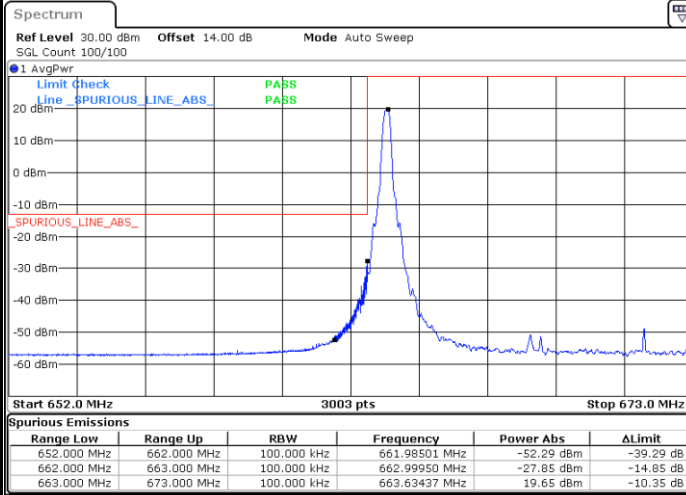


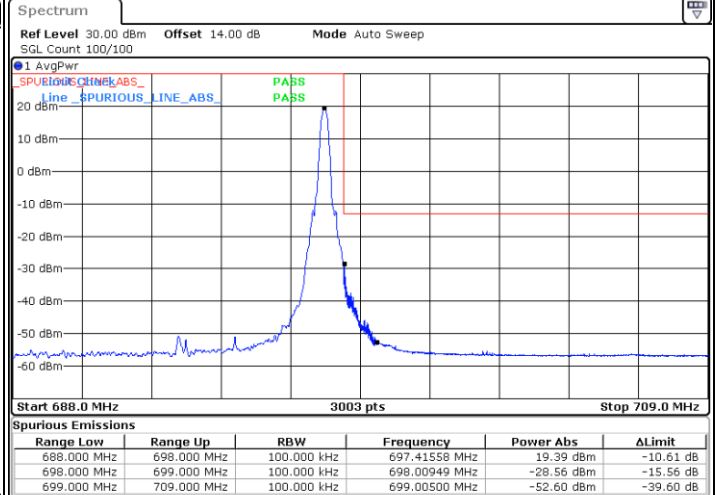


LTE Band 71 / 10MHz / 64QAM

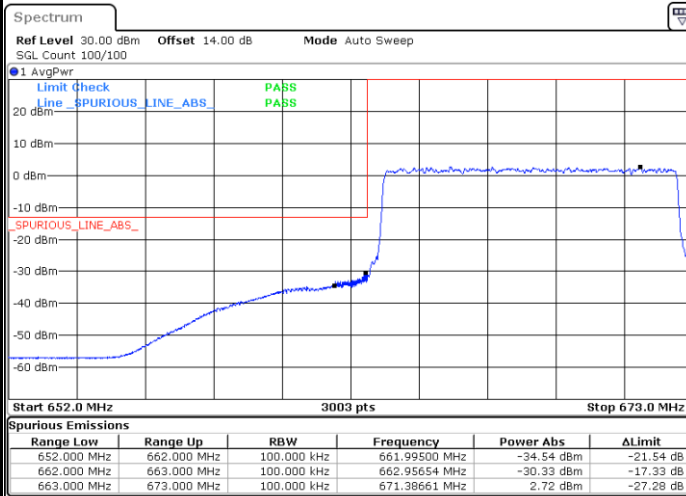
Lowest Band Edge / 1RB



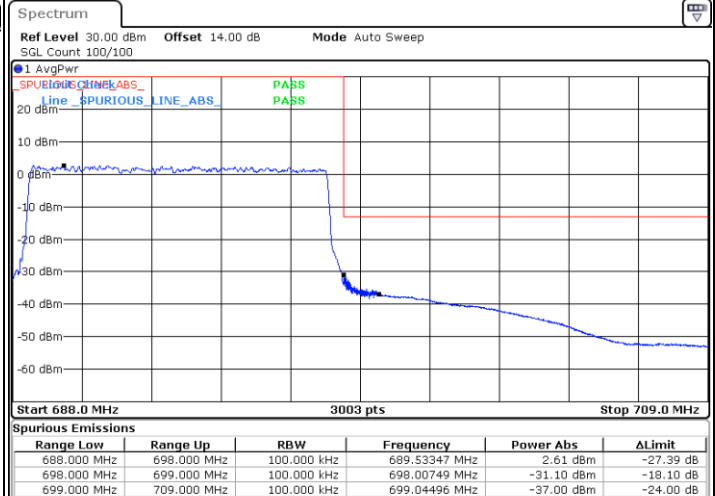
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



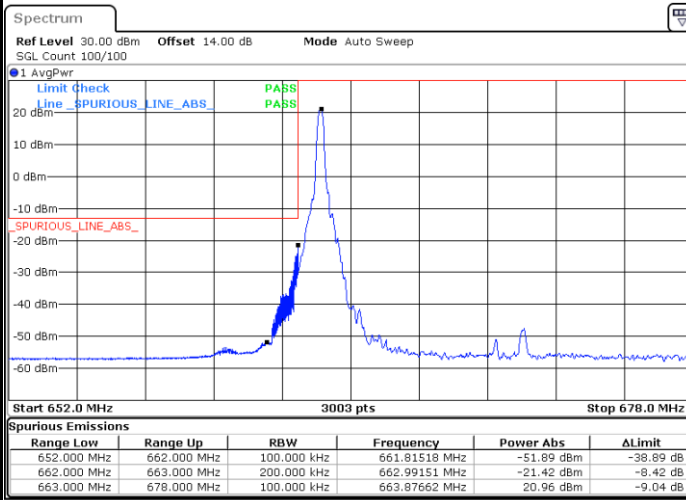
Highest Band Edge / Full RB



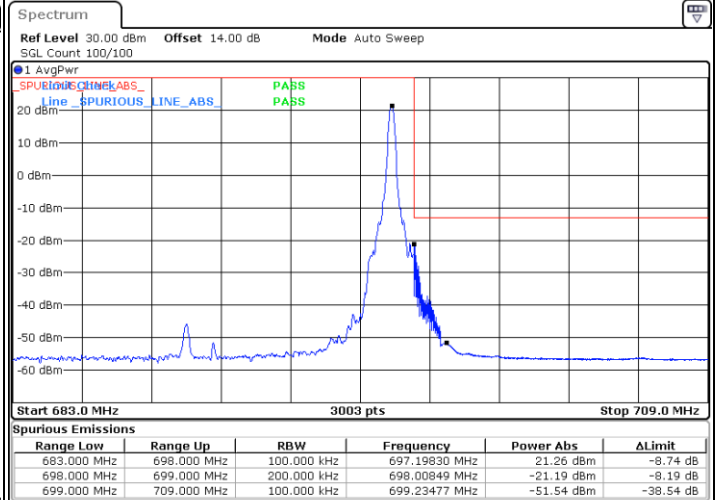


LTE Band 71 / 15MHz / QPSK

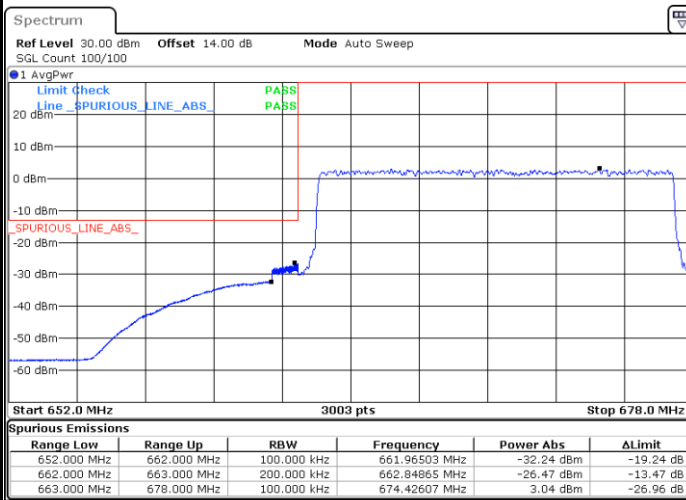
Lowest Band Edge / 1 RB



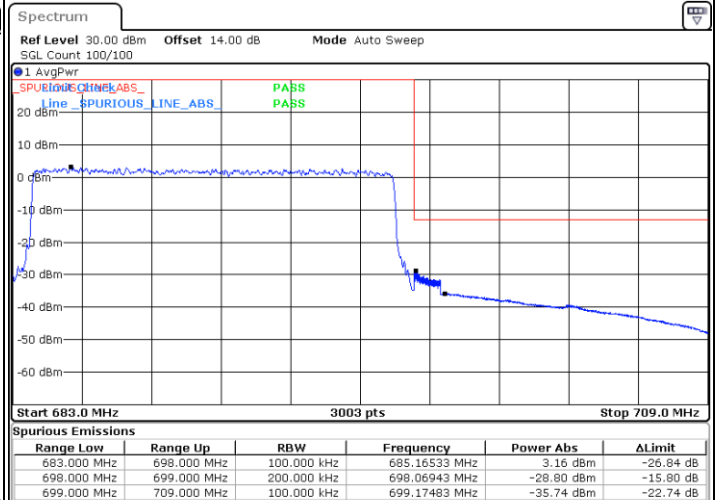
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



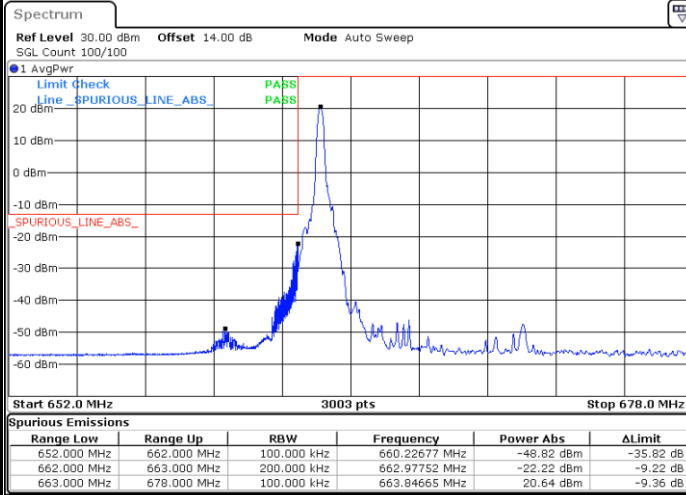
Highest Band Edge / Full RB



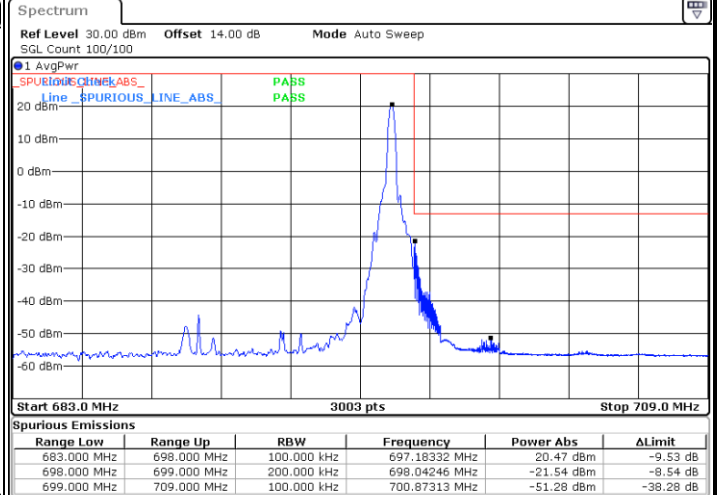


LTE Band 71 / 15MHz / 16QAM

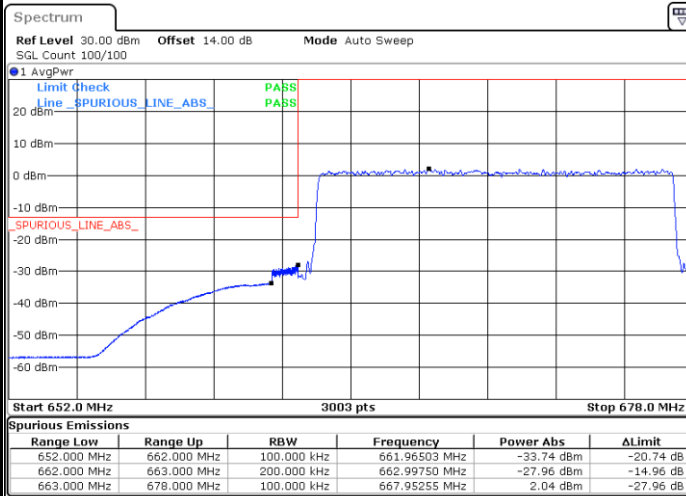
Lowest Band Edge / 1RB



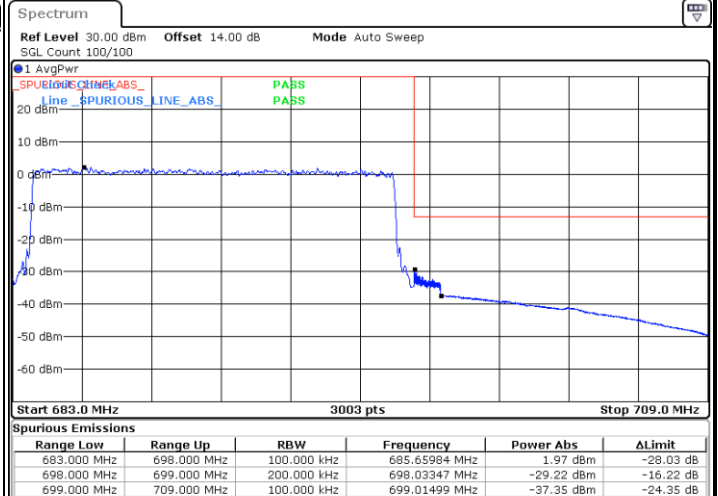
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



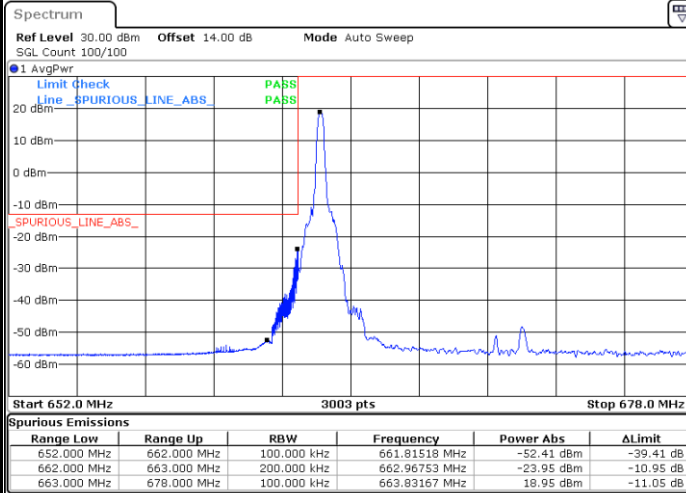
Highest Band Edge / Full RB



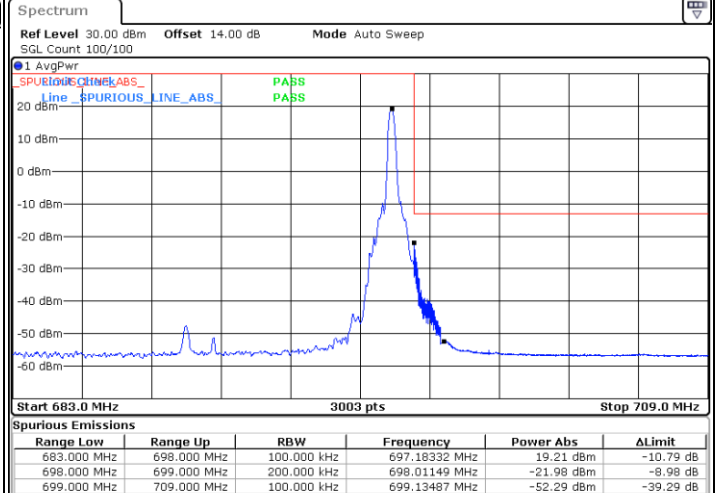


LTE Band 71 / 15MHz / 64QAM

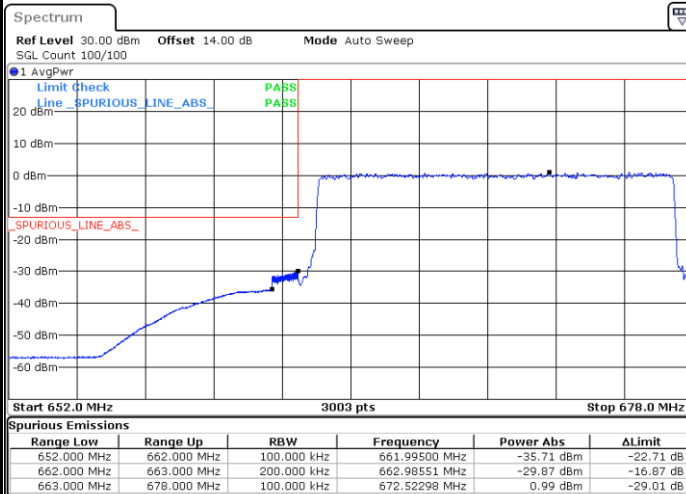
Lowest Band Edge / 1RB



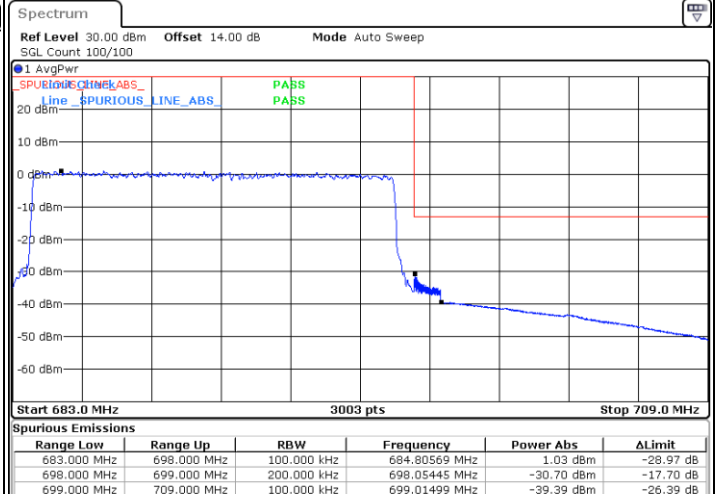
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



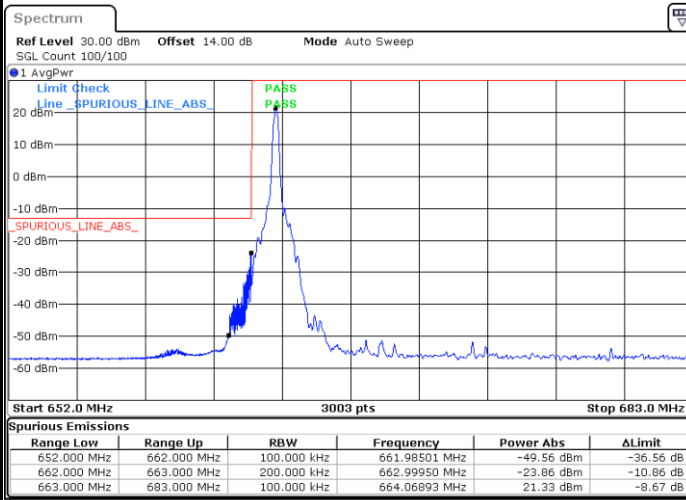
Highest Band Edge / Full RB



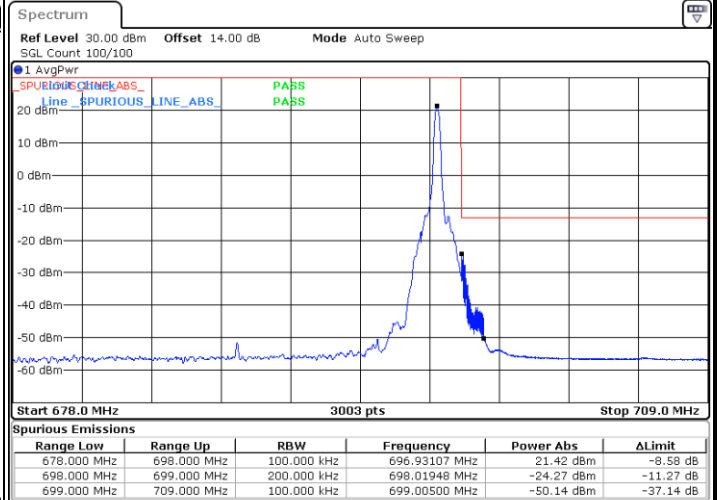


LTE Band 71 / 20MHz / QPSK

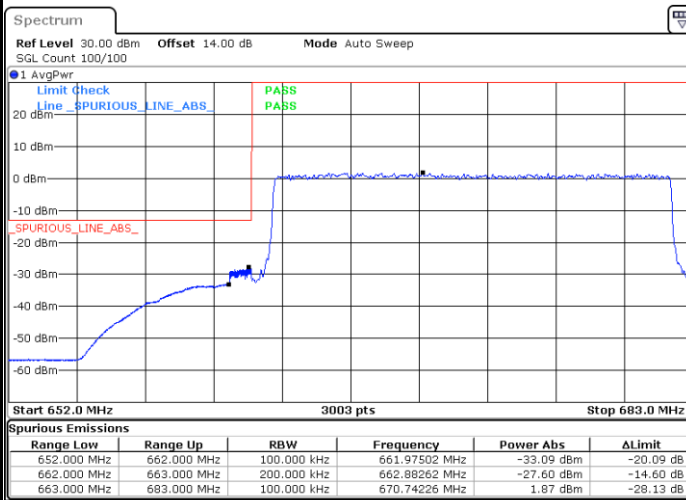
Lowest Band Edge / 1 RB



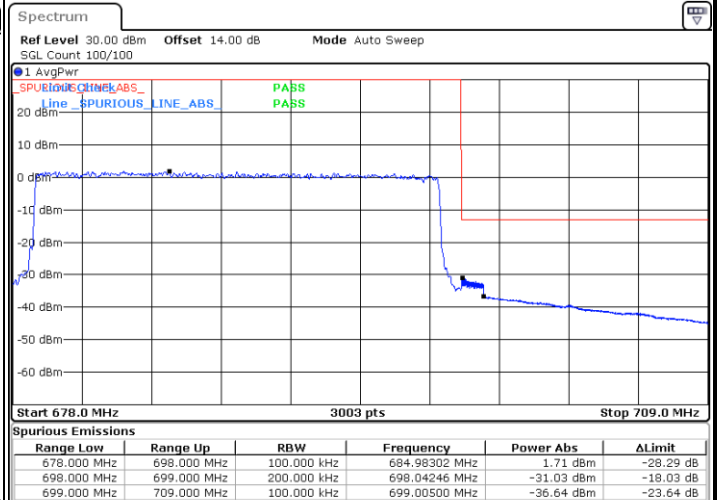
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



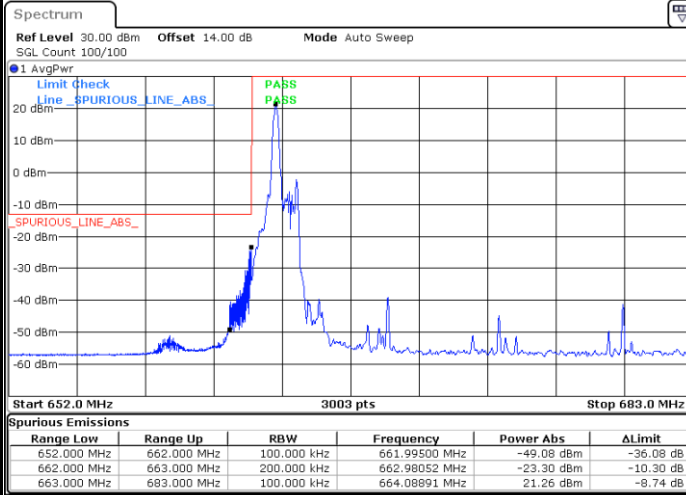
Highest Band Edge / Full RB





LTE Band 71 / 20MHz / 16QAM

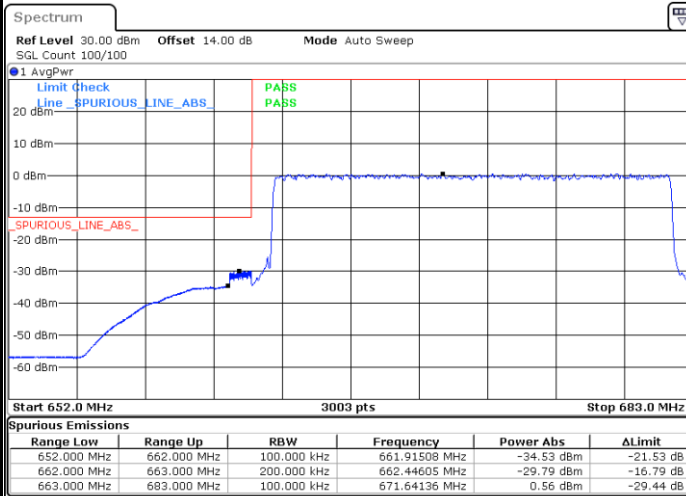
Lowest Band Edge / 1RB



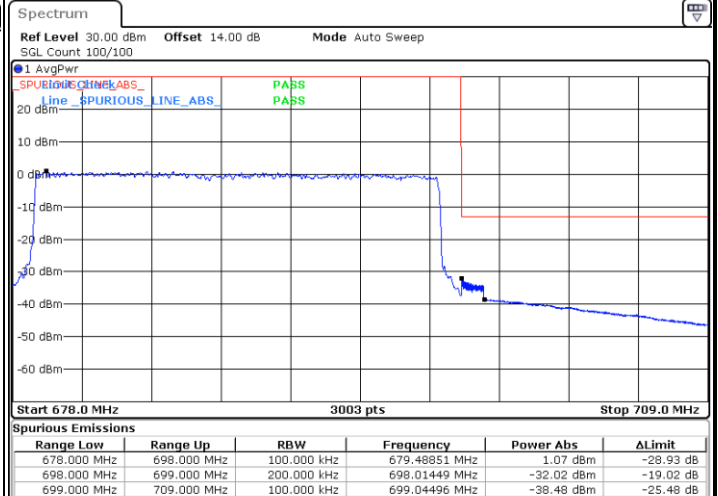
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



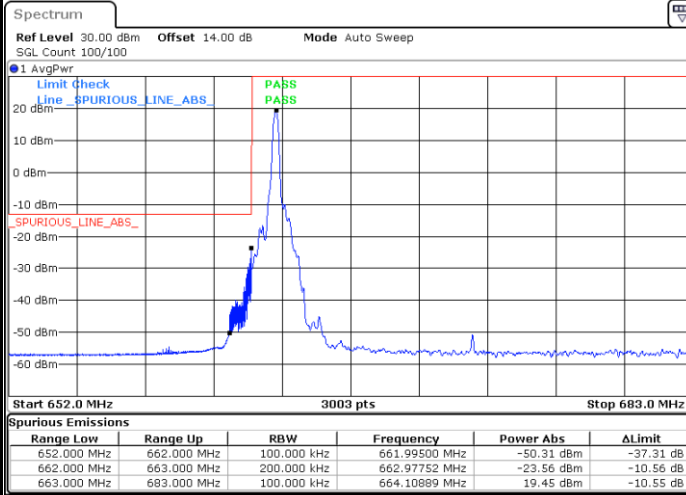
Highest Band Edge / Full RB





LTE Band 71 / 20MHz / 64QAM

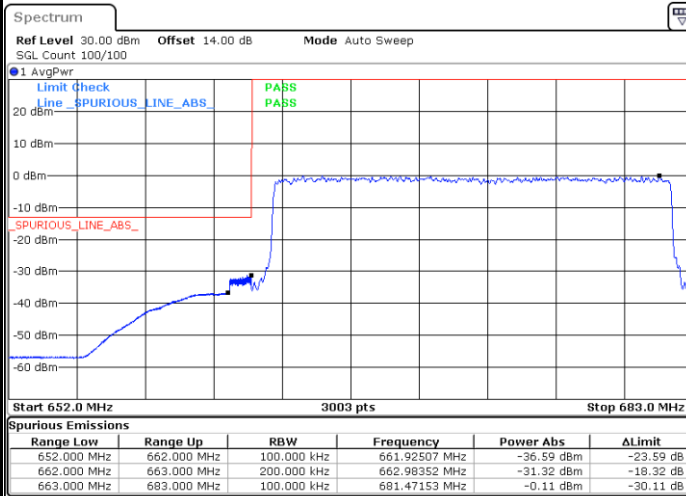
Lowest Band Edge / 1RB



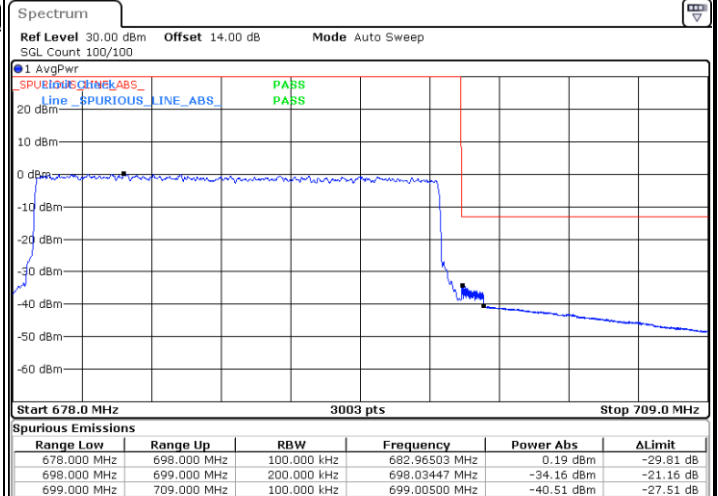
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

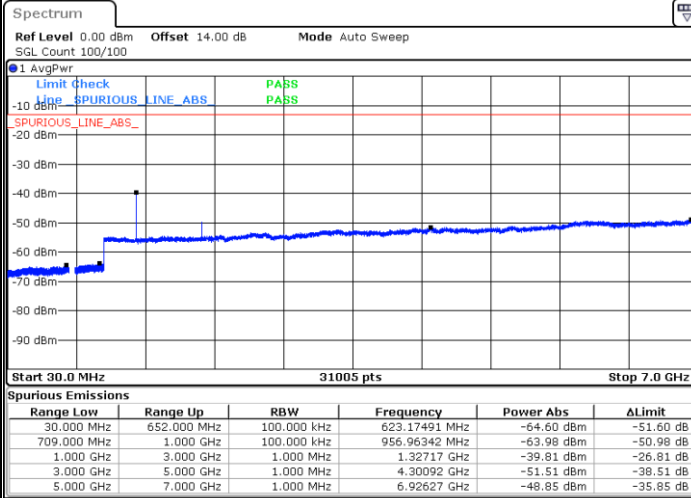




Conducted Spurious Emission

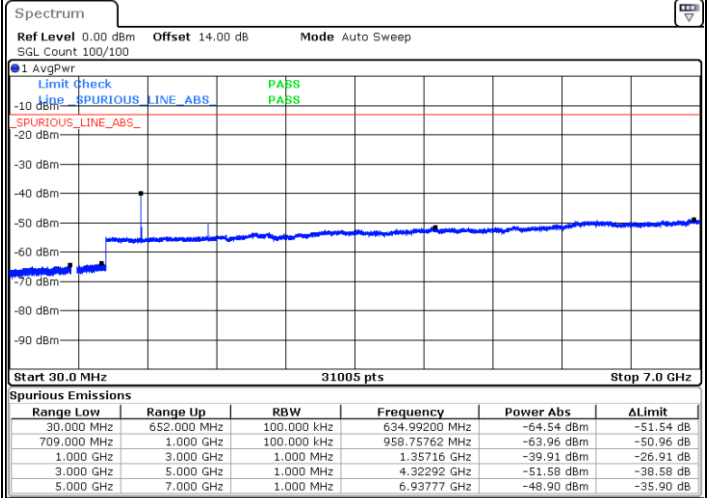
LTE Band 71 / 5MHz

Lowest Channel / QPSK



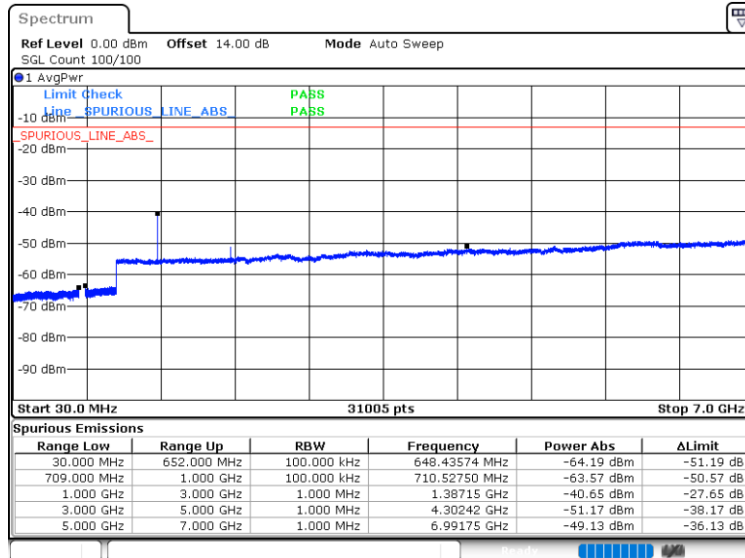
Date: 13.JUL.2024 10:52:08

Middle Channel / QPSK



Date: 13.JUL.2024 10:53:12

Highest Channel / QPSK

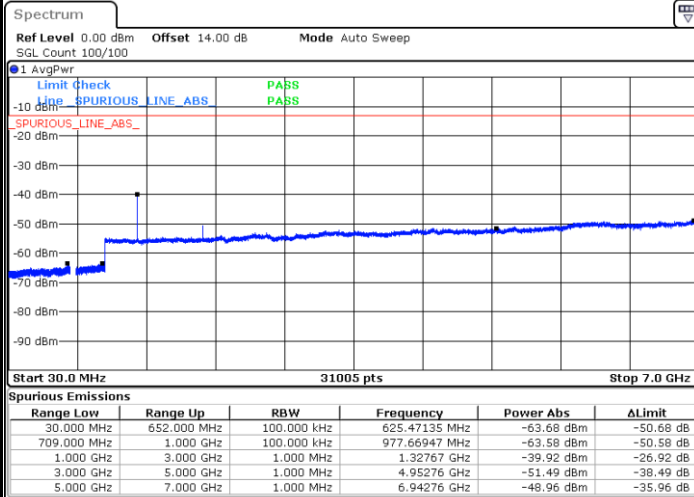


Date: 13.JUL.2024 11:01:07



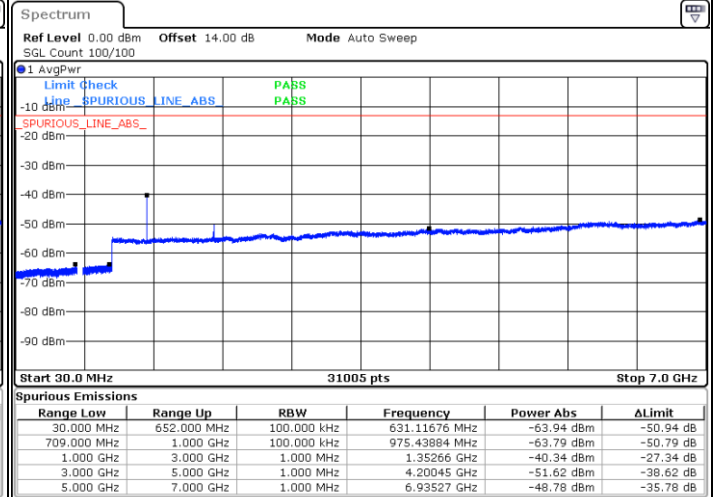
LTE Band 71 / 10MHz

Lowest Channel / QPSK



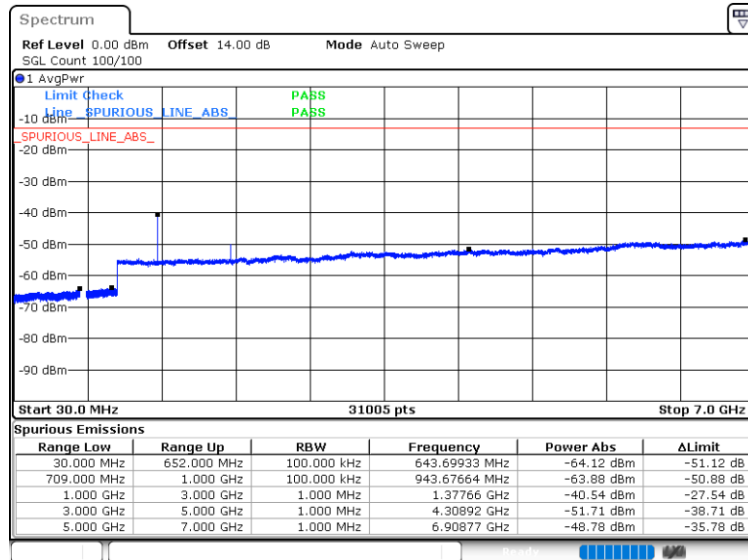
Date: 13.JUL.2024 11:08:26

Middle Channel / QPSK



Date: 13.JUL.2024 11:09:30

Highest Channel / QPSK

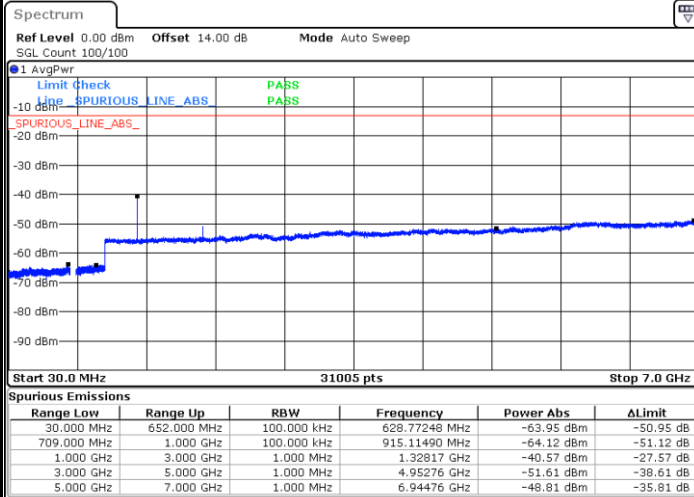


Date: 13.JUL.2024 11:17:24



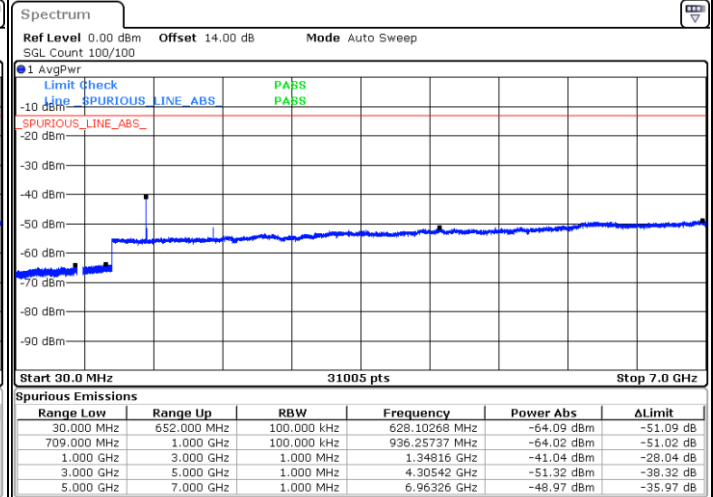
LTE Band 71 / 15MHz

Lowest Channel / QPSK



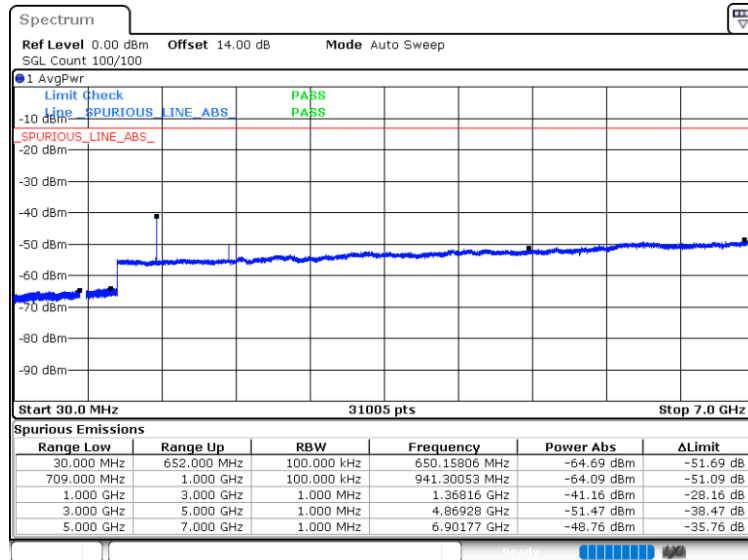
Date: 13.JUL.2024 11:24:43

Middle Channel / QPSK



Date: 13.JUL.2024 11:25:47

Highest Channel / QPSK

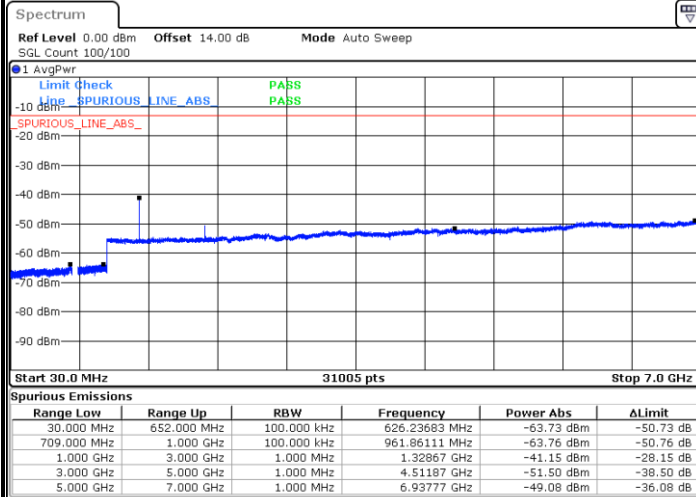


Date: 13.JUL.2024 11:33:41



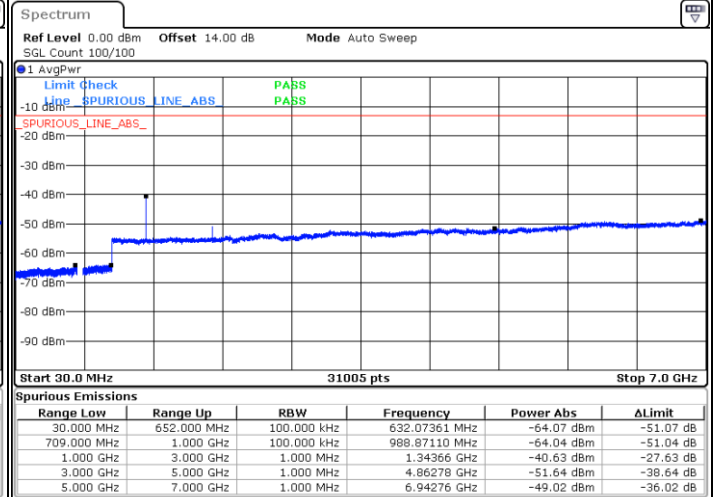
LTE Band 71 / 20MHz

Lowest Channel / QPSK



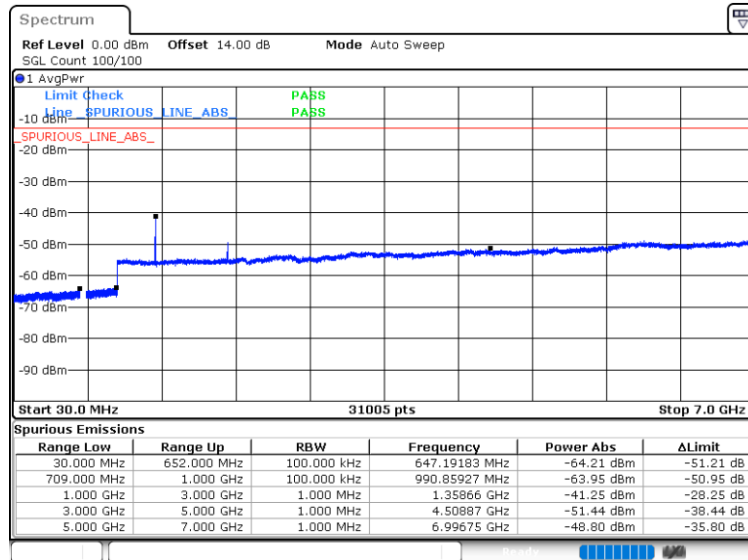
Date: 13.JUL.2024 11:41:00

Middle Channel / QPSK



Date: 13.JUL.2024 11:42:04

Highest Channel / QPSK



Date: 13.JUL.2024 11:51:19

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	0.0028	PASS
40	Normal Voltage	0.0006	
30	Normal Voltage	0.0007	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0010	
0	Normal Voltage	0.0009	
-10	Normal Voltage	0.0010	
-20	Normal Voltage	0.0028	
-30	Normal Voltage	0.0004	
20	Maximum Voltage	0.0012	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0006	

Note:

1. Normal Voltage = 3.85 V. ; Minimum Voltage = 3.6 V. ; Maximum Voltage = 4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

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

LTE Band 7 / 20MHz / QPSK Ant2									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5002.18	-57.96	-25	-32.96	-81.61	-63.52	7.12	12.68	H
	7503.27	-54.75	-25	-29.75	-81.69	-58.08	8.26	11.59	H
	10004.36	-53.09	-25	-28.09	-83.91	-54.62	10.45	11.98	H
	5002.18	-56.59	-25	-31.59	-81.92	-62.15	7.12	12.68	V
	7503.27	-54.20	-25	-29.20	-81.13	-57.53	8.26	11.59	V
	10004.36	-50.94	-25	-25.94	-82.4	-52.47	10.45	11.98	V
Middle	5052.18	-57.10	-25	-32.10	-81.05	-62.66	7.14	12.70	H
	7578.27	-54.99	-25	-29.99	-81.69	-58.29	8.30	11.60	H
	10104.36	-51.95	-25	-26.95	-82.89	-53.47	10.48	12.00	H
	5052.18	-55.61	-25	-30.61	-80.89	-61.17	7.14	12.70	V
	7578.27	-55.04	-25	-30.04	-81.74	-58.34	8.30	11.60	V
	10104.36	-48.84	-25	-23.84	-80.76	-50.36	10.48	12.00	V
Highest	5102.18	-56.83	-25	-31.83	-81.07	-62.39	7.16	12.72	H
	7653.27	-54.77	-25	-29.77	-81.27	-58.07	8.33	11.63	H
	10204.36	-52.26	-25	-27.26	-83.30	-53.86	10.50	12.10	H
	5102.18	-55.80	-25	-30.80	-81.02	-61.36	7.16	12.72	V
	7653.27	-53.29	-25	-28.29	-80.82	-56.59	8.33	11.63	V
	10204.36	-47.34	-25	-22.34	-79.65	-48.94	10.50	12.10	V

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



LTE Band 12 / 10MHz / QPSK_Ant1									
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)
Lowest	1399	-65.58	-13	-52.58	-76.85	-68.81	3.98	9.36	H
	2098.5	-60.99	-13	-47.99	-79.14	-64.54	4.85	10.55	H
	2798	-60.16	-13	-47.16	-79.54	-65.09	5.50	12.58	H
	1399	-64.54	-13	-51.54	-76.84	-67.77	3.98	9.36	V
	2098.5	-61.25	-13	-48.25	-79.19	-64.80	4.85	10.55	V
	2798	-59.49	-13	-46.49	-79.63	-64.42	5.50	12.58	V
Middle	1406	-65.30	-13	-52.30	-76.56	-68.55	4.00	9.40	H
	2109	-60.94	-13	-47.94	-79.09	-64.51	4.88	10.60	H
	2812	-60.25	-13	-47.25	-79.69	-65.18	5.52	12.60	H
	1406	-64.41	-13	-51.41	-76.73	-67.66	4.00	9.40	V
	2109	-61.23	-13	-48.23	-79.17	-64.80	4.88	10.60	V
	2812	-59.64	-13	-46.64	-79.89	-64.57	5.52	12.60	V
Highest	1413	-65.25	-13	-52.25	-76.51	-68.42	4.10	9.42	H
	2119.5	-60.81	-13	-47.81	-79.04	-64.39	4.90	10.63	H
	2826	-60.45	-13	-47.45	-79.88	-65.37	5.55	12.62	H
	1413	-64.29	-13	-51.29	-76.61	-67.46	4.10	9.42	V
	2119.5	-61.14	-13	-48.14	-79.14	-64.72	4.90	10.63	V
	2826	-59.47	-13	-46.47	-79.71	-64.39	5.55	12.62	V

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



LTE Band 13 / 5MHz / QPSK Ant1									
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)
Lowest	1554.5	-62.77	-13	-49.77	-74.55	-66.00	3.98	9.36	H
	2331.75	-59.14	-13	-46.14	-77.76	-62.69	4.85	10.55	H
	3109	-57.07	-13	-44.07	-77.35	-62.00	5.50	12.58	H
	1554.5	-62.36	-13	-49.36	-74.76	-65.59	3.98	9.36	V
	2331.75	-58.80	-13	-45.80	-77.70	-62.35	4.85	10.55	V
	3109	-55.17	-13	-42.17	-77.18	-60.10	5.50	12.58	V
Middle	1559.5	-61.77	-42.15	-19.62	-73.55	-65.02	4.00	9.40	H
	2339.25	-58.96	-13	-45.96	-77.57	-62.53	4.88	10.60	H
	3119	-56.93	-13	-43.93	-77.25	-61.86	5.52	12.60	H
	1559.5	-61.58	-42.15	-19.43	-73.98	-64.83	4.00	9.40	V
	2339.25	-59.03	-13	-46.03	-78.01	-62.60	4.88	10.60	V
	3119	-55.44	-13	-42.44	-77.56	-60.37	5.52	12.60	V
Highest	1564.5	-63.05	-42.15	-20.90	-74.83	-66.22	4.10	9.42	H
	2346.75	-58.94	-13	-45.94	-77.55	-62.52	4.90	10.63	H
	3129	-56.60	-13	-43.60	-76.92	-61.52	5.55	12.62	H
	1564.5	-62.32	-42.15	-20.17	-74.72	-65.49	4.10	9.42	V
	2346.75	-58.93	-13	-45.93	-77.91	-62.51	4.90	10.63	V
	3129	-55.58	-13	-42.58	-77.70	-60.50	5.55	12.62	V

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



LTE Band 41 / 20MHz / QPSK_Ant2									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	4994.18	-57.80	-25	-32.80	-81.45	-63.36	7.12	12.68	H
	7491.27	-54.68	-25	-29.68	-81.68	-58.01	8.26	11.59	H
	9988.36	-52.74	-25	-27.74	-83.51	-54.27	10.45	11.98	H
	4994.18	-56.36	-25	-31.36	-81.69	-61.92	7.12	12.68	V
	7491.27	-54.74	-25	-29.74	-81.73	-58.07	8.26	11.59	V
	9988.36	-52.63	-25	-27.63	-83.98	-54.16	10.45	11.98	V
Middle	5168.00	-56.31	-25	-31.31	-80.98	-61.87	7.14	12.70	H
	7752.00	-55.22	-25	-30.22	-81.45	-58.52	8.30	11.60	H
	10336.00	-51.91	-25	-26.91	-83.10	-53.43	10.48	12.00	H
	5168.00	-56.16	-25	-31.16	-81.33	-61.72	7.14	12.70	V
	7752.00	-51.88	-25	-26.88	-81.2	-55.18	8.30	11.60	V
	10336.00	-50.03	-25	-25.03	-82.97	-51.55	10.48	12.00	V
Highest	5342.00	-56.68	-25	-31.68	-81.85	-62.24	7.16	12.72	H
	8013.00	-54.50	-25	-29.50	-81.48	-57.80	8.33	11.63	H
	10684.00	-50.33	-25	-25.33	-82.56	-51.93	10.50	12.10	H
	5342.00	-57.33	-25	-32.33	-82.02	-62.89	7.16	12.72	V
	8013.00	-52.24	-25	-27.24	-81.51	-55.54	8.33	11.63	V
	10684.00	-48.43	-25	-23.43	-83.15	-50.03	10.50	12.10	V

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



LTE Band 71 / 20MHz / QPSK_Ant1									
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)
Lowest	1328	-64.72	-13	-51.72	-75.74	-67.95	3.98	9.36	H
	1992	-60.63	-13	-47.63	-78.01	-64.18	4.85	10.55	H
	2656	-60.59	-13	-47.59	-80.29	-65.52	5.50	12.58	H
	1328	-62.97	-13	-49.97	-74.92	-66.20	3.98	9.36	V
	1992	-60.93	-13	-47.93	-78.26	-64.48	4.85	10.55	V
	2656	-60.07	-13	-47.07	-80.15	-65.00	5.50	12.58	V
Middle	1343	-64.92	-13	-51.92	-75.93	-68.17	4.00	9.40	H
	2014.5	-60.90	-13	-47.90	-78.61	-64.47	4.88	10.60	H
	2686	-60.22	-13	-47.22	-79.85	-65.15	5.52	12.60	H
	1343	-64.16	-13	-51.16	-76.12	-67.41	4.00	9.40	V
	2014.5	-61.12	-13	-48.12	-78.72	-64.69	4.88	10.60	V
	2686	-59.25	-13	-46.25	-79.34	-64.18	5.52	12.60	V
Highest	1358	-65.65	-13	-52.65	-76.75	-68.82	4.10	9.42	H
	2037	-61.18	-13	-48.18	-78.98	-64.76	4.90	10.63	H
	2716	-60.07	-13	-47.07	-79.63	-64.99	5.55	12.62	H
	1358	-64.25	-13	-51.25	-76.33	-67.42	4.10	9.42	V
	2037	-60.64	-13	-47.64	-78.31	-64.22	4.90	10.63	V
	2716	-59.35	-13	-46.35	-79.46	-64.27	5.55	12.62	V

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