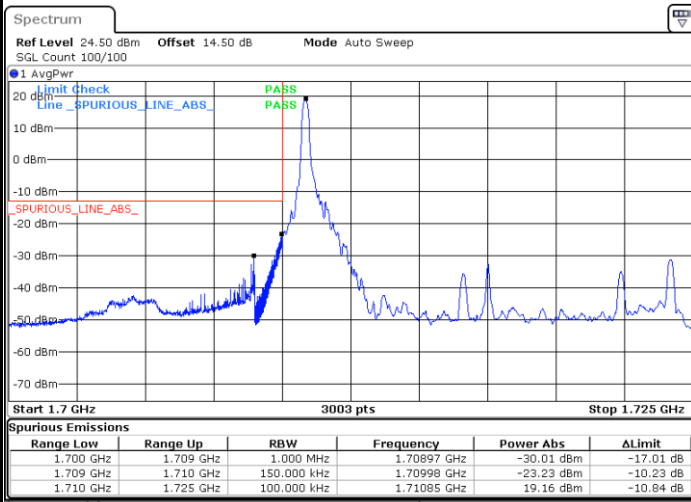




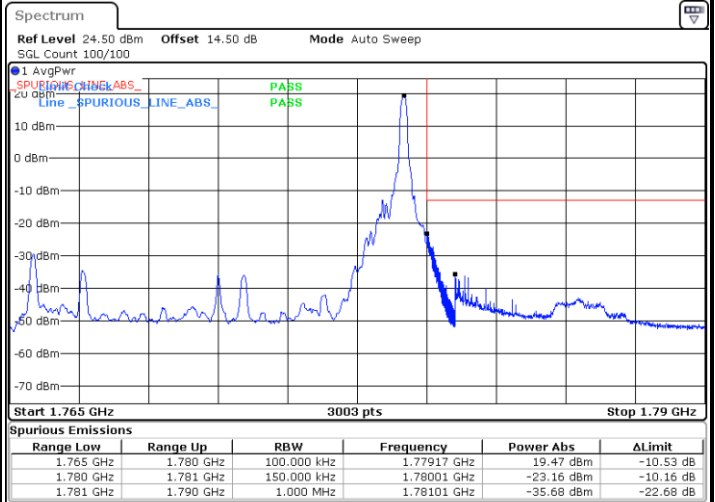
LTE Band 66 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



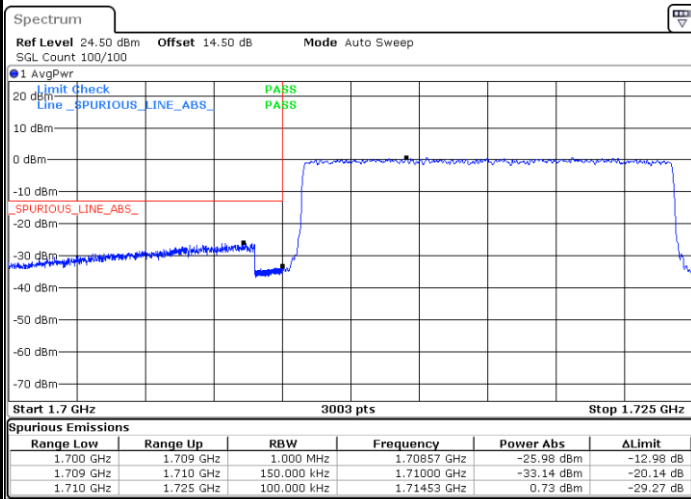
Date: 8 JUL 2022 11:42:30

Highest Band Edge / 1 RB



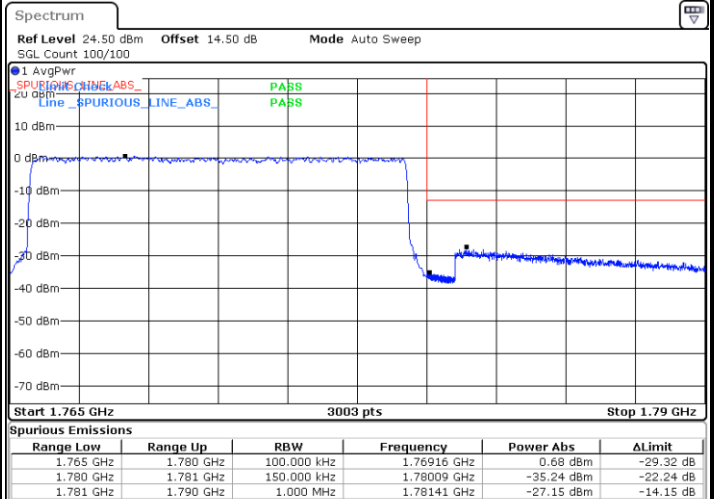
Date: 8 JUL 2022 11:56:46

Lowest Band Edge / Full RB



Date: 8 JUL 2022 11:45:16

Highest Band Edge / Full RB

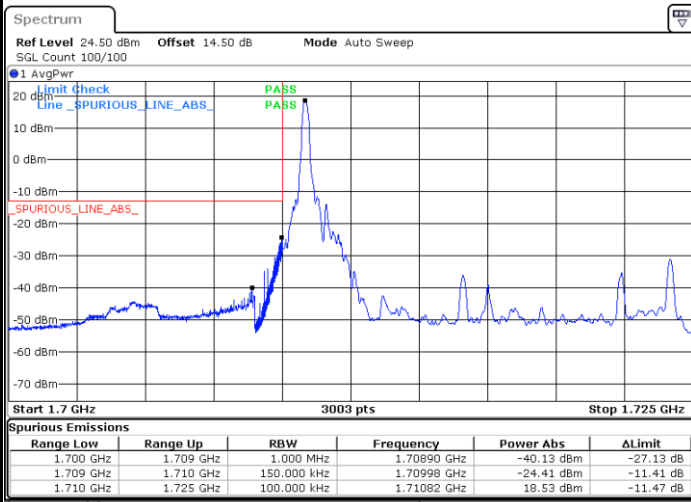


Date: 8 JUL 2022 11:59:31



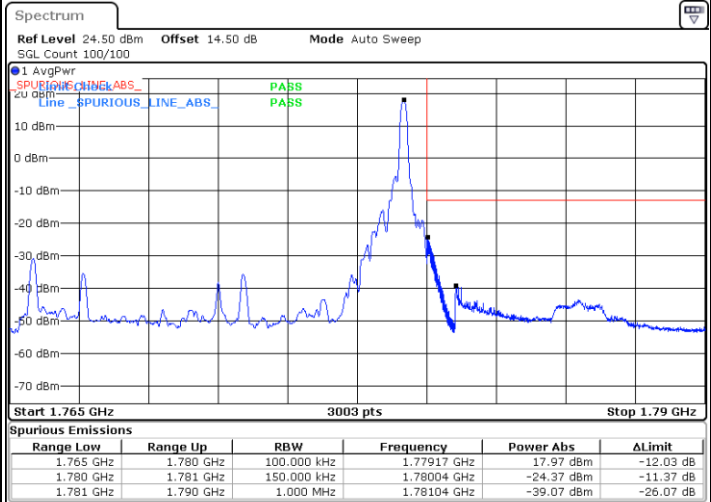
LTE Band 66 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



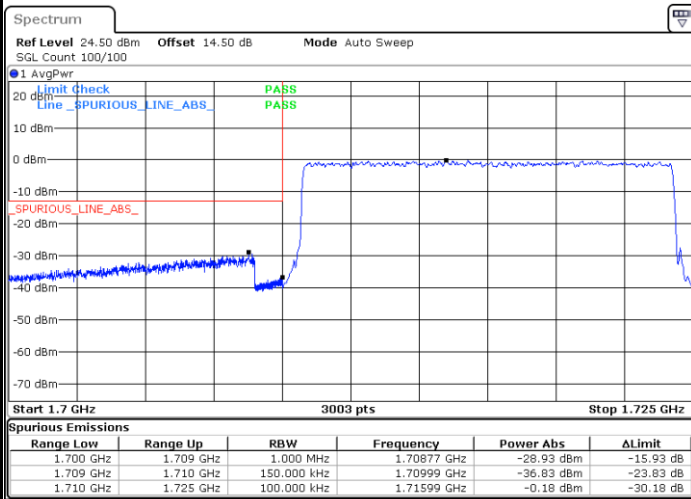
Date: 8 JUL 2022 11:28:34

Highest Band Edge / 1 RB



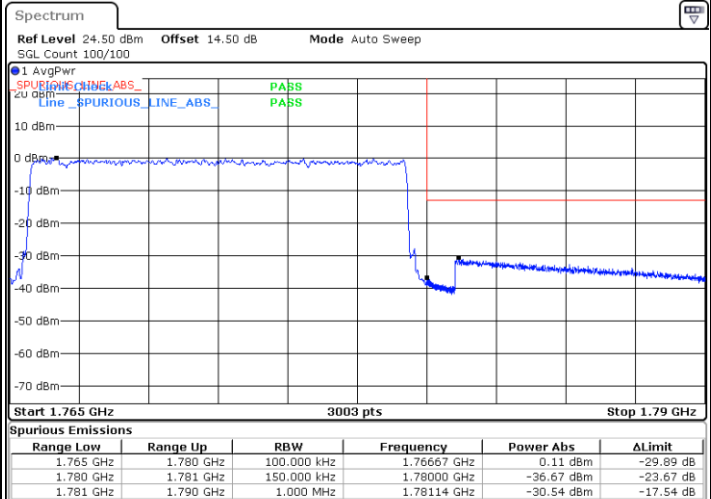
Date: 8 JUL 2022 11:35:23

Lowest Band Edge / Full RB



Date: 8 JUL 2022 11:29:57

Highest Band Edge / Full RB

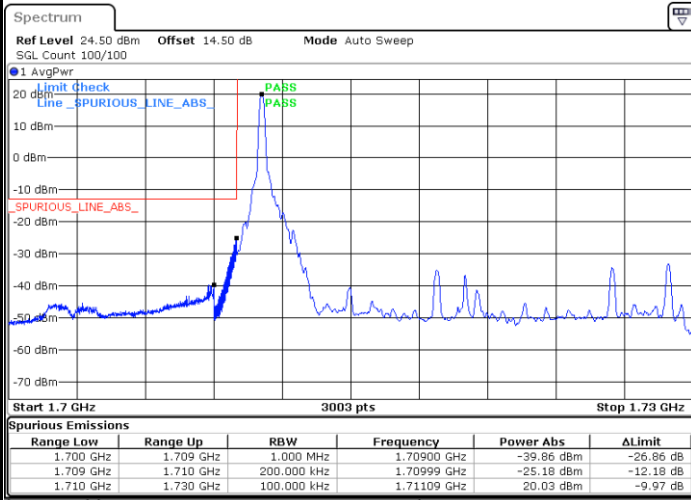


Date: 8 JUL 2022 11:36:45



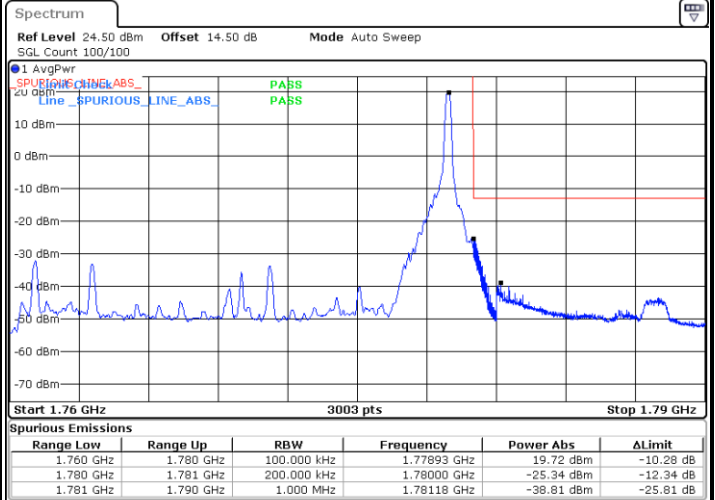
LTE Band 66 / 20MHz / QPSK

Lowest Band Edge / 1 RB



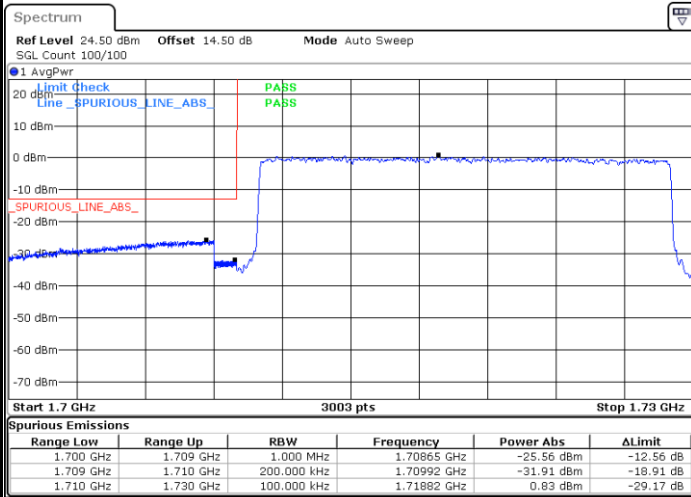
Date: 8 JUL 2022 12:05:17

Highest Band Edge / 1 RB



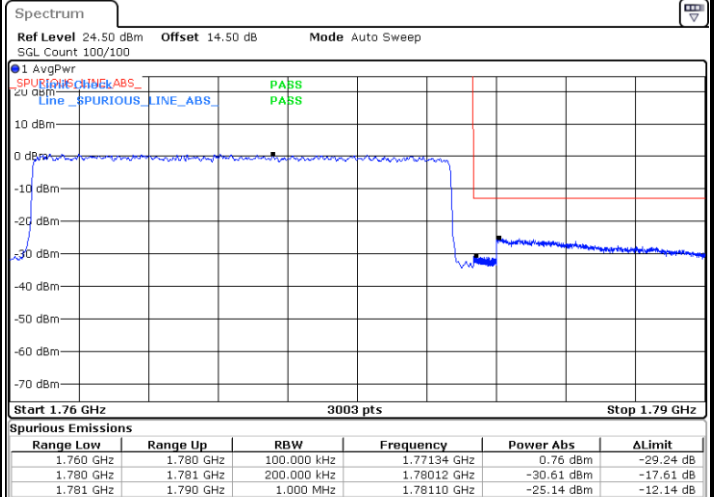
Date: 8 JUL 2022 12:19:32

Lowest Band Edge / Full RB



Date: 8 JUL 2022 12:08:01

Highest Band Edge / Full RB

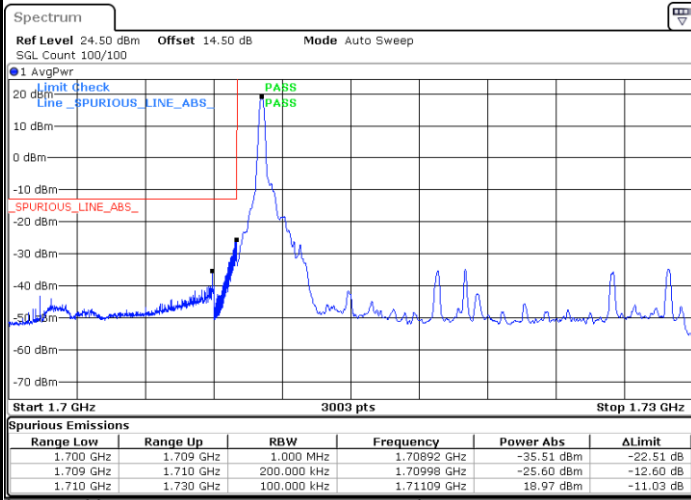


Date: 8 JUL 2022 12:22:17



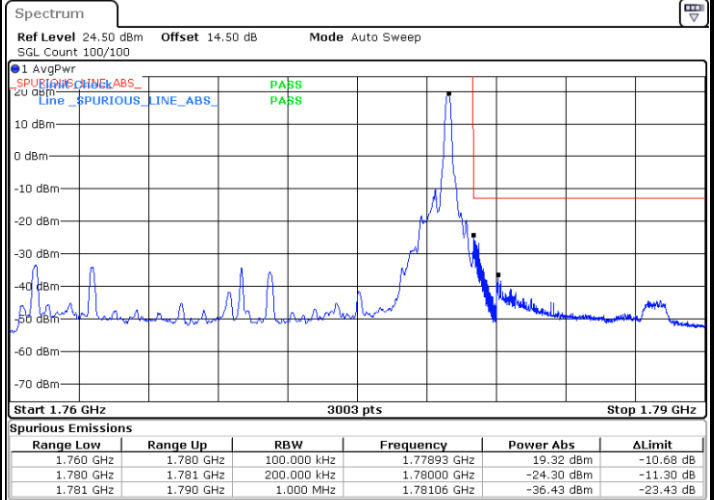
LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



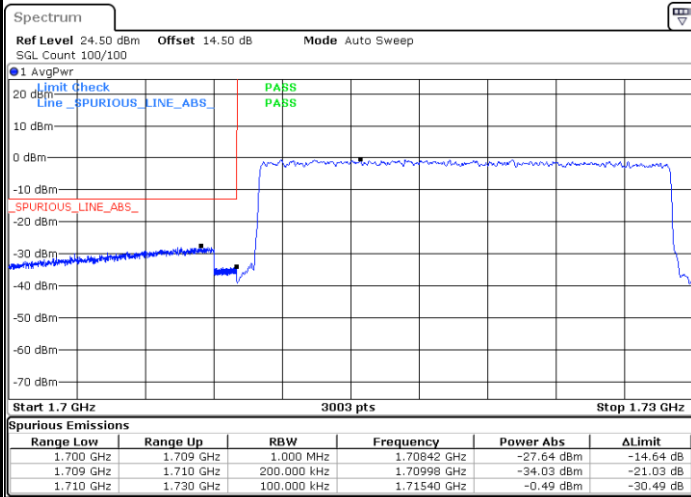
Date: 8 JUL 2022 12:06:39

Highest Band Edge / 1 RB



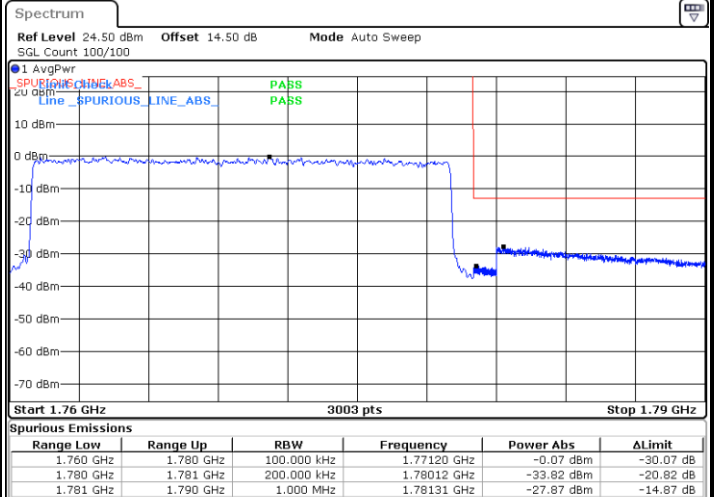
Date: 8 JUL 2022 12:20:55

Lowest Band Edge / Full RB



Date: 8 JUL 2022 12:09:24

Highest Band Edge / Full RB

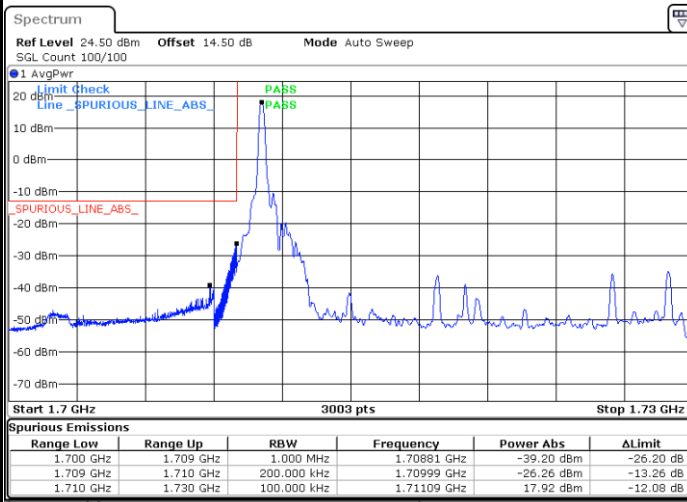


Date: 8 JUL 2022 12:23:39



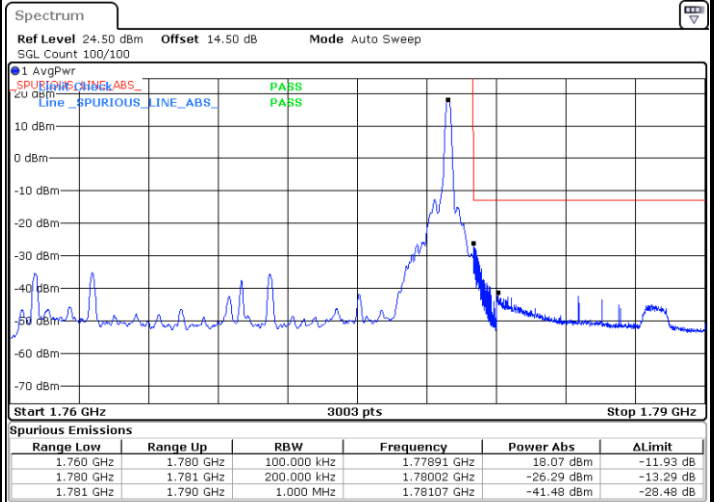
LTE Band 66 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



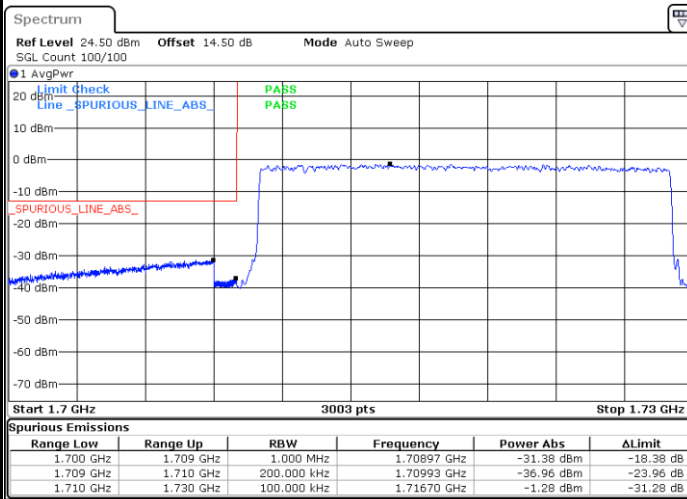
Date: 8 JUL 2022 12:28:27

Highest Band Edge / 1 RB



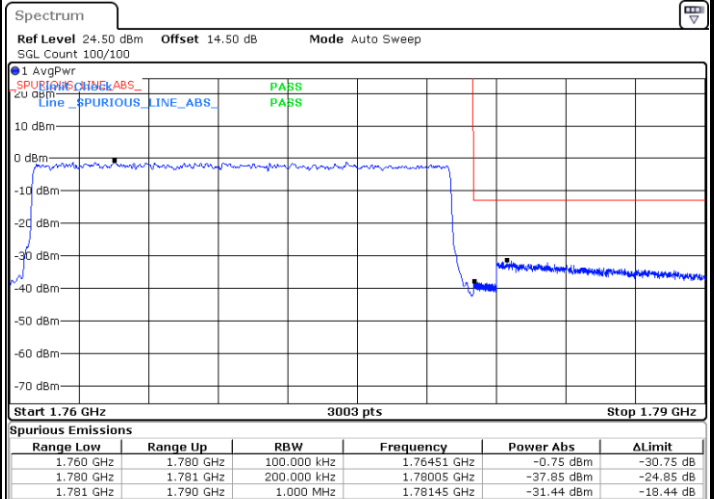
Date: 8 JUL 2022 12:35:16

Lowest Band Edge / Full RB



Date: 8 JUL 2022 12:29:49

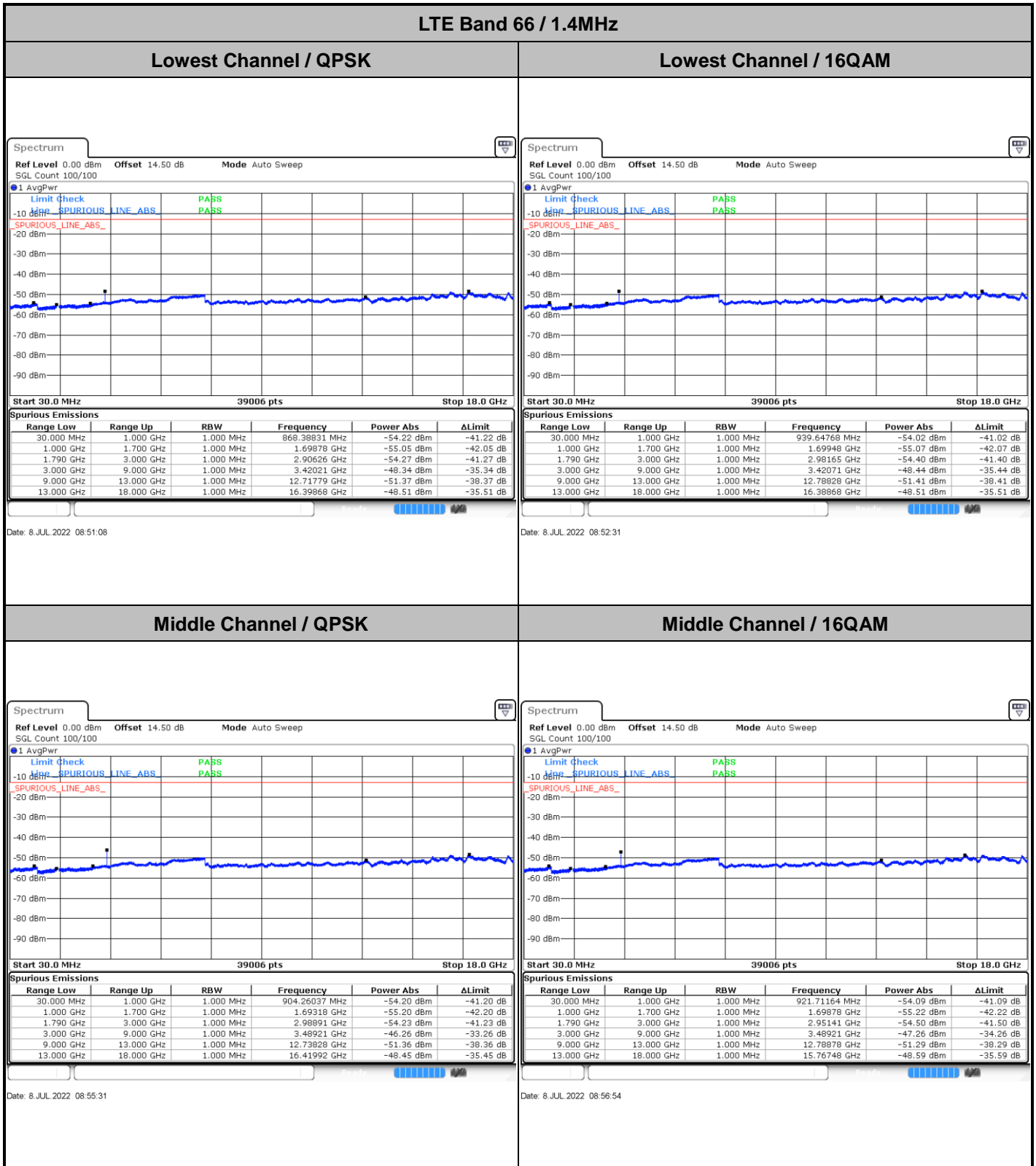
Highest Band Edge / Full RB



Date: 8 JUL 2022 12:36:38



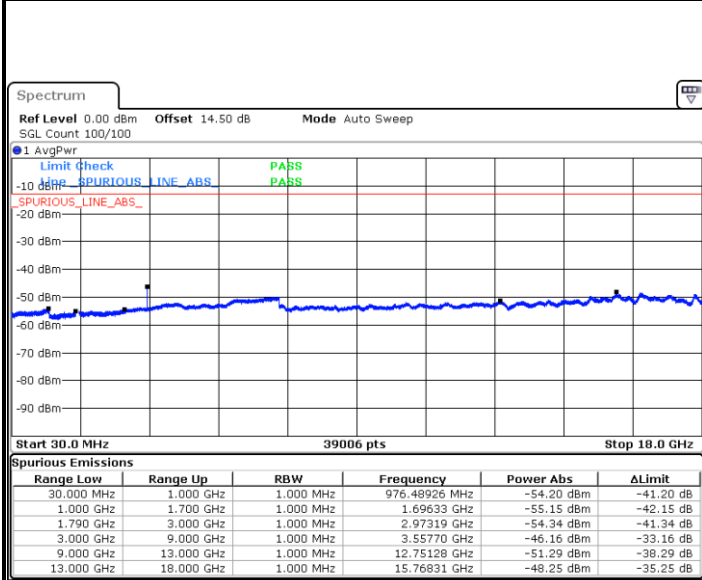
Conducted Spurious Emission





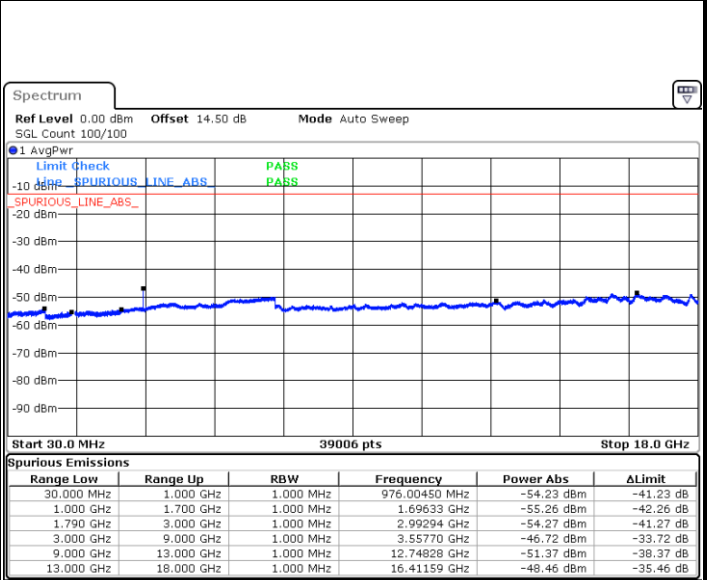
LTE Band 66 / 1.4MHz

Highest Channel / QPSK



Date: 8 JUL 2022 09:05:24

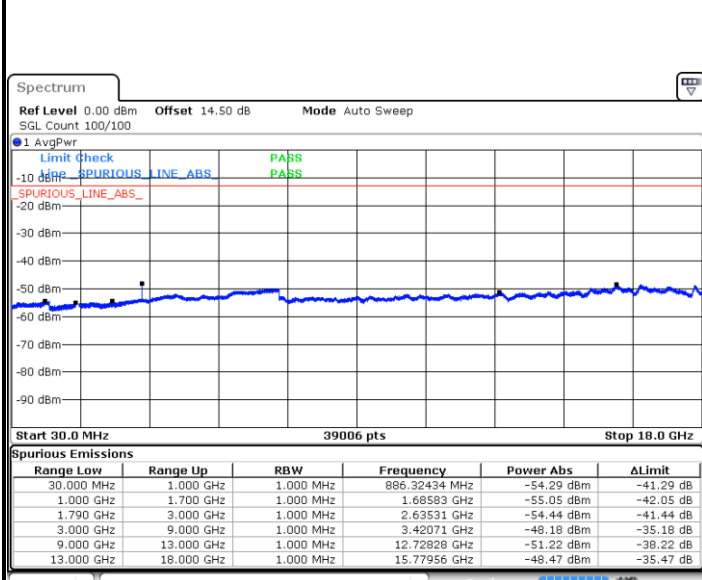
Highest Channel / 16QAM



Date: 8 JUL 2022 09:06:46

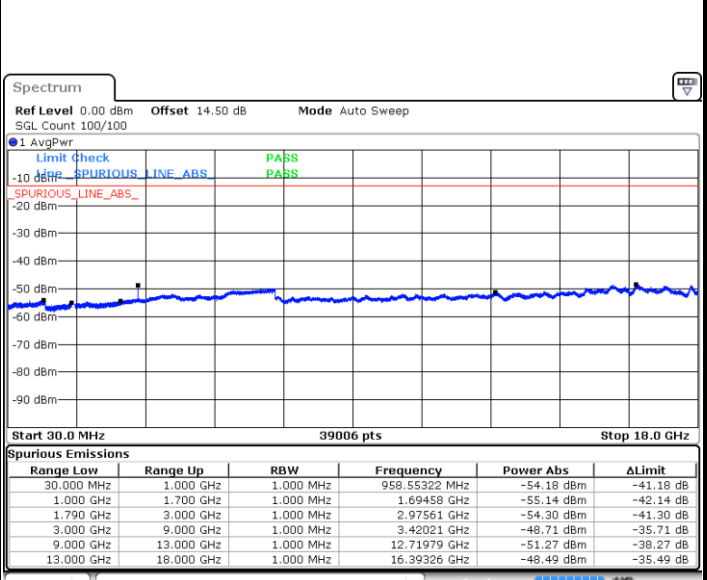
LTE Band 66 / 3MHz

Lowest Channel / QPSK



Date: 8 JUL 2022 09:26:53

Lowest Channel / 16QAM



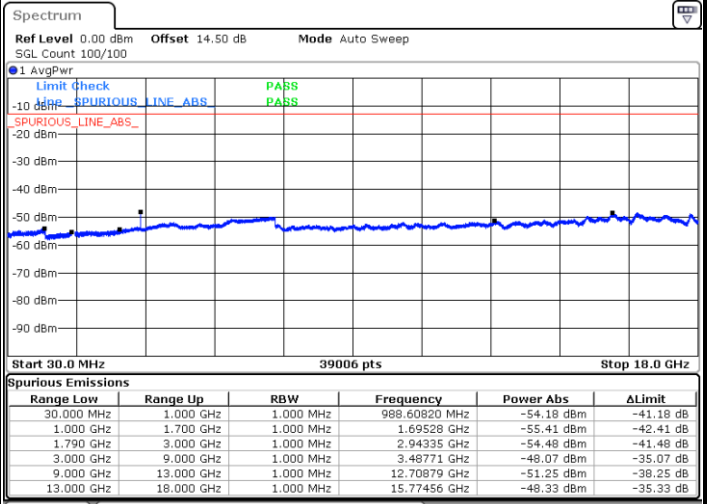
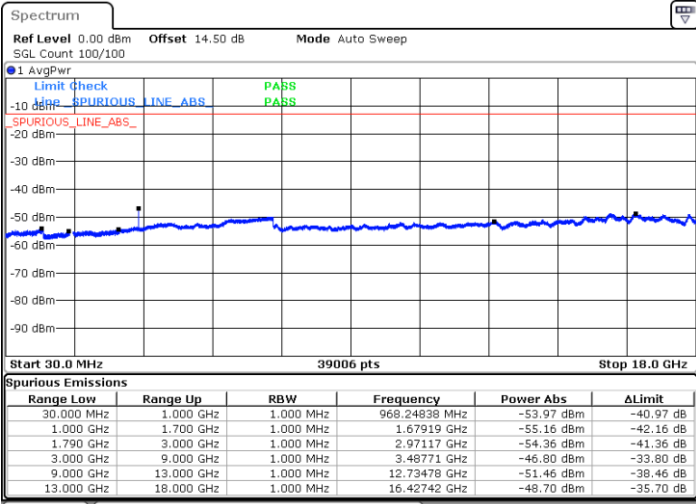
Date: 8 JUL 2022 09:28:15



LTE Band 66 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

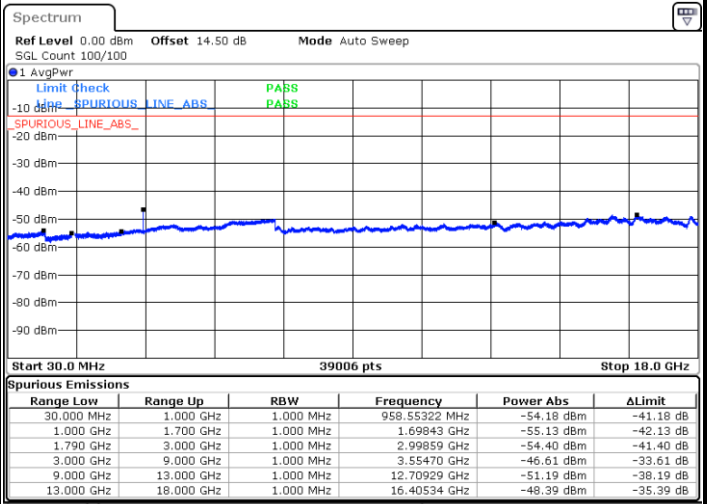
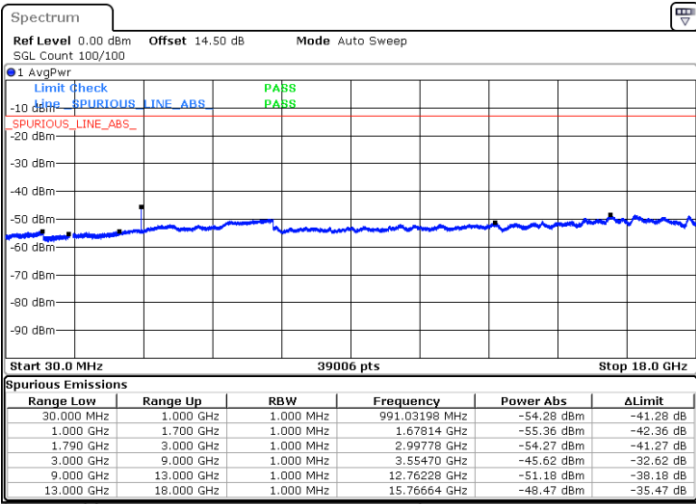


Date: 8 JUL 2022 09:31:15

Date: 8 JUL 2022 09:52:57

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 8 JUL 2022 10:02:03

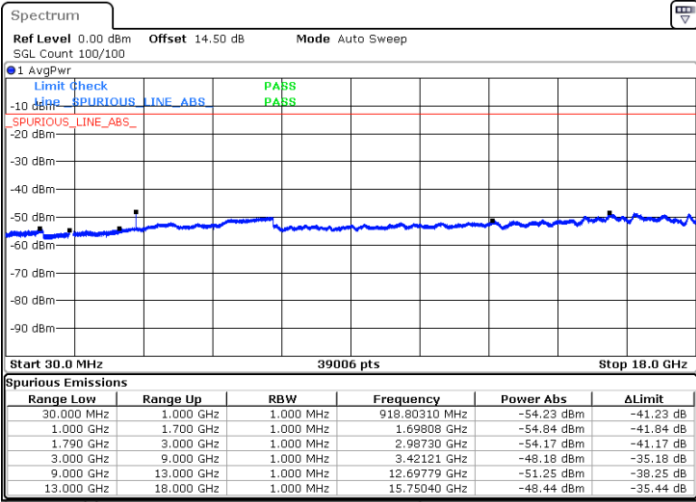
Date: 8 JUL 2022 10:03:25



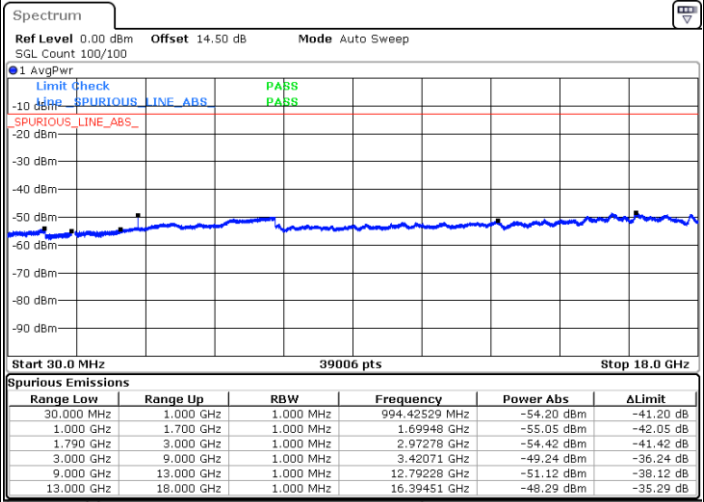
LTE Band 66 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



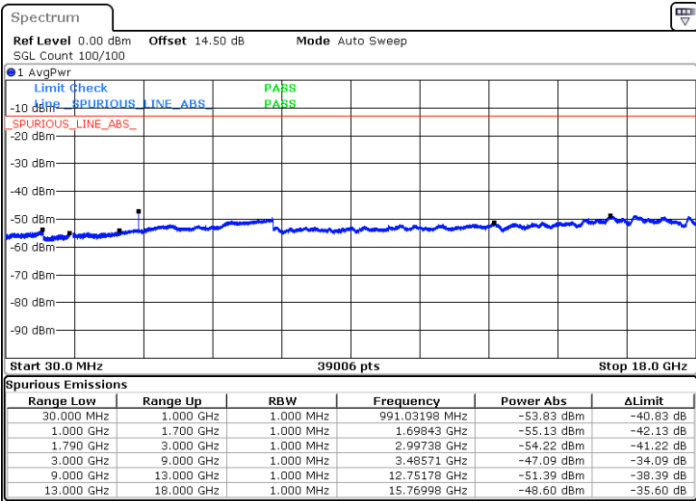
Date: 8 JUL 2022 10:35:08



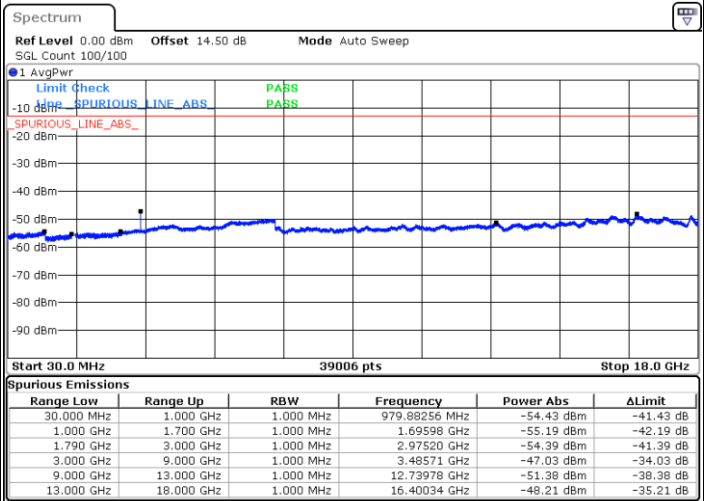
Date: 8 JUL 2022 10:36:30

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 8 JUL 2022 10:39:31

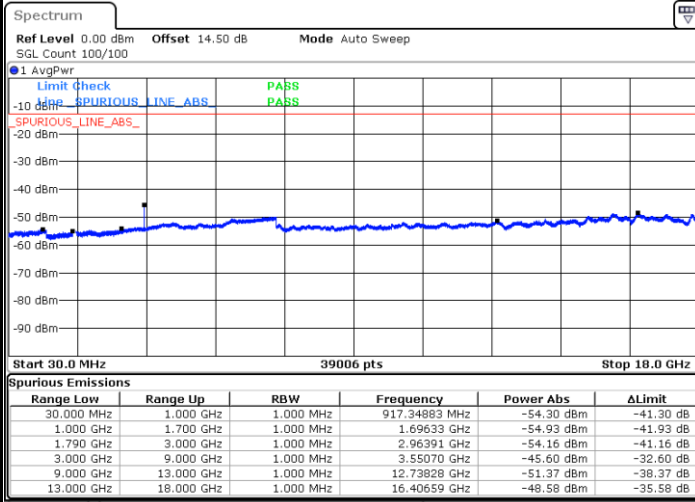


Date: 8 JUL 2022 10:40:54



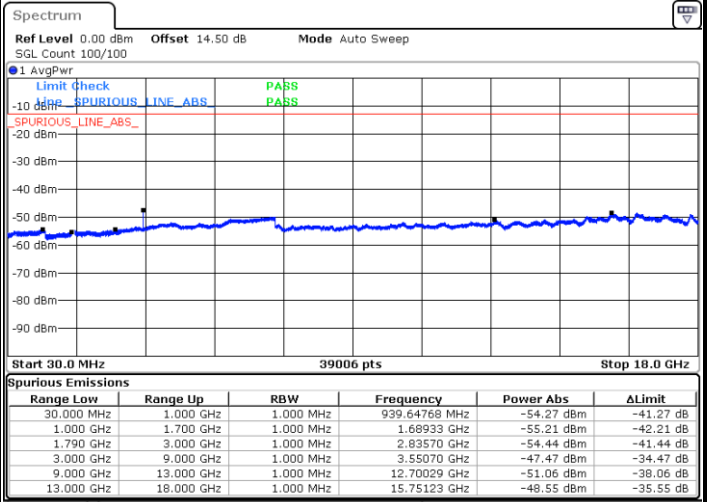
LTE Band 66 / 5MHz

Highest Channel / QPSK



Date: 8 JUL 2022 10:49:24

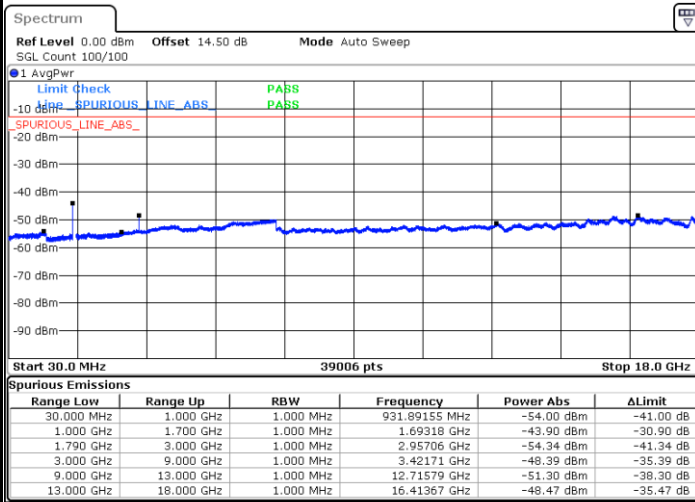
Highest Channel / 16QAM



Date: 8 JUL 2022 10:50:47

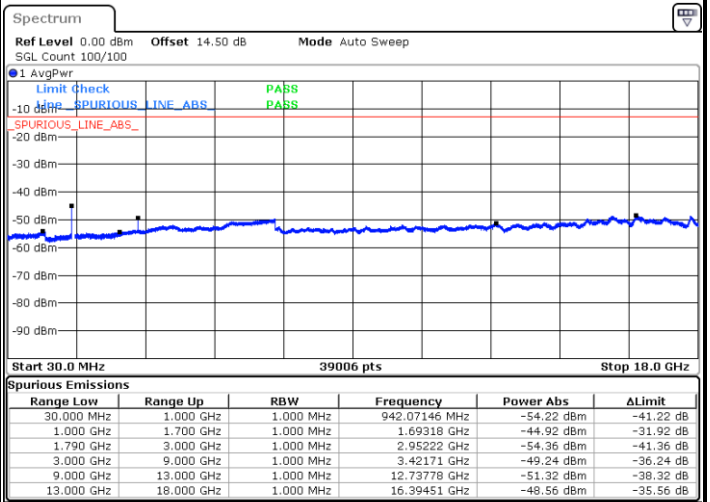
LTE Band 66 / 10MHz

Lowest Channel / QPSK



Date: 8 JUL 2022 10:59:17

Lowest Channel / 16QAM



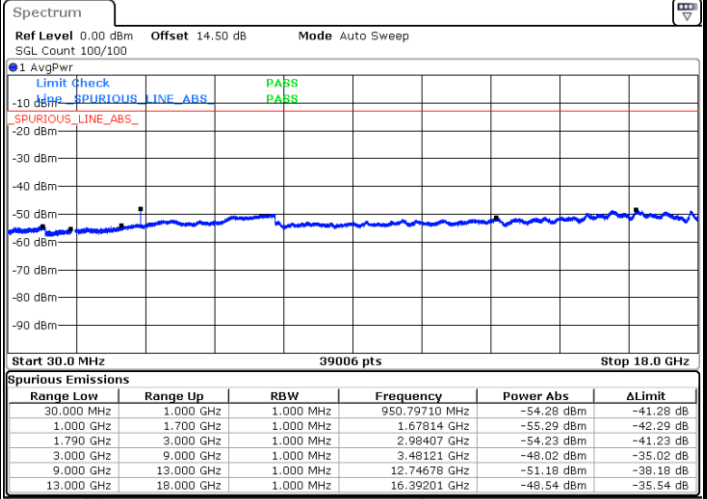
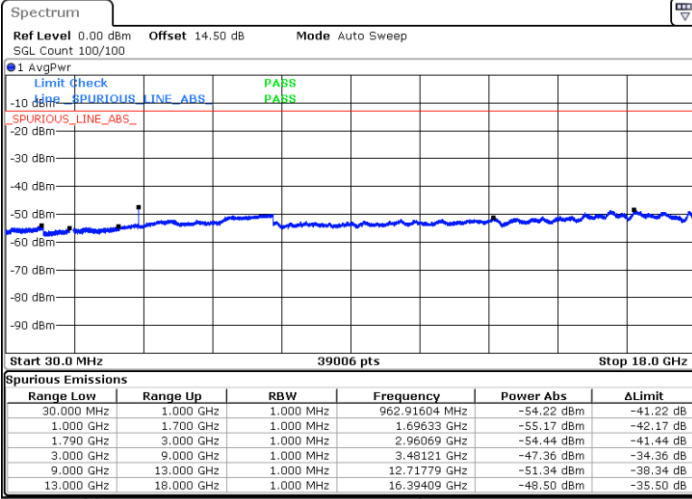
Date: 8 JUL 2022 11:00:40



LTE Band 66 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

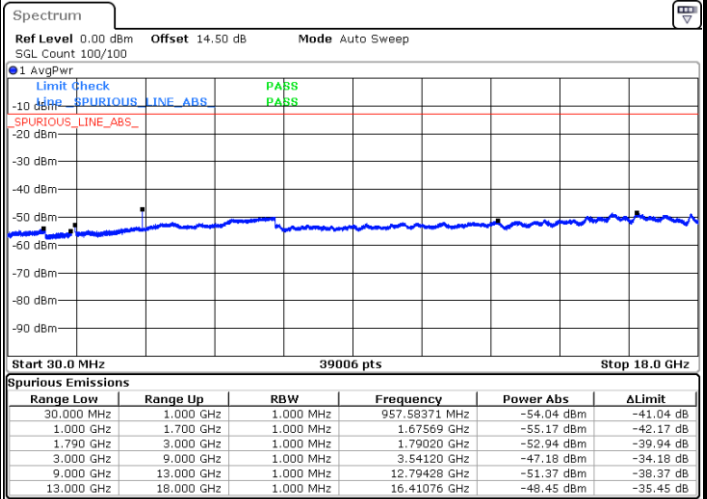
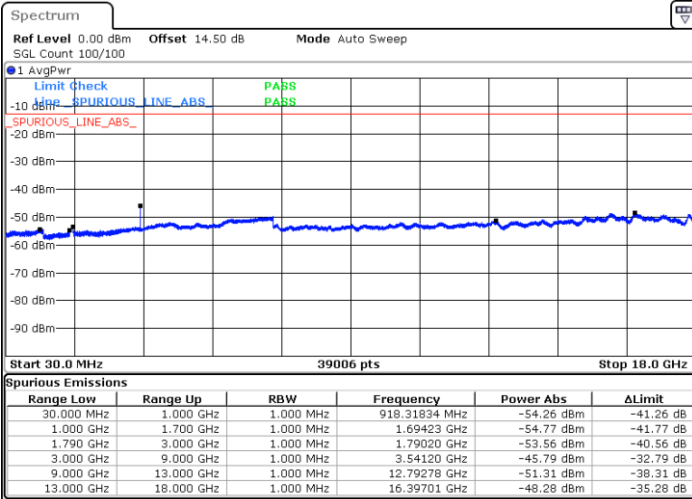


Date: 8 JUL 2022 11:03:40

Date: 8 JUL 2022 11:05:03

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 8 JUL 2022 11:13:33

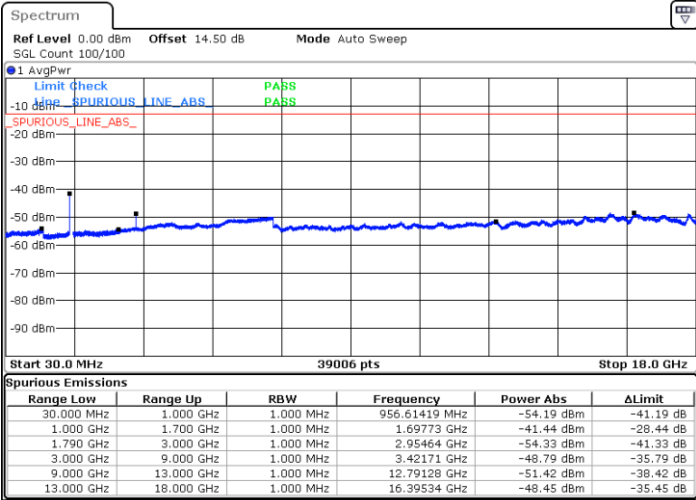
Date: 8 JUL 2022 11:14:56



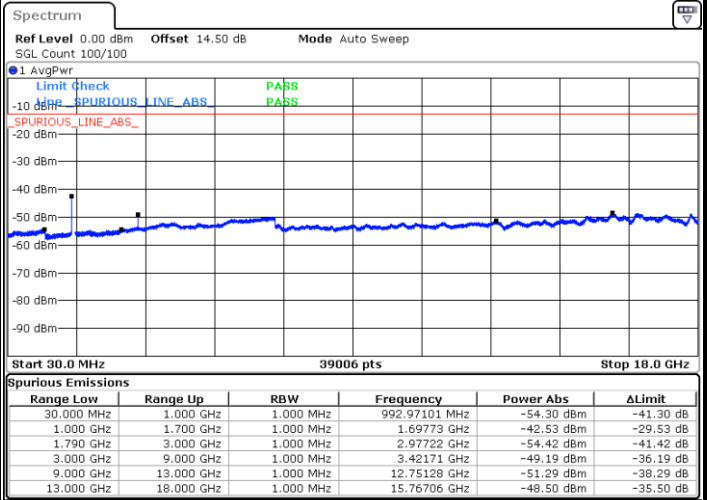
LTE Band 66 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



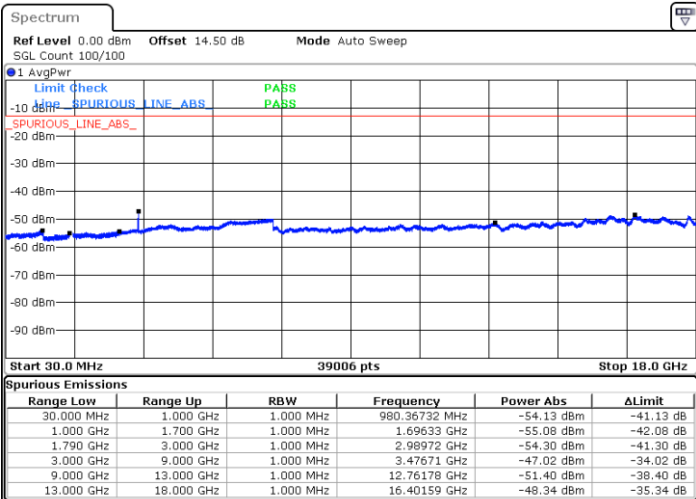
Date: 8 JUL 2022 11:46:38



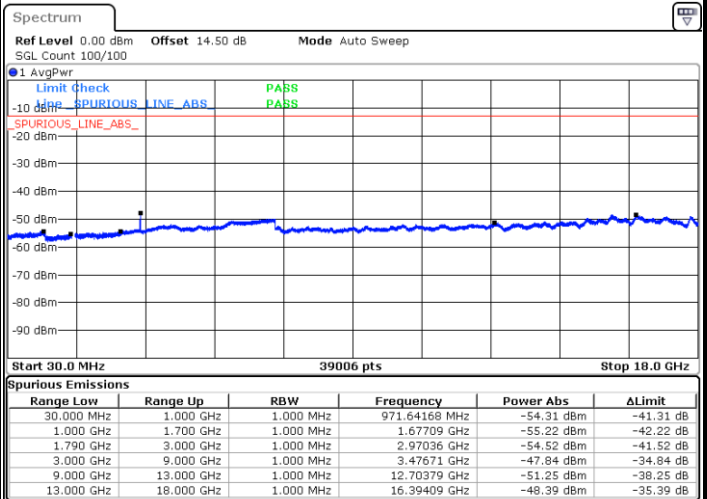
Date: 8 JUL 2022 11:48:01

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 8 JUL 2022 11:51:01

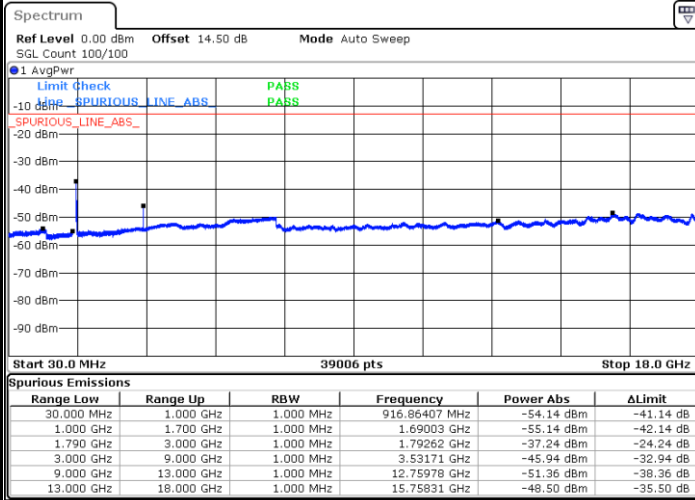


Date: 8 JUL 2022 11:52:24



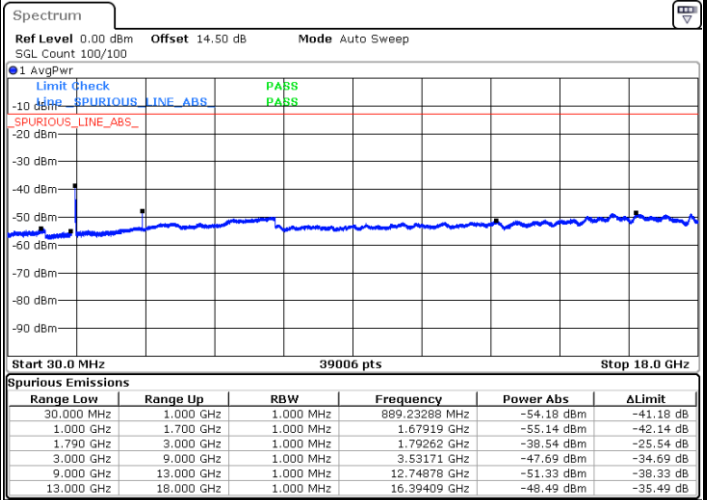
LTE Band 66 / 15MHz

Highest Channel / QPSK



Date: 8 JUL 2022 12:00:54

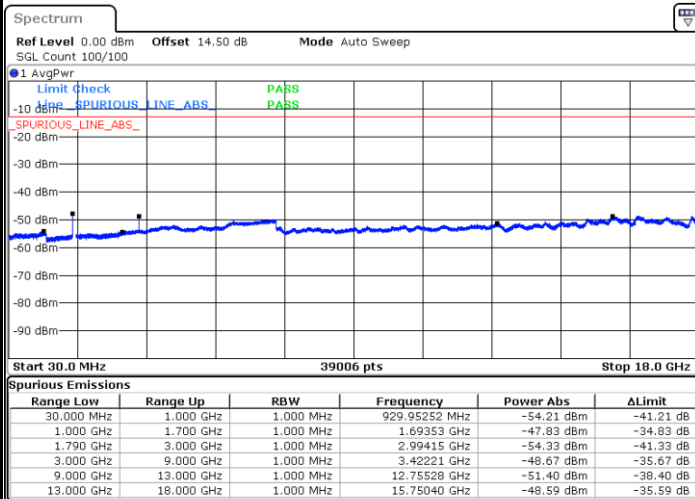
Highest Channel / 16QAM



Date: 8 JUL 2022 12:02:16

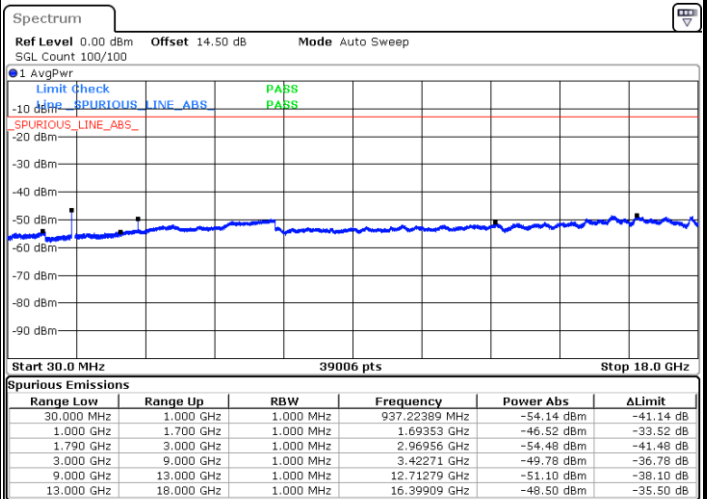
LTE Band 66 / 20MHz

Lowest Channel / QPSK



Date: 8 JUL 2022 12:10:46

Lowest Channel / 16QAM



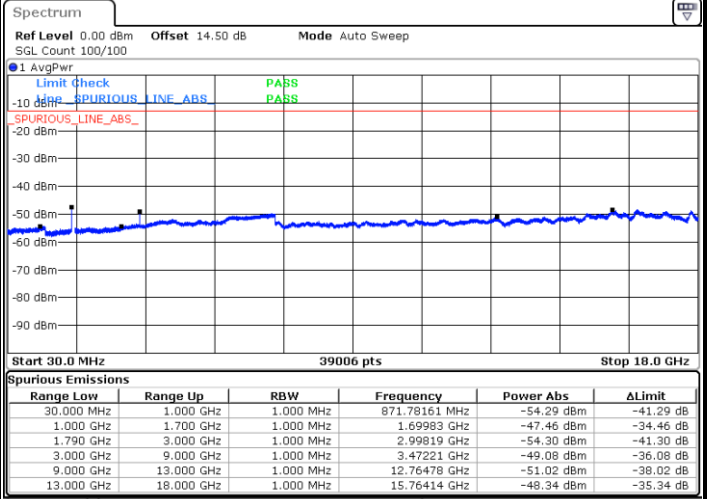
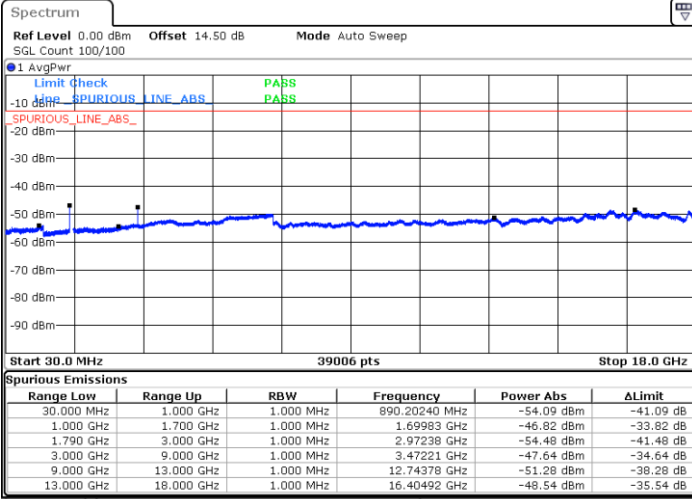
Date: 8 JUL 2022 12:12:09



LTE Band 66 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

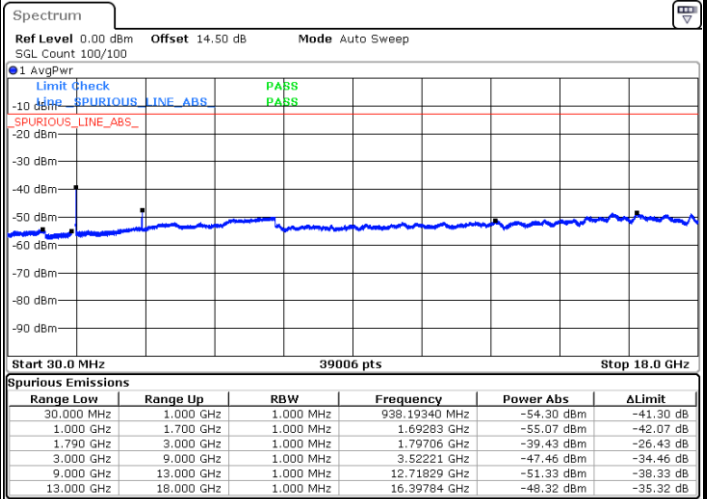
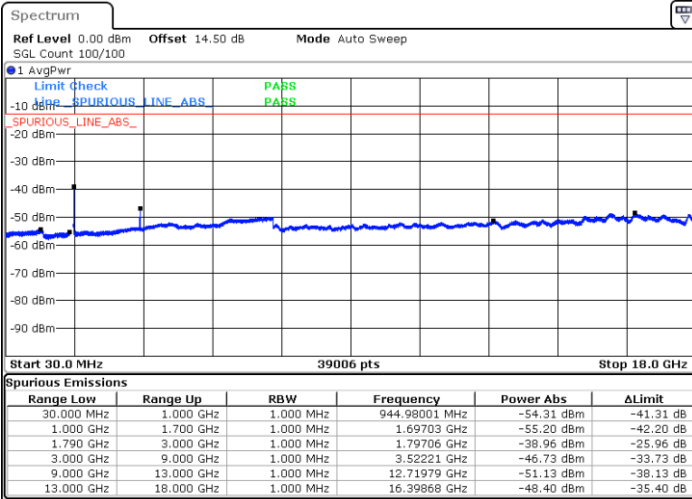


Date: 8 JUL 2022 12:15:09

Date: 8 JUL 2022 12:16:32

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 8 JUL 2022 12:25:02

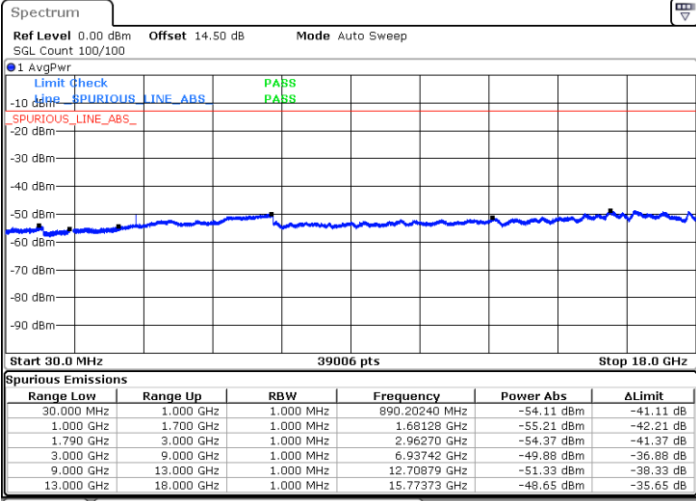
Date: 8 JUL 2022 12:26:25



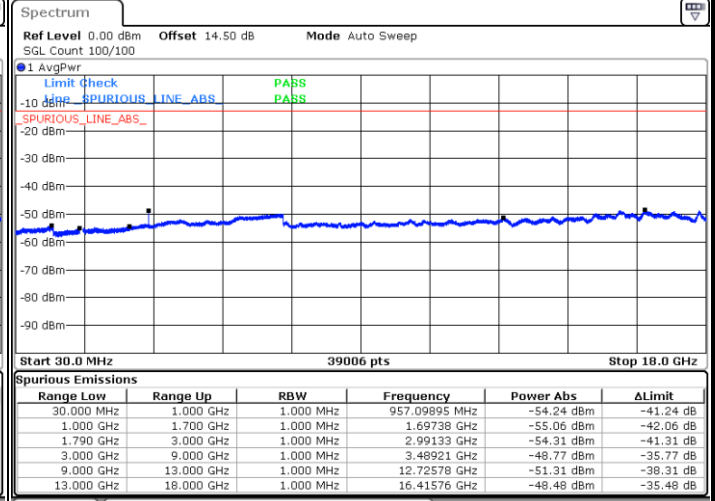
LTE Band 66 / 1.4MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

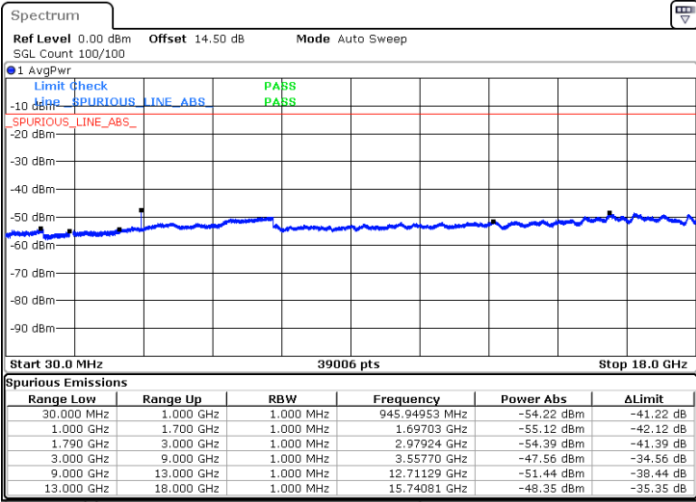


Date: 8 JUL 2022 09:11:33



Date: 8 JUL 2022 09:13:35

Highest Channel / 64QAM



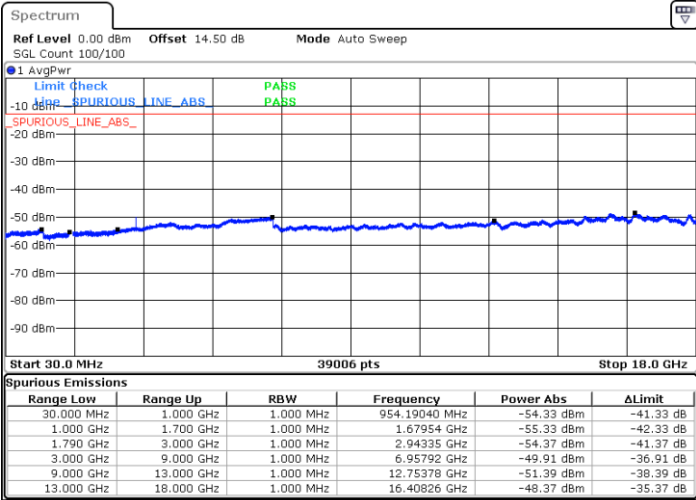
Date: 8 JUL 2022 09:18:22



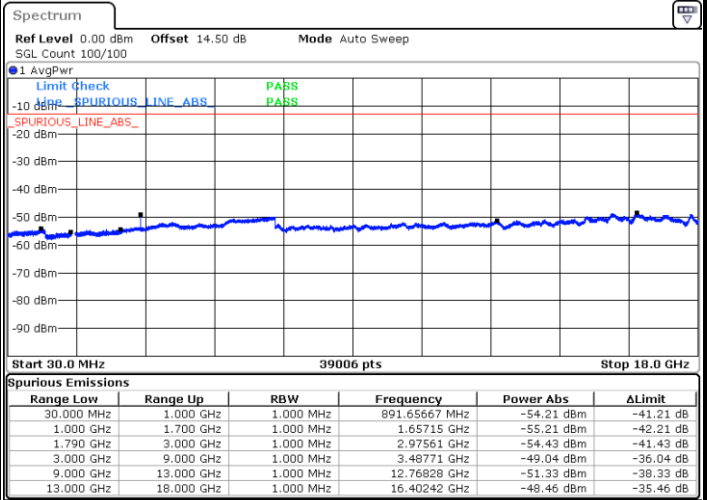
LTE Band 66 / 3MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

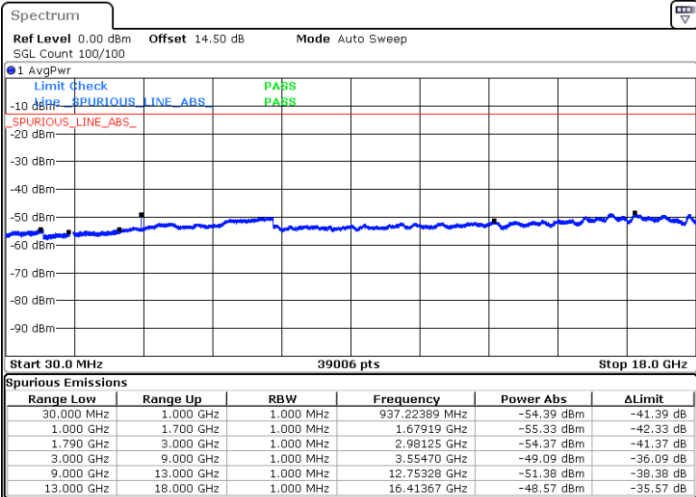


Date: 8 JUL 2022 10:08:12



Date: 8 JUL 2022 10:10:14

Highest Channel / 64QAM



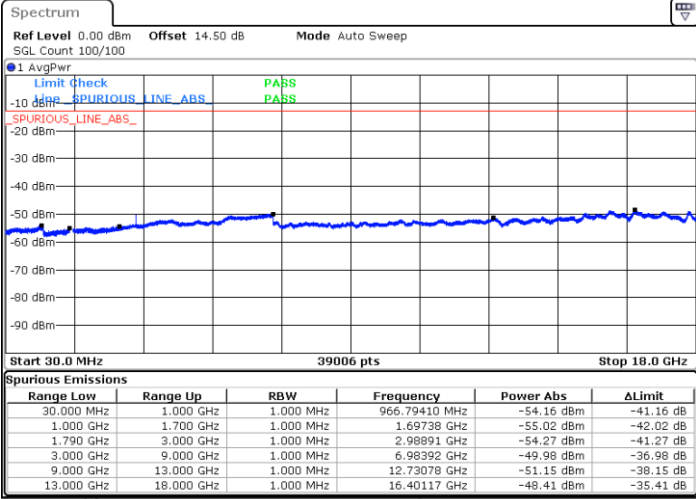
Date: 8 JUL 2022 10:15:01



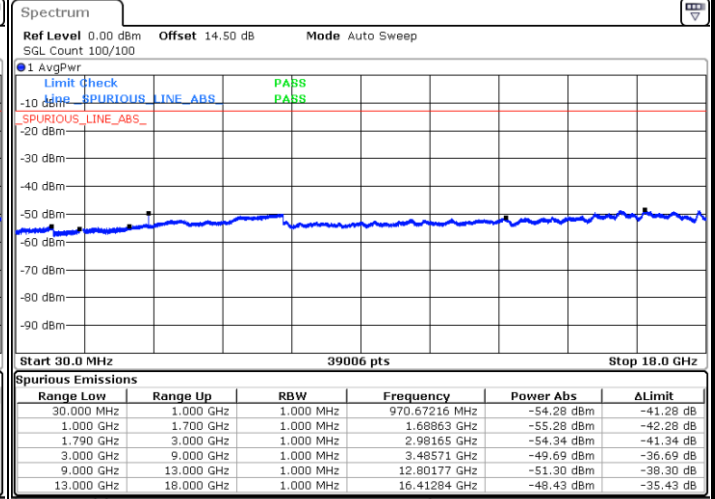
LTE Band 66 / 5MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

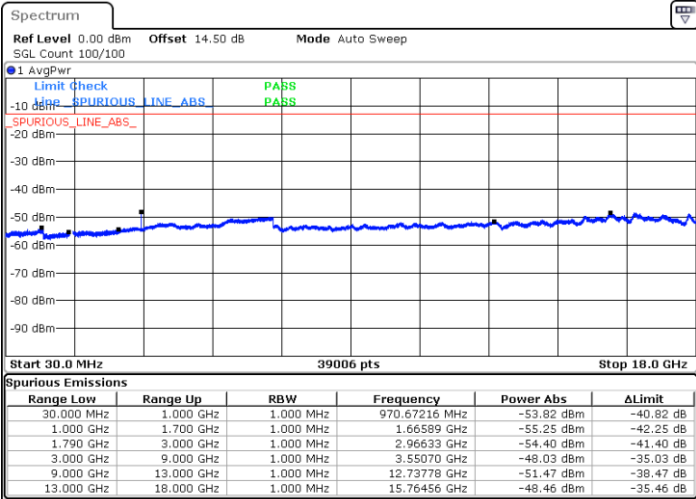


Date: 8 JUL 2022 10:19:49



Date: 8 JUL 2022 10:21:50

Highest Channel / 64QAM



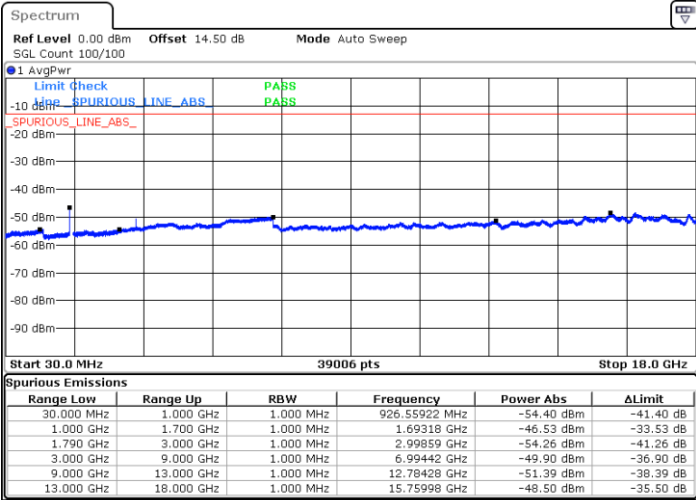
Date: 8 JUL 2022 10:26:37



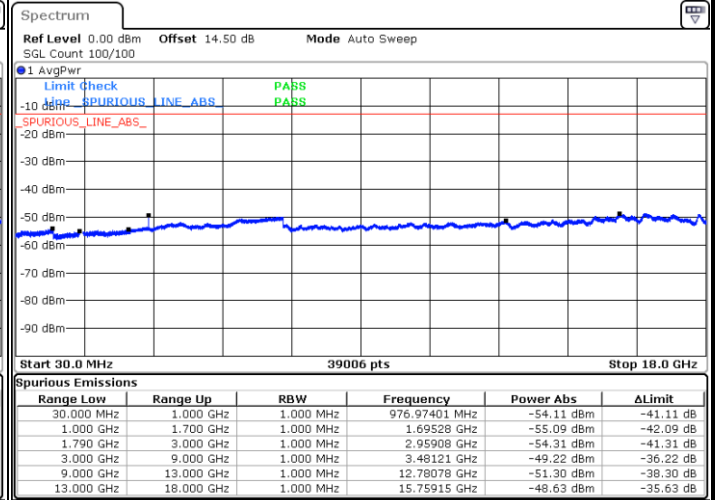
LTE Band 66 / 10MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

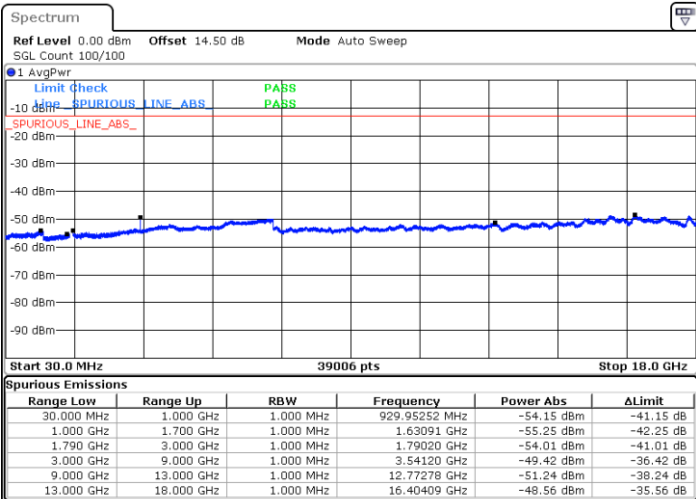


Date: 8 JUL 2022 11:19:42



Date: 8 JUL 2022 11:21:44

Highest Channel / 64QAM



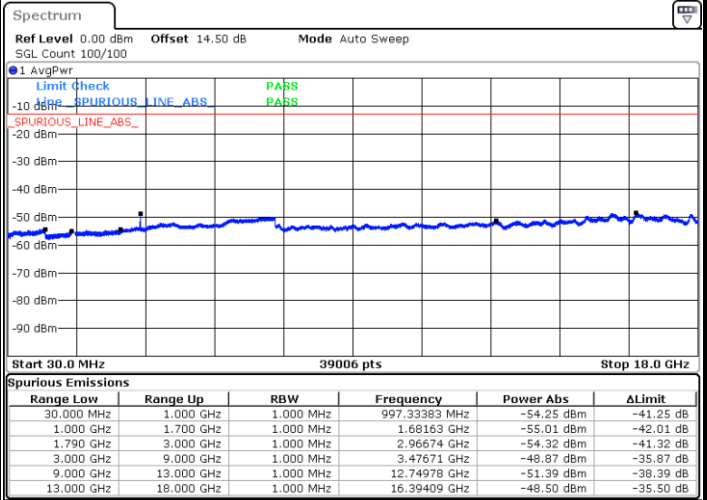
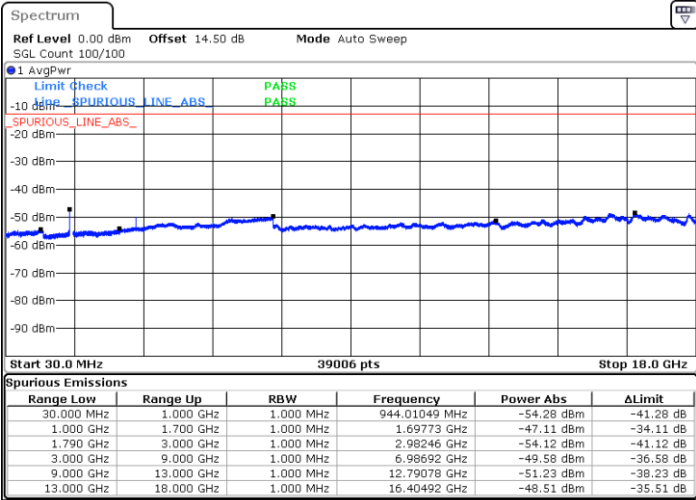
Date: 8 JUL 2022 11:26:32



LTE Band 66 / 15MHz

Lowest Channel / 64QAM

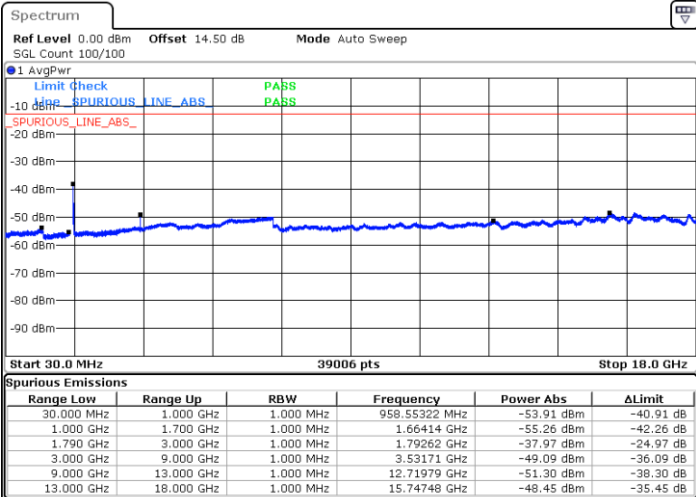
Middle Channel / 64QAM



Date: 8 JUL 2022 11:31:19

Date: 8 JUL 2022 11:33:21

Highest Channel / 64QAM



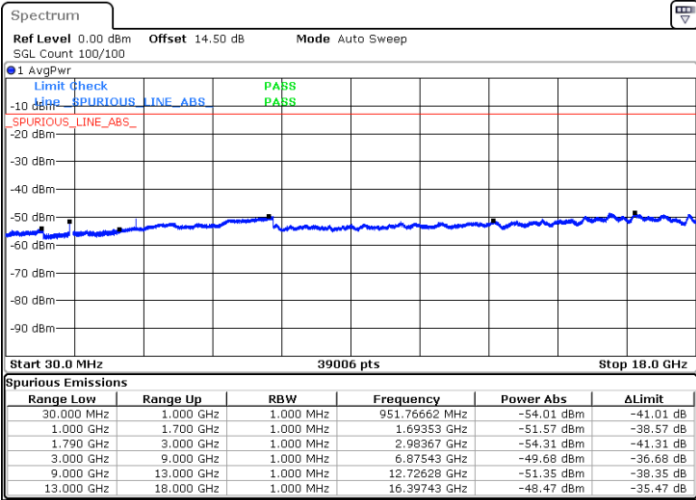
Date: 8 JUL 2022 11:38:08



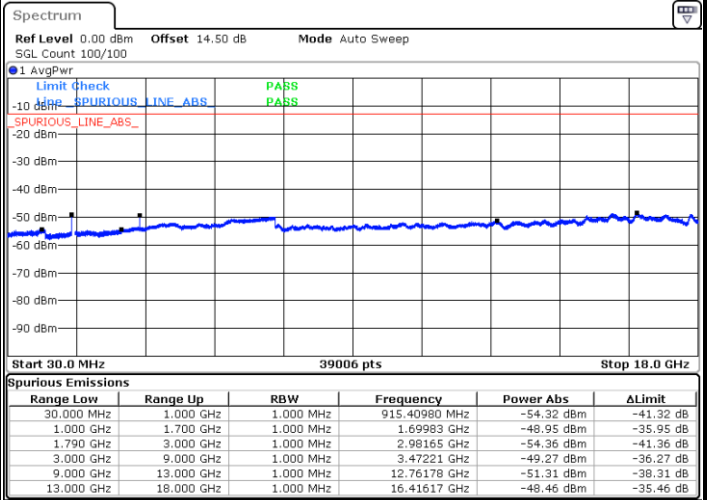
LTE Band 66 / 20MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

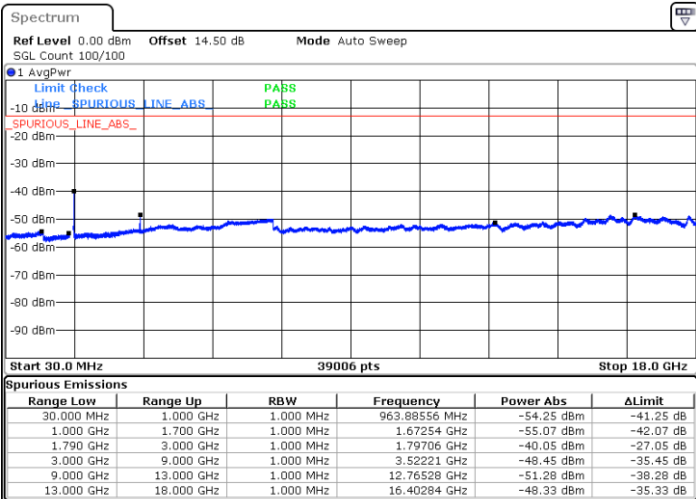


Date: 8 JUL 2022 12:31:12



Date: 8 JUL 2022 12:33:14

Highest Channel / 64QAM



Date: 8 JUL 2022 12:38:01



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	0.0003	PASS
40	Normal Voltage	0.0015	
30	Normal Voltage	0.0006	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0010	
0	Normal Voltage	0.0003	
-10	Normal Voltage	0.0012	
-20	Normal Voltage	0.0007	
-30	Normal Voltage	0.0005	
20	Maximum Voltage	0.0003	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0008	

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 :	Shi Wei Wen	Temperature :	22~25°C
		Relative Humidity :	48~52%

Note: Pre-scanned harmonic for all the supported antennas, choose the worst antenna perform final test and record in the report.

LTE Band 2 / 20MHz / QPSK (ANT13)									
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	-56.70	-13	-43.70	-79.59	-63.45	5.85	12.60	H
	5613.27	-57.40	-13	-44.40	-81.68	-63.20	7.30	13.10	H
	7484.36	-56.15	-13	-43.15	-82.61	-59.30	8.35	11.50	H
	3742.18	-54.28	-13	-41.28	-79.18	-61.03	5.85	12.60	V
	5613.27	-56.72	-13	-43.72	-81.85	-62.52	7.30	13.10	V
	7484.36	-56.12	-13	-43.12	-82.56	-59.27	8.35	11.50	V

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

LTE Band 12 / 10MHz / QPSK (ANT13)									
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	-65.40	-13	-52.40	-76.19	-68.65	4.00	9.40	H
	2109	-60.82	-13	-47.82	-78.29	-64.39	4.88	10.60	H
	2812	-59.64	-13	-46.64	-78.73	-64.57	5.52	12.60	H
	1406	-64.58	-13	-51.58	-76.43	-67.83	4.00	9.40	V
	2109	-61.30	-13	-48.30	-78.56	-64.87	4.88	10.60	V
	2812	-58.83	-13	-45.83	-78.73	-63.76	5.52	12.60	V

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

LTE Band 13 / 5MHz / QPSK (ANT13)									
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	1563.5	-64.50	-42.15	-22.35	-75.79	-67.75	4.00	9.40	H
	2345.25	-60.46	-13	-47.46	-78.44	-64.03	4.88	10.60	H
	3127	-59.02	-13	-46.02	-79.11	-63.95	5.52	12.60	H
	1563.5	-64.25	-42.15	-22.10	-76.16	-67.50	4.00	9.40	V
	2345.25	-59.97	-13	-46.97	-78.32	-63.54	4.88	10.60	V
	3127	-56.88	-13	-43.88	-78.77	-61.81	5.52	12.60	V

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



LTE Band 13 / 10MHz / QPSK (ANT13)									
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	-64.74	-42.15	-22.59	-76.03	-67.99	4.00	9.40	H
	2339.25	-60.29	-13	-47.29	-78.27	-63.86	4.88	10.60	H
	3119	-58.51	-13	-45.51	-78.60	-63.44	5.52	12.60	H
	1559.5	-64.24	-42.15	-22.09	-76.15	-67.49	4.00	9.40	V
	2339.25	-59.77	-13	-46.77	-78.12	-63.34	4.88	10.60	V
	3119	-56.22	-13	-43.22	-78.11	-61.15	5.52	12.60	V

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

LTE Band 26 / 15MHz / QPSK (ANT13)									
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	1659.5	-64.99	-13	-51.99	-76.64	-68.24	4.00	9.40	H
	2489.25	-59.78	-13	-46.78	-78.55	-63.35	4.88	10.60	H
	3319	-58.54	-13	-45.54	-79.42	-63.47	5.52	12.60	H
	1659.5	-63.91	-13	-50.91	-76.23	-67.16	4.00	9.40	V
	2489.25	-59.31	-13	-46.31	-78.34	-62.88	4.88	10.60	V
	3319	-57.53	-13	-44.53	-79.11	-62.46	5.52	12.60	V

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

LTE Band 66 / 20MHz / QPSK (ANT13)									
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	3492	-58.31	-13	-45.31	-79.84	-65.16	5.65	12.50	H
	5238	-57.67	-13	-44.67	-81.94	-63.34	7.13	12.80	H
	6984	-56.72	-13	-43.72	-82.48	-60.12	8.40	11.80	H
	3492	-57.03	-13	-44.03	-80.1	-63.88	5.65	12.50	V
	5238	-57.71	-13	-44.71	-82.05	-63.38	7.13	12.80	V
	6984	-56.07	-13	-43.07	-82.2	-59.47	8.40	11.80	V

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