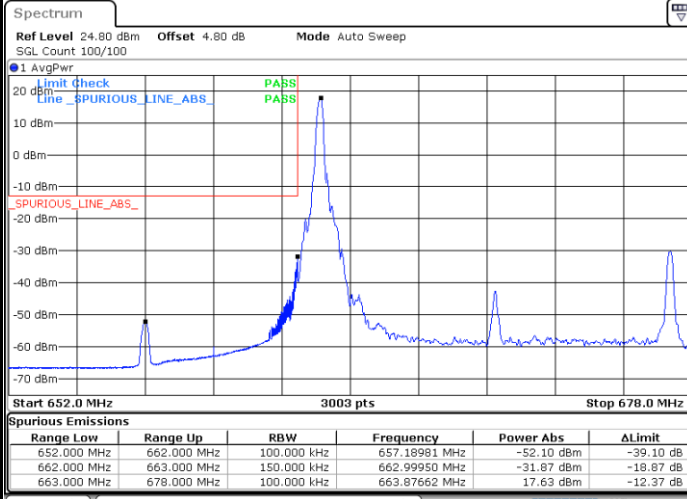




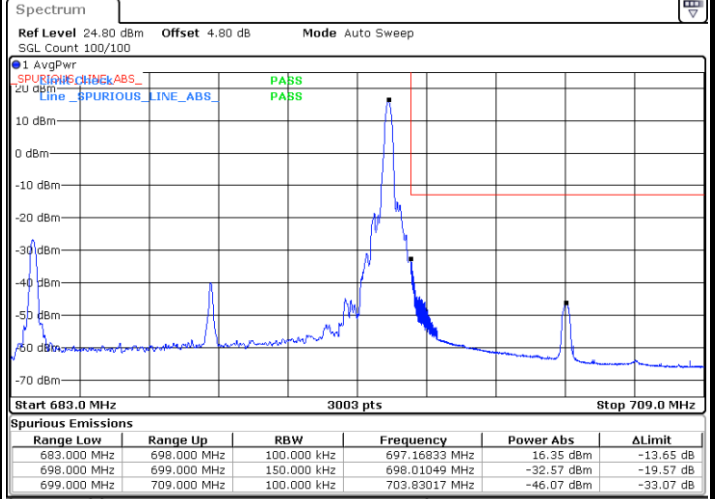
LTE Band 71 / 15MHz / 256QAM

Lowest Band Edge / 1 RB



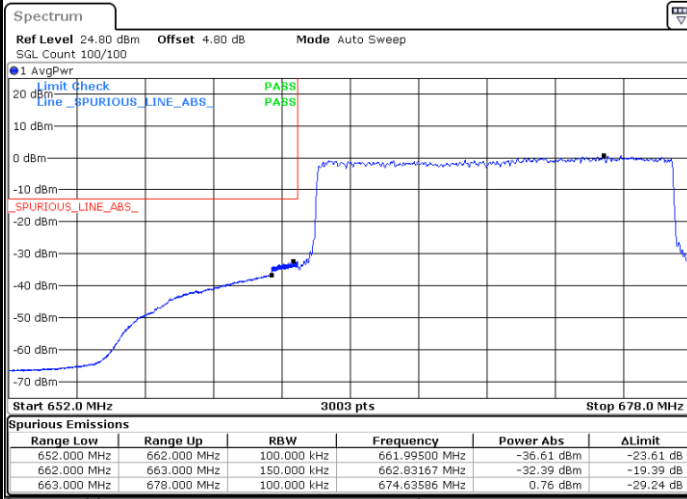
Date: 9.OCT.2023 09:06:15

Highest Band Edge / 1 RB



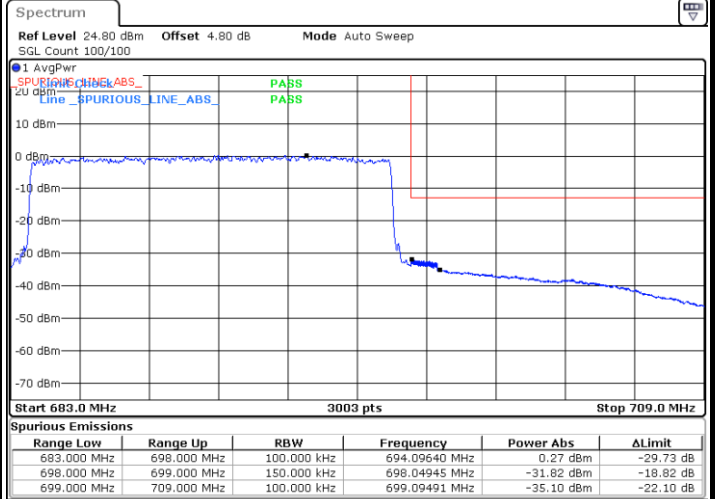
Date: 9.OCT.2023 09:17:17

Lowest Band Edge / Full RB



Date: 9.OCT.2023 08:57:45

Highest Band Edge / Full RB

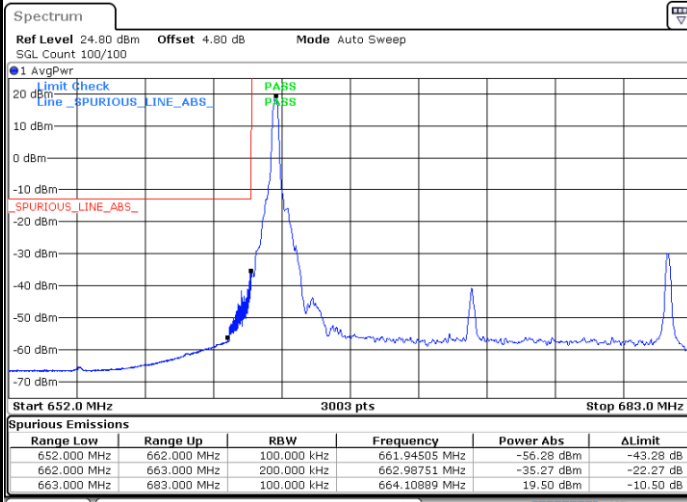


Date: 9.OCT.2023 09:22:29



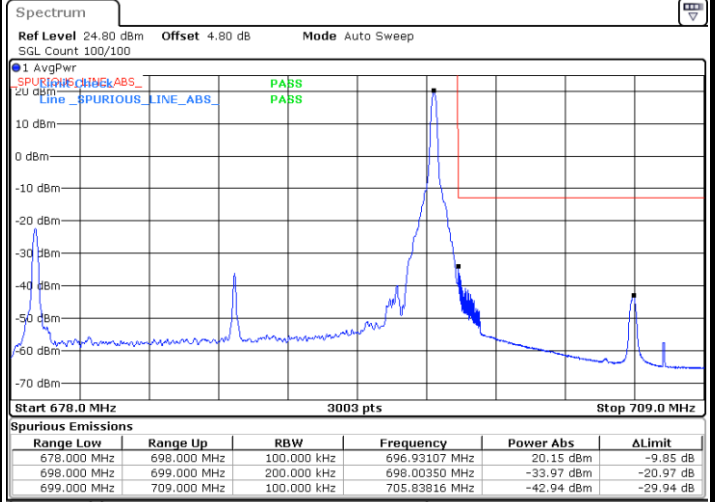
LTE Band 71 / 20MHz / QPSK

Lowest Band Edge / 1 RB



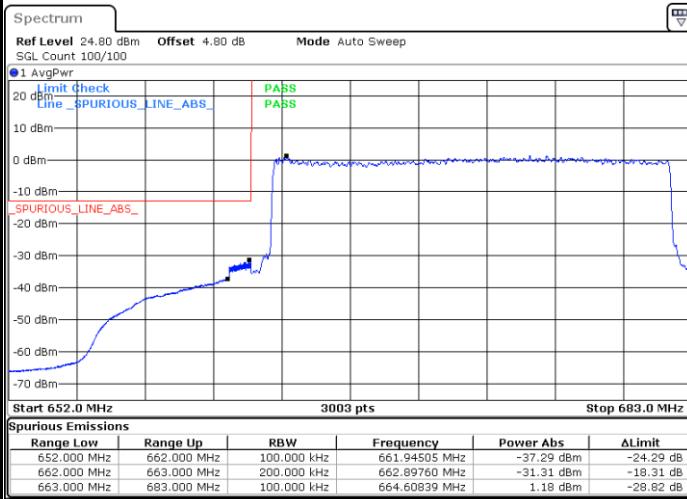
Date: 9.OCT.2023 09:29:40

Highest Band Edge / 1 RB



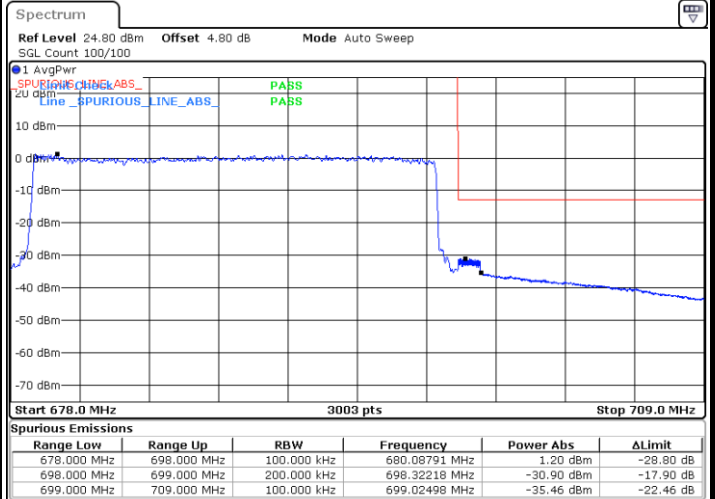
Date: 9.OCT.2023 09:40:07

Lowest Band Edge / Full RB



Date: 9.OCT.2023 09:24:01

Highest Band Edge / Full RB

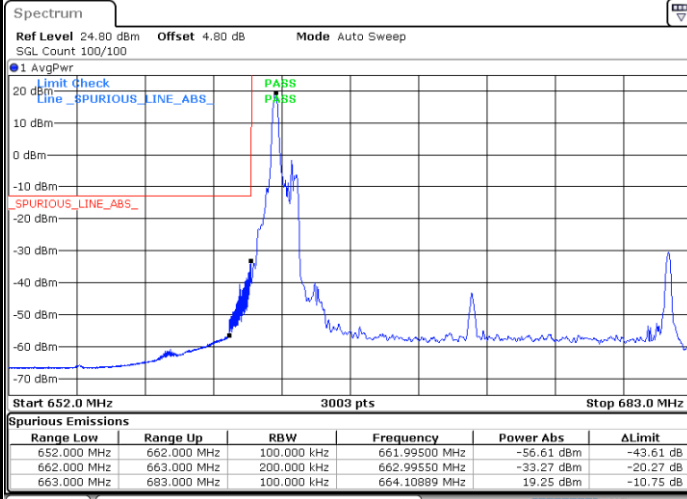


Date: 9.OCT.2023 09:45:31



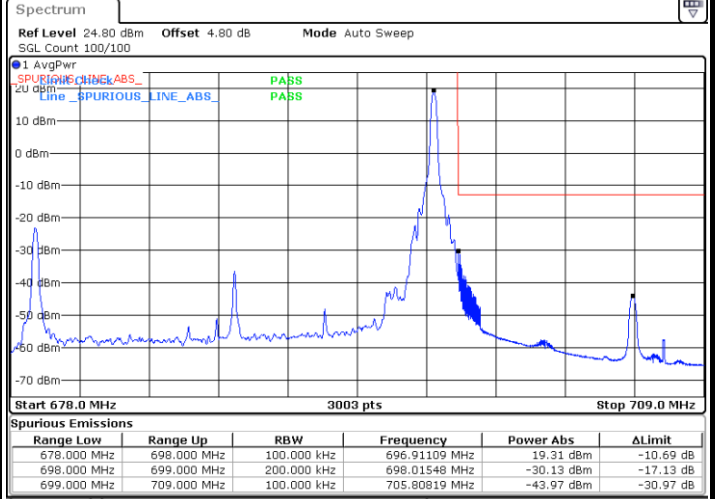
LTE Band 71 / 20MHz / 16QAM

Lowest Band Edge /1 RB



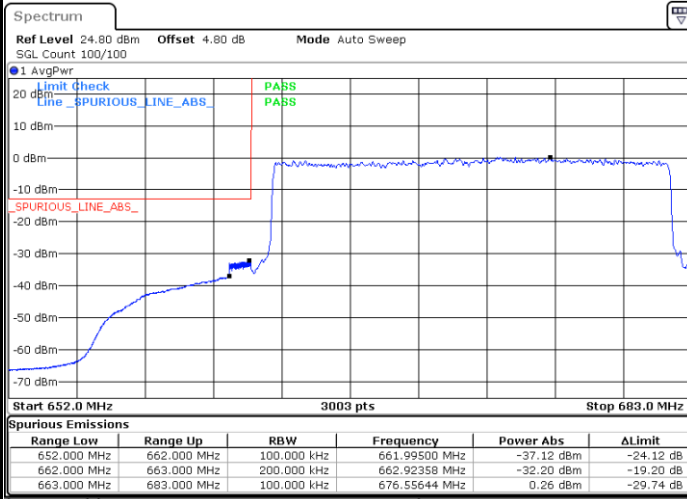
Date: 9.OCT.2023 09:30:51

Highest Band Edge / 1RB



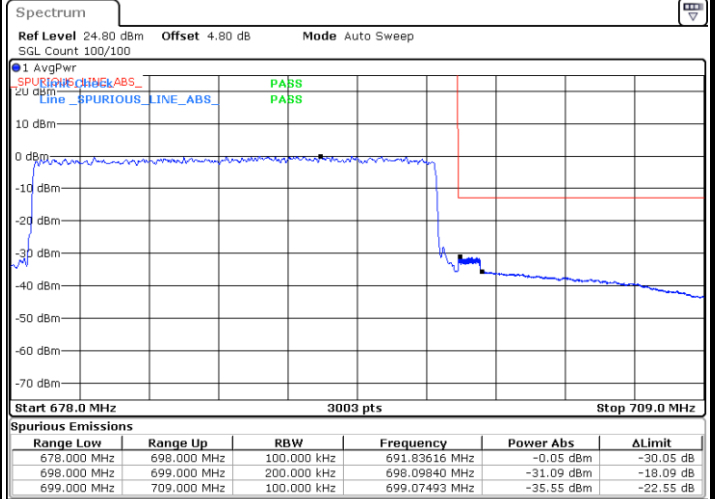
Date: 9.OCT.2023 09:41:17

Lowest Band Edge / Full RB



Date: 9.OCT.2023 09:25:12

Highest Band Edge / Full RB

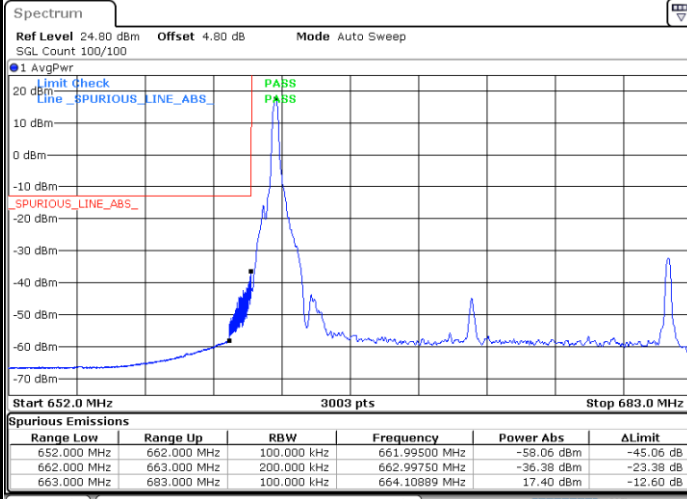


Date: 9.OCT.2023 09:46:41



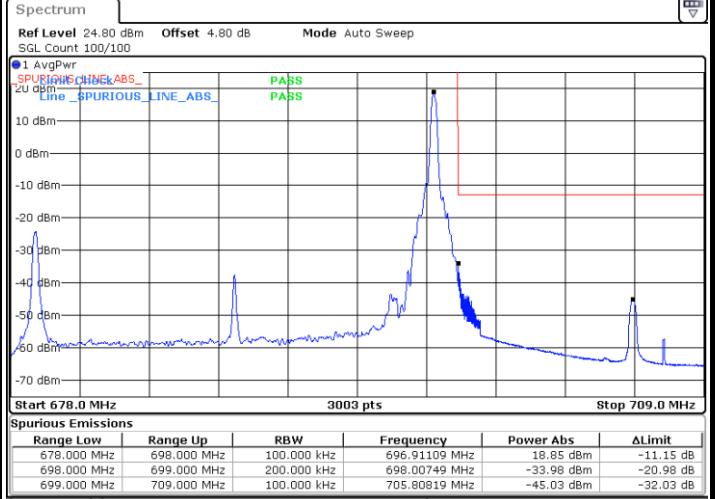
LTE Band 71 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



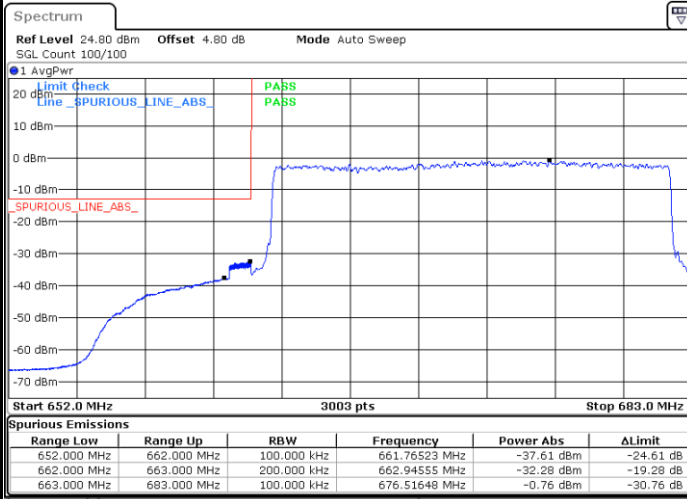
Date: 9.OCT.2023 09:32:01

Highest Band Edge / 1 RB



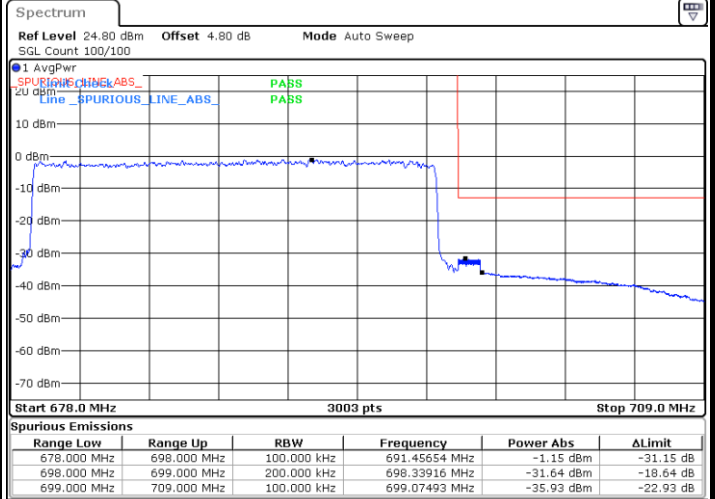
Date: 9.OCT.2023 09:42:28

Lowest Band Edge / Full RB



Date: 9.OCT.2023 09:26:23

Highest Band Edge / Full RB

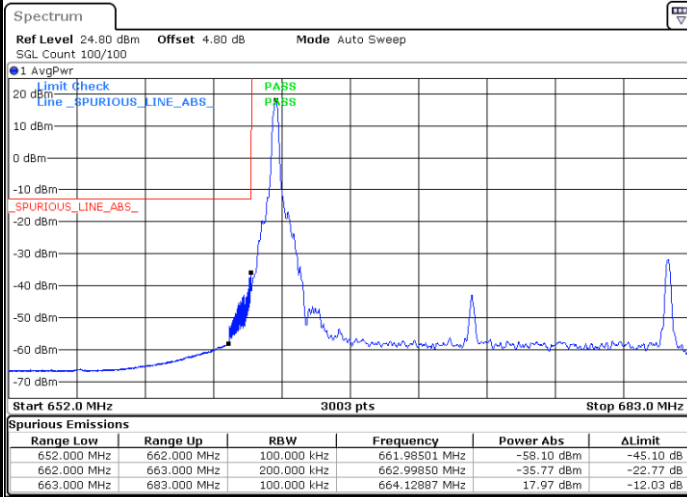


Date: 9.OCT.2023 09:47:52



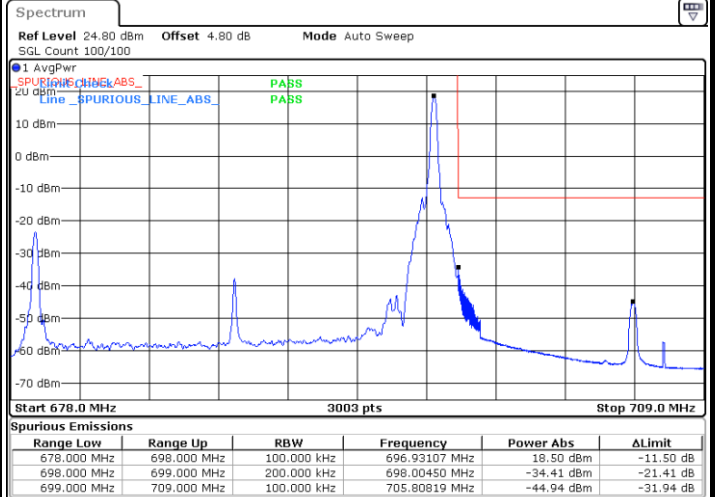
LTE Band 71 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



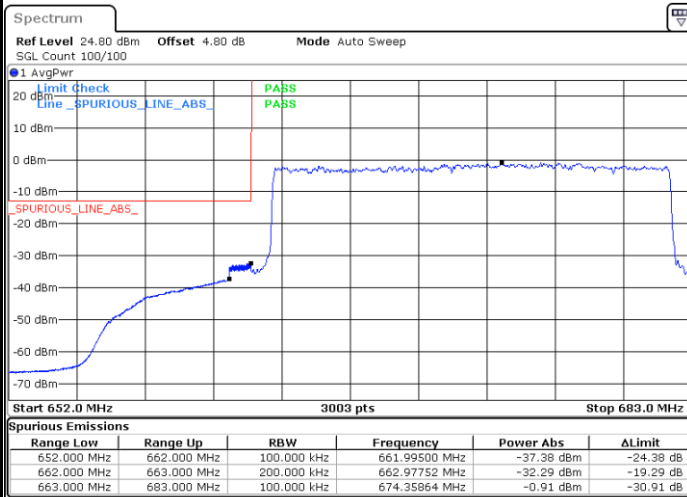
Date: 9.OCT.2023 09:33:12

Highest Band Edge / 1 RB



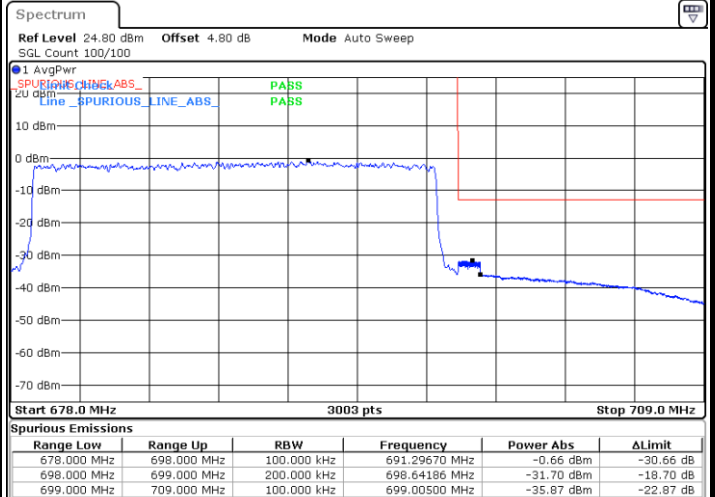
Date: 9.OCT.2023 09:43:39

Lowest Band Edge / Full RB



Date: 9.OCT.2023 09:27:34

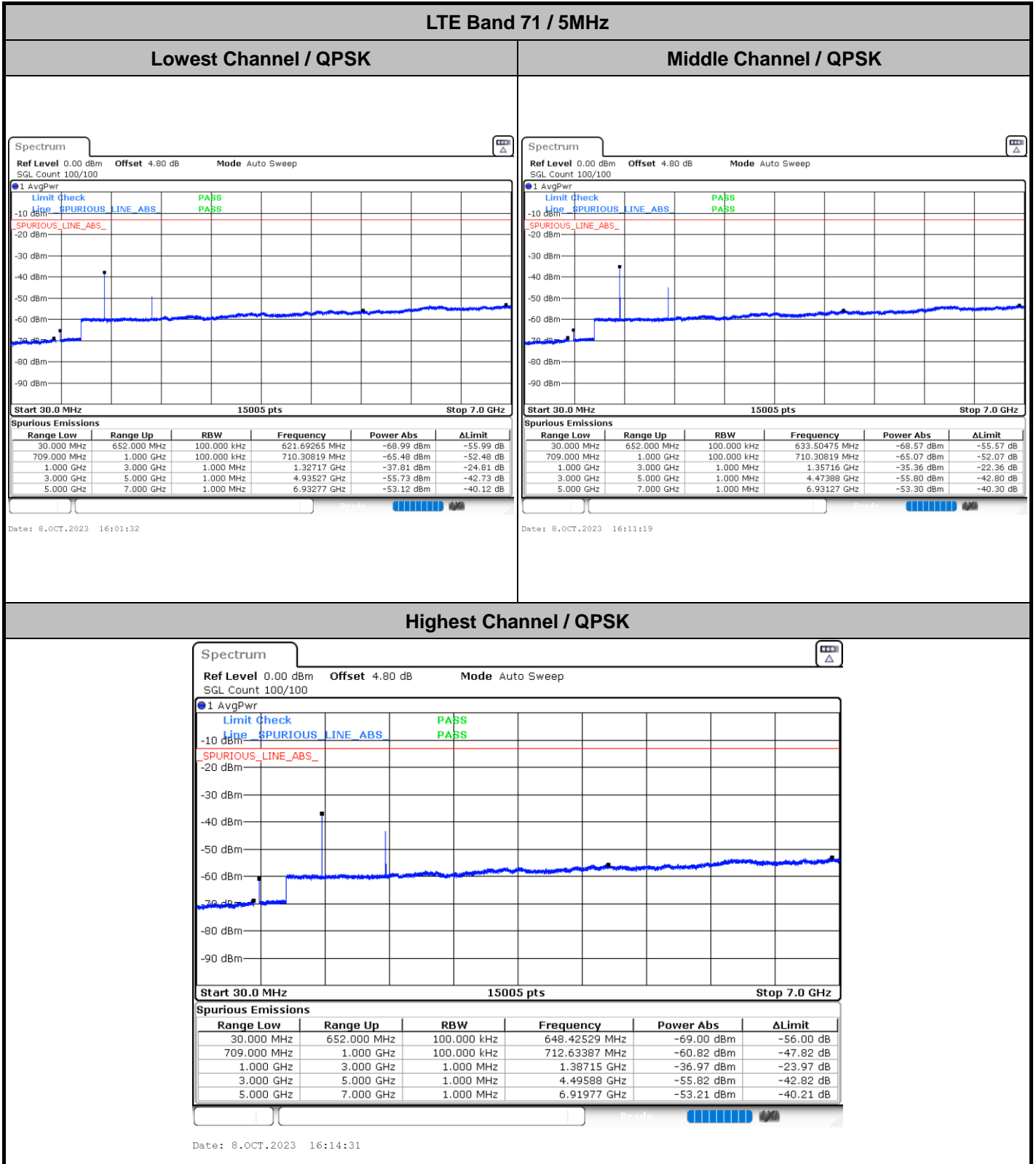
Highest Band Edge / Full RB



Date: 9.OCT.2023 09:49:03



Conducted Spurious Emission

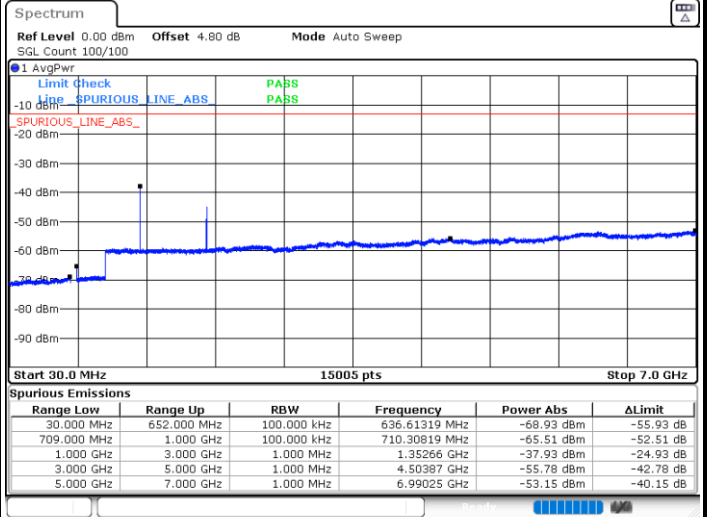
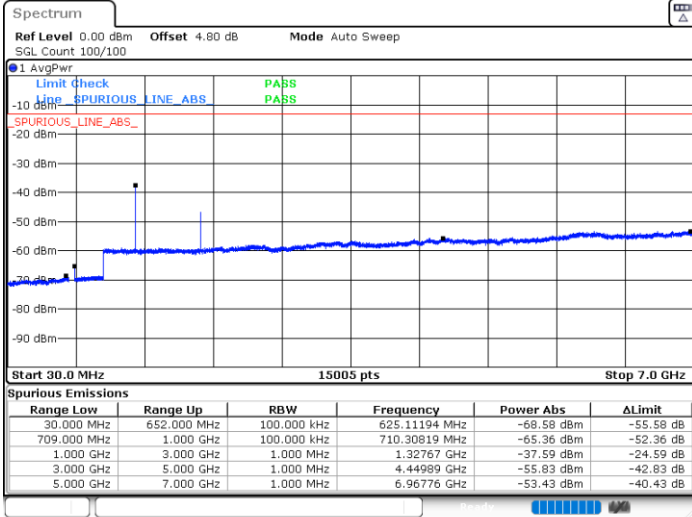




LTE Band 71 / 10MHz

Lowest Channel / QPSK

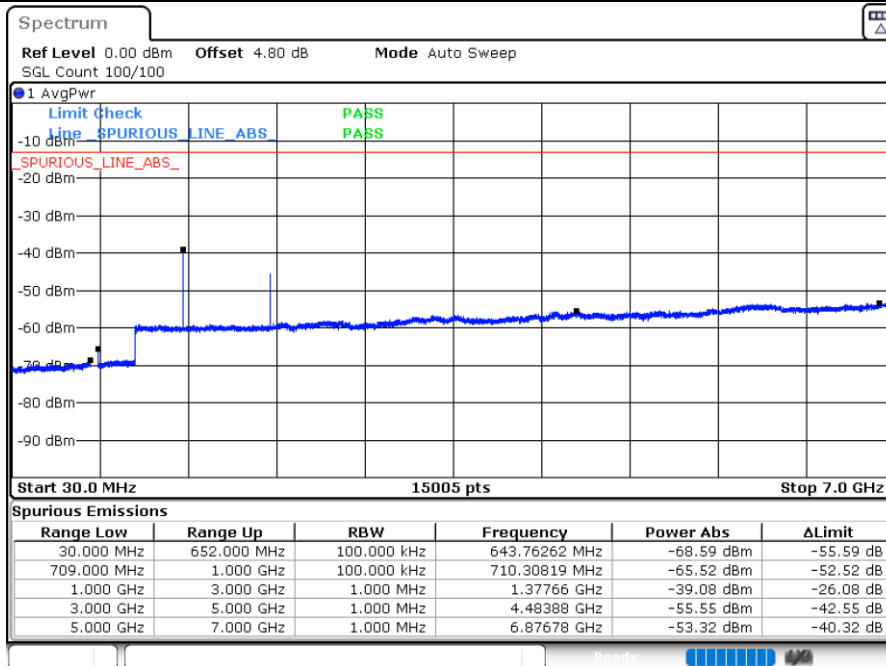
Middle Channel / QPSK



Date: 8.OCT.2023 17:02:21

Date: 8.OCT.2023 17:03:40

Highest Channel / QPSK



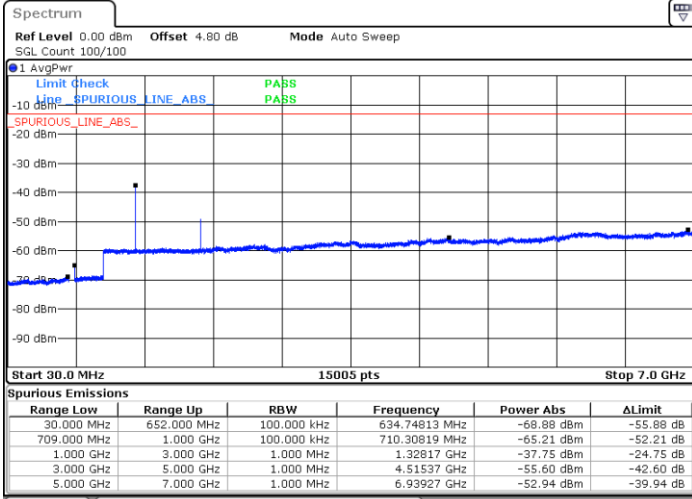
Date: 8.OCT.2023 17:06:24



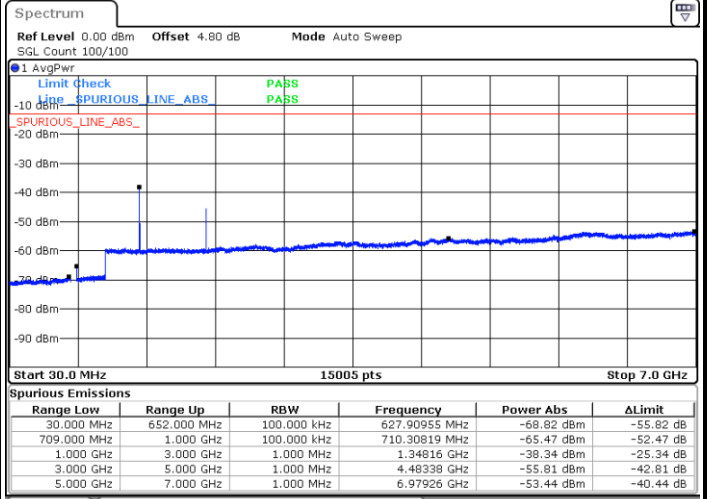
LTE Band 71 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

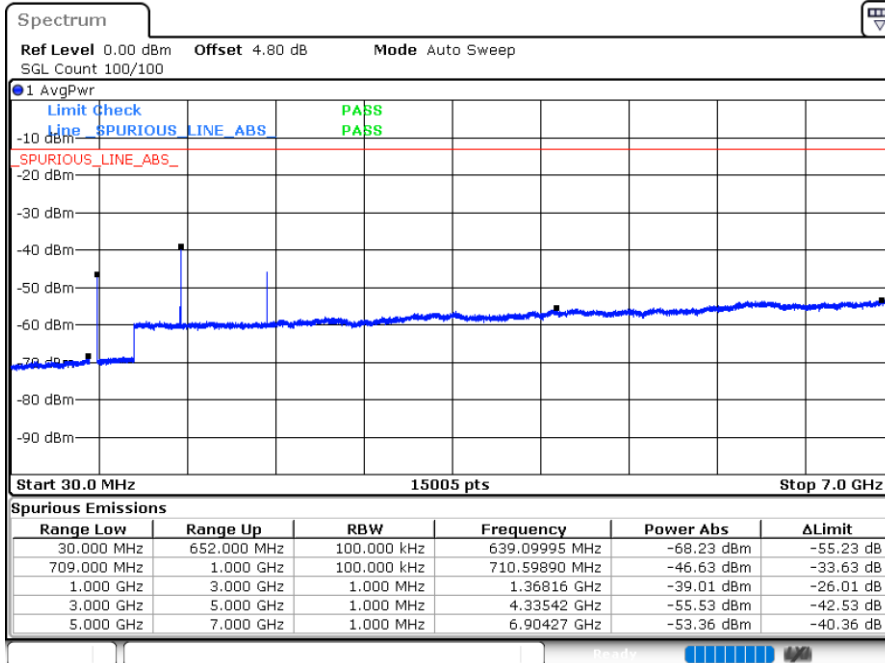


Date: 9.OCT.2023 09:08:24



Date: 9.OCT.2023 09:09:43

Highest Channel / QPSK



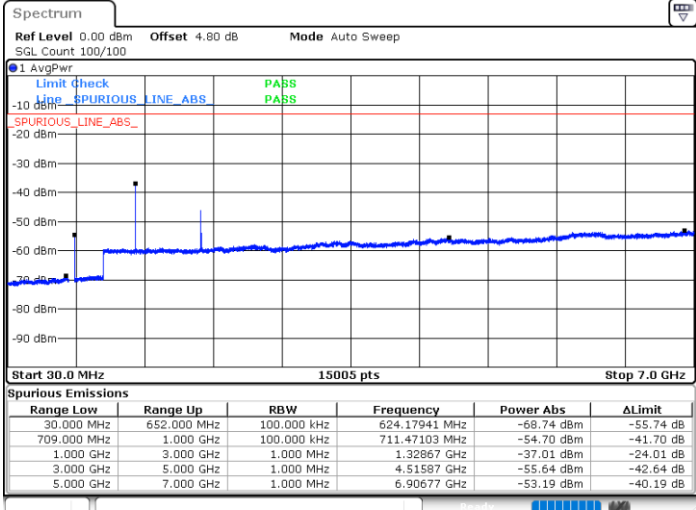
Date: 9.OCT.2023 09:12:28



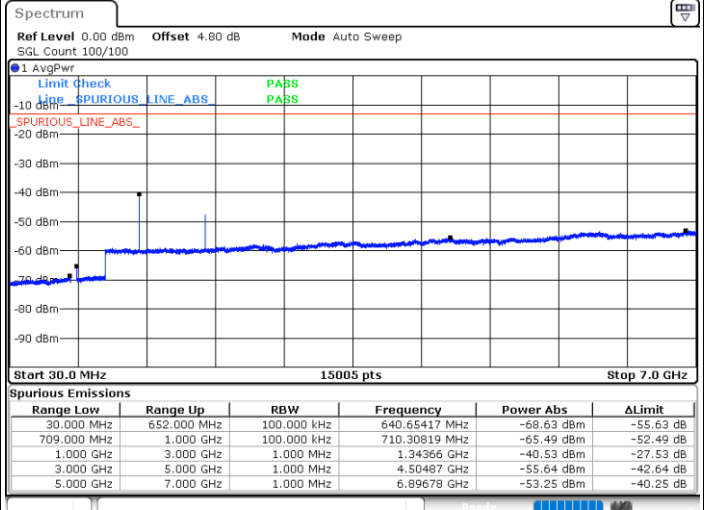
LTE Band 71 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

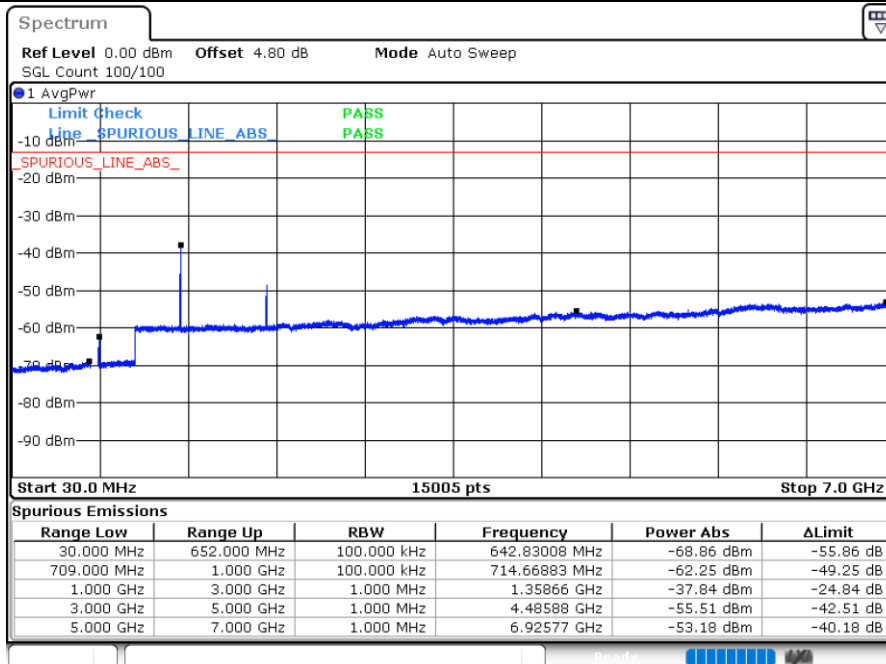


Date: 9.OCT.2023 09:34:53



Date: 9.OCT.2023 09:36:12

Highest Channel / QPSK



Date: 9.OCT.2023 09:38:56



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	0.0019	PAS S
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0024	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0056	
0	Normal Voltage	0.0048	
-10	Normal Voltage	0.0044	
-20	Normal Voltage	0.0039	
-30	Normal Voltage	0.0008	
20	Maximum Voltage	0.0014	
20	Normal Voltage	0.0026	
20	Battery End Point	0.0007	

Note:

1. Normal Voltage =3.8V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.35 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 :	23~25°C
		Relative Humidity :	41~42%

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	-44.04	-25	-19.04	-54.25	3.03	13.24	H
	7584	-52.41	-25	-27.41	-61.86	3.56	13.01	H
	10104	-57.97	-25	-32.97	-67.49	3.92	13.44	H
	5050	-43.00	-25	-18.00	-53.21	3.03	13.24	V
	7584	-52.72	-25	-27.72	-62.17	3.56	13.01	V
	10104	-52.31	-25	-27.31	-61.83	3.92	13.44	V

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

LTE Band 12 / 10MHz / 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	1408	-63.32	-13	-50.32	-70.29	1.58	10.70	H
	2112	-63.65	-13	-50.65	-71.90	2.102	12.50	H
	2816	-60.84	-13	-47.84	-69.73	2.856	13.90	H
	1408	-63.03	-13	-50.03	-70.00	1.58	10.70	V
	2112	-60.53	-13	-47.53	-68.78	2.10	12.50	V
	2816	-59.82	-13	-46.82	-68.71	2.86	13.90	V

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

LTE Band 13 / 5MHz / 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	1560	-56.57	-42.15	-14.42	-59.20	1.09	5.87	H
	2336	-60.02	-13	-47.02	-62.42	1.37	5.92	H
	3120	-55.33	-13	-42.33	-59.22	1.64	7.68	H
	3896	-50.37	-13	-37.37	-54.26	1.64	7.68	H
	1560	-50.24	-42.15	-8.09	-52.87	1.09	5.87	V
	2336	-58.52	-13	-45.52	-60.92	1.37	5.92	V
	3120	-57.08	-13	-44.08	-60.97	1.64	7.68	V
	3896	-54.24	-13	-41.24	-58.13	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)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1552	-62.19	-13	-49.19	-64.82	1.09	5.87	H
	2336	-57.61	-13	-44.61	-60.01	1.37	5.92	H
	3112	-50.34	-13	-37.34	-54.23	1.64	7.68	H
	3888	-50.55	-13	-37.55	-54.78	1.92	8.30	H
	1552	-52.93	-13	-39.93	-55.56	1.09	5.87	V
	2336	-56.45	-13	-43.45	-58.85	1.37	5.92	V
	3112	-53.07	-13	-40.07	-56.96	1.64	7.68	V
3888	-52.11	-13	-39.11	-56.00	1.64	7.68	V	

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

LTE Band 41 / 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	5162	-50.14	-25	-25.14	-60.35	3.03	13.24	H
	7752	-50.38	-25	-25.38	-59.83	3.56	13.01	H
	10342	-50.88	-25	-25.88	-60.40	3.92	13.44	H
	12918	-58.95	-25	-33.95	-68.87	4.44	14.36	H
	15508	-58.65	-25	-33.65	-69.02	4.77	15.14	H
	5162	-45.86	-25	-20.86	-56.07	3.03	13.24	V
	7752	-44.13	-25	-19.13	-53.58	3.56	13.01	V
	10342	-45.07	-25	-20.07	-54.59	3.92	13.44	V
	12918	-54.63	-25	-29.63	-64.55	4.44	14.36	V
	15508	-55.98	-25	-30.98	-66.35	4.77	15.14	V

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

LTE Band 71 / 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	1344	-62.05	-13	-49.05	-63.80	1.02	4.92	H
	2016	-61.86	-13	-48.86	-63.83	1.27	5.39	H
	2688	-58.08	-13	-45.08	-61.01	1.49	6.57	H
	3360	-57.27	-13	-44.27	-60.67	1.73	7.28	H
	1344	-53.60	-13	-40.60	-55.35	1.02	4.92	V
	2016	-61.30	-13	-48.30	-63.27	1.27	5.39	V
	2688	-58.65	-13	-45.65	-61.58	1.49	6.57	V
	3360	-57.71	-13	-44.71	-61.11	1.73	7.28	V

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