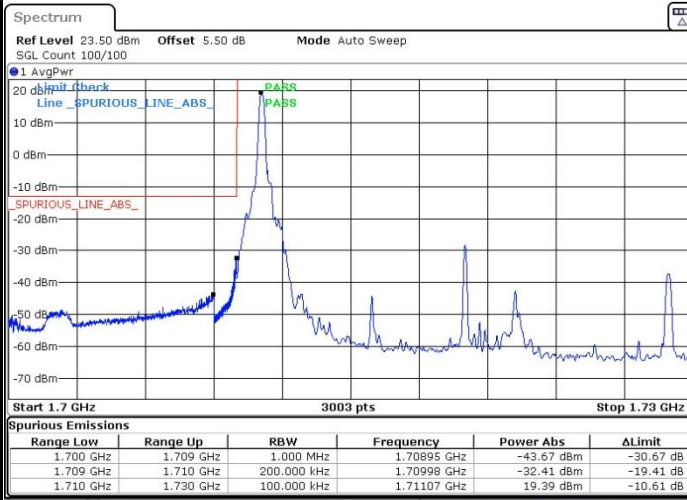




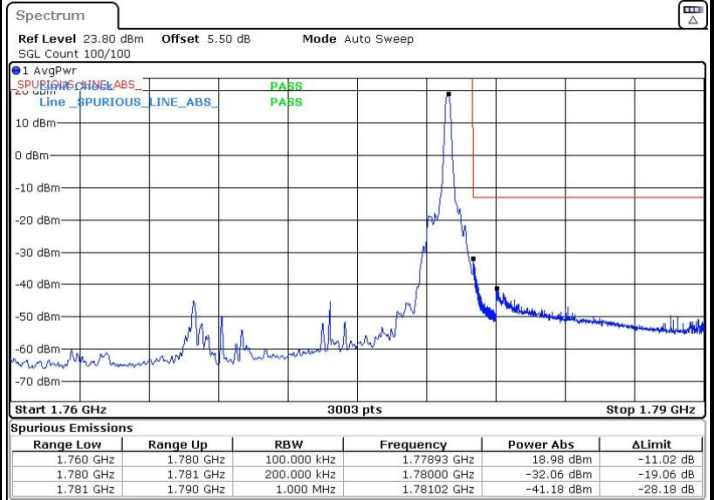
LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



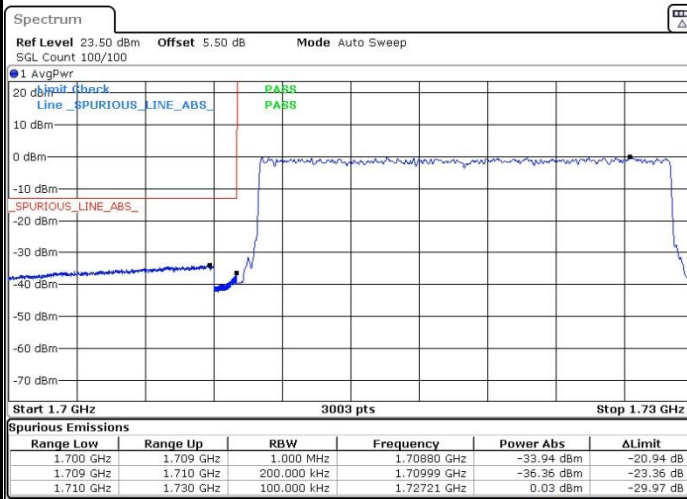
Date: 4.FEB.2022 04:10:46

Highest Band Edge / 1 RB



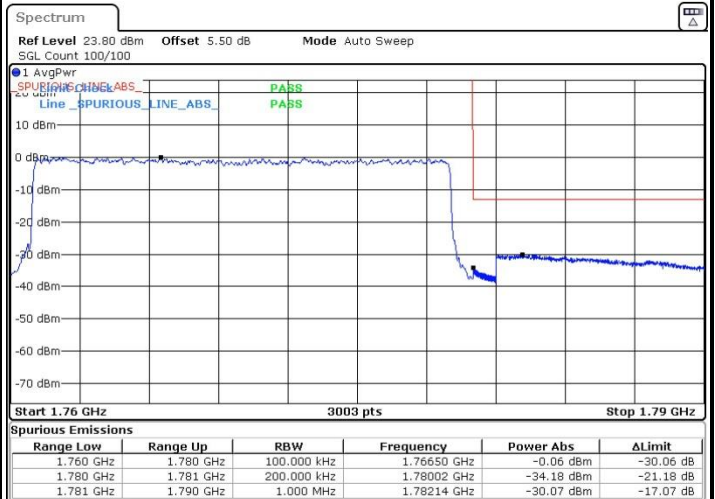
Date: 4.FEB.2022 04:17:56

Lowest Band Edge / Full RB



Date: 4.FEB.2022 04:13:00

Highest Band Edge / Full RB

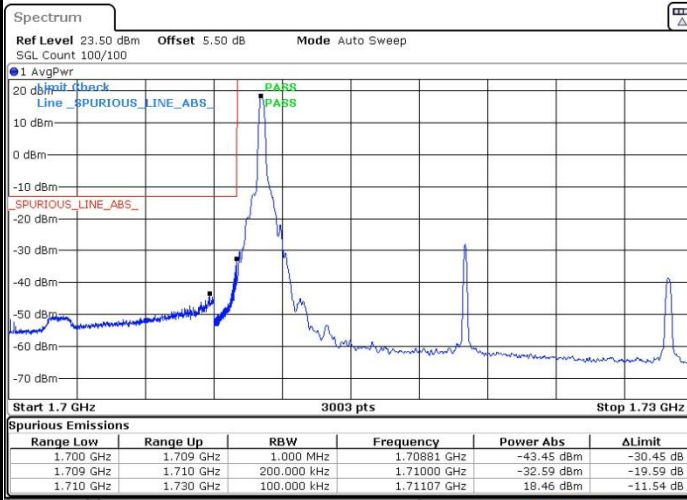


Date: 4.FEB.2022 04:21:29



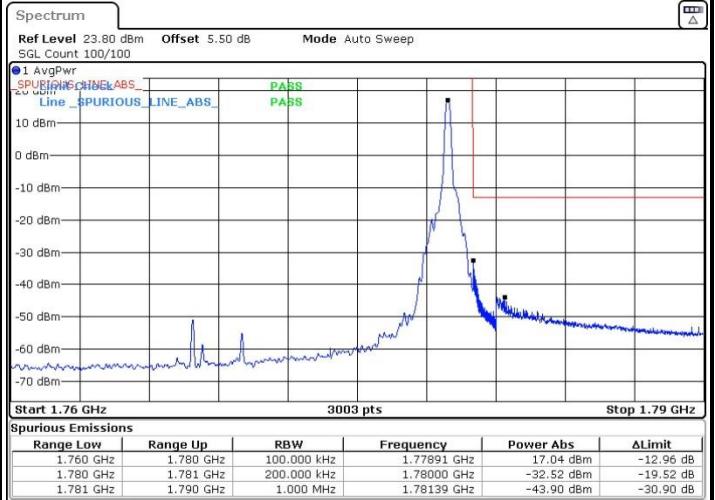
LTE Band 66 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



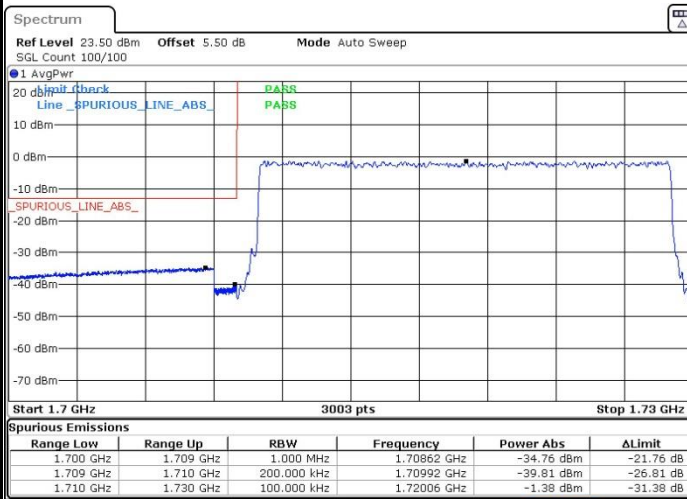
Date: 4.FEB.2022 04:11:20

Highest Band Edge / 1 RB



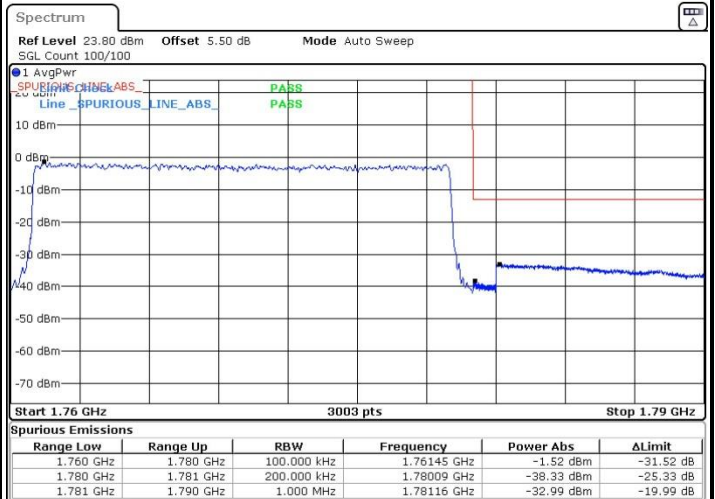
Date: 4.FEB.2022 04:19:13

Lowest Band Edge / Full RB



Date: 4.FEB.2022 04:11:50

Highest Band Edge / Full RB

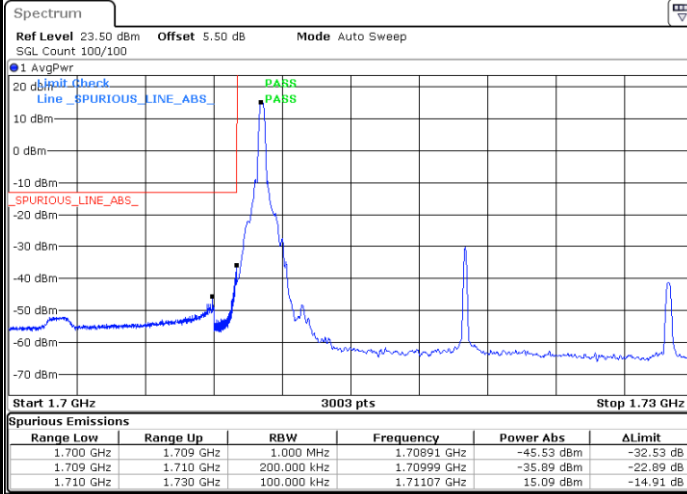


Date: 4.FEB.2022 04:20:19



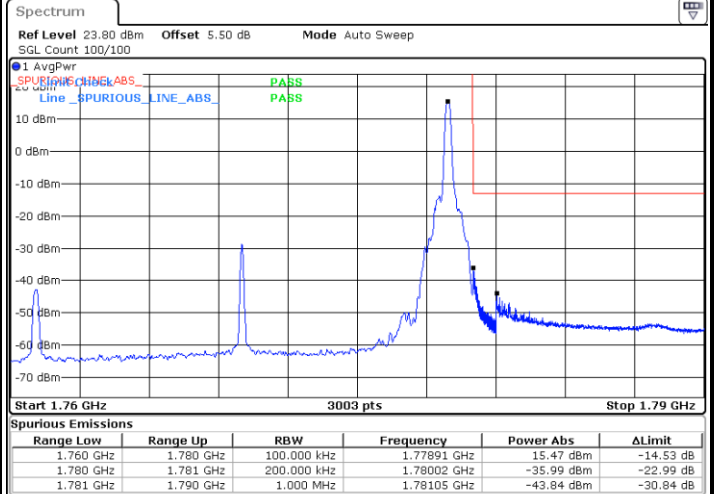
LTE Band 66 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



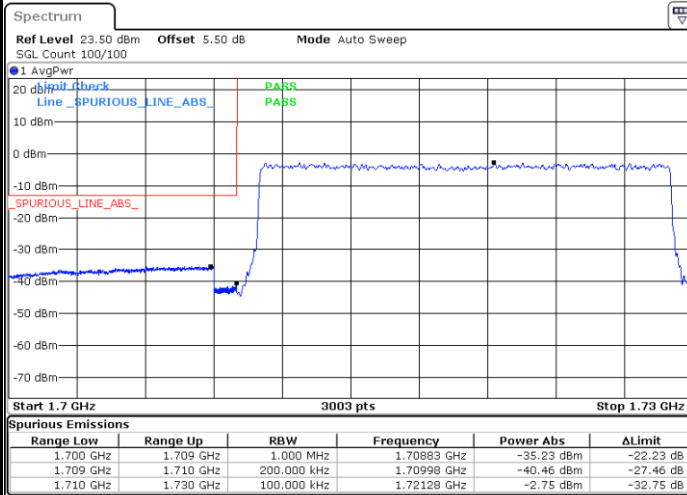
Date: 1.MAR.2022 21:09:18

Highest Band Edge / 1 RB



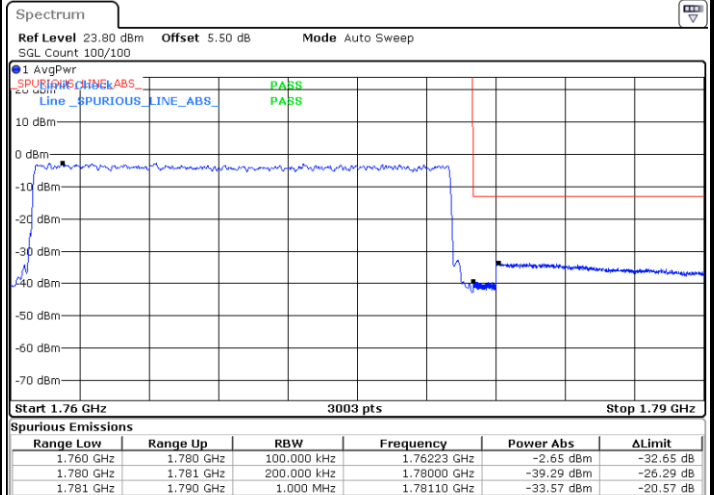
Date: 1.MAR.2022 21:11:22

Lowest Band Edge / Full RB



Date: 1.MAR.2022 21:10:00

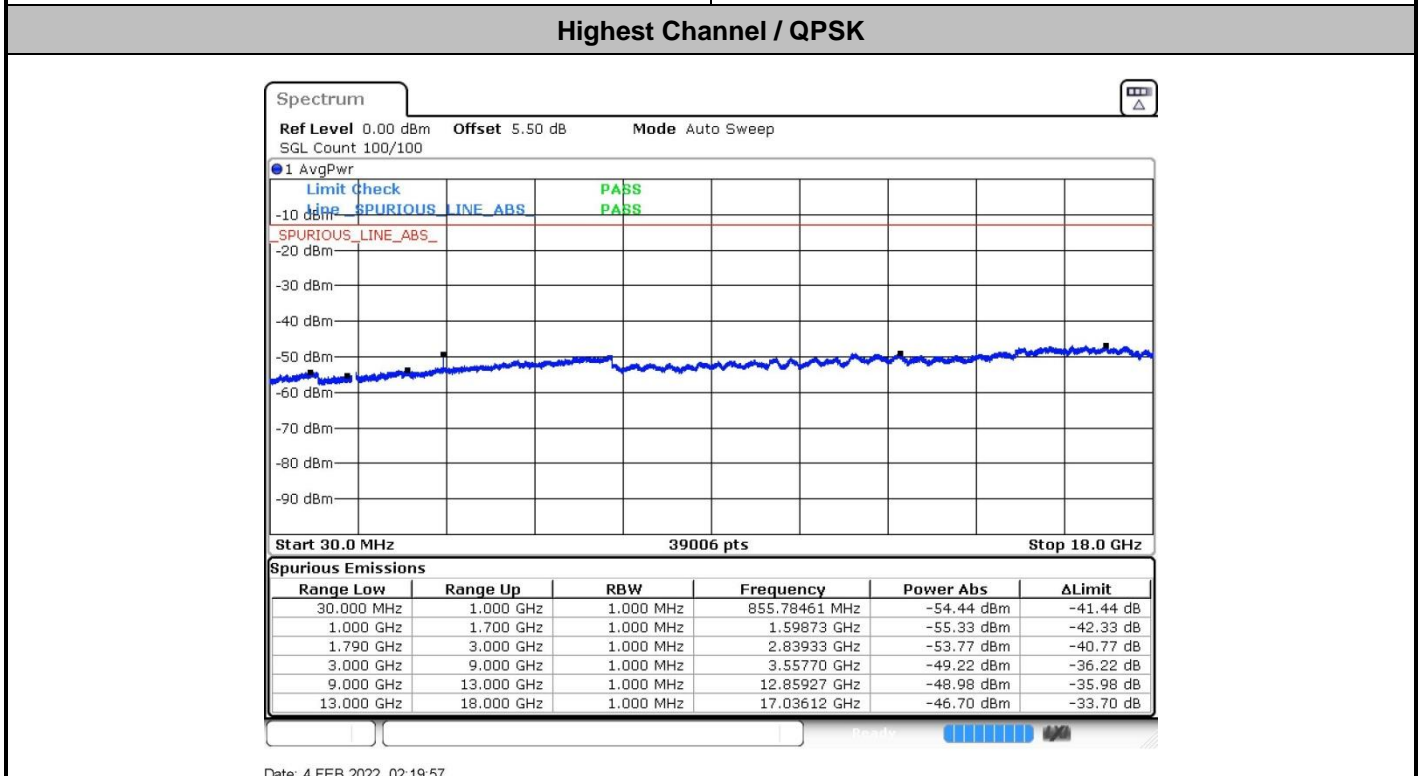
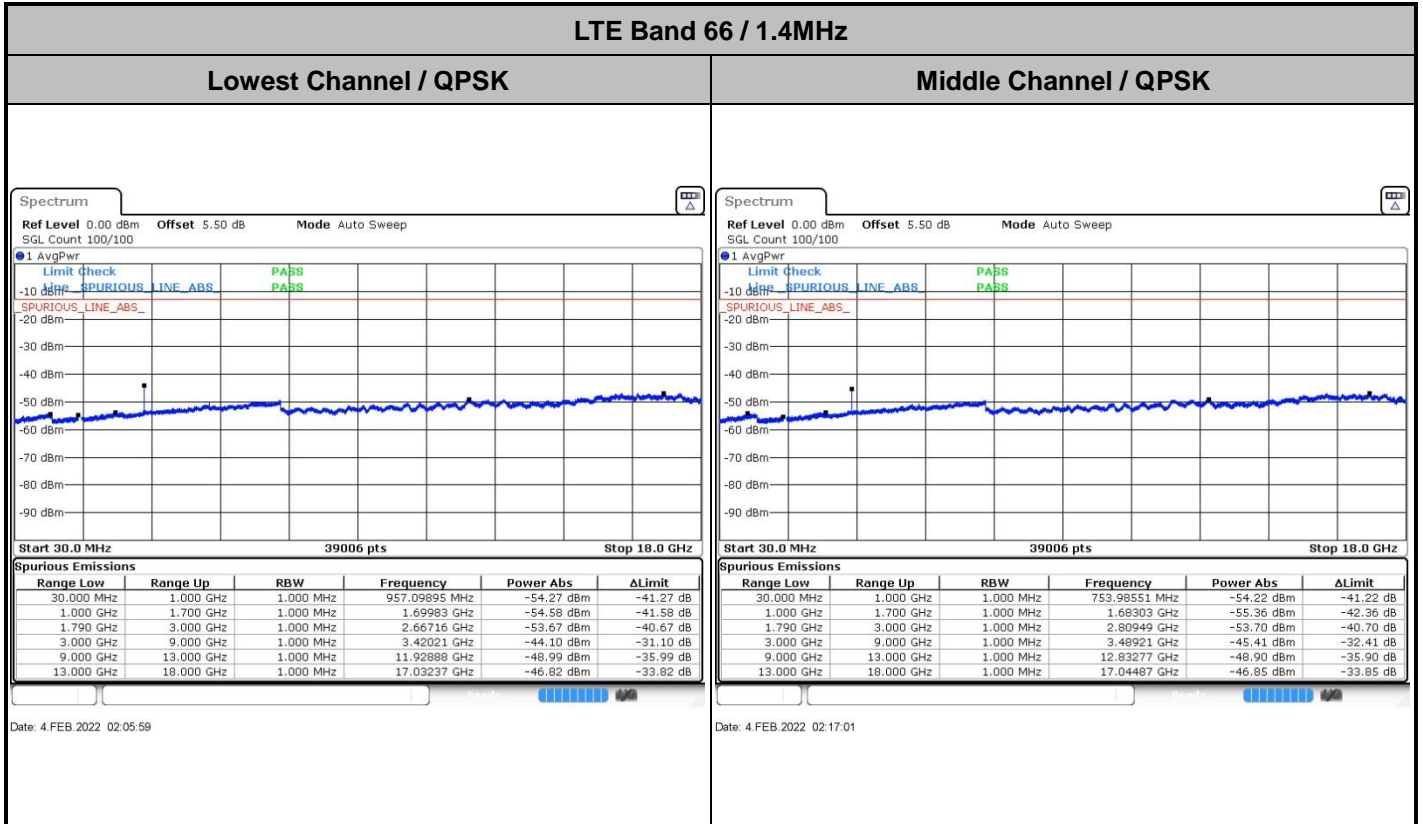
Highest Band Edge / Full RB



Date: 1.MAR.2022 21:10:33



Conducted Spurious Emission

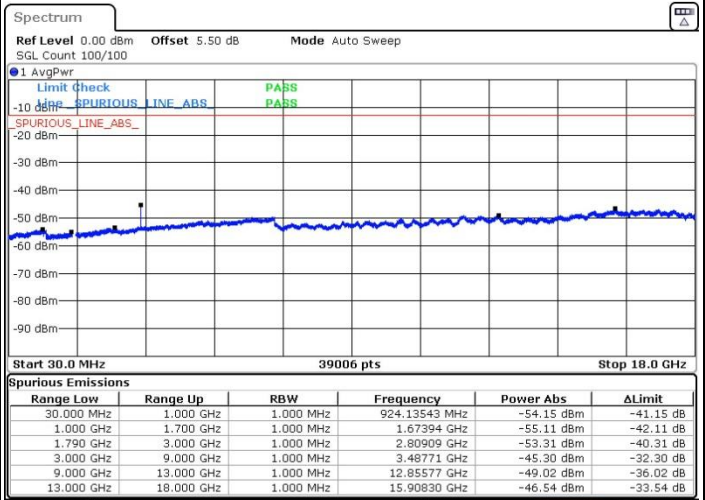
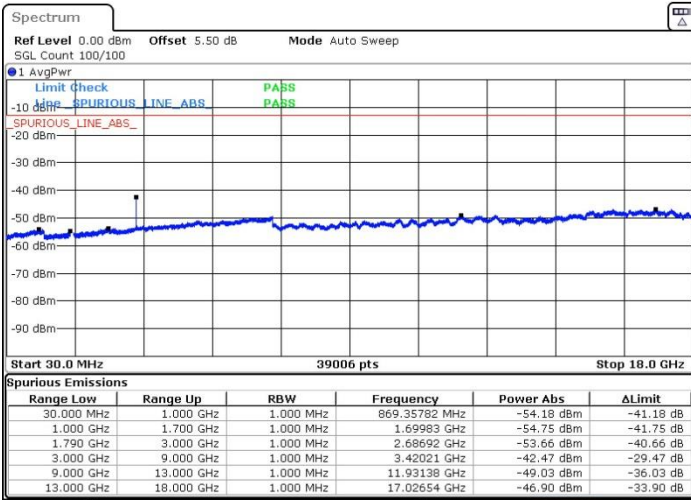




LTE Band 66 / 3MHz

Lowest Channel / QPSK

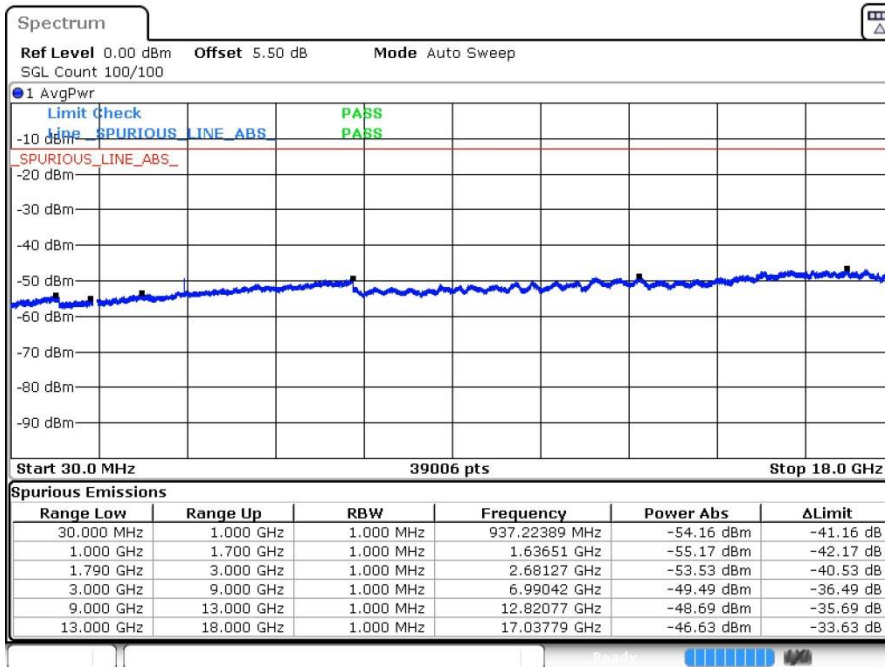
Middle Channel / QPSK



Date: 4 FEB 2022 02:34:36

Date: 4 FEB 2022 02:44:03

Highest Channel / QPSK



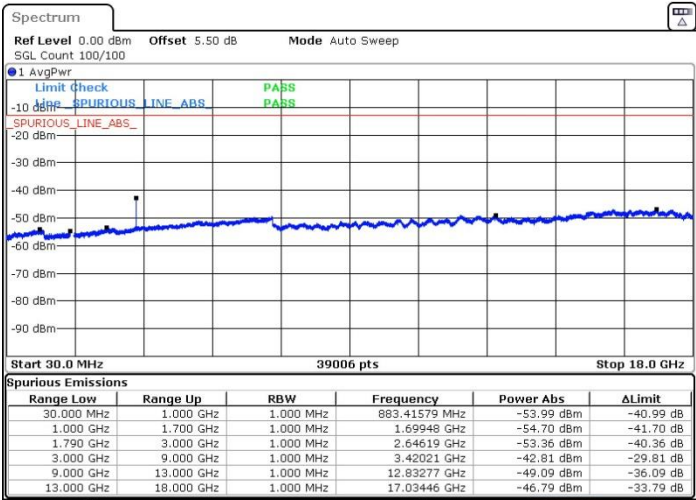
Date: 4 FEB 2022 02:45:41



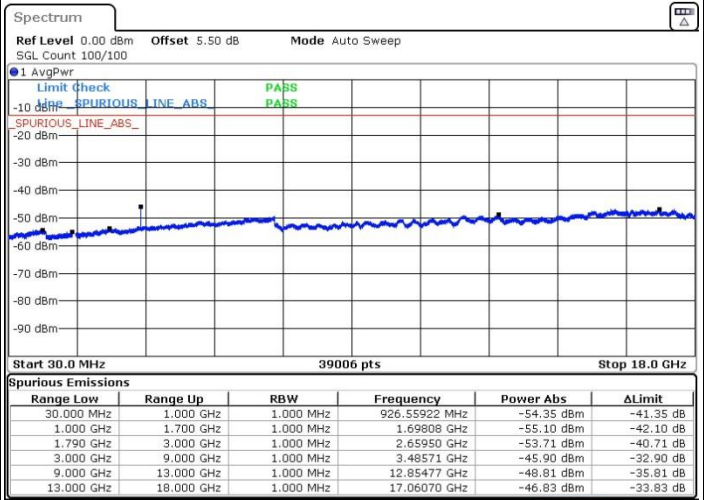
LTE Band 66 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK

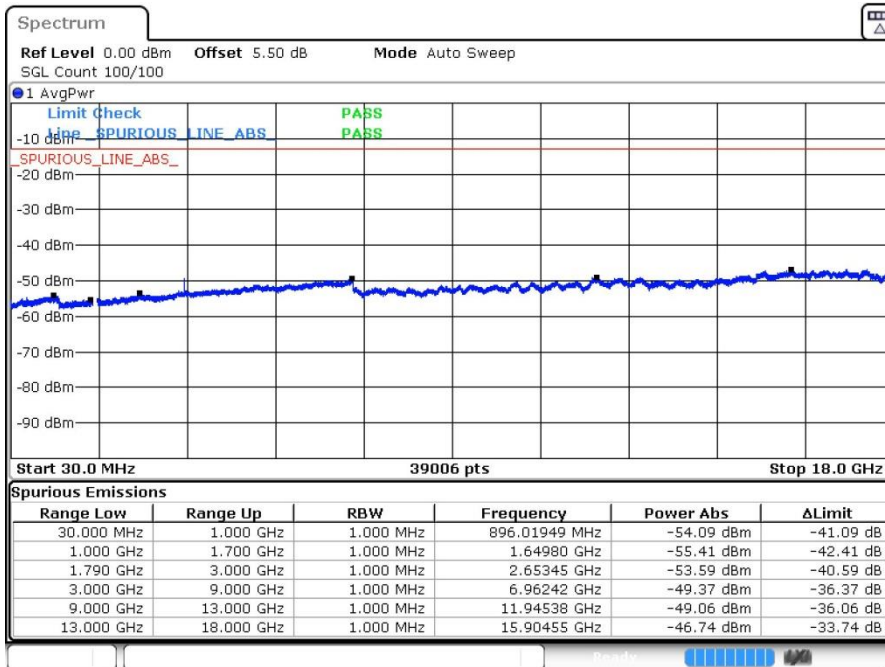


Date: 4 FEB 2022 02:55:49



Date: 4 FEB 2022 03:01:56

Highest Channel / QPSK

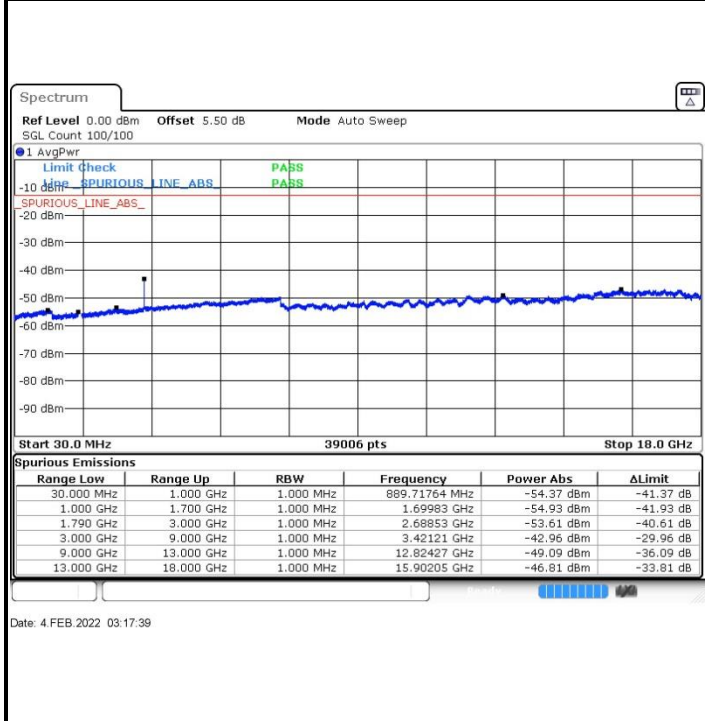


Date: 4 FEB 2022 03:03:57

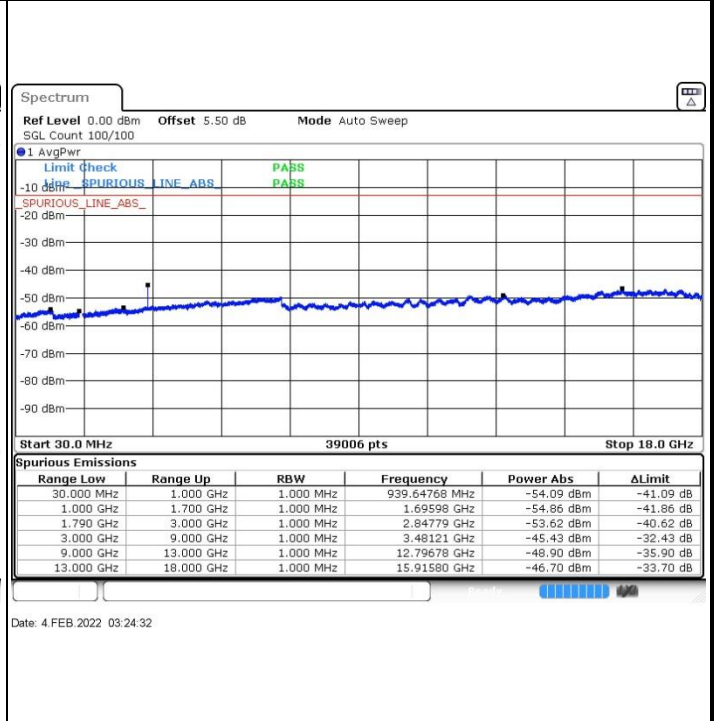


LTE Band 66 / 10MHz

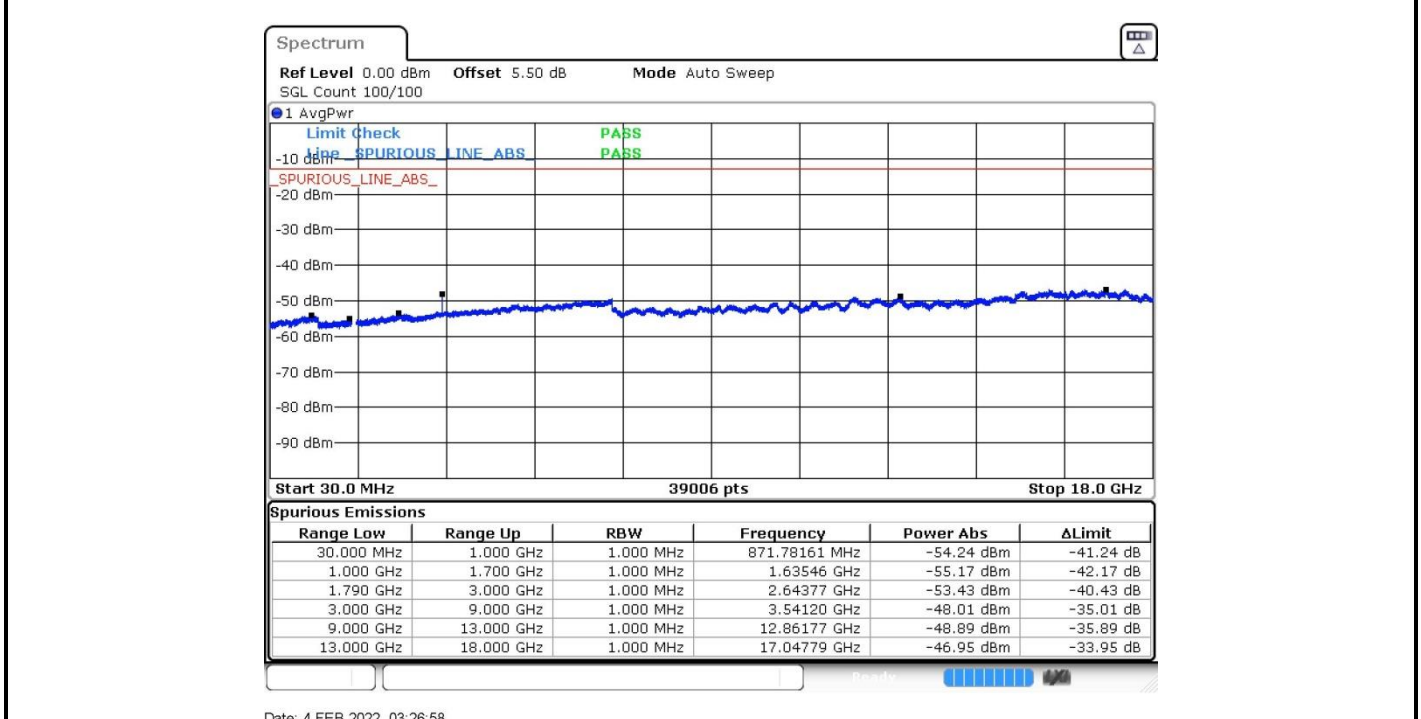
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK

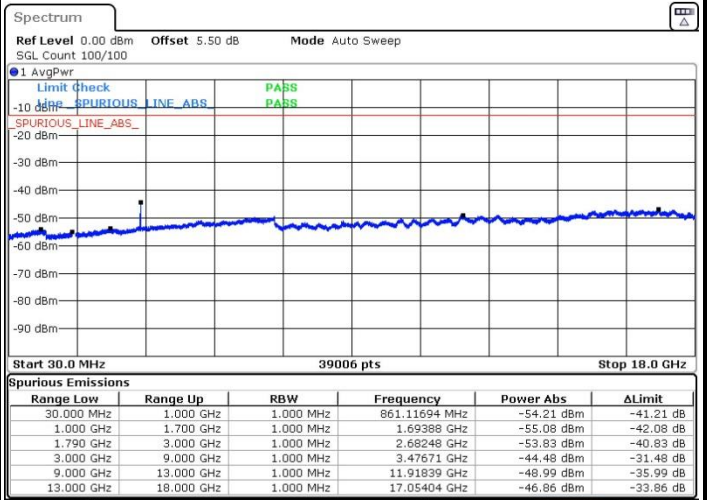
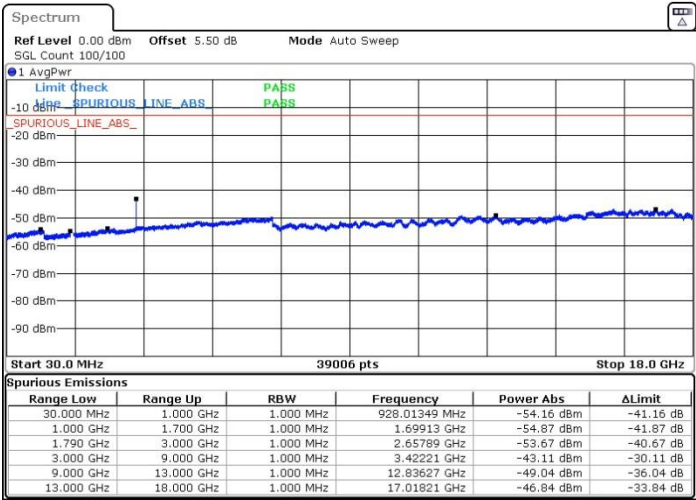




LTE Band 66 / 15MHz

Lowest Channel / QPSK

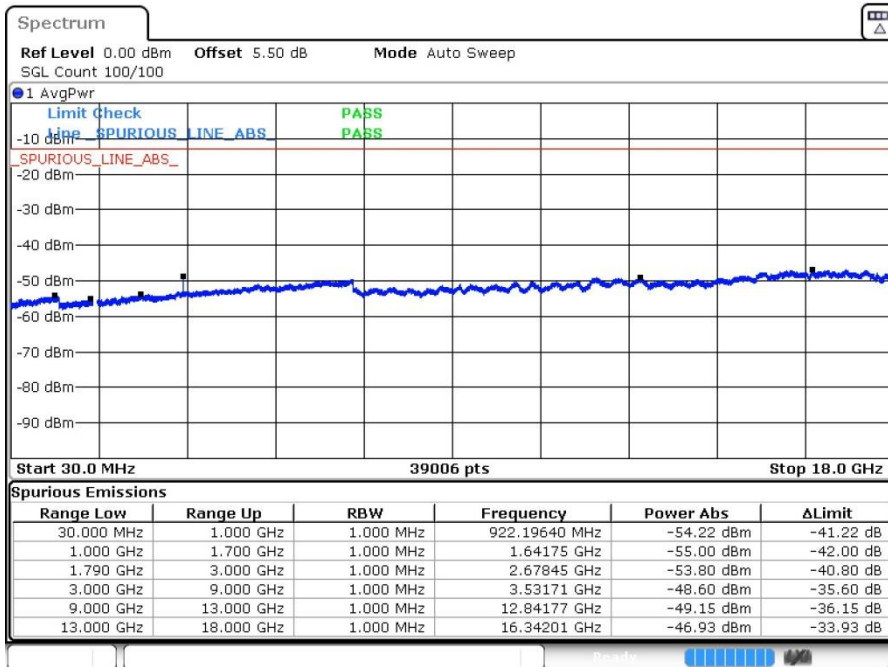
Middle Channel / QPSK



Date: 4 FEB 2022 03:47:38

Date: 4 FEB 2022 03:53:50

Highest Channel / QPSK



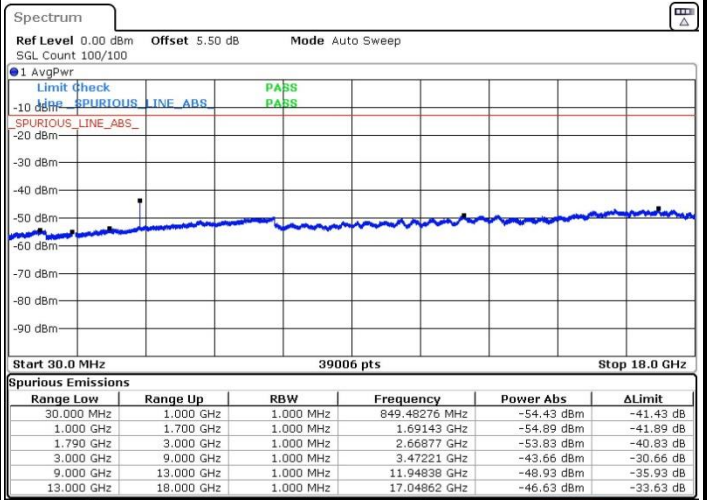
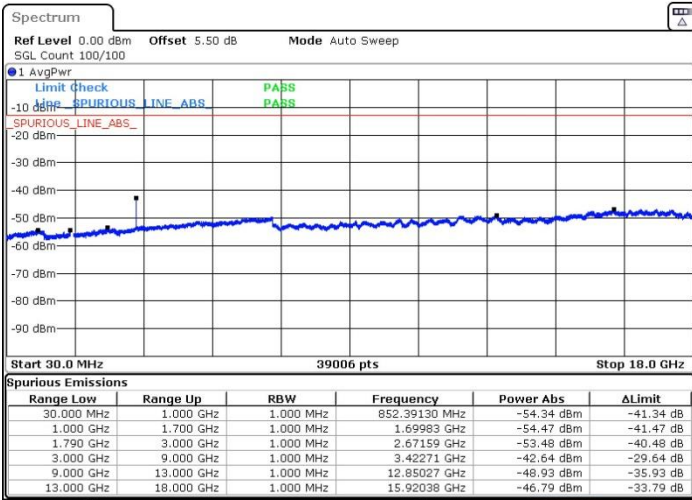
Date: 4 FEB 2022 03:55:39



LTE Band 66 / 20MHz

Lowest Channel / QPSK

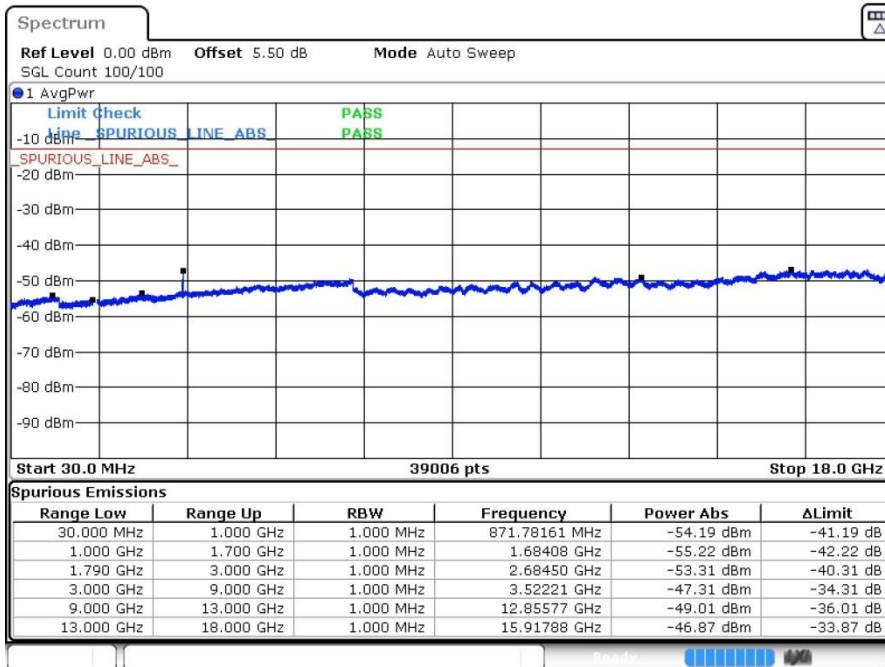
Middle Channel / QPSK



Date: 4 FEB 2022 04:10:08

Date: 4 FEB 2022 04:15:28

Highest Channel / QPSK



Date: 4 FEB 2022 04:17:12



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	0.0020	
30	Normal Voltage	0.0044	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0027	
0	Normal Voltage	0.0025	
-10	Normal Voltage	0.0017	
-20	Normal Voltage	0.0037	
-30	Normal Voltage	0.0005	
20	Maximum Voltage	0.0005	
20	Normal Voltage	0.0017	
20	Battery End Point	0.0006	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.48 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 :	Chris Chen	Temperature :	22~23°C
		Relative Humidity :	41~42%

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	3741	-56.85	-13	-43.85	-69.11	2.64	14.90	H
	5613	-55.14	-13	-42.14	-67.00	2.94	14.80	H
	7488	-49.68	-13	-36.68	-59.45	3.39	13.16	H
	3741	-57.10	-13	-44.10	-69.36	2.64	14.90	V
	5613	-55.29	-13	-42.29	-67.15	2.94	14.80	V
	7488	-52.74	-13	-39.74	-62.51	3.39	13.16	V

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

LTE Band 12 / 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	1408	-67.29	-13	-54.29	-74.26	1.58	10.70	H
	2112	-62.15	-13	-49.15	-70.40	2.102	12.50	H
	2808	-59.27	-13	-46.27	-68.16	2.856	13.90	H
	3512	-59.45	-13	-46.45	-67.91	2.689	13.30	H
	1408	-67.08	-13	-54.08	-74.05	1.58	10.70	V
	2112	-61.17	-13	-48.17	-69.42	2.10	12.50	V
	2808	-59.25	-13	-46.25	-68.14	2.86	13.90	V
	3512	-59.63	-13	-46.63	-68.09	2.69	13.30	V

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

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	-67.04	-42.15	-24.89	-69.67	1.09	5.87	H
	2336	-62.27	-13	-49.27	-64.67	1.37	5.92	H
	3120	-60.35	-13	-47.35	-64.24	1.64	7.68	H
	1560	-66.04	-42.15	-23.89	-68.67	1.09	5.87	V
	2336	-60.50	-13	-47.50	-62.90	1.37	5.92	V
	3120	-60.07	-13	-47.07	-63.96	1.64	7.68	V

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



LTE Band 13 / 10MHz / QPSK								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1552	-66.95	-13	-53.95	-69.58	1.09	5.87	H
	2328	-61.54	-13	-48.54	-63.94	1.37	5.92	H
	3112	-60.13	-13	-47.13	-64.02	1.64	7.68	H
	1552	-65.64	-13	-52.64	-68.27	1.09	5.87	V
	2328	-60.08	-13	-47.08	-62.48	1.37	5.92	V
	3112	-59.86	-13	-46.86	-63.75	1.64	7.68	V

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

LTE Band 26 / 15MHz / QPSK								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1656	-64.91	-13	-51.91	-71.88	1.58	10.70	H
	2488	-60.89	-13	-47.89	-69.14	2.102	12.50	H
	3320	-59.26	-13	-46.26	-68.15	2.856	13.90	H
	1656	-64.18	-13	-51.18	-71.15	1.58	10.70	V
	2488	-58.98	-13	-45.98	-67.23	2.10	12.50	V
	3320	-59.71	-13	-46.71	-68.60	2.86	13.90	V

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

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	3465	-54.87	-13	-41.87	-65.61	2.604	13.34	H
	5205	-53.76	-13	-40.76	-64.27	3.011	13.52	H
	6945	-53.08	-13	-40.08	-63.28	3.271	13.47	H
	3465	-56.27	-13	-43.27	-67.01	2.604	13.34	V
	5205	-54.29	-13	-41.29	-64.80	3.011	13.52	V
	6945	-53.21	-13	-40.21	-63.41	3.271	13.47	V

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