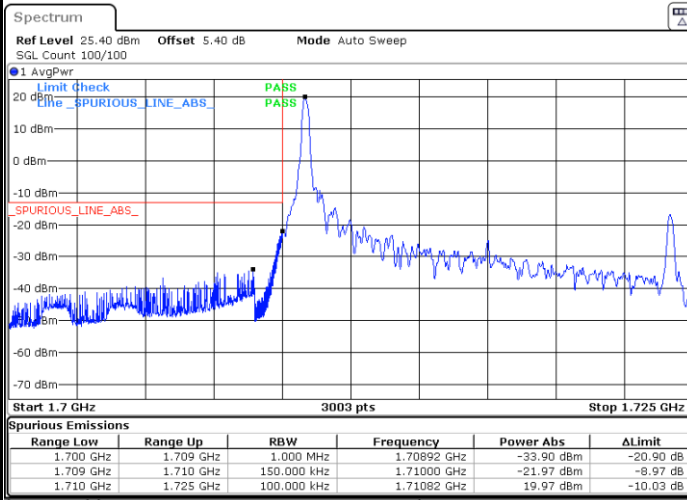




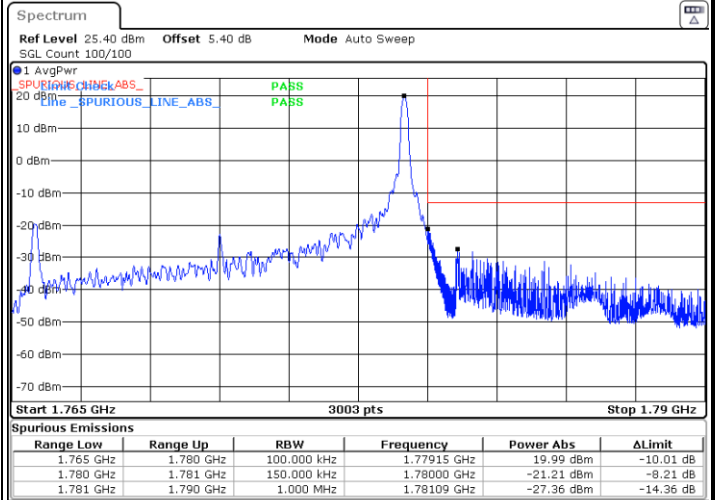
LTE Band 66 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



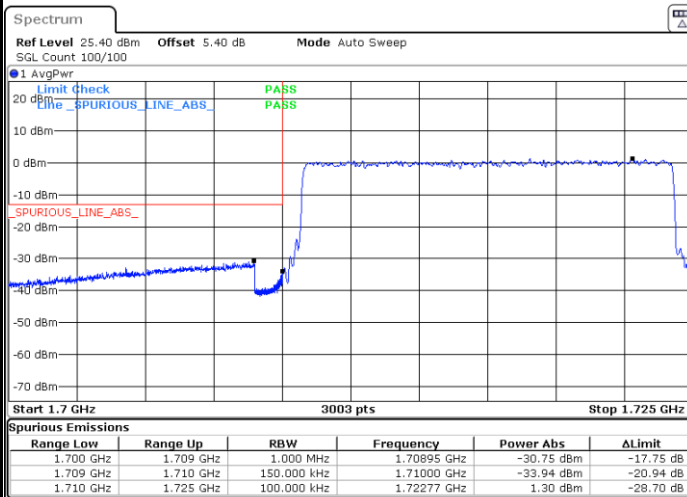
Date: 5.APR.2023 02:02:23

Highest Band Edge / 1 RB



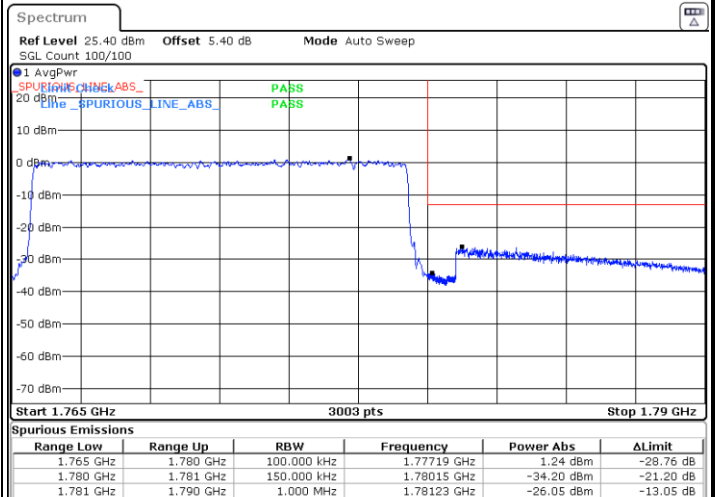
Date: 5.APR.2023 02:13:22

Lowest Band Edge / Full RB



Date: 5.APR.2023 02:06:37

Highest Band Edge / Full RB

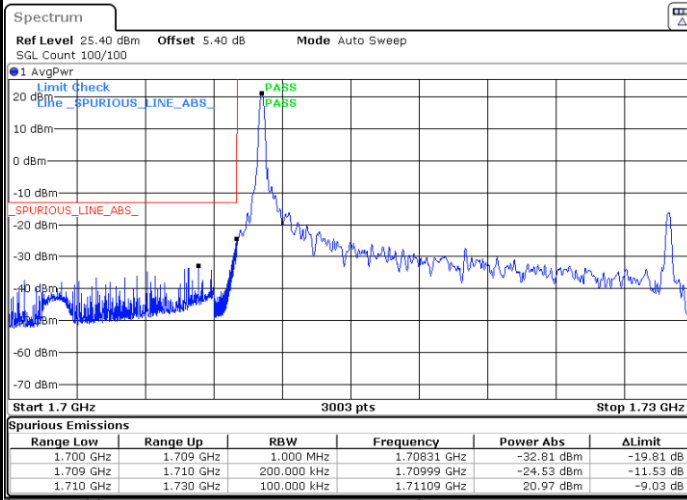


Date: 5.APR.2023 02:15:22



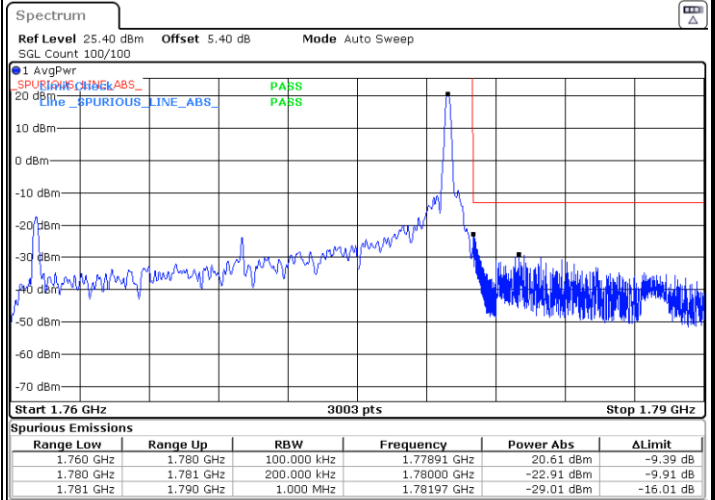
LTE Band 66 / 20MHz / QPSK

Lowest Band Edge / 1 RB



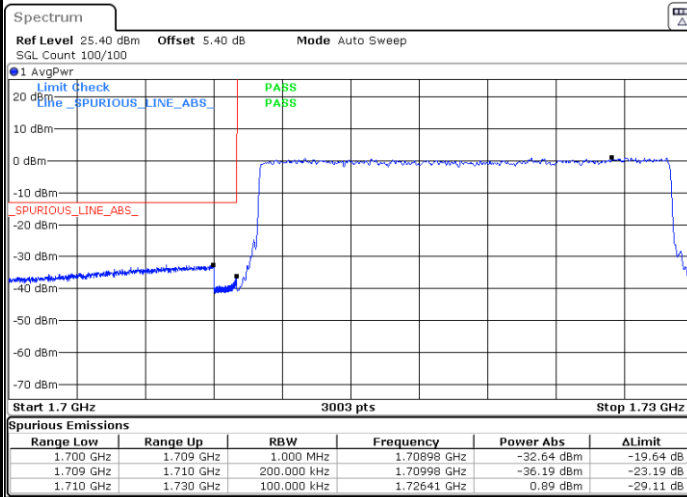
Date: 5.APR.2023 02:18:42

Highest Band Edge / 1 RB



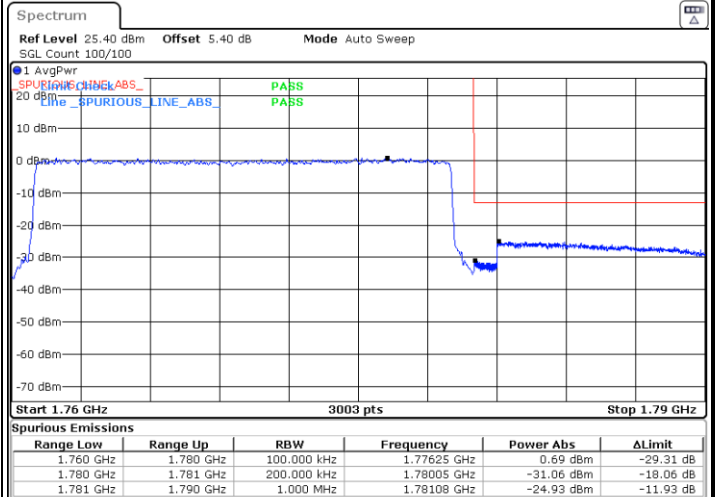
Date: 5.APR.2023 02:26:42

Lowest Band Edge / Full RB



Date: 5.APR.2023 02:22:02

Highest Band Edge / Full RB

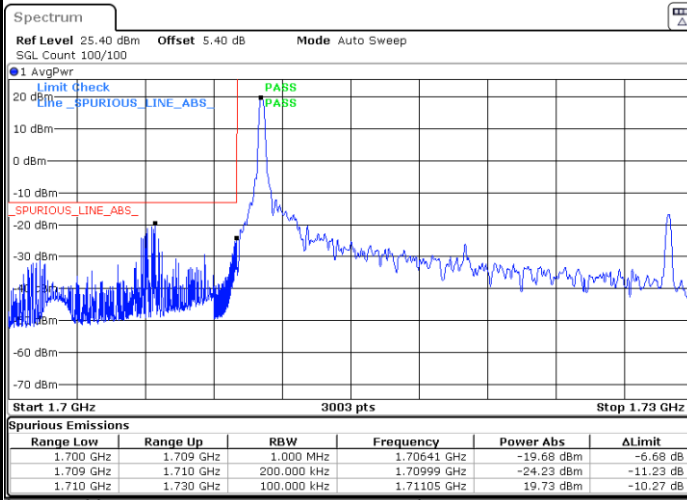


Date: 5.APR.2023 02:30:04



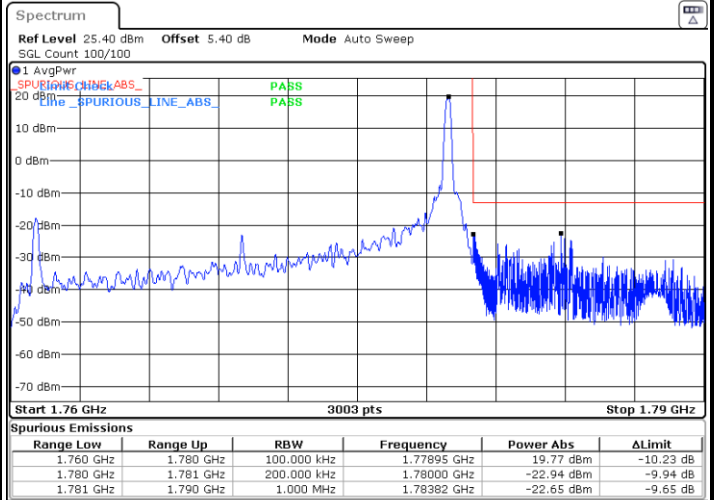
LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



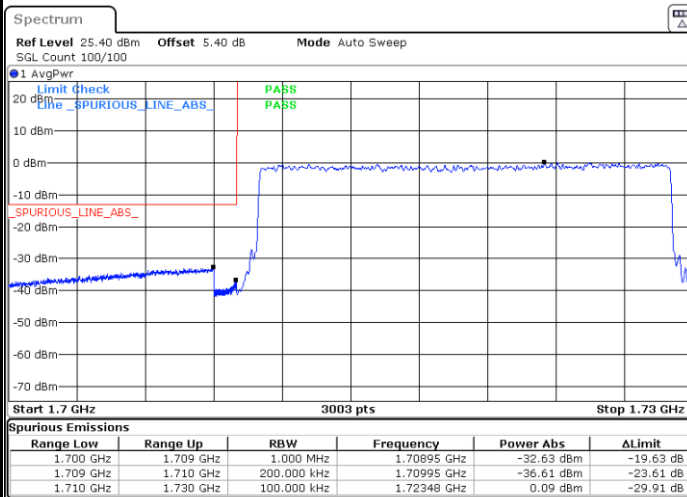
Date: 5.APR.2023 02:19:22

Highest Band Edge / 1 RB



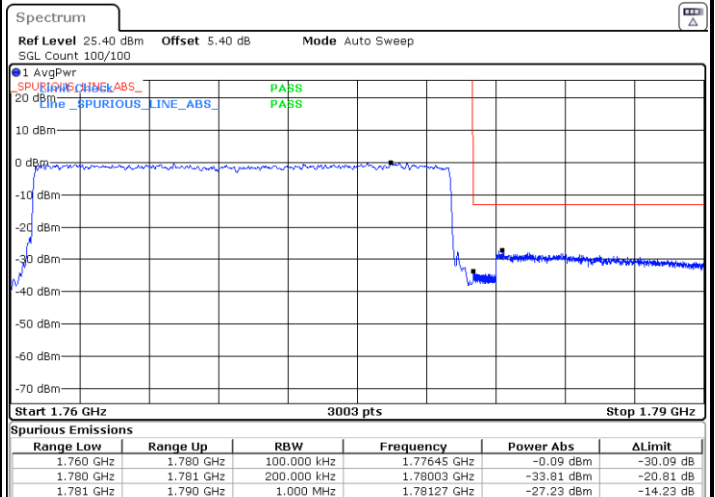
Date: 5.APR.2023 02:27:22

Lowest Band Edge / Full RB



Date: 5.APR.2023 02:21:22

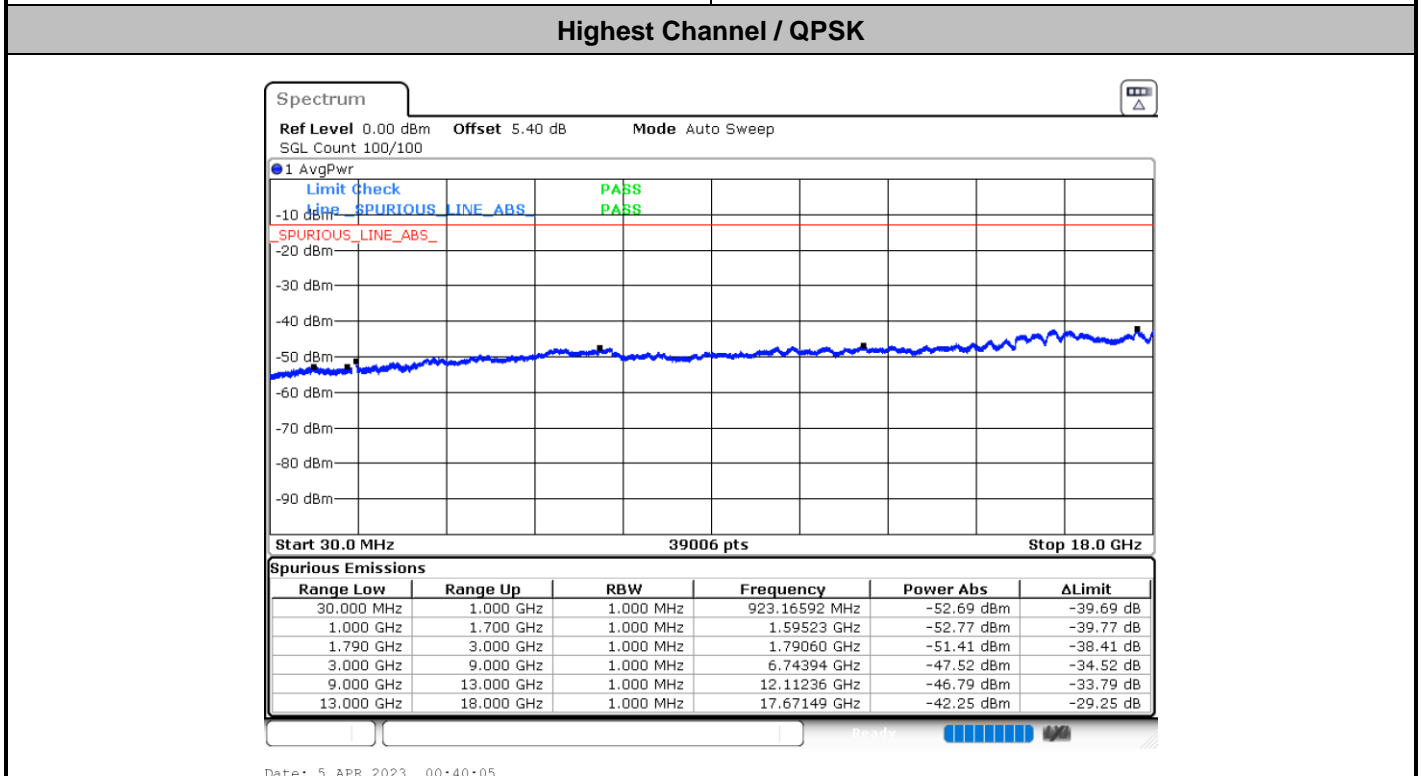
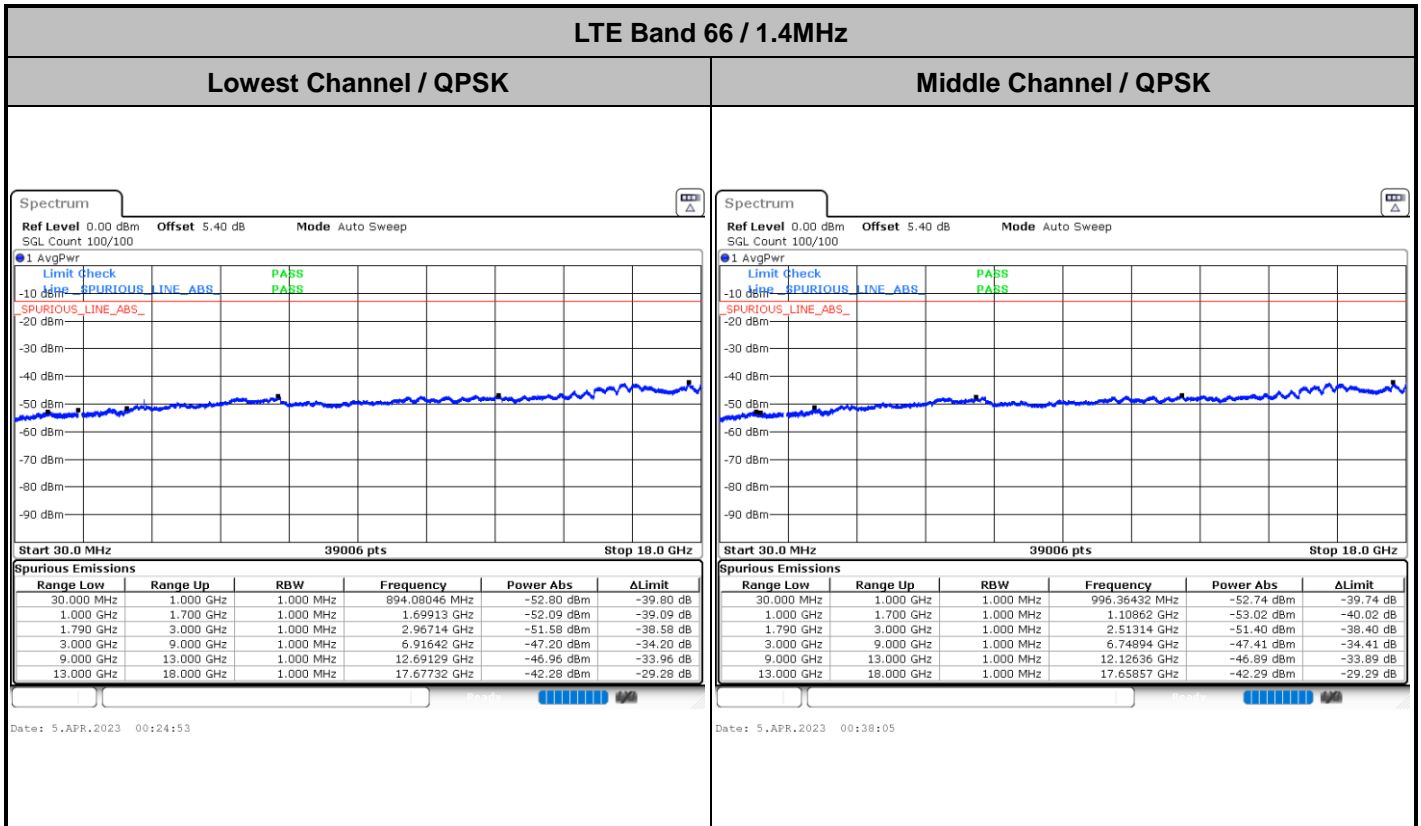
Highest Band Edge / Full RB



Date: 5.APR.2023 02:29:25



# Conducted Spurious Emission

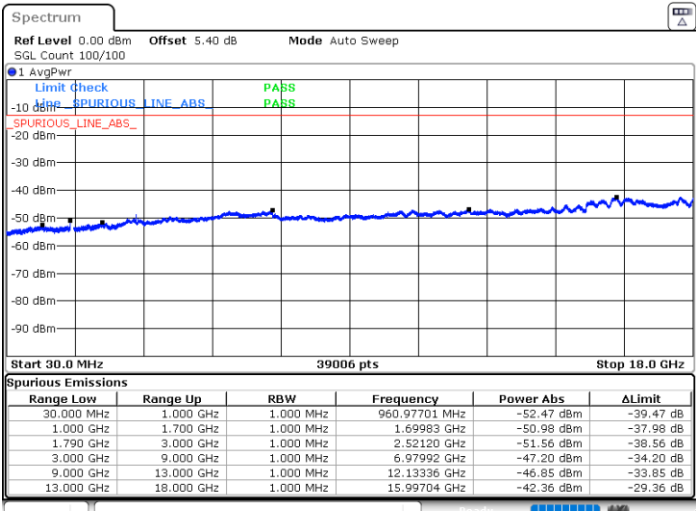




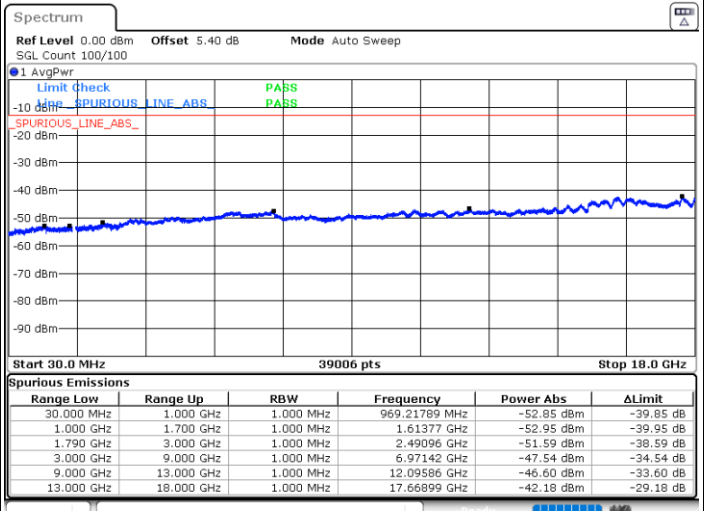
LTE Band 66 / 3MHz

Lowest Channel / QPSK

Middle Channel / QPSK

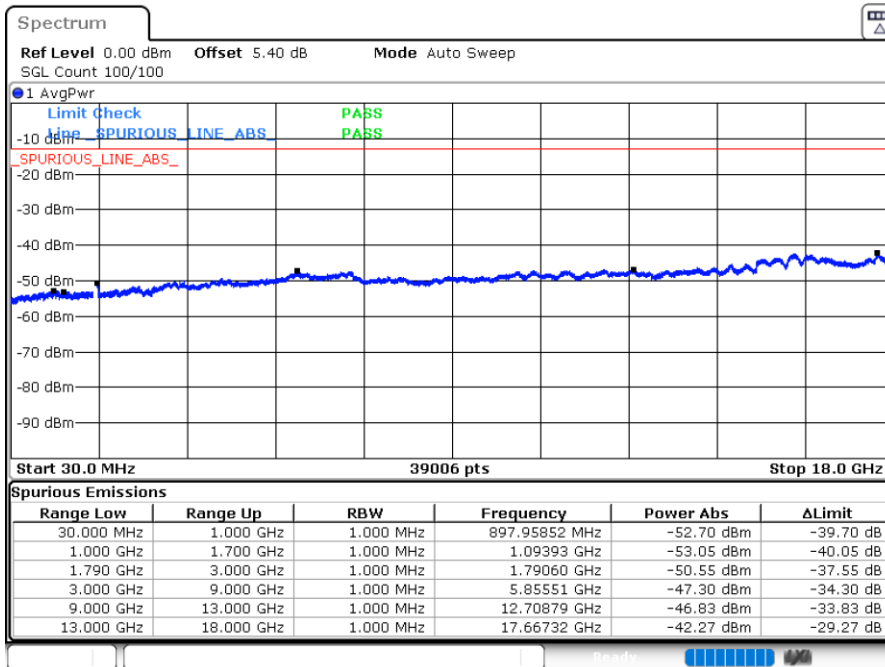


Date: 5.APR.2023 00:50:35



Date: 5.APR.2023 01:01:05

Highest Channel / QPSK



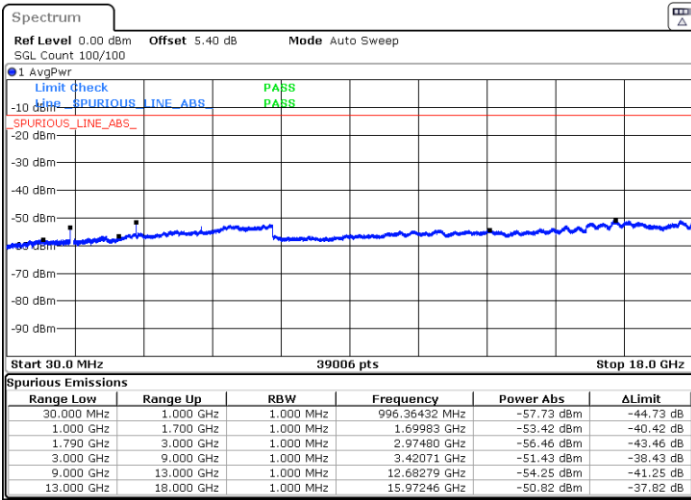
Date: 5.APR.2023 01:03:05



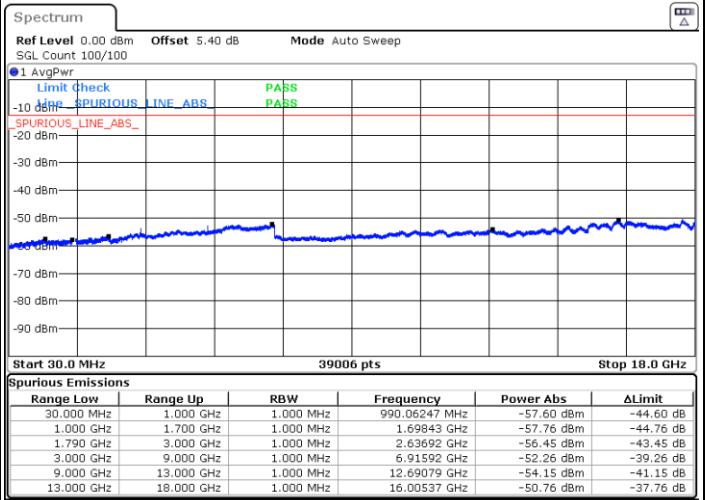
LTE Band 66 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK

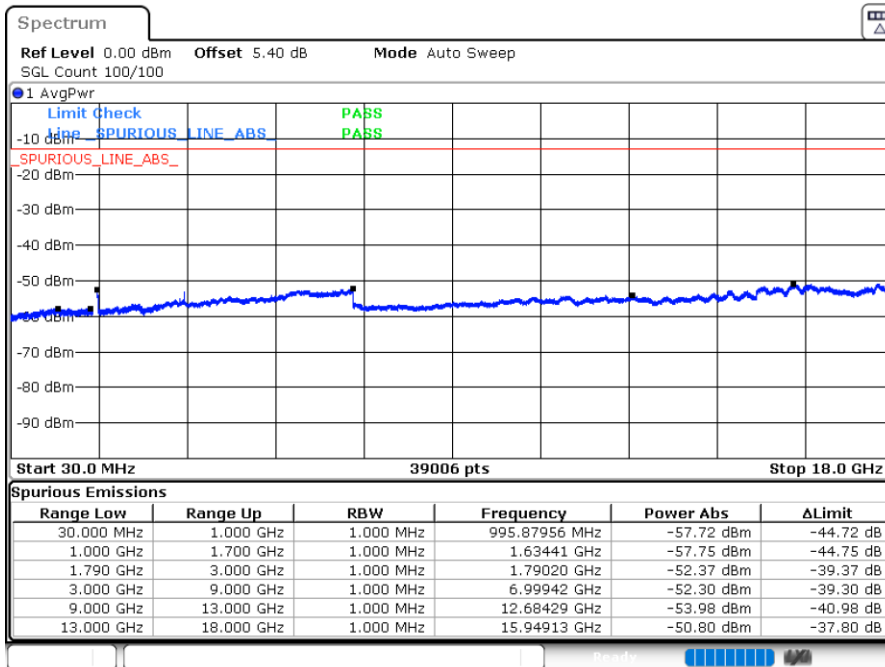


Date: 5.APR.2023 01:13:34



Date: 5.APR.2023 01:24:03

Highest Channel / QPSK



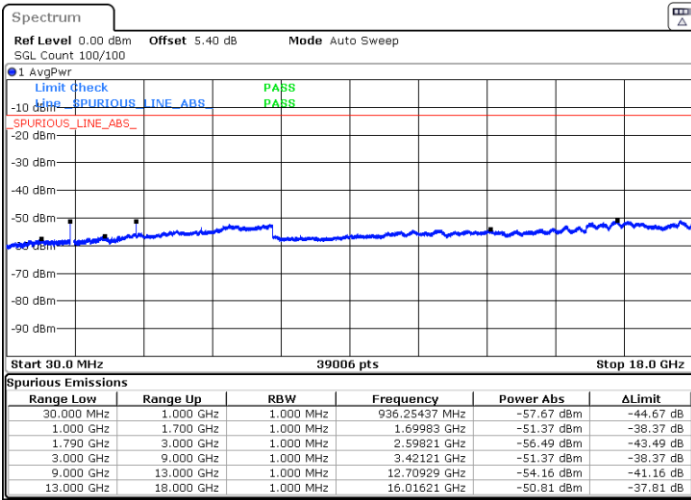
Date: 5.APR.2023 01:26:04



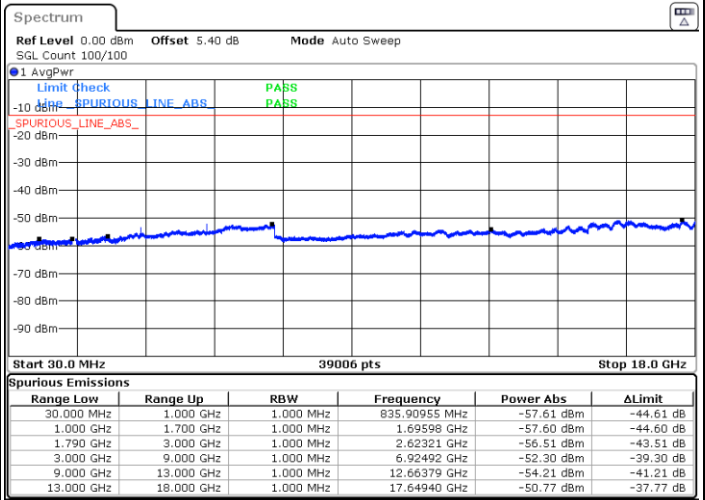
LTE Band 66 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

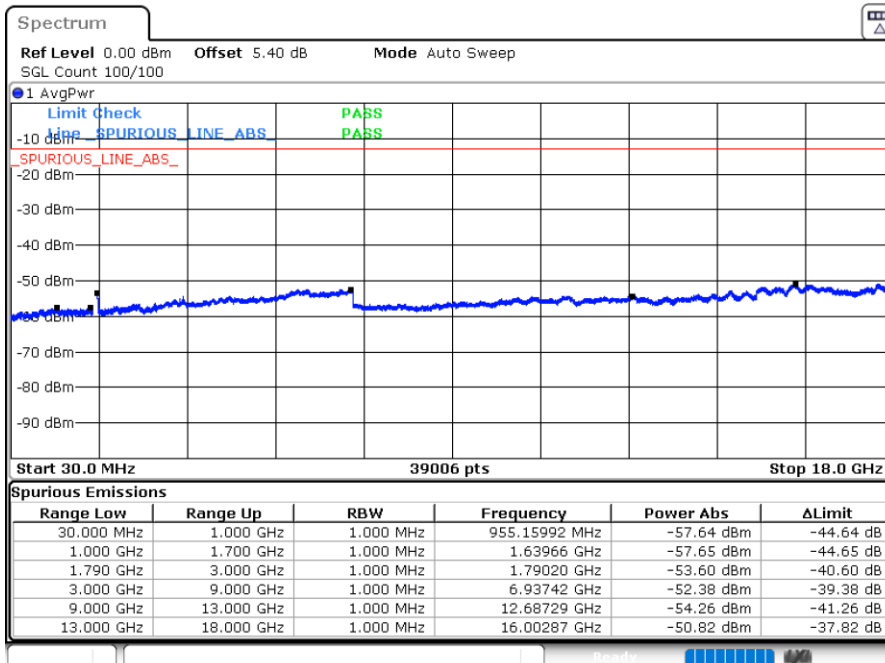


Date: 5.APR.2023 01:36:34



Date: 5.APR.2023 01:47:03

Highest Channel / QPSK



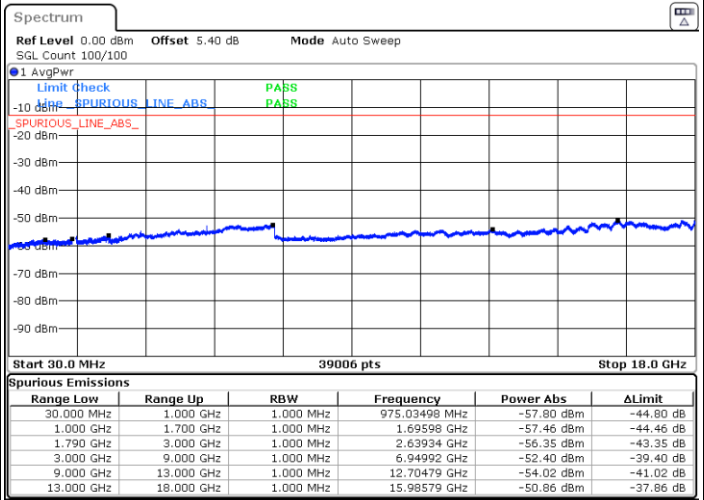
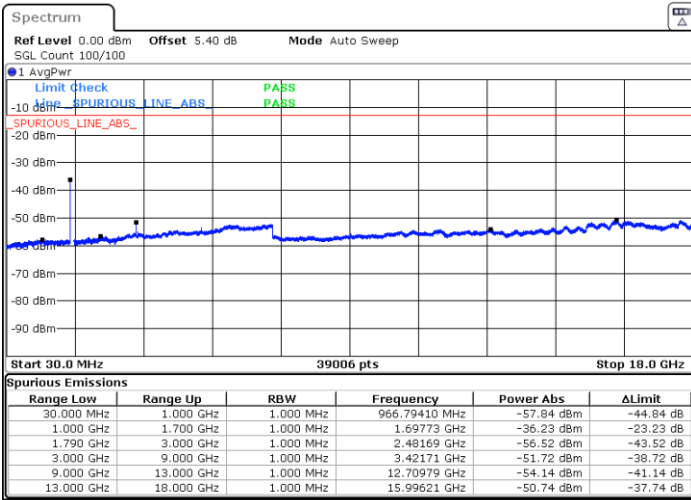
Date: 5.APR.2023 01:49:03



LTE Band 66 / 15MHz

Lowest Channel / QPSK

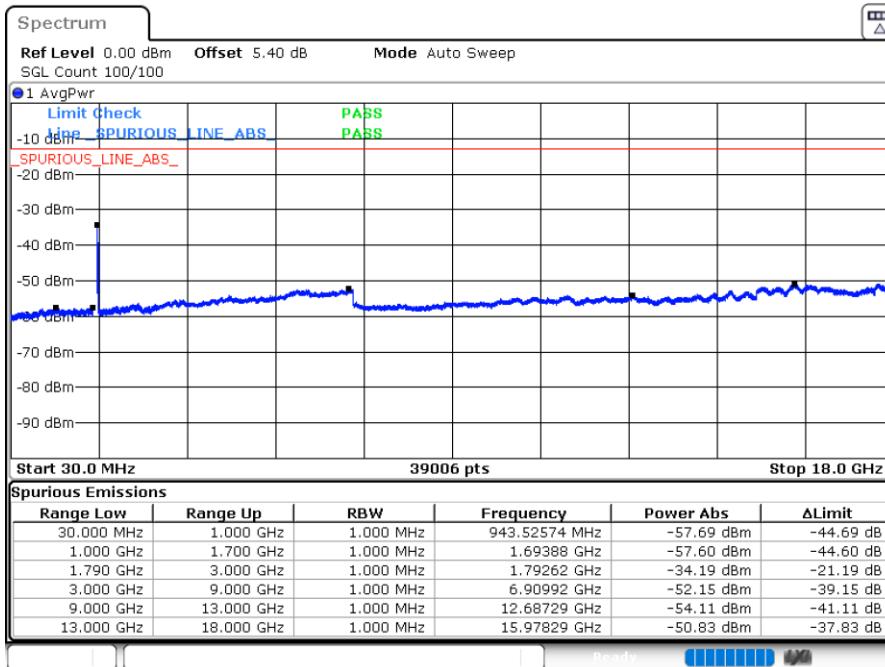
Middle Channel / QPSK



Date: 5.APR.2023 01:59:33

Date: 5.APR.2023 02:10:02

Highest Channel / QPSK



Date: 5.APR.2023 02:12:02

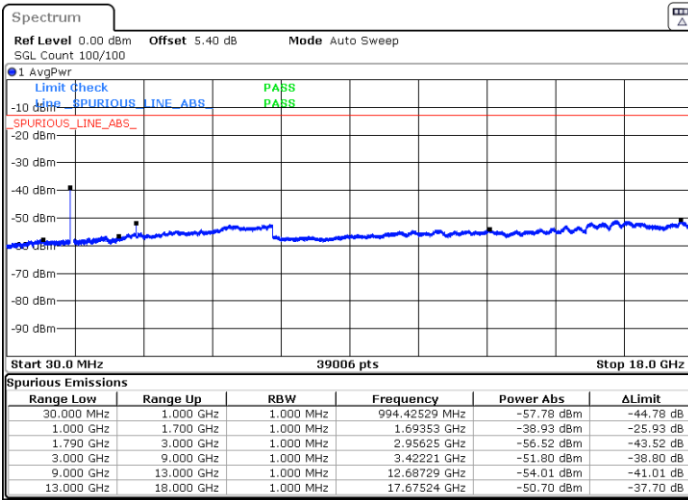




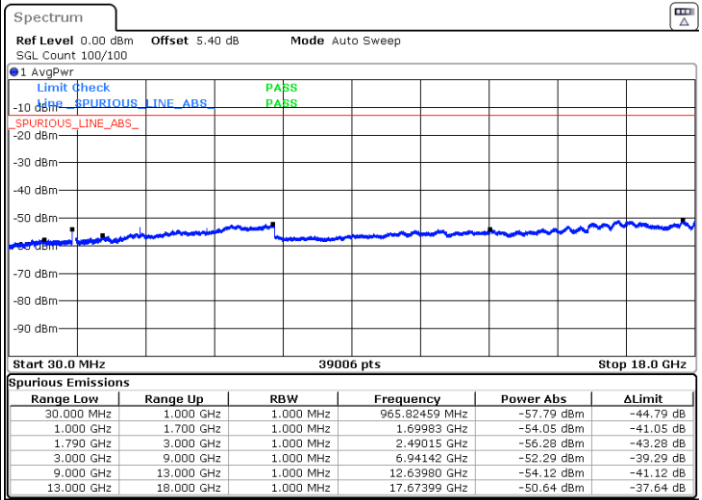
LTE Band 66 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

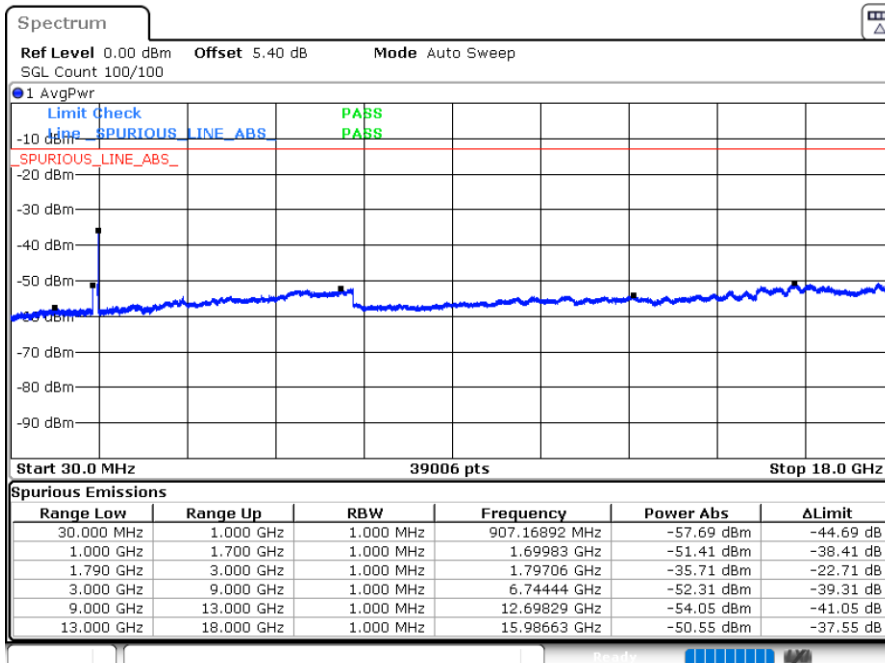


Date: 5.APR.2023 02:18:02



Date: 5.APR.2023 02:24:02

Highest Channel / QPSK



Date: 5.APR.2023 02:26:02



### Frequency Stability

Test Conditions		LTE Band 66 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0021	PASS
40	Normal Voltage	0.0006	
30	Normal Voltage	0.0019	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0037	
0	Normal Voltage	0.0043	
-10	Normal Voltage	0.0025	
-20	Normal Voltage	0.0012	
-30	Normal Voltage	0.0017	
20	Maximum Voltage	0.0026	
20	Normal Voltage	0.0008	
20	Battery End Point	0.0024	

**Note:**

1. Normal Voltage =3.91 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.5 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



## Appendix B. Test Results of Radiated Test

### Radiated Spurious Emission

Test Engineer :	ShunPingYou	Temperature :	22~25°C
		Relative Humidity :	48~52%

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)
Middle	3742.18	-58.09	-13	-45.09	-76.18	-64.84	5.85	12.60	H
	5613.27	-59.08	-13	-46.08	-81.19	-64.88	7.30	13.10	H
	7484.36	-53.00	-13	-40.00	-80.43	-56.15	8.35	11.50	H
	3742.18	-55.93	-13	-42.93	-73.94	-62.68	5.85	12.60	V
	5613.27	-57.75	-13	-44.75	-80.05	-63.55	7.30	13.10	V
	7484.36	-52.90	-13	-39.90	-80.32	-56.05	8.35	11.50	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)
Middle	5052.18	-59.20	-25	-34.20	-81.27	-64.76	7.14	12.70	H
	7578.27	-54.40	-25	-29.40	-81.58	-57.70	8.30	11.60	H
	10104.36	-50.05	-25	-25.05	-81.96	-51.57	10.48	12.00	H
	5052.18	-59.54	-25	-34.54	-81.73	-65.10	7.14	12.70	V
	7578.27	-54.53	-25	-29.53	-81.67	-57.83	8.30	11.60	V
	10104.36	-51.51	-25	-26.51	-82.02	-53.03	10.48	12.00	V

LTE Band 13 / 5MHz / 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)
Middle	1559.5	-66.05	-42.15	-23.90	-60.33	-75.61	4.00	9.40	H
	2339.25	-62.87	-13	-49.87	-76.32	-77.60	4.88	10.60	H
	3119	-61.11	-13	-48.11	-77.11	-77.62	5.52	12.60	H
	1559.5	-65.84	-42.15	-23.69	-58.87	-75.48	4.00	9.40	V
	2339.25	-62.85	-13	-49.85	-76.28	-77.58	4.88	10.60	V
	3119	-61.15	-13	-48.15	-76.75	-77.70	5.52	12.60	V



LTE Band 13 / 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)
Middle	1559.5	-65.07	-42.15	-22.92	-74.63	-68.32	4.00	9.40	H
	2339.25	-62.80	-13	-49.80	-77.53	-66.37	4.88	10.60	H
	3119	-61.21	-13	-48.21	-77.72	-66.14	5.52	12.60	H
	1559.5	-65.33	-42.15	-23.18	-74.97	-68.58	4.00	9.40	V
	2339.25	-63.00	-13	-50.00	-77.73	-66.57	4.88	10.60	V
	3119	-61.32	-13	-48.32	-77.87	-66.25	5.52	12.60	V

LTE Band 26 / 15MHz / 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)
Middle	1659.5	-65.62	-13	-52.62	-75.14	-68.87	4.00	9.40	H
	2489.25	-62.99	-13	-49.99	-77.54	-66.56	4.88	10.60	H
	3319	-62.25	-13	-49.25	-78.07	-67.18	5.52	12.60	H
	1659.5	-65.86	-13	-52.86	-74.98	-69.11	4.00	9.40	V
	2489.25	-62.97	-13	-49.97	-77.48	-66.54	4.88	10.60	V
	3319	-62.58	-13	-49.58	-78.18	-67.51	5.52	12.60	V

LTE Band 38 / 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)
Middle	5172.00	-59.64	-25	-34.64	-81.43	-65.20	7.14	12.70	H
	7758.00	-53.60	-25	-28.60	-81.02	-56.90	8.30	11.60	H
	10344.00	-49.65	-25	-24.65	-81.51	-51.17	10.48	12.00	H
	5172.00	-58.85	-25	-33.85	-80.91	-64.41	7.14	12.70	V
	7758.00	-54.07	-25	-29.07	-81.33	-57.37	8.30	11.60	V
	10344.00	-50.75	-25	-25.75	-81.74	-52.27	10.48	12.00	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)
Middle	3472	-62.03	-13	-49.03	-78.51	-68.88	5.65	12.50	H
	5208	-58.47	-13	-45.47	-80.13	-64.14	7.13	12.80	H
	6944	-54.38	-13	-41.38	-80.54	-57.78	8.40	11.80	H
	3472	-61.75	-13	-48.75	-78.25	-68.60	5.65	12.50	V
	5208	-59.66	-13	-46.66	-81.57	-65.33	7.13	12.80	V
	6944	-54.24	-13	-41.24	-80.87	-57.64	8.40	11.80	V

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