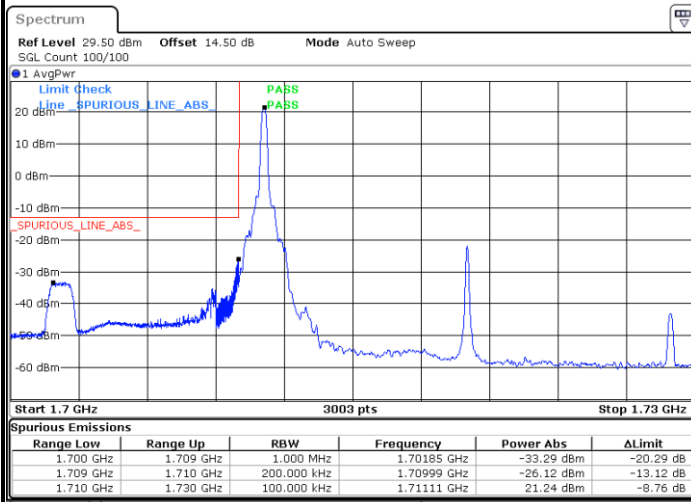


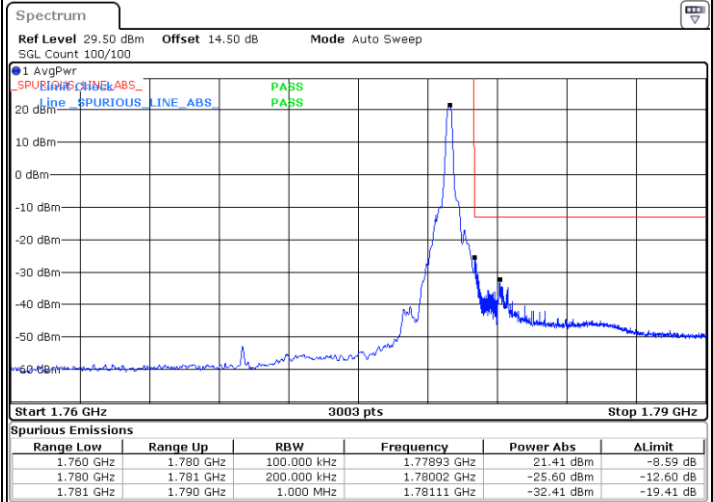


LTE Band 66 / 20MHz / QPSK

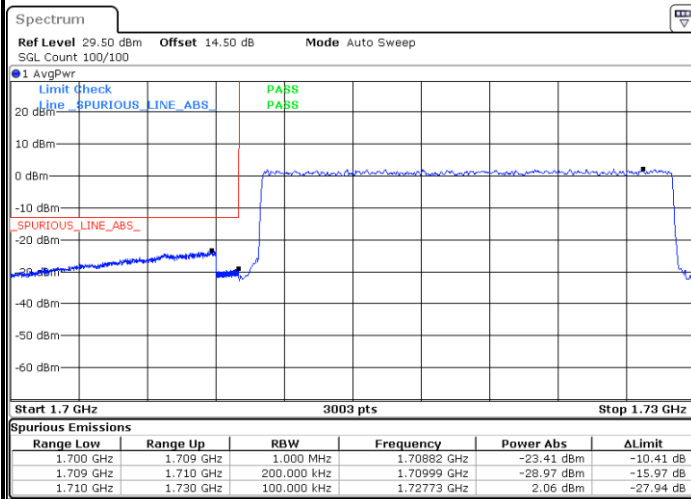
Lowest Band Edge / 1 RB



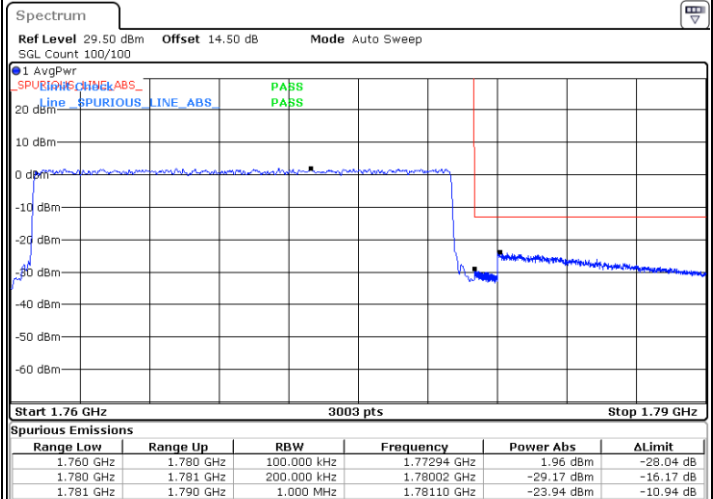
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



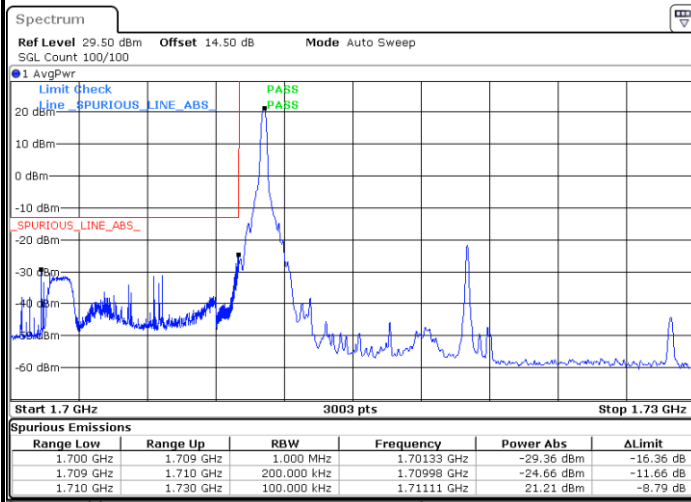
Highest Band Edge / Full RB



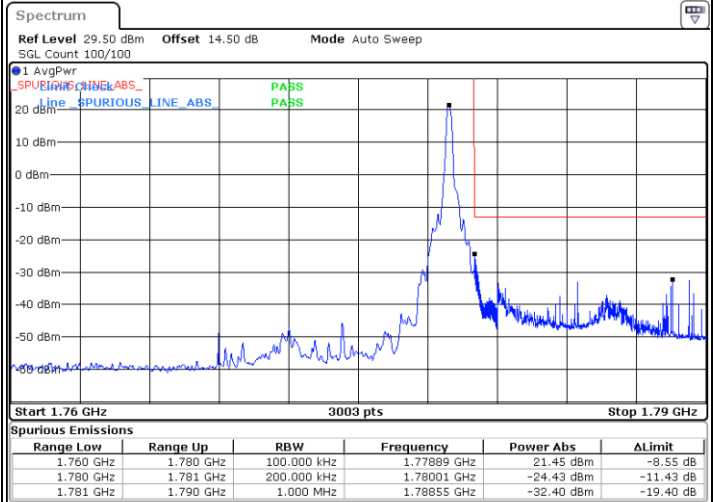


LTE Band 66 / 20MHz / 16QAM

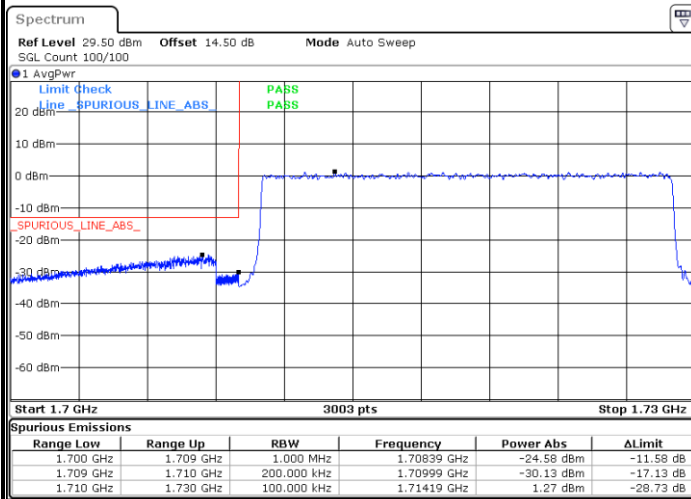
Lowest Band Edge / 1 RB



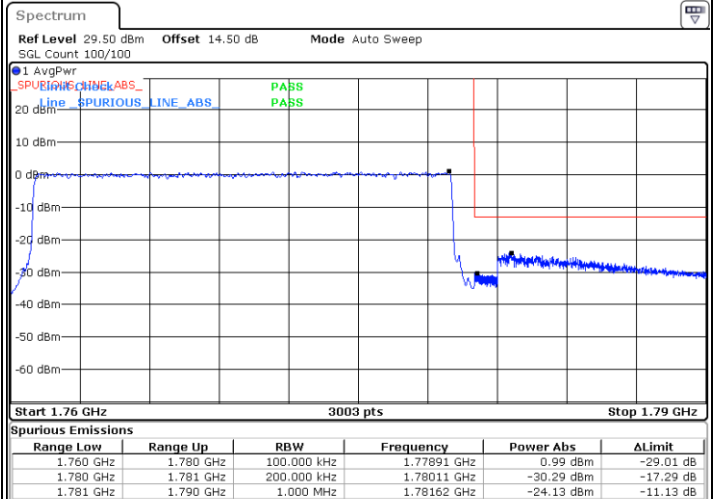
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



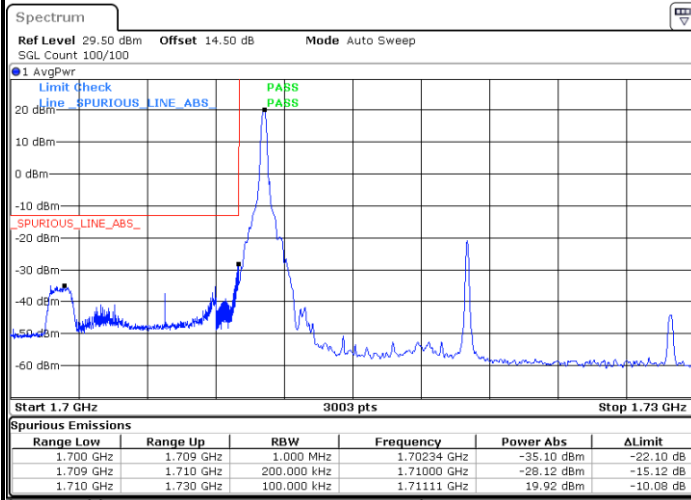
Highest Band Edge / Full RB



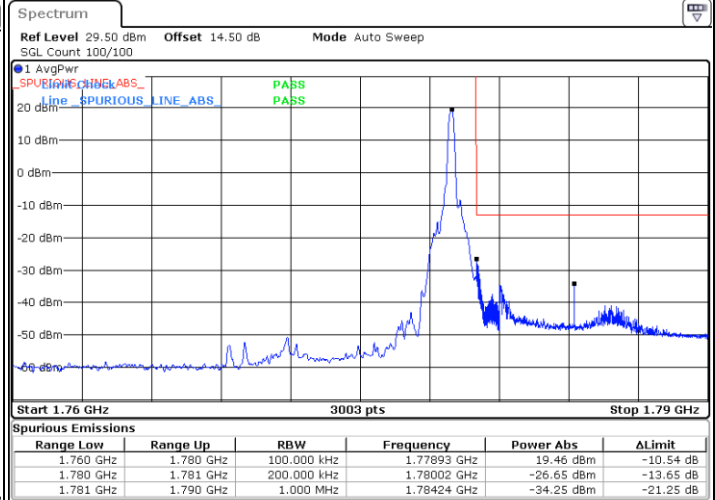


LTE Band 66 / 20MHz / 64QAM

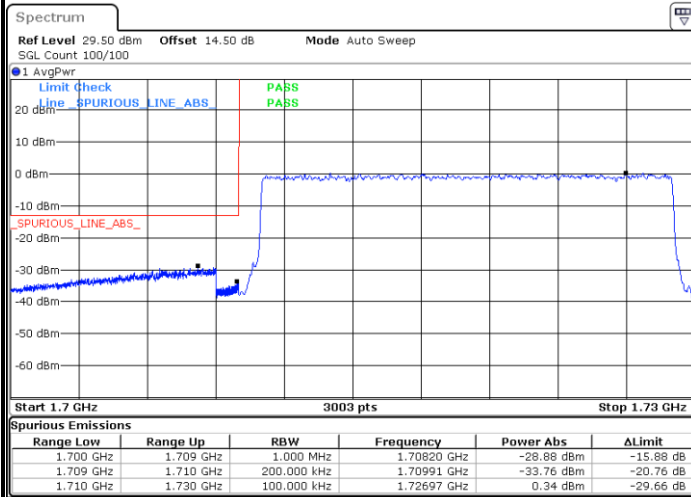
Lowest Band Edge / 1 RB



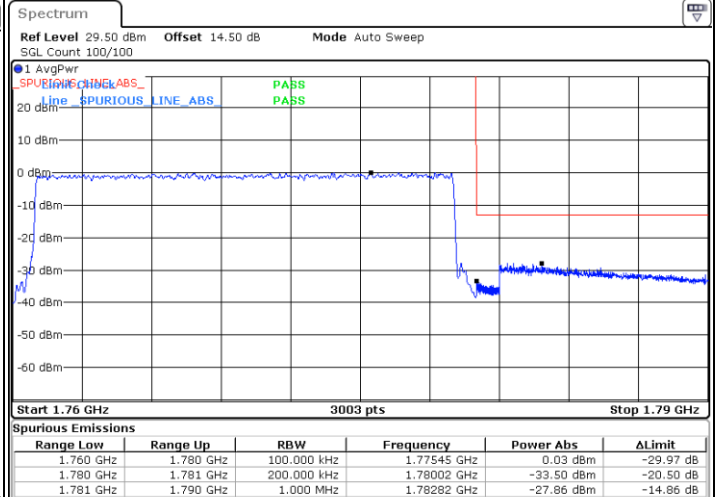
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB

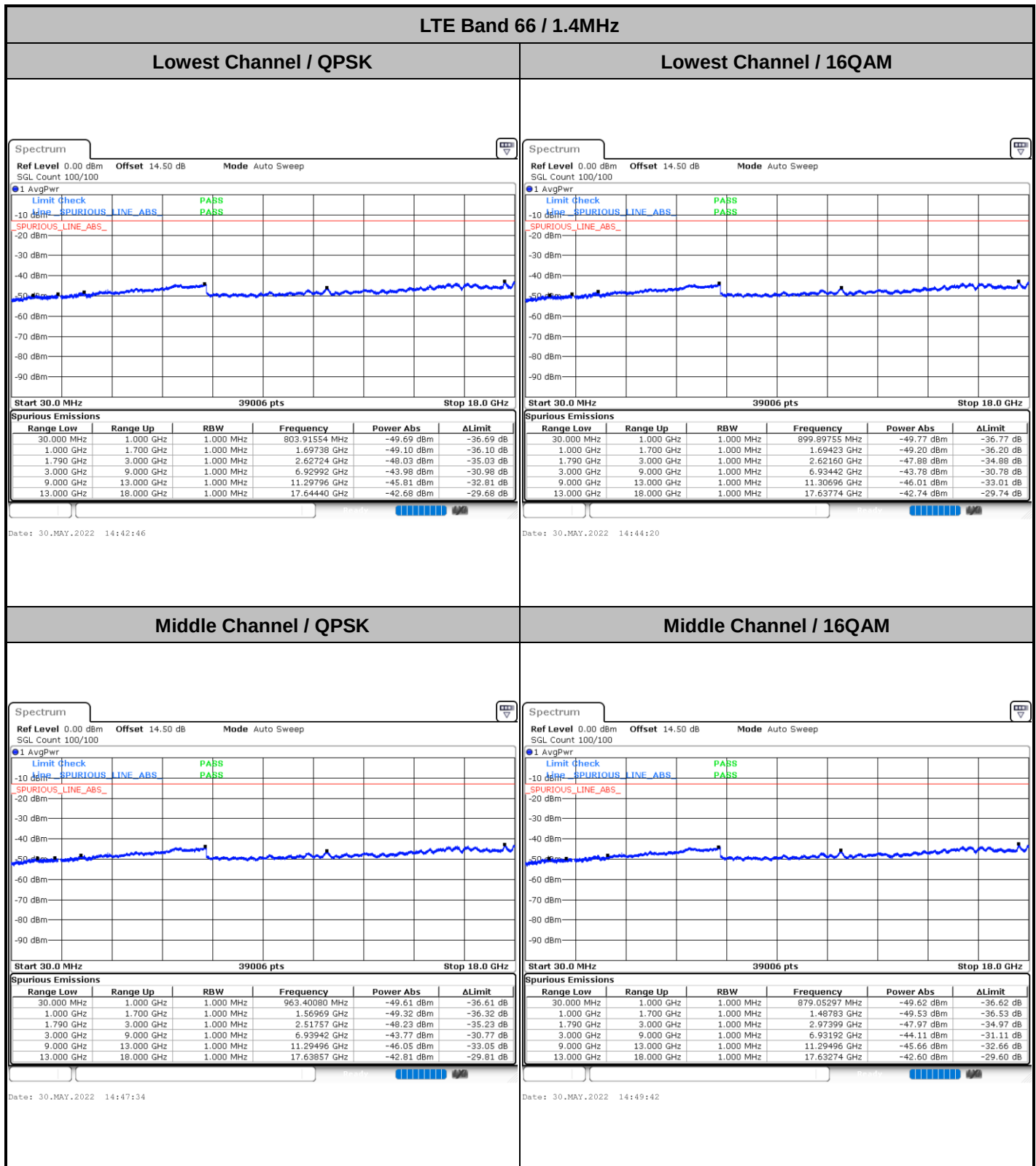


Highest Band Edge / Full RB





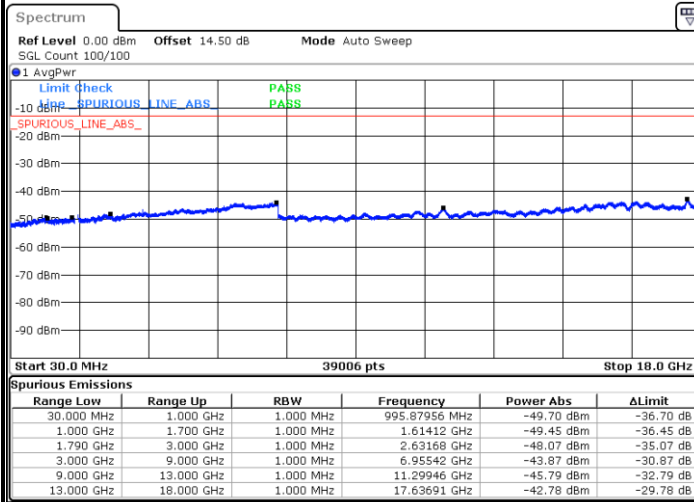
Conducted Spurious Emission





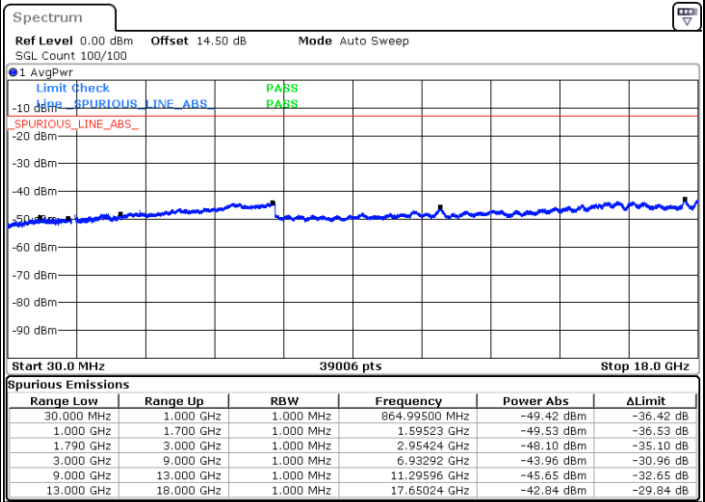
LTE Band 66 / 1.4MHz

Highest Channel / QPSK



Date: 30.MAY.2022 14:59:53

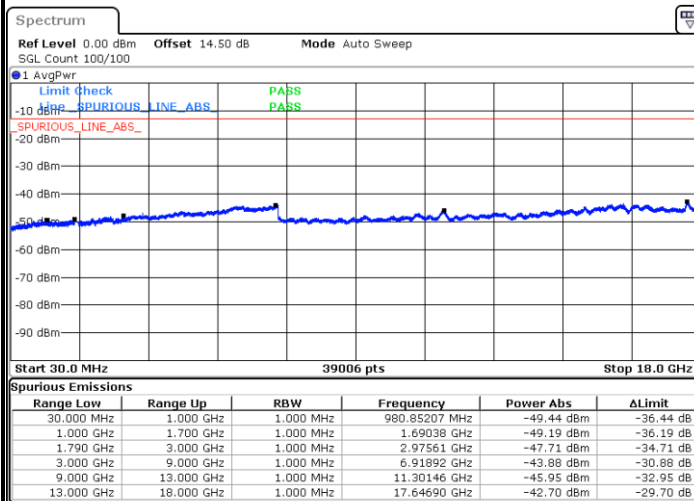
Highest Channel / 16QAM



Date: 30.MAY.2022 15:01:22

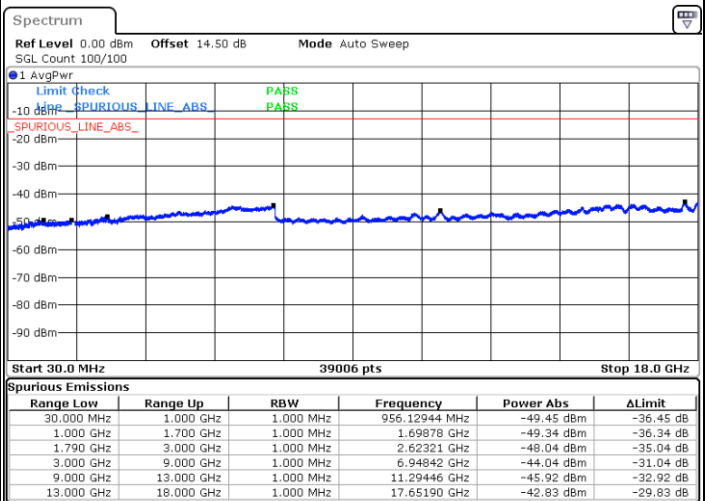
LTE Band 66 / 3MHz

Lowest Channel / QPSK



Date: 30.MAY.2022 15:25:06

Lowest Channel / 16QAM

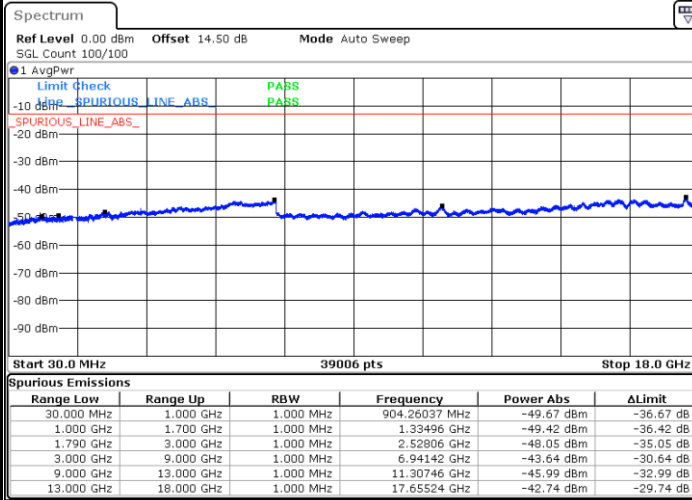


Date: 30.MAY.2022 15:26:35



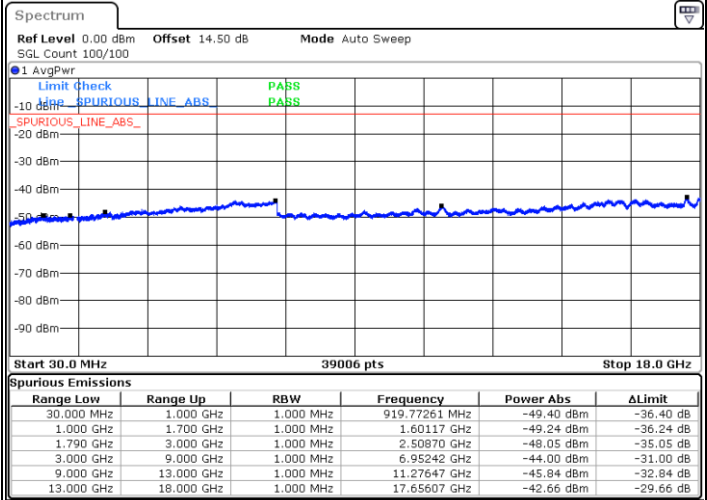
LTE Band 66 / 3MHz

Middle Channel / QPSK



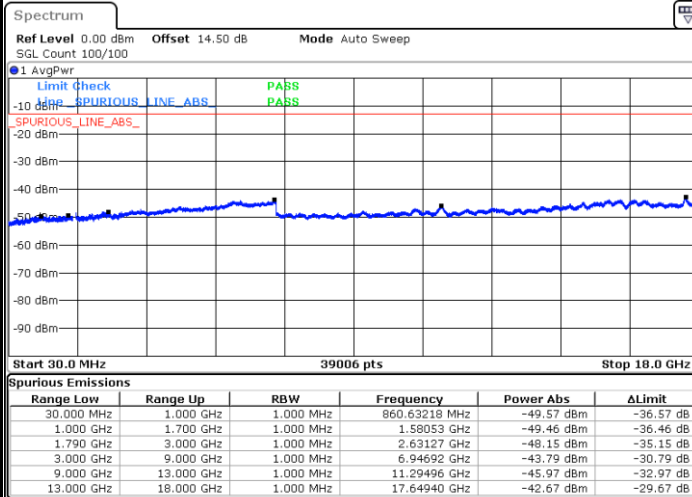
Date: 30.MAY.2022 15:29:50

Middle Channel / 16QAM



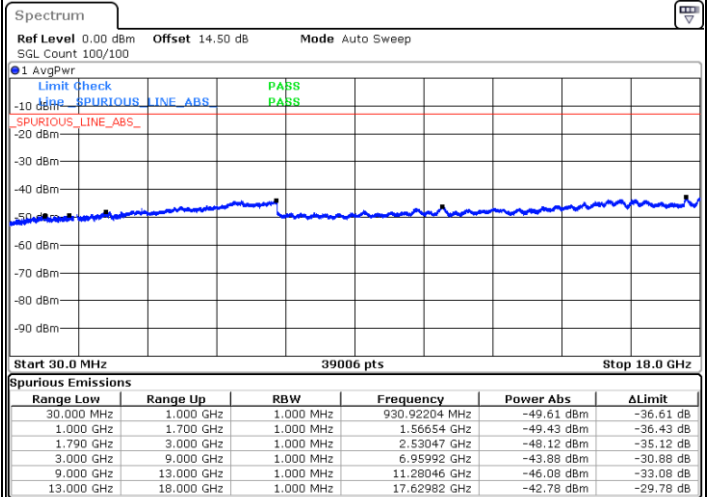
Date: 30.MAY.2022 15:31:20

Highest Channel / QPSK



Date: 30.MAY.2022 15:41:30

Highest Channel / 16QAM

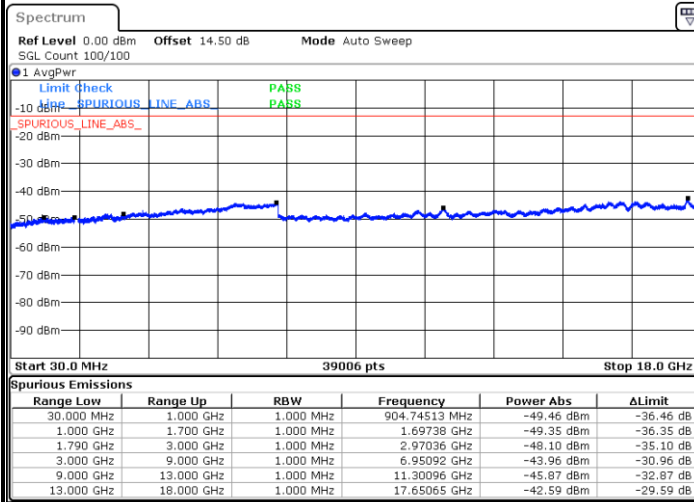


Date: 30.MAY.2022 15:42:59



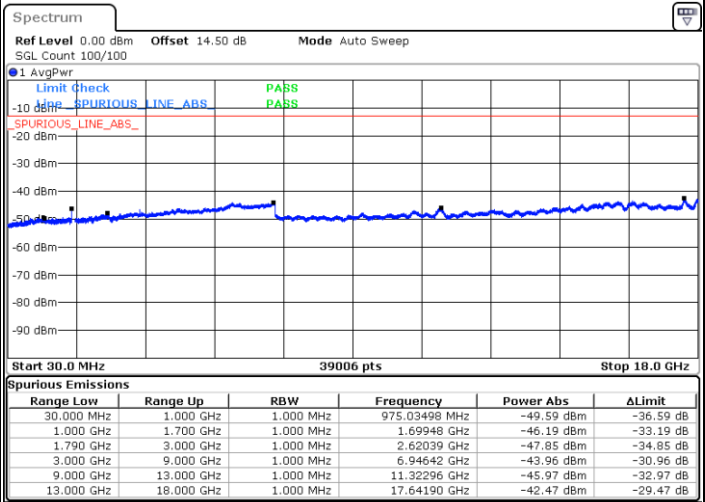
LTE Band 66 / 5MHz

Lowest Channel / QPSK



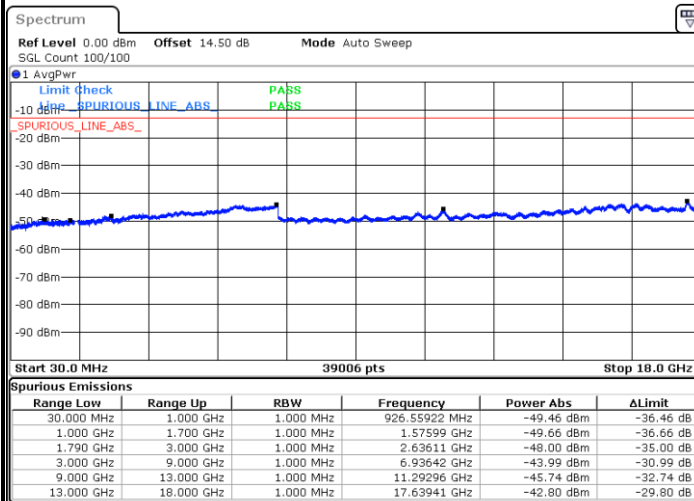
Date: 30.MAY.2022 16:20:15

Lowest Channel / 16QAM



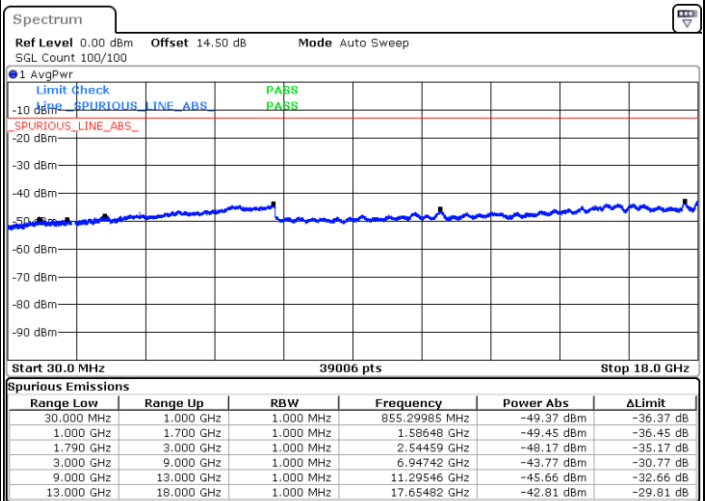
Date: 30.MAY.2022 16:21:48

Middle Channel / QPSK



Date: 30.MAY.2022 16:25:03

Middle Channel / 16QAM

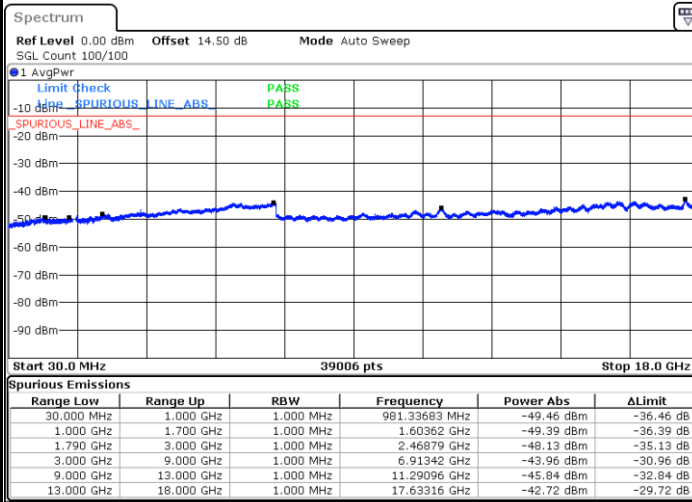


Date: 30.MAY.2022 16:26:33



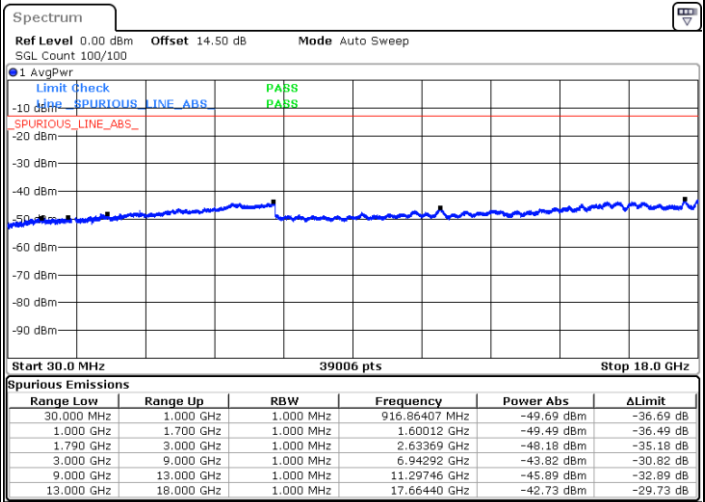
LTE Band 66 / 5MHz

Highest Channel / QPSK



Date: 30.MAY.2022 16:36:44

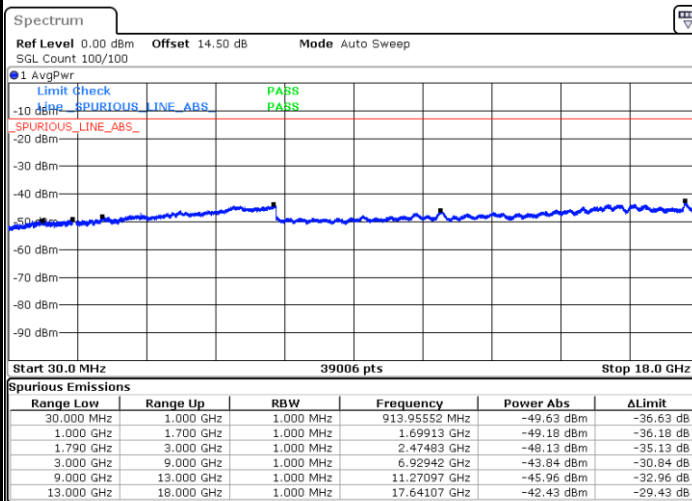
Highest Channel / 16QAM



Date: 30.MAY.2022 16:38:13

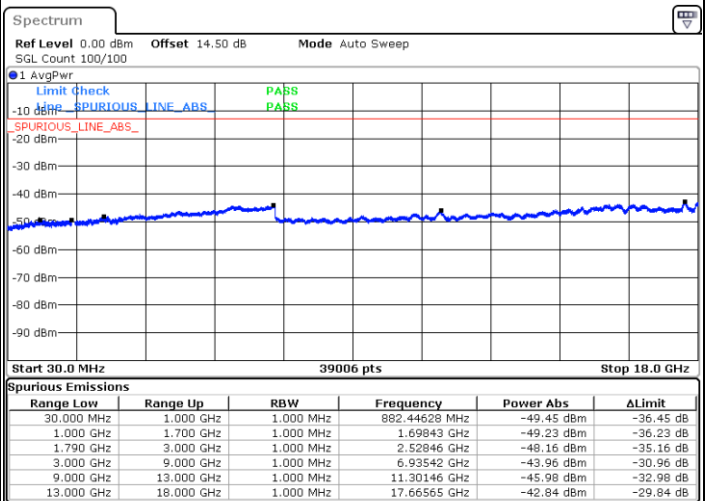
LTE Band 66 / 10MHz

Lowest Channel / QPSK



Date: 30.MAY.2022 16:48:27

Lowest Channel / 16QAM

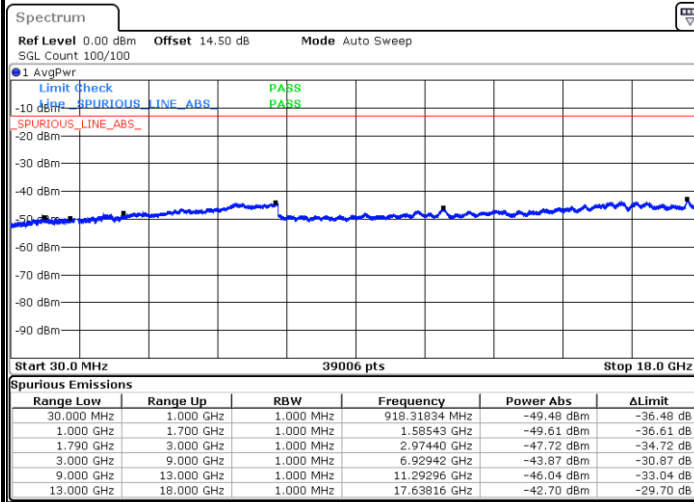


Date: 30.MAY.2022 16:49:58



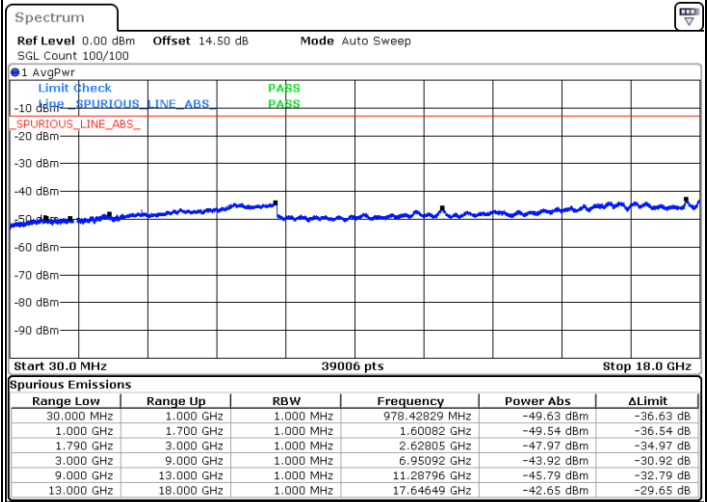
LTE Band 66 / 10MHz

Middle Channel / QPSK



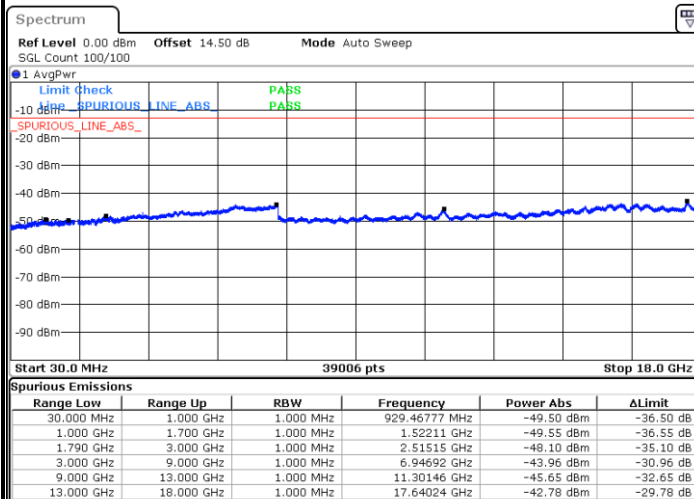
Date: 30.MAY.2022 16:53:09

Middle Channel / 16QAM



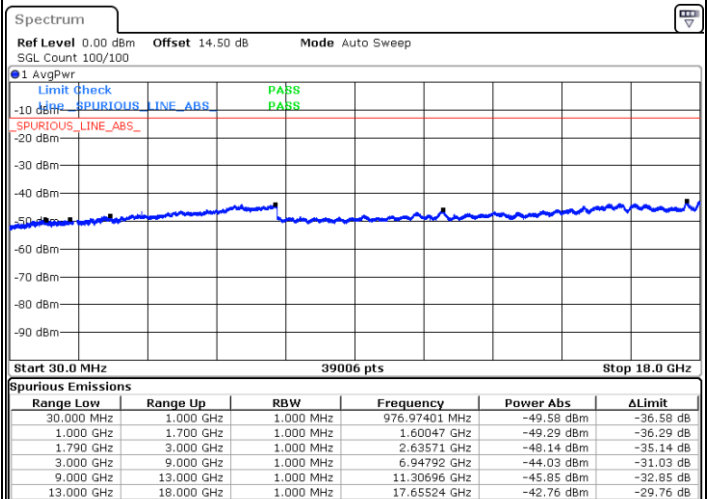
Date: 30.MAY.2022 16:54:39

Highest Channel / QPSK



Date: 30.MAY.2022 17:04:47

Highest Channel / 16QAM

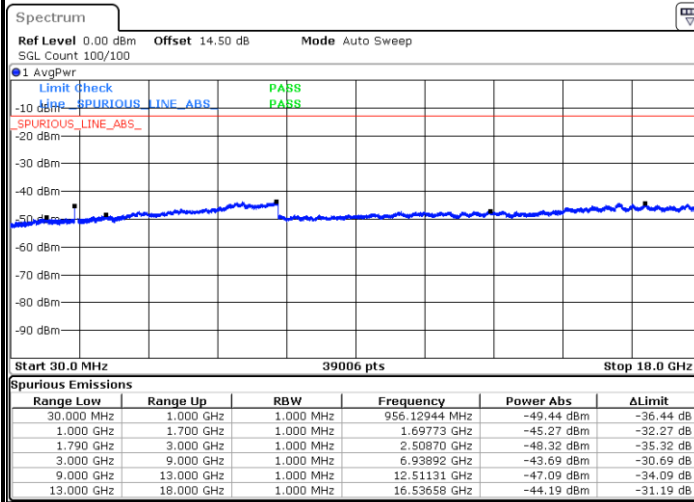


Date: 30.MAY.2022 17:06:16



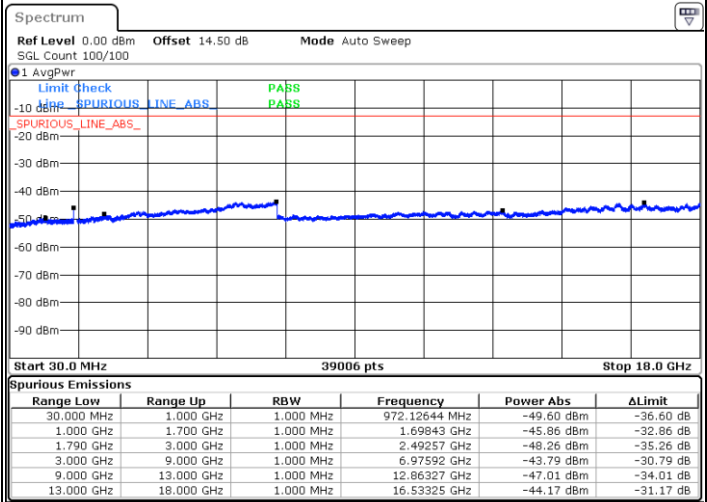
LTE Band 66 / 15MHz

Lowest Channel / QPSK



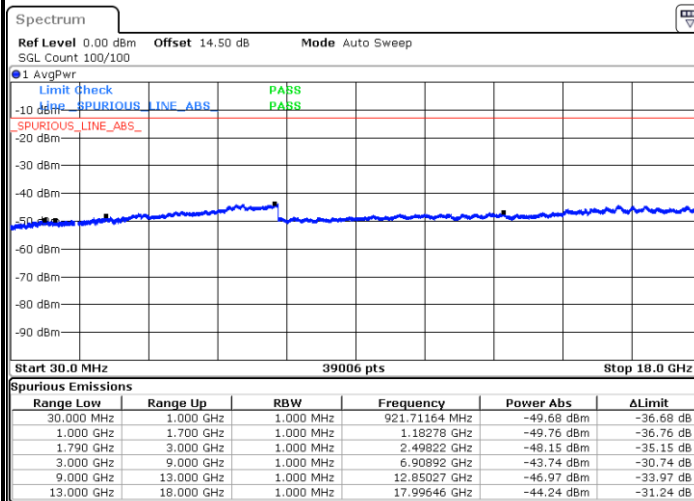
Date: 7 JUN. 2022 01:10:53

Lowest Channel / 16QAM



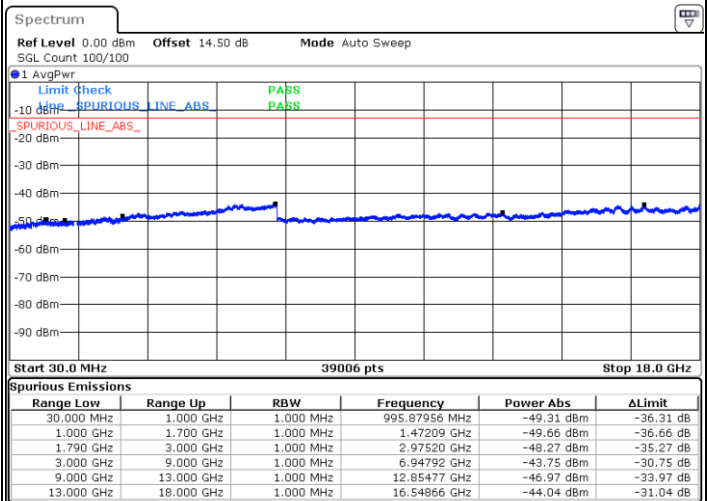
Date: 7 JUN. 2022 01:12:17

Middle Channel / QPSK



Date: 7 JUN. 2022 01:15:28

Middle Channel / 16QAM

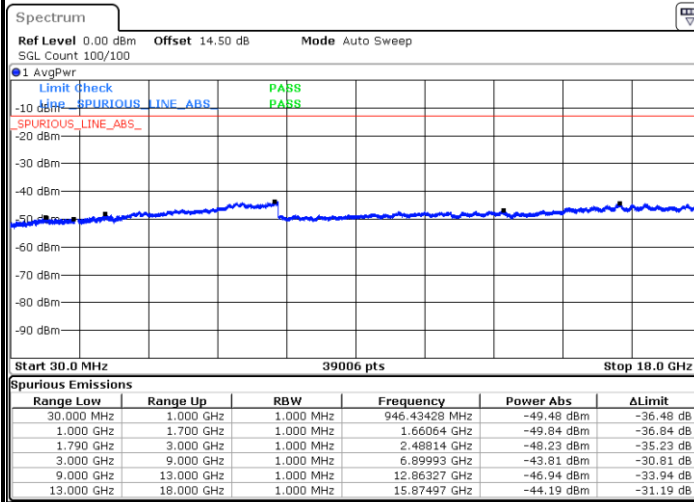


Date: 7 JUN. 2022 01:16:51



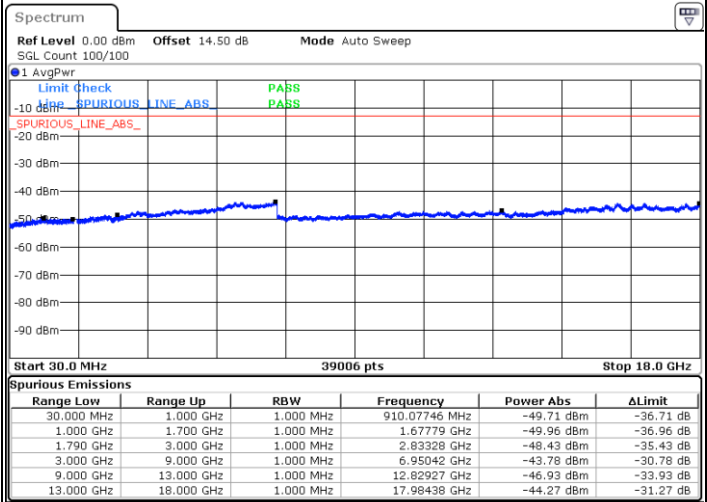
LTE Band 66 / 15MHz

Highest Channel / QPSK



Date: 7 JUN. 2022 01:24:17

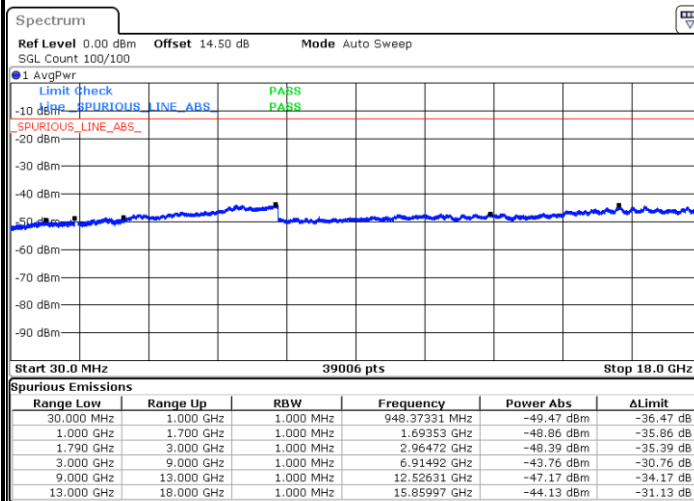
Highest Channel / 16QAM



Date: 7 JUN. 2022 01:25:41

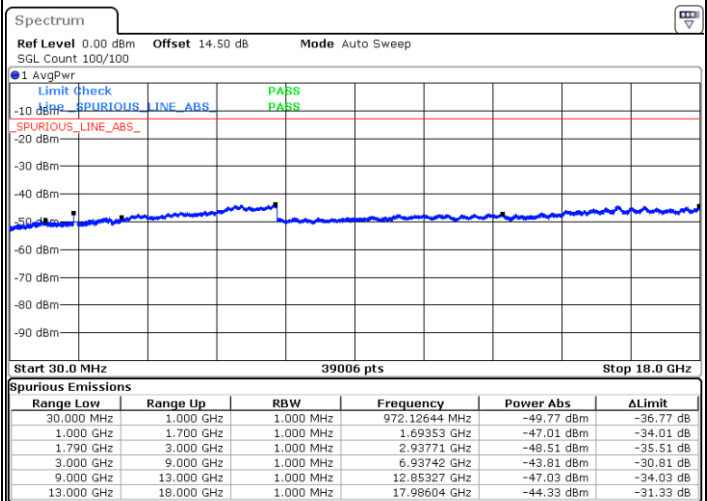
LTE Band 66 / 20MHz

Lowest Channel / QPSK



Date: 7 JUN. 2022 01:33:05

Lowest Channel / 16QAM

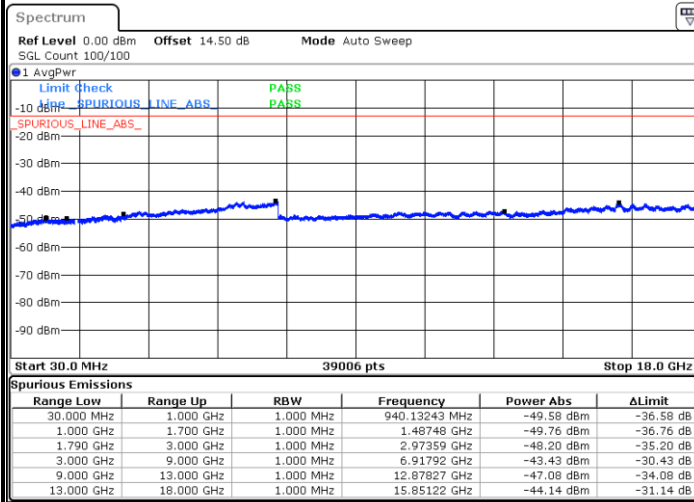


Date: 7 JUN. 2022 01:34:29



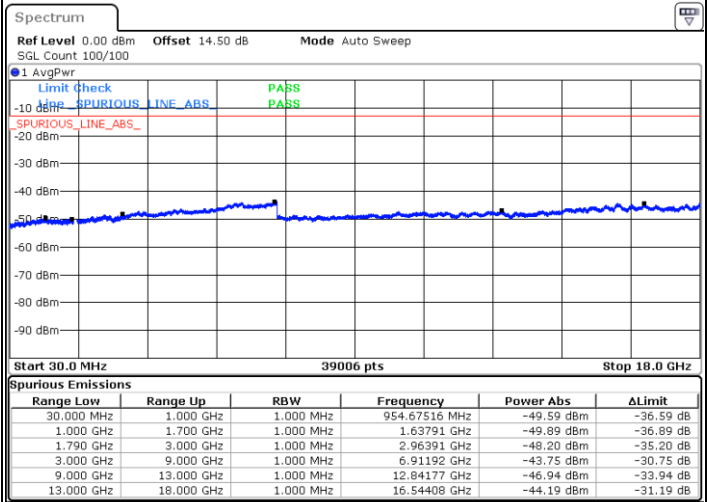
LTE Band 66 / 20MHz

Middle Channel / QPSK



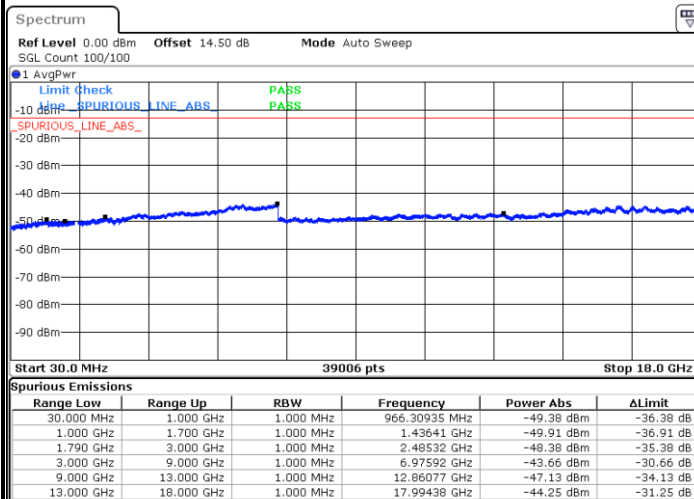
Date: 7 JUN 2022 01:37:36

Middle Channel / 16QAM



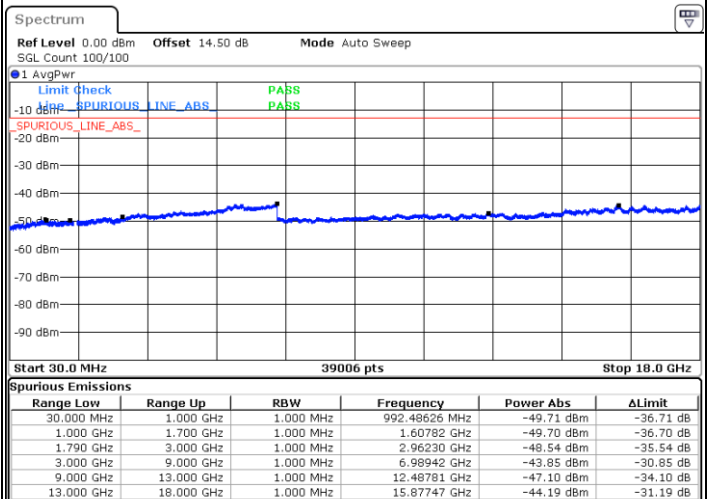
Date: 7 JUN 2022 01:39:00

Highest Channel / QPSK



Date: 7 JUN 2022 01:46:21

Highest Channel / 16QAM

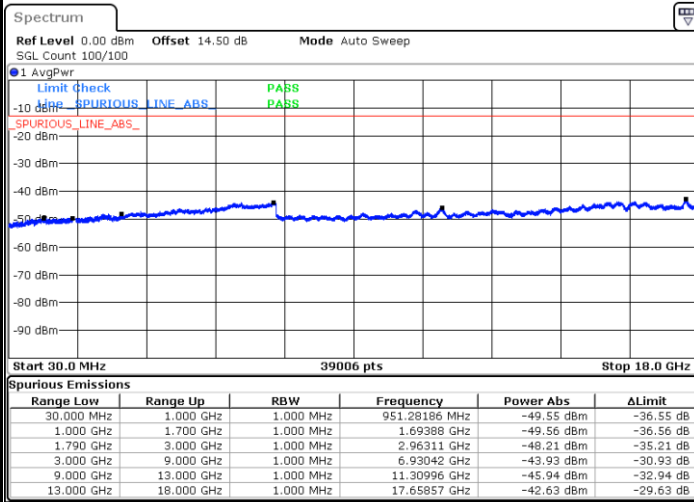


Date: 7 JUN 2022 01:47:45



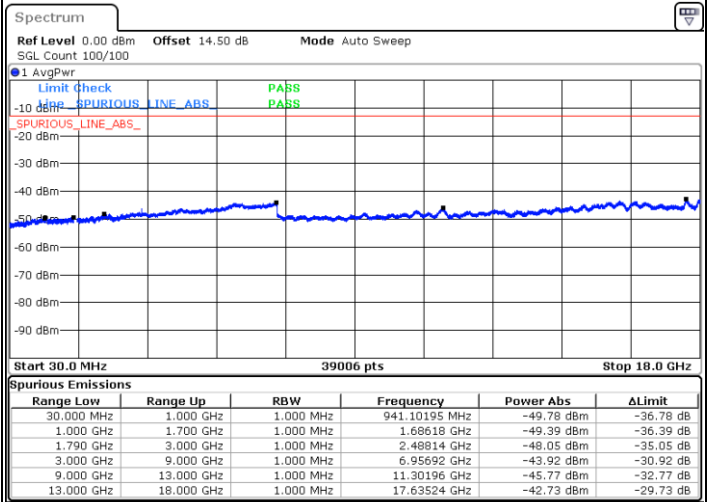
LTE Band 66 / 1.4MHz

Lowest Channel / 64QAM



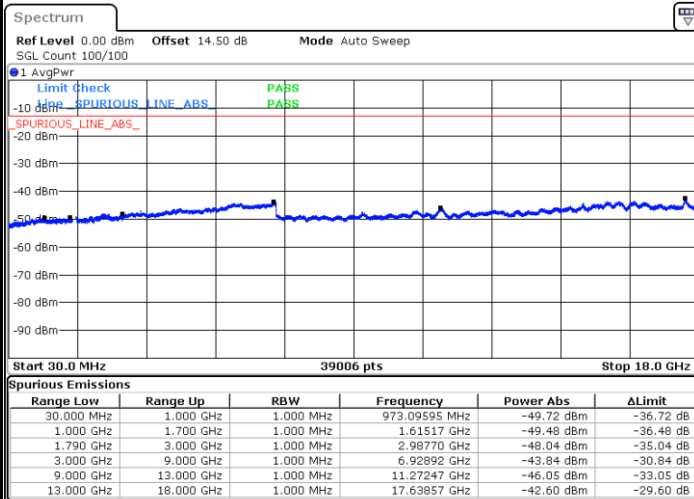
Date: 30.MAY.2022 15:07:02

Middle Channel / 64QAM



Date: 30.MAY.2022 15:09:12

Highest Channel / 64QAM



Date: 30.MAY.2022 15:14:53

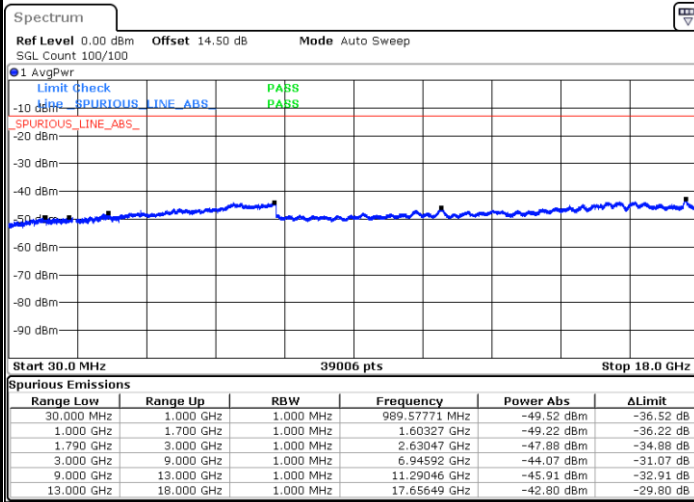
N/A

N/A



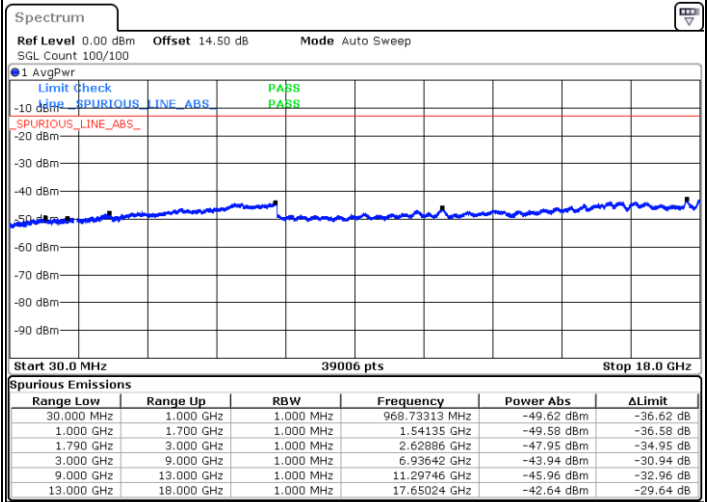
LTE Band 66 / 3MHz

Lowest Channel / 64QAM



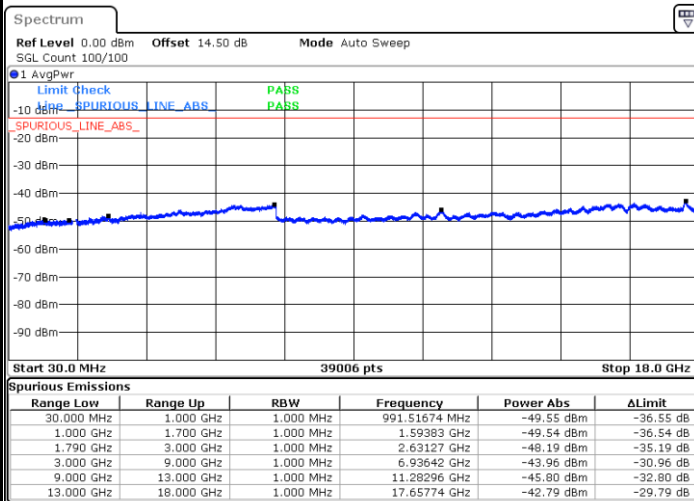
Date: 30.MAY.2022 15:48:39

Middle Channel / 64QAM



Date: 30.MAY.2022 15:50:49

Highest Channel / 64QAM



Date: 30.MAY.2022 15:56:29

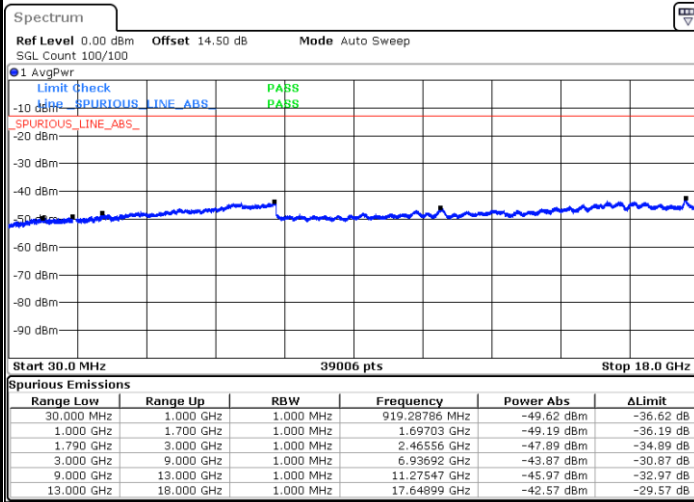
N/A

N/A



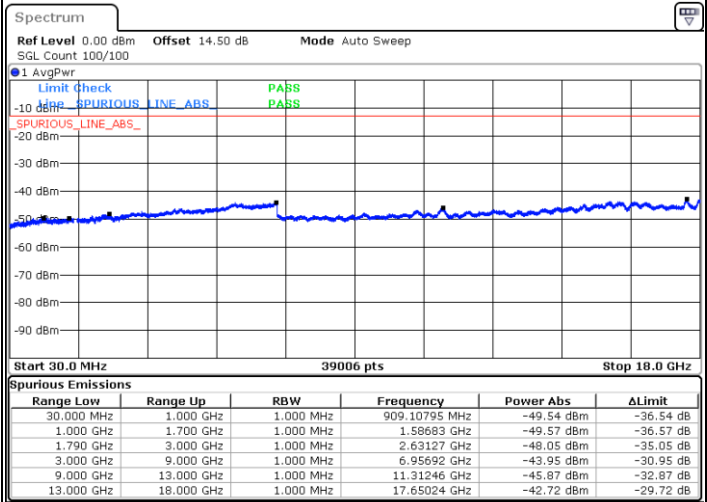
LTE Band 66 / 5MHz

Lowest Channel / 64QAM



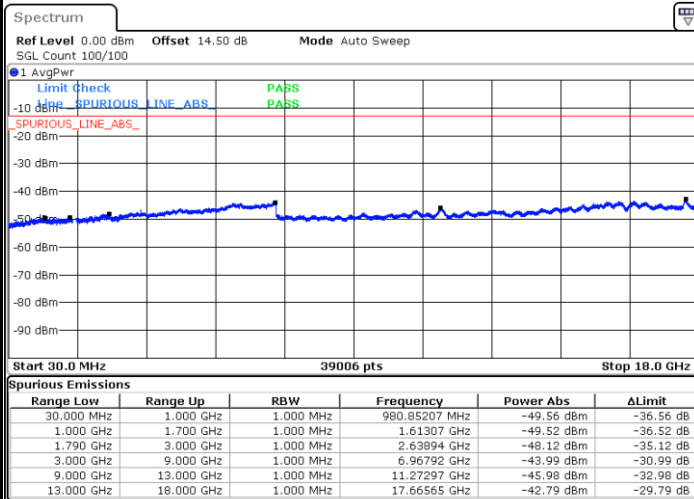
Date: 30.MAY.2022 16:02:11

Middle Channel / 64QAM



Date: 30.MAY.2022 16:04:23

Highest Channel / 64QAM



Date: 30.MAY.2022 16:10:03

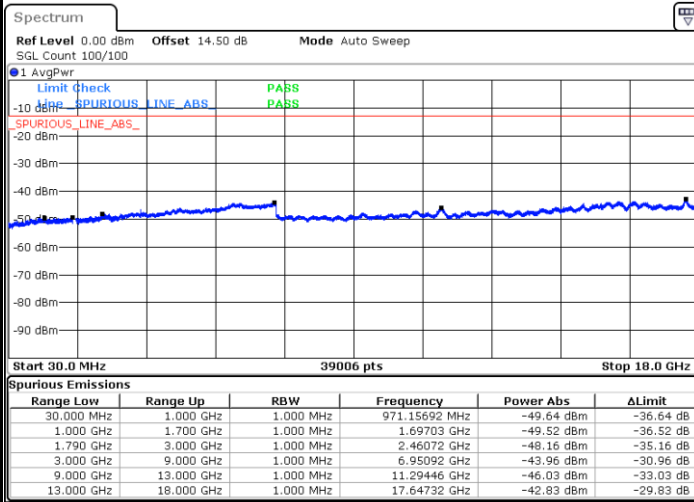
N/A

N/A



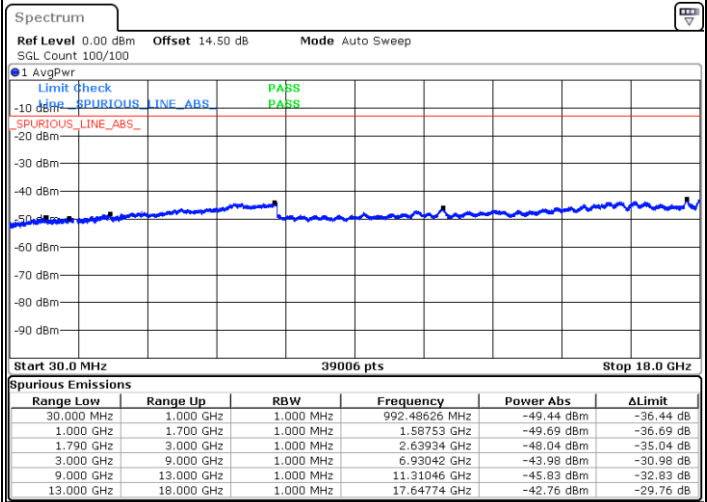
LTE Band 66 / 10MHz

Lowest Channel / 64QAM



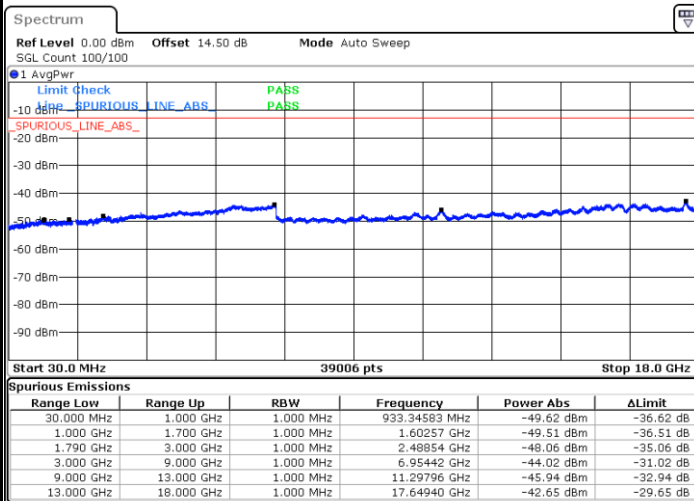
Date: 30.MAY.2022 17:11:56

Middle Channel / 64QAM



Date: 30.MAY.2022 17:14:07

Highest Channel / 64QAM



Date: 30.MAY.2022 17:19:46

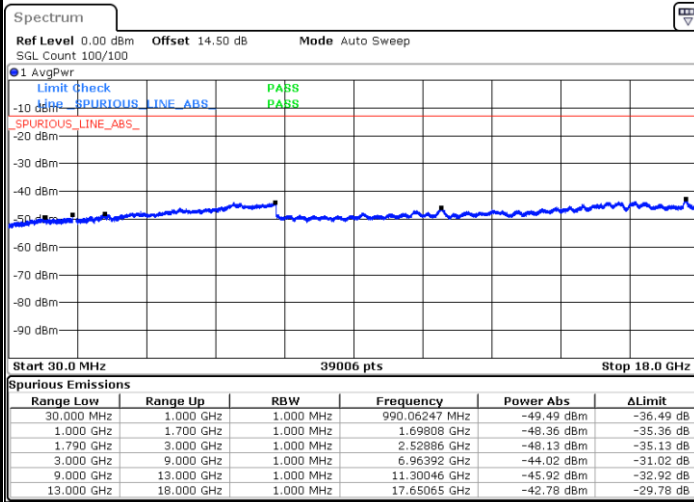
N/A

N/A



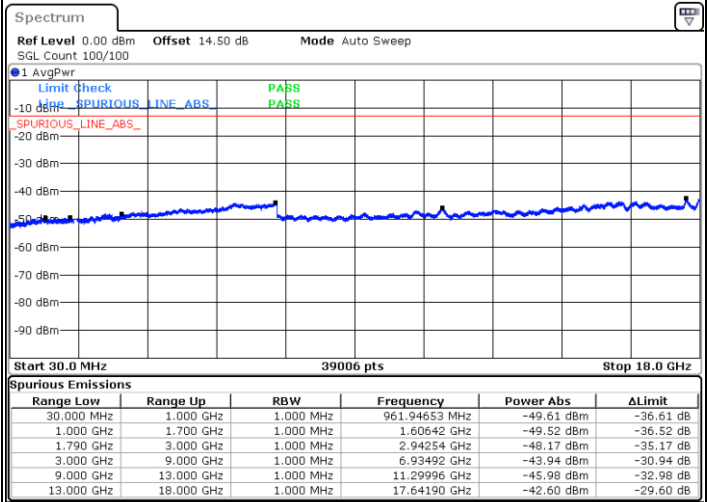
LTE Band 66 / 15MHz

Lowest Channel / 64QAM



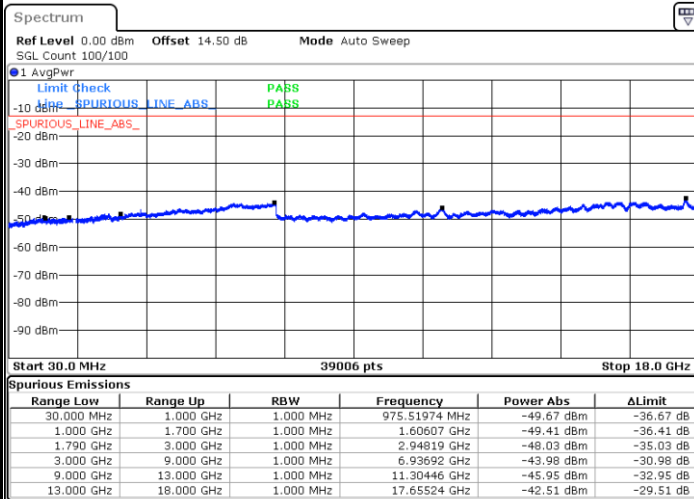
Date: 30.MAY.2022 17:25:28

Middle Channel / 64QAM



Date: 30.MAY.2022 17:27:39

Highest Channel / 64QAM



Date: 30.MAY.2022 17:33:18

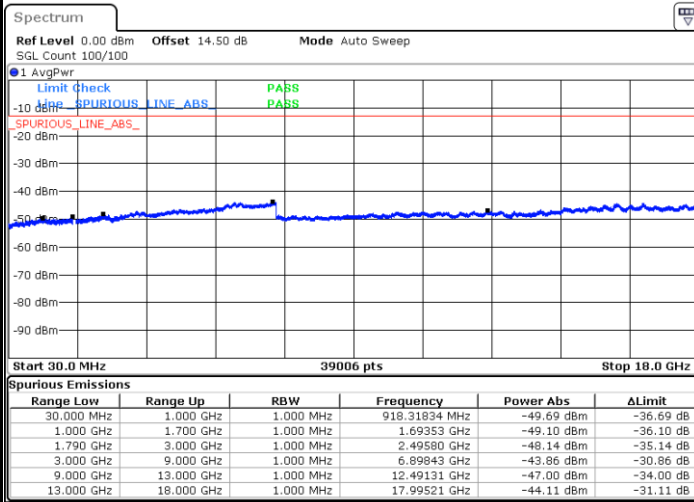
N/A

N/A



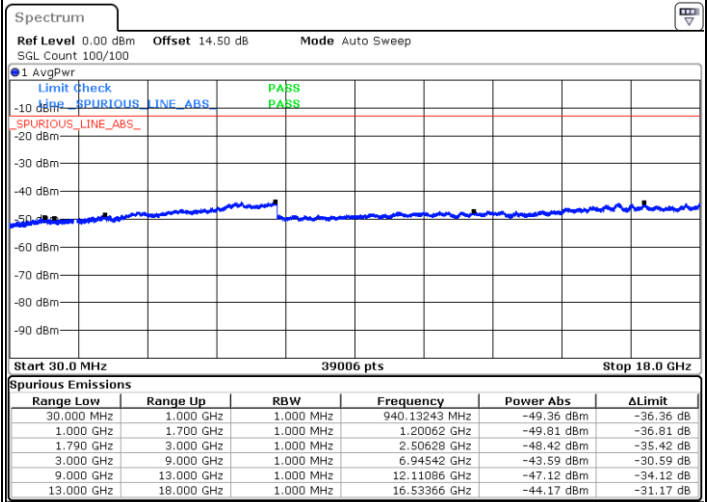
LTE Band 66 / 20MHz

Lowest Channel / 64QAM



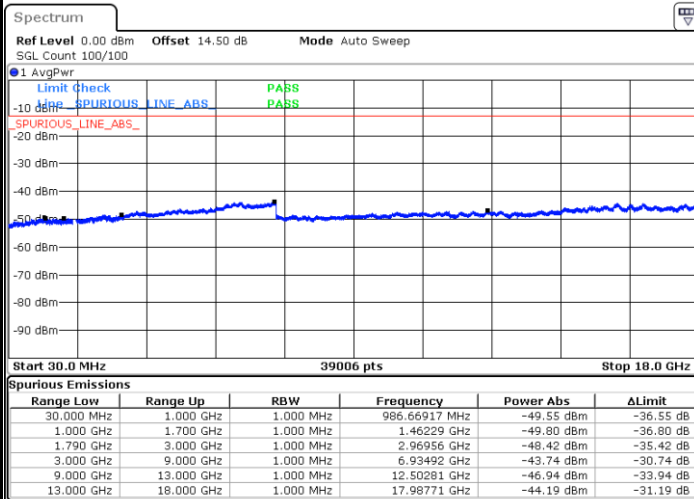
Date: 7.JUN.2022 01:51:58

Middle Channel / 64QAM



Date: 7.JUN.2022 01:54:03

Highest Channel / 64QAM



Date: 7.JUN.2022 01:58:15

N/A

N/A

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	0.0027	
30	Normal Voltage	0.0007	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0001	
0	Normal Voltage	0.0013	
-10	Normal Voltage	0.0010	
-20	Normal Voltage	0.0005	
-30	Normal Voltage	0.0011	
20	Maximum Voltage	0.0011	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0009	

Note:

1. Normal Voltage =7.78 V. ; Battery End Point (BEP) =6 V. ; Maximum Voltage =8.96 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℃
		Relative Humidity :	48~52%

RSE pre-scanned all the supported antennas and choose the worst antenna to do final test.

LTE Band 12_ANT 1 / 10MHz / QPSK									
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)
Lowest	1399	-64.53	-13	-51.53	-72.55	-67.76	3.98	9.36	H
	2098.5	-64.42	-13	-51.42	-73.89	-67.97	4.85	10.55	H
	2798	-63.34	-13	-50.34	-75.15	-68.27	5.50	12.58	H
	1399	-64.68	-13	-51.68	-72.76	-67.91	3.98	9.36	V
	2098.5	-64.36	-13	-51.36	-74.21	-67.91	4.85	10.55	V
	2798	-62.98	-13	-49.98	-75.03	-67.91	5.50	12.58	V
Middle	1406	-64.23	-13	-51.23	-72.19	-67.48	4.00	9.40	H
	2109	-64.64	-13	-51.64	-74.30	-68.21	4.88	10.60	H
	2812	-62.98	-13	-49.98	-74.84	-67.91	5.52	12.60	H
	1406	-63.82	-13	-50.82	-71.86	-67.07	4.00	9.40	V
	2109	-64.22	-13	-51.22	-74.25	-67.79	4.88	10.60	V
	2812	-62.89	-13	-49.89	-74.99	-67.82	5.52	12.60	V
Highest	1413	-64.40	-13	-51.40	-72.28	-67.57	4.10	9.42	H
	2119.5	-64.60	-13	-51.60	-74.44	-68.18	4.90	10.63	H
	2826	-63.12	-13	-50.12	-75.00	-68.04	5.55	12.62	H
	1413	-63.84	-13	-50.84	-71.80	-67.01	4.10	9.42	V
	2119.5	-64.46	-13	-51.46	-74.67	-68.04	4.90	10.63	V
	2826	-62.75	-13	-49.75	-74.88	-67.67	5.55	12.62	V

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



LTE Band 13_ANT 1 / 5MHz / QPSK									
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)
Lowest	1554.5	-66.51	-13	-53.51	-73.20	-69.74	3.98	9.36	H
	2331.75	-64.40	-13	-51.4	-75.10	-67.95	4.85	10.55	H
	3109	-62.82	-13	-49.82	-75.46	-67.75	5.50	12.58	H
	1554.5	-65.71	-13	-52.71	-72.60	-68.94	3.98	9.36	V
	2331.75	-63.49	-13	-50.49	-74.58	-67.04	4.85	10.55	V
	3109	-62.45	-13	-49.45	-75.59	-67.38	5.50	12.58	V
Middle	1559.5	-66.42	-42.15	-24.27	-73.05	-69.67	4.00	9.40	H
	2339.25	-64.09	-13	-51.09	-74.78	-67.66	4.88	10.60	H
	3119	-63.02	-13	-50.02	-75.71	-67.95	5.52	12.60	H
	1559.5	-66.09	-42.15	-23.94	-72.93	-69.34	4.00	9.40	V
	2339.25	-64.13	-13	-51.13	-75.21	-67.70	4.88	10.60	V
	3119	-62.55	-13	-49.55	-75.75	-67.48	5.52	12.60	V
Highest	1564.5	-66.74	-42.15	-24.59	-73.31	-69.91	4.10	9.42	H
	2346.75	-64.45	-13	-51.45	-75.10	-68.03	4.90	10.63	H
	3129	-62.70	-13	-49.70	-75.42	-67.62	5.55	12.62	H
	1564.5	-65.49	-42.15	-23.34	-72.28	-68.66	4.10	9.42	V
	2346.75	-64.00	-13	-51.00	-75.04	-67.58	4.90	10.63	V
	3129	-62.17	-13	-49.17	-75.42	-67.09	5.55	12.62	V

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

LTE Band 13_ANT 1 / 10MHz / QPSK									
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	1559.5	-66.69	-42.15	-24.54	-73.32	-69.94	4.00	9.40	H
	2339.25	-64.58	-13	-51.58	-75.27	-68.15	4.88	10.60	H
	3119	-63.00	-13	-50.00	-75.69	-67.93	5.52	12.60	H
	1559.5	-65.86	-42.15	-23.71	-72.70	-69.11	4.00	9.40	V
	2339.25	-63.70	-13	-50.70	-74.78	-67.27	4.88	10.60	V
	3119	-62.45	-13	-49.45	-75.65	-67.38	5.52	12.60	V

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



LTE Band 25_ANT 2 / 20MHz / QPSK									
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)
Lowest	3702	-62.50	-13	-49.50	-76.84	-69.26	5.82	12.58	H
	5553	-63.11	-13	-50.11	-79.75	-68.83	7.28	13.00	H
	7404	-56.64	-13	-43.64	-79.28	-59.80	8.32	11.48	H
	3702	-62.21	-13	-49.21	-76.84	-68.97	5.82	12.58	V
	5553	-62.87	-13	-49.87	-79.56	-68.59	7.28	13.00	V
	7404	-56.75	-13	-43.75	-79.43	-59.91	8.32	11.48	V
Middle	3747	-62.35	-13	-49.35	-76.78	-69.10	5.85	12.60	H
	5620.5	-61.63	-13	-48.63	-78.48	-67.43	7.30	13.10	H
	7494	-57.09	-13	-44.09	-79.44	-60.24	8.35	11.50	H
	3747	-61.81	-13	-48.81	-76.45	-68.56	5.85	12.60	V
	5620.5	-62.04	-13	-49.04	-78.8	-67.84	7.30	13.10	V
	7494	-57.28	-13	-44.28	-79.55	-60.43	8.35	11.50	V
Highest	3792	-62.32	-13	-49.32	-76.85	-69.06	5.88	12.62	H
	5688	-61.82	-13	-48.82	-78.88	-67.63	7.32	13.13	H
	7584	-56.89	-13	-43.89	-79.04	-60.05	8.38	11.54	H
	3792	-61.73	-13	-48.73	-76.38	-68.47	5.88	12.62	V
	5688	-61.73	-13	-48.73	-78.79	-67.54	7.32	13.13	V
	7584	-57.19	-13	-44.19	-79.13	-60.35	8.38	11.54	V

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



LTE Band 26_ANT 1 / 15MHz / QPSK									
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)
Lowest	1649.5	-66.94	-13	-53.94	-73.06	-70.17	3.98	9.36	H
	2474.25	-64.37	-13	-51.37	-74.61	-67.92	4.85	10.55	H
	3299	-62.88	-13	-49.88	-75.09	-67.81	5.50	12.58	H
	1649.5	-67.27	-13	-54.27	-73.27	-70.50	3.98	9.36	V
	2474.25	-64.31	-13	-51.31	-74.90	-67.86	4.85	10.55	V
	3299	-62.71	-13	-49.71	-75.37	-67.64	5.50	12.58	V
Middle	1659.5	-66.95	-13	-53.95	-73.07	-70.20	4.00	9.40	H
	2489.25	-64.83	-13	-51.83	-75.04	-68.40	4.88	10.60	H
	3319	-63.76	-13	-50.76	-75.80	-68.69	5.52	12.60	H
	1659.5	-67.06	-13	-54.06	-72.99	-70.31	4.00	9.40	V
	2489.25	-64.37	-13	-51.37	-74.93	-67.94	4.88	10.60	V
	3319	-63.32	-13	-50.32	-75.78	-68.25	5.52	12.60	V
Highest	1669.5	-67.05	-13	-54.05	-73.14	-70.22	4.10	9.42	H
	2504.25	-64.49	-13	-51.49	-74.65	-68.07	4.90	10.63	H
	3339	-64.13	-13	-51.13	-76.02	-69.05	5.55	12.62	H
	1669.5	-66.95	-13	-53.95	-72.78	-70.12	4.10	9.42	V
	2504.25	-64.01	-13	-51.01	-74.51	-67.59	4.90	10.63	V
	3339	-63.58	-13	-50.58	-75.86	-68.50	5.55	12.62	V

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



LTE Band 66_ANT 2 / 20MHz / QPSK									
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)
Lowest	3422	-63.36	-13	-50.36	-75.41	-70.24	5.60	12.48	H
	5133	-61.26	-13	-48.26	-78.59	-66.94	7.10	12.78	H
	6844	-59.63	-13	-46.63	-79.75	-63.02	8.38	11.77	H
	3422	-62.83	-13	-49.83	-75.44	-69.71	5.60	12.48	V
	5133	-60.25	-13	-47.25	-77.52	-65.93	7.10	12.78	V
	6844	-59.50	-13	-46.50	-79.38	-62.89	8.38	11.77	V
Middle	3472	-63.15	-13	-50.15	-75.76	-70.00	5.65	12.50	H
	5208	-62.06	-13	-49.06	-79.20	-67.73	7.13	12.80	H
	6944	-59.19	-13	-46.19	-79.79	-62.59	8.40	11.80	H
	3472	-62.62	-13	-49.62	-75.78	-69.47	5.65	12.50	V
	5208	-61.71	-13	-48.71	-78.8	-67.38	7.13	12.80	V
	6944	-59.03	-13	-46.03	-79.68	-62.43	8.40	11.80	V
Highest	3522	-62.48	-13	-49.48	-75.68	-69.32	5.68	12.52	H
	5283	-61.82	-13	-48.82	-78.30	-67.49	7.15	12.82	H
	7044	-58.25	-13	-45.25	-79.31	-61.68	8.42	11.85	H
	3522	-62.00	-13	-49.00	-75.73	-68.84	5.68	12.52	V
	5283	-61.30	-13	-48.30	-77.83	-66.97	7.15	12.82	V
	7044	-58.34	-13	-45.34	-79.58	-61.77	8.42	11.85	V

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