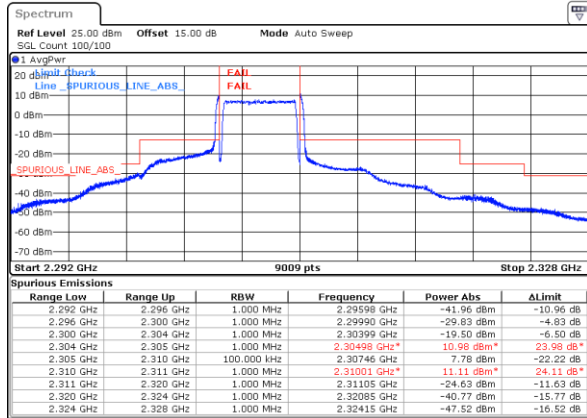




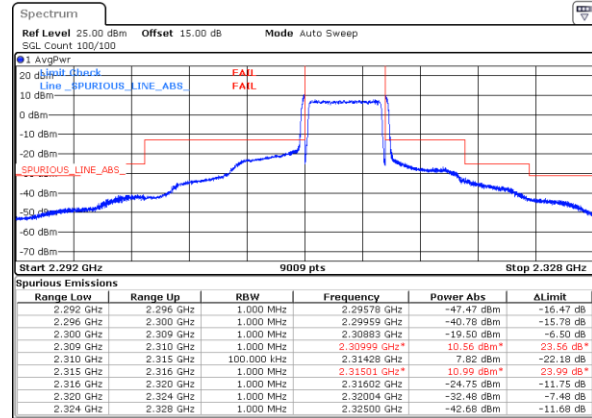
LTE Band 30 / 5MHz / QPSK

Lowest Band Edge / Full RB



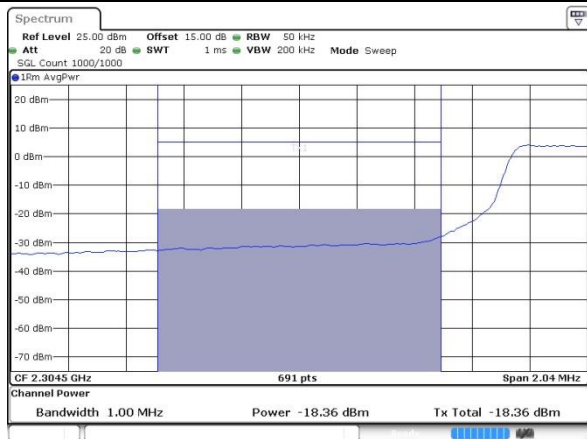
Date: 10 JUL 2024 10:26:48

Highest Band Edge / Full RB



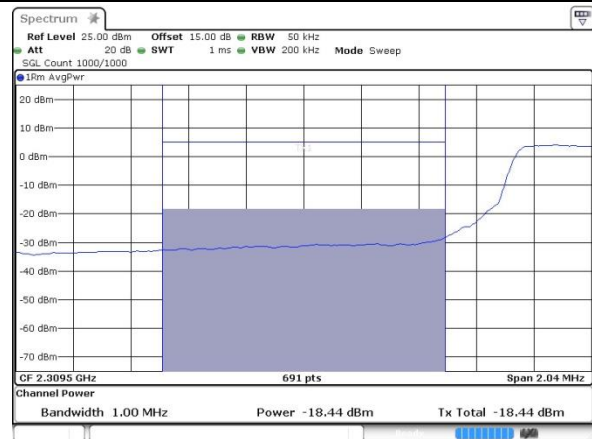
Date: 10 JUL 2024 10:21:52

Lowest Band Edge / Full RB / Lower zoom in



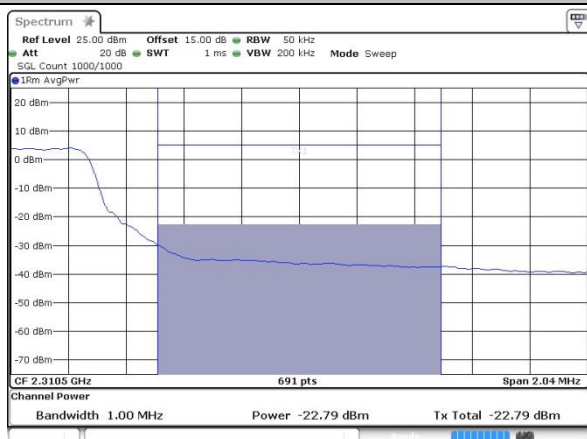
Date: 10 JUL 2024 10:27:45

Highest Band Edge / Full RB / Lower zoom in



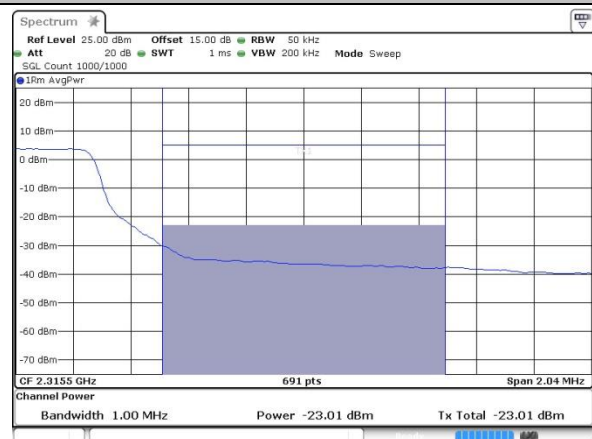
Date: 10 JUL 2024 10:22:10

Lowest Band Edge / Full RB / Upper zoom in



Date: 10 JUL 2024 10:27:55

Highest Band Edge / Full RB / Upper zoom in

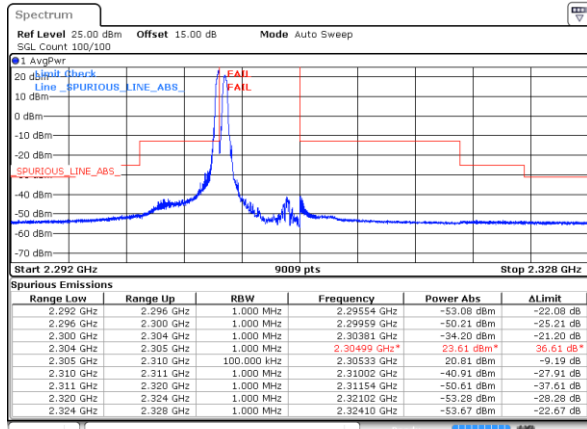


Date: 10 JUL 2024 10:22:22



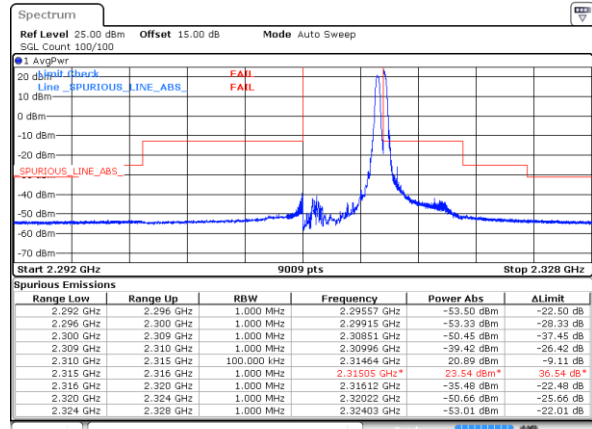
LTE Band 30 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



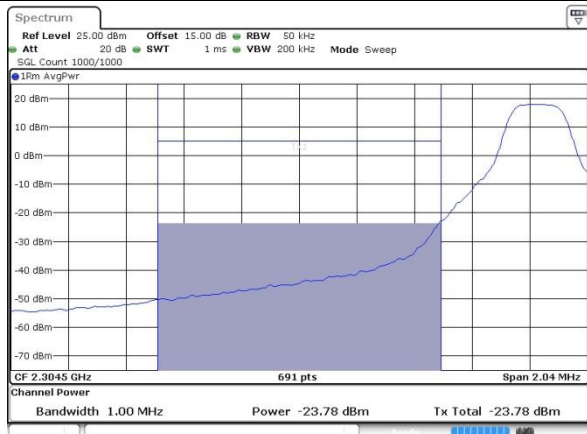
Date: 10 JUL 2024 09:59:22

Highest Band Edge / 1 RB



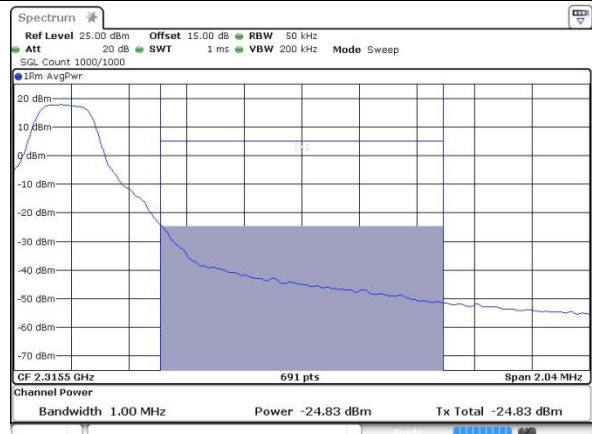
Date: 10 JUL 2024 10:17:35

Lowest Band Edge / 1 RB / Lower zoom in



Date: 10 JUL 2024 09:59:37

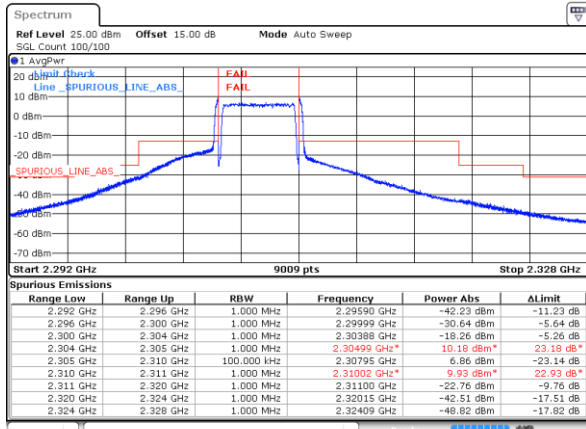
Highest Band Edge / 1 RB / Lower zoom in



Date: 10 JUL 2024 10:17:52

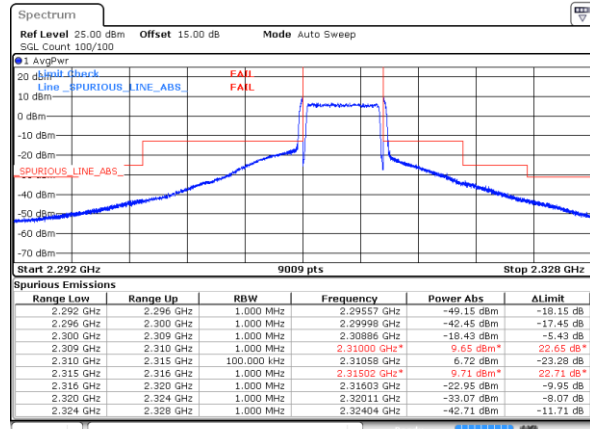
LTE Band 30 / 5MHz / 16QAM

Lowest Band Edge / Full RB



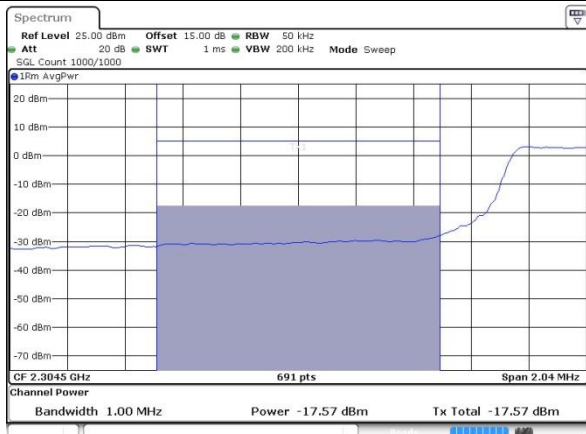
Date: 10 JUL 2024 10:24:27

Highest Band Edge / Full RB



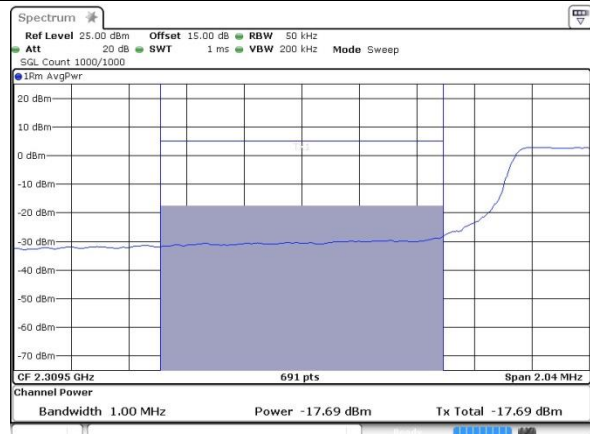
Date: 10 JUL 2024 10:20:55

Lowest Band Edge / Full RB / Lower zoom in



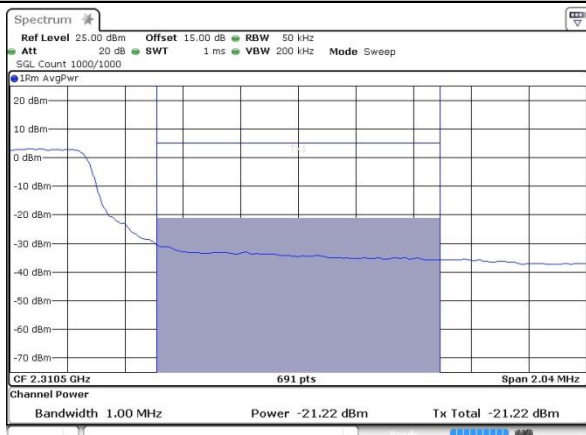
Date: 10 JUL 2024 10:24:58

Highest Band Edge / Full RB / Lower zoom in



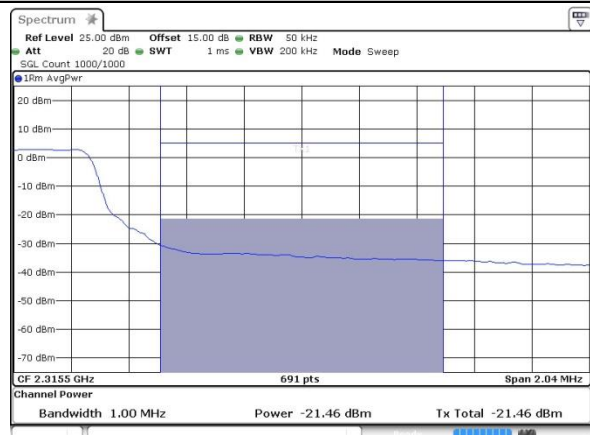
Date: 10 JUL 2024 10:21:22

Lowest Band Edge / Full RB / Upper zoom in



Date: 10 JUL 2024 10:25:09

Highest Band Edge / Full RB / Upper zoom in

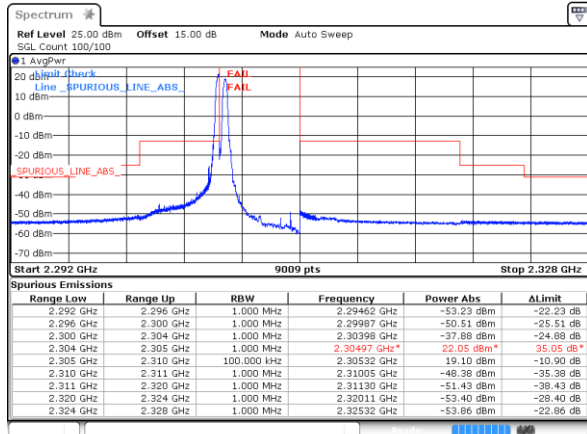


Date: 10 JUL 2024 10:21:13

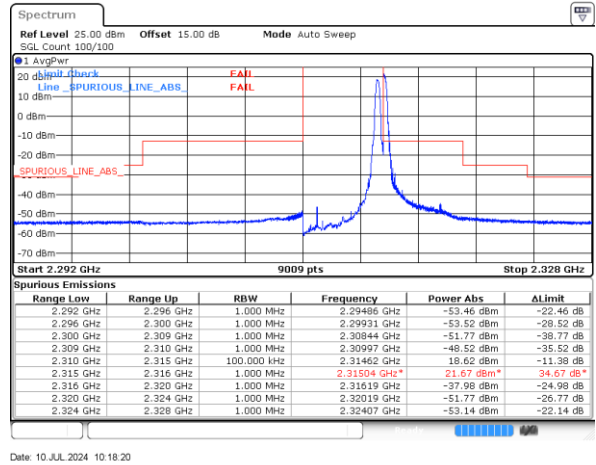


LTE Band 30 / 5MHz / 64QAM

Lowest Band Edge / 1 RB



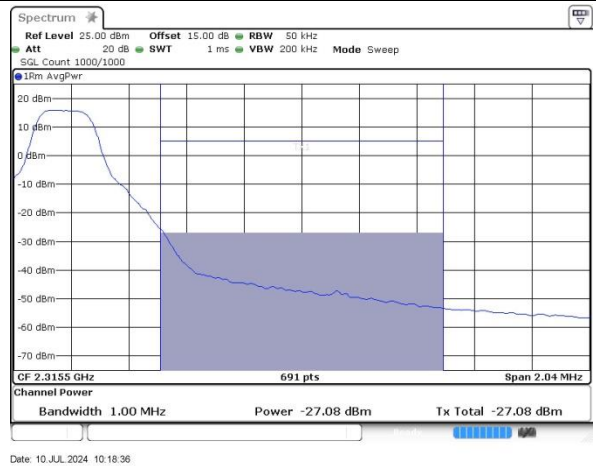
Highest Band Edge / 1 RB



Lowest Band Edge / 1 RB / Lower zoom in



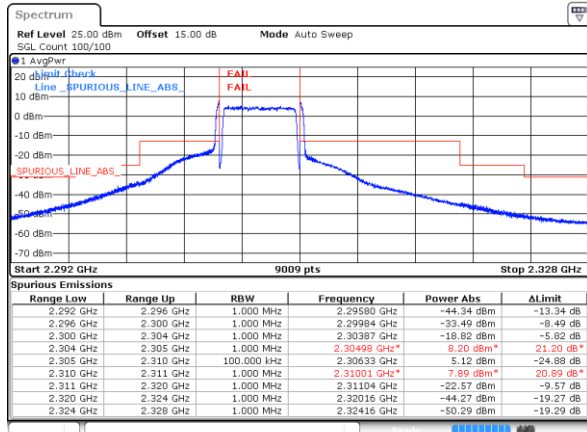
Highest Band Edge / 1 RB / Lower zoom in



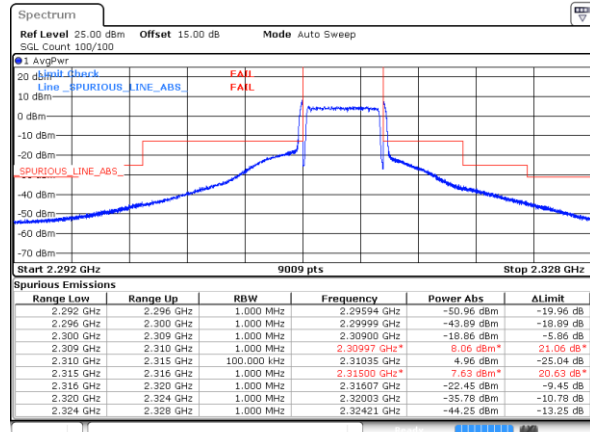


LTE Band 30 / 5MHz / 64QAM

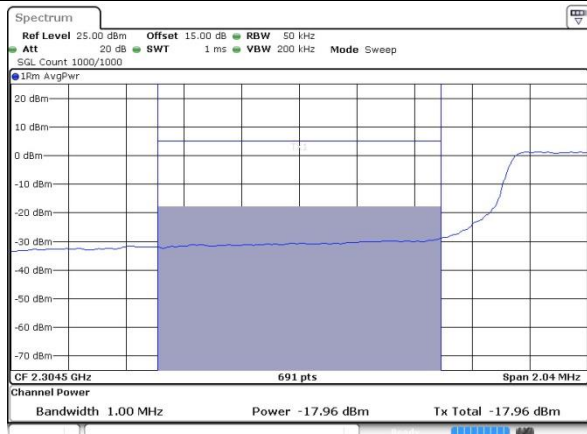
Lowest Band Edge / Full RB



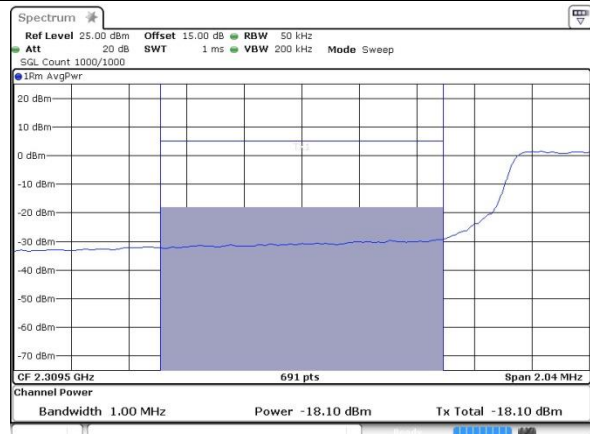
Highest Band Edge / Full RB



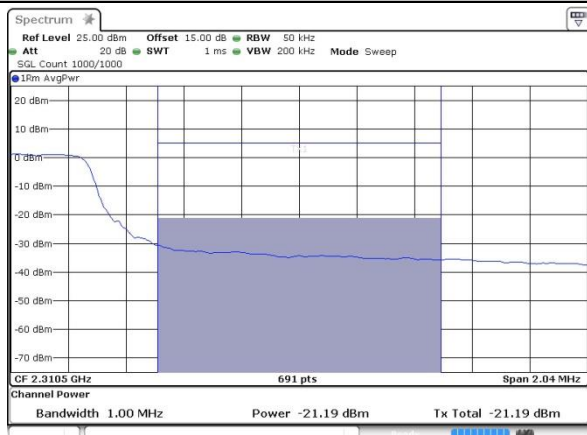
Lowest Band Edge / Full RB / Lower zoom in



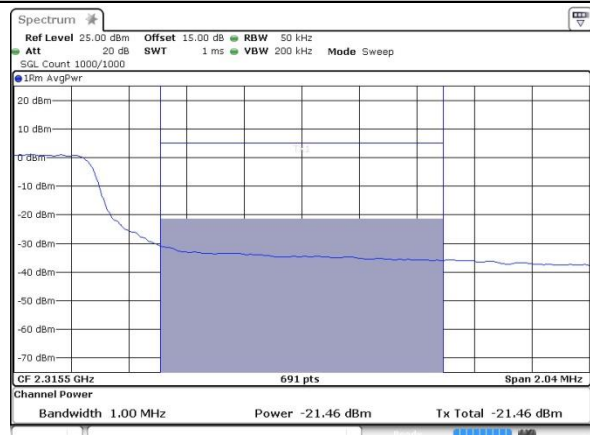
Highest Band Edge / Full RB / Lower zoom in



Lowest Band Edge / Full RB / Upper zoom in



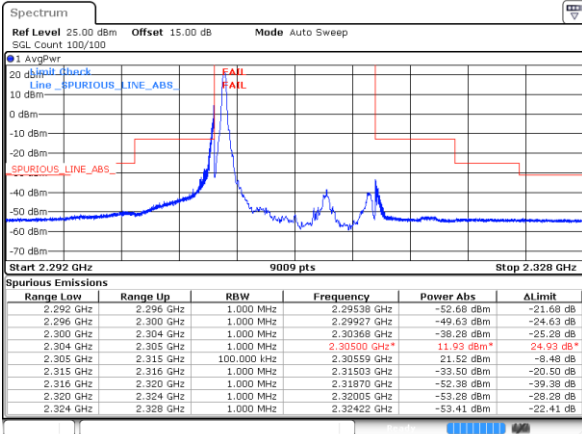
Highest Band Edge / Full RB / Upper zoom in





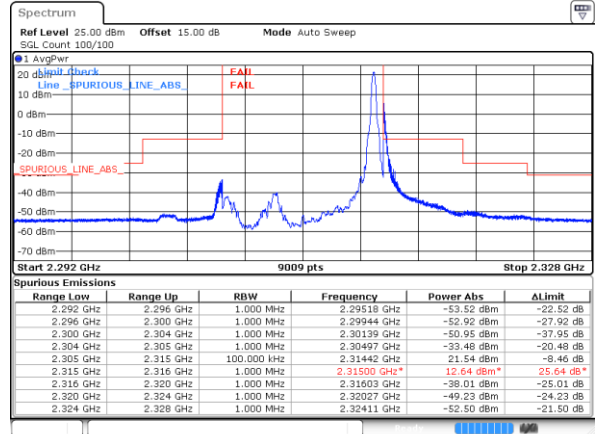
LTE Band 30 / 10MHz / QPSK

Lowest Band Edge / 1 RB



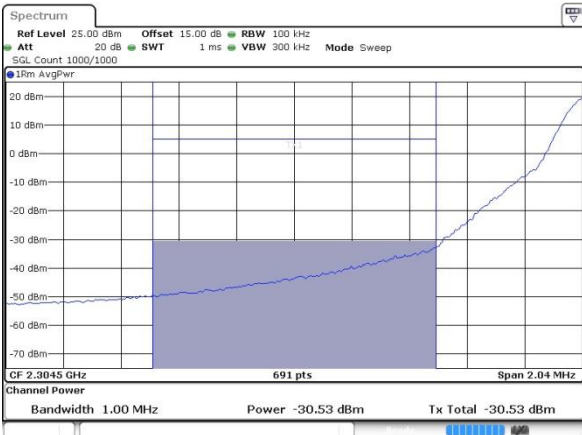
Date: 10 JUL 2024 10:35:32

Highest Band Edge / 1 RB



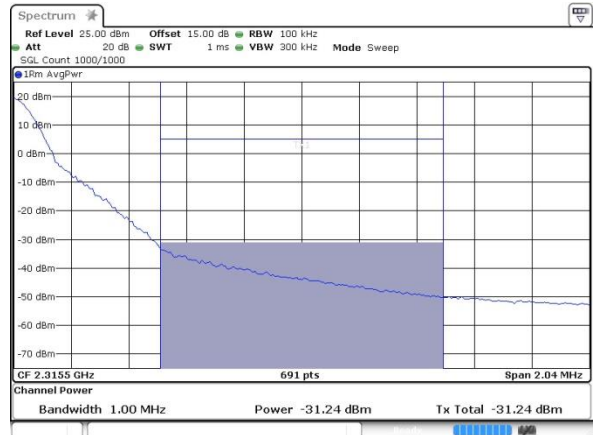
Date: 10 JUL 2024 10:39:50

Lowest Band Edge / 1 RB / Lower zoom in



Date: 10 JUL 2024 10:35:48

Highest Band Edge / 1 RB / Lower zoom in

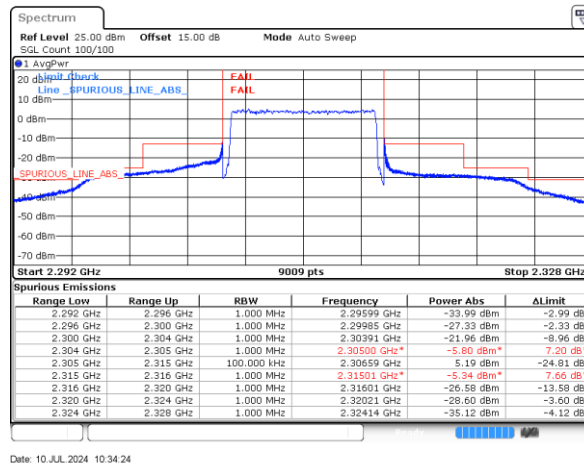


Date: 10 JUL 2024 10:40:06

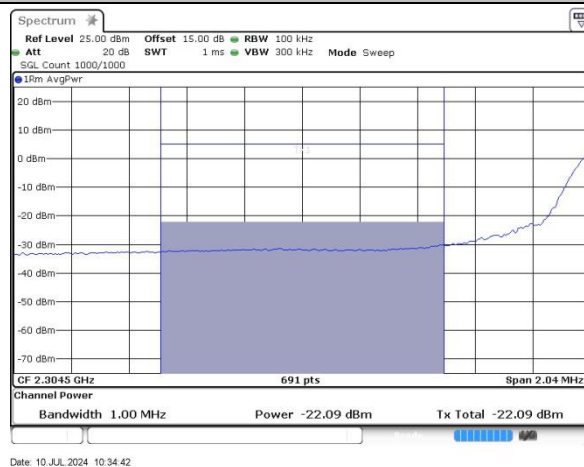


LTE Band 30 / 10MHz / QPSK

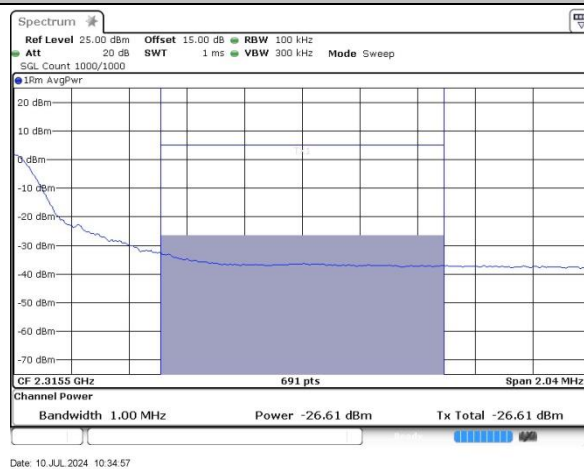
Lowest Band Edge / Full RB



Lowest Band Edge / Full RB / Lower zoom in



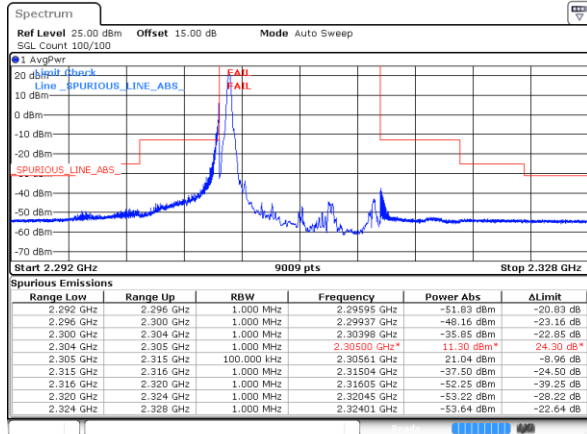
Lowest Band Edge / Full RB / Upper zoom in



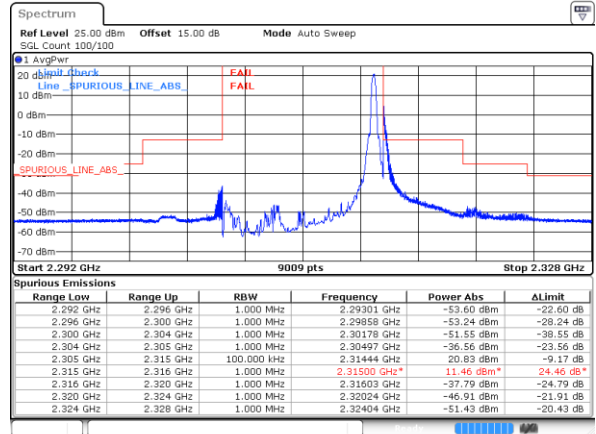


LTE Band 30 / 10MHz / 16QAM

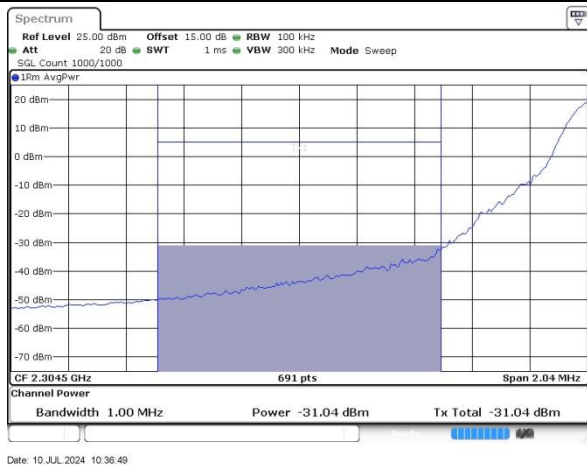
Lowest Band Edge / 1 RB



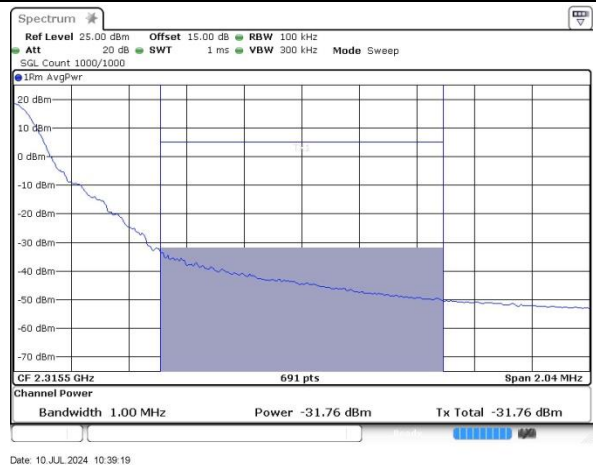
Highest Band Edge / 1 RB



Lowest Band Edge / 1 RB / Lower zoom in



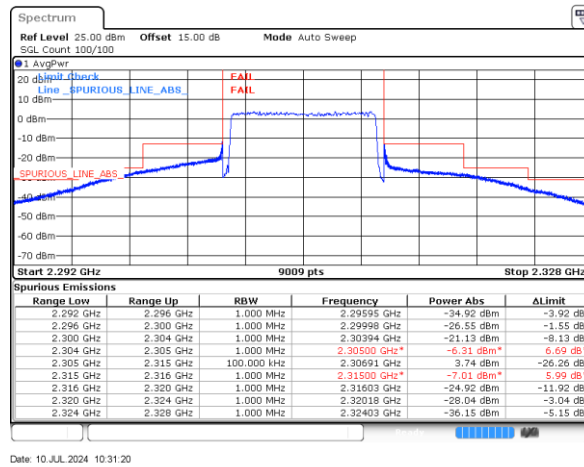
Highest Band Edge / 1 RB / Lower zoom in



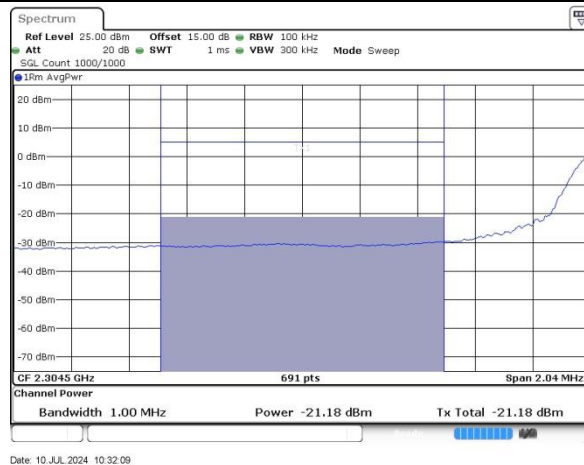


LTE Band 30 / 10MHz / 16QAM

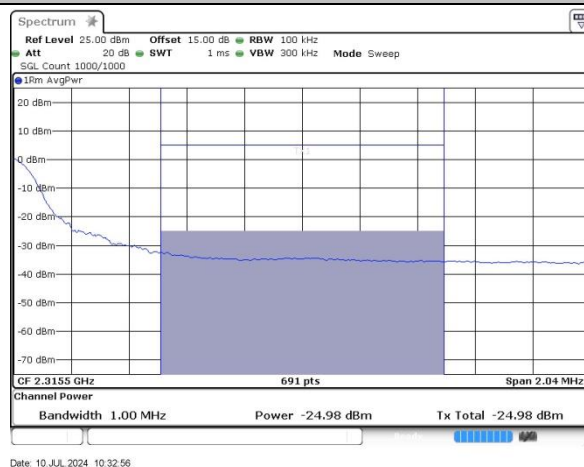
Lowest Band Edge / Full RB



Lowest Band Edge / Full RB / Lower zoom in



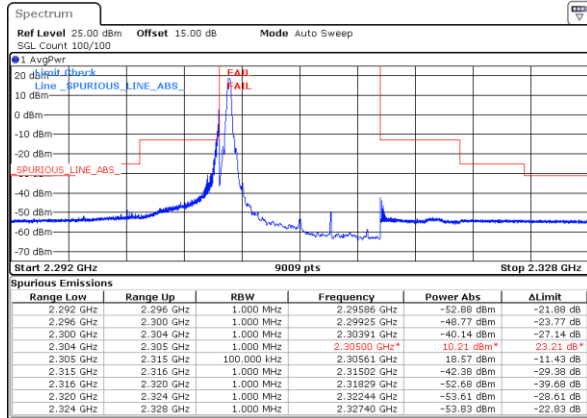
Lowest Band Edge / Full RB / Upper zoom in





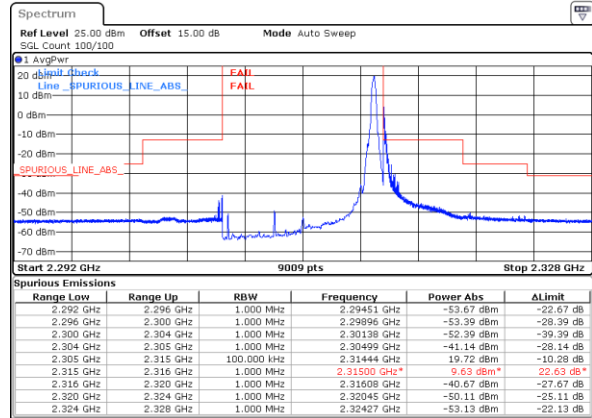
LTE Band 30 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



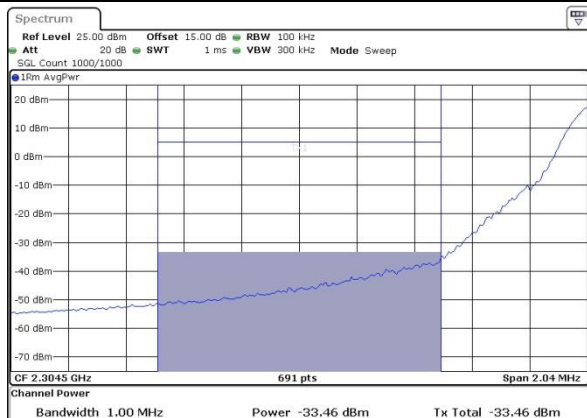
Date: 10 JUL 2024 10:37:17

Highest Band Edge / 1 RB



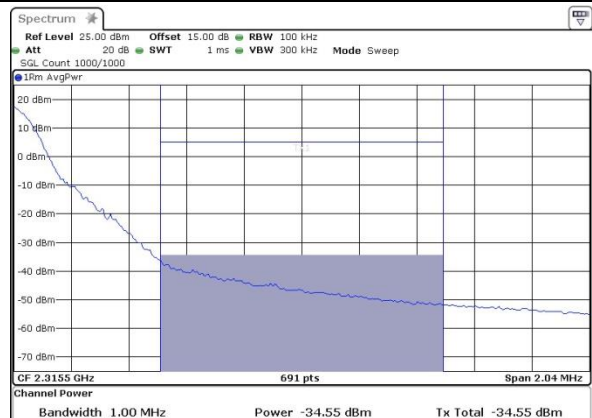
Date: 10 JUL 2024 10:38:13

Lowest Band Edge / 1 RB / Lower zoom in



Date: 10 JUL 2024 10:37:41

Highest Band Edge / 1 RB / Lower zoom in

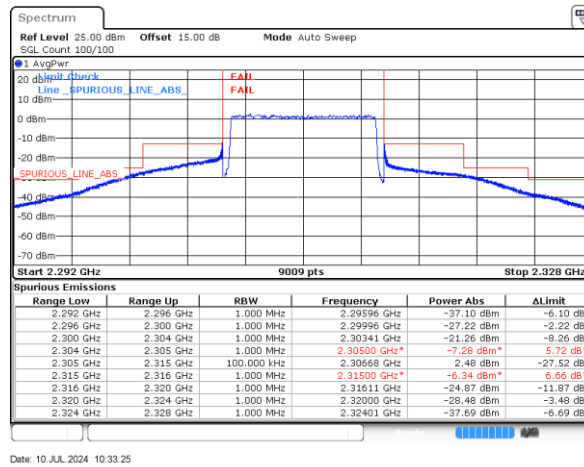


Date: 10 JUL 2024 10:38:35

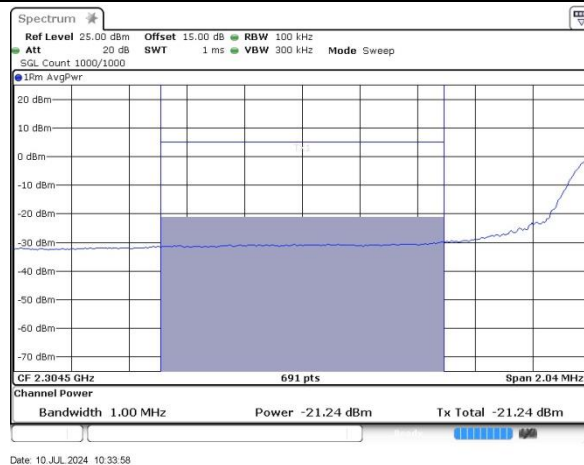


LTE Band 30 / 10MHz / 64QAM

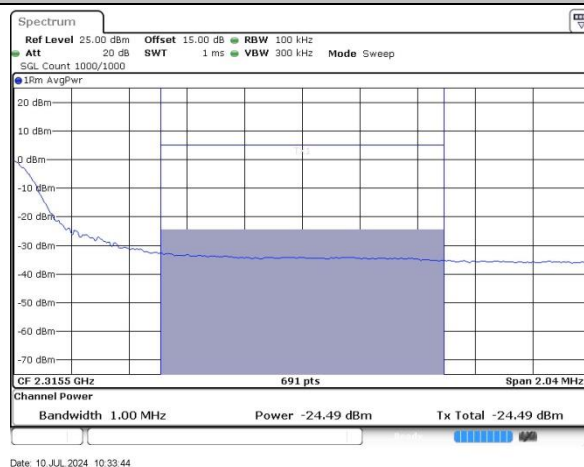
Lowest Band Edge / Full RB



Lowest Band Edge / Full RB / Lower zoom in



Lowest Band Edge / Full RB / Upper zoom in

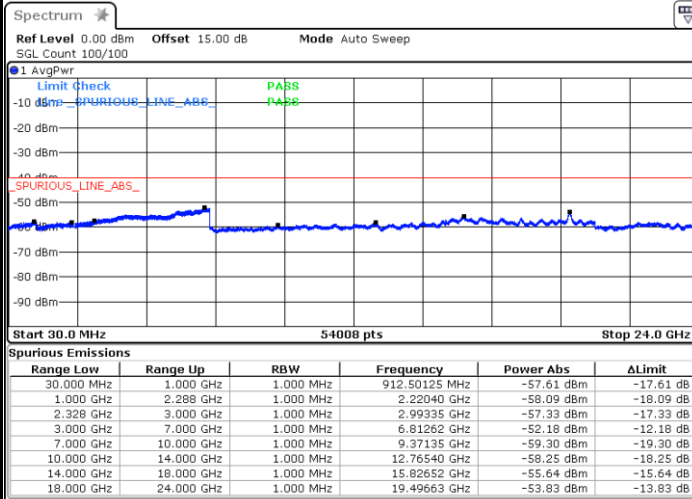




Conducted Spurious Emission

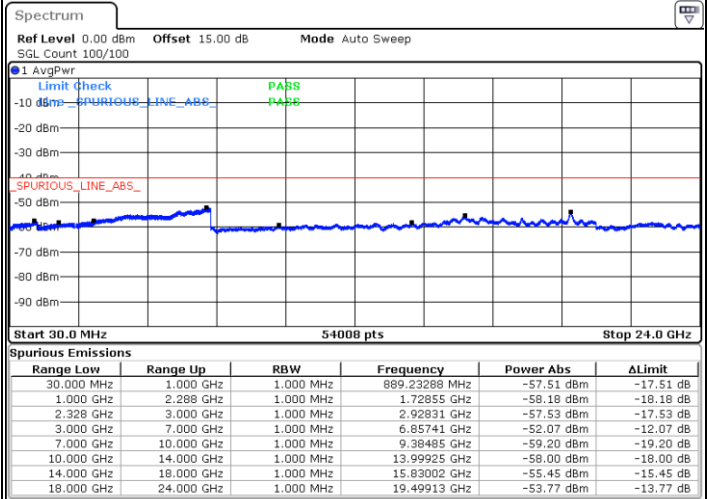
LTE Band 30 / 5MHz

Lowest Channel / QPSK



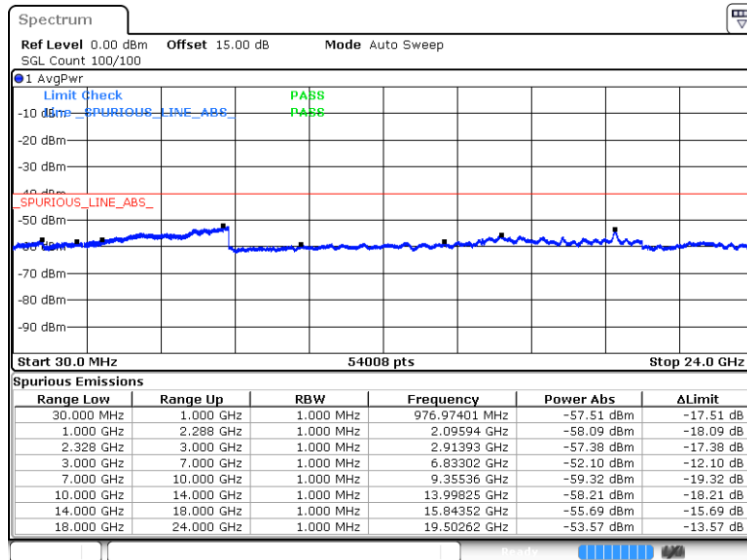
Date: 10 JUL 2024 10:13:36

Middle Channel / QPSK



Date: 10 JUL 2024 10:14:49

Highest Channel / QPSK

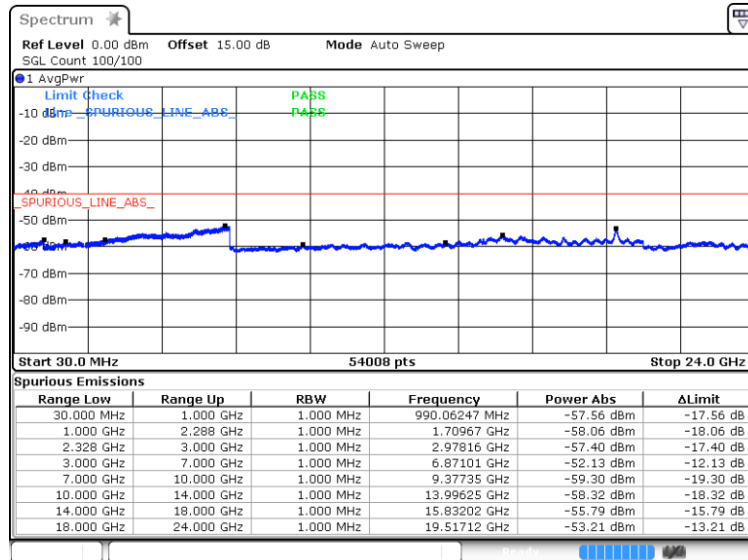


Date: 10 JUL 2024 10:15:57



LTE Band 30 / 10MHz

Middle Channel / QPSK



Date: 10.JUL.2024 10:41:59

Frequency Stability

Test Conditions		LTE Band 30 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0002	PASS
40	Normal Voltage	0.0059	
30	Normal Voltage	0.0024	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0055	
0	Normal Voltage	0.0002	
-10	Normal Voltage	0.0045	
-20	Normal Voltage	0.0045	
-30	Normal Voltage	0.0051	
20	Maximum Voltage	0.0026	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0010	

Note:

1. Normal Voltage = 3.85 V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage = 4.41 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Bruce Zhao	Temperature :	23~25°C
		Relative Humidity :	41~42%

LTE Band 30 / 5MHz / QPSK / RB Size 1 Offset 0								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	4616	-63.92	-40	-23.92	-75.38	2.84	14.30	H
	6912	-56.22	-40	-16.22	-66.16	3.49	13.43	H
	9222	-62.80	-40	-22.80	-73.04	3.85	14.09	H
	4616	-62.94	-40	-22.94	-74.40	2.84	14.30	V
	6912	-60.16	-40	-20.16	-70.10	3.49	13.43	V
	9222	-62.25	-40	-22.25	-72.49	3.85	14.09	V
Middle	4616	-64.15	-40	-24.15	-75.61	2.84	14.30	H
	6926	-57.94	-40	-17.94	-67.88	3.49	13.43	H
	9236	-61.95	-40	-21.95	-72.19	3.85	14.09	H
	4616	-63.52	-40	-23.52	-74.98	2.84	14.30	V
	6926	-60.75	-40	-20.75	-70.69	3.49	13.43	V
	9236	-62.61	-40	-22.61	-72.85	3.85	14.09	V
Highest	4616	-64.03	-40	-24.03	-75.49	2.84	14.30	H
	6926	-58.79	-40	-18.79	-68.73	3.49	13.43	H
	9236	-62.66	-40	-22.66	-72.90	3.85	14.09	H
	4616	-63.04	-40	-23.04	-74.50	2.84	14.30	V
	6926	-58.47	-40	-18.47	-68.41	3.49	13.43	V
	9236	-62.66	-40	-22.66	-72.90	3.85	14.09	V

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

LTE Band 30 / 10MHz / QPSK / RB Size 1 Offset 0								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	4616	-63.45	-40	-23.45	-74.91	2.84	14.30	H
	6912	-56.16	-40	-16.16	-66.10	3.49	13.43	H
	9222	-62.35	-40	-22.35	-72.59	3.85	14.09	H
	4616	-63.28	-40	-23.28	-74.74	2.84	14.30	V
	6912	-56.52	-40	-16.52	-66.46	3.49	13.43	V
	9222	-62.83	-40	-22.83	-73.07	3.85	14.09	V

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



LTE Band 30 / 5MHz / QPSK / RB Size 1 Offset 0 for Other PA								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	4616	-65.22	-40	-25.22	-76.68	2.84	14.30	H
	6912	-58.82	-40	-18.82	-68.76	3.49	13.43	H
	9222	-54.79	-40	-14.79	-65.03	3.85	14.09	H
	4616	-64.88	-40	-24.88	-76.34	2.84	14.30	V
	6912	-58.79	-40	-18.79	-68.73	3.49	13.43	V
	9222	-53.00	-40	-13.00	-63.24	3.85	14.09	V
Middle	4616	-65.39	-40	-25.39	-76.85	2.84	14.30	H
	6926	-59.28	-40	-19.28	-69.22	3.49	13.43	H
	9236	-54.35	-40	-14.35	-64.59	3.85	14.09	H
	4616	-64.60	-40	-24.60	-76.06	2.84	14.30	V
	6926	-58.03	-40	-18.03	-67.97	3.49	13.43	V
	9236	-53.69	-40	-13.69	-63.93	3.85	14.09	V
Highest	4616	-65.08	-40	-25.08	-76.54	2.84	14.30	H
	6926	-58.65	-40	-18.65	-68.59	3.49	13.43	H
	9236	-54.28	-40	-14.28	-64.52	3.85	14.09	H
	4616	-64.79	-40	-24.79	-76.25	2.84	14.30	V
	6926	-59.10	-40	-19.10	-69.04	3.49	13.43	V
	9236	-53.71	-40	-13.71	-63.95	3.85	14.09	V

LTE Band 30 / 10MHz / QPSK / RB Size 1 Offset 0 for Other PA								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	4616	-64.83	-40	-24.83	-76.29	2.84	14.30	H
	6912	-57.65	-40	-17.65	-67.59	3.49	13.43	H
	9222	-54.87	-40	-14.87	-65.11	3.85	14.09	H
	4616	-64.73	-40	-24.73	-76.19	2.84	14.30	V
	6912	-59.43	-40	-19.43	-69.37	3.49	13.43	V
	9222	-52.92	-40	-12.92	-63.16	3.85	14.09	V