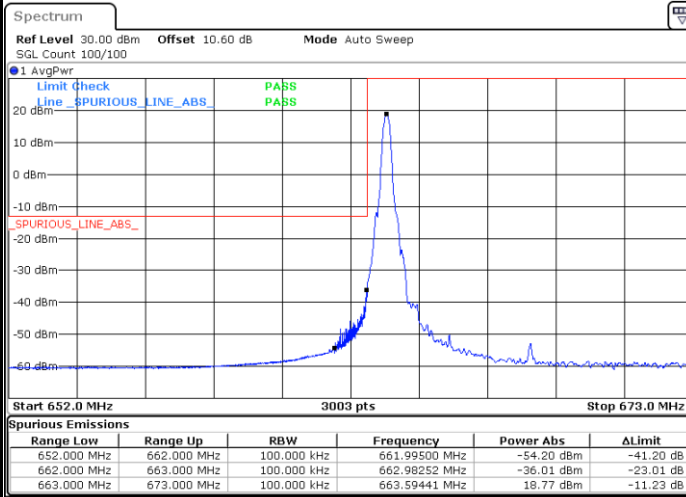


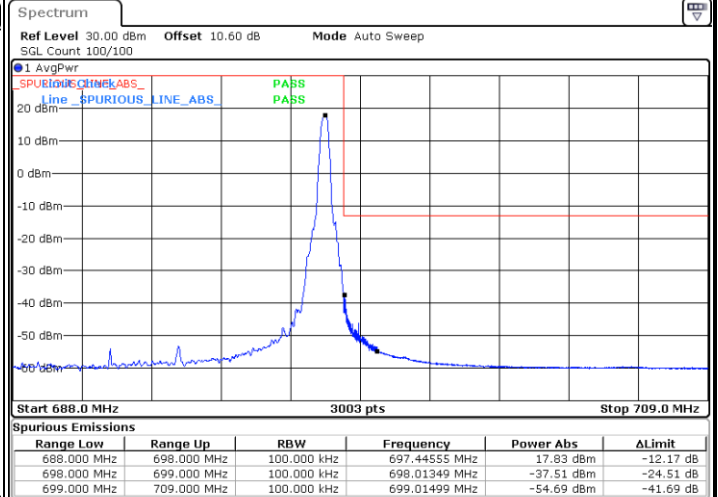


LTE Band 71 / 10MHz / 64QAM

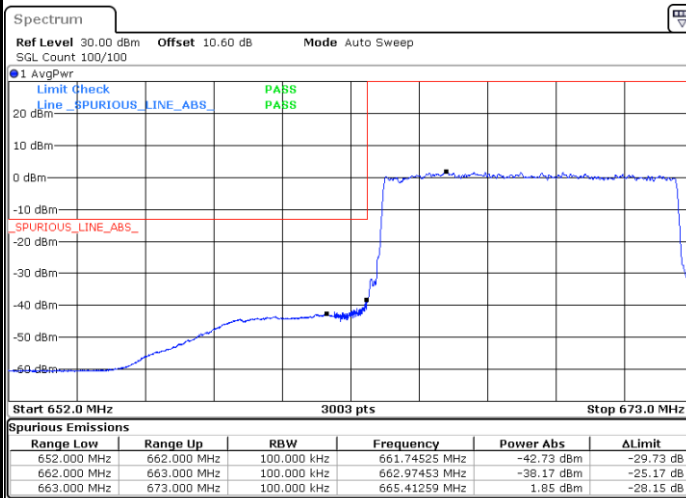
Lowest Band Edge / 1 RB



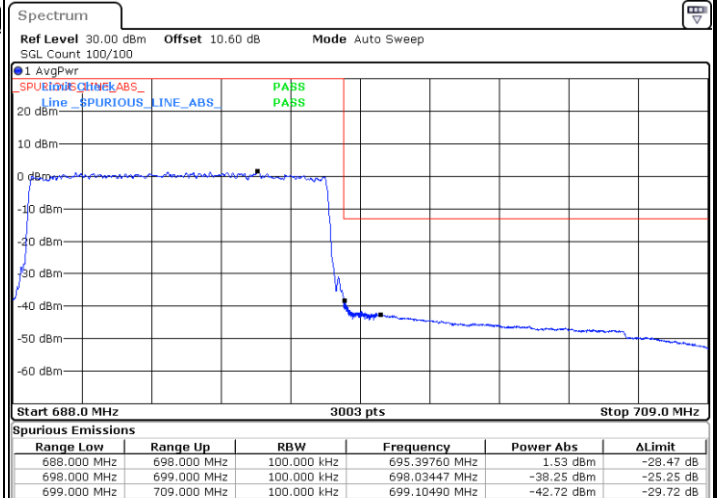
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



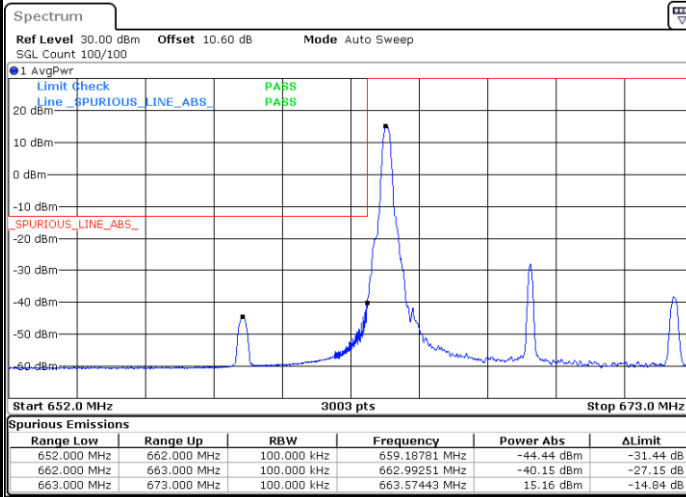
Highest Band Edge / Full RB



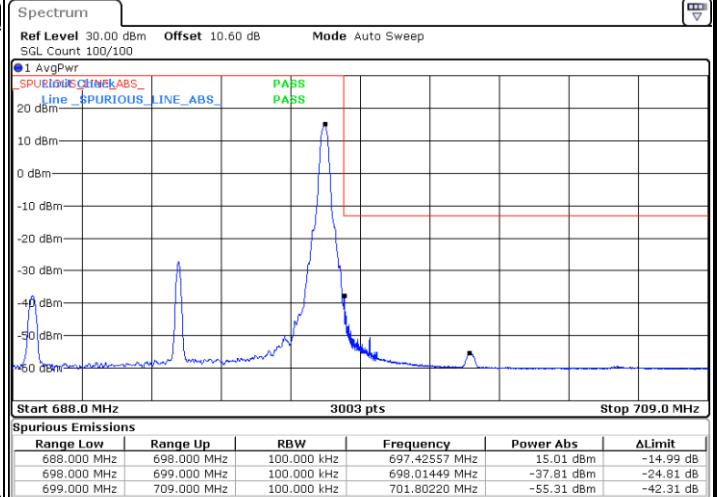


LTE Band 71 / 10MHz / 256QAM

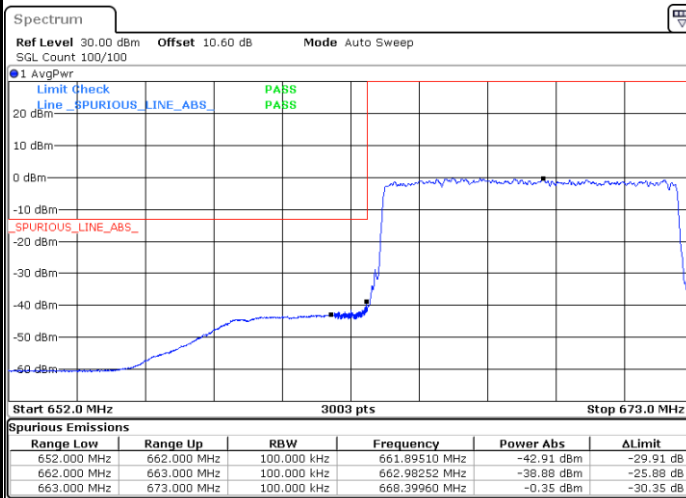
Lowest Band Edge / 1 RB



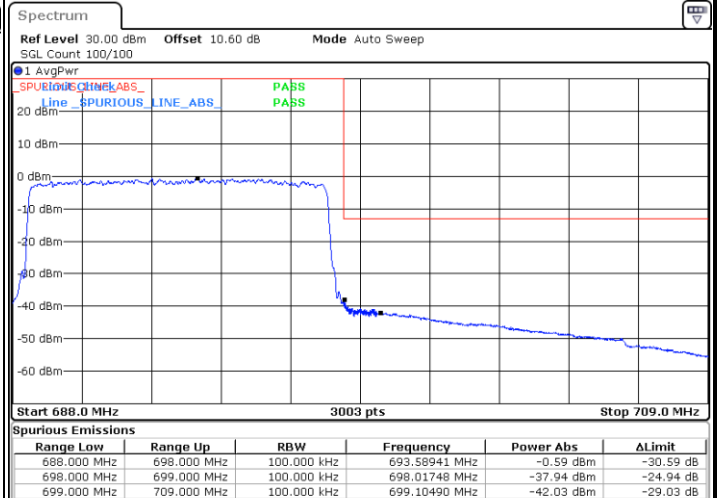
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



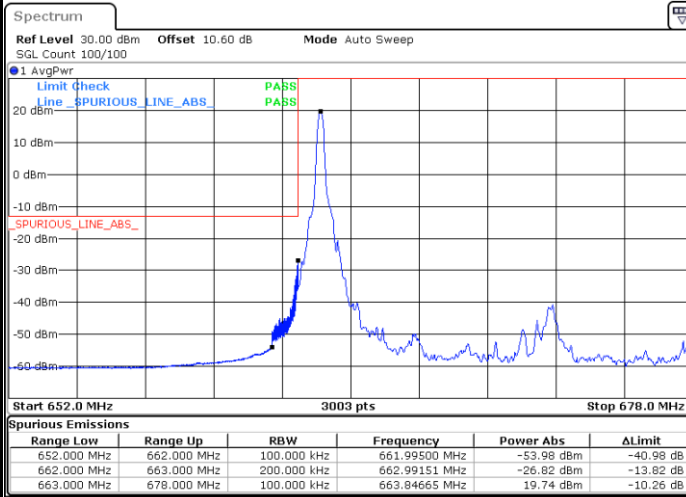
Highest Band Edge / Full RB



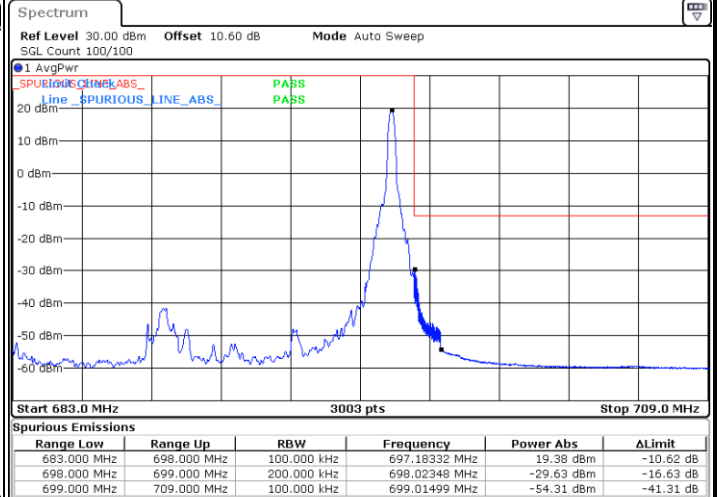


LTE Band 71 / 15MHz / QPSK

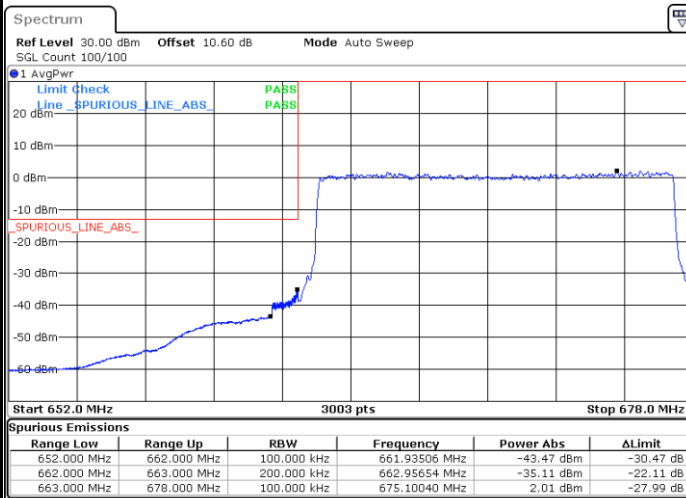
Lowest Band Edge / 1 RB



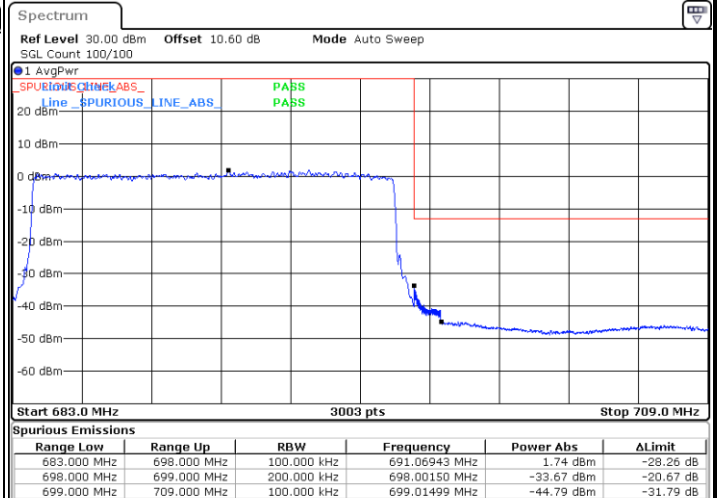
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



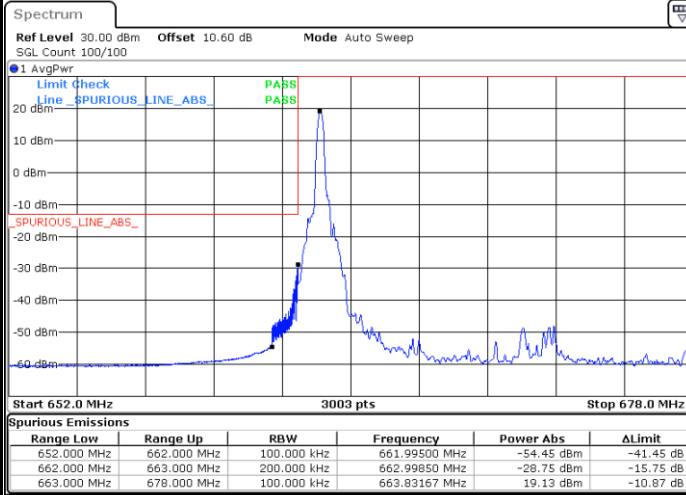
Highest Band Edge / Full RB



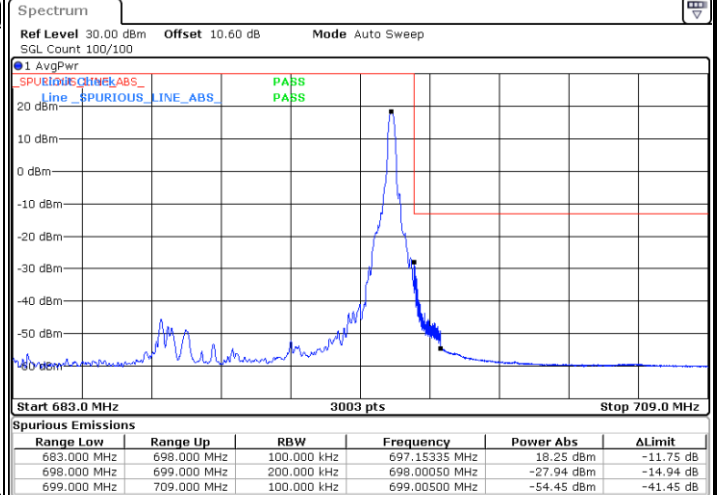


LTE Band 71 / 15MHz / 16QAM

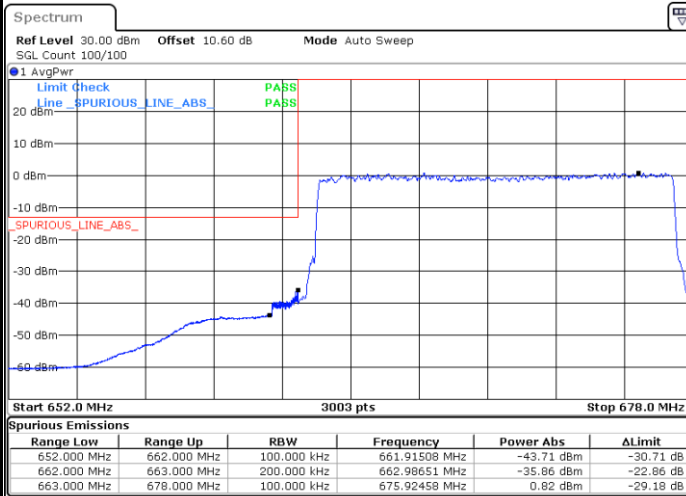
Lowest Band Edge / 1 RB



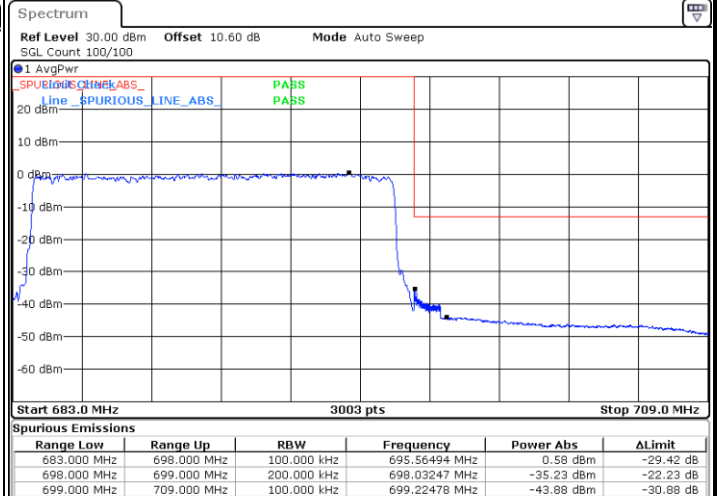
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



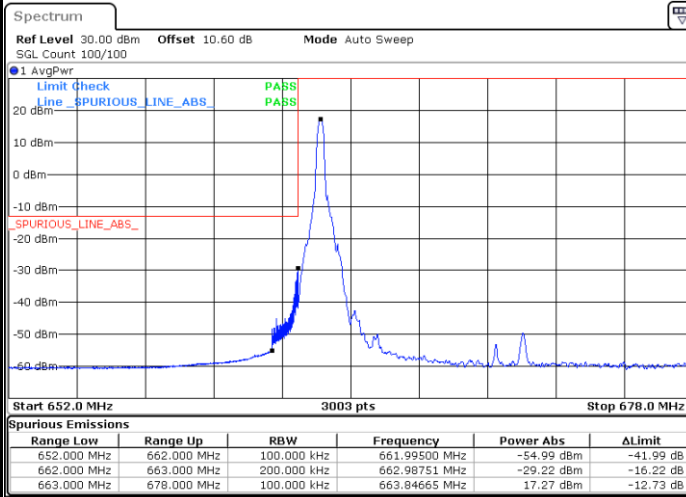
Highest Band Edge / Full RB



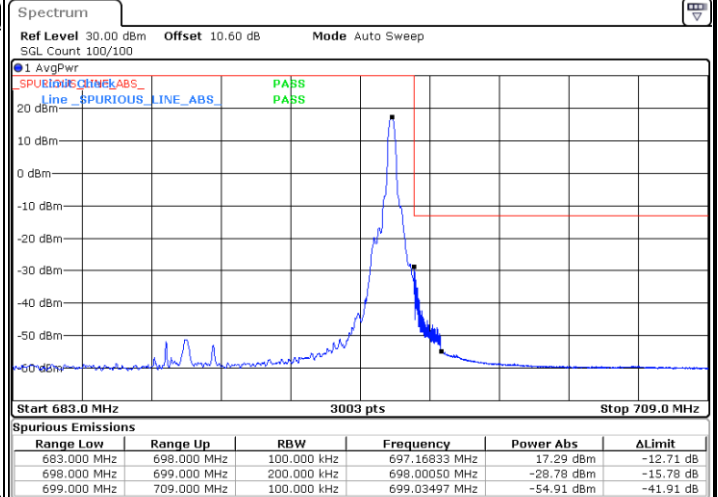


LTE Band 71 / 15MHz / 64QAM

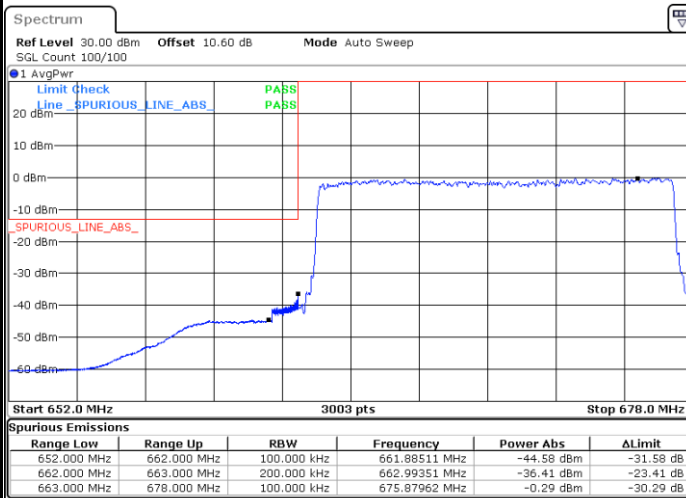
Lowest Band Edge / 1 RB



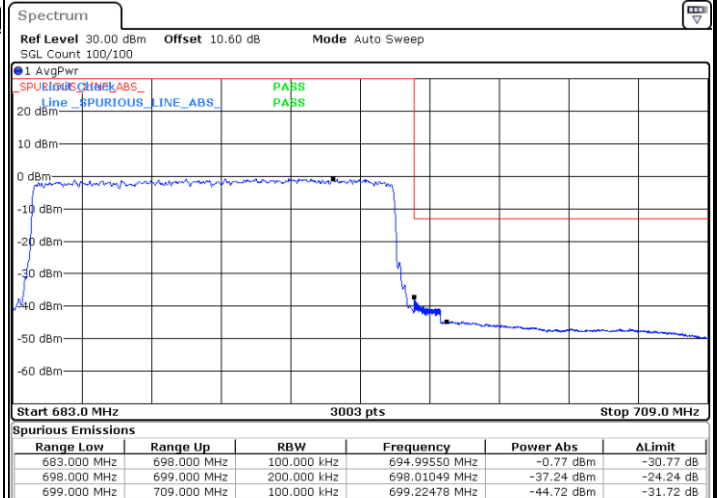
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



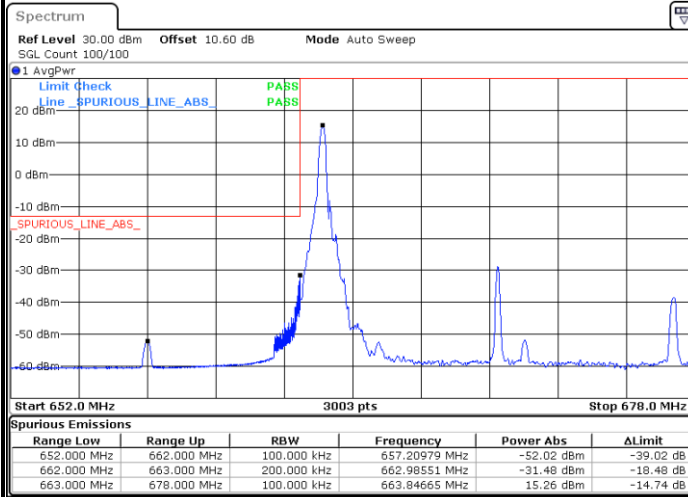
Highest Band Edge / Full RB



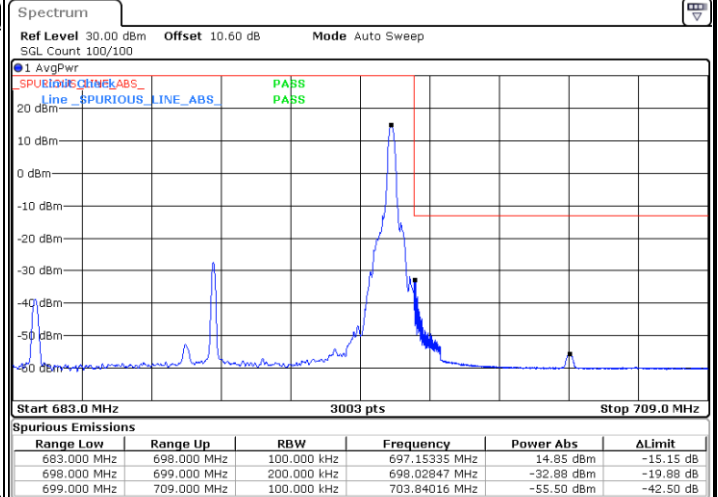


LTE Band 71 / 15MHz / 256QAM

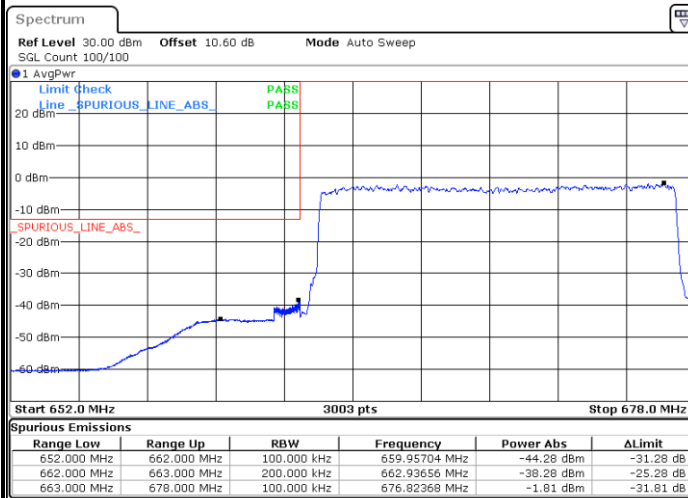
Lowest Band Edge / 1 RB



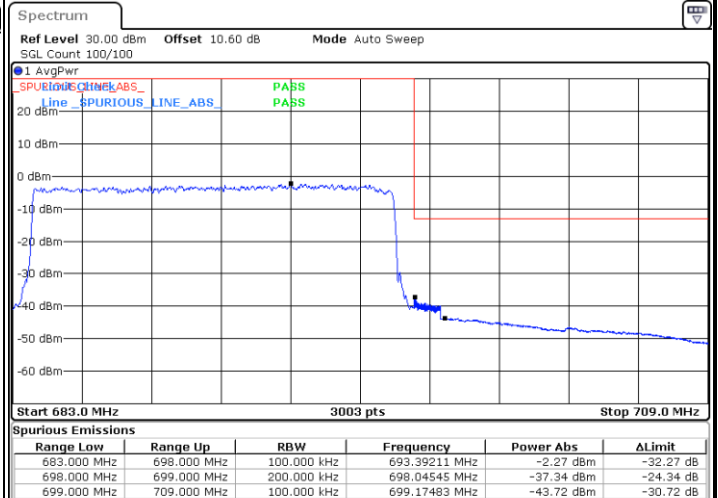
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



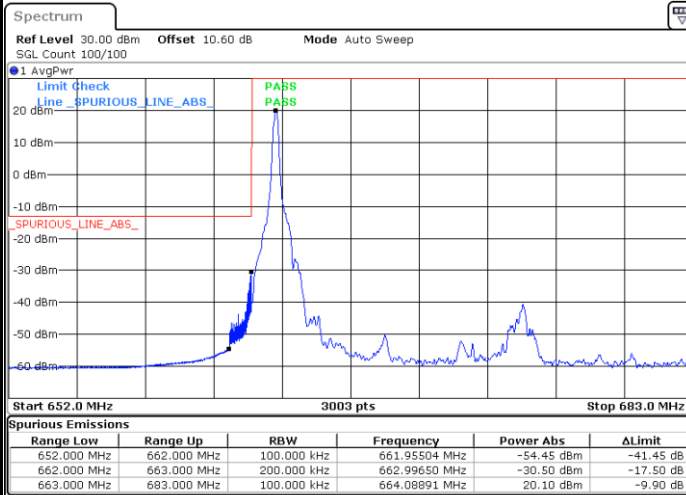
Highest Band Edge / Full RB



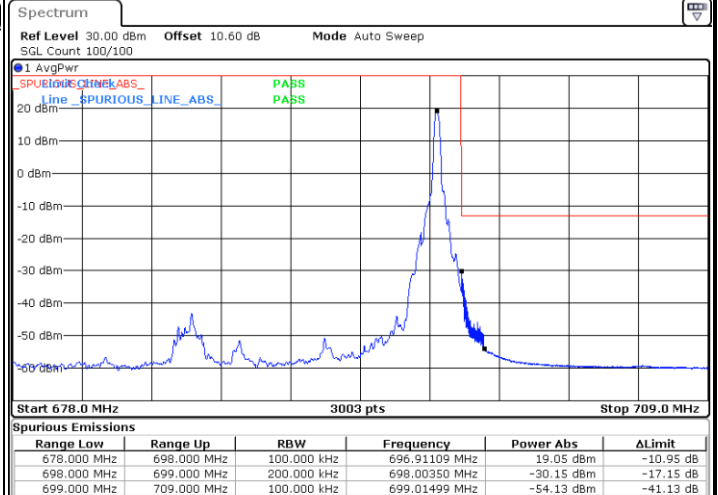


LTE Band 71 / 20MHz / QPSK

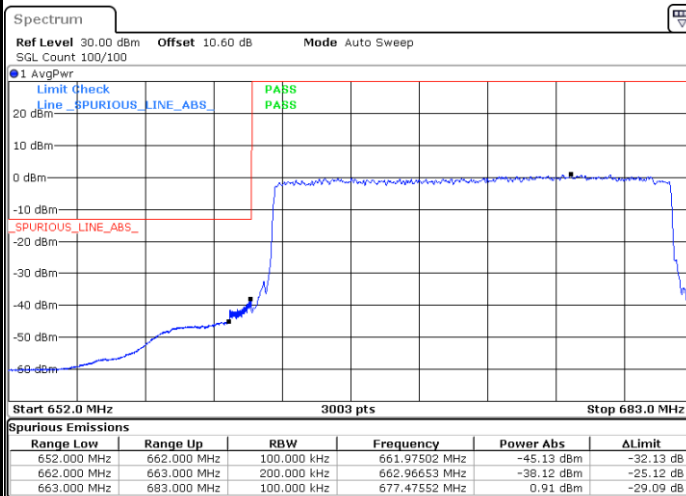
Lowest Band Edge / 1 RB



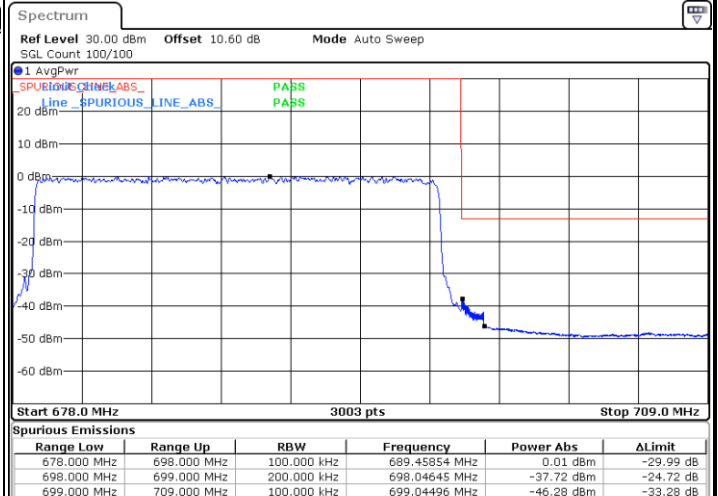
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



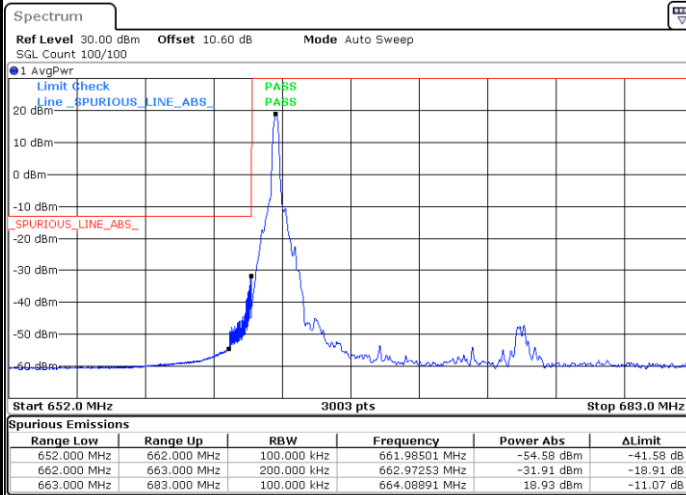
Highest Band Edge / Full RB



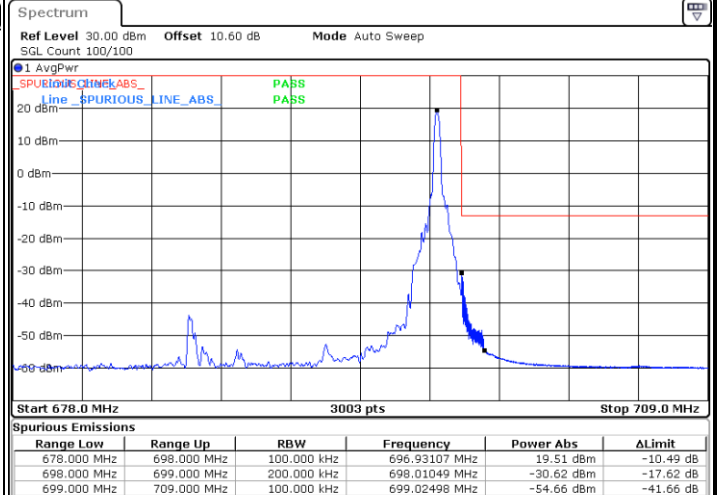


LTE Band 71 / 20MHz / 16QAM

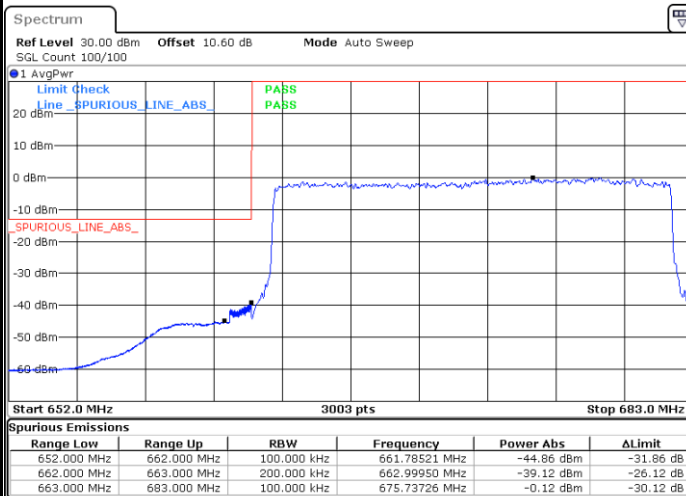
Lowest Band Edge / 1 RB



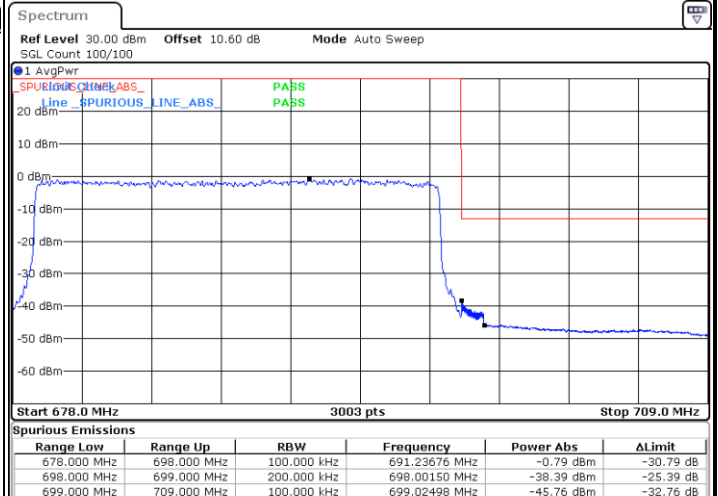
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



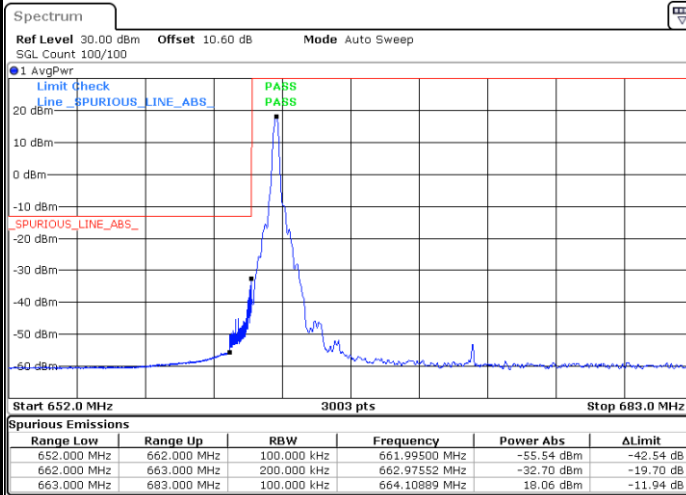
Highest Band Edge / Full RB



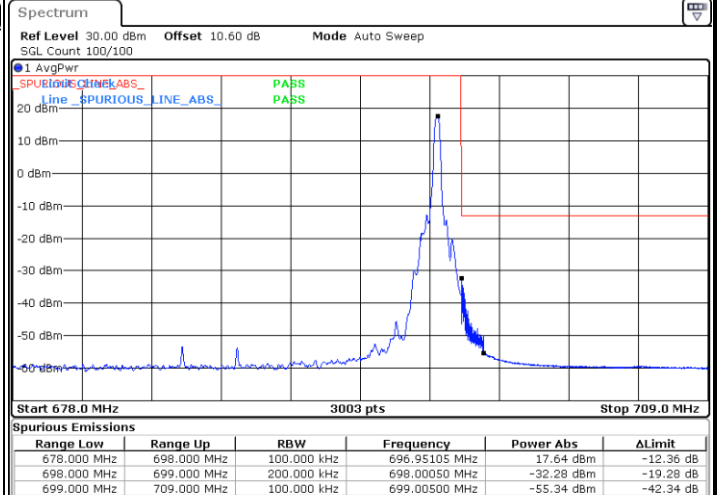


LTE Band 71 / 20MHz / 64QAM

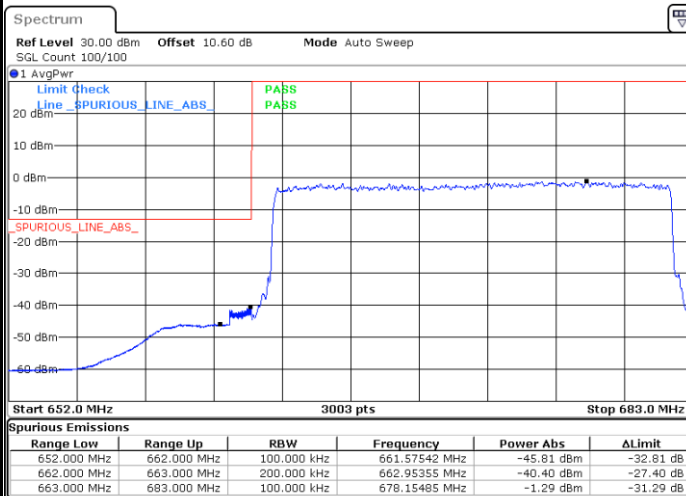
Lowest Band Edge / 1 RB



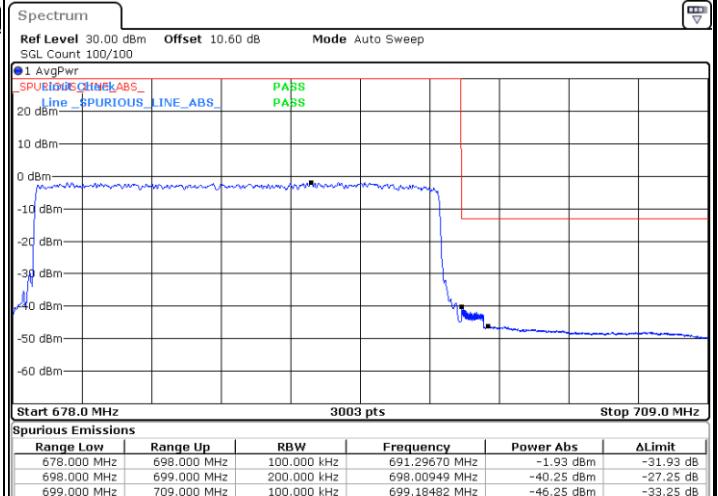
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



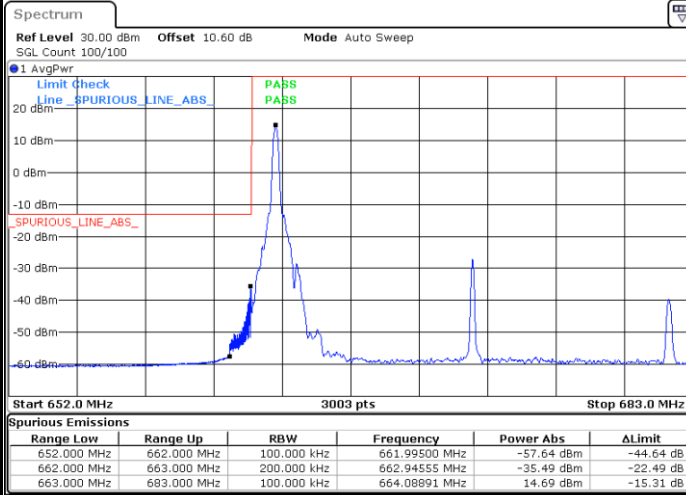
Highest Band Edge / Full RB



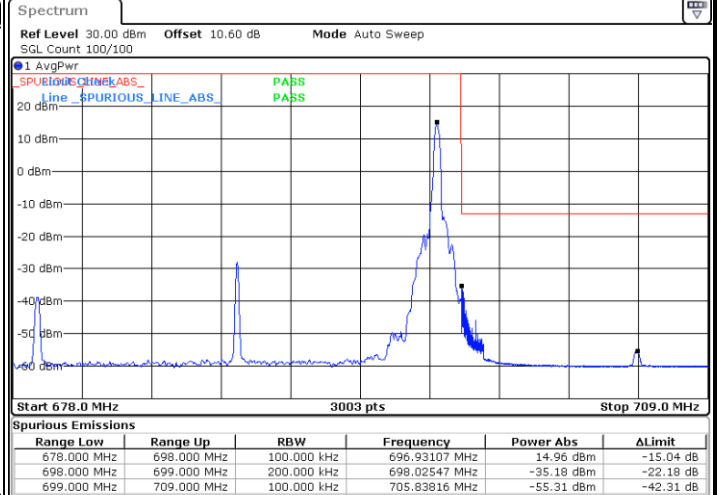


LTE Band 71 / 20MHz / 256QAM

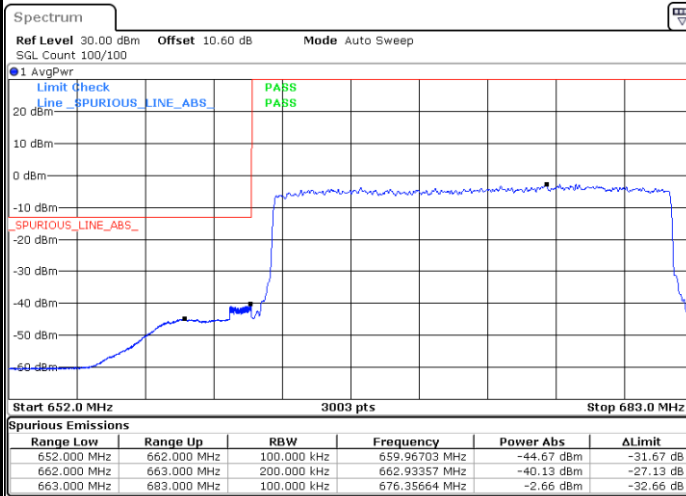
Lowest Band Edge / 1 RB



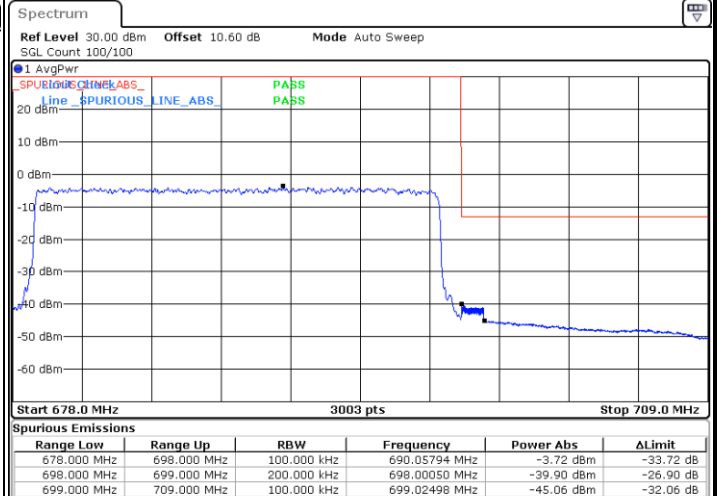
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

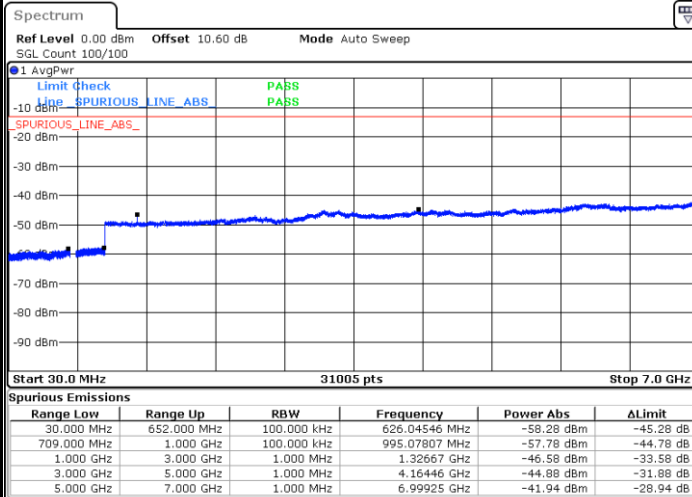




Conducted Spurious Emission

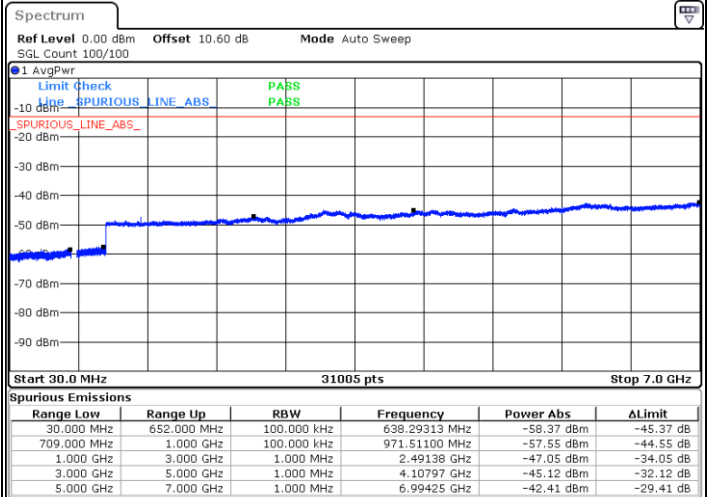
LTE Band 71 / 5MHz

Lowest Channel / QPSK



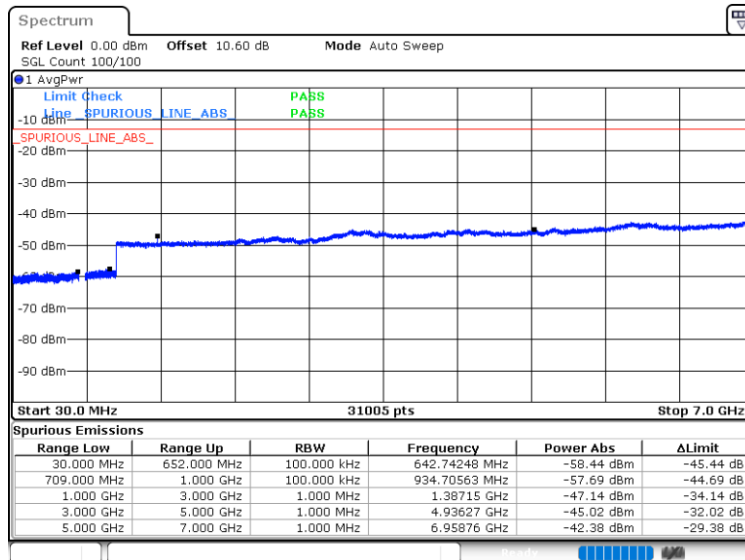
Date: 7.MAY.2022 04:32:07

Middle Channel / QPSK



Date: 7.MAY.2022 04:35:04

Highest Channel / QPSK

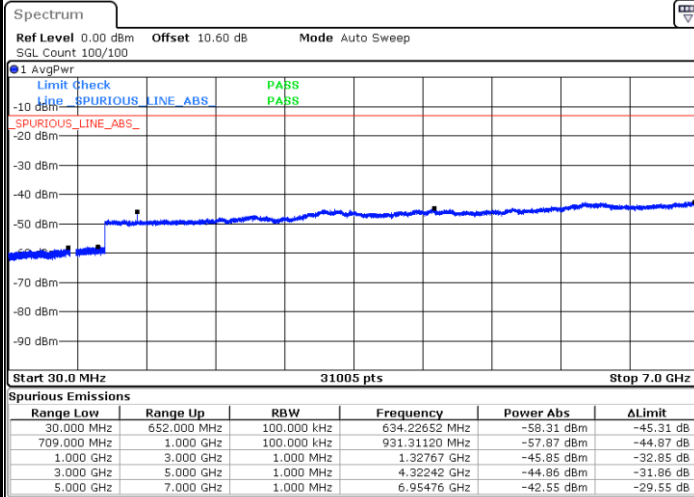


Date: 7.MAY.2022 04:40:39



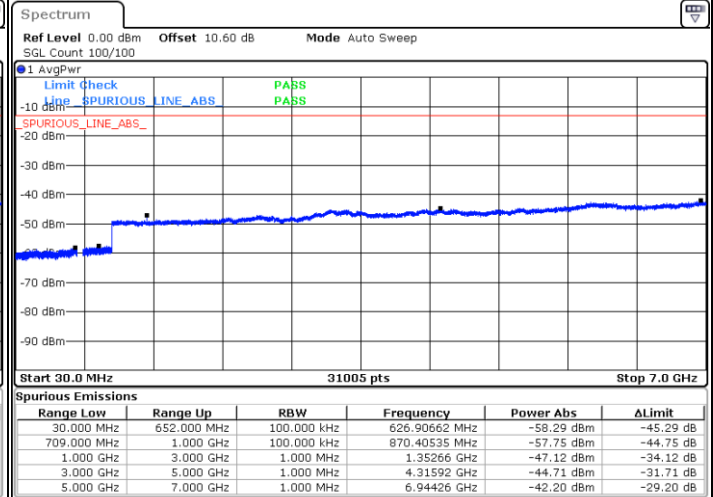
LTE Band 71 / 10MHz

Lowest Channel / QPSK



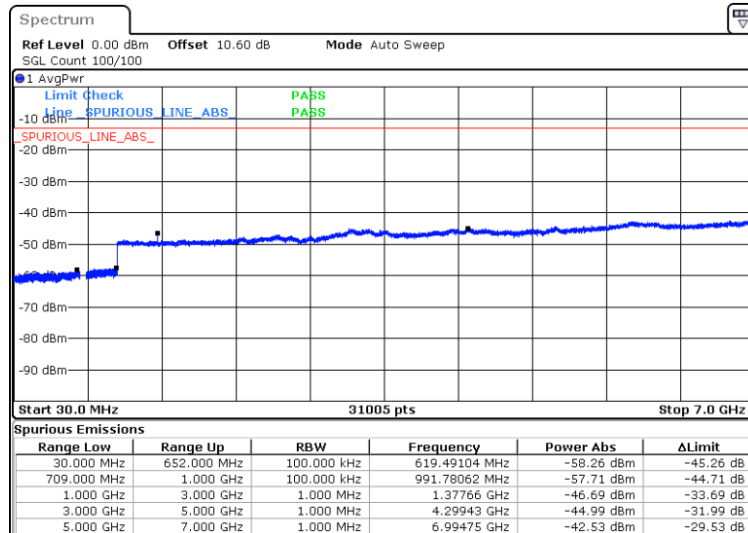
Date: 7.MAY.2022 04:51:59

Middle Channel / QPSK



Date: 7.MAY.2022 04:54:56

Highest Channel / QPSK

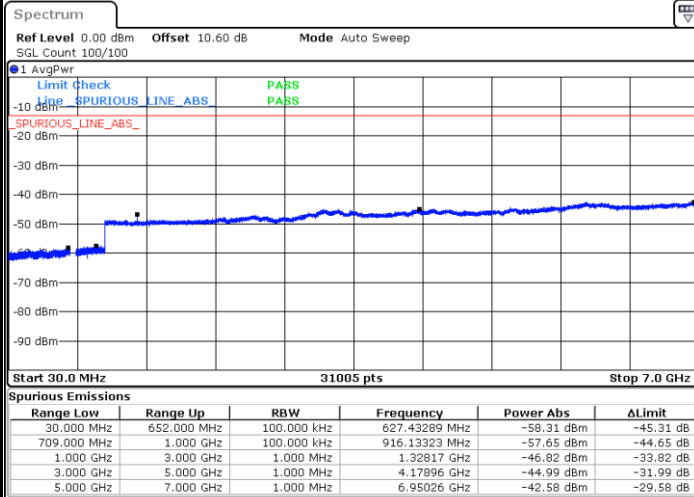


Date: 7.MAY.2022 05:00:32



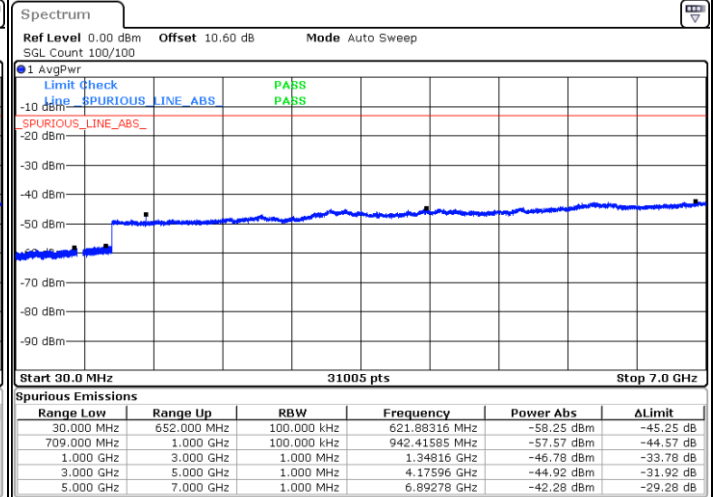
LTE Band 71 / 15MHz

Lowest Channel / QPSK



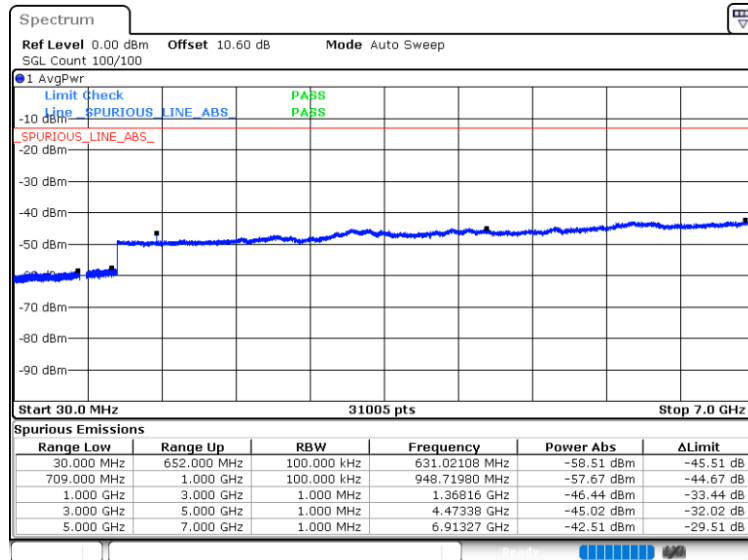
Date: 7.MAY.2022 05:11:51

Middle Channel / QPSK



Date: 7.MAY.2022 05:14:48

Highest Channel / QPSK

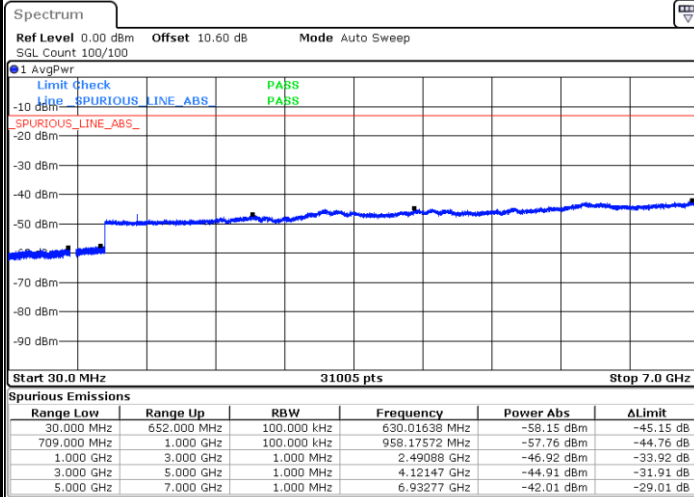


Date: 7.MAY.2022 05:20:24



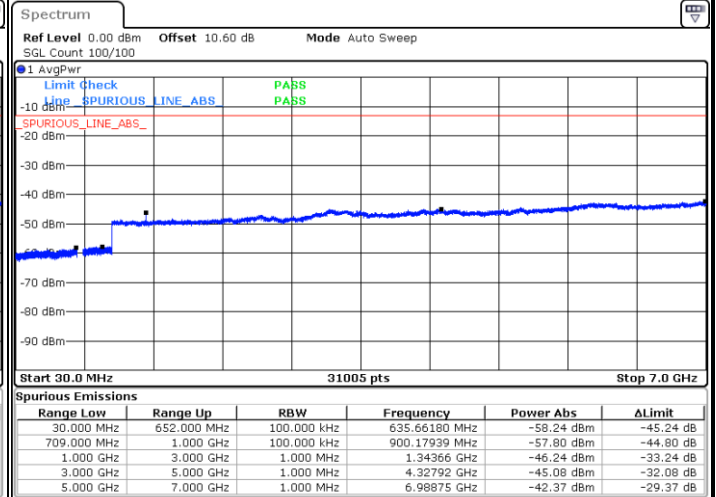
LTE Band 71 / 20MHz

Lowest Channel / QPSK



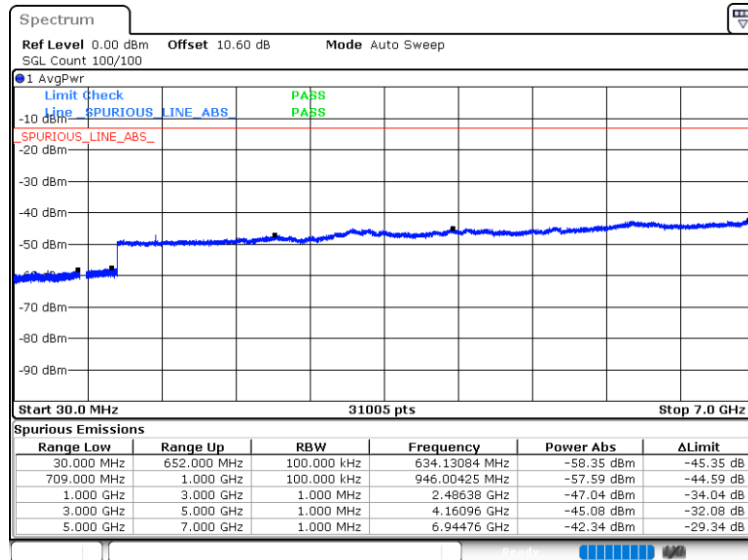
Date: 7.MAY.2022 05:31:44

Middle Channel / QPSK



Date: 7.MAY.2022 05:34:41

Highest Channel / QPSK



Date: 7.MAY.2022 05:40:17

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	0.0081	PASS
40	Normal Voltage	0.0035	
30	Normal Voltage	0.0148	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0160	
0	Normal Voltage	0.0076	
-10	Normal Voltage	0.0109	
-20	Normal Voltage	0.0007	
20	Maximum Voltage	0.0120	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0057	

Note:

1. Normal Voltage = 4.05 V. ; Battery End Point (BEP) = 3.85 V. ; Maximum Voltage = 4.35 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

<Ant. 4>

LTE Band 26

LTE Band 26 / 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	1648	-57.13	-13	-44.13	-68.76	-63.54	0.81	9.37	H
	2473	-51.28	-13	-38.28	-65.95	-58.41	1.08	10.37	H
	3296	-53.72	-13	-40.72	-71.4	-62.49	1.11	12.03	H
									H
									H
									H
	1648	-57.70	-13	-44.70	-69.25	-64.11	0.81	9.37	V
	2473	-52.03	-13	-39.03	-66.75	-59.16	1.08	10.37	V
	3296	-53.42	-13	-40.42	-71.39	-62.19	1.11	12.03	V
									V
									V
									V
Middle	1664	-56.51	-13	-43.51	-68.16	-62.97	0.81	9.42	H
	2496	-50.20	-13	-37.20	-64.87	-57.42	1.11	10.48	H
	3328	-52.00	-13	-39.00	-69.69	-60.95	1.10	12.20	H
									H
									H
									H
	1664	-55.94	-13	-42.94	-67.53	-62.40	0.81	9.42	V
	2496	-50.66	-13	-37.66	-65.38	-57.88	1.11	10.48	V
	3328	-47.65	-13	-34.65	-65.65	-56.60	1.10	12.20	V
									V
									V
									V



Highest	1680	-56.50	-13	-43.50	-68.16	-63.02	0.81	9.48	H
	2518	-48.28	-13	-35.28	-63.12	-55.62	1.10	10.59	H
	3360	-53.57	-13	-40.57	-71.28	-62.70	1.10	12.38	H
									H
									H
									H
									H
	1680	-57.22	-13	-44.22	-68.85	-63.74	0.81	9.48	V
	2518	-48.71	-13	-35.71	-63.6	-56.05	1.10	10.59	V
	3360	-52.94	-13	-39.94	-70.97	-62.07	1.10	12.38	V
									V
									V
									V
									V

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



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	1648	-57.58	-13	-44.58	-69.21	-63.99	0.81	9.37	H
	2474	-51.06	-13	-38.06	-65.74	-58.20	1.08	10.37	H
	3296	-53.62	-13	-40.62	-71.29	-62.39	1.11	12.03	H
									H
									H
									H
									H
	1648	-57.57	-13	-44.57	-69.12	-63.98	0.81	9.37	V
	2474	-51.25	-13	-38.25	-65.97	-58.39	1.08	10.37	V
	3296	-53.32	-13	-40.32	-71.29	-62.09	1.11	12.03	V
									V
									V
									V
									V
Middle	1656	-56.35	-13	-43.35	-67.98	-62.79	0.81	9.40	H
	2488	-51.49	-13	-38.49	-66.17	-58.68	1.10	10.44	H
	3328	-44.20	-13	-31.20	-61.89	-53.15	1.10	12.20	H
									H
									H
									H
									H
	1656	-56.20	-13	-43.20	-67.76	-62.64	0.81	9.40	V
	2488	-51.47	-13	-38.47	-66.2	-58.66	1.10	10.44	V
	3328	-41.81	-13	-28.81	-59.81	-50.76	1.10	12.20	V
									V
									V
									V
									V



Highest	1672	-57.48	-13	-44.48	-69.14	-63.97	0.81	9.45	H
	2504	-48.49	-13	-35.49	-63.2	-55.75	1.11	10.52	H
	3336	-53.67	-13	-40.67	-71.37	-62.66	1.10	12.25	H
									H
									H
									H
									H
	1672	-57.10	-13	-44.10	-68.72	-63.59	0.81	9.45	V
	2504	-48.48	-13	-35.48	-63.24	-55.74	1.11	10.52	V
	3336	-46.55	-13	-33.55	-64.56	-55.54	1.10	12.25	V
									V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit 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	1664	-57.05	-13	-44.05	-68.7	-63.51	0.81	9.42	H
	2500	-46.00	-13	-33.00	-60.67	-53.24	1.11	10.50	H
	3336	-43.07	-13	-30.07	-60.77	-52.06	1.10	12.25	H
									H
									H
									H
									H
	1664	-57.25	-13	-44.25	-68.84	-63.71	0.81	9.42	V
	2500	-46.05	-13	-33.05	-60.77	-53.29	1.11	10.50	V
	3336	-49.35	-13	-36.35	-67.36	-58.34	1.10	12.25	V
									V
									V
									V
									V
Middle	1672	-56.44	-13	-43.44	-68.1	-62.93	0.81	9.45	H
	2510	-47.66	-13	-34.66	-62.43	-54.96	1.11	10.55	H
	3344	-49.44	-13	-36.44	-67.15	-58.48	1.10	12.29	H
									H
									H
									H
									H
	1672	-57.86	-13	-44.86	-69.48	-64.35	0.81	9.45	V
	2504	-45.63	-13	-32.63	-60.44	-52.89	1.11	10.52	V
	3344	-52.82	-13	-39.82	-70.84	-61.86	1.10	12.29	V
									V
									V
									V
									V



Highest	1680	-57.72	-13	-44.72	-69.38	-64.24	0.81	9.48	H
	2520	-46.11	-13	-33.11	-60.95	-53.46	1.10	10.60	H
	3352	-53.62	-13	-40.62	-71.32	-62.70	1.10	12.34	H
									H
									H
									H
									H
	1680	-58.37	-13	-45.37	-70	-64.89	0.81	9.48	V
	2520	-44.19	-13	-31.19	-59.09	-51.54	1.10	10.60	V
	3352	-53.27	-13	-40.27	-71.29	-62.35	1.10	12.34	V
									V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit 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	-51.49	-13	-38.49	-70.95	-62.36	1.23	12.10	H
	5553	-47.09	-13	-34.09	-71.28	-58.67	1.58	13.15	H
	7404	-41.68	-13	-28.68	-72.06	-51.13	1.94	11.39	H
									H
									H
									H
									H
	3702	-51.12	-13	-38.12	-70.84	-61.99	1.23	12.10	V
	5553	-44.96	-13	-31.96	-71.85	-56.54	1.58	13.15	V
	7404	-41.42	-13	-28.42	-71.9	-50.87	1.94	11.39	V
									V
									V
									V
									V
Middle	3744	-51.22	-13	-38.22	-70.67	-62.18	1.18	12.14	H
	5616	-47.57	-13	-34.57	-71.73	-59.28	1.50	13.22	H
	7482	-42.23	-13	-29.23	-72.39	-51.54	1.92	11.24	H
									H
									H
									H
									H
	3744	-51.06	-13	-38.06	-70.79	-62.02	1.18	12.14	V
	5616	-44.80	-13	-31.80	-71.79	-56.51	1.50	13.22	V
	7482	-42.01	-13	-29.01	-72.29	-51.32	1.92	11.24	V
									V
									V
									V
									V



Highest	3792	-51.21	-13	-38.21	-70.63	-62.27	1.13	12.19	H
	5688	-47.19	-13	-34.19	-71.43	-59.05	1.43	13.29	H
	7584	-42.25	-13	-29.25	-72.3	-51.90	1.89	11.54	H
									H
									H
									H
									H
	3792	-51.06	-13	-38.06	-70.8	-62.12	1.13	12.19	V
	5688	-45.01	-13	-32.01	-71.82	-56.87	1.43	13.29	V
	7584	-42.14	-13	-29.14	-72.36	-51.79	1.89	11.54	V
									V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit 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	3420	-51.63	-13	-38.63	-70.4	-63.06	1.13	12.56	H
	5135	-48.26	-13	-35.26	-71.15	-59.62	1.30	12.67	H
	6844	-44.04	-13	-31.04	-72.38	-54.62	1.85	12.42	H
									H
									H
									H
									H
	3420	-52.17	-13	-39.17	-71.1	-63.60	1.13	12.56	V
	5135	-47.80	-13	-34.80	-71.51	-59.16	1.30	12.67	V
	6844	-43.28	-13	-30.28	-72.37	-53.86	1.85	12.42	V
									V
									V
									V
									V
Middle	3469	-51.66	-13	-38.66	-71.12	-62.90	1.22	12.46	H
	5208	-47.95	-13	-34.95	-71.04	-59.38	1.30	12.72	H
	6941	-43.43	-13	-30.43	-71.93	-53.62	1.84	12.04	H
									H
									H
									H
									H
	3469	-51.93	-13	-38.93	-71.15	-63.17	1.22	12.46	V
	5208	-46.54	-13	-33.54	-70.62	-57.97	1.30	12.72	V
	6941	-43.44	-13	-30.44	-72.25	-53.63	1.84	12.04	V
									V
									V
									V
									V



Highest	3525	-51.67	-13	-38.67	-71.49	-62.68	1.29	12.30	H
	5282	-47.05	-13	-34.05	-70.72	-58.55	1.45	12.95	H
	7044	-43.09	-13	-30.09	-71.89	-52.94	1.84	11.69	H
									H
									H
									H
									H
	3525	-51.71	-13	-38.71	-71.2	-62.72	1.29	12.30	V
	5282	-44.69	-13	-31.69	-69.63	-56.19	1.45	12.95	V
	7044	-42.73	-13	-29.73	-71.68	-52.58	1.84	11.69	V
									V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit 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	3441	-51.92	-13	-38.92	-70.99	-63.27	1.17	12.52	H
	5158	-48.38	-13	-35.38	-71.31	-59.76	1.29	12.68	H
	6878	-43.52	-13	-30.52	-71.9	-53.96	1.85	12.29	H
									H
									H
									H
									H
	3441	-51.74	-13	-38.74	-70.8	-63.09	1.17	12.52	V
	5158	-47.43	-13	-34.43	-71.26	-58.81	1.29	12.68	V
	6878	-43.30	-13	-30.30	-72.29	-53.74	1.85	12.29	V
									V
									V
									V
									V
Middle	3511	-51.32	-13	-38.32	-71.19	-62.40	1.28	12.36	H
	5261	-48.13	-13	-35.13	-71.63	-59.61	1.41	12.88	H
	7018	-43.17	-13	-30.17	-71.85	-53.09	1.84	11.76	H
									H
									H
									H
									H
	3511	-52.06	-13	-39.06	-71.51	-63.14	1.28	12.36	V
	5261	-47.01	-13	-34.01	-71.72	-58.49	1.41	12.88	V
	7018	-42.82	-13	-29.82	-71.61	-52.74	1.84	11.76	V
									V
									V
									V
									V



Highest	3539	-51.41	-13	-38.41	-71.16	-62.36	1.30	12.24	H
	5308	-45.34	-13	-32.34	-69.22	-56.86	1.50	13.02	H
	7078	-42.81	-13	-29.81	-71.77	-52.58	1.84	11.61	H
									H
									H
									H
									H
	3539	-51.78	-13	-38.78	-71.31	-62.73	1.30	12.24	V
	5308	-46.13	-13	-33.13	-71.37	-57.65	1.50	13.02	V
	7078	-42.23	-13	-29.23	-71.41	-52.00	1.84	11.61	V
									V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit 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	3457	-52.13	-13	-39.13	-71.43	-63.42	1.20	12.49	H
	5186	-49.01	-13	-36.01	-72	-60.42	1.28	12.69	H
	6915	-43.98	-13	-30.98	-72.43	-54.28	1.84	12.14	H
									H
									H
									H
									H
	3457	-52.42	-13	-39.42	-71.58	-63.71	1.20	12.49	V
	5186	-48.33	-13	-35.33	-72.28	-59.74	1.28	12.69	V
	6915	-43.58	-13	-30.58	-72.48	-53.88	1.84	12.14	V
									V
									V
									V
									V
Middle	3508	-51.16	-13	-38.16	-71.04	-62.25	1.28	12.37	H
	5262	-48.15	-13	-35.15	-71.66	-59.63	1.41	12.89	H
	7016	-43.31	-13	-30.31	-71.98	-53.23	1.84	11.76	H
									H
									H
									H
									H
	3508	-51.87	-13	-38.87	-71.31	-62.96	1.28	12.37	V
	5262	-47.19	-13	-34.19	-71.91	-58.67	1.41	12.89	V
	7016	-43.00	-13	-30.00	-71.79	-52.92	1.84	11.76	V
									V
									V
									V
									V



Highest	3518	-52.00	-13	-39.00	-71.84	-63.05	1.28	12.33	H
	5277	-49.19	-13	-36.19	-72.82	-60.68	1.44	12.93	H
	7036	-43.29	-13	-30.29	-72.04	-53.16	1.84	11.71	H
									H
									H
									H
									H
	3518	-51.53	-13	-38.53	-71	-62.58	1.28	12.33	V
	5277	-47.50	-13	-34.50	-72.39	-58.99	1.44	12.93	V
	7036	-43.50	-13	-30.50	-72.39	-53.37	1.84	11.71	V
									V
									V
									V
									V

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



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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	1402	-58.45	-13.00	-45.45	-69.76	-62.74	0.78	7.22	H
	2096	-56.57	-13.00	-43.57	-70.51	-63.02	0.92	9.52	H
	2800	-54.87	-13.00	-41.87	-70.93	-62.50	1.12	10.90	H
									H
									H
									H
	1402	-58.20	-13.00	-45.20	-69.62	-62.49	0.78	7.22	V
	2096	-56.06	-13.00	-43.06	-70.38	-62.51	0.92	9.52	V
	2800	-54.06	-13.00	-41.06	-70.62	-61.69	1.12	10.90	V
									V
									V
									V
Middle	1410	-58.38	-13.00	-45.38	-69.67	-62.74	0.78	7.29	H
	2112	-56.09	-13.00	-43.09	-70.17	-62.45	0.93	9.44	H
	2814	-54.53	-13.00	-41.53	-70.62	-62.18	1.12	10.91	H
									H
									H
									H
	1410	-58.48	-13.00	-45.48	-69.87	-62.84	0.78	7.29	V
	2112	-55.52	-13.00	-42.52	-70.06	-61.88	0.93	9.44	V
	2814	-53.49	-13.00	-40.49	-70.06	-61.14	1.12	10.91	V
									V
									V
									V



Highest	1418	-58.89	-13.00	-45.89	-70.15	-63.32	0.78	7.36	H
	2120	-56.21	-13.00	-43.21	-70.37	-62.53	0.93	9.40	H
	2822	-54.21	-13.00	-41.21	-70.34	-61.87	1.11	10.92	H
									H
									H
									H
									H
	1418	-59.15	-13.00	-46.15	-70.52	-63.58	0.78	7.36	V
	2120	-55.85	-13.00	-42.85	-70.50	-62.17	0.93	9.40	V
	2824	-53.86	-13.00	-40.86	-70.45	-61.52	1.11	10.92	V
									V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit 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	1563	-57.41	-42.15	-15.26	-68.79	-63.25	0.80	8.79	H
	2345	-55.49	-13	-42.49	-70.22	-62.08	0.99	9.73	H
	3126	-53.86	-13	-40.86	-71.12	-61.97	1.10	11.35	H
									H
									H
									H
									H
	1563	-55.61	-42.15	-13.46	-66.96	-61.45	0.80	8.79	V
	2345	-55.54	-13	-42.54	-70.52	-62.13	0.99	9.73	V
	3126	-53.18	-13	-40.18	-70.67	-61.29	1.10	11.35	V
									V
									V
									V
									V
Middle	1568	-57.77	-42.15	-15.62	-69.46	-63.67	0.80	8.85	H
	2353	-55.40	-13	-42.40	-70.12	-62.02	0.99	9.77	H
	3137	-53.86	-13	-40.86	-71.16	-61.99	1.10	11.37	H
									H
									H
									H
									H
	1568	-53.67	-42.15	-11.52	-65.03	-59.57	0.80	8.85	V
	2353	-55.49	-13	-42.49	-70.43	-62.11	0.99	9.77	V
	3137	-53.49	-13	-40.49	-71.04	-61.62	1.10	11.37	V
									V
									V
									V
									V



Highest	1573	-58.50	-42.15	-16.35	-69.92	-64.45	0.80	8.90	H
	2360	-55.90	-13	-42.90	-70.61	-62.56	0.99	9.80	H
	3147	-54.08	-13	-41.08	-71.46	-62.22	1.10	11.39	H
									H
									H
									H
									H
	1573	-53.59	-42.15	-11.44	-64.95	-59.54	0.80	8.90	V
	2360	-56.27	-13	-43.27	-71.17	-62.93	0.99	9.80	V
	3147	-53.65	-13	-40.65	-71.26	-61.79	1.10	11.39	V
									V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit 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	1573	-56.90	-42.15	-14.75	-68.32	-62.85	0.80	8.90	H
	2359	-55.17	-13	-42.17	-69.88	-61.82	0.99	9.80	H
	3146	-53.61	-13	-40.61	-70.97	-61.75	1.10	11.39	H
									H
									H
									H
									H
	1573	-53.38	-42.15	-11.23	-64.75	-59.33	0.80	8.90	V
	2359	-55.69	-13	-42.69	-70.6	-62.34	0.99	9.80	V
	3146	-53.61	-13	-40.61	-71.21	-61.75	1.10	11.39	V
									V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit 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	-56.65	-13	-43.65	-68.11	-62.84	0.76	6.95	H
	1992	-57.36	-13	-44.36	-70.35	-66.47	0.89	10.00	H
	2656	-54.53	-13	-41.53	-70.17	-64.43	1.08	10.97	H
									H
									H
									H
									H
	1328	-57.64	-13	-44.64	-68.91	-63.83	0.76	6.95	V
	1992	-57.30	-13	-44.30	-70.31	-66.41	0.89	10.00	V
	2656	-54.72	-13	-41.72	-70.58	-64.62	1.08	10.97	V
									V
									V
									V
									V
Middle	1352	-55.52	-13	-42.52	-66.92	-61.79	0.77	7.03	H
	2022	-57.59	-13	-44.59	-70.86	-66.58	0.90	9.89	H
	2696	-54.71	-13	-41.71	-70.46	-64.57	1.09	10.95	H
									H
									H
									H
									H
	1352	-57.25	-13	-44.25	-68.55	-63.52	0.77	7.03	V
	2022	-57.12	-13	-44.12	-70.47	-66.11	0.90	9.89	V
	2696	-54.34	-13	-41.34	-70.39	-64.20	1.09	10.95	V
									V
									V
									V
									V



Highest	1360	-56.48	-13	-43.48	-67.87	-62.77	0.77	7.06	H
	2037	-56.77	-13	-43.77	-70.19	-65.68	0.90	9.82	H
	2712	-55.19	-13	-42.19	-70.99	-65.04	1.09	10.94	H
									H
									H
									H
									H
	1360	-56.86	-13	-43.86	-68.18	-63.15	0.77	7.06	V
	2037	-57.20	-13	-44.20	-70.75	-66.11	0.90	9.82	V
	2712	-54.69	-13	-41.69	-70.82	-64.54	1.09	10.94	V
									V
									V
									V
									V

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



<Ant. 6>

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	5004	-49.28	-25	-24.28	-71.9	-60.53	1.35	12.60	H
	7503	-39.50	-25	-14.50	-69.62	-48.79	1.92	11.21	H
	10008	-36.52	-25	-11.52	-71.53	-45.33	2.29	11.10	H
									H
									H
									H
	5004	-48.59	-25	-23.59	-71.69	-59.84	1.35	12.60	V
	7503	-42.02	-25	-17.02	-72.27	-51.31	1.92	11.21	V
	10008	-37.87	-25	-12.87	-71.52	-46.68	2.29	11.10	V
									V
									V
									V
Middle	5052	-49.03	-25	-24.03	-71.75	-60.32	1.33	12.63	H
	7578	-38.48	-25	-13.48	-68.54	-48.10	1.90	11.51	H
	10107	-36.91	-25	-11.91	-72	-45.66	2.28	11.04	H
									H
									H
									H
	5052	-48.02	-25	-23.02	-71.35	-59.31	1.33	12.63	V
	7578	-41.05	-25	-16.05	-71.27	-50.67	1.90	11.51	V
	10107	-38.18	-25	-13.18	-72.07	-46.93	2.28	11.04	V
									V
									V
									V



Highest	5100	-48.98	-25	-23.98	-71.81	-60.32	1.32	12.65	H
	7653	-39.16	-25	-14.16	-69.27	-48.90	1.89	11.63	H
	10206	-37.08	-25	-12.08	-72.26	-45.78	2.27	10.98	H
									H
									H
									H
									H
	5100	-48.00	-25	-23.00	-71.56	-59.34	1.32	12.65	V
	7653	-40.74	-25	-15.74	-71.06	-50.48	1.89	11.63	V
	10206	-38.19	-25	-13.19	-72.34	-46.89	2.27	10.98	V
									V
									V
									V
									V

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

**LTE Band 7C**

LTE Band 7 / 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	5040	-49.02	-25	-24.02	-71.73	-60.30	1.34	12.62	H
	7554	-40.98	-25	-15.98	-71.05	-50.49	1.90	11.42	H
	10071	-36.82	-25	-11.82	-71.89	-45.59	2.28	11.06	H
									H
									H
									H
									H
	5040	-48.28	-25	-23.28	-71.56	-59.56	1.34	12.62	V
	7554	-42.17	-25	-17.17	-72.4	-51.68	1.90	11.42	V
	10071	-38.32	-25	-13.32	-72.13	-47.09	2.28	11.06	V
									V
									V
									V
									V
Middle	5070	-48.99	-25	-23.99	-71.75	-60.30	1.33	12.64	H
	7602	-41.47	-25	-16.47	-71.51	-51.18	1.89	11.60	H
	10134	-36.67	-25	-11.67	-71.79	-45.41	2.28	11.02	H
									H
									H
									H
									H
	5070	-48.13	-25	-23.13	-71.54	-59.44	1.33	12.64	V
	7602	-41.99	-25	-16.99	-72.2	-51.70	1.89	11.60	V
	10134	-37.68	-25	-12.68	-71.65	-46.42	2.28	11.02	V
									V
									V
									V
									V



Highest	5100	-48.85	-25	-23.85	-71.68	-60.19	1.32	12.65	H
	7647	-42.37	-25	-17.37	-72.46	-52.11	1.89	11.62	H
	10197	-36.70	-25	-11.70	-71.87	-45.41	2.27	10.98	H
									H
									H
									H
									H
	5100	-47.75	-25	-22.75	-71.31	-59.09	1.32	12.65	V
	7647	-42.38	-25	-17.38	-72.68	-52.12	1.89	11.62	V
	10197	-38.03	-25	-13.03	-72.15	-46.74	2.27	10.98	V
									V
									V
									V
									V

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

**LTE Band 41**

LTE Band 41 / 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	-49.13	-25	-24.13	-71.76	-60.38	1.35	12.60	H
	7491	-41.66	-25	-16.66	-71.8	-50.96	1.92	11.22	H
	9988	-36.19	-25	-11.19	-71.18	-44.99	2.29	11.09	H
									H
									H
									H
									H
	4994	-48.68	-25	-23.68	-71.76	-59.93	1.35	12.60	V
	7491	-39.35	-25	-14.35	-69.61	-48.65	1.92	11.22	V
	9988	-38.30	-25	-13.30	-71.95	-47.10	2.29	11.09	V
									V
									V
									V
									V
Middle	5168	-47.68	-25	-22.68	-70.64	-59.07	1.29	12.68	H
	7752	-39.85	-25	-14.85	-70.1	-49.64	1.88	11.68	H
	10336	-36.86	-25	-11.86	-72.15	-45.50	2.26	10.90	H
									H
									H
									H
									H
	5168	-47.97	-25	-22.97	-71.84	-59.36	1.29	12.68	V
	7752	-37.60	-25	-12.60	-68.11	-47.39	1.88	11.68	V
	10336	-37.55	-25	-12.55	-72.01	-46.19	2.26	10.90	V
									V
									V
									V
									V



Highest	5342	-46.26	-25	-21.26	-70.4	-57.81	1.57	13.13	H
	8013	-40.80	-25	-15.80	-72.18	-50.05	2.00	11.25	H
	10684	-37.02	-25	-12.02	-72.85	-45.48	2.23	10.69	H
									H
									H
									H
									H
	5342	-46.73	-25	-21.73	-72.34	-58.28	1.57	13.13	V
	8013	-40.26	-25	-15.26	-72.01	-49.51	2.00	11.25	V
	10684	-36.91	-25	-11.91	-72.36	-45.37	2.23	10.69	V
									V
									V
									V
									V

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

**LTE Band 41 (HPUE)**

LTE Band 41 / 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	-48.77	-25	-23.77	-71.4	-60.02	1.35	12.60	H
	7491	-42.67	-25	-17.67	-72.81	-51.97	1.92	11.22	H
	9988	-36.89	-25	-11.89	-71.88	-45.69	2.29	11.09	H
									H
									H
									H
									H
	4994	-48.23	-25	-23.23	-71.31	-59.48	1.35	12.60	V
	7491	-42.36	-25	-17.36	-72.62	-51.66	1.92	11.22	V
	9988	-38.38	-25	-13.38	-72.03	-47.18	2.29	11.09	V
									V
									V
									V
									V
Middle	5168	-49.29	-25	-24.29	-72.24	-60.68	1.29	12.68	H
	7752	-41.96	-25	-16.96	-72.21	-51.75	1.88	11.68	H
	10336	-36.76	-25	-11.76	-72.04	-45.40	2.26	10.90	H
									H
									H
									H
									H
	5168	-47.99	-25	-22.99	-71.85	-59.38	1.29	12.68	V
	7752	-41.85	-25	-16.85	-72.36	-51.64	1.88	11.68	V
	10336	-38.00	-25	-13.00	-72.46	-46.64	2.26	10.90	V
									V
									V
									V
									V



Highest	5342	-48.79	-25	-23.79	-72.93	-60.34	1.57	13.13	H
	8013	-41.00	-25	-16.00	-72.38	-50.25	2.00	11.25	H
	10684	-37.07	-25	-12.07	-72.9	-45.53	2.23	10.69	H
									H
									H
									H
									H
	5342	-46.73	-25	-21.73	-72.34	-58.28	1.57	13.13	V
	8013	-40.34	-25	-15.34	-72.09	-49.59	2.00	11.25	V
	10684	-36.97	-25	-11.97	-72.42	-45.43	2.23	10.69	V
									V
									V
									V
									V

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

**LTE Band 41C**

LTE Band 41C / 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	-48.83	-25	-23.83	-71.52	-60.10	1.34	12.61	H
	7544	-42.57	-25	-17.57	-72.65	-52.04	1.91	11.38	H
	10062	-36.65	-25	-11.65	-71.71	-45.43	2.29	11.06	H
									H
									H
									H
									H
	5028	-48.33	-25	-23.33	-72.06	-59.60	1.34	12.61	V
	7544	-42.31	-25	-17.31	-72.54	-51.78	1.91	11.38	V
	10062	-38.32	-25	-13.32	-73.38	-47.10	2.29	11.06	V
									V
									V
									V
									V
Middle	5184	-47.74	-25	-22.74	-70.73	-59.15	1.29	12.69	H
	7776	-40.63	-25	-15.63	-70.91	-50.44	1.88	11.69	H
	10368	-36.54	-25	-11.54	-71.85	-45.16	2.26	10.88	H
									H
									H
									H
									H
	5184	-47.65	-25	-22.65	-71.59	-59.06	1.29	12.69	V
	7776	-40.39	-25	-15.39	-70.95	-50.20	1.88	11.69	V
	10368	-36.77	-25	-11.77	-71.31	-45.39	2.26	10.88	V
									V
									V
									V
									V



Highest	5304	-48.54	-25	-23.54	-72.38	-60.06	1.49	13.01	H
	7956	-41.08	-25	-16.08	-72.21	-50.42	1.97	11.31	H
	10602	-37.16	-25	-12.16	-72.81	-45.66	2.24	10.74	H
									H
									H
									H
									H
	5304	-47.31	-25	-22.31	-72.5	-58.83	1.49	13.01	V
	7956	-40.71	-25	-15.71	-72.21	-50.05	1.97	11.31	V
	10602	-36.81	-25	-11.81	-72	-45.31	2.24	10.74	V
									V
									V
									V
									V

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