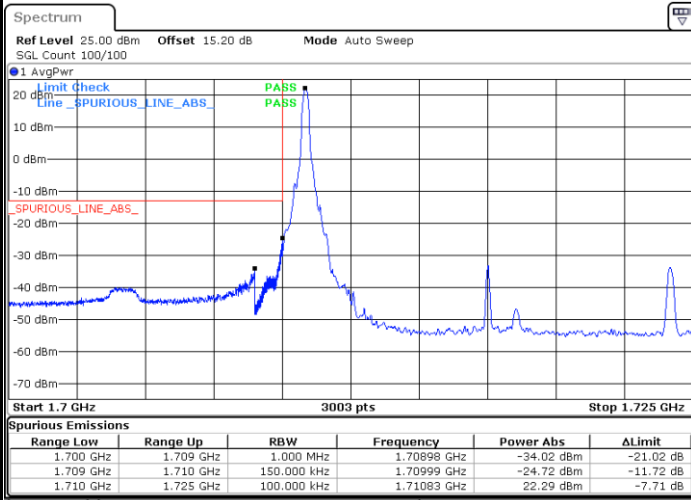




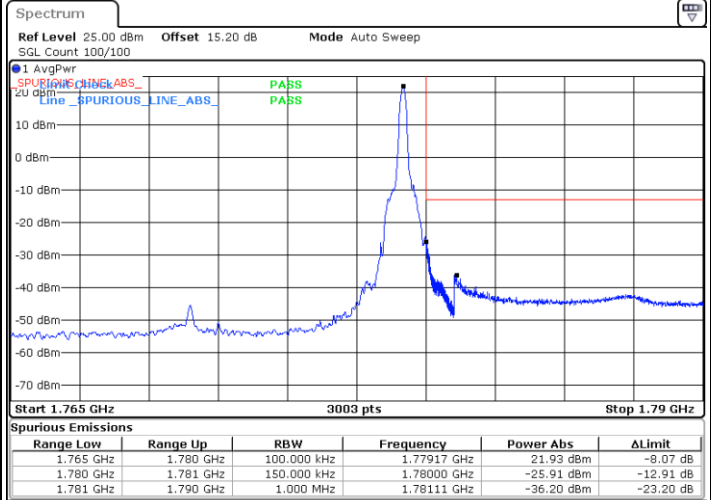
LTE Band 66 / 15MHz / QPSK

Lowest Band Edge / 1 RB



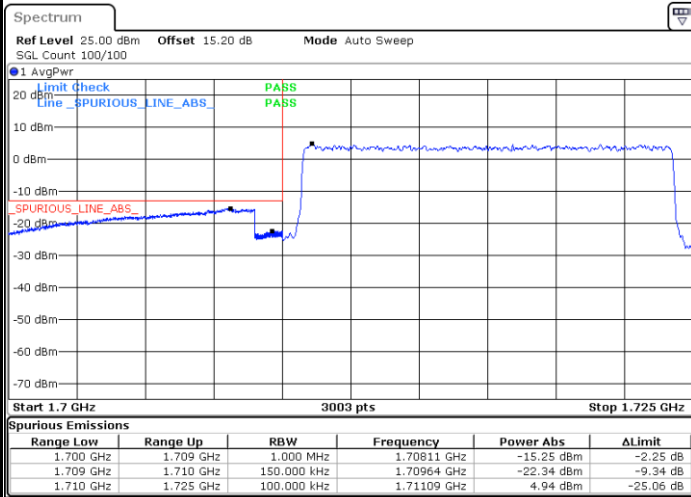
Date: 23 SEP 2022 15:27:12

Highest Band Edge / 1 RB



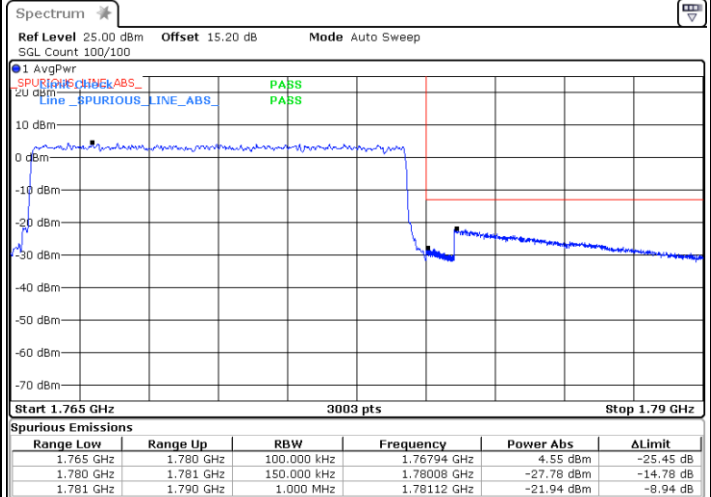
Date: 23 SEP 2022 16:20:56

Lowest Band Edge / Full RB



Date: 23 SEP 2022 16:04:49

Highest Band Edge / Full RB

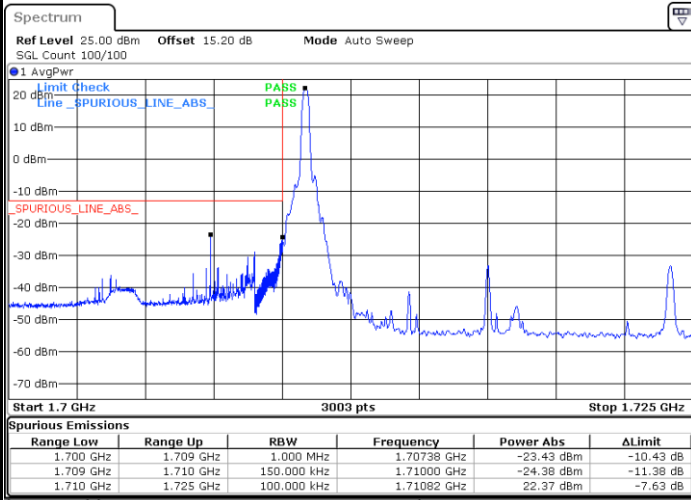


Date: 23 SEP 2022 16:05:49



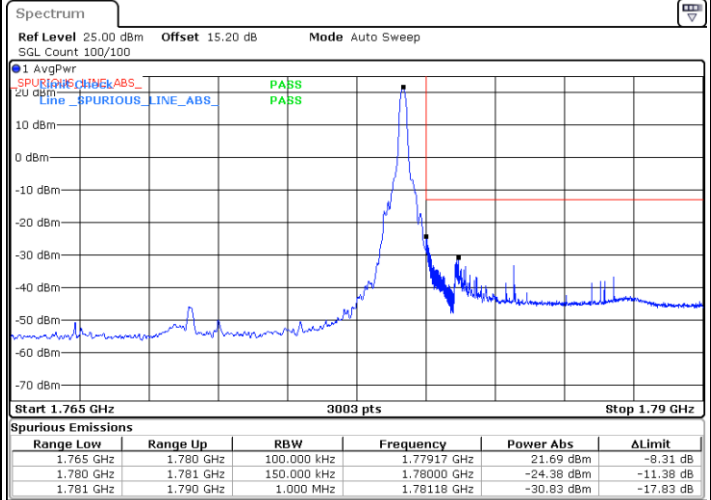
LTE Band 66 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



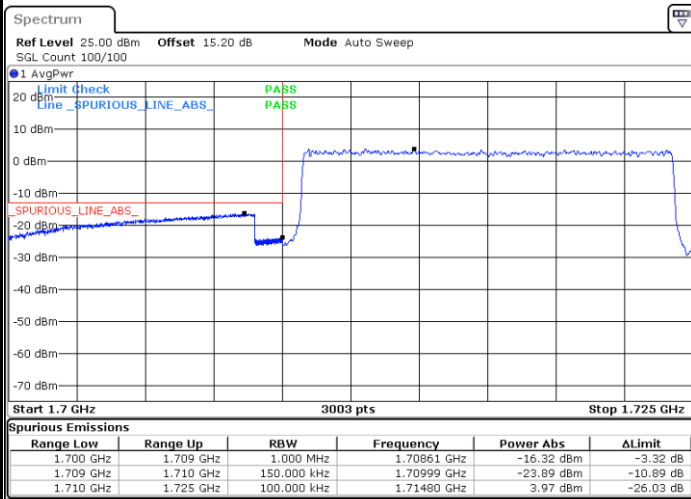
Date: 23 SEP 2022 15:28:07

Highest Band Edge / 1 RB



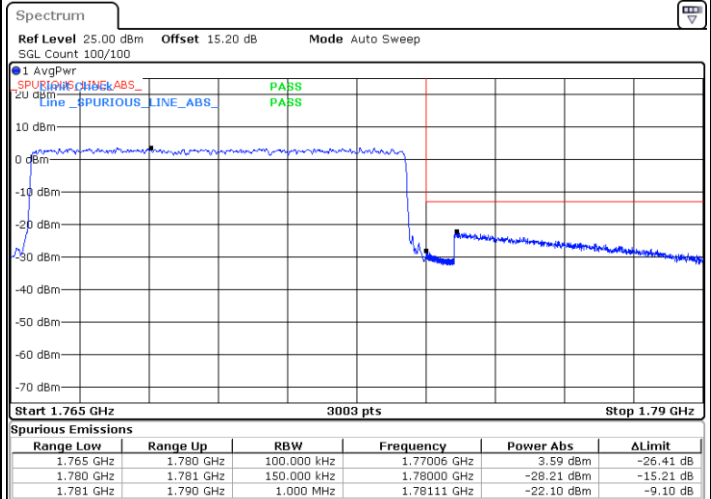
Date: 23 SEP 2022 16:19:44

Lowest Band Edge / Full RB



Date: 23 SEP 2022 16:03:37

Highest Band Edge / Full RB

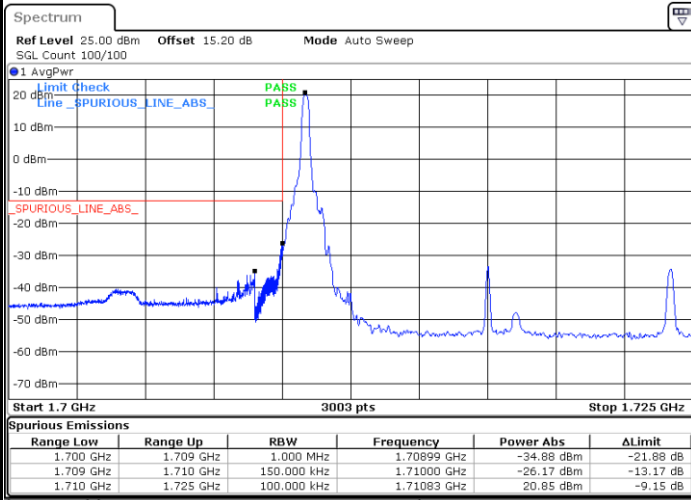


Date: 23 SEP 2022 16:06:47



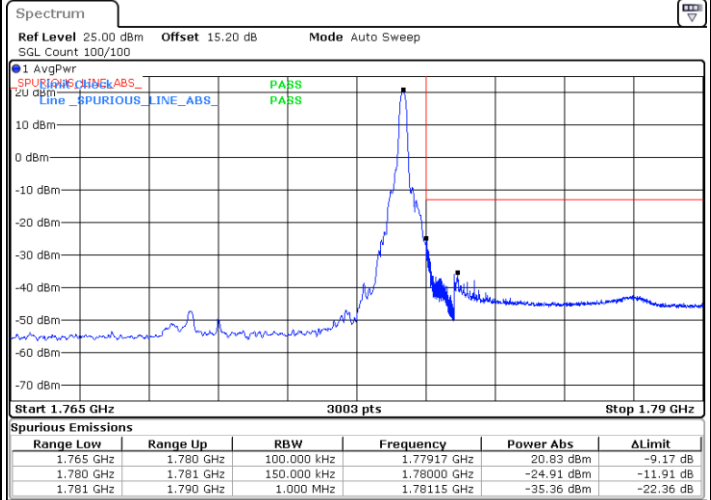
LTE Band 66 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



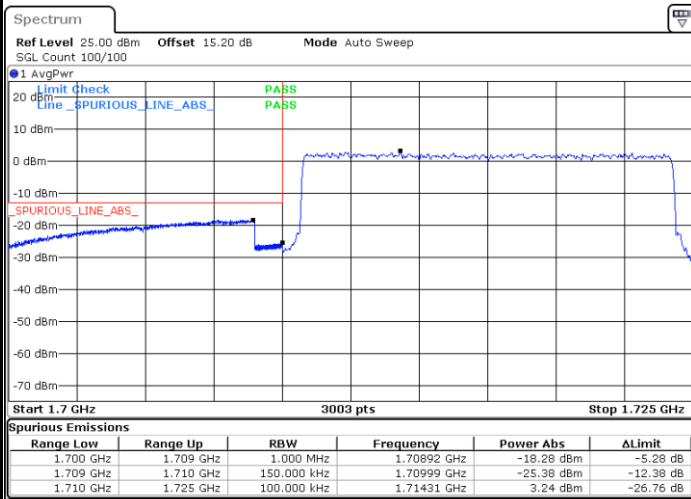
Date: 23 SEP 2022 15:31:40

Highest Band Edge / 1 RB



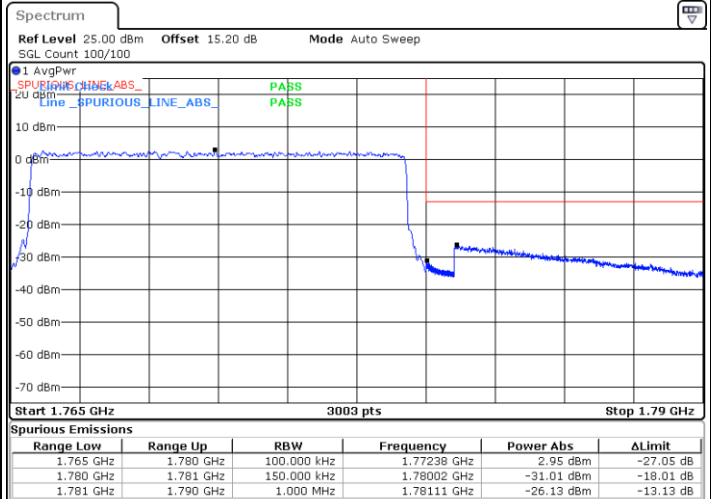
Date: 23 SEP 2022 16:18:17

Lowest Band Edge / Full RB



Date: 23 SEP 2022 16:03:02

Highest Band Edge / Full RB

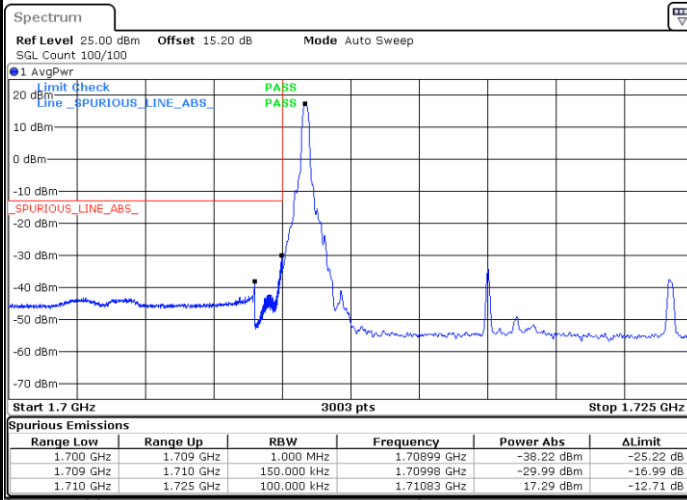


Date: 23 SEP 2022 16:07:44



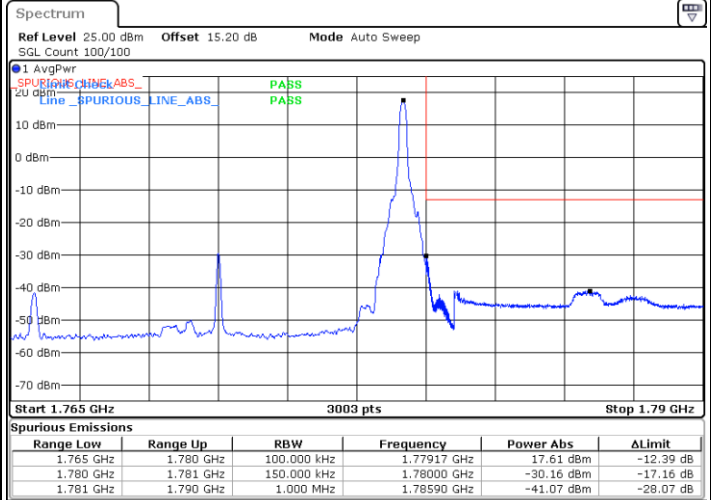
LTE Band 66 / 15MHz / 256QAM

Lowest Band Edge / 1 RB



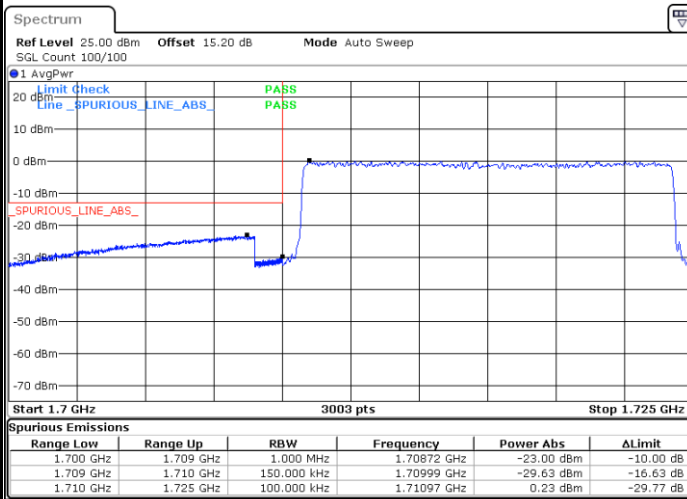
Date: 23 SEP 2022 15:59:15

Highest Band Edge / 1 RB



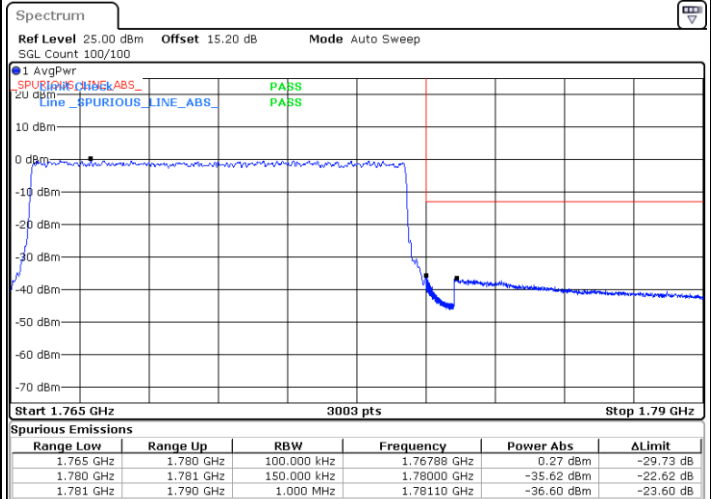
Date: 23 SEP 2022 16:11:33

Lowest Band Edge / Full RB



Date: 23 SEP 2022 16:02:13

Highest Band Edge / Full RB

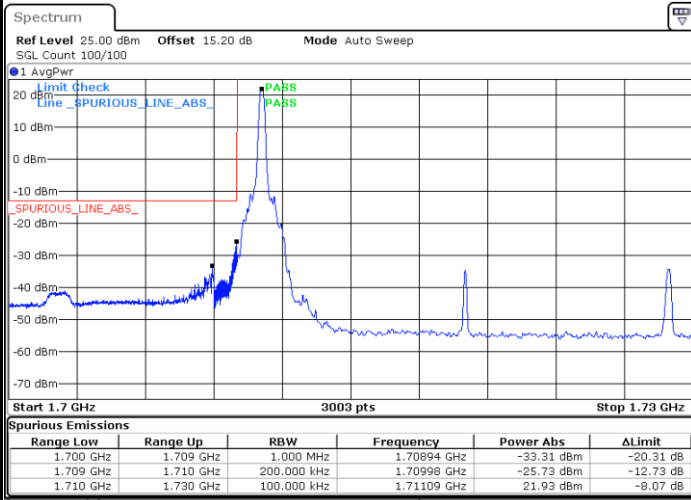


Date: 23 SEP 2022 16:15:57



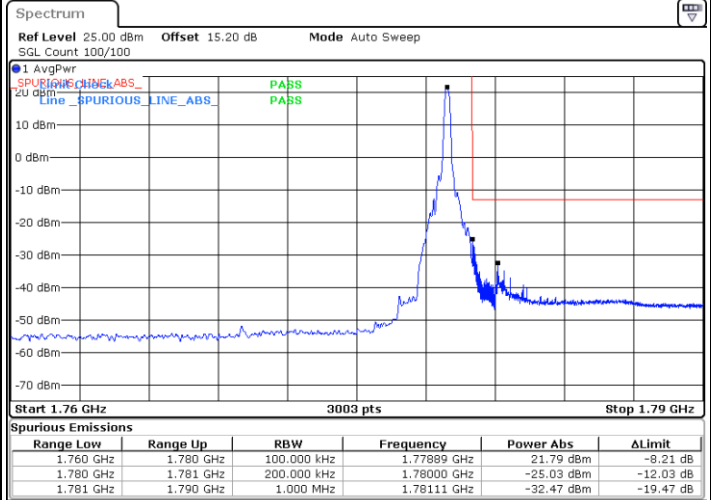
LTE Band 66 / 20MHz / QPSK

Lowest Band Edge / 1 RB



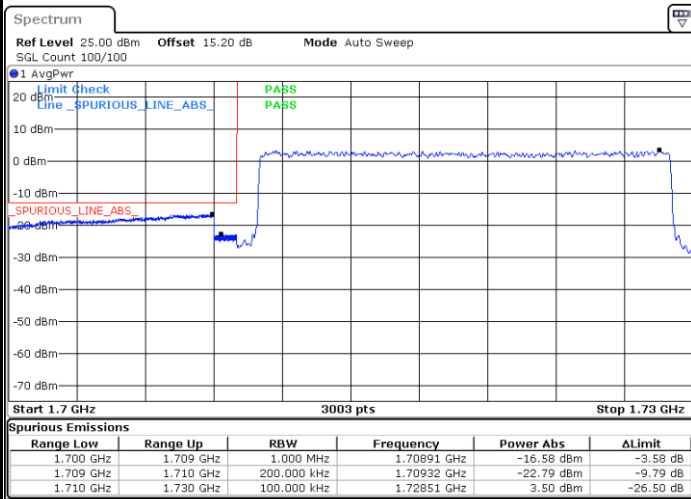
Date: 23 SEP 2022 15:06:38

Highest Band Edge / 1 RB



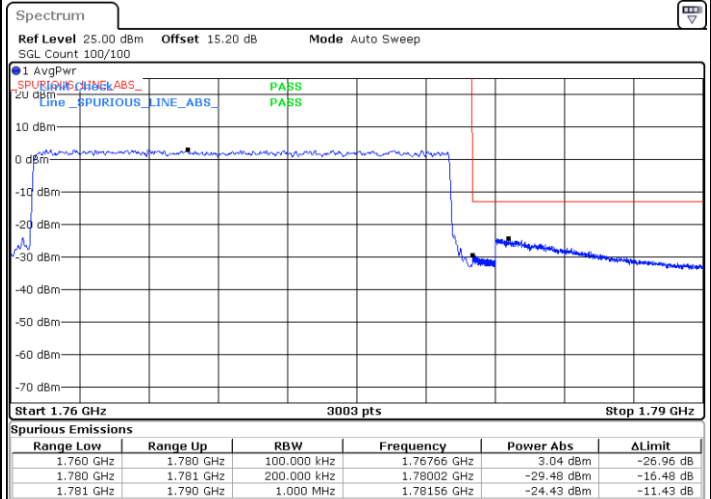
Date: 23 SEP 2022 15:15:14

Lowest Band Edge / Full RB



Date: 23 SEP 2022 15:10:49

Highest Band Edge / Full RB

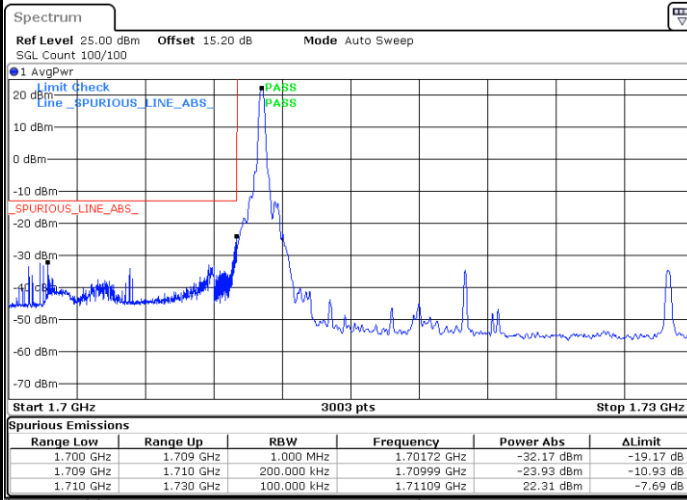


Date: 23 SEP 2022 15:11:34



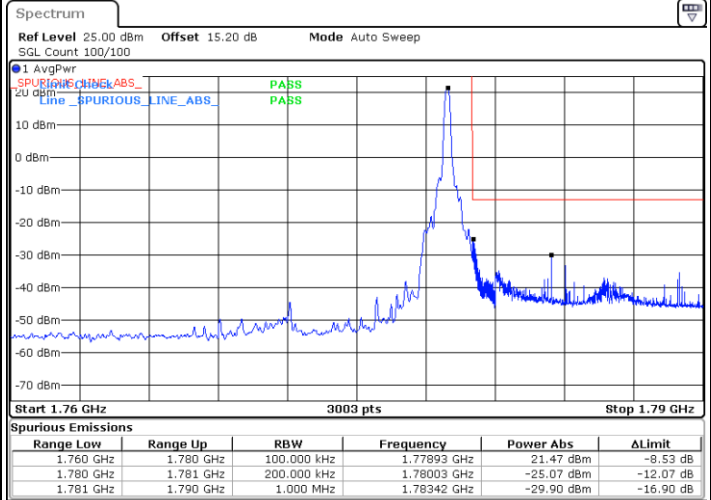
LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



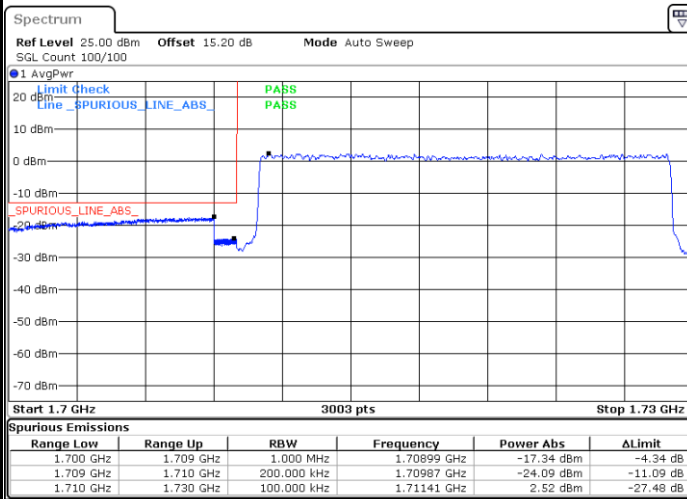
Date: 23 SEP 2022 15:07:06

Highest Band Edge / 1 RB



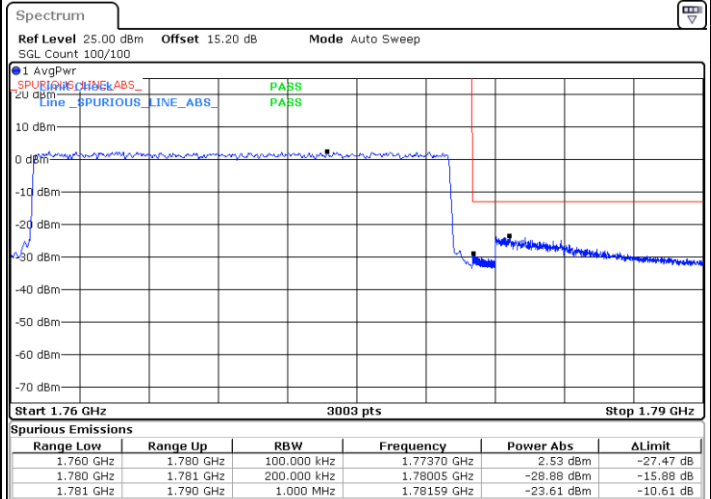
Date: 23 SEP 2022 15:14:50

Lowest Band Edge / Full RB



Date: 23 SEP 2022 15:10:28

Highest Band Edge / Full RB

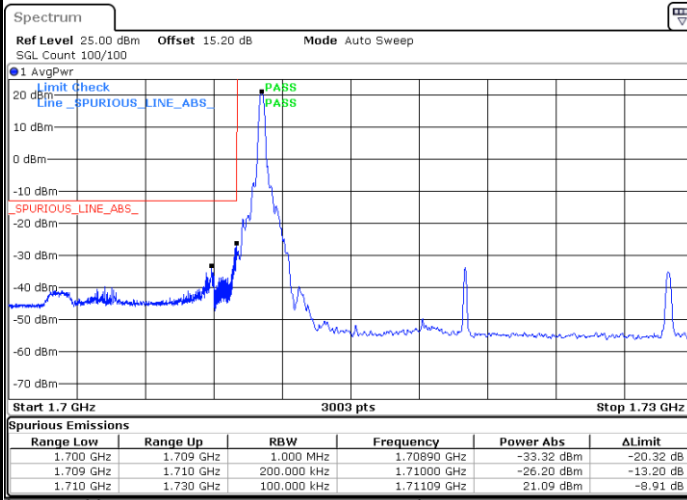


Date: 23 SEP 2022 15:11:53



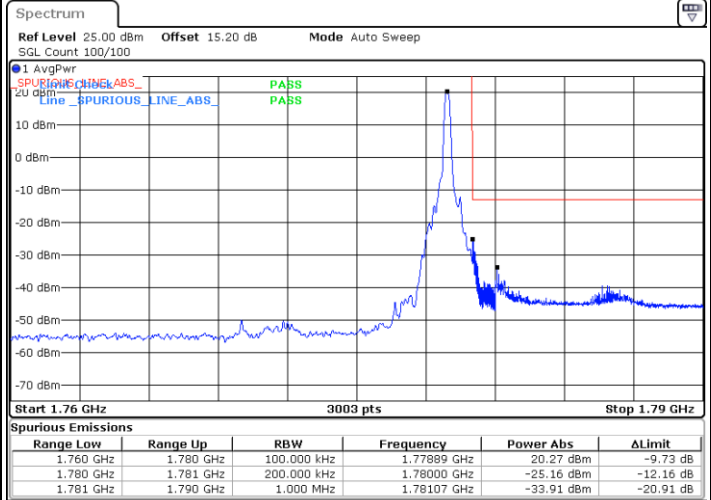
LTE Band 66 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



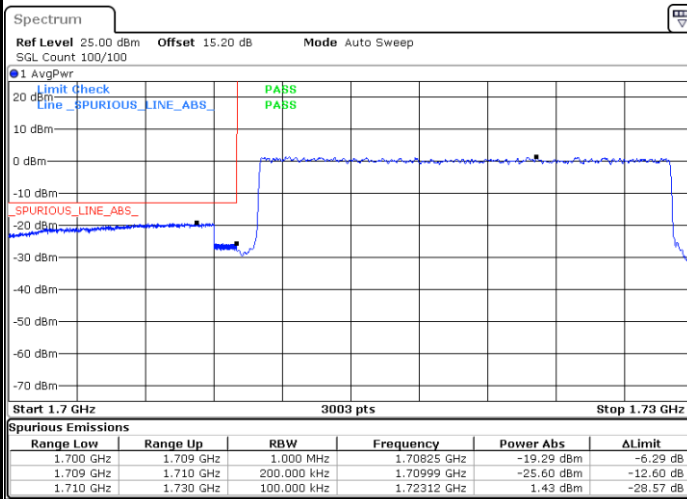
Date: 23 SEP 2022 15:07:22

Highest Band Edge / 1 RB



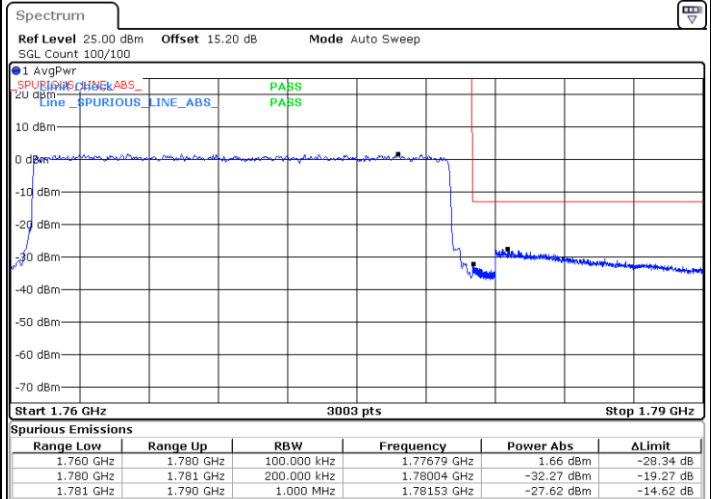
Date: 23 SEP 2022 15:14:33

Lowest Band Edge / Full RB



Date: 23 SEP 2022 15:09:50

Highest Band Edge / Full RB

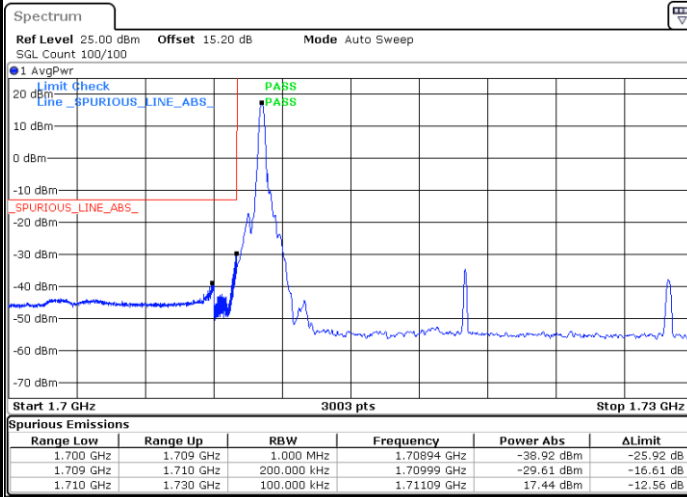


Date: 23 SEP 2022 15:12:14



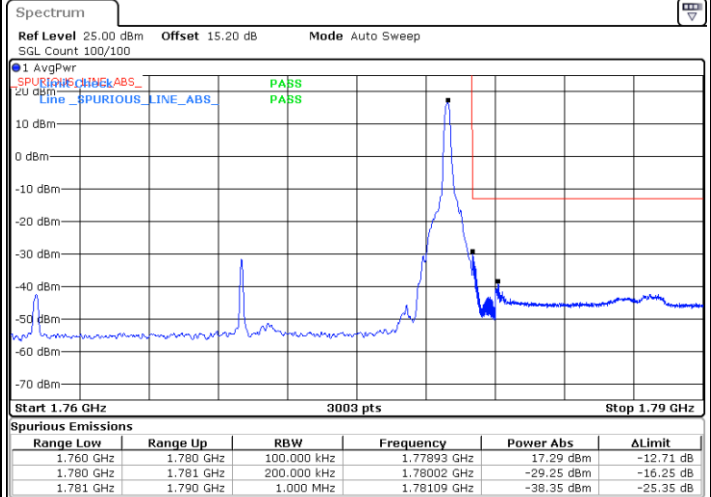
LTE Band 66 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



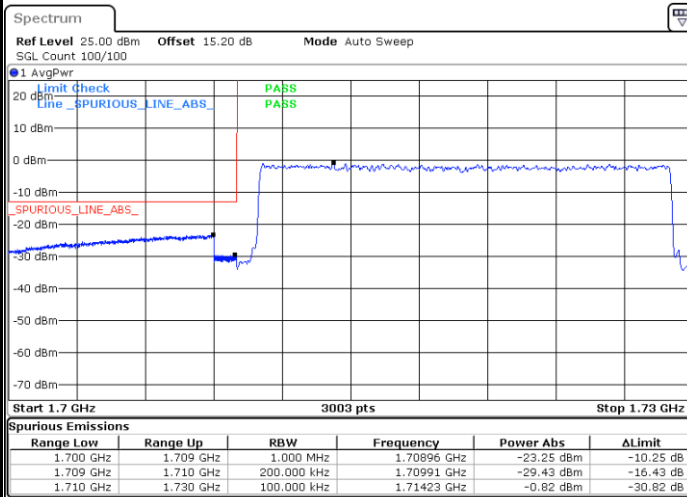
Date: 23.SEP.2022 15:07:42

Highest Band Edge / 1 RB



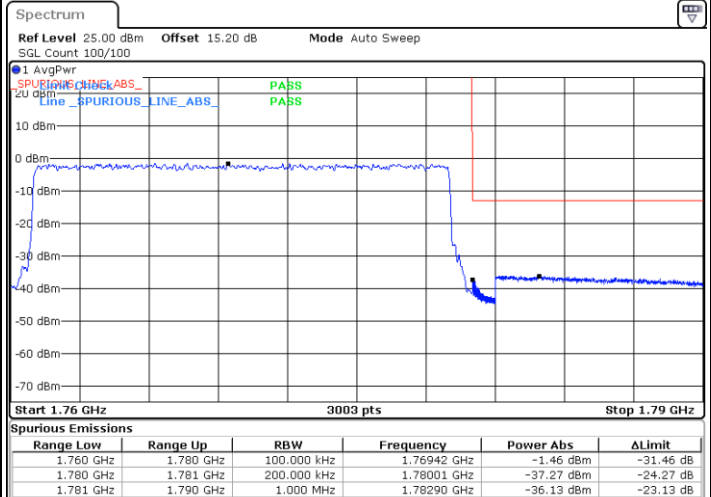
Date: 23.SEP.2022 15:13:08

Lowest Band Edge / Full RB



Date: 23.SEP.2022 15:08:04

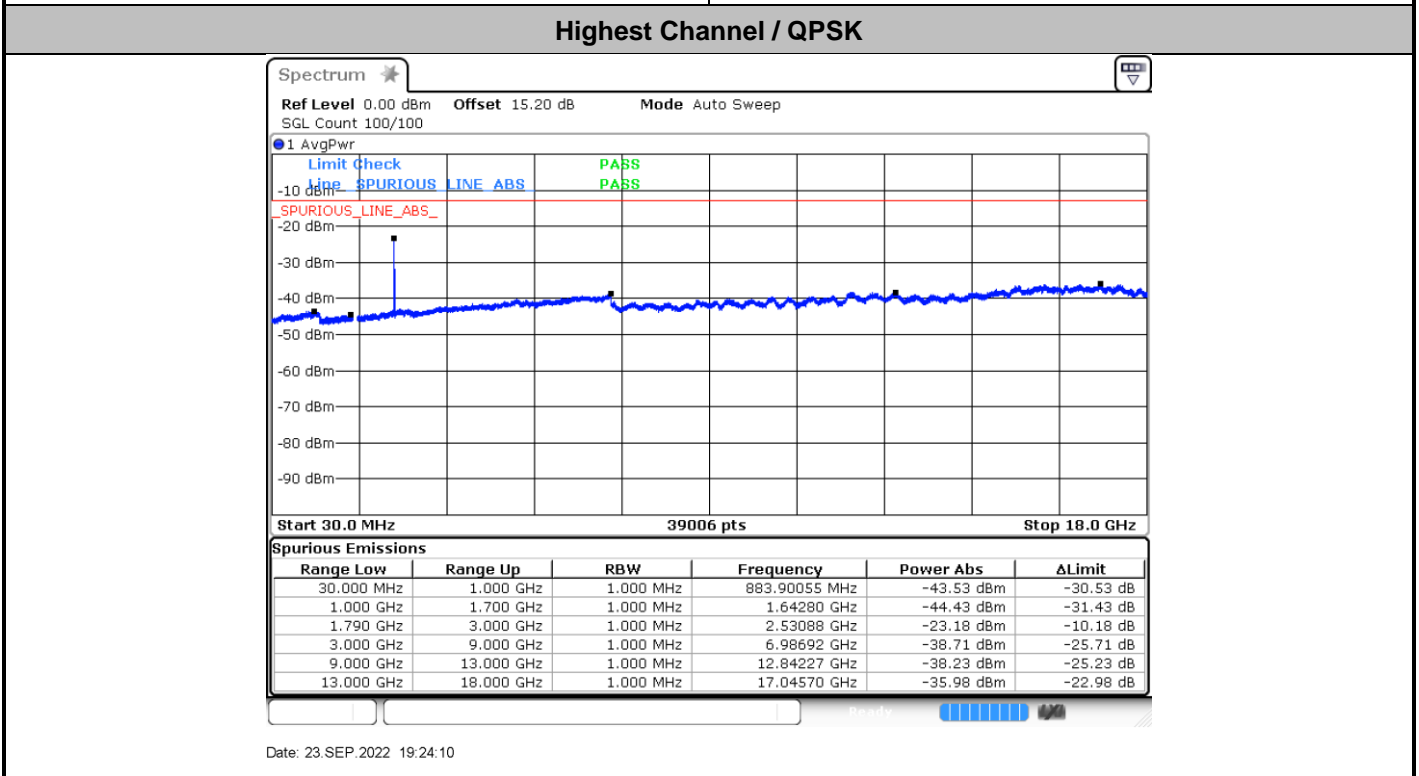
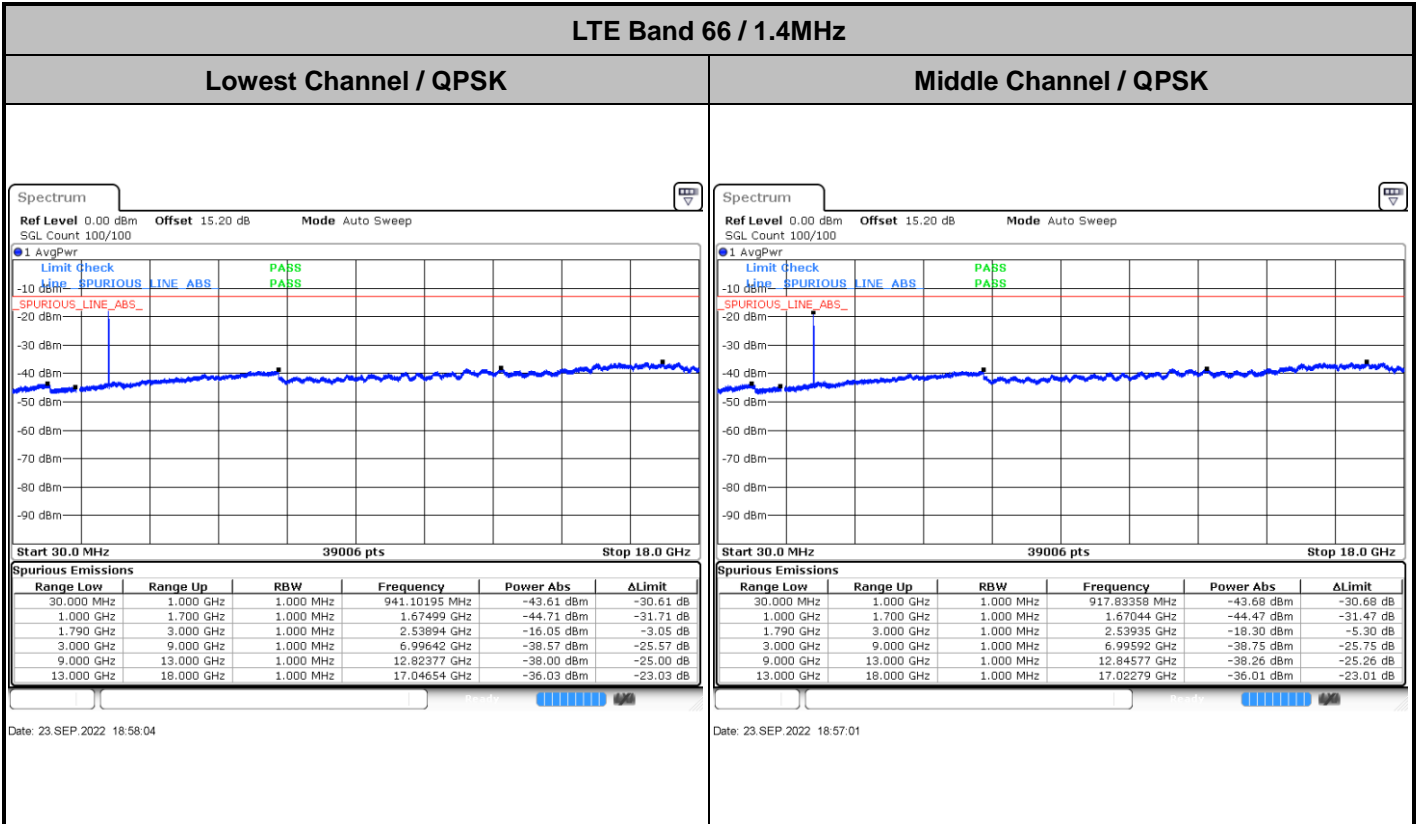
Highest Band Edge / Full RB



Date: 23.SEP.2022 15:12:38



Conducted Spurious Emission

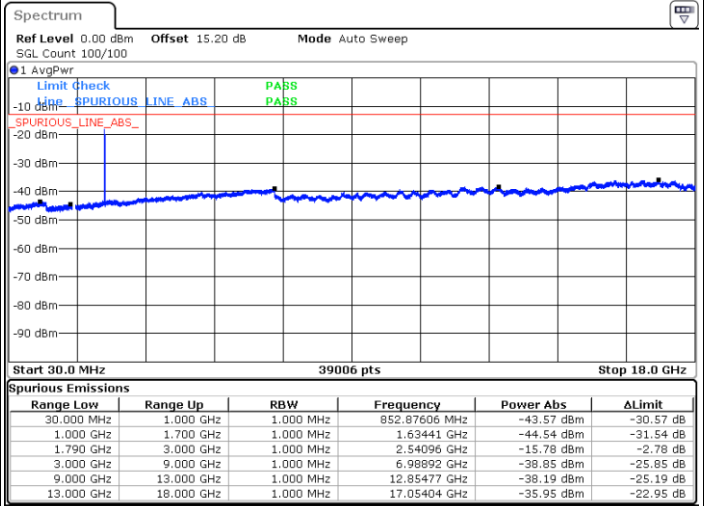
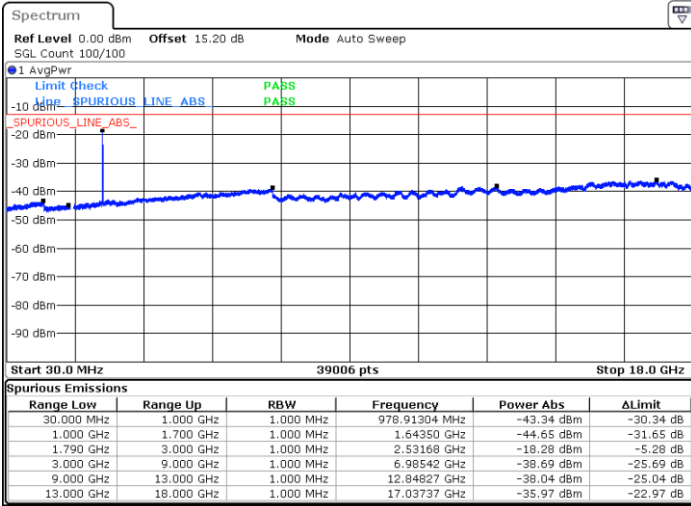




LTE Band 66 / 3MHz

Lowest Channel / QPSK

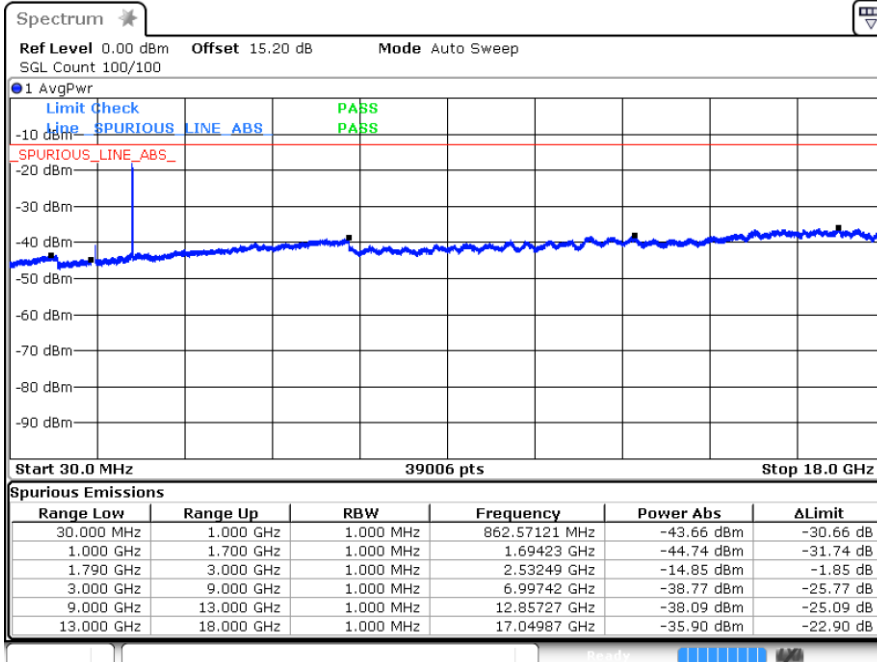
Middle Channel / QPSK



Date: 23 SEP.2022 18:22:29

Date: 23 SEP.2022 18:21:30

Highest Channel / QPSK



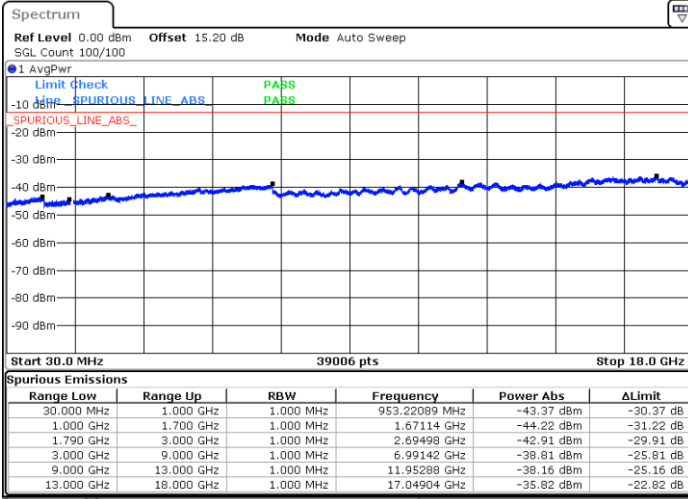
Date: 23 SEP.2022 18:50:59



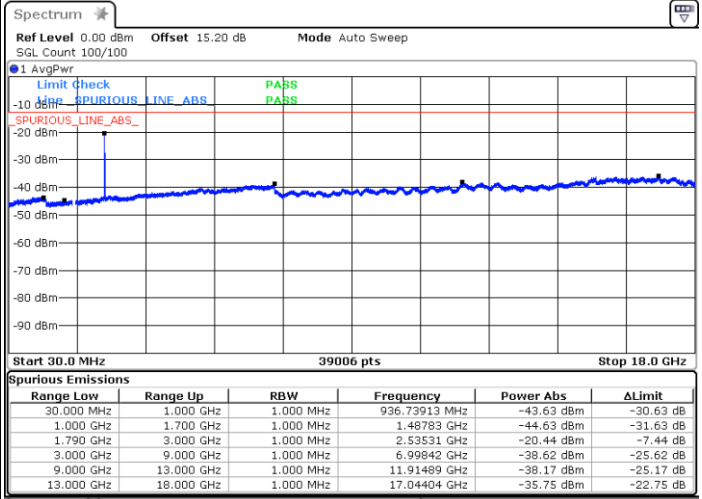
LTE Band 66 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK

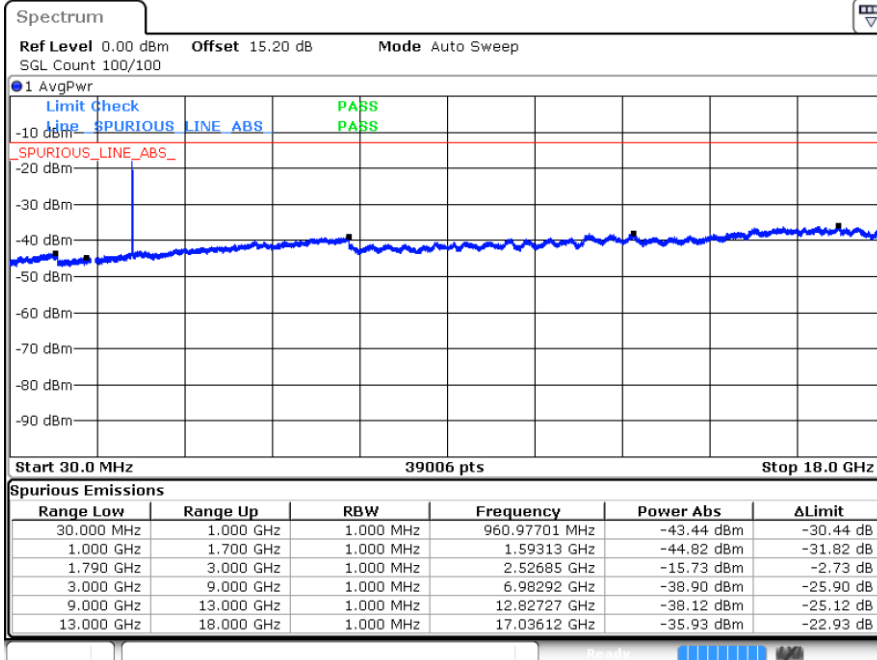


Date: 23.SEP.2022 17:04:30



Date: 23.SEP.2022 17:03:08

Highest Channel / QPSK



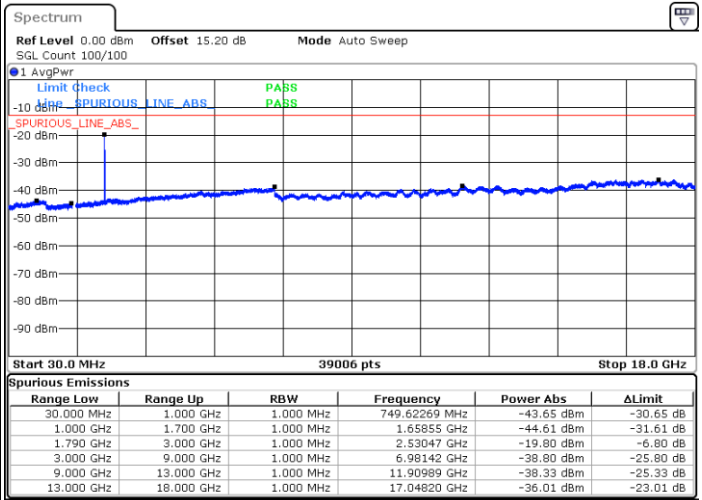
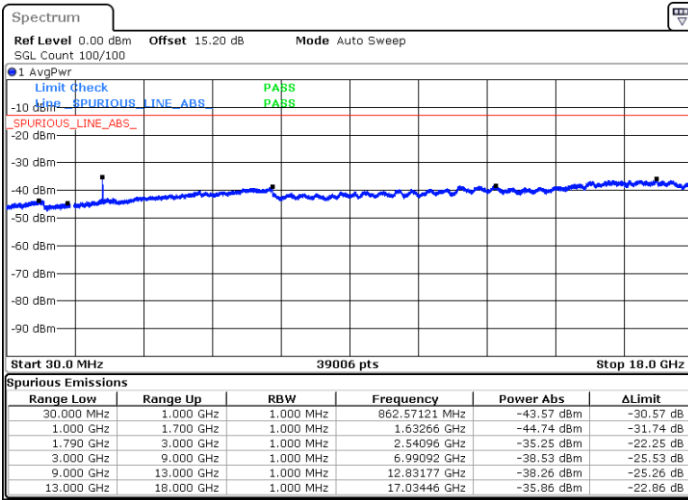
Date: 23.SEP.2022 17:28:36



LTE Band 66 / 10MHz

Lowest Channel / QPSK

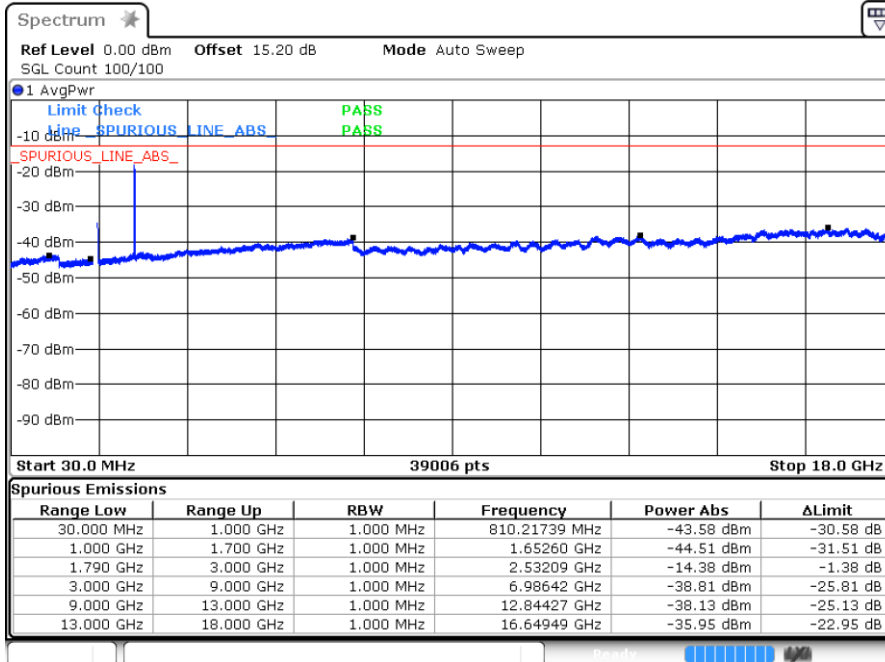
Middle Channel / QPSK



Date: 23.SEP.2022 16:28:06

Date: 23.SEP.2022 16:27:02

Highest Channel / QPSK



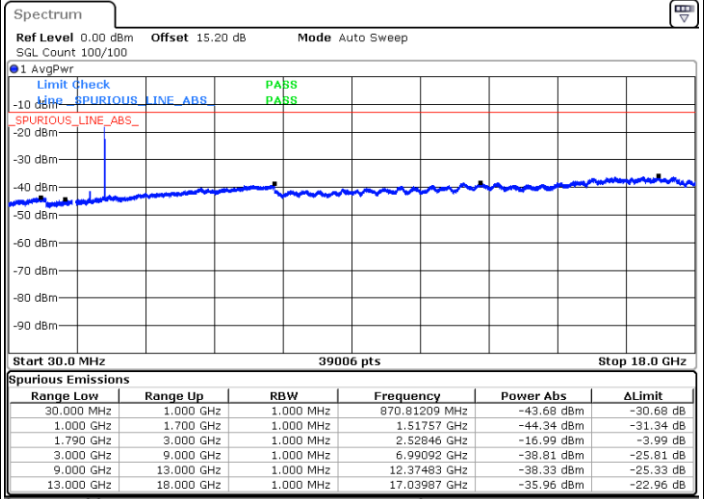
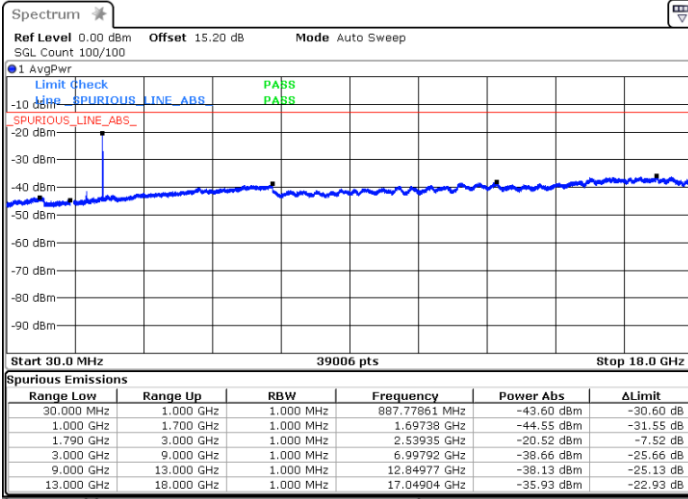
Date: 23.SEP.2022 16:35:32



LTE Band 66 / 15MHz

Lowest Channel / QPSK

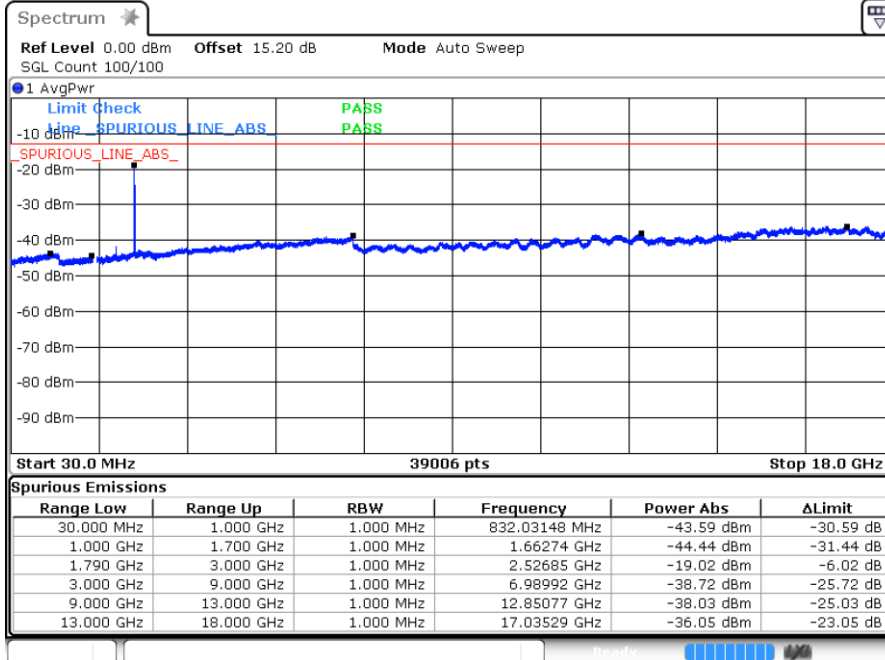
Middle Channel / QPSK



Date: 23.SEP.2022 15:24:50

Date: 23.SEP.2022 15:23:18

Highest Channel / QPSK



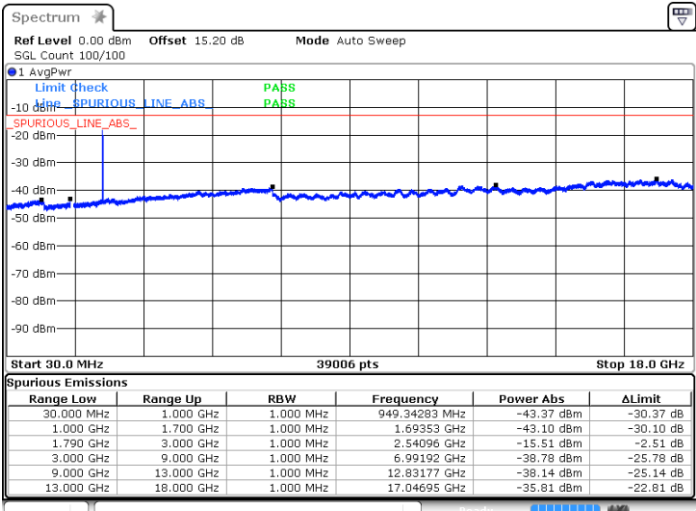
Date: 23.SEP.2022 16:22:48



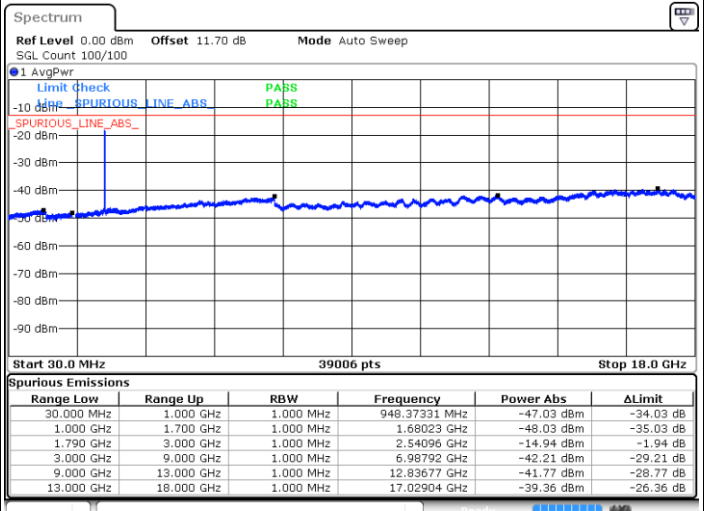
LTE Band 66 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

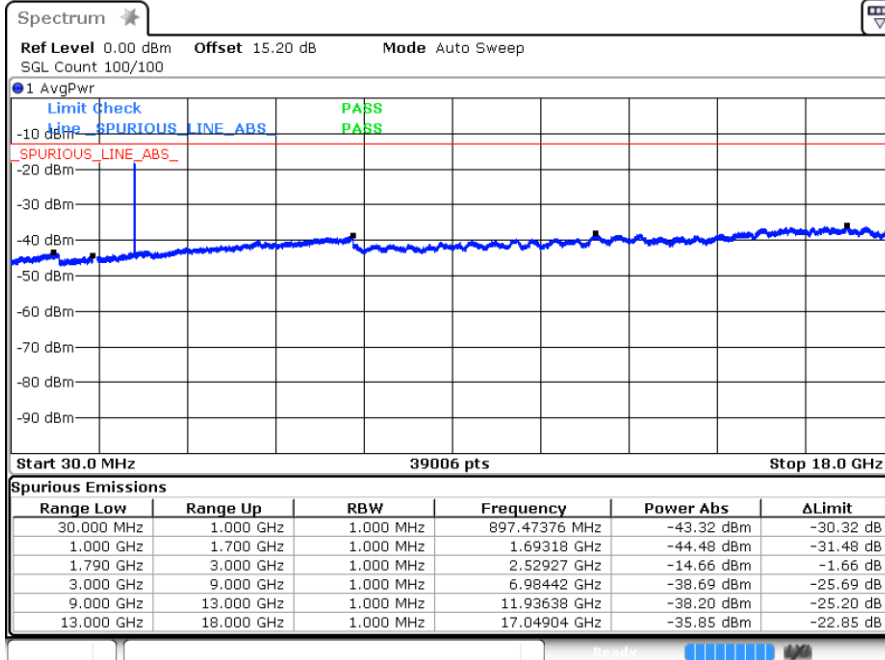


Date: 23.SEP.2022 15:06:16



Date: 23.SEP.2022 15:03:46

Highest Channel / QPSK



Date: 23.SEP.2022 15:17:33



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	0.0020	PASS
40	Normal Voltage	0.0011	
30	Normal Voltage	0.0031	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0029	
0	Normal Voltage	0.0016	
-10	Normal Voltage	0.0015	
-20	Normal Voltage	0.0024	
-30	Normal Voltage	0.0018	
20	Maximum Voltage	0.0015	
20	Normal Voltage	0.0017	
20	Battery End Point	0.0006	

Note:

1. Normal Voltage =3.89 V. ; Battery End Point (BEP) =3.6 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 :	Zhicheng Li	Temperature :	22~25°C
		Relative Humidity :	48~52%

Note: Pre-scanned harmonic for the different antenna combinations, we choose the worst antenna mode to perform final test.

LTE Band 12 / 10MHz / QPSK(ANT0)									
Channel	Frequency (MHz)	ERP (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	1406	-64.57	-13	-51.57	-72.87	-67.82	4.00	9.40	H
	2109	-65.02	-13	-52.02	-75.53	-68.59	4.88	10.60	H
	2812	-62.49	-13	-49.49	-76.09	-67.42	5.52	12.60	H
	1406	-64.56	-13	-51.56	-72.75	-67.81	4.00	9.40	V
	2109	-60.30	-13	-47.30	-71.04	-63.87	4.88	10.60	V
	2812	-62.25	-13	-49.25	-75.78	-67.18	5.52	12.60	V

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

LTE Band 13 / 5MHz / QPSK(ANT0)									
Channel	Frequency (MHz)	ERP (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	-65.91	-42.15	-23.76	-74.30	-69.16	4.00	9.40	H
	2339.25	-64.47	-13	-51.47	-75.95	-68.04	4.88	10.60	H
	3119	-62.57	-13	-49.57	-77.35	-67.50	5.52	12.60	H
	1559.5	-66.12	-42.15	-23.97	-74.28	-69.37	4.00	9.40	V
	2339.25	-64.40	-13	-51.40	-75.89	-67.97	4.88	10.60	V
	3119	-62.71	-13	-49.71	-77.30	-67.64	5.52	12.60	V

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

LTE Band 13 / 10MHz / QPSK(ANT0)									
Channel	Frequency (MHz)	ERP (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	-65.68	-42.15	-23.53	-74.07	-68.93	4.00	9.40	H
	2339.25	-64.36	-13	-51.36	-75.84	-67.93	4.88	10.60	H
	3119	-62.67	-13	-49.67	-77.45	-67.60	5.52	12.60	H
	1559.5	-65.99	-42.15	-23.84	-74.15	-69.24	4.00	9.40	V
	2339.25	-64.44	-13	-51.44	-75.93	-68.01	4.88	10.60	V
	3119	-62.76	-13	-49.76	-77.35	-67.69	5.52	12.60	V

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



LTE Band 25 / 20MHz / QPSK(ANT3)									
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	3747	-61.91	-13	-48.91	-78.56	-68.66	5.85	12.60	H
	5620.5	-60.30	-13	-47.30	-80.00	-66.10	7.30	13.10	H
	7494	-56.71	-13	-43.71	-80.44	-59.86	8.35	11.50	H
	3747	-62.20	-13	-49.20	-78.45	-68.95	5.85	12.60	V
	5620.5	-60.94	-13	-47.94	-79.94	-66.74	7.30	13.10	V
	7494	-56.15	-13	-43.15	-80.27	-59.30	8.35	11.50	V

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

LTE Band 26 / 15MHz / QPSK(ANT0)									
Channel	Frequency (MHz)	ERP (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	1649.5	-66.84	-13	-53.84	-74.12	-70.09	4.00	9.40	H
	2474.5	-63.94	-13	-50.94	-75.56	-67.51	4.88	10.60	H
	3299	-61.83	-13	-48.83	-76.71	-66.76	5.52	12.60	H
	1649.5	-67.18	-13	-54.18	-74.51	-70.43	4.00	9.40	V
	2474.5	-63.76	-13	-50.76	-75.41	-67.33	4.88	10.60	V
	3299	-61.76	-13	-48.76	-76.56	-66.69	5.52	12.60	V

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

LTE Band 66 / 20MHz / QPSK(ANT3)									
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	-59.00	-13	-46.00	-74.28	-65.85	5.65	12.50	H
	5208	-45.64	-13	-32.64	-65.17	-51.31	7.13	12.80	H
	6944	-55.10	-13	-42.10	-77.28	-58.50	8.40	11.80	H
	3472	-62.47	-13	-49.47	-77.78	-69.32	5.65	12.50	V
	5208	-51.04	-13	-38.04	-70.18	-56.71	7.13	12.80	V
	6944	-56.99	-13	-43.99	-79.44	-60.39	8.40	11.80	V

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