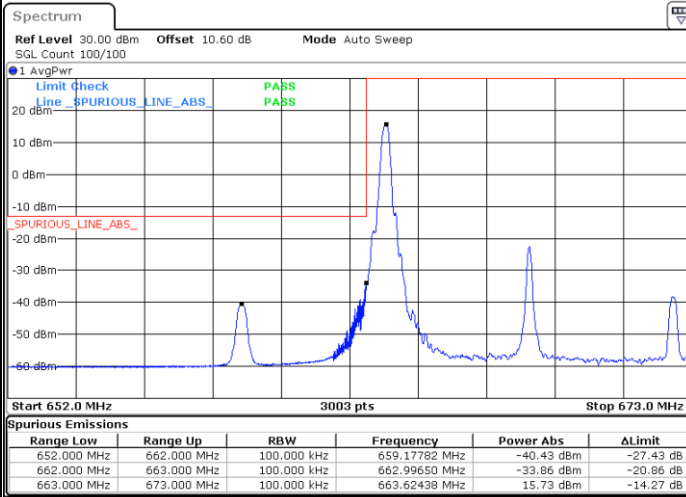




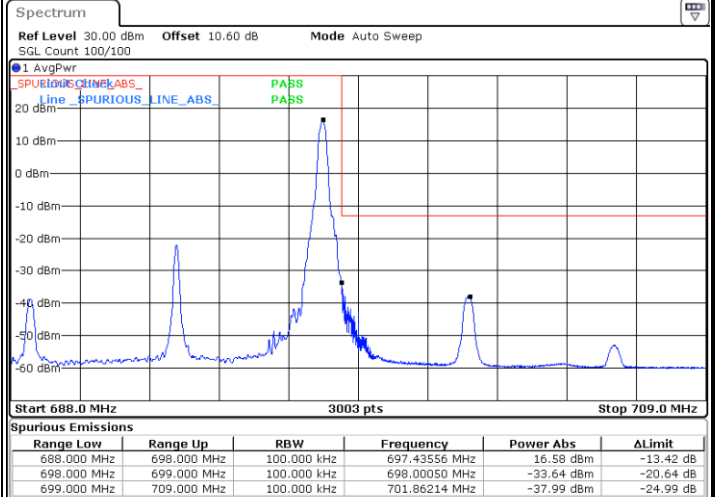
LTE Band 71 / 10MHz / 256QAM

Lowest Band Edge / 1 RB



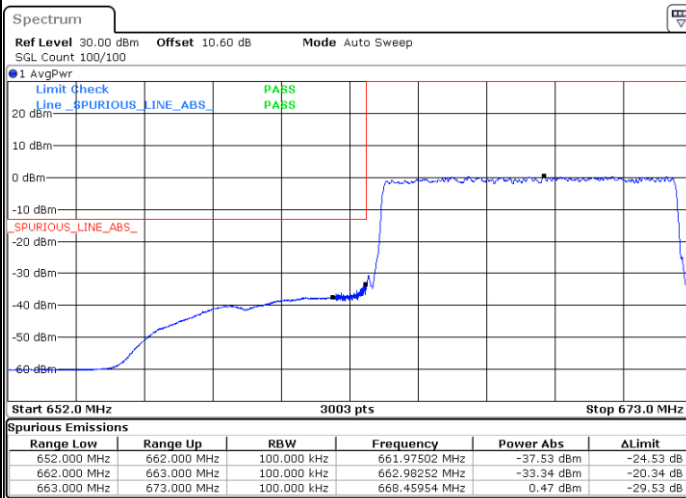
Date: 18.MAY.2022 08:29:19

Highest Band Edge / 1 RB



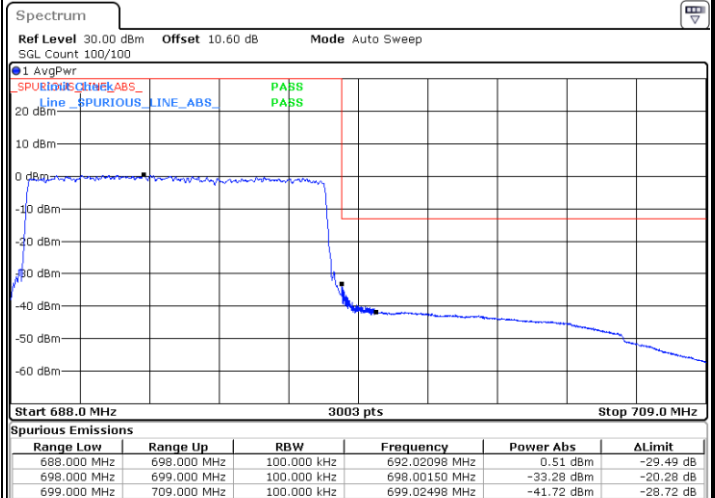
Date: 18.MAY.2022 08:36:33

Lowest Band Edge / Full RB



Date: 18.MAY.2022 08:30:16

Highest Band Edge / Full RB

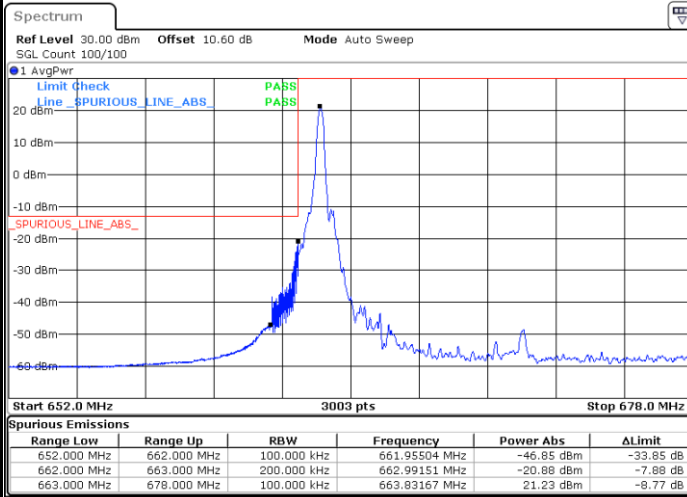


Date: 18.MAY.2022 08:37:29



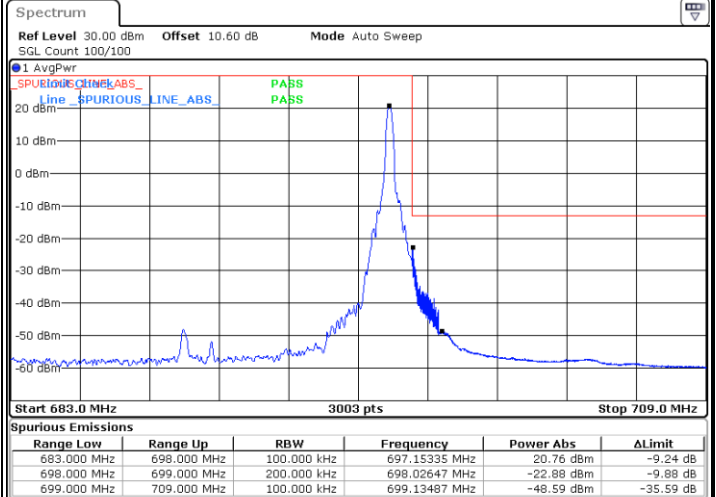
LTE Band 71 / 15MHz / QPSK

Lowest Band Edge / 1 RB



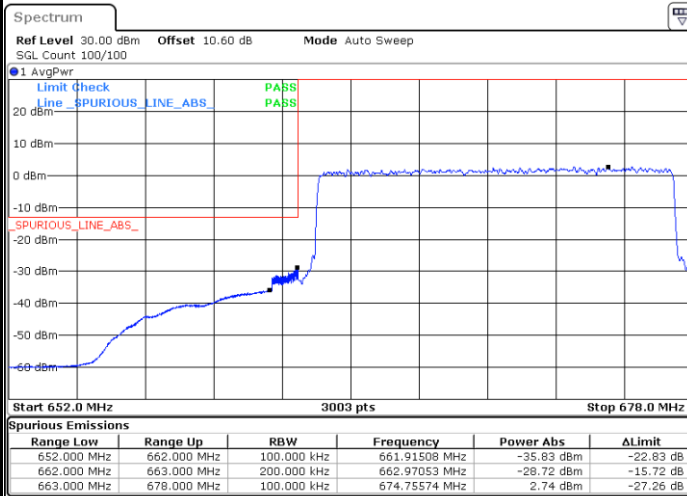
Date: 18.MAY.2022 08:39:27

Highest Band Edge / 1 RB



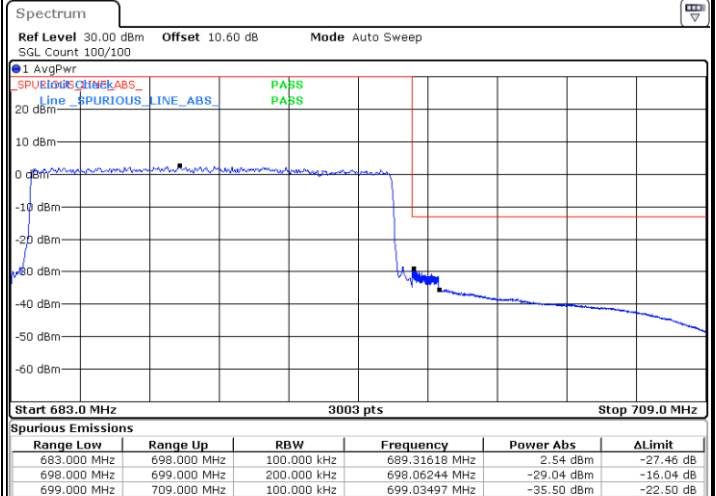
Date: 18.MAY.2022 08:46:39

Lowest Band Edge / Full RB



Date: 18.MAY.2022 08:41:14

Highest Band Edge / Full RB

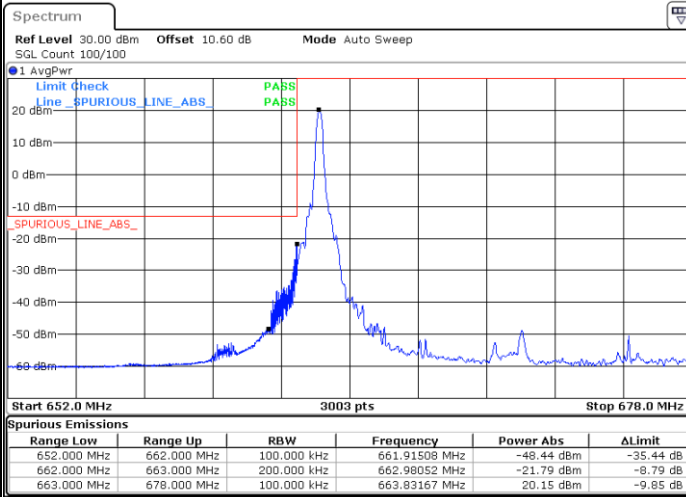


Date: 18.MAY.2022 08:48:26



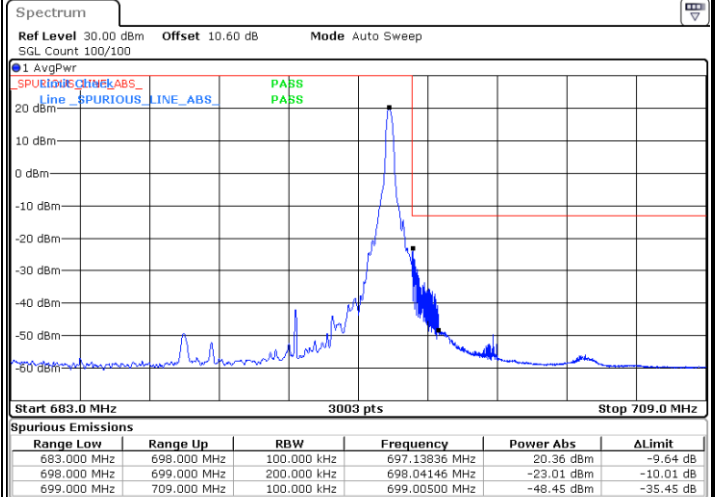
LTE Band 71 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



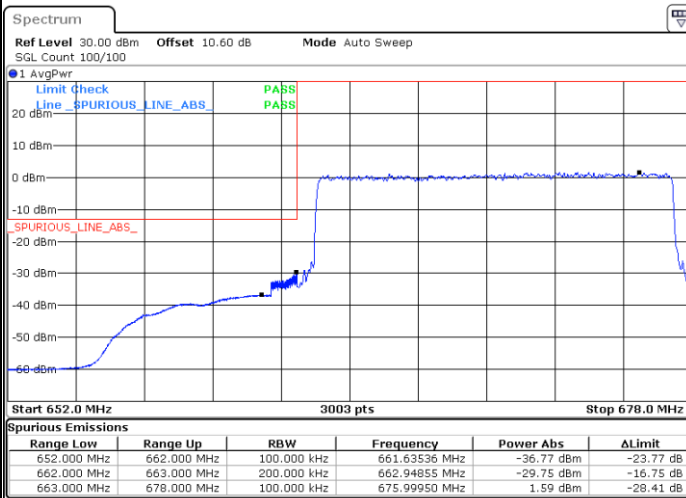
Date: 18.MAY.2022 08:40:20

Highest Band Edge / 1 RB



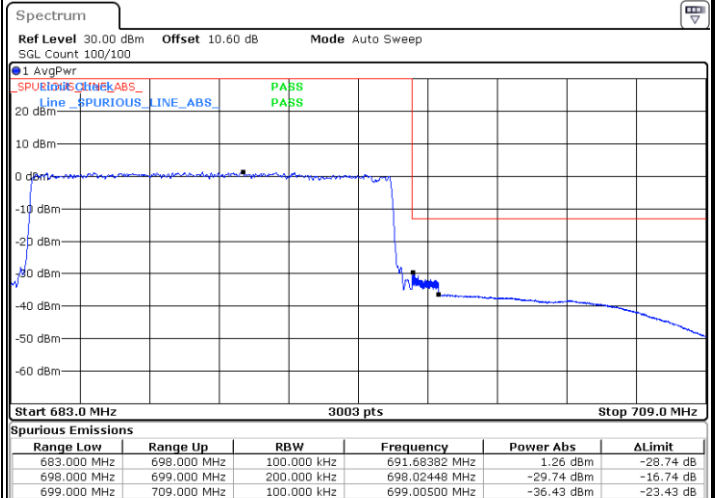
Date: 18.MAY.2022 08:47:33

Lowest Band Edge / Full RB



Date: 18.MAY.2022 08:42:07

Highest Band Edge / Full RB

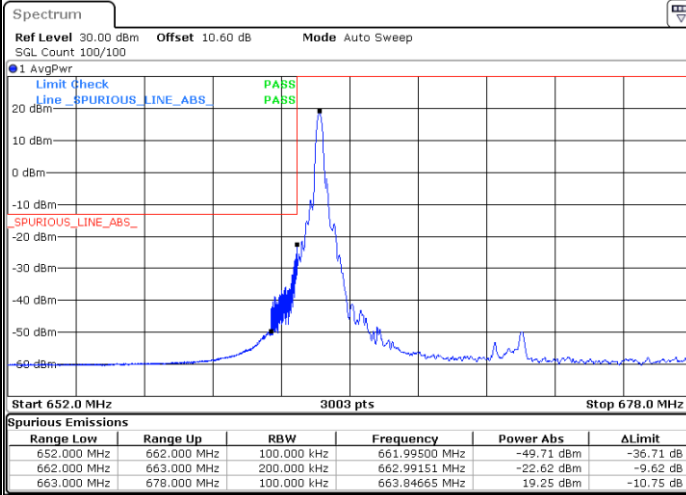


Date: 18.MAY.2022 08:49:20



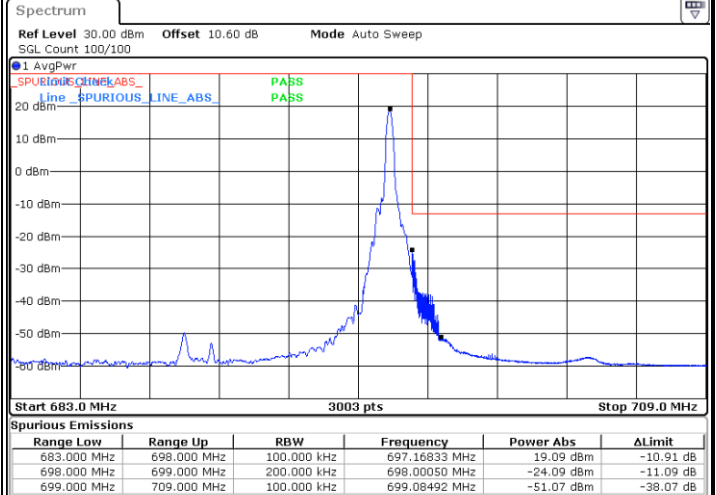
LTE Band 71 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



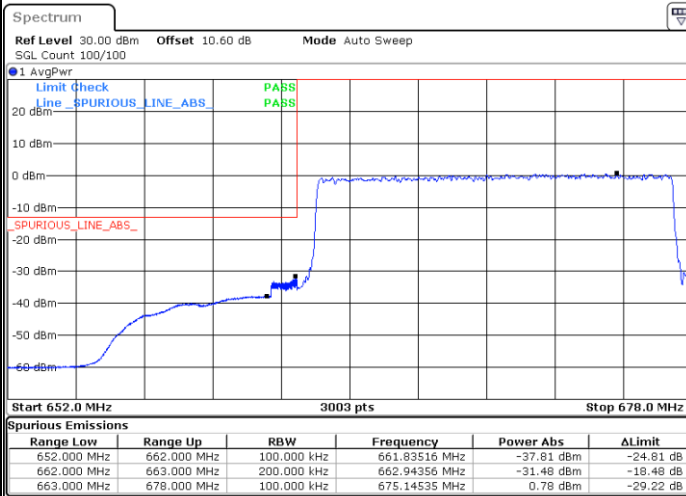
Date: 18.MAY.2022 08:43:00

Highest Band Edge / 1 RB



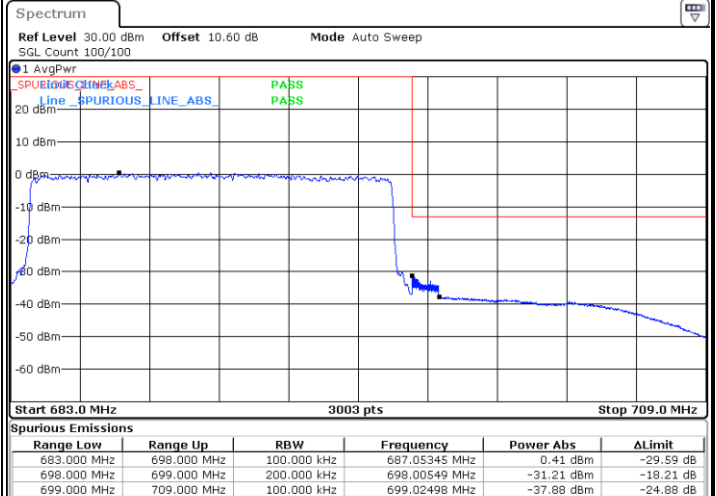
Date: 18.MAY.2022 08:50:13

Lowest Band Edge / Full RB



Date: 18.MAY.2022 08:43:53

Highest Band Edge / Full RB

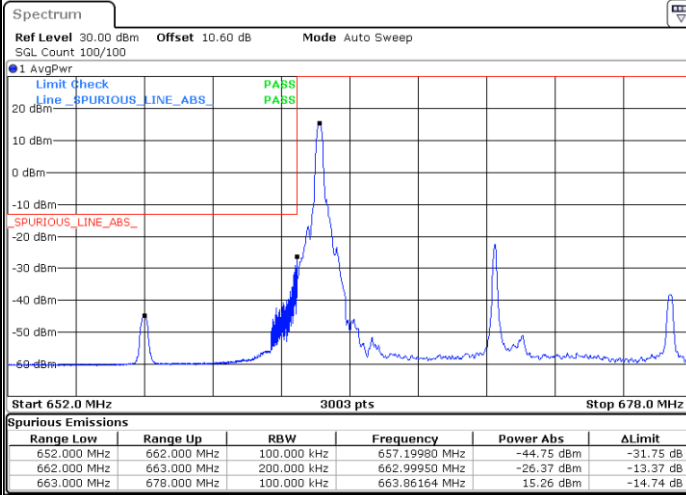


Date: 18.MAY.2022 08:51:07



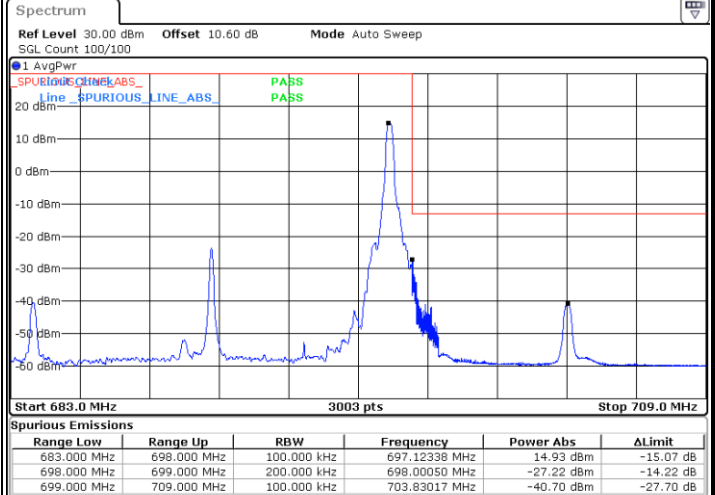
LTE Band 71 / 15MHz / 256QAM

Lowest Band Edge / 1 RB



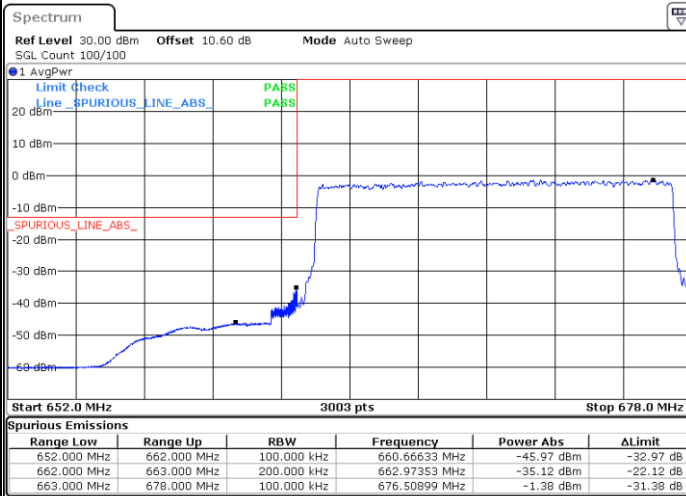
Date: 18.MAY.2022 08:44:47

Highest Band Edge / 1 RB



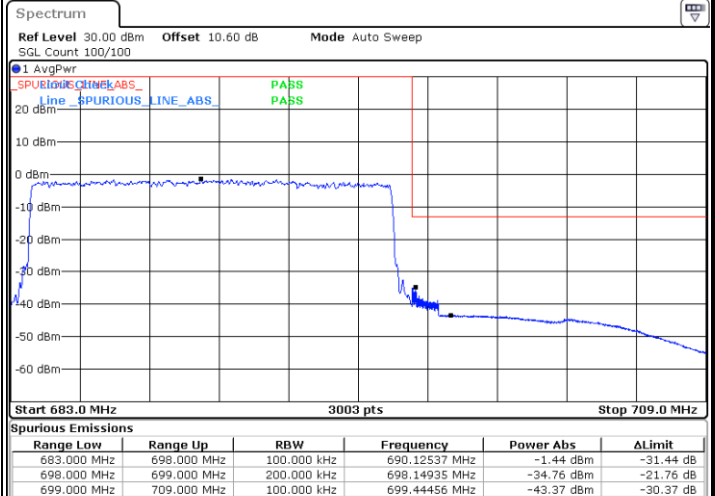
Date: 18.MAY.2022 08:52:00

Lowest Band Edge / Full RB



Date: 18.MAY.2022 08:45:43

Highest Band Edge / Full RB

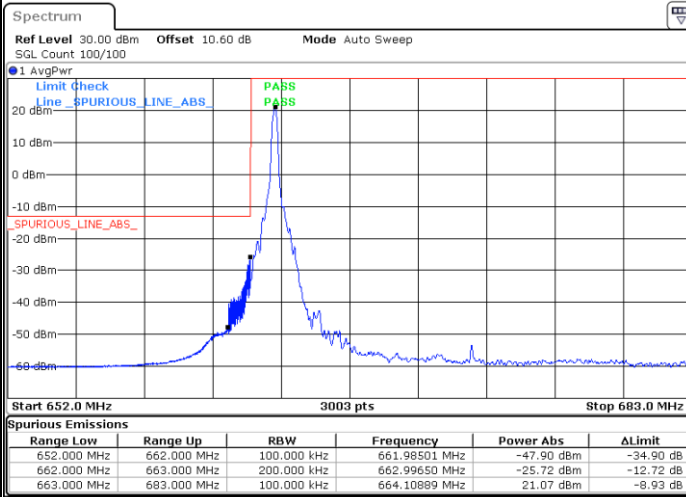


Date: 18.MAY.2022 08:52:56



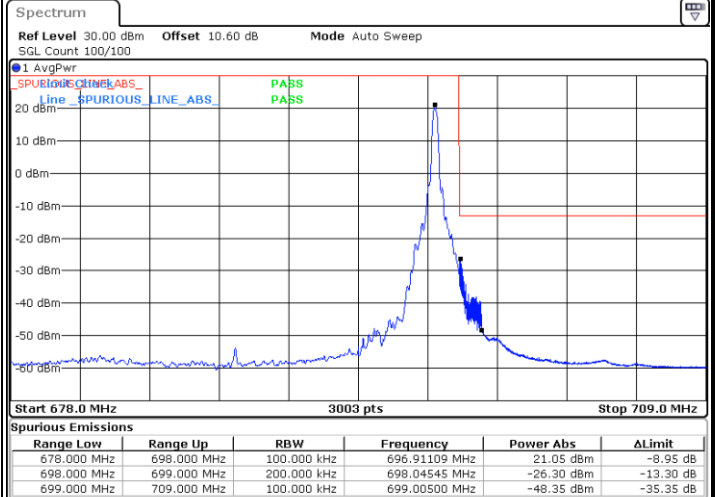
LTE Band 71 / 20MHz / QPSK

Lowest Band Edge / 1 RB



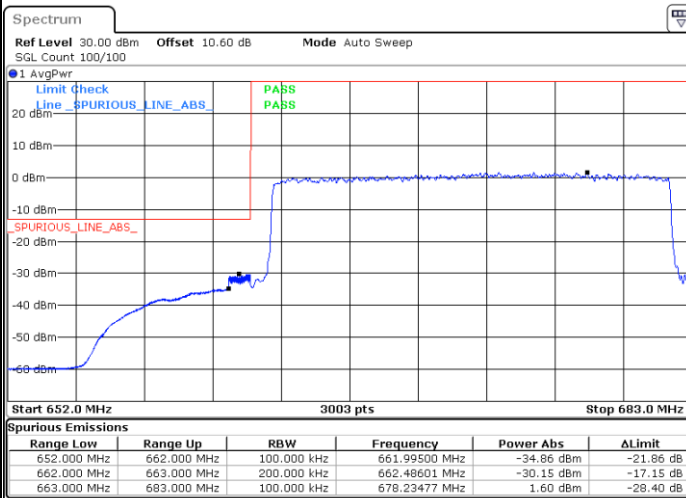
Date: 18.MAY.2022 08:54:43

Highest Band Edge / 1 RB



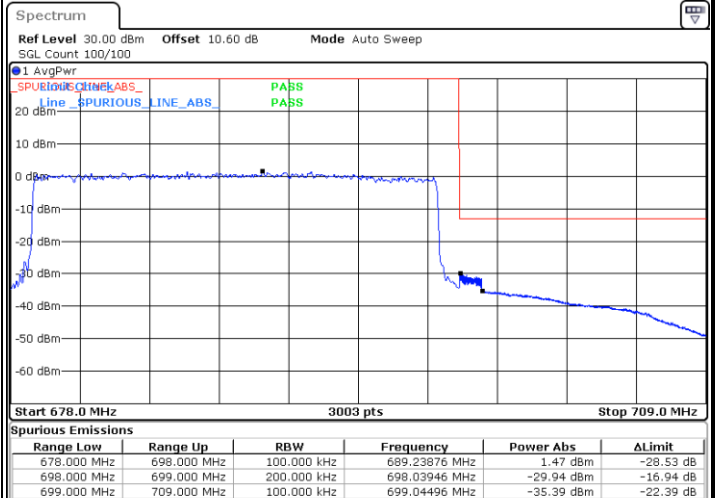
Date: 18.MAY.2022 09:03:33

Lowest Band Edge / Full RB



Date: 18.MAY.2022 08:56:29

Highest Band Edge / Full RB

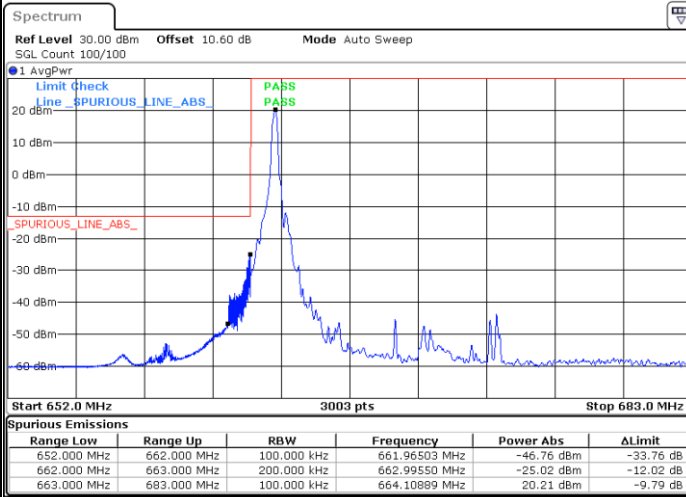


Date: 18.MAY.2022 09:06:13



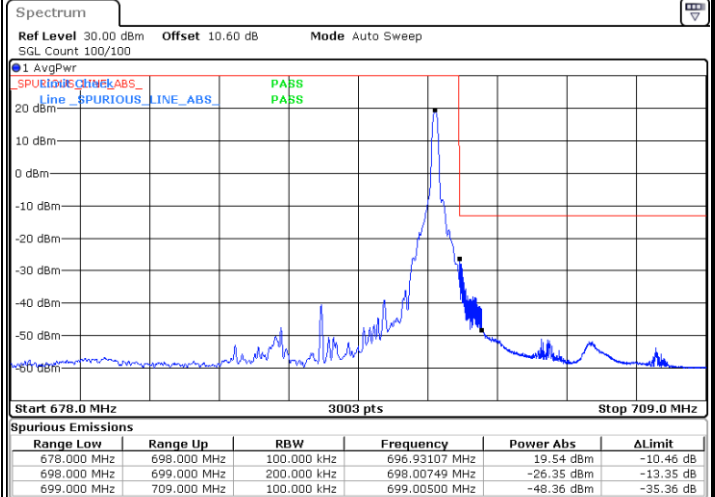
LTE Band 71 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



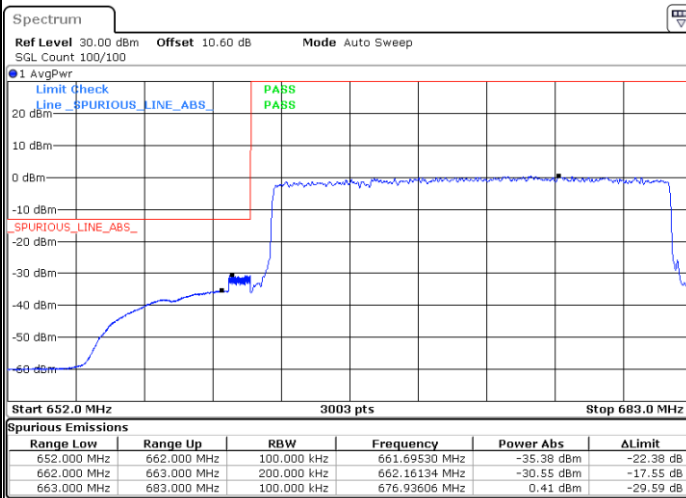
Date: 18.MAY.2022 08:55:36

Highest Band Edge / 1 RB



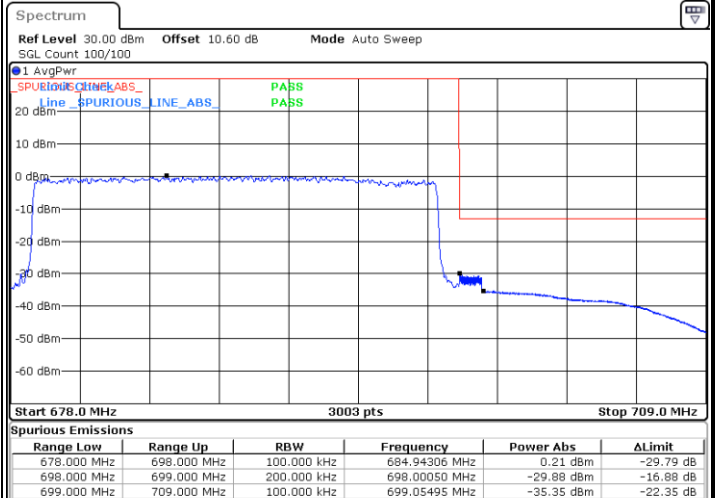
Date: 18.MAY.2022 09:04:26

Lowest Band Edge / Full RB



Date: 18.MAY.2022 08:57:23

Highest Band Edge / Full RB

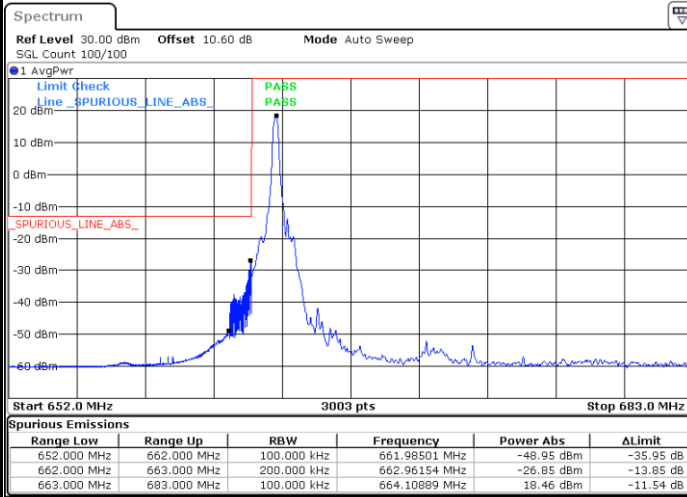


Date: 18.MAY.2022 09:05:20



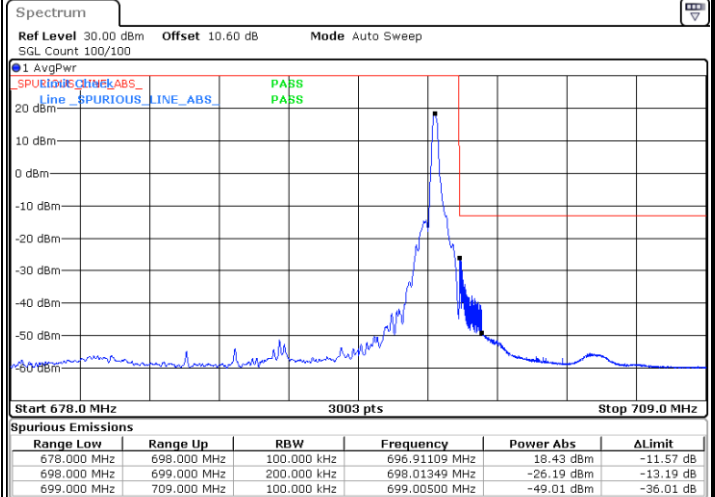
LTE Band 71 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



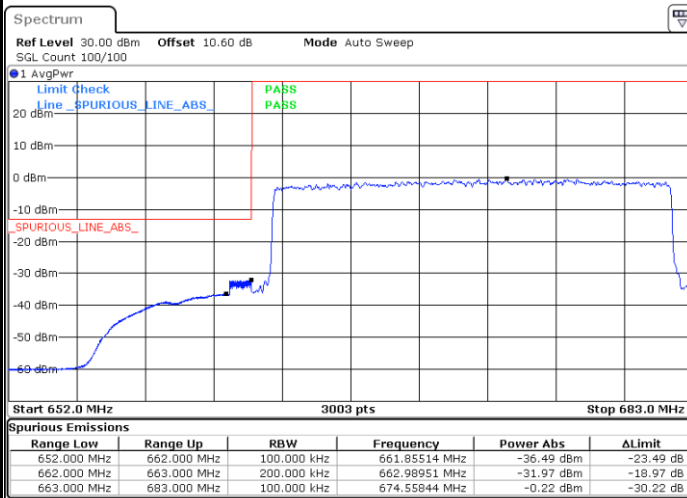
Date: 18.MAY.2022 08:58:16

Highest Band Edge / 1 RB



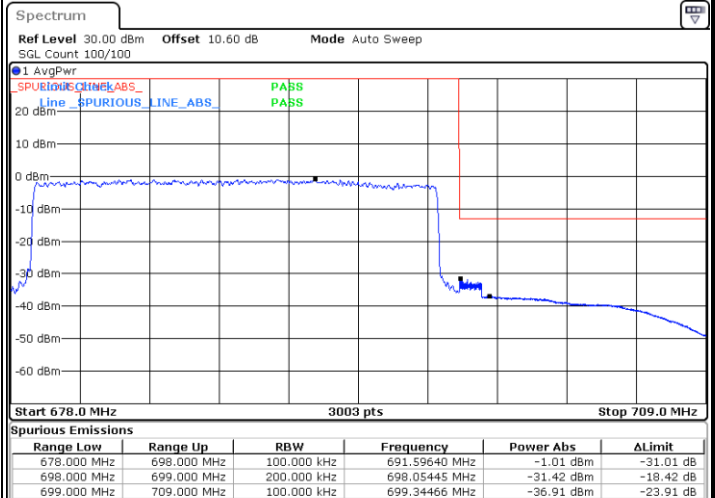
Date: 18.MAY.2022 09:07:06

Lowest Band Edge / Full RB



Date: 18.MAY.2022 08:59:10

Highest Band Edge / Full RB



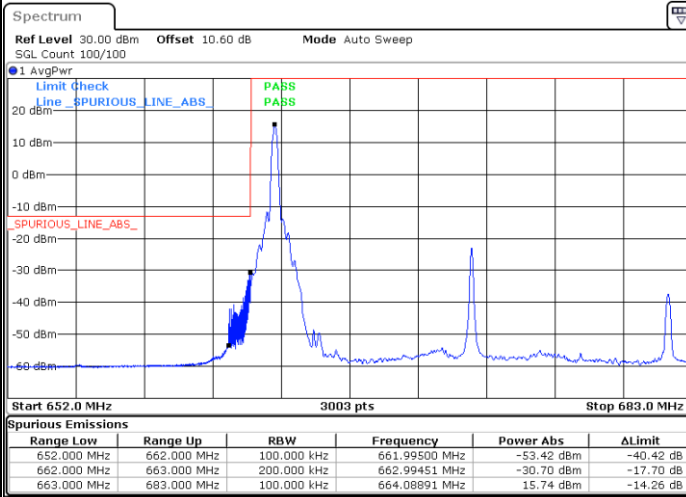
Date: 18.MAY.2022 09:07:59





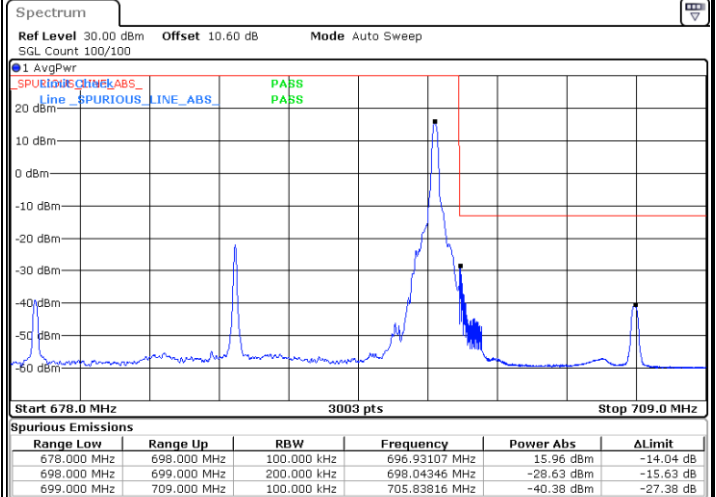
LTE Band 71 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



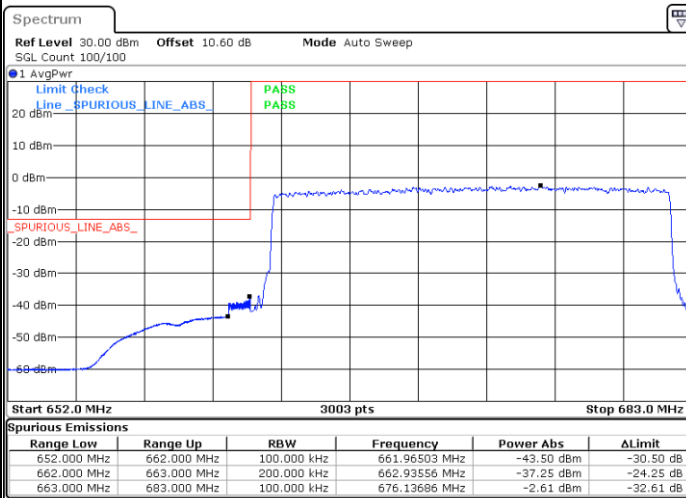
Date: 18.MAY.2022 09:01:41

Highest Band Edge / 1 RB



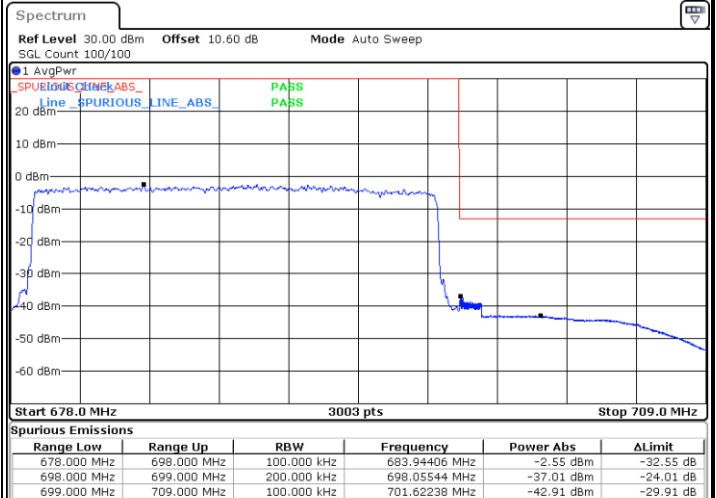
Date: 18.MAY.2022 09:08:53

Lowest Band Edge / Full RB



Date: 18.MAY.2022 09:02:37

Highest Band Edge / Full RB



Date: 18.MAY.2022 09:09:49

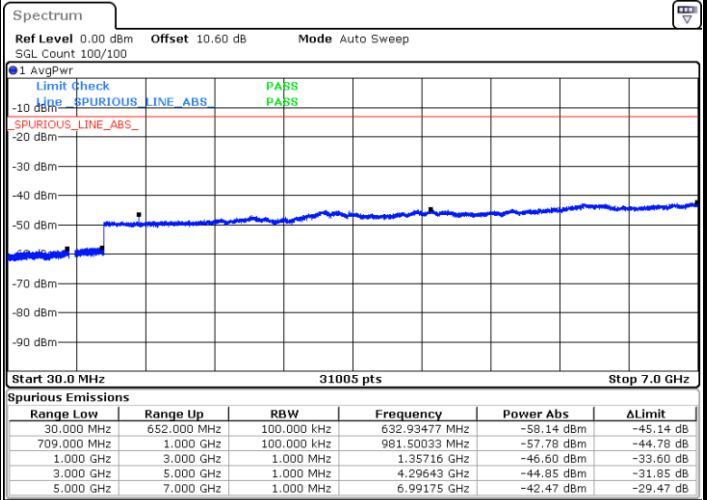
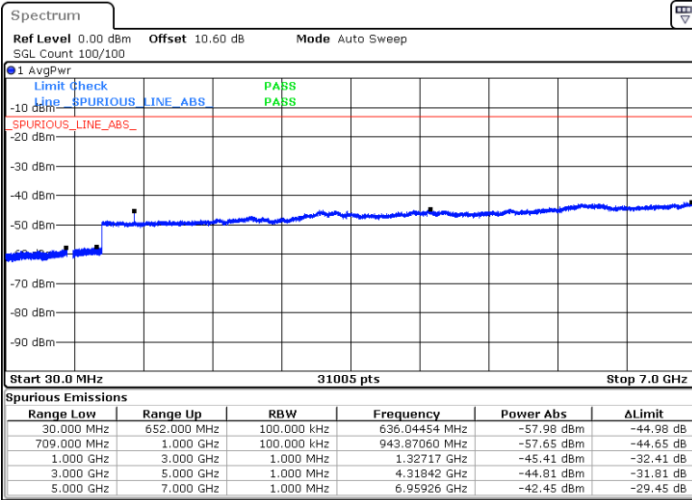


# Conducted Spurious Emission

## LTE Band 71 / 5MHz

### Lowest Channel / QPSK

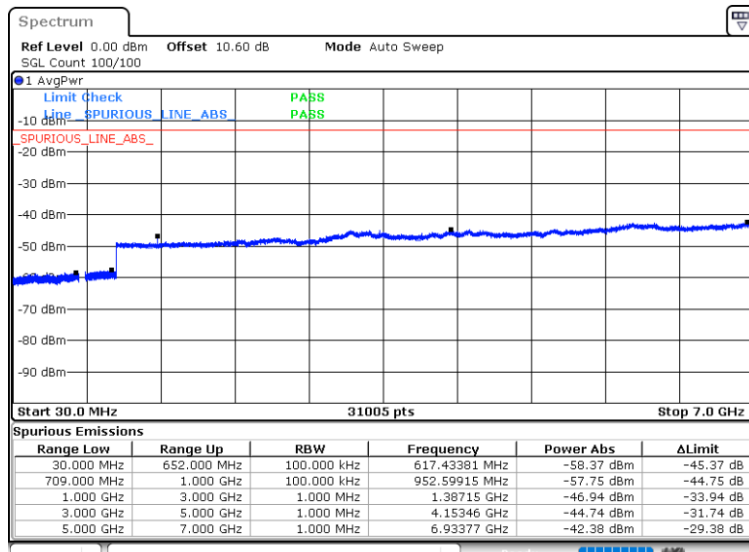
### Middle Channel / QPSK



Date: 21.APR.2022 18:25:01

Date: 21.APR.2022 18:28:14

### Highest Channel / QPSK

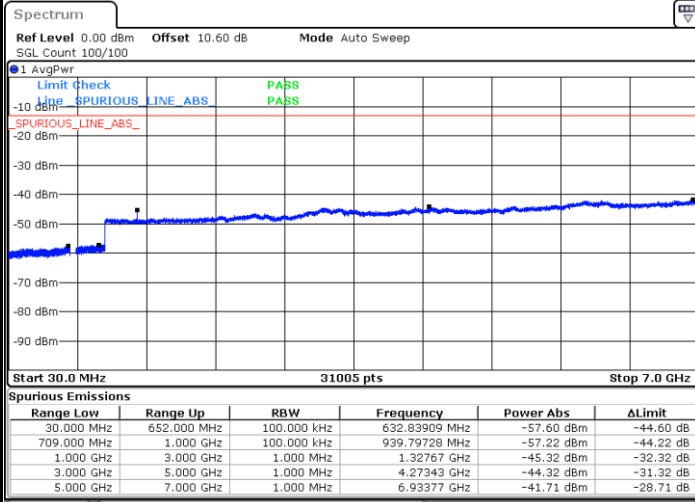


Date: 21.APR.2022 18:34:06



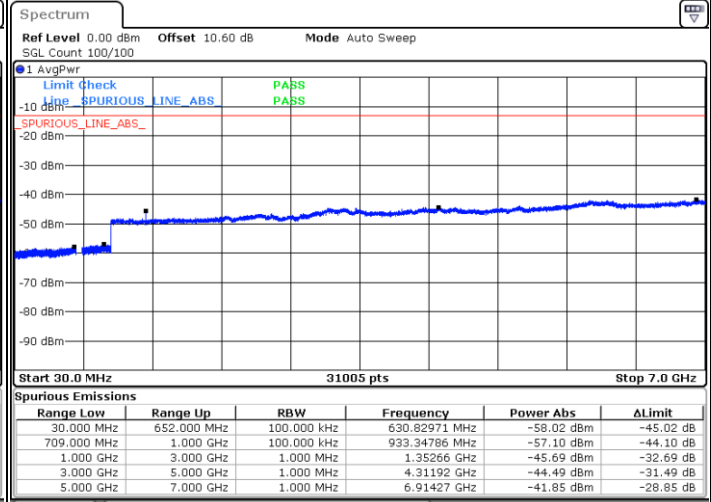
LTE Band 71 / 10MHz

Lowest Channel / QPSK



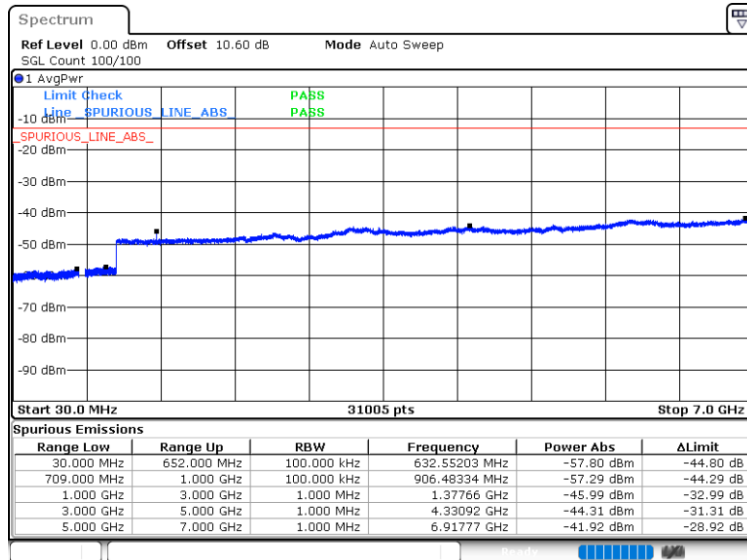
Date: 17.MAY.2022 16:05:00

Middle Channel / QPSK



Date: 17.MAY.2022 16:07:47

Highest Channel / QPSK



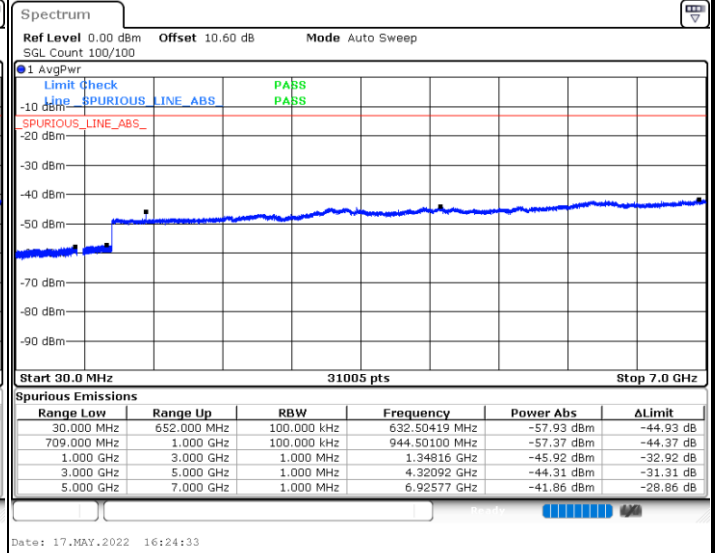
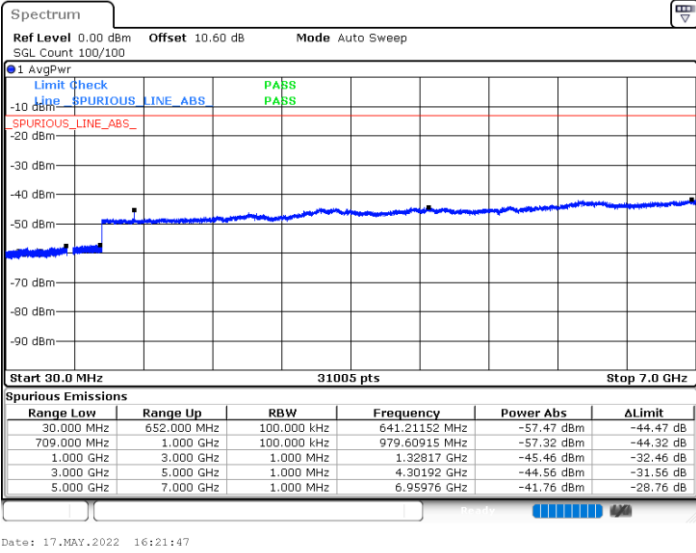
Date: 17.MAY.2022 16:12:35



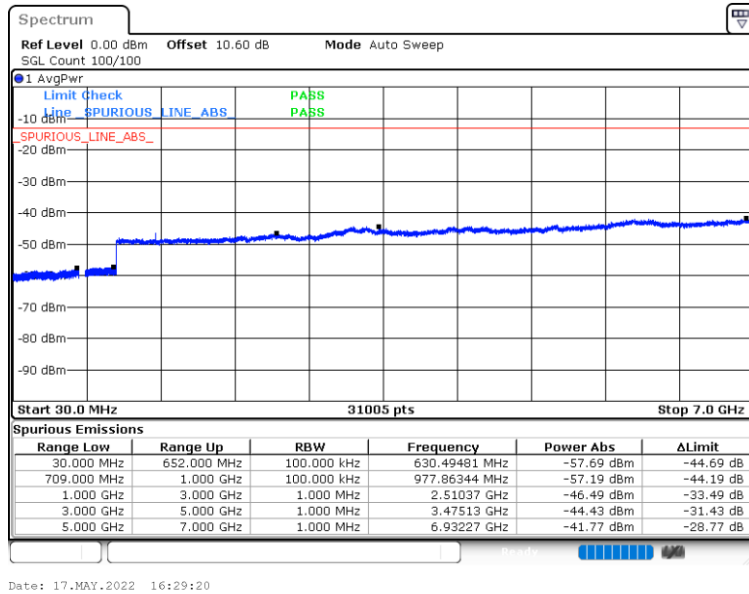
LTE Band 71 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

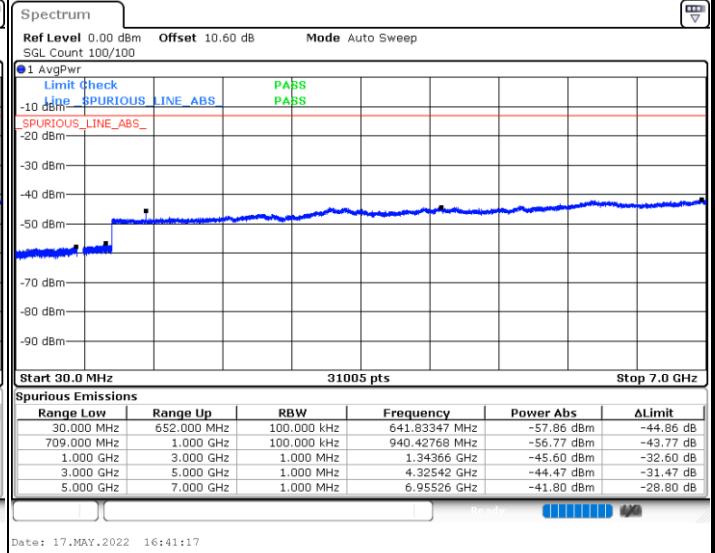
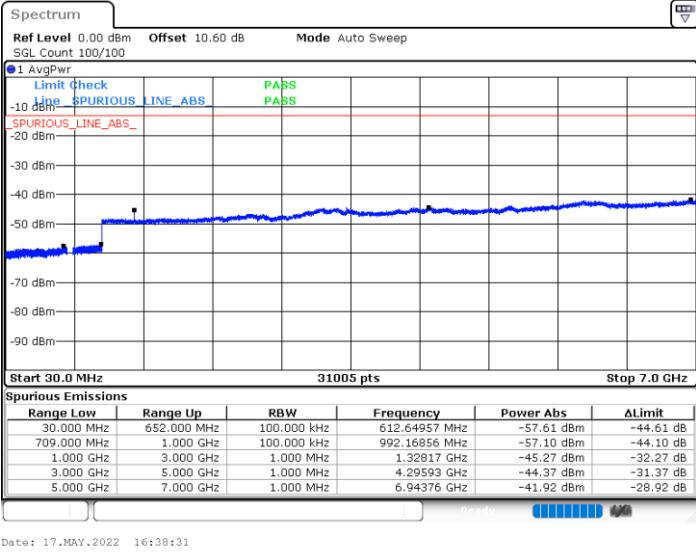




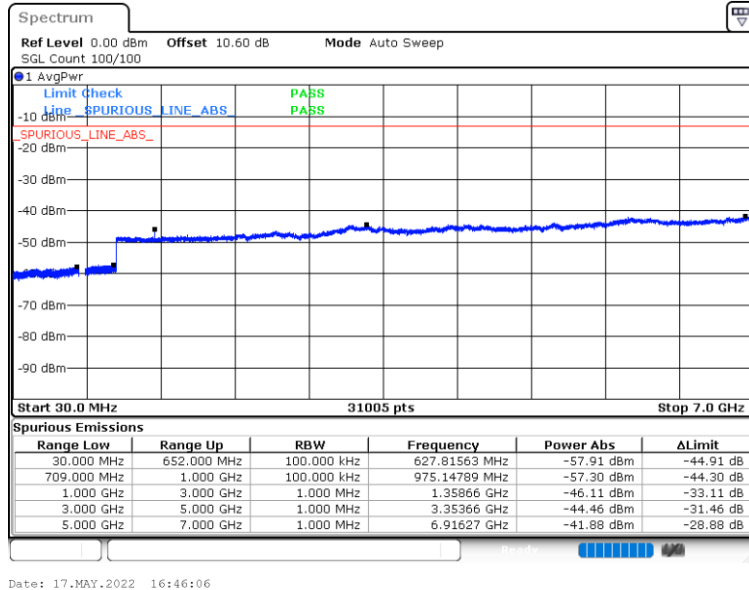
LTE Band 71 / 20MHz

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	0.0069	PASS
40	Normal Voltage	0.0026	
30	Normal Voltage	0.0087	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0168	
0	Normal Voltage	0.0193	
-10	Normal Voltage	0.0104	
-20	Normal Voltage	0.0046	
-30	Normal Voltage	0.0015	
20	Maximum Voltage	0.0100	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0087	

**Note:**

- 1. Normal Voltage = 3.85 V. ; Battery End Point (BEP) = 3.30 V. ; Maximum Voltage = 4.25 V.
- 2. The frequency fundamental emissions stay within the authorized frequency block.



## Appendix B. Test Results of Radiated Test

<Ant. 0>

### LTE Band 2

LTE Band 2 / 20MHz / QPSK									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Margin ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3702	-58.22	-13	-45.22	-78.99	-64.79	1.67	8.24	H
	5550	-55.69	-13	-42.69	-81.12	-62.76	2.65	9.72	H
	7400	-54.48	-13	-41.48	-81.57	-63.62	2.46	11.60	H
									H
									H
									H
	3702	-58.37	-13	-45.37	-79.13	-64.94	1.67	8.24	V
	5550	-55.76	-13	-42.76	-81.16	-62.83	2.65	9.72	V
	7400	-54.62	-13	-41.62	-81.91	-63.76	2.46	11.60	V
									V
									V
									V
Middle	3738	-58.22	-13	-45.22	-78.99	-64.83	1.68	8.29	H
	5610	-56.07	-13	-43.07	-81.61	-63.13	2.69	9.74	H
	7480	-54.35	-13	-41.35	-81.5	-63.67	2.44	11.76	H
									H
									H
									H
	3738	-57.91	-13	-44.91	-78.69	-64.52	1.68	8.29	V
	5610	-55.99	-13	-42.99	-81.51	-63.05	2.69	9.74	V
	7480	-54.41	-13	-41.41	-81.79	-63.73	2.44	11.76	V
									V
									V
									V



LTE Band 2 / 20MHz / QPSK									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Margin ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Highest	3780	-58.75	-13	-45.75	-79.49	-65.39	1.69	8.34	H
	5670	-55.86	-13	-42.86	-81.48	-62.91	2.72	9.77	H
	7560	-54.15	-13	-41.15	-81.48	-63.58	2.41	11.84	H
									H
									H
									H
	3780	-58.34	-13	-45.34	-79.12	-64.98	1.69	8.34	V
	5670	-55.91	-13	-42.91	-81.52	-62.96	2.72	9.77	V
	7560	-53.83	-13	-40.83	-81.42	-63.26	2.41	11.84	V
									V
									V
									V

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





**LTE Band 25**

LTE Band 25 / 20MHz / QPSK									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Margin ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3702	-58.16	-13	-45.16	-78.93	-64.73	1.67	8.24	H
	5550	-55.85	-13	-42.85	-81.28	-62.92	2.65	9.72	H
	7400	-54.64	-13	-41.64	-81.73	-63.78	2.46	11.60	H
									H
									H
									H
	3702	-58.07	-13	-45.07	-78.83	-64.64	1.67	8.24	V
	5550	-55.86	-13	-42.86	-81.26	-62.93	2.65	9.72	V
	7400	-54.40	-13	-41.40	-81.69	-63.54	2.46	11.60	V
									V
									V
									V
Middle	3738	-57.67	-13	-44.67	-78.44	-64.28	1.68	8.29	H
	5610	-55.69	-13	-42.69	-81.23	-62.75	2.69	9.74	H
	7480	-54.51	-13	-41.51	-81.66	-63.83	2.44	11.76	H
									H
									H
									H
	3738	-57.91	-13	-44.91	-78.69	-64.52	1.68	8.29	V
	5610	-55.96	-13	-42.96	-81.48	-63.02	2.69	9.74	V
	7480	-54.40	-13	-41.40	-81.78	-63.72	2.44	11.76	V
									V
									V
									V



LTE Band 25 / 20MHz / QPSK									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Margin ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Highest	3792	-58.60	-13	-45.60	-79.34	-65.25	1.70	8.35	H
	5685	-55.71	-13	-42.71	-81.34	-62.75	2.73	9.77	H
	7580	-54.44	-13	-41.44	-81.81	-63.88	2.40	11.85	H
									H
									H
									H
	3792	-58.27	-13	-45.27	-79.05	-64.92	1.70	8.35	V
	5685	-55.75	-13	-42.75	-81.37	-62.79	2.73	9.77	V
	7580	-54.11	-13	-41.11	-81.73	-63.55	2.40	11.85	V
									V
									V
									V

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



**LTE Band 66**

LTE Band 66 / 20MHz / QPSK									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Margin ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3420	-57.23	-13	-44.23	-77.39	-63.3	1.58	7.65	H
	5130	-56.21	-13	-43.21	-80.04	-63.5	2.41	9.70	H
	6840	-54.03	-13	-41.03	-81.03	-62	2.64	10.61	H
									H
									H
									H
									H
	3420	-56.83	-13	-43.83	-77.13	-62.9	1.58	7.65	V
	5130	-55.91	-13	-42.91	-79.75	-63.2	2.41	9.70	V
	6840	-54.93	-13	-41.93	-81.36	-62.9	2.64	10.61	V
									V
									V
									V
									V
Middle	3474	-56.81	-13	-43.81	-77.4	-63.1	1.60	7.89	H
	5208	-56.06	-13	-43.06	-80.21	-63.3	2.46	9.70	H
	6942	-54.28	-13	-41.28	-81.11	-62.4	2.61	10.73	H
									H
									H
									H
									H
	3474	-56.91	-13	-43.91	-77.17	-63.2	1.60	7.89	V
	5208	-56.16	-13	-43.16	-79.96	-63.4	2.46	9.70	V
	6942	-54.28	-13	-41.28	-80.93	-62.4	2.61	10.73	V
									V
									V
									V
									V
								V	



LTE Band 66 / 20MHz / QPSK									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Margin ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Highest	3522	-56.88	-13	-43.88	-77.54	-63.3	1.61	8.03	H
	5280	-56.30	-13	-43.30	-80.61	-63.5	2.50	9.70	H
	7040	-54.80	-13	-41.80	-81.27	-63.1	2.58	10.88	H
									H
									H
									H
									H
	3522	-56.98	-13	-43.98	-77.55	-63.4	1.61	8.03	V
	5280	-56.50	-13	-43.50	-80.33	-63.7	2.50	9.70	V
	7040	-54.70	-13	-41.70	-81.42	-63	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 )	Margin ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1648	-63.84	-13	-50.84	-75.4	-65.6	0.98	4.89	H
	2472	-59.52	-13	-46.52	-76.71	-61.4	1.28	5.32	H
	3296	-58.79	-13	-45.79	-77.94	-62.2	1.54	7.10	H
									H
									H
									H
									H
	1648	-63.54	-13	-50.54	-75.52	-65.3	0.98	4.89	V
	2472	-59.72	-13	-46.72	-76.93	-61.6	1.28	5.32	V
	3296	-58.39	-13	-45.39	-77.7	-61.8	1.54	7.10	V
									V
									V
									V
									V
Middle	1658	-64.57	-13	-51.57	-76.05	-66.3	0.98	4.86	H
	2488	-59.87	-13	-46.87	-77.02	-61.8	1.29	5.36	H
	3316	-58.71	-13	-45.71	-77.67	-62.2	1.55	7.19	H
									H
									H
									H
									H
	1658	-63.87	-13	-50.87	-75.78	-65.6	0.98	4.86	V
	2488	-58.57	-13	-45.57	-75.87	-60.5	1.29	5.36	V
	3316	-57.91	-13	-44.91	-77.6	-61.4	1.55	7.19	V
									V
									V
									V
									V
								V	



LTE Band 26 / 15MHz / 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)
Highest	1668	-64.21	-13	-51.21	-75.88	-65.9	0.99	4.83	H
	2502	-59.84	-13	-46.84	-76.97	-61.8	1.29	5.40	H
	3336	-58.62	-13	-45.62	-77.89	-62.2	1.55	7.28	H
									H
									H
									H
									H
	1668	-63.91	-13	-50.91	-75.9	-65.6	0.99	4.83	V
	2502	-58.74	-13	-45.74	-76.26	-60.7	1.29	5.40	V
	3336	-58.62	-13	-45.62	-78.26	-62.2	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 )	Margin ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5004	-55.74	-25	-30.74	-79.33	-63.1	2.34	9.70	H
	7500	-53.83	-25	-28.83	-80.81	-63.2	2.43	11.80	H
	10000	-50.60	-25	-25.60	-81.54	-60.1	2.70	12.20	H
									H
									H
									H
									H
	5004	-55.44	-25	-30.44	-79	-62.8	2.34	9.70	V
	7500	-53.73	-25	-28.73	-80.85	-63.1	2.43	11.80	V
	10000	-50.90	-25	-25.90	-81.86	-60.4	2.70	12.20	V
									V
									V
									V
									V
Middle	5052	-55.68	-25	-30.68	-79.62	-63.01	2.37	9.70	H
	7572	-53.79	-25	-28.79	-81.19	-63.23	2.41	11.84	H
	10098	-49.92	-25	-24.92	-81.61	-59.46	2.70	12.24	H
									H
									H
									H
									H
	5052	-54.92	-25	-29.92	-78.74	-62.25	2.37	9.70	V
	7575	-52.69	-25	-27.69	-80.41	-62.13	2.41	11.85	V
	10100	-50.28	-25	-25.28	-81.74	-59.82	2.70	12.24	V
									V
									V
									V
									V
								V	



LTE Band 7 / 20MHz / QPSK									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Margin ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Highest	5100	-54.69	-25	-29.69	-78.14	-62	2.39	9.70	H
	7650	-53.79	-25	-28.79	-81.09	-63.3	2.38	11.89	H
	10206	-50.11	-25	-25.11	-81.54	-59.7	2.70	12.28	H
									H
									H
									H
									H
	5100	-53.79	-25	-28.79	-77.35	-61.1	2.39	9.70	V
	7650	-53.59	-25	-28.59	-81.03	-63.1	2.38	11.89	V
	10206	-50.11	-25	-25.11	-81.62	-59.7	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 )	Margin ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	4992	-52.78	-25	-27.78	-77.72	-60.13	2.33	9.68	H
	7488	-53.99	-25	-28.99	-81.15	-63.33	2.43	11.78	H
	9990	-50.34	-25	-25.34	-81.74	-59.85	2.69	12.21	H
									H
									H
									H
									H
	4992	-53.66	-25	-28.66	-77.44	-61.01	2.33	9.68	V
	7488	-53.67	-25	-28.67	-81.04	-63.01	2.43	11.78	V
	9990	-50.45	-25	-25.45	-81.75	-59.96	2.69	12.21	V
									V
									V
									V
									V
Middle	5166	-52.85	-25	-27.85	-77.02	-60.12	2.43	9.70	H
	7752	-53.08	-25	-28.08	-80.85	-62.68	2.35	11.95	H
	10332	-49.41	-25	-24.41	-81.81	-59.05	2.69	12.33	H
									H
									H
									H
									H
	5166	-50.88	-25	-25.88	-74.9	-58.15	2.43	9.70	V
	7752	-53.07	-25	-28.07	-81.17	-62.67	2.35	11.95	V
	10332	-49.72	-25	-24.72	-81.99	-59.36	2.69	12.33	V
									V
									V
									V
									V
								V	



LTE Band 41 (HPUE) / 20MHz / QPSK									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Margin ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Highest	5340	-55.36	-25	-30.36	-80.05	-62.53	2.53	9.70	H
	8010	-52.32	-25	-27.32	-80.67	-62.16	2.27	12.11	H
	10674	-48.29	-25	-23.29	-81.61	-58.03	2.69	12.43	H
									H
									H
									H
									H
	5340	-54.46	-25	-29.46	-79.13	-61.63	2.53	9.70	V
	8010	-51.83	-25	-26.83	-80.68	-61.67	2.27	12.11	V
	10674	-48.54	-25	-23.54	-81.66	-58.28	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 12**

LTE Band 12 / 10MHz / QPSK									
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Margin ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1400	-63.93	-13	-50.93	-74.17	-65.59	0.87	4.68	H
	2097	-61.02	-13	-48.02	-76.47	-61.90	1.16	4.19	H
	2796	-59.19	-13	-46.19	-76.86	-61.29	1.38	5.64	H
									H
									H
									H
									H
	1400	-63.93	-13	-50.93	-74.64	-65.59	0.87	4.68	V
	2097	-60.42	-13	-47.42	-76.21	-61.30	1.16	4.19	V
	2796	-58.01	-13	-45.01	-76.46	-60.11	1.38	5.64	V
									V
									V
									V
									V
Middle	1408	-64.25	-13	-51.25	-74.48	-65.96	0.87	4.73	H
	2109	-61.21	-13	-48.21	-76.45	-62.12	1.17	4.23	H
	2812	-59.02	-13	-46.02	-76.72	-61.13	1.39	5.65	H
									H
									H
									H
									H
	1408	-63.72	-13	-50.72	-74.42	-65.43	0.87	4.73	V
	2109	-60.73	-13	-47.73	-76.52	-61.64	1.17	4.23	V
	2812	-58.08	-13	-45.08	-76.58	-60.19	1.39	5.65	V
									V
									V
									V
									V
								V	



LTE Band 12 / 10MHz / QPSK									
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Margin ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Highest	1416	-64.75	-13	-51.75	-74.98	-66.50	0.87	4.78	H
	2118	-60.51	-13	-47.51	-76.02	-61.44	1.17	4.25	H
	2824	-58.75	-13	-45.75	-76.44	-60.87	1.39	5.66	H
									H
									H
									H
									H
	1416	-63.53	-13	-50.53	-74.23	-65.28	0.87	4.78	V
	2118	-58.73	-13	-45.73	-75.59	-59.66	1.17	4.25	V
	2824	-58.40	-13	-45.40	-76.89	-60.52	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 13**

LTE Band 13 / 5MHz / QPSK									
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Margin ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1554	-64.24	-13	-51.24	-74.88	-66.30	0.94	5.15	H
	2331	-59.99	-13	-46.99	-75.86	-61.50	1.24	4.89	H
	3108	-58.56	-13	-45.56	-76.87	-61.20	1.48	6.28	H
									H
									H
									H
									H
	1554	-63.44	-13	-50.44	-74.62	-65.50	0.94	5.15	V
	2331	-59.69	-13	-46.69	-76.33	-61.20	1.24	4.89	V
	3108	-57.96	-13	-44.96	-76.81	-60.60	1.48	6.28	V
									V
									V
									V
									V
Middle	1559	-64.65	-42.15	-22.50	-74.17	-66.70	0.94	5.13	H
	2339	-60.27	-13	-47.27	-76.13	-61.80	1.24	4.92	H
	3118	-58.52	-13	-45.52	-76.33	-61.20	1.48	6.32	H
									H
									H
									H
									H
	1559	-63.85	-42.15	-21.70	-74.83	-65.90	0.94	5.13	V
	2339	-58.87	-13	-45.87	-75.48	-60.40	1.24	4.92	V
	3118	-58.12	-13	-45.12	-76.74	-60.80	1.48	6.32	V
									V
									V
									V
									V
								V	



LTE Band 13 / 5MHz / QPSK									
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Margin ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Highest	1564	-64.27	-42.15	-22.12	-74.91	-66.30	0.94	5.12	H
	2346	-60.35	-13	-47.35	-76.37	-61.90	1.24	4.94	H
	3128	-58.77	-13	-45.77	-76.81	-61.50	1.49	6.36	H
									H
									H
									H
									H
	1564	-63.77	-42.15	-21.62	-75.15	-65.80	0.94	5.12	V
	2346	-59.55	-13	-46.55	-76.07	-61.10	1.24	4.94	V
	3128	-58.17	-13	-45.17	-76.77	-60.90	1.49	6.36	V
									V
									V
									V
									V

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



LTE Band 13 / 10MHz / QPSK									
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Margin ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1554	-63.74	-13	-50.74	-74.45	-65.8	0.94	5.15	H
	2331	-59.89	-13	-46.89	-76.16	-61.4	1.24	4.89	H
	3108	-58.66	-13	-45.66	-76.95	-61.3	1.48	6.28	H
									H
									H
									H
									H
	1554	-63.54	-13	-50.54	-74.61	-65.6	0.94	5.15	V
	2331	-59.59	-13	-46.59	-75.97	-61.1	1.24	4.89	V
	3108	-57.76	-13	-44.76	-76.76	-60.4	1.48	6.28	V
									V
									V
									V
									V

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



**LTE Band 71**

LTE Band 71 / 20MHz / QPSK									
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Margin ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1328	-64.01	-13	-51.01	-73.91	-65.26	0.84	4.23	H
	1992	-60.46	-13	-47.46	-75.35	-61.1	1.13	3.92	H
	2656	-59.23	-13	-46.23	-76.59	-61.27	1.34	5.52	H
									H
									H
									H
									H
	1328	-63.82	-13	-50.82	-74.13	-65.07	0.84	4.23	V
	1992	-60.08	-13	-47.08	-75.29	-60.72	1.13	3.92	V
	2656	-58.81	-13	-45.81	-76.78	-60.85	1.34	5.52	V
									V
									V
									V
									V
Middle	1342	-64.02	-13	-51.02	-73.96	-65.35	0.84	4.32	H
	2013	-60.42	-13	-47.42	-75.51	-61.07	1.14	3.94	H
	2684	-58.81	-13	-45.81	-79.46	-60.86	1.35	5.55	H
									H
									H
									H
									H
	1342	-63.69	-13	-50.69	-74.05	-65.02	0.84	4.32	V
	2013	-60.26	-13	-47.26	-75.67	-60.91	1.14	3.94	V
	2684	-58.45	-13	-45.45	-76.52	-60.5	1.35	5.55	V
									V
									V
									V
									V
								V	





LTE Band 71 / 20MHz / QPSK									
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Margin ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Highest	1360	-64.36	-13	-51.36	-74.38	-65.79	0.85	4.43	H
	2037	-61.05	-13	-48.05	-76.21	-61.77	1.15	4.01	H
	2716	-59.11	-13	-46.11	-76.6	-61.17	1.36	5.57	H
									H
									H
									H
									H
	1360	-64.21	-13	-51.21	-74.67	-65.64	0.85	4.43	V
	2037	-59.14	-13	-46.14	-74.62	-59.86	1.15	4.01	V
	2716	-58.56	-13	-45.56	-76.74	-60.62	1.36	5.57	V
									V
									V
									V
									V

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



**LTE Band 5B**

LTE Band 5B / 10MHz+10MHz / QPSK									
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Margin ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1672	-63.64	-13	-50.64	-75.81	-65.32	0.99	4.82	H
	2504	-59.87	-13	-46.87	-77.06	-61.83	1.29	5.40	H
	3336	-58.01	-13	-45.01	-77.55	-61.59	1.55	7.28	H
									H
									H
									H
									H
	1672	-62.94	-13	-49.94	-75.58	-64.62	0.99	4.82	V
	2504	-59.25	-13	-46.25	-76.89	-61.21	1.29	5.40	V
	3336	-57.88	-13	-44.88	-77.7	-61.46	1.55	7.28	V
									V
									V
									V
									V
Middle	1672	-63.44	-13	-50.44	-75.61	-65.12	0.99	4.82	H
	2512	-58.77	-13	-45.77	-75.99	-60.74	1.29	5.41	H
	3344	-58.12	-13	-45.12	-77.6	-61.73	1.56	7.31	H
									H
									H
									H
									H
	1672	-62.71	-13	-49.71	-75.27	-64.39	0.99	4.82	V
	2512	-57.85	-13	-44.85	-75.59	-59.82	1.29	5.41	V
	3344	-57.94	-13	-44.94	-77.74	-61.55	1.56	7.31	V
									V
									V
									V
									V
								V	



LTE Band 5B / 10MHz+10MHz / QPSK									
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Margin ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Highest	1680	-63.67	-13	-50.67	-75.85	-65.32	0.99	4.80	H
	2520	-60.05	-13	-47.05	-77.36	-62.02	1.30	5.42	H
	3352	-58.19	-13	-45.19	-77.76	-61.83	1.56	7.35	H
									H
									H
									H
									H
	1680	-62.74	-13	-49.74	-75.38	-64.39	0.99	4.80	V
	2520	-53.38	-13	-40.38	-71.09	-55.35	1.30	5.42	V
	3352	-58.19	-13	-45.19	-77.79	-61.83	1.56	7.35	V
									V
									V
									V
									V

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



**LTE Band 66B**

LTE Band 66B / 10MHz+10MHz / QPSK									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Margin ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3438	-57.49	-13	-44.49	-78.14	-63.63	1.58	7.73	H
	5160	-56.46	-13	-43.46	-80.6	-63.73	2.43	9.70	H
	6882	-54.02	-13	-41.02	-81.02	-62.05	2.63	10.66	H
									H
									H
									H
									H
	3438	-57.57	-13	-44.57	-78.18	-63.71	1.58	7.73	V
	5160	-56.48	-13	-43.48	-80.47	-63.75	2.43	9.70	V
	6882	-54.18	-13	-41.18	-81.04	-62.21	2.63	10.66	V
									V
									V
									V
									V
Middle	3510	-56.95	-13	-43.95	-77.85	-63.35	1.61	8.01	H
	5268	-56.58	-13	-43.58	-80.83	-63.79	2.49	9.70	H
	7020	-54.89	-13	-41.89	-81.63	-63.15	2.58	10.84	H
									H
									H
									H
									H
	3510	-57.22	-13	-44.22	-77.96	-63.62	1.61	8.01	V
	5268	-56.67	-13	-43.67	-81.05	-63.88	2.49	9.70	V
	7020	-54.98	-13	-41.98	-81.75	-63.24	2.58	10.84	V
									V
									V
									V
									V
								V	



LTE Band 66B / 10MHz+10MHz / QPSK									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Margin ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Highest	3540	-57.15	-13	-44.15	-78.02	-63.58	1.62	8.05	H
	5310	-56.27	-13	-43.27	-80.81	-63.45	2.52	9.70	H
	7080	-54.81	-13	-41.81	-81.71	-63.21	2.56	10.96	H
									H
									H
									H
									H
	3540	-57.14	-13	-44.14	-77.86	-63.57	1.62	8.05	V
	5310	-56.64	-13	-43.64	-81.1	-63.82	2.52	9.70	V
	7080	-54.82	-13	-41.82	-81.78	-63.22	2.56	10.96	V
									V
									V
									V
									V

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



**LTE Band 66C**

LTE Band 66C / 20MHz+20MHz / QPSK									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Margin ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3462	-57.01	-13	-44.01	-77.73	-63.25	1.59	7.83	H
	5190	-56.14	-13	-43.14	-80.26	-63.39	2.45	9.70	H
	6918	-55.03	-13	-42.03	-81.89	-63.11	2.62	10.70	H
									H
									H
									H
									H
	3462	-57.34	-13	-44.34	-78.08	-63.58	1.59	7.83	V
	5190	-56.77	-13	-43.77	-80.71	-64.02	2.45	9.70	V
	6918	-54.58	-13	-41.58	-81.5	-62.66	2.62	10.70	V
									V
									V
									V
									V
Middle	3510	-57.36	-13	-44.36	-78.25	-63.76	1.61	8.01	H
	5268	-56.18	-13	-43.18	-80.55	-63.39	2.49	9.70	H
	7020	-55.09	-13	-42.09	-81.77	-63.35	2.58	10.84	H
									H
									H
									H
									H
	3510	-57.02	-13	-44.02	-77.78	-63.42	1.61	8.01	V
	5268	-56.58	-13	-43.58	-80.83	-63.79	2.49	9.70	V
	7020	-55.09	-13	-42.09	-81.87	-63.35	2.58	10.84	V
									V
									V
									V
									V
								V	



LTE Band 66C / 20MHz+20MHz / QPSK									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Margin ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Highest	3522	-57.46	-13	-44.46	-78.21	-63.88	1.61	8.03	H
	5280	-56.67	-13	-43.67	-81.1	-63.87	2.50	9.70	H
	7038	-55.23	-13	-42.23	-82.04	-63.53	2.58	10.88	H
									H
									H
									H
									H
	3522	-57.44	-13	-44.44	-78.11	-63.86	1.61	8.03	V
	5280	-56.61	-13	-43.61	-81.05	-63.81	2.50	9.70	V
	7038	-55.14	-13	-42.14	-81.94	-63.44	2.58	10.88	V
									V
									V
									V
									V

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



<Ant. 1 + Ant. 0>

**LTE CA Band 5A+66A**

LTE CA Band 5A+66A_5A / 10MHz+20MHz / QPSK									
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Margin ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1663	-53.59	-13	-40.59	-75.43	-55.30	0.98	4.84	H
	2495	-49.85	-13	-36.85	-76.99	-51.8	1.29	5.39	H
	3326	-58.67	-13	-45.67	-78.16	-62.2	1.55	7.23	H
									H
									H
									H
									H
	1663	-53.39	-13	-40.39	-75.75	-55.1	0.98	4.84	V
	2495	-49.55	-13	-36.55	-77.06	-51.5	1.29	5.39	V
	3326	-57.67	-13	-44.67	-77.06	-61.2	1.55	7.23	V
									V
									V
									V
									V

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





LTE CA Band 5A+66A_66A / 10MHz+20MHz / QPSK									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Margin ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3470	-56.83	-13	-43.83	-77.37	-63.1	1.59	7.87	H
	5205	-56.96	-13	-43.96	-80.88	-64.2	2.46	9.70	H
	6940	-55.18	-13	-42.18	-81.59	-63.3	2.61	10.73	H
									H
									H
									H
									H
	3470	-57.53	-13	-44.53	-77.81	-63.8	1.59	7.87	V
	5205	-57.36	-13	-44.36	-80.96	-64.6	2.46	9.70	V
	6940	-54.78	-13	-41.78	-81.43	-62.9	2.61	10.73	V
									V
									V
									V
									V

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



<Ant. 0 + Ant. 8>

**LTE CA Band 2A+4A**

LTE CA Band 2A+4A / 20MHz+20MHz / QPSK									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Margin ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3445	-56.93	-13	-43.93	-77.06	-63.1	1.59	7.76	H
	3740	-58.49	-13	-45.49	-78.87	-65.1	1.68	8.29	H
	5168	-56.23	-13	-43.23	-80.25	-63.5	2.43	9.70	H
	5610	-56.04	-13	-43.04	-81.38	-63.1	2.69	9.74	H
	6890	-54.86	-13	-41.86	-81.54	-62.9	2.63	10.67	H
	7480	-54.68	-13	-41.68	-81.5	-64	2.44	11.76	H
									H
	3445	-55.13	-13	-42.13	-75.74	-61.3	1.59	7.76	V
	3740	-58.09	-13	-45.09	-78.85	-64.7	1.68	8.29	V
	5168	-56.63	-13	-43.63	-80.26	-63.9	2.43	9.70	V
	5610	-56.14	-13	-43.14	-81.32	-63.2	2.69	9.74	V
	6890	-55.46	-13	-42.46	-81.86	-63.5	2.63	10.67	V
	7480	-54.88	-13	-41.88	-81.89	-64.2	2.44	11.76	V
									V

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



**LTE CA Band 2A+66A**

LTE CA Band 2A+66A / 20MHz+20MHz / QPSK									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Margin ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3470	-57.83	-13	-44.83	-78.15	-64.1	1.59	7.87	H
	3740	-58.09	-13	-45.09	-78.78	-64.7	1.68	8.29	H
	5205	-56.66	-13	-43.66	-80.87	-63.9	2.46	9.70	H
	5610	-56.44	-13	-43.44	81.41	-63.5	2.69	9.74	H
	6940	-54.48	-13	-41.48	-81.47	-62.6	2.61	10.73	H
	7480	-55.08	-13	-42.08	-82	-64.4	2.44	11.76	H
									H
	3470	-57.63	-13	-44.63	-77.87	-63.9	1.59	7.87	V
	3740	-58.19	-13	-45.19	-78.73	-64.8	1.68	8.29	V
	5205	-56.96	-13	-43.96	-80.49	-64.2	2.46	9.70	V
	5610	-56.24	-13	-43.24	-81.19	-63.3	2.69	9.74	V
	6940	-54.98	-13	-41.98	-81.69	-63.1	2.61	10.73	V
	7480	-54.78	-13	-41.78	-81.93	-64.1	2.44	11.76	V
									V

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



**LTE CA Band 13A+66A**

LTE CA Band 13A+66A_66A / 10MHz+20MHz / QPSK									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Margin ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3474	-52.42	-13	-39.42	-73.22	-58.71	1.60	7.89	H
	5208	-56.52	-13	-43.52	-80.66	-63.76	2.46	9.70	H
	6942	-54.76	-13	-41.76	-81.52	-62.88	2.61	10.73	H
									H
									H
									H
									H
	3474	-57.42	-13	-44.42	-72	-63.71	1.60	7.89	V
	5208	-56.52	-13	-43.52	-80.68	-63.76	2.46	9.70	V
	6942	-54.56	-13	-41.56	-81.42	-62.68	2.61	10.73	V
									V
									V
									V
									V

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



LTE CA Band 13A+66A_13A / 10MHz+20MHz / QPSK									
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Margin ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1554	-53.95	-13	-40.95	-75.07	-56.01	0.94	5.15	H
	2332	-50.01	-13	-37.01	-76.59	-51.52	1.24	4.90	H
	3108	-58.19	-13	-45.19	-77.29	-60.83	1.48	6.28	H
									H
									H
									H
									H
	1554	-53.33	-13	-40.33	-74.96	-55.39	0.94	5.15	V
	2332	-49.31	-13	-36.31	-76.35	-50.82	1.24	4.90	V
	3108	-57.41	-13	-44.41	-77.41	-60.05	1.48	6.28	V
									V
									V
									V
									V

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



<Ant. 0 + Ant. 1>

**LTE CA Band 2A+5A**

LTE CA Band 2A+5A_2A / 20MHz+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	3740	-58.29	-13	-45.29	-78.95	-64.9	1.68	8.29	H
	5610	-56.44	-13	-43.44	-81.44	-63.5	2.69	9.74	H
	7480	-54.78	-13	-41.78	-81.6	-64.1	2.44	11.76	H
									H
									H
									H
									H
	3740	-58.59	-13	-45.59	-78.89	-65.2	1.68	8.29	V
	5610	-56.24	-13	-43.24	-81.54	-63.3	2.69	9.74	V
	7480	-54.48	-13	-41.48	-81.51	-63.8	2.44	11.76	V
									V
									V
									V
									V

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



LTE CA Band 2A+5A_5A / 20MHz+10MHz / QPSK									
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Margin ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1664	-53.79	-13	-40.79	-75.57	-55.50	0.98	4.84	H
	2496	-49.70	-13	-36.70	-77.03	-51.65	1.29	5.39	H
	3326	-58.07	-13	-45.07	-78.04	-61.6	1.55	7.23	H
									H
									H
									H
									H
	1664	-53.59	-13	-40.59	-75.91	-55.3	0.98	4.84	V
	2496	-49.35	-13	-36.35	-77	-51.3	1.29	5.39	V
	3326	-57.87	-13	-44.87	-77.89	-61.4	1.55	7.23	V
									V
									V
									V
									V

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



**LTE CA Band 4A+5A**

LTE CA Band 4A+5A_4A / 20MHz+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	3466	-57.03	-13	-44.03	-77.8	-63.29	1.59	7.85	H
	5199	-56.43	-13	-43.43	-80.61	-63.68	2.45	9.70	H
	6932	-54.53	-13	-41.53	-814.37	-62.64	2.61	10.72	H
									H
									H
									H
									H
	3466	-57.17	-13	-44.17	-77.87	-63.43	1.59	7.85	V
	5199	-56.23	-13	-43.23	-80.27	-63.48	2.45	9.70	V
	6932	-54.33	-13	-41.33	-81.17	-62.44	2.61	10.72	V
									V
									V
									V
									V

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





LTE CA Band 4A+5A_5A / 20MHz+10MHz / QPSK									
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Margin ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1664	-53.43	-13	-40.43	-75.41	-55.14	0.98	4.84	H
	2496	-49.49	-13	-36.49	-76.73	-51.44	1.29	5.39	H
	3326	-57.99	-13	-44.99	-78.09	-61.52	1.55	7.23	H
									H
									H
									H
									H
	1664	-53.03	-13	-40.03	-75.48	-54.74	0.98	4.84	V
	2496	-49.31	-13	-36.31	-77	-51.26	1.29	5.39	V
	3326	-57.64	-13	-44.64	-78.09	-61.17	1.55	7.23	V
									V
									V
									V
									V

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



<Ant. 8 + Ant. 0>

**LTE CA Band 2A+13A**

LTE CA Band 2A+13A_2A / 20MHz+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	3740	-57.06	-13	-44.06	-77.83	-63.67	1.68	8.29	H
	5610	-55.50	-13	-42.50	-81.04	-62.56	2.69	9.74	H
	7480	-54.16	-13	-41.16	-81.31	-63.48	2.44	11.76	H
									H
									H
									H
									H
	3740	-57.72	-13	-44.72	-78.5	-64.33	1.68	8.29	V
	5610	-55.47	-13	-42.47	-80.99	-62.53	2.69	9.74	V
	7480	-53.75	-13	-40.75	-81.13	-63.07	2.44	11.76	V
									V
									V
									V
									V

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



LTE CA Band 2A+13A_13A / 20MHz+10MHz / QPSK									
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Margin ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1554	-54.23	-13	-41.23	-75.34	-56.29	0.94	5.15	H
	2331	-49.75	-13	-36.75	-76.32	-51.26	1.24	4.89	H
	3108	-58.10	-13	-45.10	-77.31	-60.74	1.48	6.28	H
									H
									H
									H
									H
	1554	-53.96	-13	-40.96	-75.57	-56.02	0.94	5.15	V
	2331	-49.70	-13	-36.70	-76.67	-51.21	1.24	4.89	V
	3108	-57.45	-13	-44.45	-77.42	-60.09	1.48	6.28	V
									V
									V
									V
									V

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



**LTE CA Band 4A+13A**

LTE CA Band 4A+13A_ 4A / 20MHz+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	3444	-58.12	-13	-45.12	-77.4	-64.29	1.59	7.75	H
	5166	-57.26	-13	-44.26	-78.01	-64.53	2.43	9.70	H
	6888	-54.45	-13	-41.45	-81.41	-62.49	2.63	10.67	H
									H
									H
									H
									H
	3444	-56.95	-13	-43.95	-77.64	-63.12	1.59	7.75	V
	5166	-56.46	-13	-43.46	-80.47	-63.73	2.43	9.70	V
	6888	-54.54	-13	-41.54	-81.44	-62.58	2.63	10.67	V
									V
									V
									V
									V

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



LTE CA Band 4A+13A_13A / 20MHz+10MHz / QPSK									
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Margin ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1554	-54.26	-13	-41.26	-75.43	-56.32	0.94	5.15	H
	2332	-50.08	-13	-37.08	-76.66	-51.59	1.24	4.90	H
	3108	-59.18	-13	-46.18	-77.4	-61.82	1.48	6.28	H
									H
									H
									H
									H
	1554	-53.71	-13	-40.71	-75.38	-55.77	0.94	5.15	V
	2332	-49.51	-13	-36.51	-76.38	-51.02	1.24	4.90	V
	3108	-57.18	-13	-44.18	-77.17	-59.82	1.48	6.28	V
									V
									V
									V
									V

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

## Appendix C. Setup Photographs

### <Radiated Emission>

X Plane with Adapter for LTE Band 2, 7, 25, 26, 41 (HPUE), 66B, 66C, 71,  
LTE CA Band 5A+66A, 2A+4A, 2A+5A, 2A+13A, 2A+66A, 4A+5A, 4A+13A,  
13A+66A

LF



HF



SHF



Z Plane with Adapter for LTE Band 5B, 12, 13, 66

LF

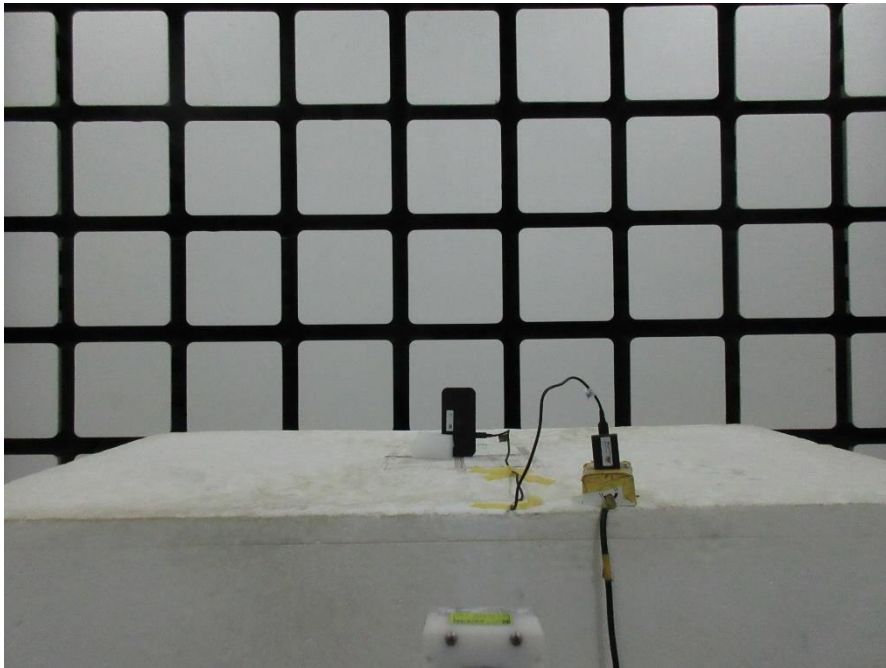


HF





SHF



————THE END————