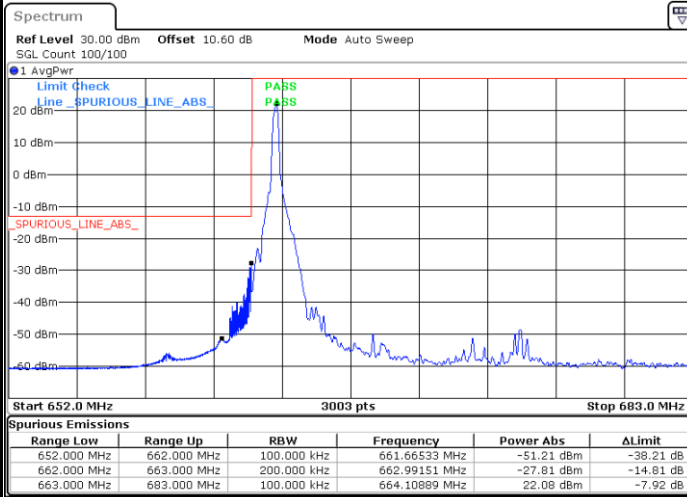




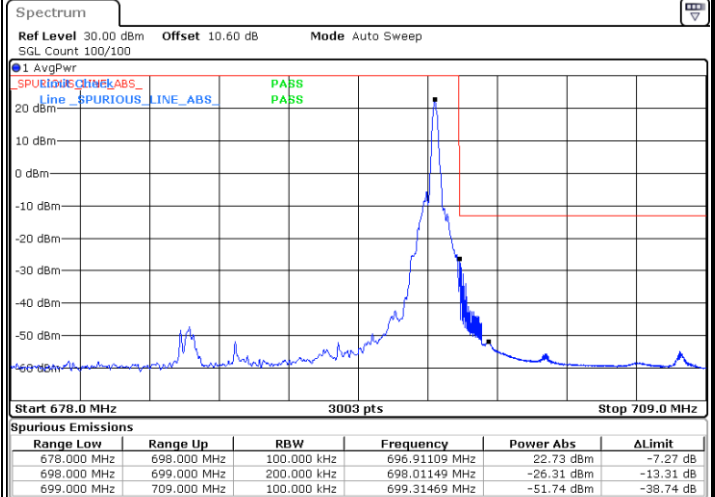
LTE Band 71 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



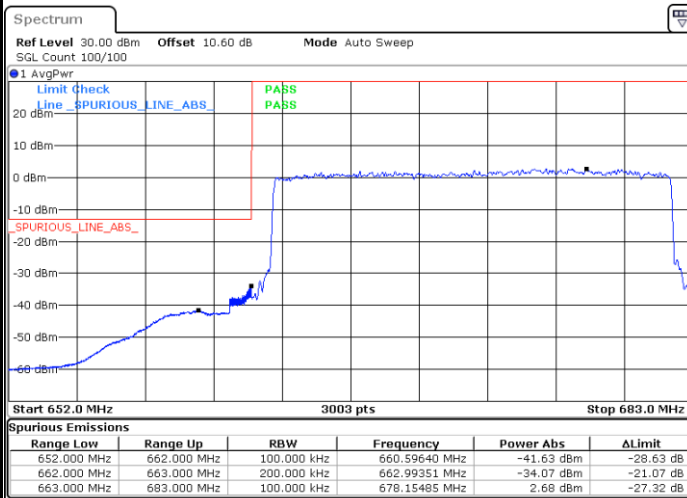
Date: 7.SEP.2022 15:22:38

Highest Band Edge / 1 RB



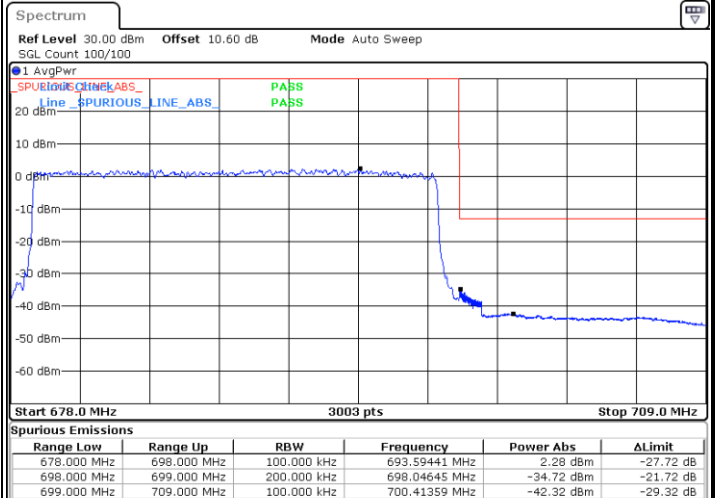
Date: 7.SEP.2022 15:29:50

Lowest Band Edge / Full RB



Date: 7.SEP.2022 15:24:25

Highest Band Edge / Full RB

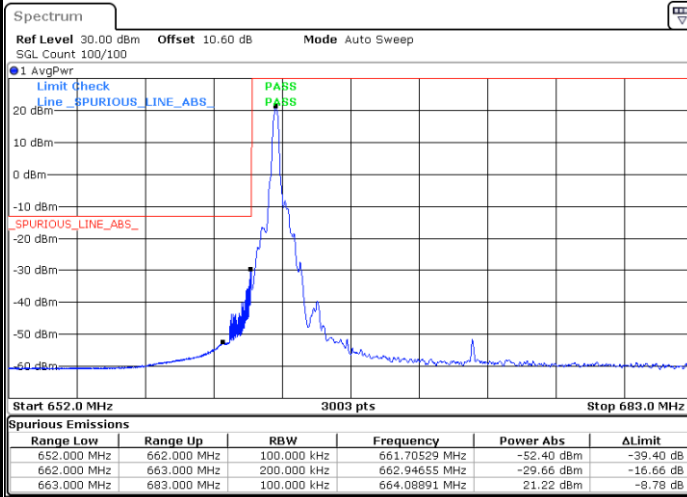


Date: 7.SEP.2022 15:30:44



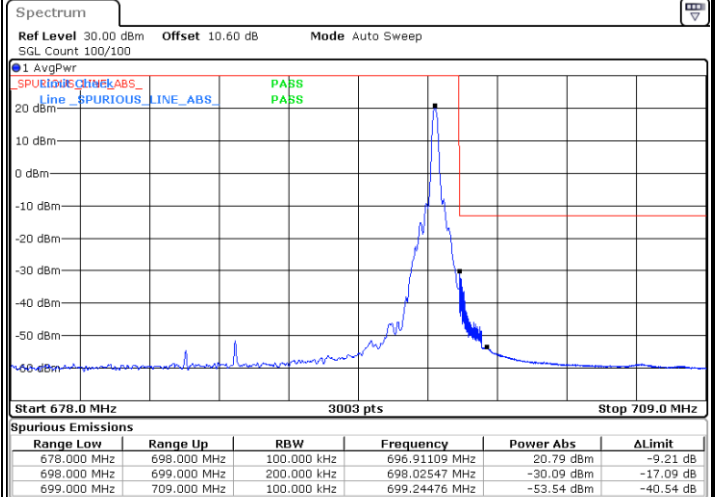
LTE Band 71 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



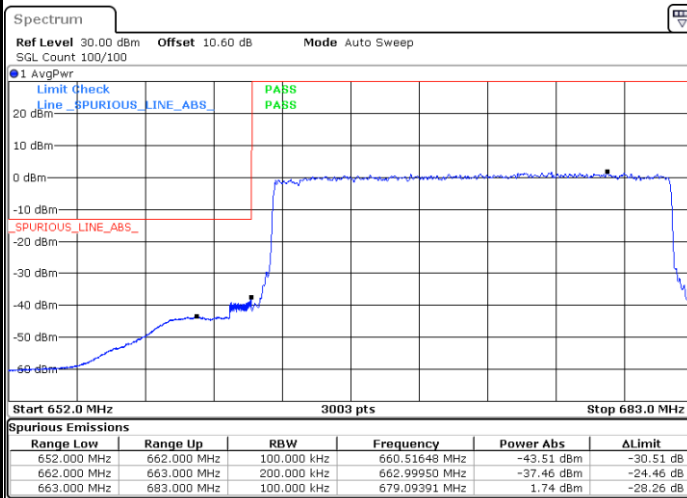
Date: 7.SEP.2022 15:33:33

Highest Band Edge / 1 RB



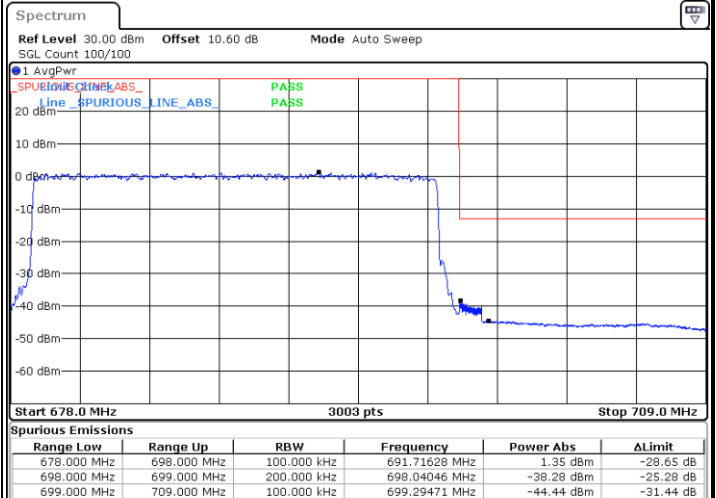
Date: 7.SEP.2022 15:36:07

Lowest Band Edge / Full RB



Date: 7.SEP.2022 15:34:27

Highest Band Edge / Full RB

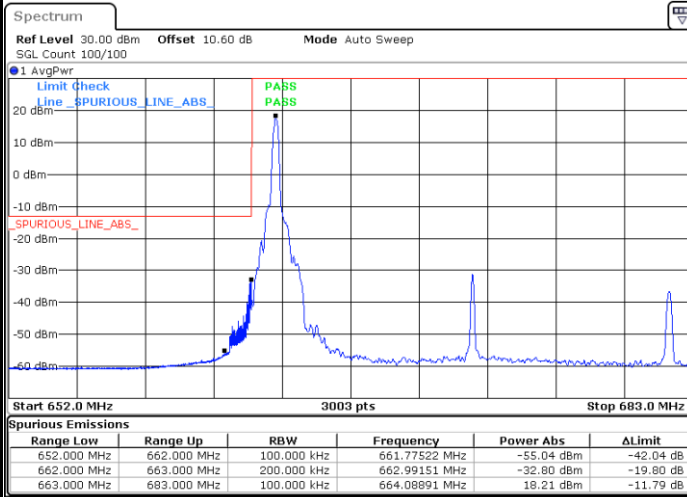


Date: 7.SEP.2022 15:37:00



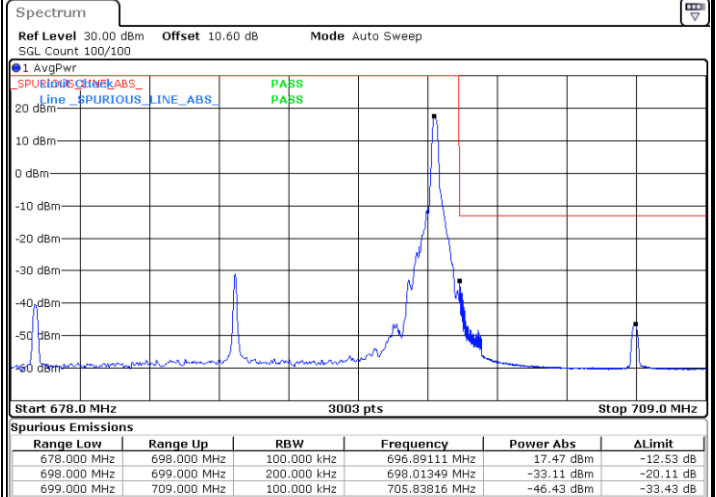
LTE Band 71 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



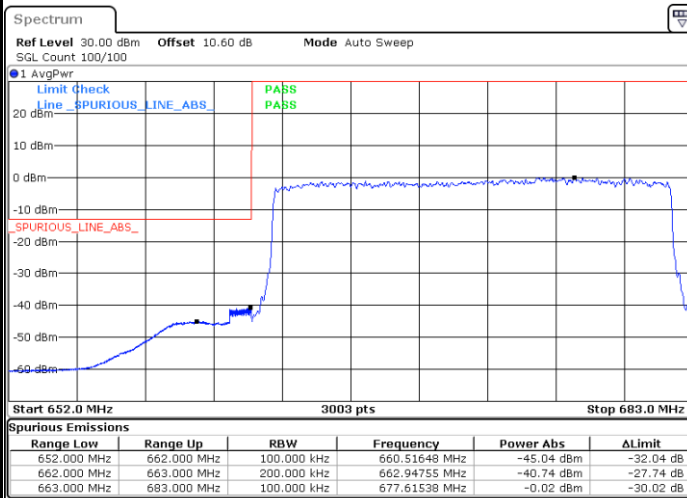
Date: 7.SEP.2022 17:01:46

Highest Band Edge / 1 RB



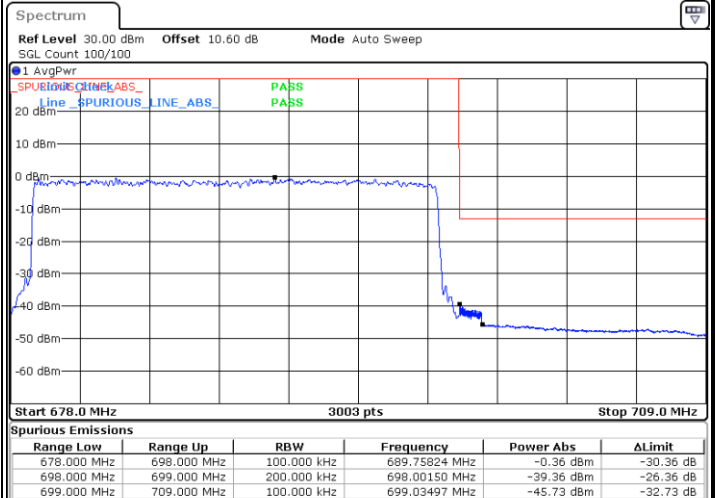
Date: 7.SEP.2022 17:05:30

Lowest Band Edge / Full RB



Date: 7.SEP.2022 17:02:42

Highest Band Edge / Full RB



Date: 7.SEP.2022 17:06:26

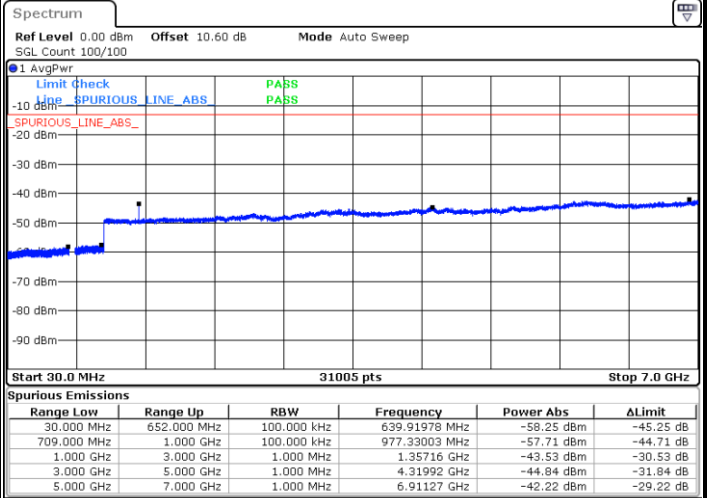
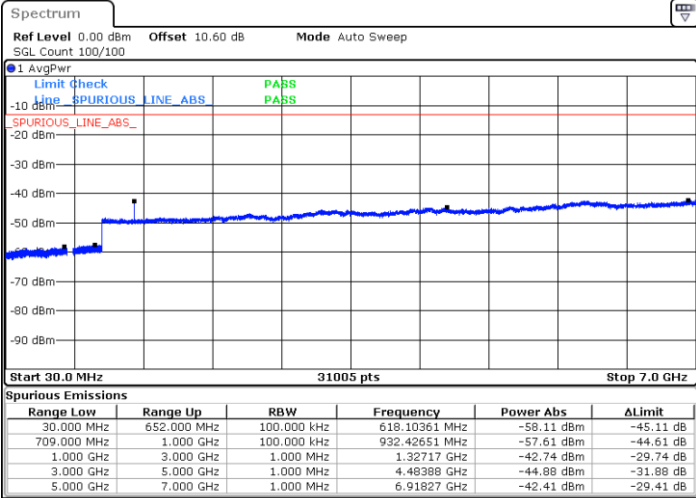


Conducted Spurious Emission

LTE Band 71 / 5MHz

Lowest Channel / QPSK

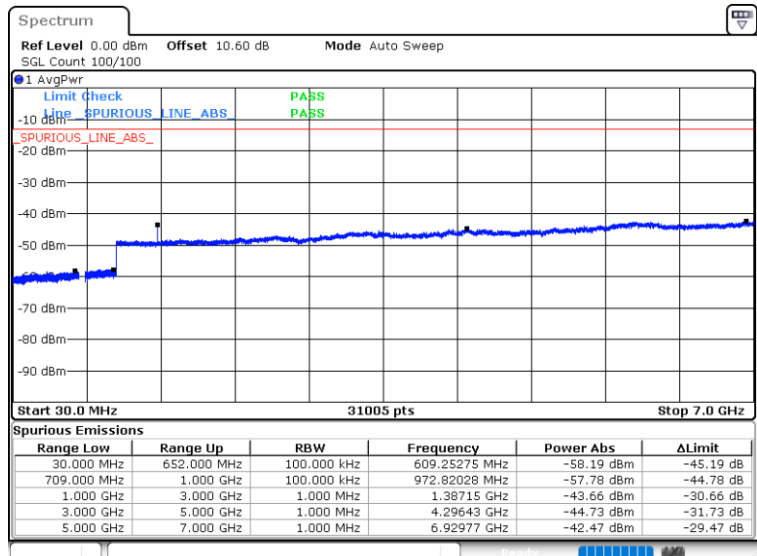
Middle Channel / QPSK



Date: 7.SEP.2022 14:36:55

Date: 7.SEP.2022 14:39:32

Highest Channel / QPSK



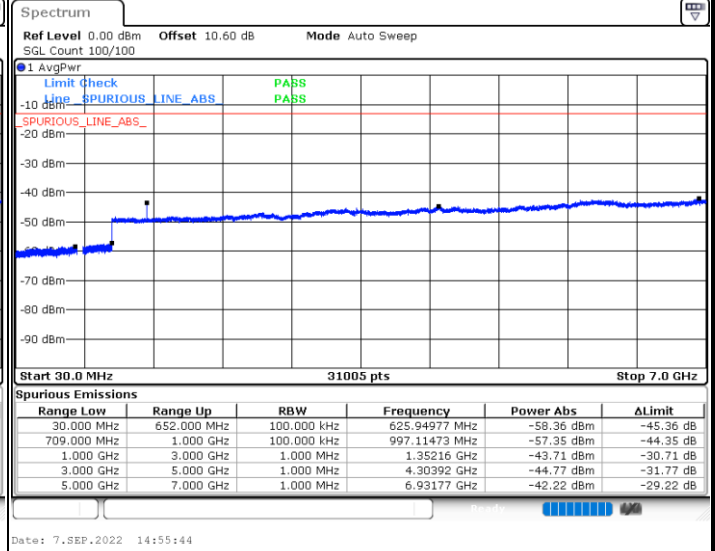
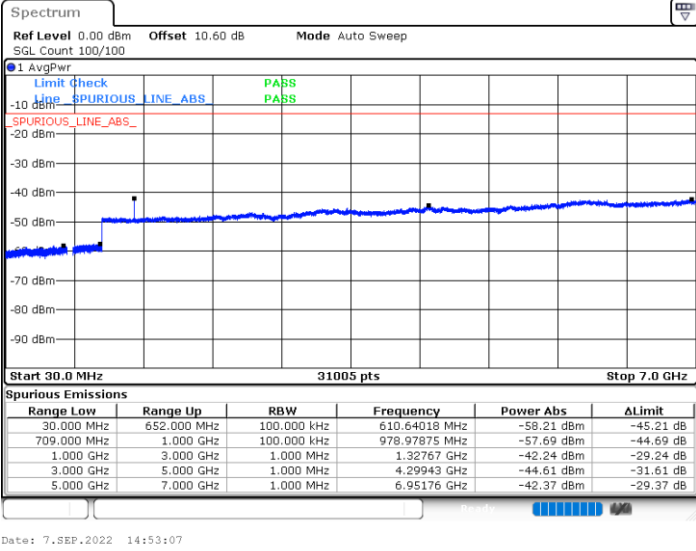
Date: 7.SEP.2022 14:44:08



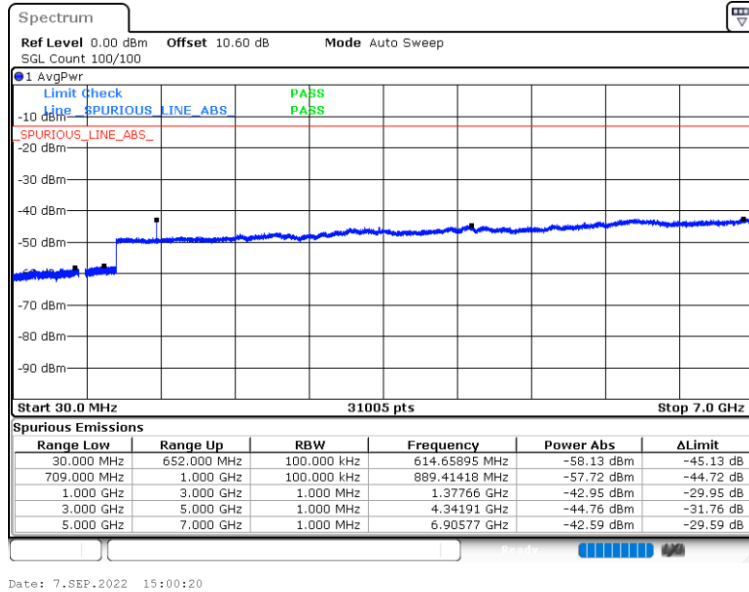
LTE Band 71 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

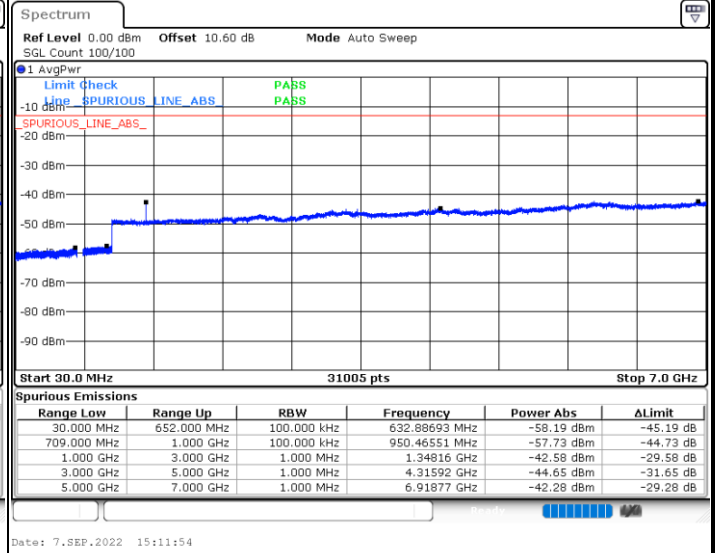
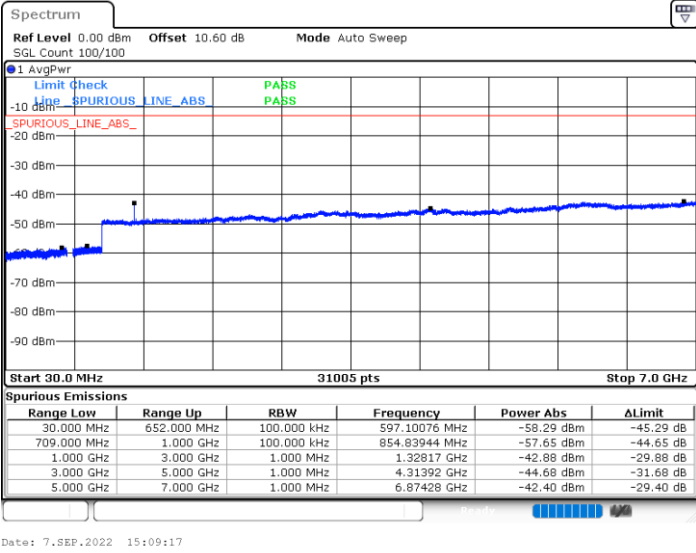




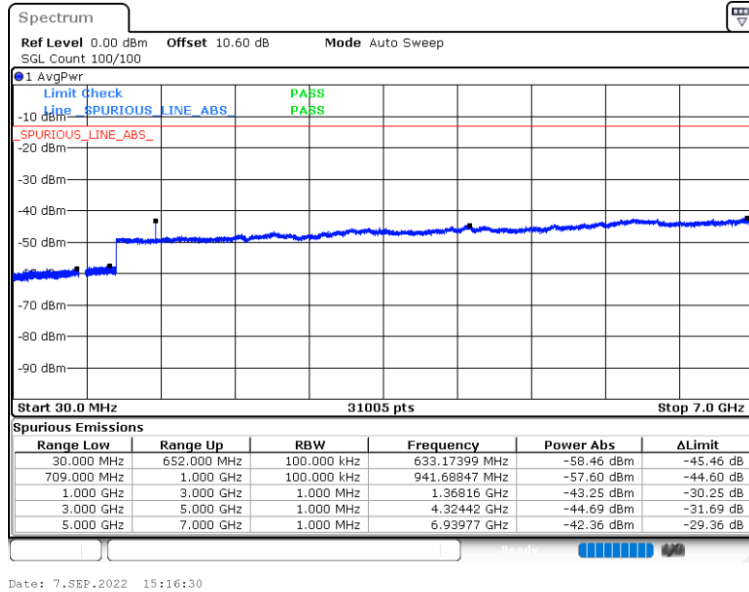
LTE Band 71 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

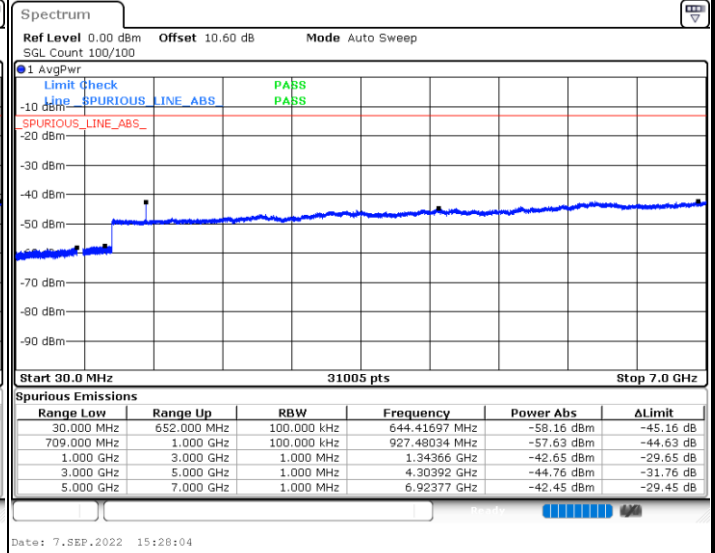
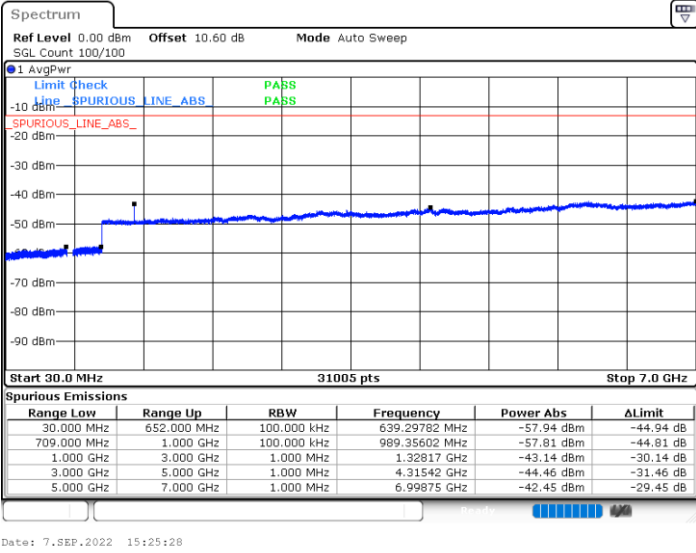




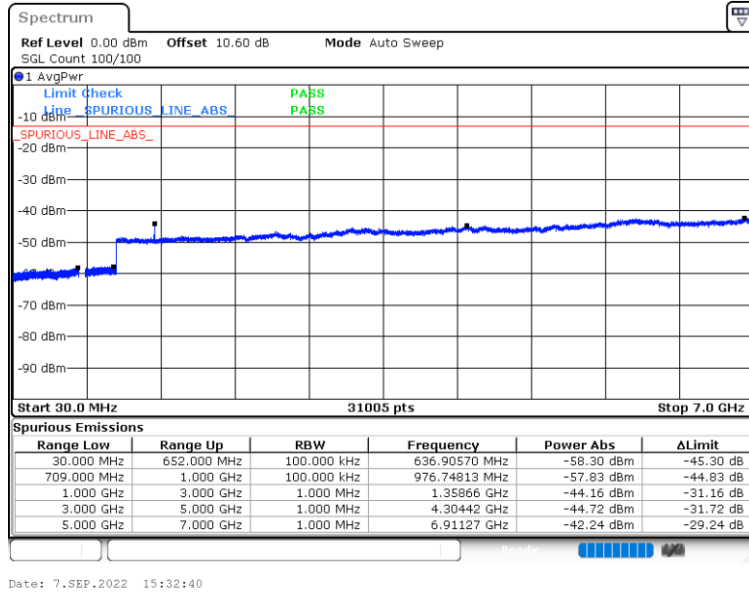
LTE Band 71 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK





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	0.0065	PASS
40	Normal Voltage	0.0148	
30	Normal Voltage	0.0151	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0056	
0	Normal Voltage	0.0157	
-10	Normal Voltage	0.0165	
-20	Normal Voltage	0.0076	
-30	Normal Voltage	0.0015	
20	Maximum Voltage	0.0013	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0068	

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

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	-55.71	-13	-42.71	-67.42	-62.12	0.81	9.37	H
	2473	-53.63	-13	-40.63	-68.37	-60.76	1.08	10.37	H
	3296	-53.61	-13	-40.61	-71.46	-62.38	1.11	12.03	H
									H
									H
									H
									H
	1648	-57.36	-13	-44.36	-68.99	-63.77	0.81	9.37	V
	2473	-56.50	-13	-43.50	-71.28	-63.63	1.08	10.37	V
	3296	-53.22	-13	-40.22	-71.37	-61.99	1.11	12.03	V
									V
									V
									V
									V



Middle	1664	-57.36	-13	-44.36	-69.09	-63.82	0.81	9.42	H
	2496	-50.02	-13	-37.02	-64.76	-57.24	1.11	10.48	H
	3328	-53.46	-13	-40.46	-71.34	-62.41	1.10	12.20	H
									H
									H
									H
									H
	1664	-59.36	-13	-46.36	-71.03	-65.82	0.81	9.42	V
	2496	-56.28	-13	-43.28	-71.07	-63.50	1.11	10.48	V
	3328	-53.01	-13	-40.01	-71.2	-61.96	1.10	12.20	V
									V
									V
									V
									V
Highest	1680	-54.22	-13	-41.22	-65.96	-60.74	0.81	9.48	H
	2518	-56.85	-13	-43.85	-71.73	-64.19	1.10	10.59	H
	3360	-53.46	-13	-40.46	-71.38	-62.59	1.10	12.38	H
									H
									H
									H
									H
	1680	-55.62	-13	-42.62	-67.33	-62.14	0.81	9.48	V
	2518	-56.87	-13	-43.87	-71.82	-64.21	1.10	10.59	V
	3360	-53.25	-13	-40.25	-71.49	-62.38	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	-54.65	-13	-41.65	-66.36	-61.06	0.81	9.37	H
	2474	-56.30	-13	-43.30	-71.04	-63.44	1.08	10.37	H
	3296	-53.68	-13	-40.68	-71.53	-62.45	1.11	12.03	H
									H
									H
									H
									H
	1648	-55.99	-13	-42.99	-67.62	-62.40	0.81	9.37	V
	2474	-56.16	-13	-43.16	-70.94	-63.30	1.08	10.37	V
	3296	-53.58	-13	-40.58	-71.73	-62.35	1.11	12.03	V
									V
									V
									V
									V
Middle	1656	-53.17	-13	-40.17	-64.89	-59.61	0.81	9.40	H
	2488	-55.85	-13	-42.85	-70.6	-63.04	1.10	10.44	H
	3328	-53.41	-13	-40.41	-71.29	-62.36	1.10	12.20	H
									H
									H
									H
									H
	1656	-53.96	-13	-40.96	-65.61	-60.40	0.81	9.40	V
	2488	-55.55	-13	-42.55	-70.35	-62.74	1.10	10.44	V
	3328	-53.30	-13	-40.30	-71.49	-62.25	1.10	12.20	V
									V
									V
									V
									V



Highest	1672	-56.09	-13	-43.09	-67.83	-62.58	0.81	9.45	H
	2504	-56.29	-13	-43.29	-71.07	-63.55	1.11	10.52	H
	3336	-53.82	-13	-40.82	-71.71	-62.81	1.10	12.25	H
									H
									H
									H
									H
	1672	-58.36	-13	-45.36	-70.06	-64.85	0.81	9.45	V
	2504	-56.49	-13	-43.49	-71.32	-63.75	1.11	10.52	V
	3336	-53.29	-13	-40.29	-71.49	-62.28	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	-47.85	-13	-34.85	-59.58	-54.31	0.81	9.42	H
	2500	-54.57	-13	-41.57	-69.31	-61.81	1.11	10.50	H
	3336	-53.31	-13	-40.31	-71.2	-62.30	1.10	12.25	H
									H
									H
									H
									H
	1664	-51.49	-13	-38.49	-63.16	-57.95	0.81	9.42	V
	2500	-54.77	-13	-41.77	-69.56	-62.01	1.11	10.50	V
	3336	-53.45	-13	-40.45	-71.65	-62.44	1.10	12.25	V
									V
									V
									V
									V
Middle	1672	-39.48	-13	-26.48	-51.22	-45.97	0.81	9.45	H
	2510	-54.76	-13	-41.76	-69.59	-62.05	1.11	10.55	H
	3344	-53.79	-13	-40.79	-71.7	-62.83	1.10	12.29	H
									H
									H
									H
									H
	1672	-42.60	-13	-29.60	-54.3	-49.09	0.81	9.45	V
	2504	-54.68	-13	-41.68	-69.57	-61.94	1.11	10.52	V
	3344	-52.67	-13	-39.67	-70.89	-61.71	1.10	12.29	V
									V
									V
									V
									V
								V	



Highest	1680	-51.61	-13	-38.61	-63.35	-58.13	0.81	9.48	H
	2520	-56.03	-13	-43.03	-70.94	-63.38	1.10	10.60	H
	3352	-53.62	-13	-40.62	-71.53	-62.70	1.10	12.34	H
									H
									H
									H
									H
	1680	-52.90	-13	-39.90	-64.61	-59.42	0.81	9.48	V
	2520	-56.55	-13	-43.55	-71.52	-63.90	1.10	10.60	V
	3352	-53.44	-13	-40.44	-71.67	-62.52	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	-51.65	-13	-38.65	-71.34	-62.52	1.23	12.10	H
	5553	-44.14	-13	-31.14	-68.33	-55.72	1.58	13.15	H
	7404	-41.56	-13	-28.56	-71.84	-51.01	1.94	11.39	H
									H
									H
									H
									H
	3702	-51.37	-13	-38.37	-71.32	-62.24	1.23	12.10	V
	5553	-36.67	-13	-23.67	-63.56	-48.25	1.58	13.15	V
	7404	-41.63	-13	-28.63	-72.01	-51.08	1.94	11.39	V
									V
									V
									V
									V
Middle	3744	-51.66	-13	-38.66	-71.33	-62.62	1.18	12.14	H
	5616	-48.03	-13	-35.03	-72.18	-59.74	1.50	13.22	H
	7482	-42.21	-13	-29.21	-72.27	-51.52	1.92	11.24	H
									H
									H
									H
									H
	3744	-51.31	-13	-38.31	-71.26	-62.27	1.18	12.14	V
	5616	-44.65	-13	-31.65	-71.63	-56.36	1.50	13.22	V
	7482	-42.43	-13	-29.43	-72.61	-51.74	1.92	11.24	V
									V
									V
									V
									V



Highest	3792	-50.23	-13	-37.23	-69.86	-61.29	1.13	12.19	H
	5688	-37.20	-13	-24.20	-61.43	-49.06	1.43	13.29	H
	7584	-42.43	-13	-29.43	-72.39	-52.08	1.89	11.54	H
									H
									H
									H
									H
	3792	-50.68	-13	-37.68	-70.63	-61.74	1.13	12.19	V
	5688	-27.98	-13	-14.98	-54.78	-39.84	1.43	13.29	V
	7584	-42.41	-13	-29.41	-72.54	-52.06	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 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	-56.32	-13.00	-43.32	-67.76	-60.59	0.78	7.20	H
	2098	-53.92	-13.00	-40.92	-67.92	-60.36	0.92	9.51	H
	2798	-54.76	-13.00	-41.76	-70.84	-62.39	1.12	10.90	H
									H
									H
									H
									H
	1399	-58.29	-13.00	-45.29	-69.81	-62.56	0.78	7.20	V
	2098	-44.87	-13.00	-31.87	-59.26	-51.31	0.92	9.51	V
	2798	-54.51	-13.00	-41.51	-71.08	-62.14	1.12	10.90	V
									V
									V
									V
									V
Middle	1402	-54.90	-13.00	-41.90	-66.34	-59.19	0.78	7.22	H
	2112	-47.79	-13.00	-34.79	-61.92	-54.15	0.93	9.44	H
	2814	-54.15	-13.00	-41.15	-70.27	-61.80	1.12	10.91	H
									H
									H
									H
									H
	1402	-57.62	-13.00	-44.62	-69.15	-61.91	0.78	7.22	V
	2112	-42.98	-13.00	-29.98	-57.57	-49.34	0.93	9.44	V
	2814	-54.15	-13.00	-41.15	-70.75	-61.80	1.12	10.91	V
									V
									V
									V
									V



Highest	1413	-57.28	-13.00	-44.28	-68.68	-61.66	0.78	7.32	H
	2119	-55.71	-13.00	-42.71	-69.91	-62.03	0.93	9.41	H
	2826	-54.60	-13.00	-41.60	-70.76	-62.26	1.11	10.93	H
									H
									H
									H
									H
	1413	-58.01	-13.00	-45.01	-69.51	-62.39	0.78	7.32	V
	2119	-55.44	-13.00	-42.44	-70.12	-61.76	0.93	9.41	V
	2826	-54.08	-13.00	-41.08	-70.69	-61.74	1.11	10.93	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	1554	-56.44	-13	-43.44	-67.84	-62.18	0.80	8.69	H
	2332	-44.05	-13	-31.05	-58.85	-50.57	0.99	9.66	H
	3109	-54.15	-13	-41.15	-71.39	-62.23	1.09	11.32	H
									H
									H
									H
									H
	1554	-57.03	-13.00	-44.03	-68.46	-62.77	0.80	8.69	V
	2332	-47.02	-13	-34.02	-62.12	-53.54	0.99	9.66	V
	3109	-53.69	-13	-40.69	-71.15	-61.77	1.09	11.32	V
									V
									V
									V
									V
Middle	1559	-56.46	-42.15	-14.31	-67.89	-62.26	0.80	8.75	H
	2339	-44.40	-13	-31.40	-59.19	-50.96	0.99	9.70	H
	3119	-53.37	-13	-40.37	-70.66	-61.46	1.09	11.34	H
									H
									H
									H
									H
	1559	-58.81	-42.15	-16.66	-70.25	-64.61	0.80	8.75	V
	2339	-47.48	-13	-34.48	-62.55	-54.04	0.99	9.70	V
	3119	-53.51	-13	-40.51	-71.03	-61.60	1.09	11.34	V
									V
									V
									V
									V



Highest	1565	-56.63	-42.15	-14.48	-68.09	-62.50	0.80	8.82	H
	2347	-44.02	-13	-31.02	-58.81	-50.62	0.99	9.74	H
	3129	-53.37	-13	-40.37	-70.72	-61.48	1.10	11.36	H
									H
									H
									H
									H
	1565	-57.49	-42.15	-15.34	-68.94	-63.36	0.80	8.82	V
	2347	-47.30	-13	-34.30	-62.33	-53.90	0.99	9.74	V
	3129	-53.37	-13	-40.37	-70.95	-61.48	1.10	11.36	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	1555	-48.15	-13	-35.15	-59.56	-53.90	0.80	8.71	H
	2332	-44.78	-13	-31.78	-59.58	-51.30	0.99	9.66	H
	3110	-53.95	-13	-40.95	-71.2	-62.03	1.09	11.32	H
									H
									H
									H
									H
	1555	-57.68	-13	-44.68	-69.11	-63.43	0.80	8.71	V
	2332	-39.93	-13	-26.93	-55.04	-46.45	0.99	9.66	V
	3110	-53.88	-13	-40.88	-71.35	-61.96	1.09	11.32	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	3422	-48.22	-13	-35.22	-67.26	-59.64	1.14	12.56	H
	5133	-46.96	-13	-33.96	-69.84	-58.32	1.30	12.67	H
	6844	-44.16	-13	-31.16	-72.48	-54.74	1.85	12.42	H
									H
									H
									H
									H
	3420	-49.82	-13	-36.82	-69.01	-61.25	1.13	12.56	V
	5135	-48.21	-13	-35.21	-71.91	-59.57	1.30	12.67	V
	6844	-43.56	-13	-30.56	-72.63	-54.14	1.85	12.42	V
									V
									V
									V
									V
Middle	3472	-49.40	-13	-36.40	-69.19	-60.63	1.22	12.46	H
	5208	-48.63	-13	-35.63	-71.71	-60.06	1.30	12.72	H
	6944	-43.05	-13	-30.05	-71.53	-53.23	1.84	12.02	H
									H
									H
									H
									H
	3472	-51.63	-13	-38.63	-71.16	-62.86	1.22	12.46	V
	5208	-44.71	-13	-31.71	-68.78	-56.14	1.30	12.72	V
	6944	-43.24	-13	-30.24	-72.04	-53.42	1.84	12.02	V
									V
									V
									V
									V



Highest	3522	-50.49	-13	-37.49	-70.6	-61.52	1.29	12.31	H
	5283	-48.84	-13	-35.84	-72.41	-60.34	1.45	12.95	H
	7044	-43.06	-13	-30.06	-71.83	-52.91	1.84	11.69	H
									H
									H
									H
									H
	3522	-51.26	-13	-38.26	-71.02	-62.29	1.29	12.31	V
	5283	-47.49	-13	-34.49	-72.44	-58.99	1.45	12.95	V
	7044	-43.57	-13	-30.57	-72.49	-53.42	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	-40.06	-13	-27.06	-59.4	-51.41	1.17	12.52	H
	5158	-46.83	-13	-33.83	-69.77	-58.21	1.29	12.68	H
	6878	-44.23	-13	-31.23	-72.6	-54.67	1.85	12.29	H
									H
									H
									H
									H
	3441	-48.01	-13	-35.01	-67.34	-59.36	1.17	12.52	V
	5158	-37.98	-13	-24.98	-61.79	-49.36	1.29	12.68	V
	6878	-43.51	-13	-30.51	-72.49	-53.95	1.85	12.29	V
									V
									V
									V
									V
Middle	3511	-47.75	-13	-34.75	-67.92	-58.83	1.28	12.36	H
	5261	-36.75	-13	-23.75	-60.3	-48.23	1.41	12.88	H
	7018	-43.14	-13	-30.14	-71.79	-53.05	1.84	11.76	H
									H
									H
									H
									H
	3511	-49.89	-13	-36.89	-69.64	-60.97	1.28	12.36	V
	5261	-40.76	-13	-27.76	-65.53	-52.24	1.41	12.88	V
	7018	-43.19	-13	-30.19	-71.95	-53.10	1.84	11.76	V
									V
									V
									V
									V



Highest	3539	-48.18	-13	-35.18	-68.21	-59.13	1.30	12.24	H
	5308	-46.81	-13	-33.81	-70.69	-58.33	1.50	13.02	H
	7078	-43.23	-13	-30.23	-72.16	-52.99	1.84	11.61	H
									H
									H
									H
									H
	3539	-49.17	-13	-36.17	-68.98	-60.12	1.30	12.24	V
	5308	-44.52	-13	-31.52	-69.77	-56.04	1.50	13.02	V
	7078	-42.69	-13	-29.69	-71.82	-52.45	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	-50.38	-13	-37.38	-69.95	-61.67	1.20	12.49	H
	5186	-48.52	-13	-35.52	-71.51	-59.93	1.28	12.69	H
	6915	-43.84	-13	-30.84	-72.27	-54.14	1.84	12.14	H
									H
									H
									H
									H
	3457	-51.21	-13	-38.21	-70.64	-62.50	1.20	12.49	V
	5186	-45.09	-13	-32.09	-69.04	-56.50	1.28	12.69	V
	6915	-43.11	-13	-30.11	-71.99	-53.41	1.84	12.14	V
									V
									V
									V
									V
Middle	3508	-47.01	-13	-34.01	-67.19	-58.10	1.28	12.37	H
	5262	-43.92	-13	-30.92	-67.42	-55.40	1.41	12.89	H
	7016	-43.30	-13	-30.30	-71.94	-53.22	1.84	11.76	H
									H
									H
									H
									H
	3508	-51.30	-13	-38.30	-71.04	-62.39	1.28	12.37	V
	5262	-46.83	-13	-33.83	-71.54	-58.31	1.41	12.89	V
	7016	-43.36	-13	-30.36	-72.11	-53.28	1.84	11.76	V
									V
									V
									V
									V



Highest	3518	-50.36	-13	-37.36	-70.49	-61.41	1.28	12.33	H
	5277	-47.99	-13	-34.99	-71.62	-59.48	1.44	12.93	H
	7036	-43.31	-13	-30.31	-72.06	-53.18	1.84	11.71	H
									H
									H
									H
									H
	3518	-51.27	-13	-38.27	-71.03	-62.32	1.28	12.33	V
	5277	-46.74	-13	-33.74	-71.63	-58.23	1.44	12.93	V
	7036	-42.70	-13	-29.70	-71.56	-52.57	1.84	11.71	V
									V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit 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	-48.57	-25	-23.57	-71.16	-59.82	1.35	12.60	H
	7503	-42.50	-25	-17.50	-72.51	-51.79	1.92	11.21	H
	10004	-36.67	-25	-11.67	-71.71	-45.48	2.29	11.10	H
									H
									H
									H
									H
	5002	-48.02	-25	-23.02	-71.09	-59.27	1.35	12.60	V
	7503	-42.19	-25	-17.19	-72.33	-51.48	1.92	11.21	V
	10004	-37.74	-25	-12.74	-71.42	-46.55	2.29	11.10	V
									V
									V
									V
									V
Middle	5052	-48.47	-25	-23.47	-71.17	-59.76	1.33	12.63	H
	7578	-42.48	-25	-17.48	-72.45	-52.10	1.90	11.51	H
	10104	-36.68	-25	-11.68	-71.84	-45.44	2.28	11.04	H
									H
									H
									H
									H
	5052	-47.51	-25	-22.51	-70.82	-58.80	1.33	12.63	V
	7578	-42.00	-25	-17.00	-72.13	-51.62	1.90	11.51	V
	10104	-38.17	-25	-13.17	-72.13	-46.93	2.28	11.04	V
									V
									V
									V
									V



Highest	5102	-47.39	-25	-22.39	-70.2	-58.73	1.31	12.65	H
	7653	-41.82	-25	-16.82	-71.85	-51.56	1.89	11.63	H
	10204	-36.53	-25	-11.53	-71.82	-45.23	2.27	10.98	H
									H
									H
									H
									H
	5102	-47.87	-25	-22.87	-71.42	-59.21	1.31	12.65	V
	7653	-41.64	-25	-16.64	-71.88	-51.38	1.89	11.63	V
	10204	-37.64	-25	-12.64	-71.89	-46.34	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 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	5037	-48.86	-25	-23.86	-71.54	-60.14	1.34	12.62	H
	7556	-42.53	-25	-17.53	-72.5	-52.05	1.90	11.42	H
	10075	-36.58	-25	-11.58	-71.71	-45.35	2.28	11.06	H
									H
									H
									H
									H
	5037	-48.07	-25	-23.07	-71.32	-59.35	1.34	12.62	V
	7556	-41.66	-25	-16.66	-71.79	-51.18	1.90	11.42	V
	10075	-37.98	-25	-12.98	-71.85	-46.75	2.28	11.06	V
									V
									V
									V
									V
Middle	5068	-48.76	-25	-23.76	-71.49	-60.07	1.33	12.63	H
	7602	-41.87	-25	-16.87	-71.83	-51.58	1.89	11.60	H
	10136	-36.47	-25	-11.47	-71.68	-45.21	2.28	11.02	H
									H
									H
									H
									H
	5068	-48.22	-25	-23.22	-71.61	-59.53	1.33	12.63	V
	7602	-41.70	-25	-16.70	-71.83	-51.41	1.89	11.60	V
	10136	-37.94	-25	-12.94	-72	-46.68	2.28	11.02	V
									V
									V
									V
									V



Highest	5098	-48.89	-25	-23.89	-71.7	-60.22	1.32	12.65	H
	7647	-42.19	-25	-17.19	-72.2	-51.93	1.89	11.62	H
	10196	-36.65	-25	-11.65	-71.94	-45.36	2.27	10.98	H
									H
									H
									H
									H
	5098	-47.71	-25	-22.71	-71.25	-59.04	1.32	12.65	V
	7647	-42.16	-25	-17.16	-72.38	-51.90	1.89	11.62	V
	10196	-37.41	-25	-12.41	-71.65	-46.12	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	-48.68	-25	-23.68	-71.28	-59.93	1.35	12.60	H
	7491	-41.48	-25	-16.48	-71.51	-50.78	1.92	11.22	H
	9988	-36.95	-25	-11.95	-71.97	-45.75	2.29	11.09	H
									H
									H
									H
									H
	4994	-47.14	-25	-22.14	-70.19	-58.39	1.35	12.60	V
	7491	-42.40	-25	-17.40	-72.57	-51.70	1.92	11.22	V
	9988	-37.94	-25	-12.94	-71.62	-46.74	2.29	11.09	V
									V
									V
									V
									V
Middle	5168	-48.71	-25	-23.71	-71.65	-60.10	1.29	12.68	H
	7752	-41.81	-25	-16.81	-71.99	-51.60	1.88	11.68	H
	10336	-36.19	-25	-11.19	-71.63	-44.83	2.26	10.90	H
									H
									H
									H
									H
	5168	-48.13	-25	-23.13	-71.98	-59.52	1.29	12.68	V
	7752	-41.35	-25	-16.35	-71.79	-51.14	1.88	11.68	V
	10336	-37.38	-25	-12.38	-72	-46.02	2.26	10.90	V
									V
									V
									V
									V



Highest	5342	-41.02	-25	-16.02	-64.14	-52.57	1.57	13.13	H
	8013	-40.82	-25	-15.82	-72.14	-50.07	2.00	11.25	H
	10684	-36.76	-25	-11.76	-72.8	-45.22	2.23	10.69	H
									H
									H
									H
									H
	5342	-41.21	-25	-16.21	-66.82	-52.76	1.57	13.13	V
	8013	-40.38	-25	-15.38	-72.08	-49.63	2.00	11.25	V
	10684	-36.70	-25	-11.70	-72.36	-45.16	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 (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	-48.80	-25	-23.80	-71.4	-60.05	1.35	12.60	H
	7491	-42.39	-25	-17.39	-72.42	-51.69	1.92	11.22	H
	9988	-36.38	-25	-11.38	-71.4	-45.18	2.29	11.09	H
									H
									H
									H
									H
	4994	-47.52	-25	-22.52	-70.57	-58.77	1.35	12.60	V
	7491	-42.29	-25	-17.29	-72.46	-51.59	1.92	11.22	V
	9988	-37.55	-25	-12.55	-71.23	-46.35	2.29	11.09	V
									V
									V
									V
									V
Middle	5168	-49.18	-25	-24.18	-72.12	-60.57	1.29	12.68	H
	7752	-42.27	-25	-17.27	-72.45	-52.06	1.88	11.68	H
	10336	-36.80	-25	-11.80	-72.24	-45.44	2.26	10.90	H
									H
									H
									H
									H
	5168	-45.74	-25	-20.74	-69.6	-57.13	1.29	12.68	V
	7752	-41.77	-25	-16.77	-72.21	-51.56	1.88	11.68	V
	10336	-37.53	-25	-12.53	-72.15	-46.17	2.26	10.90	V
									V
									V
									V
									V



Highest	5342	-38.96	-25	-13.96	-63.08	-50.51	1.57	13.13	H
	8013	-40.38	-25	-15.38	-71.7	-49.63	2.00	11.25	H
	10684	-36.89	-25	-11.89	-72.93	-45.35	2.23	10.69	H
									H
									H
									H
									H
	5342	-41.58	-25	-16.58	-67.19	-53.13	1.57	13.13	V
	8013	-40.64	-25	-15.64	-72.34	-49.89	2.00	11.25	V
	10684	-37.11	-25	-12.11	-72.77	-45.57	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	-49.06	-25	-24.06	-71.72	-60.33	1.34	12.61	H
	7544	-42.23	-25	-17.23	-72.21	-51.70	1.91	11.38	H
	10062	-36.50	-25	-11.50	-71.61	-45.28	2.29	11.06	H
									H
									H
									H
									H
	5028	-48.71	-25	-23.71	-71.37	-59.98	1.34	12.61	V
	7544	-42.20	-25	-17.20	-72.19	-51.67	1.91	11.38	V
	10062	-36.52	-25	-11.52	-71.63	-45.30	2.29	11.06	V
									V
									V
									V
									V
Middle	5184	-48.51	-25	-23.51	-71.5	-59.92	1.29	12.69	H
	7776	-41.72	-25	-16.72	-71.93	-51.53	1.88	11.69	H
	10368	-35.89	-25	-10.89	-71.39	-44.51	2.26	10.88	H
									H
									H
									H
									H
	5184	-47.69	-25	-22.69	-71.63	-59.10	1.29	12.69	V
	7776	-41.53	-25	-16.53	-72.02	-51.34	1.88	11.69	V
	10368	-36.88	-25	-11.88	-71.61	-45.50	2.26	10.88	V
									V
									V
									V
									V



Highest	5304	-48.50	-25	-23.50	-72.34	-60.02	1.49	13.01	H
	7956	-42.26	-25	-17.26	-72.3	-51.60	1.97	11.31	H
	10602	-36.46	-25	-11.46	-72.34	-44.96	2.24	10.74	H
									H
									H
									H
									H
	5304	-47.32	-25	-22.32	-72.51	-58.84	1.49	13.01	V
	7956	-42.03	-25	-17.03	-72.27	-51.37	1.97	11.31	V
	10602	-37.18	-25	-12.18	-72.6	-45.68	2.24	10.74	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	-47.24	-13	-34.24	-68.84	-53.43	0.76	6.95	H
	1992	-34.15	-13	-21.15	-57.2	-43.26	0.89	10.00	H
	2656	-45.36	-13	-32.36	-71.07	-55.26	1.08	10.97	H
									H
									H
									H
									H
	1328	-48.61	-13	-35.61	-70.02	-54.80	0.76	6.95	V
	1992	-30.60	-13	-17.60	-53.67	-39.71	0.89	10.00	V
	2656	-44.80	-13	-31.80	-70.73	-54.70	1.08	10.97	V
									V
									V
									V
									V
Middle	1352	-46.65	-13	-33.65	-68.2	-52.92	0.77	7.03	H
	2022	-31.12	-13	-18.12	-54.45	-40.11	0.90	9.89	H
	2696	-44.87	-13	-31.87	-70.69	-54.73	1.09	10.95	H
									H
									H
									H
									H
	1352	-48.63	-13	-35.63	-70.07	-54.90	0.77	7.03	V
	2022	-29.84	-13	-16.84	-53.28	-38.83	0.90	9.89	V
	2696	-44.54	-13	-31.54	-70.66	-54.40	1.09	10.95	V
									V
									V
									V
									V



Highest	1360	-47.94	-13	-34.94	-69.47	-54.23	0.77	7.06	H
	2037	-33.64	-13	-20.64	-57.12	-42.55	0.90	9.82	H
	2712	-45.30	-13	-32.30	-71.17	-55.15	1.09	10.94	H
									H
									H
									H
									H
	1360	-48.52	-13	-35.52	-69.98	-54.81	0.77	7.06	V
	2037	-31.58	-13	-18.58	-55.23	-40.49	0.90	9.82	V
	2712	-44.73	-13	-31.73	-70.94	-54.58	1.09	10.94	V
									V
									V
									V
									V

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



LTE Band 14

LTE Band 14 / 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	1577	-54.51	-42.15	-12.36	-66.03	-60.51	0.80	8.95	H
	2362	-51.58	-13	-38.58	-66.35	-58.25	0.99	9.81	H
	3153	-53.36	-13	-40.36	-70.87	-61.52	1.10	11.41	H
									H
									H
									H
									H
	1577	-56.49	-42.15	-14.34	-67.95	-62.49	0.80	8.95	V
	2365	-52.76	-13	-39.76	-67.72	-59.44	0.99	9.83	V
	3153	-53.34	-13	-40.34	-71.09	-61.50	1.10	11.41	V
									V
									V
									V
									V
Middle	1582	-57.55	-42.15	-15.40	-69.11	-63.60	0.80	9.00	H
	2370	-52.41	-13	-39.41	-67.17	-59.12	0.99	9.85	H
	3163	-53.13	-13	-40.13	-70.66	-61.30	1.10	11.43	H
									H
									H
									H
									H
	1582	-57.37	-42.15	-15.22	-68.84	-63.42	0.80	9.00	V
	2373	-53.02	-13	-40.02	-67.94	-59.74	0.99	9.87	V
	3163	-52.81	-13	-39.81	-70.61	-60.98	1.10	11.43	V
									V
									V
									V
									V



Highest	1590	-55.06	-42.15	-12.91	-66.66	-61.20	0.80	9.09	H
	2380	-51.81	-13	-38.81	-66.56	-58.56	1.00	9.90	H
	3173	-53.27	-13	-40.27	-70.86	-61.46	1.10	11.45	H
									H
									H
									H
									H
	1587	-56.38	-42.15	-14.23	-67.86	-62.49	0.80	9.06	V
	2380	-52.95	-13	-39.95	-67.82	-59.70	1.00	9.90	V
	3173	-52.81	-13	-39.81	-70.65	-61.00	1.10	11.45	V
									V
									V
									V
									V

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



LTE Band 14 / 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	1574	-55.21	-42.15	-13.06	-66.71	-61.17	0.80	8.91	H
	2366	-52.05	-13	-39.05	-66.82	-58.74	0.99	9.83	H
	3157	-53.40	-13	-40.40	-70.91	-61.56	1.10	11.41	H
									H
									H
									H
									H
	1574	-57.44	-42.15	-15.29	-68.9	-63.40	0.80	8.91	V
	2366	-52.99	-13	-39.99	-67.95	-59.68	0.99	9.83	V
	3157	-52.79	-13	-39.79	-70.54	-60.95	1.10	11.41	V
									V
									V
									V
									V

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