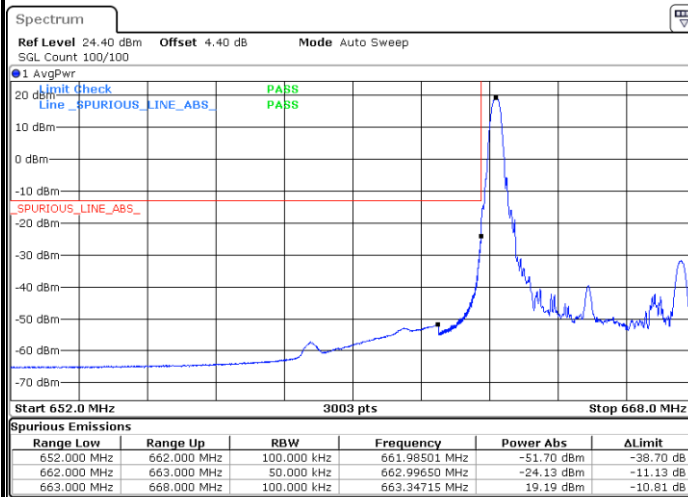




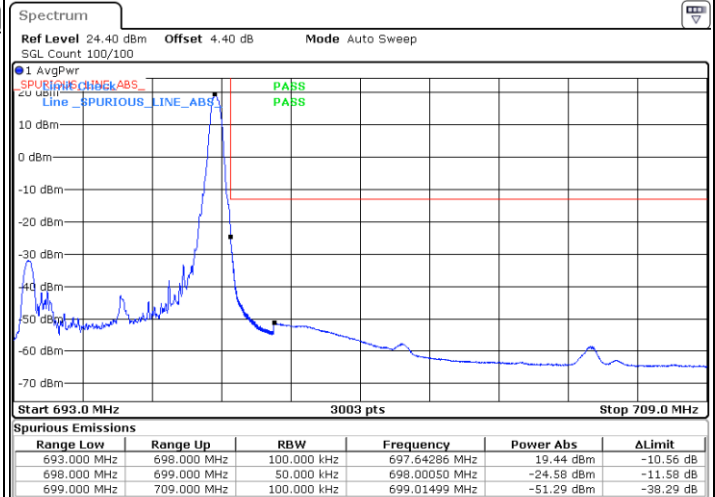
LTE Band 71 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



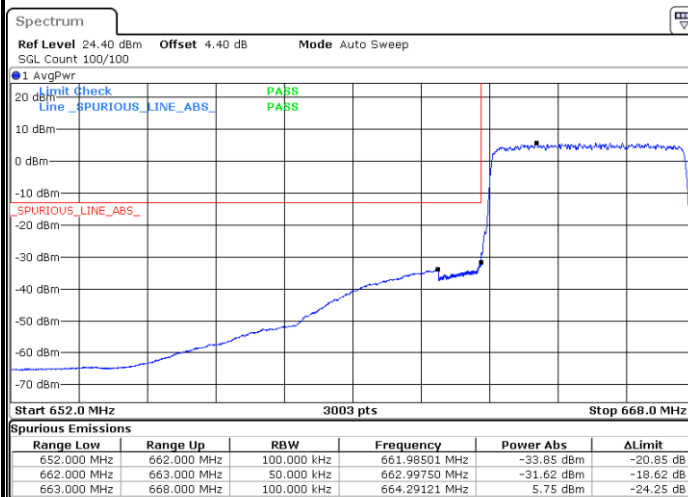
Date: 28.MAY.2024 03:42:38

Highest Band Edge / 1 RB



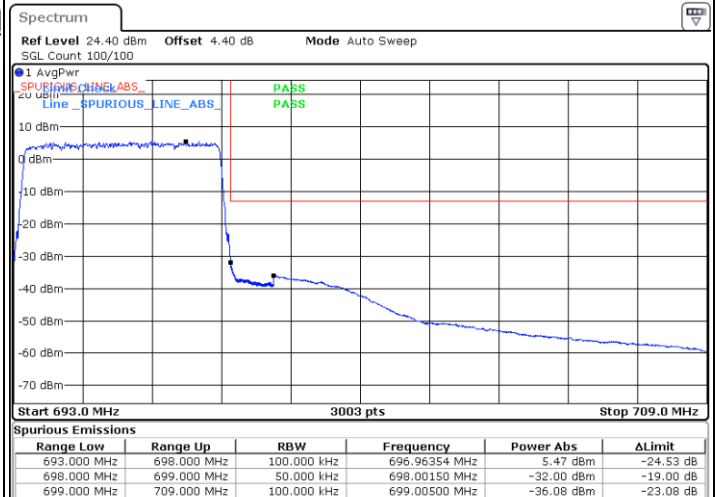
Date: 28.MAY.2024 03:51:21

Lowest Band Edge / Full RB



Date: 28.MAY.2024 03:45:24

Highest Band Edge / Full RB

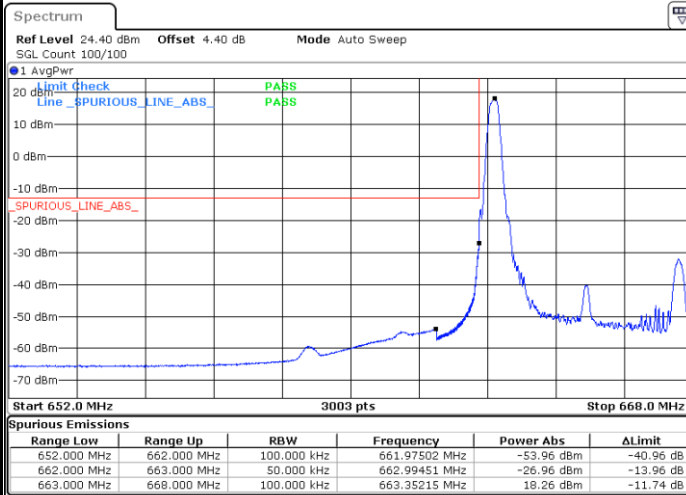


Date: 28.MAY.2024 03:51:07

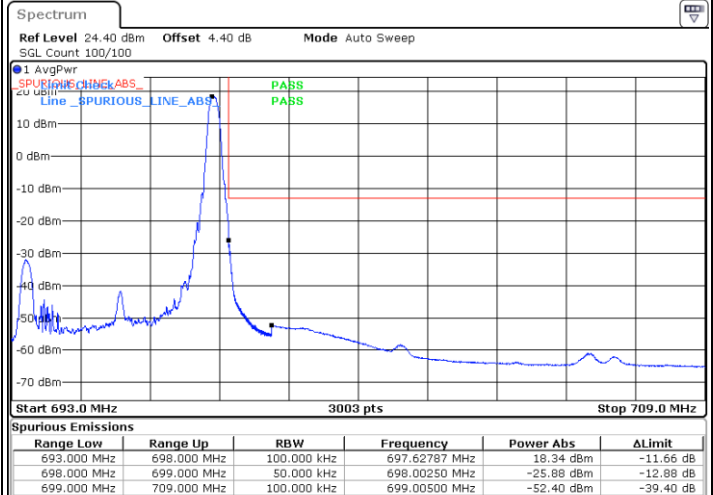


LTE Band 71 / 5MHz / 64QAM

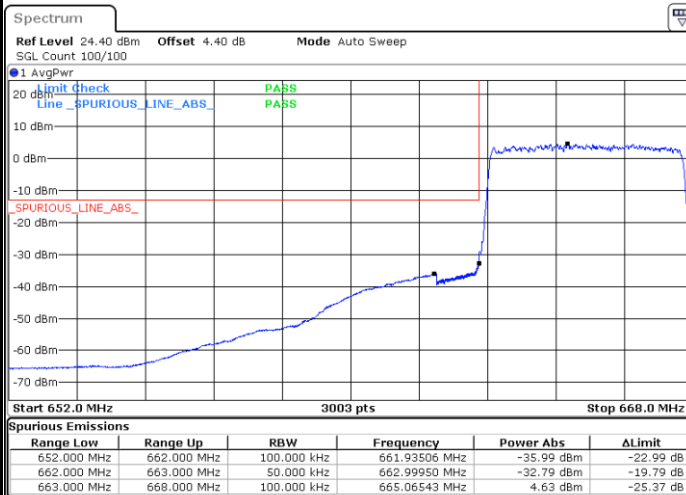
Lowest Band Edge / 1 RB



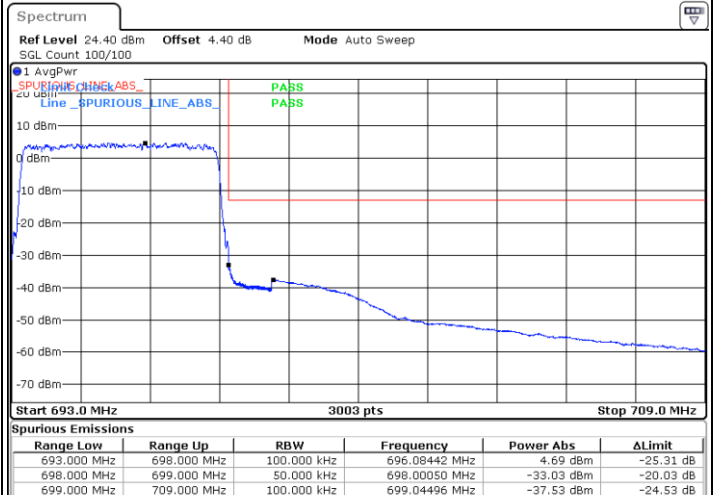
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



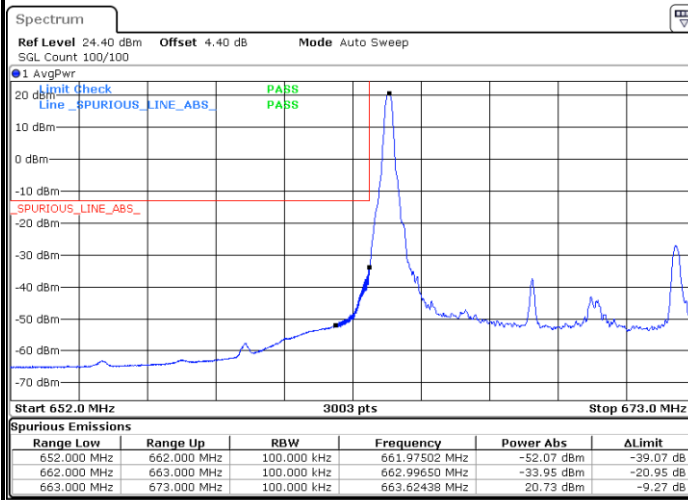
Highest Band Edge / Full RB



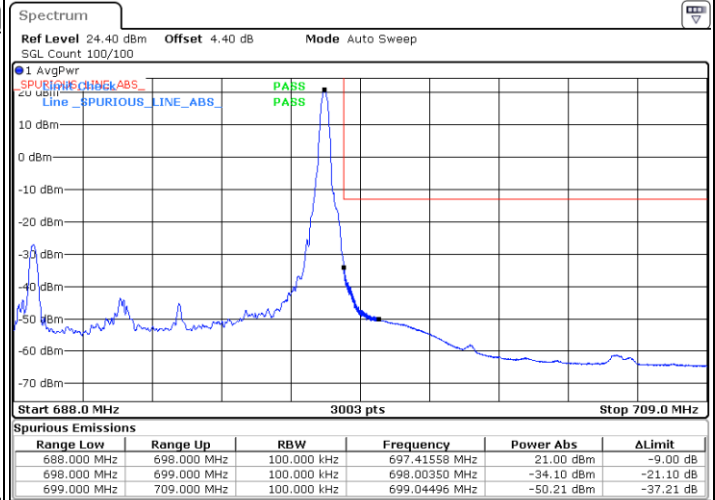


LTE Band 71 / 10MHz / QPSK

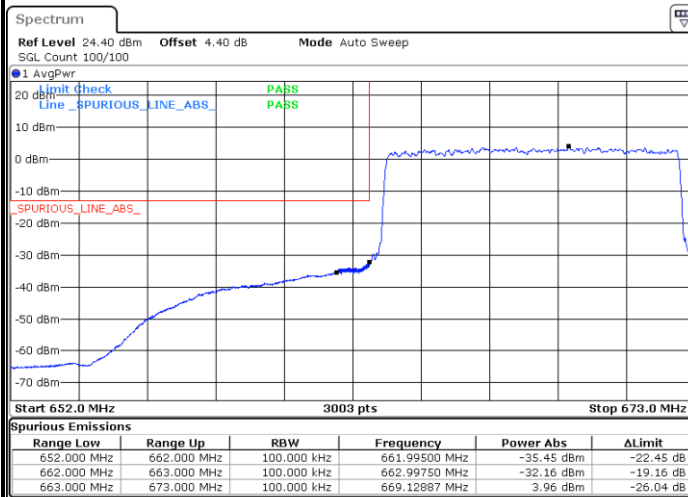
Lowest Band Edge / 1 RB



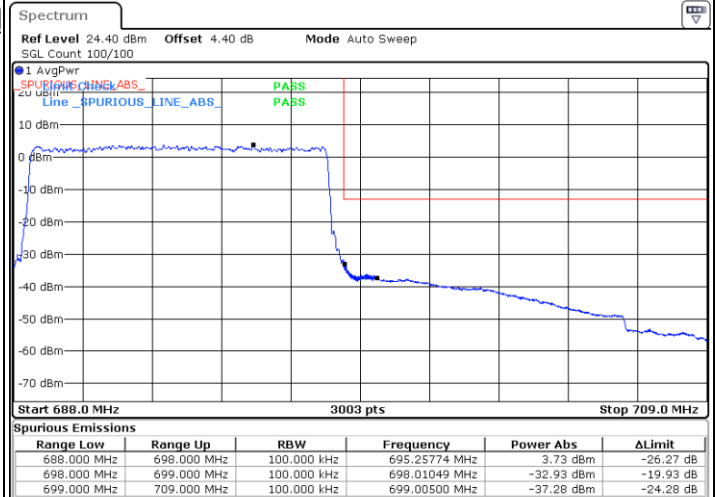
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



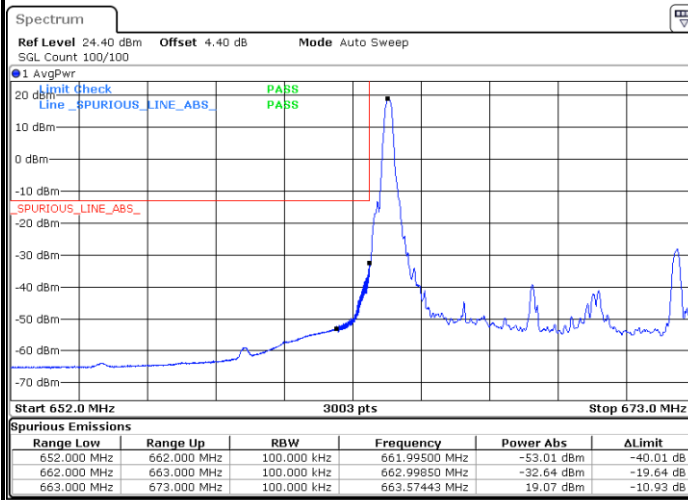
Highest Band Edge / Full RB



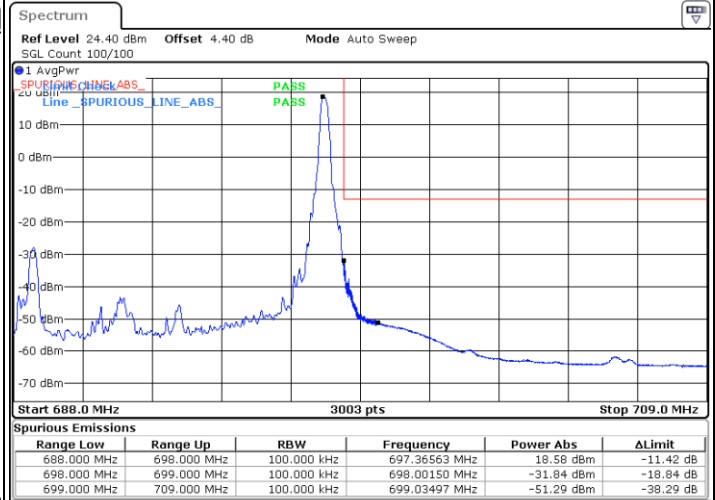


LTE Band 71 / 10MHz / 16QAM

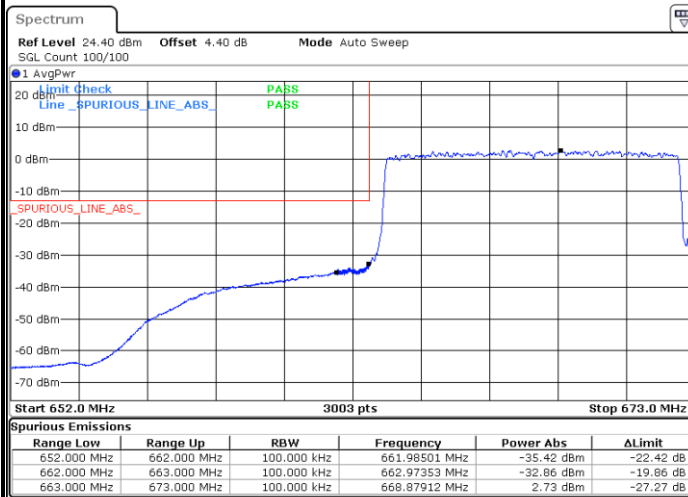
Lowest Band Edge / 1 RB



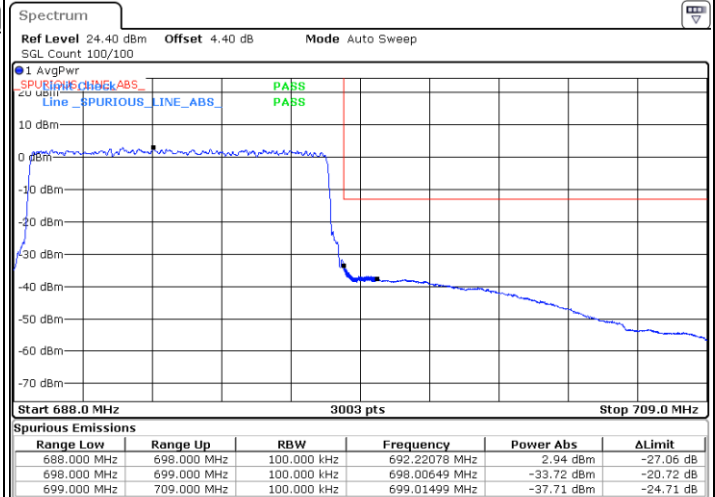
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



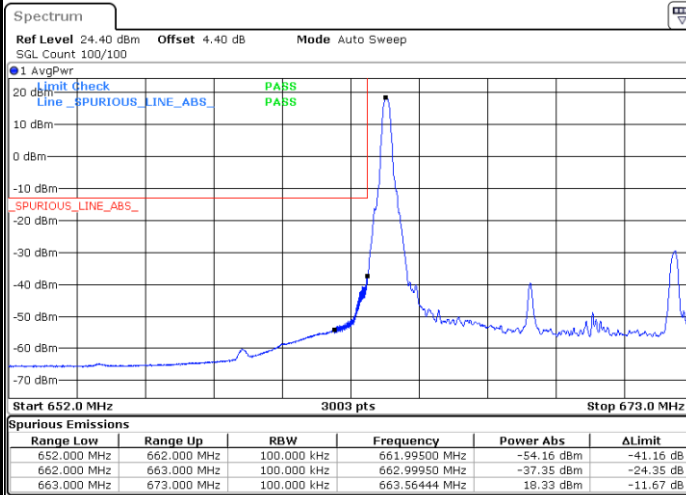
Highest Band Edge / Full RB



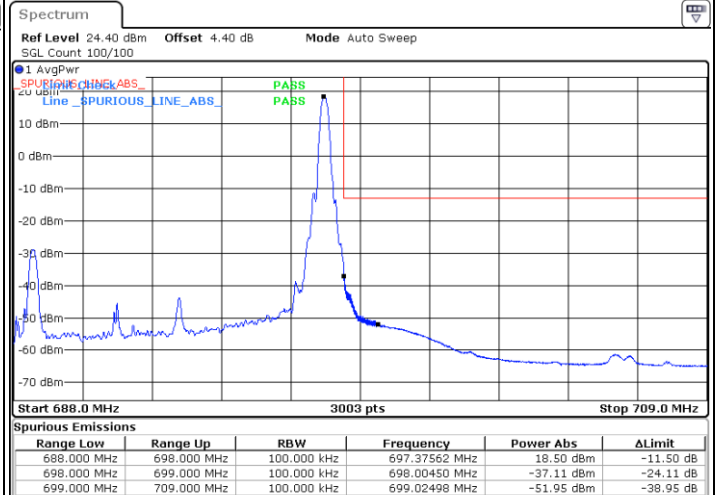


LTE Band 71 / 10MHz / 64QAM

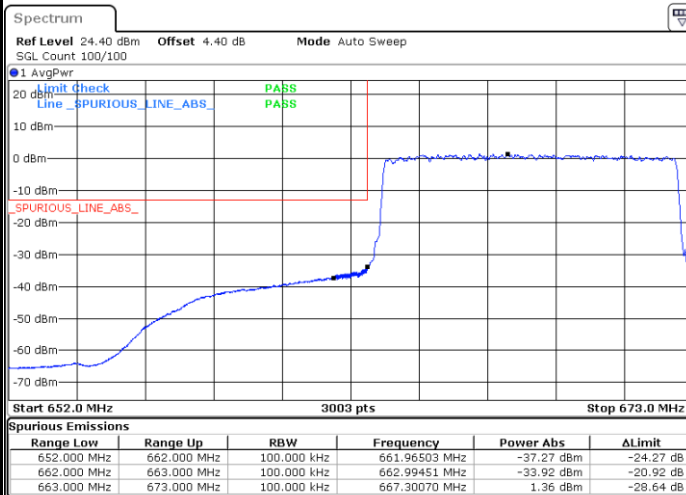
Lowest Band Edge / 1 RB



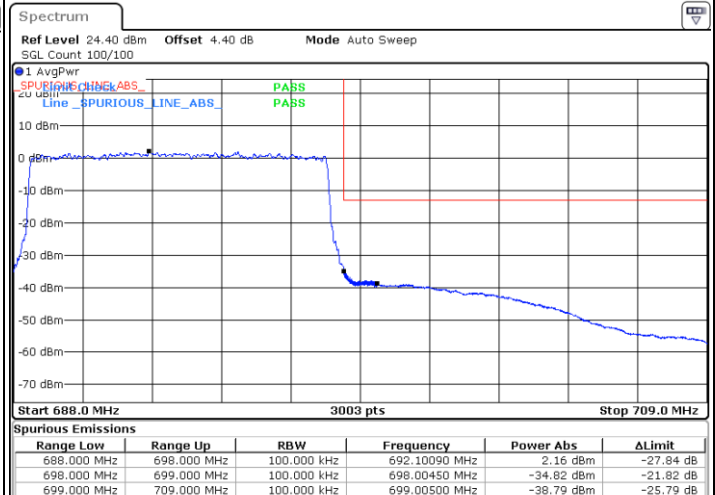
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



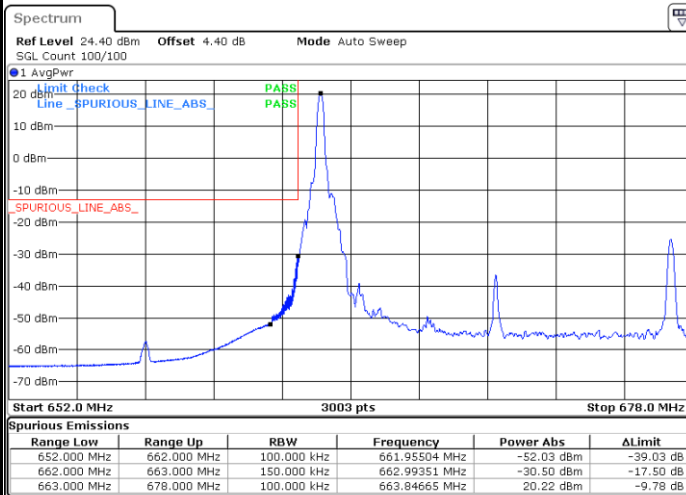
Highest Band Edge / Full RB



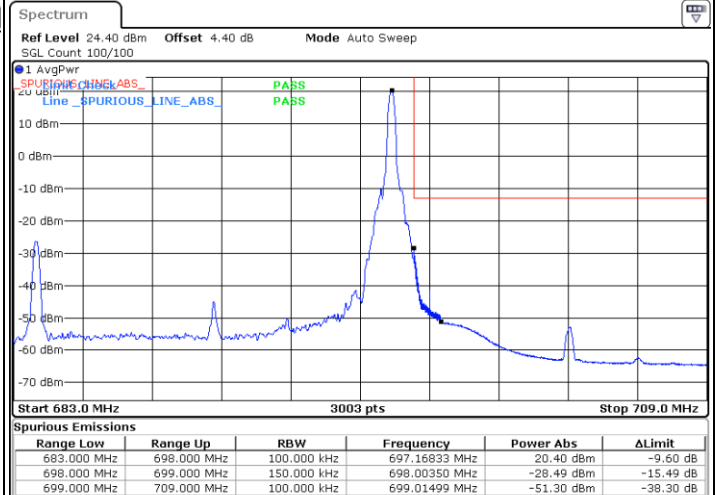


LTE Band 71 / 15MHz / QPSK

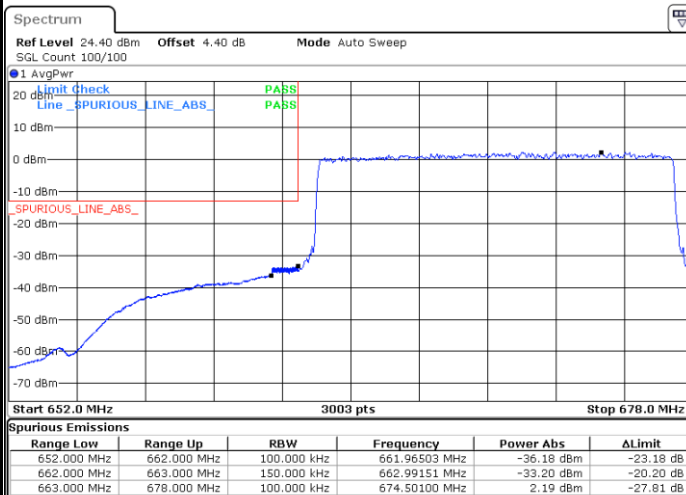
Lowest Band Edge / 1 RB



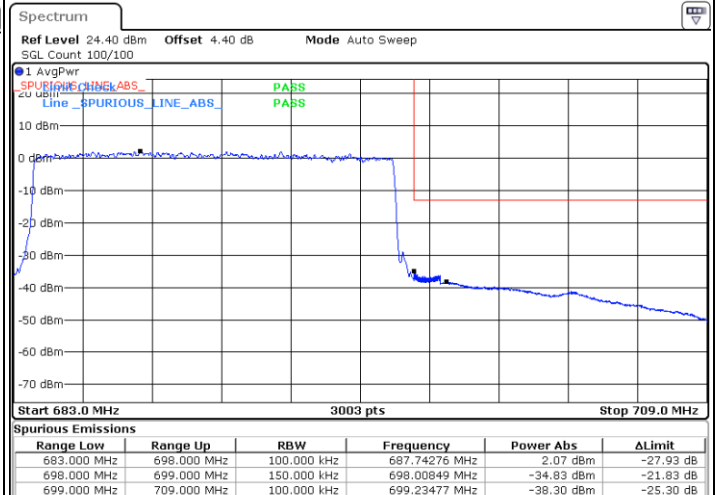
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



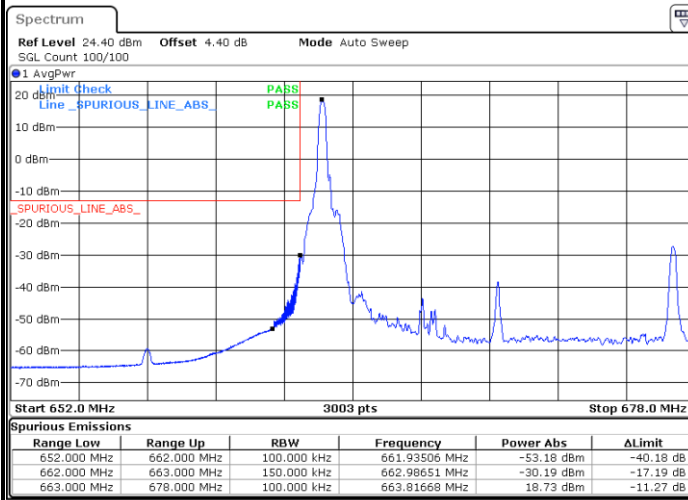
Highest Band Edge / Full RB



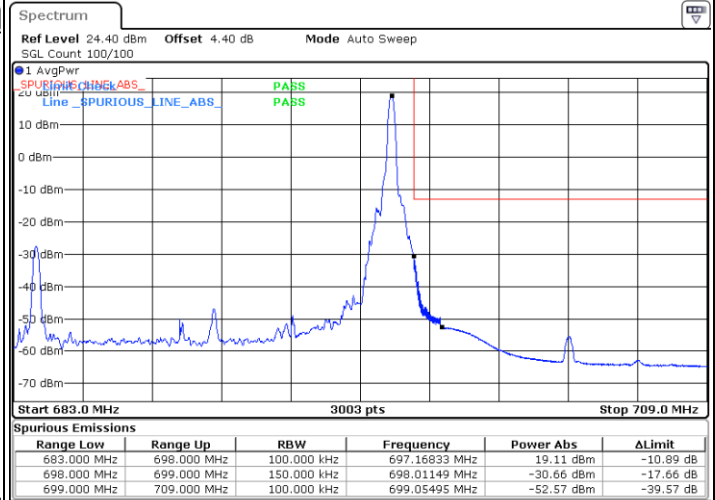


LTE Band 71 / 15MHz / 16QAM

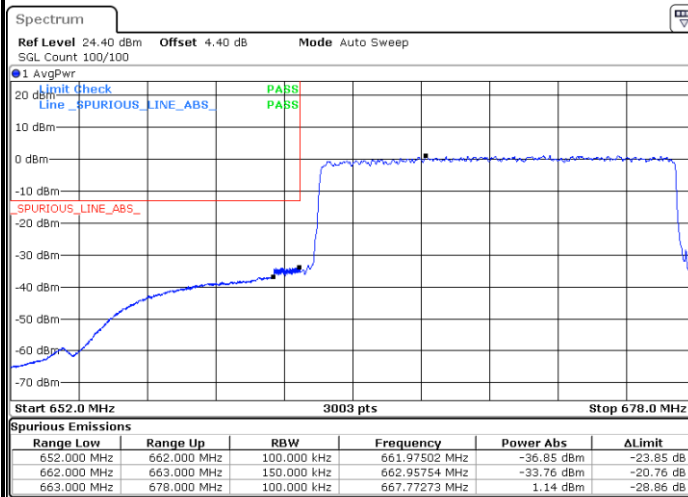
Lowest Band Edge / 1 RB



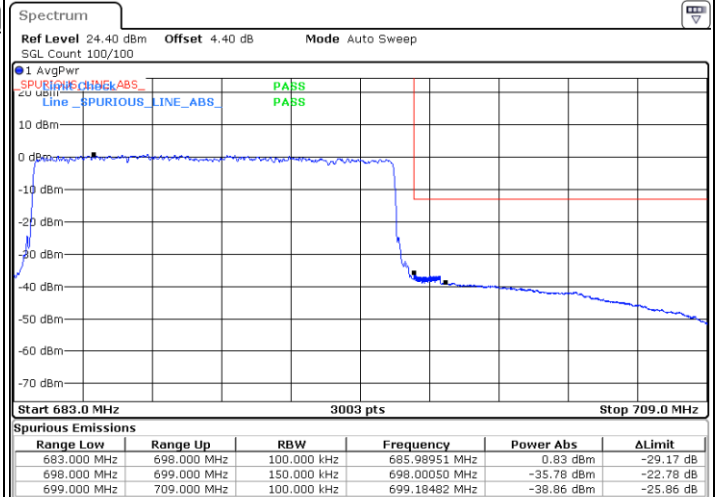
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



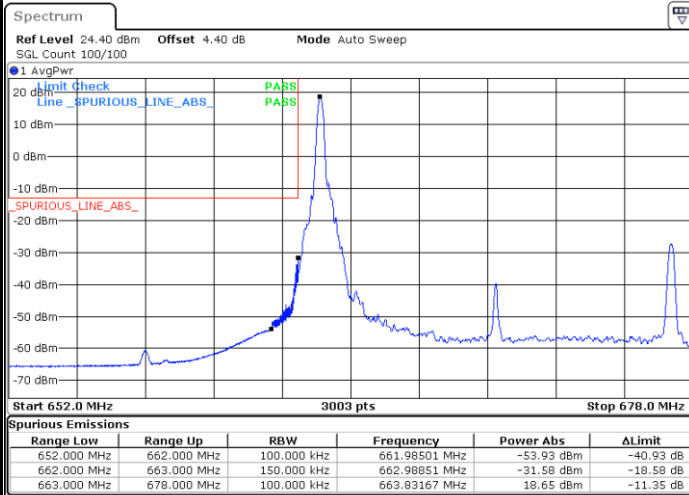
Highest Band Edge / Full RB



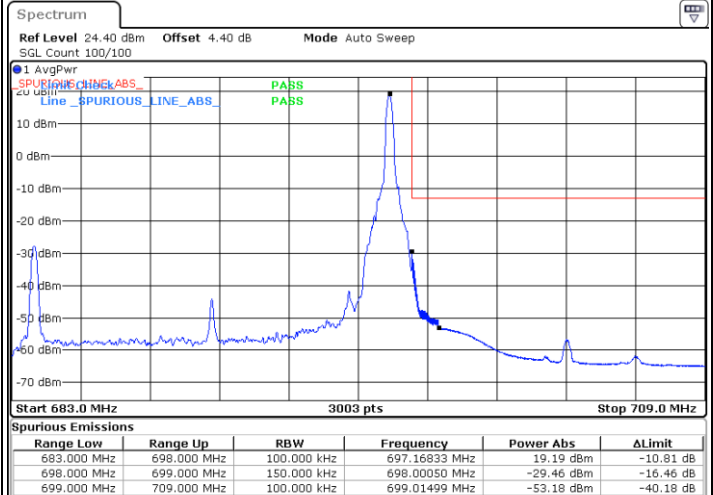


LTE Band 71 / 15MHz / 64QAM

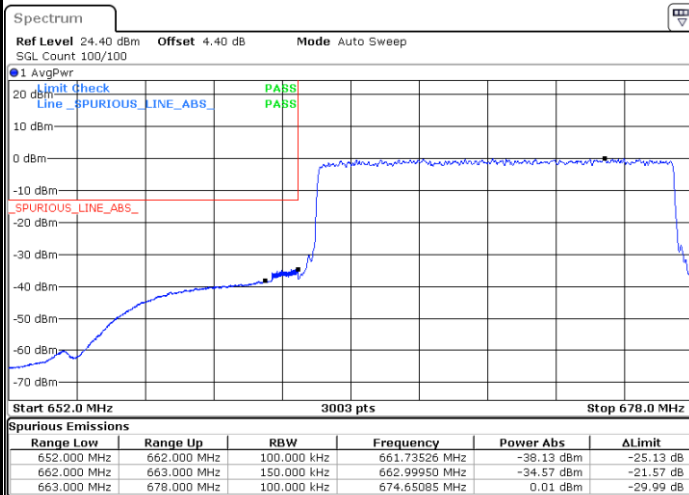
Lowest Band Edge / 1 RB



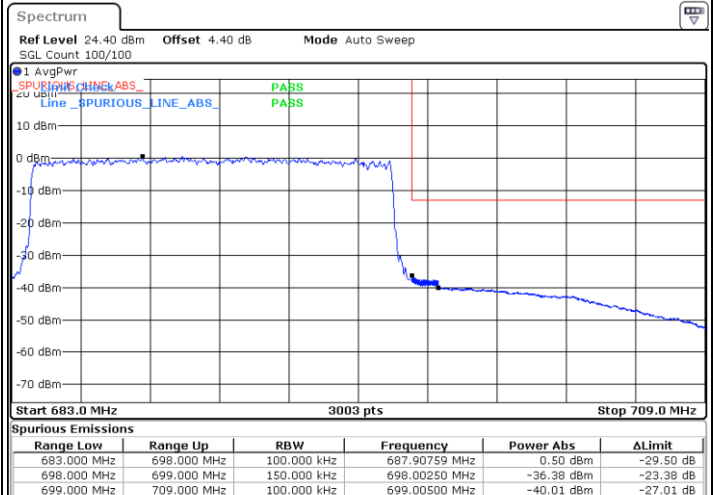
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



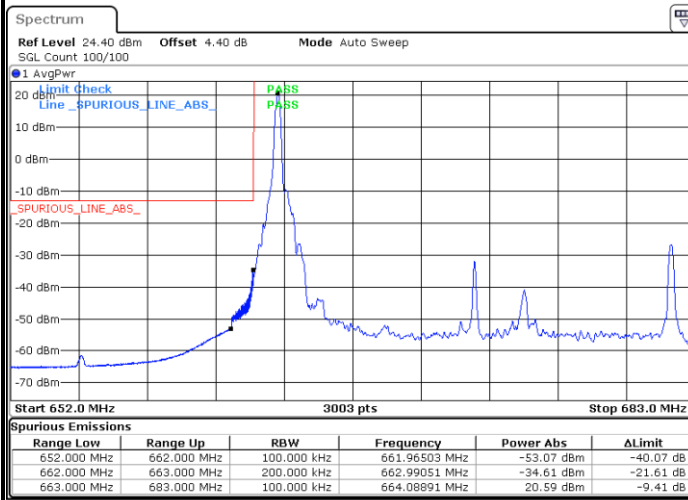
Highest Band Edge / Full RB



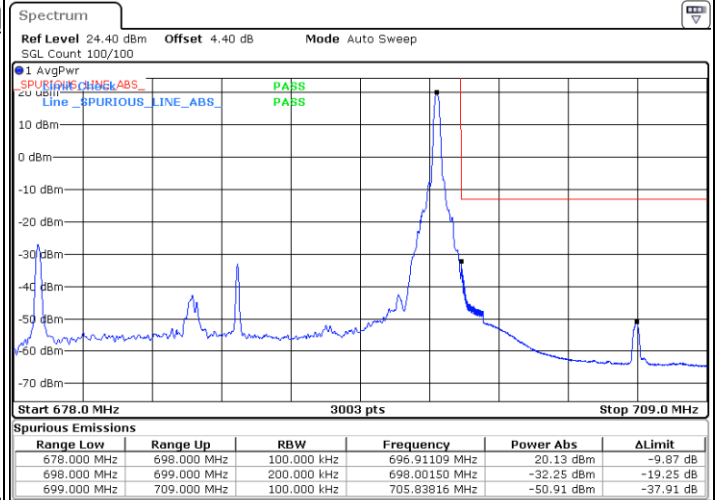


LTE Band 71 / 20MHz / QPSK

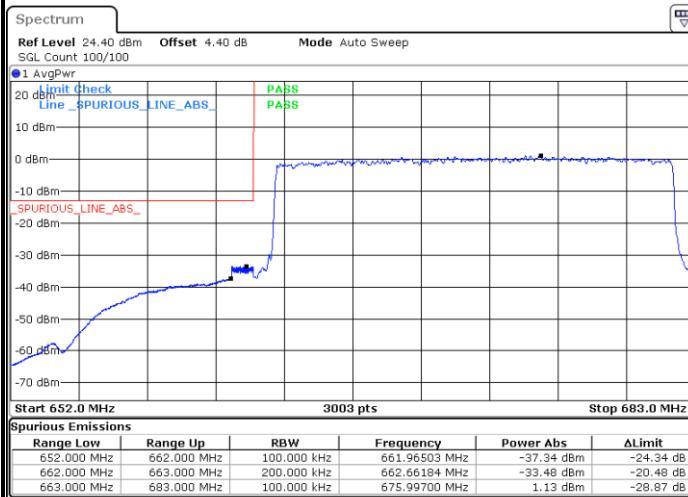
Lowest Band Edge / 1 RB



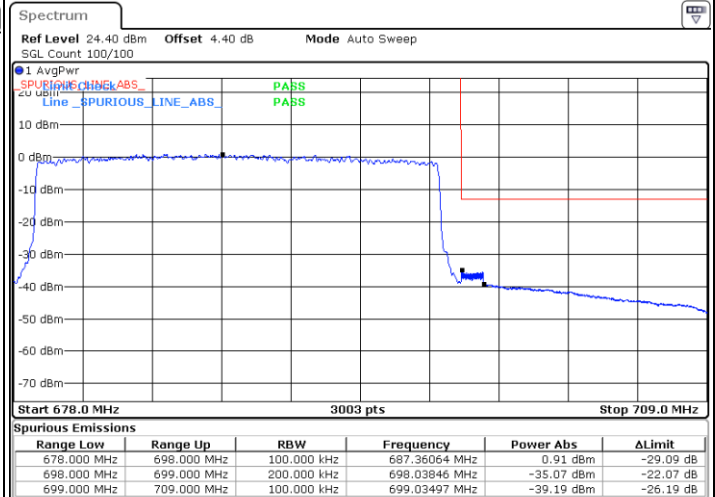
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



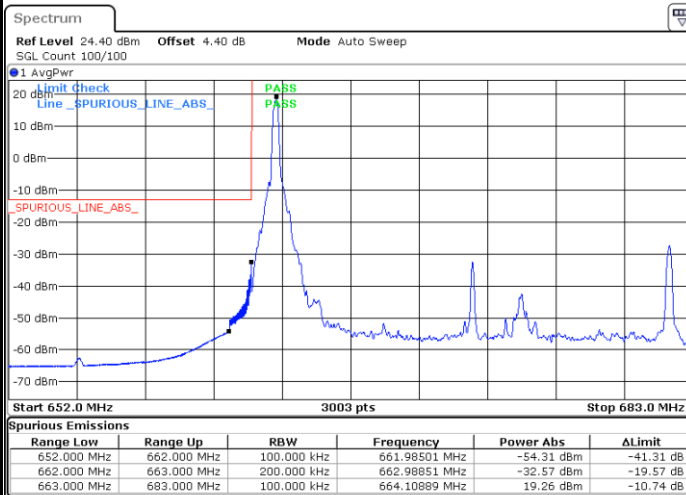
Highest Band Edge / Full RB



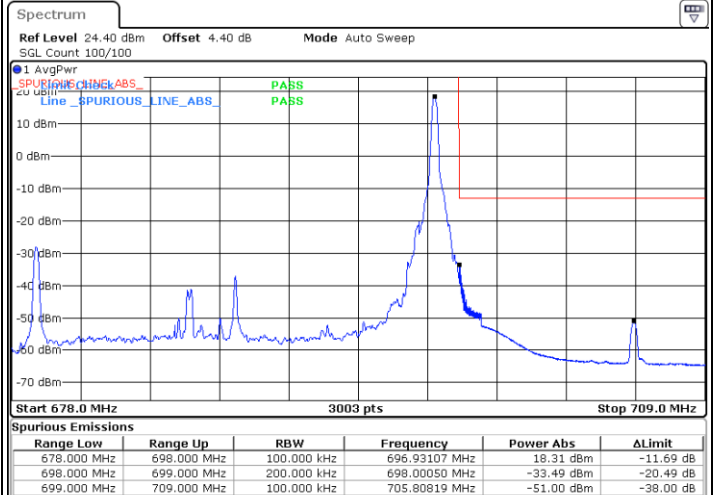


LTE Band 71 / 20MHz / 16QAM

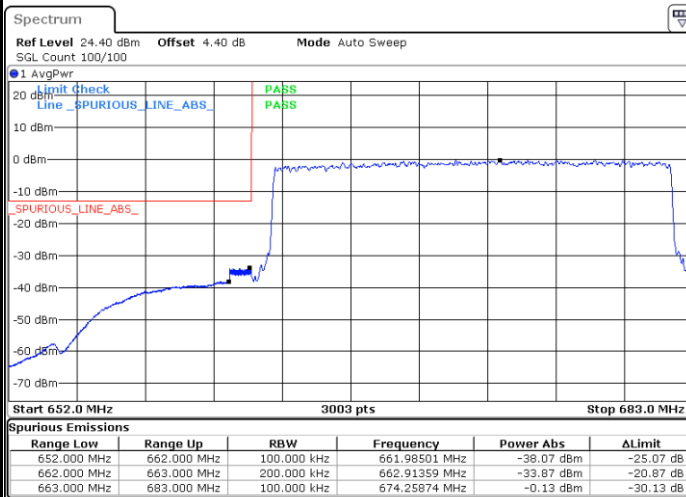
Lowest Band Edge / 1 RB



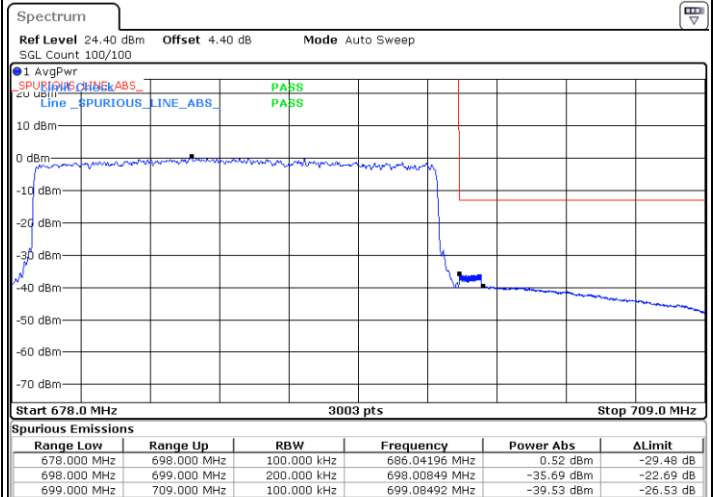
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



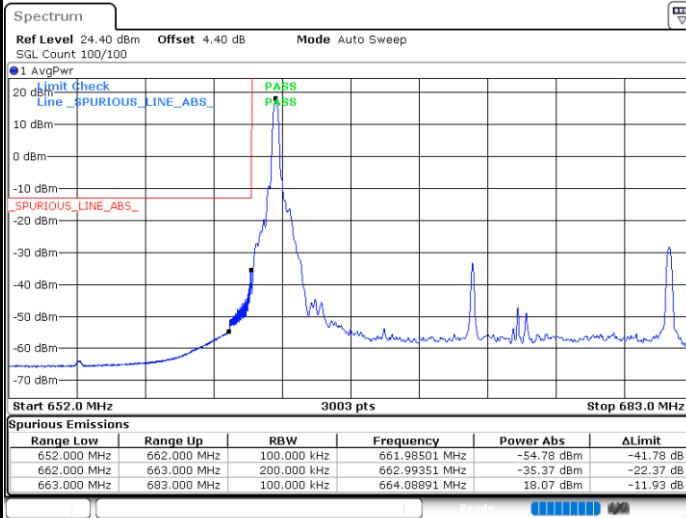
Highest Band Edge / Full RB



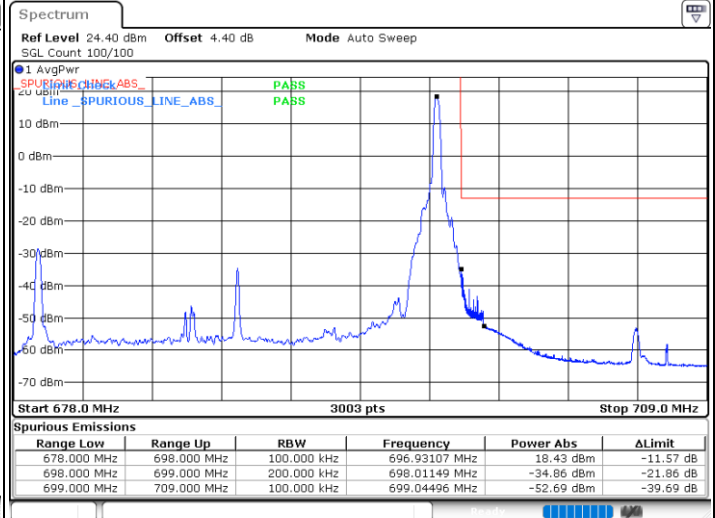


LTE Band 71 / 20MHz / 64QAM

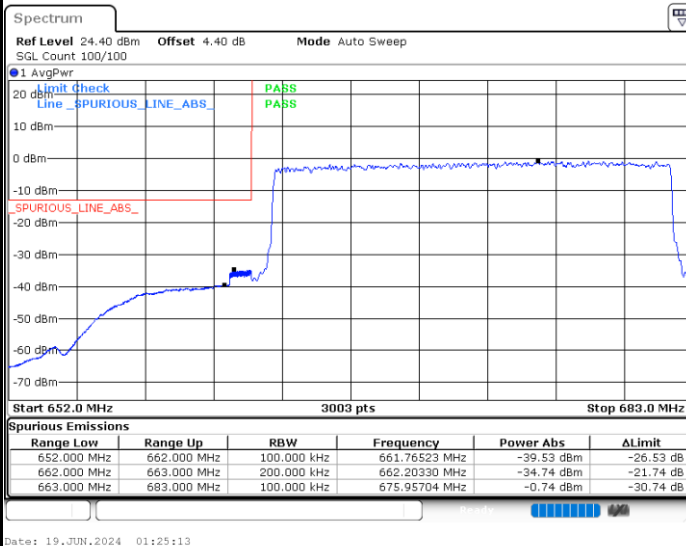
Lowest Band Edge / 1 RB



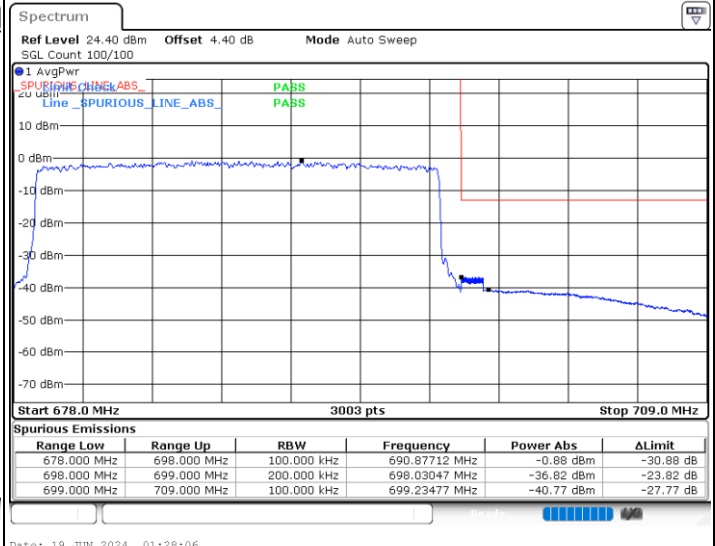
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

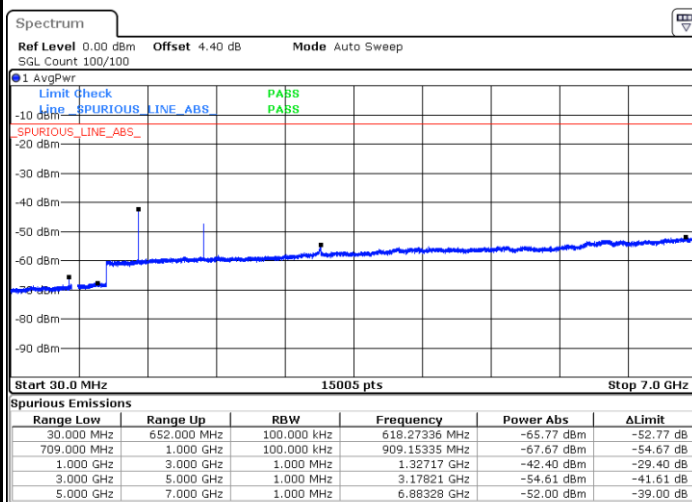




Conducted Spurious Emission

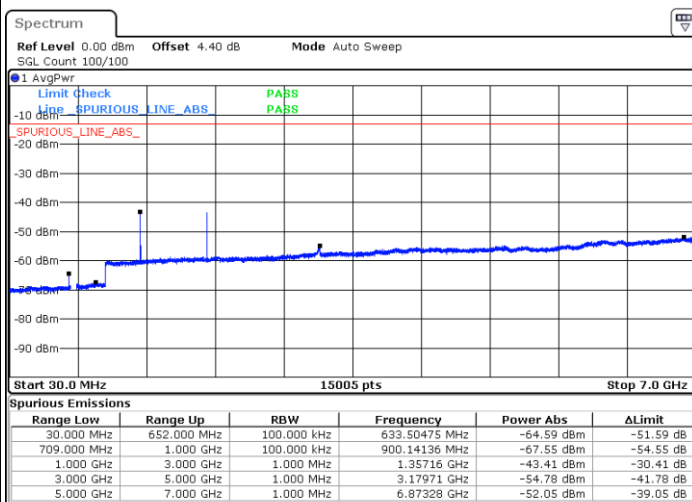
LTE Band 71 / 5MHz

Lowest Channel / QPSK



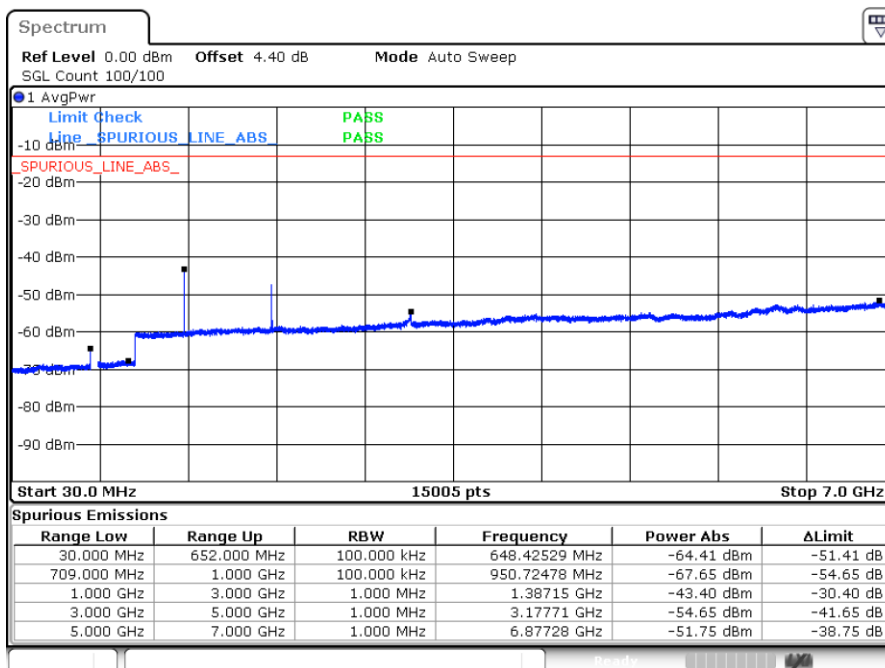
Date: 28.MAY.2024 03:39:52

Middle Channel / QPSK



Date: 28.MAY.2024 03:46:18

Highest Channel / QPSK



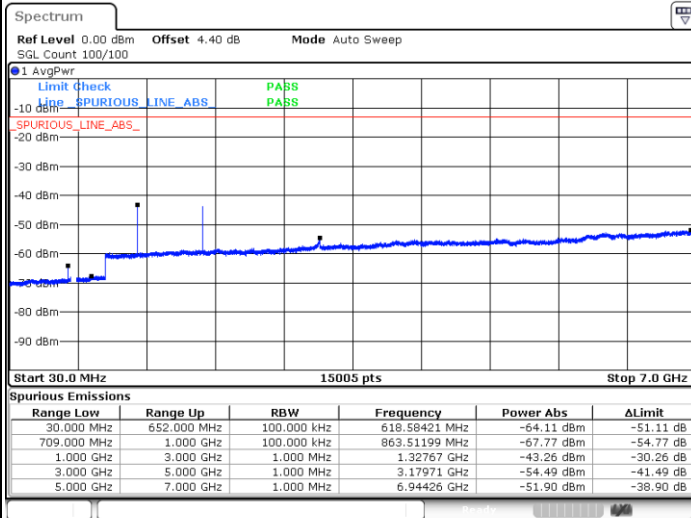
Date: 28.MAY.2024 03:48:36



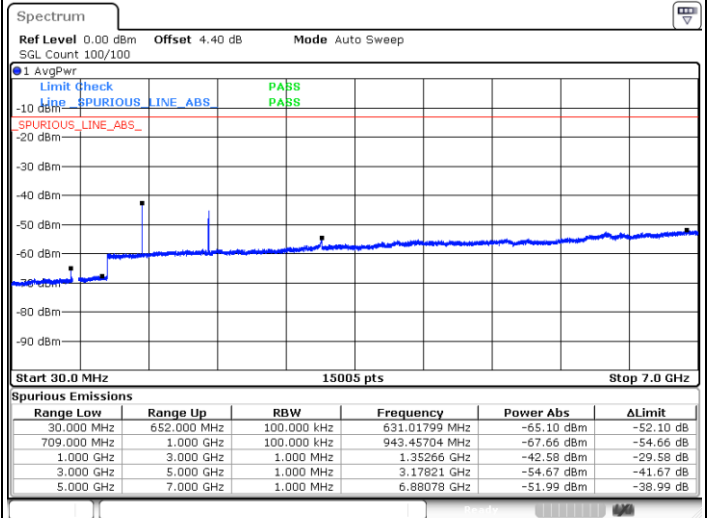
LTE Band 71 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

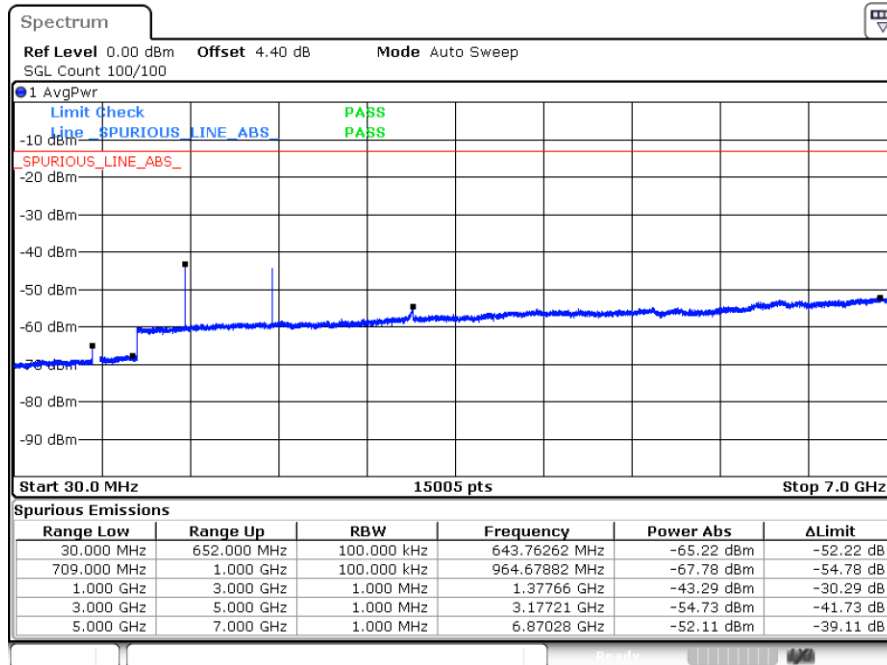


Date: 28.MAY.2024 04:00:30



Date: 28.MAY.2024 04:01:24

Highest Channel / QPSK

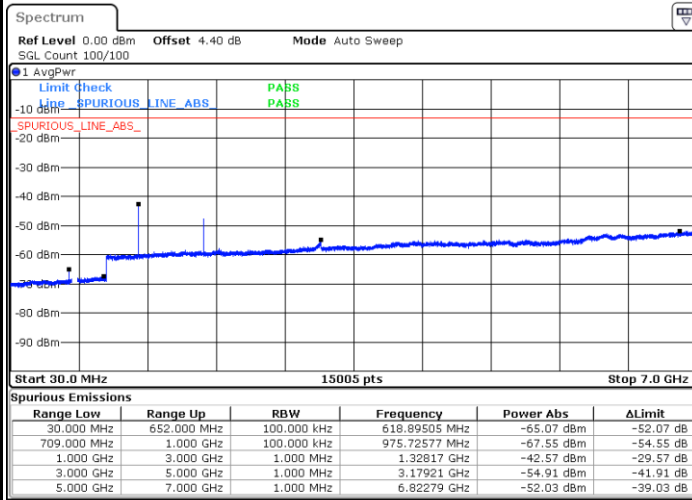


Date: 28.MAY.2024 04:03:42



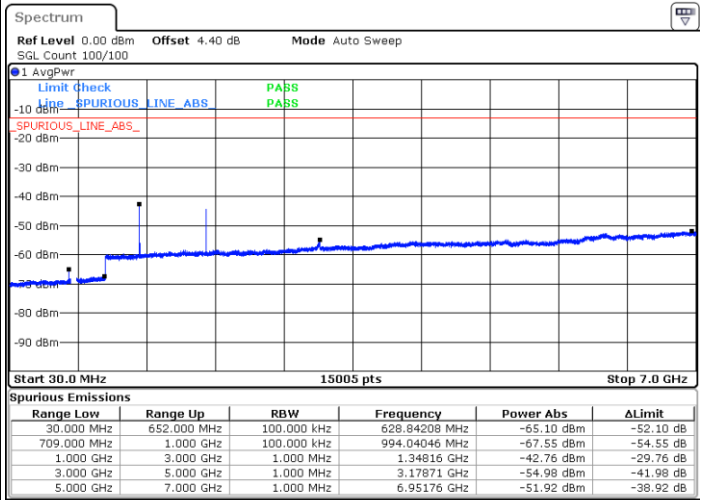
LTE Band 71 / 15MHz

Lowest Channel / QPSK



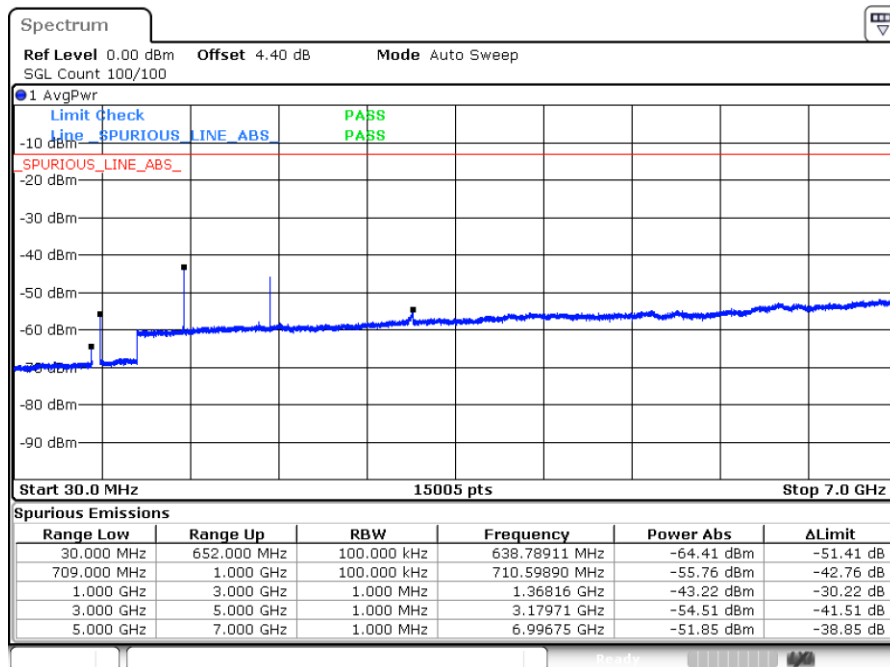
Date: 28.MAY.2024 04:15:40

Middle Channel / QPSK



Date: 28.MAY.2024 04:16:35

Highest Channel / QPSK



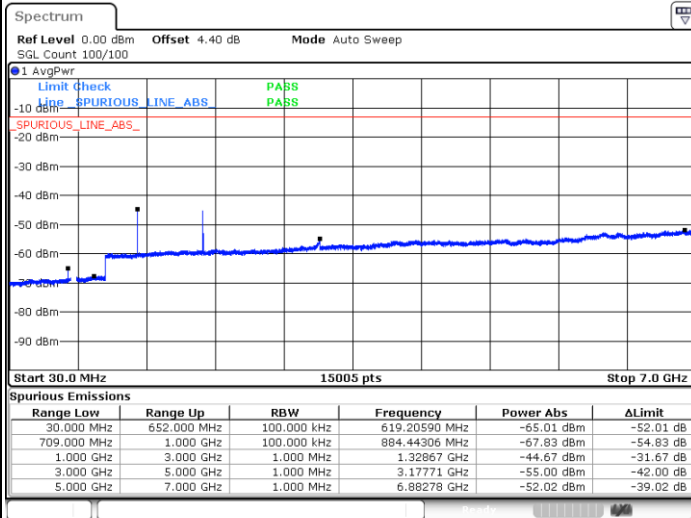
Date: 28.MAY.2024 04:18:52



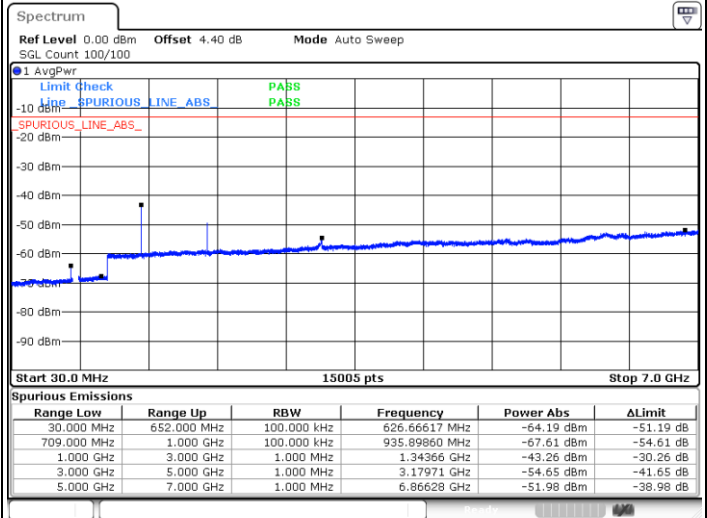
LTE Band 71 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

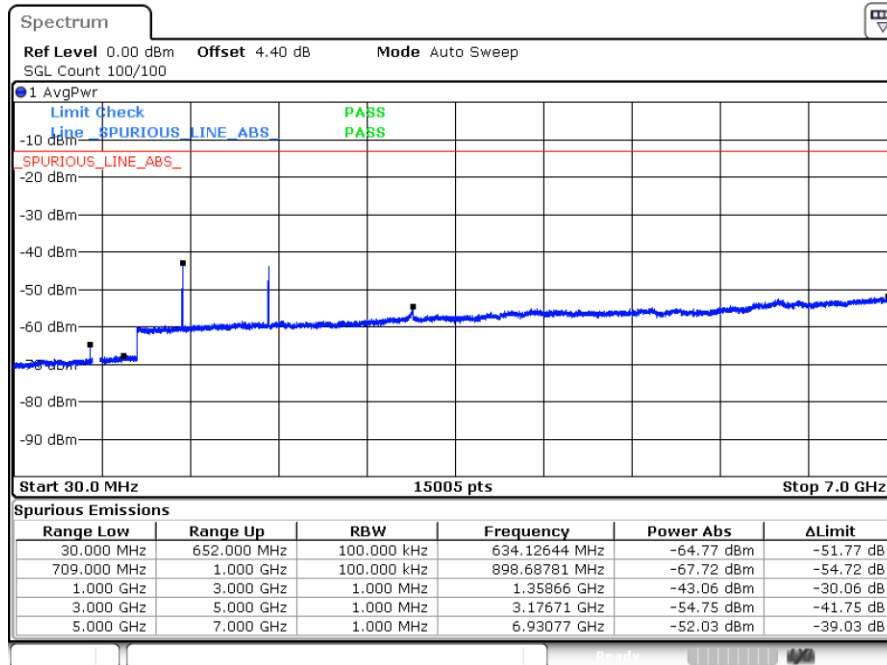


Date: 28.MAY.2024 04:30:51



Date: 28.MAY.2024 04:31:45

Highest Channel / QPSK



Date: 28.MAY.2024 04:34:03

**Frequency Stability**

Test Conditions		LTE Band 71 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0021	PASS
40	Normal Voltage	0.0013	
30	Normal Voltage	0.0029	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0008	
0	Normal Voltage	0.0035	
-10	Normal Voltage	0.0041	
-20	Normal Voltage	0.0015	
-30	Normal Voltage	0.0004	
20	Maximum Voltage	0.0008	
20	Normal Voltage	0.0021	
20	Battery End Point	0.0024	

Note:

1. Normal Voltage =7.2 V. ; Battery End Point (BEP) =6.6 V. ; Maximum Voltage =8.26 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

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

LTE Band 7 / 20MHz / QPSK								
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	5008	-60.31	-25	-35.31	-70.52	3.03	13.24	H
	7500	-56.49	-25	-31.49	-65.94	3.56	13.01	H
	10006	-61.71	-25	-36.71	-71.23	3.92	13.44	H
	5008	-61.67	-25	-36.67	-71.88	3.03	13.24	V
	7500	-53.34	-25	-28.34	-62.79	3.56	13.01	V
	10006	-61.66	-25	-36.66	-71.18	3.92	13.44	V
Middle	5050	-60.12	-25	-35.12	-70.33	3.03	13.24	H
	7584	-58.83	-25	-33.83	-68.28	3.56	13.01	H
	10104	-61.74	-25	-36.74	-71.26	3.92	13.44	H
	5050	-63.18	-25	-38.18	-73.39	3.03	13.24	V
	7584	-56.26	-25	-31.26	-65.71	3.56	13.01	V
	10104	-62.17	-25	-37.17	-71.69	3.92	13.44	V
Highest	5106	-59.94	-25	-34.94	-70.15	3.03	13.24	H
	7654	-52.00	-25	-27.00	-61.45	3.56	13.01	H
	10202	-61.86	-25	-36.86	-71.38	3.92	13.44	H
	5106	-62.45	-25	-37.45	-72.66	3.03	13.24	V
	7654	-50.94	-25	-25.94	-60.39	3.56	13.01	V
	10202	-61.75	-25	-36.75	-71.27	3.92	13.44	V

LTE Band 12 / 10MHz / QPSK								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1400	-36.04	-13	-23.04	-43.01	1.58	10.70	H
	2096	-50.79	-13	-37.79	-59.04	2.102	12.50	H
	2800	-59.21	-13	-46.21	-68.10	2.856	13.90	H
	1400	-33.57	-13	-20.57	-40.54	1.58	10.70	V
	2096	-46.06	-13	-33.06	-54.31	2.10	12.50	V
	2800	-58.00	-13	-45.00	-66.89	2.86	13.90	V
Middle	1408	-35.51	-13	-22.51	-42.48	1.58	10.70	H
	2112	-47.89	-13	-34.89	-56.14	2.102	12.50	H
	2808	-59.42	-13	-46.42	-68.31	2.856	13.90	H
	1408	-33.77	-13	-20.77	-40.74	1.58	10.70	V
	2112	-43.29	-13	-30.29	-51.54	2.10	12.50	V
	2808	-58.25	-13	-45.25	-67.14	2.86	13.90	V
Highest	1416	-35.29	-13	-22.29	-42.26	1.58	10.70	H
	2120	-50.63	-13	-37.63	-58.88	2.102	12.50	H
	2824	-60.05	-13	-47.05	-68.94	2.856	13.90	H
	1416	-35.70	-13	-22.70	-42.67	1.58	10.70	V
	2120	-46.03	-13	-33.03	-54.28	2.10	12.50	V
	2824	-58.20	-13	-45.20	-67.09	2.86	13.90	V

LTE Band 13 / 5MHz / QPSK								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1552	-52.96	-13	-39.96	-55.59	1.09	5.87	H
	2328	-50.28	-13	-37.28	-52.68	1.37	5.92	H
	3112	-60.96	-13	-47.96	-64.85	1.64	7.68	H
	1552	-51.39	-13	-38.39	-54.02	1.09	5.87	V
	2328	-54.27	-13	-41.27	-56.67	1.37	5.92	V
	3112	-60.76	-13	-47.76	-64.65	1.64	7.68	V
Middle	1560	-53.23	-42.15	-11.08	-55.86	1.09	5.87	H
	2336	-51.37	-13	-38.37	-53.77	1.37	5.92	H
	3120	-59.89	-13	-46.89	-63.78	1.64	7.68	H
	1560	-52.44	-42.15	-10.29	-55.07	1.09	5.87	V
	2336	-46.36	-13	-33.36	-48.76	1.37	5.92	V
	3120	-60.05	-13	-47.05	-63.94	1.64	7.68	V
Highest	1560	-55.60	-42.15	-13.45	-58.23	1.09	5.87	H
	2344	-49.09	-13	-36.09	-51.49	1.37	5.92	H
	3128	-60.61	-13	-47.61	-64.50	1.64	7.68	H
	1560	-51.38	-42.15	-9.23	-54.01	1.09	5.87	V
	2344	-54.92	-13	-41.92	-57.32	1.37	5.92	V
	3128	-60.44	-13	-47.44	-64.33	1.64	7.68	V

LTE Band 13 / 10MHz / QPSK								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1552	-52.56	-13	-39.56	-55.19	1.09	5.87	H
	2336	-49.47	-13	-36.47	-51.87	1.37	5.92	H
	3112	-60.58	-13	-47.58	-64.47	1.64	7.68	H
	1552	-50.94	-13	-37.94	-53.57	1.09	5.87	V
	2336	-54.44	-13	-41.44	-56.84	1.37	5.92	V
	3112	-60.57	-13	-47.57	-64.46	1.64	7.68	V

LTE Band 41 / 20MHz / QPSK								
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	4994	-54.53	-25	-29.53	-64.74	3.03	13.24	H
	7486	-59.63	-25	-34.63	-69.08	3.56	13.01	H
	9992	-61.13	-25	-36.13	-70.65	3.92	13.44	H
	4994	-57.58	-25	-32.58	-67.79	3.03	13.24	V
	7486	-62.73	-25	-37.73	-72.18	3.56	13.01	V
	9992	-61.70	-25	-36.70	-71.22	3.92	13.44	V
Middle	5162	-60.58	-25	-35.58	-70.79	3.03	13.24	H
	7752	-54.54	-25	-29.54	-63.99	3.56	13.01	H
	10342	-61.95	-25	-36.95	-71.47	3.92	13.44	H
	5162	-61.49	-25	-36.49	-71.70	3.03	13.24	V
	7752	-56.17	-25	-31.17	-65.62	3.56	13.01	V
	10342	-62.11	-25	-37.11	-71.63	3.92	13.44	V
Highest	5344	-48.80	-25	-23.80	-59.01	3.03	13.24	H
	8018	-61.40	-25	-36.40	-70.85	3.56	13.01	H
	10678	-61.62	-25	-36.62	-71.14	3.92	13.44	H
	5344	-57.18	-25	-32.18	-67.39	3.03	13.24	V
	8018	-54.99	-25	-29.99	-64.44	3.56	13.01	V
	10678	-60.95	-25	-35.95	-70.47	3.92	13.44	V



LTE Band 71 / 20MHz / QPSK								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1328	-59.50	-13	-46.50	-61.25	1.02	4.92	H
	1992	-62.59	-13	-49.59	-64.56	1.27	5.39	H
	2656	-61.55	-13	-48.55	-64.48	1.49	6.57	H
	1328	-59.98	-13	-46.98	-61.73	1.02	4.92	V
	1992	-62.61	-13	-49.61	-64.58	1.27	5.39	V
	2656	-60.98	-13	-47.98	-63.91	1.49	6.57	V
Middle	1344	-49.03	-13	-36.03	-50.78	1.02	4.92	H
	2024	-61.73	-13	-48.73	-63.70	1.27	5.39	H
	2696	-60.72	-13	-47.72	-63.65	1.49	6.57	H
	1344	-49.94	-13	-36.94	-51.69	1.02	4.92	V
	2024	-61.33	-13	-48.33	-63.30	1.27	5.39	V
	2696	-59.40	-13	-46.40	-62.33	1.49	6.57	V
Highest	1360	-47.82	-13	-34.82	-49.57	1.02	4.92	H
	2040	-60.73	-13	-47.73	-62.70	1.27	5.39	H
	2712	-59.96	-13	-46.96	-62.89	1.49	6.57	H
	1360	-46.56	-13	-33.56	-48.31	1.02	4.92	V
	2040	-61.13	-13	-48.13	-63.10	1.27	5.39	V
	2712	-58.94	-13	-45.94	-61.87	1.49	6.57	V

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