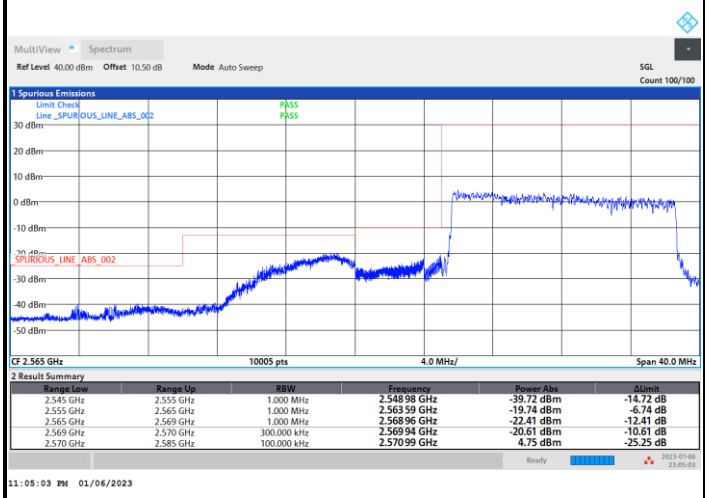
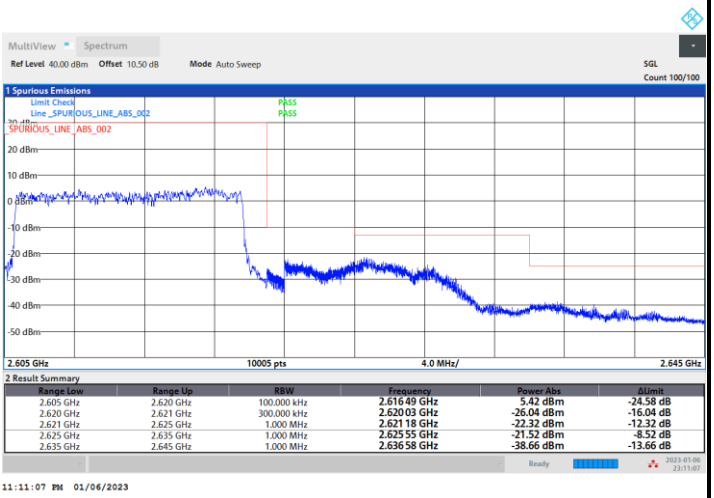
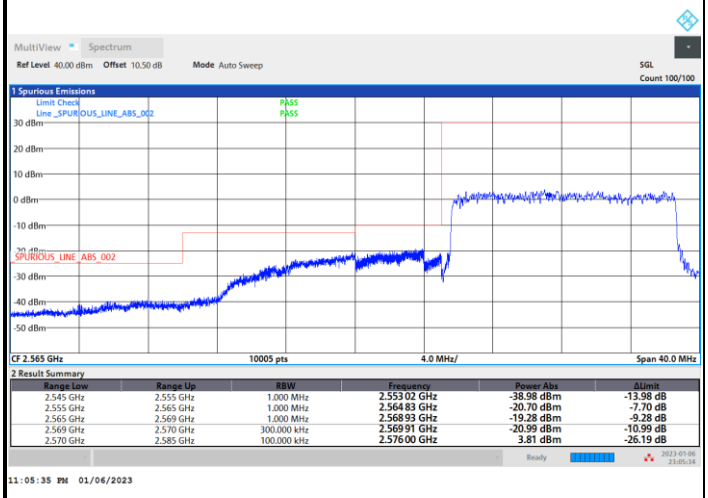
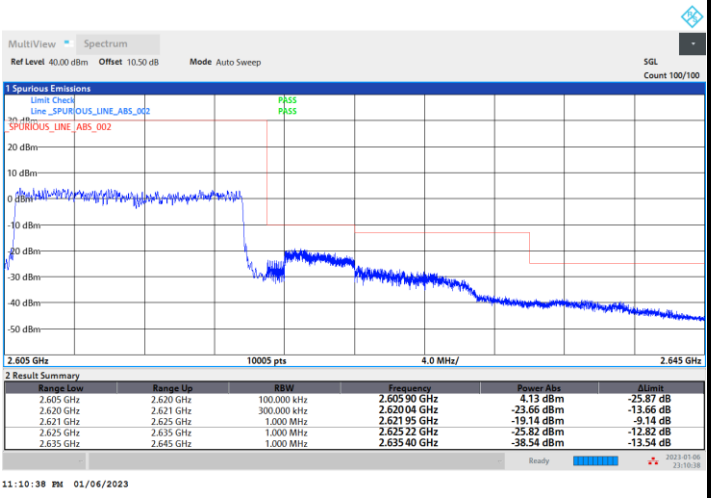
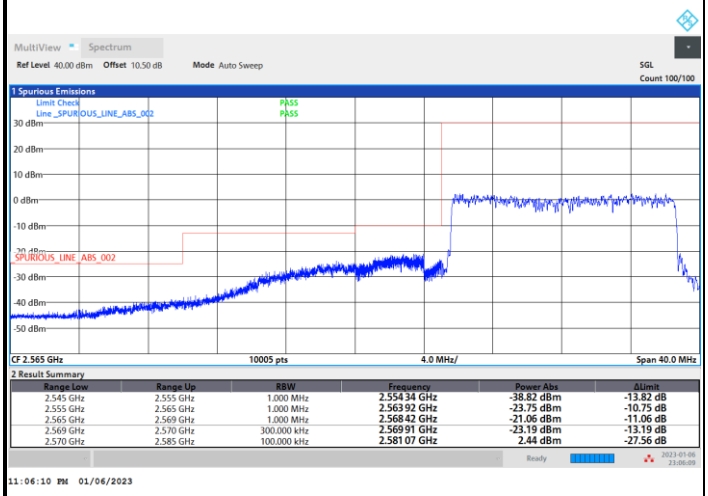
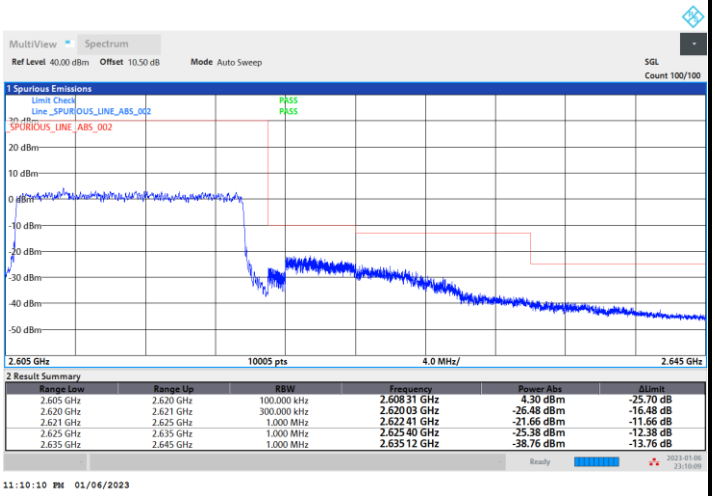
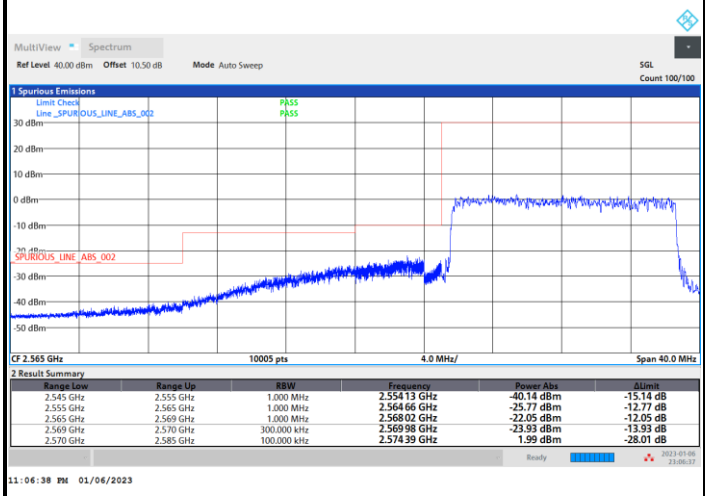
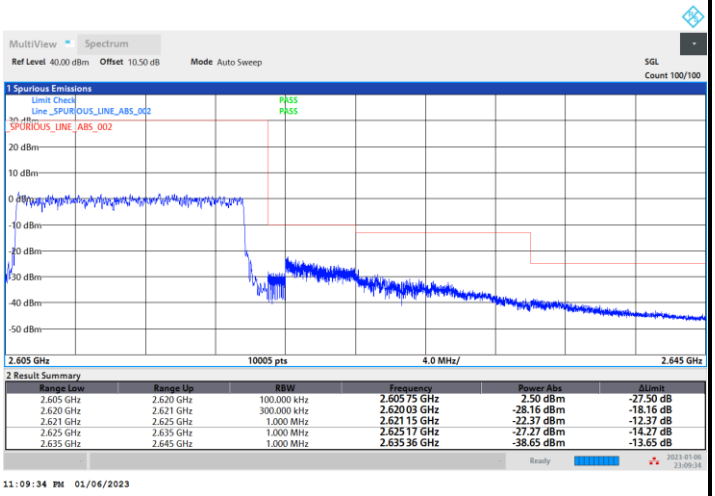
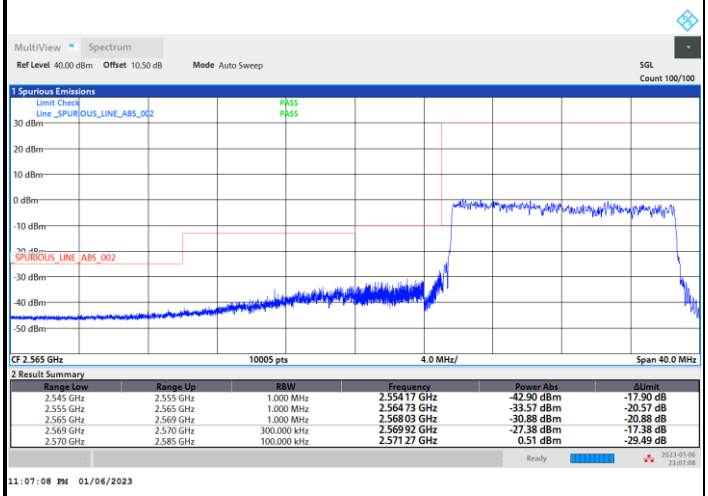
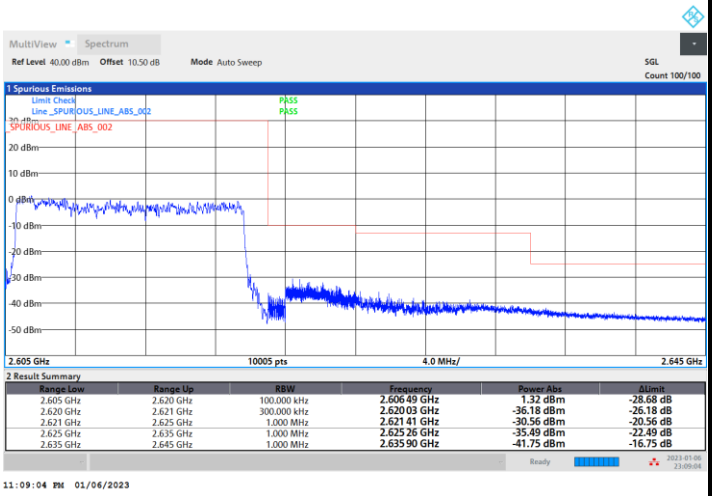
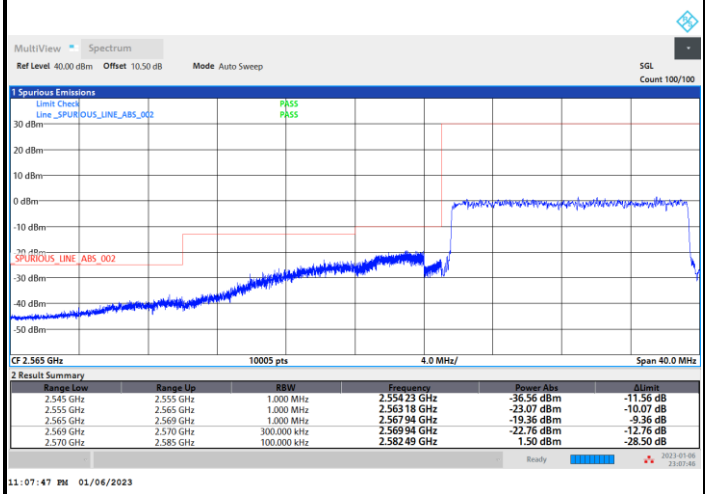
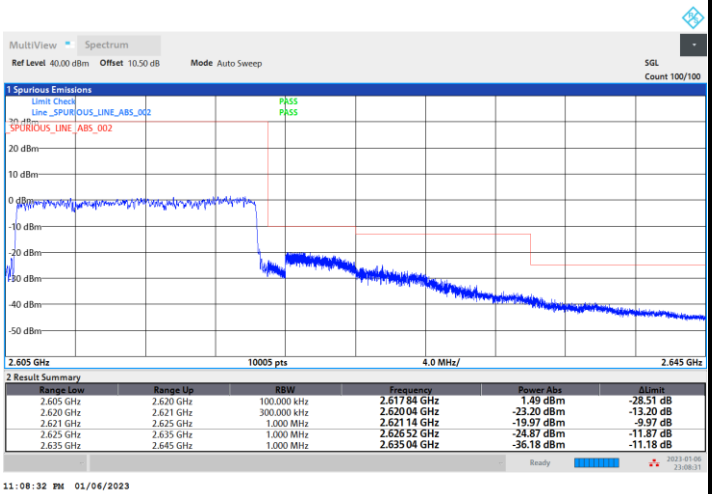
FR1 n38 / 15MHz / DFT-S OFDM / PI/2 BPSK	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

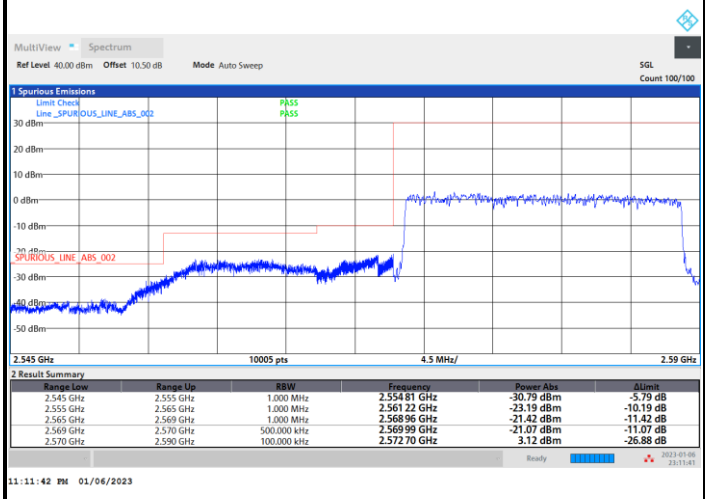
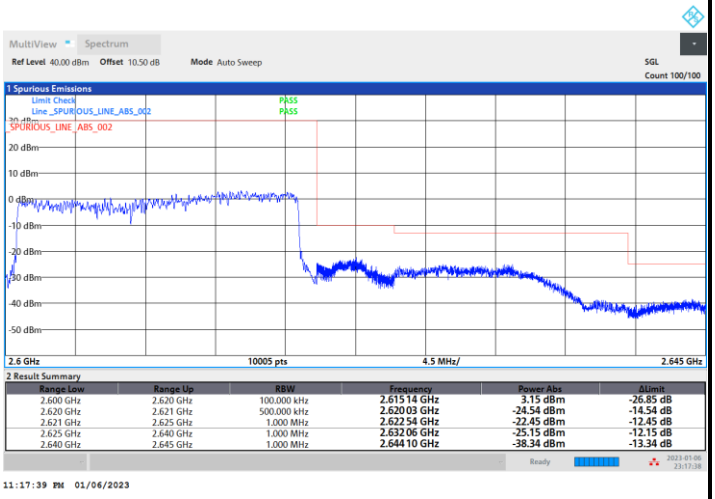
FR1 n38 / 15MHz / DFT-S OFDM / QPSK	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

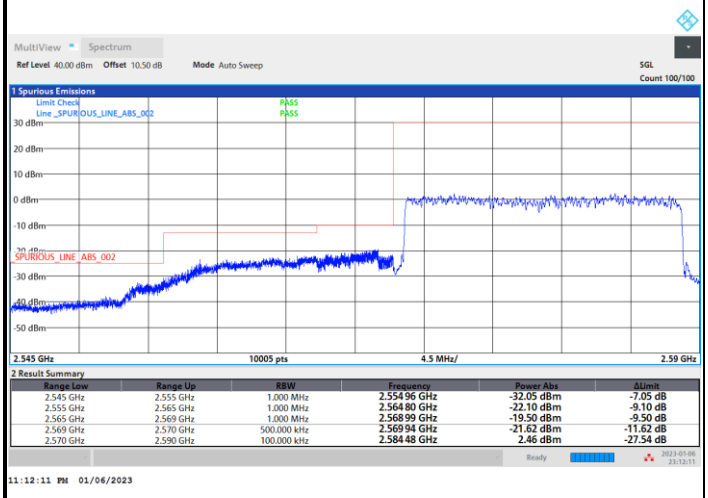
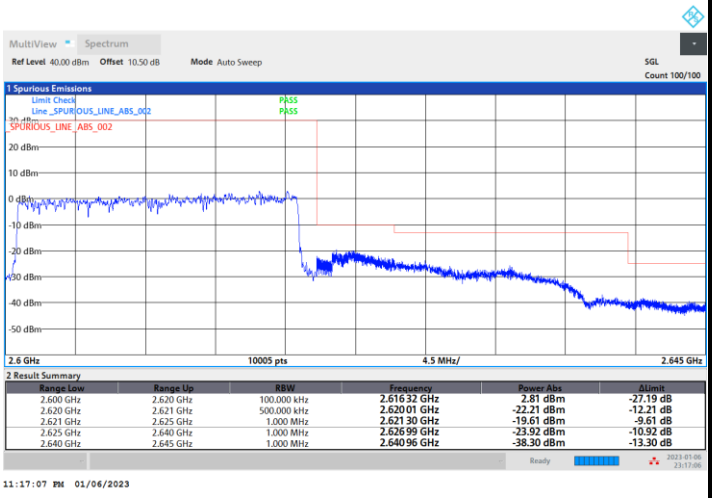
FR1 n38 / 15MHz / DFT-S OFDM / 16QAM	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

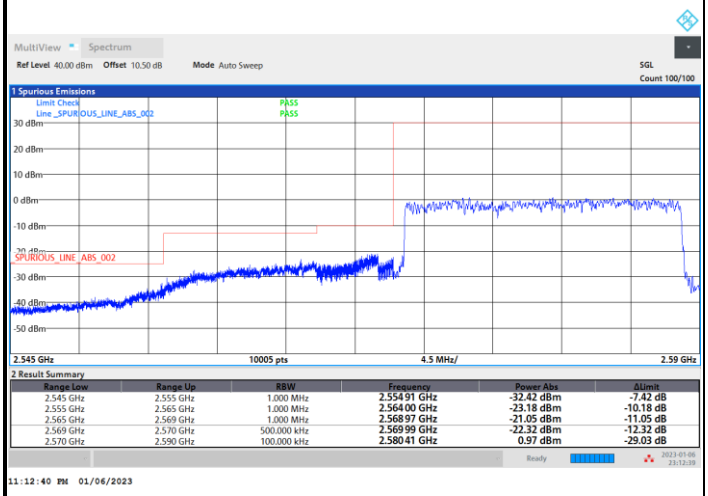
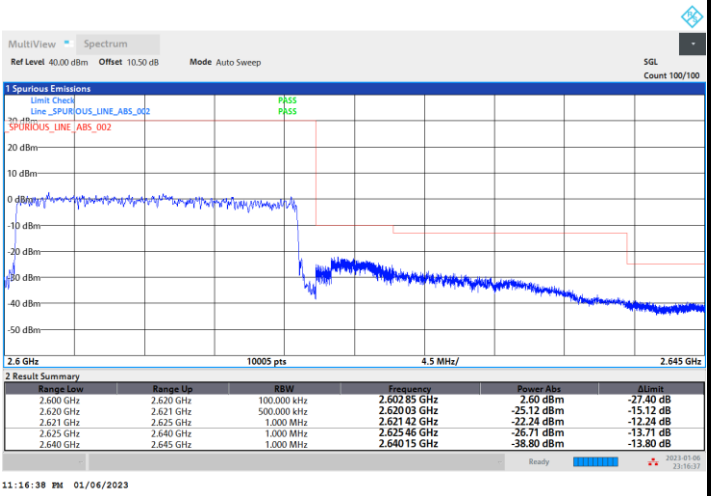
FR1 n38 / 15MHz / DFT-S OFDM / 64QAM	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

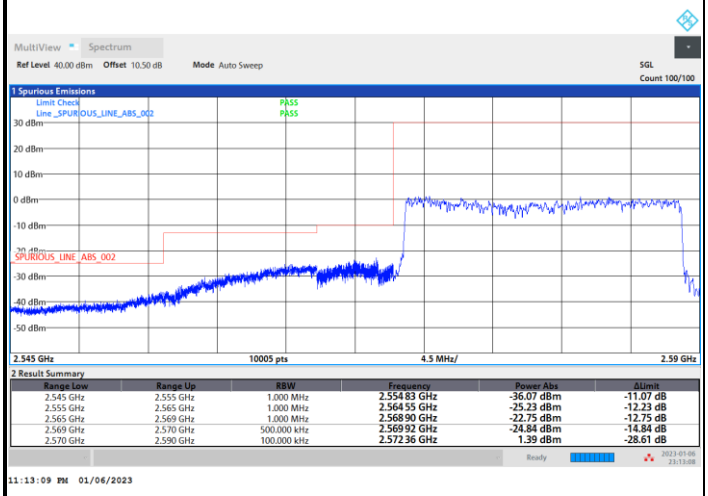
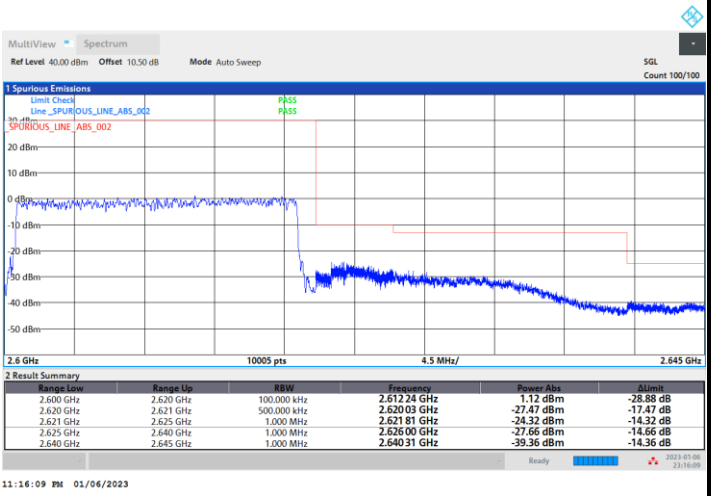
FR1 n38 / 15MHz / DFT-S OFDM / 256QAM	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

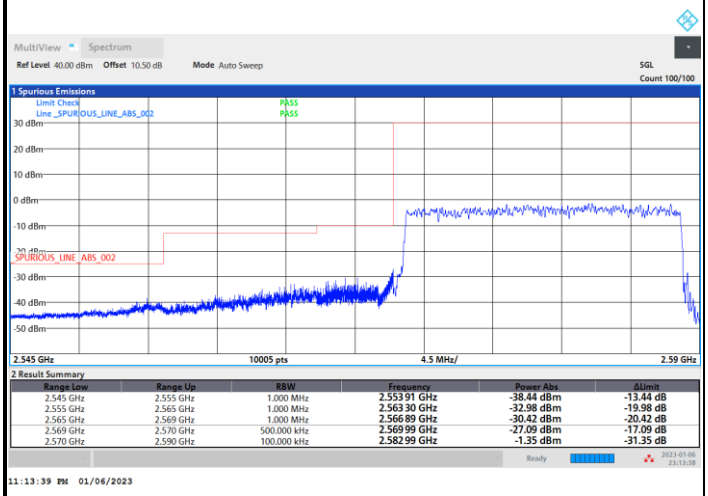
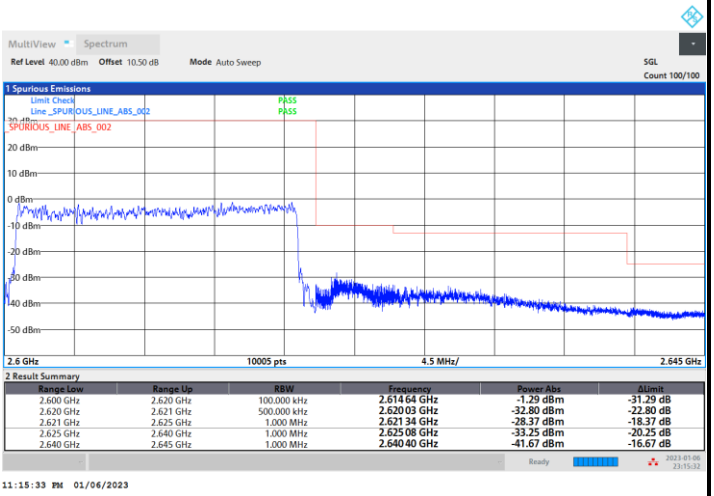
FR1 n38 / 15MHz / CP OFDM / QPSK / Full RB	
Lowest Band Edge	**Highest Band Edge**
	

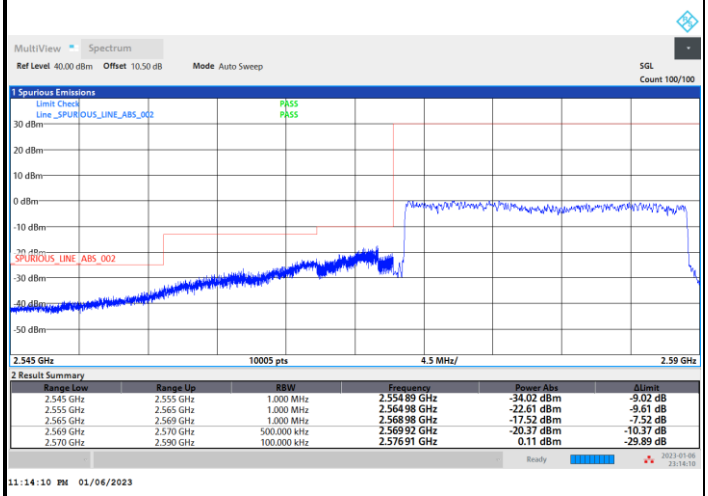
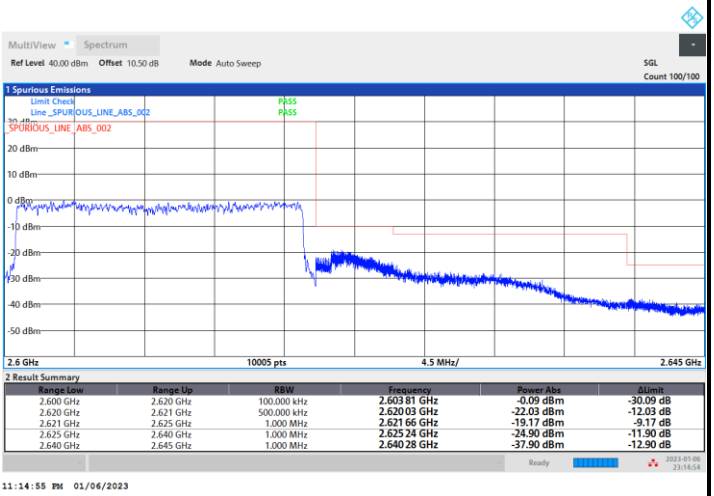
FR1 n38 / 20MHz / DFT-S OFDM / PI/2 BPSK	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

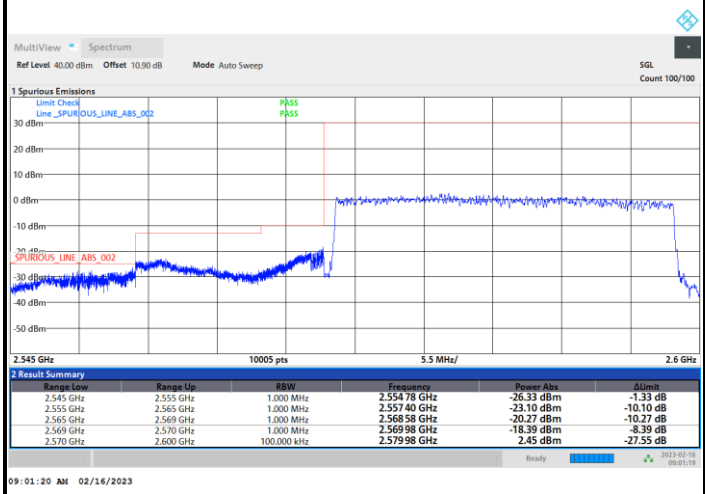
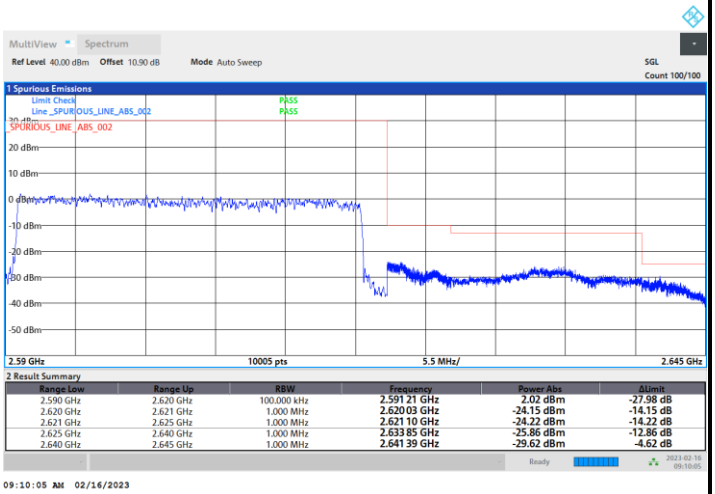
FR1 n38 / 20MHz / DFT-S OFDM / QPSK	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

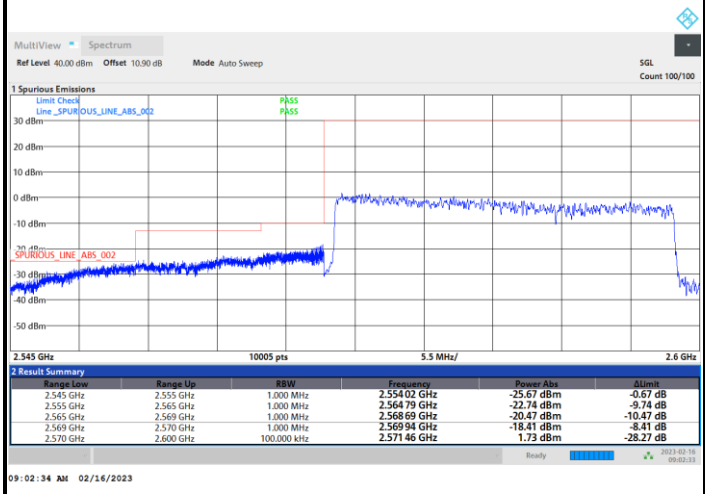
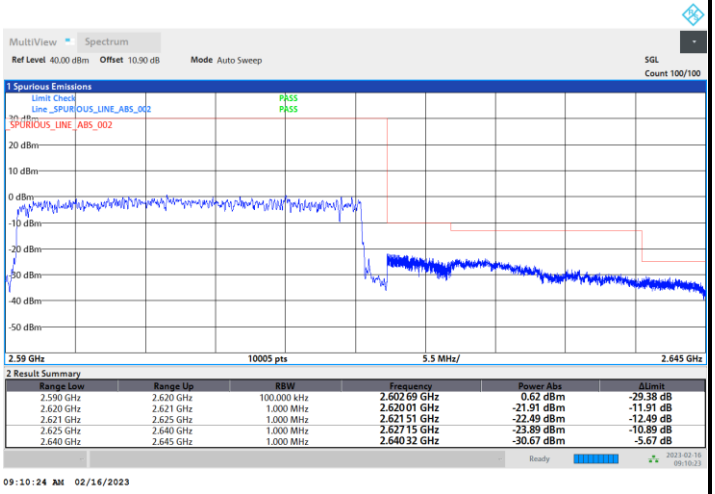
FR1 n38 / 20MHz / DFT-S OFDM / 16QAM	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

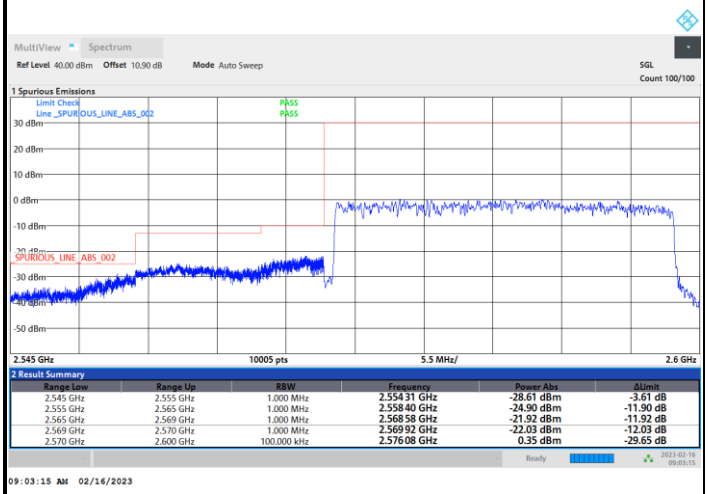
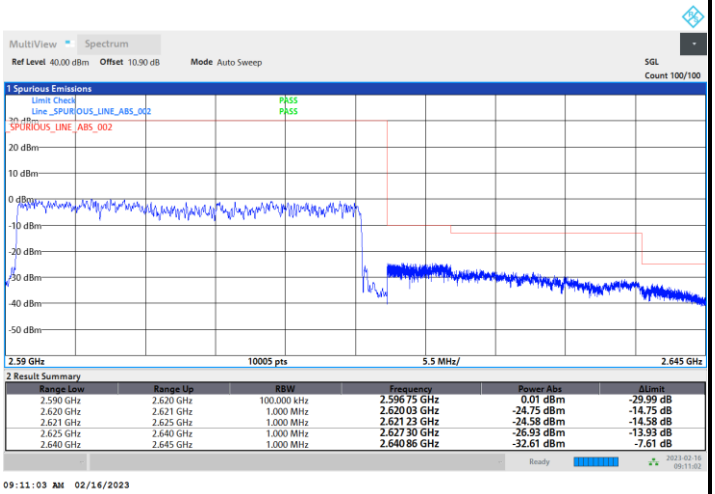
FR1 n38 / 20MHz / DFT-S OFDM / 64QAM	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

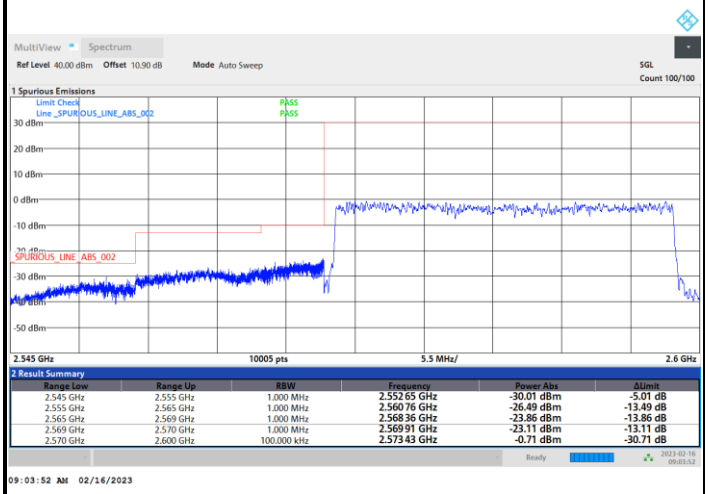
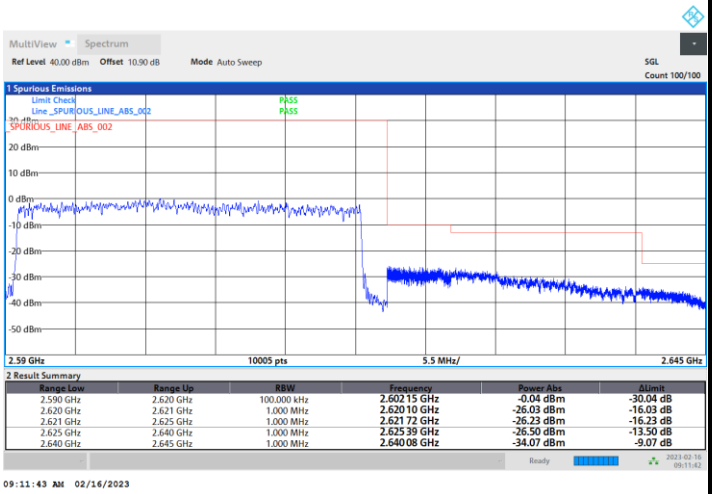
FR1 n38 / 20MHz / DFT-S OFDM / 256QAM	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

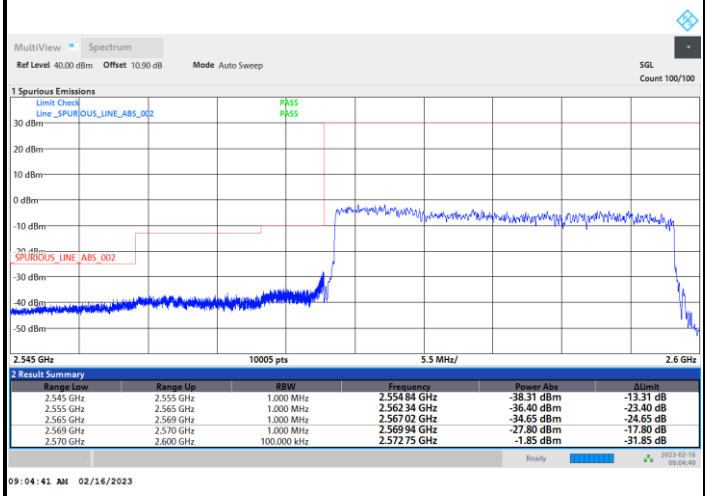
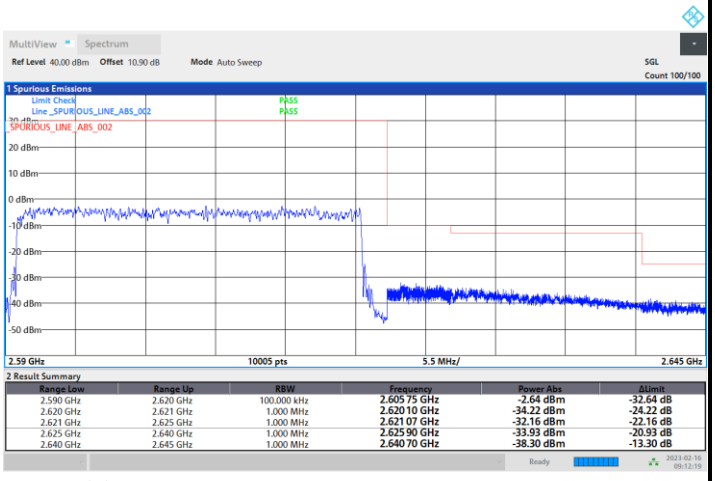
FR1 n38 / 20MHz / CP OFDM / QPSK / Full RB	
Lowest Band Edge	**Highest Band Edge**
	

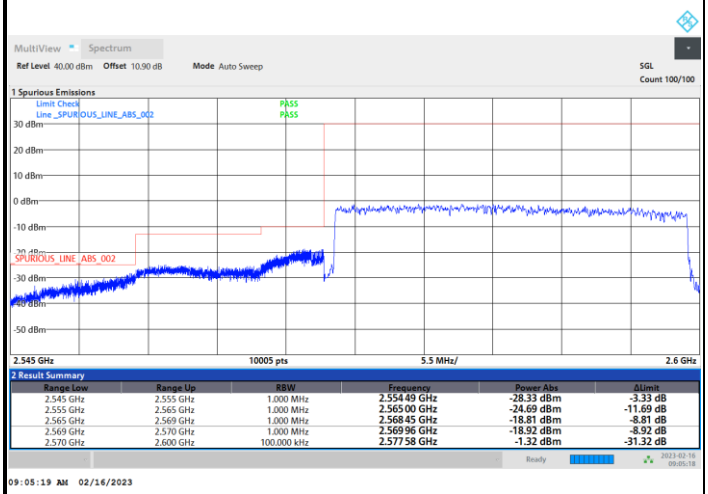
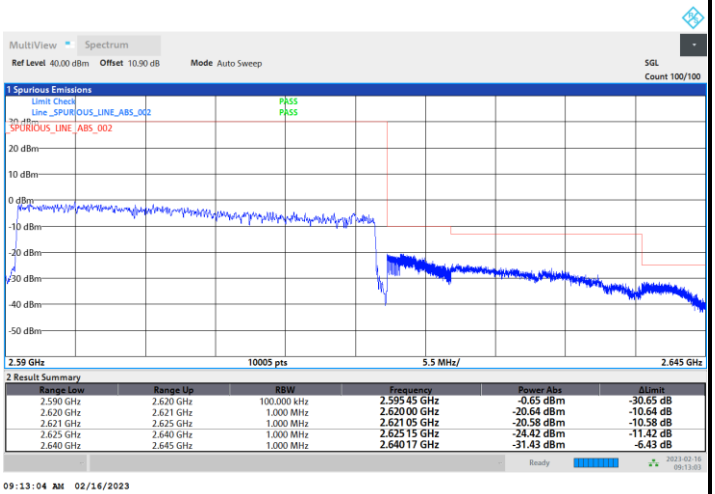
FR1 n38 / 30MHz / DFT-S OFDM / PI/2 BPSK	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

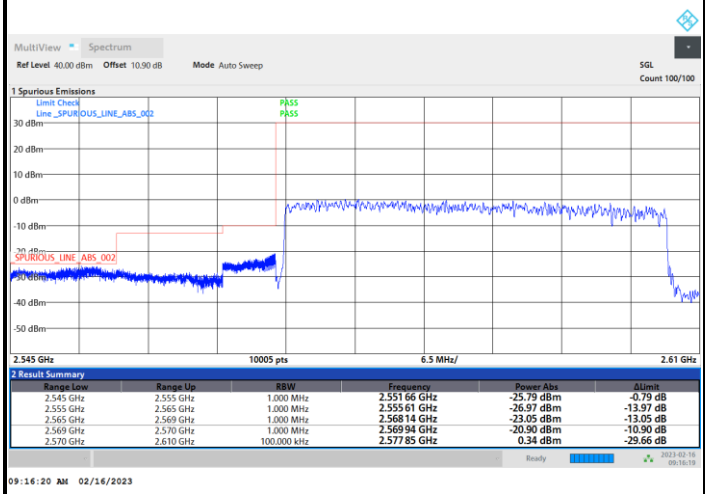
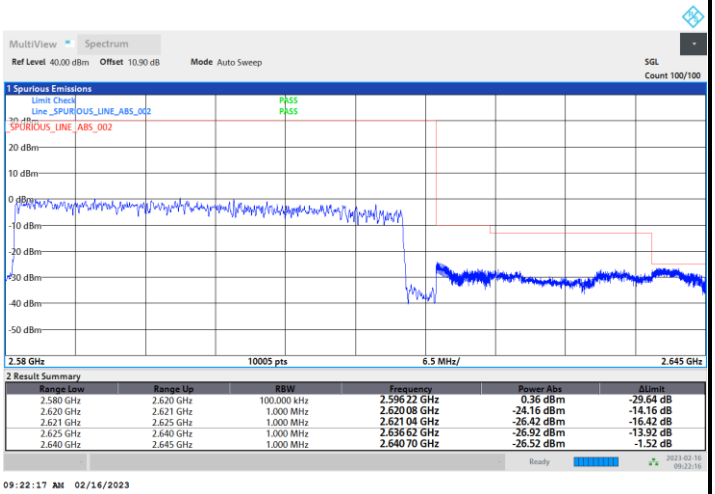
FR1 n38 / 30MHz / DFT-S OFDM / QPSK	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

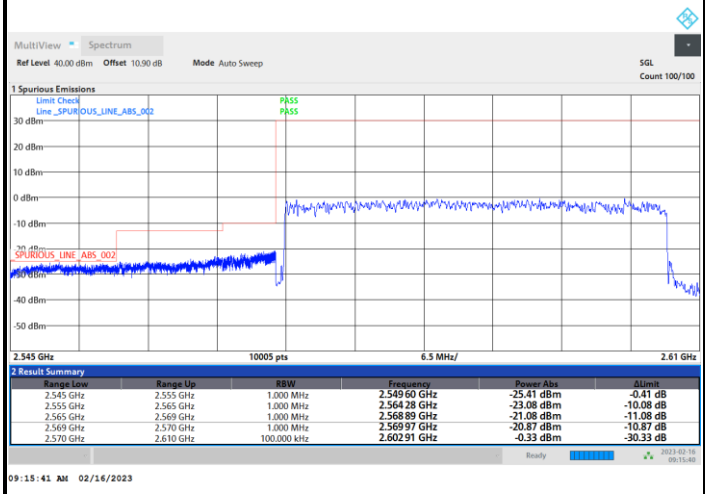
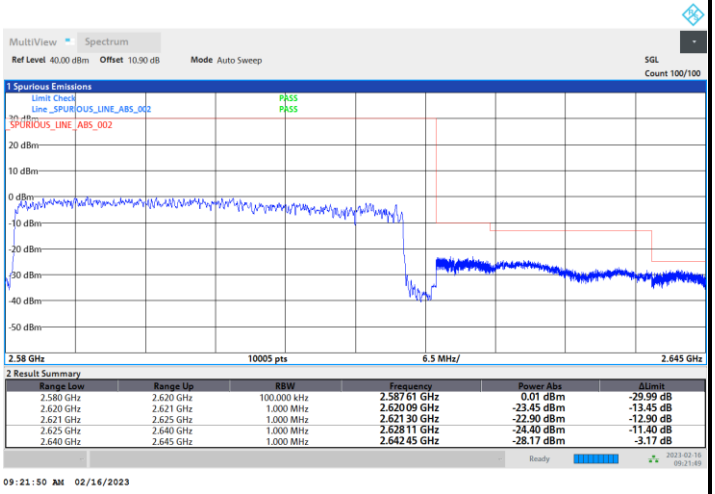
FR1 n38 / 30MHz / DFT-S OFDM / 16QAM	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

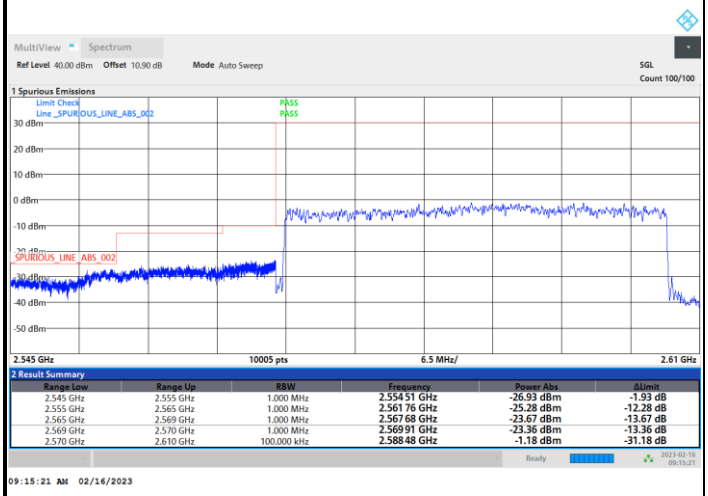
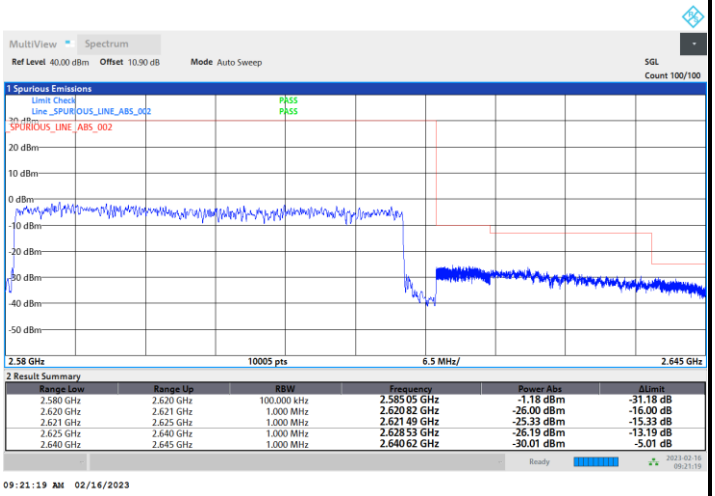
FR1 n38 / 30MHz / DFT-S OFDM / 64QAM	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

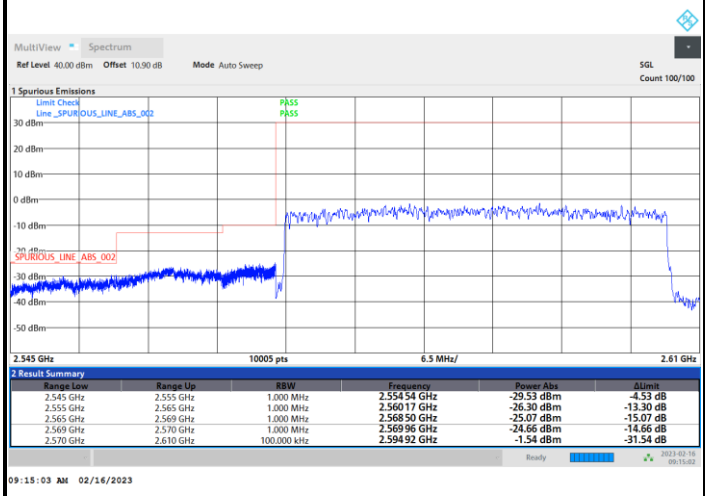
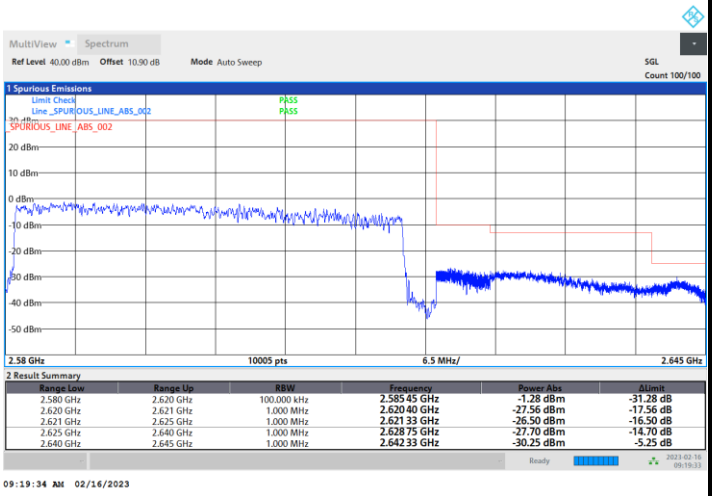
FR1 n38 / 30MHz / DFT-S OFDM / 256QAM	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

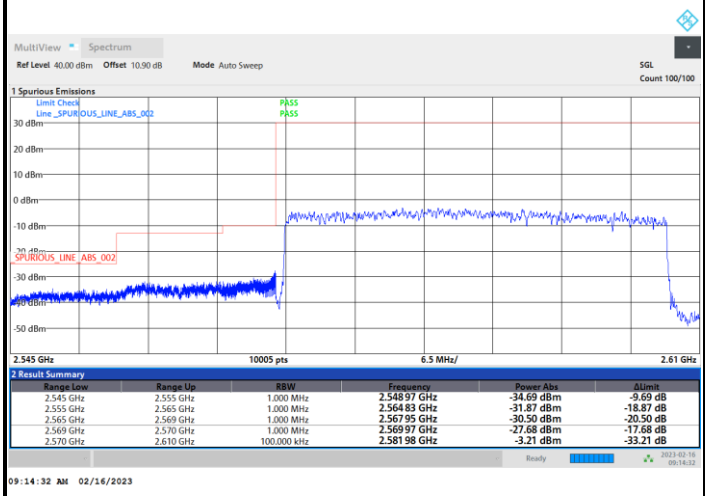
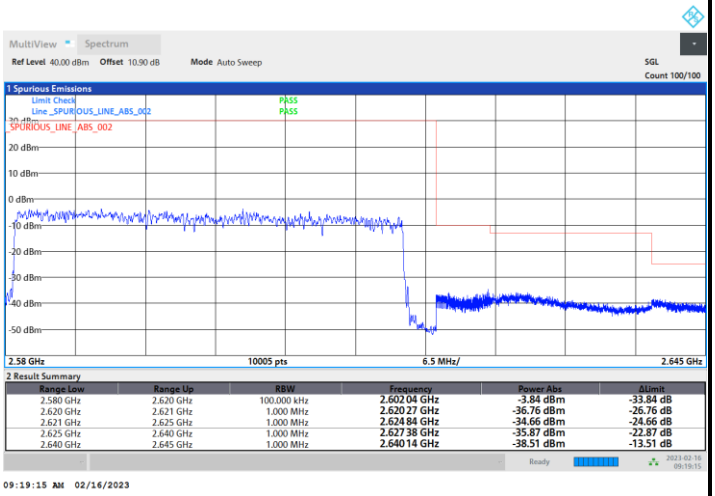
FR1 n38 / 30MHz / CP OFDM / QPSK / Full RB	
Lowest Band Edge	**Highest Band Edge**
	

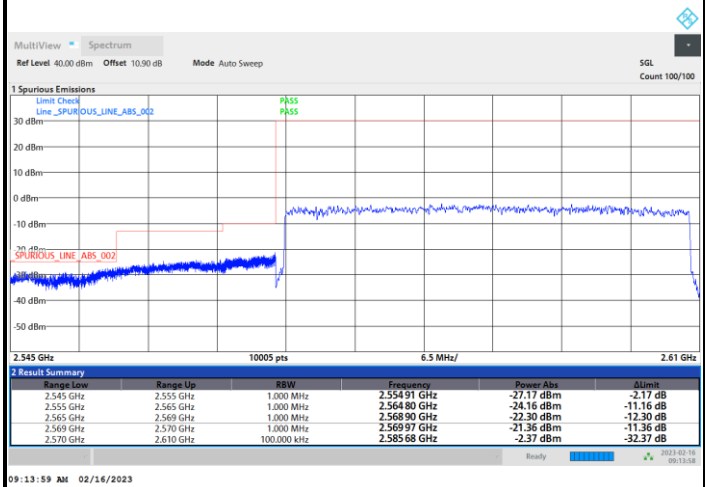
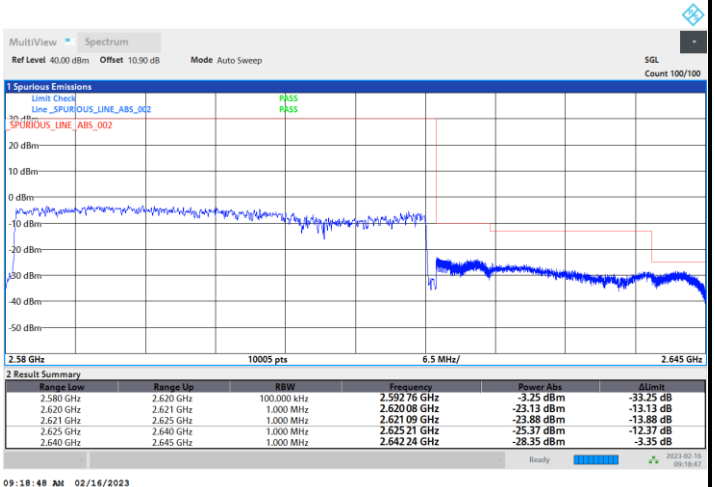
FR1 n38 / 40MHz / DFT-S OFDM / PI/2 BPSK	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

FR1 n38 / 40MHz / DFT-S OFDM / QPSK	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

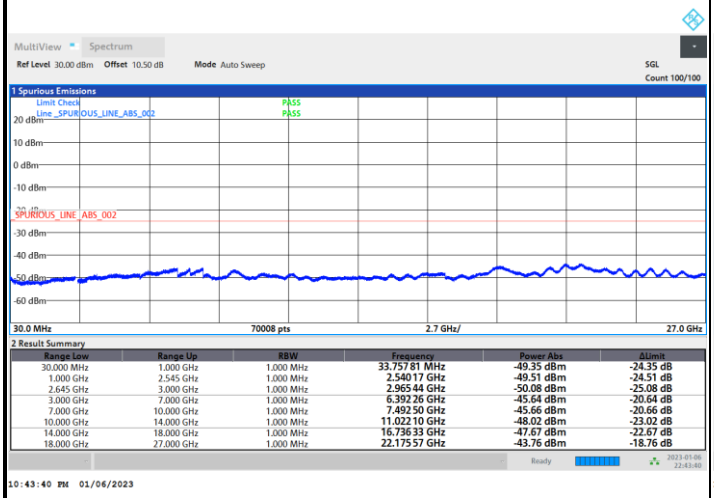
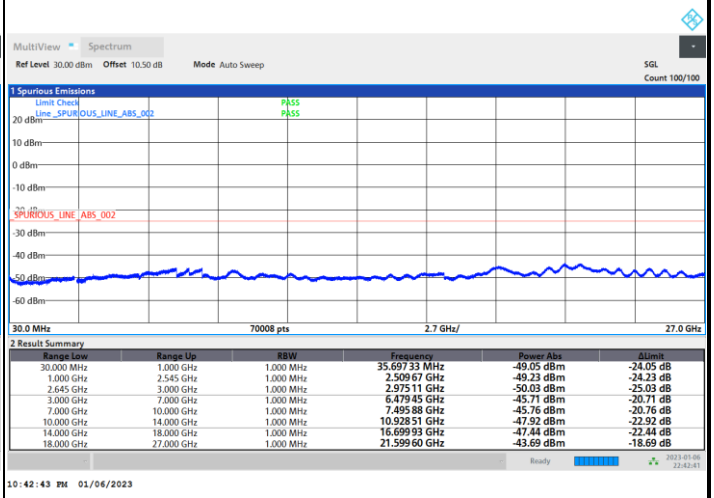
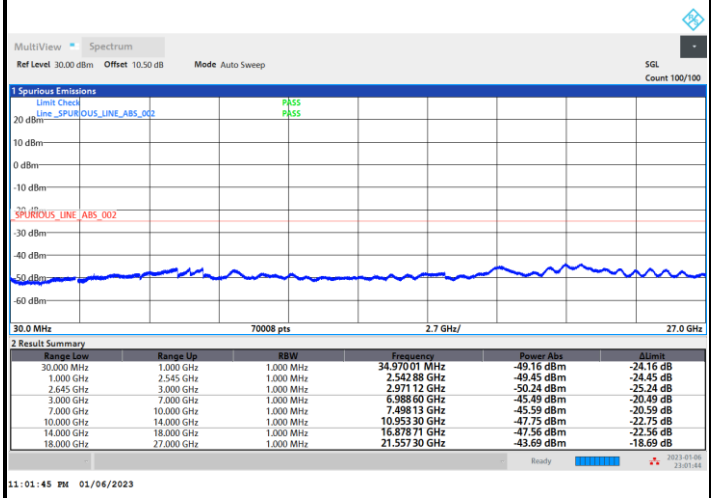
FR1 n38 / 40MHz / DFT-S OFDM / 16QAM	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

FR1 n38 / 40MHz / DFT-S OFDM / 64QAM	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

FR1 n38 / 40MHz / DFT-S OFDM / 256QAM	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

FR1 n38 / 40MHz / CP OFDM / QPSK / Full RB	
Lowest Band Edge	**Highest Band Edge**
	

Conducted Spurious Emission

FR1 n38 / 10MHz / DFT-S OFDM / QPSK / 1RB1	
Lowest Channel	**Middle Channel**
	
Highest Channel	
	

Frequency Stability

Test Conditions		FR1 n38 (BPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0040	PASS
40	Normal Voltage	0.0032	
30	Normal Voltage	0.0016	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0019	
0	Normal Voltage	0.0037	
-10	Normal Voltage	0.0025	
-20	Normal Voltage	0.0023	
-30	Normal Voltage	0.0018	
20	Maximum Voltage	0.0029	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0037	

Note:

1. Normal Voltage = 3.85 V.；Battery End Point (BEP) = 3.40 V.；Maximum Voltage = 4.40 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

Appendix B. Test Results of Radiated Test

<Ant. 2>

5G NR n7

5G NR n7 / 20MHz / PI/2 BPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5003	-51.22	-25	-26.22	-72.81	-62.47	1.35	12.60	H
	7504	-43.68	-25	-18.68	-72.69	-52.98	1.92	11.22	H
	10005	-37.01	-25	-12.01	-71.85	-45.82	2.29	11.10	H
									H
	5003	-49.03	-25	-24.03	-71.1	-60.28	1.35	12.60	V
	7504	-43.95	-25	-18.95	-73.09	-53.25	1.92	11.22	V
	10005	-39.51	-25	-14.51	-72.19	-48.32	2.29	11.10	V
									V
Middle	5053	-51.32	-25	-26.32	-73.02	-62.62	1.33	12.63	H
	7579	-44.36	-25	-19.36	-73.32	-53.98	1.90	11.52	H
	10105	-38.03	-25	-13.03	-72.19	-46.79	2.28	11.04	H
									H
	5053	-50.41	-25	-25.41	-72.72	-61.71	1.33	12.63	V
	7579	-43.73	-25	-18.73	-72.86	-53.35	1.90	11.52	V
	10105	-39.18	-25	-14.18	-72.15	-47.94	2.28	11.04	V
									V
Highest	5103	-50.38	-25	-25.38	-72.19	-61.72	1.31	12.65	H
	7654	-43.67	-25	-18.67	-72.7	-53.41	1.89	11.63	H
	10205	-38.32	-25	-13.32	-72.61	-47.02	2.27	10.98	H
									H
	5103	-49.23	-25	-24.23	-71.78	-60.57	1.31	12.65	V
	7654	-43.11	-25	-18.11	-72.35	-52.85	1.89	11.63	V
	10205	-39.08	-25	-14.08	-72.34	-47.78	2.27	10.98	V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

<Ant. 1 + Ant. 2>

EN-DC 2A-n7A

EN-DC 2A-n7A / 20MHz / PI/2 BPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5053	-46.99	-25	-21.99	-68.69	-58.29	1.33	12.63	H
	7579	-41.66	-25	-16.66	-70.62	-51.28	1.90	11.52	H
	10105	-36.37	-25	-11.37	-70.53	-45.13	2.28	11.04	H
									H
									H
									H
									H
	5053	-47.28	-25	-22.28	-69.59	-58.58	1.33	12.63	V
	7579	-41.27	-25	-16.27	-70.4	-50.89	1.90	11.52	V
	10105	-37.39	-25	-12.39	-70.36	-46.15	2.28	11.04	V
									V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

<Ant. 1 + Ant. 2>

EN-DC 5A-n7A

EN-DC 5A-n7A / 20MHz / PI/2 BPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5053	-48.04	-25	-23.04	-69.74	-59.34	1.33	12.63	H
	7579	-41.73	-25	-16.73	-70.69	-51.35	1.90	11.52	H
	10105	-36.29	-25	-11.29	-70.45	-45.05	2.28	11.04	H
									H
									H
									H
									H
	5053	-47.45	-25	-22.45	-69.76	-58.75	1.33	12.63	V
	7579	-41.61	-25	-16.61	-70.74	-51.23	1.90	11.52	V
	10105	-37.31	-25	-12.31	-70.28	-46.07	2.28	11.04	V
									V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

<Ant. 1 + Ant. 2>

EN-DC 12A-n7A

EN-DC 12A-n7A / 20MHz / PI/2 BPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5053	-47.92	-25	-22.92	-69.62	-59.22	1.33	12.63	H
	7579	-41.98	-25	-16.98	-70.94	-51.60	1.90	11.52	H
	10105	-36.10	-25	-11.10	-70.26	-44.86	2.28	11.04	H
									H
									H
									H
									H
	5053	-47.58	-25	-22.58	-69.89	-58.88	1.33	12.63	V
	7579	-41.76	-25	-16.76	-70.89	-51.38	1.90	11.52	V
	10105	-37.39	-25	-12.39	-70.36	-46.15	2.28	11.04	V
									V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

<Ant. 1 + Ant. 2>

EN-DC 13A-n7A

EN-DC 13A-n7A / 20MHz / PI/2 BPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5053	-47.43	-25	-22.43	-69.13	-58.73	1.33	12.63	H
	7579	-41.68	-25	-16.68	-70.64	-51.30	1.90	11.52	H
	10105	-35.87	-25	-10.87	-70.03	-44.63	2.28	11.04	H
									H
									H
									H
									H
	5053	-47.45	-25	-22.45	-69.76	-58.75	1.33	12.63	V
	7579	-41.67	-25	-16.67	-70.8	-51.29	1.90	11.52	V
	10105	-37.71	-25	-12.71	-70.68	-46.47	2.28	11.04	V
									V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

<Ant. 1 + Ant. 2>

EN-DC 66A-n7A

EN-DC 66A-n7A / 20MHz / PI/2 BPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5053	-46.15	-25	-21.15	-67.85	-57.45	1.33	12.63	H
	7579	-41.58	-25	-16.58	-70.54	-51.20	1.90	11.52	H
	10105	-36.50	-25	-11.50	-70.66	-45.26	2.28	11.04	H
									H
									H
									H
									H
	5053	-47.74	-25	-22.74	-70.05	-59.04	1.33	12.63	V
	7579	-41.61	-25	-16.61	-70.74	-51.23	1.90	11.52	V
	10105	-37.24	-25	-12.24	-70.21	-46.00	2.28	11.04	V
									V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

<Ant. 2 + Ant. 1>

EN-DC 4A-n38A

EN-DC 4A-n38A / 20MHz / PI/2 BPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5173	-48.37	-25	-23.37	-70.33	-59.77	1.29	12.69	H
	7759	-41.60	-25	-16.60	-70.78	-51.40	1.88	11.68	H
	10345	-36.26	-25	-11.26	-70.73	-44.89	2.26	10.89	H
									H
									H
									H
									H
	5173	-47.69	-25	-22.69	-70.57	-59.09	1.29	12.69	V
	7759	-41.25	-25	-16.25	-70.7	-51.05	1.88	11.68	V
	10345	-36.65	-25	-11.65	-70.31	-45.28	2.26	10.89	V
									V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

<Ant. 2 + Ant. 1>

EN-DC 66A-n38A

EN-DC 66A-n38A / 20MHz / PI/2 BPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5173	-48.53	-25	-23.53	-70.49	-59.93	1.29	12.69	H
	7759	-41.52	-25	-16.52	-70.7	-51.32	1.88	11.68	H
	10345	-35.88	-25	-10.88	-70.35	-44.51	2.26	10.89	H
									H
									H
									H
									H
	5173	-47.62	-25	-22.62	-70.5	-59.02	1.29	12.69	V
	7759	-41.23	-25	-16.23	-70.68	-51.03	1.88	11.68	V
	10345	-36.88	-25	-11.88	-70.54	-45.51	2.26	10.89	V
									V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

<Ant. 1 + Ant. 2>

EN-DC 5A-n38A

EN-DC 5A-n38A / 20MHz / PI/2 BPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5173	-48.67	-25	-23.67	-70.63	-60.07	1.29	12.69	H
	7759	-41.14	-25	-16.14	-70.32	-50.94	1.88	11.68	H
	10345	-36.39	-25	-11.39	-70.86	-45.02	2.26	10.89	H
									H
									H
									H
									H
	5173	-45.31	-25	-20.31	-68.19	-56.71	1.29	12.69	V
	7759	-41.15	-25	-16.15	-70.6	-50.95	1.88	11.68	V
	10345	-37.24	-25	-12.24	-70.9	-45.87	2.26	10.89	V
									V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.