

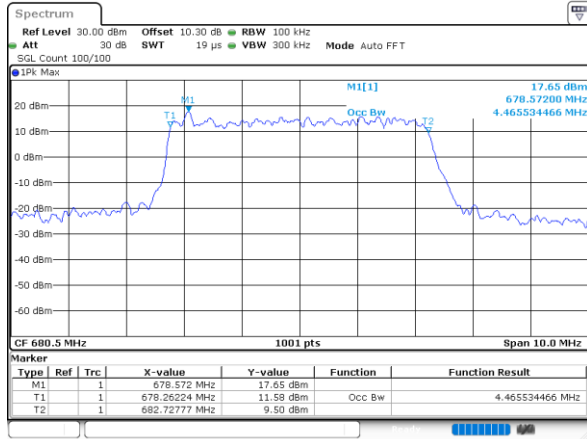
**Occupied Bandwidth**

Mode	LTE Band 71 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.47	4.53	9.07	9.03	13.40	13.40	17.86	17.82
Mode	LTE Band 71 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	-	-	-	-	4.51	4.52	9.03	9.01	13.49	13.40	17.86	17.86

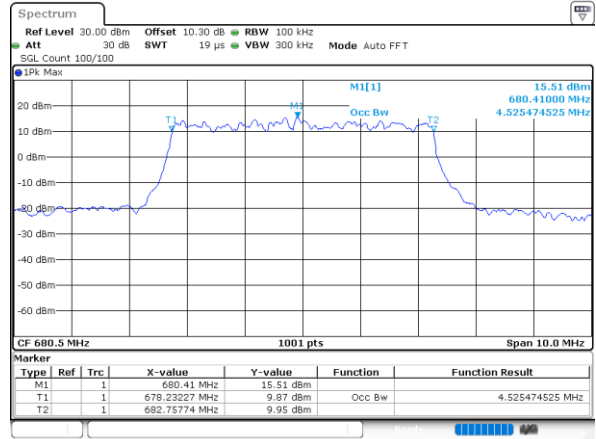


LTE Band 71

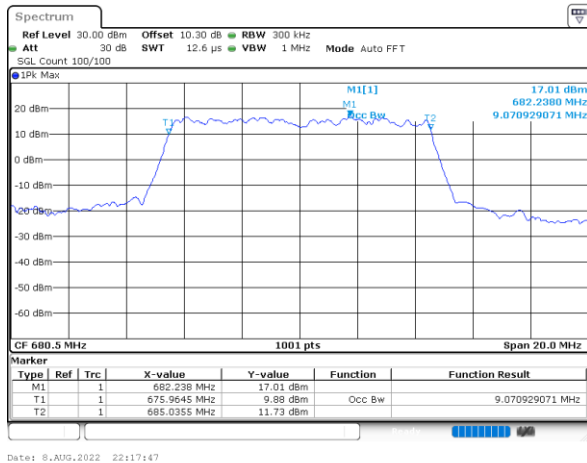
Middle Channel / 5MHz / QPSK



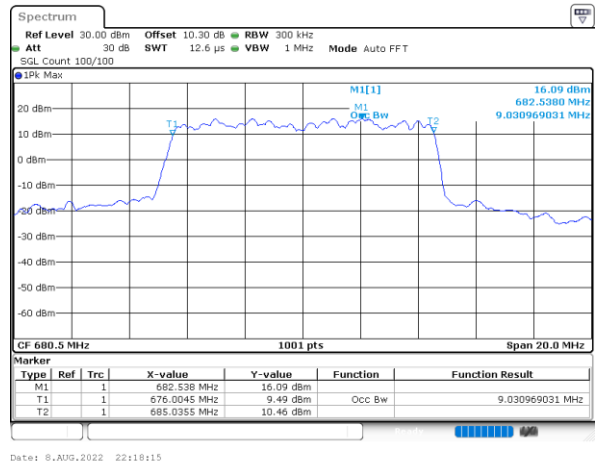
Middle Channel / 5MHz / 16QAM



Middle Channel / 10MHz / QPSK



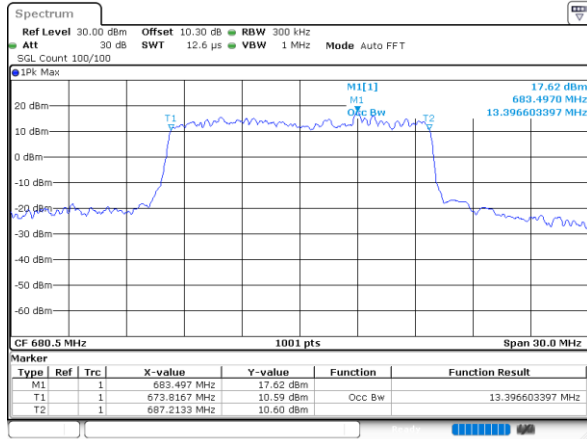
Middle Channel / 10MHz / 16QAM



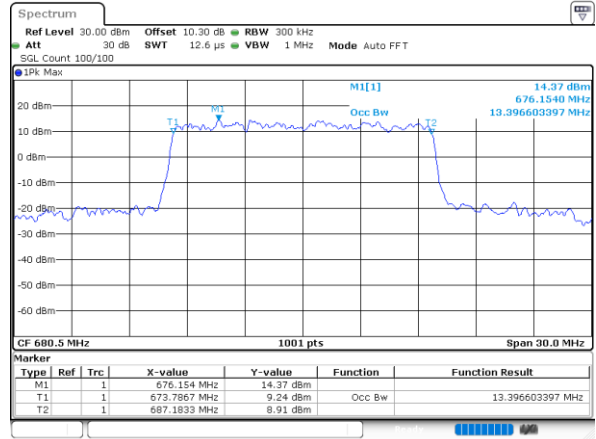


LTE Band 71

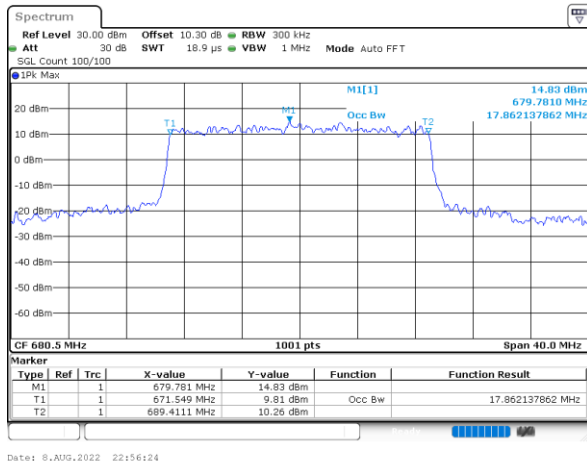
Middle Channel / 15MHz / QPSK



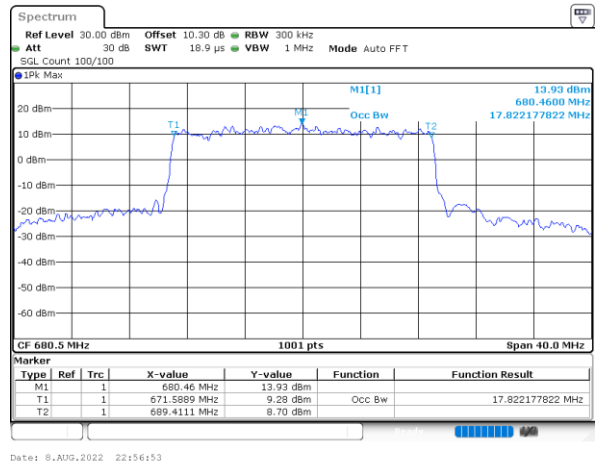
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



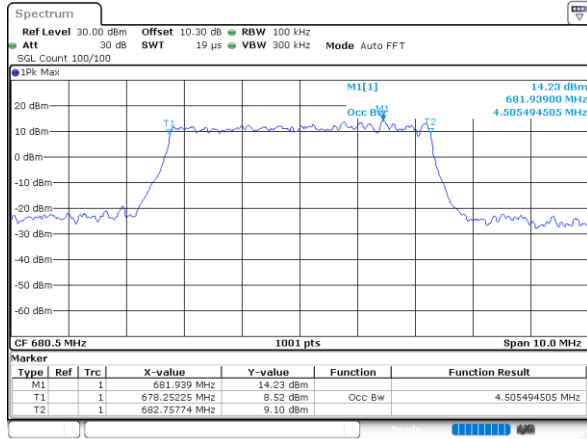
Middle Channel / 20MHz / 16QAM



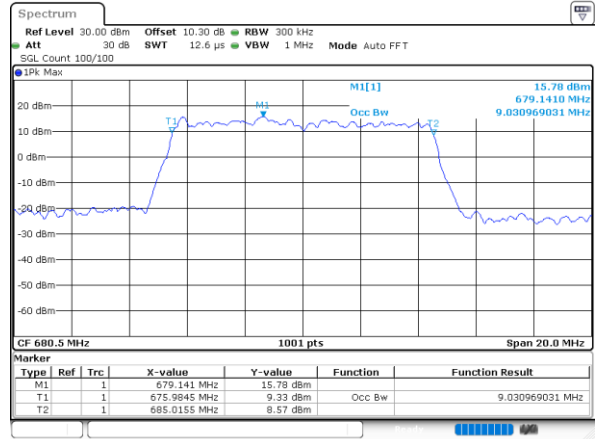


LTE Band 71

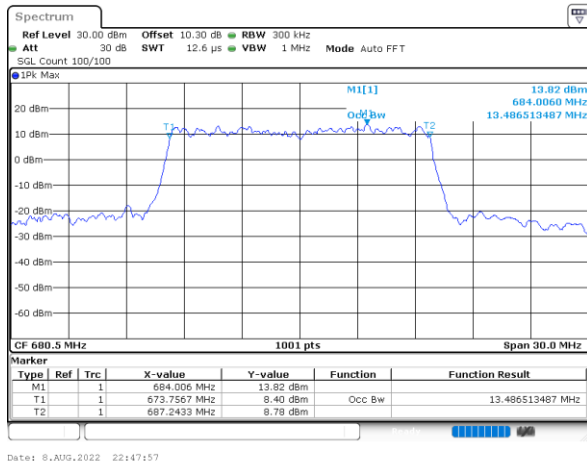
Middle Channel / 5MHz / 64QAM



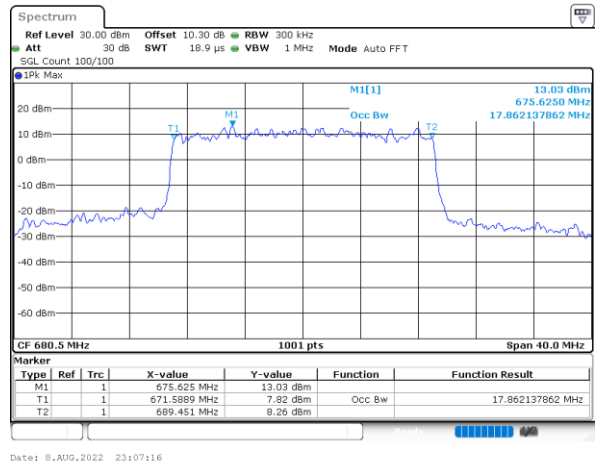
Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM



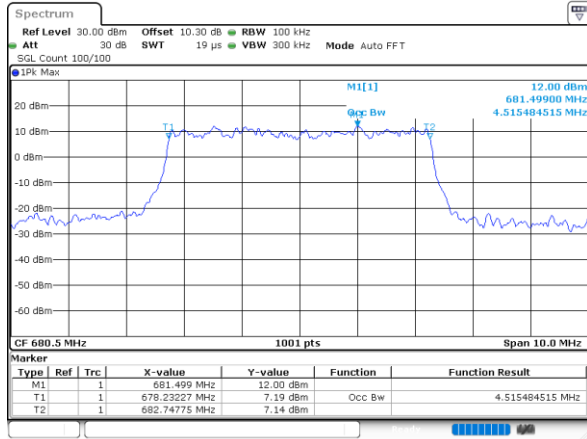
Middle Channel / 20MHz / 64QAM



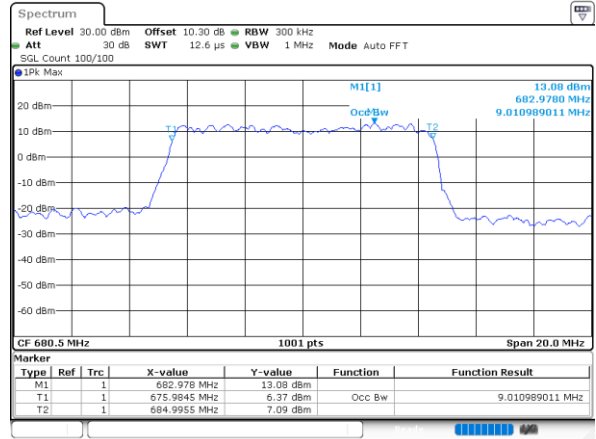


LTE Band 71

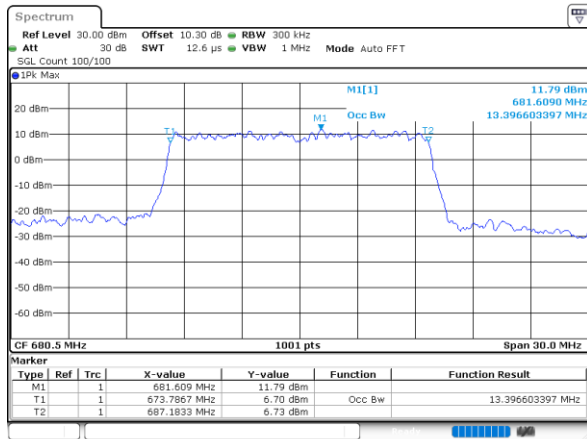
Middle Channel / 5MHz / 256QAM



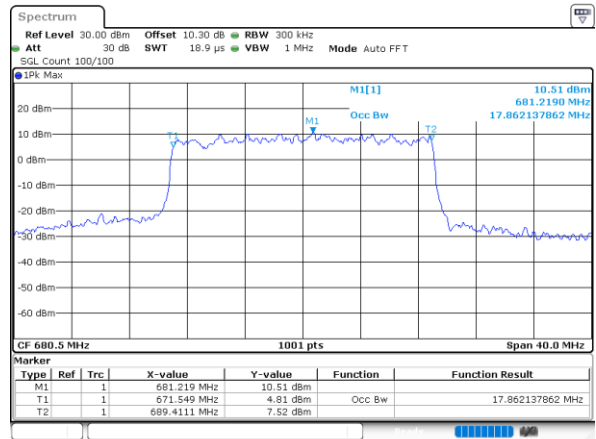
Middle Channel / 10MHz / 256QAM



Middle Channel / 15MHz / 256QAM



Middle Channel / 20MHz / 256QAM

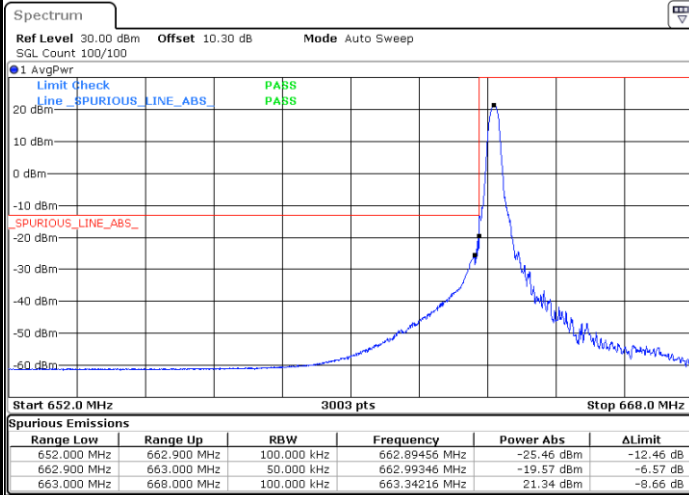




Conducted Band Edge

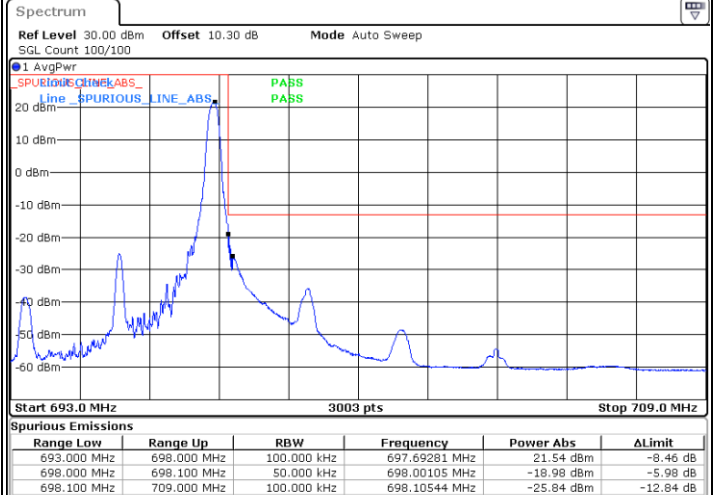
LTE Band 71 / 5MHz / QPSK

Lowest Band Edge / 1 RB



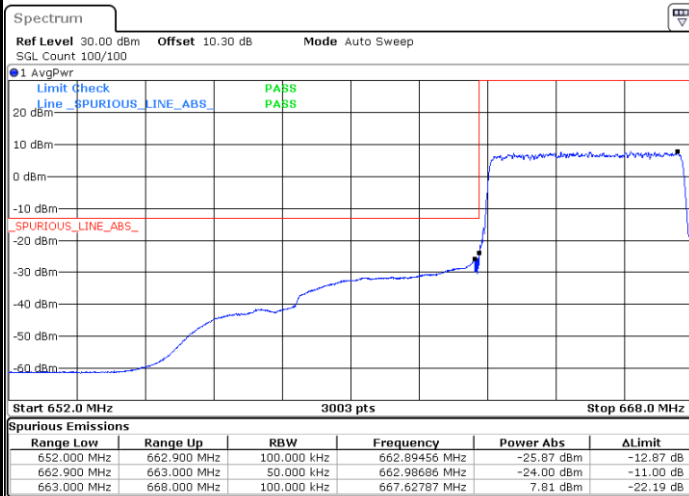
Date: 8.AUG.2022 21:53:30

Highest Band Edge / 1 RB



Date: 8.AUG.2022 22:02:15

Lowest Band Edge / Full RB



Date: 8.AUG.2022 21:55:37

Highest Band Edge / Full RB

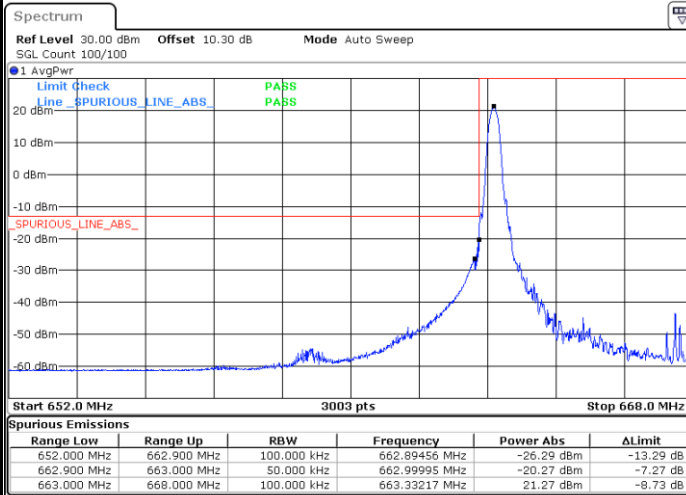


Date: 8.AUG.2022 22:04:22

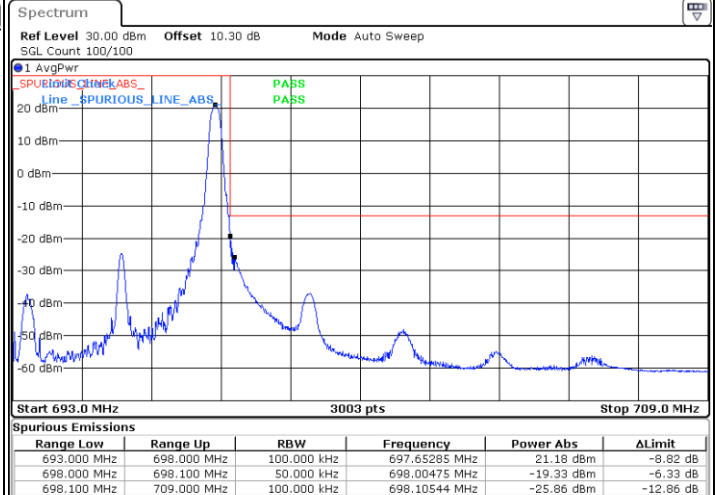


LTE Band 71 / 5MHz / 16QAM

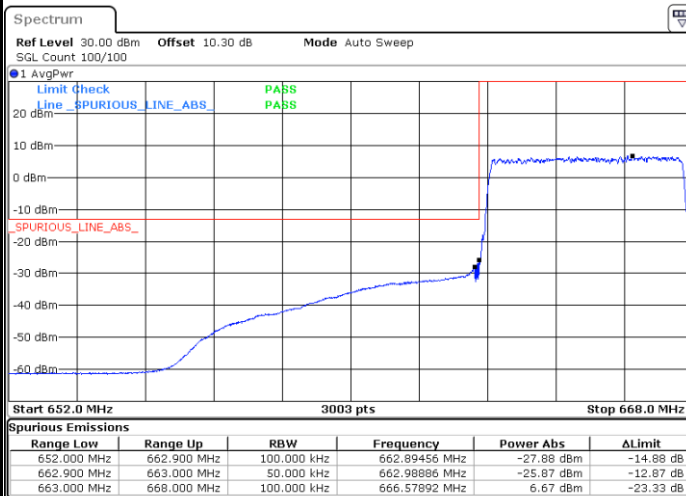
Lowest Band Edge / 1RB



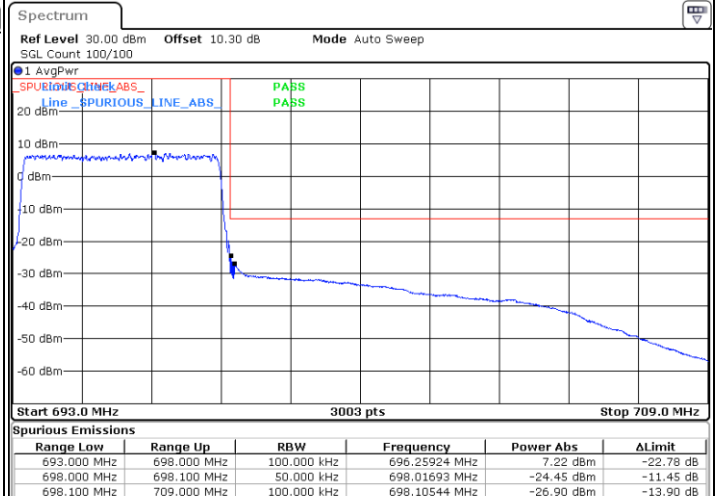
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



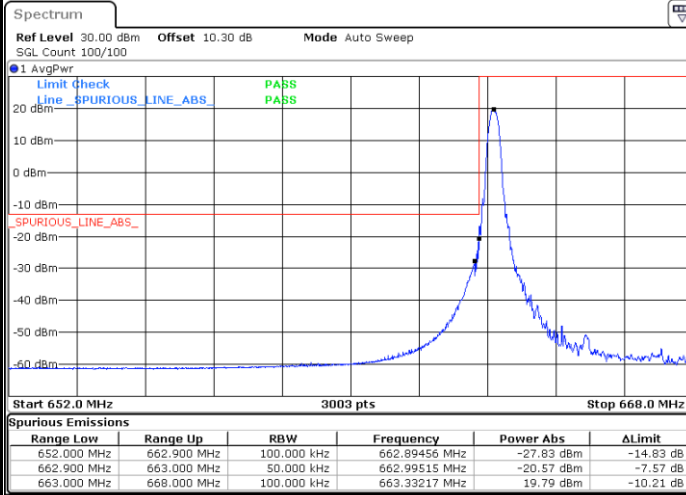
Highest Band Edge / Full RB



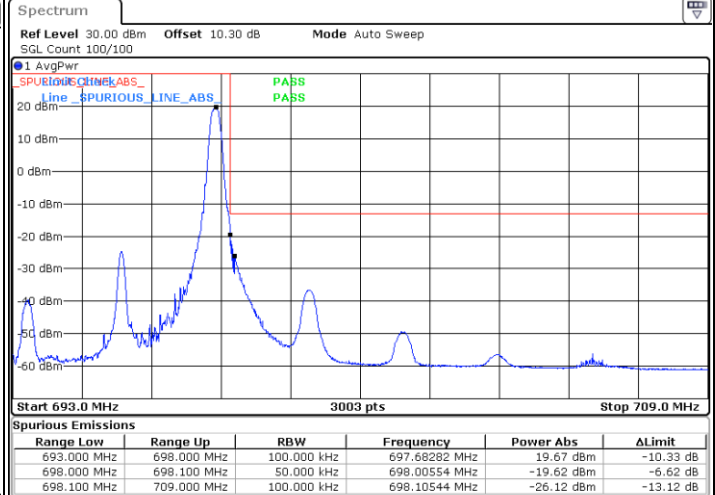


LTE Band 71 / 5MHz / 64QAM

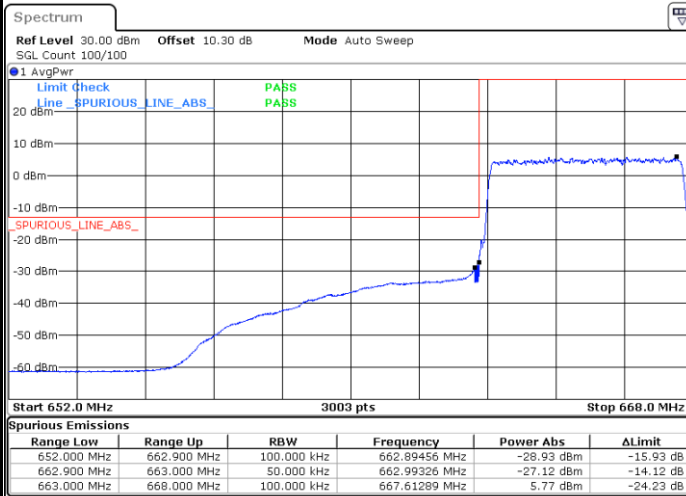
Lowest Band Edge / 1RB



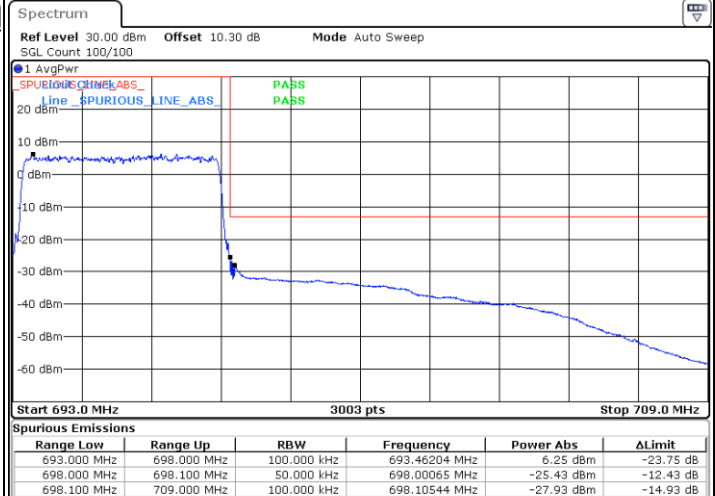
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



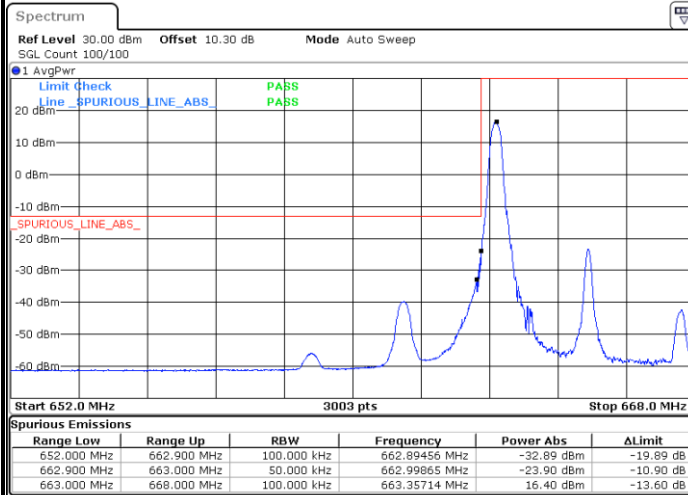
Highest Band Edge / Full RB



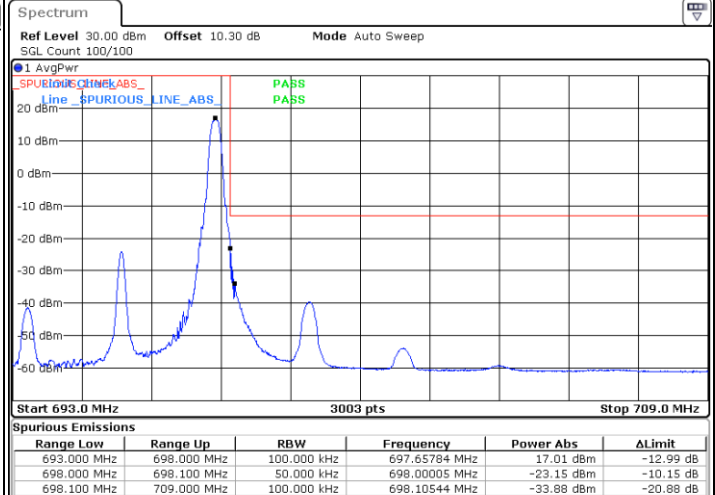


LTE Band 71 / 5MHz / 256QAM

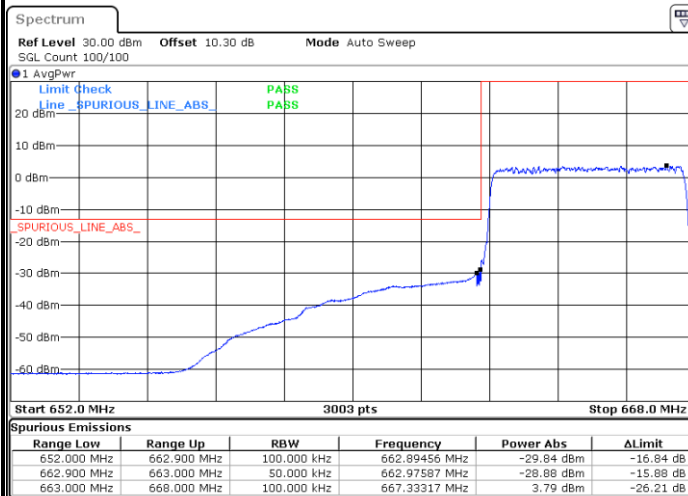
Lowest Band Edge / 1RB



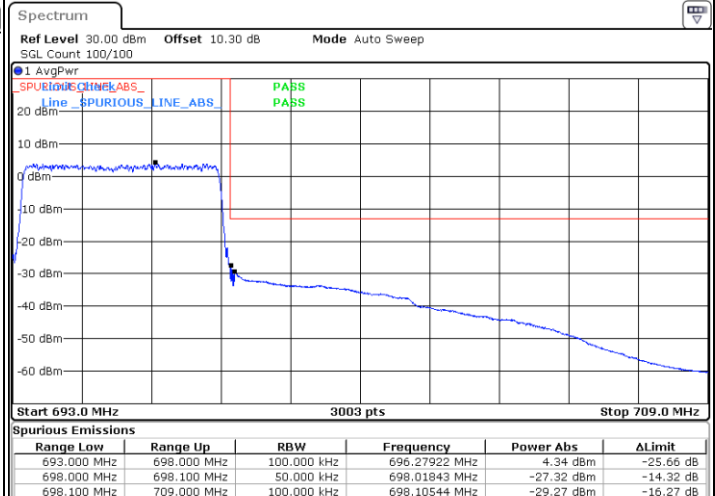
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



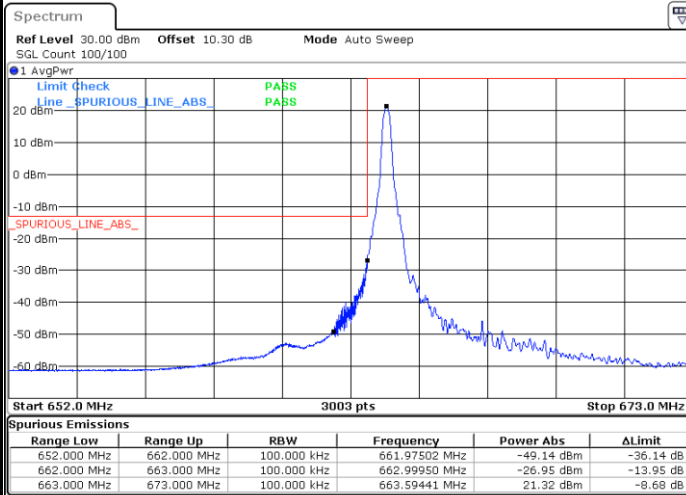
Highest Band Edge / Full RB



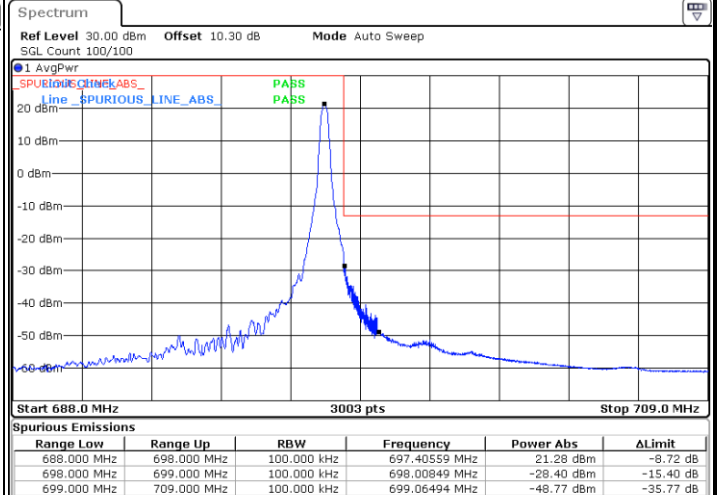


LTE Band 71 / 10MHz / QPSK

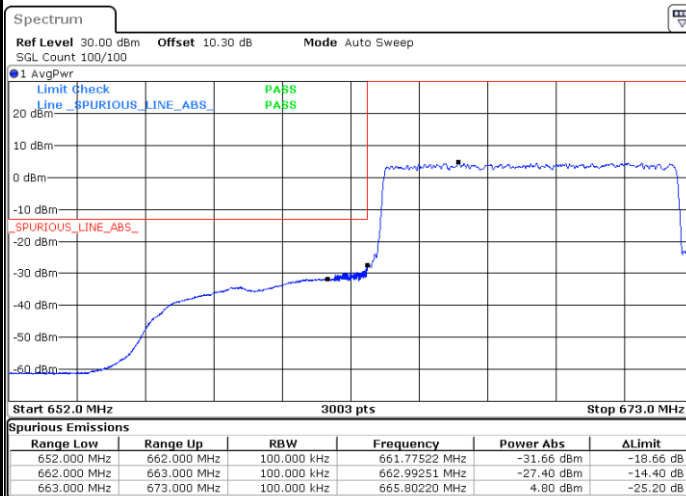
Lowest Band Edge / 1 RB



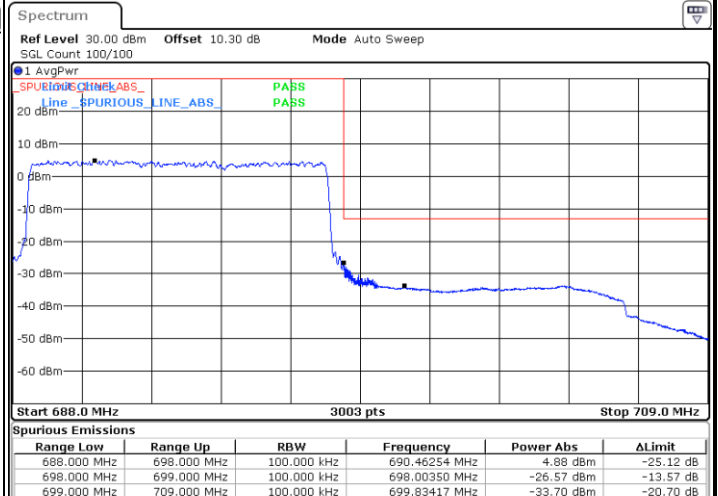
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



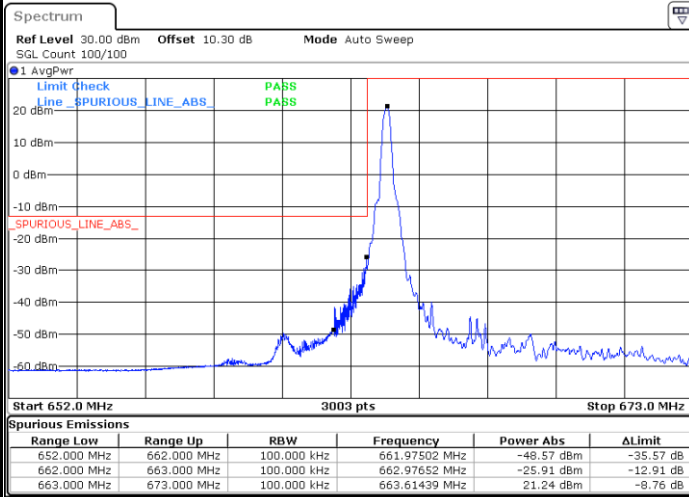
Highest Band Edge / Full RB



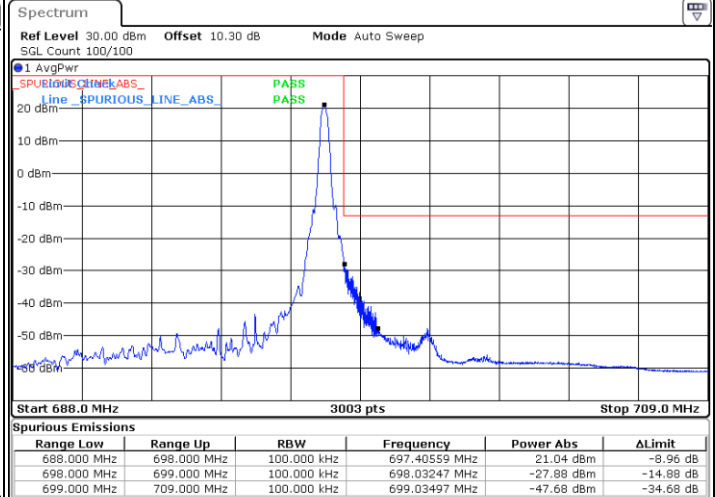


LTE Band 71 / 10MHz / 16QAM

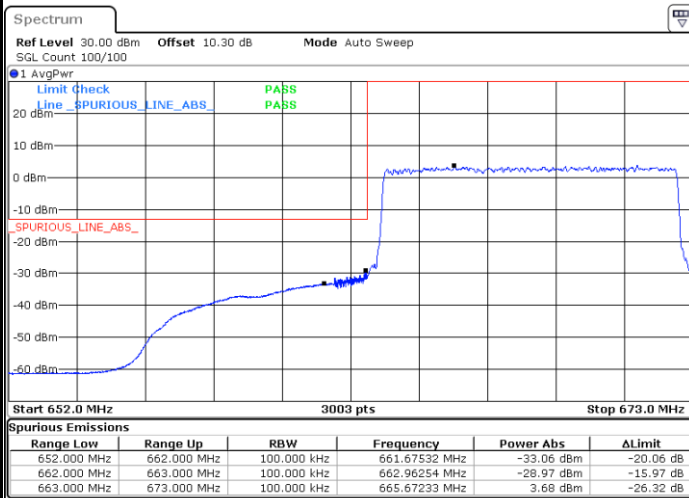
Lowest Band Edge / 1 RB



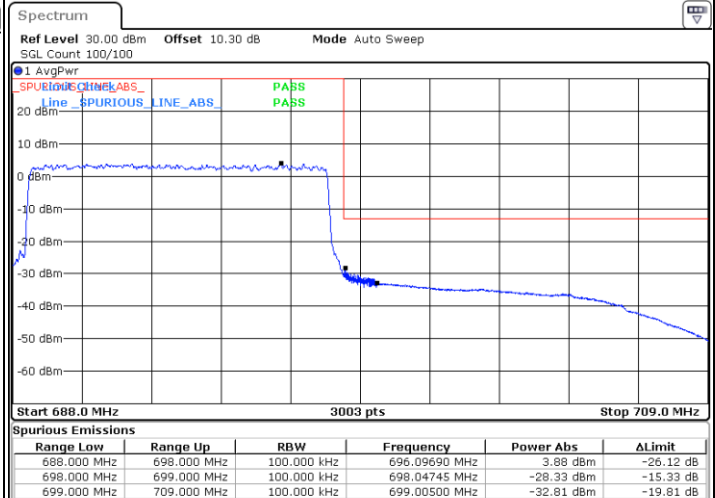
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



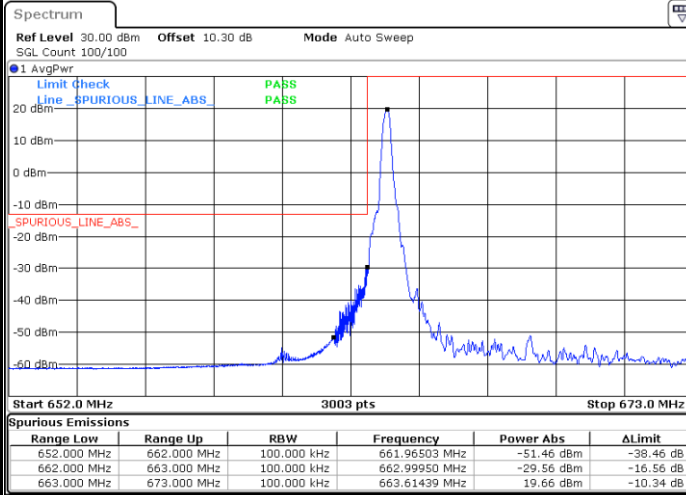
Highest Band Edge / Full RB



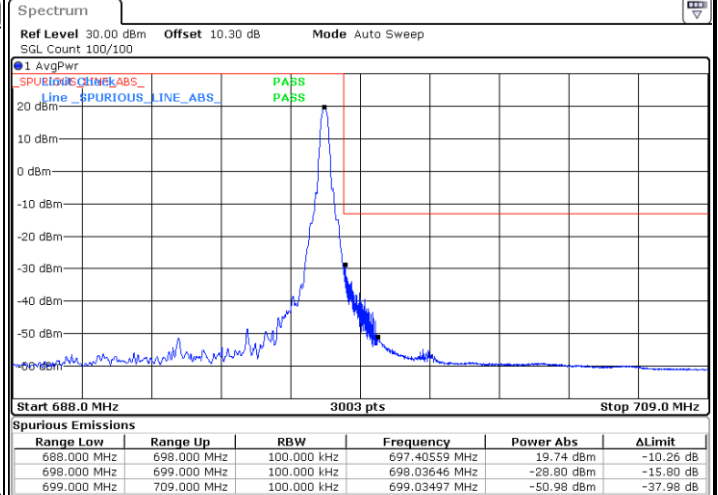


LTE Band 71 / 10MHz / 64QAM

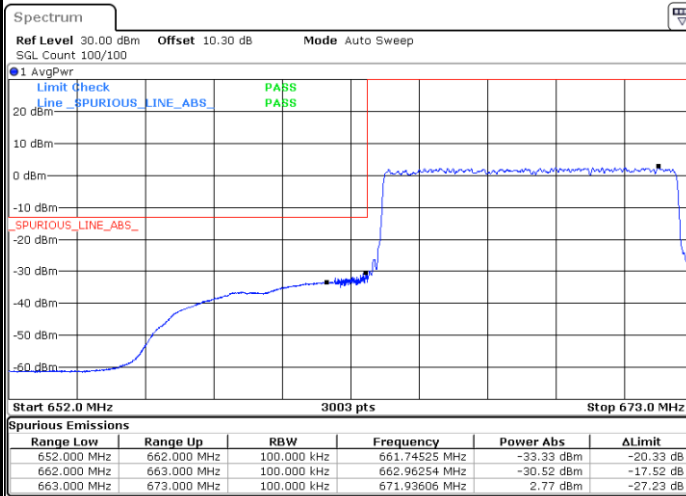
Lowest Band Edge / 1 RB



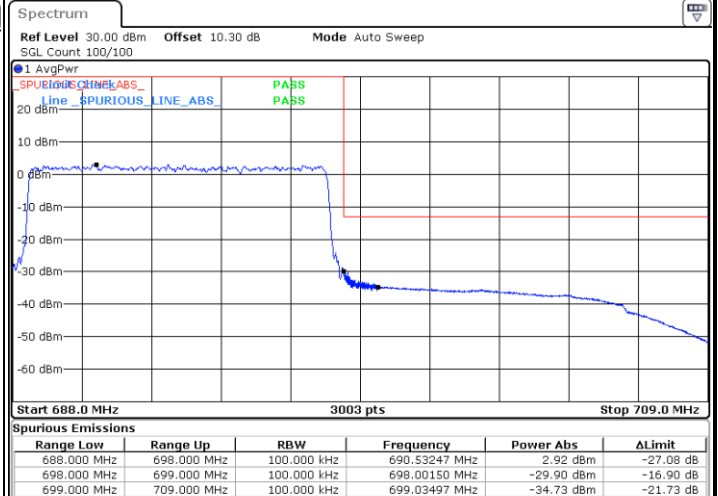
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



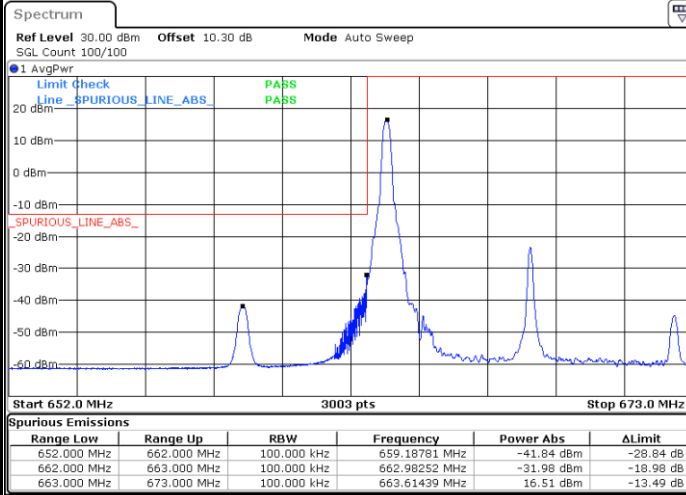
Highest Band Edge / Full RB



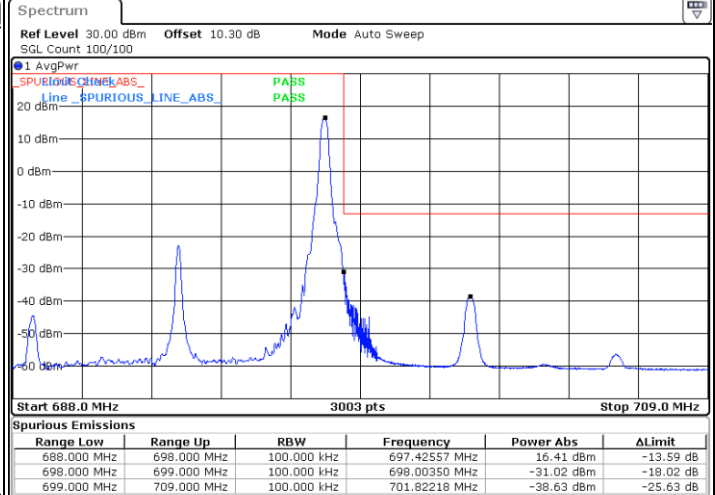


LTE Band 71 / 10MHz / 256QAM

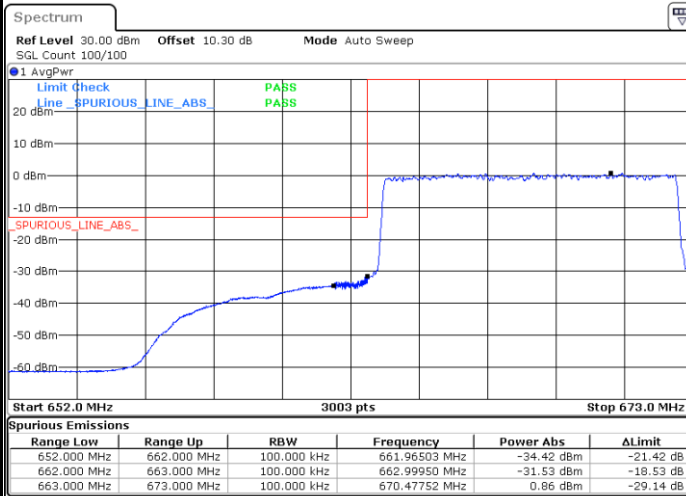
Lowest Band Edge / 1 RB



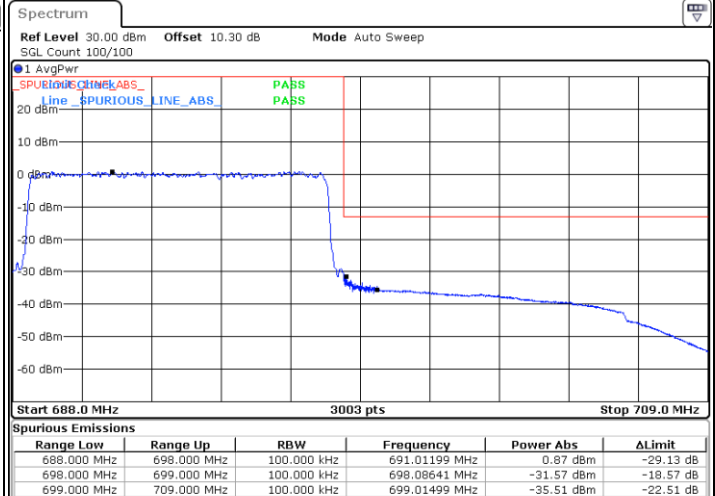
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



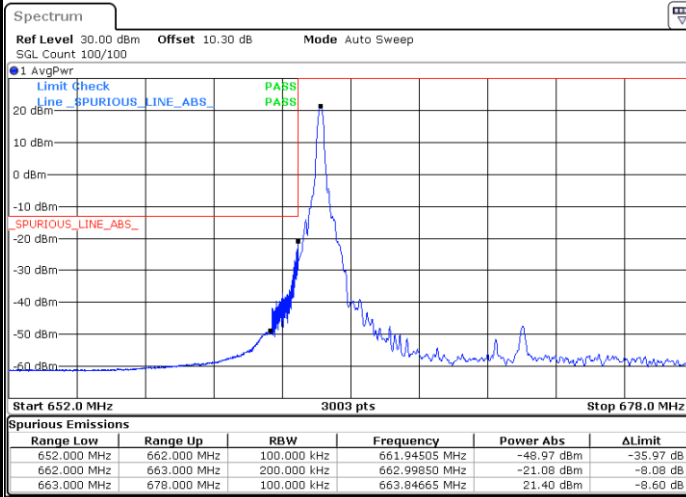
Highest Band Edge / Full RB



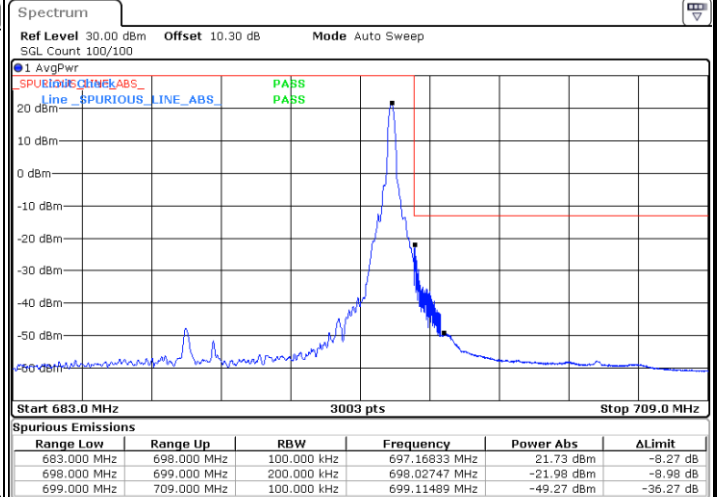


LTE Band 71 / 15MHz / QPSK

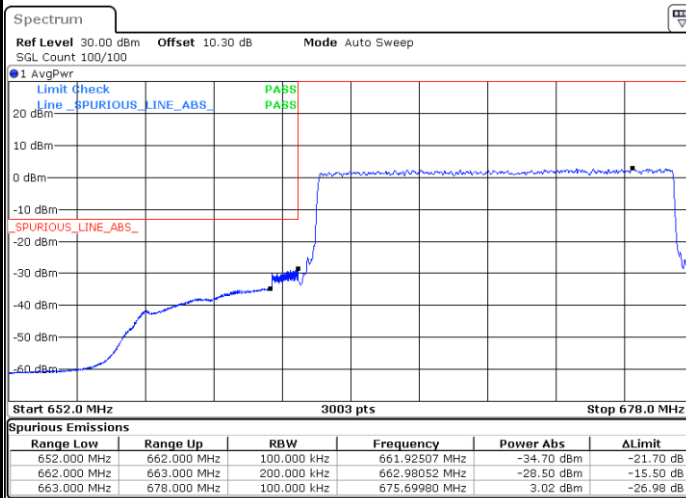
Lowest Band Edge / 1 RB



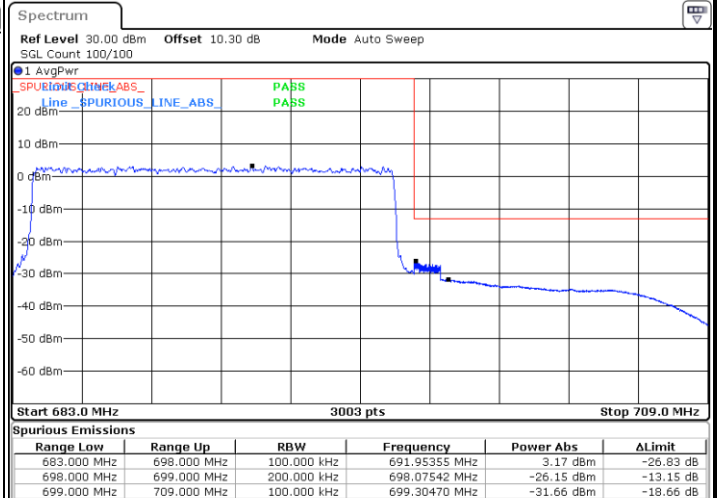
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



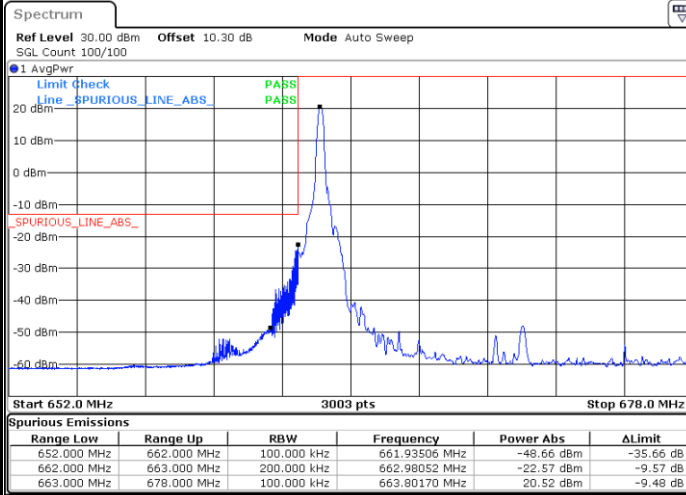
Highest Band Edge / Full RB



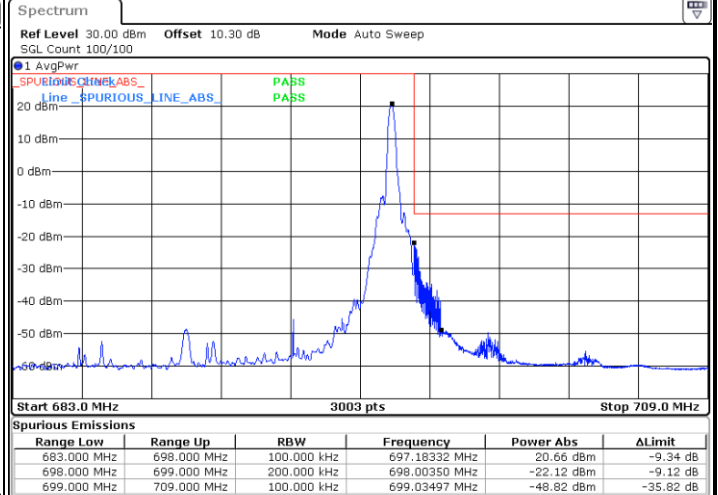


LTE Band 71 / 15MHz / 16QAM

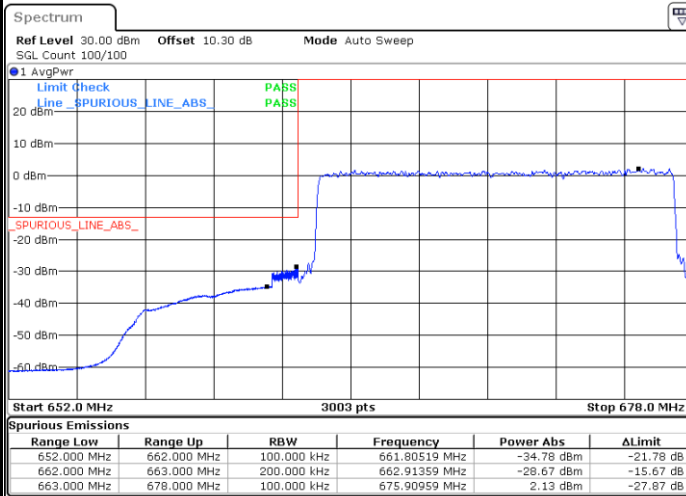
Lowest Band Edge / 1 RB



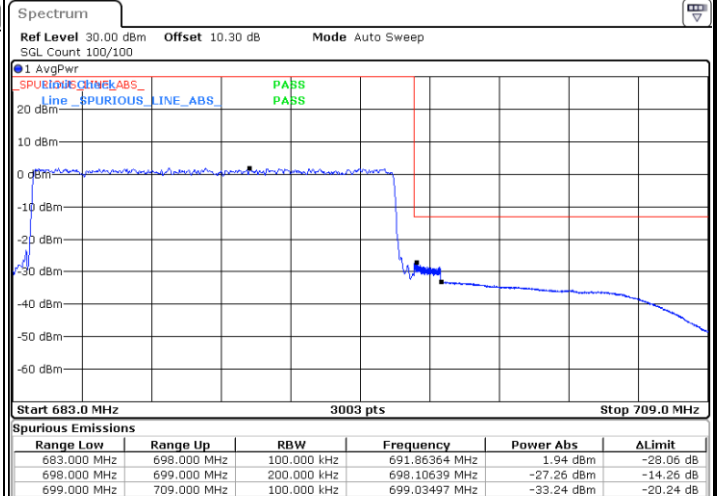
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



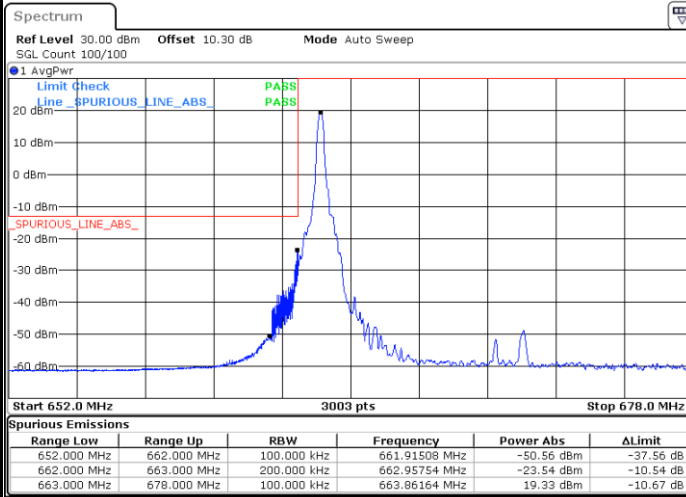
Highest Band Edge / Full RB



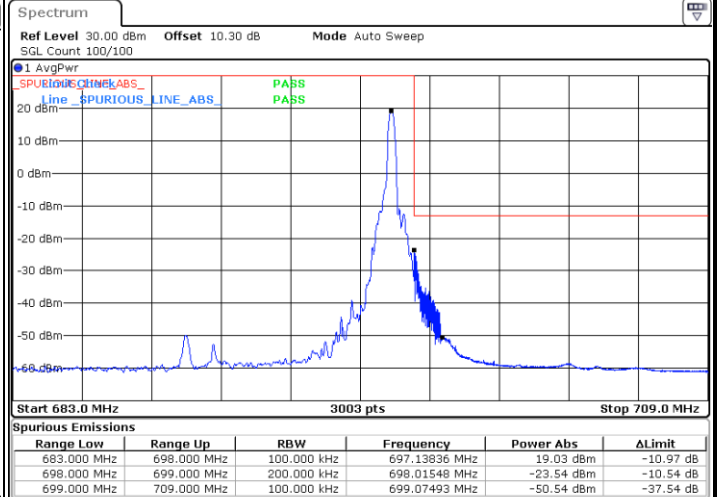


LTE Band 71 / 15MHz / 64QAM

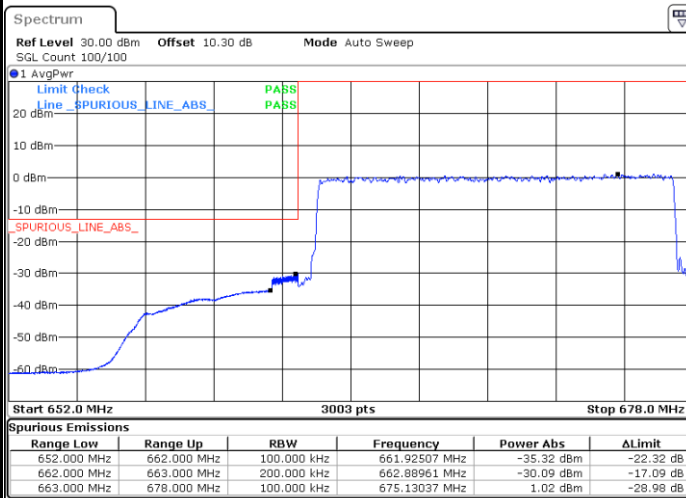
Lowest Band Edge / 1 RB



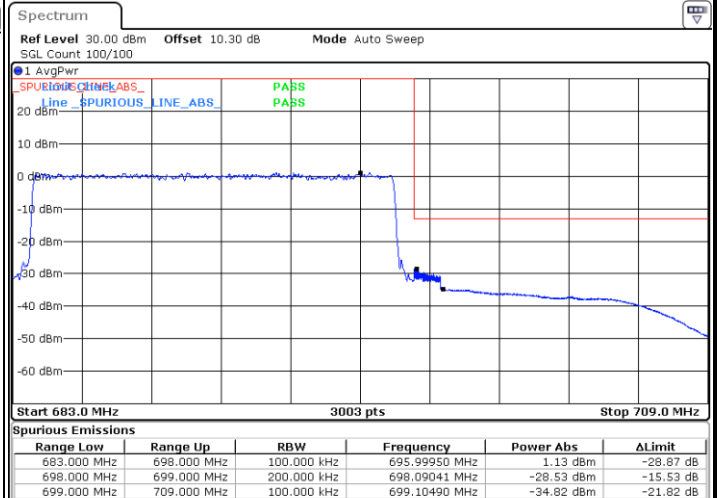
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



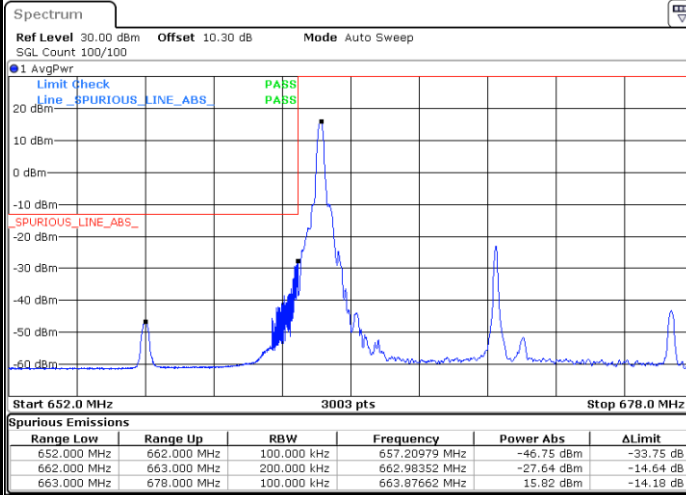
Highest Band Edge / Full RB



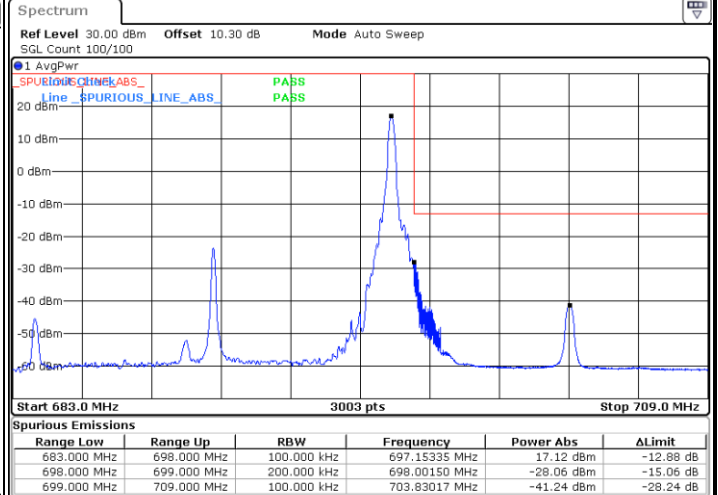


LTE Band 71 / 15MHz / 256QAM

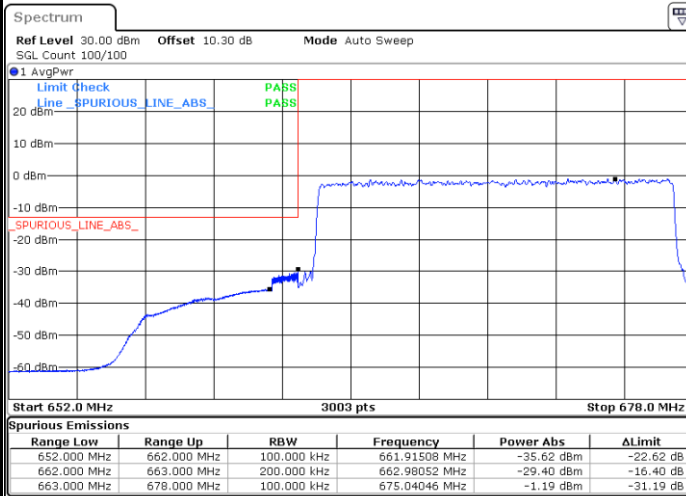
Lowest Band Edge / 1 RB



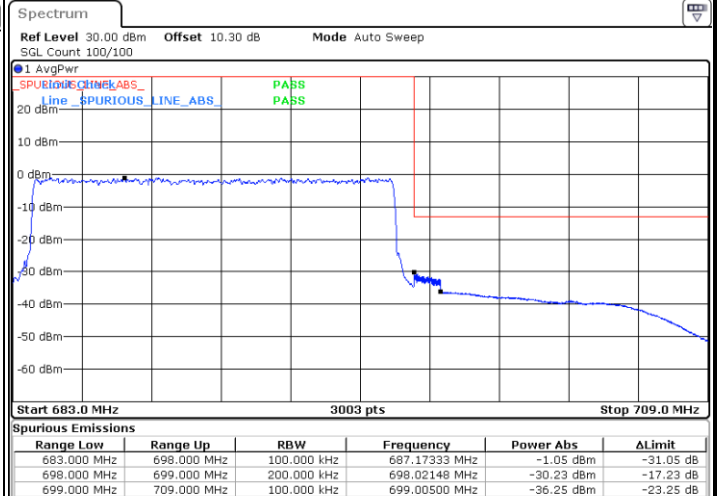
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



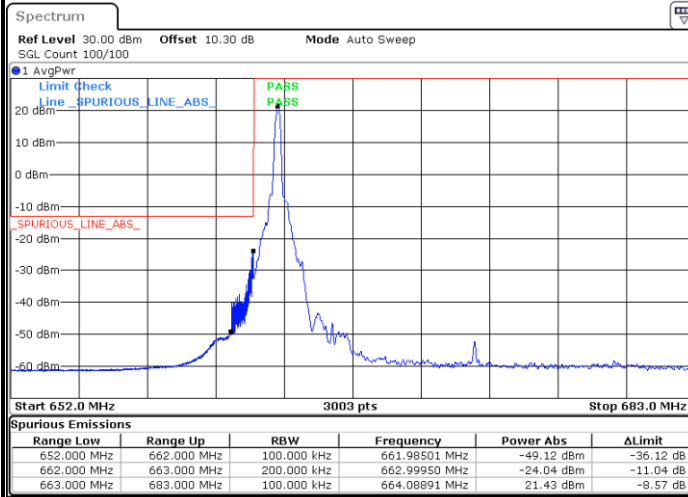
Highest Band Edge / Full RB



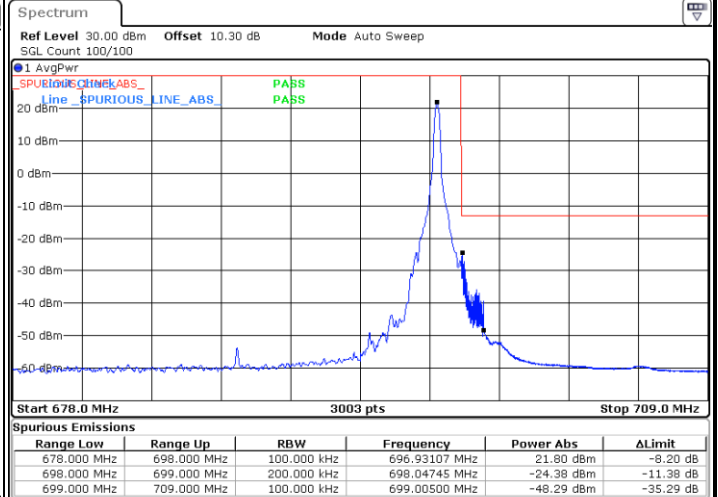


LTE Band 71 / 20MHz / QPSK

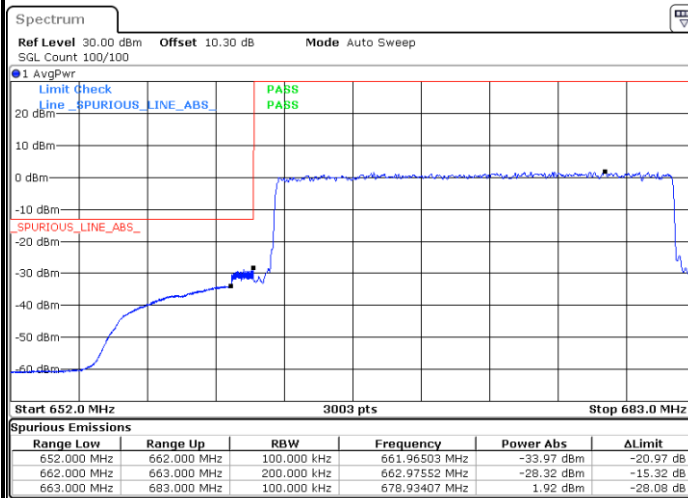
Lowest Band Edge / 1 RB



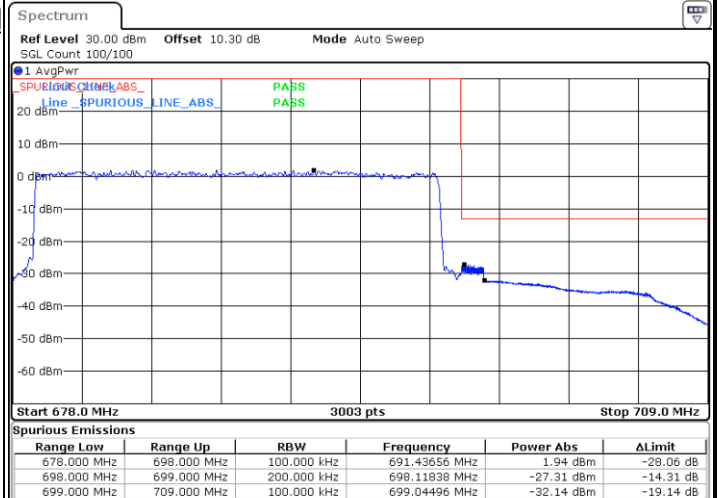
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



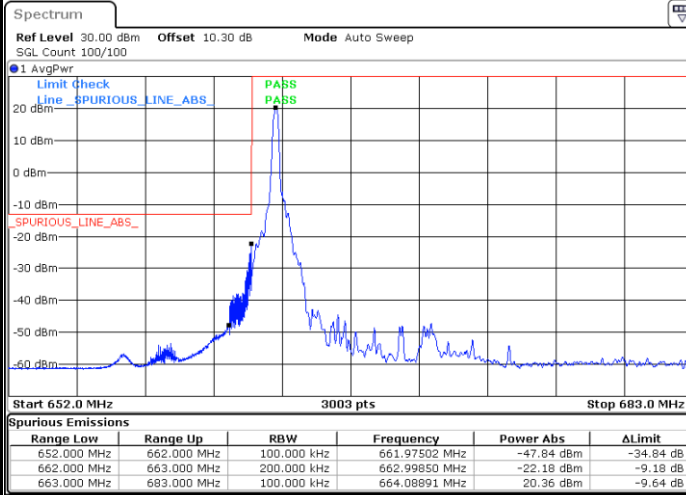
Highest Band Edge / Full RB



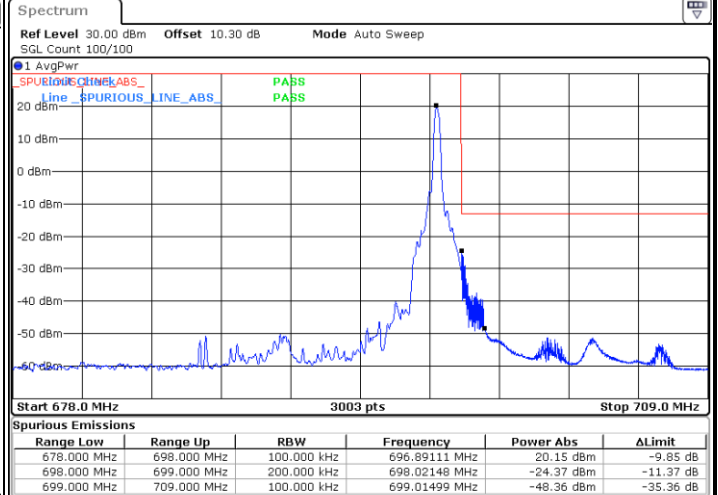


LTE Band 71 / 20MHz / 16QAM

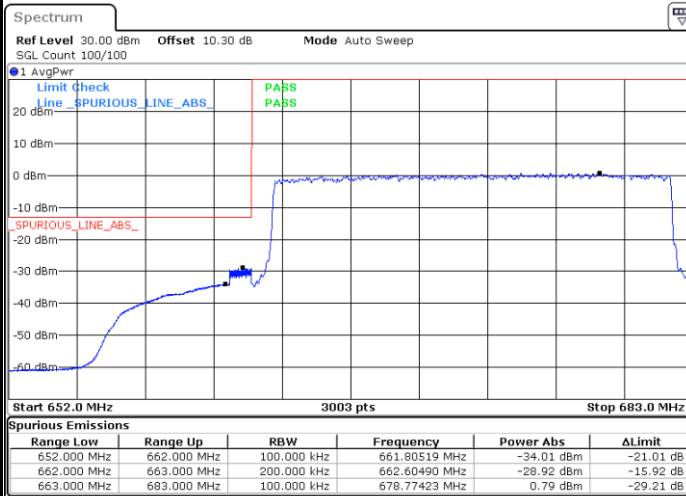
Lowest Band Edge / 1 RB



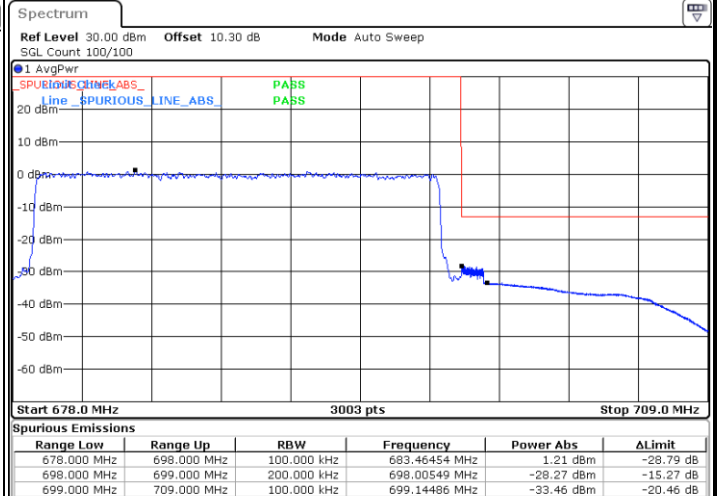
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



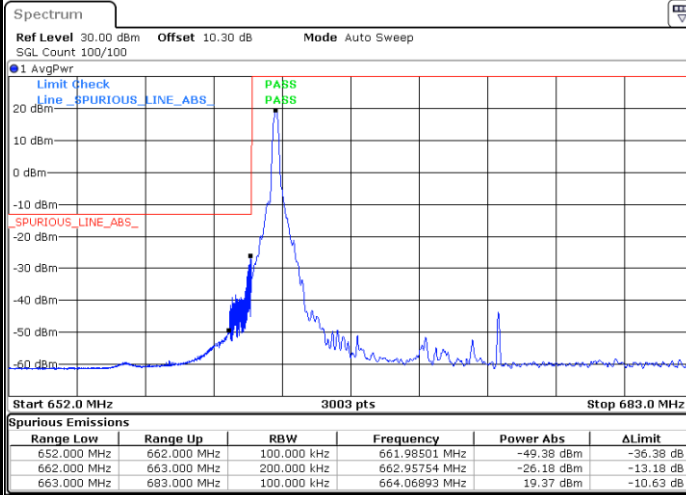
Highest Band Edge / Full RB



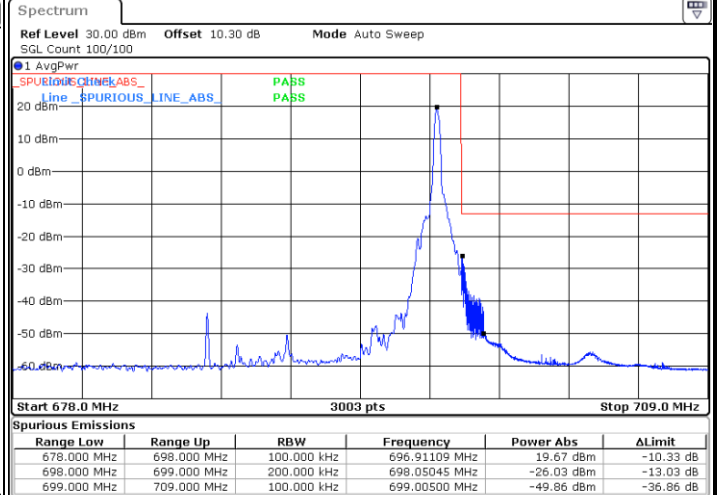


LTE Band 71 / 20MHz / 64QAM

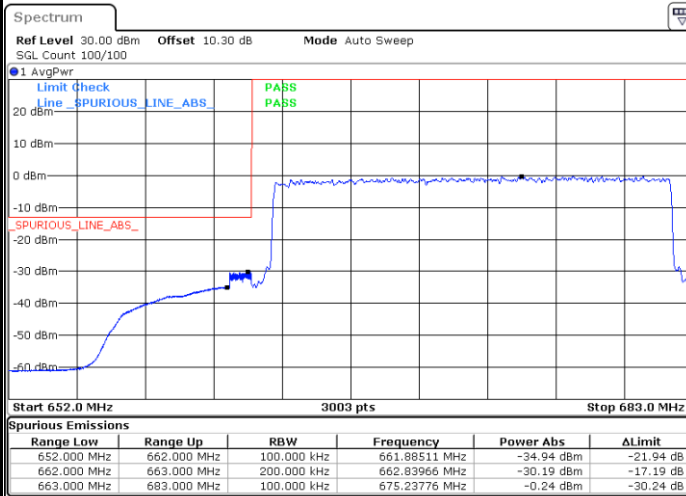
Lowest Band Edge / 1 RB



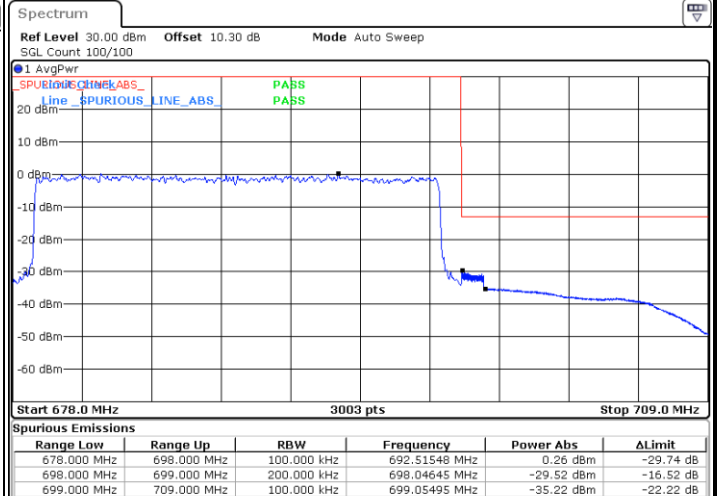
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



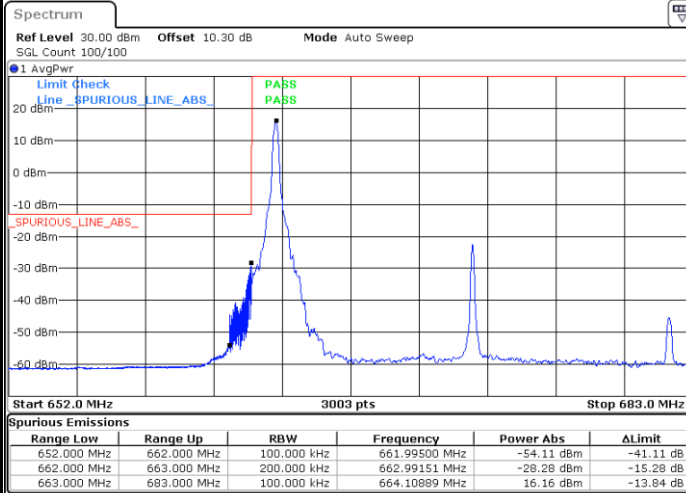
Highest Band Edge / Full RB



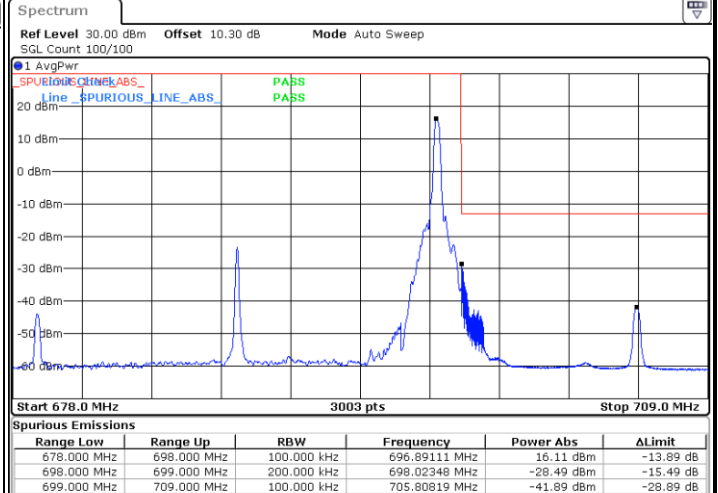


LTE Band 71 / 20MHz / 256QAM

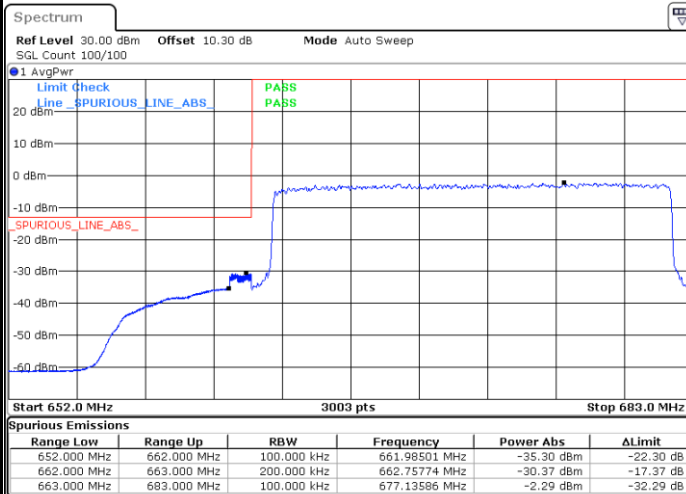
Lowest Band Edge / 1 RB



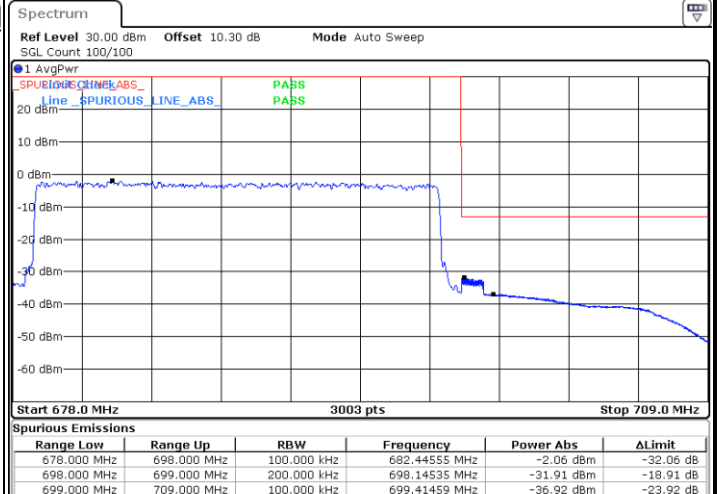
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

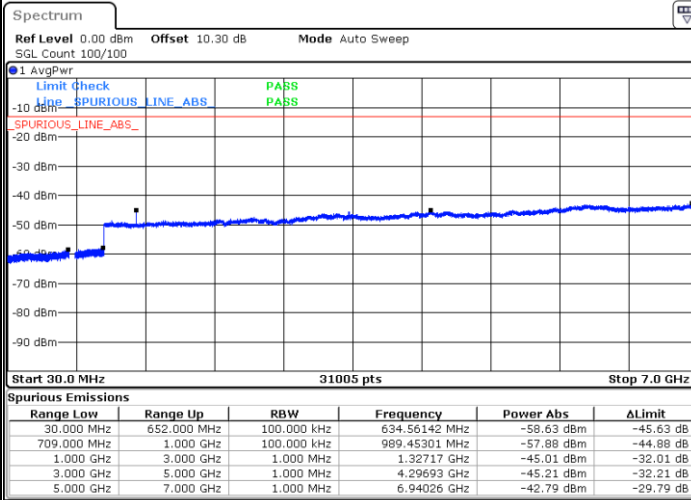




Conducted Spurious Emission

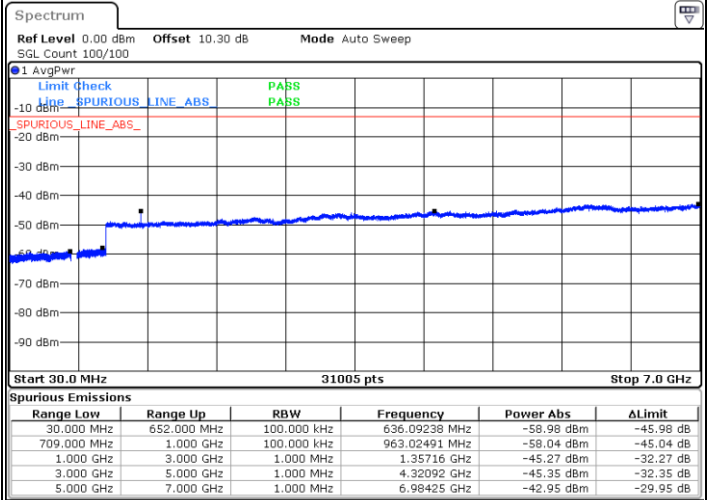
LTE Band 71 / 5MHz

Lowest Channel / QPSK



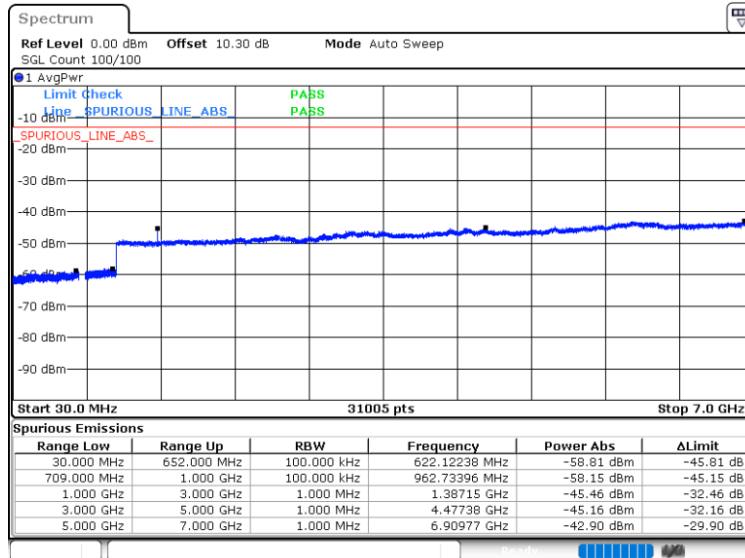
Date: 8.AUG.2022 21:57:59

Middle Channel / QPSK



Date: 8.AUG.2022 22:01:12

Highest Channel / QPSK

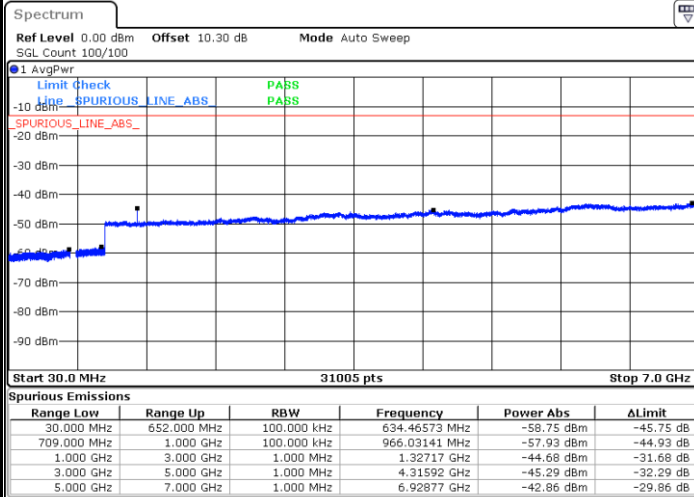


Date: 8.AUG.2022 22:06:43



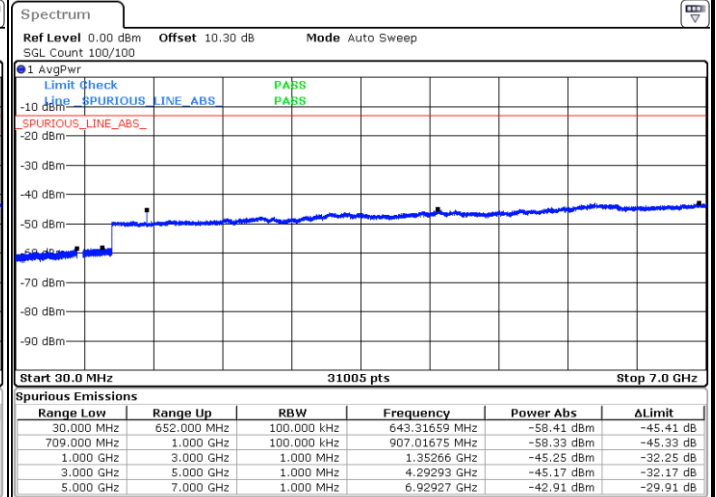
LTE Band 71 / 10MHz

Lowest Channel / QPSK



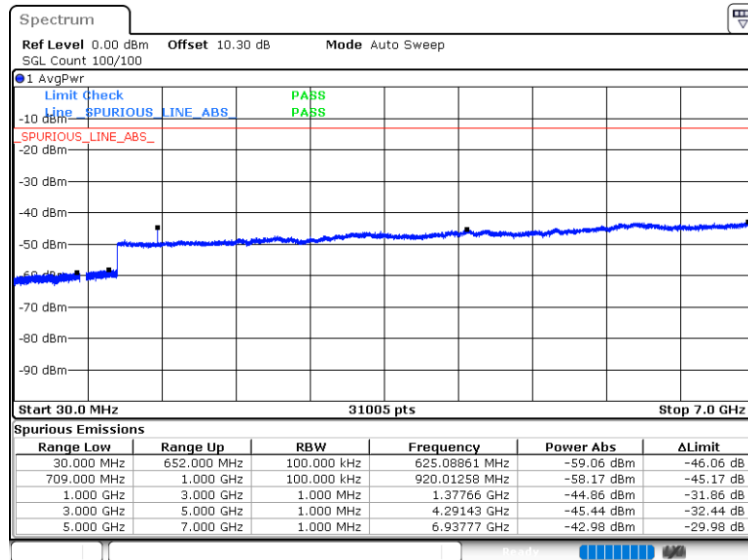
Date: 8.AUG.2022 22:17:17

Middle Channel / QPSK



Date: 8.AUG.2022 22:20:30

Highest Channel / QPSK

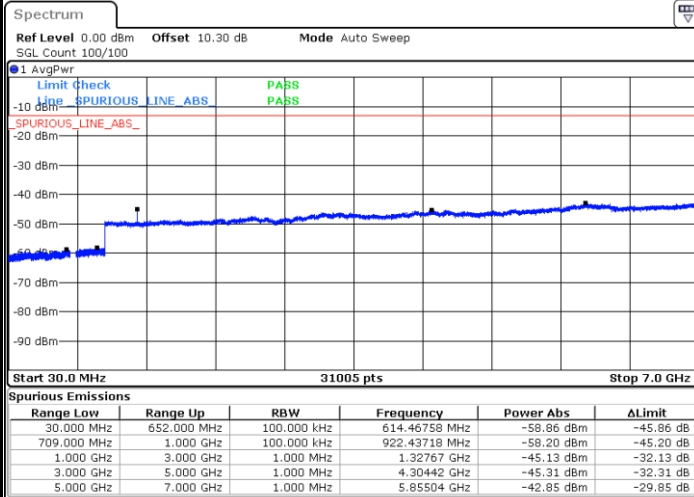


Date: 8.AUG.2022 22:26:02



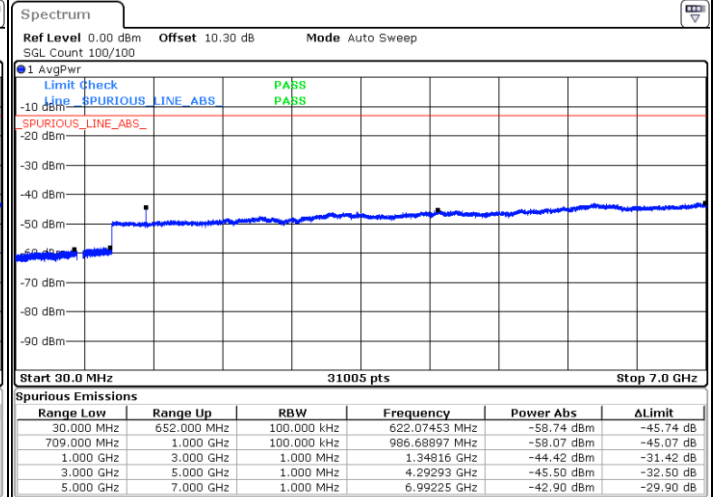
LTE Band 71 / 15MHz

Lowest Channel / QPSK



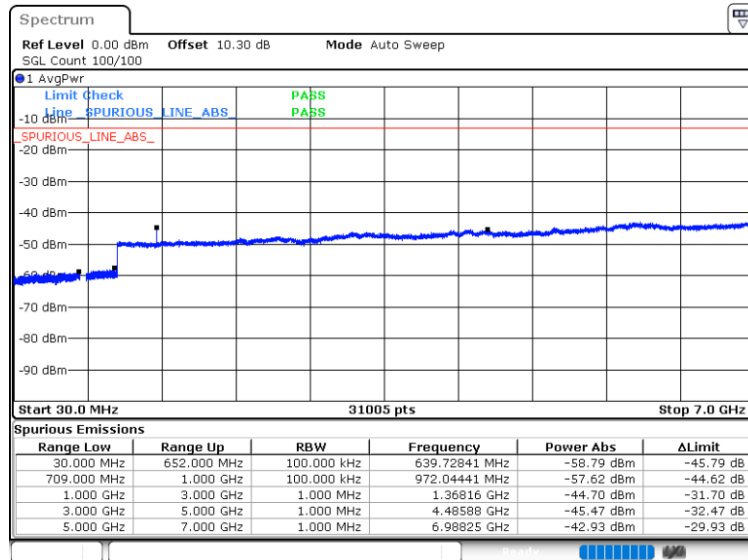
Date: 8.AUG.2022 22:36:36

Middle Channel / QPSK



Date: 8.AUG.2022 22:39:49

Highest Channel / QPSK

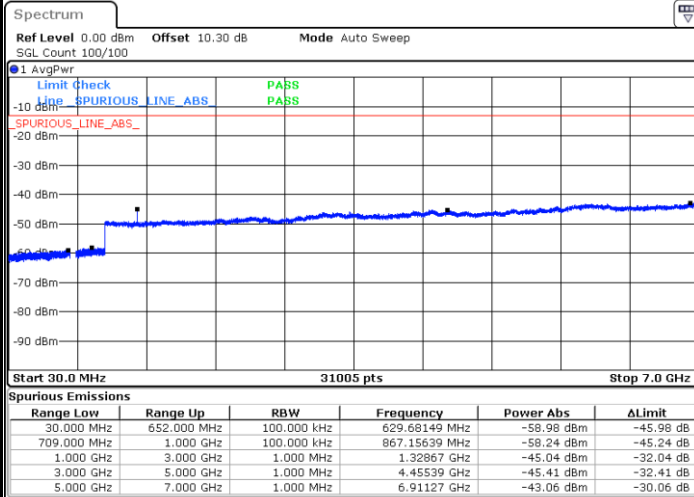


Date: 8.AUG.2022 22:45:20



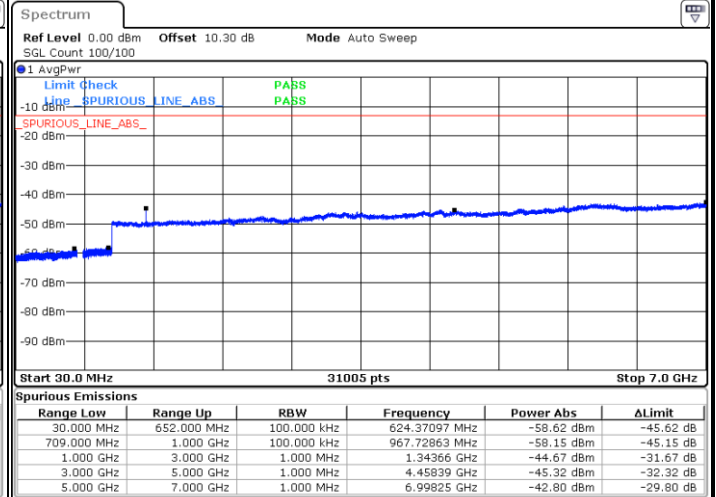
LTE Band 71 / 20MHz

Lowest Channel / QPSK



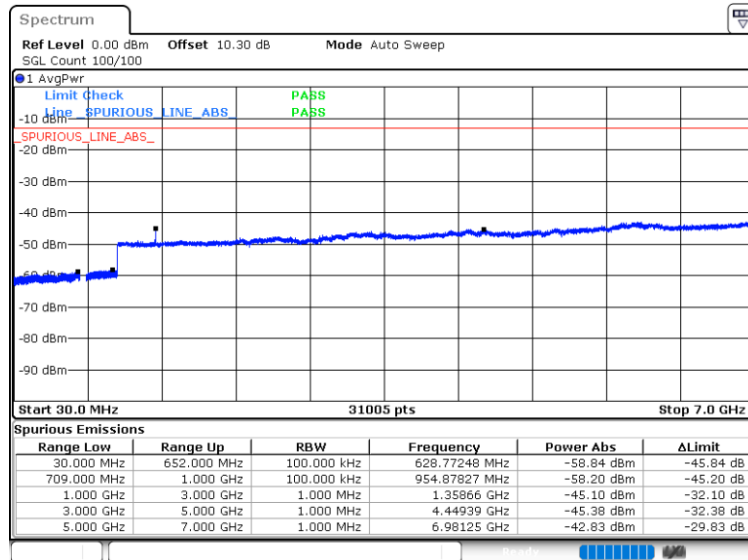
Date: 8.AUG.2022 22:55:55

Middle Channel / QPSK



Date: 8.AUG.2022 22:59:08

Highest Channel / QPSK



Date: 8.AUG.2022 23:04:39

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	0.0035	PASS
40	Normal Voltage	0.0062	
30	Normal Voltage	0.0031	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0137	
0	Normal Voltage	0.0190	
-10	Normal Voltage	0.0059	
-20	Normal Voltage	0.0019	
-30	Normal Voltage	0.0018	
20	Maximum Voltage	0.0044	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0054	

Note:

1. Normal Voltage = 3.30 V. ; Battery End Point (BEP) = 3.135 V. ; Maximum Voltage = 3.63 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

<Ant. 0>

LTE Band 2

LTE Band 2 / 20MHz / QPSK									
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	3702	-55.67	-13	-42.67	-74.25	-62.04	5.93	12.30	H
	5553	-53.41	-13	-40.41	-77.13	-58.97	7.74	13.31	H
	7404	-46.98	-13	-33.98	-77.35	-49.46	8.72	11.20	H
									H
									H
									H
	3702	-54.59	-13	-41.59	-73.22	-60.96	5.93	12.30	V
	5553	-52.21	-13	-39.21	-76.24	-57.77	7.74	13.31	V
	7404	-44.10	-13	-31.10	-74.38	-46.58	8.72	11.20	V
									V
									V
									V
Middle	3742	-55.53	-13	-42.53	-74.19	-61.87	5.96	12.30	H
	5613	-53.21	-13	-40.21	-76.76	-58.84	7.79	13.43	H
	7484	-47.11	-13	-34.11	-77.17	-49.56	8.75	11.20	H
									H
									H
									H
	3742	-55.11	-13	-42.11	-73.85	-61.45	5.96	12.30	V
	5613	-52.80	-13	-39.80	-76.82	-58.43	7.79	13.43	V
	7484	-45.46	-13	-32.46	-75.45	-47.91	8.75	11.20	V
									V
									V
									V



Highest	3782	-55.75	-13	-42.75	-74.47	-62.05	6.00	12.30	H
	5673	-52.30	-13	-39.30	-76	-57.96	7.84	13.50	H
	7564	-47.52	-13	-34.52	-77.08	-50.19	8.79	11.46	H
									H
									H
									H
									H
	3782	-55.11	-13	-42.11	-73.95	-61.41	6.00	12.30	V
	5673	-51.78	-13	-38.78	-75.93	-57.44	7.84	13.50	V
	7564	-45.46	-13	-32.46	-75.47	-48.13	8.79	11.46	V
									V
									V
									V
									V

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

**LTE Band 2C**

LTE Band CA 2C / 20MHz+20MHz / QPSK									
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	3730	-56.41	-13	-43.41	-75.04	-62.76	5.95	12.30	H
	5596	-53.79	-13	-40.79	-77.32	-59.4	7.78	13.39	H
	7461	-48.02	-13	-35.02	-78.16	-50.48	8.74	11.20	H
									H
									H
									H
									H
	3730	-56.23	-13	-43.23	-74.93	-62.58	5.95	12.30	V
	5596	-52.91	-13	-39.91	-76.91	-58.52	7.78	13.39	V
	7461	-48.42	-13	-35.42	-78.48	-50.88	8.74	11.20	V
									V
									V
									V
									V
Middle	3761	-56.22	-13	-43.22	-74.89	-62.54	5.98	12.30	H
	5641	-52.93	-13	-39.93	-76.55	-58.6	7.82	13.48	H
	7522	-48.30	-13	-35.30	-78.14	-50.82	8.77	11.29	H
									H
									H
									H
									H
	3761	-55.97	-13	-42.97	-74.75	-62.29	5.98	12.30	V
	5641	-53.03	-13	-40.03	-77.11	-58.7	7.82	13.48	V
	7522	-47.96	-13	-34.96	-77.91	-50.48	8.77	11.29	V
									V
									V
									V
									V



Highest	3771	-55.94	-13	-42.94	-74.65	-62.25	5.99	12.30	H
	5656	-53.23	-13	-40.23	-76.89	-58.9	7.83	13.50	H
	7542	-48.39	-13	-35.39	-78.1	-50.98	8.78	11.37	H
									H
									H
									H
									H
	3771	-55.85	-13	-42.85	-74.67	-62.16	5.99	12.30	V
	5656	-53.00	-13	-40.00	-77.11	-58.67	7.83	13.50	V
	7542	-47.34	-13	-34.34	-77.32	-49.93	8.78	11.37	V
									V
									V
									V
									V

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

**LTE Band 4**

LTE Band 4 / 20MHz / QPSK									
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	3422	-56.91	-13	-43.91	-74.7	-63.74	5.67	12.50	H
	5133	-53.49	-13	-40.49	-75.96	-58.41	7.55	12.47	H
	6844	-48.98	-13	-35.98	-77.53	-52.75	8.44	12.21	H
									H
									H
									H
									H
	3422	-56.78	-13	-43.78	-75.05	-63.61	5.67	12.50	V
	5133	-52.36	-13	-39.36	-74.84	-57.28	7.55	12.47	V
	6844	-48.72	-13	-35.72	-77.22	-52.49	8.44	12.21	V
									V
									V
									V
									V
Middle	3447	-56.94	-13	-43.94	-74.93	-63.75	5.69	12.50	H
	5171	-53.19	-13	-40.19	-75.8	-58.30	7.56	12.67	H
	6894	-49.02	-13	-36.02	-77.35	-52.57	8.48	12.02	H
									H
									H
									H
									H
	3447	-56.01	-13	-43.01	-74.43	-62.82	5.69	12.50	V
	5171	-51.33	-13	-38.33	-73.93	-56.44	7.56	12.67	V
	6894	-48.53	-13	-35.53	-77.2	-52.08	8.48	12.02	V
									V
									V
									V
									V



Highest	3472	-56.92	-13	-43.92	-75.17	-63.66	5.71	12.46	H
	5208	-53.61	-13	-40.61	-76.36	-58.98	7.58	12.95	H
	6944	-48.60	-13	-35.60	-76.7	-52.00	8.51	11.91	H
									H
									H
									H
									H
	3472	-56.16	-13	-43.16	-74.76	-62.90	5.71	12.46	V
	5208	-52.84	-13	-39.84	-75.58	-58.21	7.58	12.95	V
	6944	-48.16	-13	-35.16	-76.98	-51.56	8.51	11.91	V
									V
									V
									V
									V

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

**LTE Band 26**

LTE Band 26 / 15MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1649	-58.80	-13	-45.80	-69.2	-62.26	3.88	9.49	H
	2474	-58.66	-13	-45.66	-73.36	-62.26	4.80	10.55	H
	3299	-58.05	-13	-45.05	-74.97	-62.54	5.56	12.19	H
									H
									H
									H
									H
	1649	-63.56	-13	-50.56	-74.09	-67.02	3.88	9.49	V
	2474	-59.48	-13	-46.48	-74.53	-63.08	4.80	10.55	V
	3299	-58.23	-13	-45.23	-75.63	-62.72	5.56	12.19	V
									V
									V
									V
									V
Middle	1659	-62.25	-13	-49.25	-72.7	-65.76	3.89	9.55	H
	2489	-58.96	-13	-45.96	-73.64	-62.57	4.82	10.58	H
	3319	-57.42	-13	-44.42	-74.31	-61.97	5.57	12.28	H
									H
									H
									H
									H
	1659	-62.29	-13	-49.29	-72.87	-65.8	3.89	9.55	V
	2489	-58.66	-13	-45.66	-73.75	-62.27	4.82	10.58	V
	3319	-57.05	-13	-44.05	-74.43	-61.6	5.57	12.28	V
									V
									V
									V
									V



Highest	1669	-62.65	-13	-49.65	-73.16	-66.21	3.91	9.61	H
	2504	-59.32	-13	-46.32	-73.99	-62.96	4.83	10.62	H
	3339	-58.04	-13	-45.04	-74.92	-62.65	5.59	12.36	H
									H
									H
									H
									H
	1669	-63.27	-13	-50.27	-73.9	-66.83	3.91	9.61	V
	2504	-58.87	-13	-45.87	-73.96	-62.51	4.83	10.62	V
	3339	-58.22	-13	-45.22	-75.6	-62.83	5.59	12.36	V
									V
									V
									V
									V

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

**LTE Band 5**

LTE Band 5 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1649	-62.92	-13	-49.92	-73.32	-66.38	3.88	9.49	H
	2473	-59.34	-13	-46.34	-74.04	-62.94	4.80	10.55	H
	3298	-57.04	-13	-44.04	-74.69	-61.52	5.55	12.19	H
									H
									H
									H
									H
	1649	-62.71	-13	-49.71	-73.24	-66.17	3.88	9.49	V
	2473	-58.79	-13	-45.79	-73.84	-62.39	4.80	10.55	V
	3298	-57.04	-13	-44.04	-74.44	-61.52	5.55	12.19	V
									V
									V
									V
									V
Middle	1664	-62.41	-13	-49.41	-72.88	-65.94	3.90	9.58	H
	2496	-59.13	-13	-46.13	-73.8	-62.75	4.83	10.59	H
	3328	-57.69	-13	-44.69	-74.57	-62.27	5.58	12.31	H
									H
									H
									H
									H
	1664	-62.22	-13	-49.22	-72.82	-65.75	3.90	9.58	V
	2496	-58.29	-13	-45.29	-73.39	-61.91	4.83	10.59	V
	3328	-57.17	-13	-44.17	-74.54	-61.75	5.58	12.31	V
									V
									V
									V
									V



Highest	1679	-62.04	-13	-49.04	-72.59	-65.65	3.92	9.67	H
	2518	-59.15	-13	-46.15	-73.84	-62.86	4.85	10.71	H
	3358	-57.77	-13	-44.77	-74.61	-62.43	5.61	12.42	H
									H
									H
									H
									H
	1679	-62.01	-13	-49.01	-72.68	-65.62	3.92	9.67	V
	2518	-58.85	-13	-45.85	-73.91	-62.56	4.85	10.71	V
	3358	-56.85	-13	-43.85	-74.2	-61.51	5.61	12.42	V
									V
									V
									V
									V

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

**LTE Band 5B**

LTE Band 5B / 10MHz+10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1667	-62.31	-13	-49.31	-72.81	-65.86	3.90	9.60	H
	2501	-59.28	-13	-46.28	-73.94	-62.91	4.83	10.61	H
	3335	-58.14	-13	-45.14	-75.01	-62.74	5.59	12.34	H
									H
									H
									H
									H
	1667	-62.47	-13	-49.47	-73.09	-66.02	3.90	9.60	V
	2501	-59.01	-13	-46.01	-74.1	-62.64	4.83	10.61	V
	3335	-57.80	-13	-44.80	-75.17	-62.4	5.59	12.34	V
									V
									V
									V
									V
Middle	1673	-62.55	-13	-49.55	-73.07	-66.13	3.91	9.64	H
	2509	-59.00	-13	-46.00	-73.68	-62.67	4.84	10.65	H
	3346	-58.29	-13	-45.29	-75.15	-62.93	5.60	12.38	H
									H
									H
									H
									H
	1673	-60.98	-13	-47.98	-71.62	-64.56	3.91	9.64	V
	2509	-59.04	-13	-46.04	-74.12	-62.71	4.84	10.65	V
	3346	-57.46	-13	-44.46	-74.82	-62.1	5.60	12.38	V
									V
									V
									V
									V



Highest	1678	-62.55	-13	-49.55	-73.09	-66.15	3.92	9.67	H
	2517	-59.53	-13	-46.53	-74.22	-63.24	4.85	10.70	H
	3356	-57.88	-13	-44.88	-74.72	-62.53	5.61	12.41	H
									H
									H
									H
									H
	1678	-62.50	-13	-49.50	-73.17	-66.1	3.92	9.67	V
	2517	-59.34	-13	-46.34	-74.4	-63.05	4.85	10.70	V
	3356	-57.31	-13	-44.31	-74.66	-61.96	5.61	12.41	V
									V
									V
									V
									V

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

**LTE Band 12**

LTE Band 12 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1399	-62.32	-13	-49.32	-72.33	-63.99	3.57	7.39	H
	2099	-58.31	-13	-45.31	-72.08	-61.47	4.40	9.71	H
	2798	-58.13	-13	-45.13	-74.24	-61.88	5.10	11.00	H
									H
									H
									H
									H
	1399	-62.27	-13	-49.27	-72.27	-63.94	3.57	7.39	V
	2099	-55.22	-13	-42.22	-69.47	-58.38	4.40	9.71	V
	2798	-58.00	-13	-45.00	-74.29	-61.75	5.10	11.00	V
									V
									V
									V
									V
Middle	1406	-63.31	-13	-50.31	-73.34	-65.00	3.58	7.42	H
	2109	-61.39	-13	-48.39	-75.28	-64.46	4.41	9.63	H
	2812	-59.43	-13	-46.43	-75.57	-63.17	5.11	11.00	H
									H
									H
									H
									H
	1406	-62.11	-13	-49.11	-72.17	-63.80	3.58	7.42	V
	2109	-54.34	-13	-41.34	-68.77	-57.41	4.41	9.63	V
	2812	-58.28	-13	-45.28	-74.58	-62.02	5.11	11.00	V
									V
									V



Highest	1413	-62.55	-13	-49.55	-72.63	-64.26	3.59	7.45	H
	2119	-56.64	-13	-43.64	-70.65	-59.62	4.42	9.55	H
	2826	-57.77	-13	-44.77	-73.96	-61.50	5.12	11.00	H
									H
									H
									H
	1413	-62.33	-13	-49.33	-72.43	-64.04	3.59	7.45	H
	2119	-53.41	-13	-40.41	-67.98	-56.39	4.42	9.55	V
	2826	-57.82	-13	-44.82	-74.14	-61.55	5.12	11.00	V
									V
									V
									V
									V
									V

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

**LTE Band 13**

LTE Band 13 / 5MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1555	-60.45	-13	-47.45	-70.77	-67.21	0.51	9.42	H
	2332	-59.38	-13	-46.38	-74.25	-67.27	0.62	10.67	H
	3109	-58.13	-13	-45.13	-75.01	-66.66	0.74	11.43	H
									H
									H
									H
									H
	1555	-57.60	-13	-44.60	-68.04	-64.36	0.51	9.42	V
	2332	-59.37	-13	-46.37	-74.53	-67.26	0.62	10.67	V
	3109	-57.82	-13	-44.82	-74.90	-66.35	0.74	11.43	V
									V
									V
									V
									V
Middle	1560	-60.41	-42.15	-18.26	-70.70	-67.18	0.51	9.43	H
	2340	-59.41	-13	-46.41	-74.27	-67.31	0.62	10.67	H
	3119	-57.95	-13	-44.95	-74.85	-66.51	0.74	11.46	H
									H
									H
									H
									H
	1560	-59.49	-42.15	-17.34	-69.90	-66.26	0.51	9.43	V
	2340	-58.94	-13	-45.94	-74.07	-66.84	0.62	10.67	V
	3119	-57.77	-13	-44.77	-74.89	-66.33	0.74	11.46	V
									V
									V
									V
									V



Highest	1565	-61.33	-42.15	-19.18	-71.59	-68.11	0.52	9.44	H
	2347	-59.36	-13	-46.36	-74.22	-67.26	0.62	10.68	H
	3129	-58.21	-13	-45.21	-75.13	-66.80	0.74	11.49	H
									H
									H
									H
									H
	1565	-60.45	-42.15	-18.30	-70.84	-67.23	0.52	9.44	V
	2347	-59.15	-13	-46.15	-74.26	-67.05	0.62	10.68	V
	3129	-58.13	-13	-45.13	-75.29	-66.72	0.74	11.49	V
									V
									V
									V
									V

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



LTE Band 13 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1555	-53.69	-13	-40.69	-64.01	-60.45	0.51	9.42	H
	2333	-58.86	-13	-45.86	-73.73	-66.75	0.62	10.67	H
	3110	-57.84	-13	-44.84	-74.72	-66.38	0.74	11.43	H
									H
									H
									H
									H
	1555	-50.16	-13	-37.16	-60.6	-56.92	0.51	9.42	V
	2333	-58.48	-13	-45.48	-73.64	-66.37	0.62	10.67	V
	3110	-57.91	-13	-44.91	-74.98	-66.45	0.74	11.43	V
									V
									V
									V
									V

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

**LTE Band 17**

LTE Band 17 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1409	-62.40	-13	-49.40	-72.44	-66.09	1.67	5.36	H
	2113	-59.37	-13	-46.37	-73.32	-63.06	2.12	5.81	H
	2818	-58.10	-13	-45.10	-74.27	-64.82	2.24	8.96	H
									H
									H
									H
									H
	1409	-62.06	-13	-49.06	-72.13	-65.75	1.67	5.36	V
	2113	-59.09	-13	-46.09	-73.58	-62.78	2.12	5.81	V
	2818	-57.84	-13	-44.84	-74.15	-64.56	2.24	8.96	V
									V
									V
									V
									V
Middle	1411	-62.15	-13	-49.15	-72.21	-65.85	1.67	5.37	H
	2116	-59.57	-13	-46.57	-73.55	-63.26	2.12	5.81	H
	2822	-57.62	-13	-44.62	-73.8	-64.34	2.24	8.96	H
									H
									H
									H
									H
	1411	-62.05	-13	-49.05	-72.13	-65.75	1.67	5.37	V
	2116	-58.82	-13	-45.82	-73.35	-62.51	2.12	5.81	V
	2822	-57.39	-13	-44.39	-73.71	-64.11	2.24	8.96	V
									V
									V
									V
									V



Highest	1413	-62.01	-13	-49.01	-72.08	-65.89	1.25	5.13	H
	2119	-59.66	-13	-46.66	-73.68	-63.17	1.48	5.00	H
	2826	-57.84	-13	-44.84	-74.03	-64.28	2.02	8.47	H
									H
									H
									H
									H
	1413	-61.83	-13	-48.83	-71.93	-65.71	1.25	5.13	V
	2119	-59.34	-13	-46.34	-73.91	-62.85	1.48	5.00	V
	2826	-57.31	-13	-44.31	-73.63	-63.75	2.02	8.47	V
									V
									V
									V
									V

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

**LTE Band 71**

LTE Band 71 / 20MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1328	-62.00	-13	-49.00	-71.31	-65.38	3.47	6.86	H
	1992	-61.40	-13	-48.40	-73.94	-67.32	4.28	10.20	H
	2656	-59.45	-13	-46.45	-74.67	-65.28	4.97	10.80	H
									H
									H
									H
									H
	1328	-62.69	-13	-49.69	-72.01	-66.07	3.47	6.86	V
	1992	-60.55	-13	-47.55	-73.46	-66.47	4.28	10.20	V
	2656	-59.62	-13	-46.62	-74.93	-65.45	4.97	10.80	V
									V
									V
									V
									V
Middle	1348	-62.76	-13	-49.76	-72.31	-66.16	3.50	6.90	H
	2022	-53.30	-13	-40.30	-66.16	-59.19	4.31	10.20	H
	2696	-59.48	-13	-46.48	-74.95	-65.27	5.01	10.80	H
									H
									H
									H
									H
	1348	-62.14	-13	-49.14	-71.65	-65.54	3.50	6.90	V
	2022	-52.54	-13	-39.54	-65.82	-58.43	4.31	10.20	V
	2696	-59.38	-13	-46.38	-74.96	-65.17	5.01	10.80	V
									V
									V



Highest	1358	-62.72	-13	-49.72	-72.34	-66.19	3.51	6.98	H
	2037	-60.89	-13	-47.89	-73.92	-66.76	4.33	10.20	H
	2716	-59.10	-13	-46.10	-74.69	-64.91	5.02	10.83	H
									H
									H
									H
									H
	1358	-62.57	-13	-49.57	-72.18	-66.04	3.51	6.98	V
	2037	-60.53	-13	-47.53	-74	-66.40	4.33	10.20	V
	2716	-58.53	-13	-45.53	-74.21	-64.34	5.02	10.83	V
									V
									V
									V
									V

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

**LTE Band 25**

LTE Band 25 / 20MHz / QPSK									
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	3702	-55.25	-13	-42.25	-73.83	-61.62	5.93	12.30	H
	5553	-52.78	-13	-39.78	-76.5	-58.34	7.74	13.31	H
	7404	-47.30	-13	-34.30	-77.67	-49.78	8.72	11.20	H
									H
									H
									H
									H
	3702	-55.25	-13	-42.25	-73.83	-61.62	5.93	12.30	V
	5553	-52.78	-13	-39.78	-76.5	-58.34	7.74	13.31	V
	7404	-47.30	-13	-34.30	-77.67	-49.78	8.72	11.20	V
									V
									V
									V
									V
Middle	3742	-54.02	-13	-41.02	-72.68	-60.36	5.96	12.30	H
	5613	-52.95	-13	-39.95	-76.5	-58.58	7.79	13.43	H
	7484	-46.99	-13	-33.99	-77.05	-49.44	8.75	11.20	H
									H
									H
									H
									H
	3742	-52.44	-13	-39.44	-71.18	-58.78	5.96	12.30	V
	5613	-52.57	-13	-39.57	-76.59	-58.20	7.79	13.43	V
	7484	-45.46	-13	-32.46	-75.45	-47.91	8.75	11.20	V
									V
									V
									V
									V



Highest	3792	-55.52	-13	-42.52	-74.26	-61.81	6.01	12.30	H
	5688	-52.83	-13	-39.83	-76.55	-58.48	7.85	13.50	H
	7584	-47.62	-13	-34.62	-77.05	-50.36	8.80	11.54	H
									H
									H
									H
									H
	3792	-55.32	-13	-42.32	-74.19	-61.61	6.01	12.30	V
	5688	-52.31	-13	-39.31	-76.48	-57.96	7.85	13.50	V
	7584	-44.49	-13	-31.49	-74.52	-47.23	8.80	11.54	V
									V
									V
									V
									V

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

**LTE Band 7**

LTE Band 7 / 20MHz / QPSK									
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	5002	-54.44	-25	-29.44	-76.43	-59.65	7.49	12.70	H
	7503	-47.83	-25	-22.83	-77.8	-50.28	8.76	11.21	H
	10004	-43.93	-25	-18.93	-78.11	-45.02	10.01	11.11	H
									H
									H
									H
									H
	5002	-54.75	-25	-29.75	-76.79	-59.96	7.49	12.70	V
	7503	-47.98	-25	-22.98	-77.9	-50.43	8.76	11.21	V
	10004	-45.52	-25	-20.52	-78.77	-46.61	10.01	11.11	V
									V
									V
									V
									V
Middle	5052	-54.15	-25	-29.15	-76.32	-59.23	7.51	12.59	H
	7578	-48.27	-25	-23.27	-77.74	-50.99	8.80	11.51	H
	10104	-43.62	-25	-18.62	-77.78	-44.82	10.10	11.30	H
									H
									H
									H
									H
	5052	-54.44	-25	-29.44	-76.65	-59.52	7.51	12.59	V
	7578	-48.20	-25	-23.20	-78.22	-50.92	8.80	11.51	V
	10104	-44.49	-25	-19.49	-77.86	-45.69	10.10	11.30	V
									V
									V
									V
									V



Highest	5102	-54.40	-25	-29.40	-76.75	-59.27	7.53	12.40	H
	7653	-48.16	-25	-23.16	-77.54	-51.03	8.83	11.70	H
	10204	-43.71	-25	-18.71	-77.84	-44.82	10.18	11.29	H
									H
									H
									H
									H
	5102	-55.46	-25	-30.46	-77.83	-60.33	7.53	12.40	V
	7653	-47.88	-25	-22.88	-77.77	-50.75	8.83	11.70	V
	10204	-44.79	-25	-19.79	-78.26	-45.9	10.18	11.29	V
									V
									V
									V
									V

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

**LTE Band 7C**

LTE Band 7C / 20MHz+20MHz / QPSK									
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	5030	-54.59	-25	-29.59	-76.69	-59.73	7.50	12.64	H
	7546	-47.83	-25	-22.83	-77.5	-50.43	8.78	11.38	H
	10061	-43.58	-25	-18.58	-77.75	-44.74	10.06	11.22	H
									H
									H
									H
									H
	5030	-54.55	-25	-29.55	-76.69	-59.69	7.50	12.64	V
	7546	-47.54	-25	-22.54	-77.51	-50.14	8.78	11.38	V
	10061	-44.38	-25	-19.38	-77.7	-45.54	10.06	11.22	V
									V
									V
									V
									V
Middle	5061	-54.67	-25	-29.67	-76.88	-59.71	7.52	12.56	H
	7591	-48.43	-25	-23.43	-77.81	-51.19	8.80	11.56	H
	10122	-43.57	-25	-18.57	-77.72	-44.76	10.11	11.30	H
									H
									H
									H
									H
	5061	-54.89	-25	-29.89	-77.13	-59.93	7.52	12.56	V
	7591	-47.85	-25	-22.85	-77.89	-50.61	8.80	11.56	V
	10122	-43.42	-25	-18.42	-76.8	-44.61	10.11	11.30	V
									V
									V
									V
									V



Highest	5091	-54.82	-25	-29.82	-77.13	-59.73	7.53	12.44	H
	7636	-48.35	-25	-23.35	-77.72	-51.2	8.82	11.67	H
	10182	-43.46	-25	-18.46	-77.6	-44.6	10.16	11.30	H
									H
									H
									H
									H
	5091	-54.55	-25	-29.55	-76.88	-59.46	7.53	12.44	V
	7636	-47.68	-25	-22.68	-77.62	-50.53	8.82	11.67	V
	10182	-44.03	-25	-19.03	-77.48	-45.17	10.16	11.30	V
									V
									V
									V
									V

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

**LTE Band 38**

LTE Band 38 / 20MHz / QPSK									
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	5142	-54.66	-25	-29.66	-77.16	-59.59	7.55	12.48	H
	7713	-48.19	-25	-23.19	-77.65	-51.06	8.86	11.73	H
	10284	-43.43	-25	-18.43	-77.54	-44.32	10.24	11.13	H
									H
									H
									H
									H
	5142	-54.68	-25	-29.68	-77.19	-59.61	7.55	12.48	V
	7713	-47.45	-25	-22.45	-77.18	-50.32	8.86	11.73	V
	10284	-43.85	-25	-18.85	-77.41	-44.74	10.24	11.13	V
									V
									V
									V
									V
Middle	5172	-54.31	-25	-29.31	-76.92	-59.42	7.56	12.68	H
	7758	-47.71	-25	-22.71	-77.22	-50.65	8.88	11.82	H
	10344	-43.26	-25	-18.26	-77.35	-43.94	10.29	10.97	H
									H
									H
									H
									H
	5172	-54.49	-25	-29.49	-77.09	-59.6	7.56	12.68	V
	7758	-47.69	-25	-22.69	-77.28	-50.63	8.88	11.82	V
	10344	-43.79	-25	-18.79	-77.41	-44.47	10.29	10.97	V
									V
									V
									V
									V



Highest	5202	-55.09	-25	-30.09	-77.81	-60.43	7.57	12.91	H
	7803	-48.06	-25	-23.06	-77.63	-51.05	8.90	11.89	H
	10404	-43.31	-25	-18.31	-77.4	-43.77	10.34	10.80	H
									H
									H
									H
									H
	5202	-55.15	-25	-30.15	-77.85	-60.49	7.57	12.91	V
	7803	-48.24	-25	-23.24	-77.72	-51.23	8.90	11.89	V
	10404	-43.39	-25	-18.39	-77.09	-43.85	10.34	10.80	V
									V
									V
									V
									V

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

**LTE Band 38C**

LTE Band 38C / 20MHz+20MHz / QPSK									
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	5180	-55.41	-25	-30.41	-78.06	-60.58	7.57	12.74	H
	7770	-47.67	-25	-22.67	-77.2	-50.63	8.88	11.84	H
	10360	-43.34	-25	-18.34	-77.43	-43.95	10.31	10.92	H
									H
									H
									H
									H
	5180	-55.47	-25	-30.47	-78.11	-60.64	7.57	12.74	V
	7770	-47.87	-25	-22.87	-77.43	-50.83	8.88	11.84	V
	10360	-43.78	-25	-18.78	-77.43	-44.39	10.31	10.92	V
									V
									V
									V
									V
Middle	5190	-55.19	-25	-30.19	-77.86	-60.44	7.57	12.82	H
	7785	-47.20	-25	-22.20	-76.74	-50.18	8.89	11.87	H
	10380	-43.16	-25	-18.16	-77.24	-43.7	10.32	10.86	H
									H
									H
									H
									H
	5190	-54.90	-25	-29.90	-77.56	-60.15	7.57	12.82	V
	7785	-47.23	-25	-22.23	-76.73	-50.21	8.89	11.87	V
	10380	-43.50	-25	-18.50	-77.17	-44.04	10.32	10.86	V
									V
									V
									V
									V



Highest	5200	-55.46	-25	-30.46	-78.18	-60.79	7.57	12.90	H
	7800	-47.46	-25	-22.46	-77.02	-50.46	8.90	11.90	H
	10400	-43.15	-25	-18.15	-77.24	-43.61	10.34	10.80	H
									H
									H
									H
									H
	5200	-55.45	-25	-30.45	-78.13	-60.78	7.57	12.90	V
	7800	-48.05	-25	-23.05	-77.52	-51.05	8.90	11.90	V
	10400	-43.85	-25	-18.85	-77.55	-44.31	10.34	10.80	V
									V
									V
									V
									V

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

**LTE Band 41(HPUE)**

LTE Band 41 (HPUE) / 20MHz / QPSK									
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	4994	-54.10	-25	-29.10	-76.1	-59.33	7.48	12.71	H
	7491	-46.93	-25	-21.93	-76.96	-49.37	8.76	11.20	H
	9988	-43.30	-25	-18.30	-77.43	-44.37	10.01	11.08	H
									H
									H
									H
									H
	4994	-54.02	-25	-29.02	-76.08	-59.25	7.48	12.71	V
	7491	-47.09	-25	-22.09	-77.05	-49.53	8.76	11.20	V
	9988	-44.22	-25	-19.22	-77.44	-45.29	10.01	11.08	V
									V
									V
									V
									V
Middle	5168	-53.76	-25	-28.76	-76.35	-58.84	7.56	12.64	H
	7752	-47.02	-25	-22.02	-76.52	-49.95	8.88	11.80	H
	10336	-42.51	-25	-17.51	-76.61	-43.22	10.29	10.99	H
									H
									H
									H
									H
	5168	-53.38	-25	-28.38	-75.97	-58.46	7.56	12.64	V
	7752	-46.79	-25	-21.79	-76.39	-49.72	8.88	11.80	V
	10336	-43.43	-25	-18.43	-77.05	-44.14	10.29	10.99	V
									V
									V
									V
									V



Highest	5342	-53.73	-25	-28.73	-77.33	-59.66	7.63	13.57	H
	8013	-46.44	-25	-21.44	-76.4	-48.72	9.00	11.27	H
	10684	-43.06	-25	-18.06	-77.13	-43.49	10.49	10.92	H
									H
									H
									H
									H
	5342	-53.63	-25	-28.63	-77.13	-59.56	7.63	13.57	V
	8013	-46.09	-25	-21.09	-76.07	-48.37	9.00	11.27	V
	10684	-42.92	-25	-17.92	-76.84	-43.35	10.49	10.92	V
									V
									V
									V
									V

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

**LTE Band 41C(HPUE)**

LTE Band 41C (HPUE) / 20MHz+20MHz / QPSK									
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	5028	-54.62	-25	-29.62	-76.71	-59.76	7.50	12.64	H
	7548	-47.93	-25	-22.93	-77.59	-50.54	8.78	11.39	H
	10062	-43.66	-25	-18.66	-77.83	-44.82	10.06	11.22	H
									H
									H
									H
									H
	5028	-54.60	-25	-29.60	-76.73	-59.74	7.50	12.64	V
	7548	-47.39	-25	-22.39	-77.37	-50	8.78	11.39	V
	10062	-44.33	-25	-19.33	-77.65	-45.49	10.06	11.22	V
									V
									V
									V
									V
Middle	5184	-55.26	-25	-30.26	-77.91	-60.46	7.57	12.77	H
	7776	-47.80	-25	-22.80	-77.34	-50.77	8.89	11.85	H
	10368	-42.85	-25	-17.85	-76.94	-43.43	10.31	10.90	H
									H
									H
									H
									H
	5184	-55.34	-25	-30.34	-77.98	-60.54	7.57	12.77	V
	7776	-47.45	-25	-22.45	-76.97	-50.42	8.89	11.85	V
	10368	-43.23	-25	-18.23	-76.88	-43.81	10.31	10.90	V
									V
									V
									V
									V



Highest	5340	-52.70	-25	-27.70	-76.29	-58.63	7.63	13.56	H
	8010	-47.31	-25	-22.31	-77.27	-49.59	9.00	11.28	H
	10674	-43.81	-25	-18.81	-77.87	-44.25	10.49	10.93	H
									H
									H
									H
									H
	5340	-54.98	-25	-29.98	-78.47	-60.91	7.63	13.56	V
	8010	-47.40	-25	-22.40	-77.37	-49.68	9.00	11.28	V
	10674	-44.06	-25	-19.06	-77.97	-44.5	10.49	10.93	V
									V
									V
									V
									V

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

**LTE Band 66**

LTE Band 66 / 20MHz / QPSK									
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	3422	-56.94	-13	-43.94	-74.73	-63.77	5.67	12.50	H
	5133	-55.07	-13	-42.07	-77.54	-59.99	7.55	12.47	H
	6844	-49.89	-13	-36.89	-78.44	-53.66	8.44	12.21	H
									H
									H
									H
									H
	3422	-56.24	-13	-43.24	-74.51	-63.07	5.67	12.50	V
	5133	-54.32	-13	-41.32	-76.8	-59.24	7.55	12.47	V
	6844	-49.25	-13	-36.25	-77.75	-53.02	8.44	12.21	V
									V
									V
									V
									V
Middle	3472	-56.72	-13	-43.72	-74.95	-63.46	5.71	12.46	H
	5208	-55.38	-13	-42.38	-78.13	-60.75	7.58	12.95	H
	6944	-49.81	-13	-36.81	-77.91	-53.21	8.51	11.91	H
									H
									H
									H
									H
	3472	-55.78	-13	-42.78	-74.4	-62.52	5.71	12.46	V
	5208	-53.25	-13	-40.25	-75.99	-58.62	7.58	12.95	V
	6944	-48.25	-13	-35.25	-77.07	-51.65	8.51	11.91	V
									V
									V
									V
									V



Highest	3522	-56.41	-13	-43.41	-74.86	-62.92	5.76	12.27	H
	5283	-55.14	-13	-42.14	-78.37	-60.86	7.61	13.33	H
	7044	-48.79	-13	-35.79	-76.99	-51.86	8.57	11.64	H
									H
									H
									H
									H
	3522	-55.89	-13	-42.89	-74.58	-62.40	5.76	12.27	V
	5283	-55.22	-13	-42.22	-78.39	-60.94	7.61	13.33	V
	7044	-47.30	-13	-34.30	-76.47	-50.37	8.57	11.64	V
									V
									V
									V
									V

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

**LTE Band 66B**

LTE Band 66B / 10MHz+10MHz / QPSK									
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	3439	-56.65	-13	-43.65	-74.6	-63.47	5.68	12.50	H
	5159	-54.98	-13	-41.98	-77.54	-60.00	7.56	12.57	H
	6879	-48.96	-13	-35.96	-77.35	-52.58	8.47	12.08	H
									H
									H
									H
									H
	3439	-56.12	-13	-43.12	-74.51	-62.94	5.68	12.50	V
	5159	-55.12	-13	-42.12	-77.68	-60.14	7.56	12.57	V
	6879	-48.88	-13	-35.88	-77.5	-52.50	8.47	12.08	V
									V
									V
									V
									V
Middle	3465	-56.80	-13	-43.80	-74.97	-63.56	5.71	12.47	H
	5197	-54.54	-13	-41.54	-77.23	-59.84	7.57	12.88	H
	6930	-49.39	-13	-36.39	-77.55	-52.83	8.50	11.94	H
									H
									H
									H
									H
	3465	-56.54	-13	-43.54	-75.09	-63.30	5.71	12.47	V
	5197	-54.87	-13	-41.87	-77.55	-60.17	7.57	12.88	V
	6930	-48.70	-13	-35.70	-77.49	-52.14	8.50	11.94	V
									V
									V
									V
									V



Highest	3507	-56.66	-13	-43.66	-75.12	-63.27	5.75	12.36	H
	5261	-54.51	-13	-41.51	-77.6	-60.15	7.60	13.24	H
	7015	-48.50	-13	-35.50	-76.48	-51.75	8.56	11.81	H
									H
									H
									H
									H
	3507	-55.97	-13	-42.97	-74.71	-62.58	5.75	12.36	V
	5261	-55.01	-13	-42.01	-78.05	-60.65	7.60	13.24	V
	7015	-47.84	-13	-34.84	-76.92	-51.09	8.56	11.81	V
									V
									V
									V
									V

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

**LTE Band 66C**

LTE Band 66C / 20MHz+20MHz / QPSK									
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	3450	-56.41	-13	-43.41	-74.46	-63.22	5.69	12.50	H
	5176	-54.85	-13	-41.85	-77.47	-59.99	7.56	12.71	H
	6901	-49.73	-13	-36.73	-78.02	-53.25	8.48	12.00	H
									H
									H
									H
									H
	3450	-56.55	-13	-43.55	-75.02	-63.36	5.69	12.50	V
	5176	-54.99	-13	-41.99	-77.61	-60.13	7.56	12.71	V
	6901	-49.34	-13	-36.34	-78.03	-52.86	8.48	12.00	V
									V
									V
									V
									V
Middle	3456	-56.90	-13	-43.90	-75	-63.69	5.70	12.49	H
	5184	-54.95	-13	-41.95	-77.6	-60.15	7.57	12.77	H
	6912	-49.56	-13	-36.56	-77.8	-53.05	8.49	11.98	H
									H
									H
									H
									H
	3456	-56.39	-13	-43.39	-74.89	-63.18	5.70	12.49	V
	5184	-55.17	-13	-42.17	-77.82	-60.37	7.57	12.77	V
	6912	-49.19	-13	-36.19	-77.91	-52.68	8.49	11.98	V
									V
									V
									V
									V



Highest	3461	-56.88	-13	-43.88	-75.02	-63.65	5.70	12.48	H
	5191	-55.15	-13	-42.15	-77.82	-60.41	7.57	12.83	H
	6922	-49.68	-13	-36.68	-77.88	-53.14	8.50	11.96	H
									H
									H
									H
									H
	3461	-56.30	-13	-43.30	-74.84	-63.07	5.70	12.48	V
	5191	-55.00	-13	-42.00	-77.66	-60.26	7.57	12.83	V
	6922	-48.94	-13	-35.94	-77.71	-52.40	8.50	11.96	V
									V
									V
									V
									V

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



<Ant. 2 + Ant. 0>

EN-DC 2A-n78A

EN-DC 2A-n78A / 20MHz / QPSK									
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	3702	-56.53	-13	-43.53	-75.11	-62.9	5.93	12.30	H
	5553	-53.39	-13	-40.39	-77.11	-58.95	7.74	13.31	H
	7404	-47.68	-13	-34.68	-78.05	-50.16	8.72	11.20	H
									H
									H
									H
									H
	3702	-56.79	-13	-43.79	-75.42	-63.16	5.93	12.30	V
	5553	-53.26	-13	-40.26	-77.29	-58.82	7.74	13.31	V
	7404	-47.63	-13	-34.63	-77.91	-50.11	8.72	11.20	V
									V
									V
									V
									V
Middle	3742	-56.28	-13	-43.28	-74.93	-62.62	5.96	12.30	H
	5613	-53.90	-13	-40.90	-77.45	-59.53	7.79	13.43	H
	7484	-47.54	-13	-34.54	-77.6	-49.99	8.75	11.20	H
									H
									H
									H
									H
	3742	-56.13	-13	-43.13	-74.87	-62.47	5.96	12.30	V
	5613	-53.57	-13	-40.57	-77.59	-59.2	7.79	13.43	V
	7484	-47.57	-13	-34.57	-77.55	-50.02	8.75	11.20	V
									V
									V
									V
									V



Highest	3782	-56.44	-13	-43.44	-75.16	-62.74	6.00	12.30	H
	5673	-53.44	-13	-40.44	-77.14	-59.1	7.84	13.50	H
	7564	-47.91	-13	-34.91	-77.47	-50.58	8.79	11.46	H
									H
									H
									H
									H
	3782	-56.26	-13	-43.26	-75.1	-62.56	6.00	12.30	V
	5673	-52.65	-13	-39.65	-76.8	-58.31	7.84	13.50	V
	7564	-47.78	-13	-34.78	-77.78	-50.45	8.79	11.46	V
									V
									V
									V
									V

Remark:

1. Spurious emissions within 30-1000MHz were found more than 20dB below line.
2. Test combination is EN-DC B2 + N78 (Antenna 2+0)

**EN-DC 4A-n78A**

EN-DC 4A-n78A / 20MHz / QPSK									
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	3422	-57.44	-13	-44.44	-75.23	-64.27	5.67	12.50	H
	5133	-54.71	-13	-41.71	-77.18	-59.63	7.55	12.47	H
	6844	-49.21	-13	-36.21	-77.76	-52.98	8.44	12.21	H
									H
									H
									H
									H
	3422	-56.87	-13	-43.87	-75.14	-63.70	5.67	12.50	V
	5133	-54.59	-13	-41.59	-77.07	-59.51	7.55	12.47	V
	6844	-49.51	-13	-36.51	-78	-53.28	8.44	12.21	V
									V
									V
									V
									V
Middle	3444	-57.46	-13	-44.46	-75.45	-64.27	5.69	12.50	H
	5172	-54.35	-13	-41.35	-76.96	-59.46	7.56	12.68	H
	6894	-49.70	-13	-36.70	-78.03	-53.25	8.48	12.02	H
									H
									H
									H
									H
	3444	-56.90	-13	-43.90	-75.32	-63.71	5.69	12.50	V
	5172	-54.07	-13	-41.07	-76.67	-59.18	7.56	12.68	V
	6894	-49.42	-13	-36.42	-78.09	-52.97	8.48	12.02	V
									V
									V
									V
									V



Highest	3447	-57.14	-13	-44.14	-75.16	-63.95	5.69	12.50	H
	5171	-54.20	-13	-41.20	-76.8	-59.31	7.56	12.67	H
	6894	-49.50	-13	-36.50	-77.83	-53.05	8.48	12.02	H
									H
									H
									H
									H
	3447	-56.93	-13	-43.93	-75.38	-63.74	5.69	12.50	V
	5171	-54.40	-13	-41.40	-77	-59.51	7.56	12.67	V
	6894	-49.44	-13	-36.44	-78.11	-52.99	8.48	12.02	V
									V
									V
									V
									V

Remark:

1. Spurious emissions within 30-1000MHz were found more than 20dB below line.
2. Test combination is EN-DC B4 + N78 (Antenna 2+0)

**EN-DC 25A-n78A**

EN-DC 25A-n78A / 20MHz / QPSK									
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	3702	-56.69	-13	-43.69	-75.27	-63.06	5.93	12.30	H
	5553	-53.49	-13	-40.49	-77.21	-59.05	7.74	13.31	H
	7404	-47.51	-13	-34.51	-77.88	-49.99	8.72	11.20	H
									H
									H
									H
									H
	3702	-56.64	-13	-43.64	-75.27	-63.01	5.93	12.30	V
	5553	-53.03	-13	-40.03	-77.06	-58.59	7.74	13.31	V
	7404	-47.61	-13	-34.61	-77.89	-50.09	8.72	11.20	V
									V
									V
									V
									V
Middle	3742	-56.37	-13	-43.37	-75.02	-62.71	5.96	12.30	H
	5613	-53.93	-13	-40.93	-77.48	-59.56	7.79	13.43	H
	7484	-47.69	-13	-34.69	-77.75	-50.14	8.75	11.20	H
									H
									H
									H
									H
	3742	-56.05	-13	-43.05	-74.79	-62.39	5.96	12.30	V
	5613	-53.53	-13	-40.53	-77.55	-59.16	7.79	13.43	V
	7484	-47.41	-13	-34.41	-77.39	-49.86	8.75	11.20	V
									V
									V
									V
									V



Highest	3792	-56.26	-13	-43.26	-75	-62.55	6.01	12.30	H
	5688	-53.71	-13	-40.71	-77.43	-59.36	7.85	13.50	H
	7584	-47.96	-13	-34.96	-77.39	-50.7	8.80	11.54	H
									H
									H
									H
									H
	3792	-56.01	-13	-43.01	-74.88	-62.3	6.01	12.30	V
	5688	-53.04	-13	-40.04	-77.21	-58.69	7.85	13.50	V
	7584	-47.49	-13	-34.49	-77.52	-50.23	8.80	11.54	V
									V
									V
									V
									V

Remark:

1. Spurious emissions within 30-1000MHz were found more than 20dB below line.
2. Test combination is EN-DC B25 + N78 (Antenna 2+0)

**EN-DC 7A-n78A**

EN-DC 7A-n78A / 20MHz / QPSK									
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	5002	-54.97	-25	-29.97	-76.97	-60.18	7.49	12.70	H
	7503	-47.97	-25	-22.97	-77.94	-50.42	8.76	11.21	H
	10004	-44.25	-25	-19.25	-78.43	-45.34	10.01	11.11	H
									H
									H
									H
									H
	5002	-54.76	-25	-29.76	-76.8	-59.97	7.49	12.70	V
	7503	-48.34	-25	-23.34	-78.26	-50.79	8.76	11.21	V
	10004	-45.03	-25	-20.03	-78.28	-46.12	10.01	11.11	V
									V
									V
									V
									V
Middle	5052	-54.56	-25	-29.56	-76.73	-59.64	7.51	12.59	H
	7578	-48.04	-25	-23.04	-77.51	-50.76	8.80	11.51	H
	10104	-43.90	-25	-18.90	-78.6	-45.1	10.10	11.30	H
									H
									H
									H
									H
	5052	-54.36	-25	-29.36	-76.57	-59.44	7.51	12.59	V
	7578	-47.69	-25	-22.69	-77.71	-50.41	8.80	11.51	V
	10104	-44.58	-25	-19.58	-77.95	-45.78	10.10	11.30	V
									V
									V
									V
									V



Highest	5102	-54.85	-25	-29.85	-77.2	-59.72	7.53	12.40	H
	7653	-48.29	-25	-23.29	-77.67	-51.16	8.83	11.70	H
	10204	-43.72	-25	-18.72	-77.85	-44.83	10.18	11.29	H
									H
									H
									H
									H
	5102	-54.79	-25	-29.79	-77.16	-59.66	7.53	12.40	V
	7653	-48.06	-25	-23.06	-77.95	-50.93	8.83	11.70	V
	10204	-43.75	-25	-18.75	-77.22	-44.86	10.18	11.29	V
									V
									V
									V
									V

Remark:

1. Spurious emissions within 30-1000MHz were found more than 20dB below line.
2. Test combination is EN-DC B7 + N78 (Antenna 2+0)

**EN-DC 38A-n78A**

EN-DC 38A-n78A / 20MHz / QPSK									
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	5142	-55.60	-25	-30.60	-78.13	-60.53	7.55	12.48	H
	7713	-48.19	-25	-23.19	-77.79	-51.06	8.86	11.73	H
	10284	-44.14	-25	-19.14	-78.18	-45.03	10.24	11.13	H
									H
									H
									H
									H
	5142	-55.50	-25	-30.50	-78.04	-60.43	7.55	12.48	V
	7713	-48.19	-25	-23.19	-78.04	-51.06	8.86	11.73	V
	10284	-44.78	-25	-19.78	-78.26	-45.67	10.24	11.13	V
									V
									V
									V
									V
Middle	5172	-55.36	-25	-30.36	-78	-60.47	7.56	12.68	H
	7758	-48.15	-25	-23.15	-77.79	-51.09	8.88	11.82	H
	10344	-43.66	-25	-18.66	-77.68	-44.34	10.29	10.97	H
									H
									H
									H
									H
	5172	-55.30	-25	-30.30	-77.93	-60.41	7.56	12.68	V
	7758	-48.22	-25	-23.22	-77.94	-51.16	8.88	11.82	V
	10344	-44.27	-25	-19.27	-77.83	-44.95	10.29	10.97	V
									V
									V
									V
									V



Highest	5202	-55.13	-25	-30.13	-77.88	-60.47	7.57	12.91	H
	7803	-48.09	-25	-23.09	-77.76	-51.08	8.90	11.89	H
	10404	-43.84	-25	-18.84	-77.86	-44.3	10.34	10.80	H
									H
									H
									H
									H
	5202	-55.58	-25	-30.58	-78.31	-60.92	7.57	12.91	V
	7803	-48.53	-25	-23.53	-78.1	-51.52	8.90	11.89	V
	10404	-44.40	-25	-19.40	-78.03	-44.86	10.34	10.80	V
									V
									V
									V
									V

Remark:

1. Spurious emissions within 30-1000MHz were found more than 20dB below line.
2. Test combination is EN-DC B38 + N78 (Antenna 2+0)

**EN-DC 41A-n78A**

EN-DC 41A-n78A / 20MHz / QPSK									
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	4994	-53.91	-25	-28.91	-75.91	-59.14	7.48	12.71	H
	7491	-46.18	-25	-21.18	-76.21	-48.62	8.76	11.20	H
	9988	-43.34	-25	-18.34	-77.47	-44.41	10.01	11.08	H
									H
									H
									H
									H
	4994	-51.87	-25	-26.87	-73.93	-57.1	7.48	12.71	V
	7491	-47.06	-25	-22.06	-77.02	-49.5	8.76	11.20	V
	9988	-44.07	-25	-19.07	-77.29	-45.14	10.01	11.08	V
									V
									V
									V
									V
Middle	5168	-53.86	-25	-28.86	-76.45	-58.94	7.56	12.64	H
	7752	-46.83	-25	-21.83	-76.33	-49.76	8.88	11.80	H
	10336	-42.97	-25	-17.97	-77.07	-43.68	10.29	10.99	H
									H
									H
									H
									H
	5168	-54.01	-25	-29.01	-76.6	-59.09	7.56	12.64	V
	7752	-46.90	-25	-21.90	-76.5	-49.83	8.88	11.80	V
	10336	-43.57	-25	-18.57	-77.19	-44.28	10.29	10.99	V
									V
									V
									V
									V



Highest	5342	-54.21	-25	-29.21	-77.81	-60.14	7.63	13.57	H
	8013	-46.41	-25	-21.41	-76.37	-48.69	9.00	11.27	H
	10684	-42.96	-25	-17.96	-77.03	-43.39	10.49	10.92	H
									H
									H
									H
									H
	5342	-51.94	-25	-26.94	-75.44	-57.87	7.63	13.57	V
	8013	-46.56	-25	-21.56	-76.54	-48.84	9.00	11.27	V
	10684	-42.76	-25	-17.76	-76.68	-43.19	10.49	10.92	V
									V
									V
									V
									V

Remark:

1. Spurious emissions within 30-1000MHz were found more than 20dB below line.
2. Test combination is EN-DC B41 + N78 (Antenna 2+0)

**EN-DC 66A-n78A**

EN-DC 66A-n78A / 20MHz / QPSK									
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	3422	-57.03	-13	-44.03	-74.83	-63.86	5.67	12.50	H
	5133	-54.11	-13	-41.11	-76.58	-59.03	7.55	12.47	H
	6844	-48.82	-13	-35.82	-77.36	-52.59	8.44	12.21	H
									H
									H
									H
									H
	3422	-56.70	-13	-43.70	-74.98	-63.53	5.67	12.50	V
	5133	-53.94	-13	-40.94	-76.42	-58.86	7.55	12.47	V
	6844	-49.13	-13	-36.13	-77.62	-52.90	8.44	12.21	V
									V
									V
									V
									V
Middle	3472	-57.05	-13	-44.05	-75.26	-63.79	5.71	12.46	H
	5208	-53.65	-13	-40.65	-76.48	-59.02	7.58	12.95	H
	6944	-49.17	-13	-36.17	-77.22	-52.57	8.51	11.91	H
									H
									H
									H
									H
	3472	-56.75	-13	-43.75	-75.35	-63.49	5.71	12.46	V
	5208	-54.19	-13	-41.19	-76.93	-59.56	7.58	12.95	V
	6944	-48.65	-13	-35.65	-77.48	-52.05	8.51	11.91	V
									V
									V
									V
									V



Highest	3522	-56.66	-13	-43.66	-75.11	-63.17	5.76	12.27	H
	5283	-54.33	-13	-41.33	-77.56	-60.05	7.61	13.33	H
	7044	-48.36	-13	-35.36	-76.56	-51.43	8.57	11.64	H
									H
									H
									H
									H
	3522	-56.34	-13	-43.34	-75.03	-62.85	5.76	12.27	V
	5283	-54.24	-13	-41.24	-77.41	-59.96	7.61	13.33	V
	7044	-47.51	-13	-34.51	-76.68	-50.58	8.57	11.64	V
									V
									V
									V
									V

Remark:

1. Spurious emissions within 30-1000MHz were found more than 20dB below line.
2. Test combination is EN-DC B66 + N78 (Antenna 2+0)