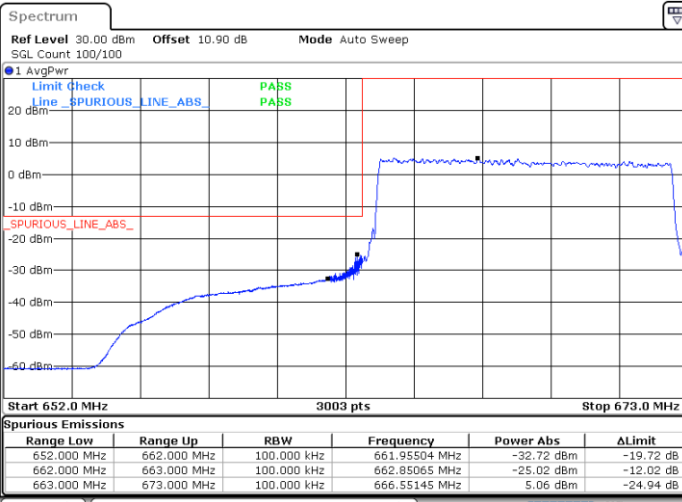




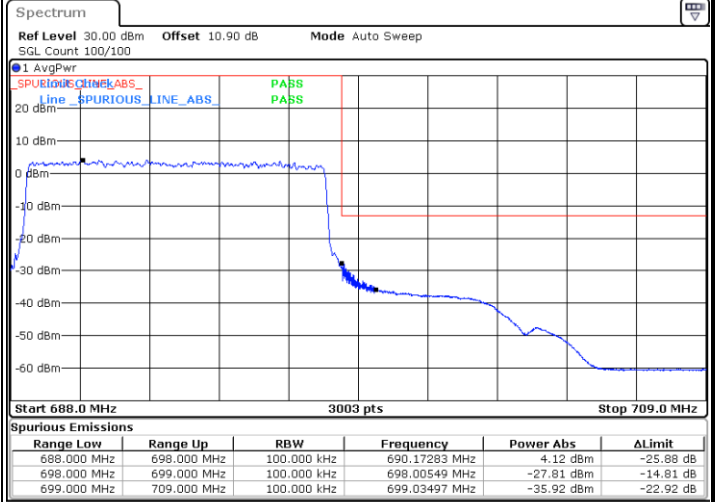
LTE Band 71 / 10MHz / 64QAM

Lowest Band Edge / Full RB



Date: 16.MAR.2023 00:51:51

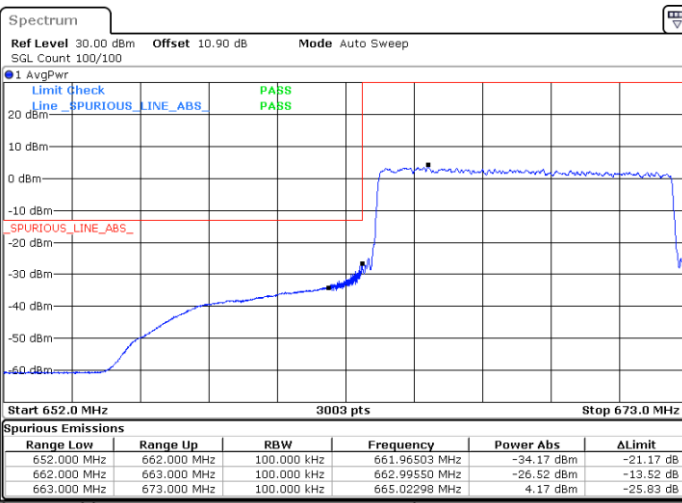
Highest Band Edge / Full RB



Date: 16.MAR.2023 00:53:28

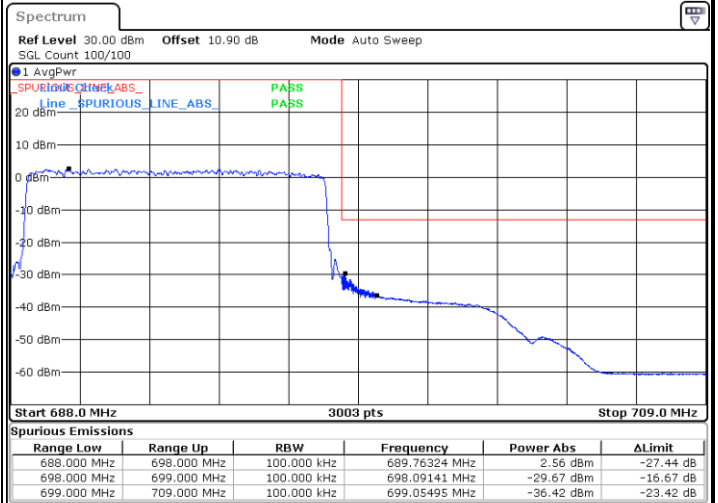
LTE Band 71 / 10MHz / 256QAM

Lowest Band Edge / Full RB



Date: 16.MAR.2023 01:27:54

Highest Band Edge / Full RB

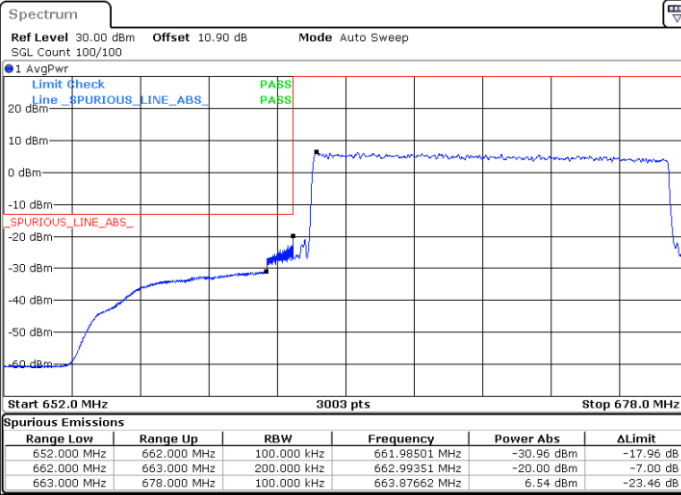


Date: 16.MAR.2023 01:29:30



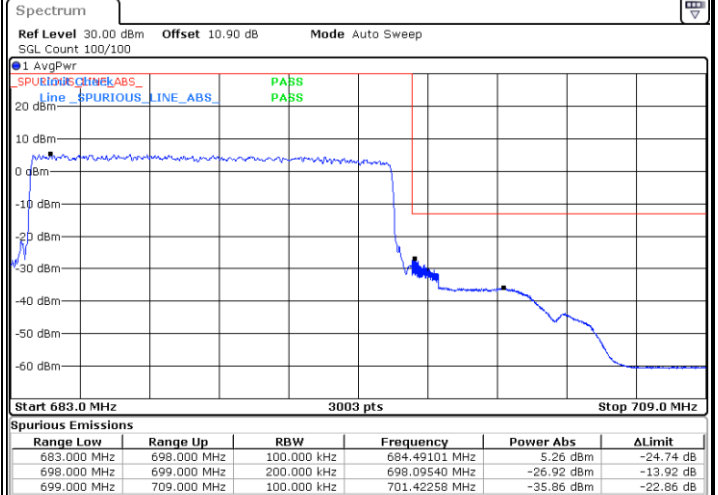
LTE Band 71 / 15MHz / QPSK

Lowest Band Edge / Full RB



Date: 16.MAR.2023 00:55:10

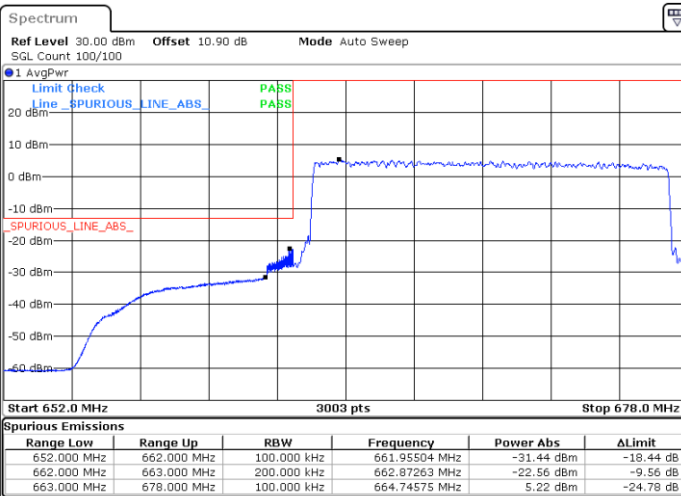
Highest Band Edge / Full RB



Date: 16.MAR.2023 00:58:47

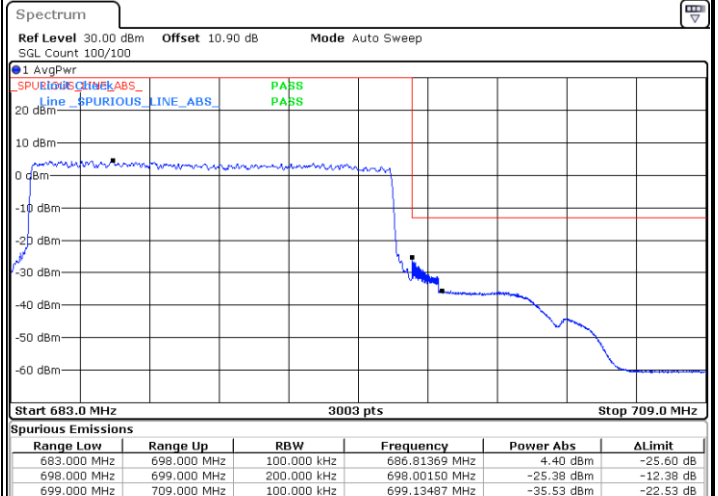
LTE Band 71 / 15MHz / 16QAM

Lowest Band Edge / Full RB



Date: 16.MAR.2023 00:56:06

Highest Band Edge / Full RB

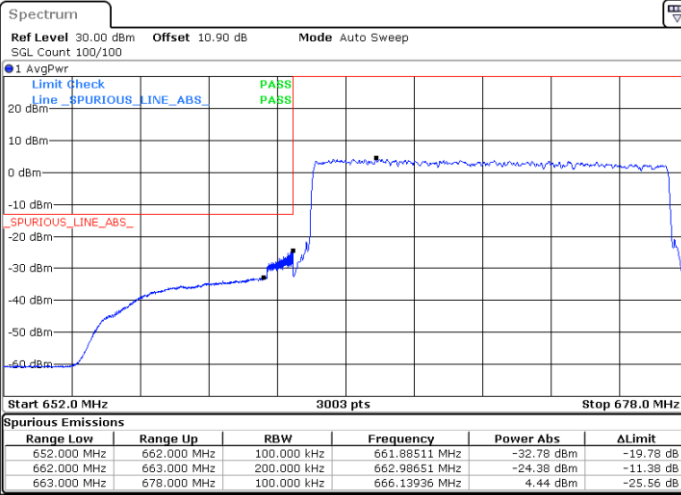


Date: 16.MAR.2023 00:59:43



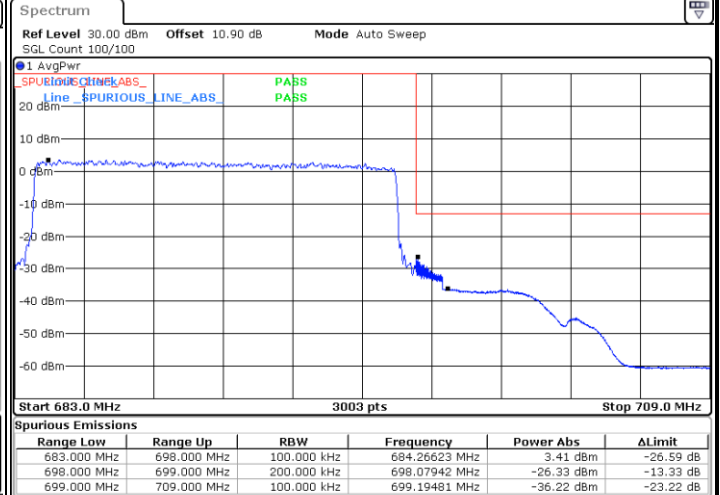
LTE Band 71 / 15MHz / 64QAM

Lowest Band Edge / Full RB



Date: 16.MAR.2023 01:00:40

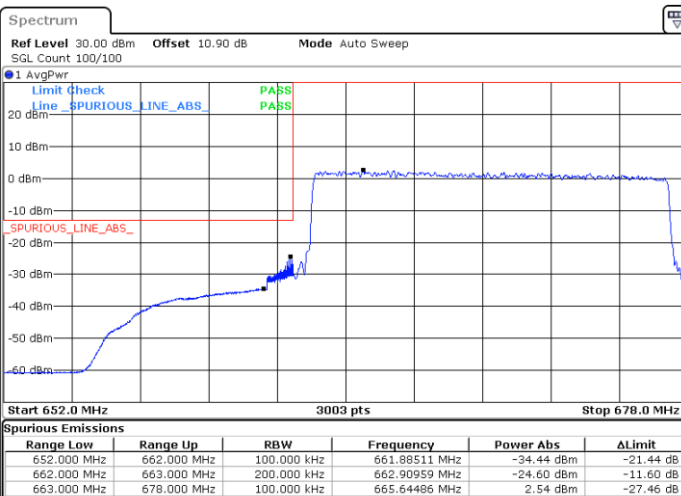
Highest Band Edge / Full RB



Date: 16.MAR.2023 01:02:16

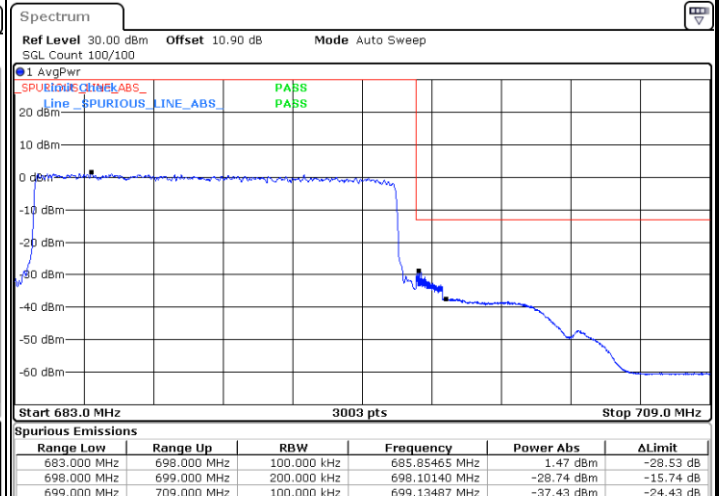
LTE Band 71 / 15MHz / 256QAM

Lowest Band Edge / Full RB



Date: 16.MAR.2023 01:30:29

Highest Band Edge / Full RB

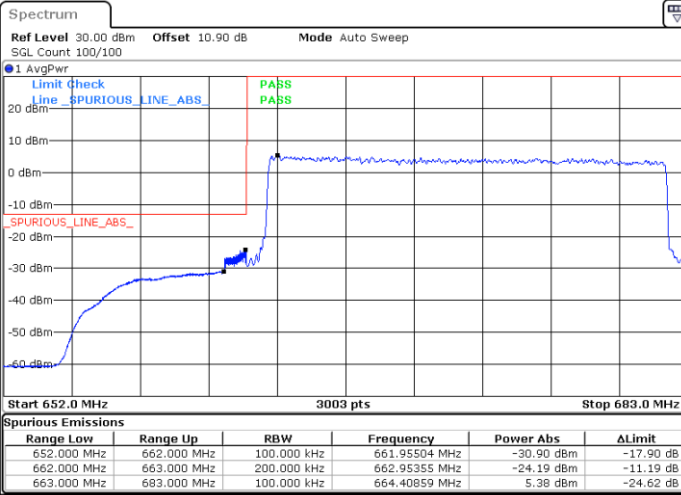


Date: 16.MAR.2023 01:32:12



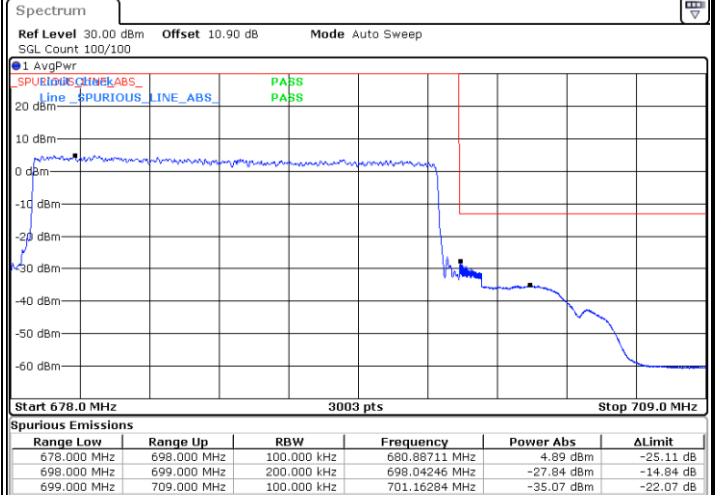
LTE Band 71 / 20MHz / QPSK

Lowest Band Edge / Full RB



Date: 16.MAR.2023 01:03:58

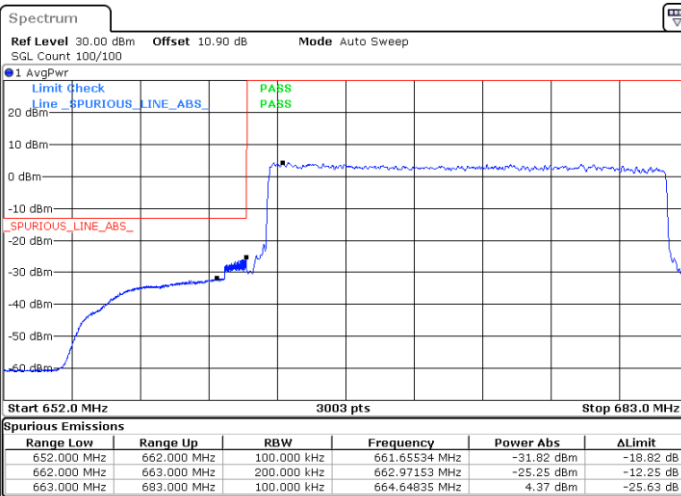
Highest Band Edge / Full RB



Date: 16.MAR.2023 01:08:30

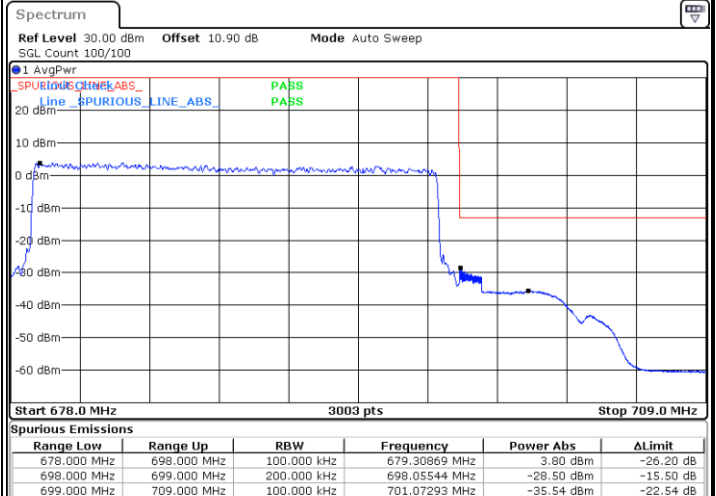
LTE Band 71 / 20MHz / 16QAM

Lowest Band Edge / Full RB



Date: 16.MAR.2023 01:04:54

Highest Band Edge / Full RB

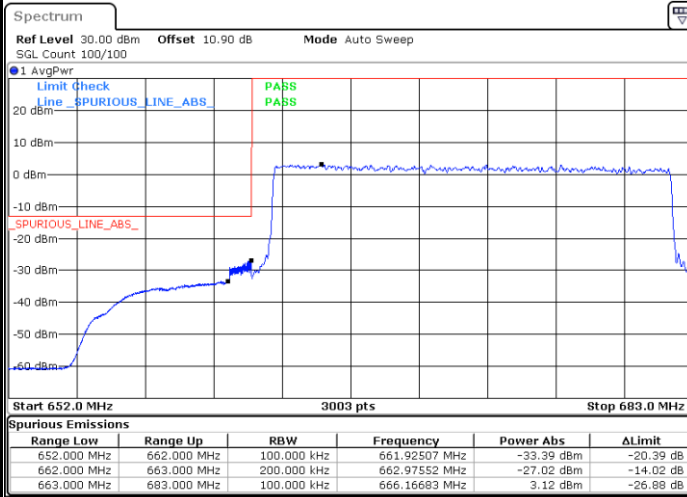


Date: 16.MAR.2023 01:07:34



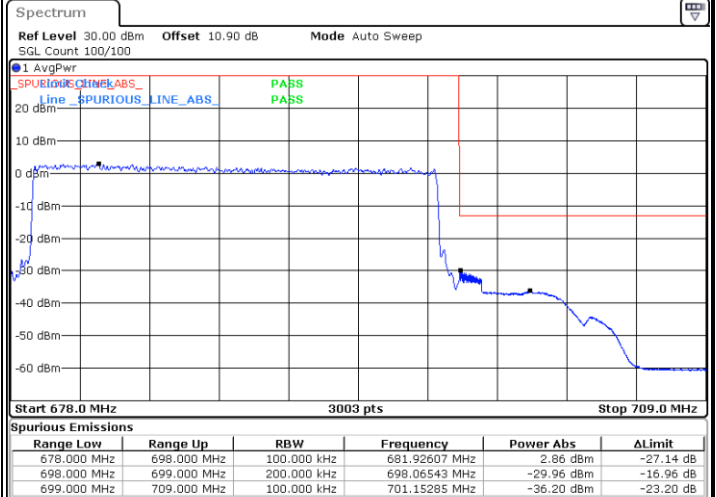
LTE Band 71 / 20MHz / 64QAM

Lowest Band Edge / Full RB



Date: 16.MAR.2023 01:09:26

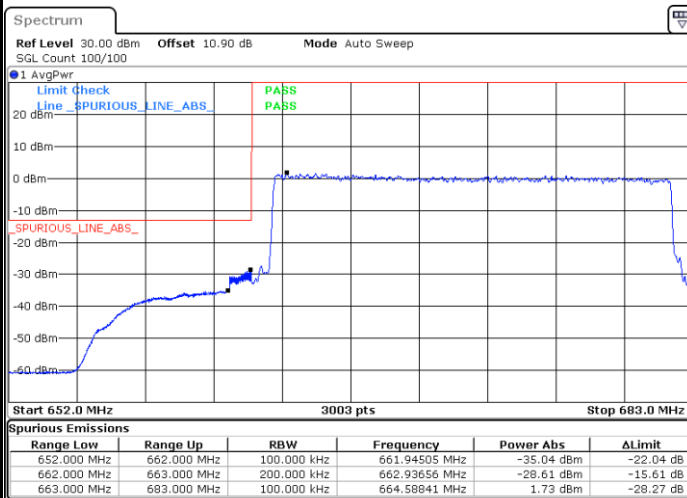
Highest Band Edge / Full RB



Date: 16.MAR.2023 01:11:03

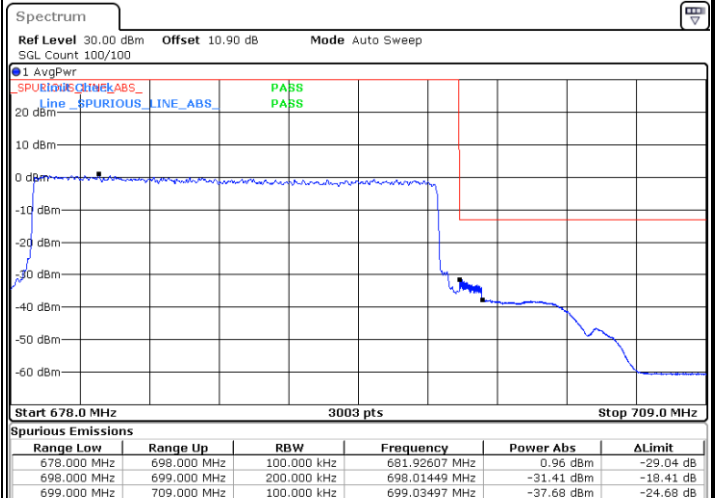
LTE Band 71 / 20MHz / 256QAM

Lowest Band Edge / Full RB



Date: 16.MAR.2023 01:33:11

Highest Band Edge / Full RB



Date: 16.MAR.2023 01:34:48

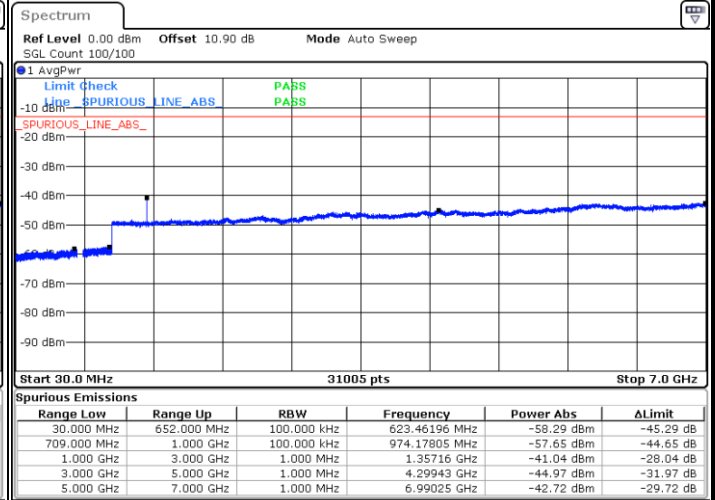
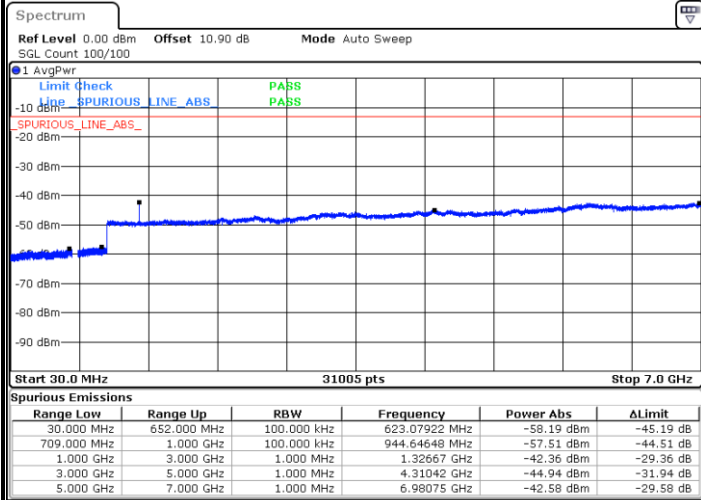


# Conducted Spurious Emission

## LTE Band 71 / 5MHz

### Lowest Channel / QPSK

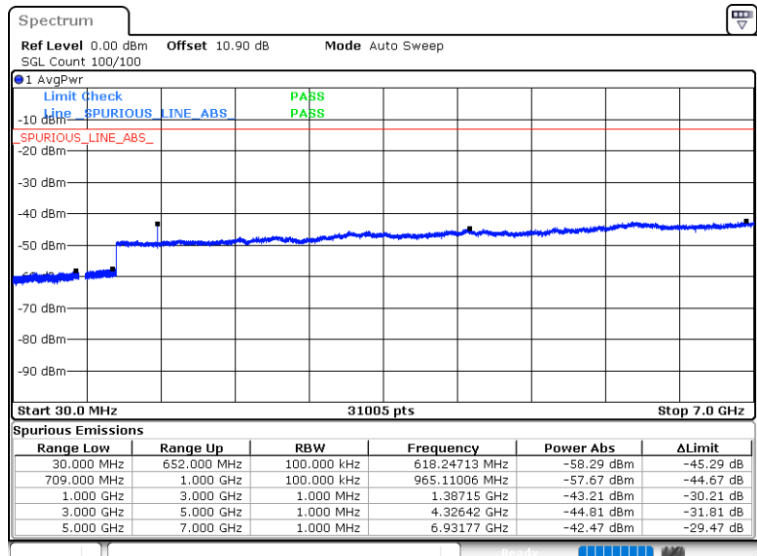
### Middle Channel / QPSK



Date: 16.MAR.2023 00:32:34

Date: 16.MAR.2023 00:35:23

### Highest Channel / QPSK



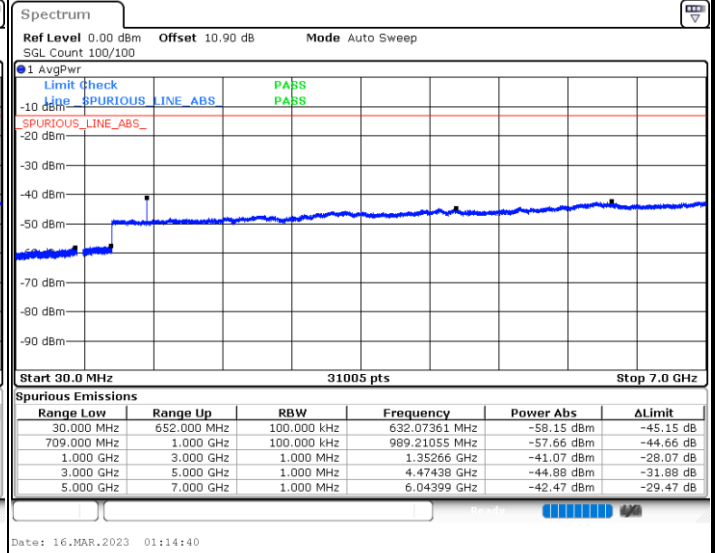
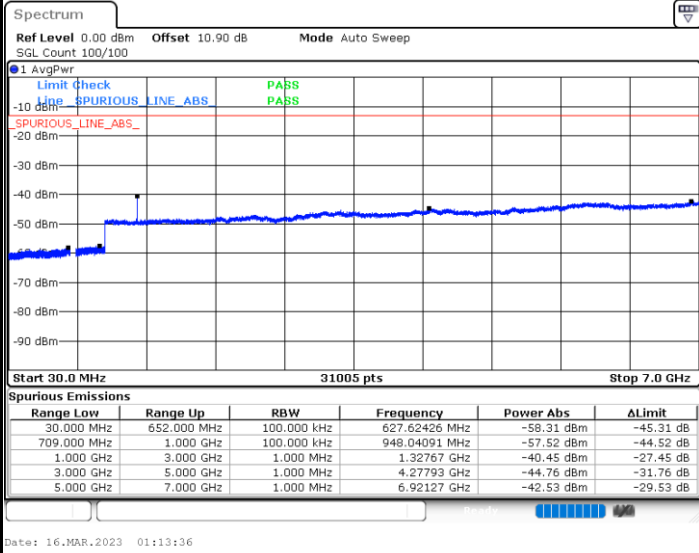
Date: 16.MAR.2023 00:40:13



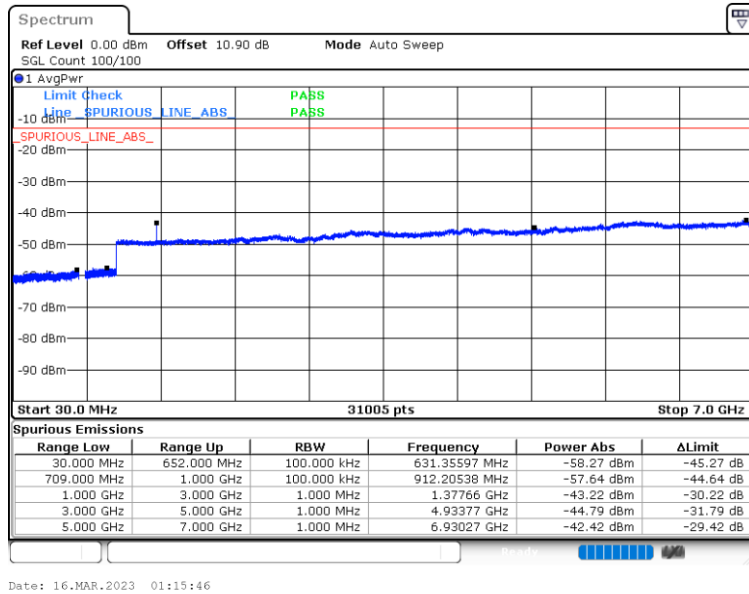
LTE Band 71 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

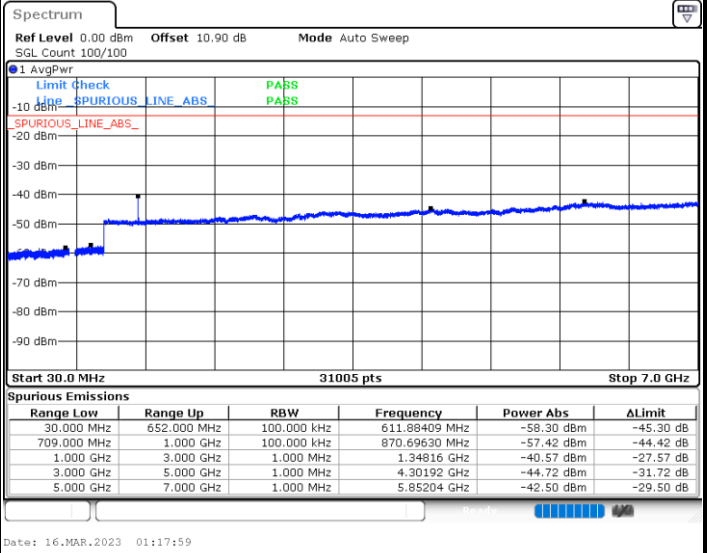
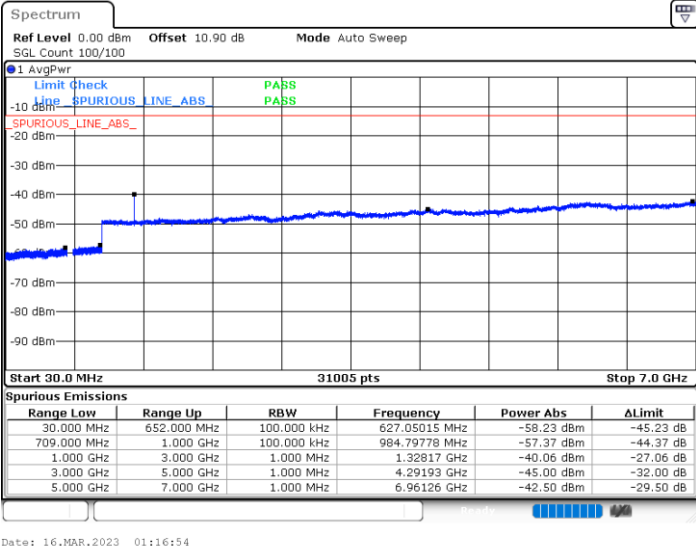




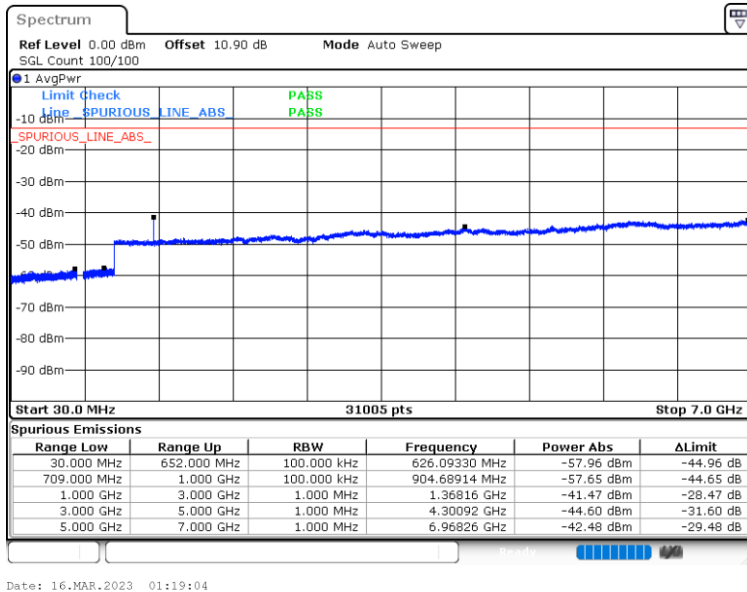
LTE Band 71 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK



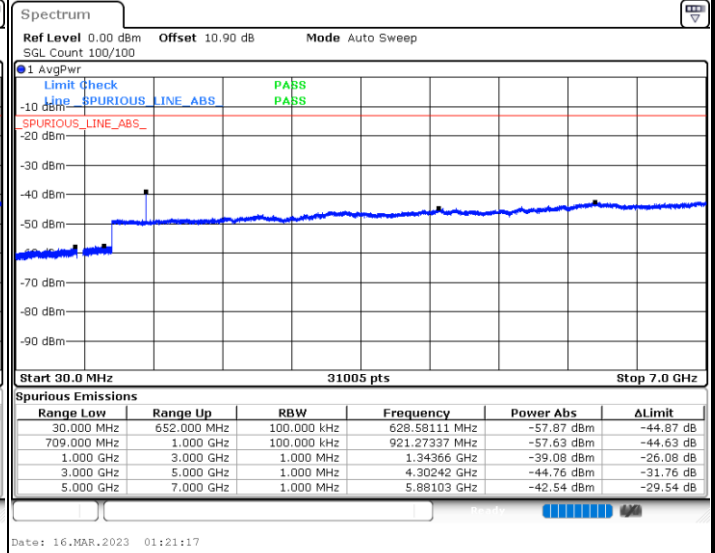
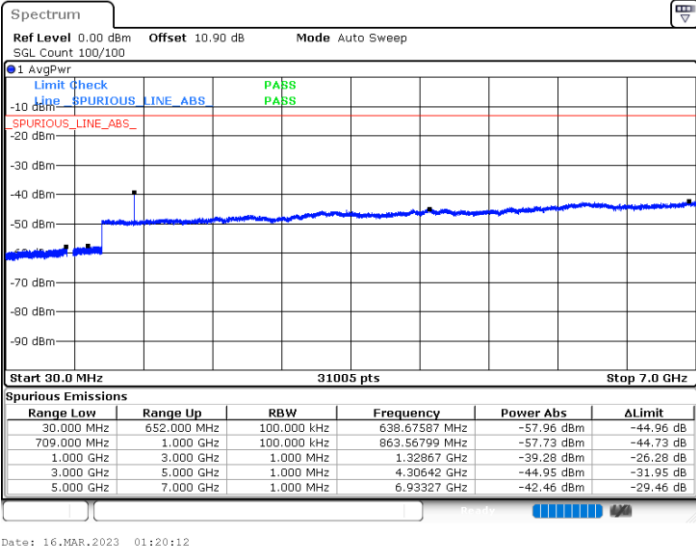




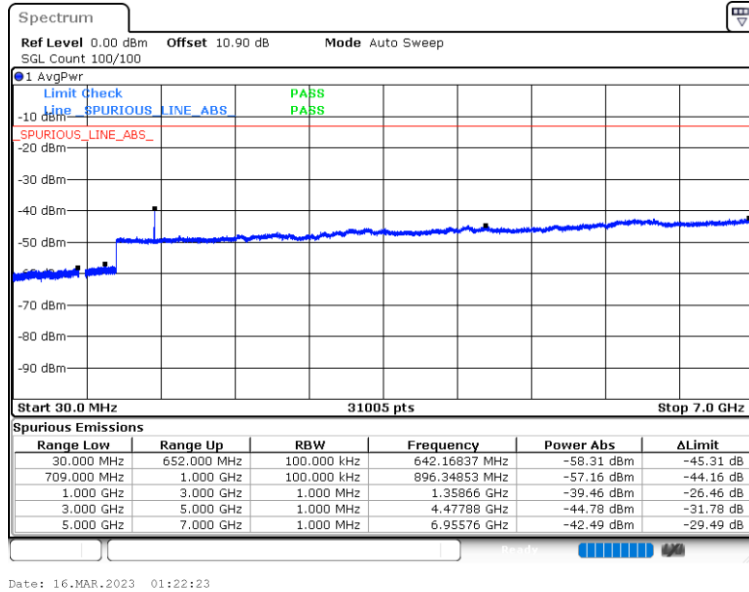
LTE Band 71 / 20MHz

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	0.0034	PASS
40	Normal Voltage	0.0234	
30	Normal Voltage	0.0003	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0163	
0	Normal Voltage	0.0251	
-10	Normal Voltage	0.0021	
-20	Normal Voltage	0.0069	
-30	Normal Voltage	0.0019	
20	Maximum Voltage	0.0193	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0251	

**Note:**

- 1. Normal Voltage = 3.89 V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage = 4.4 V.
- 2. The frequency fundamental emissions stay within the authorized frequency block.



### Appendix B. Test Results of Radiated Test

<Primary Antenna>

<Ant. 0>

### LTE Band 5B

LTE Band 5B / 10MHz+10MHz / QPSK+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	1668	-62.98	-13	-49.98	-72.44	-66.53	3.90	9.61	H
	2502	-59.06	-13	-46.06	-72.58	-62.69	4.83	10.61	H
	3336	-59.05	-13	-46.05	-74.87	-63.65	5.59	12.34	H
									H
									H
									H
									H
	1668	-63.39	-13	-50.39	-72.95	-66.94	3.90	9.61	V
	2502	-52.70	-13	-39.70	-66.65	-56.33	4.83	10.61	V
	3336	-58.52	-13	-45.52	-74.84	-63.12	5.59	12.34	V
									V
									V
									V
									V



Middle	1673	-62.20	-13	-49.20	-71.66	-65.78	3.91	9.64	H
	2510	-51.22	-13	-38.22	-64.76	-54.89	4.84	10.66	H
	3346	-58.97	-13	-45.97	-74.79	-63.61	5.60	12.38	H
									H
									H
									H
									H
	1673	-62.53	-13	-49.53	-72.11	-66.11	3.91	9.64	V
	2510	-53.96	-13	-40.96	-67.89	-57.63	4.84	10.66	V
	3346	-58.44	-13	-45.44	-74.76	-63.08	5.60	12.38	V
									V
									V
									V
									V
Highest	1678	-63.18	-13	-50.18	-72.67	-66.78	3.92	9.67	H
	2517	-59.81	-13	-46.81	-73.36	-63.52	4.85	10.70	H
	3356	-59.04	-13	-46.04	-74.85	-63.69	5.61	12.41	H
									H
									H
									H
									H
	1678	-62.92	-13	-49.92	-72.53	-66.52	3.92	9.67	V
	2517	-59.75	-13	-46.75	-73.67	-63.46	4.85	10.70	V
	3356	-58.16	-13	-45.16	-74.48	-62.81	5.61	12.41	V
									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	1399	-59.24	-13.00	-46.24	-68.20	-60.91	3.57	7.39	H
	2099	-54.55	-13.00	-41.55	-67.05	-57.71	4.40	9.71	H
	2798	-59.02	-13.00	-46.02	-73.94	-62.77	5.10	11.00	H
									H
									H
									H
									H
	1399	-60.44	-13.00	-47.44	-69.41	-62.11	3.57	7.39	V
	2099	-52.76	-13.00	-39.76	-65.78	-55.92	4.40	9.71	V
	2798	-58.85	-13.00	-45.85	-73.95	-62.60	5.10	11.00	V
									V
									V
									V
									V



Middle	1406	-59.05	-13.00	-46.05	-68.05	-60.74	3.58	7.42	H
	2109	-55.41	-13.00	-42.41	-68.09	-58.48	4.41	9.63	H
	2812	-59.53	-13.00	-46.53	-74.49	-63.27	5.11	11.00	H
									H
									H
									H
									H
	1406	-60.76	-13.00	-47.76	-69.78	-62.45	3.58	7.42	V
	2109	-53.70	-13.00	-40.70	-66.92	-56.77	4.41	9.63	V
	2812	-59.00	-13.00	-46.00	-74.11	-62.74	5.11	11.00	V
									V
									V
									V
									V
Highest	1413	-59.28	-13.00	-46.28	-68.33	-60.99	3.59	7.45	H
	2120	-53.14	-13.00	-40.14	-65.92	-56.11	4.42	9.54	H
	2826	-58.82	-13.00	-45.82	-73.84	-62.55	5.12	11.00	H
									H
									H
									H
									H
	1413	-59.70	-13.00	-46.70	-68.77	-61.41	3.59	7.45	V
	2120	-53.34	-13.00	-40.34	-66.67	-56.31	4.42	9.54	V
	2826	-59.05	-13.00	-46.05	-74.19	-62.78	5.12	11.00	V
									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 )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1555	-60.62	-13	-47.62	-69.91	-63.54	3.77	8.84	H
	2332	-36.86	-13	-23.86	-50.55	-39.79	4.65	9.73	H
	3887	-53.43	-13	-40.43	-71.05	-57.38	6.10	12.20	H
									H
									H
									H
									H
	1555	-59.77	-13	-46.77	-69.18	-62.69	3.77	8.84	V
	2332	-52.48	-13	-39.48	-66.45	-55.41	4.65	9.73	V
	3109	-58.36	-13	-45.36	-74.29	-62.13	5.38	11.30	V
									V
									V
									V
									V



Middle	1560	-60.65	-42.15	-18.50	-69.91	-63.60	3.78	8.88	H
	2340	-50.72	-13	-37.72	-64.41	-53.67	4.66	9.76	H
	3119	-58.26	-13	-45.26	-74.02	-62.02	5.39	11.30	H
									H
									H
									H
									H
	1560	-59.20	-42.15	-17.05	-68.58	-62.15	3.78	8.88	V
	2340	-51.55	-13	-38.55	-65.52	-54.50	4.66	9.76	V
	3119	-58.06	-13	-45.06	-74.04	-61.82	5.39	11.30	V
									V
									V
									V
									V
Highest	1565	-62.18	-42.15	-20.03	-71.42	-65.16	3.79	8.92	H
	2347	-52.17	-13	-39.17	-65.85	-55.14	4.66	9.79	H
	3129	-58.35	-13	-45.35	-74.12	-62.10	5.40	11.30	H
									H
									H
									H
									H
	1565	-61.62	-42.15	-19.47	-70.98	-64.60	3.79	8.92	V
	2347	-44.56	-13	-31.56	-58.50	-47.53	4.66	9.79	V
	3912	-40.60	-13	-27.60	-58.36	-44.58	6.12	12.25	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 )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1555	-62.87	-13	-49.87	-72.16	-65.79	3.77	8.84	H
	2334	-46.41	-13	-33.41	-60.1	-49.35	4.65	9.74	H
	3110	-58.46	-13	-45.46	-74.2	-62.23	5.38	11.30	H
									H
									H
									H
									H
	1555	-60.48	-13	-47.48	-69.89	-63.4	3.77	8.84	V
	2334	-40.84	-13	-27.84	-54.81	-43.78	4.65	9.74	V
	3110	-58.71	-13	-45.71	-74.64	-62.48	5.38	11.30	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 )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1577	-60.04	-42.15	-17.89	-69.25	-63.11	3.80	9.02	H
	2365	-38.38	-13	-25.38	-52.05	-41.47	4.68	9.92	H
	3153	-58.26	-13	-45.26	-74.07	-62.00	5.42	11.31	H
									H
									H
									H
									H
	1577	-61.96	-42.15	-19.81	-71.29	-65.03	3.80	9.02	V
	2365	-43.60	-13	-30.60	-57.46	-46.69	4.68	9.92	V
	3153	-57.74	-13	-44.74	-73.86	-61.48	5.42	11.31	V
									V
									V
									V
									V



Middle	1582	-61.22	-42.15	-19.07	-70.41	-64.32	3.81	9.06	H
	2373	-41.75	-13	-28.75	-55.43	-44.89	4.69	9.98	H
	3163	-58.56	-13	-45.56	-74.40	-62.33	5.43	11.35	H
									H
									H
									H
									H
	1582	-62.58	-42.15	-20.43	-71.90	-65.68	3.81	9.06	V
	2373	-43.47	-13	-30.47	-57.32	-46.61	4.69	9.98	V
	3163	-57.79	-13	-44.79	-73.95	-61.56	5.43	11.35	V
									V
									V
									V
									V
Highest	1587	-61.90	-42.15	-19.75	-71.07	-65.04	3.81	9.10	H
	2380	-35.13	-13	-22.13	-48.81	-38.32	4.70	10.04	H
	3173	-58.18	-13	-45.18	-74.03	-61.98	5.44	11.39	H
									H
									H
									H
									H
	1587	-63.09	-42.15	-20.94	-72.39	-66.23	3.81	9.10	V
	2380	-38.67	-13	-25.67	-52.50	-41.86	4.70	10.04	V
	3173	-57.89	-13	-44.89	-74.12	-61.69	5.44	11.39	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 )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1577	-62.21	-42.15	-20.06	-71.42	-65.28	3.80	9.02	H
	2366	-41.56	-13	-28.56	-55.23	-44.65	4.69	9.93	H
	3154	-58.29	-13	-45.29	-74.11	-62.03	5.42	11.32	H
									H
									H
									H
									H
	1577	-63.03	-42.15	-20.88	-72.36	-66.10	3.80	9.02	V
	2366	-48.03	-13	-35.03	-61.89	-51.12	4.69	9.93	V
	3154	-57.96	-13	-44.96	-74.09	-61.70	5.42	11.32	V
									V
									V
									V
									V

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



**Part 22H LTE Band 26**

Part 22H LTE Band 26 / 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	1649	-62.34	-13	-49.34	-71.69	-65.8	3.88	9.49	H
	2474	-47.19	-13	-34.19	-60.76	-50.79	4.80	10.55	H
	3298	-58.80	-13	-45.80	-74.65	-63.28	5.55	12.19	H
									H
									H
									H
									H
	1649	-61.54	-13	-48.54	-71.01	-65	3.88	9.49	V
	2474	-46.66	-13	-33.66	-60.57	-50.26	4.80	10.55	V
	7421	-39.95	-13	-26.95	-68.87	-40.27	8.73	11.20	V
									V
									V
									V
									V



Middle	1664	-62.61	-13	-49.61	-72.03	-66.14	3.90	9.58	H
	2496	-45.34	-13	-32.34	-58.86	-48.96	4.83	10.59	H
	3328	-59.03	-13	-46.03	-74.86	-63.61	5.58	12.31	H
									H
									H
									H
									H
	1664	-61.46	-13	-48.46	-71	-64.99	3.90	9.58	V
	2496	-47.40	-13	-34.40	-61.35	-51.02	4.83	10.59	V
	3328	-58.18	-13	-45.18	-74.5	-62.76	5.58	12.31	V
									V
									V
									V
									V
Highest	1679	-62.35	-13	-49.35	-71.84	-65.96	3.92	9.67	H
	2519	-45.75	-13	-32.75	-59.31	-49.47	4.85	10.71	H
	5877	-51.25	-13	-38.25	-74.8	-54.34	8.01	13.25	H
									H
									H
									H
									H
	1679	-61.44	-13	-48.44	-71.05	-65.05	3.92	9.67	V
	2519	-45.09	-13	-32.09	-59.01	-48.81	4.85	10.71	V
	3358	-58.64	-13	-45.64	-74.96	-63.3	5.61	12.42	V
									V
									V
									V
									V

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



**Part 90S LTE Band 26**

Part 90S LTE Band 26 / 5MHz / 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	1628	-63.63	-13	-50.63	-72.89	-66.99	3.86	9.37	H
	2443	-54.65	-13	-41.65	-68.26	-58.19	4.77	10.46	H
	3257	-58.72	-13	-45.72	-74.59	-63	5.52	11.94	H
									H
									H
									H
									H
	1628	-62.37	-13	-49.37	-71.76	-65.73	3.86	9.37	V
	2443	-56.52	-13	-43.52	-70.37	-60.06	4.77	10.46	V
	3257	-57.77	-13	-44.77	-74.1	-62.05	5.52	11.94	V
									V
									V
									V
									V



Middle	2440	-55.70	-13	-42.70	-69.31	-59.22	4.77	10.44	H
	4072	-57.94	-13	-44.94	-76.51	-62.19	6.25	12.64	H
	7328	-42.50	-13	-29.50	-71.21	-42.66	8.69	11.00	H
									H
									H
									H
									H
	2440	-54.97	-13	-41.97	-68.82	-58.49	4.77	10.44	V
	4072	-49.70	-13	-36.70	-68.12	-53.95	6.25	12.64	V
	7328	-49.31	-13	-36.31	-78.03	-49.47	8.69	11.00	V
									V
									V
									V
									V
Highest	1632	-62.76	-13	-49.76	-72.02	-66.14	3.86	9.39	H
	2448	-51.60	-13	-38.60	-65.2	-55.16	4.77	10.49	H
	5720	-54.70	-13	-41.70	-77.25	-58.09	7.88	13.42	H
									H
									H
									H
									H
	1632	-61.61	-13	-48.61	-71	-64.99	3.86	9.39	V
	2448	-52.84	-13	-39.84	-66.7	-56.4	4.77	10.49	V
	5720	-45.96	-13	-32.96	-68.94	-49.35	7.88	13.42	V
									V
									V
									V
									V

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





LTE Band 26 / 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)
Middle	1629	-62.12	-13	-49.12	-71.38	-65.48	3.86	9.37	H
	2444	-47.05	-13	-34.05	-60.65	-50.59	4.77	10.46	H
	3258	-58.71	-13	-45.71	-74.58	-62.99	5.52	11.95	H
									H
									H
									H
									H
	1629	-61.14	-13	-48.14	-70.53	-64.5	3.86	9.37	V
	2444	-47.26	-13	-34.26	-61.11	-50.8	4.77	10.46	V
	3258	-58.04	-13	-45.04	-74.37	-62.32	5.52	11.95	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 )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1630	-62.79	-13	-49.79	-72.05	-66.16	3.86	9.38	H
	2445	-48.41	-13	-35.41	-62.01	-51.96	4.77	10.47	H
	3259	-58.54	-13	-45.54	-74.41	-62.83	5.52	11.95	H
									H
									H
									H
									H
	1630	-61.85	-13	-48.85	-71.24	-65.22	3.86	9.38	V
	2445	-52.91	-13	-39.91	-66.77	-56.46	4.77	10.47	V
	3259	-58.20	-13	-45.20	-74.53	-62.49	5.52	11.95	V
									V
									V
									V
									V

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



LTE Band 26 824MHz / 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	1635	-63.38	-13	-50.38	-72.66	-66.77	3.87	9.41	H
	2452	-49.95	-13	-36.95	-63.53	-53.53	4.78	10.50	H
	3269	-58.66	-13	-45.66	-74.52	-63	5.53	12.01	H
									H
									H
									H
									H
	1635	-63.00	-13	-50.00	-72.41	-66.39	3.87	9.41	V
	2452	-48.32	-13	-35.32	-62.19	-51.9	4.78	10.50	V
	3269	-57.84	-13	-44.84	-74.16	-62.18	5.53	12.01	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 )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	-62.64	-13	-49.64	-70.86	-66.02	3.47	6.85	-62.64	H
	-38.57	-13	-25.57	-49.9	-44.49	4.28	10.20	-38.57	H
	-59.92	-13	-46.92	-73.96	-65.75	4.97	10.80	-59.92	H
									H
									H
									H
									H
	1327	-62.58	-13	-49.58	-70.8	-65.96	3.47	6.85	V
	1990	-36.87	-13	-23.87	-48.57	-42.79	4.28	10.20	V
	2654	-59.81	-13	-46.81	-73.94	-65.64	4.97	10.80	V
									V
									V
									V
									V
Middle	1347	-62.92	-13	-49.92	-71.34	-66.32	3.50	6.89	H
	2020	-61.53	-13	-48.53	-73.16	-67.42	4.31	10.20	H
	2694	-60.20	-13	-47.20	-74.49	-66.00	5.00	10.80	H
									H
									H
									H
									H
	1347	-62.40	-13	-49.40	-70.82	-65.80	3.50	6.89	V
	2020	-60.76	-13	-47.76	-72.81	-66.65	4.31	10.20	V
	2694	-59.82	-13	-46.82	-74.22	-65.62	5.00	10.80	V
									V
									V
									V
									V



Highest	1377	-62.32	-13	-49.32	-71.05	-65.95	3.54	7.17	H
	2065	-60.14	-13	-47.14	-72.27	-65.83	4.36	10.05	H
	2754	-59.70	-13	-46.70	-74.35	-65.55	5.06	10.91	H
									H
									H
									H
									H
	1377	-62.54	-13	-49.54	-71.28	-66.17	3.54	7.17	V
	2065	-61.20	-13	-48.20	-73.81	-66.89	4.36	10.05	V
	2754	-59.50	-13	-46.50	-74.3	-65.35	5.06	10.91	V
									V
									V
									V
									V

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



<Ant. 2>

**LTE Band 25**

LTE Band 25 / 10MHz / 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	3701	-57.09	-13	-44.09	-74.5	-63.47	5.92	12.30	H
	5552	-54.25	-13	-41.25	-76.84	-59.81	7.74	13.30	H
	7402	-49.11	-13	-36.11	-78.33	-51.59	8.72	11.20	H
									H
									H
									H
									H
	3701	-56.86	-13	-43.86	-74.32	-63.24	5.92	12.30	V
	5552	-53.89	-13	-40.89	-76.78	-59.45	7.74	13.30	V
	7402	-49.02	-13	-36.02	-78.15	-51.5	8.72	11.20	V
									V
									V
									V
									V



Middle	3751	-56.92	-13	-43.92	-74.43	-63.25	5.97	12.30	H
	5627	-53.99	-13	-40.99	-76.44	-59.64	7.80	13.45	H
	7502	-48.22	-13	-35.22	-77.2	-50.67	8.76	11.21	H
									H
									H
									H
									H
	3751	-56.53	-13	-43.53	-74.14	-62.86	5.97	12.30	V
	5627	-53.77	-13	-40.77	-76.69	-59.42	7.80	13.45	V
	7502	-48.82	-13	-35.82	-77.74	-51.27	8.76	11.21	V
									V
									V
									V
									V
Highest	3811	-57.22	-13	-44.22	-74.87	-63.47	6.03	12.28	H
	5717	-53.89	-13	-40.89	-76.55	-59.44	7.88	13.43	H
	7622	-49.28	-13	-36.28	-77.79	-52.11	8.82	11.64	H
									H
									H
									H
									H
	3811	-57.29	-13	-44.29	-75.07	-63.54	6.03	12.28	V
	5717	-54.04	-13	-41.04	-77.14	-59.59	7.88	13.43	V
	7622	-48.46	-13	-35.46	-77.61	-51.29	8.82	11.64	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 / 10MHz / 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	5001	-56.09	-25	-31.09	-76.89	-61.3	7.49	12.70	H
	7502	-49.04	-25	-24.04	-78.02	-51.49	8.76	11.21	H
	10002	-46.50	-25	-21.50	-79.36	-47.59	10.01	11.10	H
									H
									H
									H
									H
	5001	-56.13	-25	-31.13	-76.98	-61.34	7.49	12.70	V
	7502	-49.33	-25	-24.33	-78.26	-51.78	8.76	11.21	V
	10002	-47.18	-25	-22.18	-79.11	-48.27	10.01	11.10	V
									V
									V
									V
									V





Middle	5061	-55.67	-25	-30.67	-76.69	-60.71	7.52	12.56	H
	7591	-49.10	-25	-24.10	-77.63	-51.86	8.80	11.56	H
	10122	-45.24	-25	-20.24	-78.04	-46.43	10.11	11.30	H
									H
									H
									H
									H
	5061	-55.80	-25	-30.80	-76.86	-60.84	7.52	12.56	V
	7591	-48.02	-25	-23.02	-77.21	-50.78	8.80	11.56	V
	10122	-46.20	-25	-21.20	-78.23	-47.39	10.11	11.30	V
									V
									V
									V
									V
Highest	5121	-56.14	-25	-31.14	-77.38	-61.04	7.54	12.44	H
	7682	-48.01	-25	-23.01	-76.59	-50.87	8.84	11.70	H
	10242	-44.88	-25	-19.88	-77.64	-45.89	10.21	11.22	H
									H
									H
									H
									H
	5121	-55.86	-25	-30.86	-77.12	-60.76	7.54	12.44	V
	7682	-48.42	-25	-23.42	-77.39	-51.28	8.84	11.70	V
	10242	-45.58	-25	-20.58	-77.73	-46.59	10.21	11.22	V
									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+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	5040	-55.91	-25	-30.91	-76.85	-61.02	7.51	12.62	H
	7560	-46.76	-25	-21.76	-75.44	-49.41	8.79	11.44	H
	10083	-45.74	-25	-20.74	-78.56	-46.93	10.08	11.27	H
									H
									H
									H
									H
	5040	-55.80	-25	-30.80	-76.78	-60.91	7.51	12.62	V
	7560	-42.65	-25	-17.65	-71.74	-45.3	8.79	11.44	V
	10083	-46.49	-25	-21.49	-78.49	-47.68	10.08	11.27	V
									V
									V
									V
									V



Middle	5070	-55.66	-25	-30.66	-76.71	-60.66	7.52	12.52	H
	7602	-46.91	-25	-21.91	-75.4	-49.71	8.81	11.60	H
	10137.6	-45.01	-25	-20.01	-77.81	-46.19	10.12	11.30	H
									H
									H
									H
									H
	5070	-55.81	-25	-30.81	-76.89	-60.81	7.52	12.52	V
	7602	-40.94	-25	-15.94	-70.15	-43.74	8.81	11.60	V
	10137.6	-45.74	-25	-20.74	-77.79	-46.92	10.12	11.30	V
									V
									V
									V
									V
Highest	5100	-56.90	-25	-31.90	-78.07	-61.77	7.53	12.40	H
	7650	-48.23	-25	-23.23	-76.76	-51.1	8.83	11.70	H
	10201.3	-45.40	-25	-20.40	-78.18	-46.52	10.17	11.30	H
									H
									H
									H
									H
	5100	-56.77	-25	-31.77	-77.95	-61.64	7.53	12.40	V
	7650	-42.76	-25	-17.76	-71.82	-45.63	8.83	11.70	V
	10201.3	-46.22	-25	-21.22	-78.33	-47.34	10.17	11.30	V
									V
									V
									V
									V

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



**LTE Band 30**

LTE Band 30 / 5MHz / 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	4611	-54.12	-40	-14.12	-78.66	-64.41	1.30	11.59	H
	6916	-46.35	-40	-6.35	-76.14	-55.76	1.62	11.03	H
	9221	-51.33	-40	-11.33	-83.18	-60.63	1.90	11.20	H
									H
									H
									H
									H
	4611	-56.08	-40	-16.08	-80.46	-66.37	1.30	11.59	V
	6916	-46.49	-40	-6.49	-76.88	-55.90	1.62	11.03	V
	9221	-52.43	-40	-12.43	-83.43	-61.73	1.90	11.20	V
									V
									V
									V
									V
Middle	4616	-54.85	-40	-14.85	-79.46	-65.14	1.31	11.59	H
	6924	-46.17	-40	-6.17	-75.98	-55.60	1.62	11.05	H
	9231	-51.42	-40	-11.42	-83.27	-60.72	1.90	11.20	H
									H
									H
									H
									H
	4616	-55.01	-40	-15.01	-79.47	-65.30	1.31	11.59	V
	6924	-46.06	-40	-6.06	-76.46	-55.49	1.62	11.05	V
	9231	-52.37	-40	-12.37	-83.37	-61.67	1.90	11.20	V
									V
									V
									V
									V



Highest	4621	-53.49	-40	-13.49	-78.16	-63.77	1.31	11.59	H
	6931	-45.85	-40	-5.85	-75.69	-55.29	1.62	11.06	H
	9241	-51.52	-40	-11.52	-83.37	-60.82	1.90	11.20	H
									H
									H
									H
									H
	4621	-55.09	-40	-15.09	-79.62	-65.37	1.31	11.59	V
	6931	-46.58	-40	-6.58	-77	-56.02	1.62	11.06	V
	9241	-52.15	-40	-12.15	-83.14	-61.45	1.90	11.20	V
									V
									V
									V
									V

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



LTE Band 30 / 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)
Middle	4611	-54.16	-40	-14.16	-78.7	-64.45	1.30	11.59	H
	6917	-46.32	-40	-6.32	-76.12	-55.73	1.62	11.03	H
	9222	-51.78	-40	-11.78	-83.63	-61.08	1.90	11.20	H
									H
									H
									H
									H
	4611	-55.55	-40	-15.55	-79.93	-65.84	1.30	11.59	V
	6917	-46.03	-40	-6.03	-76.42	-55.44	1.62	11.03	V
	9222	-52.46	-40	-12.46	-83.45	-61.76	1.90	11.20	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 / 10MHz / 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	4993	-55.39	-25	-30.39	-76.2	-60.63	7.48	12.71	H
	7489	-48.77	-25	-23.77	-77.78	-51.21	8.76	11.20	H
	9986	-45.48	-25	-20.48	-78.29	-46.55	10.01	11.07	H
	4993	-55.39	-25	-30.39	-76.2	-60.63	7.48	12.71	H
									H
									H
									H
	4993	-55.65	-25	-30.65	-76.53	-60.89	7.48	12.71	V
	7489	-48.66	-25	-23.66	-77.6	-51.1	8.76	11.20	V
	9986	-46.26	-25	-21.26	-78.16	-47.33	10.01	11.07	V
									V
									V
									V
									V



Middle	5177	-55.75	-25	-30.75	-77.2	-60.9	7.56	12.72	H
	7766	-46.41	-25	-21.41	-75.08	-49.36	8.88	11.83	H
	10355	-44.18	-25	-19.18	-76.88	-44.81	10.30	10.94	H
									H
									H
									H
									H
	5177	-56.28	-25	-31.28	-77.72	-61.43	7.56	12.72	V
	7766	-46.46	-25	-21.46	-75.18	-49.41	8.88	11.83	V
	10355	-45.01	-25	-20.01	-77.25	-45.64	10.30	10.94	V
									V
									V
									V
									V
Highest	5361	-56.03	-25	-31.03	-78.6	-61.97	7.64	13.58	H
	8041	-47.78	-25	-22.78	-76.97	-49.98	9.02	11.22	H
	10722	-45.17	-25	-20.17	-77.79	-45.54	10.50	10.88	H
									H
									H
									H
									H
	5361	-56.08	-25	-31.08	-78.55	-62.02	7.64	13.58	V
	8041	-47.92	-25	-22.92	-77.17	-50.12	9.02	11.22	V
	10722	-45.32	-25	-20.32	-77.81	-45.69	10.50	10.88	V
									V
									V
									V
									V

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





**LTE Band 41C**

LTE CA_41C / 20MHz+20MHz / QPSK+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	-55.74	-25	-30.74	-76.64	-60.88	7.50	12.64	H
	7544	-48.74	-25	-23.74	-77.51	-51.34	8.78	11.38	H
	10058	-45.30	-25	-20.30	-78.14	-46.46	10.06	11.22	H
									H
									H
									H
									H
	5028	-56.03	-25	-31.03	-76.97	-61.17	7.50	12.64	V
	7544	-48.77	-25	-23.77	-77.82	-51.37	8.78	11.38	V
	10058	-46.24	-25	-21.24	-78.22	-47.4	10.06	11.22	V
									V
									V
									V
									V



Middle	5184	-55.92	-25	-30.92	-77.39	-61.12	7.57	12.77	H
	7776	-48.35	-25	-23.35	-77.03	-51.32	8.89	11.85	H
	10366	-44.44	-25	-19.44	-77.13	-45.03	10.31	10.90	H
									H
									H
									H
									H
	5184	-56.31	-25	-31.31	-77.77	-61.51	7.57	12.77	V
	7776	-48.42	-25	-23.42	-77.11	-51.39	8.89	11.85	V
	10366	-45.09	-25	-20.09	-77.34	-45.68	10.31	10.90	V
									V
									V
									V
									V
Highest	5340	-56.16	-25	-31.16	-78.6	-62.09	7.63	13.56	H
	8010	-47.90	-25	-22.90	-77.11	-50.18	9.00	11.28	H
	10673	-46.19	-25	-21.19	-78.8	-46.63	10.49	10.93	H
									H
									H
									H
									H
	5340	-56.23	-25	-31.23	-78.57	-62.16	7.63	13.56	V
	8010	-47.84	-25	-22.84	-77.06	-50.12	9.00	11.28	V
	10673	-46.11	-25	-21.11	-78.57	-46.55	10.49	10.93	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 / 10MHz / 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	3421	-58.05	-13	-45.05	-74.62	-64.88	5.67	12.50	H
	5132	-56.06	-13	-43.06	-77.35	-60.98	7.55	12.46	H
	6842	-50.89	-13	-37.89	-78.21	-54.67	8.44	12.22	H
									H
									H
									H
									H
	3421	-57.91	-13	-44.91	-74.97	-64.74	5.67	12.50	V
	5132	-56.40	-13	-43.40	-77.69	-61.32	7.55	12.46	V
	6842	-50.52	-13	-37.52	-77.76	-54.30	8.44	12.22	V
									V
									V
									V
									V
Middle	3481	-57.42	-13	-44.42	-74.53	-64.14	5.72	12.44	H
	5222	-56.22	-13	-43.22	-77.89	-61.67	7.58	13.03	H
	6962	-50.82	-13	-37.82	-77.56	-54.20	8.52	11.90	H
									H
									H
									H
									H
	3481	-57.53	-13	-44.53	-74.99	-64.25	5.72	12.44	V
	5222	-56.55	-13	-43.55	-78.2	-62.00	7.58	13.03	V
	6962	-50.06	-13	-37.06	-77.67	-53.44	8.52	11.90	V
									V
									V
									V
									V



Highest	3541	-57.06	-13	-44.06	-74.3	-63.44	5.78	12.15	H
	5312	-56.52	-13	-43.52	-78.78	-62.35	7.62	13.45	H
	7082	-50.38	-13	-37.38	-77.61	-53.27	8.58	11.47	H
									H
									H
									H
									H
	3541	-57.40	-13	-44.40	-74.81	-63.78	5.78	12.15	V
	5312	-56.63	-13	-43.63	-78.81	-62.46	7.62	13.45	V
	7082	-49.41	-13	-36.41	-77.41	-52.30	8.58	11.47	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+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	3459	-55.47	-13	-42.47	-72.39	-62.25	5.70	12.48	H
	5189	-56.18	-13	-43.18	-77.67	-61.42	7.57	12.81	H
	6919	-50.70	-13	-37.70	-77.65	-54.17	8.49	11.96	H
									H
									H
									H
									H
	3459	-55.13	-13	-42.13	-72.45	-61.91	5.70	12.48	V
	5189	-56.20	-13	-43.20	-77.68	-61.44	7.57	12.81	V
	6919	-50.13	-13	-37.13	-77.62	-53.60	8.49	11.96	V
									V
									V
									V
									V
Middle	3510	-56.52	-13	-43.52	-73.79	-63.11	5.75	12.34	H
	5265	-56.24	-13	-43.24	-78.2	-61.90	7.60	13.26	H
	7020	-50.19	-13	-37.19	-76.91	-53.41	8.56	11.78	H
									H
									H
									H
									H
	3510	-57.04	-13	-44.04	-74.59	-63.63	5.75	12.34	V
	5265	-56.33	-13	-43.33	-78.24	-61.99	7.60	13.26	V
	7020	-49.25	-13	-36.25	-77.06	-52.47	8.56	11.78	V
									V
									V
									V
									V



Highest	3520	-57.59	-13	-44.59	-74.85	-64.11	5.76	12.28	H
	5280	-56.47	-13	-43.47	-78.53	-62.18	7.61	13.32	H
	7040	-50.23	-13	-37.23	-77.12	-53.32	8.57	11.66	H
									H
									H
									H
									H
	3520	-56.79	-13	-43.79	-74.28	-63.31	5.76	12.28	V
	5280	-56.30	-13	-43.30	-78.3	-62.01	7.61	13.32	V
	7040	-49.74	-13	-36.74	-77.11	-52.83	8.57	11.66	V
									V
									V
									V
									V

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



<ASDIV Antenna>

<Ant. 0>

**LTE Band 25**

LTE Band 25 / 10MHz / 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	3701	-56.84	-13	-43.84	-74.25	-63.22	5.92	12.30	H
	5551	-41.98	-13	-28.98	-64.57	-47.54	7.74	13.30	H
	7402	-48.51	-13	-35.51	-77.75	-50.99	8.72	11.20	H
									H
									H
									H
									H
	3701	-56.83	-13	-43.83	-74.29	-63.21	5.92	12.30	V
	5551	-53.91	-13	-40.91	-76.8	-59.47	7.74	13.30	V
	7402	-48.96	-13	-35.96	-78.1	-51.44	8.72	11.20	V
									V
									V
									V
									V



Middle	3751	-56.75	-13	-43.75	-74.26	-63.08	5.97	12.30	H
	5627	-53.23	-13	-40.23	-75.68	-58.88	7.80	13.45	H
	7502	-48.98	-13	-35.98	-77.96	-51.43	8.76	11.21	H
									H
									H
									H
									H
	3751	-56.70	-13	-43.70	-74.31	-63.03	5.97	12.30	V
	5627	-51.99	-13	-38.99	-74.91	-57.64	7.80	13.45	V
	7502	-48.88	-13	-35.88	-77.81	-51.33	8.76	11.21	V
									V
									V
									V
									V
Highest	3811	-56.86	-13	-43.86	-74.52	-63.11	6.03	12.28	H
	5717	-54.14	-13	-41.14	-76.8	-59.69	7.88	13.43	H
	7622	-48.95	-13	-35.95	-77.46	-51.78	8.82	11.64	H
									H
									H
									H
									H
	3811	-56.92	-13	-43.92	-74.7	-63.17	6.03	12.28	V
	5717	-53.98	-13	-40.98	-77.08	-59.53	7.88	13.43	V
	7622	-47.53	-13	-34.53	-76.68	-50.36	8.82	11.64	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 / 10MHz / 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	5001	-55.32	-25	-30.32	-76.12	-60.53	7.49	12.70	H
	7501	-48.72	-25	-23.72	-77.71	-51.16	8.76	11.20	H
	10002	-45.80	-25	-20.80	-78.66	-46.89	10.01	11.10	H
									H
									H
									H
									H
	5001	-52.68	-25	-27.68	-76.53	-57.89	7.49	12.70	V
	7501	-49.03	-25	-24.03	-77.96	-51.47	8.76	11.20	V
	10002	-46.70	-25	-21.70	-78.63	-47.79	10.01	11.10	V
									V
									V
									V
									V
Middle	5061	-55.24	-25	-30.24	-76.26	-60.28	7.52	12.56	H
	7591	-48.54	-25	-23.54	-77.07	-51.3	8.80	11.56	H
	10122	-45.15	-25	-20.15	-77.95	-46.34	10.11	11.30	H
									H
									H
									H
									H
	5061	-55.77	-25	-30.77	-76.82	-60.81	7.52	12.56	V
	7591	-48.55	-25	-23.55	-77.74	-51.31	8.80	11.56	V
	10122	-46.11	-25	-21.11	-78.14	-47.3	10.11	11.30	V
									V
									V
									V
									V
								V	



Highest	5121	-55.73	-25	-30.73	-76.97	-60.63	7.54	12.44	H
	7681	-47.39	-25	-22.39	-75.96	-50.25	8.84	11.70	H
	10242	-44.30	-25	-19.30	-77.06	-45.31	10.21	11.22	H
									H
									H
									H
									H
	5121	-55.67	-25	-30.67	-76.93	-60.57	7.54	12.44	V
	7681	-48.15	-25	-23.15	-77.12	-51.01	8.84	11.70	V
	10242	-45.24	-25	-20.24	-77.39	-46.25	10.21	11.22	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+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	5040	-57.20	-25	-32.20	-78.14	-62.31	7.51	12.62	H
	7560	-50.05	-25	-25.05	-78.73	-52.7	8.79	11.44	H
	10083	-46.30	-25	-21.30	-79.12	-47.49	10.08	11.27	H
									H
									H
									H
									H
	5040	-56.94	-25	-31.94	-77.92	-62.05	7.51	12.62	V
	7560	-49.84	-25	-24.84	-78.93	-52.49	8.79	11.44	V
	10083	-47.16	-25	-22.16	-79.16	-48.35	10.08	11.27	V
									V
									V
									V
									V
Middle	5070	-56.80	-25	-31.80	-77.85	-61.8	7.52	12.52	H
	7602	-50.02	-25	-25.02	-78.51	-52.82	8.81	11.60	H
	10137.6	-45.87	-25	-20.87	-78.67	-47.05	10.12	11.30	H
									H
									H
									H
									H
	5070	-56.90	-25	-31.90	-77.98	-61.9	7.52	12.52	V
	7602	-49.55	-25	-24.55	-78.76	-52.35	8.81	11.60	V
	10137.6	-46.92	-25	-21.92	-78.97	-48.1	10.12	11.30	V
									V
									V
									V
									V
								V	



Highest	5100	-56.92	-25	-31.92	-78.09	-61.79	7.53	12.40	H
	7650	-49.65	-25	-24.65	-78.18	-52.52	8.83	11.70	H
	10201.3	-45.65	-25	-20.65	-78.43	-46.77	10.17	11.30	H
									H
									H
									H
									H
	5100	-57.25	-25	-32.25	-78.43	-62.12	7.53	12.40	V
	7650	-49.72	-25	-24.72	-78.78	-52.59	8.83	11.70	V
	10201.3	-46.55	-25	-21.55	-78.66	-47.67	10.17	11.30	V
									V
									V
									V
									V

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



**LTE Band 30**

LTE Band 30 / 5MHz / 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	4610	-57.22	-40	-17.22	-81.75	-67.51	1.30	11.60	H
	6916	-54.34	-40	-14.34	-84.13	-63.75	1.62	11.03	H
	9221	-51.47	-40	-11.47	-83.32	-60.77	1.90	11.20	H
									H
									H
									H
									H
	4610	-57.13	-40	-17.13	-81.5	-67.42	1.30	11.60	V
	6916	-54.08	-40	-14.08	-84.47	-63.49	1.62	11.03	V
	9221	-52.40	-40	-12.40	-83.4	-61.70	1.90	11.20	V
									V
									V
									V
									V
Middle	4615	-56.71	-40	-16.71	-81.31	-67.00	1.31	11.59	H
	6923	-54.54	-40	-14.54	-84.35	-63.97	1.62	11.05	H
	9231	-51.53	-40	-11.53	-83.38	-60.83	1.90	11.20	H
									H
									H
									H
									H
	4615	-57.06	-40	-17.06	-81.51	-67.35	1.31	11.59	V
	6923	-54.14	-40	-14.14	-84.54	-63.57	1.62	11.05	V
	9231	-51.93	-40	-11.93	-82.93	-61.23	1.90	11.20	V
									V
									V
									V
									V



Highest	4620	-56.88	-40	-16.88	-81.53	-67.16	1.31	11.59	H
	6931	-54.51	-40	-14.51	-84.35	-63.95	1.62	11.06	H
	9241	-51.69	-40	-11.69	-83.54	-60.99	1.90	11.20	H
									H
									H
									H
									H
	4620	-56.97	-40	-16.97	-81.48	-67.25	1.31	11.59	V
	6931	-53.62	-40	-13.62	-84.04	-63.06	1.62	11.06	V
	9241	-51.90	-40	-11.90	-82.89	-61.20	1.90	11.20	V
									V
									V
									V
									V

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



LTE Band 30 / 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)
Middle	4611	-57.23	-40	-17.23	-81.77	-67.52	1.30	11.59	H
	6916	-54.17	-40	-14.17	-83.96	-63.58	1.62	11.03	H
	9222	-51.91	-40	-11.91	-83.76	-61.21	1.90	11.20	H
									H
									H
									H
									H
	4611	-57.29	-40	-17.29	-81.67	-67.58	1.30	11.59	V
	6916	-53.42	-40	-13.42	-83.81	-62.83	1.62	11.03	V
	9222	-52.51	-40	-12.51	-83.5	-61.81	1.90	11.20	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 / 10MHz / 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	4993	-56.03	-25	-31.03	-76.84	-61.27	7.48	12.71	H
	7489	-48.71	-25	-23.71	-77.72	-51.15	8.76	11.20	H
	9986	-45.62	-25	-20.62	-78.43	-46.69	10.01	11.07	H
									H
									H
									H
									H
	4993	-55.57	-25	-30.57	-76.45	-60.81	7.48	12.71	V
	7489	-48.56	-25	-23.56	-77.5	-51	8.76	11.20	V
	9986	-46.03	-25	-21.03	-77.93	-47.1	10.01	11.07	V
									V
									V
									V
									V





Middle	5177	-55.98	-25	-30.98	-77.43	-61.13	7.56	12.72	H
	7766	-48.09	-25	-23.09	-76.76	-51.04	8.88	11.83	H
	10355	-44.12	-25	-19.12	-76.82	-44.75	10.30	10.94	H
									H
									H
									H
									H
	5177	-55.73	-25	-30.73	-77.17	-60.88	7.56	12.72	V
	7766	-48.37	-25	-23.37	-77.09	-51.32	8.88	11.83	V
	10355	-45.07	-25	-20.07	-77.31	-45.7	10.30	10.94	V
									V
									V
									V
									V
Highest	5361	-55.63	-25	-30.63	-78.2	-61.57	7.64	13.58	H
	8041	-47.62	-25	-22.62	-76.81	-49.82	9.02	11.22	H
	10722	-45.33	-25	-20.33	-77.95	-45.7	10.50	10.88	H
									H
									H
									H
									H
	5361	-55.93	-25	-30.93	-78.4	-61.87	7.64	13.58	V
	8041	-46.08	-25	-21.08	-75.33	-48.28	9.02	11.22	V
	10722	-45.34	-25	-20.34	-77.83	-45.71	10.50	10.88	V
									V
									V
									V
									V

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



**LTE Band 41C**

LTE CA_41C / 20MHz+20MHz / QPSK+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	-55.73	-25	-30.73	-76.63	-60.87	7.50	12.64	H
	7544	-48.63	-25	-23.63	-77.4	-51.23	8.78	11.38	H
	10058	-44.81	-25	-19.81	-77.65	-45.97	10.06	11.22	H
									H
									H
									H
									H
	5028	-55.76	-25	-30.76	-76.7	-60.9	7.50	12.64	V
	7544	-48.35	-25	-23.35	-77.4	-50.95	8.78	11.38	V
	10058	-46.13	-25	-21.13	-78.11	-47.29	10.06	11.22	V
									V
									V
									V
									V



Middle	5184	-56.04	-25	-31.04	-77.51	-61.24	7.57	12.77	H
	7776	-48.10	-25	-23.10	-76.78	-51.07	8.89	11.85	H
	10366	-44.26	-25	-19.26	-76.95	-44.85	10.31	10.90	H
									H
									H
									H
									H
	5184	-55.85	-25	-30.85	-77.31	-61.05	7.57	12.77	V
	7776	-48.16	-25	-23.16	-76.85	-51.13	8.89	11.85	V
	10366	-44.82	-25	-19.82	-77.07	-45.41	10.31	10.90	V
									V
									V
									V
									V
Highest	5340	-56.08	-25	-31.08	-78.52	-62.01	7.63	13.56	H
	8010	-47.63	-25	-22.63	-76.84	-49.91	9.00	11.28	H
	10673	-45.24	-25	-20.24	-77.85	-45.68	10.49	10.93	H
									H
									H
									H
									H
	5340	-56.19	-25	-31.19	-78.53	-62.12	7.63	13.56	V
	8010	-47.76	-25	-22.76	-76.98	-50.04	9.00	11.28	V
	10673	-45.66	-25	-20.66	-78.12	-46.1	10.49	10.93	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 / 10MHz / 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	3421	-57.64	-13	-44.64	-74.22	-64.47	5.67	12.50	H
	5131	-55.05	-13	-42.05	-76.34	-59.97	7.55	12.46	H
	6842	-50.66	-13	-37.66	-77.98	-54.44	8.44	12.22	H
									H
									H
									H
									H
	3421	-57.35	-13	-44.35	-74.41	-64.18	5.67	12.50	V
	5131	-47.74	-13	-34.74	-69.03	-52.66	7.55	12.46	V
	6842	-50.61	-13	-37.61	-77.86	-54.39	8.44	12.22	V
									V
									V
									V
									V
Middle	3481	-57.39	-13	-44.39	-74.5	-64.11	5.72	12.44	H
	5221	-54.37	-13	-41.37	-76.04	-59.81	7.58	13.03	H
	6962	-50.37	-13	-37.37	-77.11	-53.75	8.52	11.90	H
	8702	-48.35	-13	-35.35	-78.03	-50.50	9.44	11.59	H
									H
									H
									H
	3481	-57.31	-13	-44.31	-74.78	-64.03	5.72	12.44	V
	5221	-54.52	-13	-41.52	-76.17	-59.96	7.58	13.03	V
	6962	-49.59	-13	-36.59	-77.21	-52.97	8.52	11.90	V
	8702	-38.79	-13	-25.79	-67.73	-40.94	9.44	11.59	V
									V
									V
									V
								V	



Highest	3541	-57.41	-13	-44.41	-74.65	-63.79	5.78	12.15	H
	5311	-55.17	-13	-42.17	-77.42	-60.99	7.62	13.44	H
	7082	-49.94	-13	-36.94	-77.17	-52.83	8.58	11.47	H
									H
									H
									H
									H
	3541	-57.31	-13	-44.31	-74.72	-63.69	5.78	12.15	V
	5311	-48.29	-13	-35.29	-70.47	-54.11	7.62	13.44	V
	7082	-48.98	-13	-35.98	-76.99	-51.87	8.58	11.47	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+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	3459	-57.22	-13	-44.22	-74.14	-64.00	5.70	12.48	H
	5189	-56.47	-13	-43.47	-77.96	-61.71	7.57	12.81	H
	6919	-50.76	-13	-37.76	-77.71	-54.23	8.49	11.96	H
									H
									H
									H
									H
	3459	-57.32	-13	-44.32	-74.64	-64.10	5.70	12.48	V
	5189	-56.34	-13	-43.34	-77.82	-61.58	7.57	12.81	V
	6919	-49.64	-13	-36.64	-77.13	-53.11	8.49	11.96	V
									V
									V
									V
									V
Middle	3510	-57.35	-13	-44.35	-74.62	-63.94	5.75	12.34	H
	5265	-52.96	-13	-39.96	-74.92	-58.62	7.60	13.26	H
	7020	-50.25	-13	-37.25	-76.97	-53.47	8.56	11.78	H
									H
									H
									H
									H
	3510	-57.21	-13	-44.21	-74.76	-63.80	5.75	12.34	V
	5265	-56.35	-13	-43.35	-78.26	-62.01	7.60	13.26	V
	7020	-49.11	-13	-36.11	-76.92	-52.33	8.56	11.78	V
									V
									V
									V
									V



Highest	3520	-57.58	-13	-44.58	-74.84	-64.10	5.76	12.28	H
	5280	-52.38	-13	-39.38	-74.44	-58.09	7.61	13.32	H
	7040	-50.09	-13	-37.09	-76.98	-53.18	8.57	11.66	H
									H
									H
									H
									H
	3520	-57.19	-13	-44.19	-74.68	-63.71	5.76	12.28	V
	5280	-54.34	-13	-41.34	-76.34	-60.05	7.61	13.32	V
	7040	-49.38	-13	-36.38	-77.25	-52.47	8.57	11.66	V
									V
									V
									V
									V

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



<Ant. 1>

**LTE Band 5B**

LTE Band 5B / 10MHz+10MHz / QPSK+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	1668	-63.39	-13	-50.39	-72.85	-66.94	3.90	9.61	H
	2502	-60.13	-13	-47.13	-73.65	-63.76	4.83	10.61	H
	3336	-58.65	-13	-45.65	74.47	-63.25	5.59	12.34	H
									H
									H
									H
									H
	1668	-63.16	-13	-50.16	-72.72	-66.71	3.90	9.61	V
	2502	-59.27	-13	-46.27	-73.22	-62.9	4.83	10.61	V
	3336	-58.14	-13	-45.14	74.46	-62.74	5.59	12.34	V
									V
									V
									V
									V





Middle	1673	-62.66	-13	-49.66	-72.12	-66.24	3.91	9.64	H
	2510	-59.59	-13	-46.59	-73.13	-63.26	4.84	10.66	H
	3346	-57.93	-13	-44.93	-73.75	-62.57	5.60	12.38	H
									H
									H
									H
									H
	1673	-62.78	-13	-49.78	-72.36	-66.36	3.91	9.64	V
	2510	-59.54	-13	-46.54	-73.48	-63.21	4.84	10.66	V
	3346	-57.81	-13	-44.81	-74.13	-62.45	5.60	12.38	V
									V
									V
									V
									V
Highest	1678	-63.26	-13	-50.26	-72.75	-66.86	3.92	9.67	H
	2517	-60.23	-13	-47.23	-73.78	-63.94	4.85	10.70	H
	3356	-58.69	-13	-45.69	-74.5	-63.34	5.61	12.41	H
									H
									H
									H
									H
	1678	-63.08	-13	-50.08	-72.69	-66.68	3.92	9.67	V
	2517	-59.70	-13	-46.70	-73.62	-63.41	4.85	10.70	V
	3356	-58.31	-13	-45.31	-74.63	-62.96	5.61	12.41	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	1399	-62.92	-13	-49.92	-71.81	-64.59	3.57	7.39	H
	2098	-57.89	-13	-44.89	-70.41	-61.06	4.40	9.72	H
	2798	-59.23	-13	-46.23	-74.15	-62.98	5.10	11.00	H
									H
									H
									H
									H
	1399	-63.28	-13	-50.28	-72.24	-64.95	3.57	7.39	V
	2098	-57.98	-13	-44.98	-71.02	-61.15	4.40	9.72	V
	2798	-58.27	-13	-45.27	-73.35	-62.02	5.10	11.00	V
									V
									V
									V
									V
Middle	1406	-63.15	-13	-50.15	-72.14	-64.84	3.58	7.42	H
	2109	-58.59	-13	-45.59	-71.23	-61.66	4.41	9.63	H
	2812	-59.23	-13	-46.23	-74.19	-62.97	5.11	11.00	H
									H
									H
									H
									H
	1406	-63.45	-13	-50.45	-72.46	-65.14	3.58	7.42	V
	2109	-58.32	-13	-45.32	-71.50	-61.39	4.41	9.63	V
	2812	-58.87	-13	-45.87	-73.98	-62.61	5.11	11.00	V
									V
									V
									V
									V



Highest	1413	-63.40	-13	-50.40	-72.43	-65.11	3.59	7.45	H
	2119	-52.91	-13	-39.91	-65.68	-55.89	4.42	9.55	H
	2826	-58.77	-13	-45.77	-73.79	-62.50	5.12	11.00	H
									H
									H
									H
									H
	1413	-63.37	-13	-50.37	-72.43	-65.08	3.59	7.45	V
	2119	-54.65	-13	-41.65	-67.97	-57.63	4.42	9.55	V
	2826	-58.63	-13	-45.63	-73.78	-62.36	5.12	11.00	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 )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)	
Lowest	1554	-63.15	-13	-50.15	-72.44	-66.06	3.77	8.83	H	
	2332	-59.73	-13	-46.73	-73.42	-62.66	4.65	9.73	H	
	3109	-58.75	-13	-45.75	-74.48	-62.52	5.38	11.30	H	
										H
										H
										H
										H
	1554	-63.04	-13	-50.04	-72.44	-65.95	3.77	8.83	V	
	2332	-59.47	-13	-46.47	-73.45	-62.40	4.65	9.73	V	
	3109	-57.90	-13	-44.90	-73.83	-61.67	5.38	11.30	V	
										V
										V
										V
										V
Middle	1559	-63.02	-42.15	-20.87	-72.29	-65.96	3.78	8.87	H	
	2339	-60.14	-13	-47.14	-73.82	-63.09	4.66	9.76	H	
	3119	-58.43	-13	-45.43	-74.19	-62.19	5.39	11.30	H	
										H
										H
										H
										H
	1559	-62.96	-42.15	-20.81	-72.34	-65.90	3.78	8.87	V	
	2339	-59.37	-13	-46.37	-73.33	-62.32	4.66	9.76	V	
	3119	-58.25	-13	-45.25	-74.23	-62.01	5.39	11.30	V	
										V
										V
										V
										V



Highest	1564	-62.95	-42.15	-20.80	-72.20	-65.93	3.78	8.91	H
	2347	-59.68	-13	-46.68	-73.36	-62.65	4.66	9.79	H
	3129	-58.47	-13	-45.47	-74.24	-62.22	5.40	11.30	H
									H
									H
									H
									H
	1564	-63.25	-42.15	-21.10	-72.62	-66.23	3.78	8.91	V
	2347	-59.71	-13	-46.71	-73.64	-62.68	4.66	9.79	V
	3129	-58.15	-13	-45.15	-74.17	-61.90	5.40	11.30	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 )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1555	-63.09	-13	-50.09	-72.38	-66.01	3.77	8.84	H
	2332	-60.03	-13	-47.03	-73.72	-62.96	4.65	9.73	H
	3110	-58.87	-13	-45.87	-74.61	-62.64	5.38	11.30	H
									H
									H
									H
									H
	1555	-63.23	-13	-50.23	-72.64	-66.15	3.77	8.84	V
	2332	-59.42	-13	-46.42	-73.4	-62.35	4.65	9.73	V
	3110	-58.48	-13	-45.48	-74.41	-62.25	5.38	11.30	V
									V
									V
									V
									V

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



**Part 90R LTE Band 14**

LTE Band 14 / 5MHz / 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	1576	-62.99	-42.15	-20.84	-72.20	-66.05	3.80	9.01	H
	2365	-57.96	-13	-44.96	-71.64	-61.05	4.68	9.92	H
	3153	-58.15	-13	-45.15	-73.96	-61.89	5.42	11.31	H
									H
									H
									H
									H
	1576	-62.72	-42.15	-20.57	-72.06	-65.78	3.80	9.01	V
	2365	-56.23	-13	-43.23	-70.11	-59.32	4.68	9.92	V
	3153	-57.70	-13	-44.70	-73.82	-61.44	5.42	11.31	V
									V
									V
									V
									V
Middle	1581	-63.14	-42.15	-20.99	-72.33	-66.23	3.80	9.05	H
	2372	-60.06	-13	-47.06	-73.73	-63.19	4.69	9.98	H
	3163	-57.90	-13	-44.90	-73.74	-61.67	5.43	11.35	H
									H
									H
									H
									H
	1581	-63.00	-42.15	-20.85	-72.32	-66.09	3.80	9.05	V
	2372	-58.34	-13	-45.34	-72.19	-61.47	4.69	9.98	V
	3163	-57.84	-13	-44.84	-74.01	-61.61	5.43	11.35	V
									V
									V
									V
									V



Highest	1586	-63.04	-42.15	-20.89	-72.21	-66.17	3.81	9.09	H
	2380	-56.25	-13	-43.25	-69.93	-59.44	4.70	10.04	H
	3173	-57.82	-13	-44.82	-73.67	-61.62	5.44	11.39	H
									H
									H
									H
									H
	1586	-62.73	-42.15	-20.58	-72.03	-65.86	3.81	9.09	V
	2380	-54.56	-13	-41.56	-68.39	-57.75	4.70	10.04	V
	3173	-57.81	-13	-44.81	-74.02	-61.61	5.44	11.39	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 )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1577	-62.87	-42.15	-20.72	-72.08	-65.94	3.80	9.02	H
	2365	-59.95	-13	-46.95	-73.63	-63.04	4.68	9.92	H
	3154	-57.67	-13	-44.67	-73.49	-61.41	5.42	11.32	H
									H
									H
									H
									H
	1577	-62.58	-42.15	-20.43	-71.91	-65.65	3.80	9.02	V
	2365	-59.69	-13	-46.69	-73.57	-62.78	4.68	9.92	V
	3154	-57.58	-13	-44.58	-73.71	-61.32	5.42	11.32	V
									V
									V
									V
									V

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



**Part 22H LTE Band 26**

Part 22H LTE Band 26 / 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	1649	-63.01	-13	-50.01	-72.36	-66.47	3.88	9.49	H
	2474	-56.32	-13	-43.32	-69.89	-59.92	4.80	10.55	H
	3298	-58.83	-13	-45.83	-74.67	-63.31	5.55	12.19	H
									H
									H
									H
									H
	1649	-62.72	-13	-49.72	-72.2	-66.18	3.88	9.49	V
	2474	-53.61	-13	-40.61	-67.52	-57.21	4.80	10.55	V
	3298	-58.33	-13	-45.33	-74.65	-62.81	5.55	12.19	V
									V
									V
									V
									V
Middle	1664	-63.13	-13	-50.13	-72.55	-66.66	3.90	9.58	H
	2496	-54.91	-13	-41.91	-68.43	-58.53	4.83	10.59	H
	3328	-59.17	-13	-46.17	-75	-63.75	5.58	12.31	H
									H
									H
									H
									H
	1664	-62.89	-13	-49.89	-72.43	-66.42	3.90	9.58	V
	2496	-55.21	-13	-42.21	-69.16	-58.83	4.83	10.59	V
	3328	-58.40	-13	-45.40	-74.72	-62.98	5.58	12.31	V
									V
									V
									V
									V



Highest	1679	-61.86	-13	-48.86	-71.35	-65.47	3.92	9.67	H
	2519	-55.48	-13	-42.48	-69.04	-59.2	4.85	10.71	H
	5877	-58.92	-13	-45.92	-74.73	-62.01	8.01	13.25	H
									H
									H
									H
									H
	1679	-62.55	-13	-49.55	-72.16	-66.16	3.92	9.67	V
	2519	-54.86	-13	-41.86	-68.78	-58.58	4.85	10.71	V
	3358	-58.20	-13	-45.20	-74.52	-62.86	5.61	12.42	V
									V
									V
									V
									V

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



**Part 90S LTE Band 26**

Part 90S LTE Band 26 / 5MHz / 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	1628	-63.08	-13	-50.08	-72.34	-66.44	3.86	9.37	H
	2443	-59.81	-13	-46.81	-73.42	-63.35	4.77	10.46	H
	3257	-58.47	-13	-45.47	-74.34	-62.75	5.52	11.94	H
									H
									H
									H
									H
	1628	-63.11	-13	-50.11	-72.5	-66.47	3.86	9.37	V
	2443	-59.77	-13	-46.77	-73.62	-63.31	4.77	10.46	V
	3257	-58.00	-13	-45.00	-74.33	-62.28	5.52	11.94	V
									V
									V
									V
									V
Middle	1633	-63.14	-13	-50.14	-72.41	-66.52	3.86	9.40	H
	2450	-59.85	-13	-46.85	-73.44	-63.42	4.78	10.50	H
	3267	-58.60	-13	-45.60	-74.46	-62.93	5.53	12.00	H
									H
									H
									H
									H
	1633	-63.23	-13	-50.23	-72.63	-66.61	3.86	9.40	V
	2450	-59.37	-13	-46.37	-73.23	-62.94	4.78	10.50	V
	3267	-58.10	-13	-45.10	-74.43	-62.43	5.53	12.00	V
									V
									V
									V
									V



Highest	1638	-63.30	-13	-50.30	-72.6	-66.71	3.87	9.43	H
	2458	-59.71	-13	-46.71	-73.29	-63.29	4.78	10.52	H
	3277	-58.60	-13	-45.60	-74.45	-62.98	5.53	12.06	H
									H
									H
									H
									H
	1638	-63.03	-13	-50.03	-72.46	-66.44	3.87	9.43	V
	2458	-59.24	-13	-46.24	-73.12	-62.82	4.78	10.52	V
	3277	-58.26	-13	-45.26	-74.58	-62.64	5.53	12.06	V
									V
									V
									V
									V

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



Part 90S LTE Band 26 / 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)
Middle	1629	-63.47	-13	-50.47	-72.73	-66.83	3.86	9.37	H
	2444	-60.11	-13	-47.11	-73.72	-63.65	4.77	10.46	H
	3258	-58.38	-13	-45.38	-74.25	-62.66	5.52	11.95	H
									H
									H
									H
									H
	1629	-63.13	-13	-50.13	-72.52	-66.49	3.86	9.37	V
	2444	-59.52	-13	-46.52	-73.37	-63.06	4.77	10.46	V
	3258	-58.19	-13	-45.19	-74.52	-62.47	5.52	11.95	V
									V
									V
									V
									V

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



Part 90S 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	1630	-63.51	-13	-50.51	-72.77	-66.88	3.86	9.38	H
	2445	-59.49	-13	-46.49	-73.09	-63.04	4.77	10.47	H
	3259	-58.69	-13	-45.69	-74.56	-62.98	5.52	11.95	H
									H
									H
									H
									H
	1630	-63.35	-13	-50.35	-72.74	-66.72	3.86	9.38	V
	2445	-59.19	-13	-46.19	-73.05	-62.74	4.77	10.47	V
	3259	-58.11	-13	-45.11	-74.44	-62.4	5.52	11.95	V
									V
									V
									V
									V

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



Part 90S LTE Band 26 824MHz / 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	1635	-63.38	-13	-50.38	-72.66	-66.77	3.87	9.41	H
	2452	-49.95	-13	-36.95	-63.53	-53.53	4.78	10.50	H
	3269	-58.66	-13	-45.66	-74.52	-63	5.53	12.01	H
									H
									H
									H
									H
	1635	-63.00	-13	-50.00	-72.41	-66.39	3.87	9.41	V
	2452	-48.32	-13	-35.32	-62.19	-51.9	4.78	10.50	V
	3269	-57.84	-13	-44.84	-74.16	-62.18	5.53	12.01	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 / 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	1327	-63.09	-13	-50.09	-71.31	-66.47	3.47	6.85	H
	1990	-56.17	-13	-43.17	-67.5	-62.09	4.28	10.20	H
	2654	-59.43	-13	-46.43	-73.47	-65.26	4.97	10.80	H
									H
									H
									H
									H
	1327	-63.30	-13	-50.30	-71.52	-66.68	3.47	6.85	V
	1990	-54.56	-13	-41.56	-66.26	-60.48	4.28	10.20	V
	2654	-59.85	-13	-46.85	-73.98	-65.68	4.97	10.80	V
									V
									V
									V
									V
Middle	1347	-63.26	-13	-50.26	-71.68	-66.66	3.50	6.89	H
	2020	-54.79	-13	-41.79	-66.42	-60.68	4.31	10.20	H
	2694	-60.02	-13	-47.02	-74.31	-65.82	5.00	10.80	H
									H
									H
									H
									H
	1347	-63.33	-13	-50.33	-71.75	-66.73	3.50	6.89	V
	2020	-56.59	-13	-43.59	-68.64	-62.48	4.31	10.20	V
	2694	-59.95	-13	-46.95	-74.65	-65.75	5.00	10.80	V
									V
									V
									V
									V



Highest	1377	-62.79	-13	-49.79	-71.52	-66.42	3.54	7.17	H
	2065	-54.15	-13	-41.15	-66.28	-59.84	4.36	10.05	H
	2754	-59.49	-13	-46.49	-74.14	-65.34	5.06	10.91	H
									H
									H
									H
									H
	1377	-63.17	-13	-50.17	-71.91	-66.80	3.54	7.17	V
	2065	-53.84	-13	-40.84	-66.45	-59.53	4.36	10.05	V
	2754	-59.26	-13	-46.26	-74.06	-65.11	5.06	10.91	V
									V
									V
									V
									V

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

————THE END————