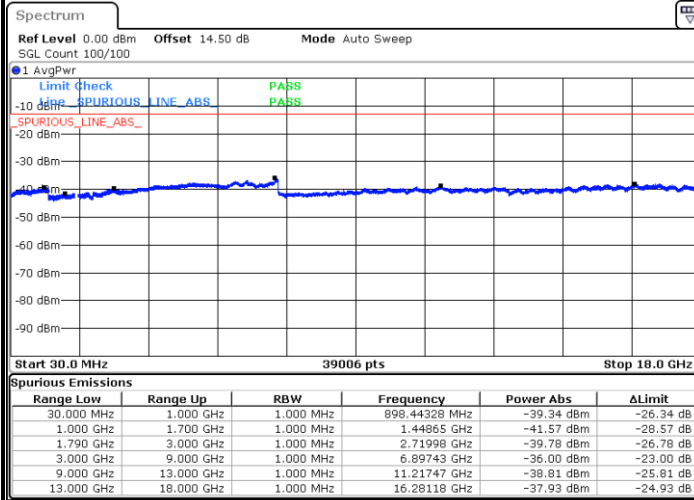




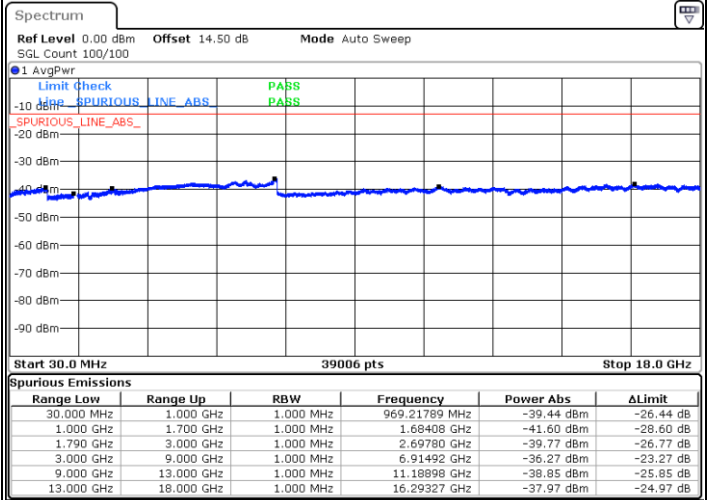
LTE Band 66 / 3MHz

Middle Channel / QPSK



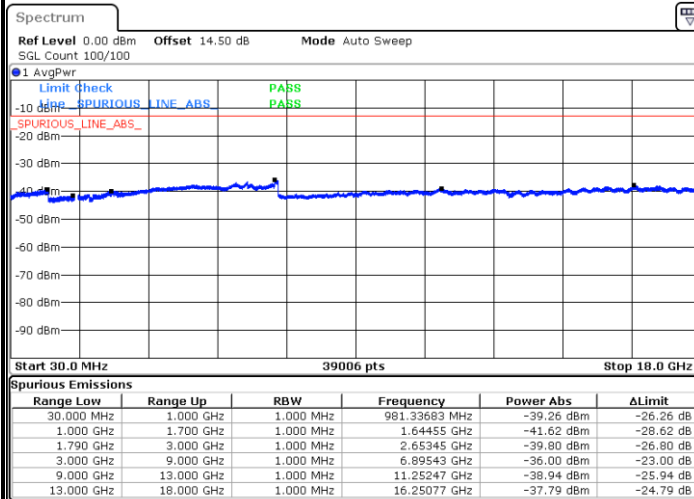
Date: 28 MAY 2022 23:40:32

Middle Channel / 16QAM



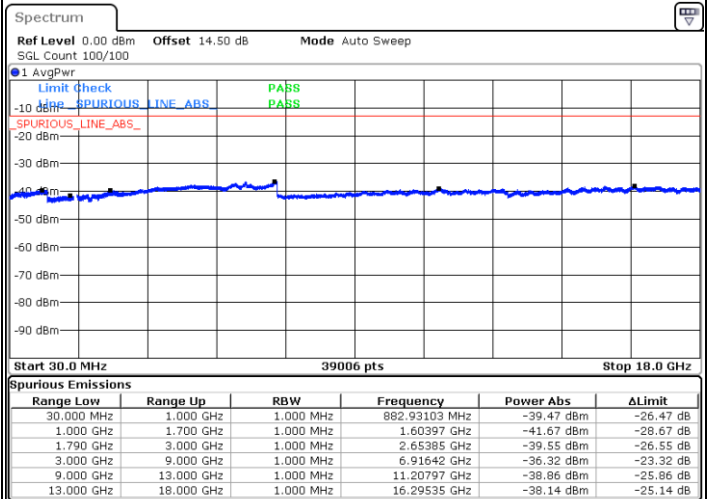
Date: 28 MAY 2022 23:41:55

Highest Channel / QPSK



Date: 28 MAY 2022 23:51:47

Highest Channel / 16QAM

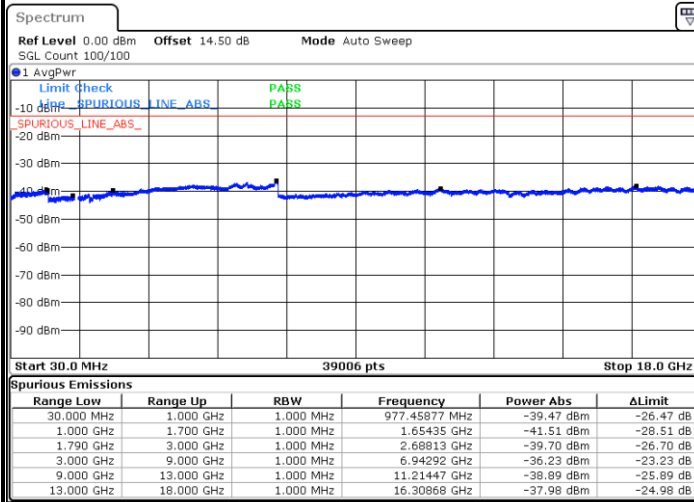


Date: 28 MAY 2022 23:53:10



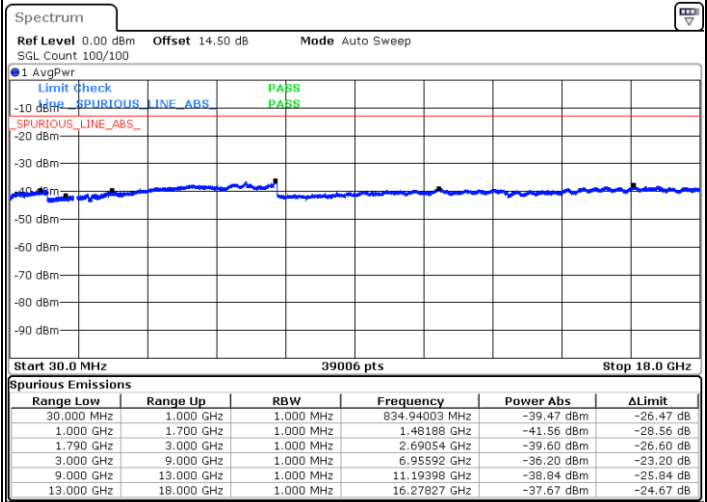
LTE Band 66 / 5MHz

Lowest Channel / QPSK



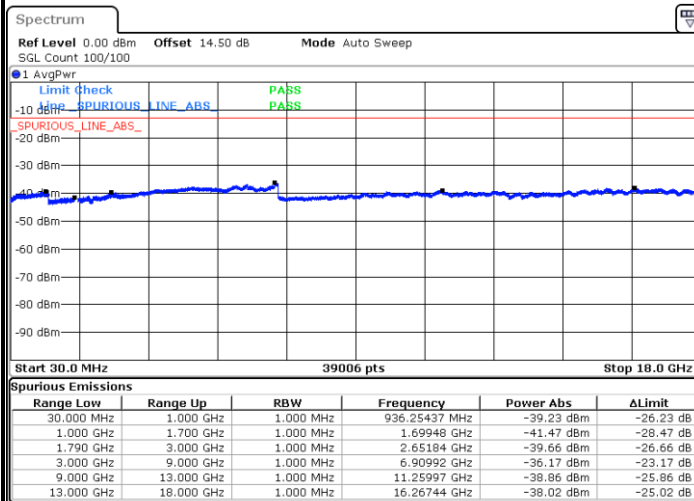
Date: 29 MAY 2022 00:03:05

Lowest Channel / 16QAM



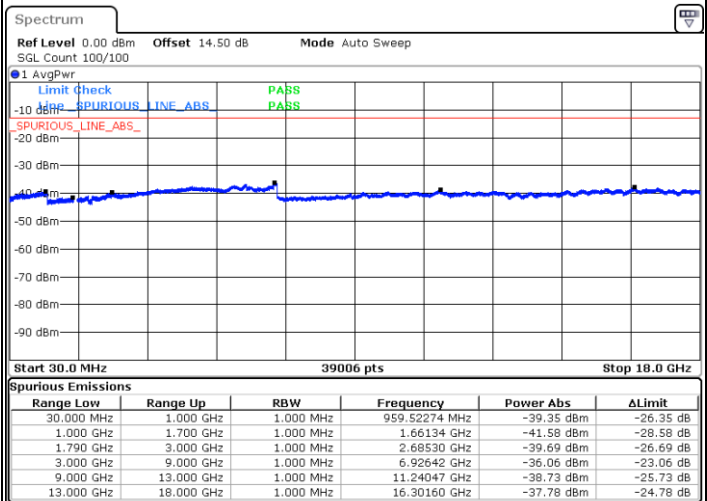
Date: 29 MAY 2022 00:04:28

Middle Channel / QPSK



Date: 29 MAY 2022 00:07:29

Middle Channel / 16QAM

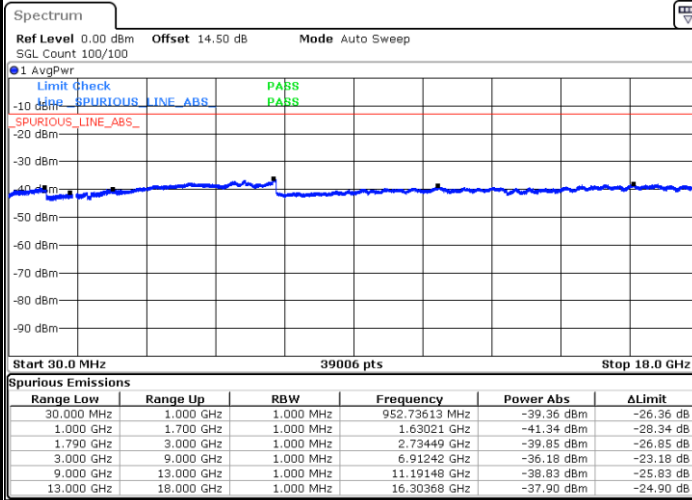


Date: 29 MAY 2022 00:08:53



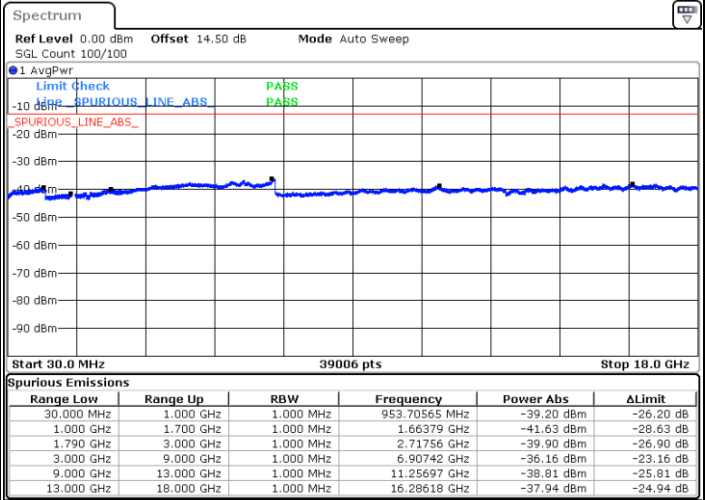
LTE Band 66 / 5MHz

Highest Channel / QPSK



Date: 29 MAY 2022 00:18:44

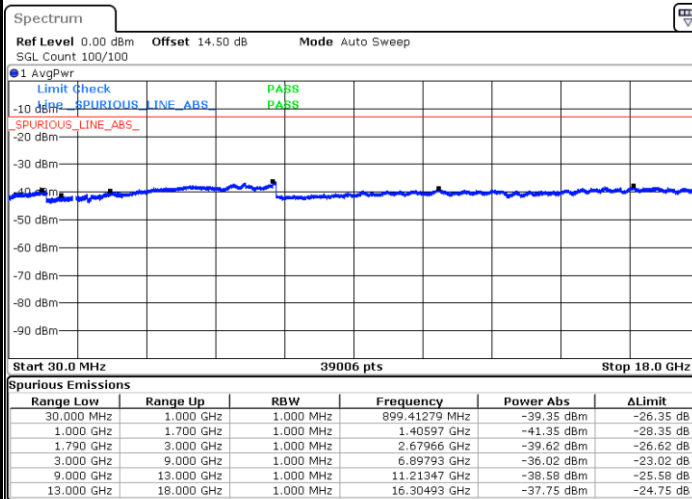
Highest Channel / 16QAM



Date: 29 MAY 2022 00:20:07

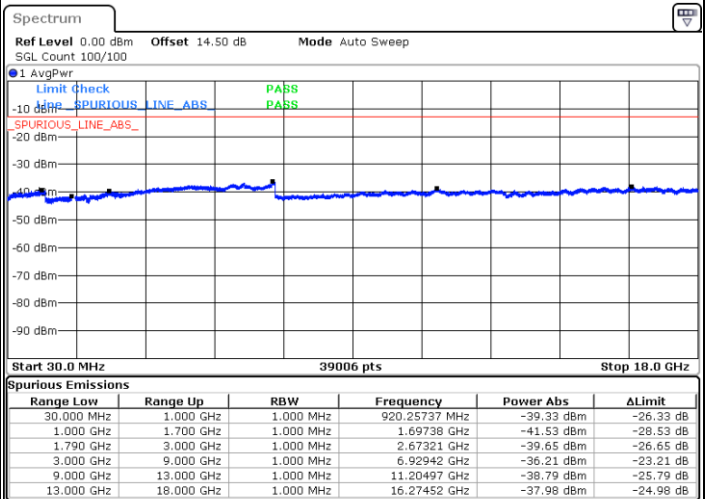
LTE Band 66 / 10MHz

Lowest Channel / QPSK



Date: 29 MAY 2022 00:30:01

Lowest Channel / 16QAM

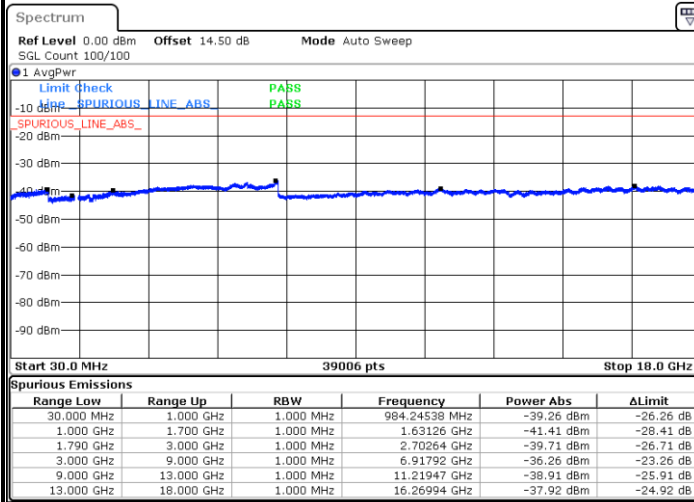


Date: 29 MAY 2022 00:31:24



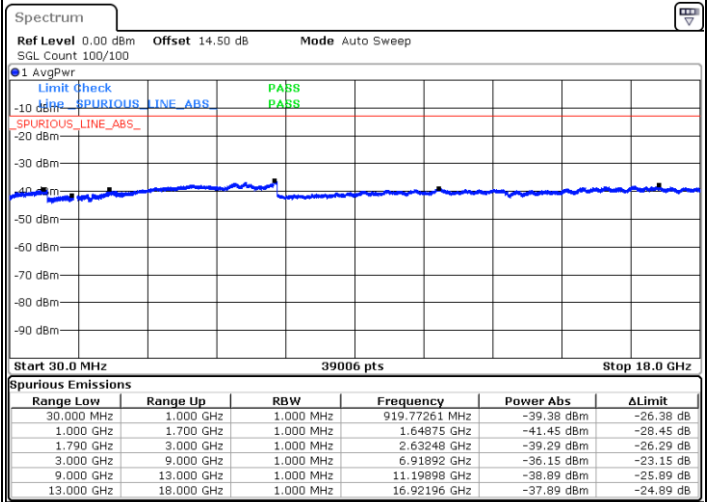
LTE Band 66 / 10MHz

Middle Channel / QPSK



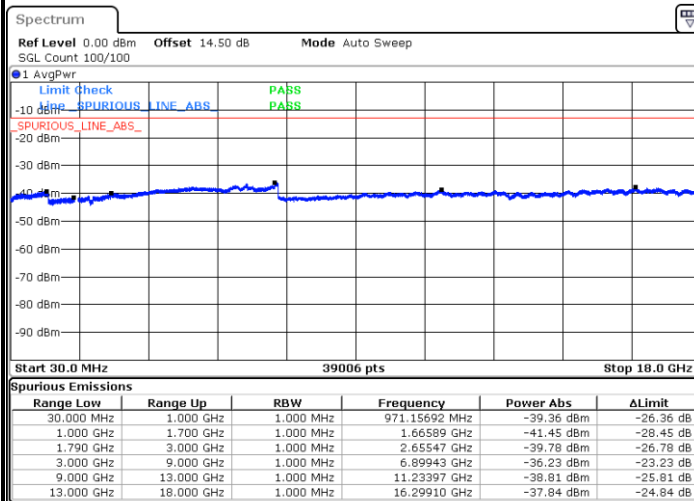
Date: 29 MAY 2022 00:34:25

Middle Channel / 16QAM



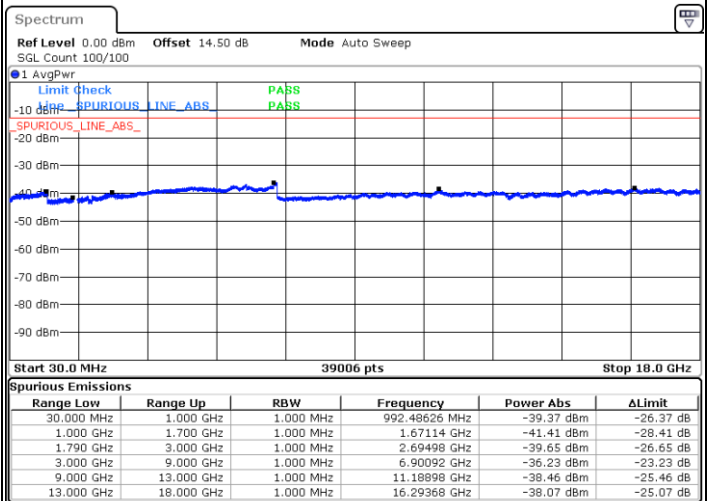
Date: 29 MAY 2022 00:35:48

Highest Channel / QPSK



Date: 29 MAY 2022 00:45:38

Highest Channel / 16QAM

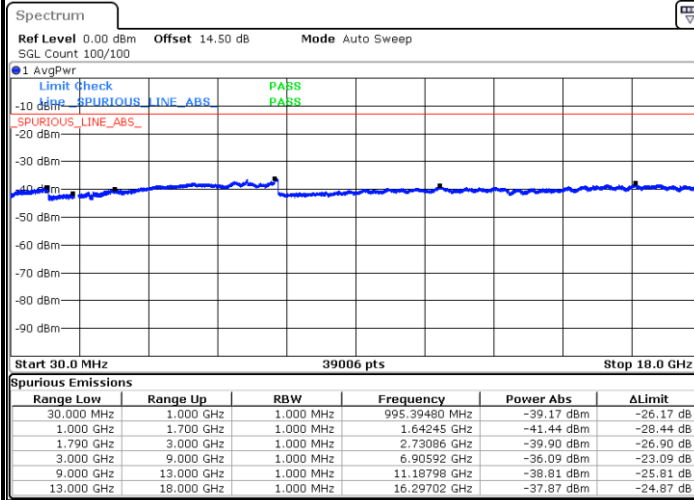


Date: 29 MAY 2022 00:47:02



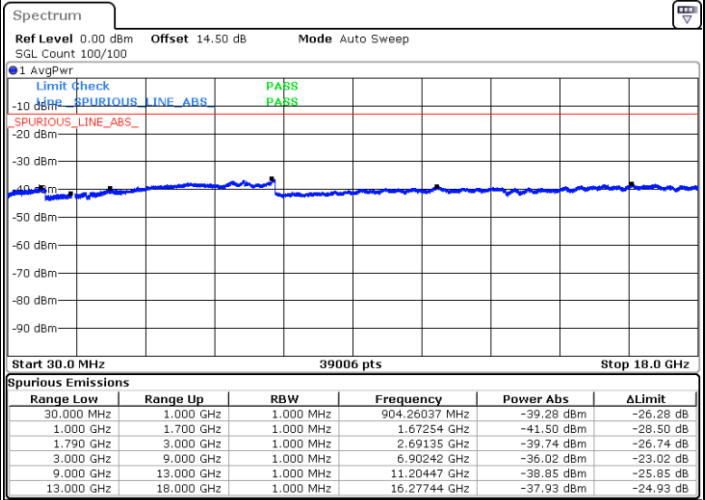
LTE Band 66 / 15MHz

Lowest Channel / QPSK



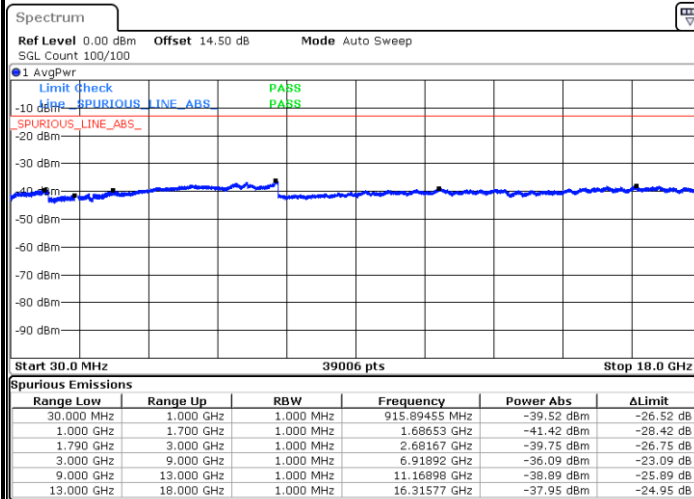
Date: 29 MAY 2022 00:56:55

Lowest Channel / 16QAM



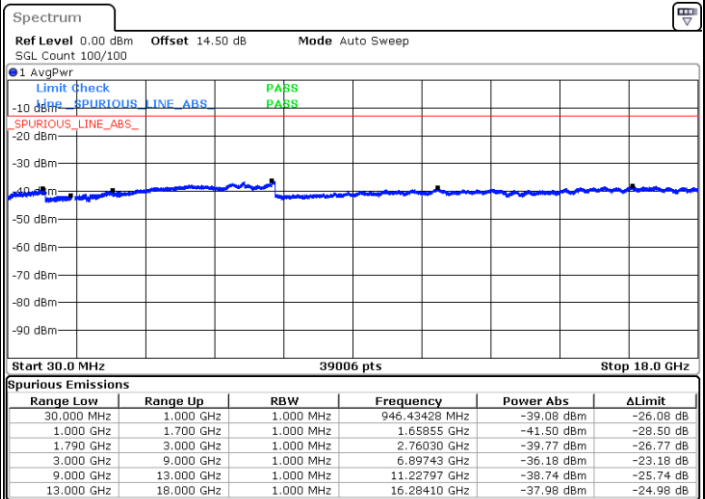
Date: 29 MAY 2022 00:58:18

Middle Channel / QPSK



Date: 29 MAY 2022 01:01:20

Middle Channel / 16QAM

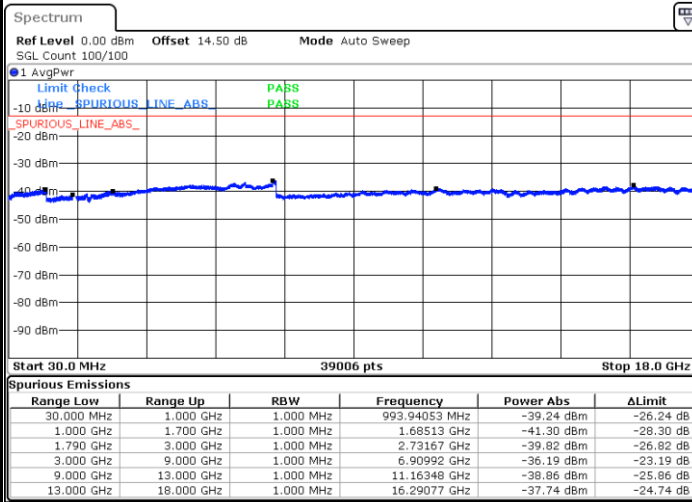


Date: 29 MAY 2022 01:02:43



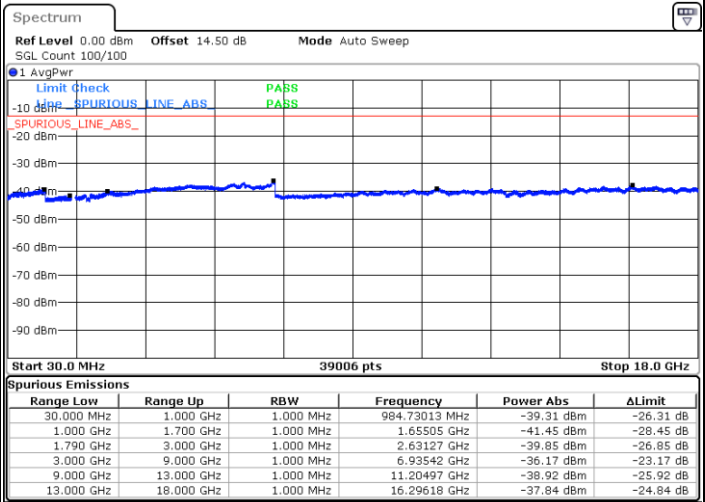
LTE Band 66 / 15MHz

Highest Channel / QPSK



Date: 29 MAY 2022 01:12:35

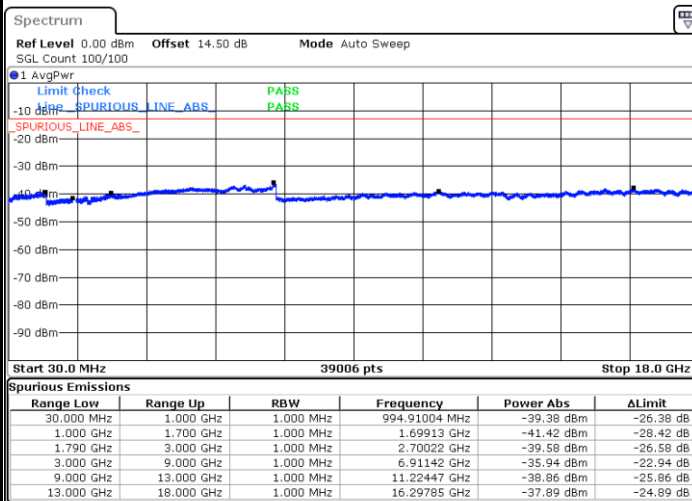
Highest Channel / 16QAM



Date: 29 MAY 2022 01:13:59

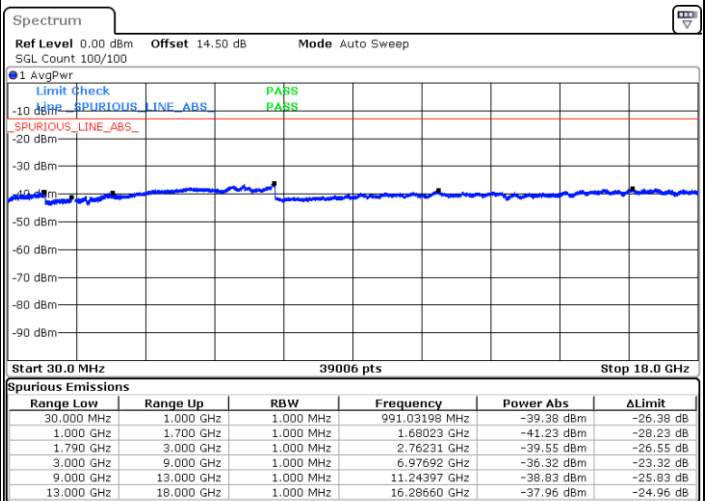
LTE Band 66 / 20MHz

Lowest Channel / QPSK



Date: 29 MAY 2022 01:23:53

Lowest Channel / 16QAM

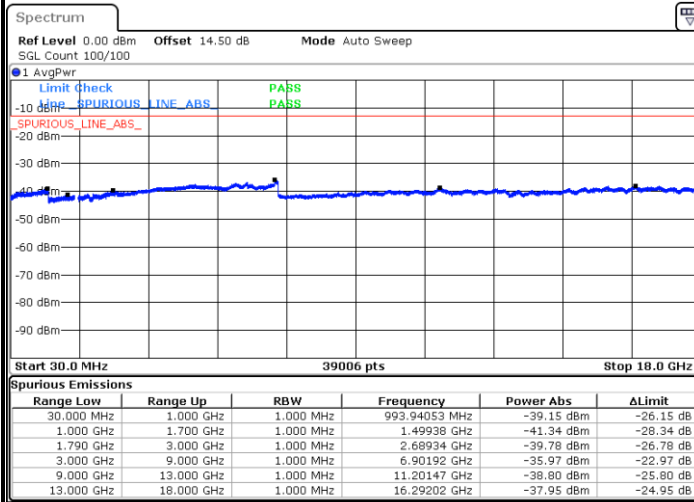


Date: 29 MAY 2022 01:25:16



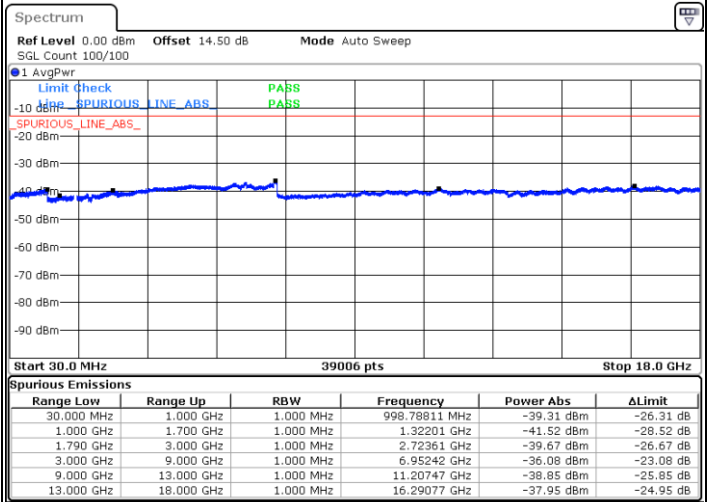
LTE Band 66 / 20MHz

Middle Channel / QPSK



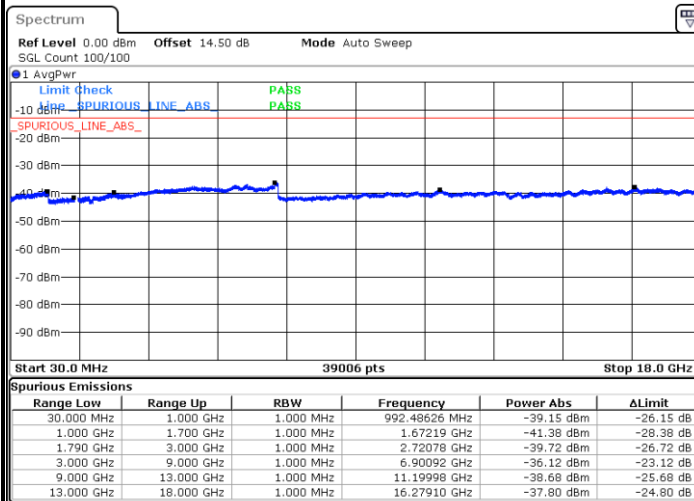
Date: 29 MAY 2022 01:28:16

Middle Channel / 16QAM



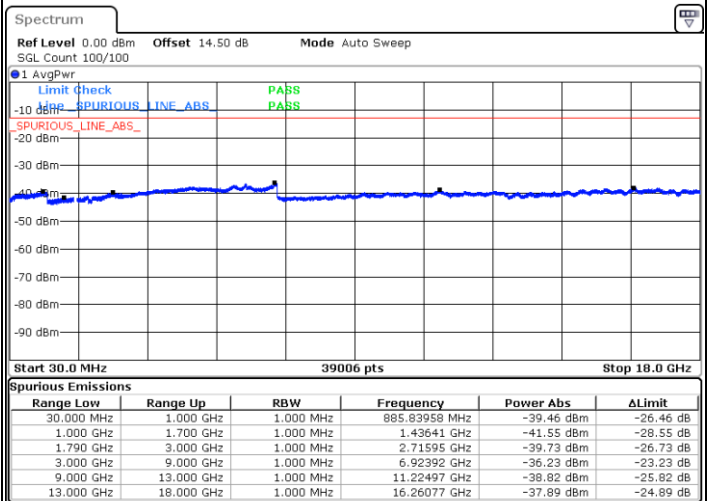
Date: 29 MAY 2022 01:29:39

Highest Channel / QPSK



Date: 29 MAY 2022 01:39:30

Highest Channel / 16QAM

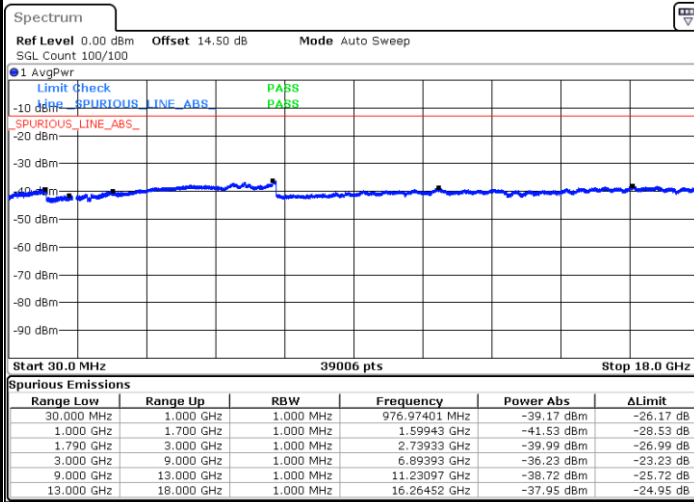


Date: 29 MAY 2022 01:40:54



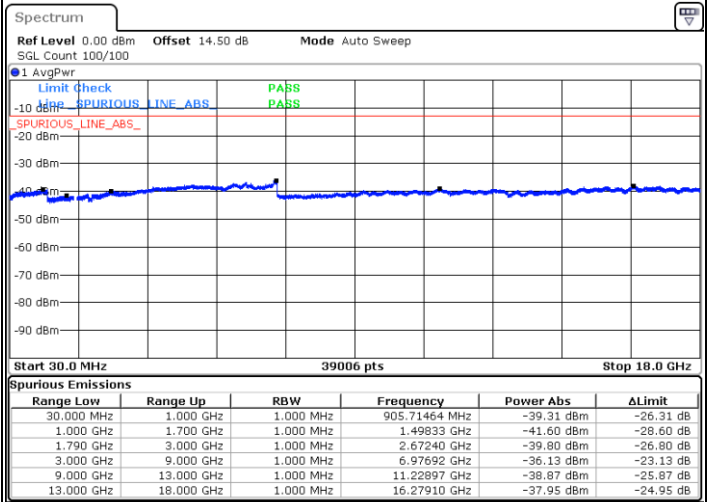
LTE Band 66 / 1.4MHz

Lowest Channel / 64QAM



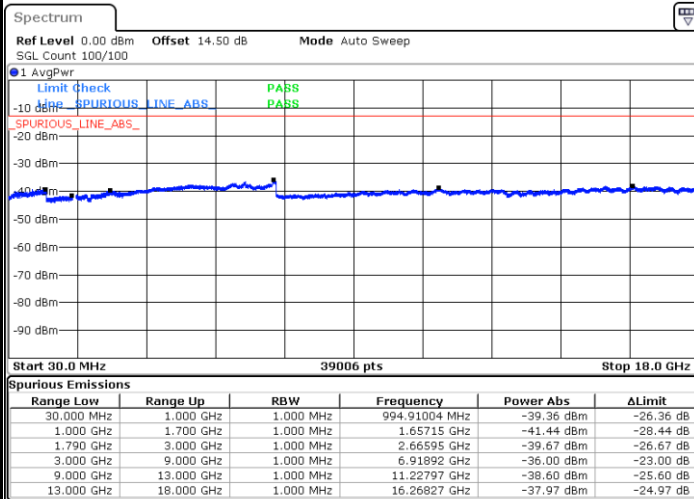
Date: 29 MAY 2022 02:01:28

Middle Channel / 64QAM



Date: 29 MAY 2022 02:03:31

Highest Channel / 64QAM



Date: 29 MAY 2022 02:08:59

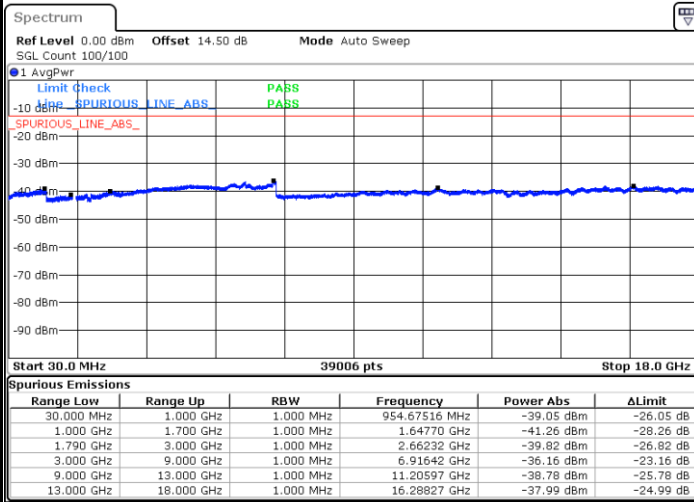
N/A

N/A



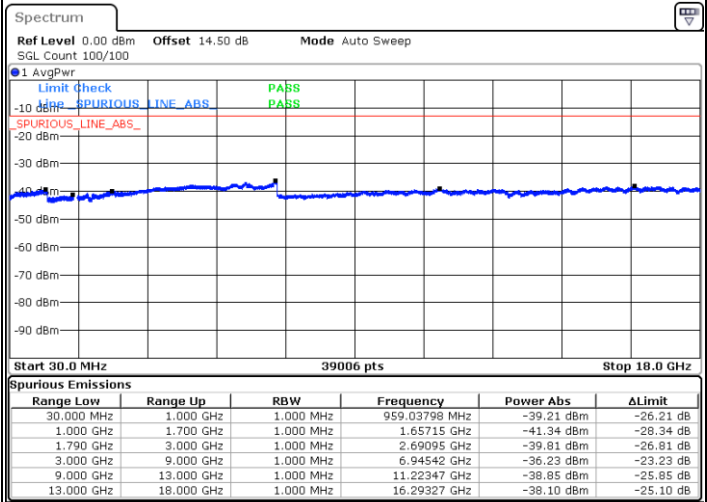
LTE Band 66 / 3MHz

Lowest Channel / 64QAM



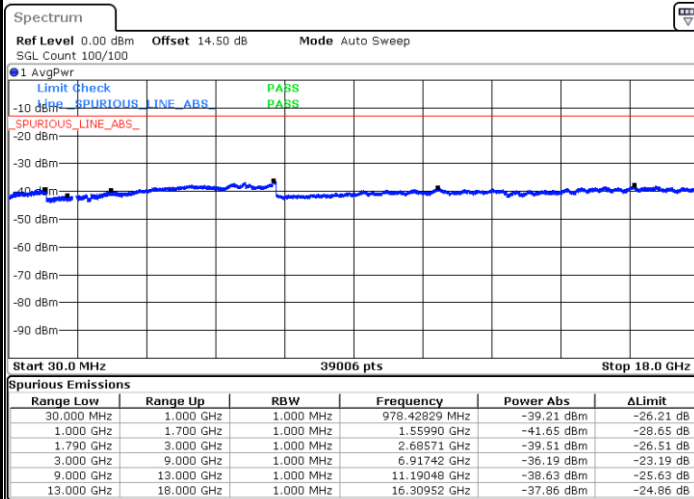
Date: 29 MAY 2022 02:14:28

Middle Channel / 64QAM



Date: 29 MAY 2022 02:16:30

Highest Channel / 64QAM



Date: 29 MAY 2022 02:21:58

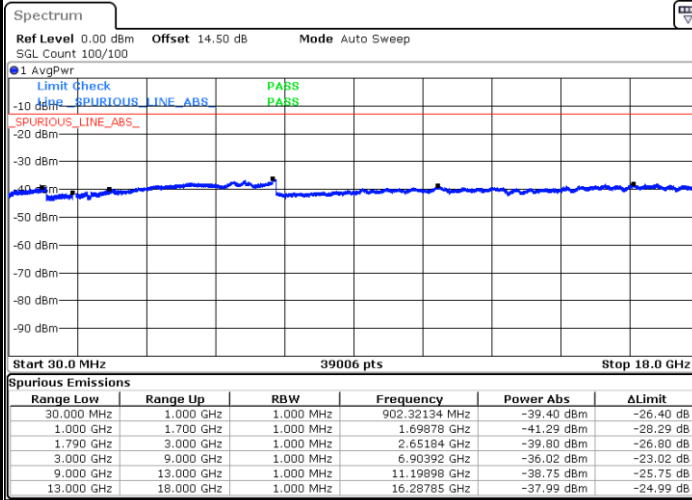
N/A

N/A



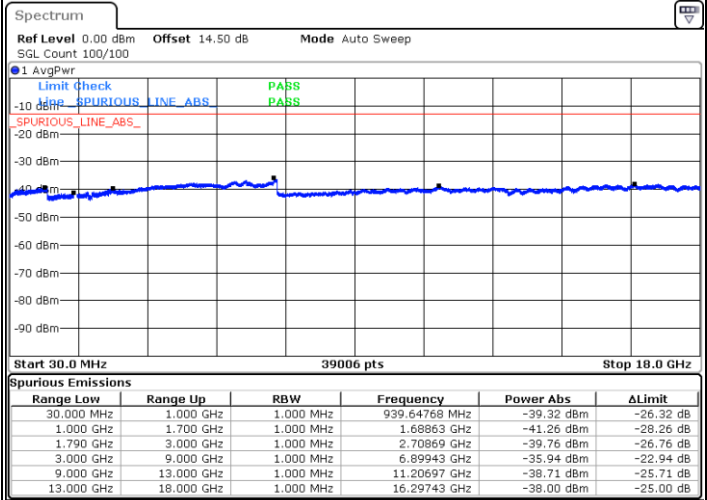
LTE Band 66 / 5MHz

Lowest Channel / 64QAM



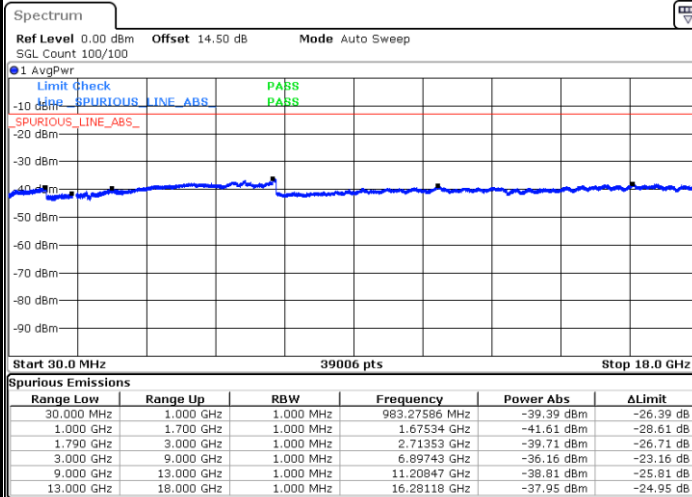
Date: 29 MAY 2022 02:27:28

Middle Channel / 64QAM



Date: 29 MAY 2022 02:29:30

Highest Channel / 64QAM



Date: 29 MAY 2022 02:34:58

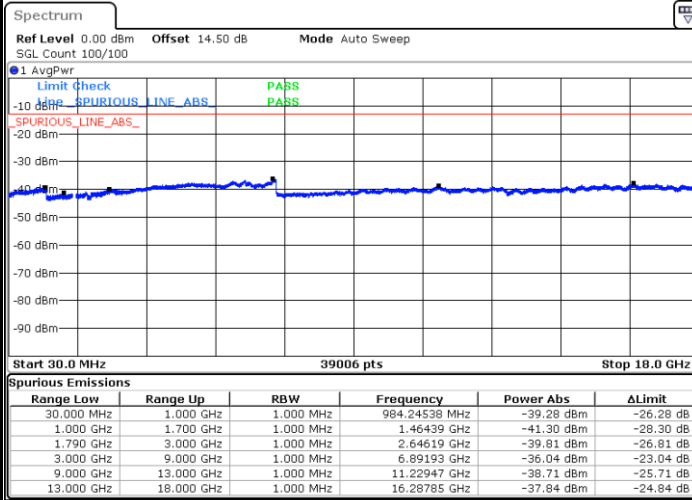
N/A

N/A



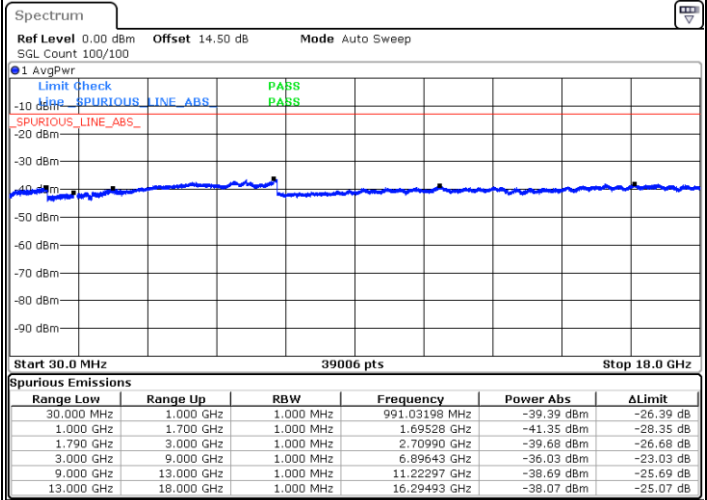
LTE Band 66 / 10MHz

Lowest Channel / 64QAM



Date: 29 MAY 2022 02:40:27

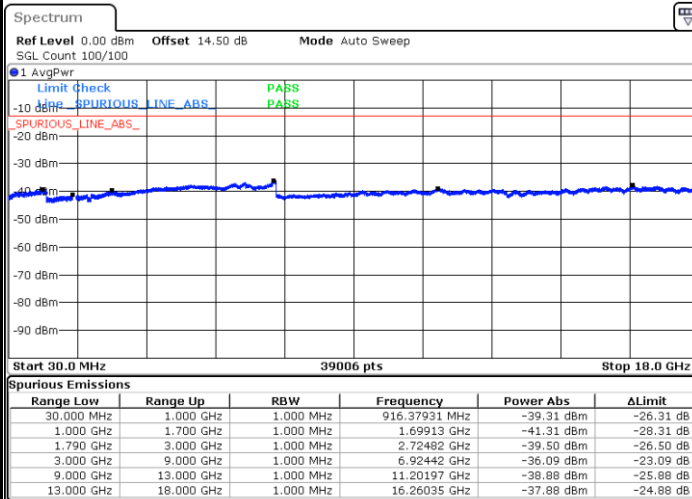
Middle Channel / 64QAM



Date: 29 MAY 2022 02:42:29

Highest Channel / 64QAM

N/A



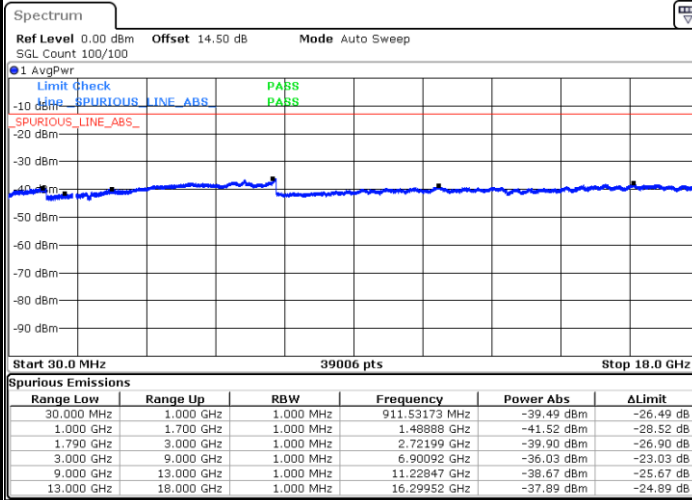
Date: 29 MAY 2022 02:47:57

N/A



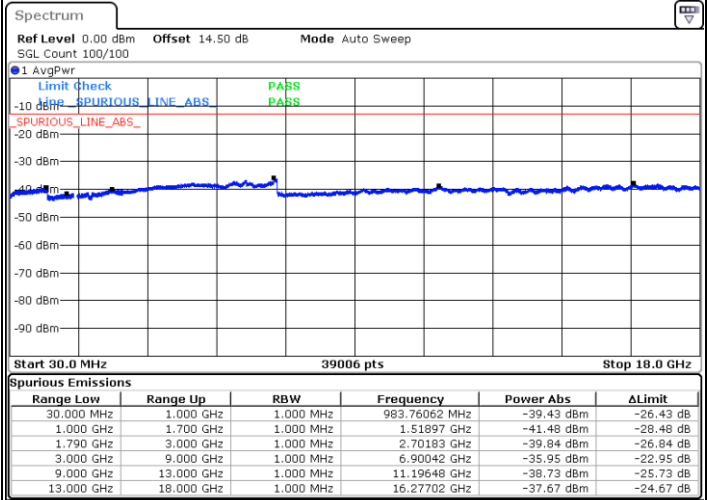
LTE Band 66 / 15MHz

Lowest Channel / 64QAM



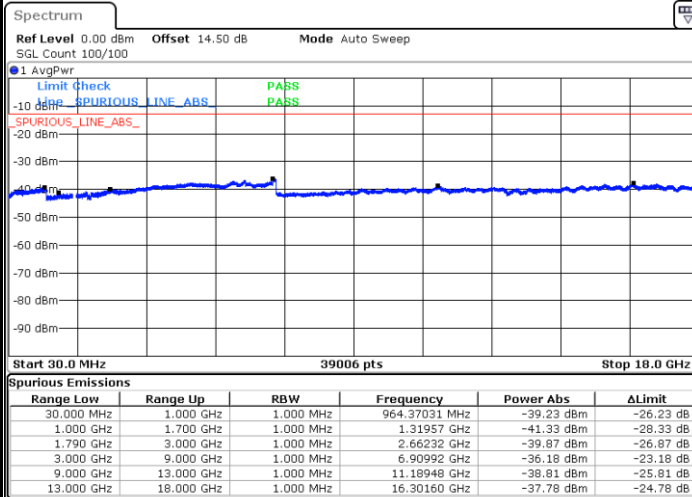
Date: 29 MAY 2022 02:53:27

Middle Channel / 64QAM



Date: 29 MAY 2022 02:55:30

Highest Channel / 64QAM



Date: 29 MAY 2022 03:00:57

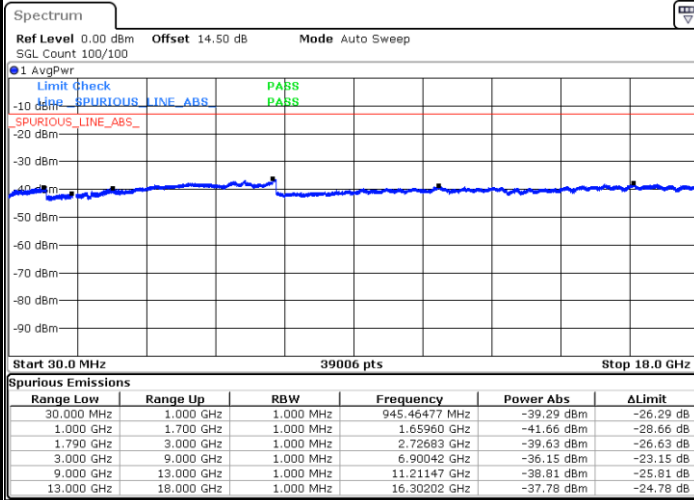
N/A

N/A



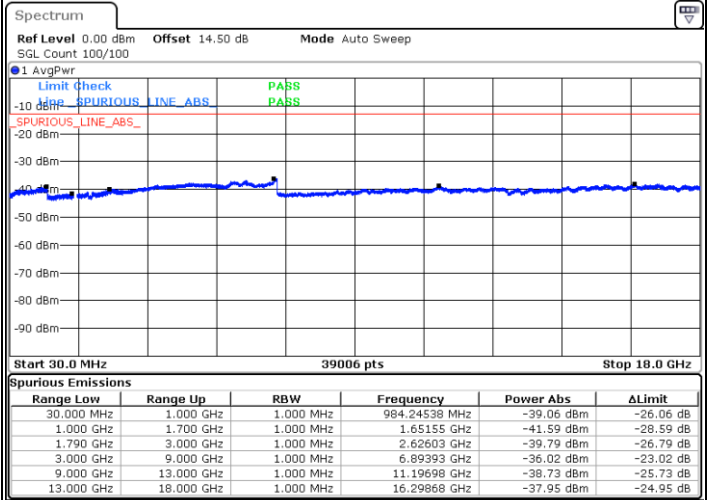
LTE Band 66 / 20MHz

Lowest Channel / 64QAM



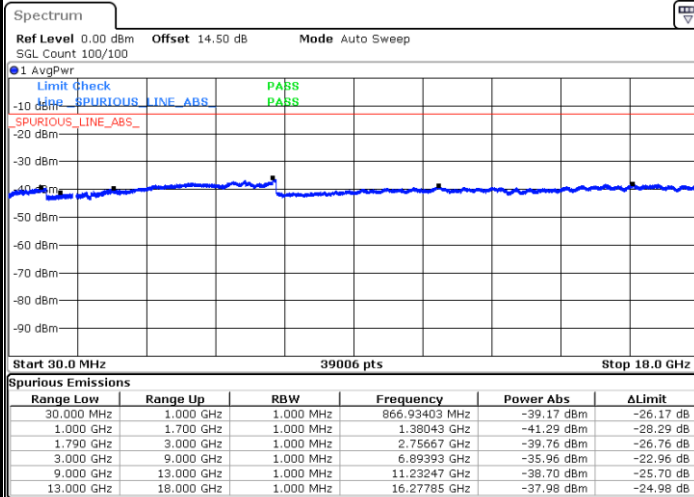
Date: 29 MAY 2022 03:06:27

Middle Channel / 64QAM



Date: 29 MAY 2022 03:08:30

Highest Channel / 64QAM



Date: 29 MAY 2022 03:13:58

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	0.0006	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0060	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0003	
-10	Normal Voltage	0.0007	
-20	Normal Voltage	0.0011	
-30	Normal Voltage	0.0009	
20	Maximum Voltage	0.0002	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0003	

Note:

1. Normal Voltage =3.89 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.2 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 :	Zhao hui Liang	Temperature :	22~25°C
		Relative Humidity :	48~52%

LTE Band 12 / 10MHz / QPSK									
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)
Lowest	1399	-65.29	-13	-52.29	-75.28	-68.52	3.98	9.36	H
	2098.5	-64.54	-13	-51.54	-77.20	-68.09	4.85	10.55	H
	2798	-62.20	-13	-49.20	-78.08	-67.13	5.50	12.58	H
	1399	-65.38	-13	-52.38	-75.07	-68.61	3.98	9.36	V
	2098.5	-63.87	-13	-50.87	-77.02	-67.42	4.85	10.55	V
	2798	-62.51	-13	-49.51	-78.09	-67.44	5.50	12.58	V
Middle	1406	-62.77	-13	-49.77	-72.89	-66.02	4.00	9.40	H
	2109	-64.11	-13	-51.11	-76.77	-67.68	4.88	10.60	H
	2812	-61.90	-13	-48.90	-77.81	-66.83	5.52	12.60	H
	1406	-62.11	-13	-49.11	-71.88	-65.36	4.00	9.40	V
	2109	-63.50	-13	-50.50	-76.65	-67.07	4.88	10.60	V
	2812	-62.11	-13	-49.11	-77.74	-67.04	5.52	12.60	V
Highest	1413	-64.97	-13	-51.97	-75.09	-68.14	4.10	9.42	H
	2119.5	-63.90	-13	-50.90	-76.91	-67.48	4.90	10.63	H
	2826	-62.04	-13	-49.04	-77.99	-66.96	5.55	12.62	H
	1413	-63.47	-13	-50.47	-73.24	-66.64	4.10	9.42	V
	2119.5	-63.23	-13	-50.23	-76.63	-66.81	4.90	10.63	V
	2826	-62.26	-13	-49.26	-77.93	-67.18	5.55	12.62	V

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



LTE Band 13 / 5MHz / QPSK									
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)
Lowest	1554.5	-66.27	-13	-53.27	-77.56	-69.50	3.98	9.36	H
	2331.75	-63.20	-13	-50.20	-81.18	-66.75	4.85	10.55	H
	3109	-60.40	-13	-47.40	-80.46	-65.33	5.50	12.58	H
	1554.5	-66.16	-13	-53.16	-78.07	-69.39	3.98	9.36	V
	2331.75	-63.06	-13	-50.06	-81.32	-66.61	4.85	10.55	V
	3109	-60.70	-13	-47.70	-82.49	-65.63	5.50	12.58	V
Middle	1559.5	-66.11	-42.15	-23.96	-77.40	-69.36	4.00	9.40	H
	2339.25	-62.95	-13	-49.95	-80.93	-66.52	4.88	10.60	H
	3119	-60.20	-13	-47.20	-80.29	-65.13	5.52	12.60	H
	1559.5	-66.27	-42.15	-24.12	-78.18	-69.52	4.00	9.40	V
	2339.25	-63.23	-13	-50.23	-81.58	-66.80	4.88	10.60	V
	3119	-60.27	-13	-47.27	-82.16	-65.20	5.52	12.60	V
Highest	1564.5	-66.21	-42.15	-24.06	-77.50	-69.38	4.10	9.42	H
	2346.75	-63.34	-13	-50.34	-81.32	-66.92	4.90	10.63	H
	3129	-60.34	-13	-47.34	-80.43	-65.26	5.55	12.62	H
	1564.5	-66.04	-42.15	-23.89	-77.95	-69.21	4.10	9.42	V
	2346.75	-63.22	-13	-50.22	-81.57	-66.80	4.90	10.63	V
	3129	-60.04	-13	-47.04	-81.93	-64.96	5.55	12.62	V

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

LTE Band 13 / 10MHz / QPSK									
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	-65.21	-42.15	-23.06	-76.50	-68.46	4.00	9.40	H
	2339.25	-63.32	-13	-50.32	-81.30	-66.89	4.88	10.60	H
	3119	-60.18	-13	-47.18	-80.27	-65.11	5.52	12.60	H
	1559.5	-64.43	-42.15	-22.28	-76.34	-67.68	4.00	9.40	V
	2339.25	-63.50	-13	-50.50	-81.85	-67.07	4.88	10.60	V
	3119	-60.87	-13	-47.87	-82.76	-65.80	5.52	12.60	V

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



LTE Band 25 / 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	-61.10	-13	-48.10	-79.22	-67.86	5.82	12.58	H
	5553	-58.86	-13	-45.86	-80.96	-64.58	7.28	13.00	H
	7404	-52.95	-13	-39.95	-79.63	-56.11	8.32	11.48	H
	3702	-61.21	-13	-48.21	-79.23	-67.97	5.82	12.58	V
	5553	-58.76	-13	-45.76	-81.04	-64.48	7.28	13.00	V
	7404	-53.11	-13	-40.11	-79.81	-56.27	8.32	11.48	V
Middle	3747	-60.81	-13	-47.81	-78.71	-67.56	5.85	12.60	H
	5620.5	-58.10	-13	-45.10	-80.80	-63.90	7.30	13.10	H
	7494	-53.24	-13	-40.24	-79.46	-56.39	8.35	11.50	H
	3747	-61.20	-13	-48.20	-79.03	-67.95	5.85	12.60	V
	5620.5	-58.09	-13	-45.09	-80.51	-63.89	7.30	13.10	V
	7494	-53.65	-13	-40.65	-79.86	-56.80	8.35	11.50	V
Highest	3792	-61.24	-13	-48.24	-79.04	-67.98	5.88	12.62	H
	5688	-57.59	-13	-44.59	-80.70	-63.40	7.32	13.13	H
	7584	-53.77	-13	-40.77	-79.87	-56.93	8.38	11.54	H
	3792	-61.29	-13	-48.29	-79.06	-68.03	5.88	12.62	V
	5688	-58.03	-13	-45.03	-80.74	-63.84	7.32	13.13	V
	7584	-53.76	-13	-40.76	-79.82	-56.92	8.38	11.54	V

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



LTE Band 26 / 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	-66.40	-13	-53.40	-75.79	-69.63	3.98	9.36	H
	2474.25	-63.52	-13	-50.52	-77.68	-67.07	4.85	10.55	H
	3299	-61.89	-13	-48.89	-78.39	-66.82	5.50	12.58	H
	1649.5	-66.45	-13	-53.45	-75.58	-69.68	3.98	9.36	V
	2474.25	-63.44	-13	-50.44	-77.57	-66.99	4.85	10.55	V
	3299	-61.92	-13	-48.92	-78.23	-66.85	5.50	12.58	V
Middle	1659.5	-66.09	-13	-53.09	-75.59	-69.34	4.00	9.40	H
	2489.25	-63.23	-13	-50.23	-77.33	-66.80	4.88	10.60	H
	3319	-61.71	-13	-48.71	-78.09	-66.64	5.52	12.60	H
	1659.5	-66.31	-13	-53.31	-75.41	-69.56	4.00	9.40	V
	2489.25	-63.21	-13	-50.21	-77.27	-66.78	4.88	10.60	V
	3319	-62.23	-13	-49.23	-78.39	-67.16	5.52	12.60	V
Highest	1669.5	-66.18	-13	-53.18	-75.68	-69.35	4.10	9.42	H
	2504.25	-63.05	-13	-50.05	-77.25	-66.63	4.90	10.63	H
	3339	-62.39	-13	-49.39	-78.48	-67.31	5.55	12.62	H
	1669.5	-66.76	-13	-53.76	-75.86	-69.93	4.10	9.42	V
	2504.25	-62.52	-13	-49.52	-76.68	-66.10	4.90	10.63	V
	3339	-62.36	-13	-49.36	-78.18	-67.28	5.55	12.62	V

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



LTE Band 66 / 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	-62.14	-13	-49.14	-78.77	-69.02	5.60	12.48	H
	5133	-58.92	-13	-45.92	-80.69	-64.60	7.10	12.78	H
	6844	-54.84	-13	-41.84	-80.10	-58.23	8.38	11.77	H
	3422	-61.93	-13	-48.93	-78.65	-68.81	5.60	12.48	V
	5133	-58.75	-13	-45.75	-80.74	-64.43	7.10	12.78	V
	6844	-54.42	-13	-41.42	-80.18	-57.81	8.38	11.77	V
Middle	3472	-61.94	-13	-48.94	-78.88	-68.79	5.65	12.50	H
	5208	-59.93	-13	-46.93	-81.36	-65.60	7.13	12.80	H
	6944	-54.33	-13	-41.33	-80.25	-57.73	8.40	11.80	H
	3472	-61.60	-13	-48.60	-78.56	-68.45	5.65	12.50	V
	5208	-59.63	-13	-46.63	-81.31	-65.30	7.13	12.80	V
	6944	-53.91	-13	-40.91	-80.3	-57.31	8.40	11.80	V
Highest	3522	-61.25	-13	-48.25	-78.49	-68.09	5.68	12.52	H
	5283	-59.71	-13	-46.71	-81.20	-65.38	7.15	12.82	H
	7044	-53.59	-13	-40.59	-79.89	-57.02	8.42	11.85	H
	3522	-61.31	-13	-48.31	-78.49	-68.15	5.68	12.52	V
	5283	-59.74	-13	-46.74	-81.36	-65.41	7.15	12.82	V
	7044	-53.23	-13	-40.23	-79.96	-56.66	8.42	11.85	V

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