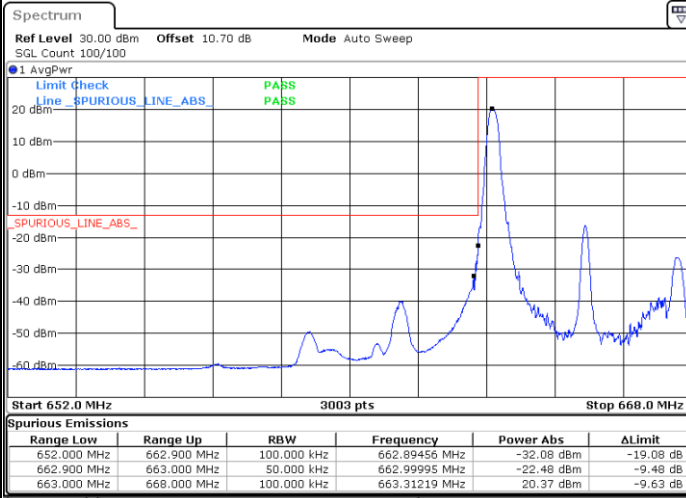




# Conducted Band Edge

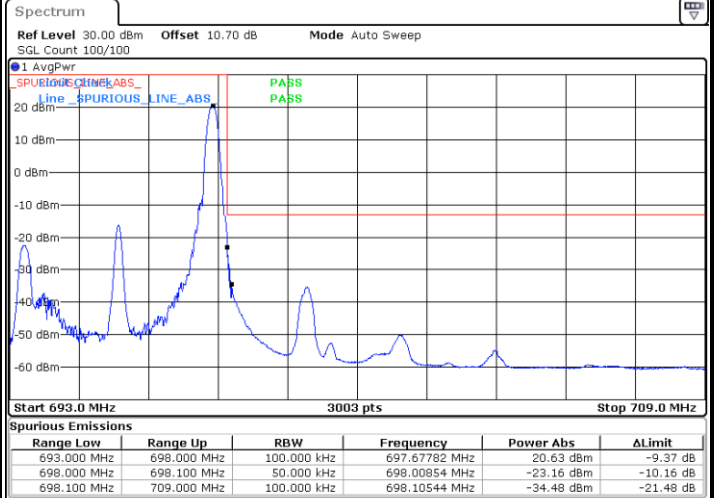
## LTE Band 71 / 5MHz / QPSK

### Lowest Band Edge / 1 RB



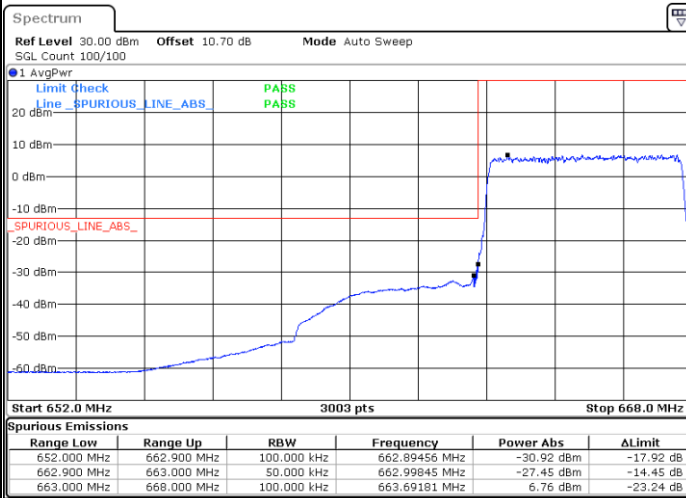
Date: 19.MAY.2023 13:06:21

### Highest Band Edge / 1 RB



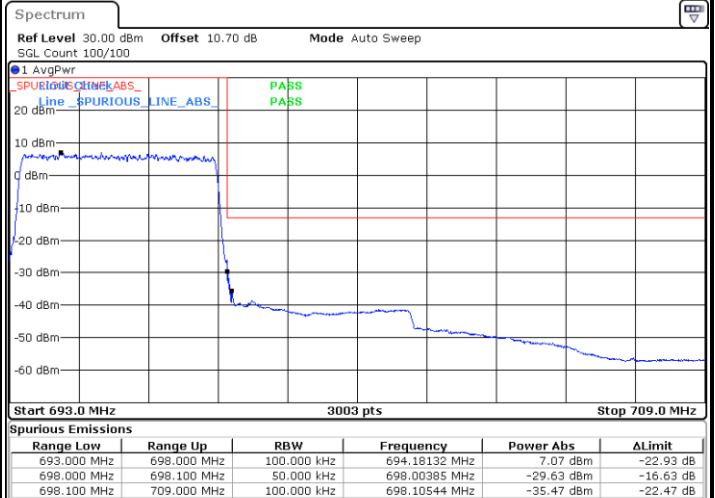
Date: 19.MAY.2023 13:14:29

### Lowest Band Edge / Full RB



Date: 19.MAY.2023 13:08:20

### Highest Band Edge / Full RB

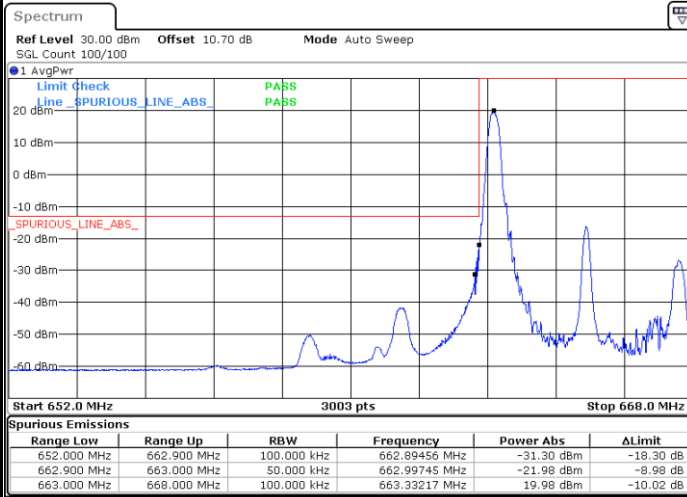


Date: 19.MAY.2023 13:16:28



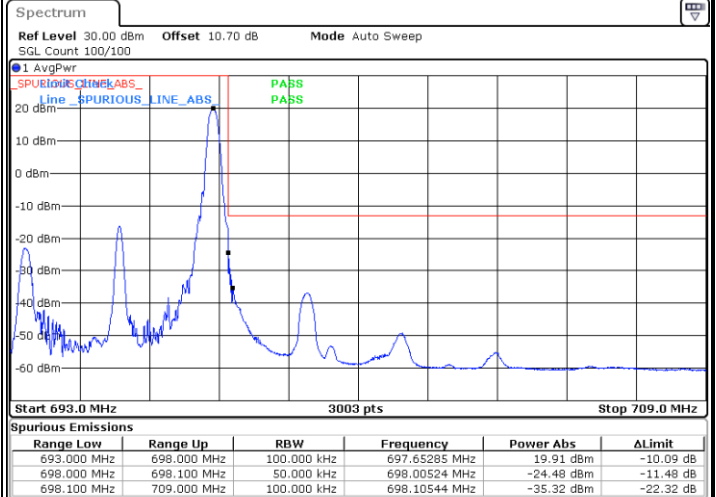
LTE Band 71 / 5MHz / 16QAM

Lowest Band Edge / 1RB



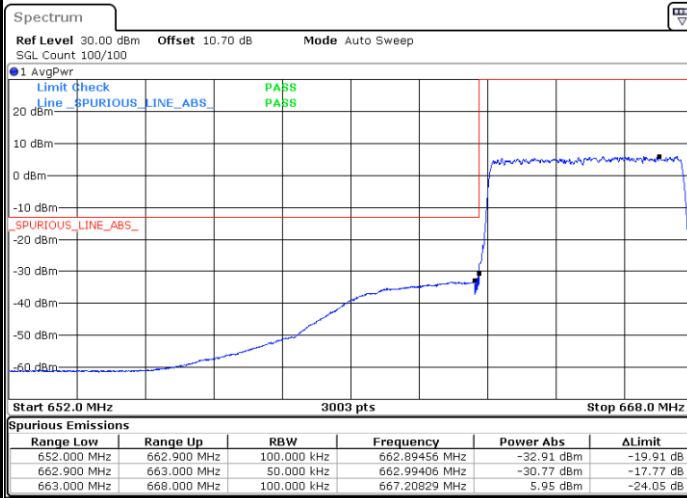
Date: 19.MAY.2023 13:07:20

Highest Band Edge / 1 RB



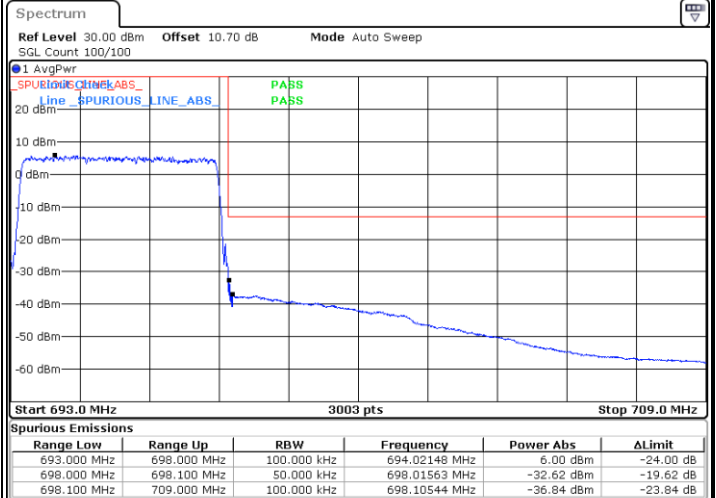
Date: 19.MAY.2023 13:15:28

Lowest Band Edge / Full RB



Date: 19.MAY.2023 13:09:19

Highest Band Edge / Full RB

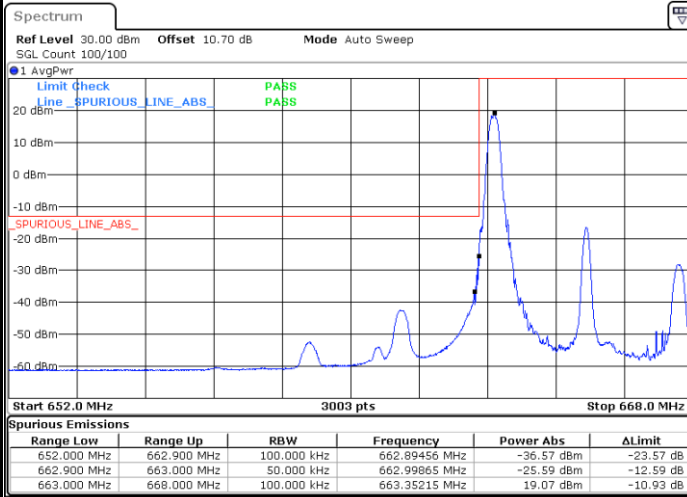


Date: 19.MAY.2023 13:17:27



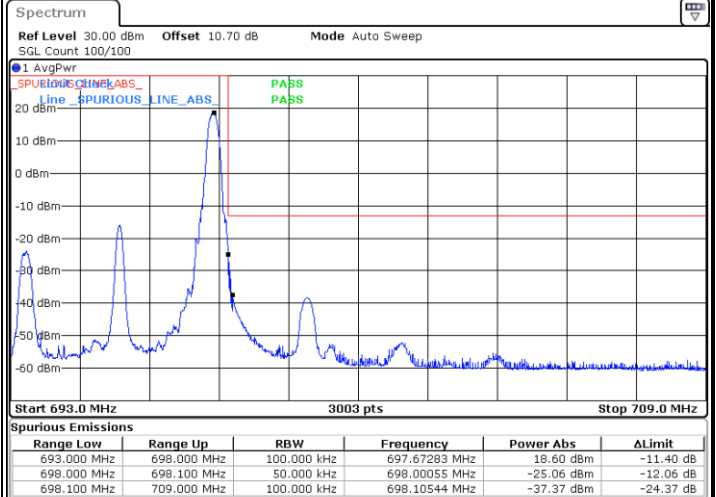
LTE Band 71 / 5MHz / 64QAM

Lowest Band Edge / 1RB



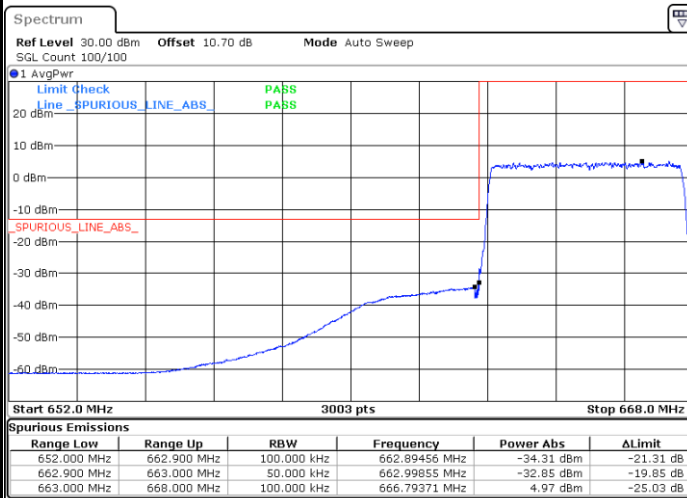
Date: 19.MAY.2023 13:19:34

Highest Band Edge / 1 RB



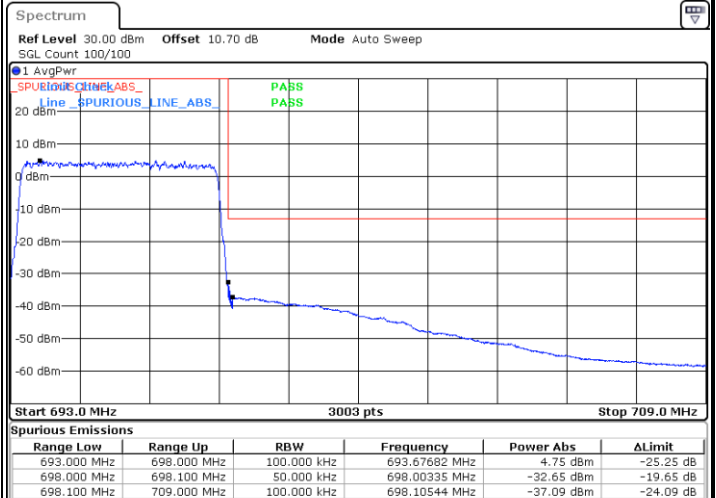
Date: 19.MAY.2023 13:22:16

Lowest Band Edge / Full RB



Date: 19.MAY.2023 13:20:34

Highest Band Edge / Full RB

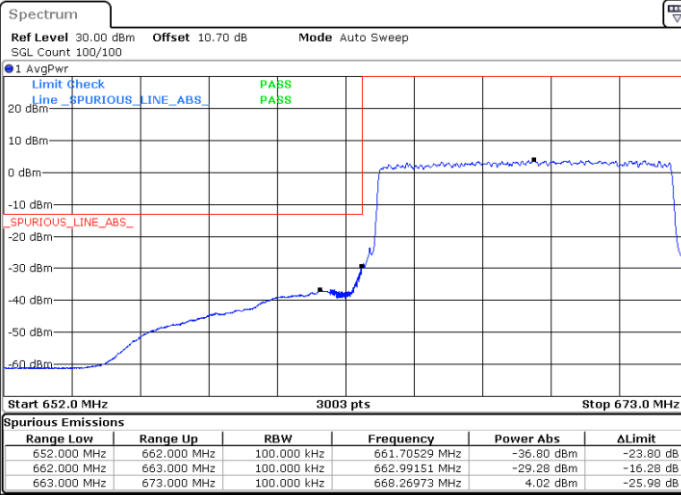


Date: 19.MAY.2023 13:23:15



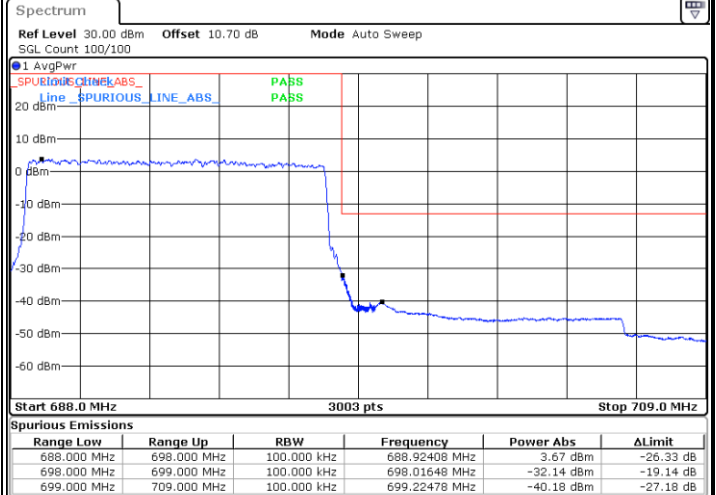
LTE Band 71 / 10MHz / QPSK

Lowest Band Edge / Full RB



Date: 19.MAY.2023 13:24:20

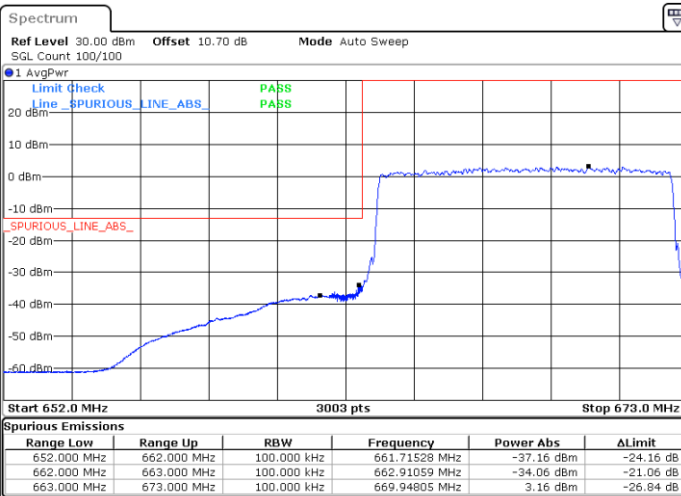
Highest Band Edge / Full RB



Date: 19.MAY.2023 13:28:14

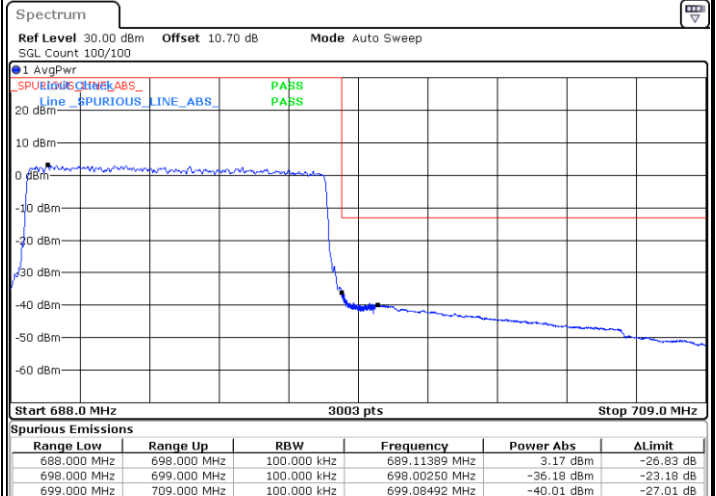
LTE Band 71 / 10MHz / 16QAM

Lowest Band Edge / Full RB



Date: 19.MAY.2023 13:25:19

Highest Band Edge / Full RB



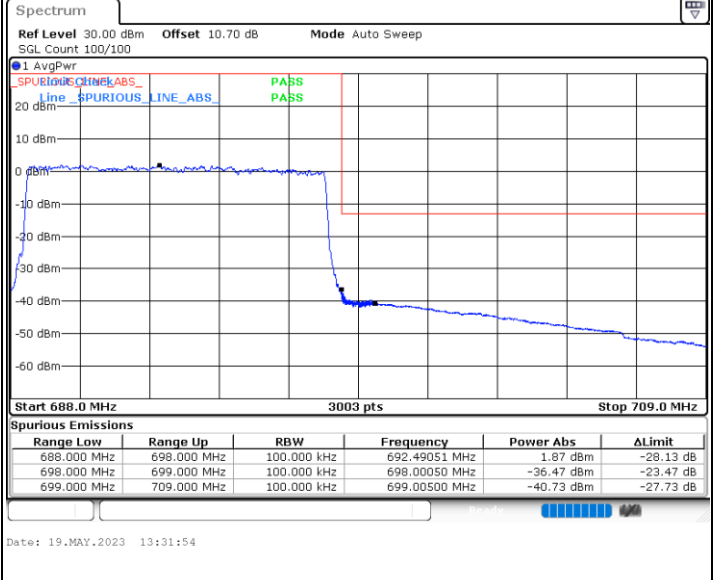
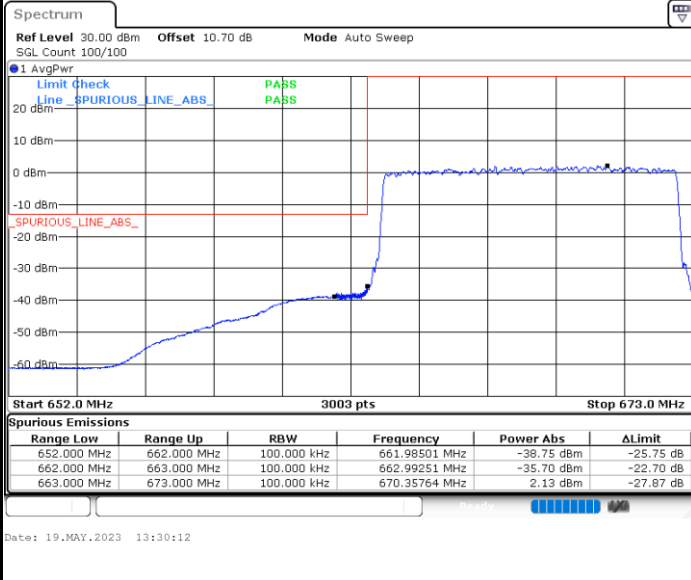
Date: 19.MAY.2023 13:29:13



LTE Band 71 / 10MHz / 64QAM

Lowest Band Edge / Full RB

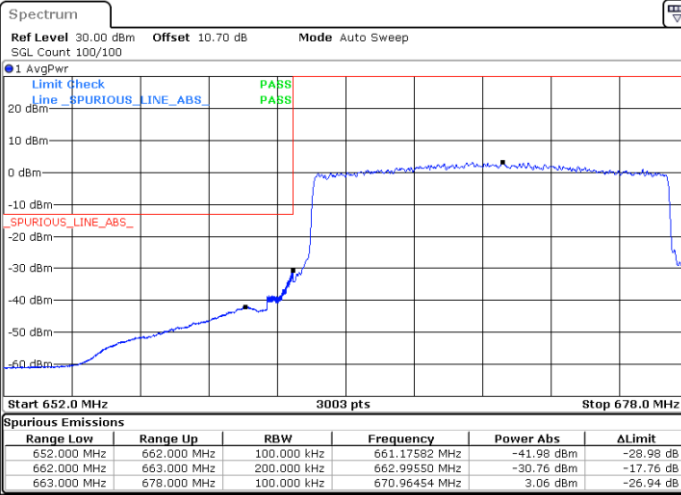
Highest Band Edge / Full RB





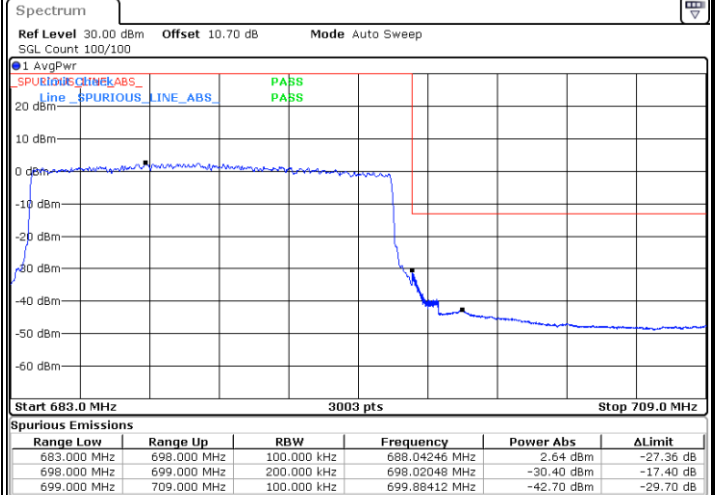
LTE Band 71 / 15MHz / QPSK

Lowest Band Edge / Full RB



Date: 19.MAY.2023 13:32:58

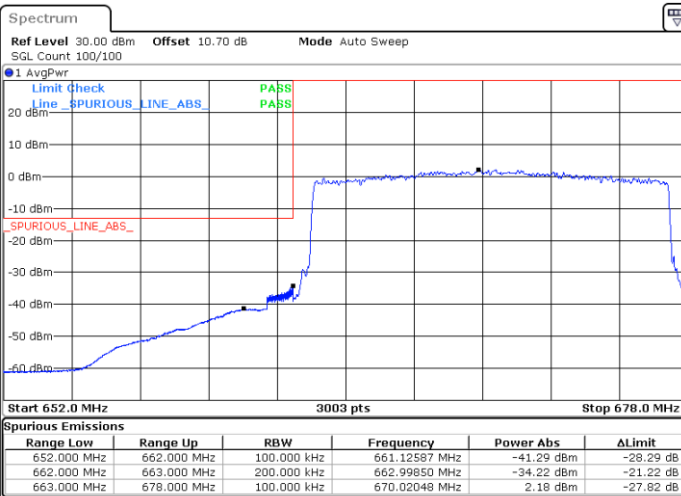
Highest Band Edge / Full RB



Date: 19.MAY.2023 13:36:52

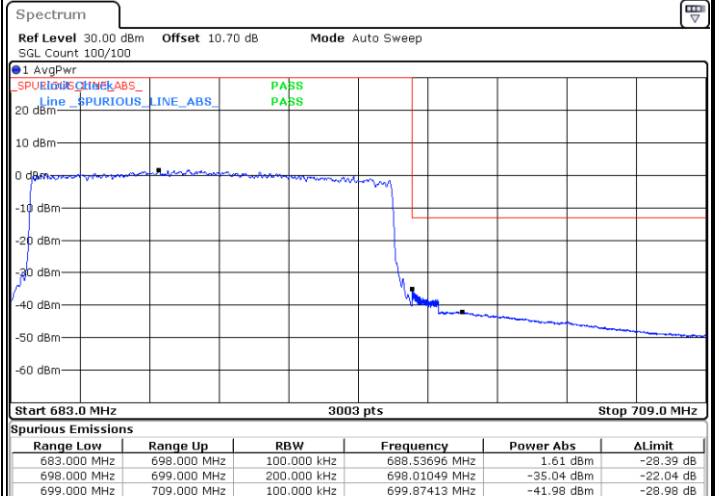
LTE Band 71 / 15MHz / 16QAM

Lowest Band Edge / Full RB



Date: 19.MAY.2023 13:33:58

Highest Band Edge / Full RB



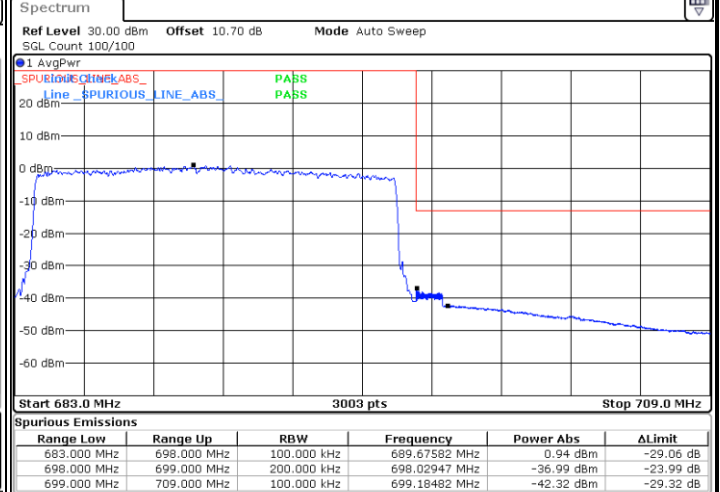
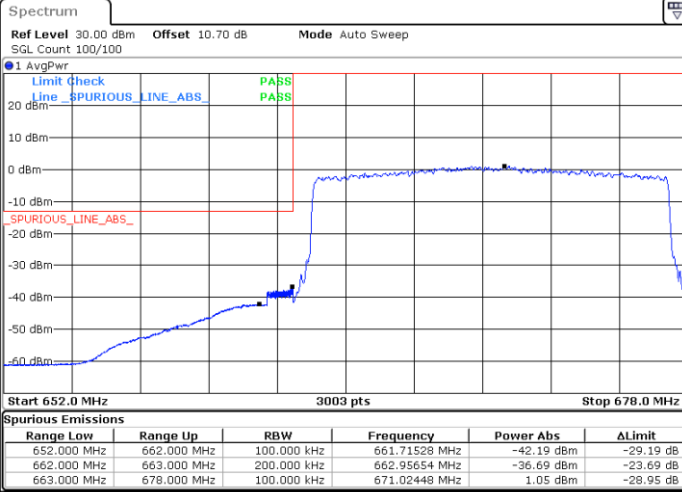
Date: 19.MAY.2023 13:37:51



LTE Band 71 / 15MHz / 64QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



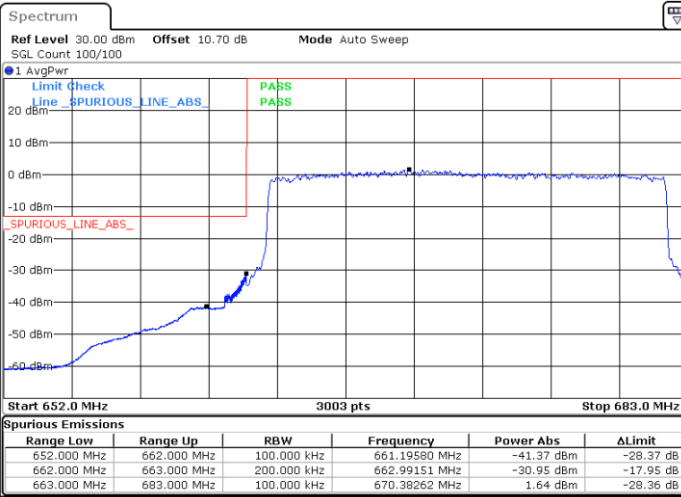
Date: 19.MAY.2023 13:38:51

Date: 19.MAY.2023 13:40:33



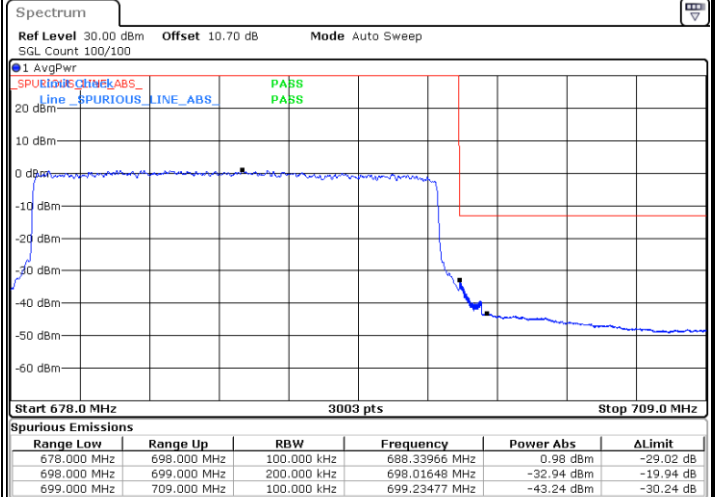
LTE Band 71 / 20MHz / QPSK

Lowest Band Edge / Full RB



Date: 19.MAY.2023 13:41:37

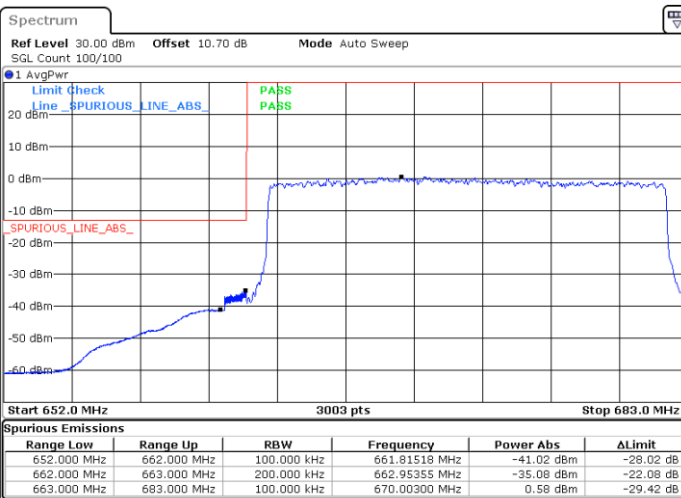
Highest Band Edge / Full RB



Date: 19.MAY.2023 13:46:30

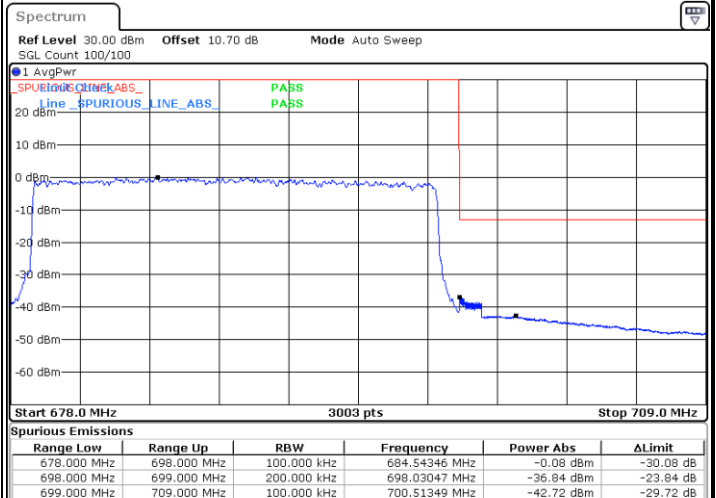
LTE Band 71 / 20MHz / 16QAM

Lowest Band Edge / Full RB



Date: 19.MAY.2023 13:42:36

Highest Band Edge / Full RB



Date: 19.MAY.2023 13:45:30

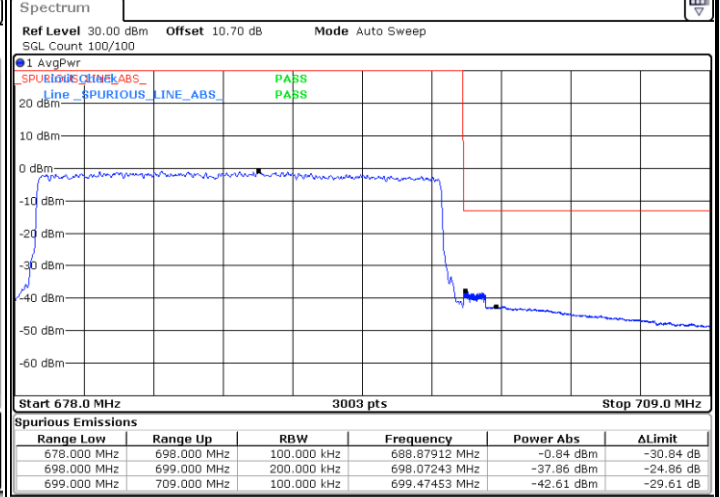
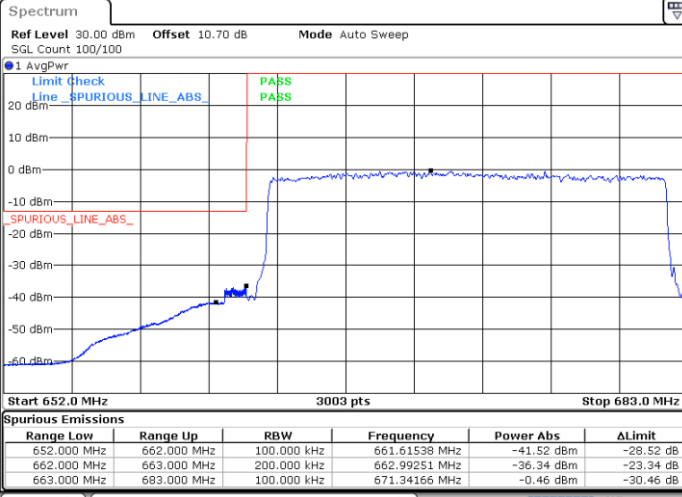




LTE Band 71 / 20MHz / 64QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 19.MAY.2023 13:47:32

Date: 19.MAY.2023 13:49:15

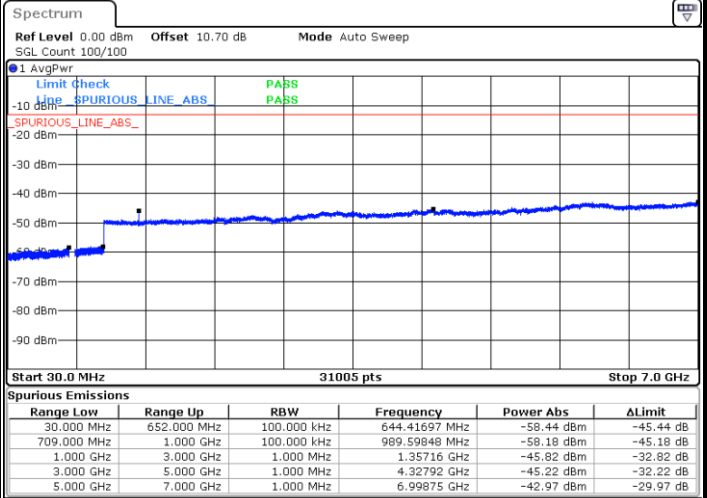
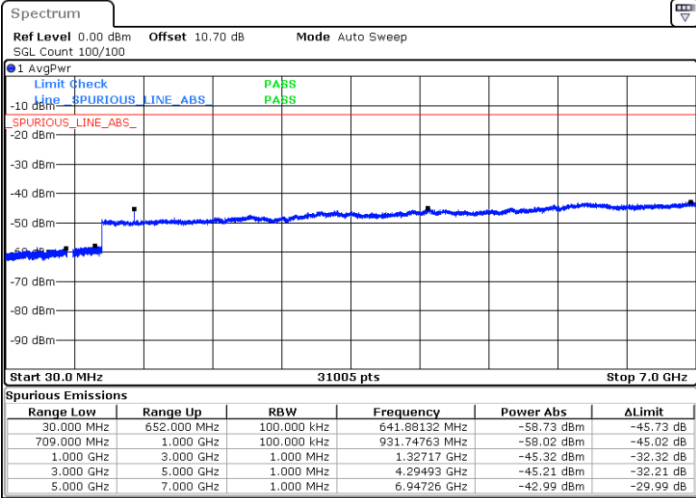


# Conducted Spurious Emission

## LTE Band 71 / 5MHz

### Lowest Channel / QPSK

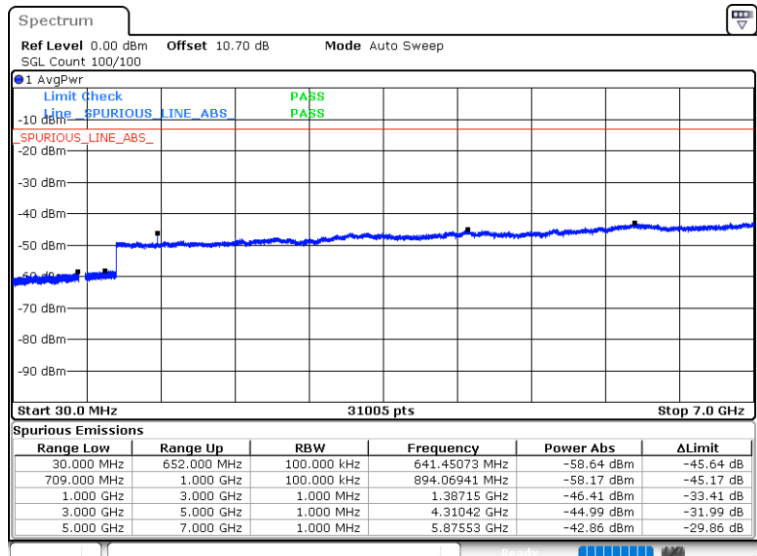
### Middle Channel / QPSK



Date: 19.MAY.2023 13:10:28

Date: 19.MAY.2023 13:13:31

### Highest Channel / QPSK

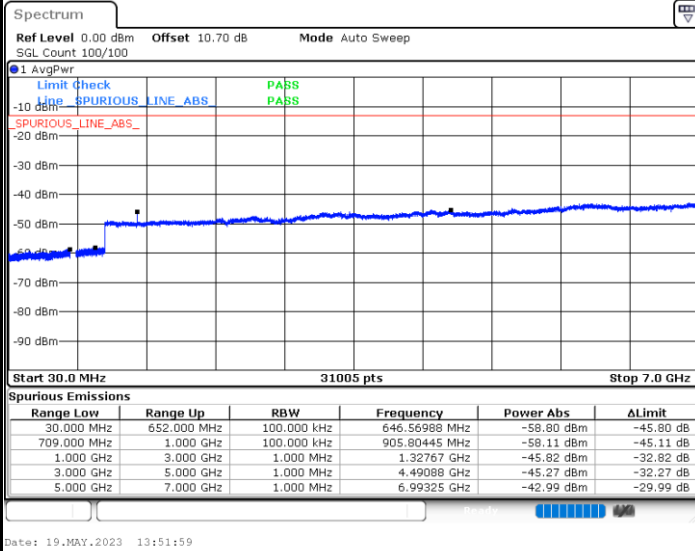


Date: 19.MAY.2023 13:18:36

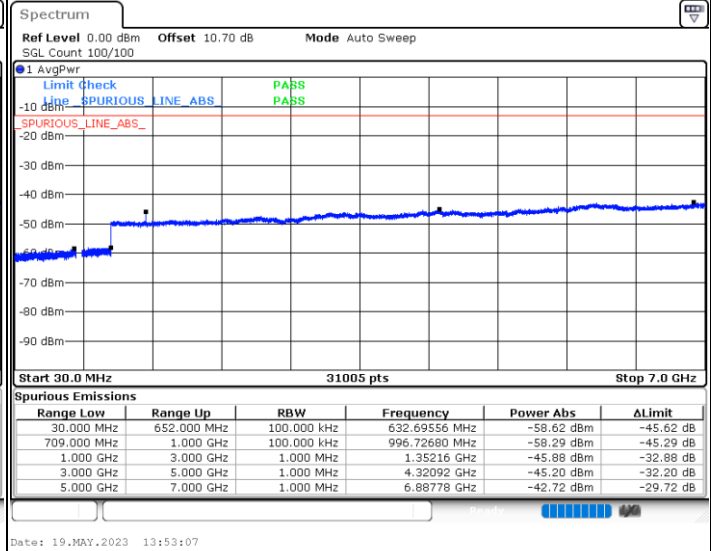


LTE Band 71 / 10MHz

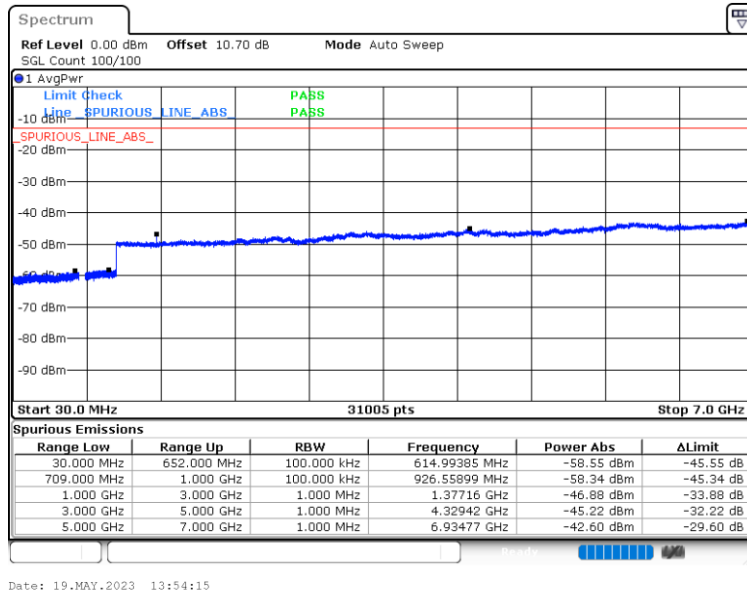
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK

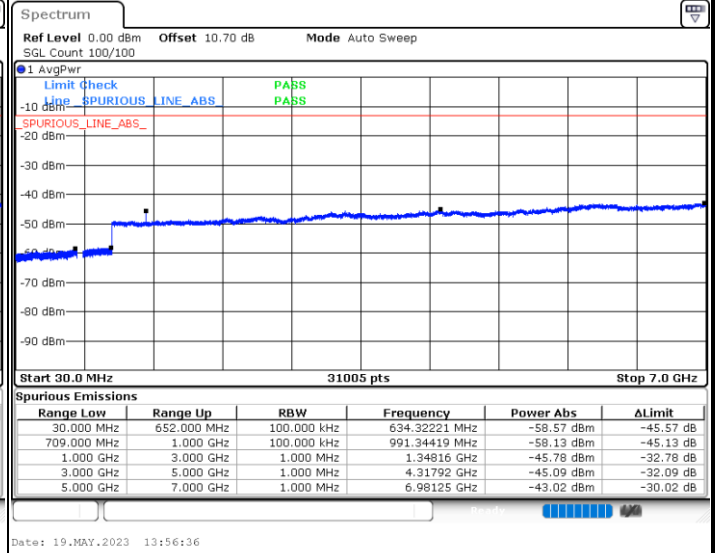
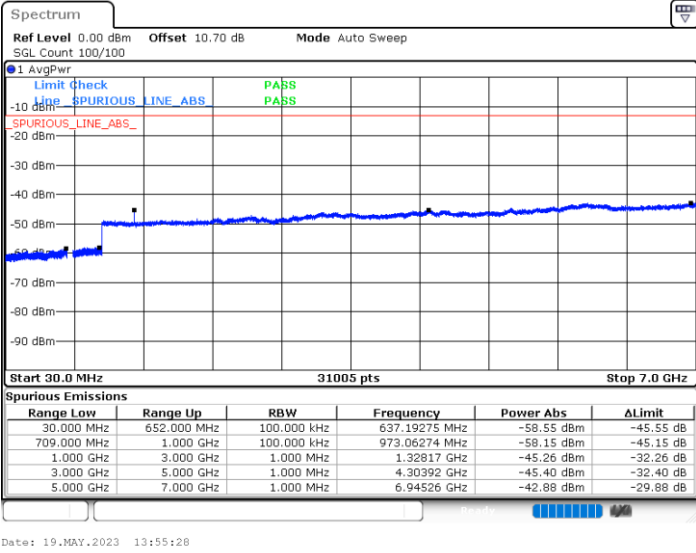




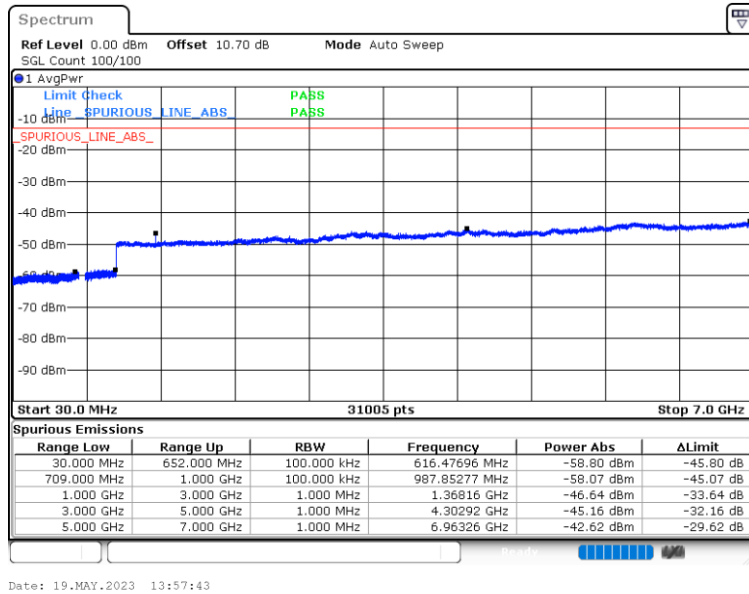
LTE Band 71 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

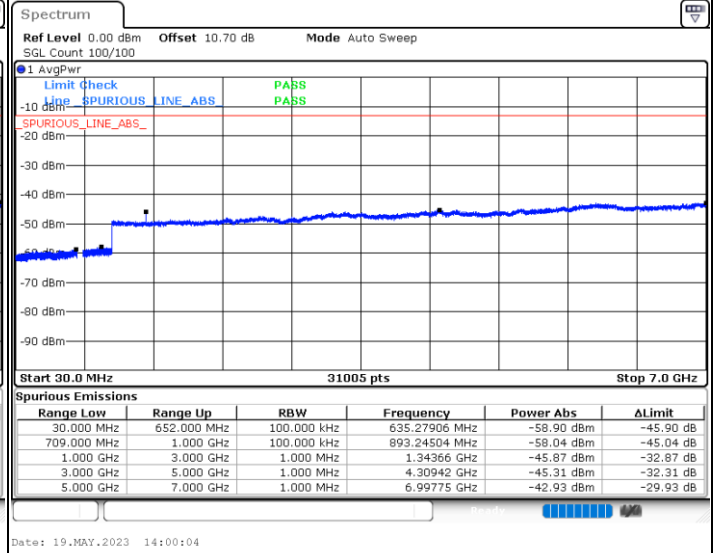
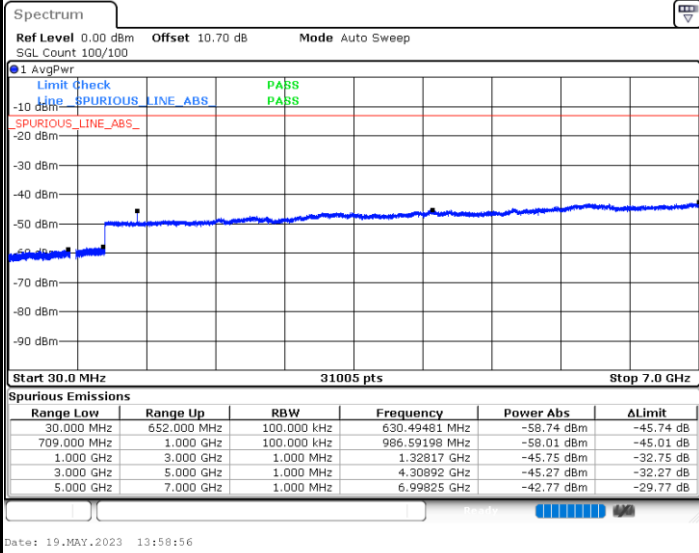




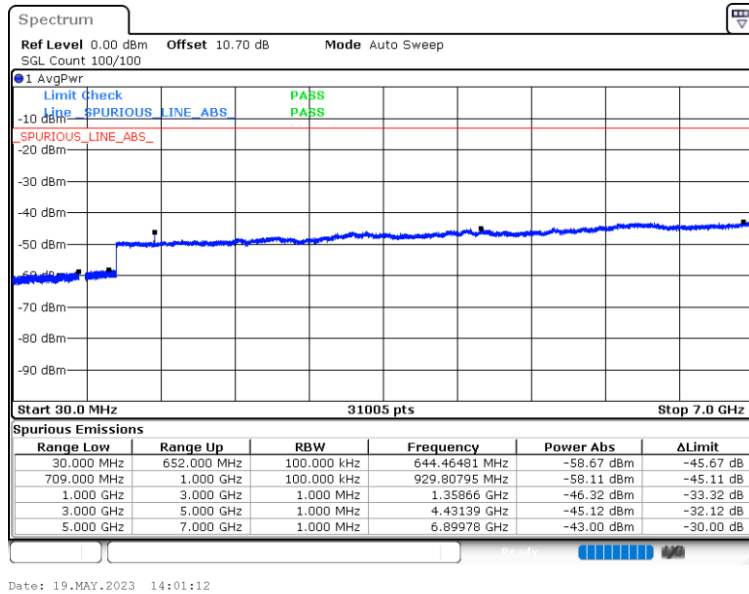
LTE Band 71 / 20MHz

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	0.0010	PASS
40	Normal Voltage	0.0275	
30	Normal Voltage	0.0240	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0026	
0	Normal Voltage	0.0232	
-10	Normal Voltage	0.0212	
20	Maximum Voltage	0.0260	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0131	

**Note:**

- 1. Normal Voltage = 3.8 V. ; Battery End Point (BEP) = 3.42 V. ; Maximum Voltage = 4.45 V.
- 2. The frequency fundamental emissions stay within the authorized frequency block.



## Appendix B. Test Results of Radiated Test

### LTE Band 2

LTE Band 2 / 20MHz / QPSK									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3702	-52.73	-13	-39.73	-74.79	-59.3	1.67	8.24	H
	5556	-53.73	-13	-40.73	-80.19	-60.8	2.66	9.72	H
	7404	-53.95	-13	-40.95	-81.99	-63.1	2.46	11.61	H
									H
									H
									H
									H
	3702	-56.73	-13	-43.73	-78.76	-63.3	1.67	8.24	V
	5556	-54.63	-13	-41.63	-80.67	-61.7	2.66	9.72	V
	7404	-53.35	-13	-40.35	-81.88	-62.5	2.46	11.61	V
									V
									V
									V
									V
Middle	3744	-55.59	-13	-42.59	-77.18	-62.2	1.68	8.29	H
	5616	-55.55	-13	-42.55	-80.33	-62.6	2.69	9.75	H
	7480	-53.78	-13	-40.78	81.98	-63.1	2.44	11.76	H
									H
									H
									H
									H
	3744	-56.49	-13	-43.49	-78.19	-63.1	1.68	8.29	V
	5616	-53.75	-13	-40.75	-80.51	-60.8	2.69	9.75	V
	7480	-52.88	-13	-39.88	-81.66	-62.2	2.44	11.76	V
									V
									V
									V
									V
								V	



LTE Band 2 / 20MHz / QPSK									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Highest	3780	-54.46	-13	-41.46	-76.54	-61.1	1.69	8.34	H
	5676	-53.66	-13	-40.66	-79.87	-60.7	2.73	9.77	H
	7560	-52.97	-13	-39.97	-81.65	-62.4	2.41	11.84	H
									H
									H
									H
									H
	3780	-56.26	-13	-43.26	-78.02	-62.9	1.69	8.34	V
	5676	-54.06	-13	-41.06	-80.42	-61.1	2.73	9.77	V
	7560	-53.37	-13	-40.37	-81.69	-62.8	2.41	11.84	V
									V
									V
									V
									V

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





**LTE Band 66**

LTE Band 66 / 20MHz / QPSK									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3420	-56.43	-13	-43.43	-77.91	-62.5	1.58	7.65	H
	5130	-55.41	-13	-42.41	-80.33	-62.7	2.41	9.70	H
	6840	-53.53	-13	-40.53	-81.87	-61.5	2.64	10.61	H
									H
									H
									H
									H
	3420	-55.83	-13	-42.83	-77.93	-61.9	1.58	7.65	V
	5130	-55.21	-13	-42.21	-80.17	-62.5	2.41	9.70	V
	6840	-53.63	-13	-40.63	-81.86	-61.6	2.64	10.61	V
									V
									V
									V
									V
Middle	3474	-55.81	-13	-42.81	-77.51	-62.1	1.60	7.89	H
	5208	-55.06	-13	-42.06	-80.06	-62.3	2.46	9.70	H
	8682	-53.14	-13	-40.14	-81.26	-63.3	2.41	12.57	H
									H
									H
									H
									H
	3474	-56.81	-13	-43.81	-78.47	-63.1	1.60	7.89	V
	5208	-55.36	-13	-42.36	-80.75	-62.6	2.46	9.70	V
	8682	-53.24	-13	-40.24	-81.38	-63.4	2.41	12.57	V
									V
									V
									V
									V



LTE Band 66 / 20MHz / QPSK									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Highest	3520	-57.19	-13	-44.19	-79.17	-63.6	1.61	8.02	H
	5280	-55.90	-13	-42.90	-81.22	-63.1	2.50	9.70	H
	7040	-52.90	-13	-39.90	-81.1	-61.2	2.58	10.88	H
									H
									H
									H
									H
	3520	-57.19	-13	-44.19	-79	-63.6	1.61	8.02	V
	5280	-56.10	-13	-43.10	-81.63	-63.3	2.50	9.70	V
	7040	-53.10	-13	-40.10	-80.98	-61.4	2.58	10.88	V
									V
									V
									V
									V

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



**LTE Band 26**

LTE Band 26 / 15MHz / QPSK									
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1648	-62.76	-13	-49.76	-75.85	-64.52	0.98	4.89	H
	2472	-55.56	-13	-42.56	-74.08	-57.44	1.28	5.32	H
	3296	-57.84	-13	-44.84	-78.56	-61.25	1.54	7.10	H
									H
									H
									H
									H
	1648	-62.06	-13	-49.06	-75.71	-63.82	0.98	4.89	V
	2472	-51.65	-13	-38.65	-70.52	-53.53	1.28	5.32	V
	3296	-57.36	-13	-44.36	-78.38	-60.77	1.54	7.10	V
									V
									V
									V
									V
Middle	1656	-62.19	-13	-49.19	-75.46	-63.92	0.98	4.86	H
	2488	-56.08	-13	-43.08	-74.6	-58.01	1.29	5.36	H
	3320	-57.25	-13	-44.25	-77.96	-60.76	1.55	7.21	H
									H
									H
									H
									H
	1656	-62.38	-13	-49.38	-76.2	-64.11	0.98	4.86	V
	2488	-53.09	-13	-40.09	-72	-55.02	1.29	5.36	V
	3320	-57.37	-13	-44.37	-78.32	-60.88	1.55	7.21	V
									V
									V
									V
									V
								V	



LTE Band 26 / 15MHz / QPSK									
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Highest	1672	-62.55	-13	-49.55	-76	-64.23	0.99	4.82	H
	2504	-57.39	-13	-44.39	-75.87	-59.35	1.29	5.40	H
	3336	-57.84	-13	-44.84	-78.67	-61.42	1.55	7.28	H
									H
									H
									H
									H
	1672	-61.95	-13	-48.95	-75.87	-63.63	0.99	4.82	V
	2504	-54.08	-13	-41.08	-73.06	-56.04	1.29	5.40	V
	3336	-57.54	-13	-44.54	-78.65	-61.12	1.55	7.28	V
									V
									V
									V
									V

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



**LTE Band 7**

LTE Band 7 / 20MHz / QPSK									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5004	-51.63	-25	-26.63	-77.1	-58.99	2.34	9.70	H
	7500	-53.03	-25	-28.03	-81.63	-62.4	2.43	11.80	H
	10000	-48.37	-25	-23.37	-82.03	-57.87	2.70	12.20	H
									H
									H
									H
									H
	5004	-52.46	-25	-27.46	-77.74	-59.82	2.34	9.70	V
	7500	-52.76	-25	-27.76	-81.6	-62.13	2.43	11.80	V
	10000	-48.59	-25	-23.59	-82.19	-58.09	2.70	12.20	V
									V
									V
									V
									V
Middle	5052	-50.89	-25	-25.89	-76.35	-58.22	2.37	9.70	H
	7575	-52.48	-25	-27.48	-81.34	-61.92	2.41	11.85	H
	10100	-48.09	-25	-23.09	-81.98	-57.63	2.70	12.24	H
									H
									H
									H
									H
	5052	-50.85	-25	-25.85	-76.13	-58.18	2.37	9.70	V
	7575	-52.35	-25	-27.35	-81.46	-61.79	2.41	11.85	V
	10100	-48.22	-25	-23.22	-82.03	-57.76	2.70	12.24	V
									V
									V
									V
									V
								V	



LTE Band 7 / 20MHz / QPSK									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Highest	5100	-49.44	-25	-24.44	-74.94	-56.75	2.39	9.70	H
	7650	-52.09	-25	-27.09	-81.15	-61.6	2.38	11.89	H
	10200	-48.36	-25	-23.36	-82.49	-57.94	2.70	12.28	H
									H
									H
									H
									H
	5100	-52.24	-25	-27.24	-77.57	-59.55	2.39	9.70	V
	7650	-51.80	-25	-26.80	-81.13	-61.31	2.38	11.89	V
	10200	-48.25	-25	-23.25	-82.28	-57.83	2.70	12.28	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 )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	4992	-54.30	-25	-29.30	-79.74	-61.65	2.33	9.68	H
	7488	-53.49	-25	-28.49	-82.09	-62.83	2.43	11.78	H
	9984	-49.03	-25	-24.03	-82.7	-58.55	2.69	12.21	H
									H
									H
									H
									H
	4992	-49.74	-25	-24.74	-74.98	-57.09	2.33	9.68	V
	7488	-53.42	-25	-28.42	-82.26	-62.76	2.43	11.78	V
	9984	-48.96	-25	-23.96	-82.57	-58.48	2.69	12.21	V
									V
									V
									V
									V
Middle	5166	-53.53	-25	-28.53	-78.73	-60.8	2.43	9.70	H
	7752	-52.90	-25	-27.90	-81.73	-62.5	2.35	11.95	H
	10332	-49.46	-25	-24.46	-82.87	-59.1	2.69	12.33	H
									H
									H
									H
									H
	5166	-52.33	-25	-27.33	-77.51	-59.6	2.43	9.70	V
	7752	-52.50	-25	-27.50	-81.76	-62.1	2.35	11.95	V
	10332	-49.46	-25	-24.46	-83.51	-59.1	2.69	12.33	V
									V
									V
									V
									V
								V	



LTE Band 41 HPUE / 20MHz / QPSK									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Highest	5340	-52.94	-25	-27.94	-78.95	-60.11	2.53	9.70	H
	8010	-51.62	-25	-26.62	-81.7	-61.46	2.27	12.11	H
	10674	-47.58	-25	-22.58	-82.86	-57.32	2.69	12.43	H
									H
									H
									H
									H
	5340	-54.39	-25	-29.39	-80.32	-61.56	2.53	9.70	V
	8010	-51.09	-25	-26.09	-81.51	-60.93	2.27	12.11	V
	10674	-47.31	-25	-22.31	-82.41	-57.05	2.69	12.43	V
									V
									V
									V
									V

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





**LTE Band 7C 100RB0+100RB0**

LTE Band 7C / 20M+20MHz / QPSK									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5040	-55.56	-25	-30.56	-80.68	-62.9	2.36	9.70	H
	7560	-52.87	-25	-27.87	-81.49	-62.3	2.41	11.84	H
	10080	-49.04	-25	-24.04	-82.77	-58.58	2.70	12.23	H
									H
									H
									H
									H
	5040	-55.96	-25	-30.96	-80.95	-63.3	2.36	9.70	V
	7560	-53.67	-25	-28.67	-82.37	-63.1	2.41	11.84	V
	10080	-49.46	-25	-24.46	-82.75	-59	2.70	12.23	V
									V
									V
									V
									V
Middle	5090	-55.49	-25	-30.49	-80.6	-62.8	2.39	9.70	H
	7635	-53.40	-25	-28.40	-82.07	-62.9	2.39	11.88	H
	10180	-49.82	-25	-24.82	-82.75	-59.4	2.70	12.27	H
									H
									H
									H
									H
	5090	-55.19	-25	-30.19	-80.46	-62.5	2.39	9.70	V
	7635	-53.20	-25	-28.20	-82.11	-62.7	2.39	11.88	V
	10180	-49.32	-25	-24.32	-82.92	-58.9	2.70	12.27	V
									V
									V
									V
									V
								V	



LTE Band 7C / 20M+20MHz / QPSK									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Highest	5100	-54.89	-25	-29.89	-80.37	-62.2	2.39	9.70	H
	7650	-52.89	-25	-27.89	-81.69	-62.4	2.38	11.89	H
	10200	-48.62	-25	-23.62	-82.61	-58.2	2.70	12.28	H
									H
									H
									H
									H
	5100	-55.49	-25	-30.49	-80.37	-62.8	2.39	9.70	V
	7650	-52.79	-25	-27.79	-81.75	-62.3	2.38	11.89	V
	10200	-48.52	-25	-23.52	-82.42	-58.1	2.70	12.28	V
									V
									V
									V
									V

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



**LTE Band 7C 1RB0+1RB99**

LTE Band 7C / 20M+20MHz / QPSK									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	4998	-54.92	-25	-29.92	-80.36	-62.28	2.34	9.70	H
	5076	-54.63	-25	-29.63	-80.13	-61.95	2.38	9.70	H
	7500	-53.43	-25	-28.43	-82.03	-62.8	2.43	11.80	H
	7617	-52.80	-25	-27.80	-81.77	-62.28	2.39	11.87	H
	10008	-48.79	-25	-23.79	-82.49	-58.3	2.70	12.20	H
	10152	-48.17	-25	-23.17	-82.18	-57.74	2.70	12.26	H
									H
	4998	-55.26	-25	-30.26	-80.5	-62.62	2.34	9.70	V
	5076	-55.19	-25	-30.19	-80.52	-62.51	2.38	9.70	V
	7500	-52.79	-25	-27.79	-81.63	-62.16	2.43	11.80	V
	7617	-52.33	-25	-27.33	-81.56	-61.81	2.39	11.87	V
	10008	-48.98	-25	-23.98	-82.61	-58.49	2.70	12.20	V
	10152	-48.31	-25	-23.31	-82.23	-57.88	2.70	12.26	V
									V
Middle	5028	-54.93	-25	-29.93	-80.4	-62.28	2.35	9.70	H
	5112	-55.32	-25	-30.32	-80.84	-62.62	2.40	9.70	H
	7545	-53.50	-25	-28.50	-82.25	-62.91	2.41	11.83	H
	7665	-52.81	-25	-27.81	-81.92	-62.33	2.38	11.90	H
	10062	-48.80	-25	-23.80	-82.61	-58.33	2.70	12.22	H
	10224	-48.47	-25	-23.47	-82.67	-58.06	2.69	12.29	H
									H
	5028	-55.25	-25	-30.25	-80.53	-62.6	2.35	9.70	V
	5112	-54.74	-25	-29.74	-80.1	-62.04	2.40	9.70	V
	7545	-53.03	-25	-28.03	-82.03	-62.44	2.41	11.83	V
	7665	-52.52	-25	-27.52	-81.9	-62.04	2.38	11.90	V
	10062	-48.58	-25	-23.58	-82.32	-58.11	2.70	12.22	V
	10224	-48.51	-25	-23.51	-82.6	-58.1	2.69	12.29	V
									V



LTE Band 7C / 20M+20MHz / QPSK									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Highest	5064	-48.56	-25	-23.56	-74.04	-55.89	2.37	9.70	H
	5142	-55.16	-25	-30.16	-80.7	-62.44	2.42	9.70	H
	7590	-52.90	-25	-27.90	-81.82	-62.35	2.40	11.85	H
	7710	-52.46	-25	-27.46	-81.7	-62.02	2.36	11.93	H
	10116	-48.14	-25	-23.14	-82.08	-57.69	2.70	12.25	H
	10278	-47.91	-25	-22.91	-82.23	-57.53	2.69	12.31	H
									H
	5064	-53.62	-25	-28.62	-78.92	-60.95	2.37	9.70	V
	5142	-55.07	-25	-30.07	-80.46	-62.35	2.42	9.70	V
	7590	-52.78	-25	-27.78	-81.96	-62.23	2.40	11.85	V
	7710	-51.62	-25	-26.62	-81.15	-61.18	2.36	11.93	V
	10116	-48.28	-25	-23.28	-82.13	-57.83	2.70	12.25	V
	10278	-48.43	-25	-23.43	-82.62	-58.05	2.69	12.31	V
									V

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



**LTE Band 7C 1RB99+1RB0**

LTE Band 7C / 20M+20MHz / QPSK									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5040	-50.42	-25	-25.42	-76	-57.76	2.36	9.70	H
	7560	-52.89	-25	-27.89	-81.78	-62.32	2.41	11.84	H
	10080	-48.47	-25	-23.47	-82.25	-58.01	2.70	12.23	H
									H
									H
									H
									H
	5040	-54.59	-25	-29.59	-79.87	-61.93	2.36	9.70	V
	7560	-53.11	-25	-28.11	-82.15	-62.54	2.41	11.84	V
	10080	-48.61	-25	-23.61	-82.43	-58.15	2.70	12.23	V
									V
									V
									V
									V
Middle	5070	-51.29	-25	-26.29	-76.85	-58.61	2.38	9.70	H
	7608	-52.86	-25	-27.86	-81.84	-62.33	2.39	11.86	H
	10134	-48.15	-25	-23.15	-82.2	-57.71	2.70	12.25	H
									H
									H
									H
									H
	5070	-52.36	-25	-27.36	-77.69	-59.68	2.38	9.70	V
	7608	-52.84	-25	-27.84	-82.11	-62.31	2.39	11.86	V
	10134	-48.45	-25	-23.45	-82.29	-58.01	2.70	12.25	V
									V
									V
									V
									V
								V	



LTE Band 7C / 20M+20MHz / QPSK									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Highest	5100	-51.91	-25	-26.91	-77.46	-59.22	2.39	9.70	H
	7650	-52.44	-25	-27.44	-81.47	-61.95	2.38	11.89	H
	10200	-48.63	-25	-23.63	-82.83	-58.21	2.70	12.28	H
									H
									H
									H
									H
	5100	-54.69	-25	-29.69	-80.02	-62	2.39	9.70	V
	7650	-52.54	-25	-27.54	-81.71	-62.05	2.38	11.89	V
	10200	-48.46	-25	-23.46	-82.51	-58.04	2.70	12.28	V
									V
									V
									V
									V

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



**LTE Band 41C HPUE 100RB0+100RB0**

LTE Band 41C HPUE / 20M+20MHz / QPSK									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5034	-54.86	-25	-29.86	-79.98	-62.2	2.36	9.70	H
	7548	-53.08	-25	-28.08	-81.67	-62.5	2.41	11.83	H
	10064	-48.57	-25	-23.57	-81.89	-58.1	2.70	12.23	H
									H
									H
									H
									H
	5034	-55.26	-25	-30.26	-80.47	-62.6	2.36	9.70	V
	7548	-53.18	-25	-28.18	-81.74	-62.6	2.41	11.83	V
	10064	-48.77	-25	-23.77	-82.31	-58.3	2.70	12.23	V
									V
									V
									V
									V
Middle	5184	-55.32	-25	-30.32	-80.86	-62.58	2.44	9.70	H
	7779	-52.01	-25	-27.01	-81.46	-61.64	2.34	11.97	H
	10372	-48.52	-25	-23.52	-83.04	-58.18	2.69	12.35	H
									H
									H
									H
									H
	5184	-55.21	-25	-30.21	-80.61	-62.47	2.44	9.70	V
	7779	-52.08	-25	-27.08	-81.82	-61.71	2.34	11.97	V
	10372	-48.43	-25	-23.43	-82.81	-58.09	2.69	12.35	V
									V
									V
									V
									V



LTE Band 41C HPUE / 20M+20MHz / QPSK									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Highest	5340	-56.13	-25	-31.13	-81.62	-63.3	2.53	9.70	H
	8010	-51.56	-25	-26.56	-81.49	-61.4	2.27	12.11	H
	10680	-47.35	-25	-22.35	-82.35	-57.1	2.69	12.44	H
									H
									H
									H
									H
	5340	-55.93	-25	-30.93	-81.8	-63.1	2.53	9.70	V
	8010	-51.36	-25	-26.36	-81.46	-61.2	2.27	12.11	V
	10680	-47.85	-25	-22.85	-82.38	-57.6	2.69	12.44	V
									V
									V
									V
									V

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





**LTE Band 41C HPUE 1RB0+1RB99**

LTE Band 41C HPUE / 20M+20MHz / QPSK									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	4992	-55.75	-25	-30.75	-80.59	-63.1	2.33	9.68	H
	5072	-54.78	-25	-29.78	-79.85	-62.1	2.38	9.70	H
	7488	-53.76	-25	-28.76	-81.81	-63.1	2.43	11.78	H
	7607	-52.73	-25	-27.73	-81.45	-62.2	2.39	11.86	H
	9984	-48.98	-25	-23.98	-82.3	-58.5	2.69	12.21	H
	10143	-48.04	-25	-23.04	-81.85	-57.6	2.70	12.26	H
									H
	4992	-55.15	-25	-30.15	-79.86	-62.5	2.33	9.68	V
	5072	-55.08	-25	-30.08	-80.32	-62.4	2.38	9.70	V
	7488	-53.46	-25	-28.46	-82.02	-62.8	2.43	11.78	V
	7607	-52.33	-25	-27.33	-81.1	-61.8	2.39	11.86	V
	9984	-48.98	-25	-23.98	-82.44	-58.5	2.69	12.21	V
	10143	-48.44	-25	-23.44	-82.23	-58	2.70	12.26	V
									V
Middle	5148	-55.02	-25	-30.02	-80.24	-62.3	2.42	9.70	H
	5226	-55.27	-25	-30.27	-80.97	-62.5	2.47	9.70	H
	7719	-53.03	-25	-28.03	-81.46	-62.6	2.36	11.93	H
	7839	-51.72	-25	-26.72	-81.33	-61.4	2.32	12.00	H
	10292	-48.48	-25	-23.48	-82.22	-58.1	2.69	12.32	H
	10452	-48.21	-25	-23.21	-82.21	-57.9	2.69	12.38	H
									H
	5148	-53.92	-25	-28.92	-78.82	-61.2	2.42	9.70	V
	5226	-55.37	-25	-30.37	-80.72	-62.6	2.47	9.70	V
	7719	-52.33	-25	-27.33	-81.52	-61.9	2.36	11.93	V
	7839	-51.52	-25	-26.52	-81.3	-61.2	2.32	12.00	V
	10292	-48.08	-25	-23.08	-81.99	-57.7	2.69	12.32	V
	10452	-47.81	-25	-22.81	-82.42	-57.5	2.69	12.38	V
									V



LTE Band 41C HPUE / 20M+20MHz / QPSK									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Highest	5298	-55.41	-25	-30.41	-81.32	-62.6	2.51	9.70	H
	5382	-55.23	-25	-30.23	-81.41	-62.37	2.56	9.70	H
	7950	-51.35	-25	-26.35	-81.28	-61.14	2.28	12.07	H
	8070	-51.62	-25	-26.62	-81.8	-61.49	2.28	12.16	H
	10602	-47.61	-25	-22.61	-82.71	-57.34	2.69	12.42	H
	10764	-47.34	-25	-22.34	-82.84	-57.1	2.69	12.45	H
									H
	5298	-55.31	-25	-30.31	-81.11	-62.5	2.51	9.70	V
	5382	-55.56	-25	-30.56	-81.67	-62.7	2.56	9.70	V
	7950	-51.13	-25	-26.13	-81.39	-60.92	2.28	12.07	V
	8070	-51.10	-25	-26.10	-81.62	-60.97	2.28	12.16	V
	10602	-47.90	-25	-22.90	-82.82	-57.63	2.69	12.42	V
	10764	-47.59	-25	-22.59	-82.91	-57.35	2.69	12.45	V
									V

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



**LTE Band 41C HPUE 1RB99+1RB0**

LTE Band 41C HPUE / 20M+20MHz / QPSK									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5034	-54.96	-25	-29.96	-80.28	-62.3	2.36	9.70	H
	7548	-53.98	-25	-28.98	-82.43	-63.4	2.41	11.83	H
	10064	-49.57	-25	-24.57	-82.76	-59.1	2.70	12.23	H
									H
									H
									H
									H
	5034	-52.86	-25	-27.86	-77.55	-60.2	2.36	9.70	V
	7548	-53.48	-25	-28.48	-82.2	-62.9	2.41	11.83	V
	10062	-49.37	-25	-24.37	-82.76	-58.9	2.70	12.22	V
									V
									V
									V
									V
Middle	5184	-55.44	-25	-30.44	-80.74	-62.7	2.44	9.70	H
	7779	-52.67	-25	-27.67	-81.93	-62.3	2.34	11.97	H
	10372	-48.54	-25	-23.54	-82.95	-58.2	2.69	12.35	H
									H
									H
									H
									H
	5184	-50.84	-25	-25.84	-76.1	-58.1	2.44	9.70	V
	7779	-52.57	-25	-27.57	-81.9	-62.2	2.34	11.97	V
	10372	-48.44	-25	-23.44	-82.68	-58.1	2.69	12.35	V
									V
									V
									V
									V



LTE Band 41C HPUE / 20M+20MHz / QPSK									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Highest	5340	-53.63	-25	-28.63	-79.65	-60.8	2.53	9.70	H
	8010	-51.96	-25	-26.96	-81.81	-61.8	2.27	12.11	H
	10680	-47.85	-25	-22.85	-82.7	-57.6	2.69	12.44	H
									H
									H
									H
									H
	5340	-54.53	-25	-29.53	-79.93	-61.7	2.53	9.70	V
	8010	-51.76	-25	-26.76	-81.73	-61.6	2.27	12.11	V
	10680	-47.75	-25	-22.75	-82.81	-57.5	2.69	12.44	V
									V
									V
									V
									V

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



**LTE Band 12**

LTE Band 12 / 10MHz / QPSK									
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1400	-48.68	-13.00	-35.68	-60.10	-50.34	0.87	4.68	H
	2096	-59.45	-13.00	-46.45	-76.05	-60.32	1.16	4.19	H
	2792	-59.05	-13.00	-46.05	-77.90	-61.15	1.38	5.63	H
									H
									H
									H
									H
	1400	-49.19	-13.00	-36.19	-61.24	-50.85	0.87	4.68	V
	2096	-57.18	-13.00	-44.18	-74.13	-58.05	1.16	4.19	V
	2792	-58.06	-13.00	-45.06	-77.65	-60.16	1.38	5.63	V
									V
	Middle	1408	-45.81	-13.00	-32.81	-57.22	-47.52	0.87	4.73
2104		-59.18	-13.00	-46.18	-75.80	-60.08	1.17	4.21	H
2808		-58.67	-13.00	-45.67	-77.69	-60.78	1.39	5.65	H
									H
									H
									H
									H
1408		-51.95	-13.00	-38.95	-63.82	-53.66	0.87	4.73	V
2104		-58.24	-13.00	-45.24	-75.22	-59.14	1.17	4.21	V
2808		-58.22	-13.00	-45.22	-77.90	-60.33	1.39	5.65	V
									V
									V
								V	
								V	



LTE Band 12 / 10MHz / QPSK									
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Highest	1416	-49.32	-13.00	-36.32	-60.81	-51.07	0.87	4.78	H
	2120	-58.34	-13.00	-45.34	-74.99	-59.28	1.17	4.26	H
	2824	-59.43	-13.00	-46.43	-78.25	-61.55	1.39	5.66	H
									H
									H
									H
									H
	1416	-53.36	-13.00	-40.36	-65.29	-55.11	0.87	4.78	V
	2120	-59.39	-13.00	-46.39	-76.39	-60.33	1.17	4.26	V
	2824	-57.94	-13.00	-44.94	-77.69	-60.06	1.39	5.66	V
									V
									V
									V
									V

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



**LTE Band 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	1328	-45.95	-13	-32.95	-56.94	-47.2	0.84	4.23	H
	1992	-59.16	-13	-46.16	-74.68	-59.8	1.13	3.92	H
	2652	-59.07	-13	-46.07	-77.54	-61.1	1.34	5.52	H
									H
									H
									H
									H
	1328	-43.55	-13	-30.55	-54.59	-44.8	0.84	4.23	V
	1992	-59.06	-13	-46.06	-75.25	-59.7	1.13	3.92	V
	2652	-58.67	-13	-45.67	-77.57	-60.7	1.34	5.52	V
									V
									V
									V
									V
Middle	1344	-43.46	-13	-30.46	-54.36	-44.8	0.84	4.33	H
	2012	-60.55	-13	-47.55	-76.62	-61.2	1.14	3.94	H
	2688	-55.35	-13	-42.35	-73.48	-57.4	1.35	5.55	H
									H
									H
									H
									H
	1344	-46.46	-13	-33.46	-57.91	-47.8	0.84	4.33	V
	2012	-59.75	-13	-46.75	-76.16	-60.4	1.14	3.94	V
	2688	-58.55	-13	-45.55	-77.66	-60.6	1.35	5.55	V
									V
									V
									V
									V
								V	



LTE Band 71 / 20MHz / QPSK									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Highest	1360	-45.97	-13	-32.97	-57.12	-47.4	0.85	4.43	H
	2040	-60.88	-13	-47.88	-76.89	-61.6	1.15	4.02	H
	2712	-59.64	-13	-46.64	-77.75	-61.7	1.36	5.57	H
									H
									H
									H
									H
	1360	-52.47	-13	-39.47	-63.85	-53.9	0.85	4.43	V
	2040	-57.98	-13	-44.98	-74.18	-58.7	1.15	4.02	V
	2712	-57.44	-13	-44.44	-76.33	-59.5	1.36	5.57	V
									V
									V
									V
									V

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

————THE END————