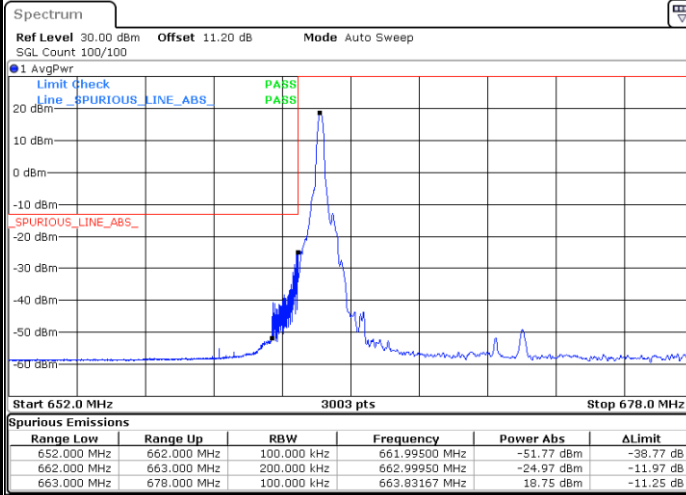


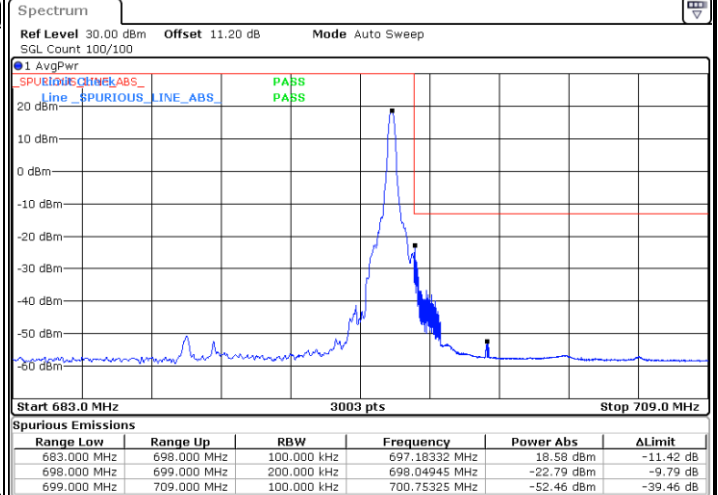


LTE Band 71 / 15MHz / 64QAM

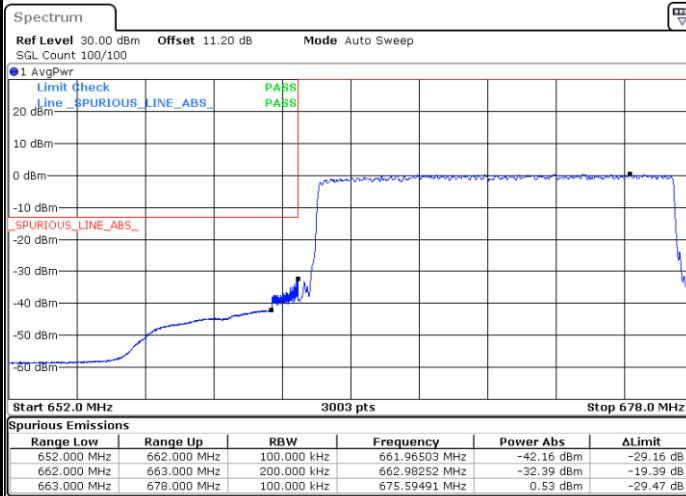
Lowest Band Edge / 1 RB



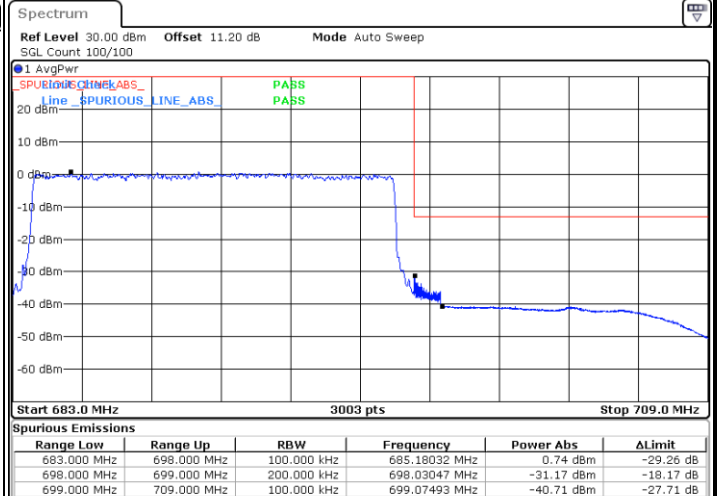
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



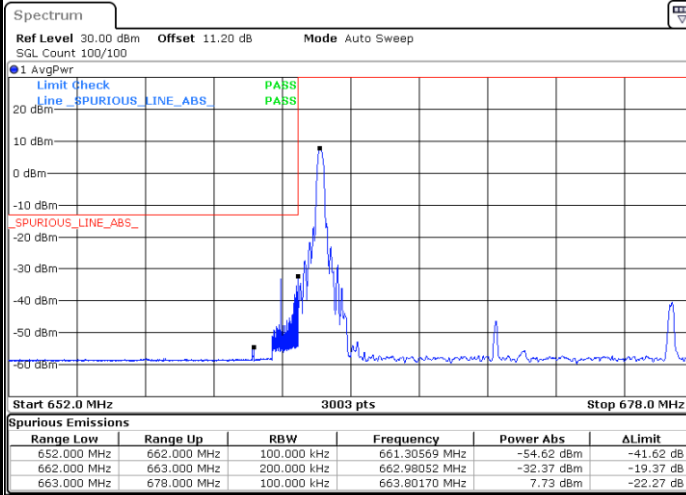
Highest Band Edge / Full RB



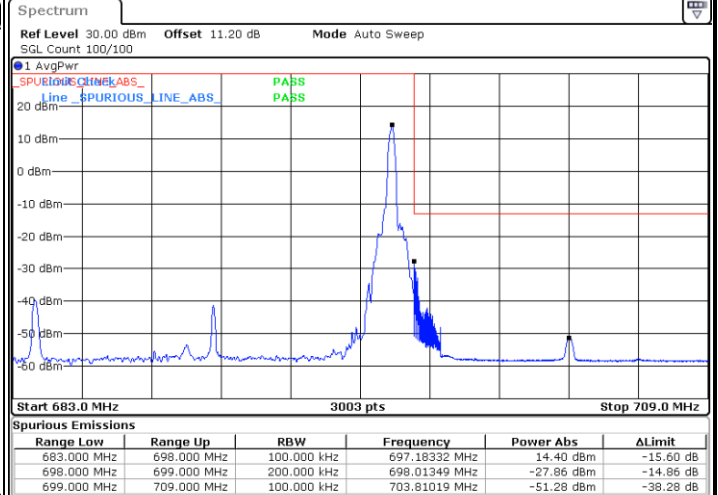


LTE Band 71 / 15MHz / 256QAM

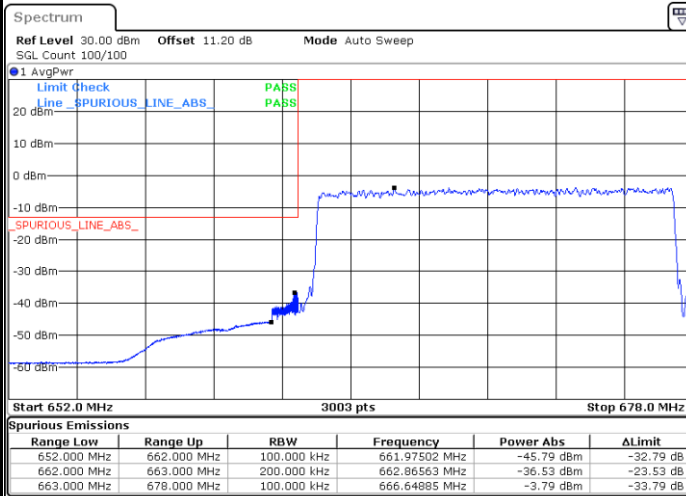
Lowest Band Edge / 1 RB



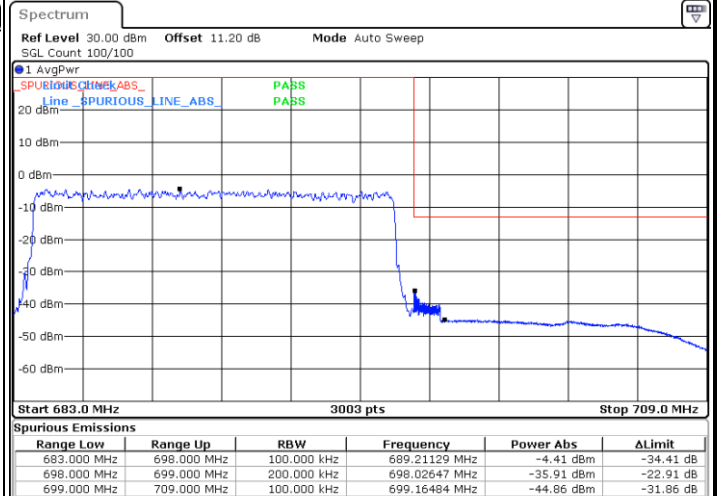
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



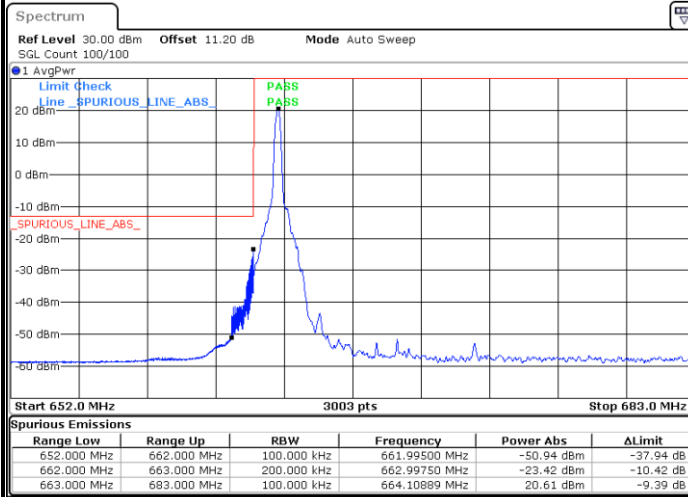
Highest Band Edge / Full RB



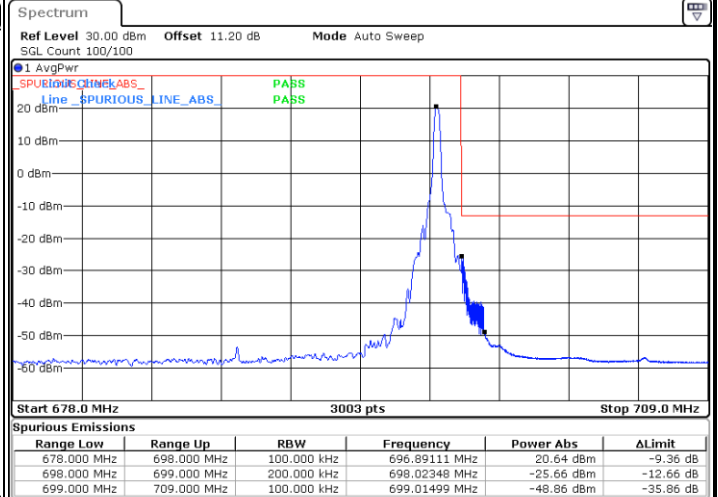


LTE Band 71 / 20MHz / QPSK

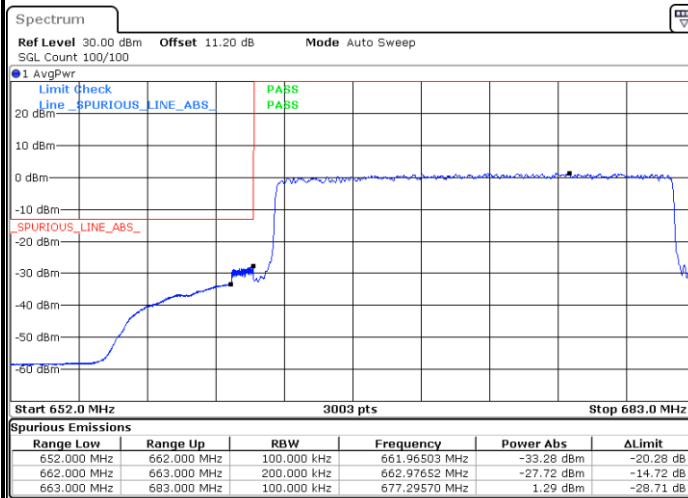
Lowest Band Edge / 1 RB



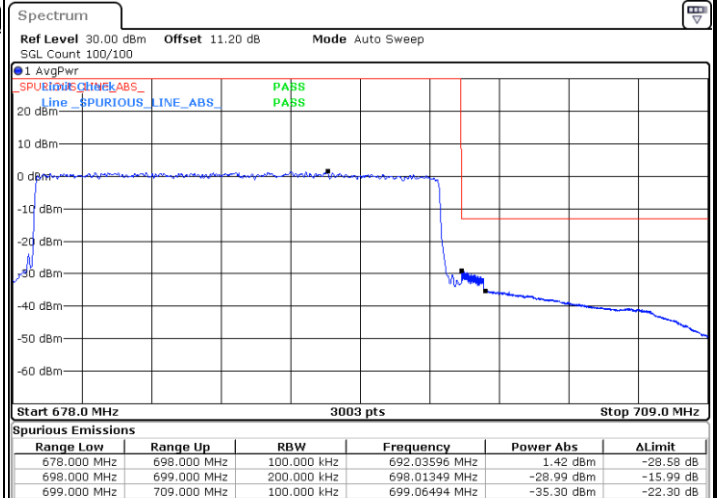
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



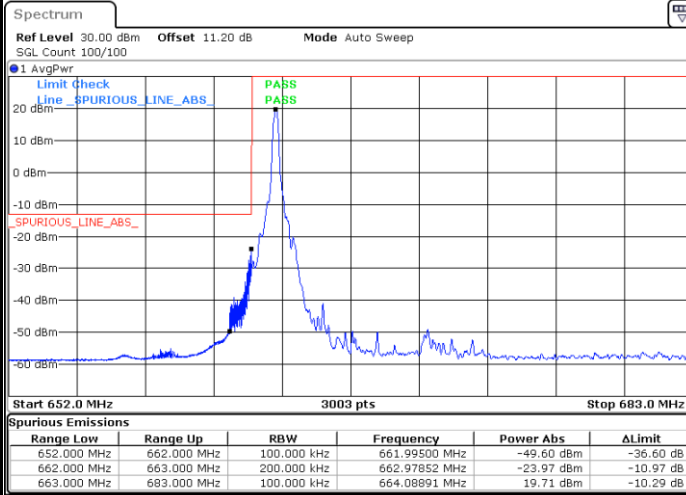
Highest Band Edge / Full RB



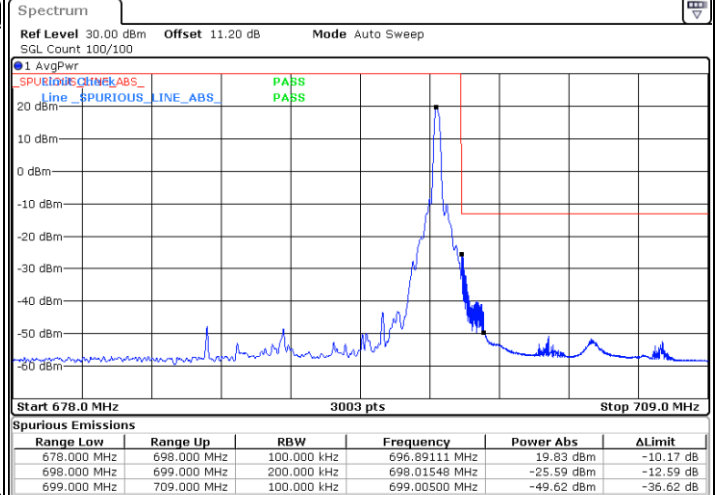


LTE Band 71 / 20MHz / 16QAM

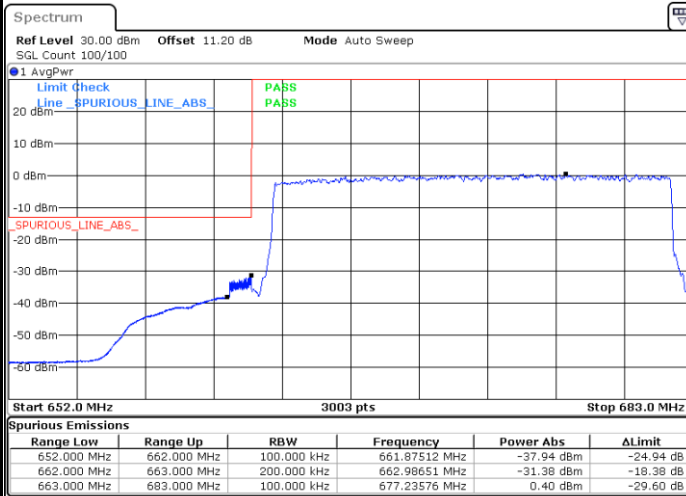
Lowest Band Edge / 1 RB



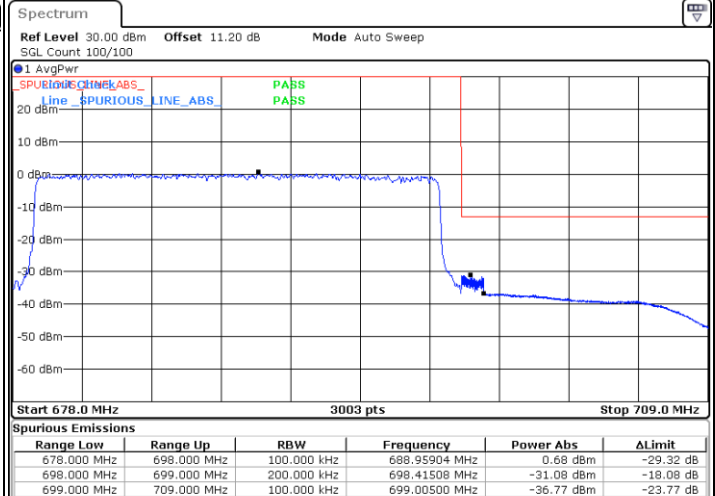
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



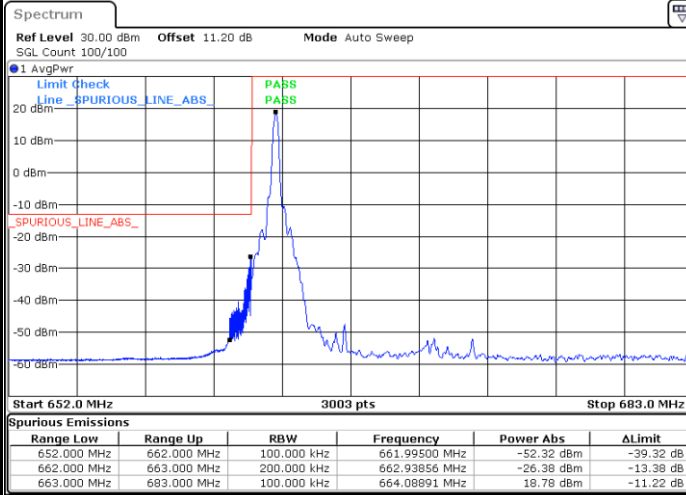
Highest Band Edge / Full RB



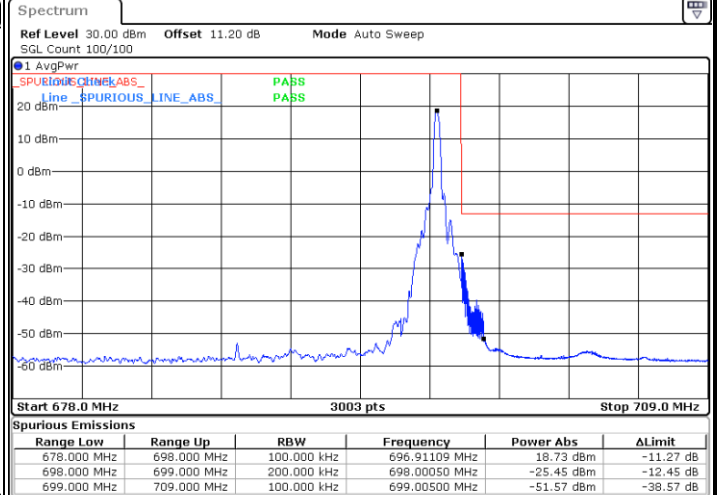


LTE Band 71 / 20MHz / 64QAM

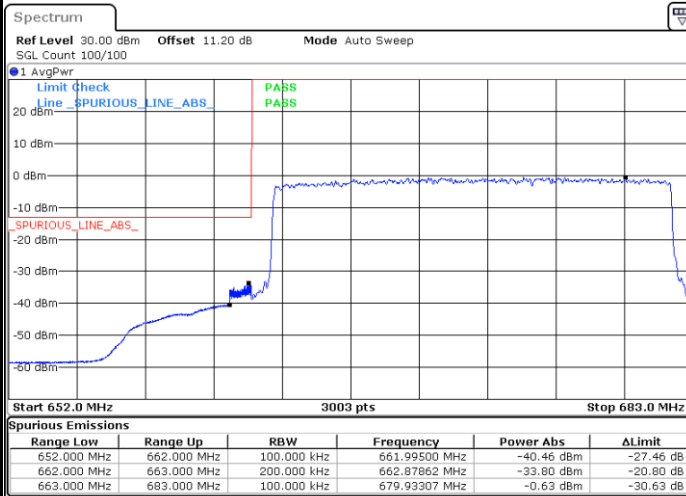
Lowest Band Edge / 1 RB



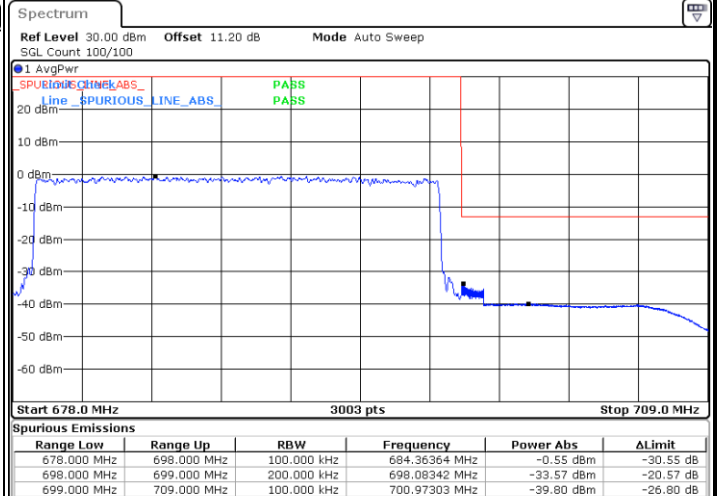
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



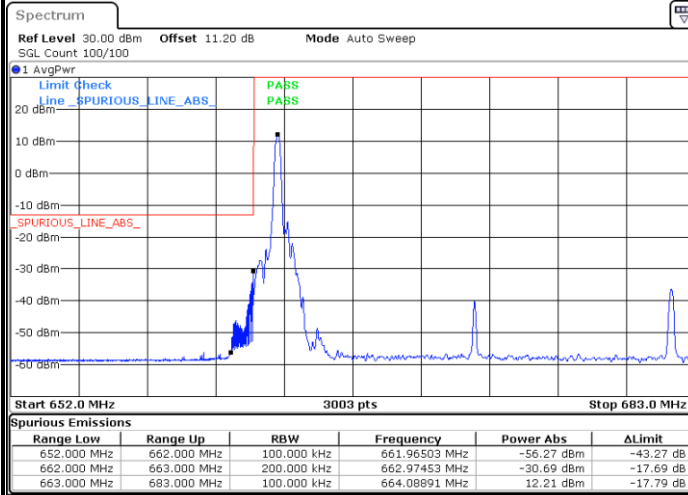
Highest Band Edge / Full RB



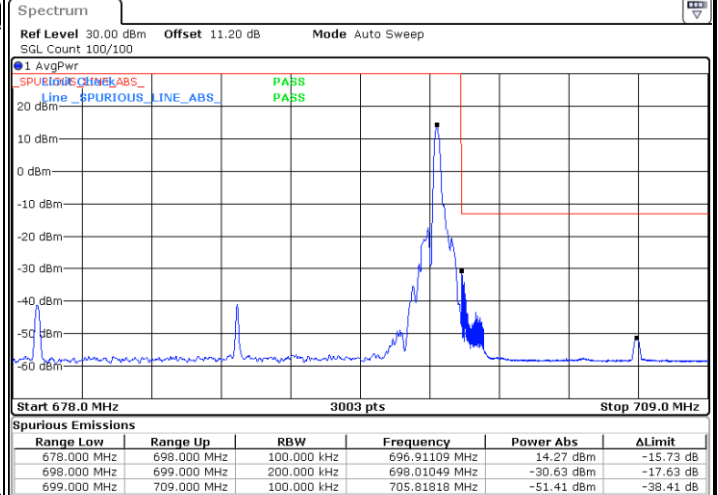


LTE Band 71 / 20MHz / 256QAM

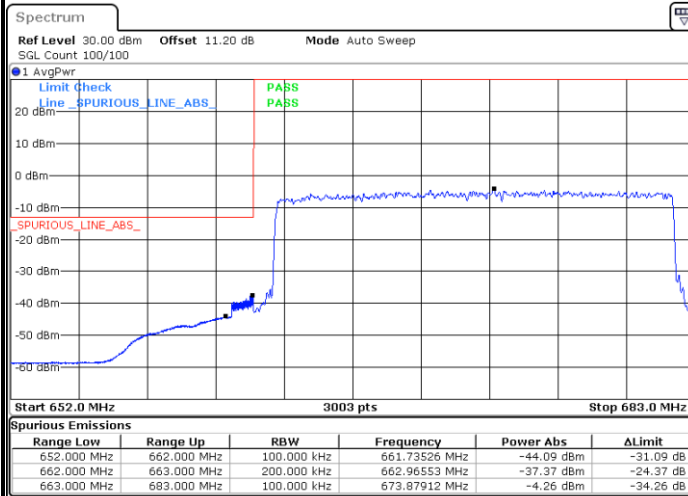
Lowest Band Edge / 1 RB



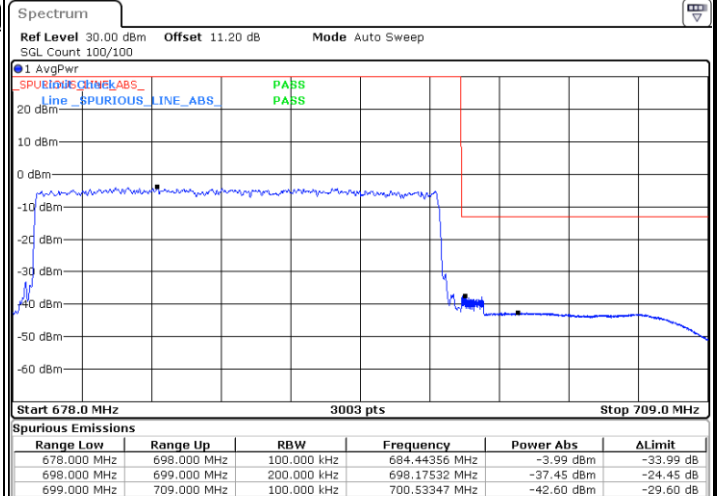
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

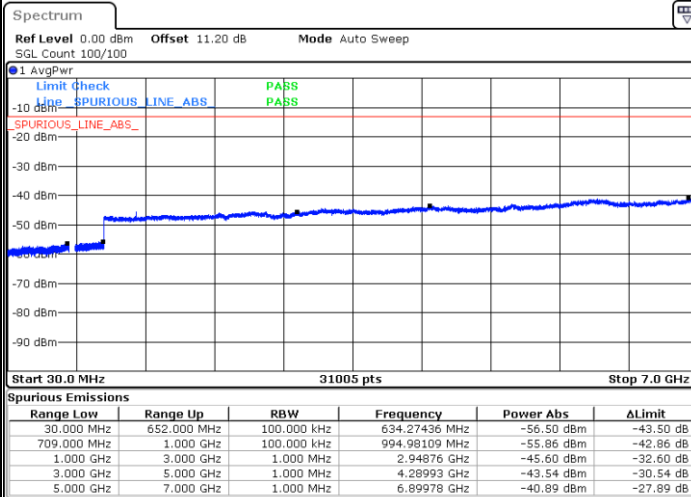




Conducted Spurious Emission

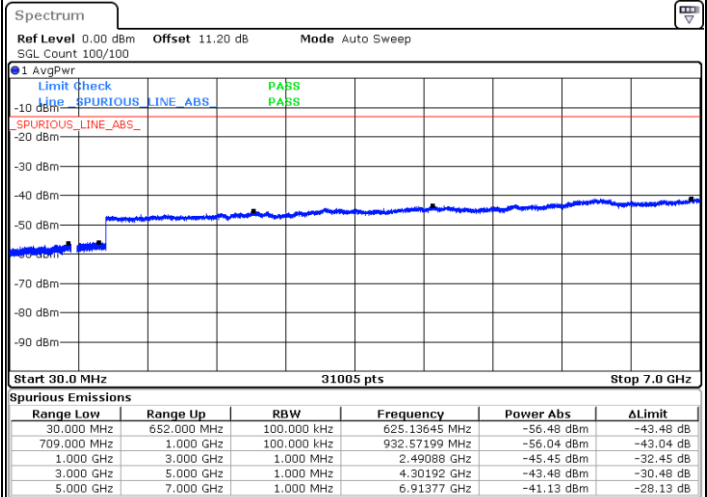
LTE Band 71 / 5MHz

Lowest Channel / QPSK



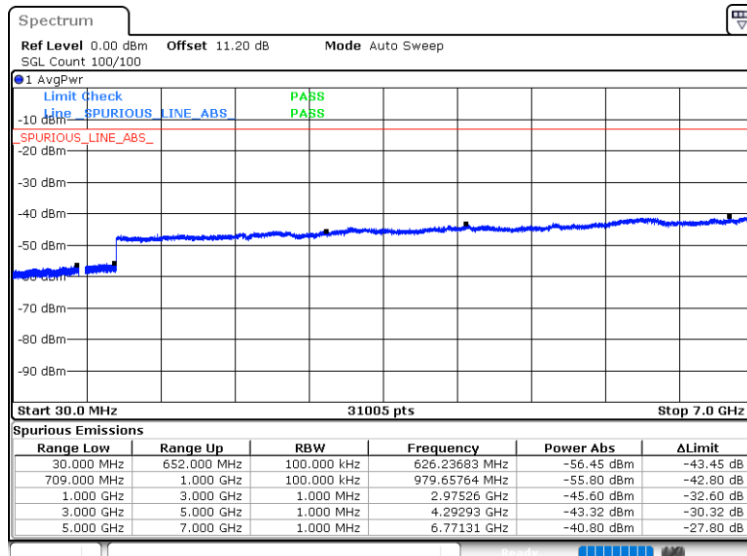
Date: 22.AUG.2022 17:33:24

Middle Channel / QPSK



Date: 22.AUG.2022 17:36:27

Highest Channel / QPSK

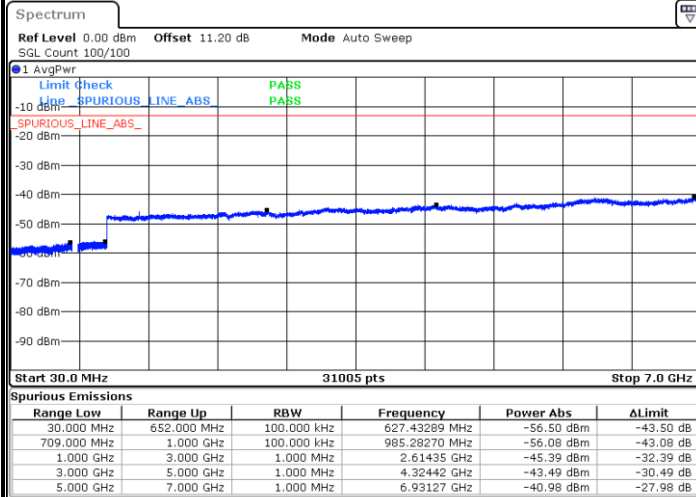


Date: 22.AUG.2022 17:41:29



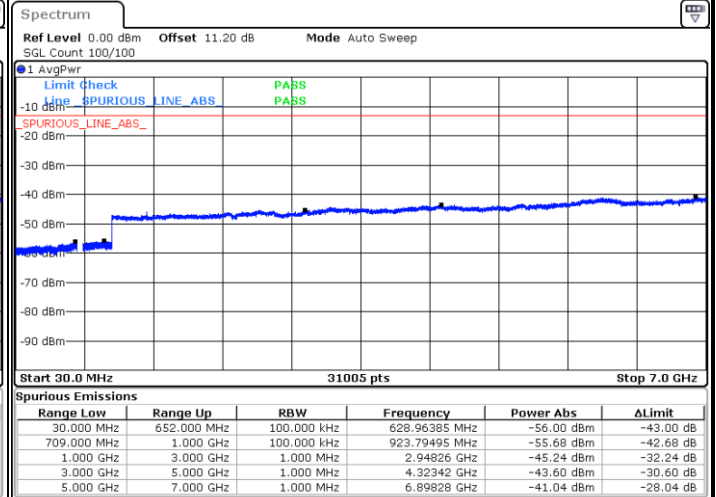
LTE Band 71 / 10MHz

Lowest Channel / QPSK



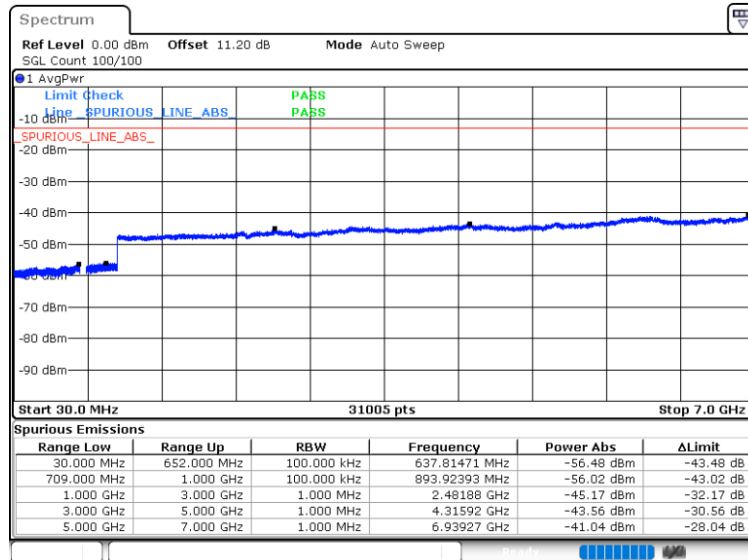
Date: 22.AUG.2022 17:51:15

Middle Channel / QPSK



Date: 22.AUG.2022 17:54:18

Highest Channel / QPSK

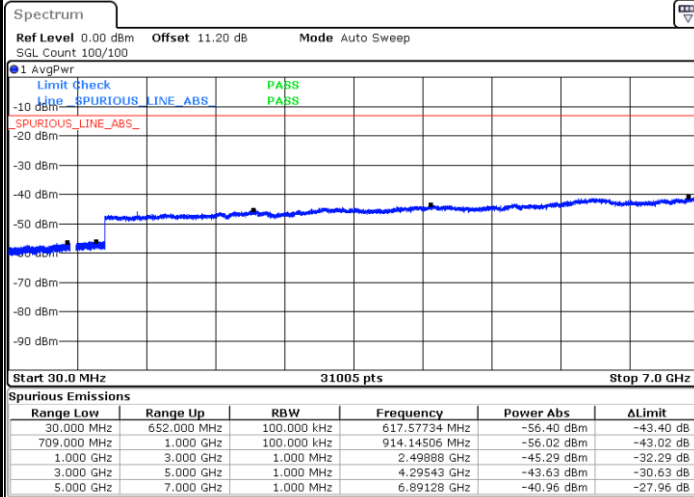


Date: 22.AUG.2022 17:59:21



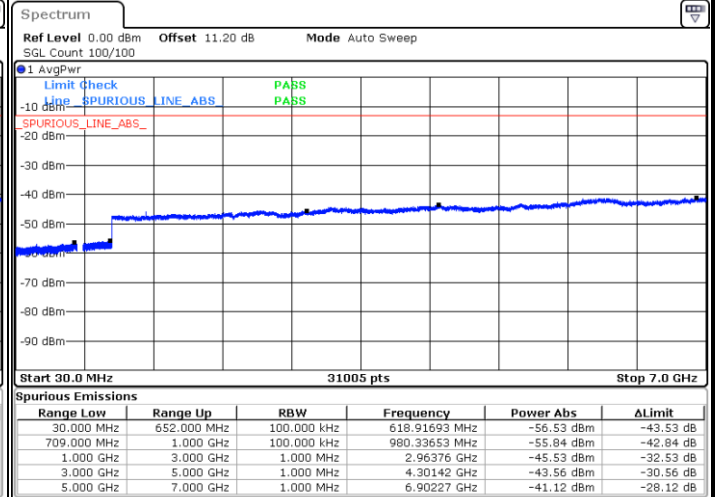
LTE Band 71 / 15MHz

Lowest Channel / QPSK



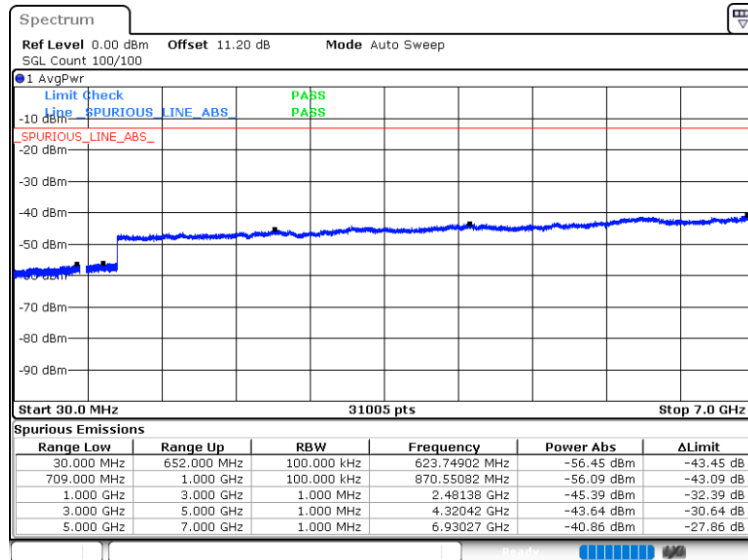
Date: 22.AUG.2022 18:09:07

Middle Channel / QPSK



Date: 22.AUG.2022 18:12:10

Highest Channel / QPSK

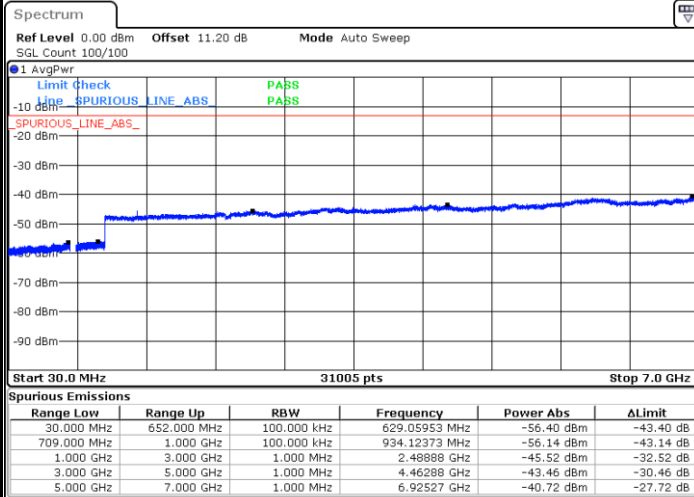


Date: 22.AUG.2022 18:17:12



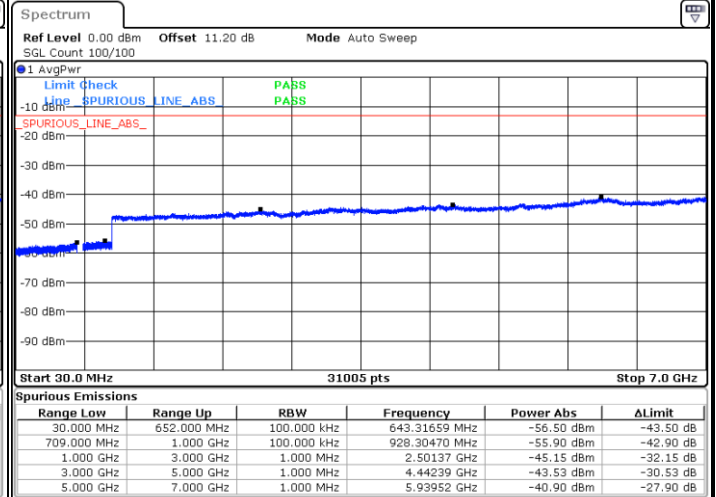
LTE Band 71 / 20MHz

Lowest Channel / QPSK



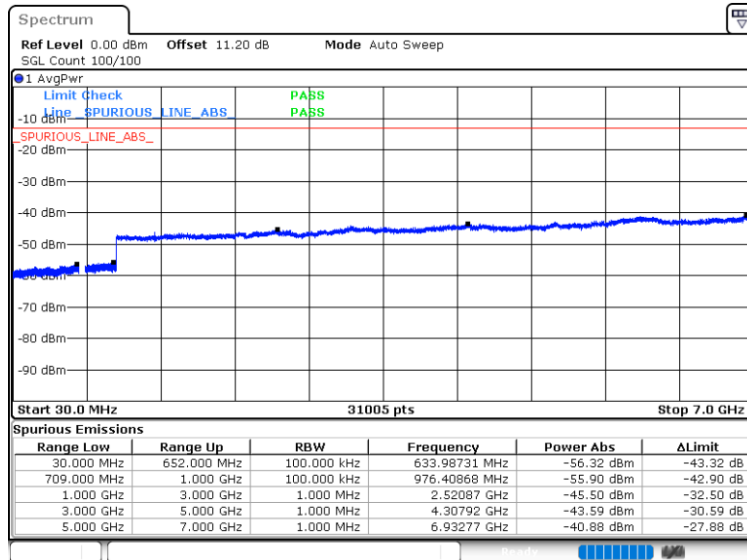
Date: 22.AUG.2022 18:26:57

Middle Channel / QPSK



Date: 22.AUG.2022 18:30:01

Highest Channel / QPSK



Date: 22.AUG.2022 18:35:03

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	0.0044	PASS
40	Normal Voltage	0.0138	
30	Normal Voltage	0.0110	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0132	
0	Normal Voltage	0.0119	
-10	Normal Voltage	0.0075	
-20	Normal Voltage	0.0088	
-30	Normal Voltage	0.0021	
20	Maximum Voltage	0.0057	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0062	

Note:

1. Normal Voltage = 3.3 V. ; Battery End Point (BEP) = 3.135 V. ; Maximum Voltage = 4.4 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 / 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	1650	-59.80	-13	-46.80	-75.83	-60.68	6.35	9.38	H
	2475	-59.12	-13	-46.12	-76.47	-59.30	8.05	10.38	H
	3299	-56.89	-13	-43.89	-76.81	-57.62	9.16	12.04	H
									H
									H
									H
	1650	-59.76	-13	-46.76	-75.78	-60.64	6.35	9.38	V
	2475	-58.99	-13	-45.99	-76.19	-59.17	8.05	10.38	V
	3299	-56.65	-13	-43.65	-76.67	-57.38	9.16	12.04	V
									V
									V
									V
Middle	1660	-59.53	-13	-46.53	-75.66	-60.42	6.37	9.41	H
	2490	-58.91	-13	-45.91	-76.21	-59.08	8.13	10.45	H
	3319	-56.46	-13	-43.46	-76.4	-57.25	9.21	12.15	H
									H
									H
									H
	1660	-59.24	-13	-46.24	-75.35	-60.13	6.37	9.41	V
	2490	-58.89	-13	-45.89	-75.99	-59.06	8.13	10.45	V
	3319	-56.15	-13	-43.15	-76.17	-56.94	9.21	12.15	V
									V
									V
									V



Highest	1670	-59.12	-13	-46.12	-75.34	-60.04	6.38	9.45	H
	2505	-58.76	-13	-45.76	-76.07	-58.97	8.17	10.53	H
	3339	-56.17	-13	-43.17	-76.13	-57.03	9.25	12.26	H
									H
									H
									H
									H
	1670	-59.19	-13	-46.19	-75.39	-60.11	6.38	9.45	V
	2505	-59.26	-13	-46.26	-76.42	-59.47	8.17	10.53	V
	3339	-55.98	-13	-42.98	-76	-56.84	9.25	12.26	V
									V
									V
									V
									V

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

**LTE CA Band 5B**

LTE CA Band 5B / 10M+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	1668	-59.18	-13	-46.18	-75.4	-60.09	6.38	9.44	H
	2500	-58.78	-13	-45.78	-76.03	-58.95	8.18	10.50	H
	3333	-56.37	-13	-43.37	-76.33	-57.21	9.24	12.23	H
									H
									H
									H
									H
	1668	-58.98	-13	-45.98	-75.18	-59.89	6.38	9.44	V
	2500	-58.67	-13	-45.67	-75.76	-58.84	8.18	10.50	V
	3333	-56.47	-13	-43.47	-76.5	-57.31	9.24	12.23	V
									V
									V
									V
									V
Middle	1675.8	-58.86	-13	-45.86	-75.18	-59.78	6.39	9.46	H
	2508	-58.73	-13	-45.73	-76.08	-58.96	8.16	10.54	H
	3344	-55.93	-13	-42.93	-75.89	-56.81	9.26	12.29	H
									H
									H
									H
									H
	1675.8	-59.33	-13	-46.33	-75.62	-60.25	6.39	9.46	V
	2508	-59.06	-13	-46.06	-76.26	-59.29	8.16	10.54	V
	3344	-55.88	-13	-42.88	-75.9	-56.76	9.26	12.29	V
									V
									V
									V
									V



Highest	1675.8	-59.09	-13	-46.09	-75.41	-60.01	6.39	9.46	H
	2515	-57.94	-13	-44.94	-75.37	-58.22	8.15	10.58	H
	3354	-56.22	-13	-43.22	-76.19	-57.13	9.29	12.35	H
									H
									H
									H
									H
	1675.8	-59.12	-13	-46.12	-75.41	-60.04	6.39	9.46	V
	2515	-58.38	-13	-45.38	-75.67	-58.66	8.15	10.58	V
	3354	-56.33	-13	-43.33	-76.36	-57.24	9.29	12.35	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	-54.04	-13	-41.04	-75.84	-56.21	9.93	12.10	H
	5553	-53.37	-13	-40.37	-77.55	-52.85	13.67	13.15	H
	7404	-46.33	-13	-33.33	-77.15	-43.77	13.95	11.39	H
									H
									H
									H
									H
	3702	-54.65	-13	-41.65	-76.33	-56.82	9.93	12.10	V
	5553	-52.31	-13	-39.31	-77.04	-51.79	13.67	13.15	V
	7404	-46.13	-13	-33.13	-77.13	-43.57	13.95	11.39	V
									V
									V
									V
									V
Middle	3742	-53.88	-13	-40.88	-75.78	-56.00	10.02	12.14	H
	5613	-52.91	-13	-39.91	-76.96	-52.19	13.93	13.21	H
	7484	-46.89	-13	-33.89	-77.27	-43.52	14.60	11.23	H
									H
									H
									H
									H
	3742	-53.96	-13	-40.96	-75.78	-56.08	10.02	12.14	V
	5613	-52.62	-13	-39.62	-77.17	-51.90	13.93	13.21	V
	7484	-46.63	-13	-33.63	-77.11	-43.26	14.60	11.23	V
									V
									V
									V
									V
									V



Highest	3792	-53.97	-13	-40.97	-75.98	-56.03	10.13	12.19	H
	5688	-52.47	-13	-39.47	-76.68	-51.95	13.81	13.29	H
	7584	-46.72	-13	-33.72	-76.56	-43.10	15.16	11.54	H
									H
									H
									H
									H
	3792	-63.68	-13	-50.68	-75.68	-65.74	10.13	12.19	V
	5688	-52.10	-13	-39.10	-76.83	-51.58	13.81	13.29	V
	7584	-46.75	-13	-33.75	-76.66	-43.13	15.16	11.54	V
									V
									V
									V
									V

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

**LTE CA Band 2C**

LTE CA Band 2C / 20M+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	3735	-53.69	-13	-40.69	-75.57	-55.82	10.01	12.14	H
	5606	-53.15	-13	-40.15	-77.19	-52.42	13.94	13.21	H
	7475	-46.56	-13	-33.56	-76.98	-43.28	14.53	11.25	H
									H
									H
									H
									H
	3735	-53.66	-13	-40.66	-75.46	-55.79	10.01	12.14	V
	5606	-52.69	-13	-39.69	-77.23	-51.96	13.94	13.21	V
	7473	-46.33	-13	-33.33	-76.88	-43.07	14.51	11.25	V
									V
									V
									V
									V
Middle	3756	-53.56	-13	-40.56	-75.49	-55.67	10.05	12.16	H
	5637	-52.95	-13	-39.95	-77.06	-52.30	13.89	13.24	H
	7516	-46.67	-13	-33.67	-76.87	-43.12	14.81	11.26	H
									H
									H
									H
									H
	3756	-54.12	-13	-41.12	-75.99	-56.23	10.05	12.16	V
	5637	-52.11	-13	-39.11	-76.73	-51.46	13.89	13.24	V
	7516	-46.68	-13	-33.68	-76.96	-43.13	14.81	11.26	V
									V
									V
									V
									V



Highest	3777	-53.55	-13	-40.55	-75.53	-55.63	10.10	12.18	H
	5667	-52.48	-13	-39.48	-76.64	-51.90	13.85	13.27	H
	7556	-46.87	-13	-33.87	-76.86	-43.27	15.02	11.42	H
									H
									H
									H
									H
	3777	-53.81	-13	-40.81	-75.76	-55.89	10.10	12.18	V
	5667	-51.91	-13	-38.91	-76.59	-51.33	13.85	13.27	V
	7556	-46.52	-13	-33.52	-76.59	-42.92	15.02	11.42	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	-55.76	-13	-42.76	-76.73	-58.91	9.41	12.56	H
	5133	-52.41	-13	-39.41	-77.05	-52.97	12.11	12.67	H
	6844	-48.59	-13	-35.59	-77.76	-47.04	13.97	12.42	H
									H
									H
									H
									H
	3422	-55.38	-13	-42.38	-76.35	-58.53	9.41	12.56	V
	5133	-52.53	-13	-39.53	-77.42	-53.09	12.11	12.67	V
	6844	-48.75	-13	-35.75	-77.75	-47.20	13.97	12.42	V
									V
									V
									V
									V
Middle	3472	-55.36	-13	-42.36	-76.6	-58.35	9.47	12.46	H
	5208	-52.64	-13	-39.64	-77.44	-53.12	12.24	12.72	H
	6944	-47.96	-13	-34.96	-77.11	-45.95	14.03	12.02	H
									H
									H
									H
									H
	3472	-55.60	-13	-42.60	76.81	-58.59	9.47	12.46	V
	5208	-52.91	-13	-39.91	-77.95	-53.39	12.24	12.72	V
	6944	-48.07	-13	-35.07	-77.07	-46.06	14.03	12.02	V
									V
									V
									V
									V



Highest	3525	-55.54	-13	-42.54	-76.97	-58.29	9.55	12.30	H
	5283	-53.38	-13	-40.38	-78.24	-53.76	12.57	12.95	H
	7044	-47.64	-13	-34.64	-76.92	-45.31	14.02	11.69	H
									H
									H
									H
									H
	3525	-55.56	-13	-42.56	-76.89	-58.31	9.55	12.30	V
	5283	-53.03	-13	-40.03	-78.27	-53.41	12.57	12.95	V
	7044	-47.74	-13	-34.74	-77.08	-45.41	14.02	11.69	V
									V
									V
									V
									V

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

**LTE CA Band 66B**

LTE CA Band 66B / 10M+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	3455	-55.11	-13	-42.11	-76.26	-58.15	9.45	12.49	H
	5185	-52.01	-13	-39.01	-76.76	-52.52	12.18	12.69	H
	6913	-47.85	-13	-34.85	-77.01	-45.99	14.01	12.15	H
									H
									H
									H
									H
	3455	-55.13	-13	-42.13	-76.27	-58.17	9.45	12.49	V
	5185	-52.03	-13	-39.03	-77.02	-52.54	12.18	12.69	V
	6913	-47.85	-13	-34.85	-76.85	-45.99	14.01	12.15	V
									V
									V
									V
									V
Middle	3525	-55.22	-13	-42.22	-76.65	-57.97	9.55	12.30	H
	5290	-52.95	-13	-39.95	-77.82	-53.32	12.60	12.97	H
	7054	-47.63	-13	-34.63	-76.93	-45.29	14.01	11.67	H
									H
									H
									H
									H
	3525	-55.37	-13	-42.37	-76.7	-58.12	9.55	12.30	V
	5290	-52.46	-13	-39.46	-77.72	-52.83	12.60	12.97	V
	7053	-47.35	-13	-34.35	-76.76	-45.01	14.01	11.67	V
									V
									V
									V
									V



Highest	3560	-55.15	-13	-42.15	-76.65	-57.68	9.63	12.16	H
	5335	-52.93	-13	-39.93	-77.84	-53.24	12.80	13.11	H
	7114	-47.18	-13	-34.18	-76.66	-44.77	13.93	11.52	H
									H
									H
									H
									H
	3560	-55.12	-13	-42.12	-76.45	-57.65	9.63	12.16	V
	5335	-52.53	-13	-39.53	-77.9	-52.84	12.80	13.11	V
	7114	-46.86	-13	-33.86	-76.72	-44.45	13.93	11.52	V
									V
									V
									V
									V

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

**LTE CA Band 66C**

LTE CA Band 66C / 20M+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	3455	-55.01	-13	-42.01	-76.16	-58.05	9.45	12.49	H
	5186	-51.94	-13	-38.94	-76.7	-52.45	12.18	12.69	H
	6915	-47.53	-13	-34.53	-76.69	-45.66	14.01	12.14	H
									H
									H
									H
									H
	3455	-54.88	-13	-41.88	-76.02	-57.92	9.45	12.49	V
	5186	-51.78	-13	-38.78	-76.77	-52.29	12.18	12.69	V
	6915	-47.68	-13	-34.68	-76.68	-45.81	14.01	12.14	V
									V
									V
									V
									V
Middle	3511	-55.43	-13	-42.43	-76.85	-58.27	9.52	12.36	H
	5262	-52.95	-13	-39.95	-77.8	-53.36	12.48	12.89	H
	7016	-46.85	-13	-33.85	-76.04	-44.56	14.05	11.76	H
									H
									H
									H
									H
	3511	-55.47	-13	-42.47	-76.82	-58.31	9.52	12.36	V
	5262	-52.75	-13	-39.75	-77.94	-53.16	12.48	12.89	V
	7016	-47.62	-13	-34.62	-76.75	-45.33	14.05	11.76	V
									V
									V
									V
									V



Highest	3518	-55.22	-13	-42.22	-76.65	-58.01	9.54	12.33	H
	5277	-52.93	-13	-39.93	-77.79	-53.32	12.54	12.93	H
	7036	-47.05	-13	-34.05	-76.3	-44.73	14.03	11.71	H
									H
									H
									H
									H
	3518	-55.10	-13	-42.10	-76.44	-57.89	9.54	12.33	V
	5277	-52.60	-13	-39.60	-77.82	-52.99	12.54	12.93	V
	7036	-47.39	-13	-34.39	-76.67	-45.07	14.03	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	-51.92	-25	-26.92	-76.24	-52.60	11.92	12.60	H
	7503	-46.68	-25	-21.68	-76.96	-43.14	14.75	11.21	H
	10004	-42.76	-25	-17.76	-76.56	-36.69	17.17	11.10	H
									H
									H
									H
									H
	5002	-51.84	-25	-26.84	-76.47	-52.52	11.92	12.60	V
	7503	-55.72	-25	-30.72	-77	-52.18	14.75	11.21	V
	10004	-43.73	-25	-18.73	-76.87	-37.66	17.17	11.10	V
									V
									V
									V
									V
Middle	5052	-51.68	-25	-26.68	-76.12	-52.32	11.99	12.63	H
	7578	-46.56	-25	-21.56	-76.43	-42.94	15.13	11.51	H
	10104	-42.72	-25	-17.72	-76.53	-36.59	17.17	11.04	H
									H
									H
									H
									H
	5052	-51.25	-25	-26.25	-75.98	-51.89	11.99	12.63	V
	7578	-46.55	-25	-21.55	-76.49	-42.93	15.13	11.51	V
	10104	-43.33	-25	-18.33	-76.6	-37.20	17.17	11.04	V
									V
									V
									V
									V



Highest	5102	-52.29	-25	-27.29	-76.86	-52.88	12.06	12.65	H
	7653	-46.51	-25	-21.51	-76.23	-43.18	14.96	11.63	H
	10204	-42.45	-25	-17.45	-76.26	-36.26	17.17	10.98	H
									H
									H
									H
									H
	5102	-52.18	-25	-27.18	-77.02	-52.77	12.06	12.65	V
	7653	-46.34	-25	-21.34	-76.13	-43.01	14.96	11.63	V
	10204	-43.17	-25	-18.17	-76.56	-36.98	17.17	10.98	V
									V
									V
									V
									V

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

**LTE CA Band 7C**

LTE CA Band 7C / 20M+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	-52.29	-25	-27.29	-76.69	-52.94	11.97	12.62	H
	7556	-46.71	-25	-21.71	-76.7	-43.11	15.02	11.42	H
	10072	-43.19	-25	-18.19	-77	-37.08	17.17	11.06	H
									H
									H
									H
									H
	5037	-51.92	-25	-26.92	-76.62	-52.57	11.97	12.62	V
	7556	-46.64	-25	-21.64	-76.71	-43.04	15.02	11.42	V
	10072	-43.78	-25	-18.78	-77.01	-37.67	17.17	11.06	V
									V
									V
									V
									V
Middle	5065	-51.83	-25	-26.83	-76.3	-52.45	12.01	12.63	H
	7602	-46.94	-25	-21.94	-76.69	-43.31	15.23	11.60	H
	10136	-43.18	-25	-18.18	-77	-37.03	17.17	11.02	H
									H
									H
									H
									H
	5065	-51.39	-25	-26.39	-76.14	-52.01	12.01	12.63	V
	7602	-46.47	-25	-21.47	-76.29	-42.84	15.23	11.60	V
	10136	-43.49	-25	-18.49	-76.81	-37.34	17.17	11.02	V
									V
									V
									V
									V



Highest	5100	-52.20	-25	-27.20	-76.77	-52.79	12.06	12.65	H
	7647	-46.59	-25	-21.59	-76.31	-43.22	14.99	11.62	H
	10192	-42.42	-25	-17.42	-76.24	-36.23	17.17	10.98	H
									H
									H
									H
									H
	5100	-51.92	-25	-26.92	-76.75	-52.51	12.06	12.65	V
	7647	-46.19	-25	-21.19	-75.98	-42.82	14.99	11.62	V
	10192	-43.18	-25	-18.18	-76.56	-36.99	17.17	10.98	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	-64.73	-25	-39.73	-58.47	-65.41	11.92	12.60	H
	7491	-60.33	-25	-35.33	-60.71	-56.89	14.66	11.22	H
	9988	-59.61	-25	-34.61	-63.33	-53.55	17.15	11.09	H
									H
									H
									H
									H
	4994	-62.69	-25	-37.69	-56.75	-63.37	11.92	12.60	V
	7491	-60.30	-25	-35.30	-60.77	-56.86	14.66	11.22	V
	9988	-60.67	-25	-35.67	-63.73	-54.61	17.15	11.09	V
									V
									V
									V
									V
Middle	5168	-63.11	-25	-38.11	-57.48	-63.63	12.16	12.68	H
	7752	-60.68	-25	-35.68	-60.75	-57.93	14.43	11.68	H
	10336	-58.42	-25	-33.42	-62.79	-52.16	17.16	10.90	H
									H
									H
									H
									H
	5168	-61.49	-25	-36.49	-56.1	-62.01	12.16	12.68	V
	7752	-60.75	-25	-35.75	-60.88	-58.00	14.43	11.68	V
	10336	-58.61	-25	-33.61	-62.72	-52.35	17.16	10.90	V
									V
									V
									V
									V



Highest	5342	-64.39	-25	-39.39	-59.18	-64.69	12.83	13.13	H
	8013	-60.30	-25	-35.30	-61.4	-56.75	14.80	11.25	H
	10684	-59.01	-25	-34.01	-63.89	-52.46	17.24	10.69	H
									H
									H
									H
									H
	5342	-60.30	-25	-35.30	-55.57	-60.60	12.83	13.13	V
	8013	-59.99	-25	-34.99	-61.1	-56.44	14.80	11.25	V
	10684	-58.78	-25	-33.78	-63.59	-52.23	17.24	10.69	V
									V
									V
									V
									V

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

**LTE CA Band 41C (HPUE)**

LTE CA Band 41C (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	5030	-63.47	-25	-38.47	-57.34	-64.13	11.96	12.62	H
	7544	-59.94	-25	-34.94	-60.09	-56.37	14.95	11.38	H
	10056	-59.17	-25	-34.17	-63.04	-53.07	17.17	11.07	H
									H
									H
									H
									H
	5030	-62.26	-25	-37.26	-56.43	-62.92	11.96	12.62	V
	7544	-60.14	-25	-35.14	-60.36	-56.57	14.95	11.38	V
	10056	-60.06	-25	-35.06	-63.33	-53.96	17.17	11.07	V
									V
									V
									V
									V
Middle	5184	-61.14	-25	-36.14	-55.57	-61.65	12.18	12.69	H
	7776	-60.65	-25	-35.65	-60.75	-58.04	14.30	11.69	H
	10368	-58.61	-25	-33.61	-63.04	-52.33	17.16	10.88	H
									H
									H
									H
									H
	5184	-58.24	-25	-33.24	-52.91	-58.75	12.18	12.69	V
	7776	-60.71	-25	-35.71	-60.87	-58.10	14.30	11.69	V
	10368	-59.06	-25	-34.06	-63.27	-52.78	17.16	10.88	V
									V
									V
									V
									V



Highest	5338	-64.78	-25	-39.78	-59.56	-65.08	12.81	13.11	H
	8007	-60.47	-25	-35.47	-61.57	-56.91	14.79	11.23	H
	10672	-58.78	-25	-33.78	-63.64	-52.24	17.24	10.70	H
									H
									H
									H
									H
	5338	-60.31	-25	-35.31	-55.56	-60.61	12.81	13.11	V
	8007	-60.35	-25	-35.35	-61.45	-56.79	14.79	11.23	V
	10672	-59.15	-25	-34.15	-63.95	-52.61	17.24	10.70	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	-59.92	-13	-46.92	-74.71	-59.16	5.81	7.20	H
	2099	-58.45	-13	-45.45	-75.70	-58.66	7.15	9.51	H
	2798	-57.45	-13	-44.45	-75.87	-57.62	8.58	10.90	H
									H
									H
									H
									H
	1399	-59.55	-13	-46.55	-74.73	-58.79	5.81	7.20	V
	2099	-58.79	-13	-45.79	-76.08	-59.00	7.15	9.51	V
	2798	-57.27	-13	-44.27	-75.58	-57.44	8.58	10.90	V
									V
									V
									V
									V
Middle	1406	-59.75	-13	-46.75	-74.55	-59.01	5.84	7.25	H
	2109	-58.67	-13	-45.67	-76.04	-58.81	7.17	9.46	H
	2812	-57.76	-13	-44.76	-76.23	-57.93	8.59	10.91	H
									H
									H
									H
									H
	1406	-59.76	-13	-46.76	-74.91	-59.02	5.84	7.25	V
	2109	-58.39	-13	-45.39	-75.81	-58.53	7.17	9.46	V
	2812	-58.05	-13	-45.05	-76.39	-58.22	8.59	10.91	V
									V
									V
									V
									V



Highest	1413	-60.00	-13	-47.00	-74.81	-59.30	5.87	7.32	H
	2120	-58.51	-13	-45.51	-76.00	-58.57	7.19	9.40	H
	2826	-57.54	-13	-44.54	-76.06	-57.72	8.60	10.93	H
									H
									H
									H
									H
	1413	-59.29	-13	-46.29	-74.41	-58.59	5.87	7.32	V
	2120	-58.42	-13	-45.42	-75.99	-58.48	7.19	9.40	V
	2826	-57.77	-13	-44.77	-76.13	-57.95	8.60	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	1555	-60.06	-13	-47.06	-75.25	-60.34	6.28	8.71	H
	2332	-58.33	-13	-45.33	-76.25	-58.30	7.54	9.66	H
	3109	-56.85	-13	-43.85	-76.37	-57.21	8.81	11.32	H
									H
									H
									H
									H
	1555	-59.92	-13	-46.92	-75.05	-60.20	6.28	8.71	V
	2332	-58.39	-13	-45.39	-76.29	-58.36	7.54	9.66	V
	3109	-57.06	-13	-44.06	-76.48	-57.42	8.81	11.32	V
									V
									V
									V
									V
Middle	1560	-60.21	-42.15	-18.06	-75.43	-60.54	6.28	8.76	H
	2340	-58.61	-13	-45.61	-76.49	-58.61	7.55	9.70	H
	3119	-56.45	-13	-43.45	-76.02	-56.81	8.83	11.34	H
									H
									H
									H
									H
	1560	-59.99	-42.15	-17.84	-75.17	-60.32	6.28	8.76	V
	2340	-58.49	-13	-45.49	-76.34	-58.49	7.55	9.70	V
	3119	-56.23	-13	-43.23	-75.73	-56.59	8.83	11.34	V
									V
									V
									V
									V



Highest	1565	-60.32	-42.15	-18.17	-75.57	-60.71	6.28	8.82	H
	2347	-58.48	-13	-45.48	-76.34	-58.51	7.56	9.74	H
	3129	-56.81	-13	-43.81	-76.41	-57.18	8.84	11.36	H
									H
									H
									H
									H
	1565	-60.38	-42.15	-18.23	-76.60	-60.77	6.28	8.82	V
	2347	-58.58	-13	-45.58	-76.40	-58.61	7.56	9.74	V
	3129	-56.32	-13	-43.32	-75.87	-56.69	8.84	11.36	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	-60.13	-13	-47.13	-74.73	-59.30	5.63	6.95	H
	1992	-59.70	-13	-46.70	-75.95	-60.60	6.95	10.00	H
	2656	-57.48	-13	-44.48	-75.97	-58.15	8.15	10.97	H
									H
									H
									H
									H
	1328	-60.35	-13	-47.35	-74.94	-59.52	5.63	6.95	V
	1992	-59.83	-13	-46.83	-75.93	-60.73	6.95	10.00	V
	2656	-57.67	-13	-44.67	-76.10	-58.34	8.15	10.97	V
									V
									V
									V
									V
Middle	1352	-59.87	-13	-46.87	-74.53	-59.06	5.69	7.03	H
	2022	-59.89	-13	-46.89	-76.32	-60.63	7.00	9.89	H
	2696	-57.84	-13	-44.84	-76.31	-58.37	8.27	10.95	H
									H
									H
									H
									H
	1352	-59.87	-13	-46.87	-74.66	-59.06	5.69	7.03	V
	2022	-59.86	-13	-46.86	-76.18	-60.60	7.00	9.89	V
	2696	-58.05	-13	-45.05	-76.44	-58.58	8.27	10.95	V
									V
									V
									V
									V



Highest	1360	-59.97	-13	-46.97	-74.64	-59.17	5.71	7.06	H
	2037	-59.43	-13	-46.43	-76.01	-60.07	7.03	9.82	H
	2716	-57.76	-13	-44.76	-76.21	-58.22	8.33	10.94	H
									H
									H
									H
									H
	1360	-60.03	-13	-47.03	-74.87	-59.23	5.71	7.06	V
	2037	-59.44	-13	-46.44	-75.94	-60.08	7.03	9.82	V
	2716	-58.21	-13	-45.21	-76.58	-58.67	8.33	10.94	V
									V
									V
									V
									V

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