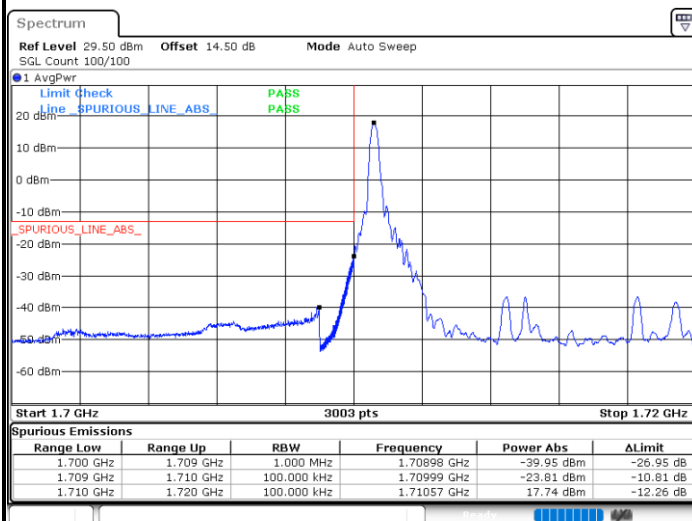


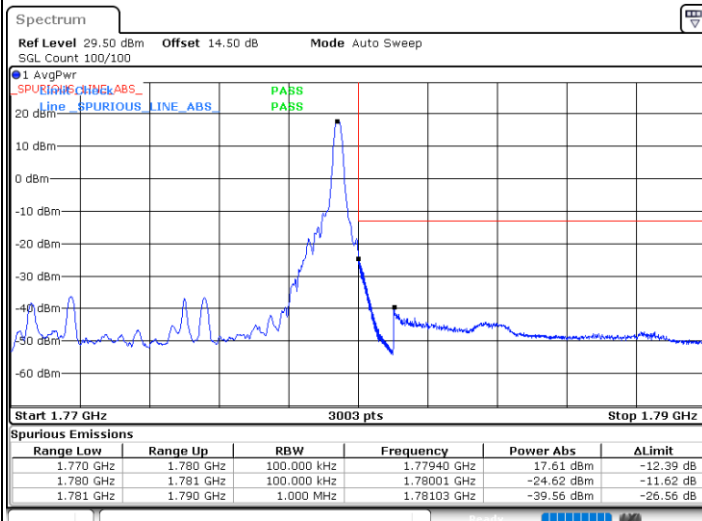


LTE Band 66 / 10MHz / 64QAM

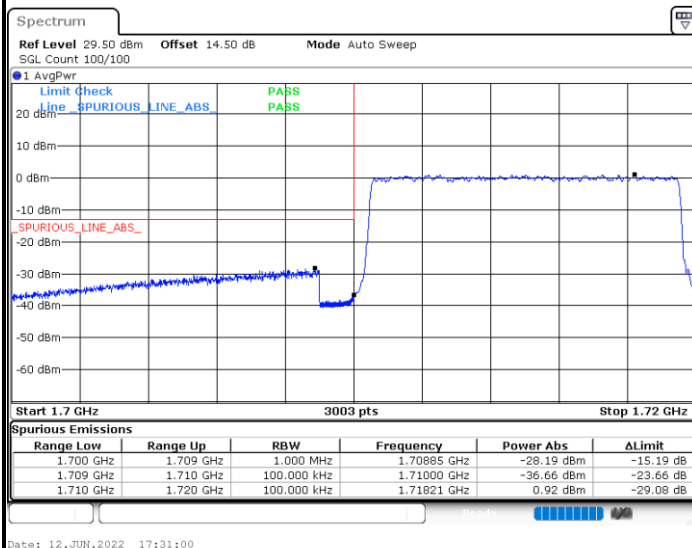
Lowest Band Edge / 1 RB



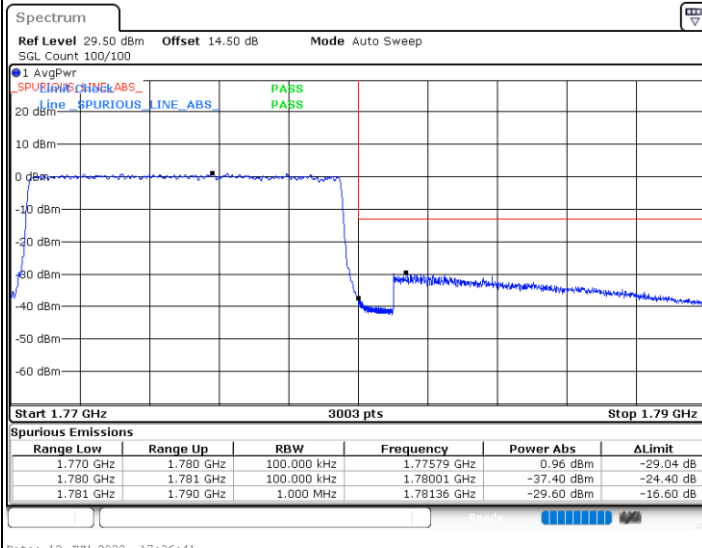
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



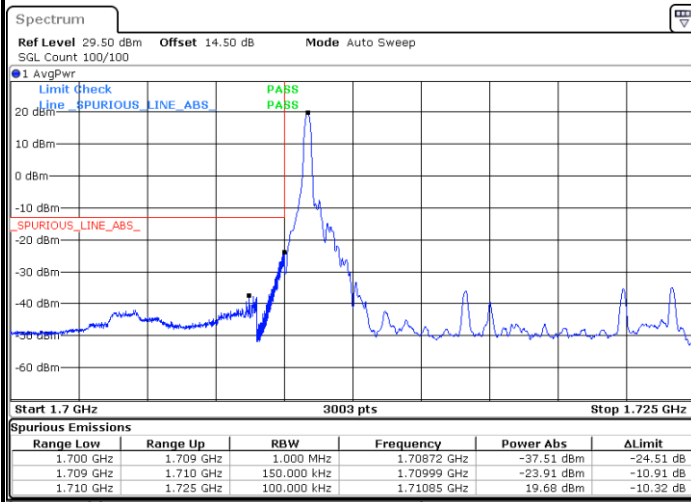
Highest Band Edge / Full RB



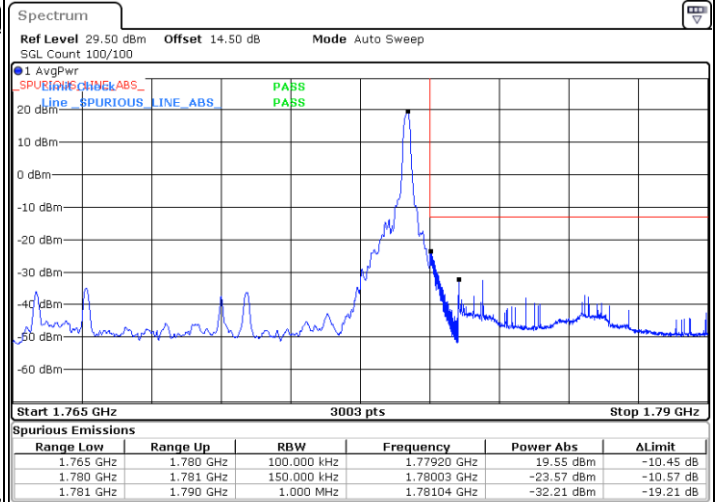


LTE Band 66 / 15MHz / QPSK

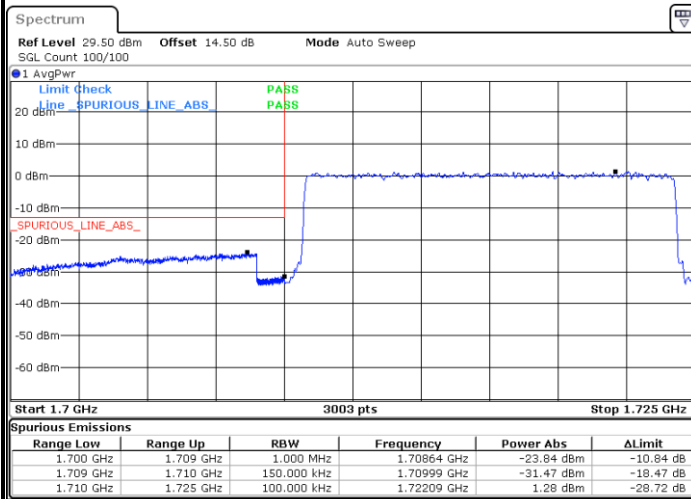
Lowest Band Edge / 1 RB



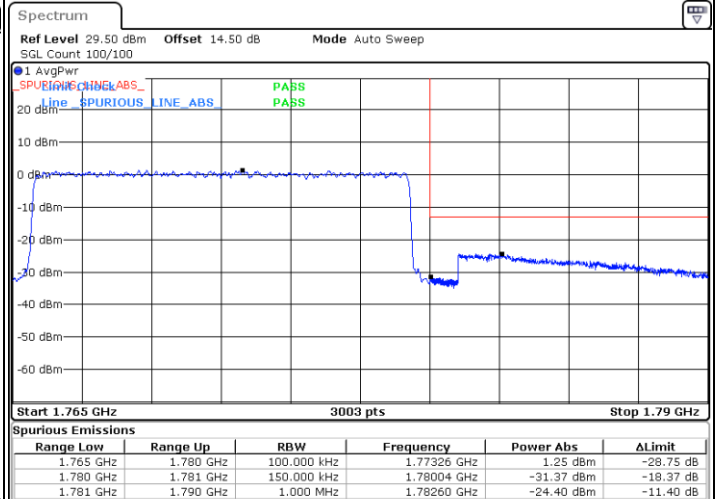
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



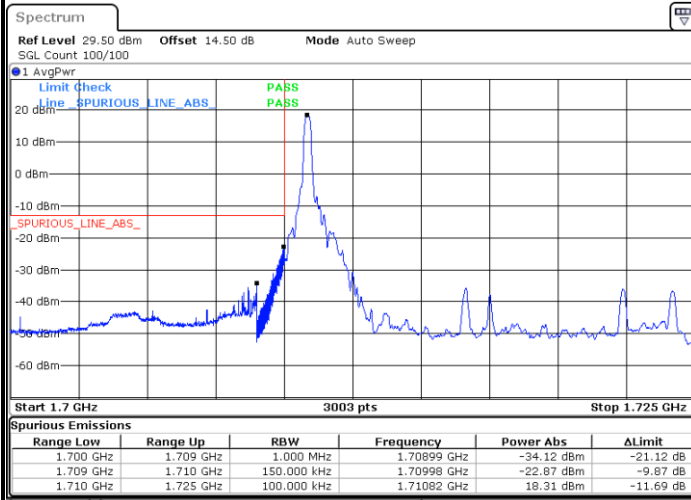
Highest Band Edge / Full RB



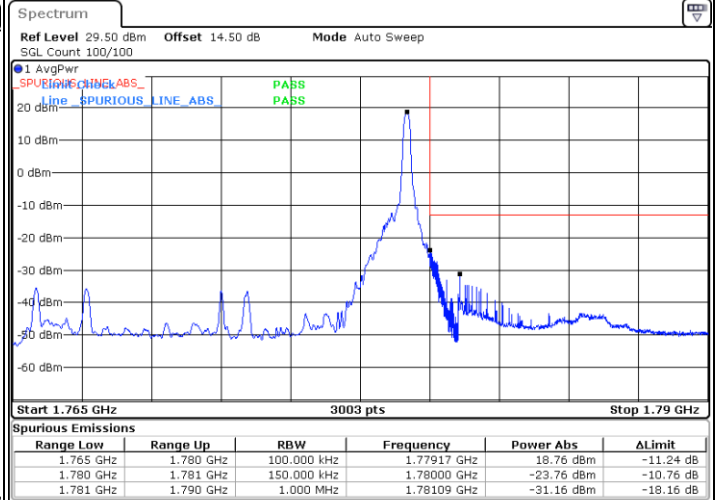


LTE Band 66 / 15MHz / 16QAM

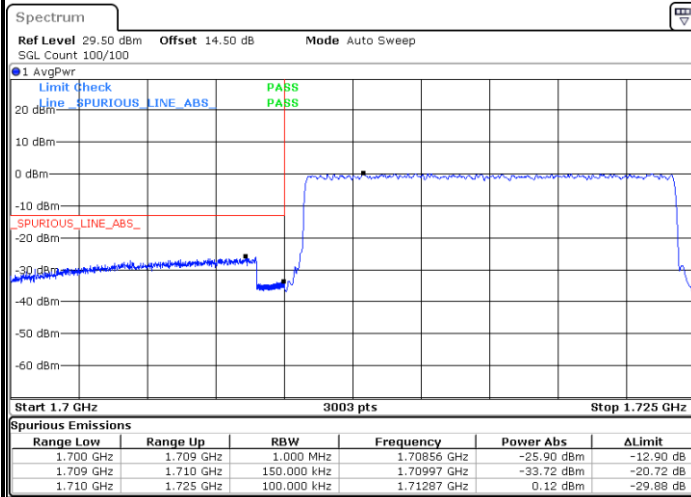
Lowest Band Edge / 1 RB



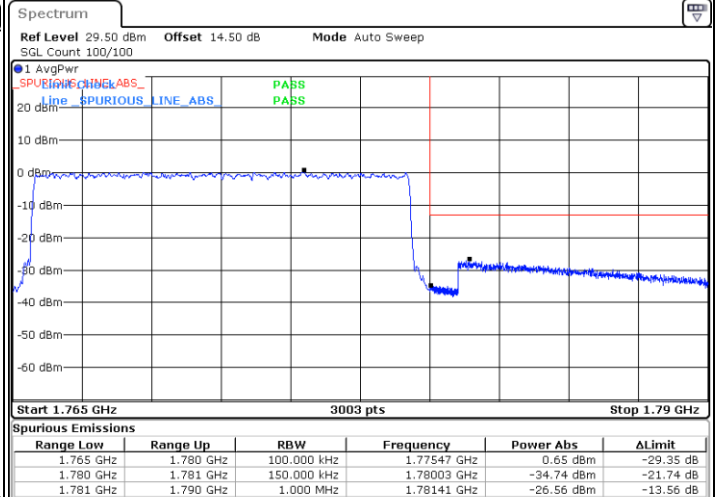
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



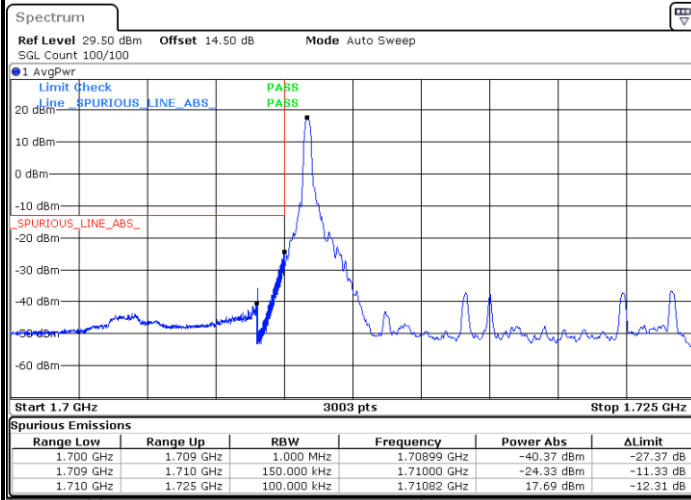
Highest Band Edge / Full RB



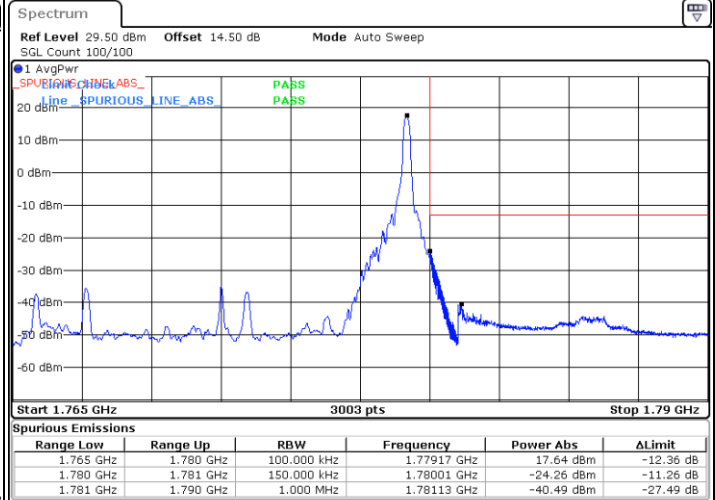


LTE Band 66 / 15MHz / 64QAM

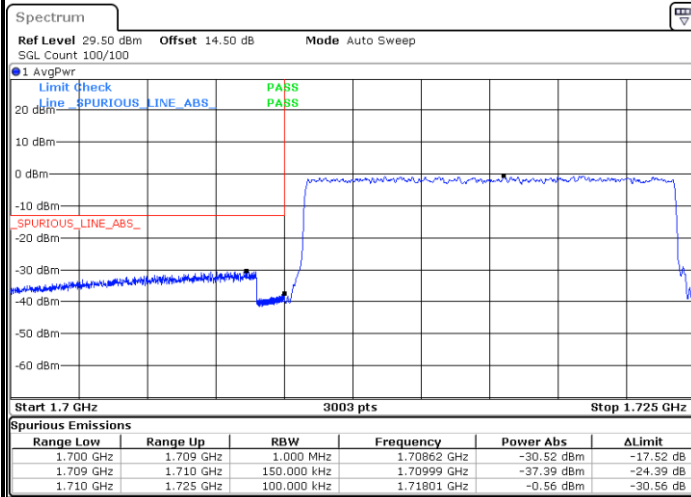
Lowest Band Edge / 1 RB



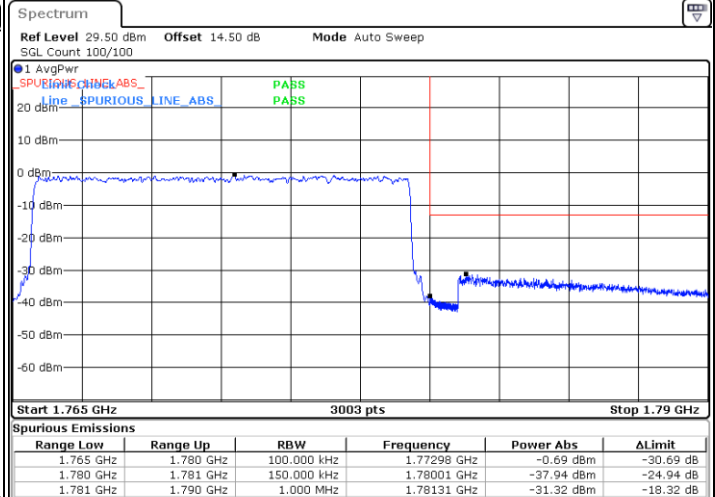
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



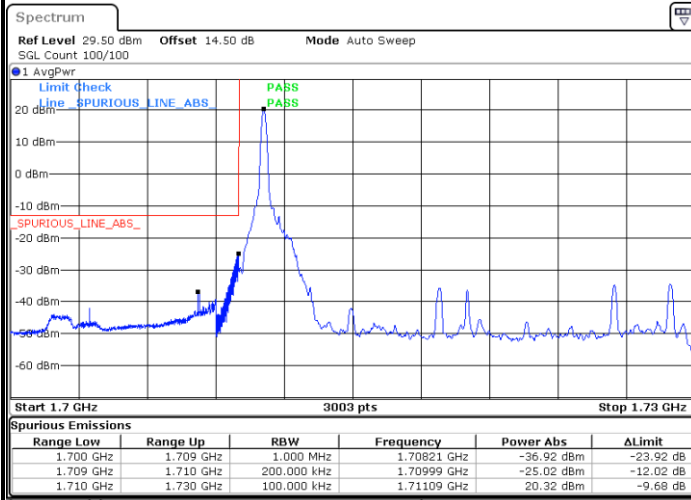
Highest Band Edge / Full RB



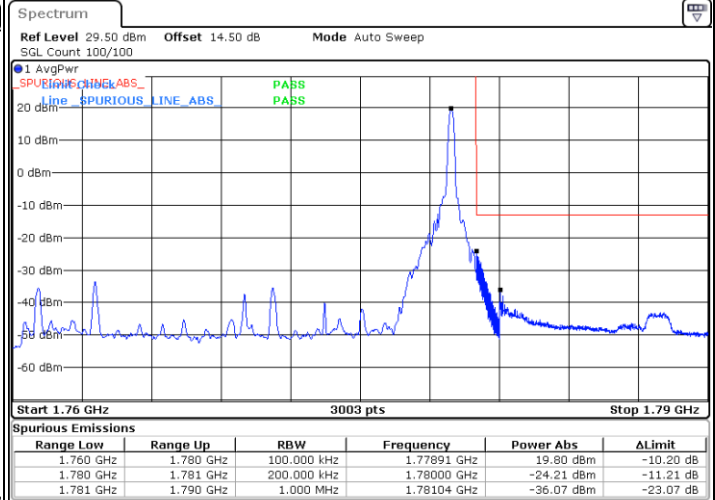


LTE Band 66 / 20MHz / QPSK

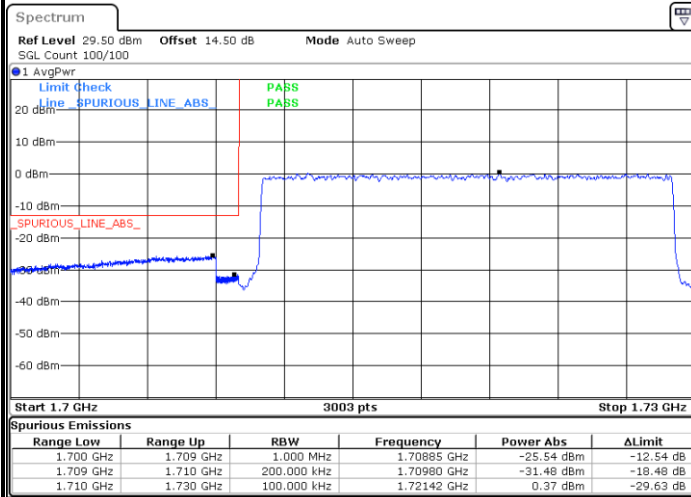
Lowest Band Edge / 1 RB



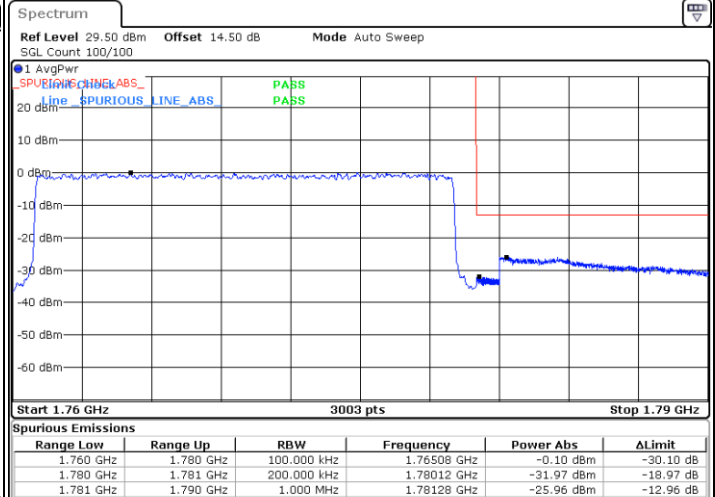
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



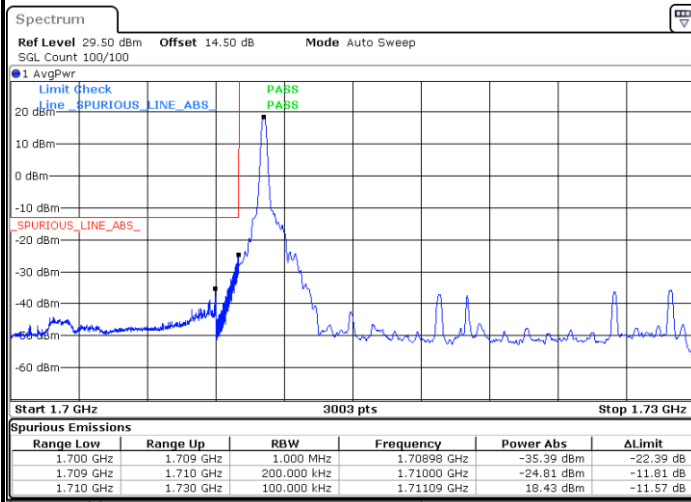
Highest Band Edge / Full RB



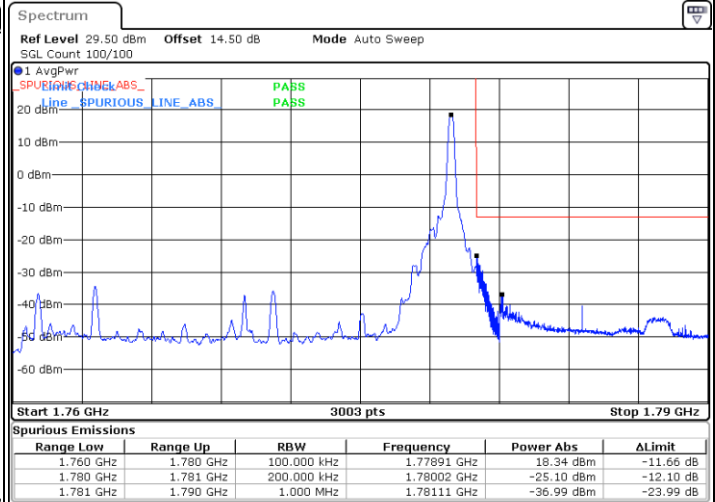


LTE Band 66 / 20MHz / 16QAM

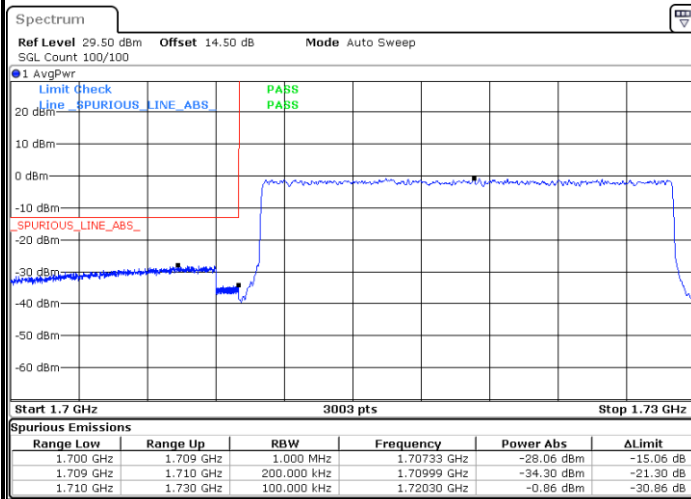
Lowest Band Edge / 1 RB



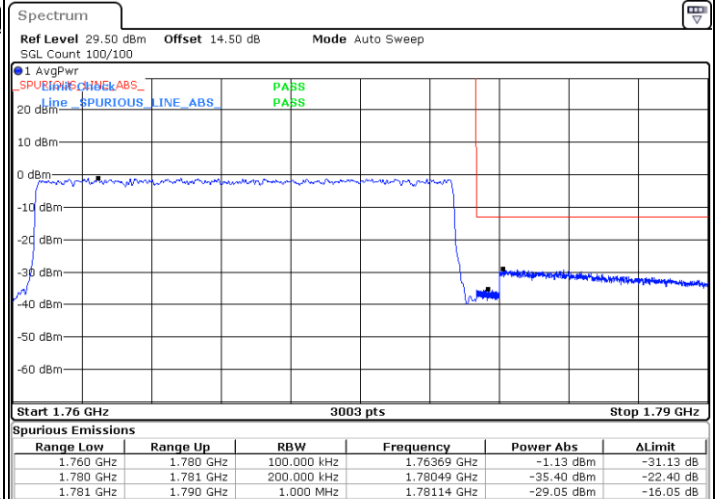
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



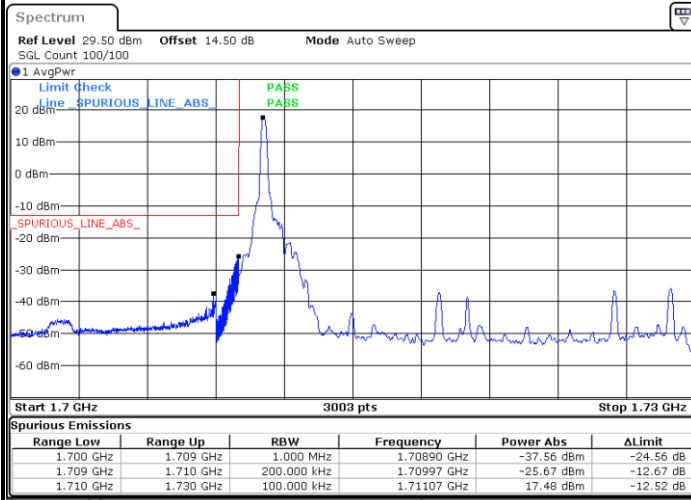
Highest Band Edge / Full RB



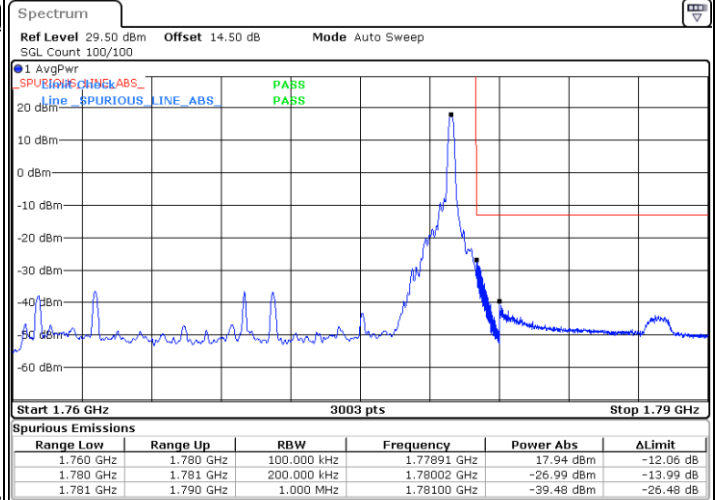


LTE Band 66 / 20MHz / 64QAM

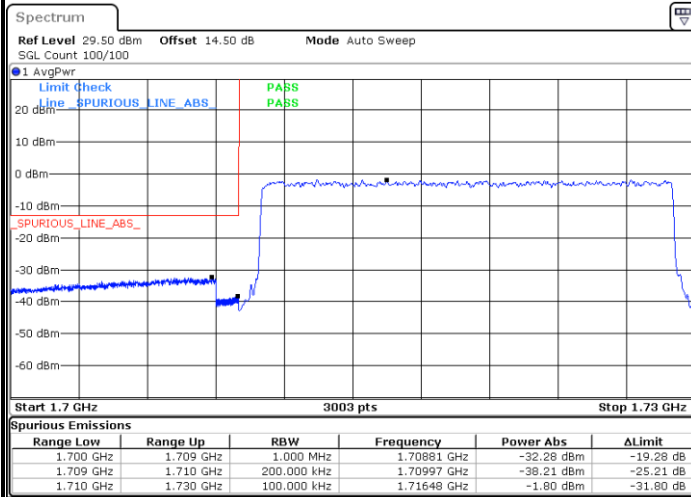
Lowest Band Edge / 1 RB



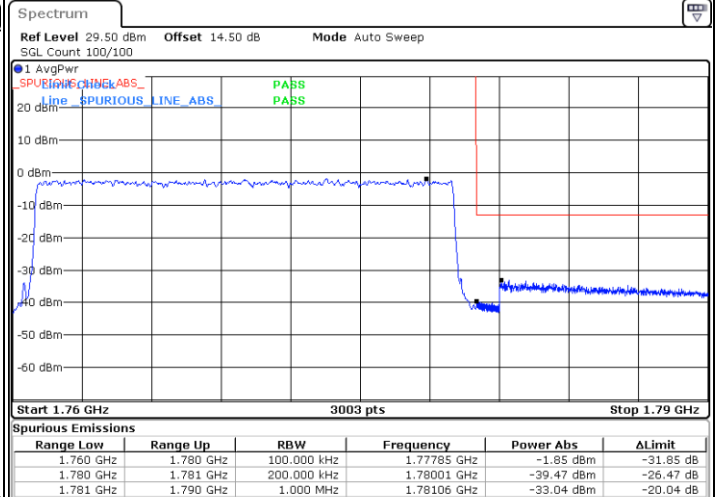
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB

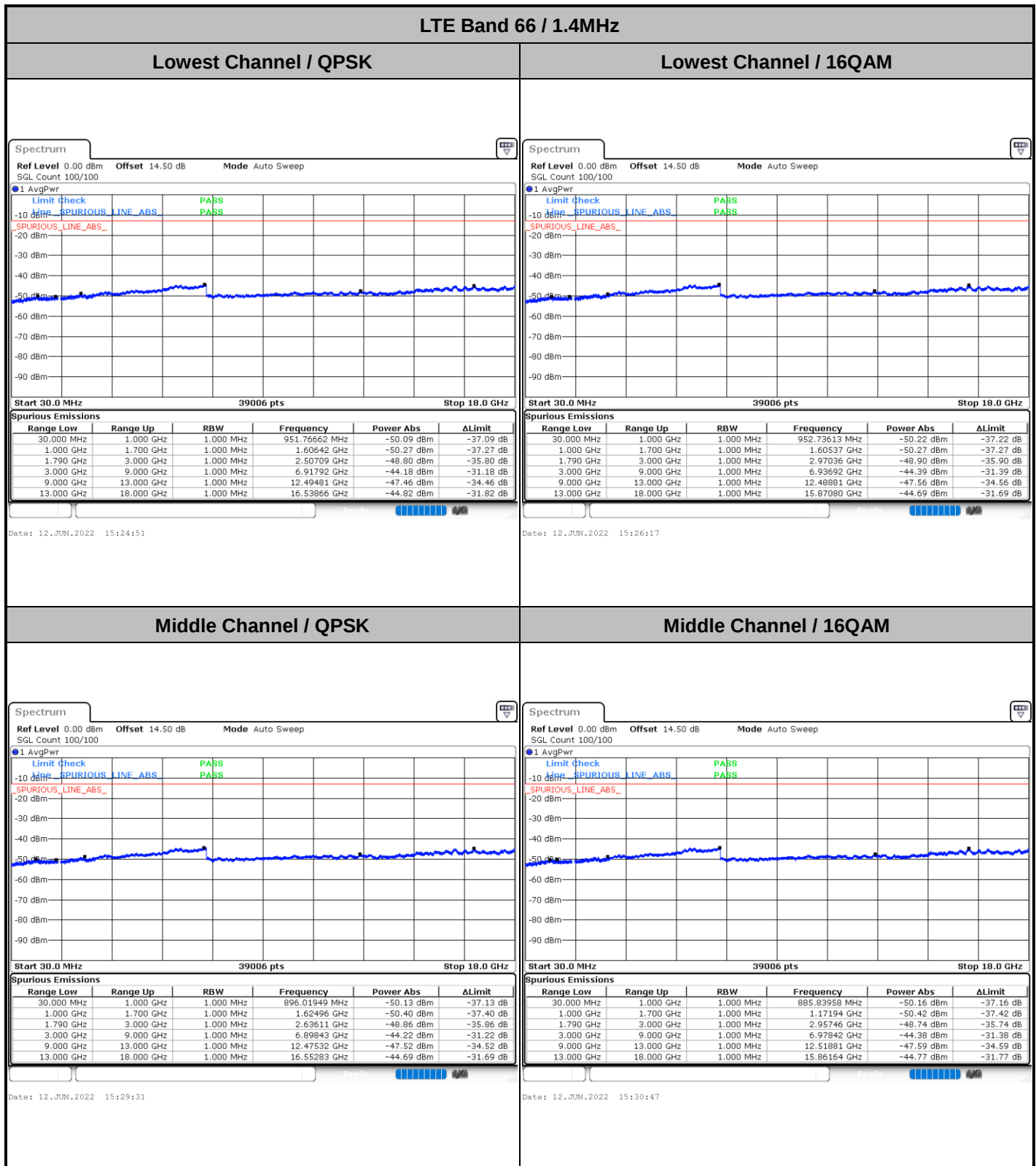


Highest Band Edge / Full RB





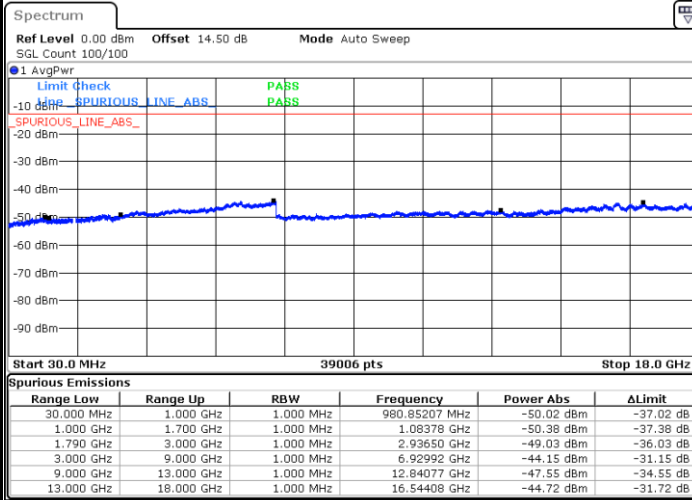
Conducted Spurious Emission





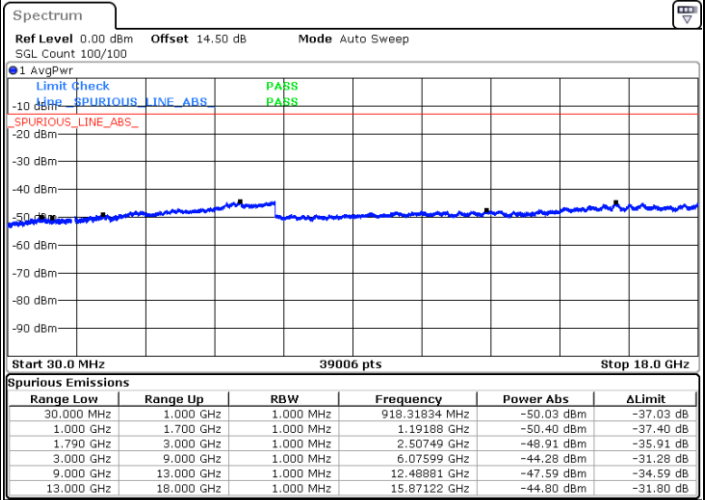
LTE Band 66 / 1.4MHz

Highest Channel / QPSK



Date: 12.JUN.2022 15:39:29

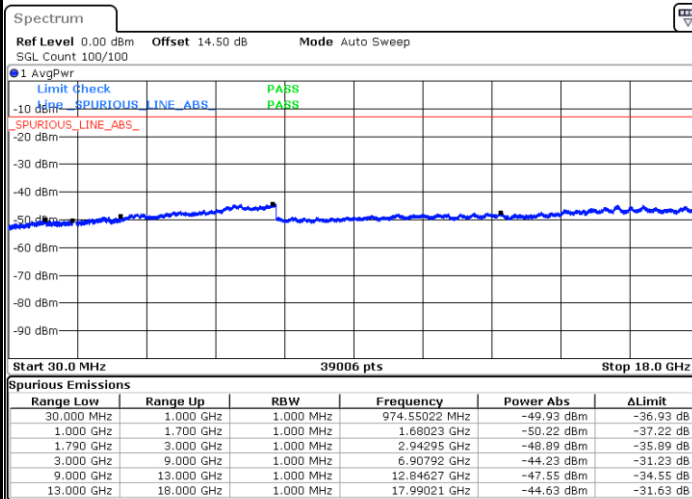
Highest Channel / 16QAM



Date: 12.JUN.2022 15:40:40

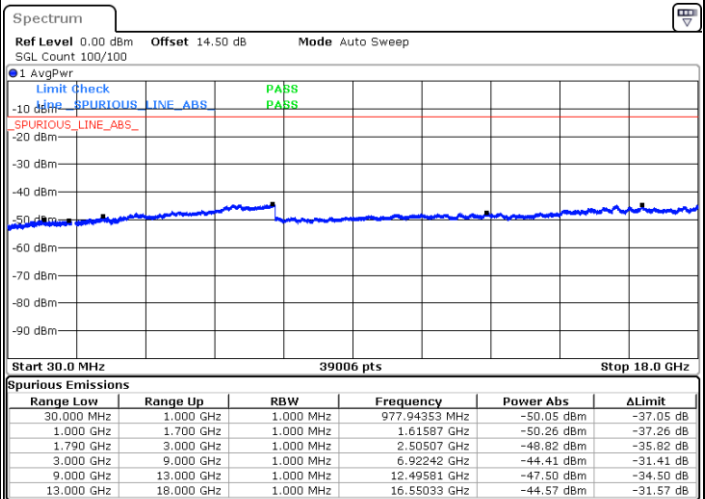
LTE Band 66 / 3MHz

Lowest Channel / QPSK



Date: 12.JUN.2022 16:00:36

Lowest Channel / 16QAM

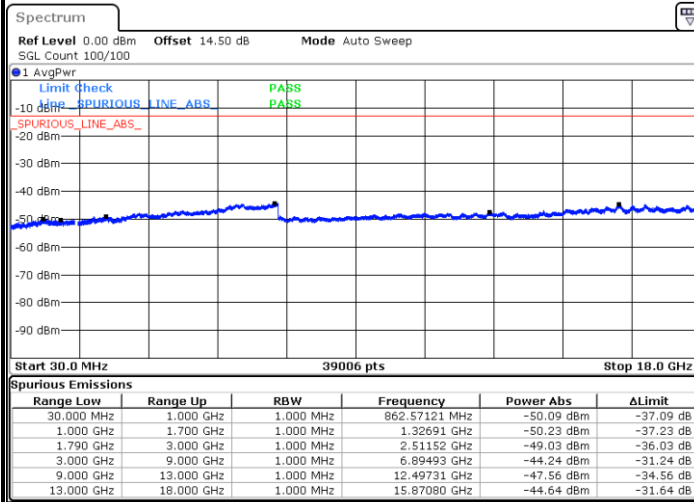


Date: 12.JUN.2022 16:01:47



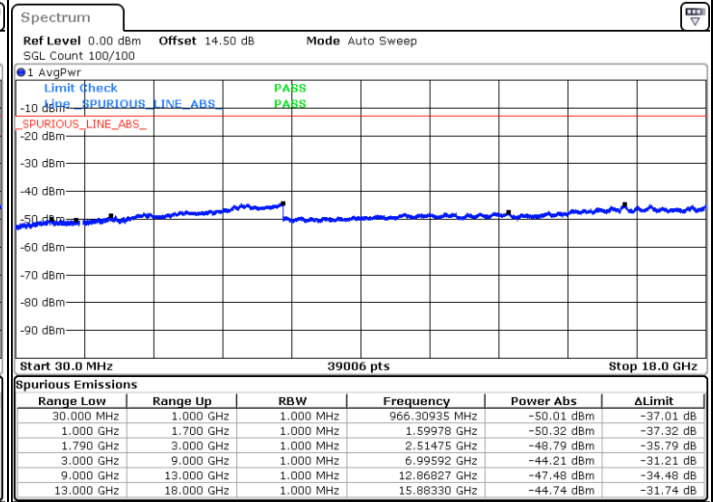
LTE Band 66 / 3MHz

Middle Channel / QPSK



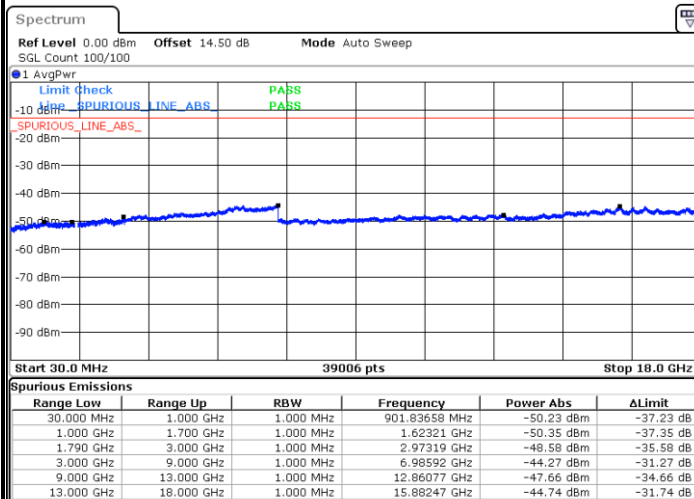
Date: 12.JUN.2022 16:04:46

Middle Channel / 16QAM



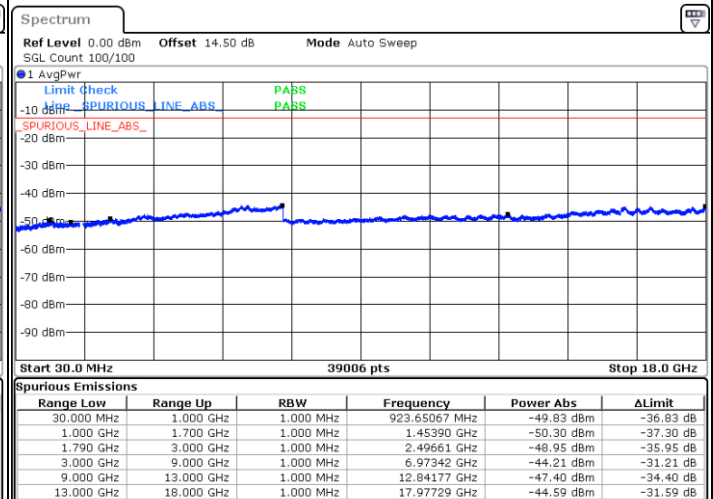
Date: 12.JUN.2022 16:05:57

Highest Channel / QPSK



Date: 12.JUN.2022 16:14:39

Highest Channel / 16QAM

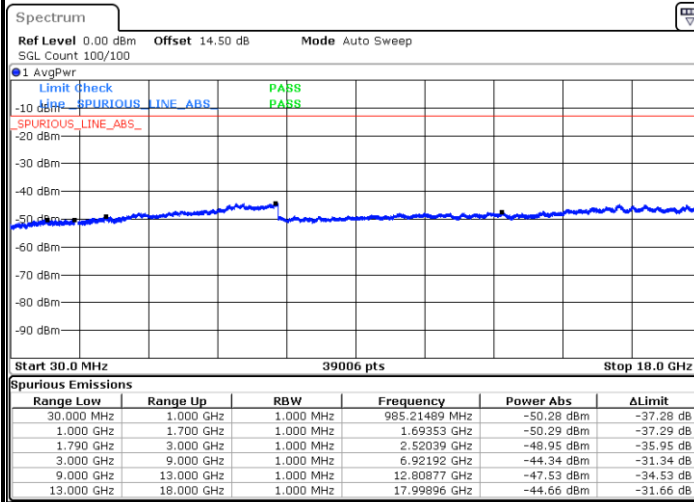


Date: 12.JUN.2022 16:15:49



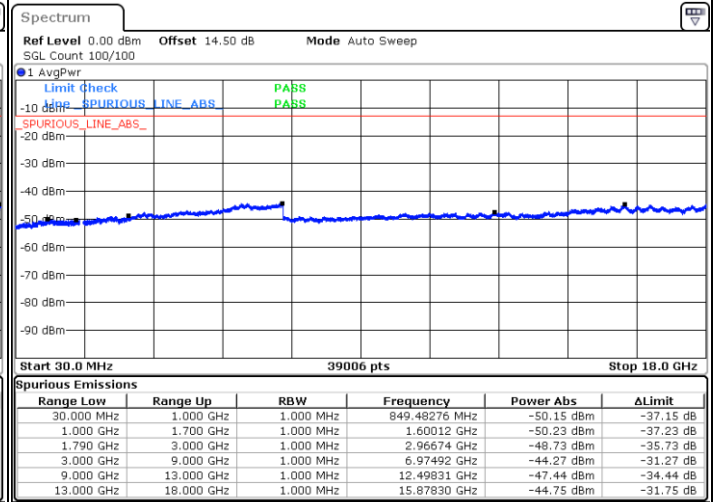
LTE Band 66 / 5MHz

Lowest Channel / QPSK



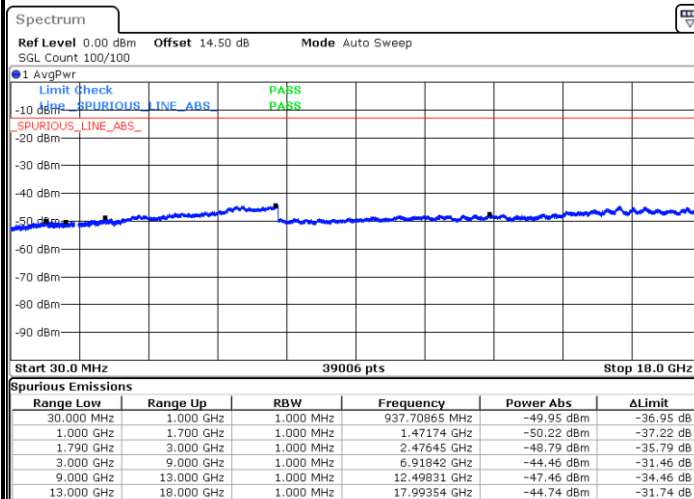
Date: 12.JUN.2022 16:47:46

Lowest Channel / 16QAM



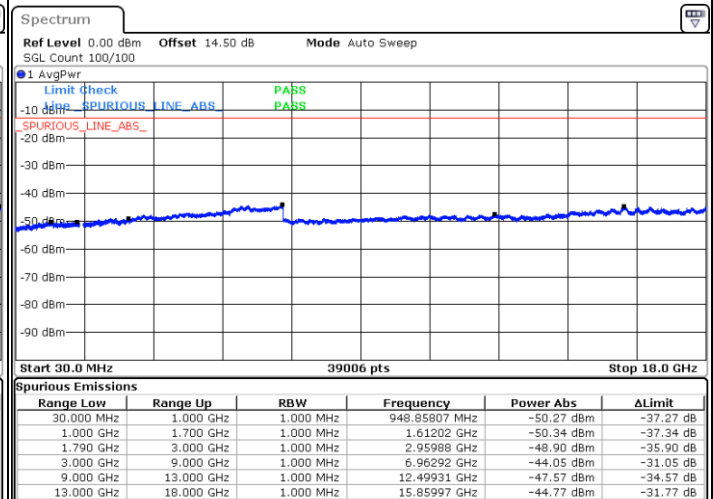
Date: 12.JUN.2022 16:48:57

Middle Channel / QPSK



Date: 12.JUN.2022 16:51:56

Middle Channel / 16QAM

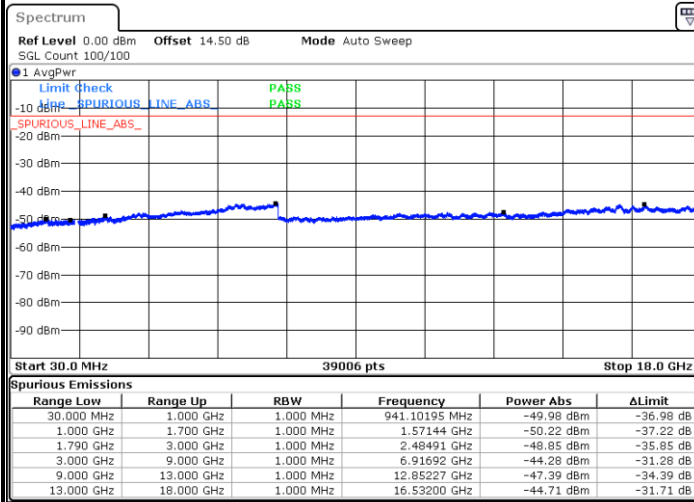


Date: 12.JUN.2022 16:53:07



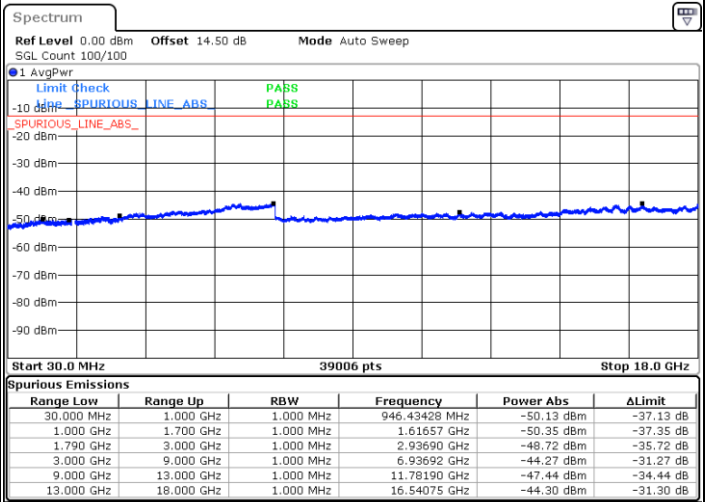
LTE Band 66 / 5MHz

Highest Channel / QPSK



Date: 12.JUN.2022 17:01:45

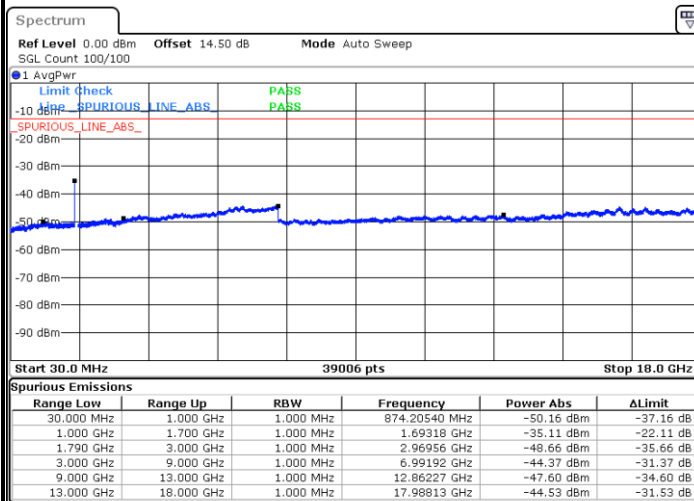
Highest Channel / 16QAM



Date: 12.JUN.2022 17:02:56

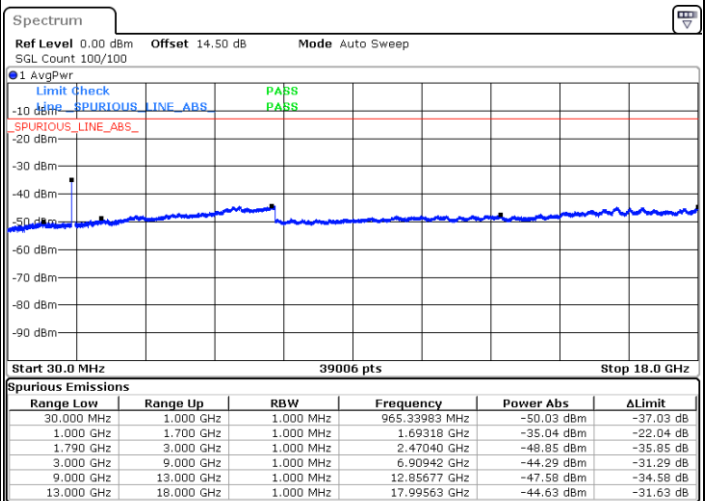
LTE Band 66 / 10MHz

Lowest Channel / QPSK



Date: 12.JUN.2022 17:12:14

Lowest Channel / 16QAM

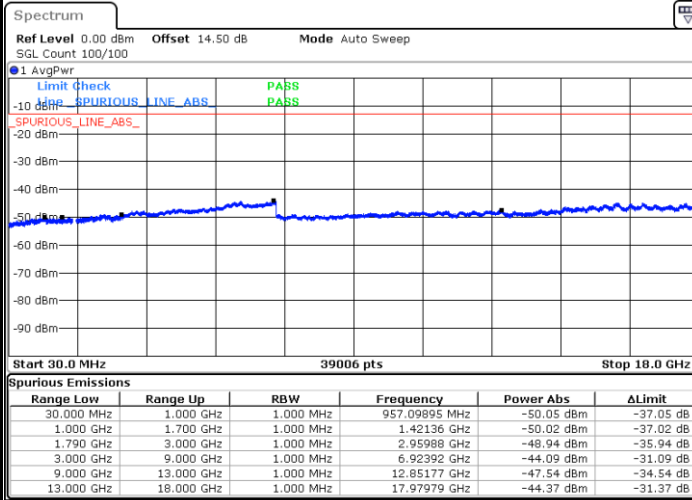


Date: 12.JUN.2022 17:13:25



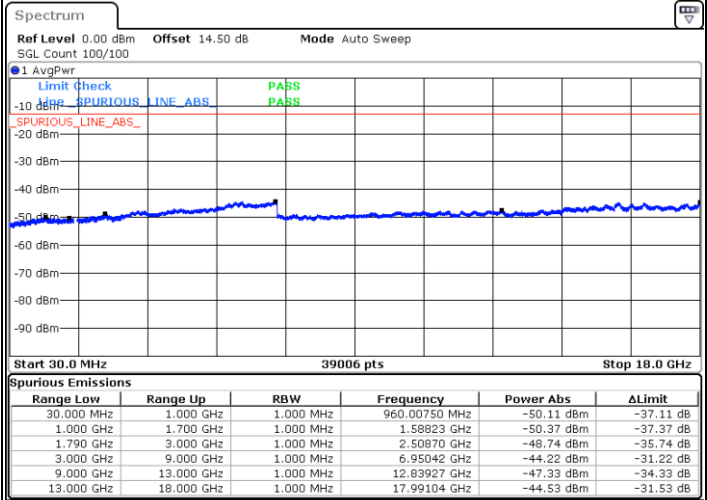
LTE Band 66 / 10MHz

Middle Channel / QPSK



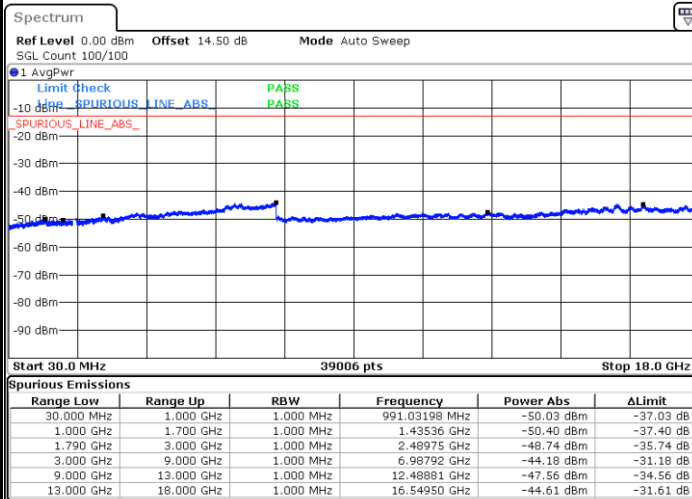
Date: 12.JUN.2022 17:16:24

Middle Channel / 16QAM



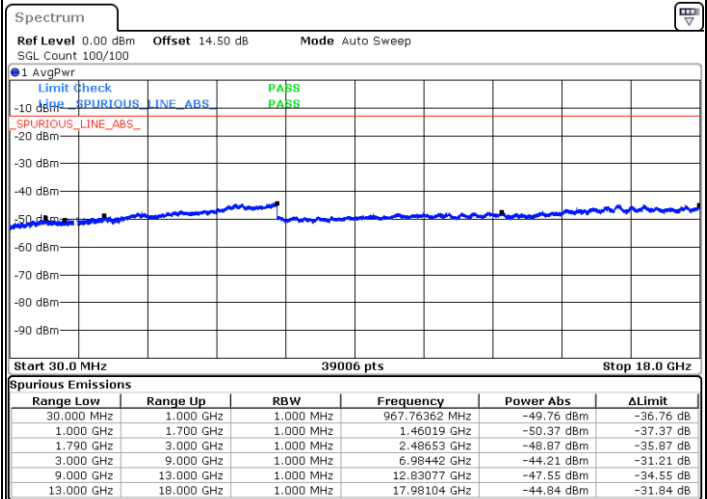
Date: 12.JUN.2022 17:17:35

Highest Channel / QPSK



Date: 12.JUN.2022 17:26:16

Highest Channel / 16QAM

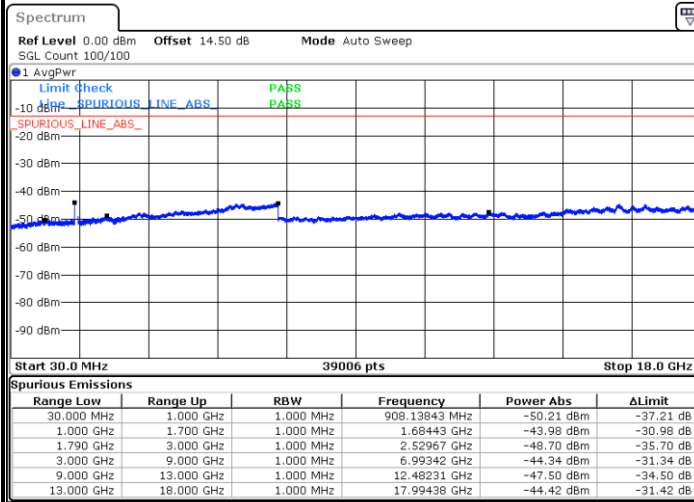


Date: 12.JUN.2022 17:27:27



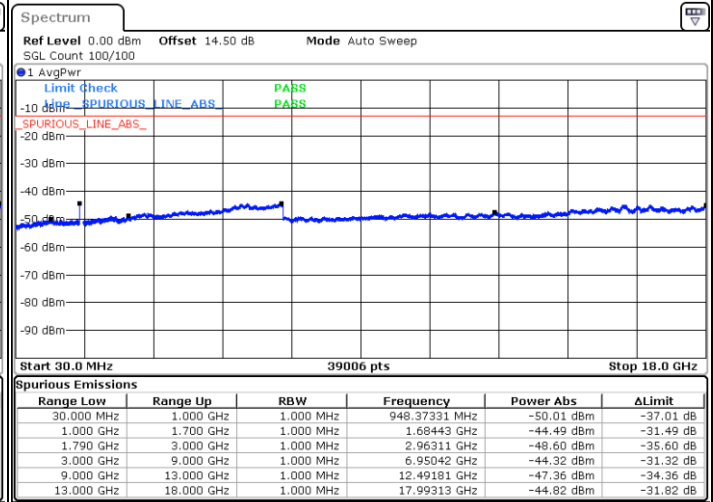
LTE Band 66 / 15MHz

Lowest Channel / QPSK



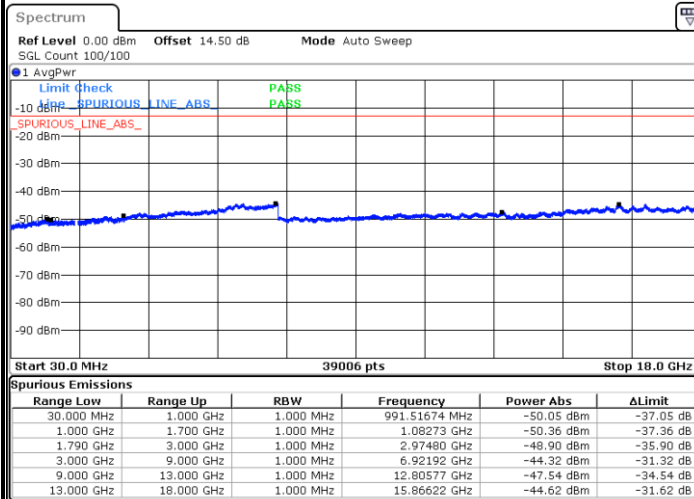
Date: 12.JUN.2022 17:59:52

Lowest Channel / 16QAM



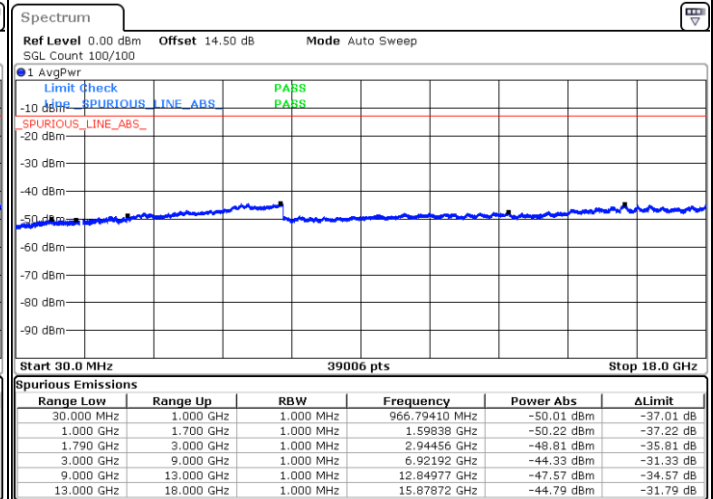
Date: 12.JUN.2022 18:00:58

Middle Channel / QPSK



Date: 12.JUN.2022 18:03:52

Middle Channel / 16QAM

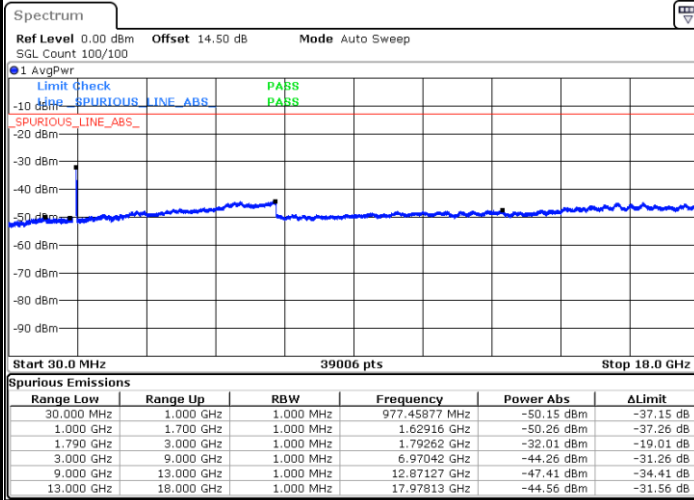


Date: 12.JUN.2022 18:04:58



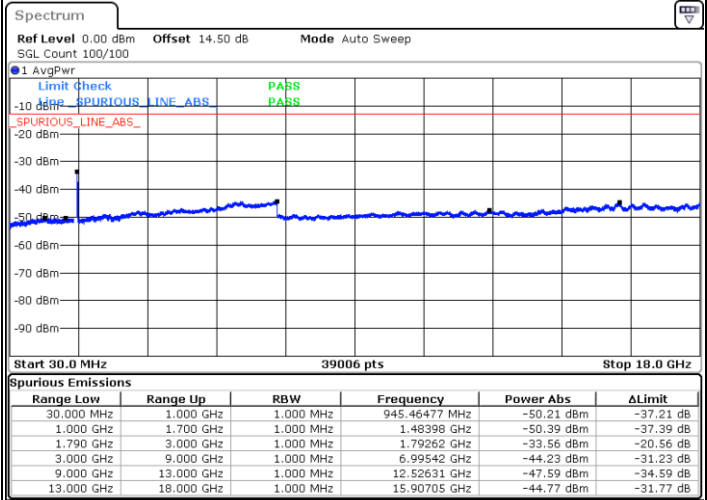
LTE Band 66 / 15MHz

Highest Channel / QPSK



Date: 12.JUN.2022 18:43:12

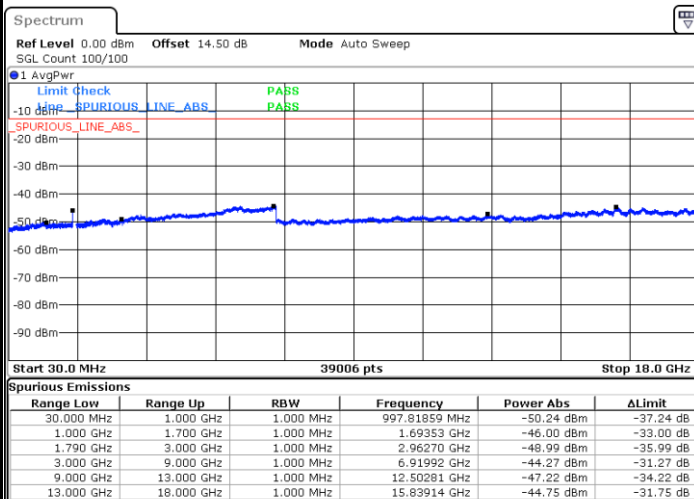
Highest Channel / 16QAM



Date: 12.JUN.2022 18:44:13

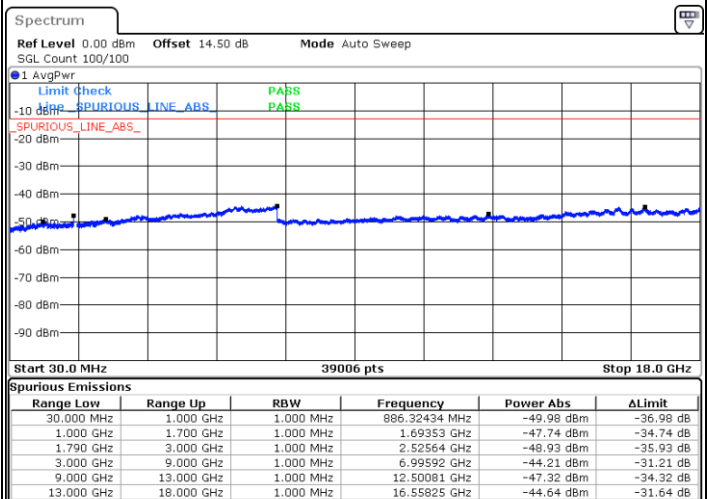
LTE Band 66 / 20MHz

Lowest Channel / QPSK



Date: 12.JUN.2022 18:49:59

Lowest Channel / 16QAM

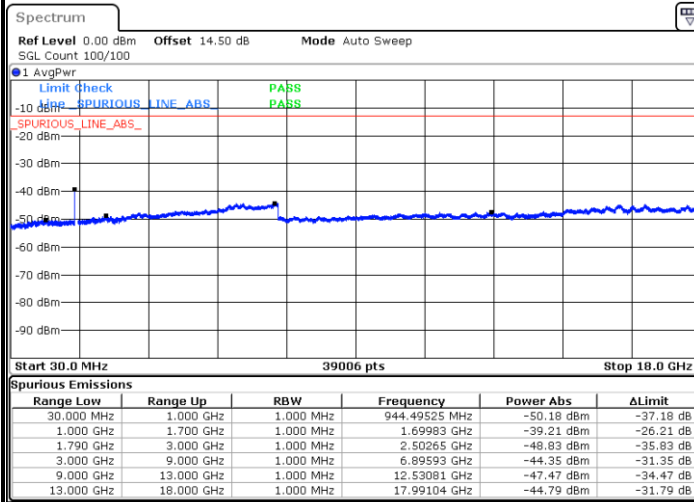


Date: 12.JUN.2022 18:51:00



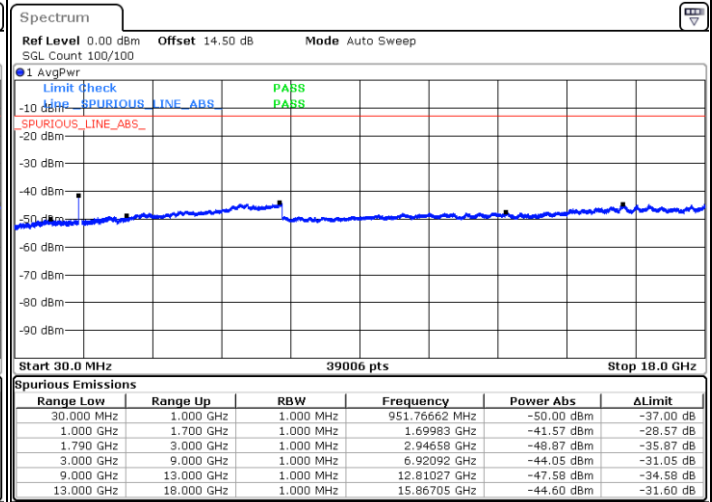
LTE Band 66 / 20MHz

Middle Channel / QPSK



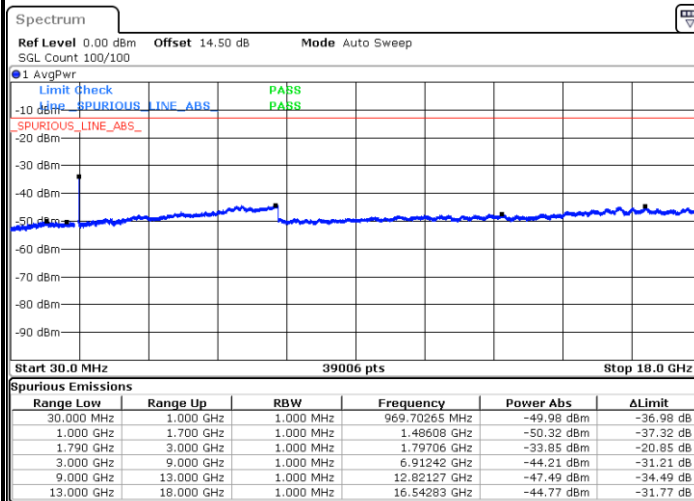
Date: 12.JUN.2022 18:53:48

Middle Channel / 16QAM



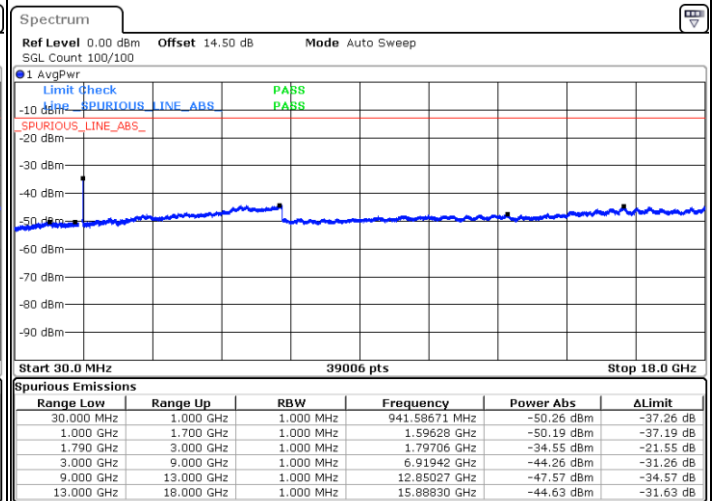
Date: 12.JUN.2022 18:54:49

Highest Channel / QPSK



Date: 12.JUN.2022 19:22:49

Highest Channel / 16QAM

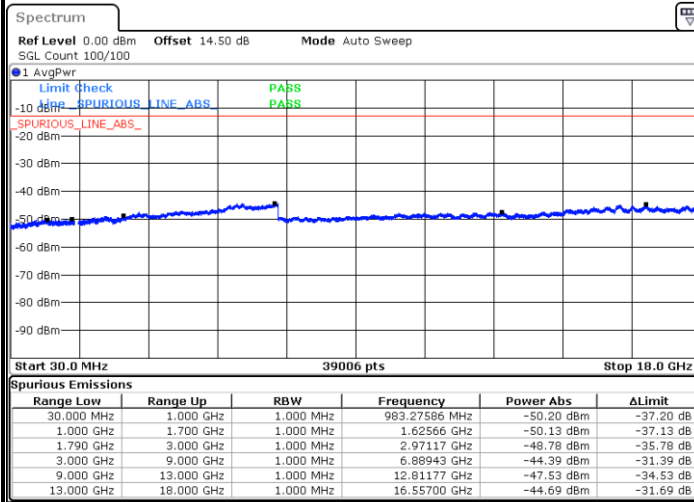


Date: 12.JUN.2022 19:23:49



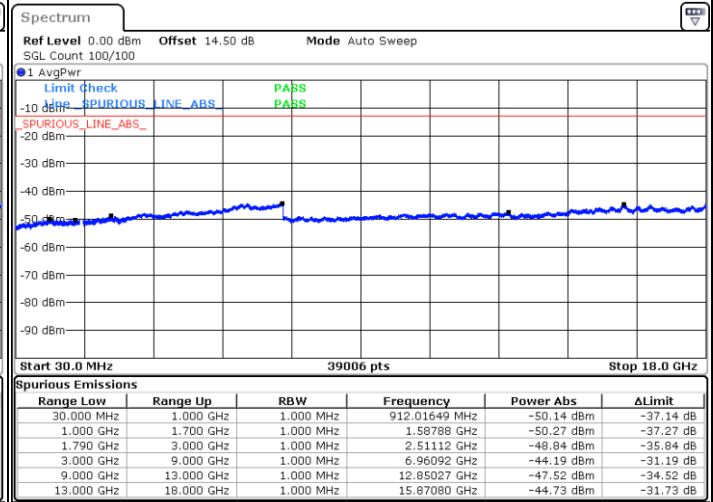
LTE Band 66 / 1.4MHz

Lowest Channel / 64QAM



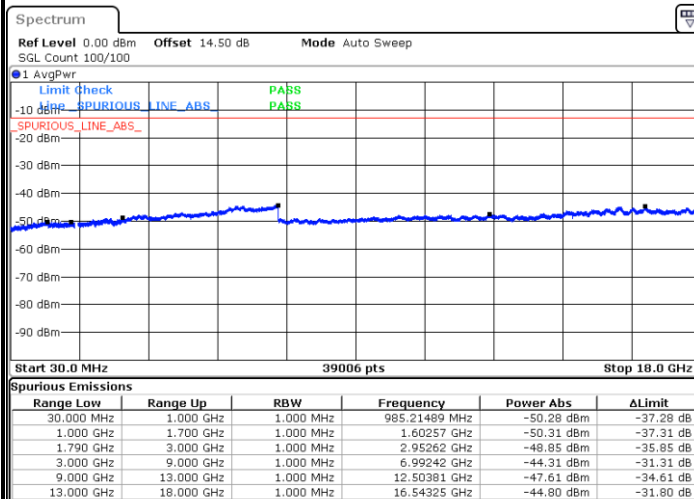
Date: 12.JUN.2022 15:45:24

Middle Channel / 64QAM



Date: 12.JUN.2022 15:47:14

Highest Channel / 64QAM

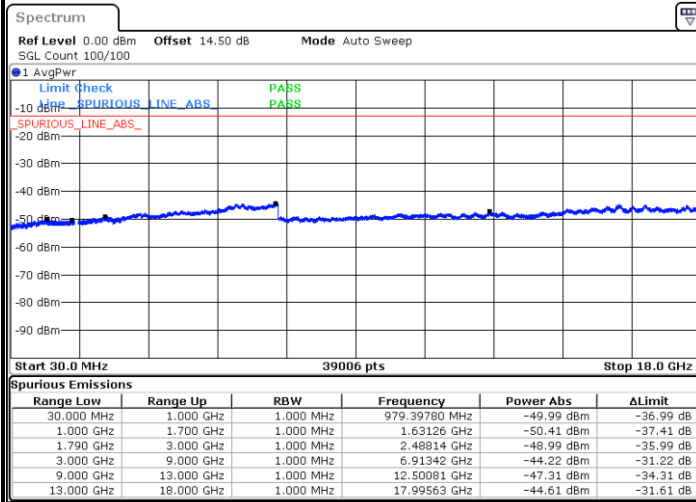


Date: 12.JUN.2022 15:51:56



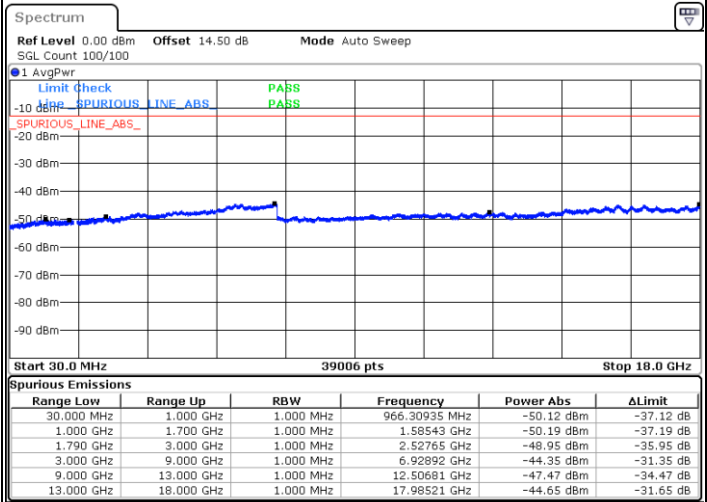
LTE Band 66 / 3MHz

Lowest Channel / 64QAM



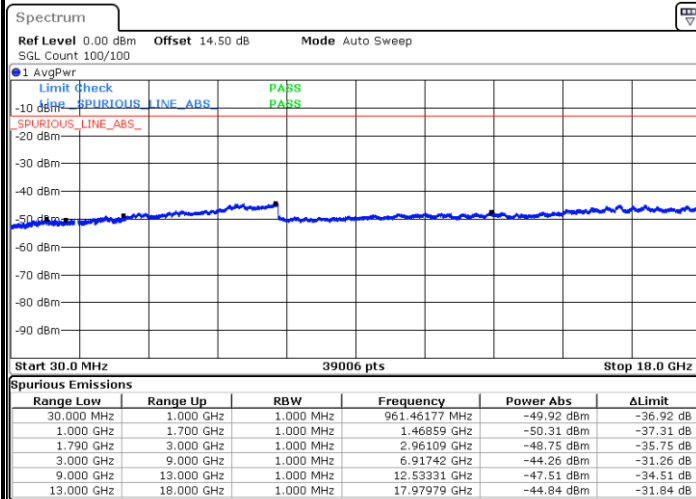
Date: 12.JUN.2022 16:20:32

Middle Channel / 64QAM



Date: 12.JUN.2022 16:22:24

Highest Channel / 64QAM

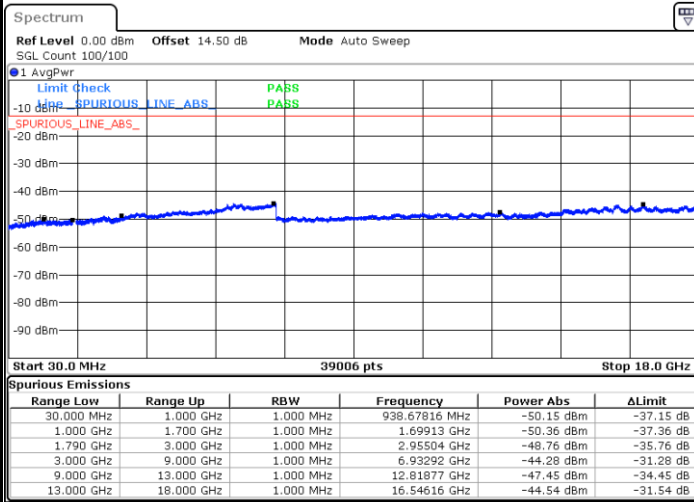


Date: 12.JUN.2022 16:27:08



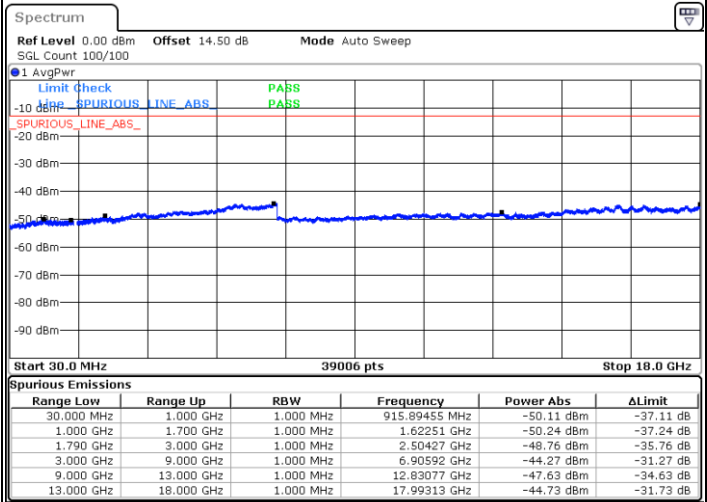
LTE Band 66 / 5MHz

Lowest Channel / 64QAM



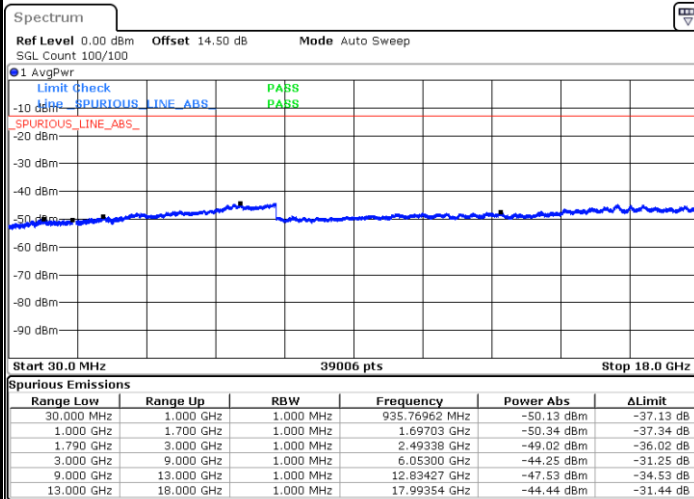
Date: 12.JUN.2022 16:32:28

Middle Channel / 64QAM



Date: 12.JUN.2022 16:34:20

Highest Channel / 64QAM

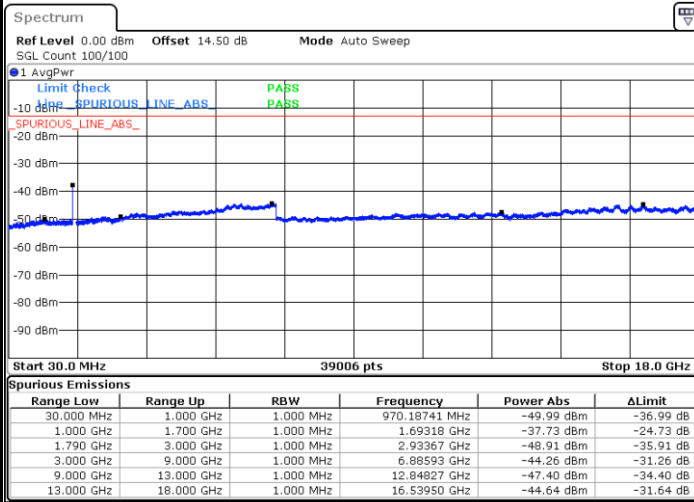


Date: 12.JUN.2022 16:39:05



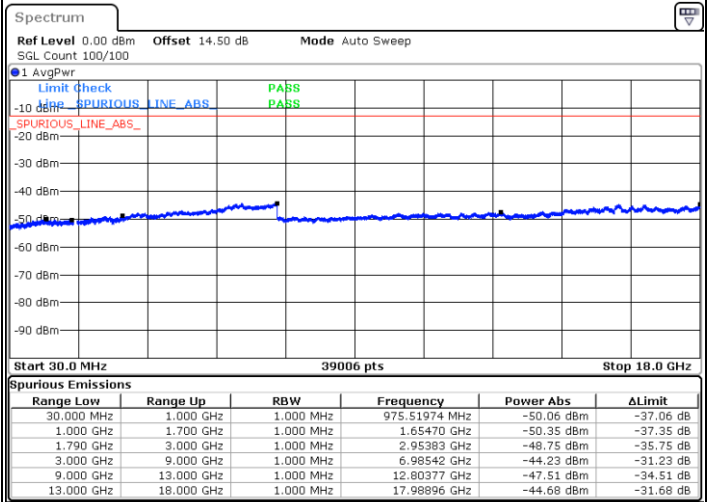
LTE Band 66 / 10MHz

Lowest Channel / 64QAM



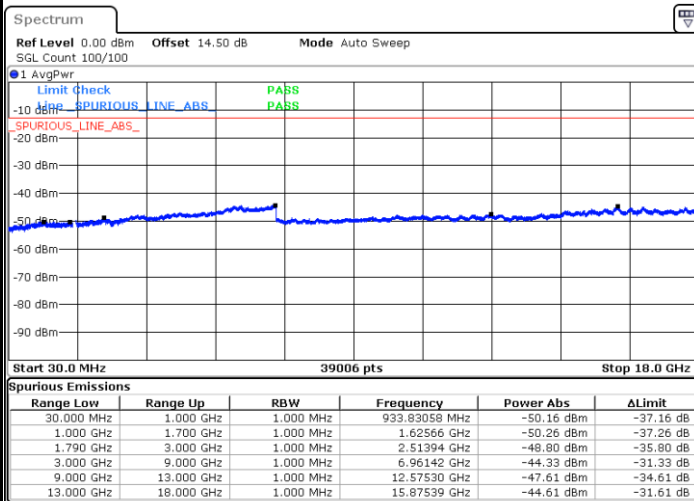
Date: 12.JUN.2022 17:32:10

Middle Channel / 64QAM



Date: 12.JUN.2022 17:34:03

Highest Channel / 64QAM

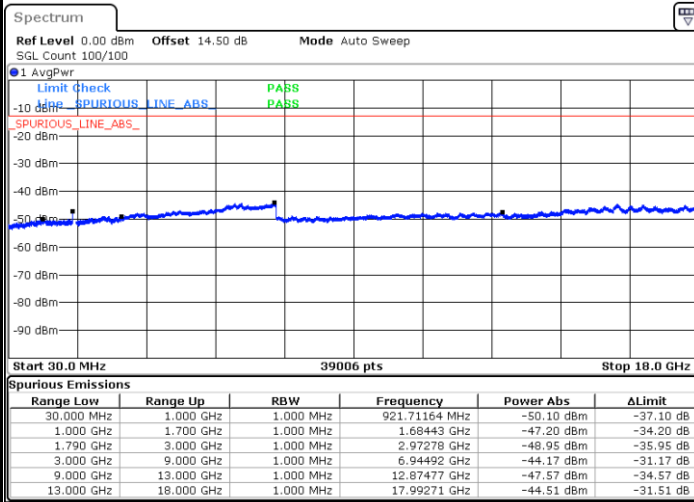


Date: 12.JUN.2022 17:37:51



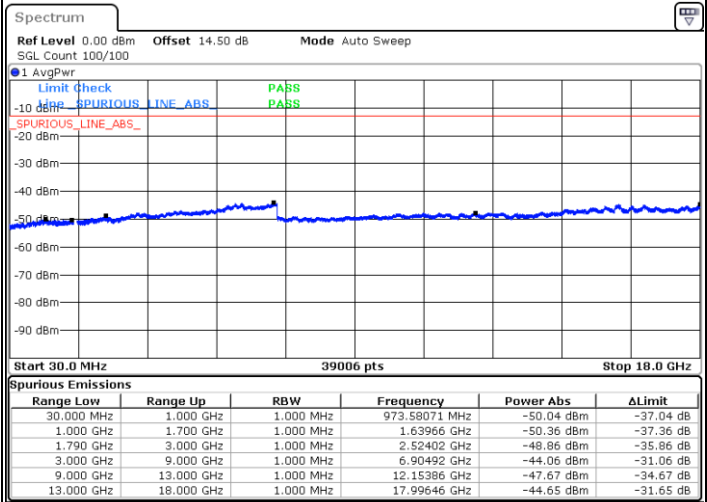
LTE Band 66 / 15MHz

Lowest Channel / 64QAM



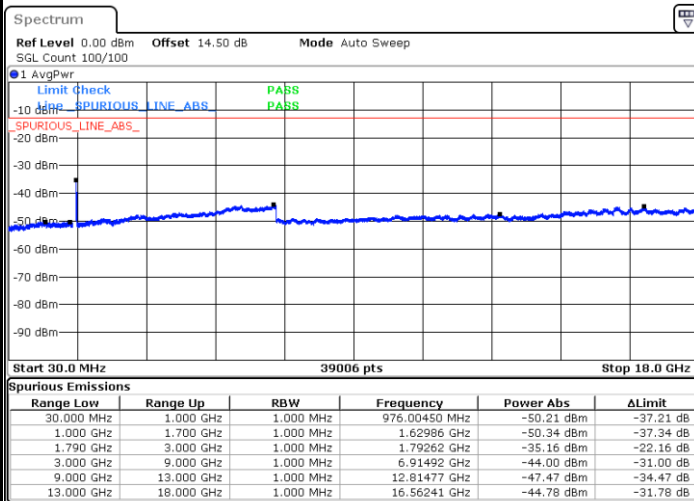
Date: 12.JUN.2022 17:41:40

Middle Channel / 64QAM



Date: 12.JUN.2022 17:43:33

Highest Channel / 64QAM

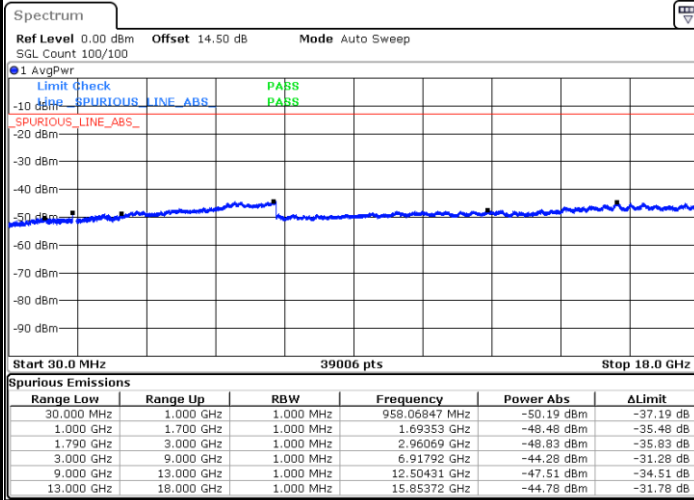


Date: 12.JUN.2022 17:46:48



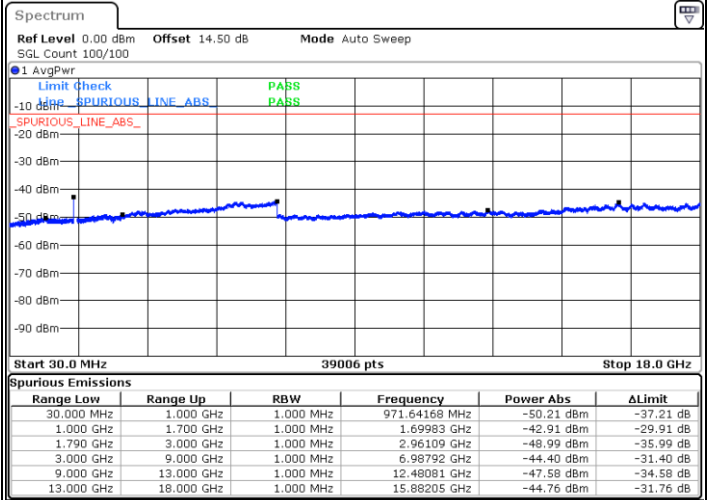
LTE Band 66 / 20MHz

Lowest Channel / 64QAM



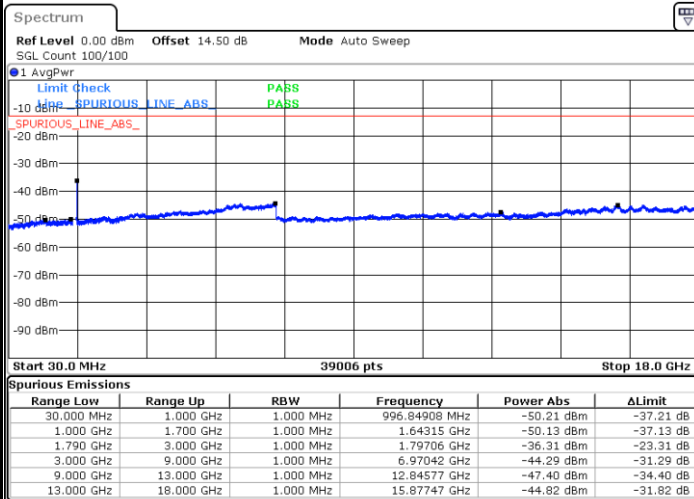
Date: 12.JUN.2022 19:26:42

Middle Channel / 64QAM



Date: 12.JUN.2022 19:28:24

Highest Channel / 64QAM



Date: 12.JUN.2022 19:31:17

**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	0.0022	PASS
40	Normal Voltage	0.0033	
30	Normal Voltage	0.0009	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0007	
0	Normal Voltage	0.0017	
-10	Normal Voltage	0.0028	
-20	Normal Voltage	0.0051	
-30	Normal Voltage	0.0053	
20	Maximum Voltage	0.0046	
20	Normal Voltage	0.0099	
20	Battery End Point	0.0029	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.25 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 :	Huiliang Zhao	Temperature :	22~25℃
		Relative Humidity :	48~52%

RSE are verified with Antenna 0/1/2/3 and X/Y/Z plane, choose the worst case to perform final test.

LTE Band 2 / 200MHz / QPSK / Ant.3									
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	-62.79	-13	-49.79	-77.22	-69.54	5.85	12.60	H
	5613.27	-61.92	-13	-48.92	-78.76	-67.72	7.30	13.10	H
	7484.36	-57.32	-13	-44.32	-79.70	-60.47	8.35	11.50	H
	3742.18	-62.38	-13	-49.38	-77.02	-69.13	5.85	12.60	V
	5613.27	-62.23	-13	-49.23	-78.98	-68.03	7.30	13.10	V
	7484.36	-57.02	-13	-44.02	-79.33	-60.17	8.35	11.50	V

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

LTE Band 12 / 10MHz / QPSK / Ant.0									
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	1406	-64.57	-13	-51.57	-72.53	-67.82	4.00	9.40	H
	2109	-64.17	-13	-51.17	-73.83	-67.74	4.88	10.60	H
	2812	-62.91	-13	-49.91	-74.77	-67.84	5.52	12.60	H
	1406	-64.62	-13	-51.62	-72.66	-67.87	4.00	9.40	V
	2109	-64.33	-13	-51.33	-74.36	-67.90	4.88	10.60	V
	2812	-62.85	-13	-49.85	-74.95	-67.78	5.52	12.60	V

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

LTE Band 13 / 5MHz / QPSK / Ant.0									
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	-65.69	-42.15	-23.54	-74.08	-68.94	4.00	9.40	H
	2339.25	-56.12	-13	-43.12	-67.60	-59.69	4.88	10.60	H
	3119	-62.54	-13	-49.54	-77.32	-67.47	5.52	12.60	H
	1559.5	-65.26	-42.15	-23.11	-73.42	-68.51	4.00	9.40	V
	2339.25	-59.42	-13	-46.42	-70.91	-62.99	4.88	10.60	V
	3119	-62.70	-13	-49.70	-77.29	-67.63	5.52	12.60	V

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



LTE Band 13 / 10MHz / QPSK / Ant.0									
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	-65.75	-42.15	-23.60	-74.14	-69.00	4.00	9.40	H
	2339.25	-64.37	-13	-51.37	-75.85	-67.94	4.88	10.60	H
	3119	-62.69	-13	-49.69	-77.47	-67.62	5.52	12.60	H
	1559.5	-65.85	-42.15	-23.70	-74.01	-69.10	4.00	9.40	V
	2339.25	-64.77	-13	-51.77	-76.26	-68.34	4.88	10.60	V
	3119	-62.97	-13	-49.97	-77.56	-67.90	5.52	12.60	V

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

LTE Band 26 / 15MHz / QPSK / Ant.0									
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	1659.5	-66.87	-13	-53.87	-72.99	-70.12	4.00	9.40	H
	2489.25	-63.84	-13	-50.84	-74.05	-67.41	4.88	10.60	H
	3319	-64.25	-13	-51.25	-76.29	-69.18	5.52	12.60	H
	1659.5	-67.17	-13	-54.17	-73.10	-70.42	4.00	9.40	V
	2489.25	-63.88	-13	-50.88	-74.44	-67.45	4.88	10.60	V
	3319	-63.91	-13	-50.91	-76.37	-68.84	5.52	12.60	V

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

LTE Band 66 / 20MHz / QPSK / Ant.2									
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	-58.40	-13	-45.40	-77.99	-65.25	5.65	12.50	H
	5238	-57.09	-13	-44.09	-80.68	-62.76	7.13	12.80	H
	6984	-55.62	-13	-42.62	-80.66	-59.02	8.40	11.80	H
	3492	-57.82	-13	-44.82	-71.29	-64.67	5.65	12.50	V
	5238	-56.74	-13	-43.74	-80.88	-62.41	7.13	12.80	V
	6984	-55.10	-13	-42.10	-81.31	-58.50	8.40	11.80	V

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