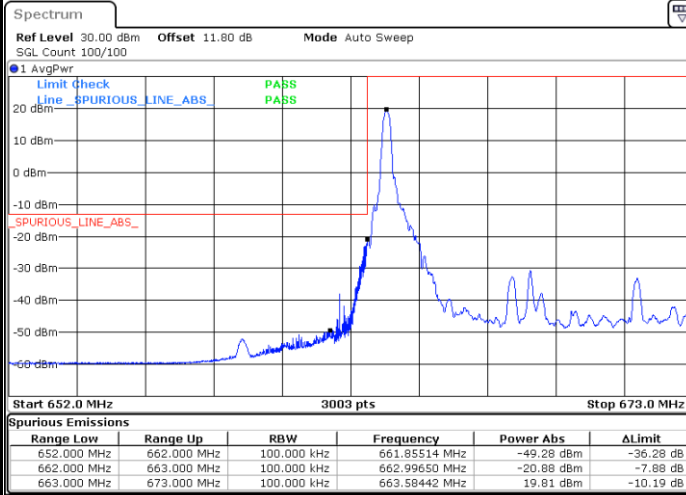


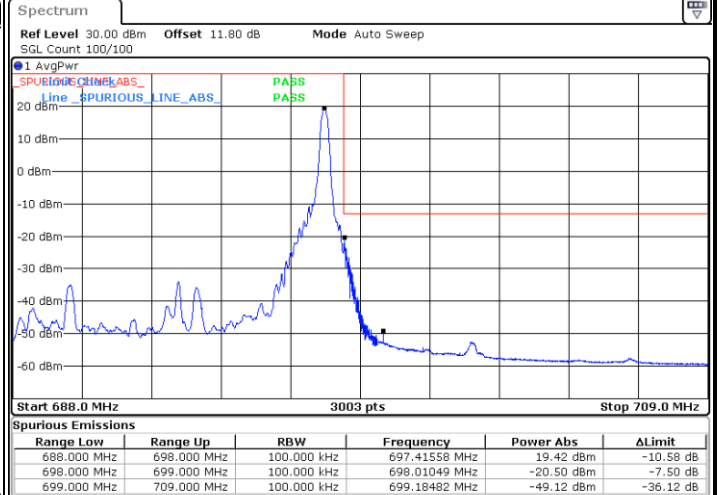


LTE Band 71 / 10MHz / 64QAM

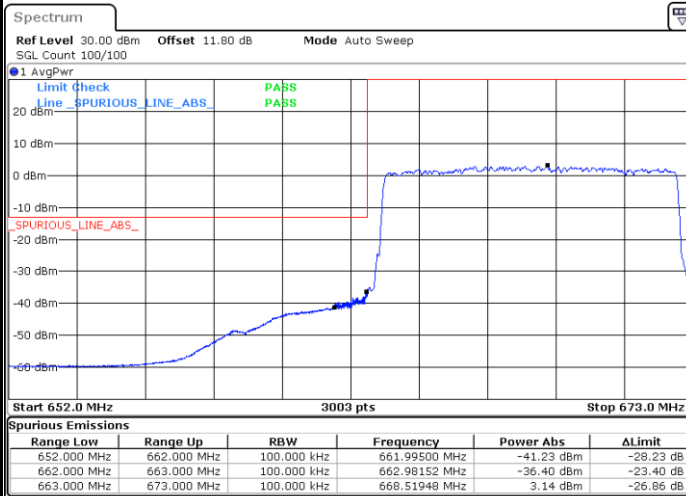
Lowest Band Edge / 1 RB



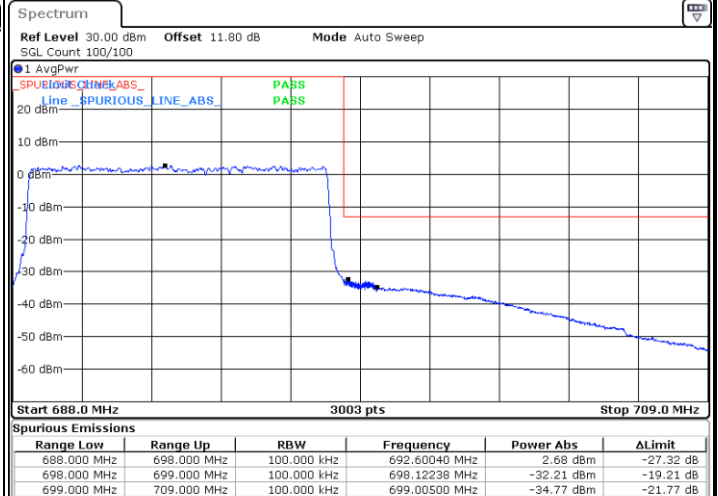
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



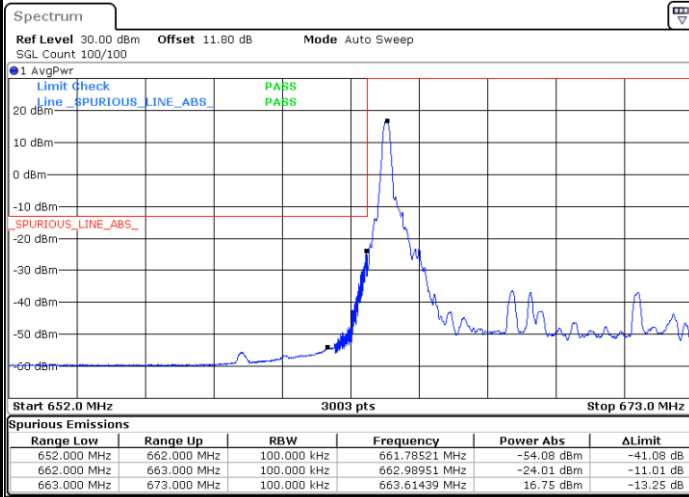
Highest Band Edge / Full RB



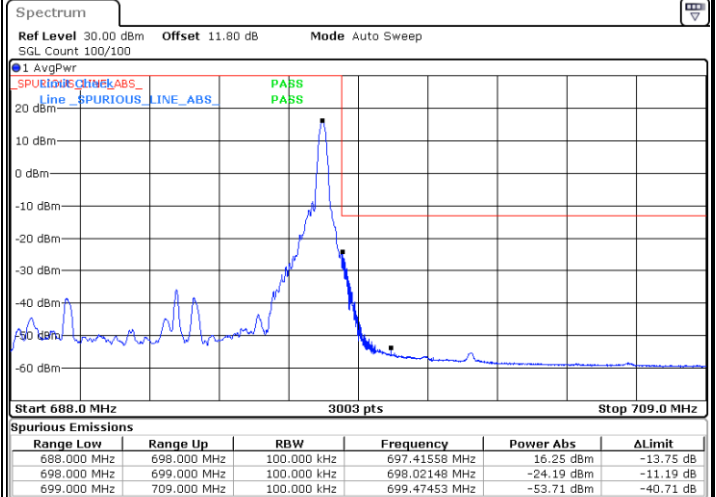


LTE Band 71 / 10MHz / 256QAM

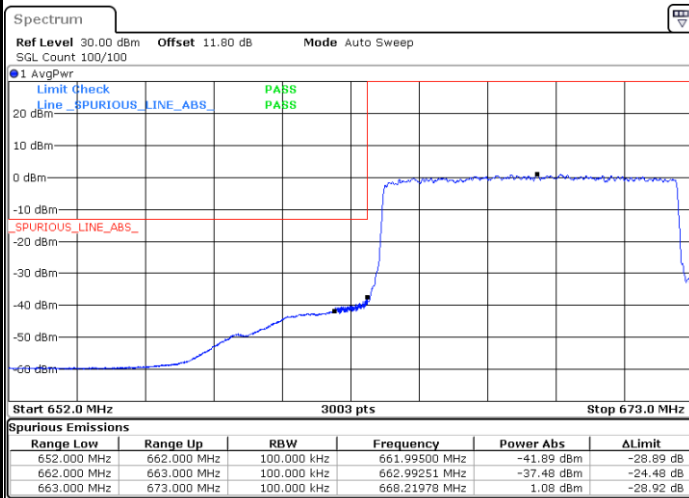
Lowest Band Edge / 1 RB



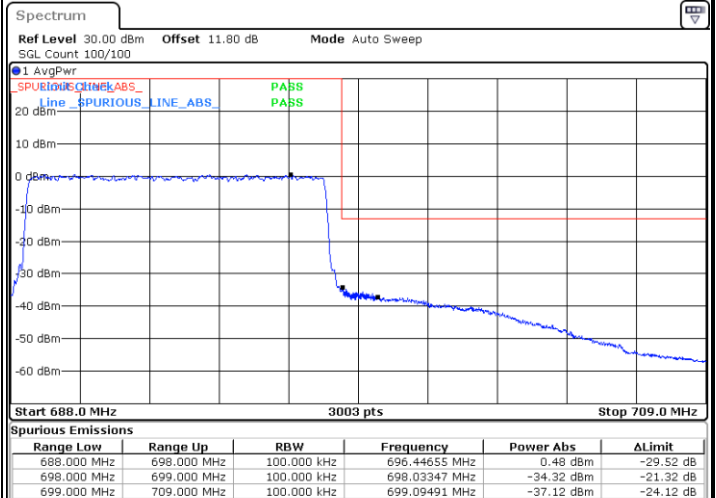
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



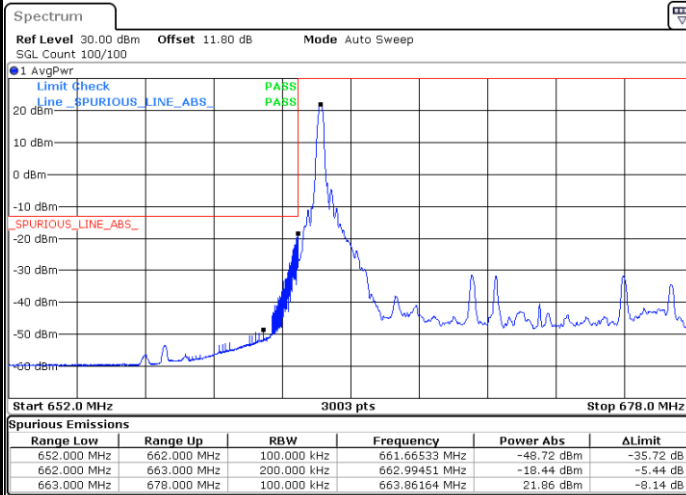
Highest Band Edge / Full RB



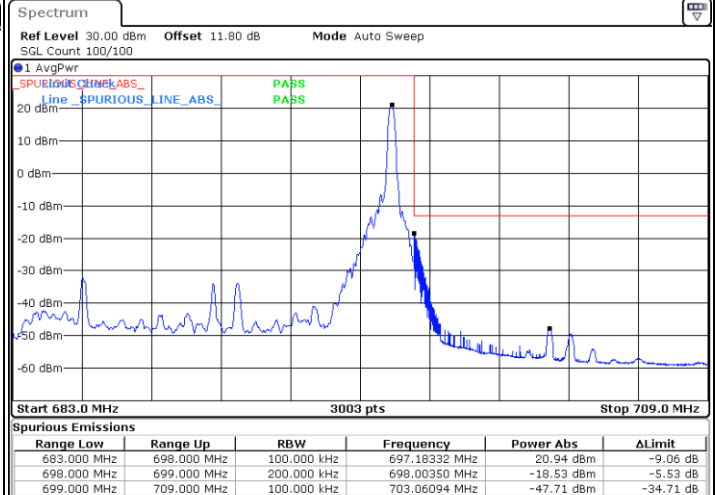


LTE Band 71 / 15MHz / QPSK

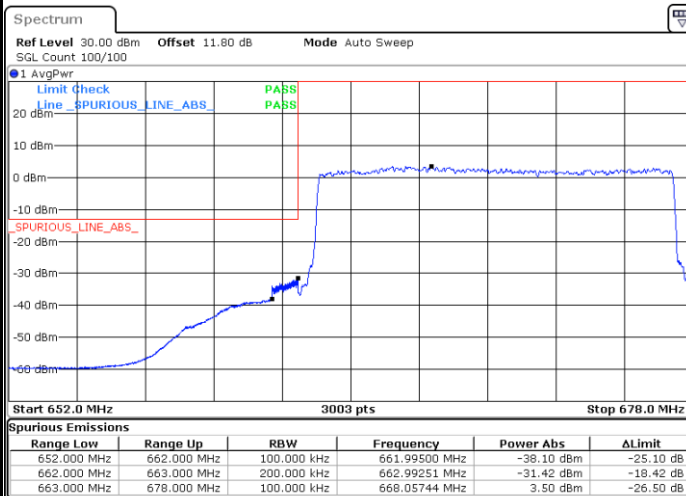
Lowest Band Edge / 1 RB



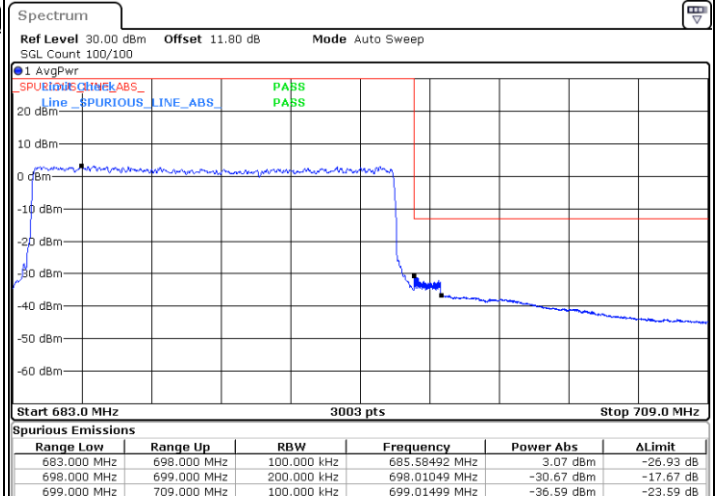
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



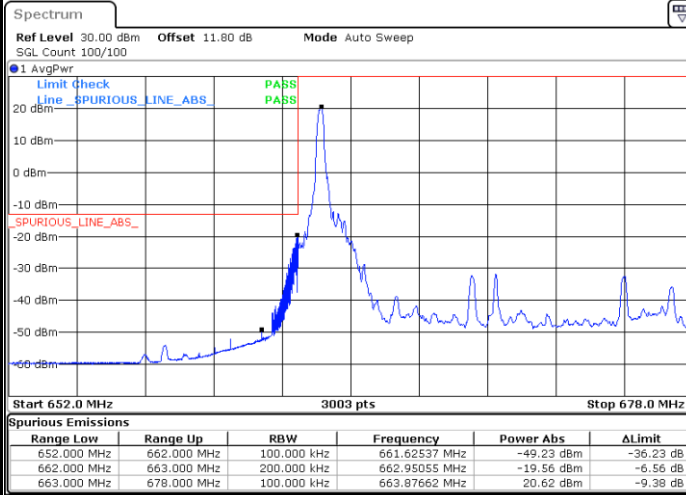
Highest Band Edge / Full RB



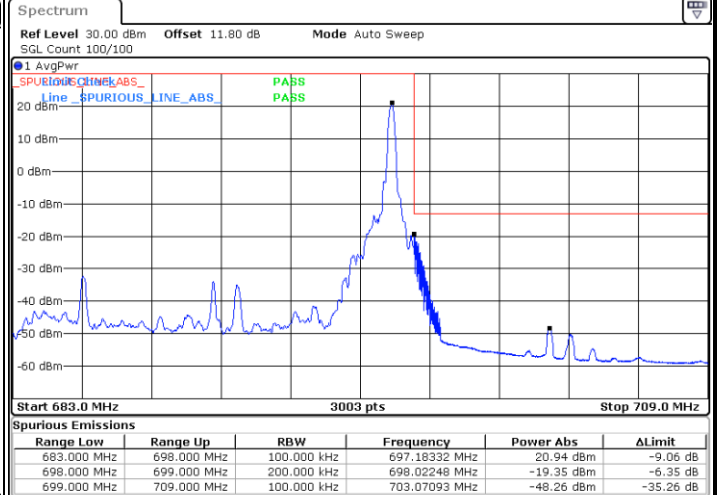


LTE Band 71 / 15MHz / 16QAM

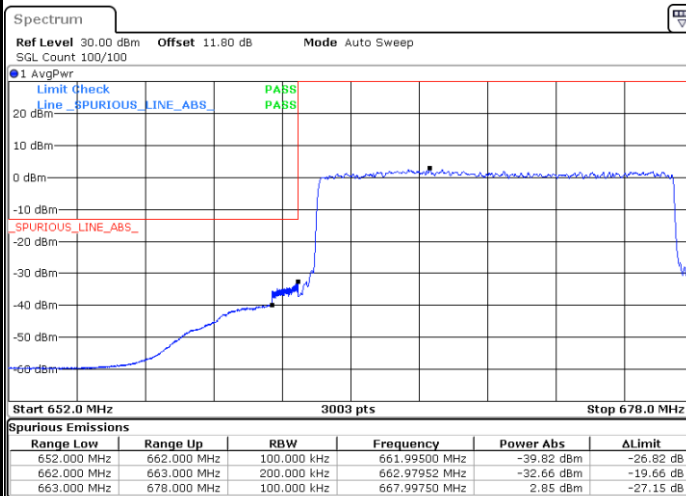
Lowest Band Edge / 1 RB



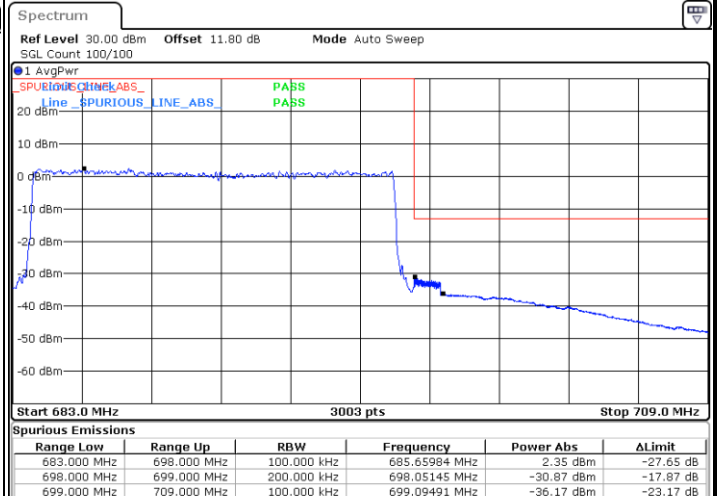
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



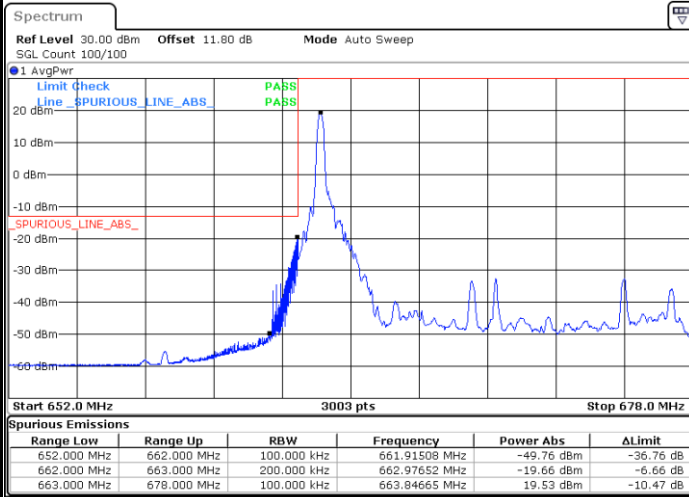
Highest Band Edge / Full RB



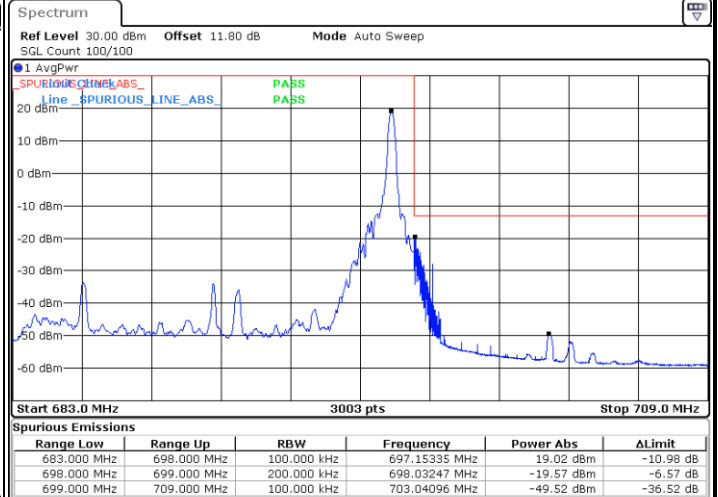


LTE Band 71 / 15MHz / 64QAM

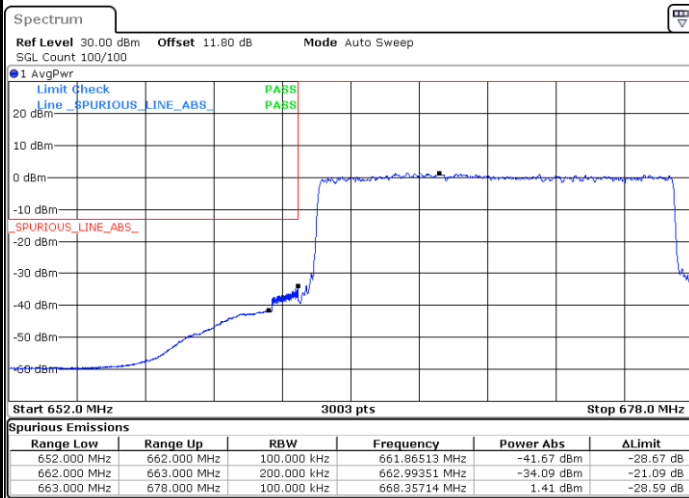
Lowest Band Edge / 1 RB



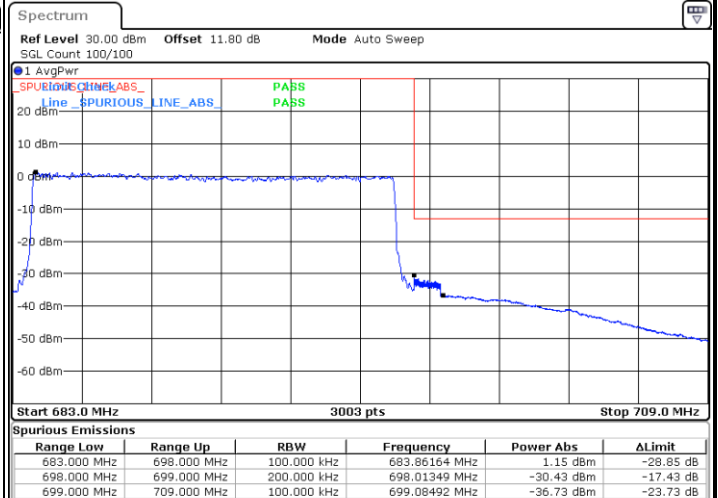
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



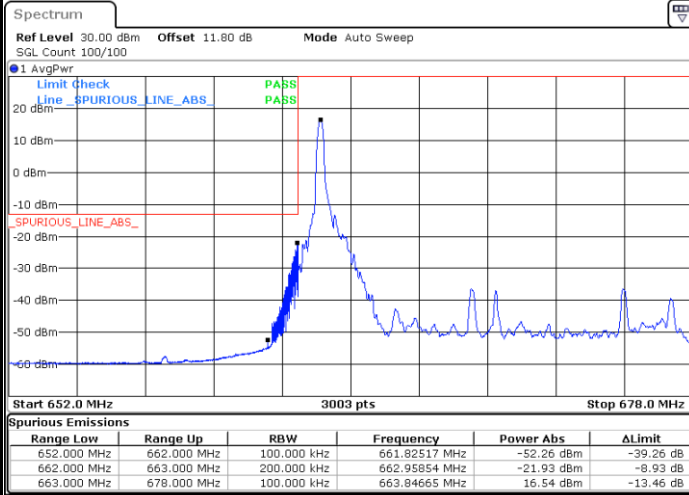
Highest Band Edge / Full RB



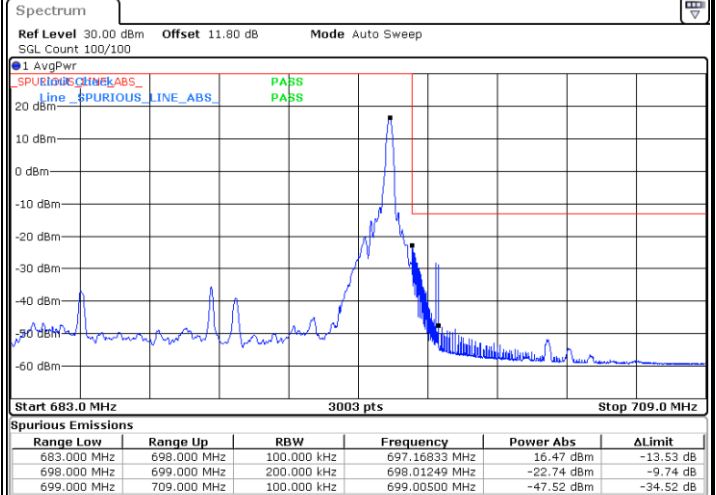


LTE Band 71 / 15MHz / 256QAM

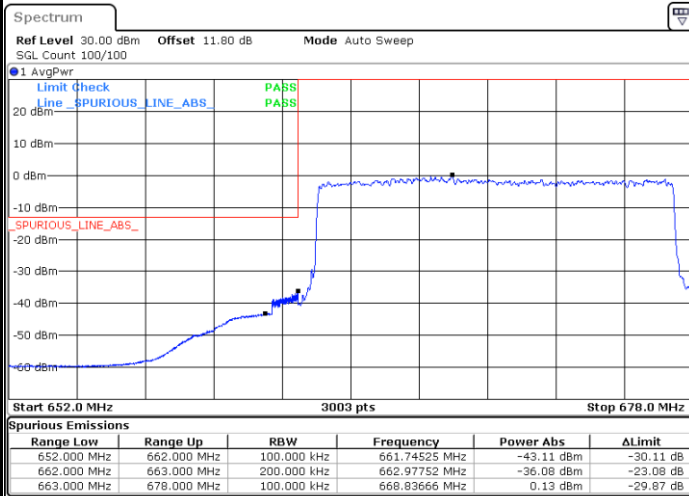
Lowest Band Edge / 1 RB



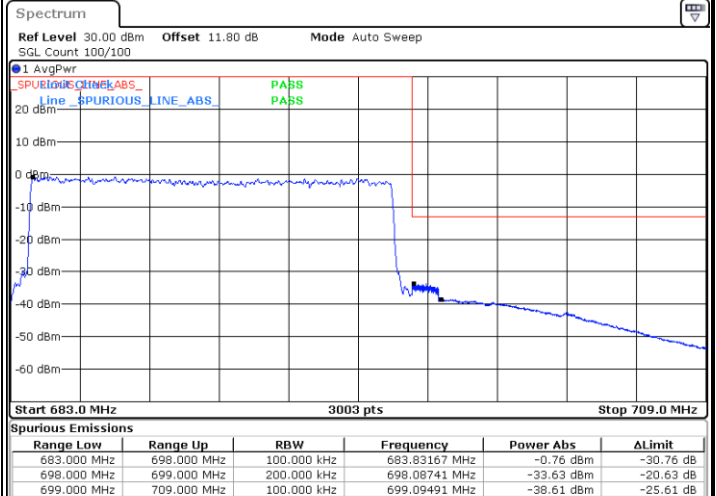
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



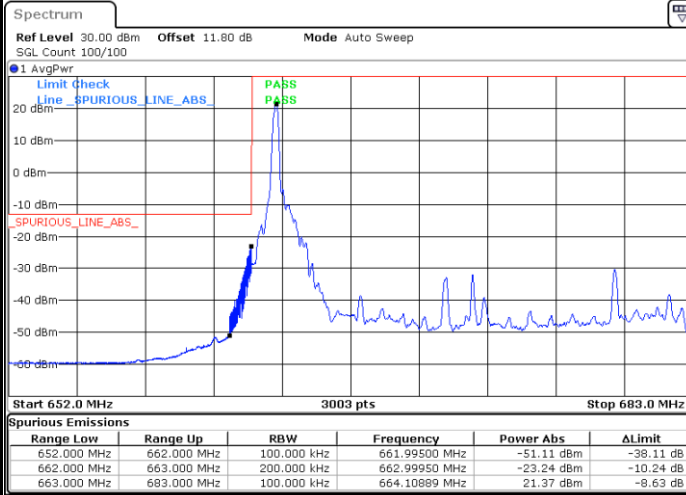
Highest Band Edge / Full RB



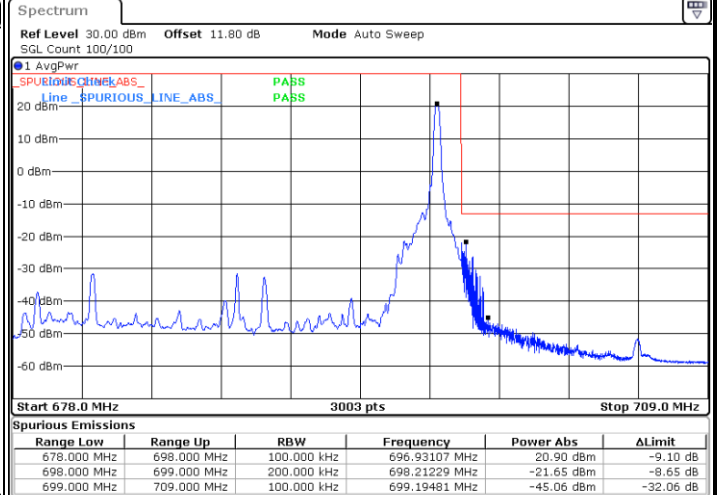


LTE Band 71 / 20MHz / QPSK

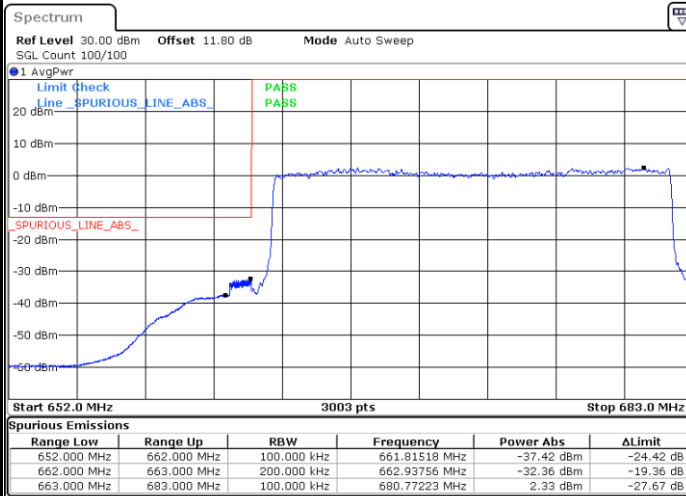
Lowest Band Edge / 1 RB



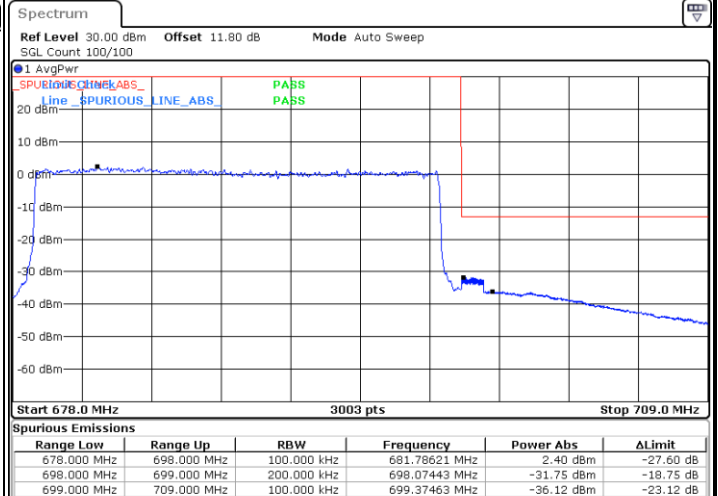
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



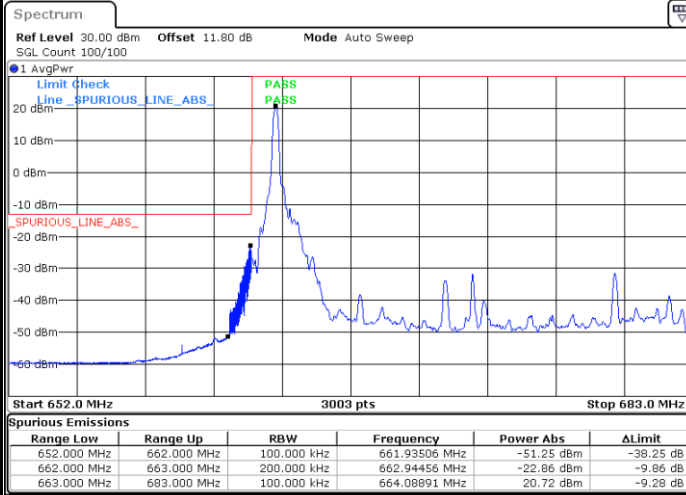
Highest Band Edge / Full RB



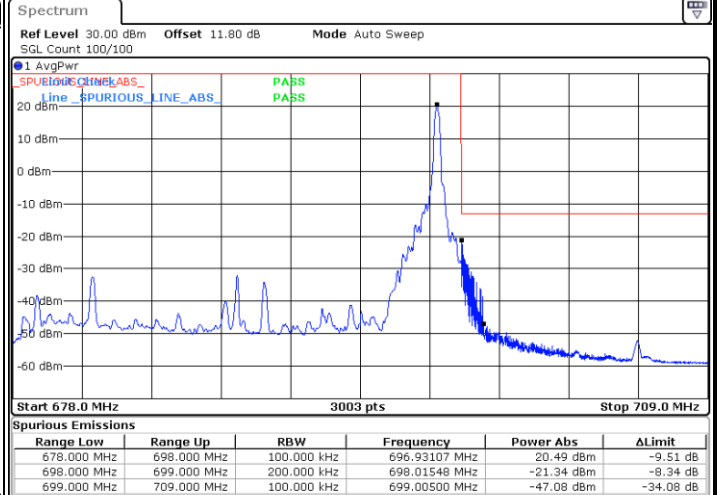


LTE Band 71 / 20MHz / 16QAM

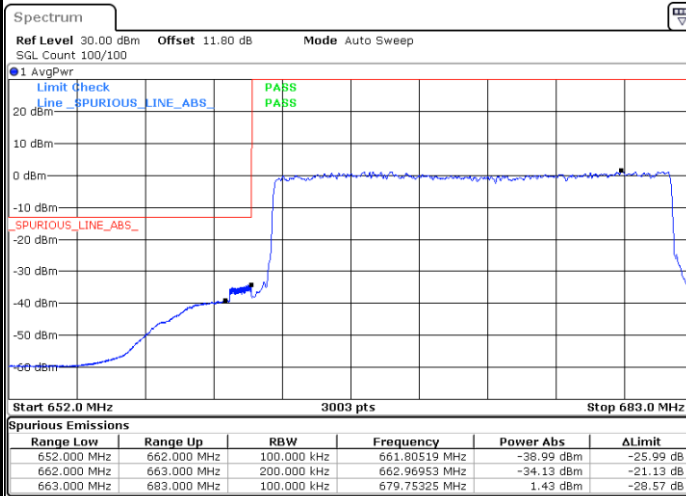
Lowest Band Edge / 1 RB



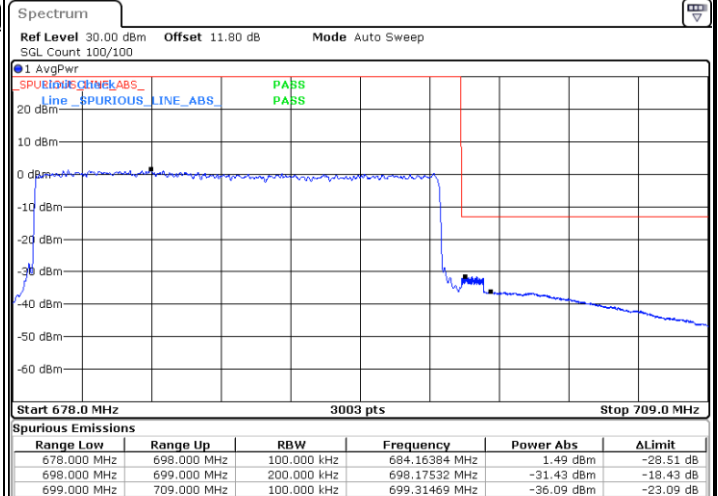
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



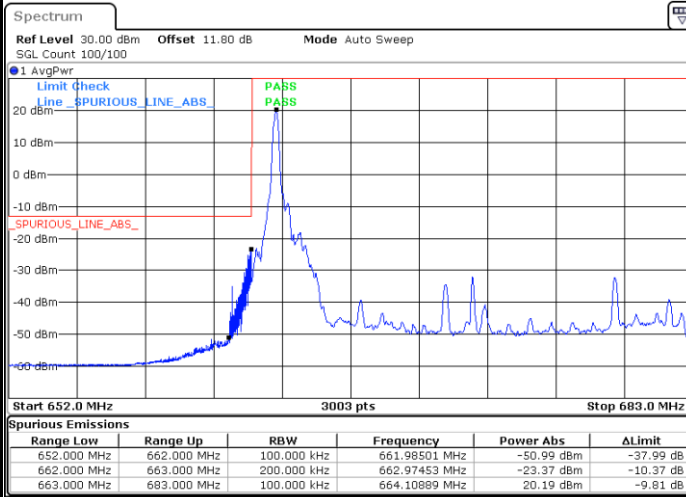
Highest Band Edge / Full RB



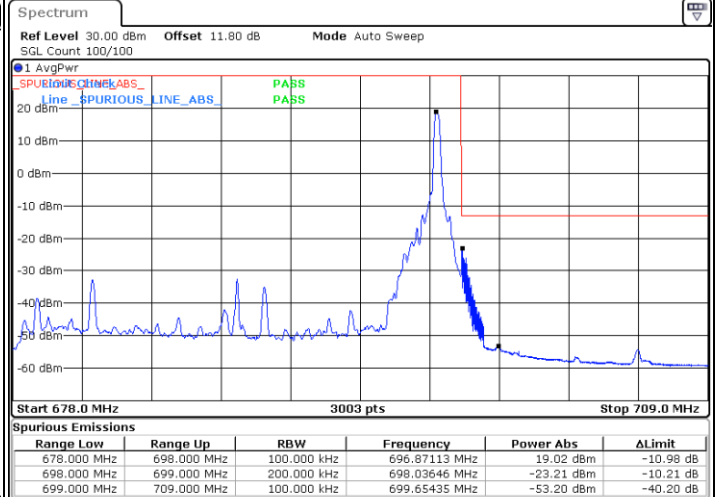


LTE Band 71 / 20MHz / 64QAM

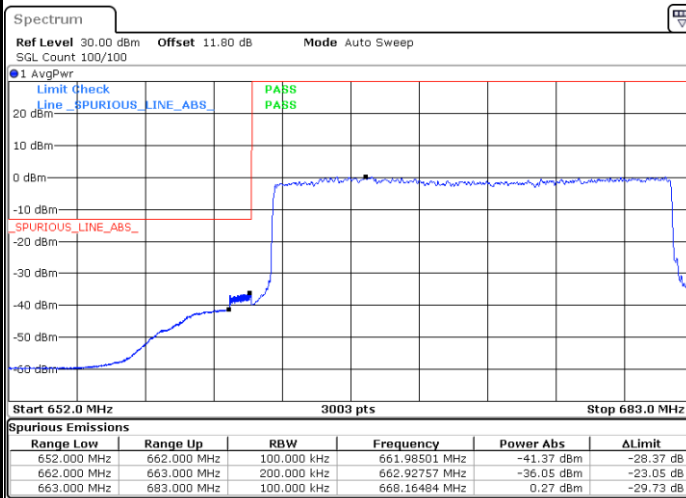
Lowest Band Edge / 1 RB



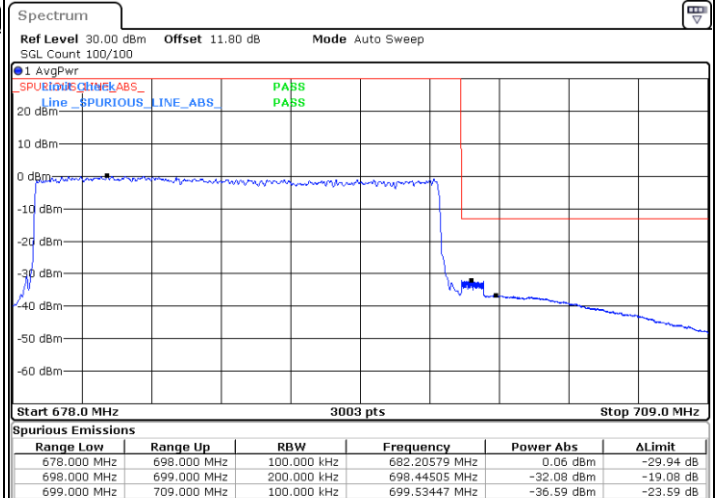
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



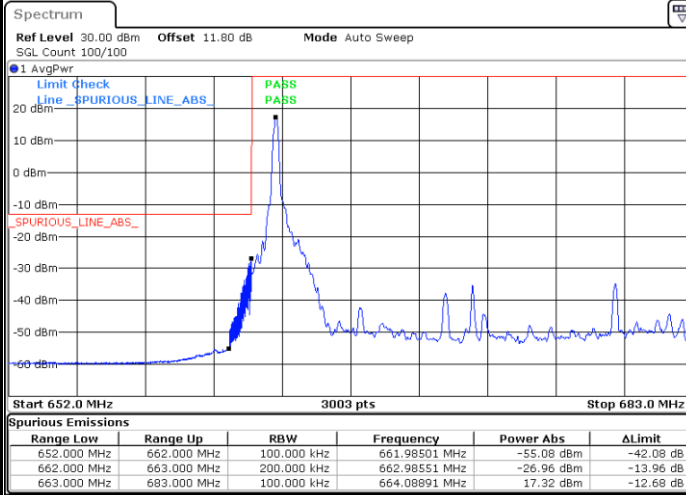
Highest Band Edge / Full RB



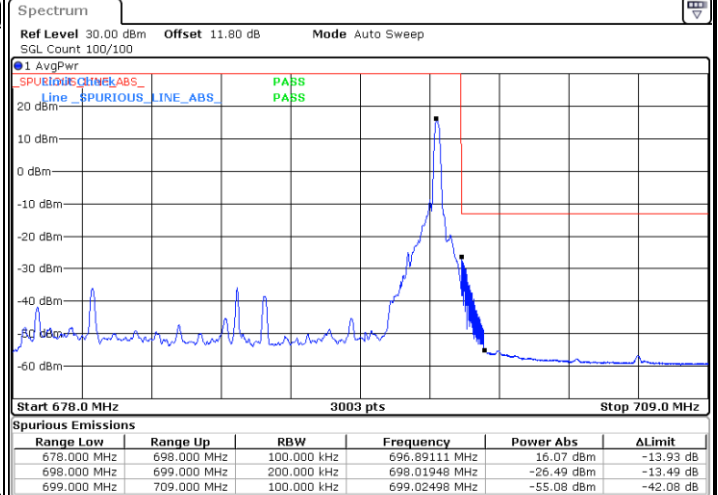


LTE Band 71 / 20MHz / 256QAM

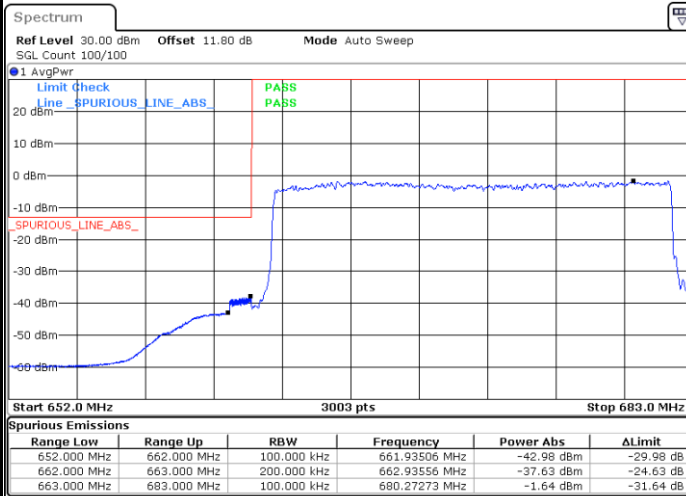
Lowest Band Edge / 1 RB



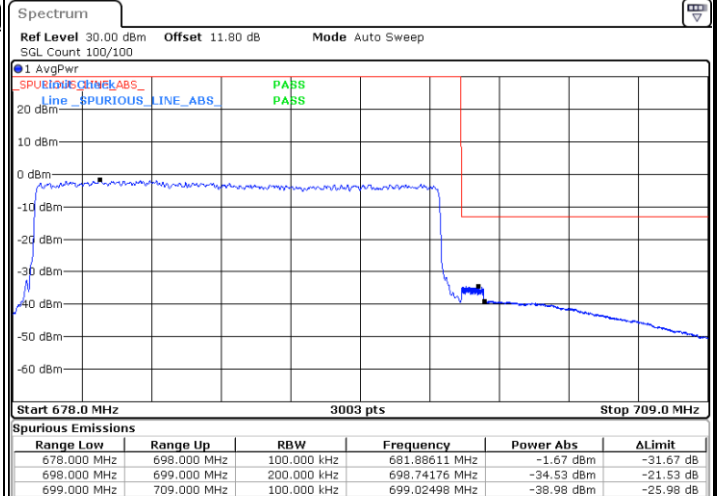
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

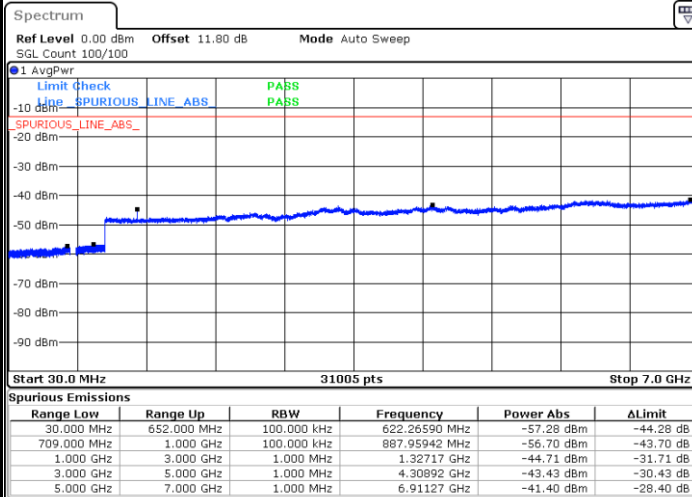




Conducted Spurious Emission

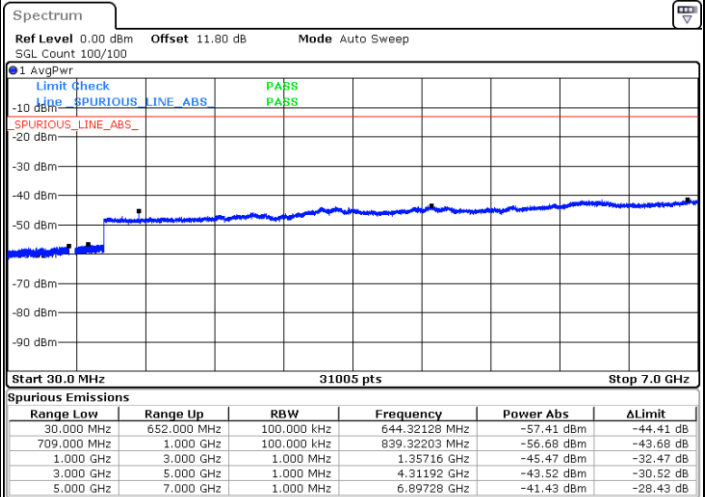
LTE Band 71 / 5MHz

Lowest Channel / QPSK



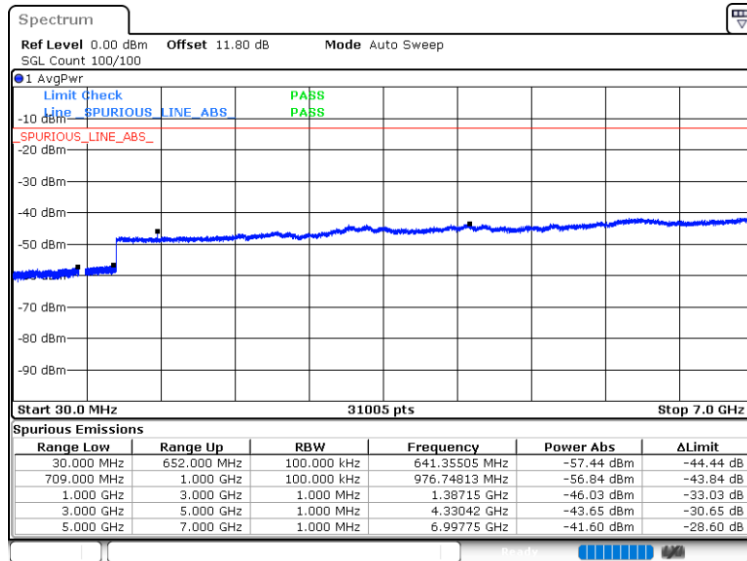
Date: 26.APR.2021 14:33:03

Middle Channel / QPSK



Date: 26.APR.2021 14:35:41

Highest Channel / QPSK

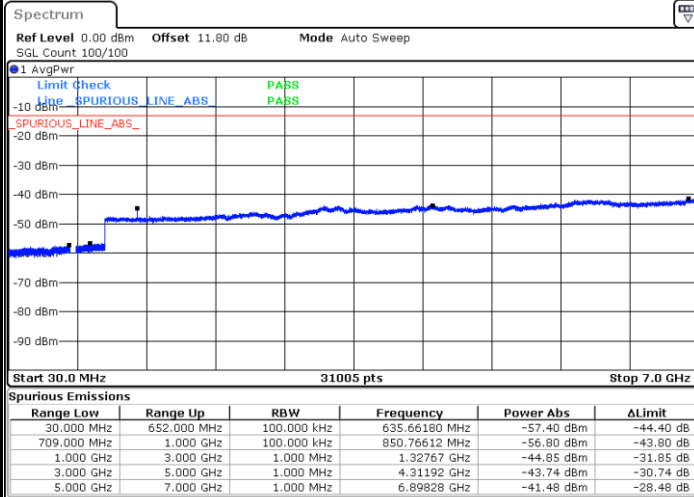


Date: 26.APR.2021 14:42:13



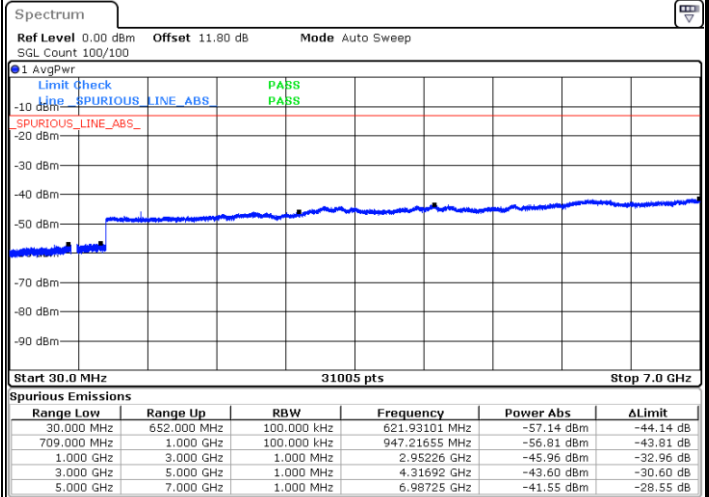
LTE Band 71 / 10MHz

Lowest Channel / QPSK



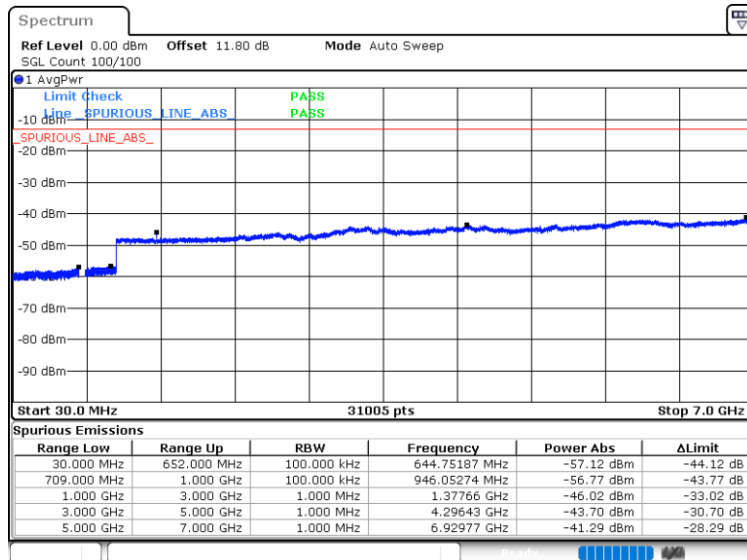
Date: 26.APR.2021 14:54:51

Middle Channel / QPSK



Date: 26.APR.2021 14:57:29

Highest Channel / QPSK

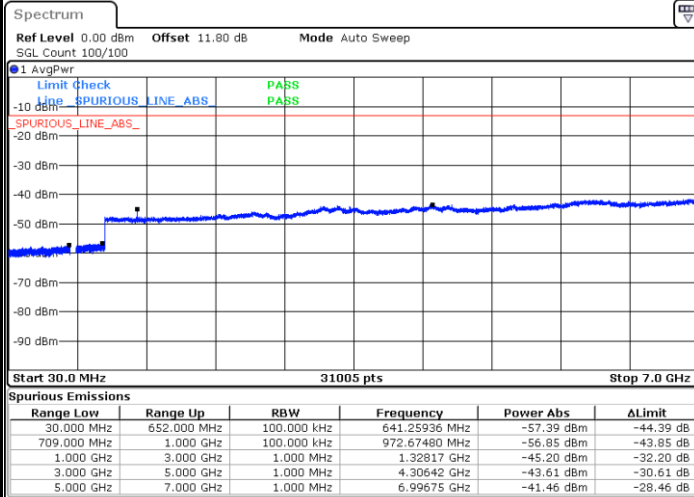


Date: 26.APR.2021 15:04:00



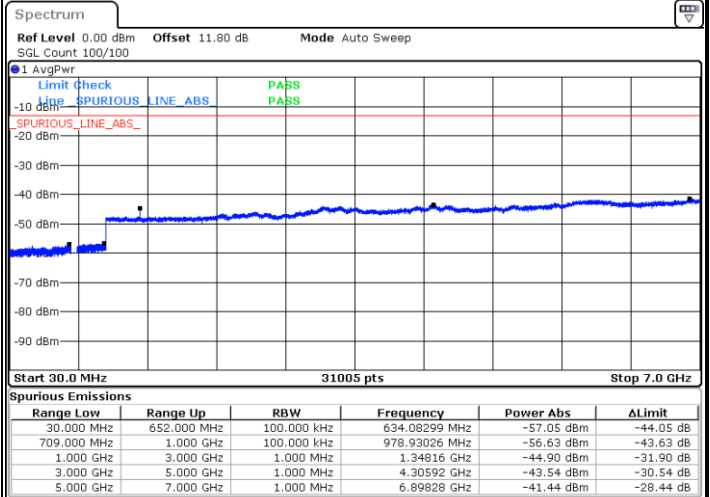
LTE Band 71 / 15MHz

Lowest Channel / QPSK



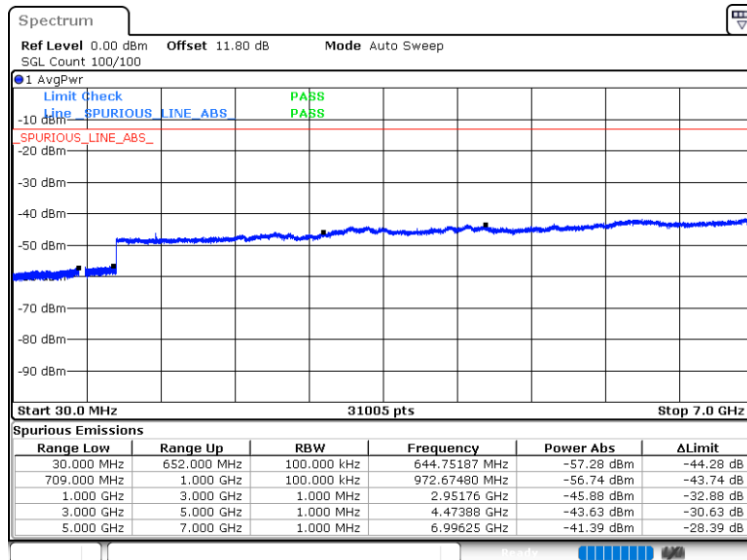
Date: 26.APR.2021 15:16:41

Middle Channel / QPSK



Date: 26.APR.2021 15:19:19

Highest Channel / QPSK

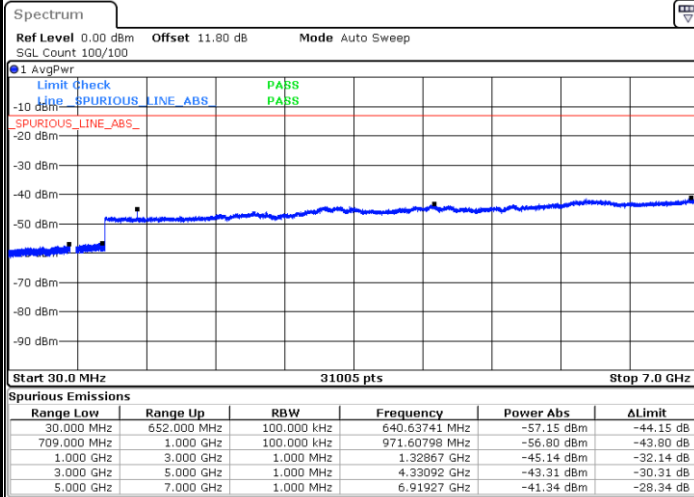


Date: 26.APR.2021 15:25:53



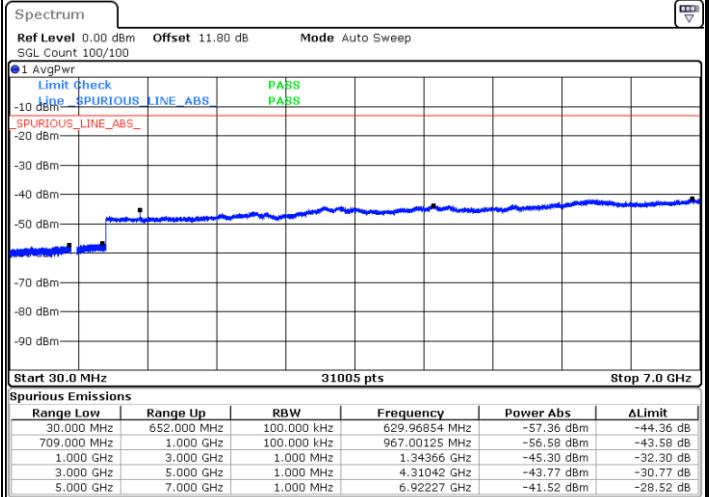
LTE Band 71 / 20MHz

Lowest Channel / QPSK



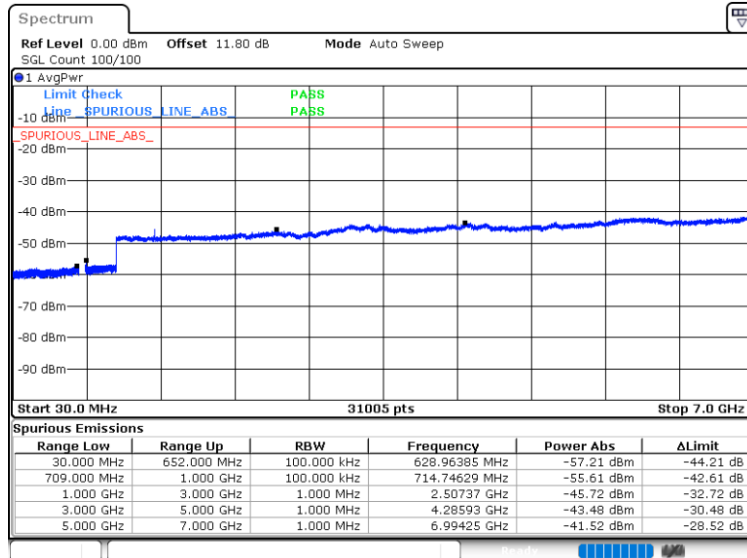
Date: 26.APR.2021 15:38:36

Middle Channel / QPSK



Date: 26.APR.2021 15:41:14

Highest Channel / QPSK



Date: 26.APR.2021 15:47:48

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	0.0009	PASS
40	Normal Voltage	0.0041	
30	Normal Voltage	0.0050	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0032	
0	Normal Voltage	0.0043	
-10	Normal Voltage	0.0013	
-20	Normal Voltage	0.0032	
-30	Normal Voltage	0.0115	
20	Maximum Voltage	0.0069	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0144	

Note:

1. Normal Voltage =3.8 V. ; Minimum Voltage =3.4 V. ; Maximum Voltage =4.3 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

<Ant. 0>

LTE Band 5

LTE Band 5 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1648	-63.46	-13	-50.46	-75.37	-65.22	0.98	4.89	H
	2472	-48.71	-13	-35.71	-65.88	-50.59	1.28	5.32	H
	3296	-57.01	-13	-44.01	-76.27	-60.42	1.54	7.10	H
									H
									H
									H
									H
	1648	-63.06	-13	-50.06	-75.41	-64.82	0.98	4.89	V
	2472	-54.71	-13	-41.71	-72.36	-56.59	1.28	5.32	V
	3296	-57.71	-13	-44.71	-77.38	-61.12	1.54	7.10	V
									V
									V
									V
									V
Middle	1664	-62.87	-13	-49.87	-74.91	-64.58	0.98	4.84	H
	2496	-52.12	-13	-39.12	-69.36	-54.07	1.29	5.39	H
	3328	-57.42	-13	-44.42	-76.95	-60.96	1.55	7.24	H
									H
									H
									H
	1664	-62.86	-13	-49.86	-75.37	-64.57	0.98	4.84	V
	2496	-56.25	-13	-43.25	-73.94	-58.2	1.29	5.39	V
	3328	-57.22	-13	-44.22	-77	-60.76	1.55	7.24	V
									V
									V
									V



LTE Band 5 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Highest	1680	-63.68	-13	-50.68	-75.87	-65.33	0.99	4.80	H
	2520	-49.36	-13	-36.36	-66.58	-51.33	1.30	5.42	H
	3356	-57.90	-13	-44.90	-77.61	-61.56	1.56	7.37	H
									H
									H
									H
									H
	1680	-63.31	-13	-50.31	-75.96	-64.96	0.99	4.80	V
	2520	-56.16	-13	-43.16	-73.84	-58.13	1.30	5.42	V
	3356	-57.92	-13	-44.92	-77.79	-61.58	1.56	7.37	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 / 1RB49 QPSK+1RB0 QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1672	-63.64	-13	-50.64	-75.84	-65.32	0.99	4.82	H
	2504	-53.86	-13	-40.86	-71.11	-55.82	1.29	5.40	H
	3336	-58.48	-13	-45.48	-78.02	-62.06	1.55	7.28	H
									H
									H
									H
									H
	1672	-63.13	-13	-50.13	-75.66	-64.81	0.99	4.82	V
	2504	-57.95	-13	-44.95	-75.6	-59.91	1.29	5.40	V
	3336	-58.09	-13	-45.09	-77.82	-61.67	1.55	7.28	V
									V
									V
									V
									V
Middle	1673	-63.37	-13	-50.37	-75.57	-65.05	0.99	4.82	H
	2512	-52.76	-13	-39.76	-69.98	-54.73	1.29	5.41	H
	3344	-57.84	-13	-44.84	-77.5	-61.45	1.56	7.31	H
									H
									H
									H
									H
	1673	-62.57	-13	-49.57	-75.23	-64.25	0.99	4.82	V
	2512	-58.04	-13	-45.04	-75.74	-60.01	1.29	5.41	V
	3344	-58.21	-13	-45.21	-77.92	-61.82	1.56	7.31	V
									V
									V
									V
									V



LTE Band 5B / 10MHz+10MHz / 1RB49 QPSK+1RB0 QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Highest	1680	-63.18	-13	-50.18	-75.31	-64.83	0.99	4.80	H
	2512	-51.82	-13	-38.82	-69.04	-53.79	1.29	5.41	H
	3352	-55.88	-13	-42.88	-75.55	-59.52	1.56	7.35	H
									H
									H
									H
									H
	1680	-62.92	-13	-49.92	-75.58	-64.57	0.99	4.80	V
	2512	-58.29	-13	-45.29	-75.97	-60.26	1.29	5.41	V
	3352	-57.54	-13	-44.54	-77.39	-61.18	1.56	7.35	V
									V
									V
									V
									V

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

**LTE Band 12**

LTE Band 12 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1400	-63.81	-13	-50.81	-74.02	-65.47	0.87	4.68	H
	2800	-56.18	-13	-43.18	-73.73	-58.29	1.38	5.64	H
	3504	-54.26	-13	-41.26	-74.66	-58.51	1.61	8.00	H
									H
									H
									H
									H
	1400	-63.76	-13	-50.76	-74.44	-65.42	0.87	4.68	V
	2800	-58.51	-13	-45.51	-76.84	-60.62	1.38	5.64	V
	3504	-57.71	-13	-44.71	-77.96	-61.96	1.61	8.00	V
									V
									V
									V
									V
Middle	1408	-63.33	-13	-50.33	-73.53	-65.04	0.87	4.73	H
	2816	-57.65	-13	-44.65	-75.24	-59.76	1.39	5.65	H
	3504	-55.53	-13	-42.53	-75.93	-59.78	1.61	8.00	H
									H
									H
									H
									H
	1408	-63.85	-13	-50.85	-74.52	-65.56	0.87	4.73	V
	2112	-58.69	-13	-45.69	-77.08	-59.61	1.17	4.24	V
	3512	-57.47	-13	-44.47	-77.72	-61.73	1.61	8.01	V
									V
									V
									V
									V



LTE Band 12 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Highest	1412	-64.62	-13	-51.62	-74.82	-66.35	0.87	4.75	H
	2118	-60.18	-13	-47.18	-75.73	-61.11	1.17	4.25	H
	2824	-59.45	-13	-46.45	-77.03	-61.57	1.39	5.66	H
									H
									H
									H
									H
	1412	-63.66	-13	-50.66	-74.33	-65.39	0.87	4.75	V
	2118	-60.55	-13	-47.55	-76.45	-61.48	1.17	4.25	V
	2824	-58.72	-13	-45.72	-77.10	-60.84	1.39	5.66	V
									V
									V
									V
									V

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

**LTE Band 26**

LTE Band 26 / 15MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1648	-63.82	-13	-50.82	-75.7	-65.58	0.98	4.89	H
	2472	-49.24	-13	-36.24	-66.45	-51.12	1.28	5.32	H
	3296	-55.87	-13	-42.87	-75.18	-59.28	1.54	7.10	H
									H
									H
									H
									H
	1648	-63.37	-13	-50.37	-75.71	-65.13	0.98	4.89	V
	2472	-55.44	-13	-42.44	-73.12	-57.32	1.28	5.32	V
	3296	-57.64	-13	-44.64	-77.47	-61.05	1.54	7.10	V
									V
									V
									V
									V
Middle	1656	-62.39	-13	-49.39	-74.41	-64.12	0.98	4.86	H
	2488	-50.12	-13	-37.12	-67.43	-52.05	1.29	5.36	H
	3320	-57.08	-13	-44.08	-76.51	-60.59	1.55	7.21	H
									H
									H
									H
									H
	1656	-63.42	-13	-50.42	-76	-65.15	0.98	4.86	V
	2488	-56.88	-13	-43.88	-74.55	-58.81	1.29	5.36	V
	3320	-57.05	-13	-44.05	-76.9	-60.56	1.55	7.21	V
									V
									V
									V
									V



LTE Band 26 / 15MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Highest	1672	-63.64	-13	-50.64	-75.86	-65.32	0.99	4.82	H
	2504	-51.73	-13	-38.73	-68.93	-53.69	1.29	5.40	H
	3336	-56.39	-13	-43.39	-75.88	-59.97	1.55	7.28	H
									H
									H
									H
									H
	1672	-63.34	-13	-50.34	-75.93	-65.02	0.99	4.82	V
	2504	-57.53	-13	-44.53	-75.18	-59.49	1.29	5.40	V
	3336	-57.84	-13	-44.84	-77.59	-61.42	1.55	7.28	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)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1328	-63.11	-13	-50.11	-73	-64.36	0.84	4.23	H
	1992	-60.29	-13	-47.29	-75.16	-60.93	1.13	3.92	H
	2656	-55.30	-13	-42.30	-72.6	-57.34	1.34	5.52	H
									H
									H
									H
									H
	1328	-63.89	-13	-50.89	-74.19	-65.14	0.84	4.23	V
	1992	-60.41	-13	-47.41	-75.6	-61.05	1.13	3.92	V
	2656	-59.03	-13	-46.03	-76.94	-61.07	1.34	5.52	V
									V
									V
									V
									V
Middle	1344	-63.81	-13	-50.81	-73.74	-65.15	0.84	4.33	H
	2016	-61.16	-13	-48.16	-76.12	-61.82	1.14	3.95	H
	2696	-57.59	-13	-44.59	-75.02	-59.64	1.35	5.56	H
									H
									H
									H
									H
	1344	-63.67	-13	-50.67	-74	-65.01	0.84	4.33	V
	2016	-60.49	-13	-47.49	-75.99	-61.15	1.14	3.95	V
	2696	-58.43	-13	-45.43	-76.51	-60.48	1.35	5.56	V
									V
									V
									V
									V



LTE Band 71 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Highest	1352	-64.51	-13	-51.51	-74.53	-65.9	0.85	4.38	H
	2032	-61.13	-13	-48.13	-76.3	-61.83	1.14	4.00	H
	2720	-56.94	-13	-43.94	-74.36	-59.01	1.36	5.58	H
									H
									H
									H
									H
	1352	-63.96	-13	-50.96	-74.42	-65.35	0.85	4.38	V
	2032	-60.68	-13	-47.68	-76.17	-61.38	1.14	4.00	V
	2720	-58.65	-13	-45.65	-76.76	-60.72	1.36	5.58	V
									V
									V
									V
									V

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



<Ant. 2>

LTE Band 41 HPUE

LTE Band 41_HPUE / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	4992	-33.07	-25	-8.07	-56.84	-40.42	2.33	9.68	H
	7494	-41.87	-25	-16.87	-69.05	-51.23	2.43	11.79	H
	9990	-43.72	-25	-18.72	-75.04	-53.23	2.69	12.21	H
									H
									H
									H
									H
	4992	-38.09	-25	-13.09	-61.68	-45.44	2.33	9.68	V
	7494	-50.13	-25	-25.13	-77.43	-59.49	2.43	11.79	V
	9990	-49.91	-25	-24.91	-81.17	-59.42	2.69	12.21	V
									V
									V
									V
									V
Middle	5166	-33.36	-25	-8.36	-57.69	-40.63	2.43	9.70	H
	7752	-46.92	-25	-21.92	-74.73	-56.52	2.35	11.95	H
	10332	-42.18	-25	-17.18	-74.59	-51.82	2.69	12.33	H
									H
									H
									H
									H
	5166	-38.62	-25	-13.62	-62.87	-45.89	2.43	9.70	V
	7752	-49.72	-25	-24.72	-77.77	-59.32	2.35	11.95	V
	10332	-46.75	-25	-21.75	-78.97	-56.39	2.69	12.33	V
									V
									V
									V
									V



LTE Band 41_HPUE / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Highest	5340	-31.12	-25	-6.12	-56.16	-38.29	2.53	9.70	H
	8016	-43.77	-25	-18.77	-72.3	-53.61	2.27	12.11	H
	10692	-35.06	-25	-10.06	-68.39	-44.81	2.69	12.44	H
									H
									H
									H
									H
	5340	-43.11	-25	-18.11	-68.09	-50.28	2.53	9.70	V
	8016	-46.29	-25	-21.29	-74.99	-56.13	2.27	12.11	V
	10692	-42.13	-25	-17.13	-75.32	-51.88	2.69	12.44	V
									V
									V
									V
									V

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

**LTE Band 41C HPUE**

LTE Band 41C_HPUE / 20MHz+20MHz / 1RB99 QPSK+1RB0 QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5028	-35.11	-25	-10.11	-58.9	-42.46	2.35	9.70	H
	7542	-47.42	-25	-22.42	-74.69	-56.83	2.42	11.83	H
	10062	-45.06	-25	-20.06	-76.58	-54.59	2.70	12.22	H
									H
									H
									H
									H
	5028	-47.76	-25	-22.76	-71.48	-55.11	2.35	9.70	V
	7542	-53.52	-25	-28.52	-81.06	-62.93	2.42	11.83	V
	10062	-49.52	-25	-24.52	-81.01	-59.05	2.70	12.22	V
									V
									V
									V
									V
Middle	5184	-35.56	-25	-10.56	-60.05	-42.82	2.44	9.70	H
	7776	-51.39	-25	-26.39	-79.23	-61.02	2.34	11.97	H
	10368	-48.49	-25	-23.49	-80.99	-58.14	2.69	12.35	H
									H
									H
									H
									H
	5184	-46.37	-25	-21.37	-70.62	-53.63	2.44	9.70	V
	7776	-52.86	-25	-27.86	-80.93	-62.49	2.34	11.97	V
	10368	-48.93	-25	-23.93	-81.14	-58.58	2.69	12.35	V
									V
									V
									V
									V



LTE Band 41C_HPUE / 20MHz+20MHz / 1RB99 QPSK+1RB0 QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Highest	5340	-32.66	-25	-7.66	-57.62	-39.83	2.53	9.70	H
	8010	-48.38	-25	-23.38	-76.88	-58.22	2.27	12.11	H
	10674	-43.78	-25	-18.78	-77.04	-53.52	2.69	12.43	H
									H
									H
									H
									H
	5340	-45.44	-25	-20.44	-70.36	-52.61	2.53	9.70	V
	8010	-51.22	-25	-26.22	-79.99	-61.06	2.27	12.11	V
	10674	-47.85	-25	-22.85	-80.94	-57.59	2.69	12.43	V
									V
									V
									V
									V

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



<Ant. 4>

LTE Band 2

LTE Band 2 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3702	-46.80	-13	-33.80	-67.78	-53.37	1.67	8.24	H
	5556	-52.64	-13	-39.64	-78.48	-59.71	2.66	9.72	H
	7404	-49.47	-13	-36.47	-76.94	-58.62	2.46	11.61	H
	9252	-46.56	-13	-33.56	-76.6	-56.62	2.54	12.60	H
									H
									H
									H
	3702	-56.82	-13	-43.82	-77.3	-63.39	1.67	8.24	V
	5556	-53.47	-13	-40.47	-79.09	-60.54	2.66	9.72	V
	7404	-52.31	-13	-39.31	-79.82	-61.46	2.46	11.61	V
	9252	-47.77	-13	-34.77	-78.57	-57.83	2.54	12.60	V
									V
									V
									V
Middle	3744	-43.27	-13	-30.27	-64.12	-49.88	1.68	8.29	H
	5616	-53.92	-13	-40.92	-79.5	-60.97	2.69	9.75	H
	7482	-51.59	-13	-38.59	-78.68	-60.92	2.44	11.76	H
									H
									H
									H
									H
	3744	-53.61	-13	-40.61	-74.52	-60.22	1.68	8.29	V
	5616	-54.96	-13	-41.96	-80.62	-62.01	2.69	9.75	V
	7482	-52.78	-13	-39.78	-80.23	-62.11	2.44	11.76	V
									V
									V
									V
									V



LTE Band 2 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Highest	3780	-43.19	-13	-30.19	-64.12	-49.83	1.69	8.34	H
	5676	-54.31	-13	-41.31	-80.17	-61.35	2.73	9.77	H
	7566	-51.82	-13	-38.82	-78.1	-61.25	2.41	11.84	H
									H
									H
									H
									H
	3780	-51.68	-13	-38.68	-72.53	-58.32	1.69	8.34	V
	5676	-54.75	-13	-41.75	-80.63	-61.79	2.73	9.77	V
	7560	-52.39	-13	-39.39	-79.99	-61.82	2.41	11.84	V
									V
									V
									V
									V

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

**LTE Band 4**

LTE Band 4 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3420	-52.65	-13	-39.65	-58.72	-58.72	1.58	7.65	H
	5136	-71.22	-13	-58.22	-78.5	-78.5	2.42	9.70	H
	6846	-70.63	-13	-57.63	-78.61	-78.61	2.64	10.62	H
	10270	-46.99	-13	-33.99	-79.07	-56.6	2.69	12.31	H
									H
									H
	3420	-38.23	-13	-25.23	-58.3	-44.3	1.58	7.65	V
	5136	-56.32	-13	-43.32	-79.97	-63.6	2.42	9.70	V
	6846	-55.92	-13	-42.92	-81.51	-63.9	2.64	10.62	V
	10270	-49.69	-13	-36.69	-81.29	-59.3	2.69	12.31	V
									V
									V
Middle	3450	-43.01	-13	-30.01	-63.2	-49.2	1.59	7.78	H
	5172	-55.24	-13	-42.24	-79.54	-62.5	2.44	9.70	H
	6894	-52.45	-13	-39.45	-78.79	-60.5	2.62	10.67	H
	8616	-50.75	-13	-37.75	-79.61	-60.9	2.40	12.55	H
	10344	-47.66	-13	-34.66	-79.67	-57.3	2.69	12.34	H
									H
									H
	3450	-48.51	-13	-35.51	-69.19	-54.7	1.59	7.78	V
	5172	-57.04	-13	-44.04	-80.67	-64.3	2.44	9.70	V
	6894	-53.15	-13	-40.15	-79.71	-61.2	2.62	10.67	V
	8618	-53.45	-13	-40.45	-81.04	-63.6	2.40	12.55	V
	10344	-50.16	-13	-37.16	-81.78	-59.8	2.69	12.34	V
									V
									V



LTE Band 4 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Highest	3474	-28.81	-13	-15.81	-49.64	-35.1	1.60	7.89	H
	5208	-50.96	-13	-37.96	-75.11	-58.2	2.46	9.70	H
	6942	-51.98	-13	-38.98	-78.66	-60.1	2.61	10.73	H
	8682	-49.24	-13	-36.24	-77.73	-59.4	2.41	12.57	H
	10417	-44.83	-13	-31.83	-77.27	-54.5	2.69	12.37	H
	15625	-41.43	-13	-28.43	-78.42	-51.7	3.86	14.13	H
									H
	3474	-34.81	-13	-21.81	-55.22	-41.1	1.60	7.89	V
	5208	-56.36	-13	-43.36	-80.35	-63.6	2.46	9.70	V
	6942	-54.08	-13	-41.08	-80.71	-62.2	2.61	10.73	V
	8682	-54.14	-13	-41.14	-80.18	-64.3	2.41	12.57	V
	10417	-49.43	-13	-36.43	-81.44	-59.1	2.69	12.37	V
	15625	-44.43	-13	-31.43	-81.65	-54.7	3.86	14.13	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)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3702	-47.09	-13	-34.09	-67.96	-53.66	1.67	8.24	H
	5556	-52.65	-13	-39.65	-78.18	-59.72	2.66	9.72	H
	7404	-48.53	-13	-35.53	-75.65	-57.68	2.46	11.61	H
	9252	-44.02	-13	-31.02	-74.23	-54.08	2.54	12.60	H
									H
									H
									H
	3702	-54.36	-13	-41.36	-75.22	-60.93	1.67	8.24	V
	5556	-51.73	-13	-38.73	-77.23	-58.8	2.66	9.72	V
	7404	-51.74	-13	-38.74	-79.07	-60.89	2.46	11.61	V
	9252	-48.98	-13	-35.98	-79.61	-59.04	2.54	12.60	V
									V
									V
									V
Middle	3744	-45.96	-13	-32.96	-66.83	-52.57	1.68	8.29	H
	5610	-55.63	-13	-42.63	-81.25	-62.69	2.69	9.74	H
	7482	-49.01	-13	-36.01	-76.17	-58.34	2.44	11.76	H
	9357	-47.53	-13	-34.53	-78.41	-57.53	2.56	12.56	H
									H
									H
									H
	3744	-53.31	-13	-40.31	-74.19	-59.92	1.68	8.29	V
	5610	-54.44	-13	-41.44	-80.04	-61.5	2.69	9.74	V
	7482	-52.42	-13	-39.42	-79.81	-61.75	2.44	11.76	V
	9357	-49.66	-13	-36.66	-80.94	-59.66	2.56	12.56	V
									V
									V
									V
									V



LTE Band 25 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Highest	3792	-46.13	-13	-33.13	-66.96	-52.78	1.70	8.35	H
	5685	-54.97	-13	-41.97	-80.87	-62.01	2.73	9.77	H
	7584	-49.79	-13	-36.79	-77.18	-59.24	2.40	11.85	H
	9483	-48.25	-13	-35.25	-79.53	-58.17	2.59	12.51	H
									H
									H
									H
	3792	-54.87	-13	-41.87	-75.74	-61.52	1.70	8.35	V
	5685	-54.97	-13	-41.97	-80.86	-62.01	2.73	9.77	V
	7584	-52.15	-13	-39.15	-79.79	-61.6	2.40	11.85	V
	9483	-48.88	-13	-35.88	-80.56	-58.8	2.59	12.51	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)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3420	-43.23	-13	-30.23	-63.55	-49.3	1.58	7.65	H
	5136	-54.82	-13	-41.82	-78.54	-62.1	2.42	9.70	H
	6846	-51.62	-13	-38.62	-77.86	-59.6	2.64	10.62	H
	8556	-49.96	-13	-36.96	-79.13	-60.1	2.39	12.52	H
	10270	-46.29	-13	-33.29	-78.21	-55.9	2.69	12.31	H
									H
									H
	3420	-53.63	-13	-40.63	-74.27	-59.7	1.58	7.65	V
	5136	-54.92	-13	-41.92	-78.8	-62.2	2.42	9.70	V
	6846	-54.72	-13	-41.72	-81.37	-62.7	2.64	10.62	V
	8556	-50.96	-13	-37.96	-80.2	-61.1	2.39	12.52	V
	10270	-49.09	-13	-36.09	-80.95	-58.7	2.69	12.31	V
									V
									V
Middle	3474	-44.81	-13	-31.81	-65.05	-51.1	1.60	7.89	H
	5208	-54.56	-13	-41.56	-78.8	-61.8	2.46	9.70	H
	6942	-51.48	-13	-38.48	-77.95	-59.6	2.61	10.73	H
	8682	-48.04	-13	-35.04	-77.12	-58.2	2.41	12.57	H
	10417	-44.83	-13	-31.83	-77.11	-54.5	2.69	12.37	H
	15625	-42.63	-13	-29.63	-79.3	-52.9	3.86	14.13	H
									H
	3474	-53.91	-13	-40.91	-74.66	-60.2	1.60	7.89	V
	5208	-55.46	-13	-42.46	-79.65	-62.7	2.46	9.70	V
	6942	-53.68	-13	-40.68	-80.32	-61.8	2.61	10.73	V
	8682	-50.24	-13	-37.24	-79.5	-60.4	2.41	12.57	V
	10417	-49.13	-13	-36.13	-81.39	-58.8	2.69	12.37	V
	15625	-43.03	-13	-30.03	-80.23	-53.3	3.86	14.13	V



LTE Band 66 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Highest	3522	-43.88	-13	-30.88	-64.82	-50.3	1.61	8.03	H
	5286	-53.90	-13	-40.90	-78.51	-61.1	2.50	9.70	H
	7044	-48.59	-13	-35.59	-75.32	-56.9	2.58	10.89	H
	8808	-46.42	-13	-33.42	-75.11	-56.6	2.44	12.62	H
	10564	-46.58	-13	-33.58	-79.06	-56.3	2.69	12.41	H
									H
									H
	3522	-53.68	-13	-40.68	-74.36	-60.1	1.61	8.03	V
	5286	-55.90	-13	-42.90	-80.34	-63.1	2.50	9.70	V
	7044	-51.59	-13	-38.59	-78.36	-59.9	2.58	10.89	V
	8808	-46.92	-13	-33.92	-75.86	-57.1	2.44	12.62	V
	10564	-48.48	-13	-35.48	-81.24	-58.2	2.69	12.41	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 / 1RB49 QPSK+1RB0 QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3438	-50.96	-13	-37.96	-70.96	-57.1	1.58	7.73	H
	5160	-56.93	-13	-43.93	-80.75	-64.2	2.43	9.70	H
	6880	-55.07	-13	-42.07	-81.51	-63.1	2.63	10.66	H
	8598	-50.66	-13	-37.66	-80.14	-60.8	2.40	12.54	H
	10312.5	-48.07	-13	-35.07	-79.87	-57.7	2.69	12.32	H
									H
									H
	3438	-44.36	-13	-31.36	-65.34	-50.5	1.58	7.73	V
	5160	-55.33	-13	-42.33	-79.3	-62.6	2.43	9.70	V
	6880	-53.67	-13	-40.67	-80.29	-61.7	2.63	10.66	V
	8598	-51.46	-13	-38.46	-80.93	-61.6	2.40	12.54	V
	10312.5	-48.87	-13	-35.87	-80.74	-58.5	2.69	12.32	V
									V
									V
Middle	3510	-48.63	-13	-35.63	-69.63	-55.03	1.61	8.01	H
	5262	-55.94	-13	-42.94	-80.68	-63.15	2.49	9.70	H
	7020	-51.21	-13	-38.21	-78.19	-59.47	2.58	10.84	H
	8772	-49.53	-13	-36.53	-78.44	-59.71	2.43	12.61	H
									H
									H
									H
	3510	-44.37	-13	-31.37	-65.22	-50.77	1.61	8.01	V
	5262	-54.58	-13	-41.58	-79.19	-61.79	2.49	9.70	V
	7020	-50.78	-13	-37.78	-77.87	-59.04	2.58	10.84	V
	8772	-50.69	-13	-37.69	-80.18	-60.87	2.43	12.61	V
									V
									V
									V
									V



LTE Band 66B / 10MHz+10MHz / 1RB49 QPSK+1RB0 QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Highest	3540	-50.77	-13	-37.77	-71.46	-57.2	1.62	8.05	H
	7080	-52.30	-13	-39.30	-79.04	-60.7	2.56	10.96	H
	8850	-47.01	-13	-34.01	-75.92	-57.2	2.45	12.64	H
									H
									H
									H
									H
	3540	-45.67	-13	-32.67	-65.88	-52.1	1.62	8.05	V
	7080	-50.50	-13	-37.50	-77.2	-58.9	2.56	10.96	V
	8850	-48.41	-13	-35.41	-77.48	-58.6	2.45	12.64	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 / 1RB99 QPSK+1RB0 QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3456	-49.58	-13	-36.58	-69.79	-55.8	1.59	7.81	H
	5184	-56.34	-13	-43.34	-80.56	-63.6	2.44	9.70	H
	6918	-53.62	-13	-40.62	-80.29	-61.7	2.62	10.70	H
	8646	-43.95	-13	-30.95	-77.54	-54.1	2.41	12.56	H
	10375.5	-47.54	-13	-34.54	-79.91	-57.2	2.69	12.35	H
	15562.5	-43.32	-13	-30.32	-80.16	-53.7	3.83	14.21	H
									H
	3456	-46.58	-13	-33.58	-67.04	-52.8	1.59	7.81	V
	5184	-54.24	-13	-41.24	-78.17	-61.5	2.44	9.70	V
	6918	-53.22	-13	-40.22	-79.84	-61.3	2.62	10.70	V
	8646	-49.85	-13	-36.85	-79	-60	2.41	12.56	V
	10375.5	-48.04	-13	-35.04	-80.25	-57.7	2.69	12.35	V
	15562.5	-44.82	-13	-31.82	-81.62	-55.2	3.83	14.21	V
									V
Middle	3510	-51.30	-13	-38.30	-71.91	-57.7	1.61	8.01	H
	7014	-51.96	-13	-38.96	-78.45	-60.2	2.59	10.83	H
	8772	-50.32	-13	-37.32	-79.21	-60.5	2.43	12.61	H
									H
									H
									H
									H
	3510	-45.80	-13	-32.80	-66.48	-52.2	1.61	8.01	V
	7014	-51.06	-13	-38.06	-77.89	-59.3	2.59	10.83	V
	8772	-50.22	-13	-37.22	-79.69	-60.4	2.43	12.61	V
									V
									V
									V
									V



LTE Band 66C / 20MHz+20MHz / 1RB99 QPSK+1RB0 QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Highest	3516	-48.99	-13	-35.99	-69.77	-55.4	1.61	8.02	H
	7038	-49.80	-13	-36.80	-76.49	-58.1	2.58	10.88	H
	8796	-48.52	-13	-35.52	-77.56	-58.7	2.44	12.62	H
									H
									H
									H
									H
	3516	-49.09	-13	-36.09	-69.8	-55.5	1.61	8.02	V
	7038	-48.00	-13	-35.00	-75.15	-56.3	2.58	10.88	V
	8796	-50.02	-13	-37.02	-79.46	-60.2	2.44	12.62	V
									V
									V
									V
									V

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