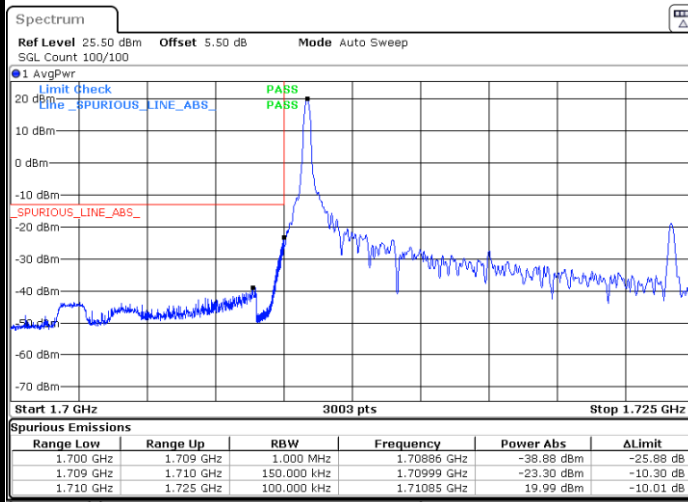


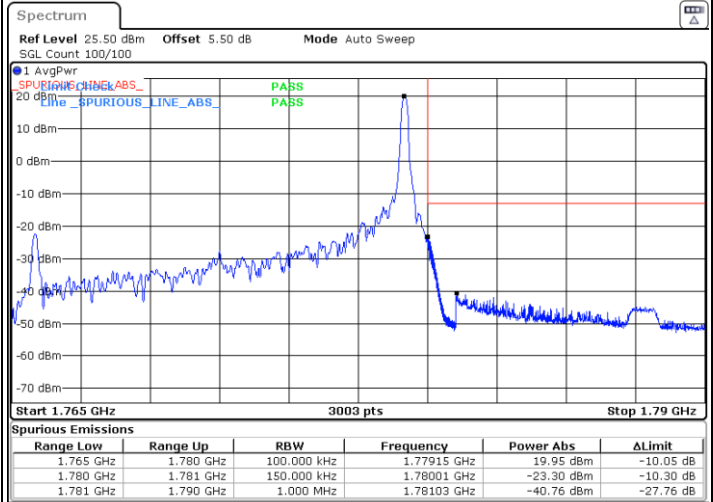


LTE Band 66 / 15MHz / QPSK

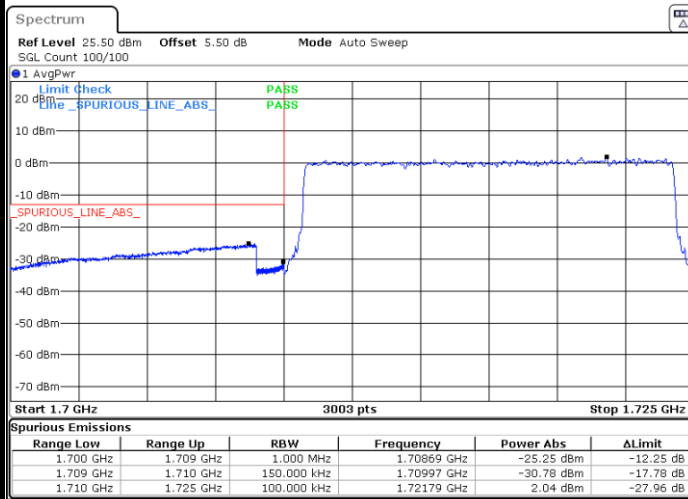
Lowest Band Edge / 1 RB



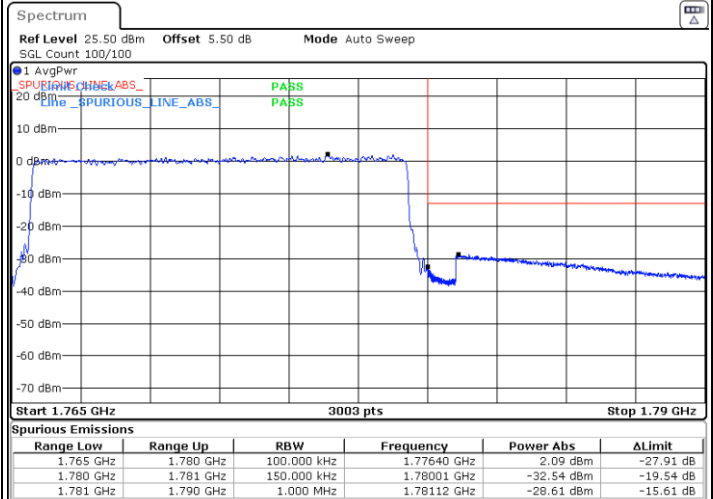
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



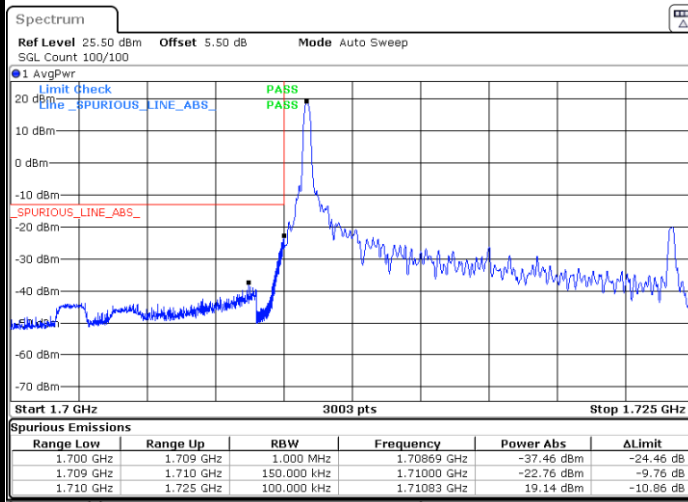
Highest Band Edge / Full RB



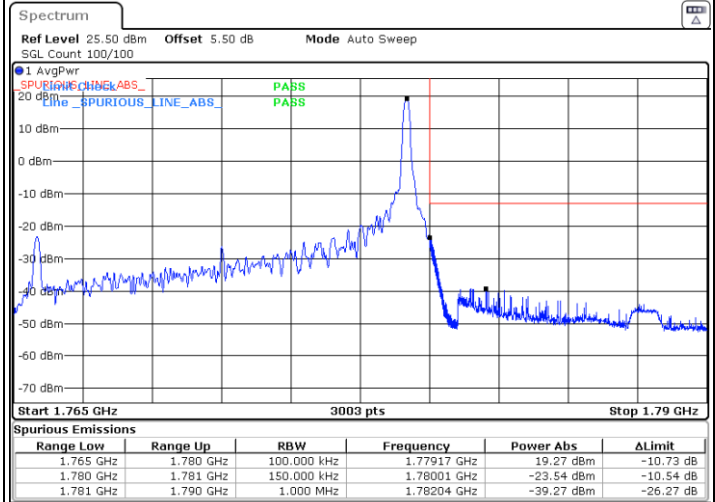


LTE Band 66 / 15MHz / 16QAM

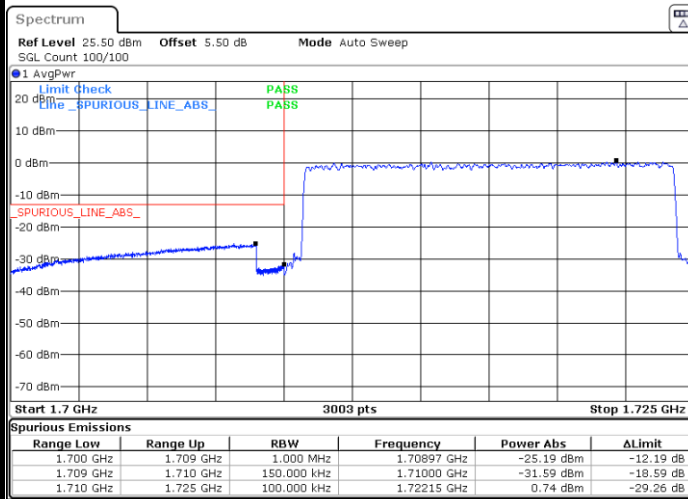
Lowest Band Edge / 1 RB



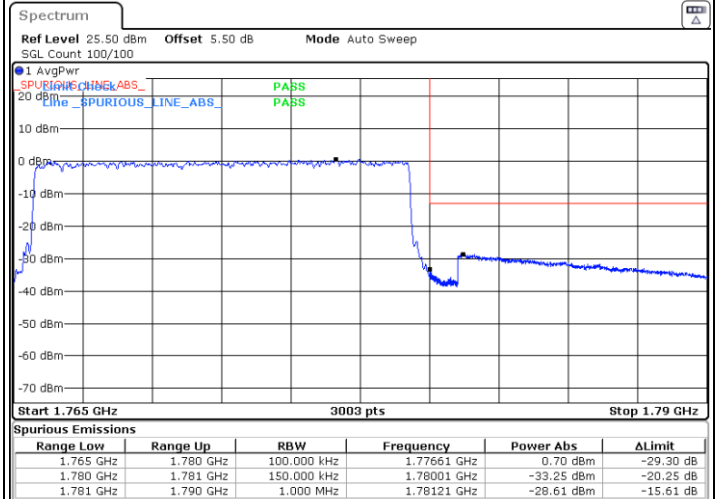
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



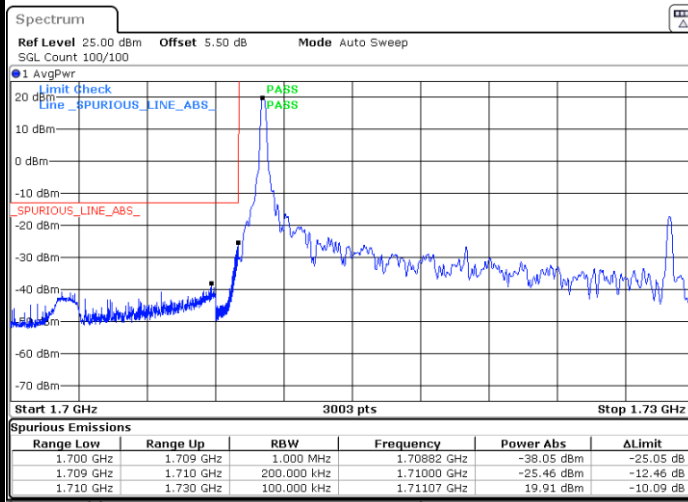
Highest Band Edge / Full RB



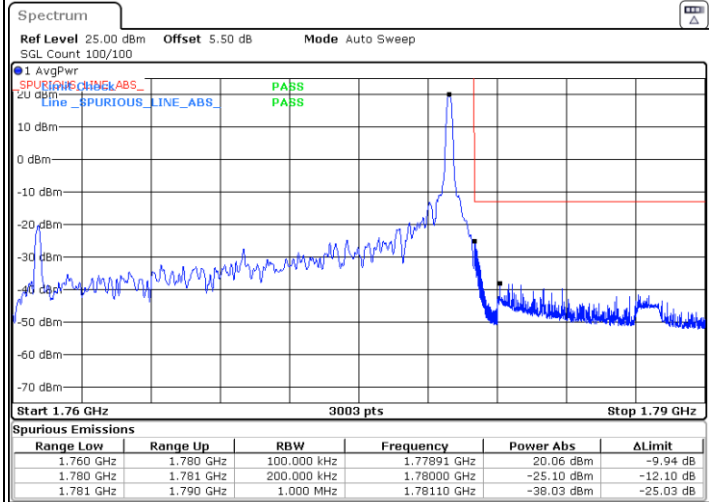


LTE Band 66 / 20MHz / QPSK

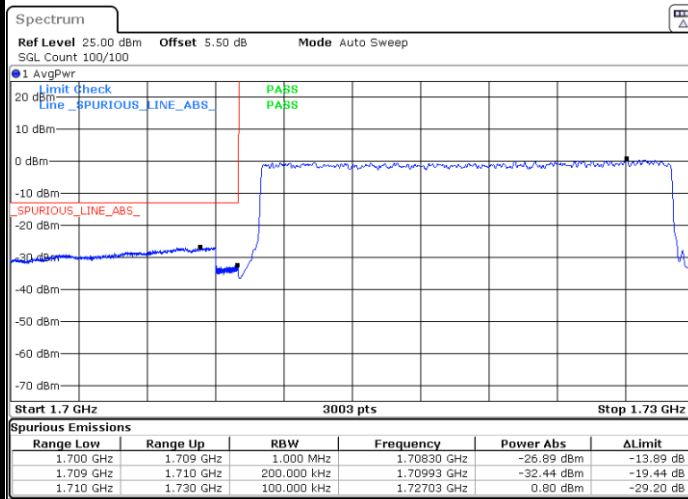
Lowest Band Edge / 1 RB



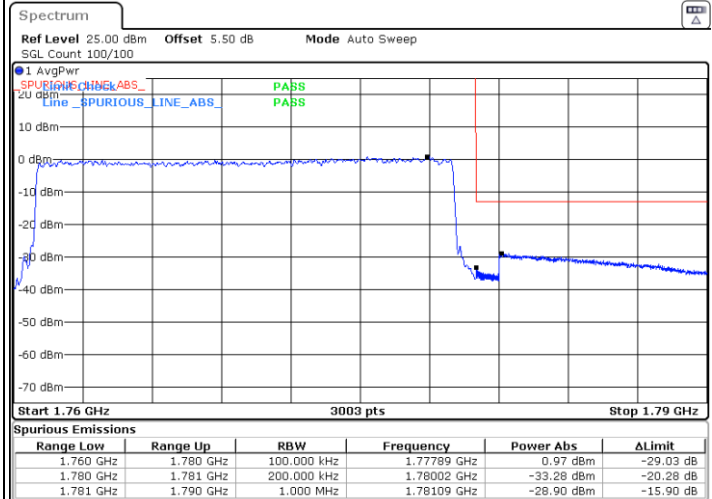
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



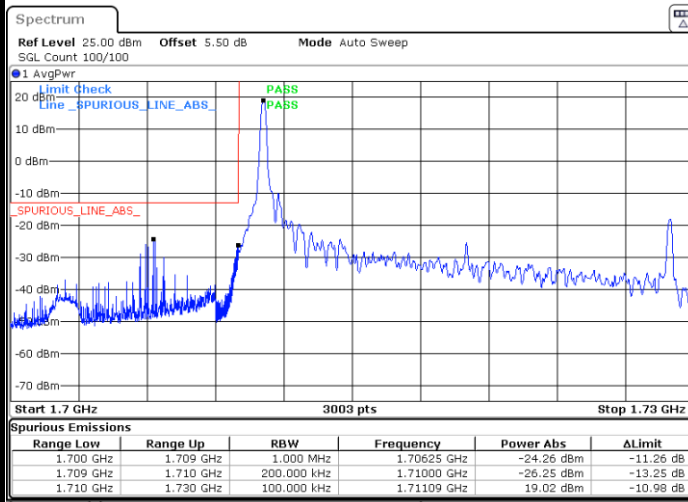
Highest Band Edge / Full RB



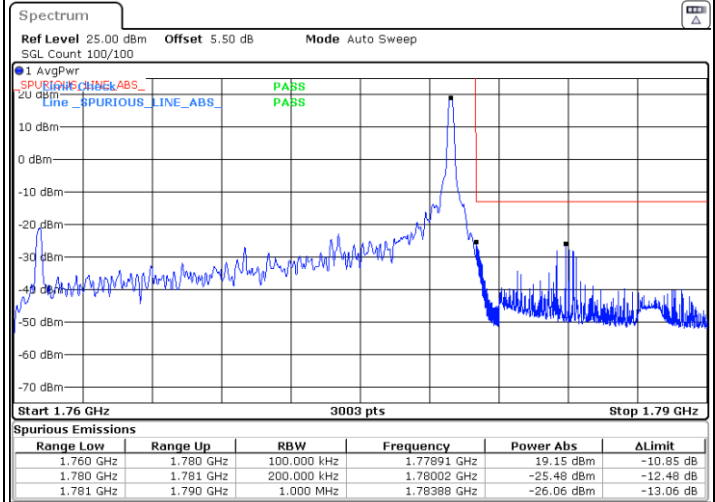


LTE Band 66 / 20MHz / 16QAM

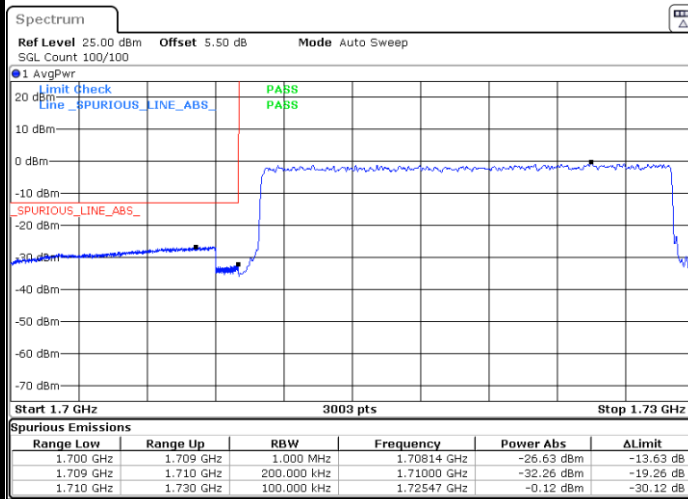
Lowest Band Edge / 1 RB



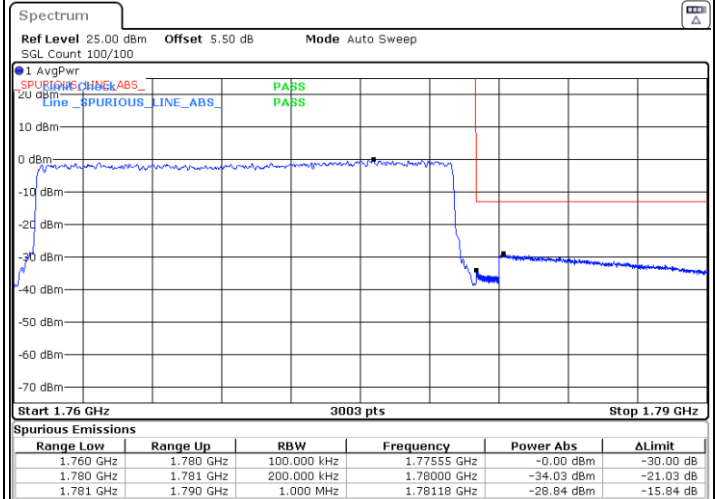
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

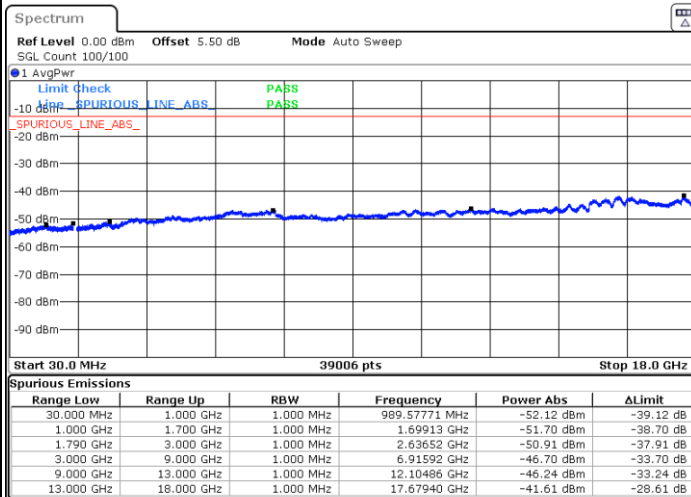




Conducted Spurious Emission

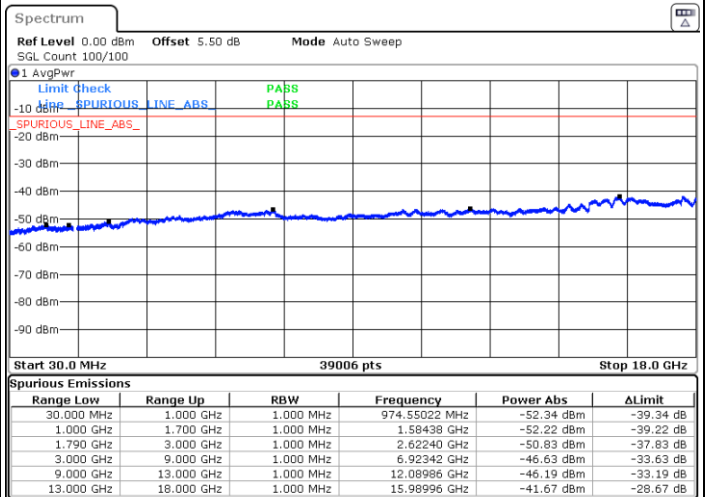
LTE Band 66 / 1.4MHz

Lowest Channel / QPSK



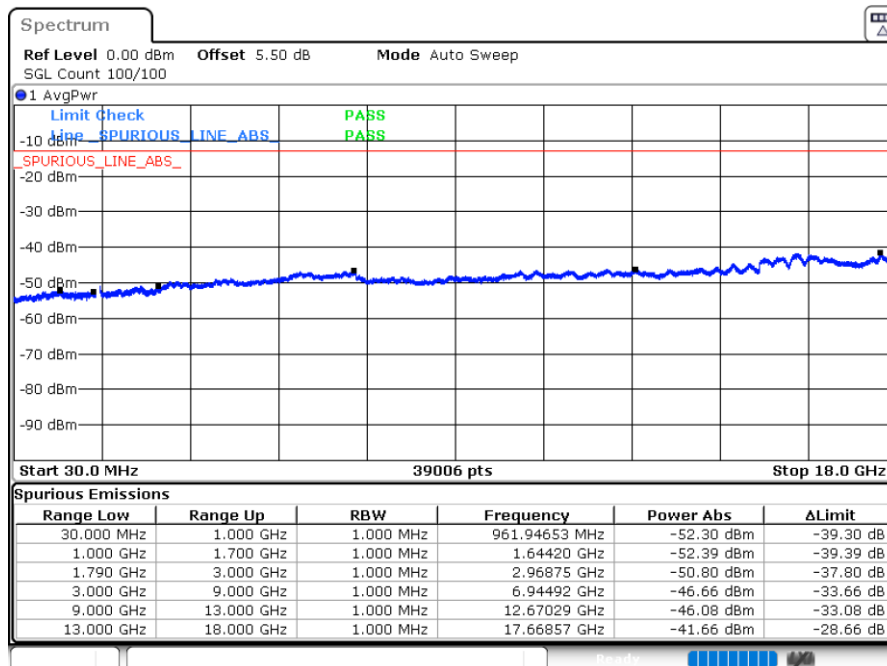
Date: 26.SEP.2023 23:05:04

Middle Channel / QPSK



Date: 26.SEP.2023 23:06:24

Highest Channel / QPSK

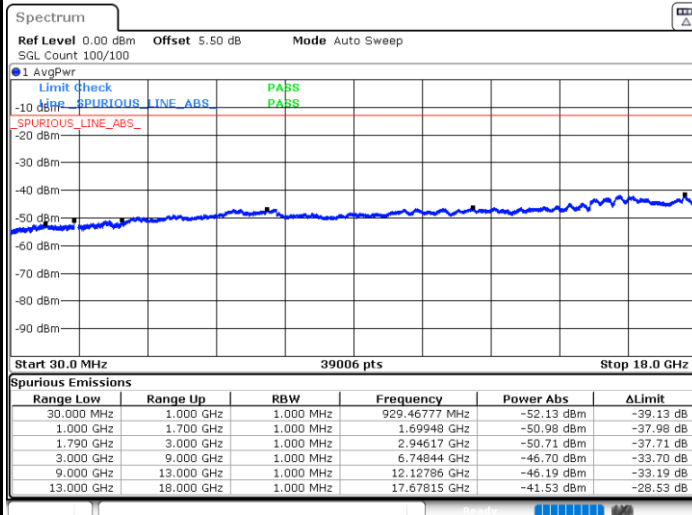


Date: 26.SEP.2023 23:07:44

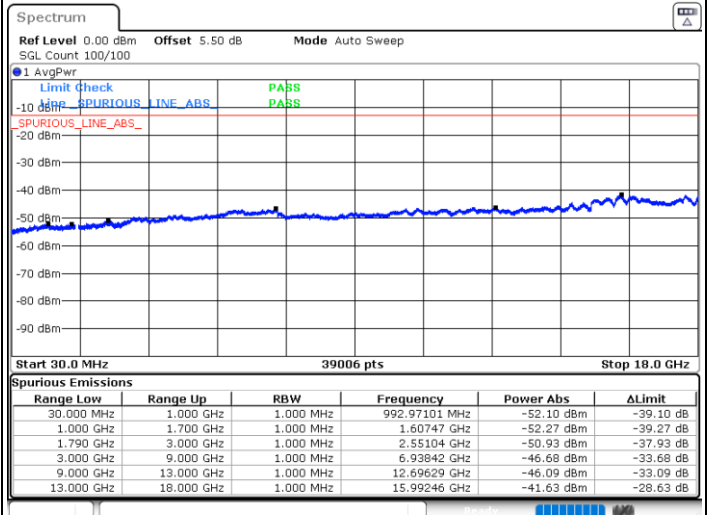


LTE Band 66 / 3MHz

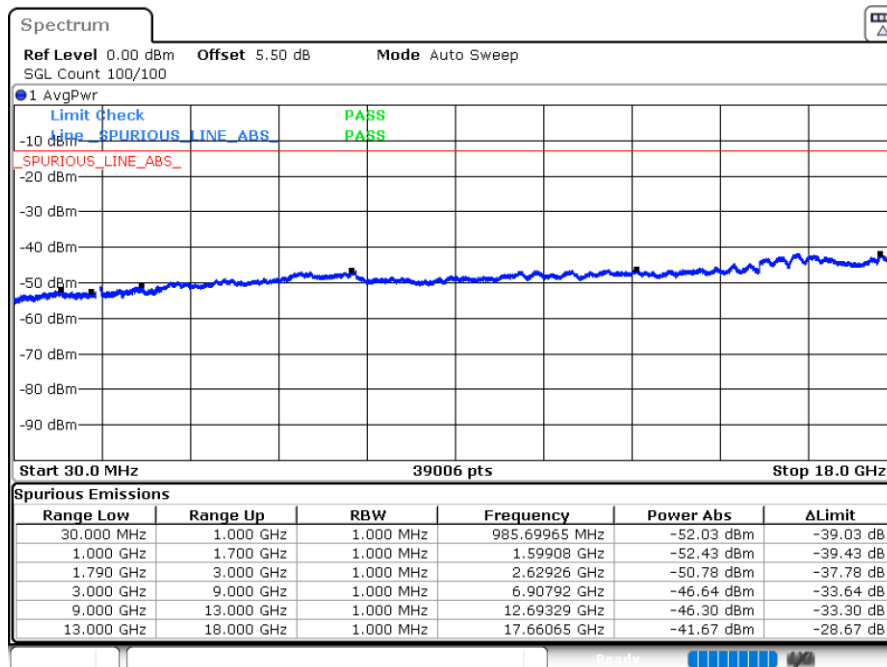
Lowest Channel / QPSK



Middle Channel / QPSK



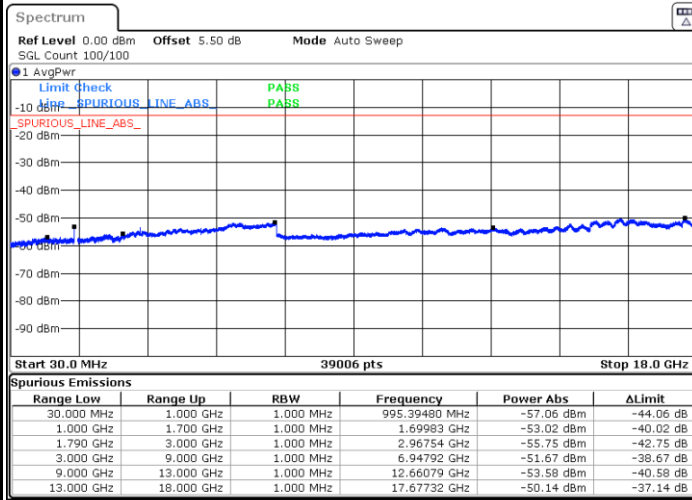
Highest Channel / QPSK





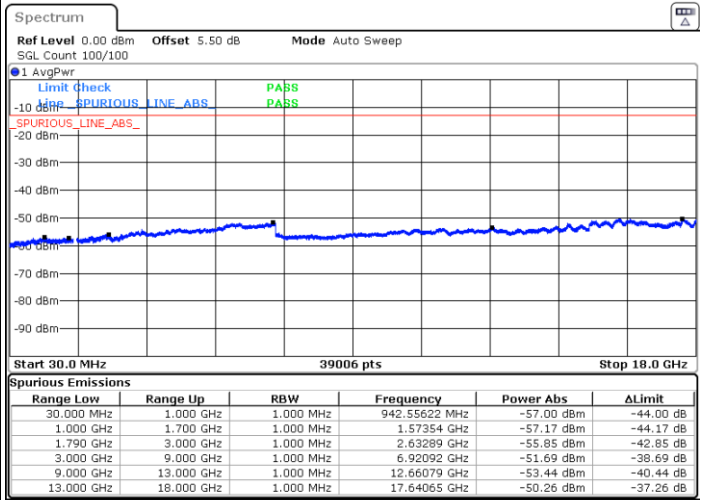
LTE Band 66 / 5MHz

Lowest Channel / QPSK



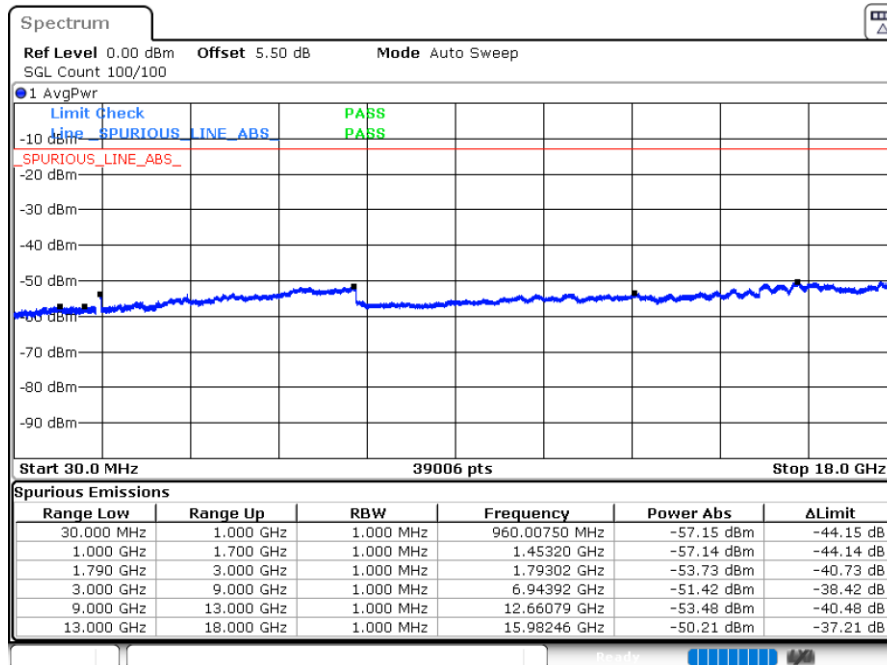
Date: 26.SEP.2023 23:13:05

Middle Channel / QPSK



Date: 26.SEP.2023 23:14:26

Highest Channel / QPSK

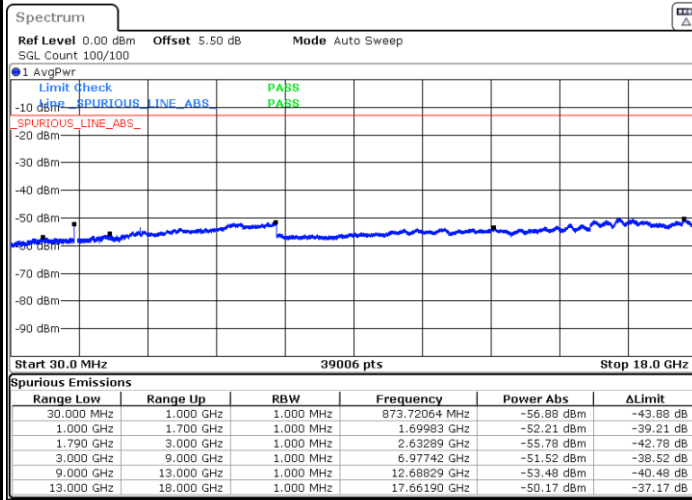


Date: 26.SEP.2023 23:15:46



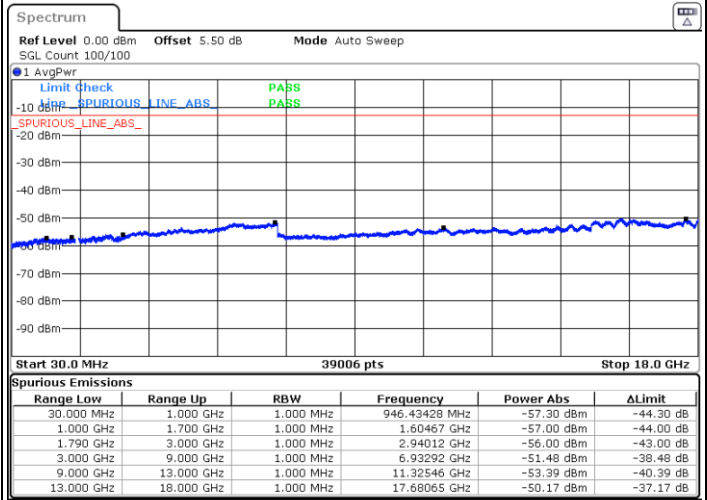
LTE Band 66 / 10MHz

Lowest Channel / QPSK



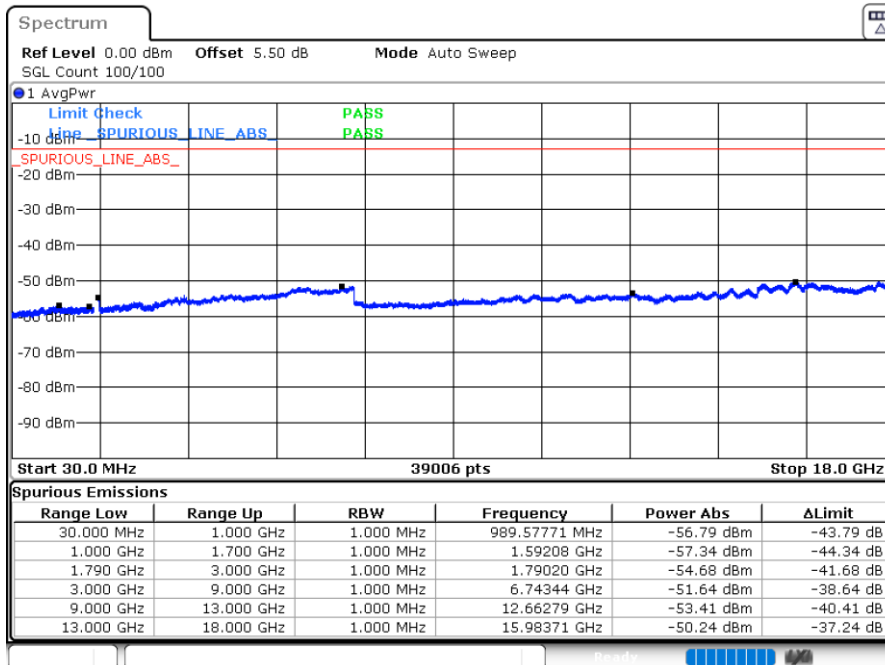
Date: 26.SEP.2023 23:17:06

Middle Channel / QPSK



Date: 26.SEP.2023 23:18:26

Highest Channel / QPSK

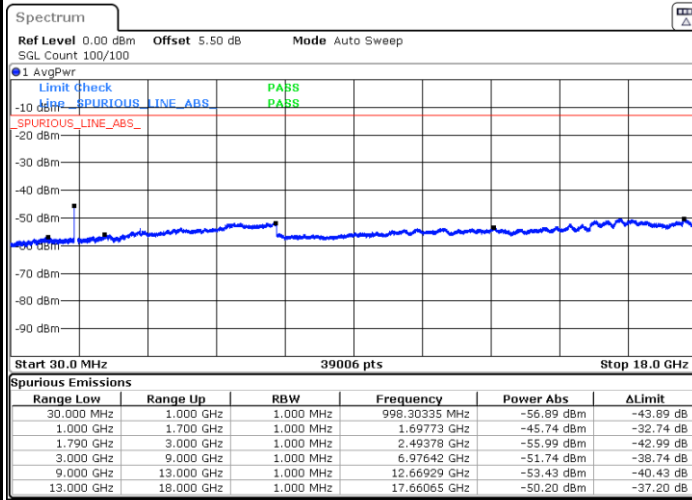


Date: 26.SEP.2023 23:19:46



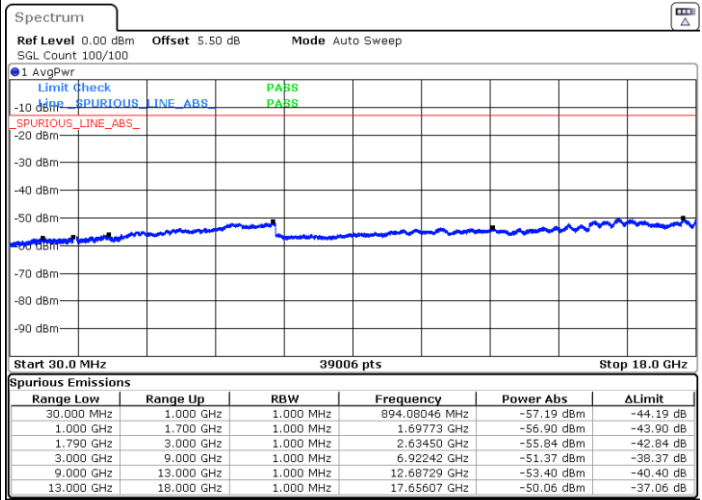
LTE Band 66 / 15MHz

Lowest Channel / QPSK



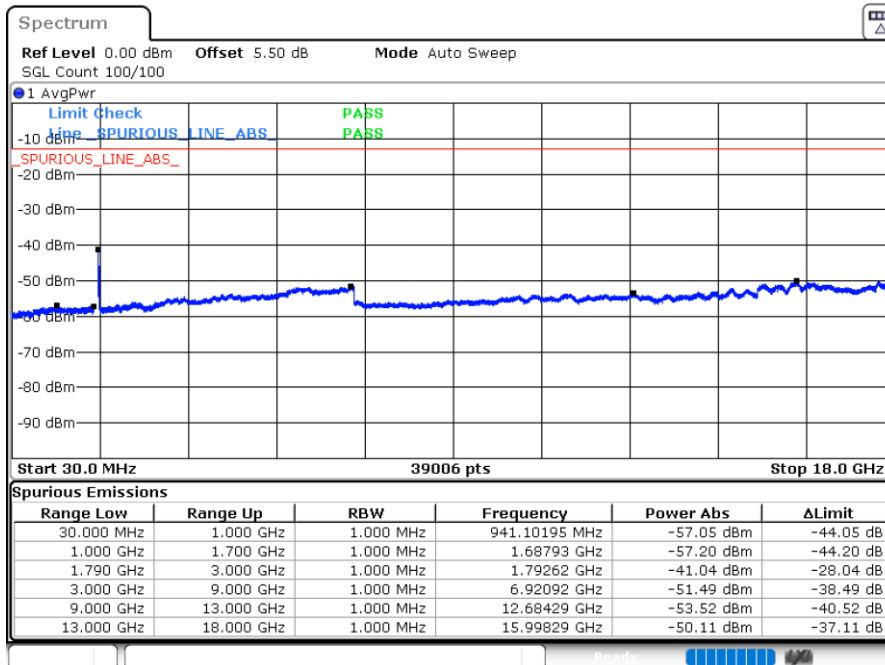
Date: 26.SEP.2023 23:21:06

Middle Channel / QPSK



Date: 26.SEP.2023 23:22:26

Highest Channel / QPSK

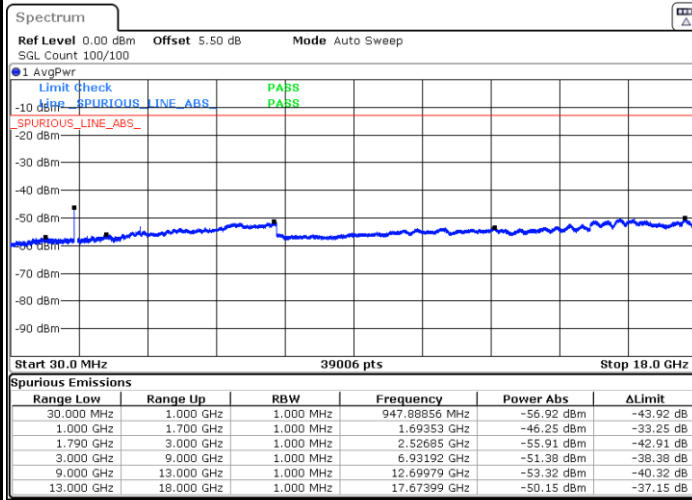


Date: 26.SEP.2023 23:23:46



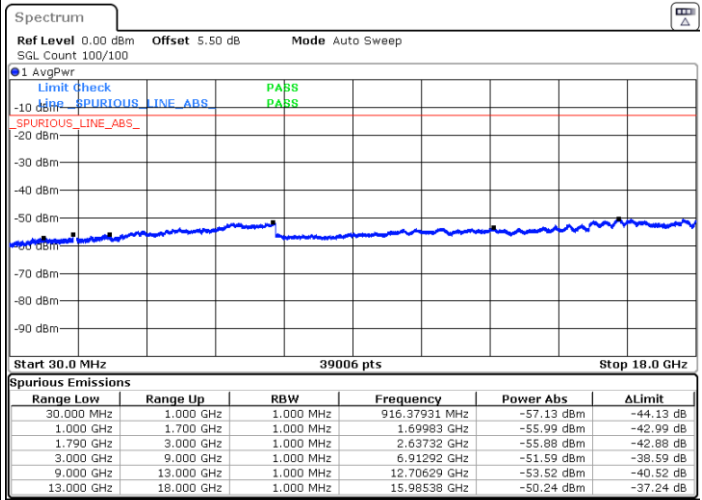
LTE Band 66 / 20MHz

Lowest Channel / QPSK



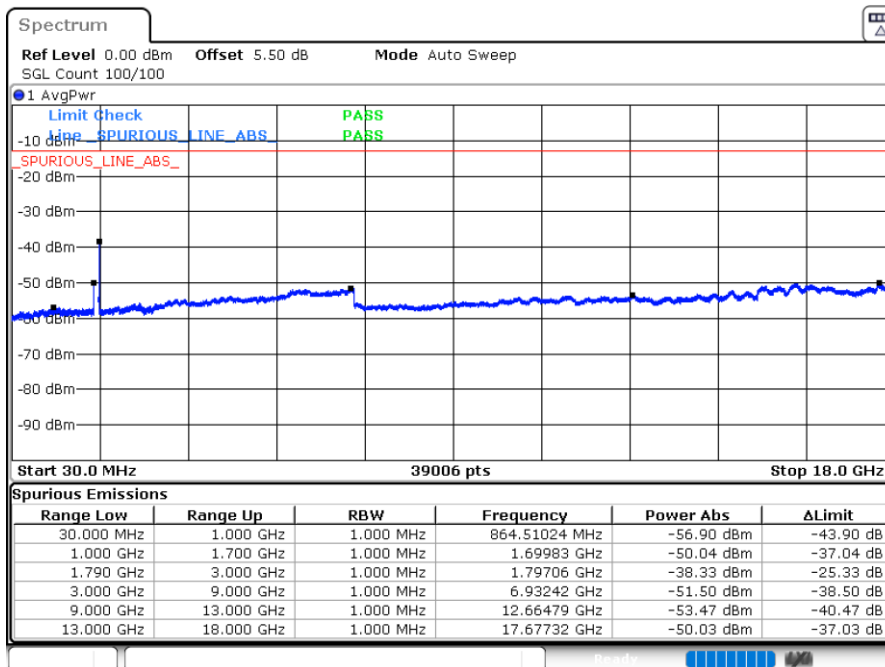
Date: 26.SEP.2023 23:25:06

Middle Channel / QPSK



Date: 26.SEP.2023 23:26:26

Highest Channel / QPSK



Date: 26.SEP.2023 23:27:47

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	0.0035	PASS
40	Normal Voltage	0.0017	
30	Normal Voltage	0.0023	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0016	
0	Normal Voltage	0.0022	
-10	Normal Voltage	0.0012	
-20	Normal Voltage	0.0038	
-30	Normal Voltage	0.0025	
20	Maximum Voltage	0.0031	
20	Normal Voltage	0.0015	
20	Battery End Point	0.0026	

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

LTE Band 2 / 20MHz / QPSK								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3742	-57.97	-13	-44.97	-70.23	2.64	14.90	H
	5613	-56.01	-13	-43.01	-67.87	2.94	14.80	H
	7484	-52.52	-13	-39.52	-62.29	3.39	13.16	H
	3742	-57.75	-13	-44.75	-70.01	2.64	14.90	V
	5613	-56.48	-13	-43.48	-68.34	2.94	14.80	V
	7484	-52.53	-13	-39.53	-62.30	3.39	13.16	V

LTE Band 7 / 20MHz / QPSK								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5050	-63.11	-25	-38.11	-73.32	3.03	13.24	H
	7584	-62.37	-25	-37.37	-71.82	3.56	13.01	H
	10104	-62.07	-25	-37.07	-71.59	3.92	13.44	H
	5050	-63.44	-25	-38.44	-73.65	3.03	13.24	V
	7584	-62.65	-25	-37.65	-72.10	3.56	13.01	V
	10104	-61.95	-25	-36.95	-71.47	3.92	13.44	V
	12624	-56.45	-25	-31.45	-65.49	4.39	13.43	V

LTE Band 13 / 5MHz / QPSK								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1560	-56.13	-42.15	-13.98	-58.76	1.09	5.87	H
	2336	-59.53	-13	-46.53	-61.93	1.37	5.92	H
	3119	-58.31	-13	-45.31	-62.20	1.64	7.68	H
	1560	-58.45	-42.15	-16.30	-61.08	1.09	5.87	V
	2336	-58.20	-13	-45.20	-60.60	1.37	5.92	V
	3119	-58.33	-13	-45.33	-62.22	1.64	7.68	V



LTE Band 13 / 10MHz / QPSK								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1555	-54.58	-13	-41.58	-57.21	1.09	5.87	H
	2332	-60.68	-13	-47.68	-63.08	1.37	5.92	H
	3110	-59.24	-13	-46.24	-63.13	1.64	7.68	H
	1555	-60.29	-13	-47.29	-62.92	1.09	5.87	V
	2332	-58.68	-13	-45.68	-61.08	1.37	5.92	V
	3110	-58.92	-13	-45.92	-62.81	1.64	7.68	V

LTE Band 26 / 15MHz / QPSK								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1648	-49.94	-13	-36.94	-56.91	1.58	10.70	H
	2472	-59.79	-13	-46.79	-68.04	2.10	12.50	H
	3296	-59.32	-13	-46.32	-68.21	2.86	13.90	H
	1648	-56.42	-13	-43.42	-63.39	1.58	10.70	V
	2472	-57.96	-13	-44.96	-66.21	2.10	12.50	V
	3296	-59.46	-13	-46.46	-68.35	2.86	13.90	V

LTE Band 38 / 20MHz / QPSK								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5176	-63.22	-25	-38.22	-73.43	3.03	13.24	H
	7766	-63.23	-25	-38.23	-72.68	3.56	13.01	H
	10384	-60.89	-25	-35.89	-70.41	3.92	13.44	H
	5176	-63.09	-25	-38.09	-73.30	3.03	13.24	V
	7766	-63.16	-25	-38.16	-72.61	3.56	13.01	V
	10384	-61.02	-25	-36.02	-70.54	3.92	13.44	V

LTE Band 66 / 20MHz / QPSK								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3492	-58.92	-13	-45.92	-69.66	2.604	13.34	H
	5238	-56.47	-13	-43.47	-66.98	3.011	13.52	H
	6984	-54.59	-13	-41.59	-64.79	3.271	13.47	H
	3492	-59.20	-13	-46.20	-69.94	2.604	13.34	V
	5238	-55.97	-13	-42.97	-66.48	3.011	13.52	V
	6984	-54.67	-13	-41.67	-64.87	3.271	13.47	V

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