module 1

NR Band n260

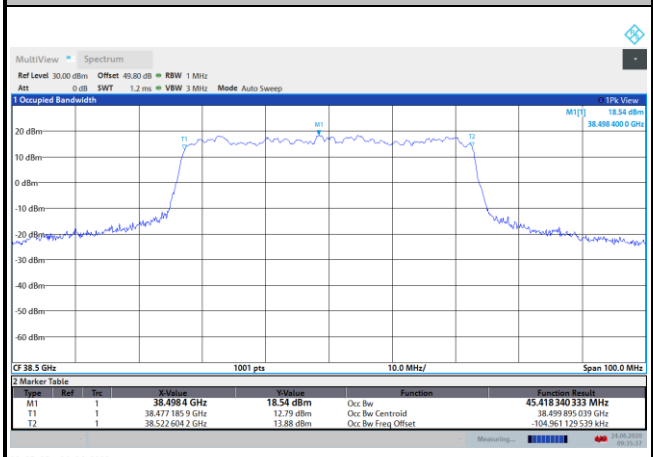
Lowest Channel / 50MHz / 64QAM



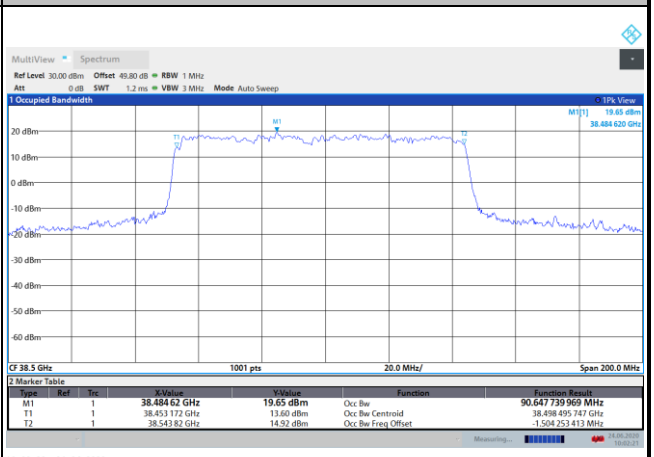
Lowest Channel / 100MHz / QPSK



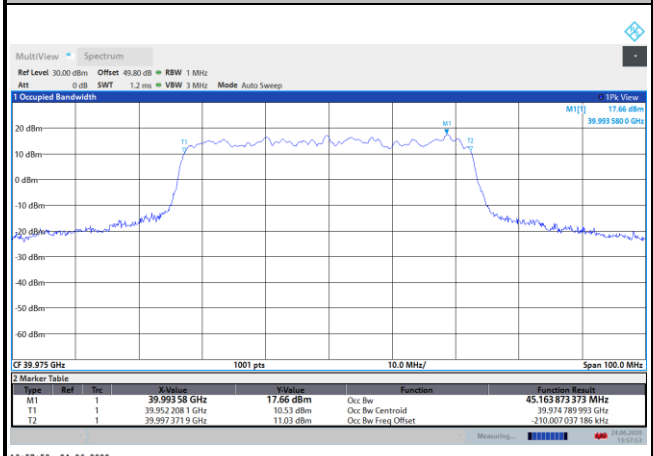
Middle Channel / 50MHz / 64QAM



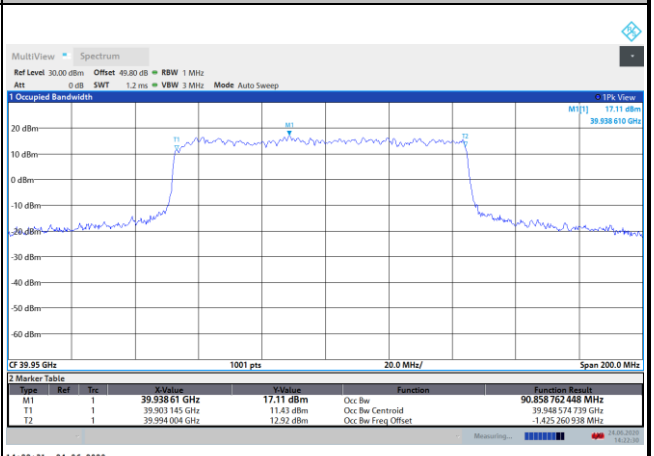
Middle Channel / 100MHz / QPSK



Highest Channel / 50MHz / 64QAM



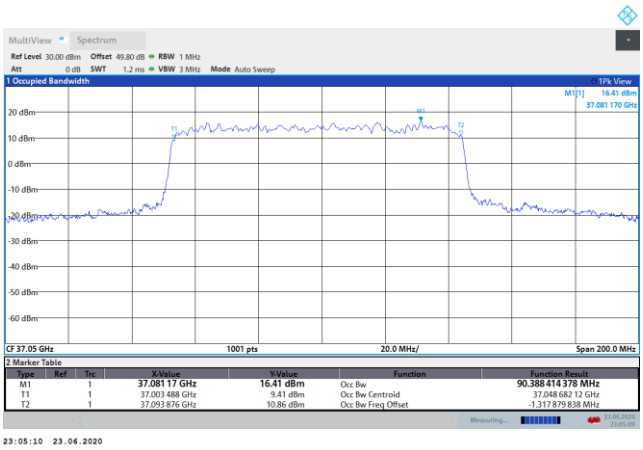
Highest Channel / 100MHz / QPSK



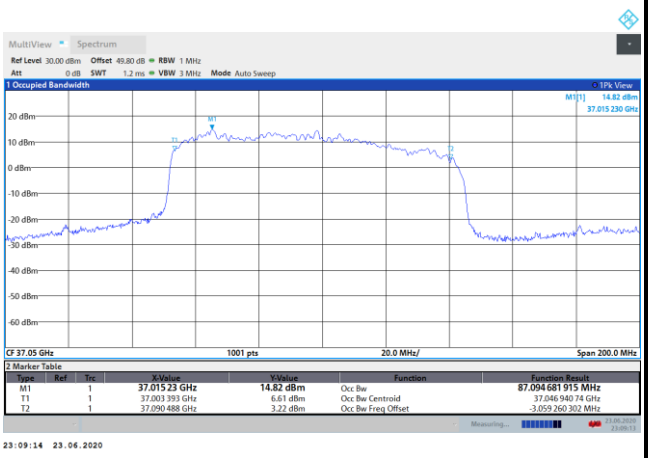
DFT-s-OFDM Module 1

NR Band n260

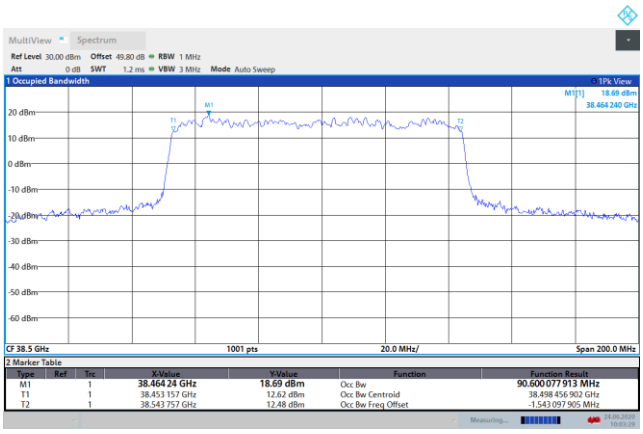
Lowest Channel / 100MHz / 16QAM



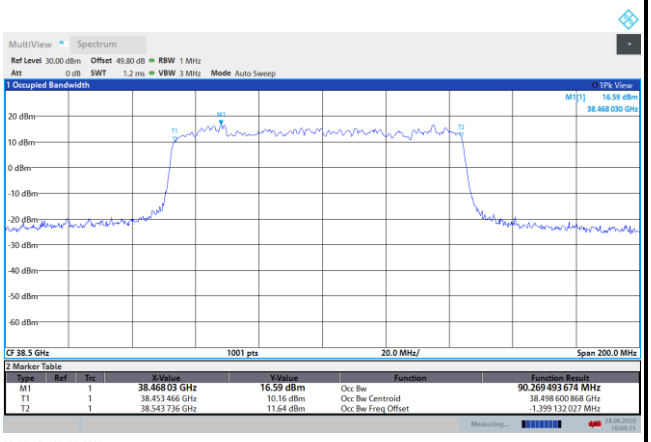
Lowest Channel / 100MHz / 64QAM



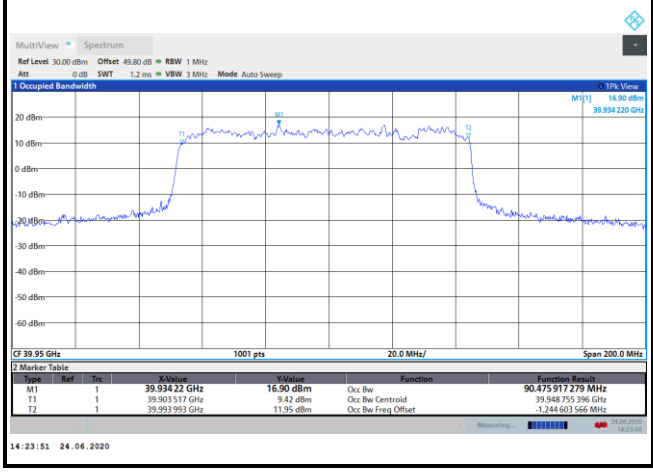
Middle Channel / 100MHz / 16QAM



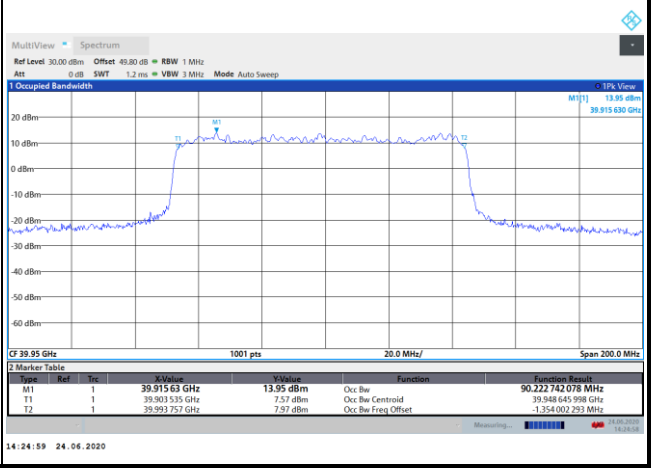
Middle Channel / 100MHz / 64QAM



Highest Channel / 100MHz / 16QAM



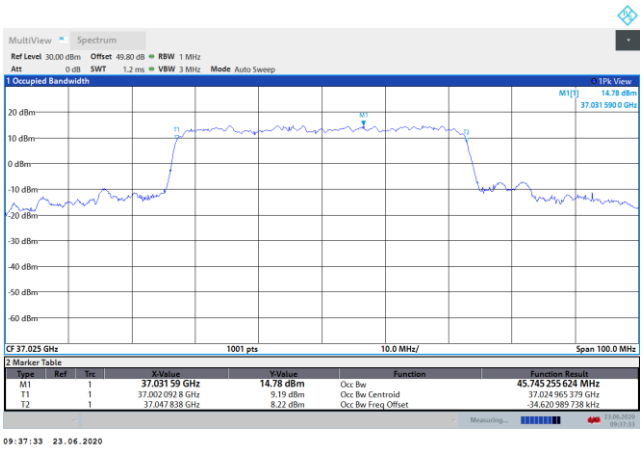
Highest Channel / 100MHz / 64QAM



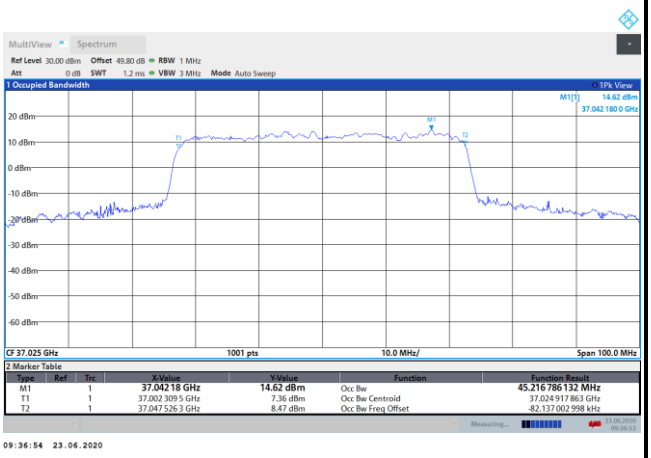
CP-OFDM Module 0

NR Band n2610

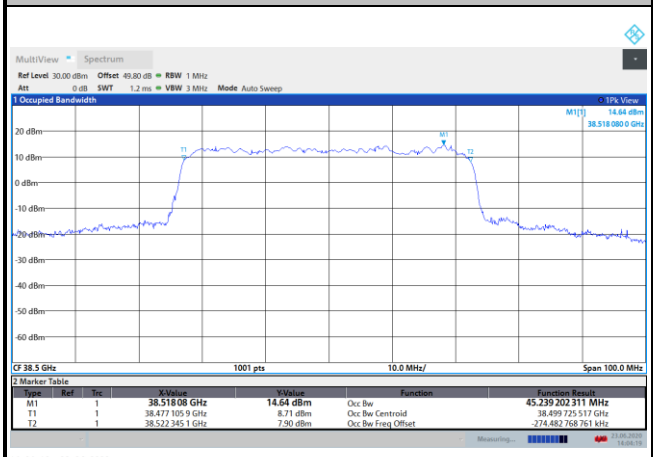
Lowest Channel / 50MHz / QPSK



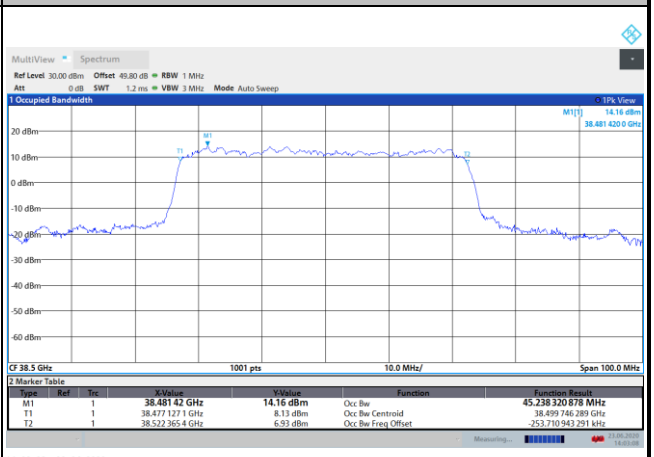
Lowest Channel / 50MHz / 16QAM



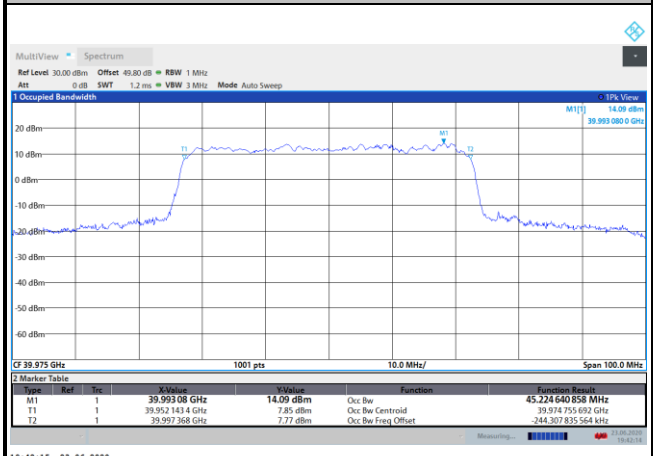
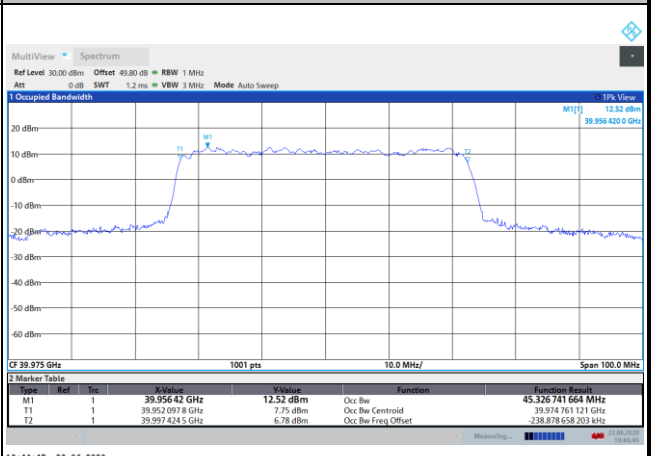
Middle Channel / 50MHz / QPSK



Middle Channel / 50MHz / 16QAM



Highest Channel / 50MHz / QPSK



Highest Channel / 50MHz / 16QAM