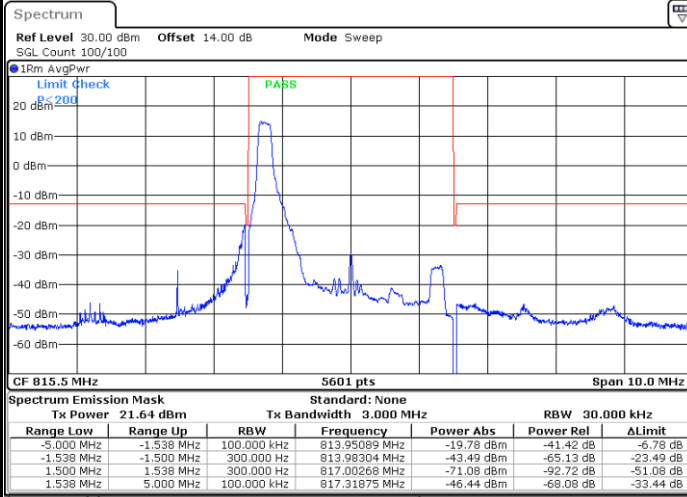




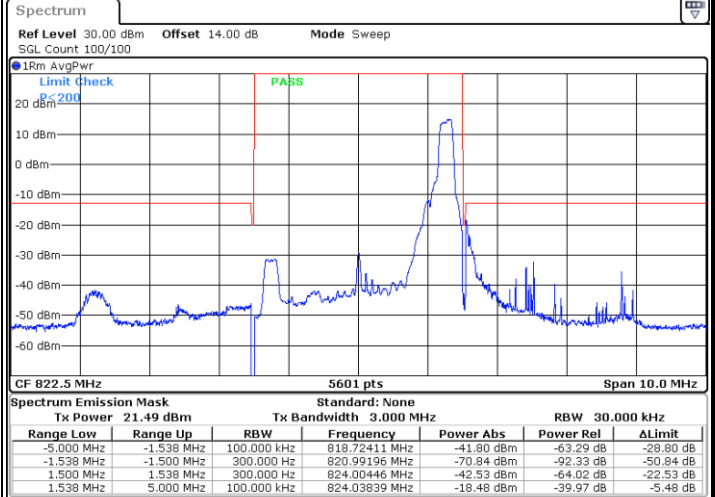
LTE Band 26 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



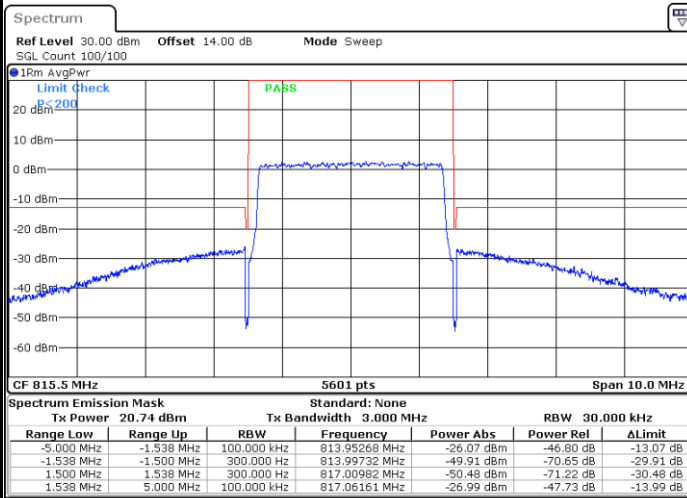
Date: 5.AUG.2023 15:29:27

Highest Band Edge / 1 RB



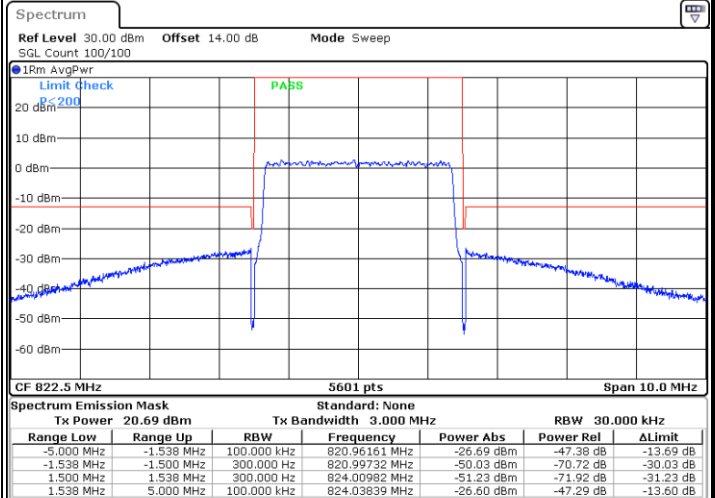
Date: 5.AUG.2023 15:36:59

Lowest Band Edge / Full RB



Date: 5.AUG.2023 15:30:07

Highest Band Edge / Full RB

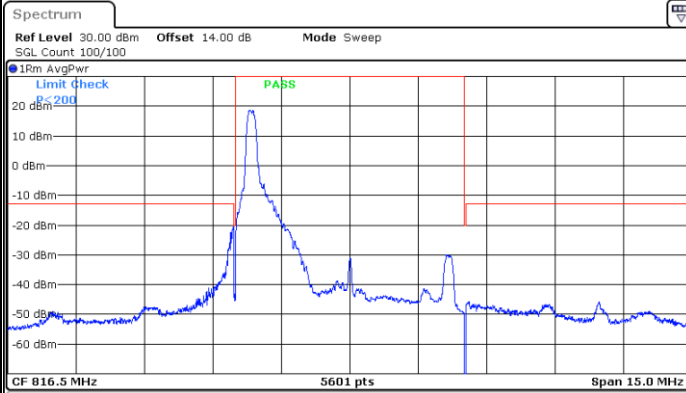


Date: 5.AUG.2023 15:37:38



LTE Band 26 / 5MHz / QPSK

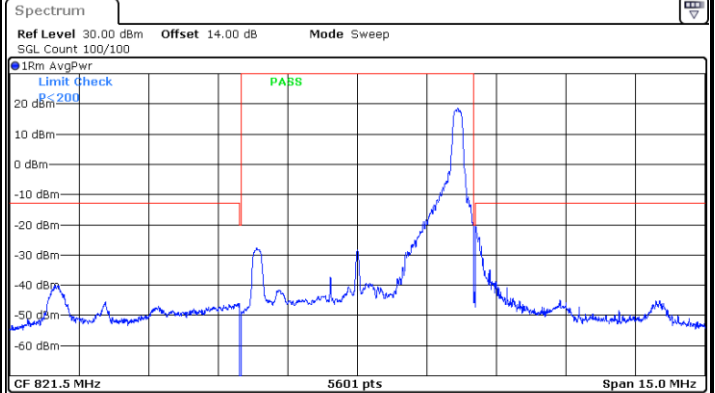
Lowest Band Edge / 1RB



Spectrum Emission Mask		Standard: None		Tx Power 22.97 dBm		Tx Bandwidth 5.000 MHz		RBW 50.000 kHz	
Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit			
-7.500 MHz	-2.538 MHz	100.000 kHz	813.95044 MHz	-19.75 dBm	-42.72 dB	-6.75 dB			
-2.538 MHz	-2.500 MHz	300.000 Hz	813.99063 MHz	-41.96 dBm	-64.93 dB	-21.96 dB			
2.500 MHz	2.538 MHz	300.000 Hz	819.01205 MHz	-70.70 dBm	-93.67 dB	-50.70 dB			
2.538 MHz	7.500 MHz	100.000 kHz	819.10851 MHz	-45.84 dBm	-68.81 dB	-32.84 dB			

Date: 5.AUG.2023 15:48:33

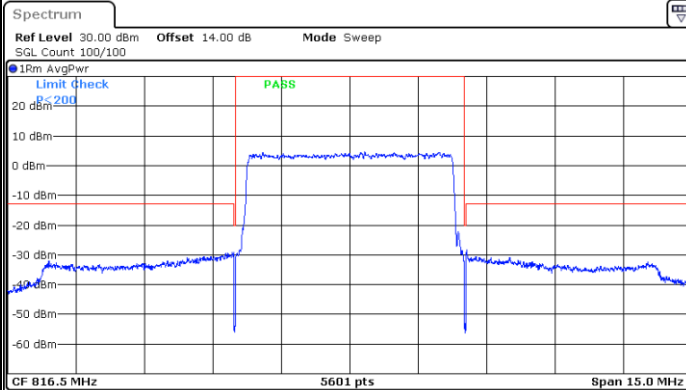
Highest Band Edge / 1RB



Spectrum Emission Mask		Standard: None		Tx Power 22.94 dBm		Tx Bandwidth 5.000 MHz		RBW 50.000 kHz	
Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit			
-7.500 MHz	-2.538 MHz	100.000 kHz	814.97937 MHz	-39.97 dBm	-62.91 dB	-26.97 dB			
-2.538 MHz	-2.500 MHz	300.000 Hz	818.99866 MHz	-70.51 dBm	-93.45 dB	-50.51 dB			
2.500 MHz	2.538 MHz	300.000 Hz	824.00402 MHz	-41.67 dBm	-64.61 dB	-21.67 dB			
2.538 MHz	7.500 MHz	100.000 kHz	824.04956 MHz	-19.72 dBm	-42.65 dB	-6.72 dB			

Date: 5.AUG.2023 15:56:05

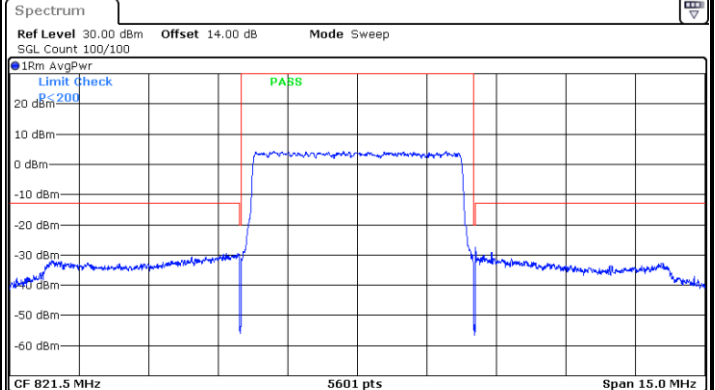
Lowest Band Edge / Full RB



Spectrum Emission Mask		Standard: None		Tx Power 22.50 dBm		Tx Bandwidth 5.000 MHz		RBW 50.000 kHz	
Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit			
-7.500 MHz	-2.538 MHz	100.000 kHz	813.91829 MHz	-29.12 dBm	-51.62 dB	-16.12 dB			
-2.538 MHz	-2.500 MHz	300.000 Hz	813.98527 MHz	-52.87 dBm	-75.37 dB	-32.87 dB			
2.500 MHz	2.538 MHz	300.000 Hz	819.00402 MHz	-52.45 dBm	-74.95 dB	-32.45 dB			
2.538 MHz	7.500 MHz	100.000 kHz	819.06296 MHz	-28.44 dBm	-50.95 dB	-15.44 dB			

Date: 5.AUG.2023 15:51:51

Highest Band Edge / Full RB



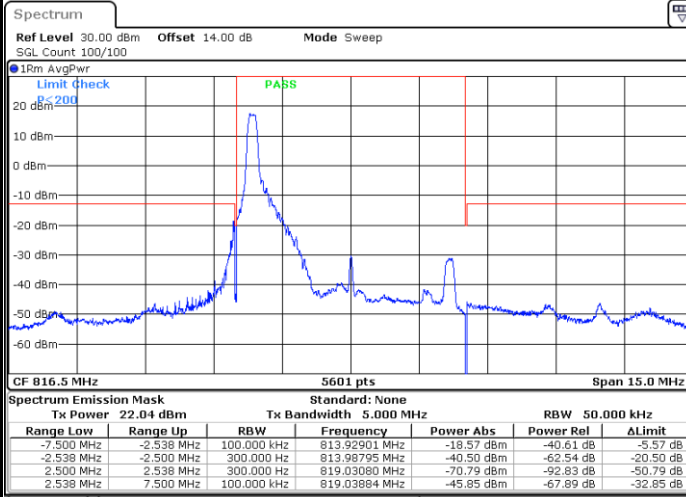
Spectrum Emission Mask		Standard: None		Tx Power 22.52 dBm		Tx Bandwidth 5.000 MHz		RBW 50.000 kHz	
Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit			
-7.500 MHz	-2.538 MHz	100.000 kHz	818.66909 MHz	-29.49 dBm	-52.00 dB	-16.49 dB			
-2.538 MHz	-2.500 MHz	300.000 Hz	819.98527 MHz	-52.86 dBm	-75.38 dB	-32.86 dB			
2.500 MHz	2.538 MHz	300.000 Hz	824.00402 MHz	-52.61 dBm	-75.13 dB	-32.61 dB			
2.538 MHz	7.500 MHz	100.000 kHz	824.04956 MHz	-27.51 dBm	-50.03 dB	-14.51 dB			

Date: 5.AUG.2023 15:59:24



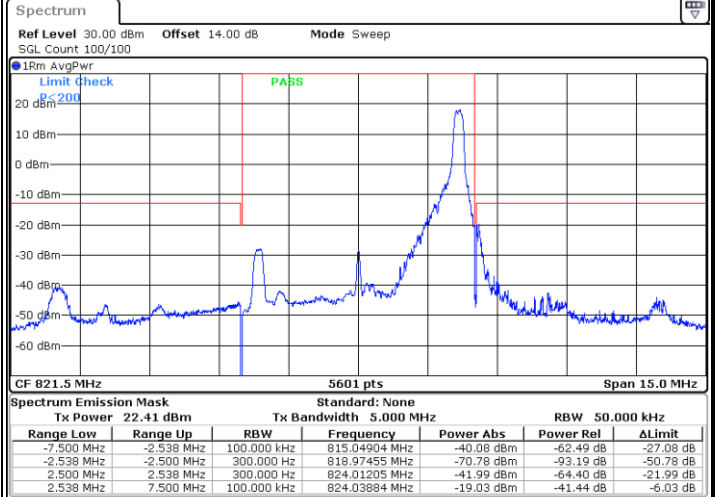
LTE Band 26 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



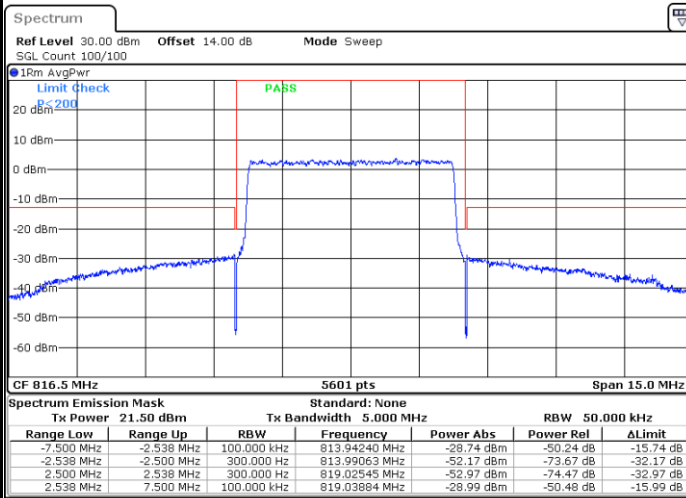
Date: 5.AUG.2023 15:49:13

Highest Band Edge / 1 RB



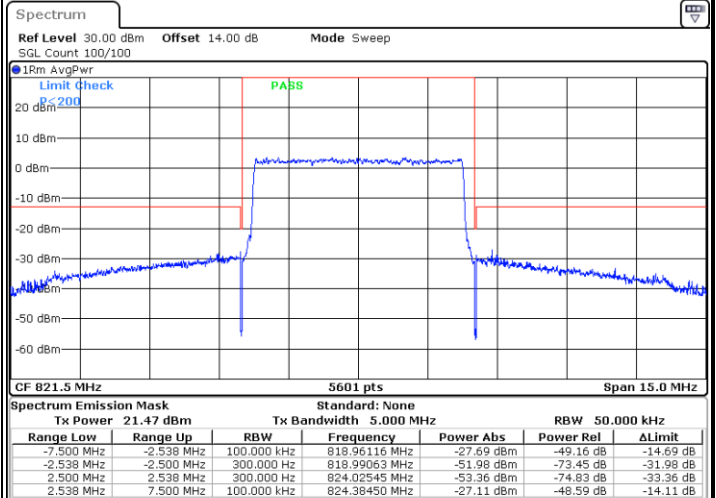
Date: 5.AUG.2023 15:56:45

Lowest Band Edge / Full RB



Date: 5.AUG.2023 15:51:12

Highest Band Edge / Full RB

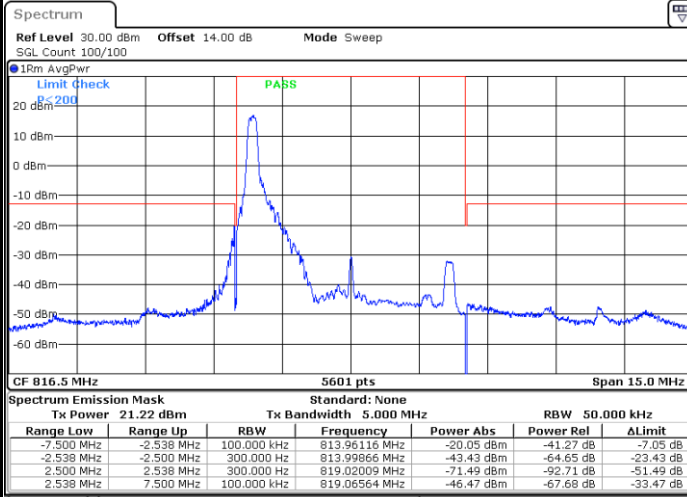


Date: 5.AUG.2023 15:58:45



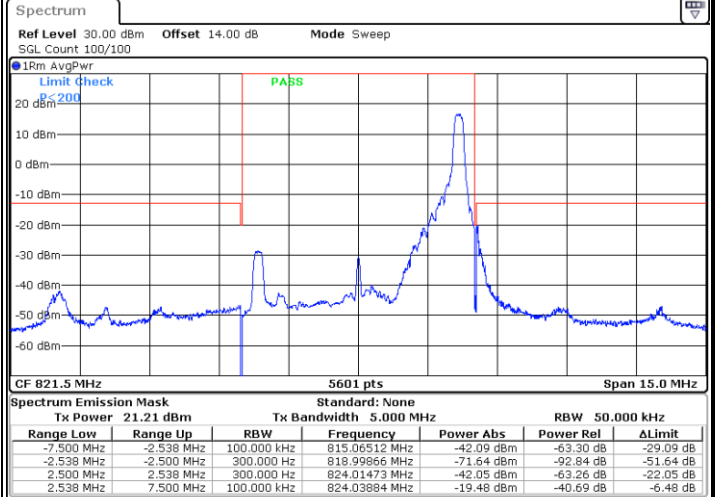
LTE Band 26 / 5MHz / 64QAM

Lowest Band Edge / 1 RB



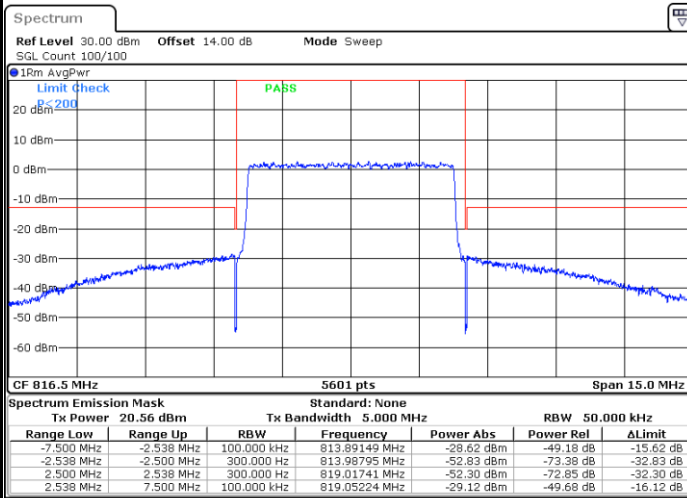
Date: 5.AUG.2023 15:49:53

Highest Band Edge / 1 RB



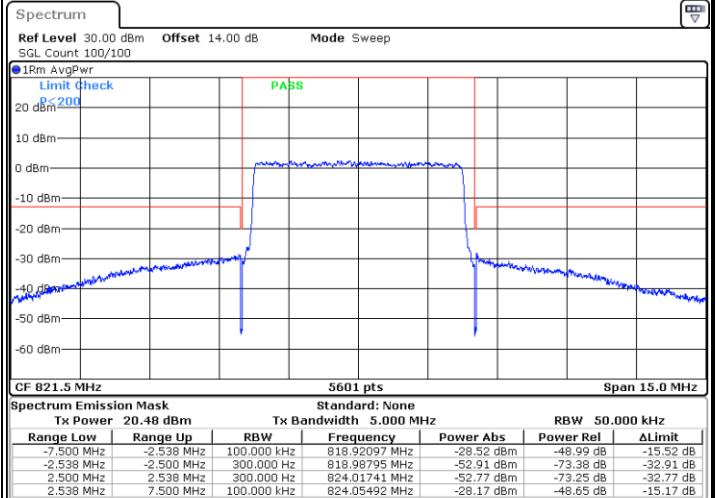
Date: 5.AUG.2023 15:57:25

Lowest Band Edge / Full RB



Date: 5.AUG.2023 15:50:32

Highest Band Edge / Full RB

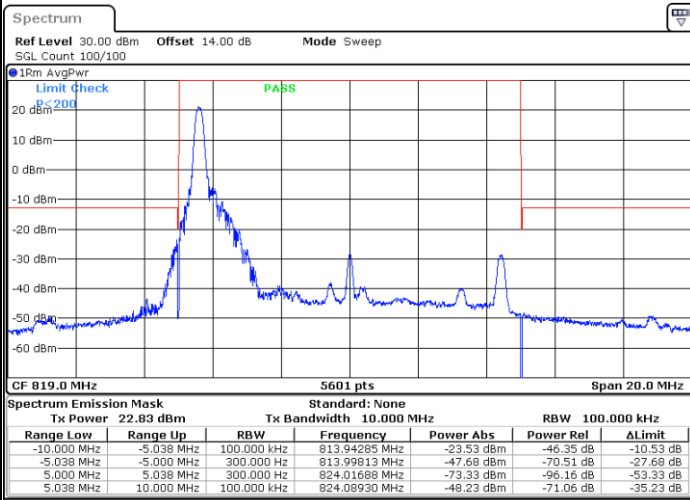


Date: 5.AUG.2023 15:58:05



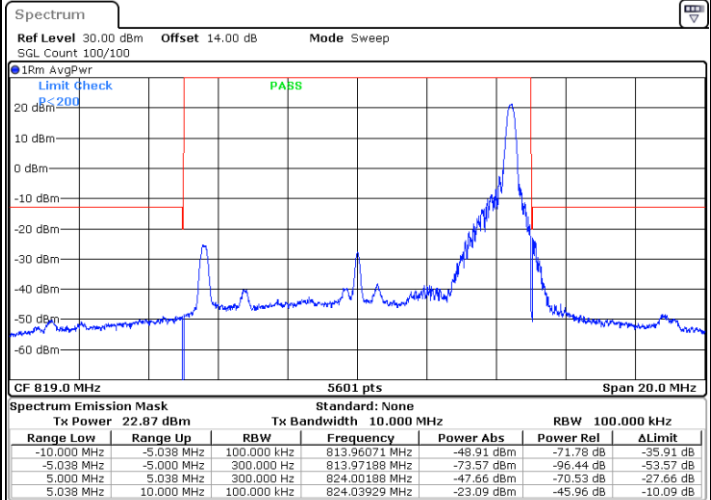
LTE Band 26 / 10MHz / QPSK

Lowest Band Edge / 1RB



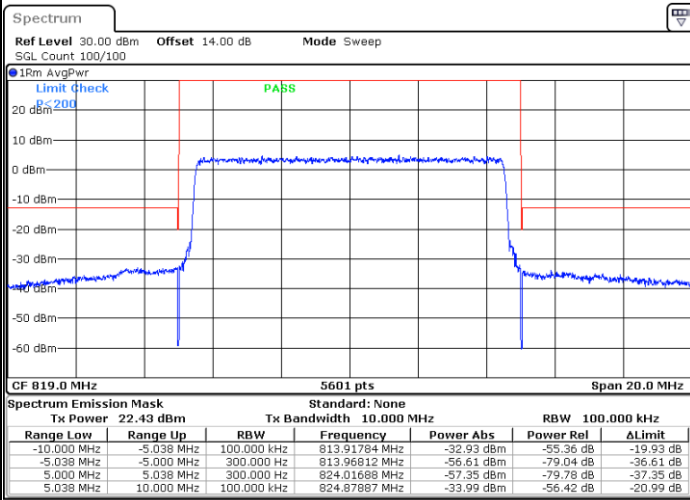
Date: 5.AUG.2023 16:06:53

Lowest Band Edge / 1RB



Date: 5.AUG.2023 16:10:12

Lowest Band Edge / Full RB



Date: 5.AUG.2023 16:10:51

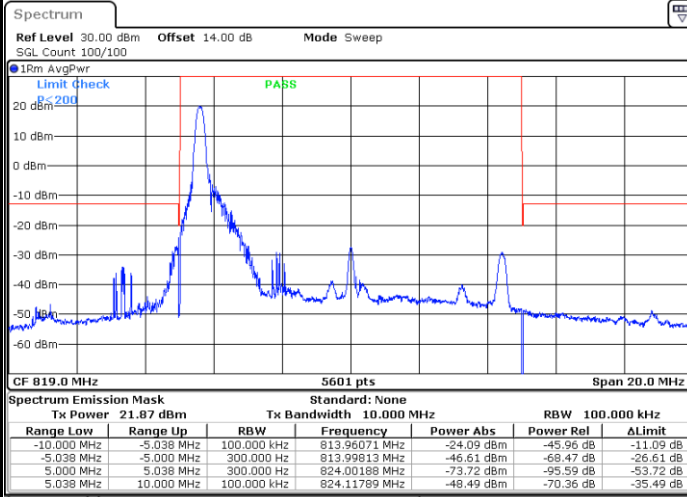
NA

NA



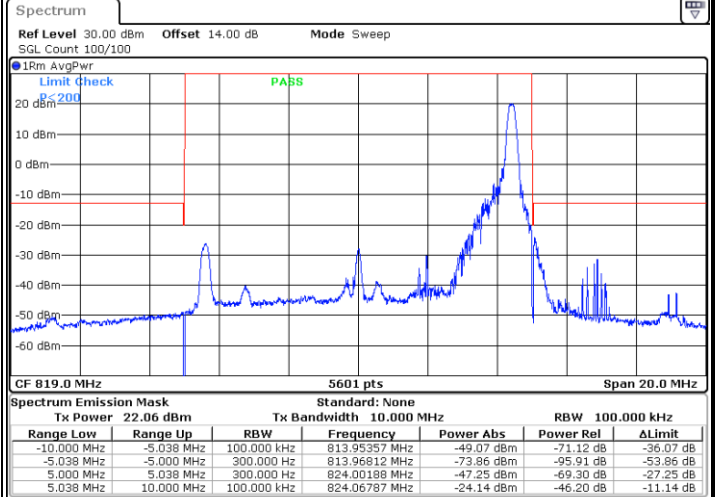
LTE Band 26 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



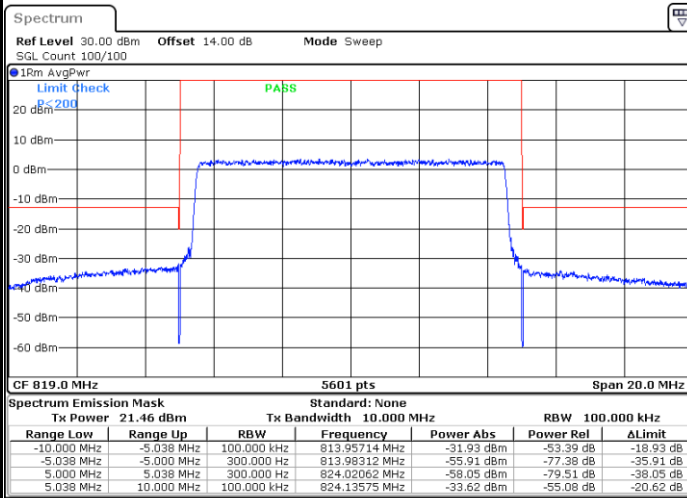
Date: 5.AUG.2023 16:07:33

Lowest Band Edge / 1 RB



Date: 5.AUG.2023 16:09:32

Lowest Band Edge / Full RB



Date: 5.AUG.2023 16:11:31

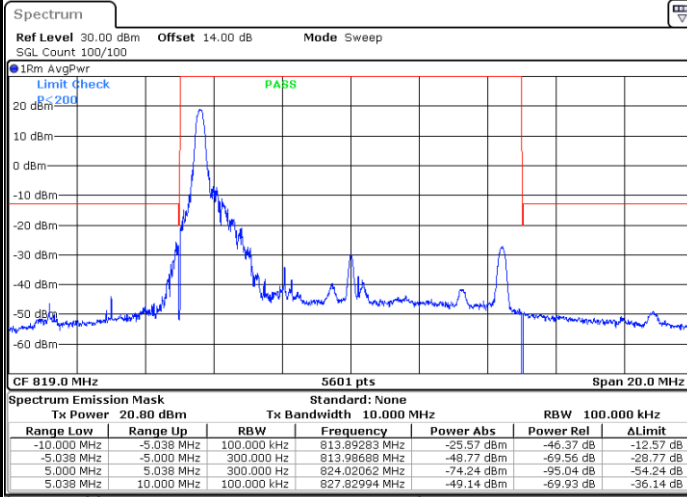
NA

NA



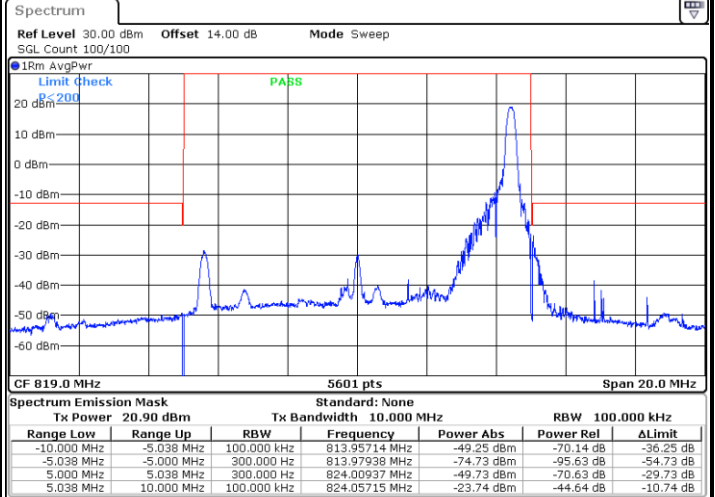
LTE Band 26 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



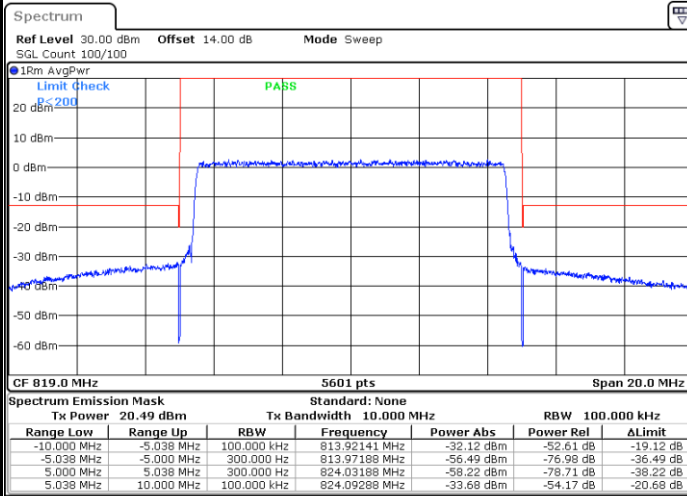
Date: 5.AUG.2023 16:08:12

Lowest Band Edge / 1 RB



Date: 5.AUG.2023 16:08:52

Lowest Band Edge / Full RB



Date: 5.AUG.2023 16:12:11

NA

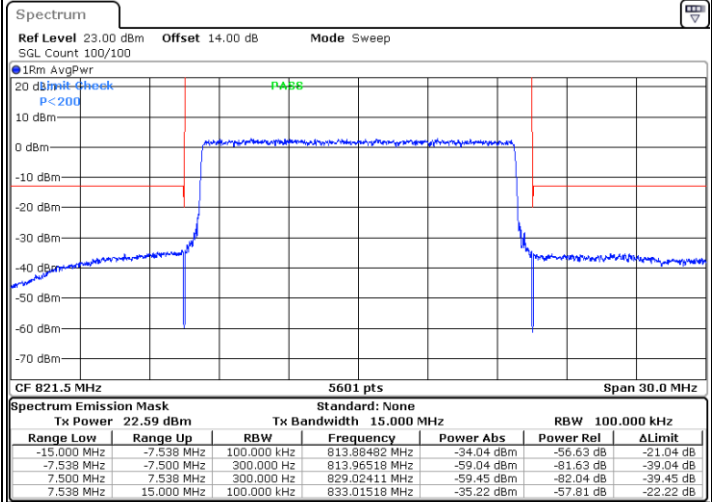
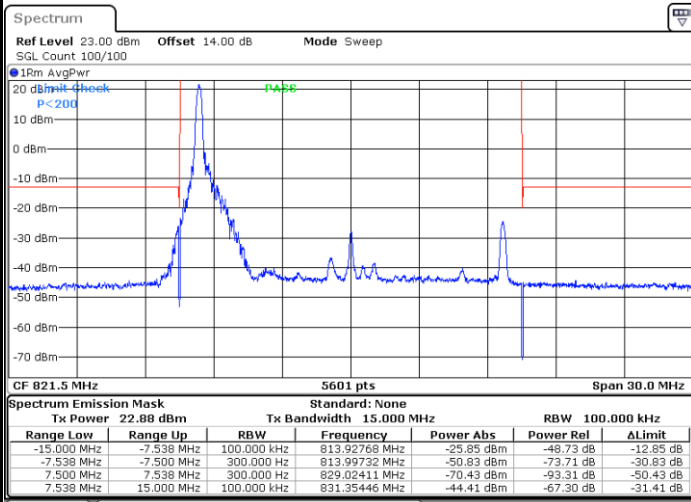
NA



LTE Band 26 / 15MHz

Lowest Band Edge / 1RB QPSK

Lowest Band Edge / Full RB QPSK

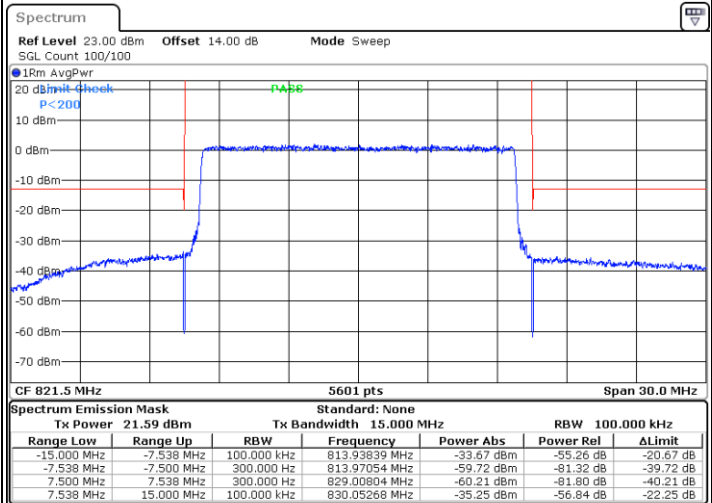
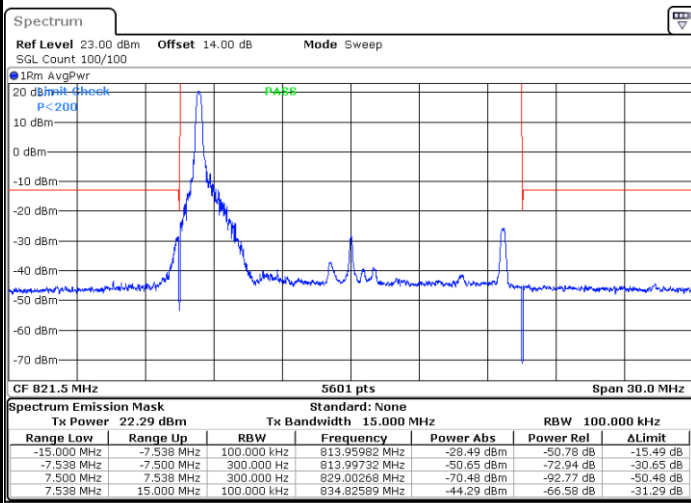


Date: 5.AUG.2023 16:20:22

Date: 5.AUG.2023 16:23:45

Lowest Band Edge / 1 RB 16QAM

Lowest Band Edge / Full RB 16QAM

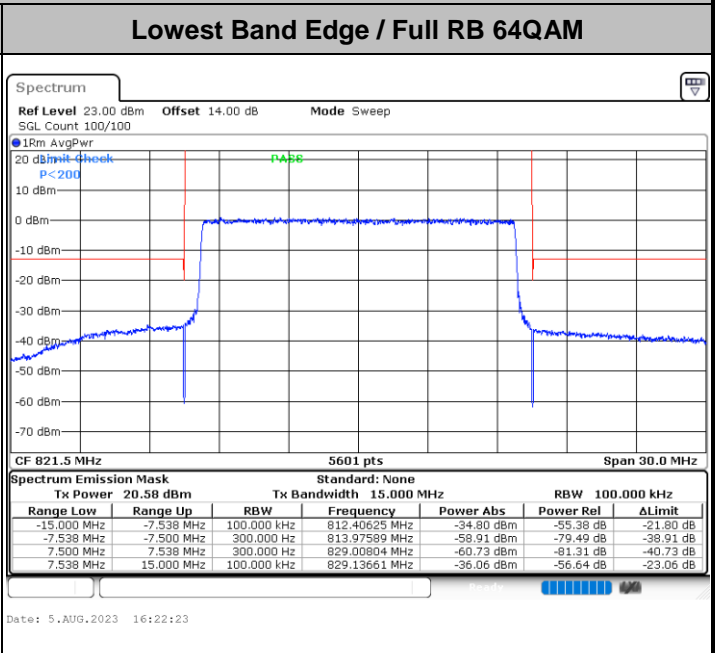
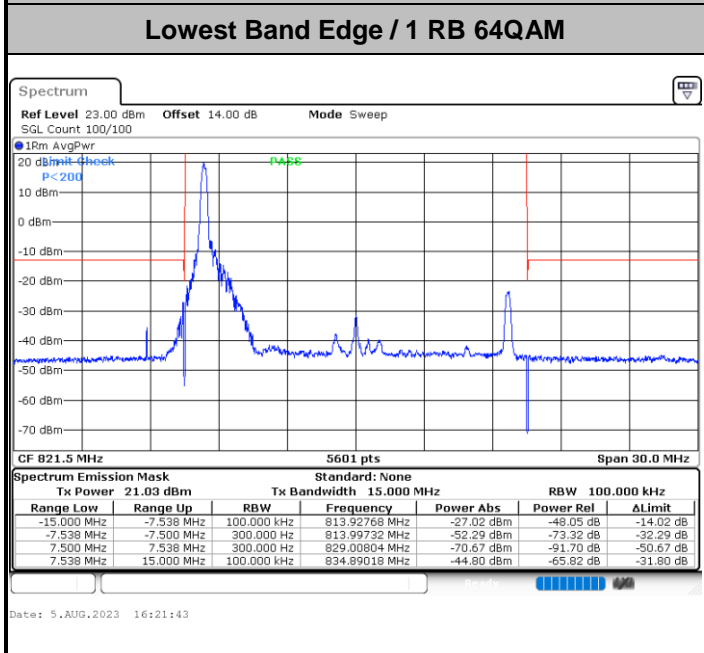


Date: 5.AUG.2023 16:21:03

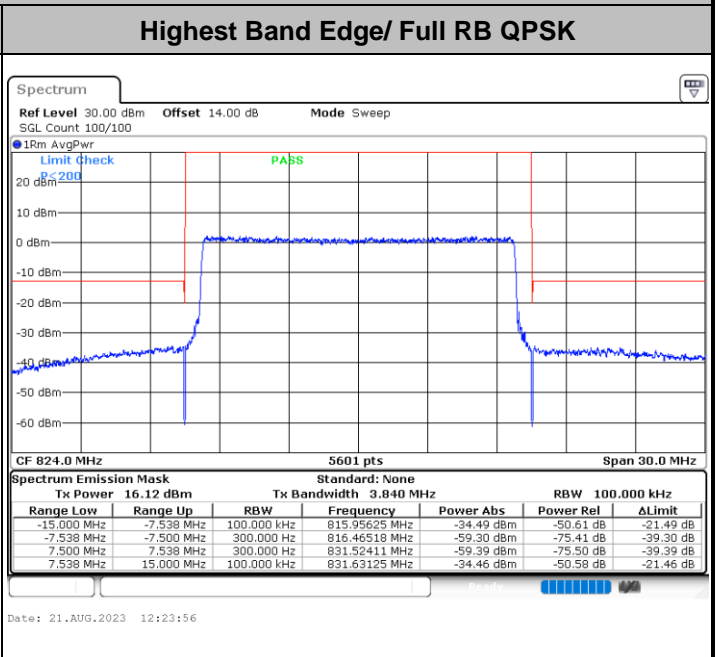
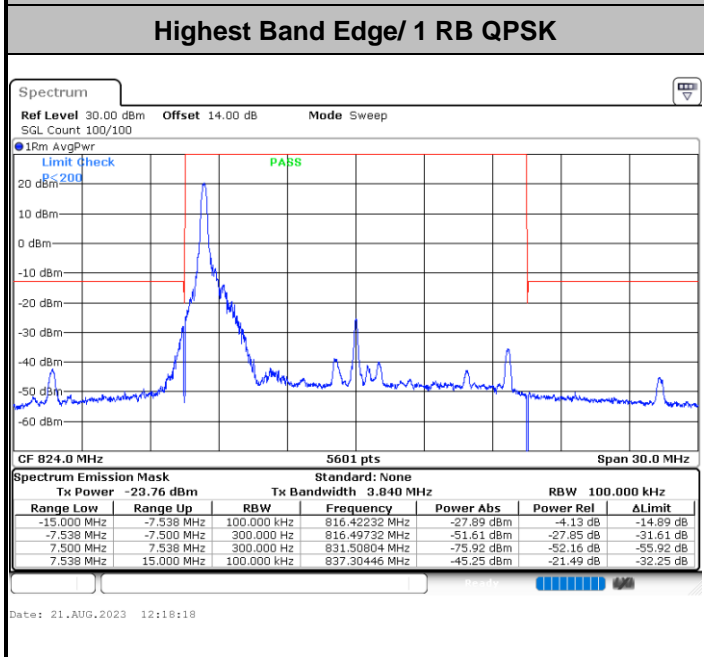
Date: 5.AUG.2023 16:23:05



LTE Band 26 / 15MHz



LTE Band 26 / 15MHz

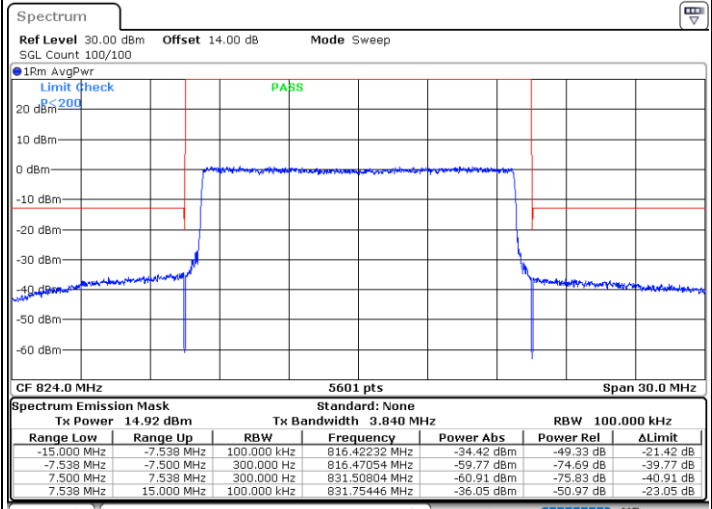
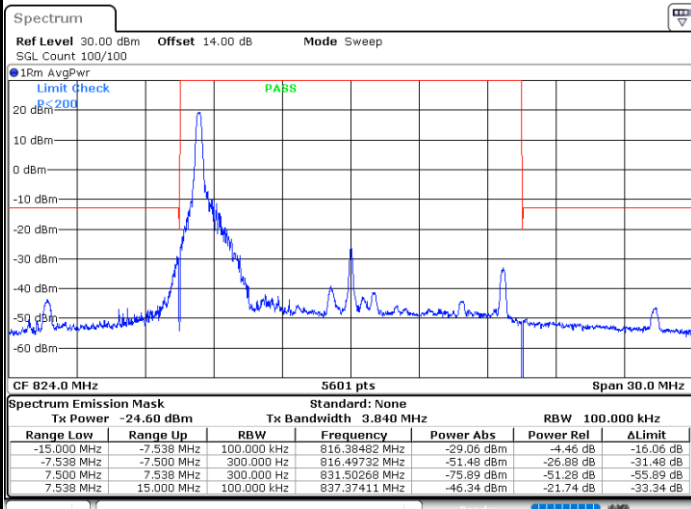




LTE Band 26 / 15MHz

Highest Band Edge / 1 RB 16QAM

Highest Band Edge / Full RB 16QAM



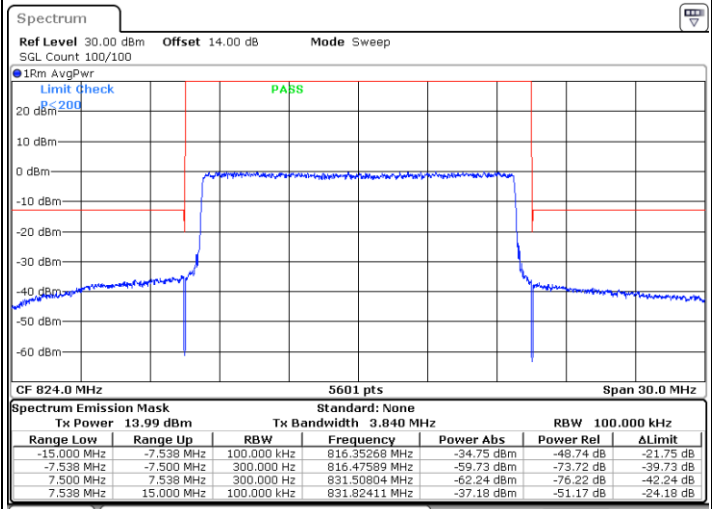
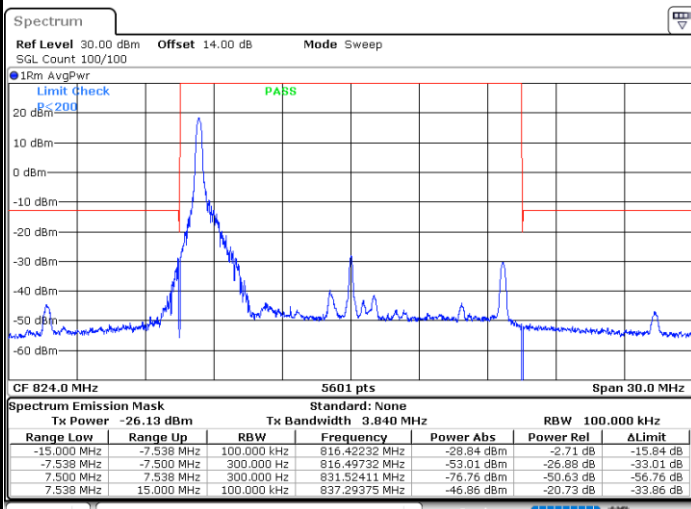
Date: 21.AUG.2023 12:17:20

Date: 21.AUG.2023 12:23:16

LTE Band 26 / 15MHz

Highest Band Edge / 1 RB 64QAM

Highest Band Edge / Full RB 64QAM



Date: 21.AUG.2023 12:20:41

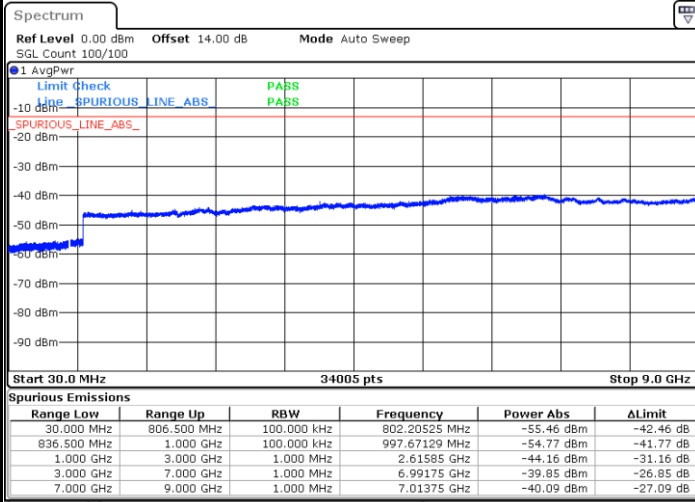
Date: 21.AUG.2023 12:22:34



Emission masks – Out of band emissions

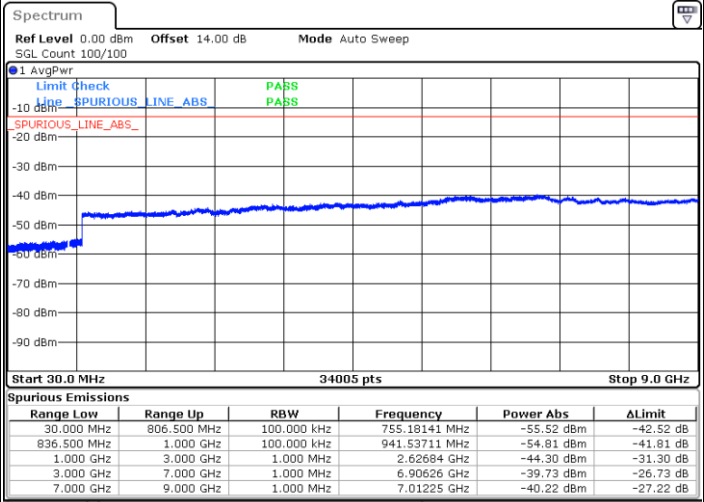
LTE Band 26 / 1.4MHz

Lowest Channel / QPSK



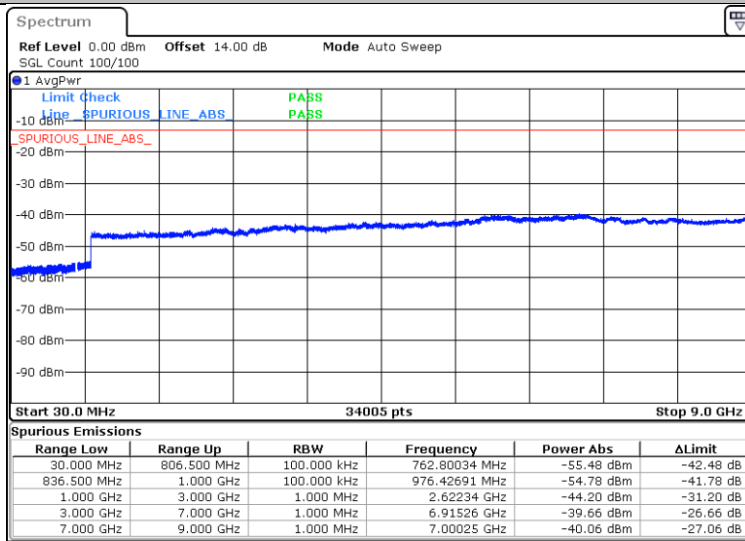
Date: 5.AUG.2023 13:45:20

Middle Channel / QPSK



Date: 5.AUG.2023 13:46:28

Highest Channel / QPSK



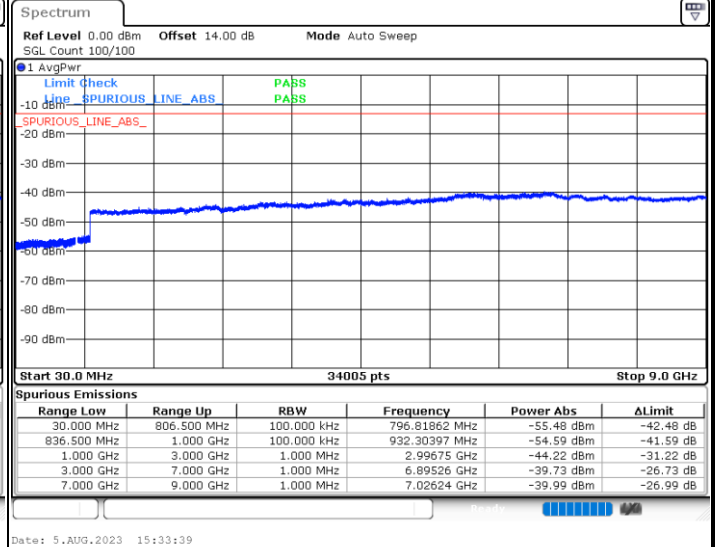
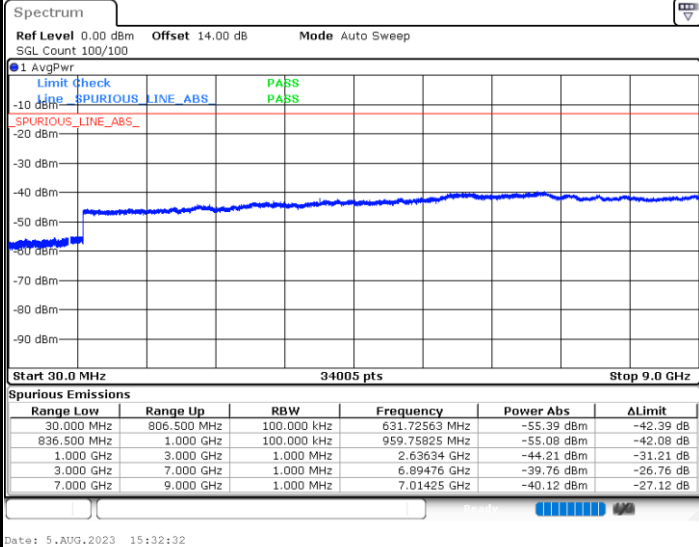
Date: 5.AUG.2023 13:53:09



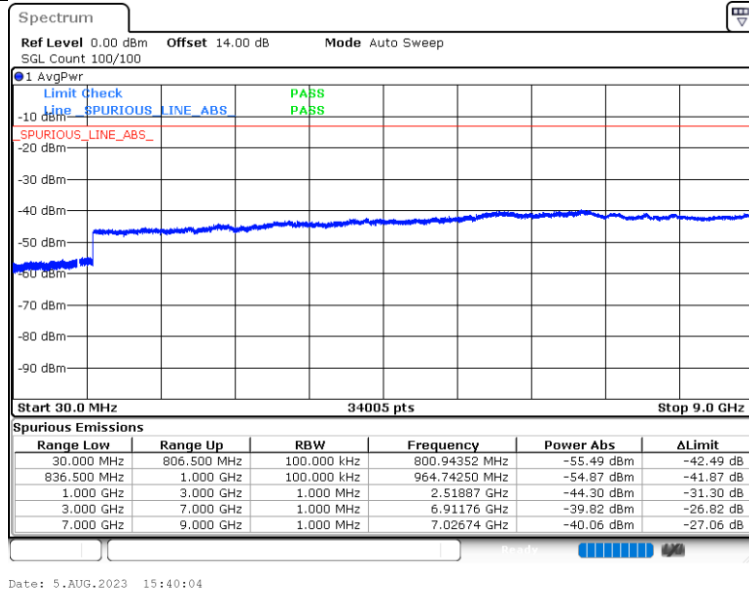
LTE Band 26 / 3MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

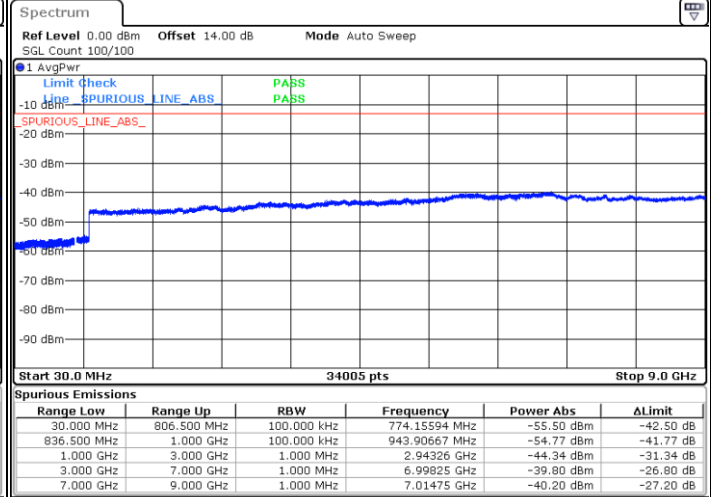
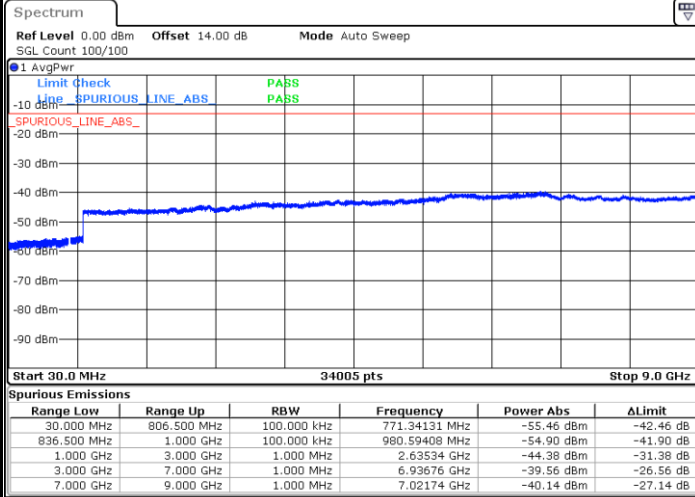




LTE Band 26 / 5MHz

Lowest Channel / QPSK

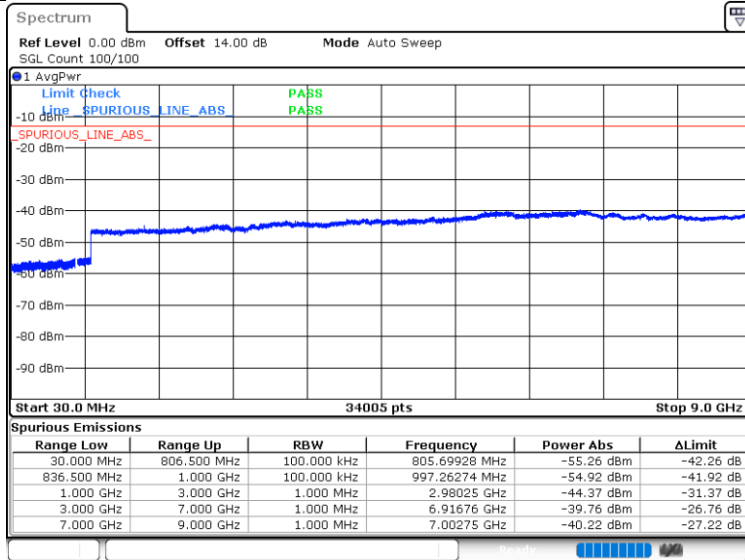
Middle Channel / QPSK



Date: 5.AUG.2023 15:52:58

Date: 5.AUG.2023 15:54:05

Highest Channel / QPSK

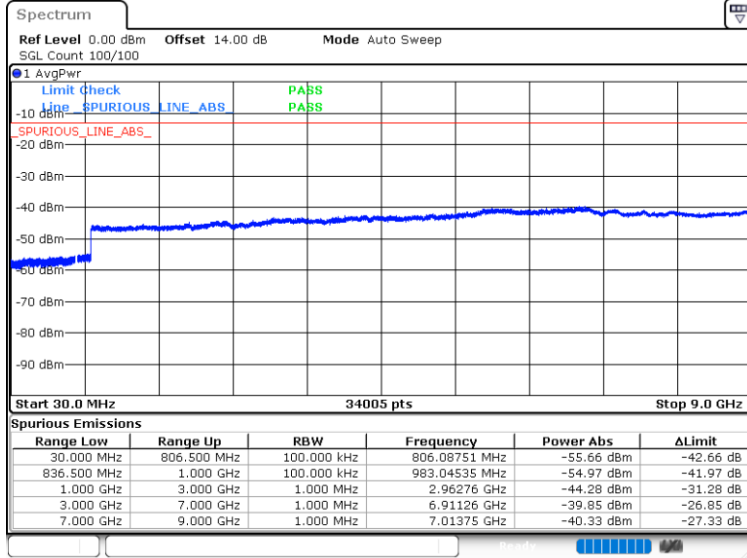


Date: 5.AUG.2023 16:00:31



LTE Band 26 / 10MHz

Middle Channel / QPSK

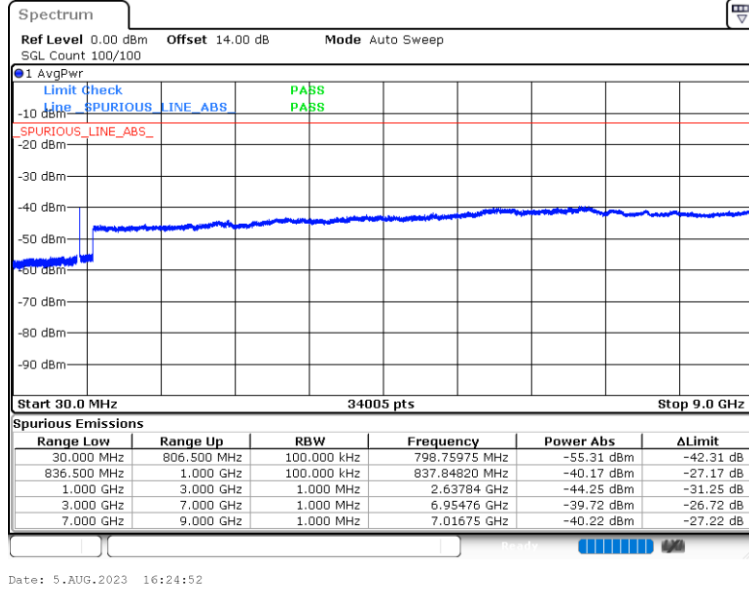


Date: 5.AUG.2023 16:16:02



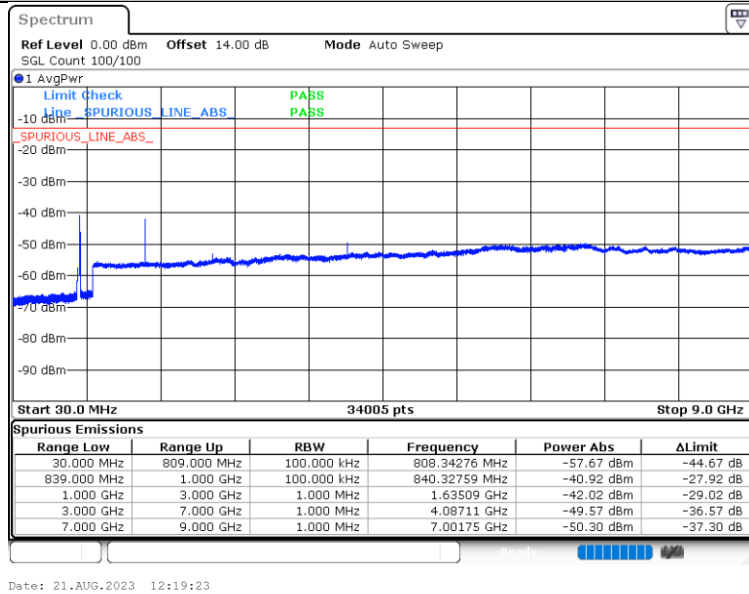
LTE Band 26 / 15MHz

Low Channel / QPSK



LTE Band 26 / 15MHz

High Channel / QPSK





Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0005	PASS
40	Normal Voltage	0.0109	
30	Normal Voltage	0.0079	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0001	
0	Normal Voltage	0.0005	
-10	Normal Voltage	0.0024	
-20	Normal Voltage	0.0010	
-30	Normal Voltage	0.0026	
20	Maximum Voltage	0.0072	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0081	

Note: Normal Voltage = 3.89 V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage = 4.48 V.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Kuang Jia	Temperature :	22~25°C
		Relative Humidity :	48~52%

Note: Pre-scanned harmonic for the different antennas, we choose the worst antenna mode to perform final test and record in the report.

LTE Band 26 / 10MHz / QPSK / Ant. 13									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1629	-64.65	-13	-51.65	-73.14	-67.90	4.00	9.40	H
	2443.5	-58.02	-13	-45.02	-70.14	-61.59	4.88	10.60	H
	3258	-60.75	-13	-47.75	-76.09	-65.68	5.52	12.60	H
	4072.5	-58.84	-13	-45.84	-76.25	-63.31	6.00	12.62	H
	1629	-66.32	-13	-53.32	-74.73	-69.57	4.00	9.40	V
	2443.5	-58.37	-13	-45.37	-70.46	-61.94	4.88	10.60	V
	3258	-62.26	-13	-49.26	-77.44	-67.19	5.52	12.60	V
	4072.5	-60.05	-13	-47.05	-77.64	-64.52	6.00	12.62	V

LTE Band 26 / 15MHz / QPSK / ANT13									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Highest	1634.5	-65.99	-13	-52.99	-74.35	-69.16	4.10	9.42	H
	2451.75	-55.52	-13	-42.52	-67.66	-59.10	4.90	10.63	H
	3269	-61.98	-13	-48.98	-77.29	-66.90	5.55	12.62	H
	4086.25	-55.65	-13	-42.65	-73.13	-60.13	6.02	12.65	H
	1634.5	-66.48	-13	-53.48	-74.80	-69.65	4.10	9.42	V
	2451.75	-57.57	-13	-44.57	-69.70	-61.15	4.90	10.63	V
	3269	-61.72	-13	-48.72	-76.88	-66.64	5.55	12.62	V
	4086.25	-56.48	-13	-43.48	-74.11	-60.96	6.02	12.65	V

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