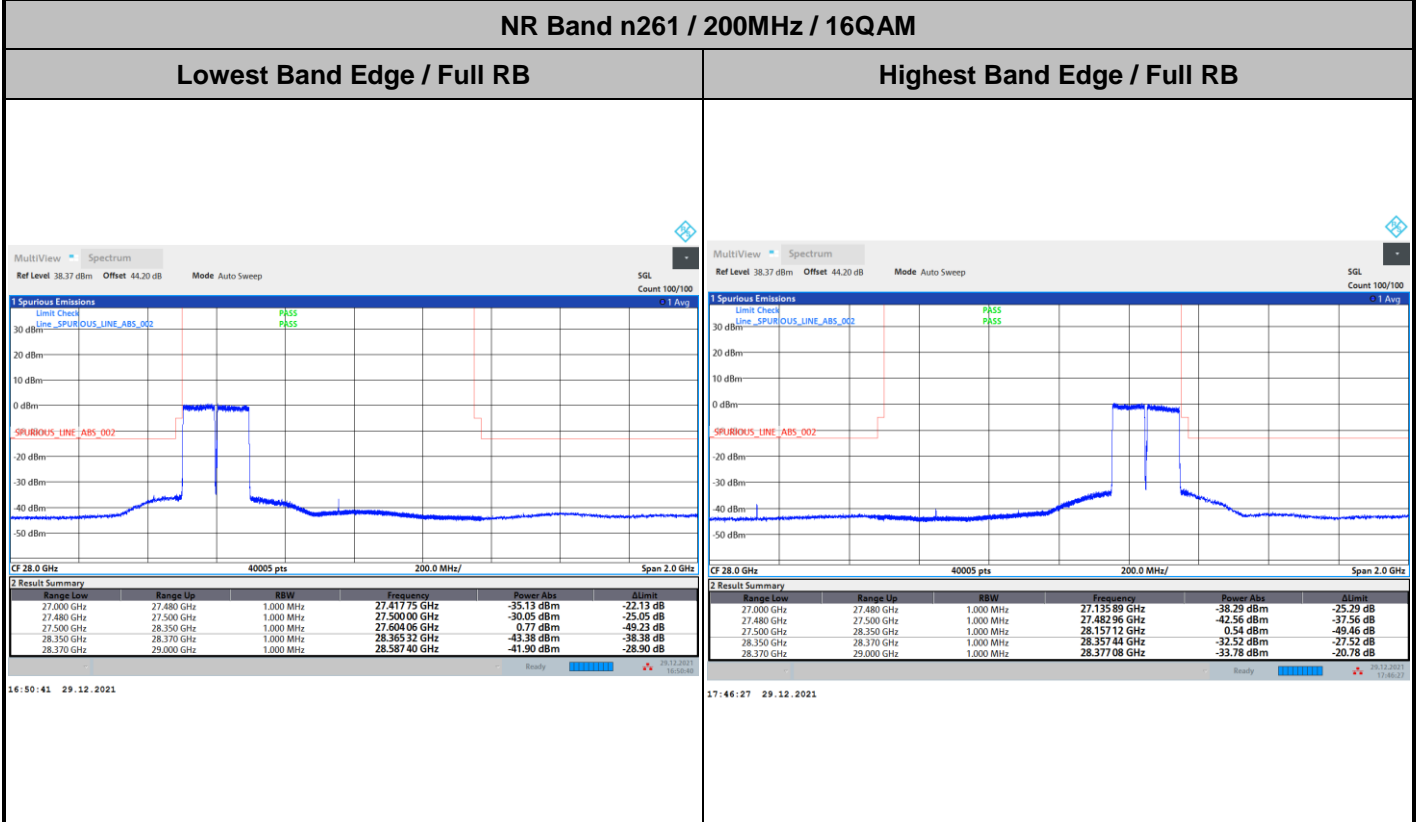
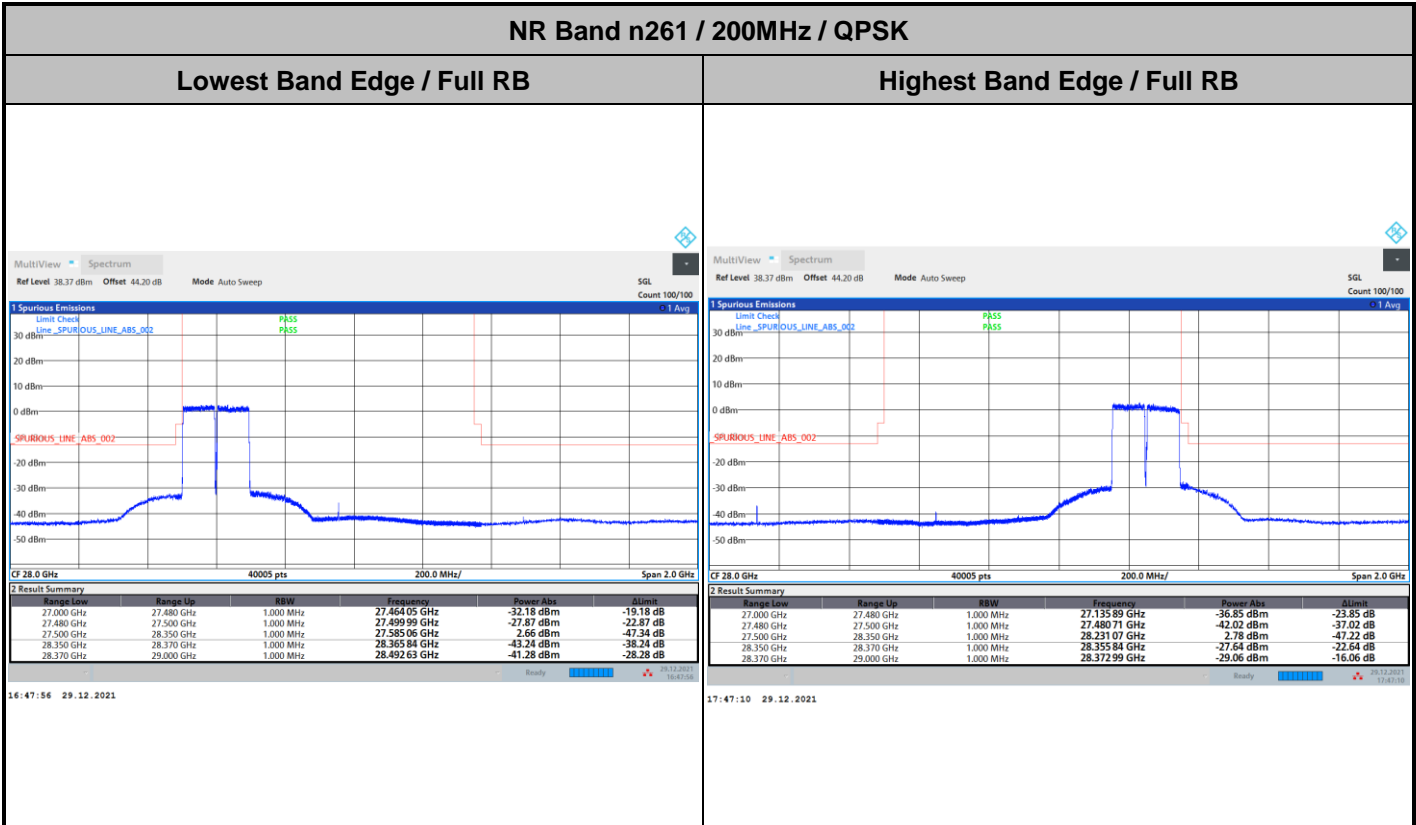




DFT-s-OFDM Module 1

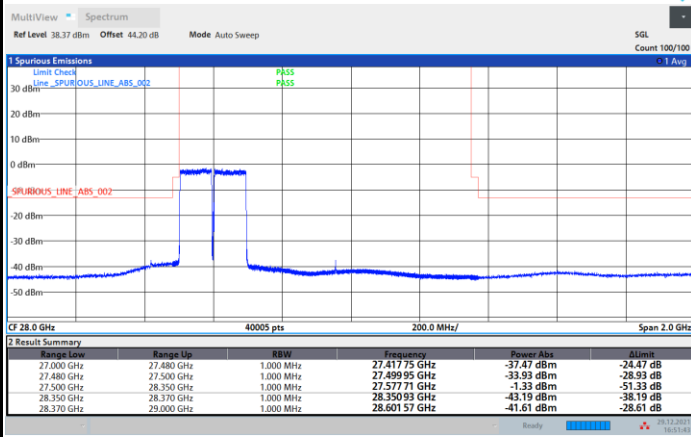




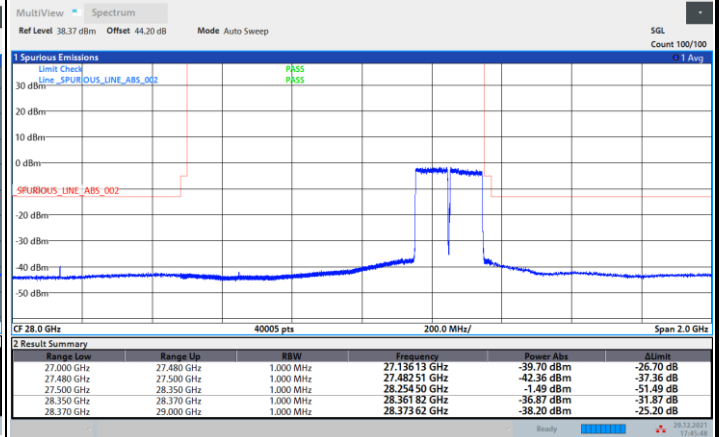
NR Band n261 / 200MHz / 64QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



16:51:44 29.12.2021



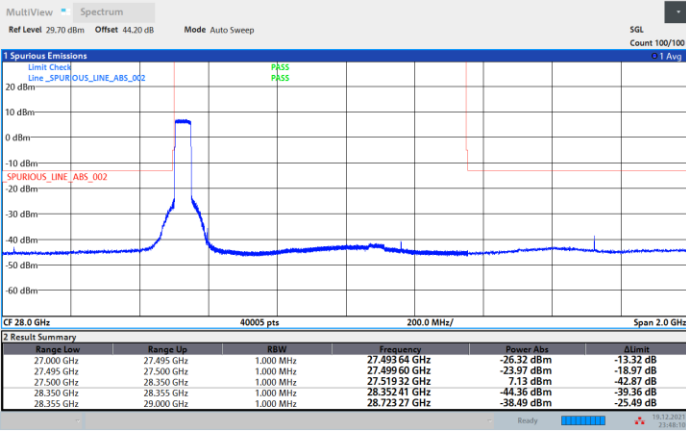
17:45:49 29.12.2021



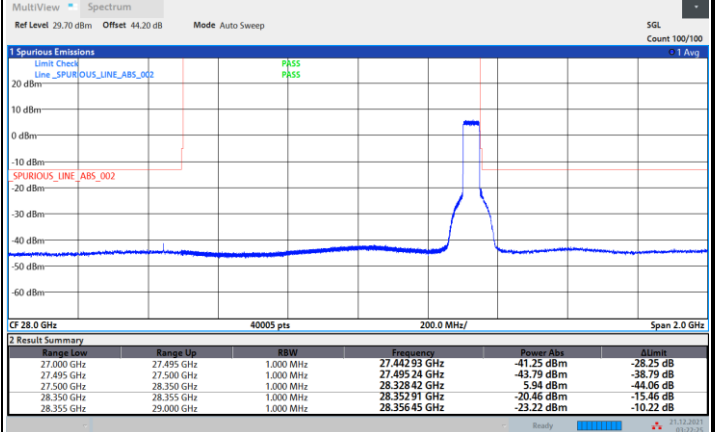
CP-OFDM Module 1

NR Band n261 / 50MHz / QPSK

Lowest Band Edge / Full RB

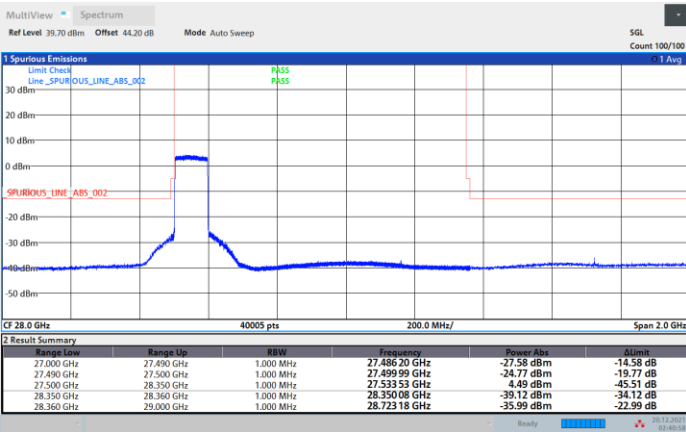


Highest Band Edge / Full RB

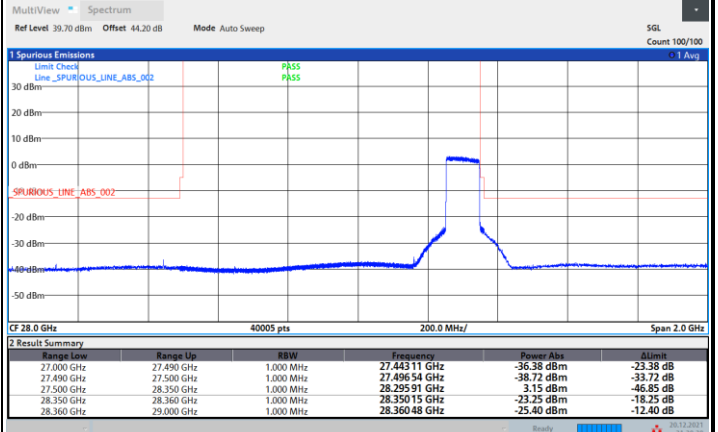


NR Band n261 / 100MHz / QPSK

Lowest Band Edge / Full RB

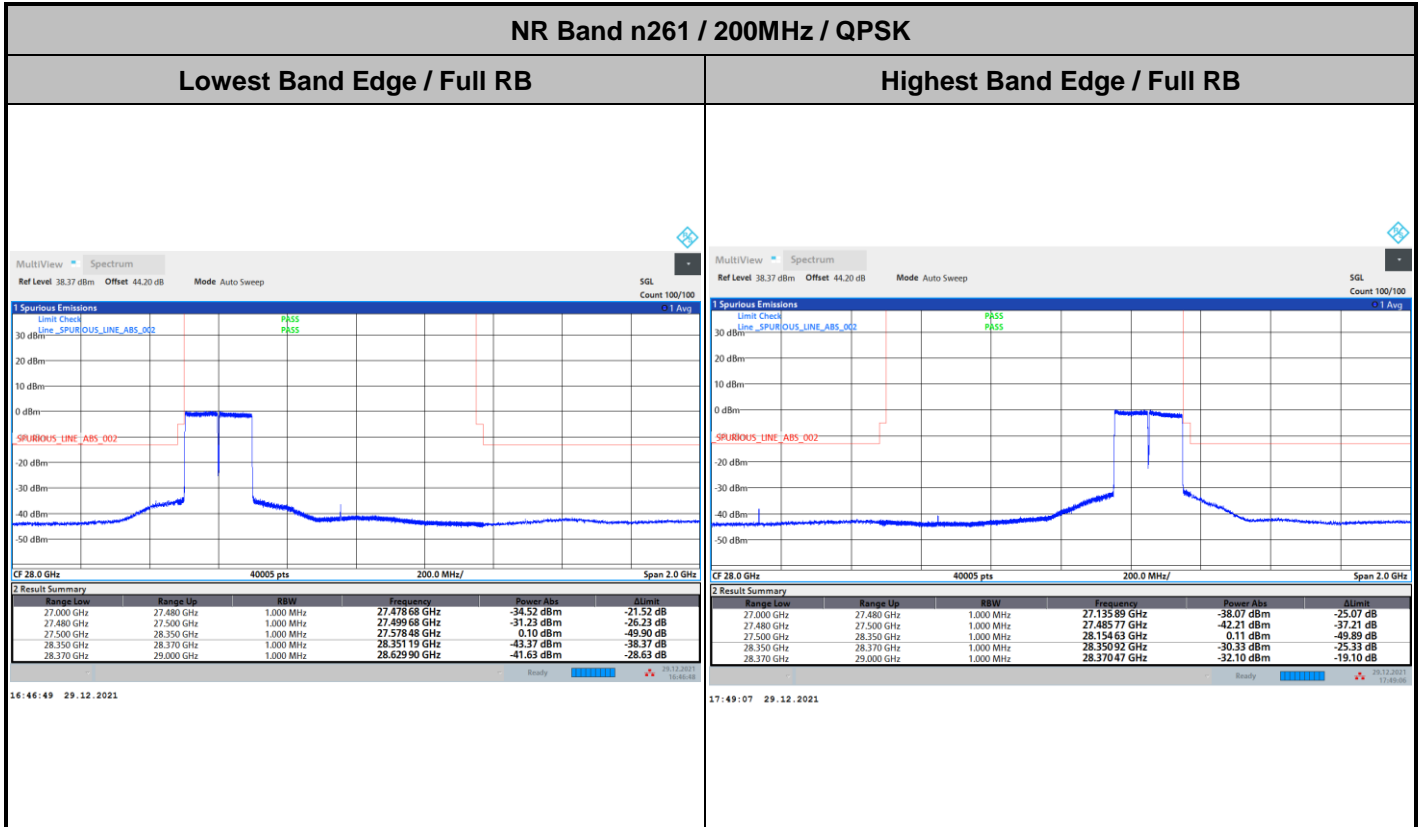


Highest Band Edge / Full RB





CP-OFDM Module 1

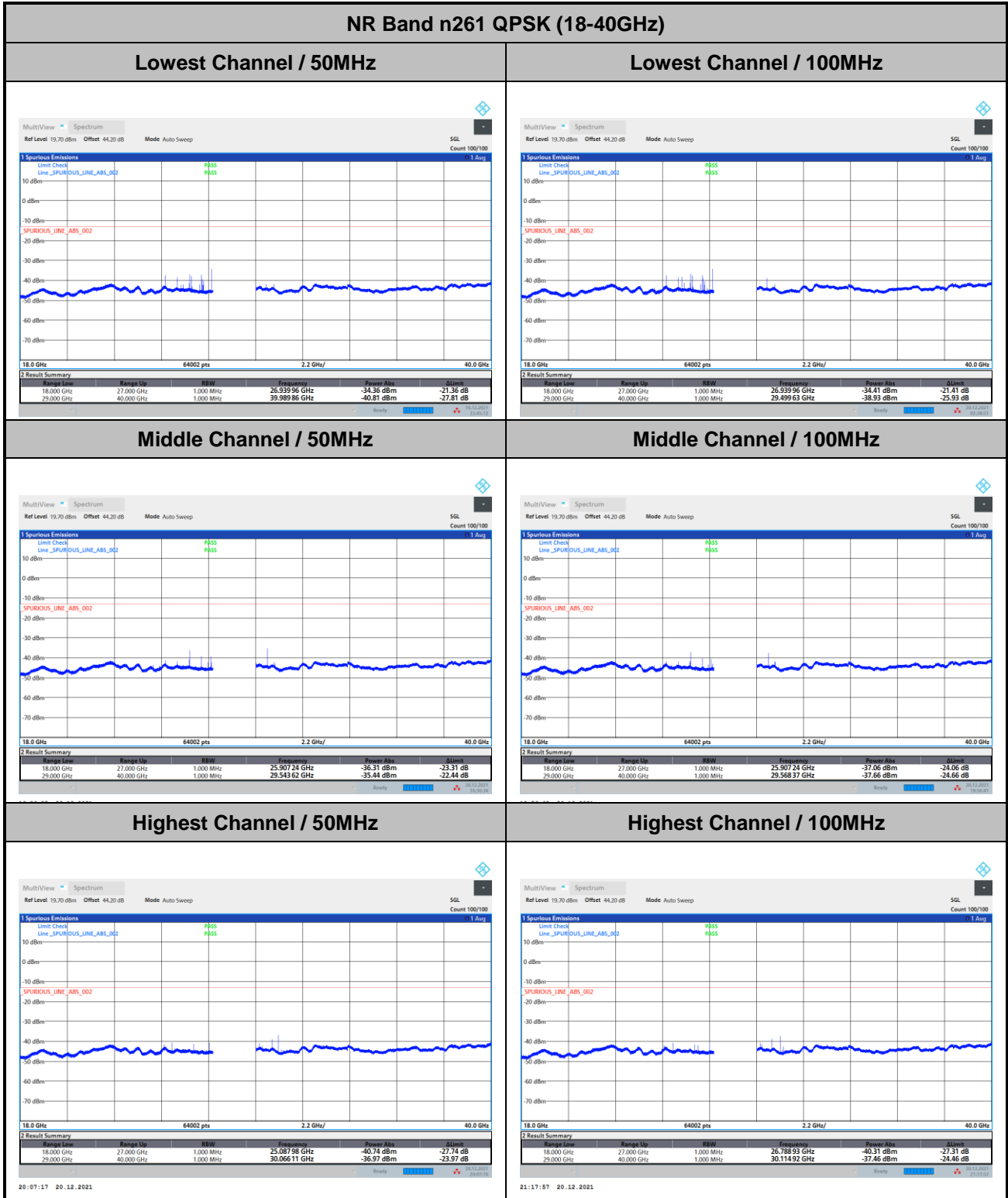




# Spurious Emission

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

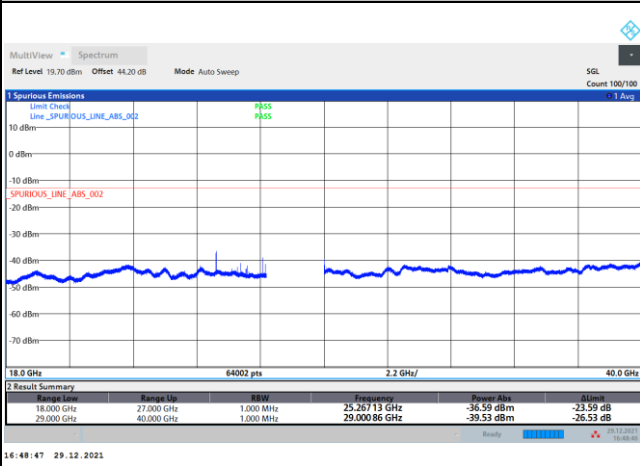
## DFT-s-OFDM Module 1



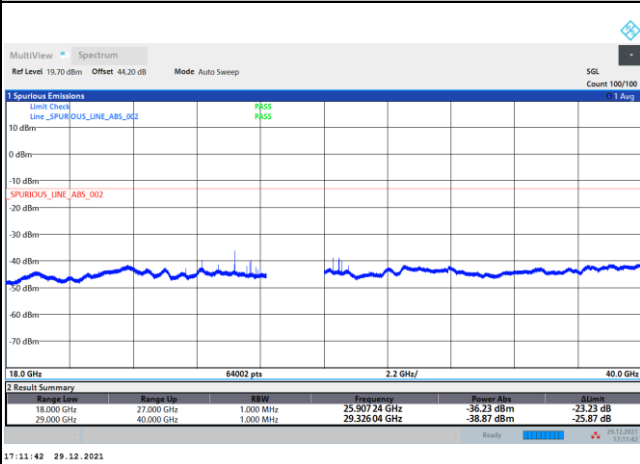


NR Band n261 QPSK (18-40GHz)

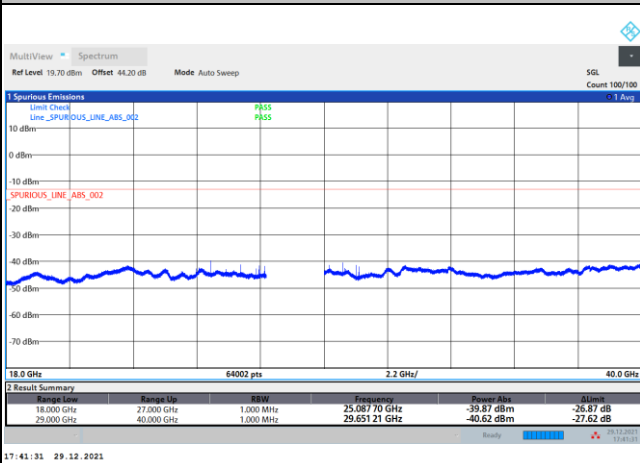
Lowest Channel / 200MHz



Middle Channel / 200MHz



Highest Channel / 200MHz



Remark: Above plots, the spurious emissions were measured from 18GHz to 27GHz and 29GHz to 40GHz. The test results within the omitted frequency 27GHz to 29GHz were measured and reported in the section of Radiated Out of Band Emission with frequency range, 27GHz to 29GHz, and all spurious comply with limits.



CP-OFDM Module 1

NR Band n261 QPSK (18-40GHz)

Lowest Channel / 50MHz



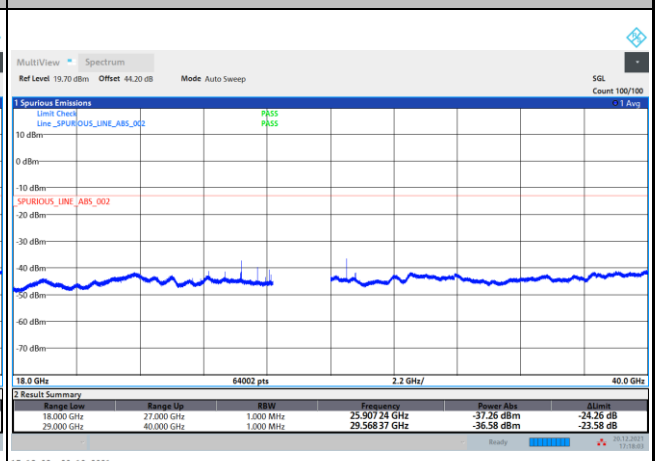
Lowest Channel / 100MHz



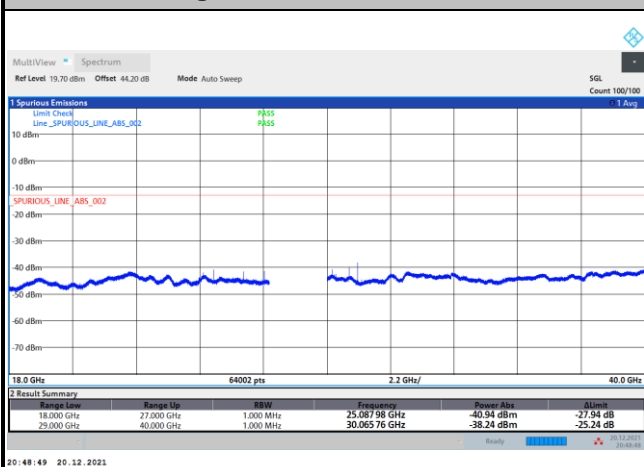
Middle Channel / 50MHz



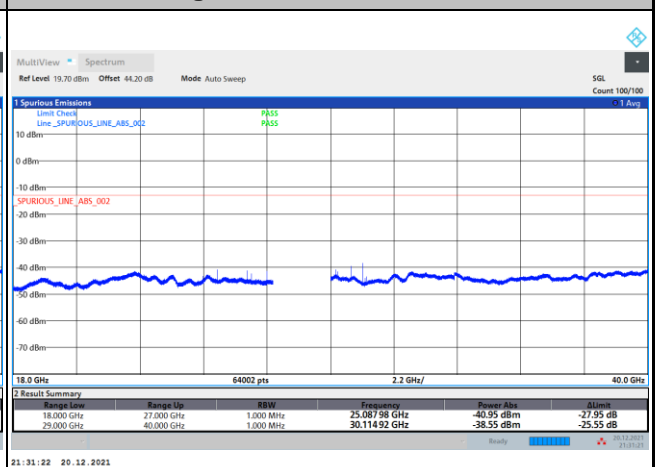
Middle Channel / 100MHz



Highest Channel / 50MHz



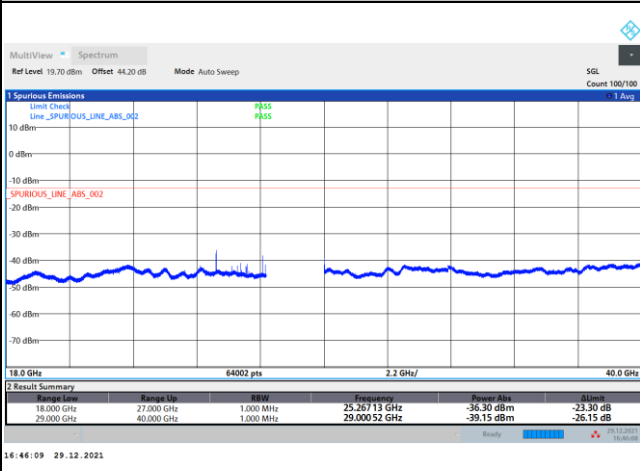
Highest Channel / 100MHz



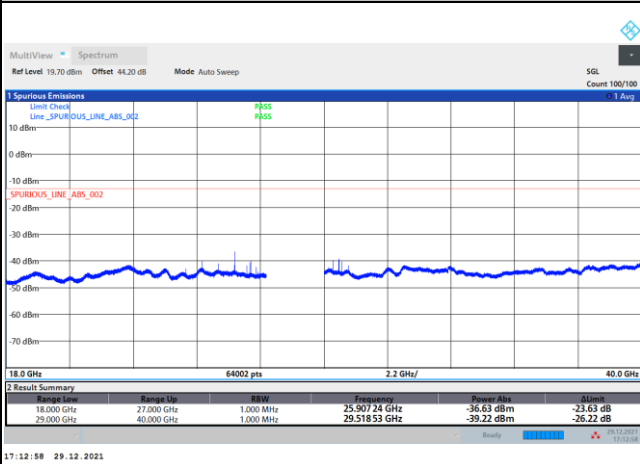


NR Band n261 QPSK (18-40GHz)

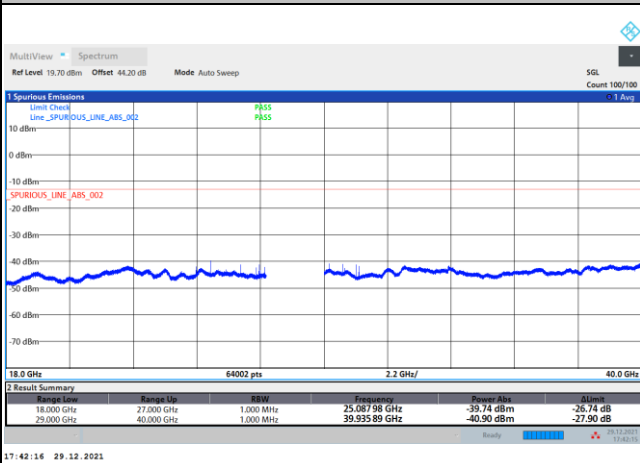
Lowest Channel / 200MHz



Middle Channel / 200MHz



Highest Channel / 200MHz



Remark: Above plots, the spurious emissions were measured from 18GHz to 27GHz and 29GHz to 40GHz. The test results within the omitted frequency 27GHz to 29GHz were measured and reported in the section of Radiated Out of Band Emission with frequency range, 27GHz to 29GHz, and all spurious comply with limits.





# NR Band n261 Module 1 AG1

## Occupied Bandwidth

Mode	DFT-s-OFDM Module 1 NR Band n261 : 99%OBW(MHz)					
BW	50MHz			100MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	45.76	45.77	45.91	91.51	91.29	91.04
Middle CH	45.86	46.07	45.73	91.61	91.43	91.37
Highest CH	45.96	45.83	45.77	91.54	91.39	91.42

Mode	DFT-s-OFDM Module 1 NR Band n261 : 99%OBW(MHz)					
BW	200MHz					
Mod.	QPSK	16QAM	64QAM			
Lowest CH	190.67	191.20	190.30			
Middle CH	190.60	190.21	189.54			
Highest CH	189.95	190.05	189.82			

Mode	CP-OFDM Module 1 NR Band n261 : 99%OBW(MHz)	
BW	50MHz	100MHz
Mod.	QPSK	QPSK
Lowest CH	45.91	94.28
Middle CH	46.04	94.34
Highest CH	46.01	94.27

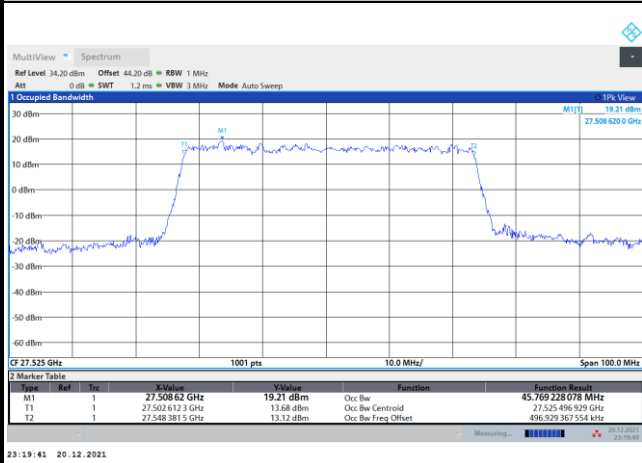
Mode	CP-OFDM Module 1 NR Band n261 : 99%OBW(MHz)	
BW	200MHz	
Mod.	QPSK	
Lowest CH	193.33	
Middle CH	192.56	
Highest CH	192.58	



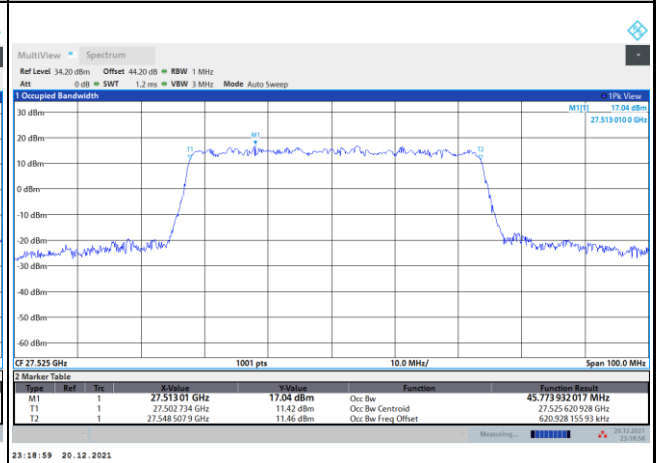
DFT-s-OFDM Module 1

NR Band n261

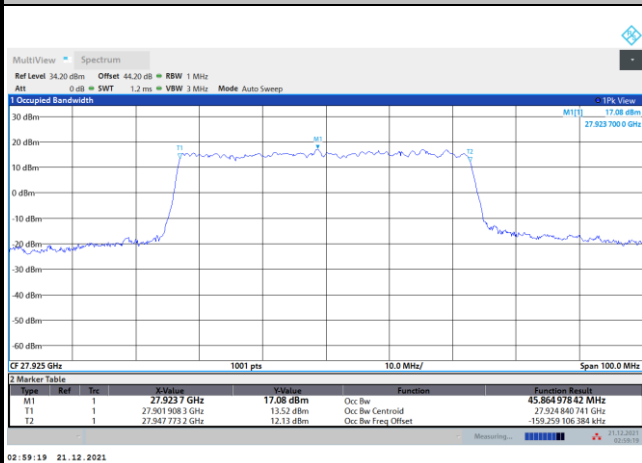
Lowest Channel / 50MHz / QPSK



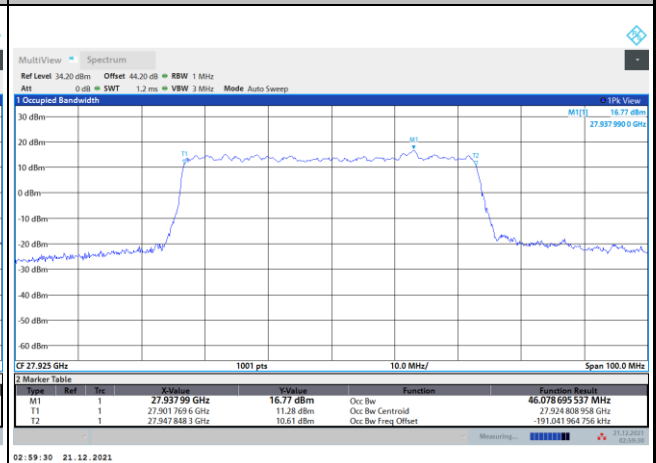
Lowest Channel / 50MHz / 16QAM



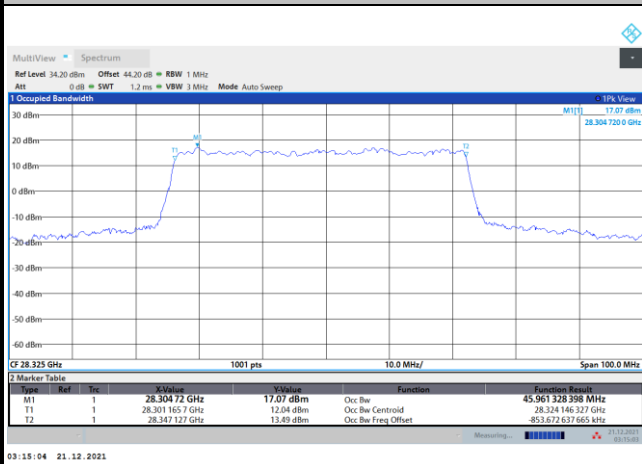
Middle Channel / 50MHz / QPSK



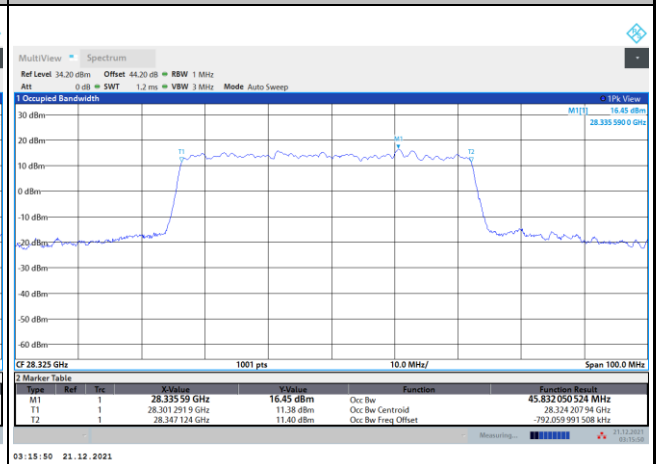
Middle Channel / 50MHz / 16QAM



Highest Channel / 50MHz / QPSK



Highest Channel / 50MHz / 16QAM

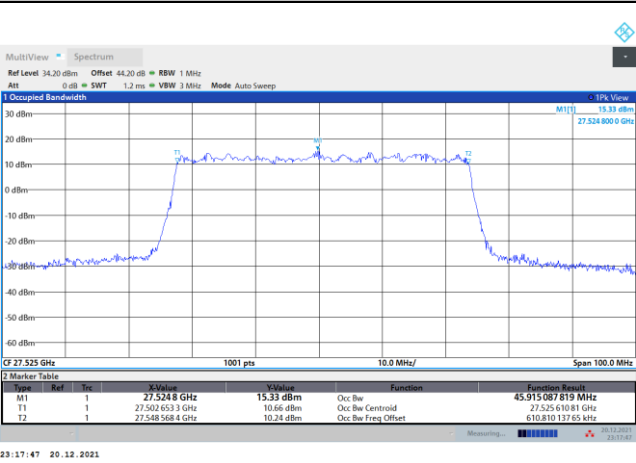




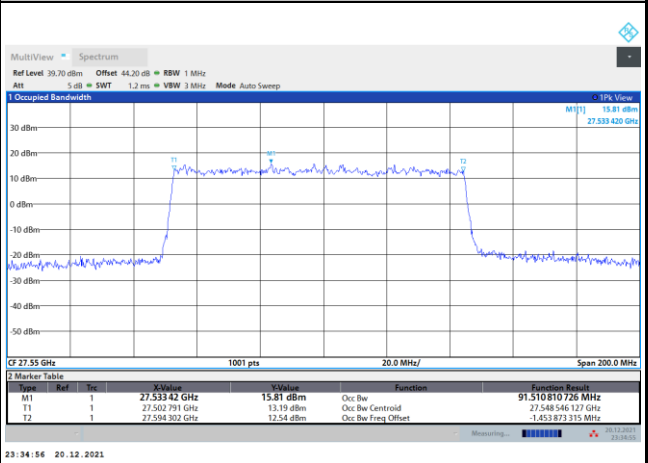
DFT-s-OFDM Module 1

NR Band n261

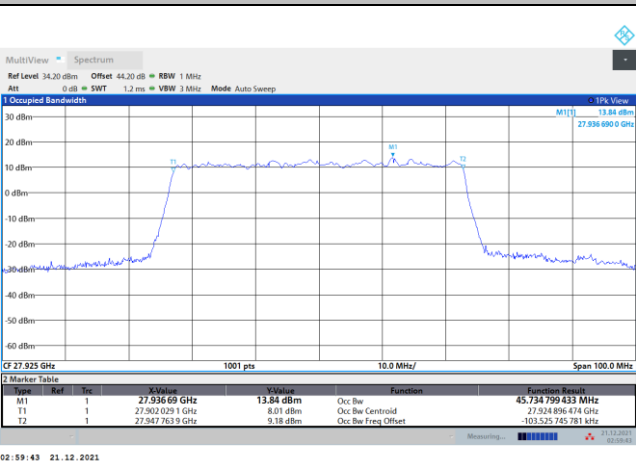
Lowest Channel / 50MHz / 64QAM



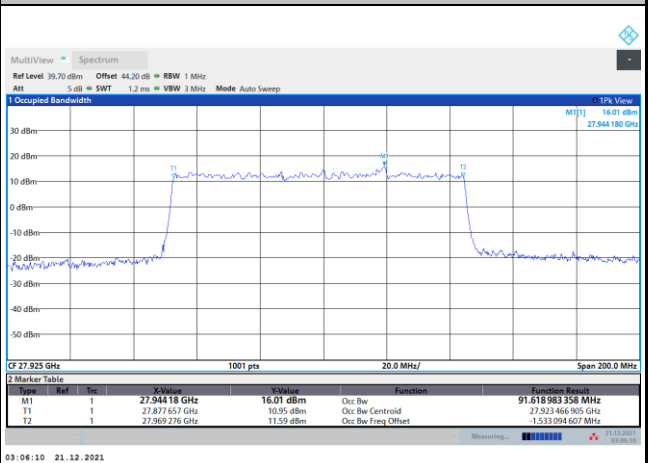
Lowest Channel / 100MHz / QPSK



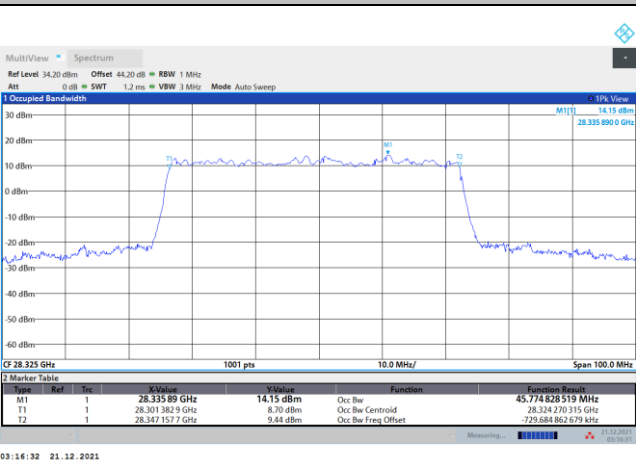
Middle Channel / 50MHz / 64QAM



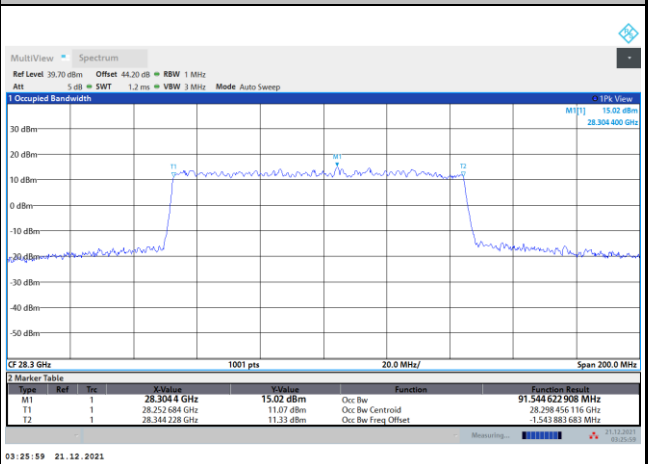
Middle Channel / 100MHz / QPSK



Highest Channel / 50MHz / 64QAM



Highest Channel / 100MHz / QPSK

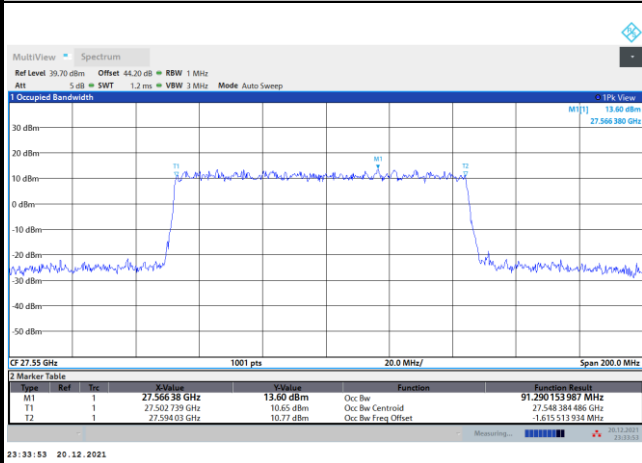




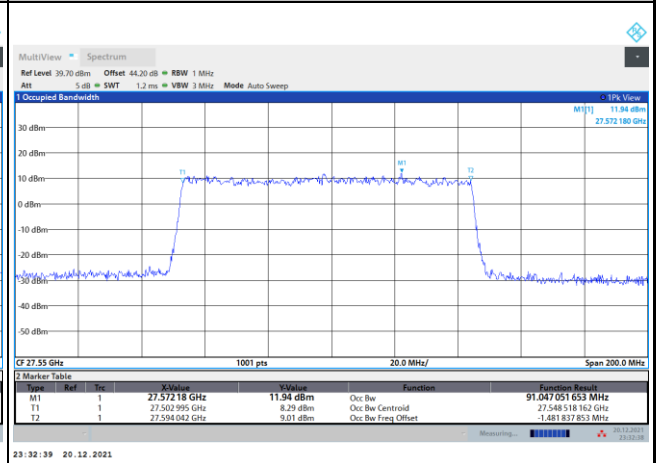
DFT-s-OFDM Module 1

NR Band n261

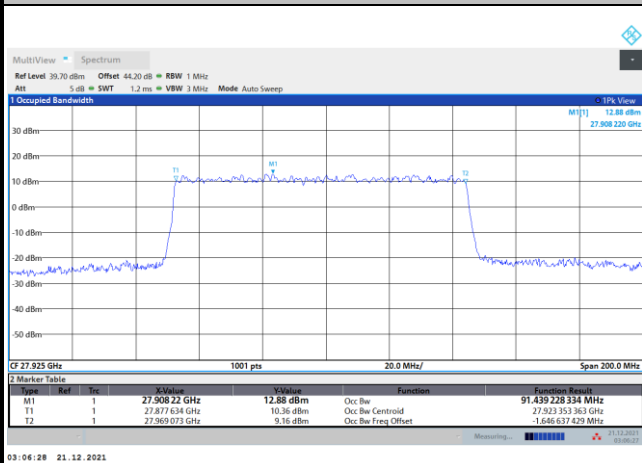
Lowest Channel / 100MHz / 16QAM



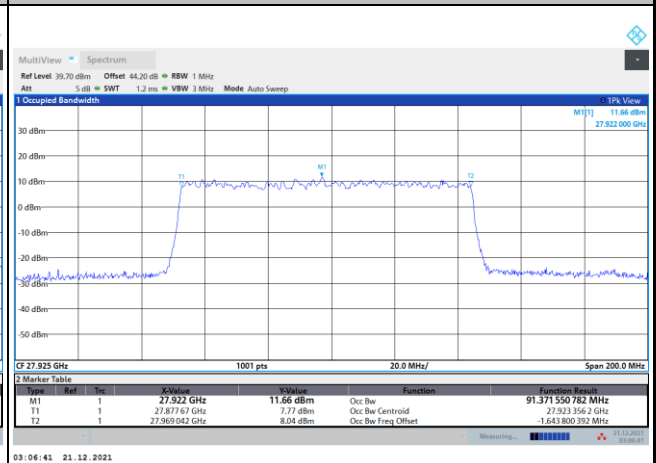
Lowest Channel / 100MHz / 64QAM



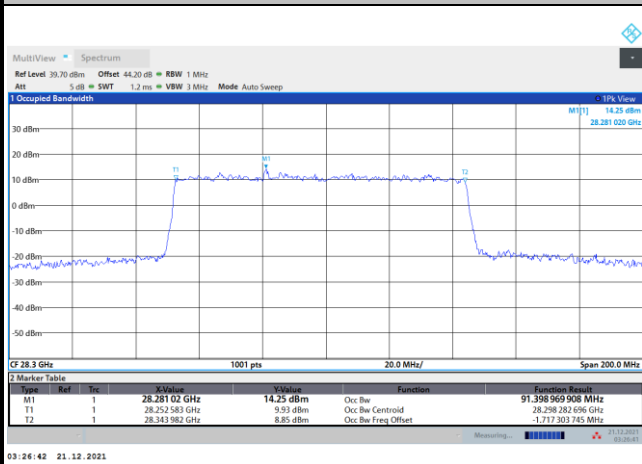
Middle Channel / 100MHz / 16QAM



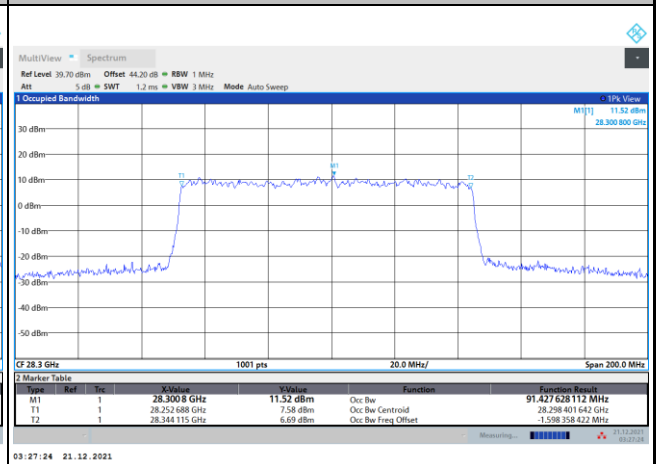
Middle Channel / 100MHz / 64QAM



Highest Channel / 100MHz / 16QAM



Highest Channel / 100MHz / 64QAM

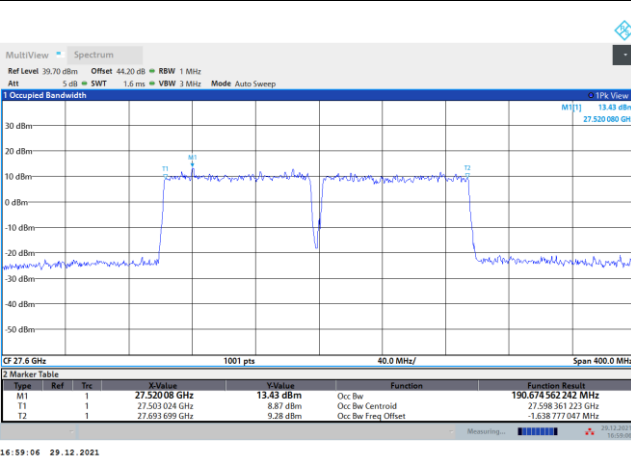




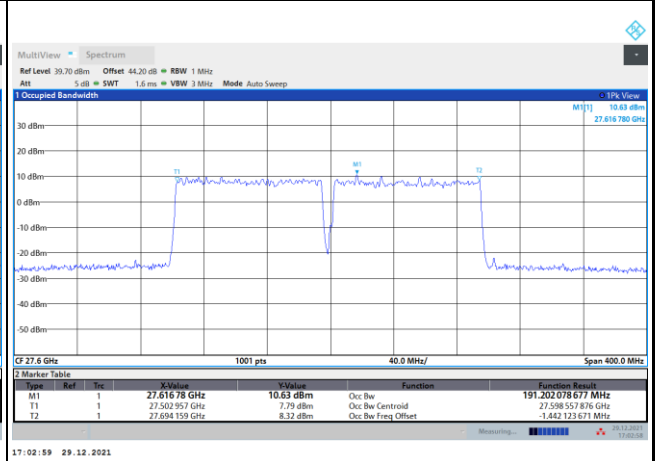
DFT-s-OFDM Module 1

NR Band n261

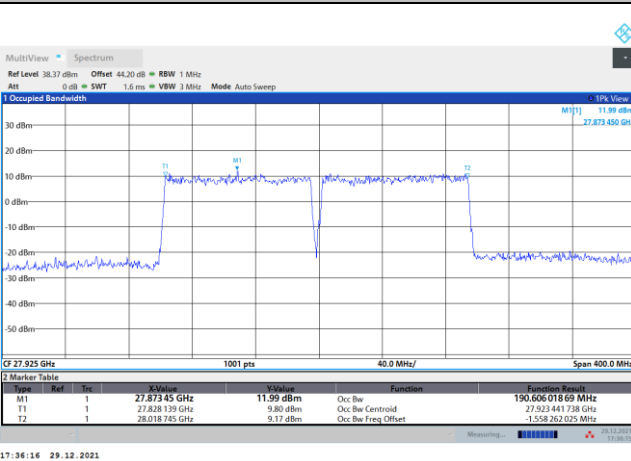
Lowest Channel / 200MHz / QPSK



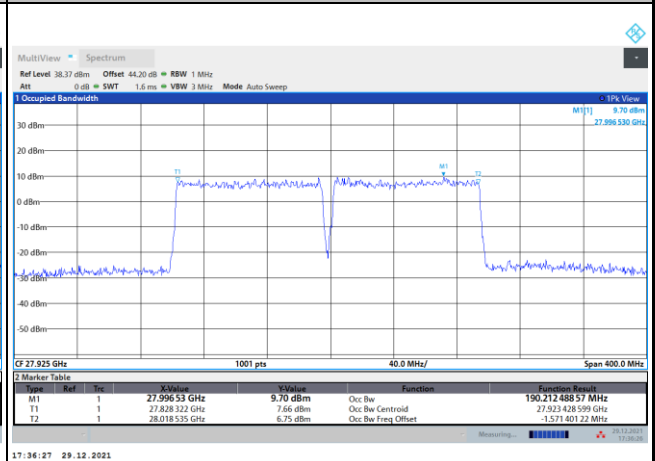
Lowest Channel / 200MHz / 16QAM



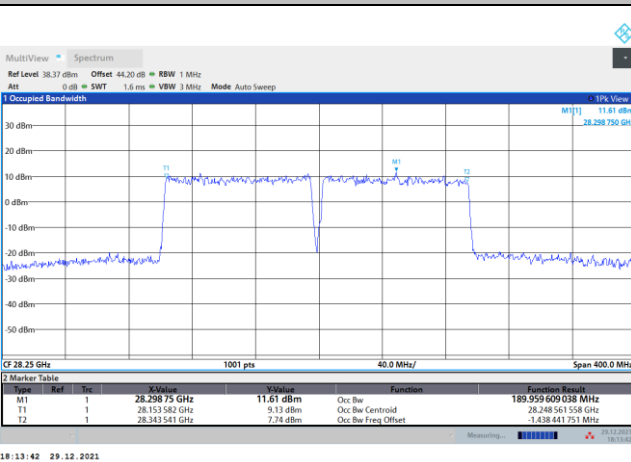
Middle Channel / 200MHz / QPSK



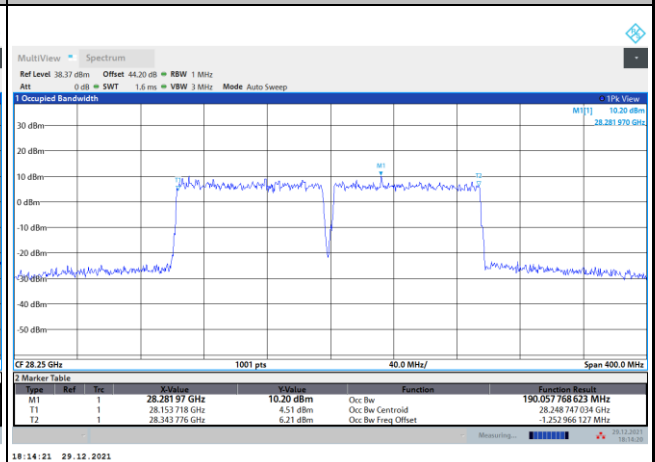
Middle Channel / 200MHz / 16QAM



Highest Channel / 200MHz / QPSK



Highest Channel / 200MHz / 16QAM

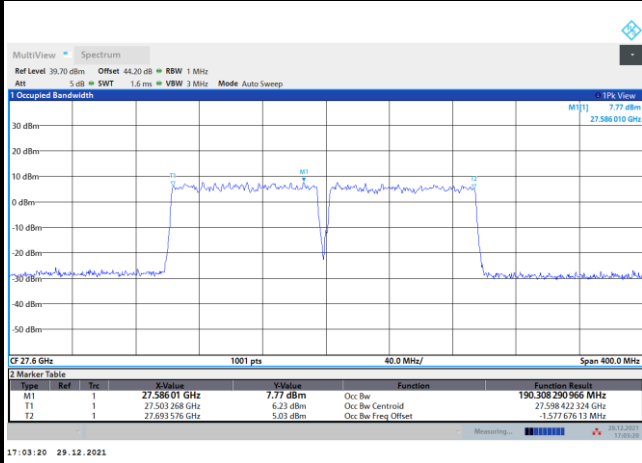




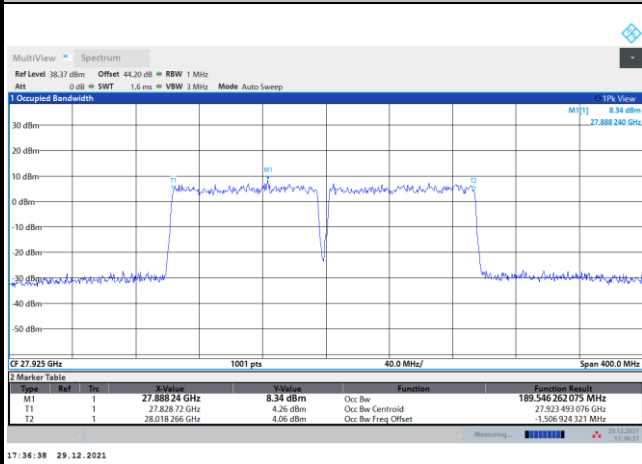
DFT-s-OFDM Module 1

NR Band n261

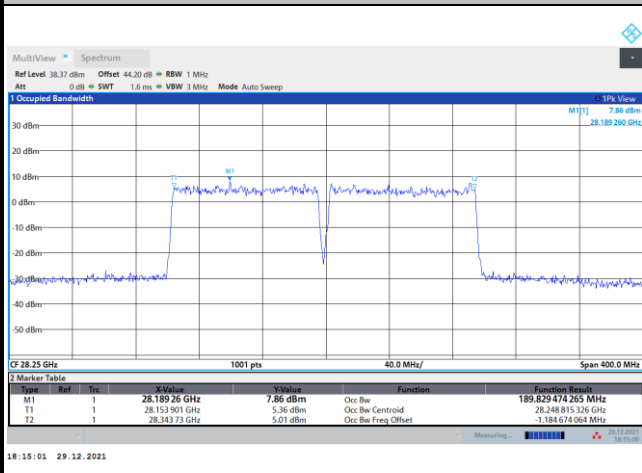
Lowest Channel / 200MHz / 64QAM



Middle Channel / 200MHz / 64QAM



Highest Channel / 200MHz / 64QAM

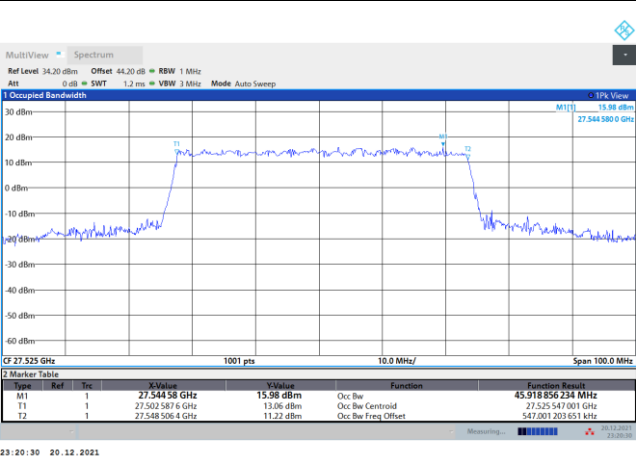




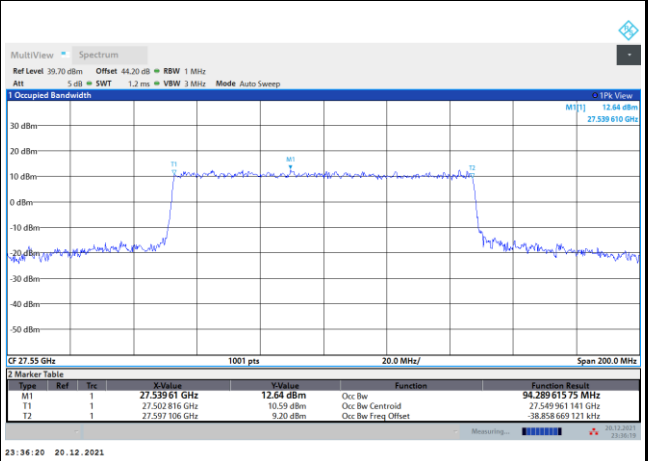
CP-OFDM Module 1

NR Band n261

Lowest Channel / 50MHz / QPSK



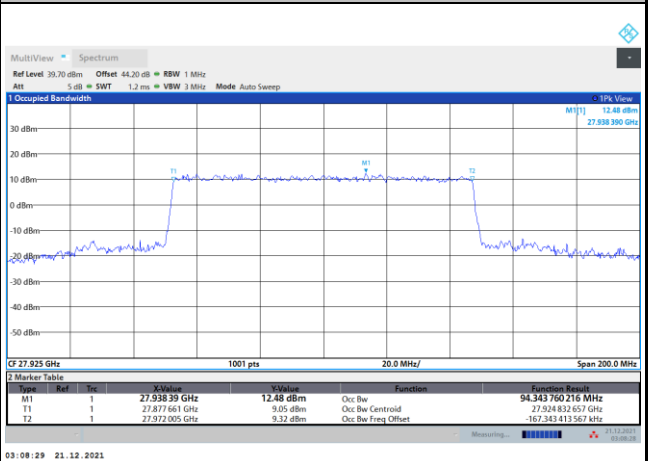
Lowest Channel / 100MHz / QPSK



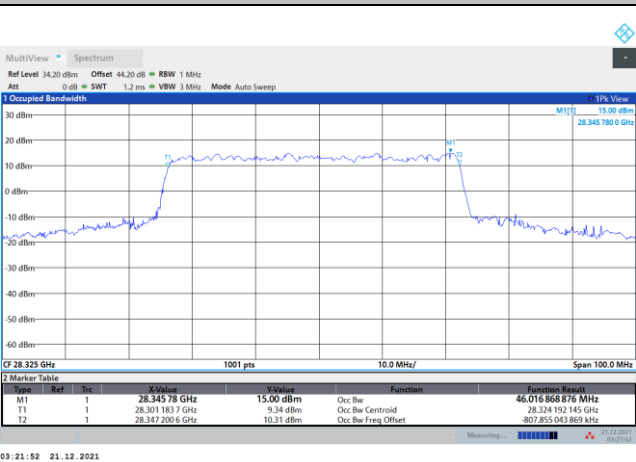
Middle Channel / 50MHz / QPSK



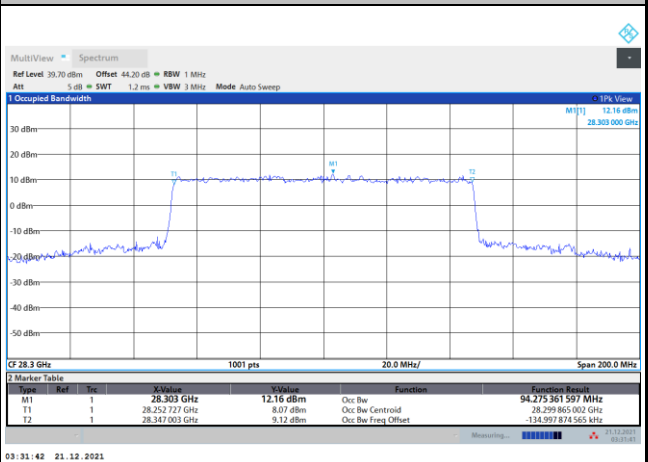
Middle Channel / 100MHz / QPSK



Highest Channel / 50MHz / QPSK



Highest Channel / 100MHz / QPSK

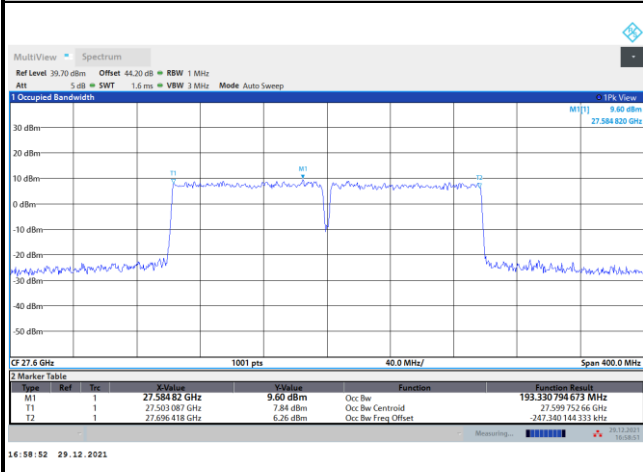




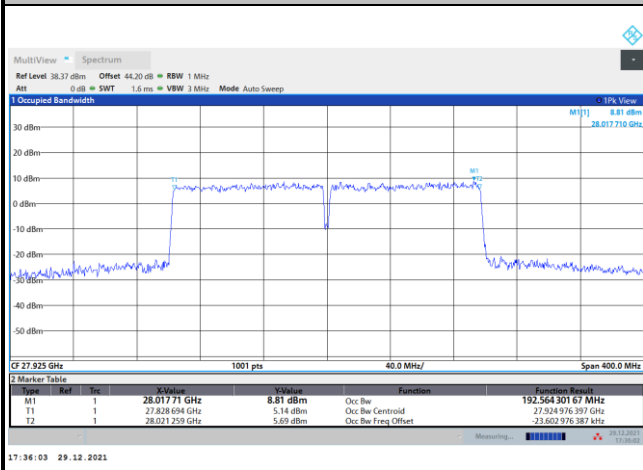
CP-OFDM Module 1

NR Band n261

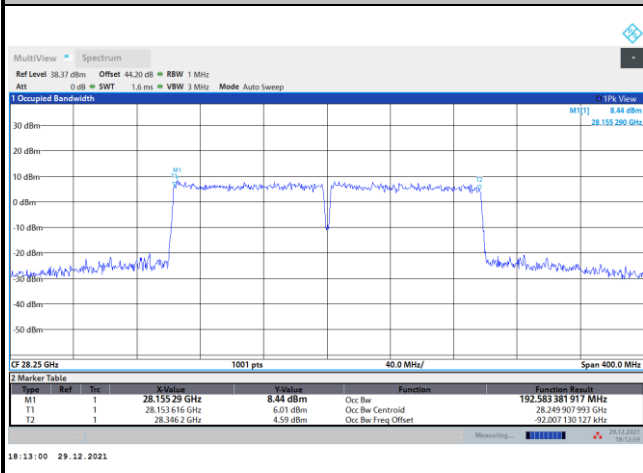
Lowest Channel / 200MHz / QPSK



Middle Channel / 200MHz / QPSK



Highest Channel / 200MHz / QPSK







**Radiated Out of Band Emissions**

Mode			DFT-s-OFDM Module 1 NR Band n261 : BE (dBm) 1 RB					
BW			50MHz			100MHz		
Limit (dBm)			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Low CH	0~10%OB	≤-5	-15.66	-17.04	-19.27	-10.61	-13.08	-15.16
	>10%OB	≤-13	-29.82	-31.45	-33.17	-34.51	-35.84	-36.52
High CH	0~10%OB	≤-5	-18.91	-20.80	-21.40	-13.26	-15.55	-16.78
	>10%OB	≤-13	-29.17	-29.97	-32.35	-34.33	-35.53	-36.41
Result			Compliance					
Mode			DFT-s-OFDM Module 1 NR Band n261 : BE (dBm) 1 RB					
BW			200MHz					
Limit (dBm)			QPSK	16QAM	64QAM			
Low CH	0~10%OB	≤-5	-17.50	-18.22	-19.96			
	>10%OB	≤-13	-21.58	-22.53	-23.37			
High CH	0~10%OB	≤-5	-21.78	-21.36	-21.67			
	>10%OB	≤-13	-22.58	-22.37	-24.25			
Result			Compliance					

Mode			CP-OFDM Module 1 NR Band n261 : BE (dBm) 1 RB					
BW			50MHz			100MHz		
Limit (dBm)			QPSK			QPSK		
Low CH	0~10%OB	≤-5	-17.50			-14.85		
	>10%OB	≤-13	-31.27			-34.91		
High CH	0~10%OB	≤-5	-19.13			-16.43		
	>10%OB	≤-13	-30.93			-35.37		
Result			Compliance					
Mode			CP-OFDM Module 1 NR Band n261 : BE (dBm) 1 RB					
BW			200MHz					
Limit (dBm)			QPSK					
Low CH	0~10%OB	≤-5	-19.28					
	>10%OB	≤-13	-21.31					
High CH	0~10%OB	≤-5	-22.43					
	>10%OB	≤-13	-20.25					
Result			Compliance					

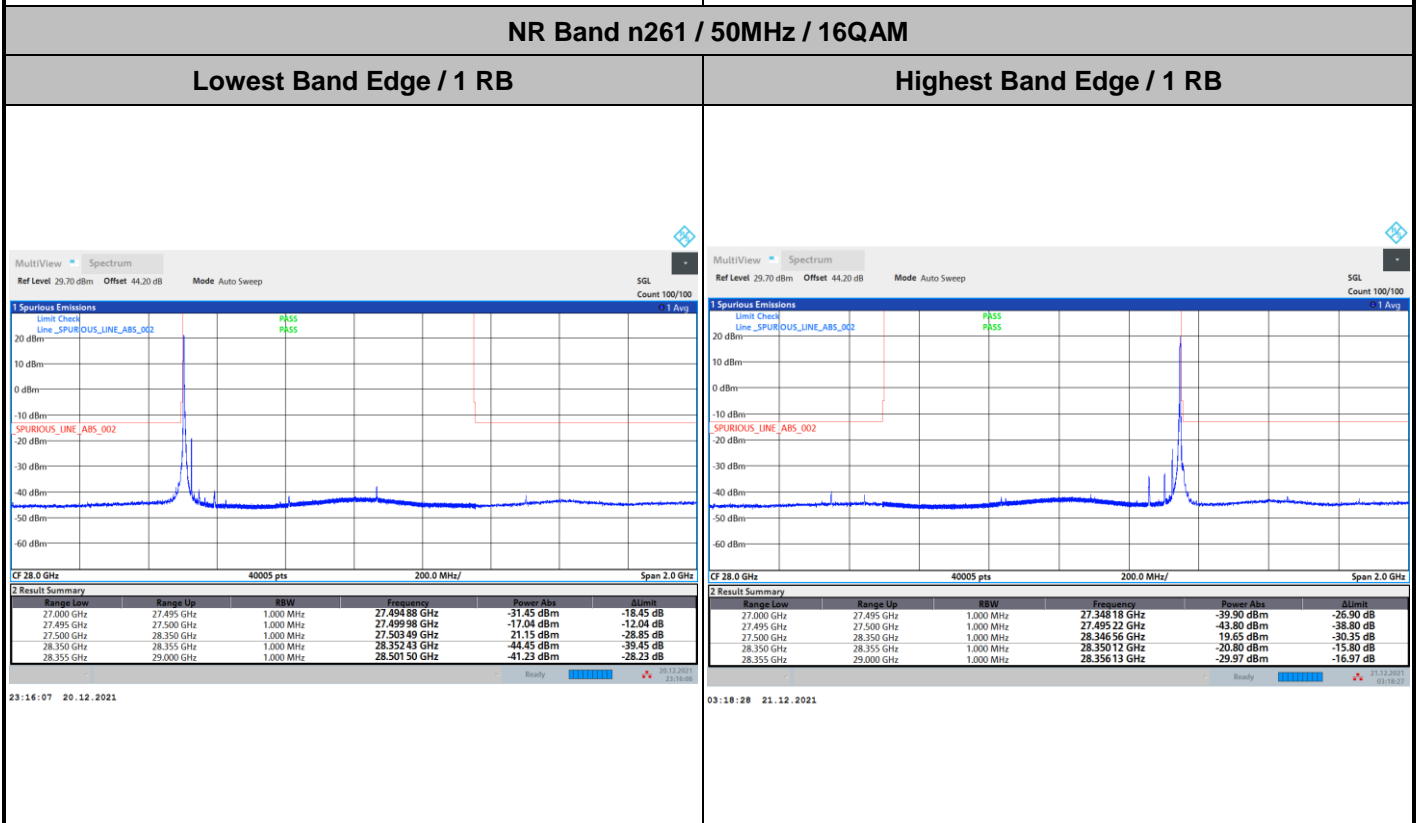
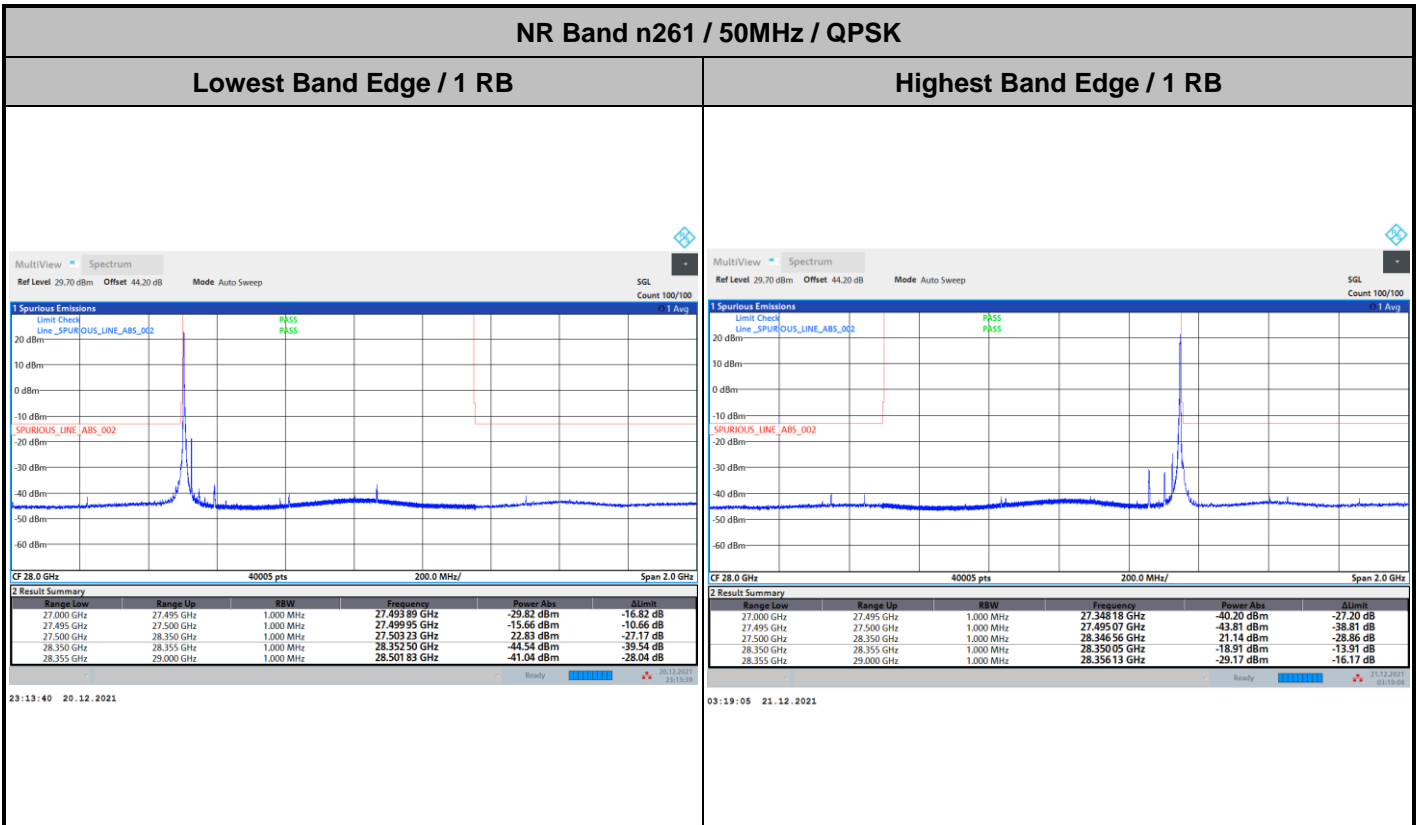


Mode			DFT-s-OFDM Module 1 NR Band n261 : BE (dBm) Full RB					
BW			50MHz			100MHz		
Limit (dBm)			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Low CH	0~10%OB	≤-5	-25.30	-27.89	-31.00	-26.23	-28.18	-30.36
	>10%OB	≤-13	-28.81	-31.52	-34.91	-30.25	-32.13	-34.70
High CH	0~10%OB	≤-5	-20.33	-23.96	-29.02	-23.17	-26.93	-31.45
	>10%OB	≤-13	-21.85	-25.40	-31.15	-25.02	-28.02	-32.80
Result			Compliance					
Mode			DFT-s-OFDM Module 1 NR Band n261 : BE (dBm) Full RB					
BW			200MHz					
Limit (dBm)			QPSK	16QAM	64QAM			
Low CH	0~10%OB	≤-5	-27.89	-30.78	-34.34			
	>10%OB	≤-13	-32.37	-35.01	-37.33			
High CH	0~10%OB	≤-5	-28.03	-32.12	-36.55			
	>10%OB	≤-13	-29.34	-33.53	-37.86			
Result			Compliance					

Mode			CP-OFDM Module 1 NR Band n261 : BE (dBm) Full RB					
BW			50MHz			100MHz		
Limit (dBm)			QPSK			QPSK		
Low CH	0~10%OB	≤-5	-25.03			-25.35		
	>10%OB	≤-13	-26.88			-27.88		
High CH	0~10%OB	≤-5	-20.46			-23.75		
	>10%OB	≤-13	-23.22			-25.11		
Result			Compliance					
Mode			CP-OFDM Module 1 NR Band n261 : BE (dBm) Full RB					
BW			200MHz					
Limit (dBm)			QPSK					
Low CH	0~10%OB	≤-5	-31.23					
	>10%OB	≤-13	-34.75					
High CH	0~10%OB	≤-5	-30.52					
	>10%OB	≤-13	-32.43					
Result			Compliance					

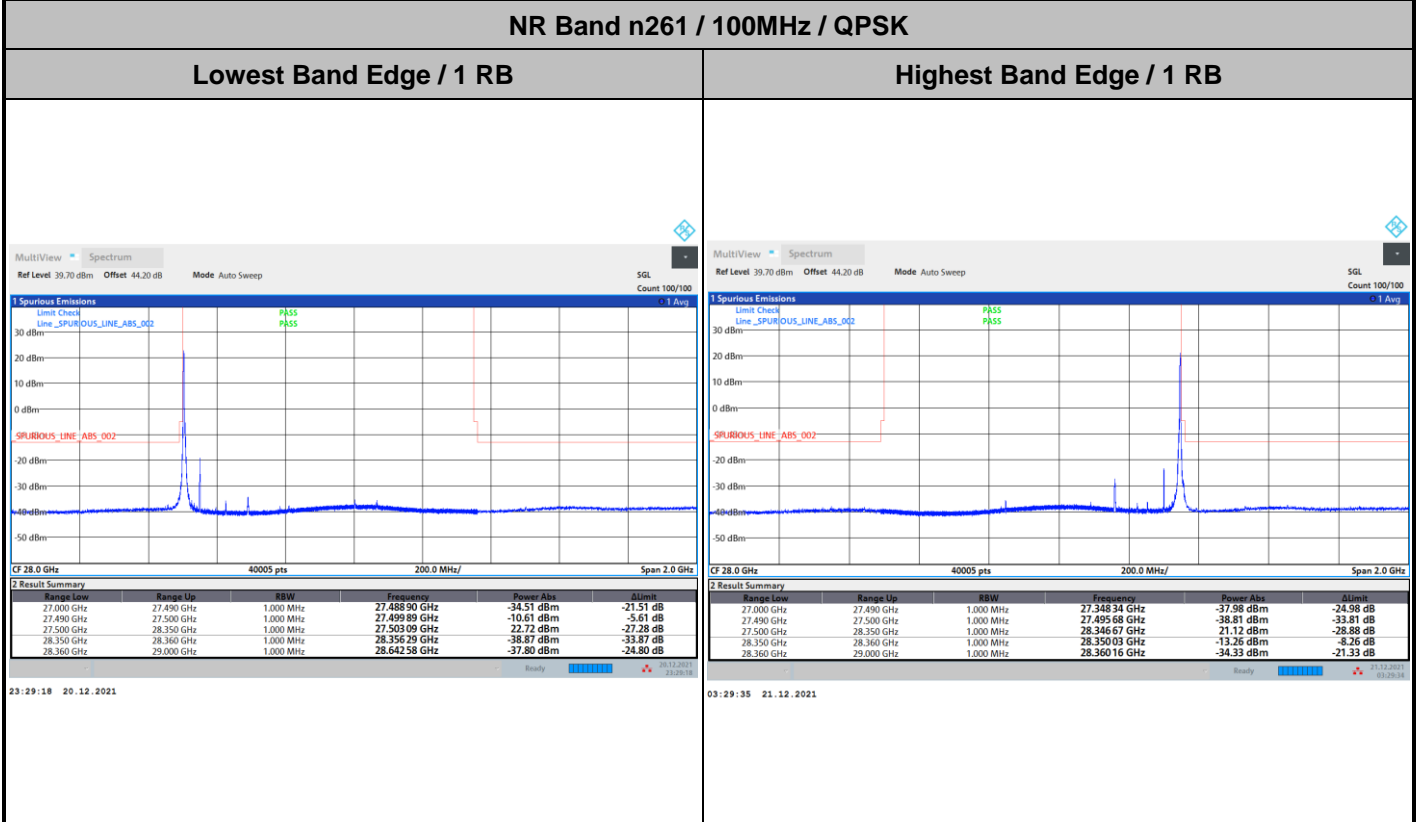
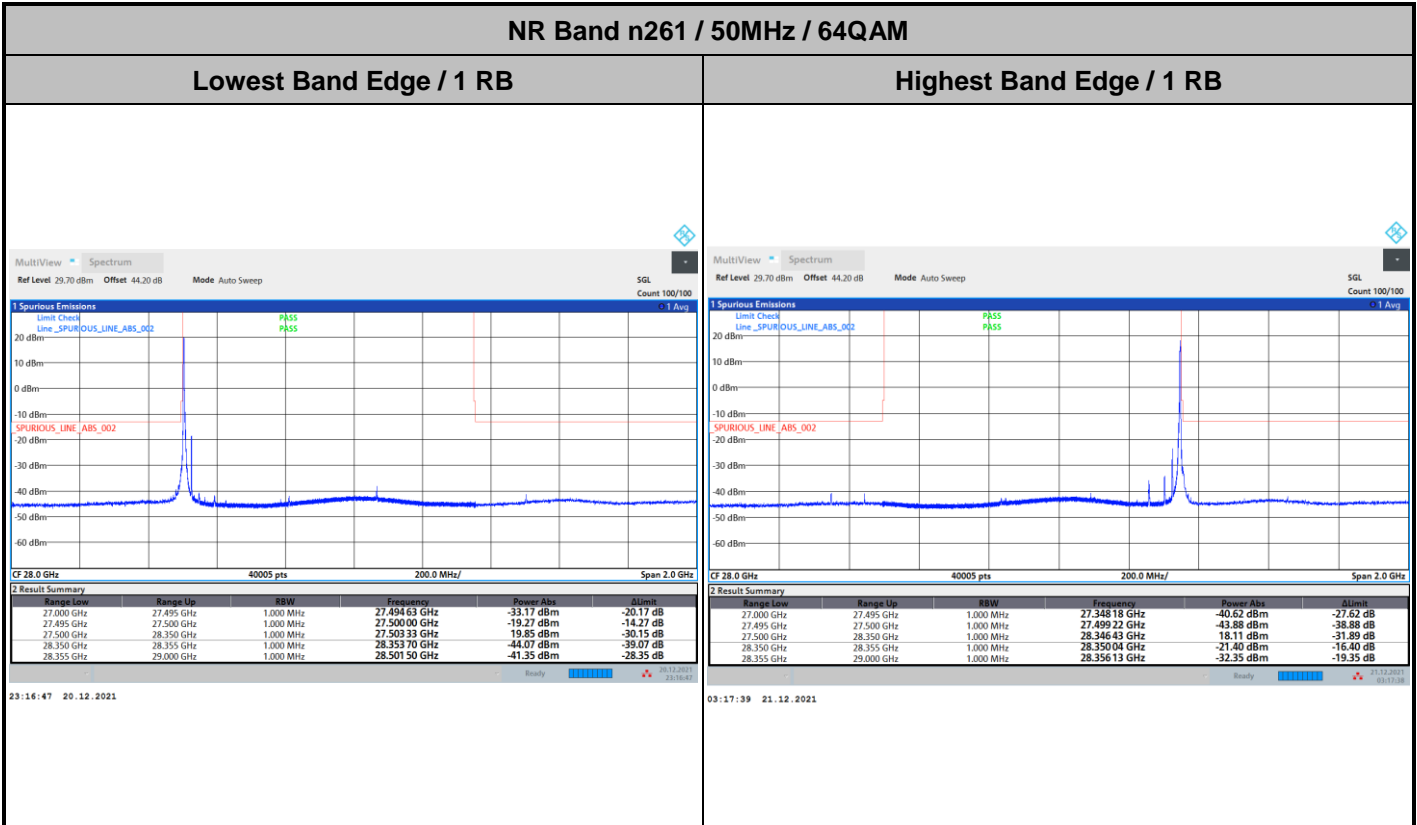


DFT-s-OFDM Module 1





DFT-s-OFDM Module 1

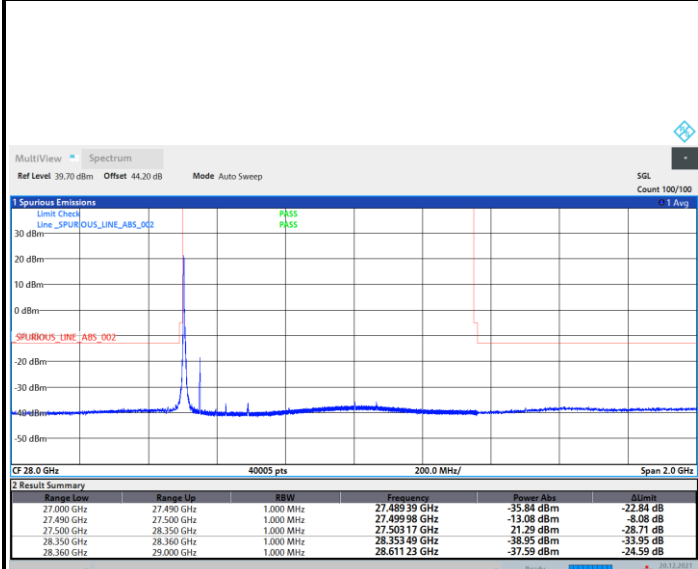




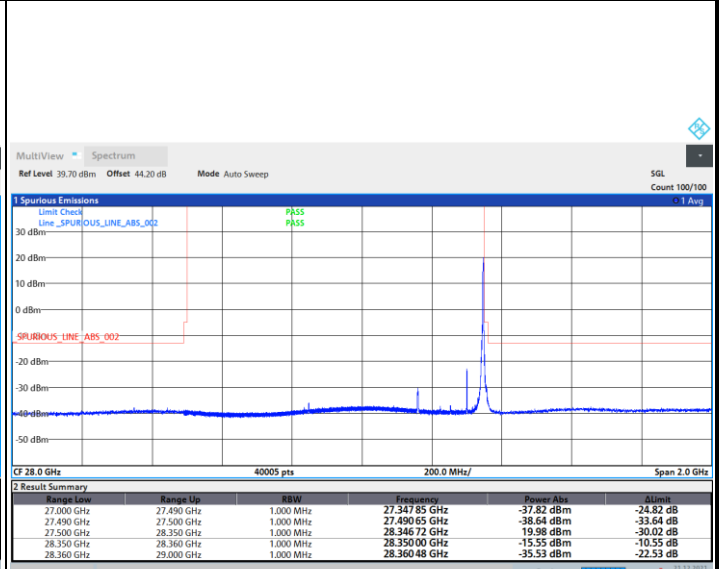
DFT-s-OFDM Module 1

NR Band n261 / 100MHz / 16QAM

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB

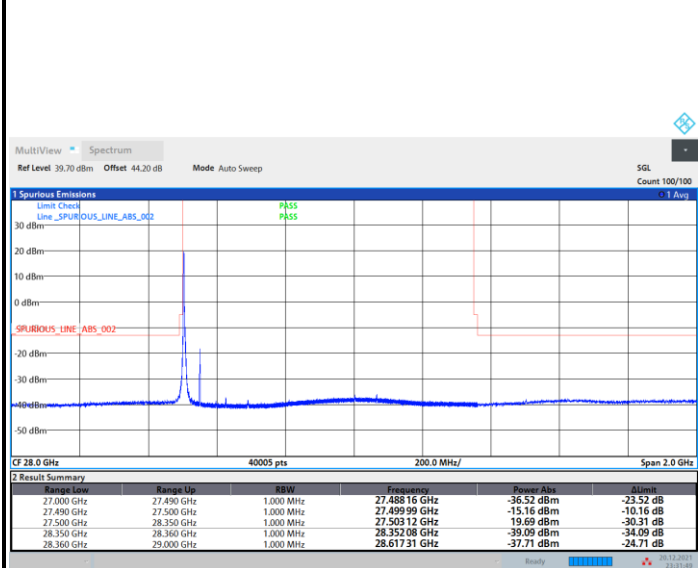


23:31:13 20.12.2021

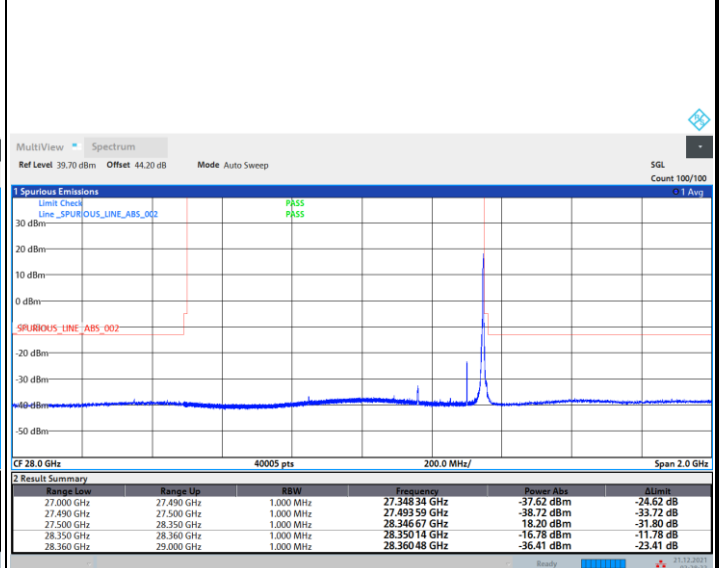
03:29:04 21.12.2021

NR Band n261 / 100MHz / 64QAM

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



23:31:50 20.12.2021

03:28:34 21.12.2021

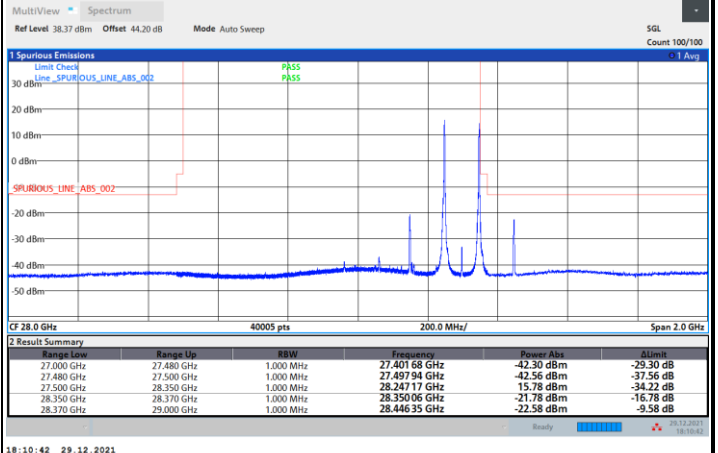
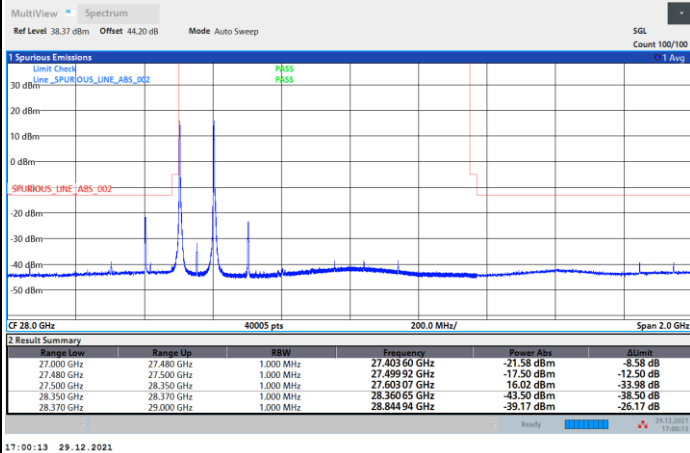


DFT-s-OFDM Module 1

NR Band n261 / 200MHz / QPSK

Lowest Band Edge / 1 RB

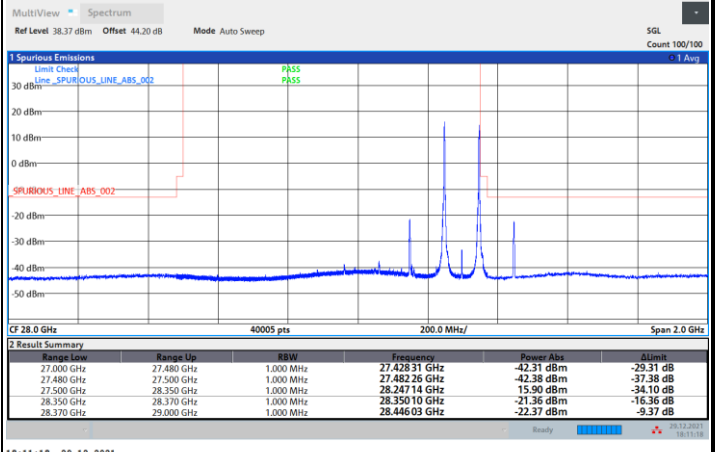
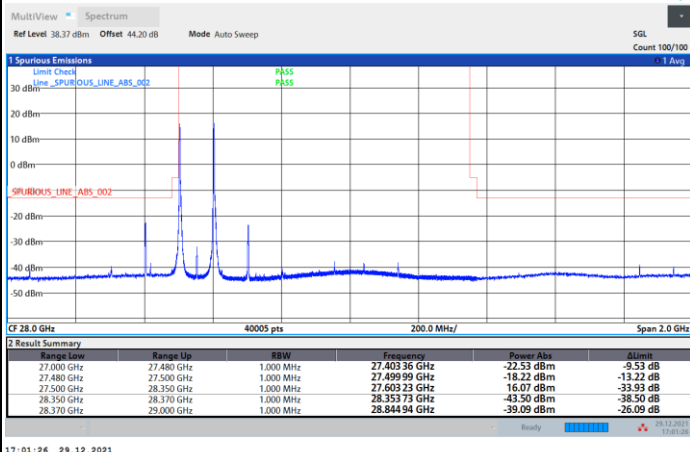
Highest Band Edge / 1 RB



NR Band n261 / 200MHz / 16QAM

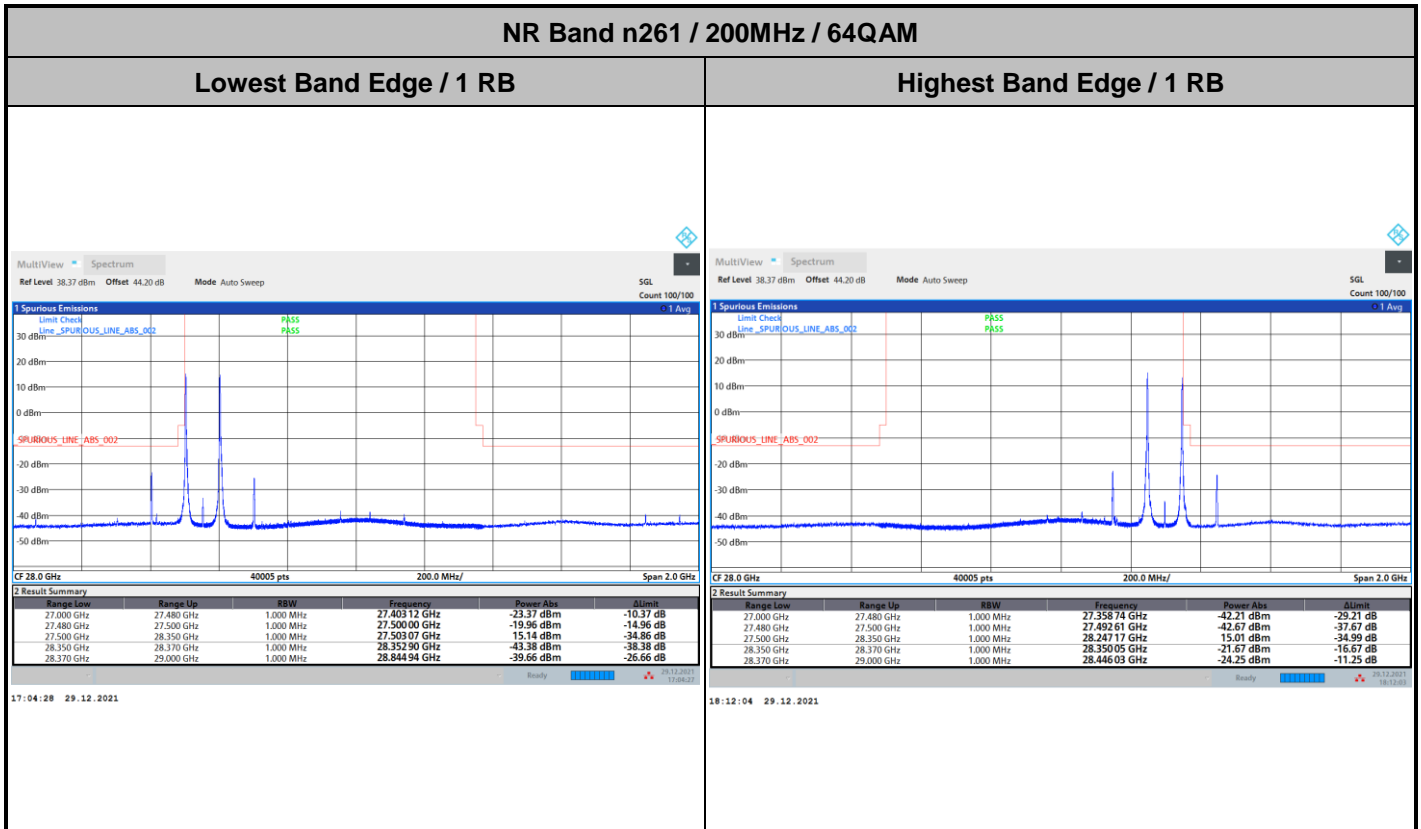
Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



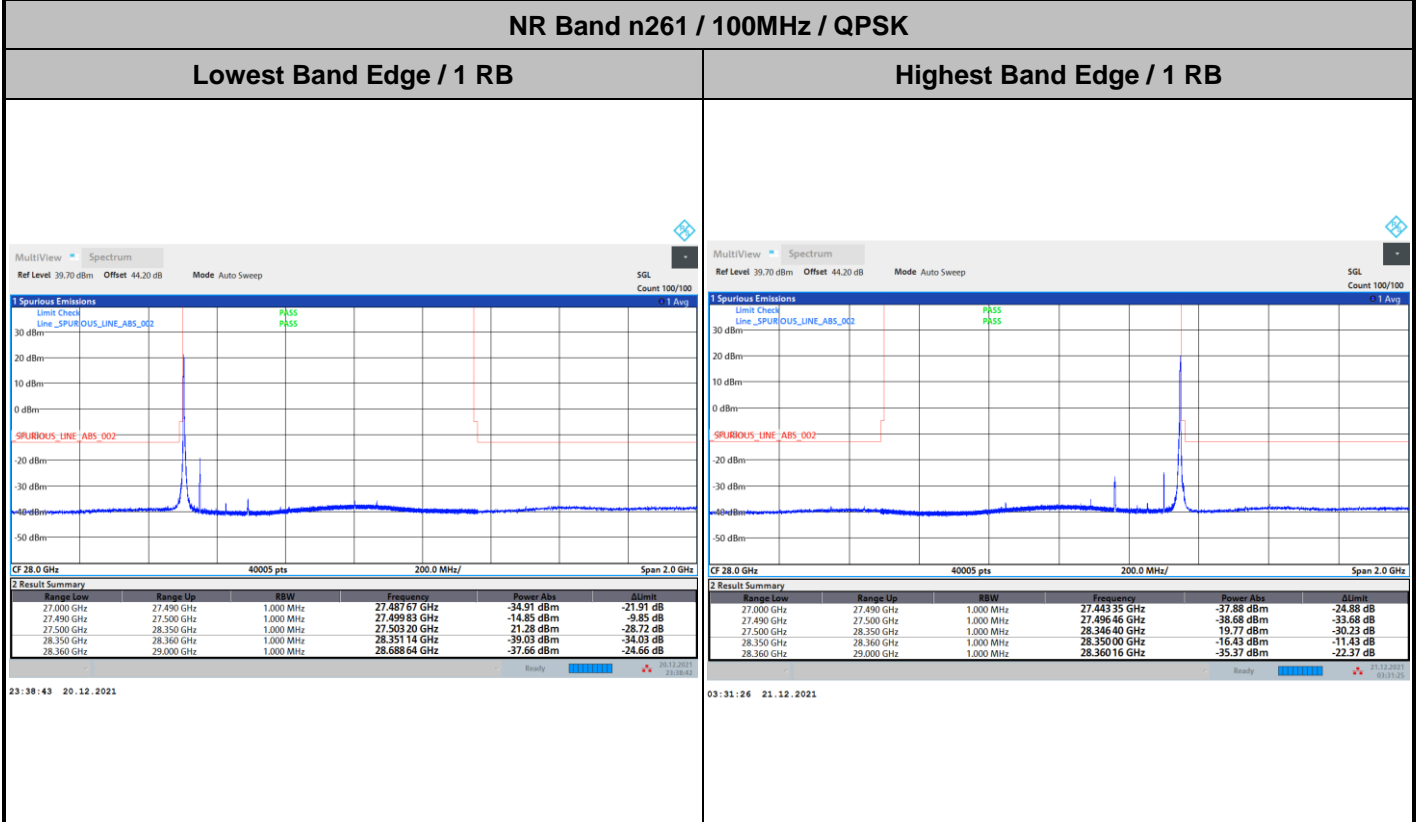
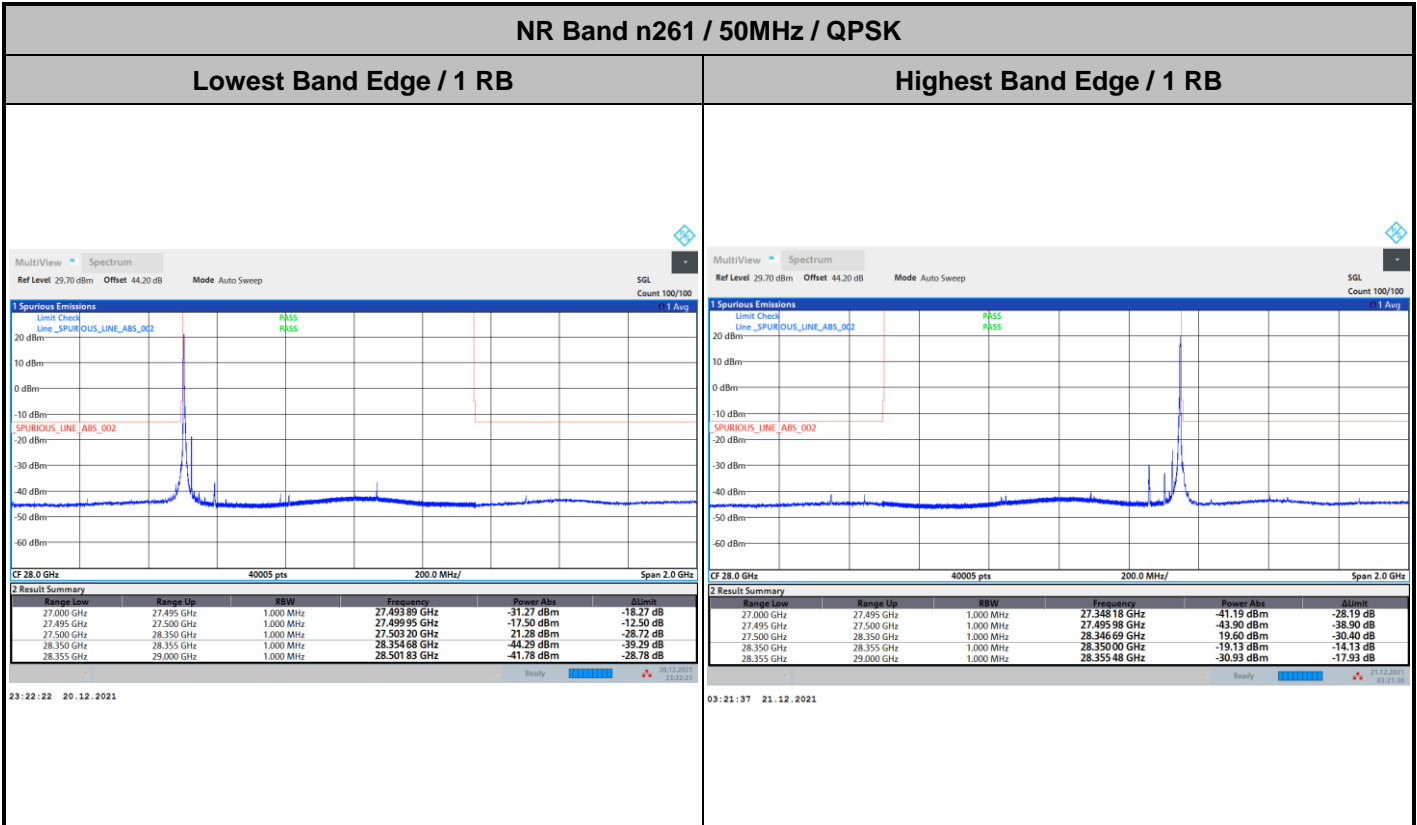


DFT-s-OFDM Module 1





CP-OFDM Module 1



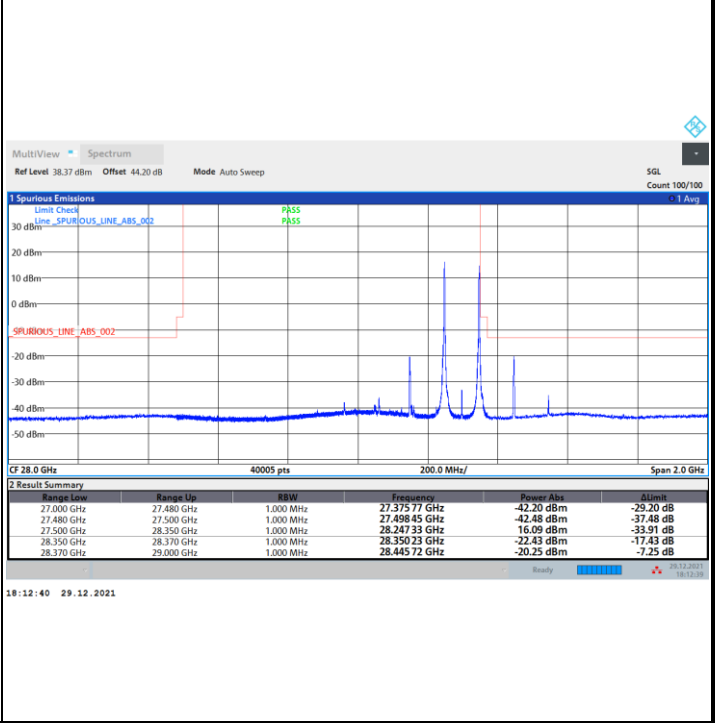
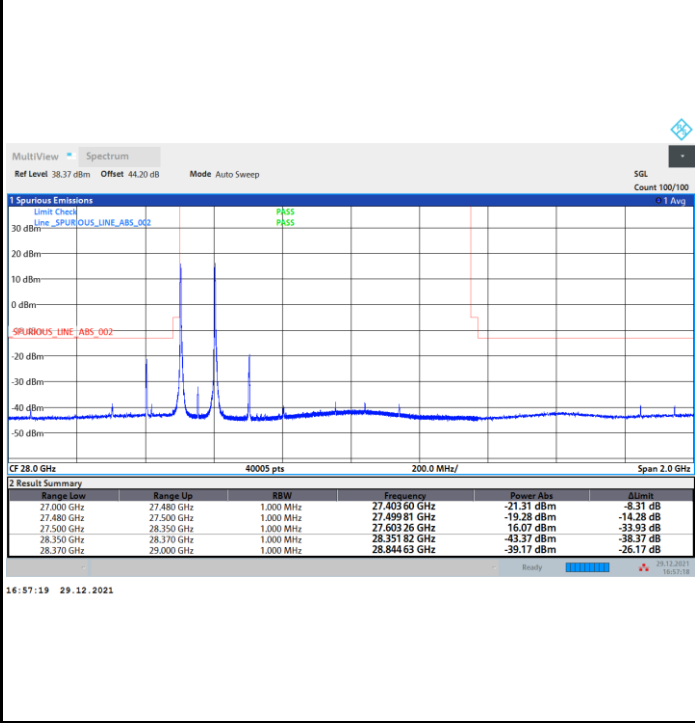




NR Band n261 / 200MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB





DFT-s-OFDM Module 1

