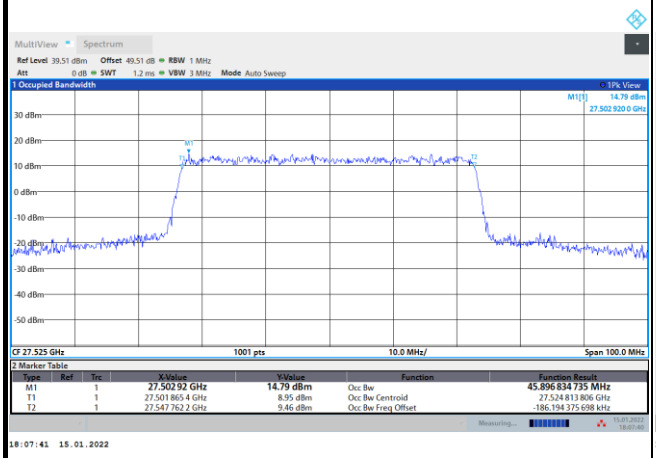
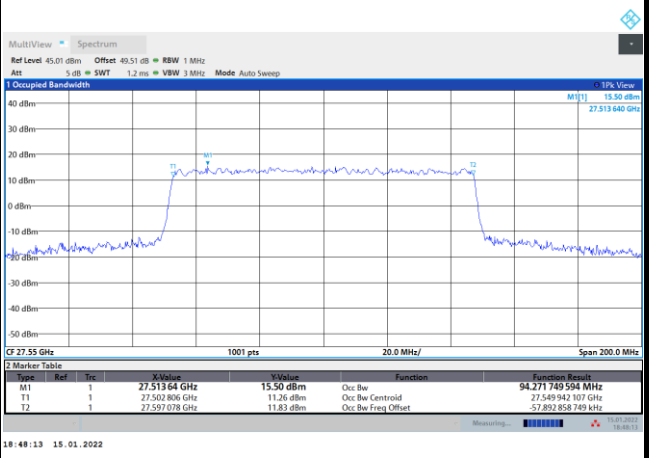
CP-OFDM Module 1

NR Band n261

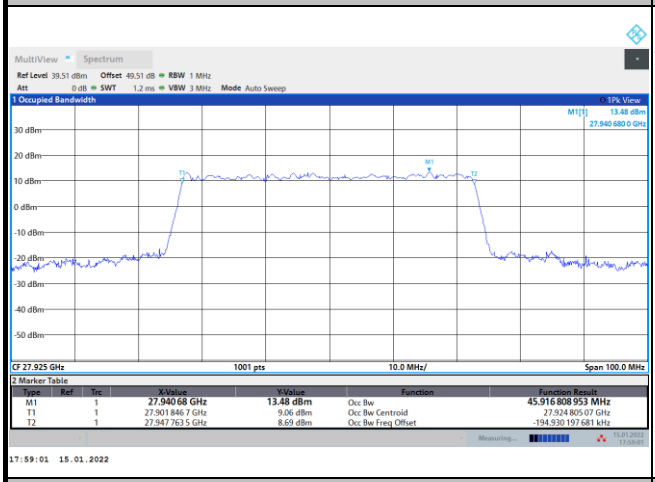
Lowest Channel / 50MHz / 64QAM



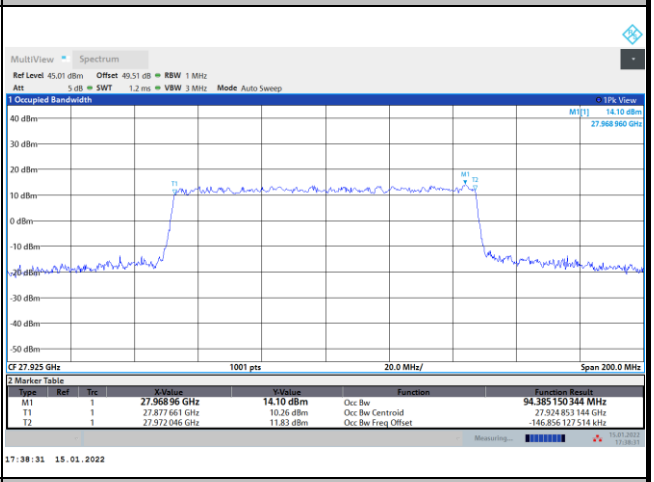
Lowest Channel / 100MHz / QPSK



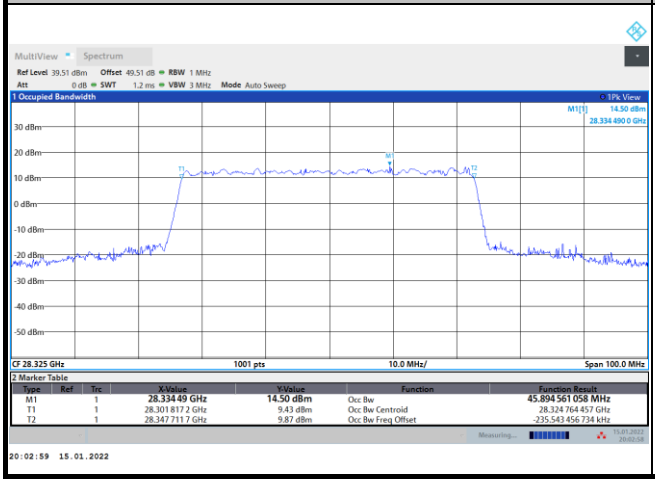
Middle Channel / 50MHz / 64QAM



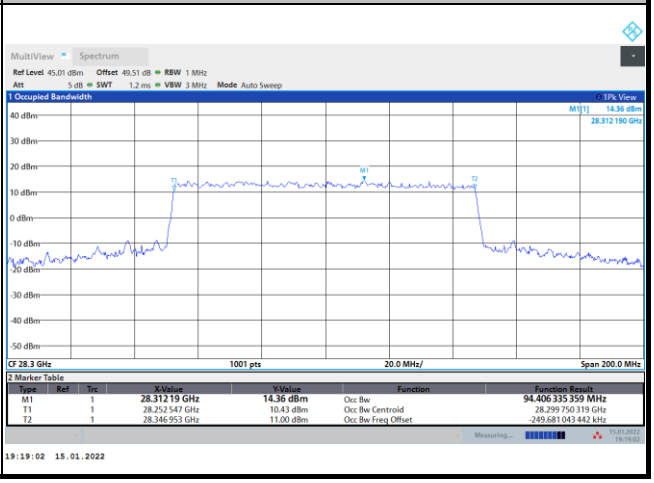
Middle Channel / 100MHz / QPSK



Highest Channel / 50MHz / 64QAM



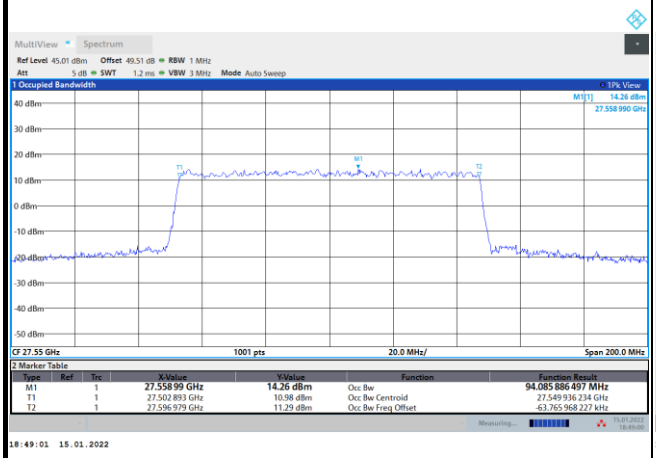
Highest Channel / 100MHz / QPSK



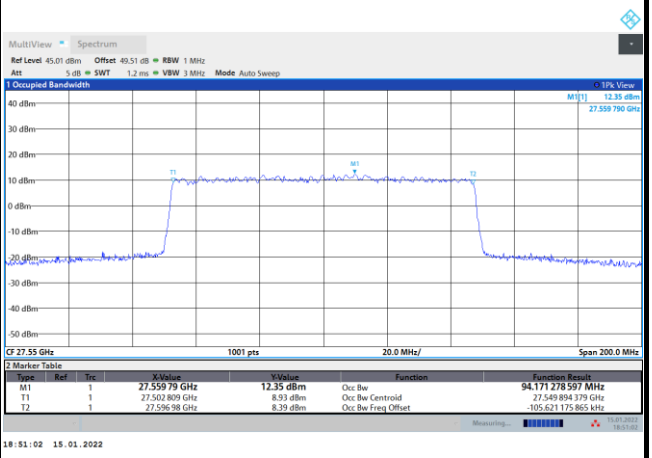
CP-OFDM Module 1

NR Band n261

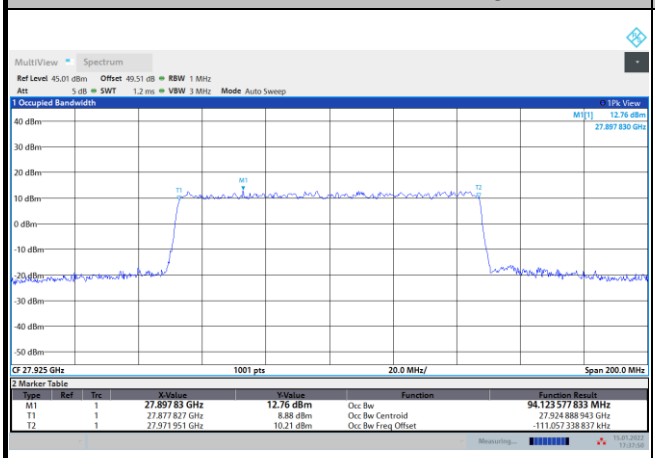
Lowest Channel / 100MHz / 16QAM



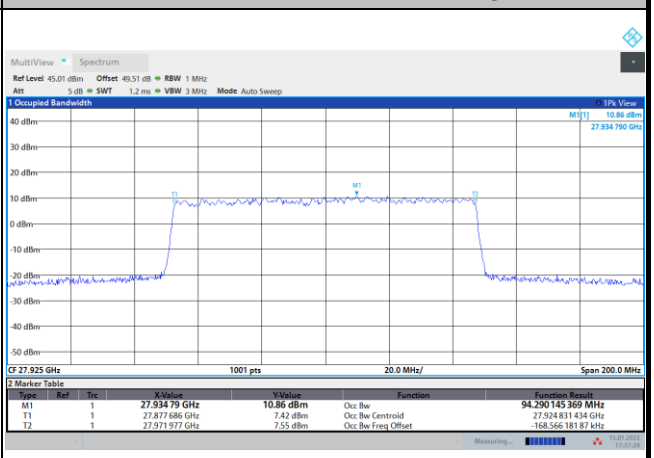
Lowest Channel / 100MHz / 64QAM



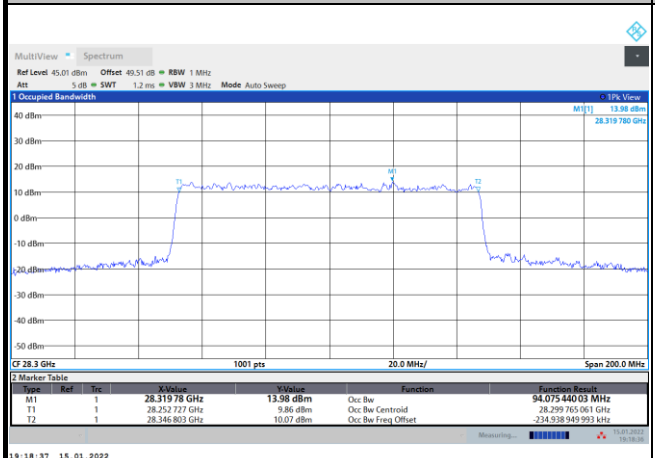
Middle Channel / 100MHz / 16QAM



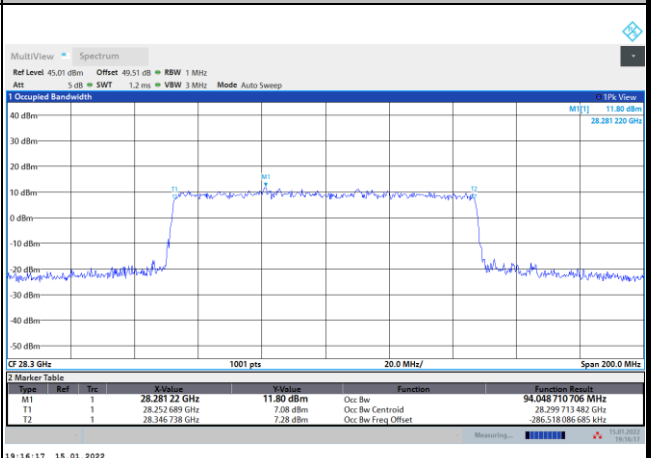
Middle Channel / 100MHz / 64QAM



Highest Channel / 100MHz / 16QAM



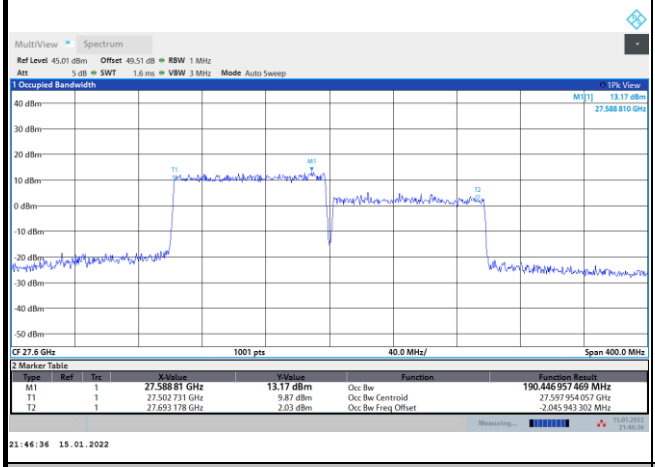
Highest Channel / 100MHz / 64QAM



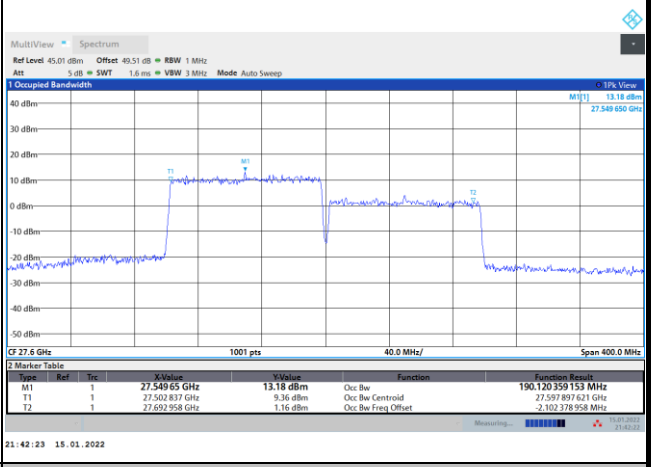
CP-OFDM Module 1

NR Band n261

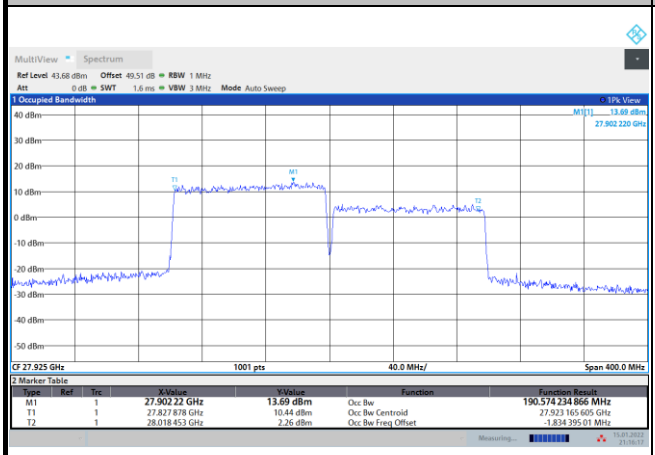
Lowest Channel / 200MHz / QPSK



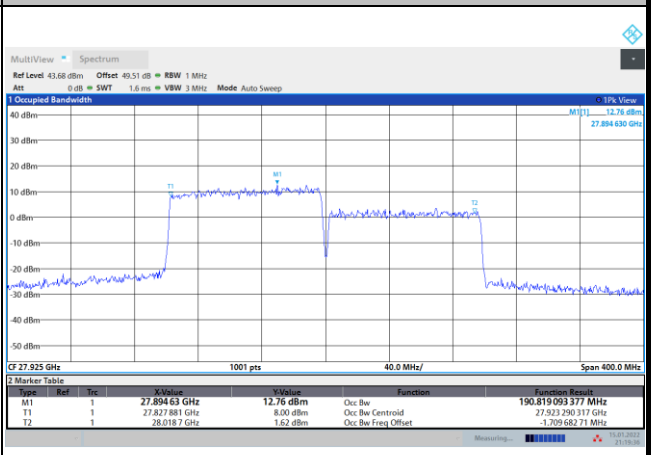
Lowest Channel / 200MHz / 16QAM



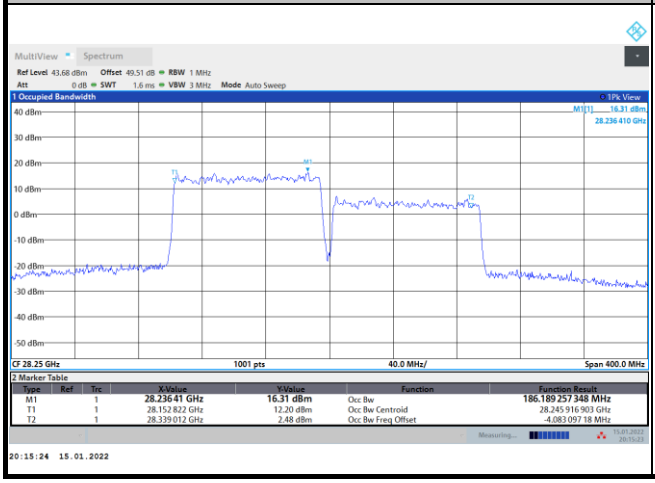
Middle Channel / 200MHz / QPSK



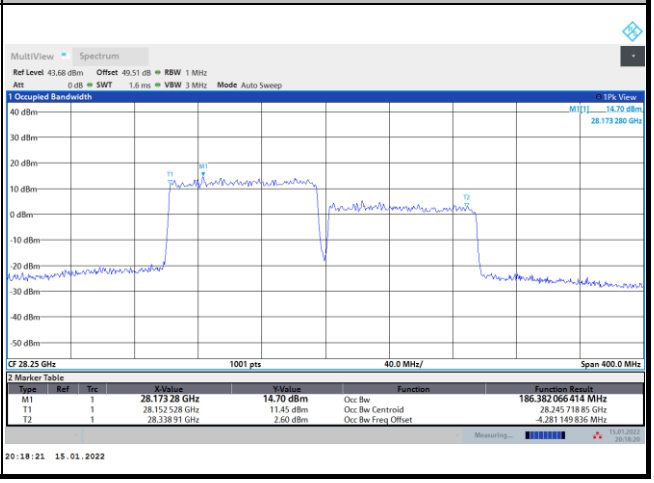
Middle Channel / 200MHz / 16QAM



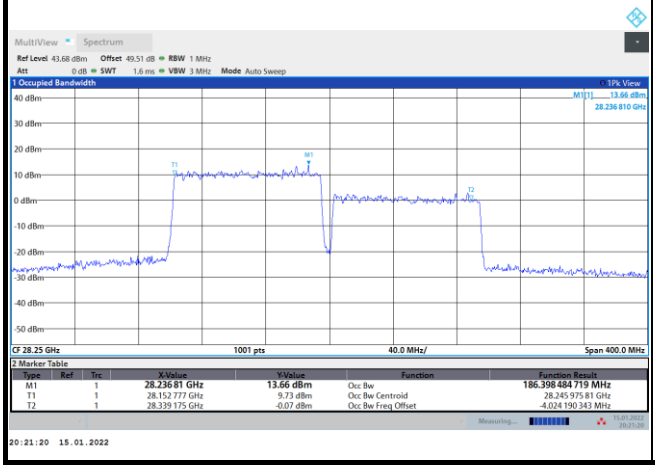
Highest Channel / 200MHz / QPSK



Highest Channel / 200MHz / 16QAM



CP-OFDM Module 1

NR Band n261	
Lowest Channel / 200MHz / 64QAM	
	intentionally blank
Middle Channel / 200MHz / 64QAM	
	intentionally blank
Highest Channel / 200MHz / 64QAM	
	**intentionally blank**

Radiated Out of Band Emissions

Mode			DFT-s-OFDM Module 1 NR Band n261 : BE (dBm) 1 RB											
BW			50MHz				100MHz				200MHz			
Limit (dBm)			BPSK	QPSK	16QAM	64QAM	BPSK	QPSK	16QAM	64QAM	BPSK	QPSK	16QAM	64QAM
Low CH	0~10%OB	≦-5	-15.73	-15.64	-16.01	-20.24	-18.17	-18.69	-19.56	-21.23	-24.58	-23.25	-22.9	-28.16
	>10%OB	≦-13	-26.38	-25.3	-27.54	-29.34	-27.78	-28.51	-29.61	-31.27	-18.18	-18.46	-18.56	-16.78
High CH	0~10%OB	≦-5	-22.28	-20.89	-22.55	-24.54	-21.56	-21.84	-22.55	-23.41	-40.15	-39.64	-39.77	-37.66
	>10%OB	≦-13	-25.34	-25.24	-27.82	-29.07	-28.45	-28.23	-29.48	-30.23	-32.58	-33.01	-32.3	-32.55
Result			Compliance											

Mode			CP-OFDM Module 1 NR Band n261 : BE (dBm) 1 RB								
BW			50MHz			100MHz			200MHz		
Limit (dBm)			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Low CH	0~10%OB	≦-5	-15.89	-20.92	-22.23	-20.75	-21.36	-23.39	-20.1	-22.86	-24.66
	>10%OB	≦-13	-27.91	-30.13	-31.88	-30.39	-31.08	-31.63	-17.35	-18.37	-16.12
High CH	0~10%OB	≦-5	-23.58	-25.91	-25.85	-22.01	-23.45	-26.33	-39.43	-41.28	-36.66
	>10%OB	≦-13	-28.04	-29.21	-30.4	-29.89	-30.15	-30.88	-32.53	-31.64	-30.04
Result			Compliance								

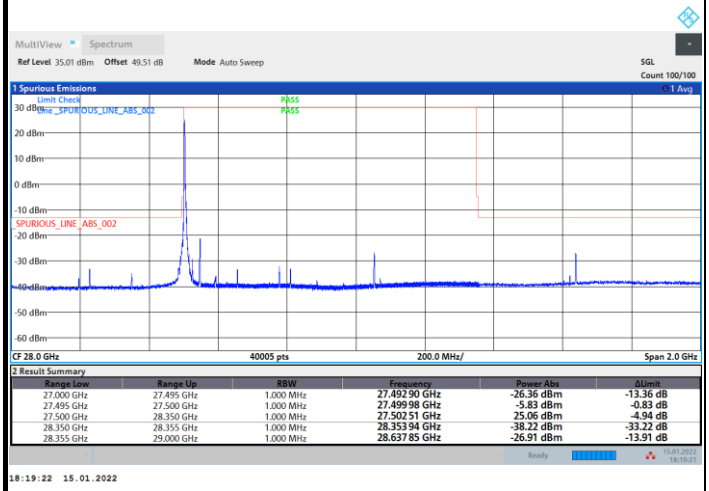
Mode			DFT-s-OFDM Module 1 NR Band n261 : BE (dBm) Full RB											
BW			50MHz				100MHz				200MHz			
Limit (dBm)			BPSK	QPSK	16QAM	64QAM	BPSK	QPSK	16QAM	64QAM	BPSK	QPSK	16QAM	64QAM
Low CH	0~10%OB	≦-5	-28.38	-25.89	-30.35	-31.9	-31.75	-29.62	-33.7	-35.24	-33.4	-35.19	-35.05	-36.99
	>10%OB	≦-13	-23.55	-18.97	-23.44	-25.14	-26.07	-22.4	-26.77	-27.74	-26.77	-27.34	-27.62	-29.97
High CH	0~10%OB	≦-5	-28.27	-25.7	-30.68	-35.25	-33.08	-29.85	-34.68	-37.8	-42.44	-41.31	-42.65	-44.32
	>10%OB	≦-13	-21.53	-16.99	-22.66	-27.05	-25.33	-21.54	-26.04	-29.18	-32.95	-32.02	-33.72	-35.1
Result			Compliance											

Mode			CP-OFDM Module 1 NR Band n261 : BE (dBm) Full RB								
BW			50MHz			100MHz			200MHz		
Limit (dBm)			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Low CH	0~10%OB	≦-5	-28.6	-31.16	-32.45	-31.58	-34.82	-36.66	-34.86	-36.29	-39
	>10%OB	≦-13	-21.68	-24.03	-26.48	-24.87	-27.13	-28.83	-28.24	-29.54	-31.71
High CH	0~10%OB	≦-5	-28.23	-32.42	-36.61	-31.26	-34.87	-37.99	-40.71	-43.31	-44.67
	>10%OB	≦-13	-19.33	-24.21	-28.81	-22.12	-26.02	-29.82	-32.96	-34.85	-36.08
Result			Compliance								

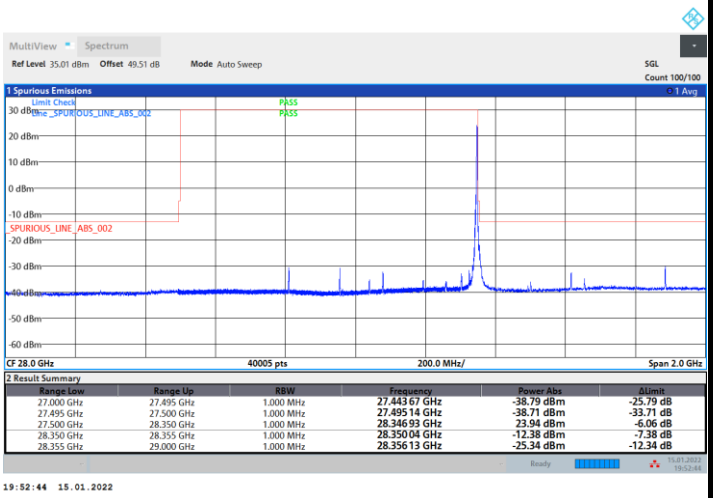
DFT-s-OFDM Module 1

NR Band n261 / 50MHz / BPSK

Lowest Band Edge / 1 RB

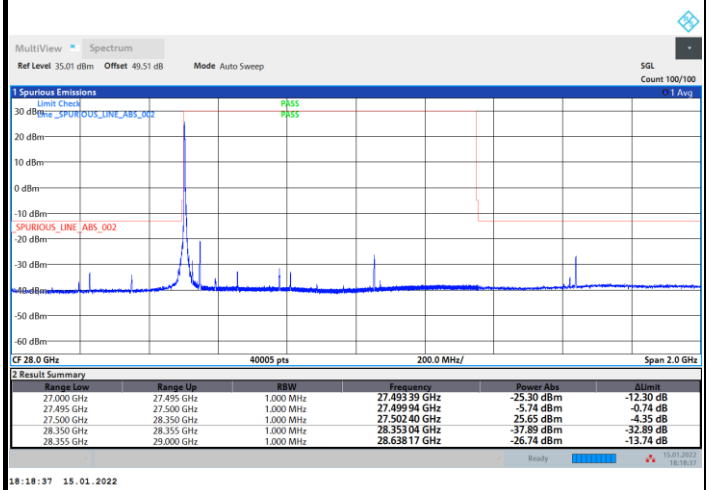


Highest Band Edge / 1 RB

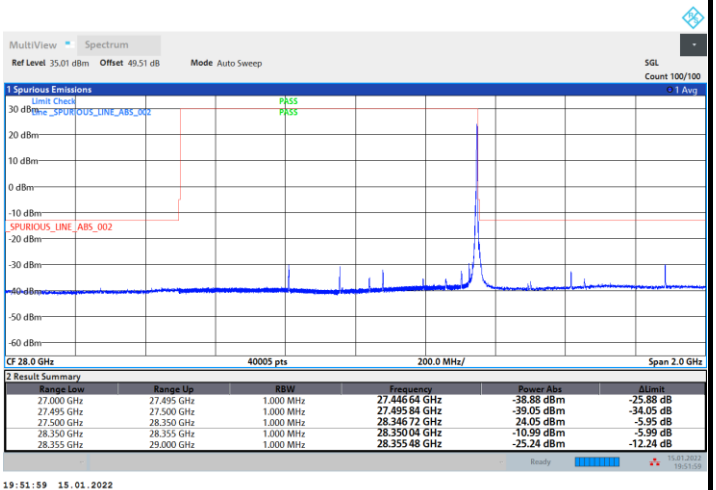


NR Band n261 / 50MHz / QPSK

Lowest Band Edge / 1 RB



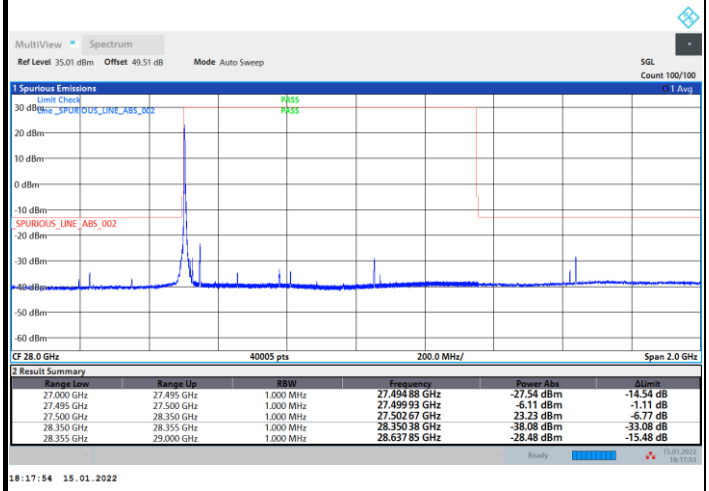
Highest Band Edge / 1 RB



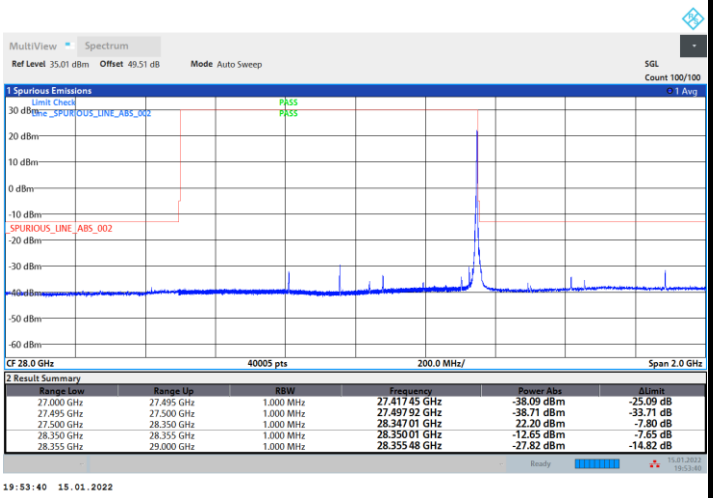
DFT-s-OFDM Module 1

NR Band n261 / 50MHz / 16QAM

Lowest Band Edge / 1 RB

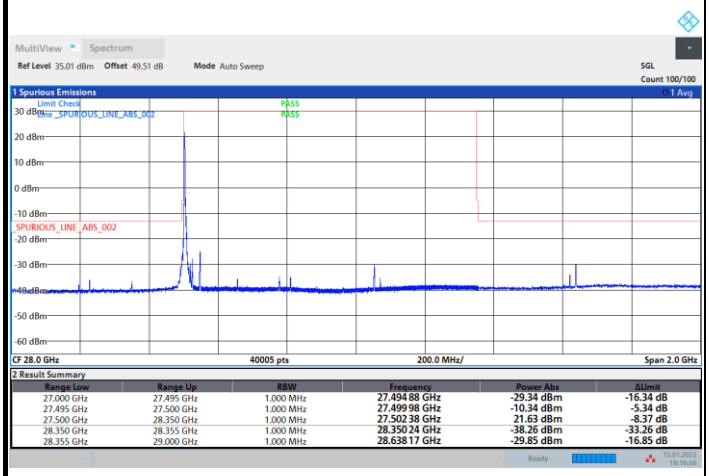


Highest Band Edge / 1 RB

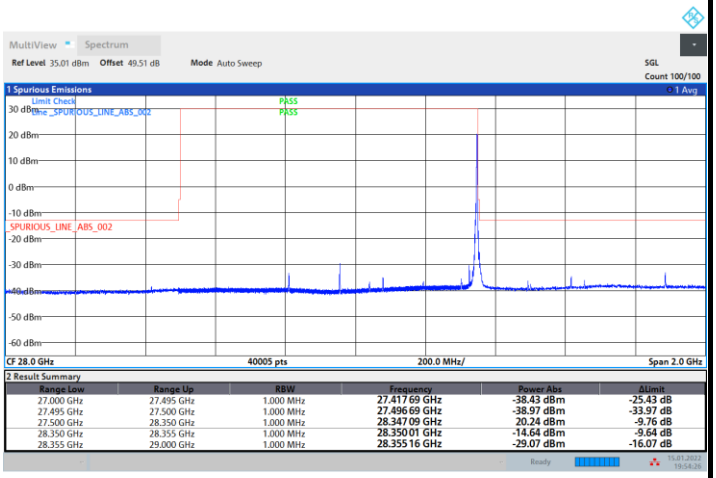


NR Band n261 / 50MHz / 64QAM

Lowest Band Edge / 1 RB



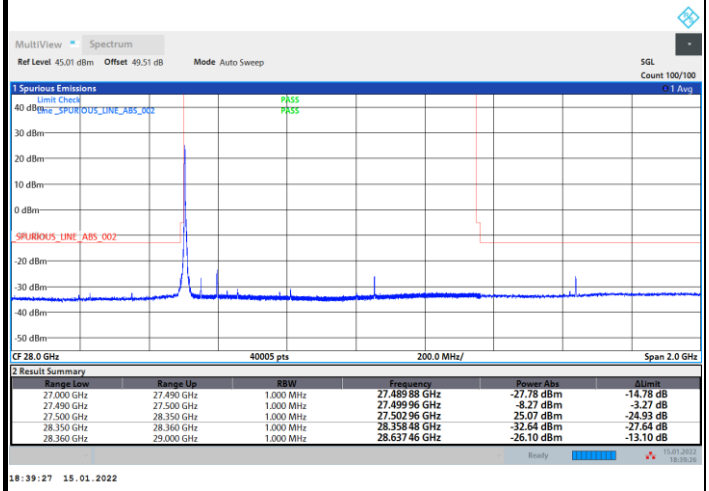
Highest Band Edge / 1 RB



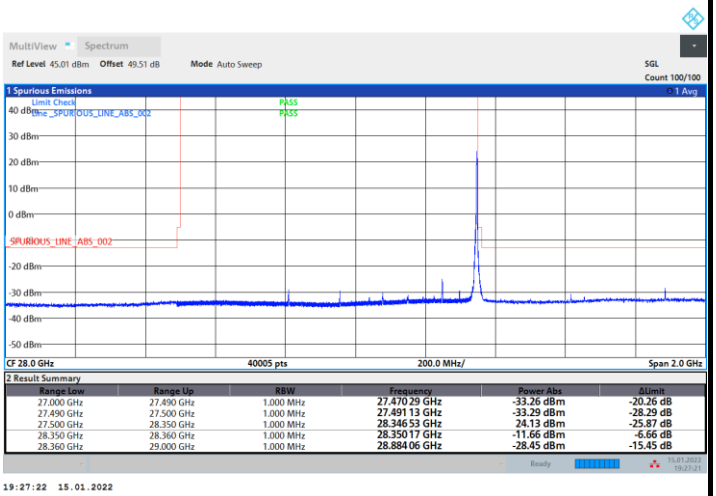
DFT-s-OFDM Module 1

NR Band n261 / 100MHz / BPSK

Lowest Band Edge / 1 RB

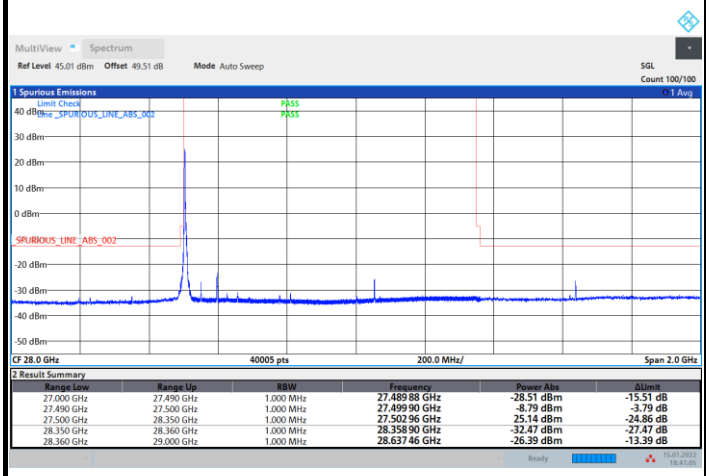


Highest Band Edge / 1 RB

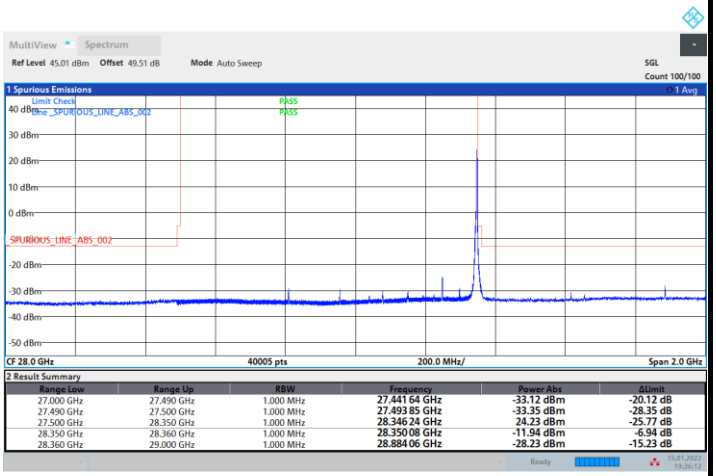


NR Band n261 / 100MHz / QPSK

Lowest Band Edge / 1 RB



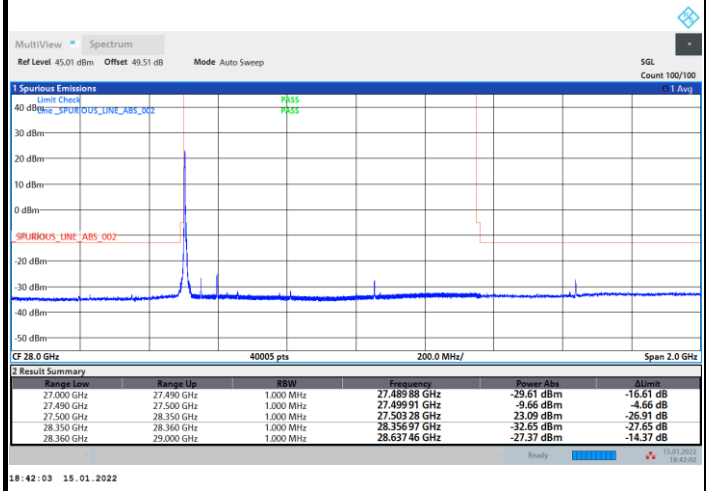
Highest Band Edge / 1 RB



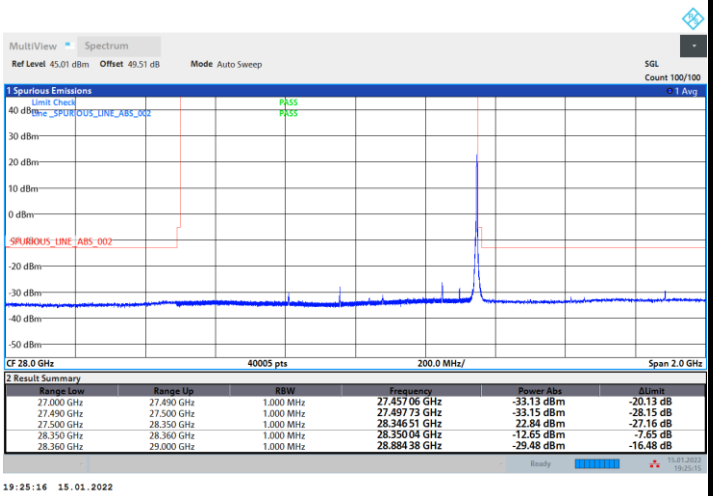
DFT-s-OFDM Module 1

NR Band n261 / 100MHz / 16QAM

Lowest Band Edge / 1 RB

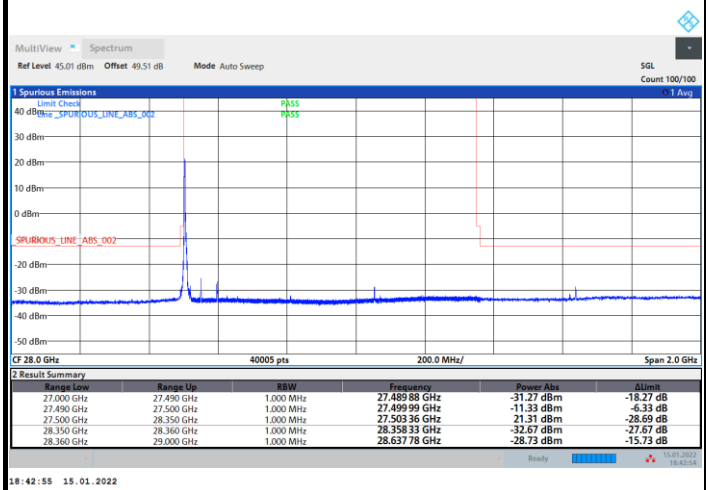


Highest Band Edge / 1 RB

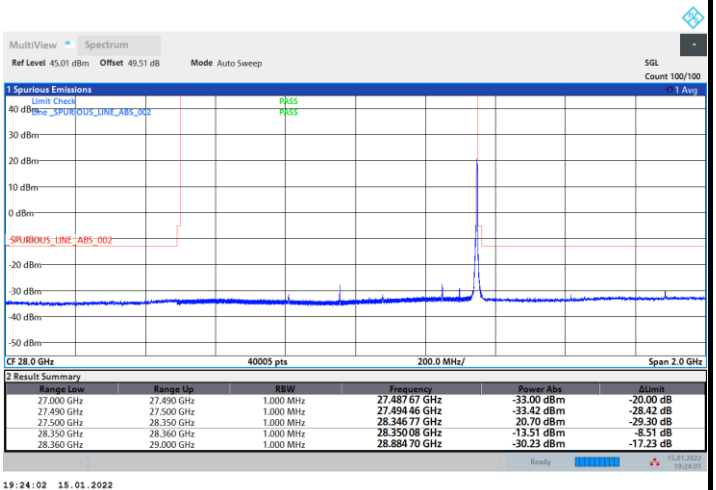


NR Band n261 / 100MHz / 64QAM

Lowest Band Edge / 1 RB



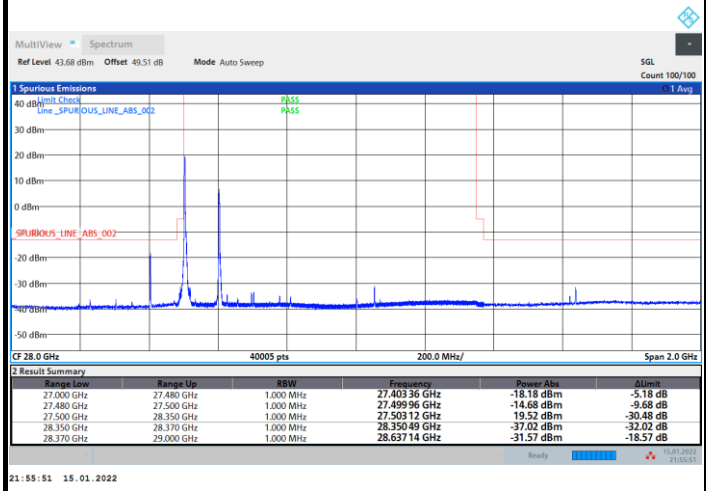
Highest Band Edge / 1 RB



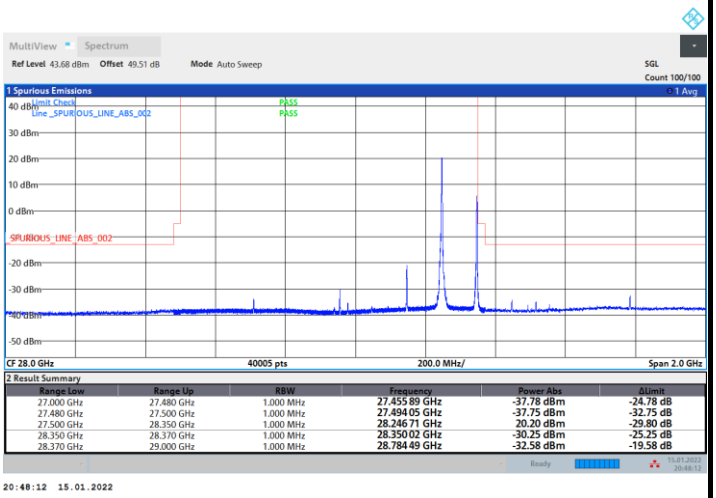
DFT-s-OFDM Module 1

NR Band n261 / 200MHz / BPSK

Lowest Band Edge / 1 RB

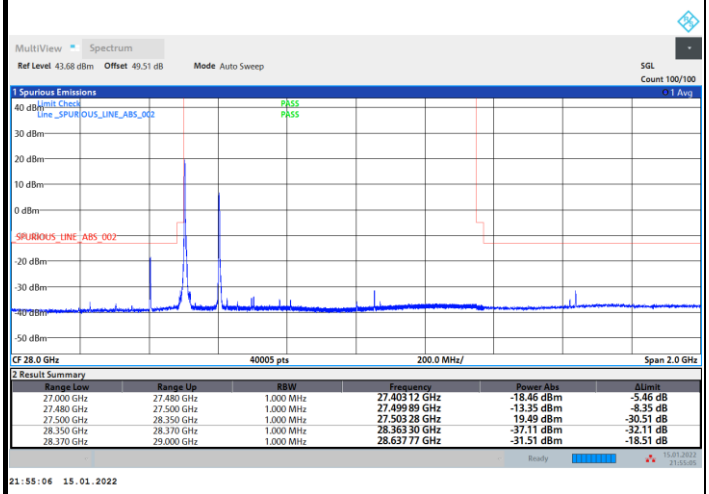


Highest Band Edge / 1 RB

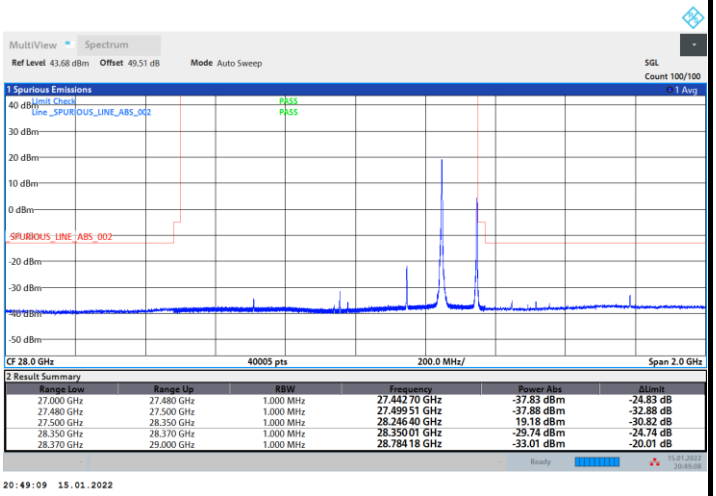


NR Band n261 / 200MHz / QPSK

Lowest Band Edge / 1 RB



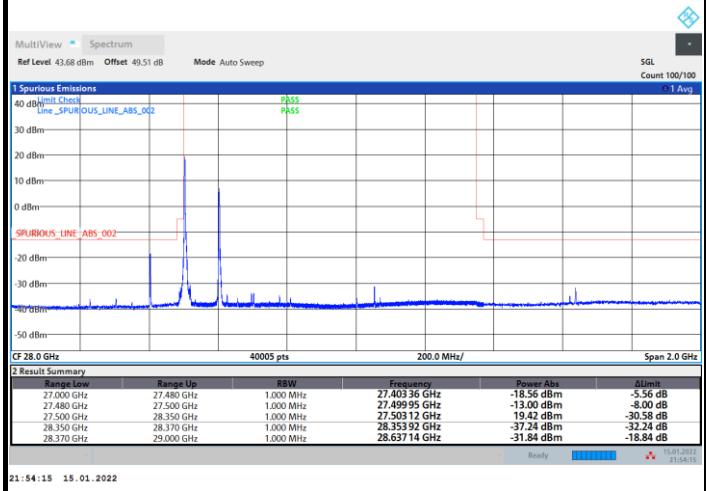
Highest Band Edge / 1 RB



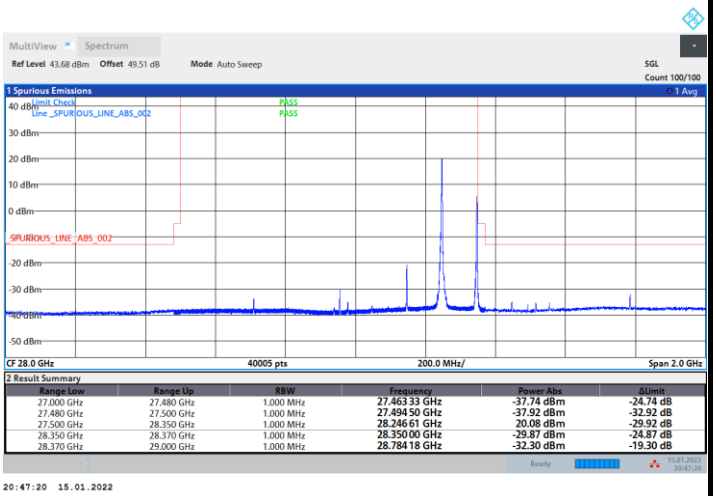
DFT-s-OFDM Module 1

NR Band n261 / 200MHz / 16QAM

Lowest Band Edge / 1 RB

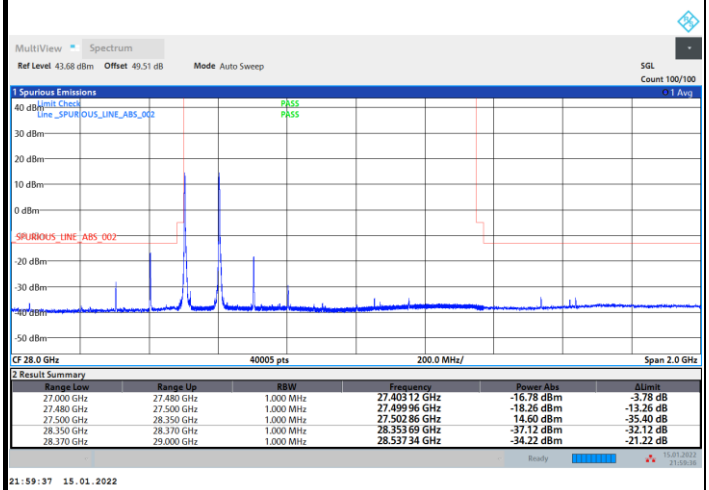


Highest Band Edge / 1 RB

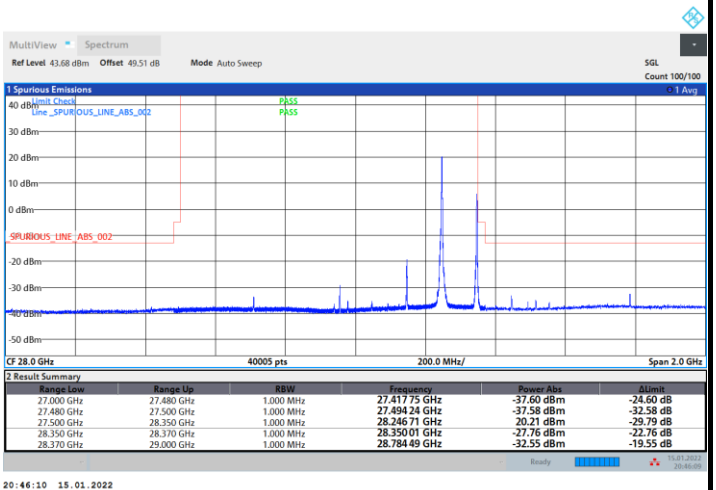


NR Band n261 / 200MHz / 64QAM

Lowest Band Edge / 1 RB



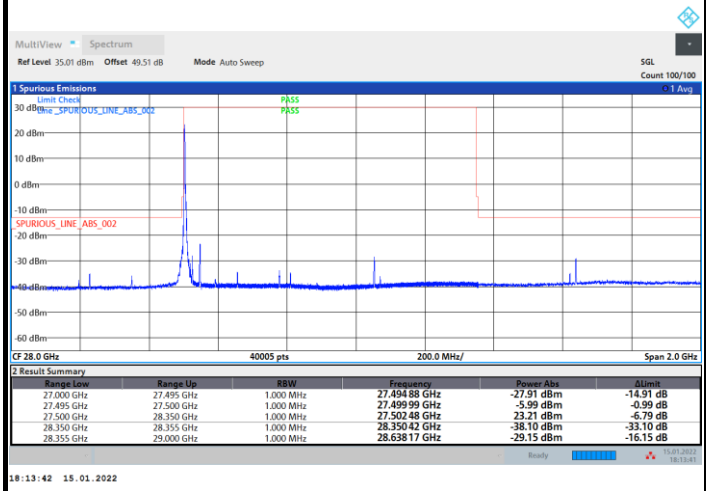
Highest Band Edge / 1 RB



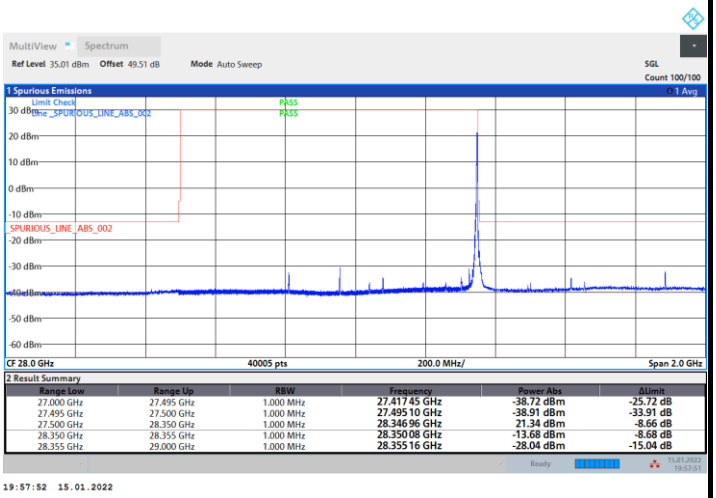
CP-OFDM Module 1

NR Band n261 / 50MHz / QPSK

Lowest Band Edge / 1 RB

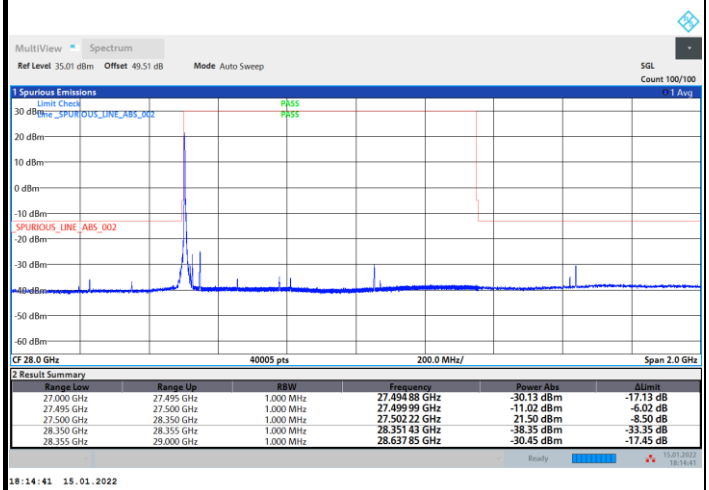


Highest Band Edge / 1 RB

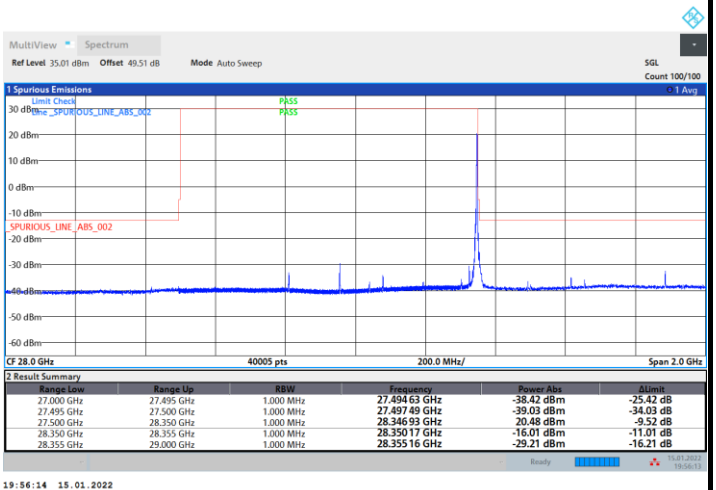


NR Band n261 / 50MHz / 16QAM

Lowest Band Edge / 1 RB



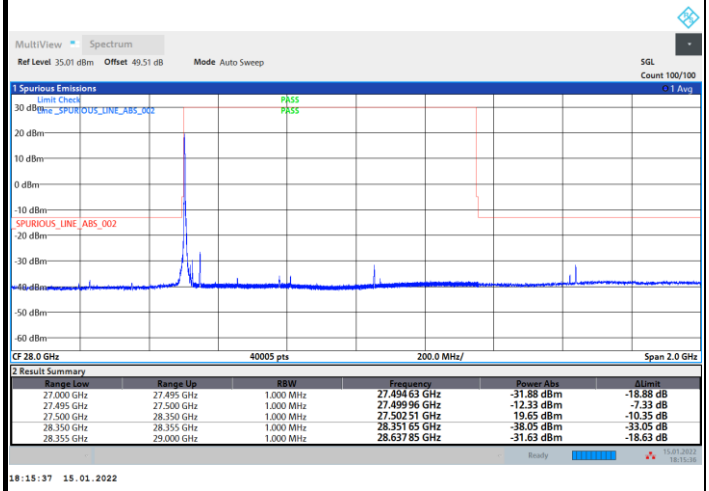
Highest Band Edge / 1 RB



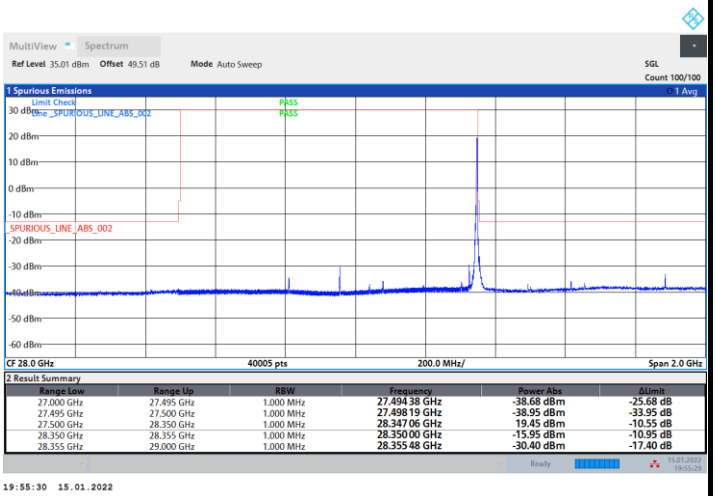
CP-OFDM Module 1

NR Band n261 / 50MHz / 64QAM

Lowest Band Edge / 1 RB

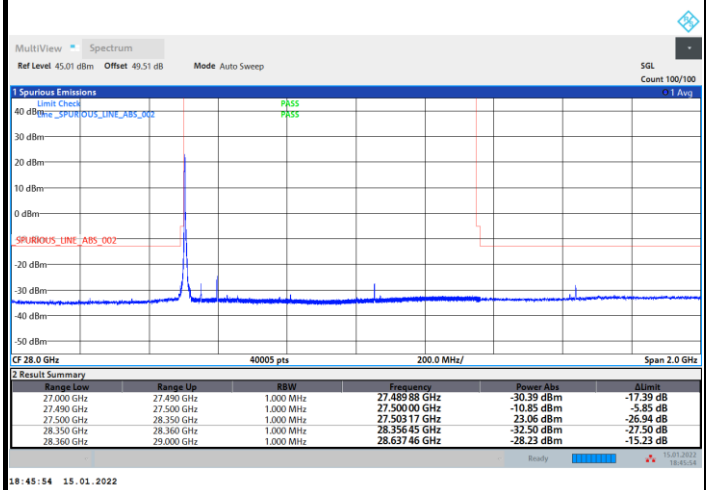


Highest Band Edge / 1 RB

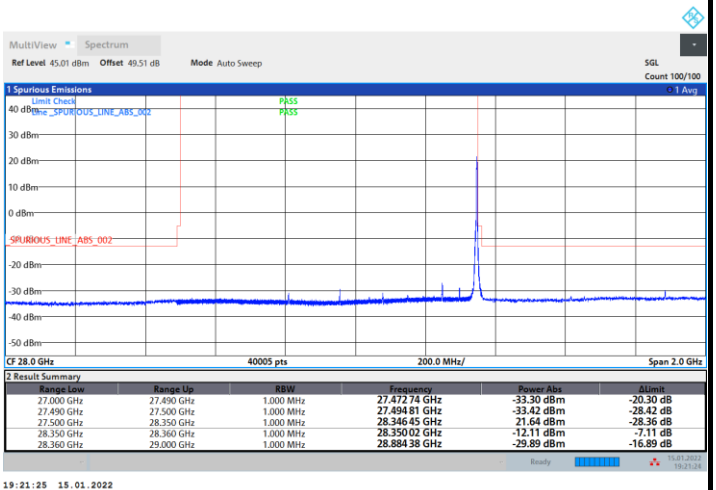


NR Band n261 / 100MHz / QPSK

Lowest Band Edge / 1 RB



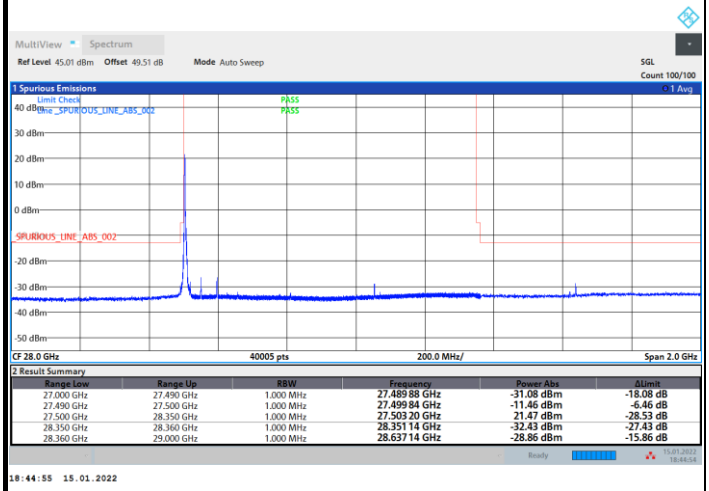
Highest Band Edge / 1 RB



CP-OFDM Module 1

NR Band n261 / 100MHz / 16QAM

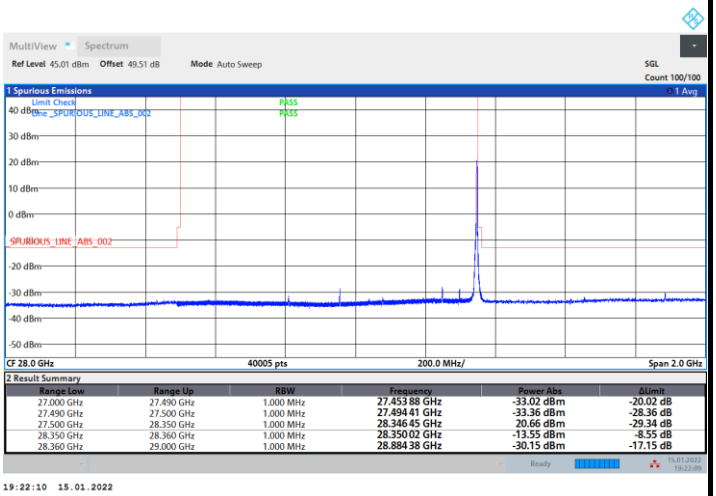
Lowest Band Edge / 1 RB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
27.000 GHz	27.490 GHz	1.000 MHz	27.489 88 GHz	-31.08 dBm	-18.08 dB
27.490 GHz	27.500 GHz	1.000 MHz	27.499 84 GHz	-11.46 dBm	-6.46 dB
27.500 GHz	28.350 GHz	1.000 MHz	27.503 20 GHz	21.47 dBm	-28.53 dB
28.350 GHz	28.360 GHz	1.000 MHz	28.351 14 GHz	-32.43 dBm	-27.43 dB
28.360 GHz	29.000 GHz	1.000 MHz	28.637 14 GHz	-28.86 dBm	-15.86 dB

18:44:55 15.01.2022

Highest Band Edge / 1 RB

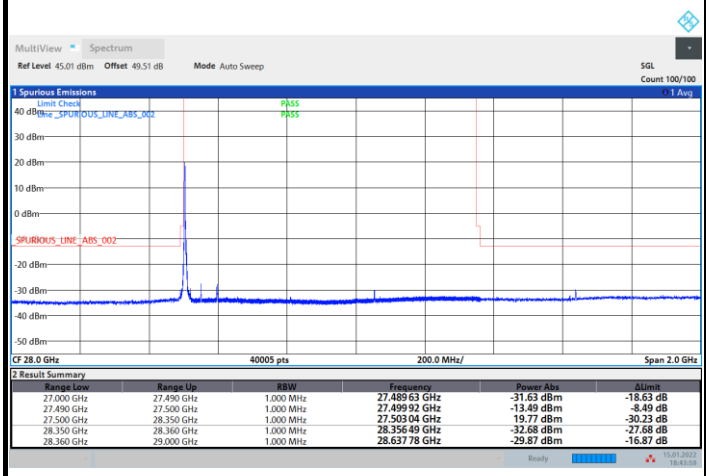


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
27.000 GHz	27.490 GHz	1.000 MHz	27.453 88 GHz	-33.02 dBm	-20.02 dB
27.490 GHz	27.500 GHz	1.000 MHz	27.494 41 GHz	-33.36 dBm	-28.36 dB
27.500 GHz	28.350 GHz	1.000 MHz	28.346 45 GHz	20.66 dBm	-29.34 dB
28.350 GHz	28.360 GHz	1.000 MHz	28.350 02 GHz	-13.55 dBm	-8.55 dB
28.360 GHz	29.000 GHz	1.000 MHz	28.884 38 GHz	-30.15 dBm	-17.15 dB

19:22:10 15.01.2022

NR Band n261 / 100MHz / 64QAM

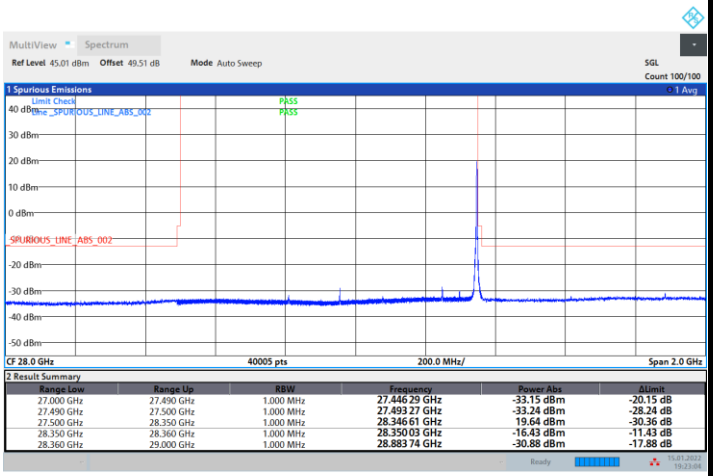
Lowest Band Edge / 1 RB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
27.000 GHz	27.490 GHz	1.000 MHz	27.489 63 GHz	-31.63 dBm	-18.63 dB
27.490 GHz	27.500 GHz	1.000 MHz	27.499 92 GHz	-13.49 dBm	-8.49 dB
27.500 GHz	28.350 GHz	1.000 MHz	27.503 04 GHz	19.77 dBm	-30.23 dB
28.350 GHz	28.360 GHz	1.000 MHz	28.356 49 GHz	-32.68 dBm	-27.68 dB
28.360 GHz	29.000 GHz	1.000 MHz	28.637 78 GHz	-29.87 dBm	-16.87 dB

18:44:00 15.01.2022

Highest Band Edge / 1 RB



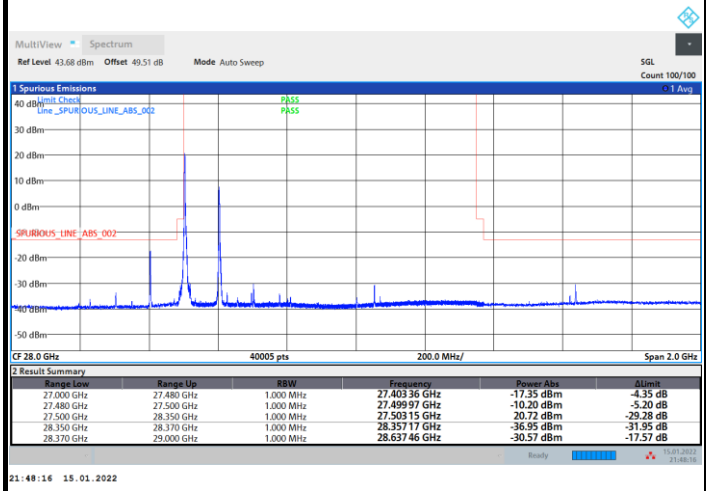
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
27.000 GHz	27.490 GHz	1.000 MHz	27.446 29 GHz	-33.15 dBm	-20.15 dB
27.490 GHz	27.500 GHz	1.000 MHz	27.493 27 GHz	-33.24 dBm	-28.24 dB
27.500 GHz	28.350 GHz	1.000 MHz	28.346 61 GHz	19.64 dBm	-30.36 dB
28.350 GHz	28.360 GHz	1.000 MHz	28.350 03 GHz	-16.43 dBm	-11.43 dB
28.360 GHz	29.000 GHz	1.000 MHz	28.883 74 GHz	-30.88 dBm	-17.88 dB

19:23:04 15.01.2022

CP-OFDM Module 1

NR Band n261 / 200MHz / QPSK

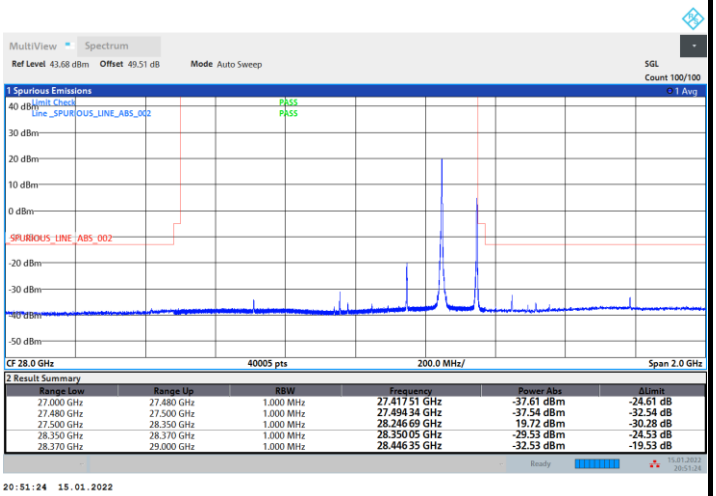
Lowest Band Edge / 1 RB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
27.000 GHz	27.480 GHz	1.000 MHz	27.403 36 GHz	-17.35 dBm	-4.35 dB
27.480 GHz	27.500 GHz	1.000 MHz	27.499 97 GHz	-10.20 dBm	-5.20 dB
27.500 GHz	28.350 GHz	1.000 MHz	27.503 15 GHz	20.72 dBm	-29.28 dB
28.350 GHz	28.370 GHz	1.000 MHz	28.357 17 GHz	-36.95 dBm	-31.95 dB
28.370 GHz	29.000 GHz	1.000 MHz	28.637 46 GHz	-30.57 dBm	-17.57 dB

21:48:16 15.01.2022

Highest Band Edge / 1 RB

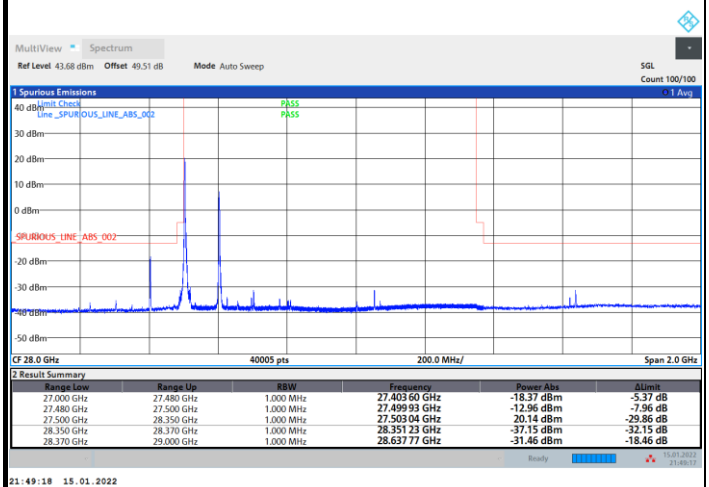


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
27.000 GHz	27.480 GHz	1.000 MHz	27.417 51 GHz	-37.61 dBm	-24.61 dB
27.480 GHz	27.500 GHz	1.000 MHz	27.494 34 GHz	-37.54 dBm	-32.54 dB
27.500 GHz	28.350 GHz	1.000 MHz	28.246 69 GHz	19.72 dBm	-30.28 dB
28.350 GHz	28.370 GHz	1.000 MHz	28.350 05 GHz	-29.53 dBm	-24.53 dB
28.370 GHz	29.000 GHz	1.000 MHz	28.446 35 GHz	-32.53 dBm	-19.53 dB

20:51:24 15.01.2022

NR Band n261 / 200MHz / 16QAM

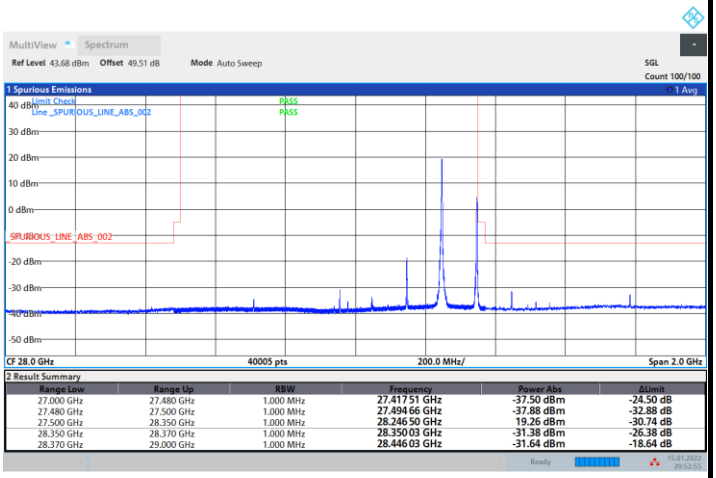
Lowest Band Edge / 1 RB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
27.000 GHz	27.480 GHz	1.000 MHz	27.403 60 GHz	-18.37 dBm	-5.37 dB
27.480 GHz	27.500 GHz	1.000 MHz	27.499 93 GHz	-12.96 dBm	-7.96 dB
27.500 GHz	28.350 GHz	1.000 MHz	27.503 04 GHz	20.14 dBm	-29.86 dB
28.350 GHz	28.370 GHz	1.000 MHz	28.351 23 GHz	-37.15 dBm	-32.15 dB
28.370 GHz	29.000 GHz	1.000 MHz	28.637 77 GHz	-31.46 dBm	-18.46 dB

21:49:18 15.01.2022

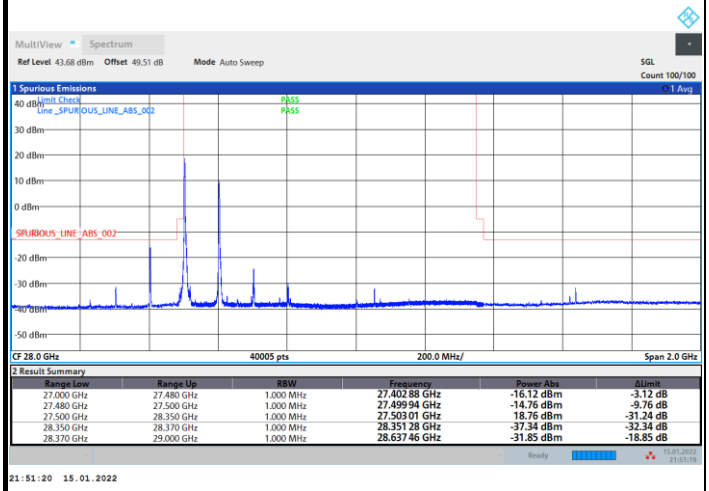
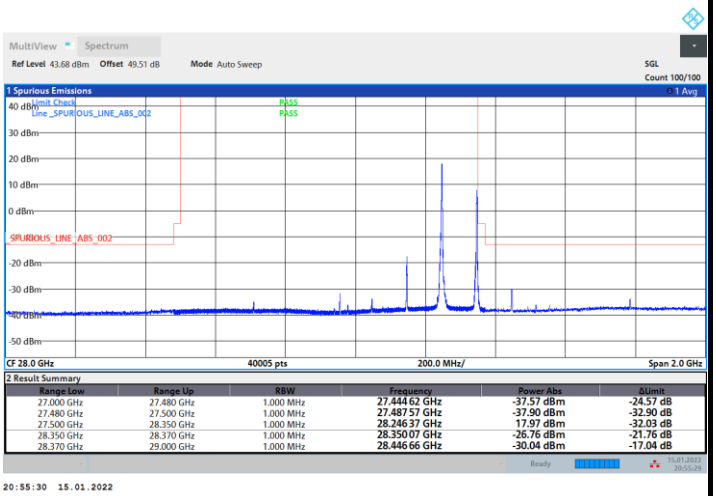
Highest Band Edge / 1 RB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
27.000 GHz	27.480 GHz	1.000 MHz	27.417 51 GHz	-37.50 dBm	-24.50 dB
27.480 GHz	27.500 GHz	1.000 MHz	27.494 66 GHz	-37.88 dBm	-32.88 dB
27.500 GHz	28.350 GHz	1.000 MHz	28.246 50 GHz	19.26 dBm	-30.74 dB
28.350 GHz	28.370 GHz	1.000 MHz	28.350 03 GHz	-31.38 dBm	-26.38 dB
28.370 GHz	29.000 GHz	1.000 MHz	28.446 03 GHz	-31.64 dBm	-18.64 dB

20:52:55 15.01.2022

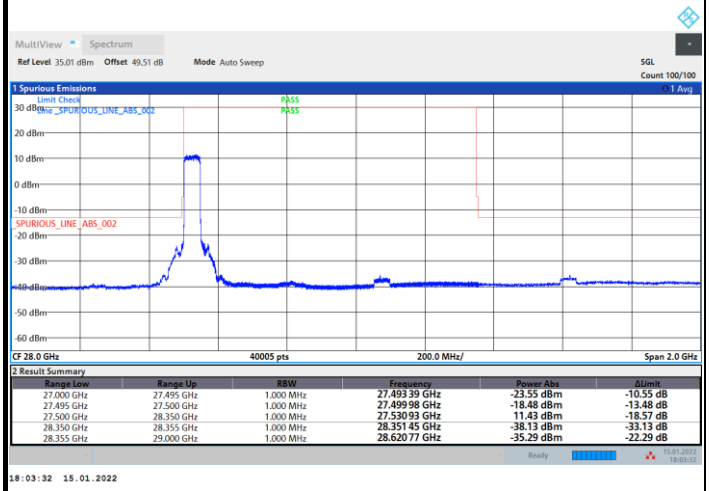
CP-OFDM Module 1

NR Band n261 / 200MHz / 64QAM	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	

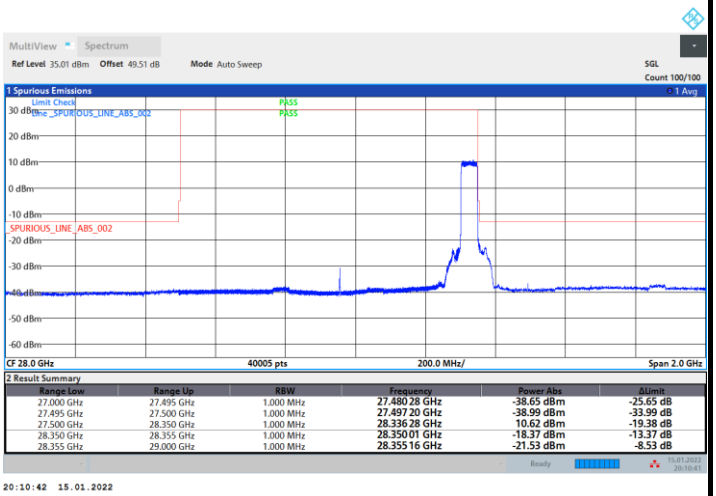
DFT-s-OFDM Module 1

NR Band n261 / 50MHz / BPSK

Lowest Band Edge / Full RB

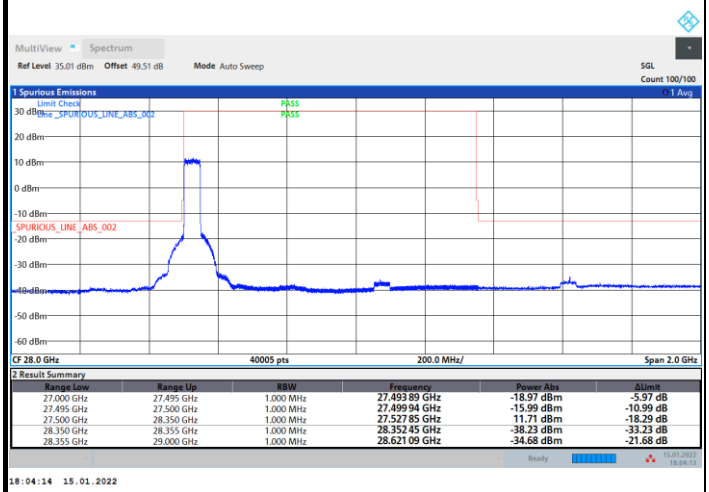


Highest Band Edge / Full RB

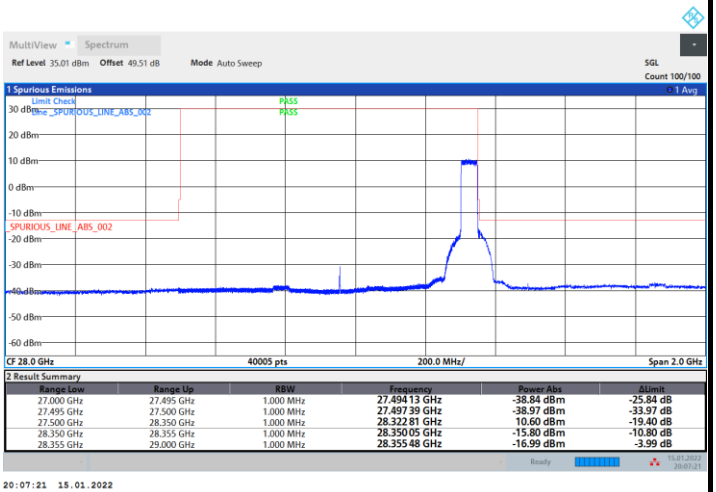


NR Band n261 / 50MHz / QPSK

Lowest Band Edge / Full RB



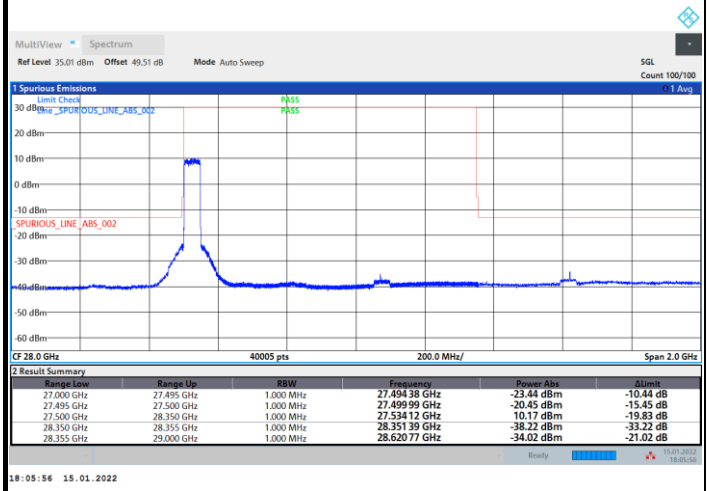
Highest Band Edge / Full RB



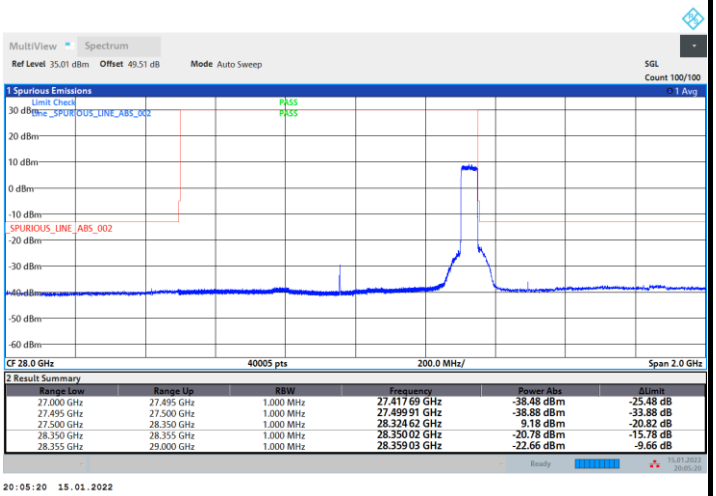
DFT-s-OFDM Module 1

NR Band n261 / 50MHz / 16QAM

Lowest Band Edge / Full RB

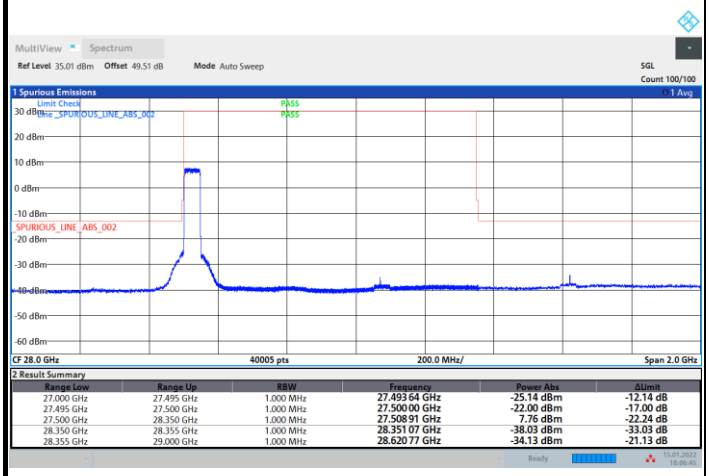


Highest Band Edge / Full RB

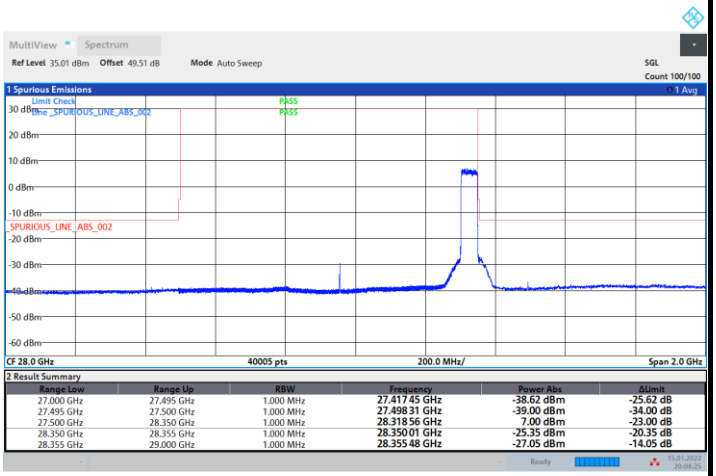


NR Band n261 / 50MHz / 64QAM

Lowest Band Edge / Full RB



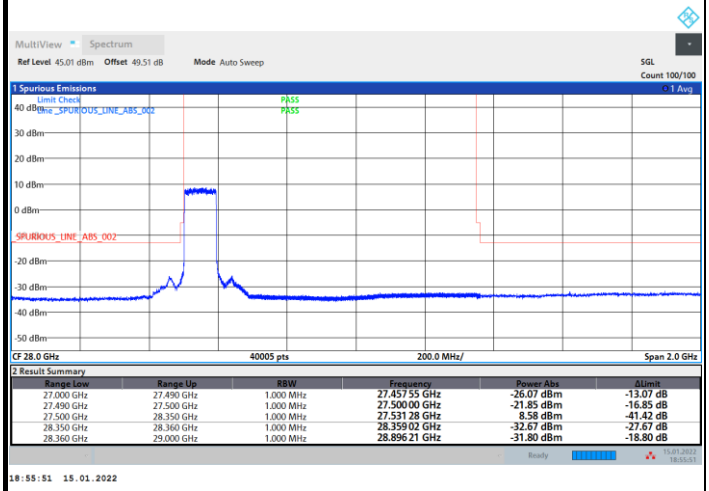
Highest Band Edge / Full RB



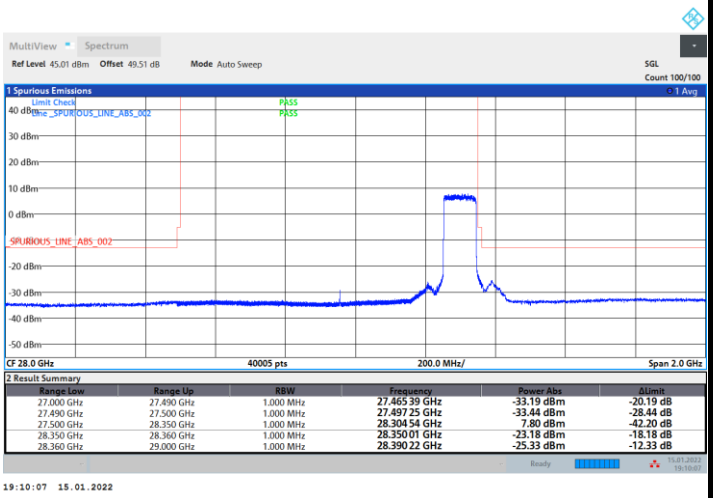
DFT-s-OFDM Module 1

NR Band n261 / 100MHz / BPSK

Lowest Band Edge / Full RB

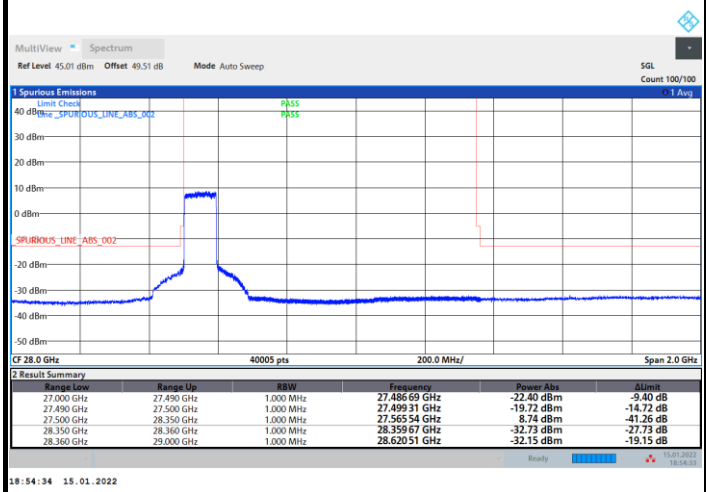


Highest Band Edge / Full RB

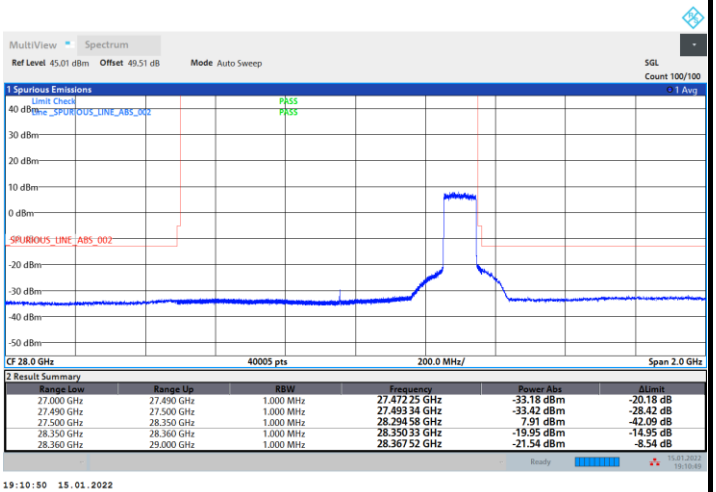


NR Band n261 / 100MHz / QPSK

Lowest Band Edge / Full RB



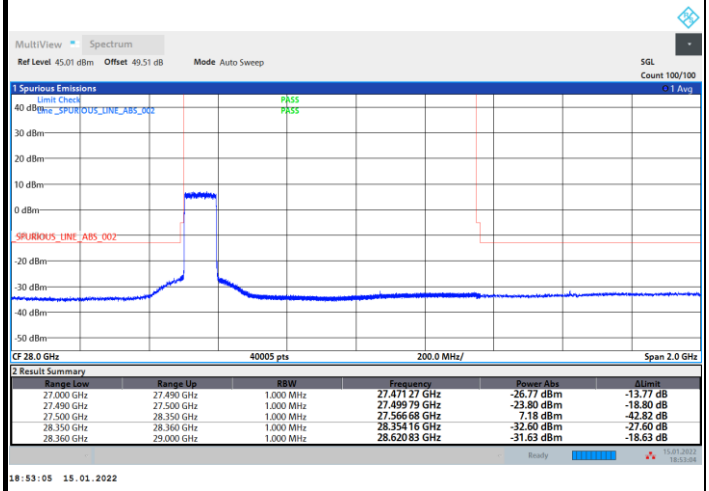
Highest Band Edge / Full RB



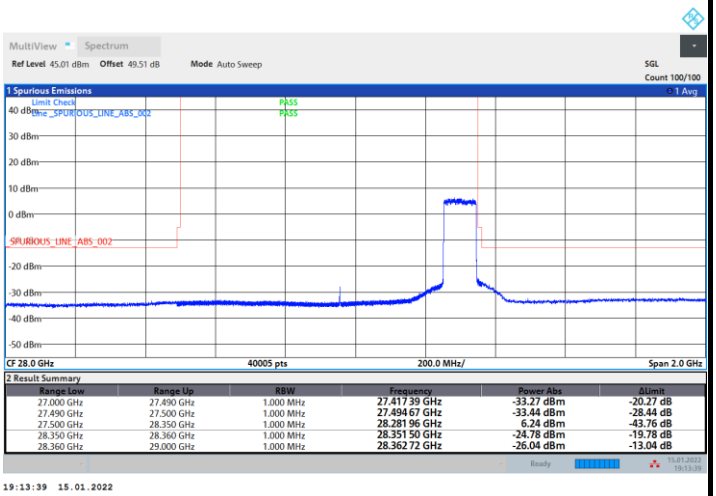
DFT-s-OFDM Module 1

NR Band n261 / 100MHz / 16QAM

Lowest Band Edge / Full RB

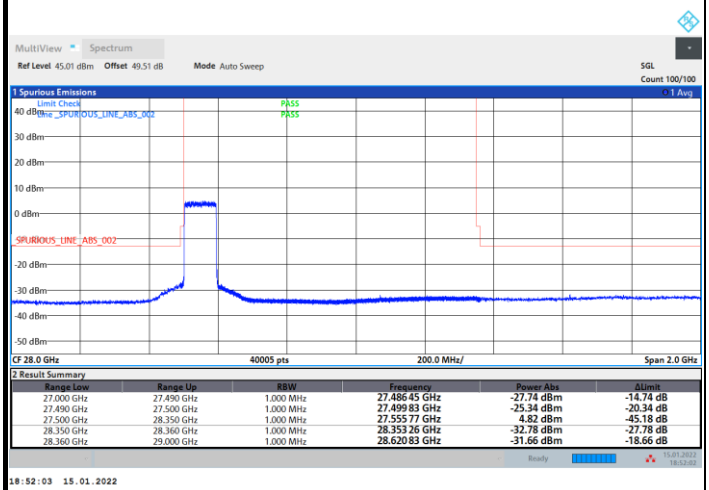


Highest Band Edge / Full RB

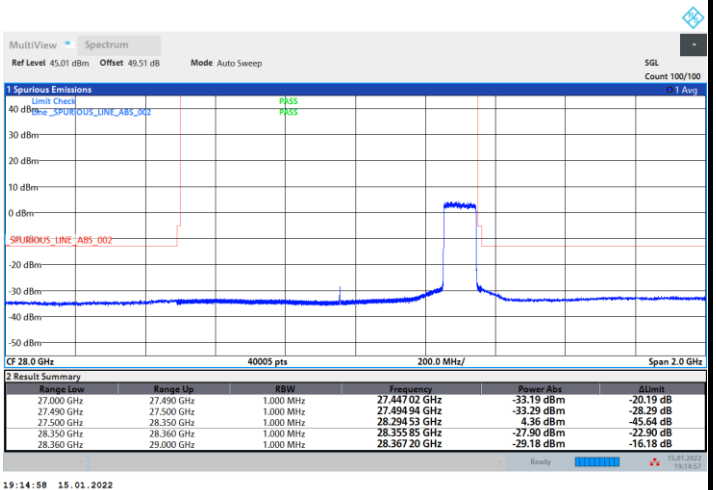


NR Band n261 / 100MHz / 64QAM

Lowest Band Edge / Full RB



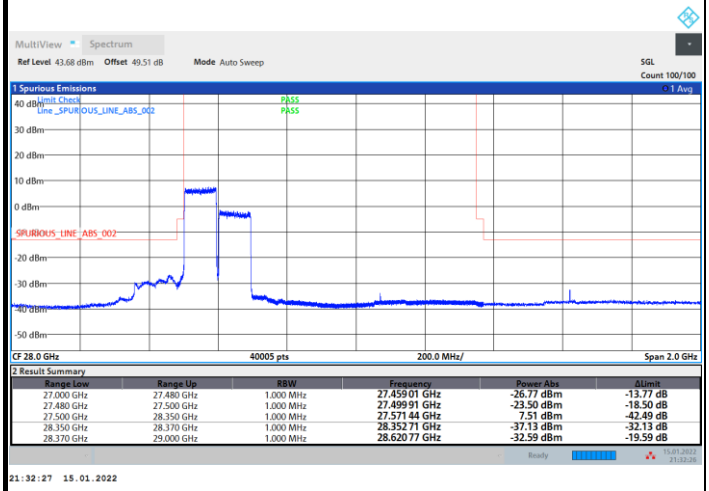
Highest Band Edge / Full RB



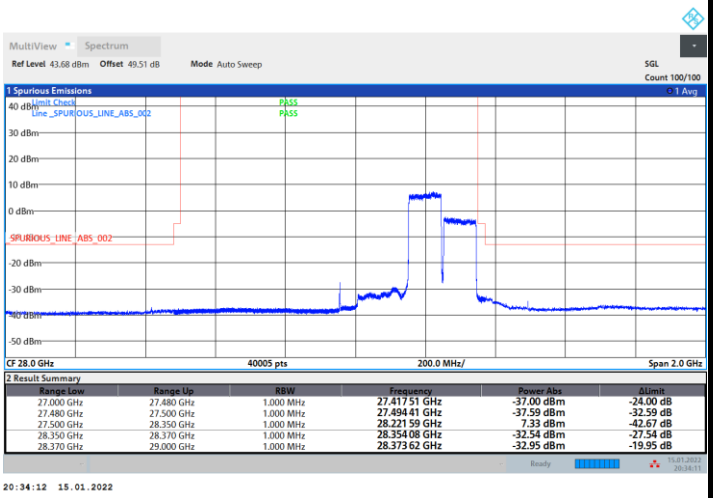
DFT-s-OFDM Module 1

NR Band n261 / 200MHz / BPSK

Lowest Band Edge / Full RB

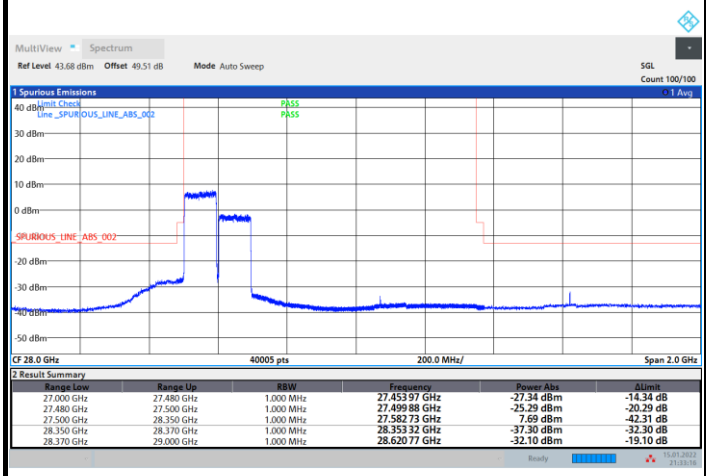
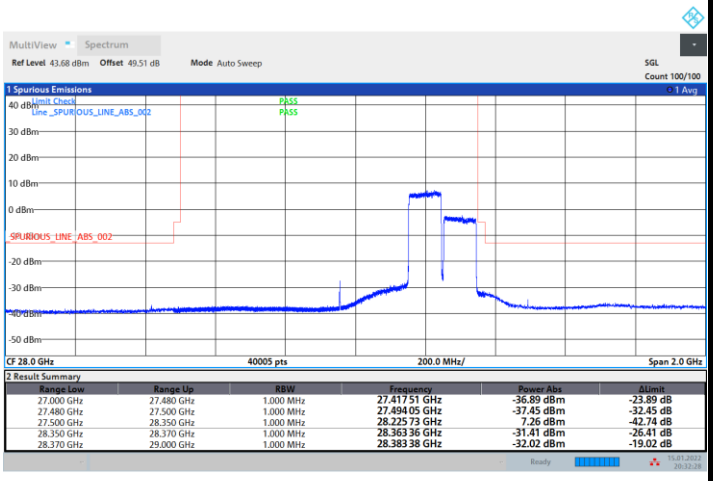


Highest Band Edge / Full RB



NR Band n261 / 200MHz / QPSK

Lowest Band Edge / Full RB



Highest Band Edge / Full RB