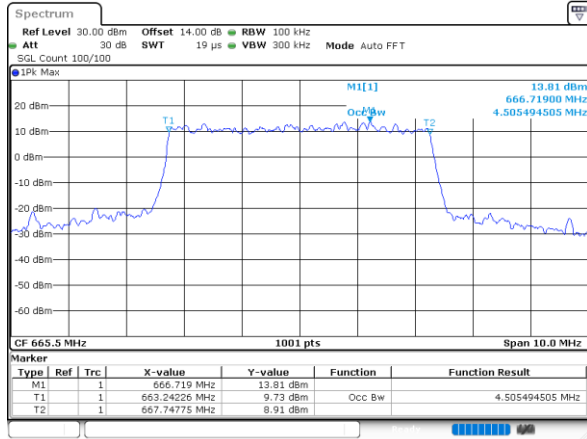


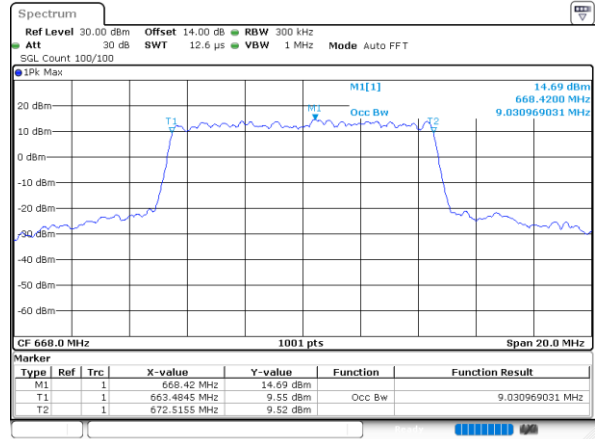


LTE Band 71

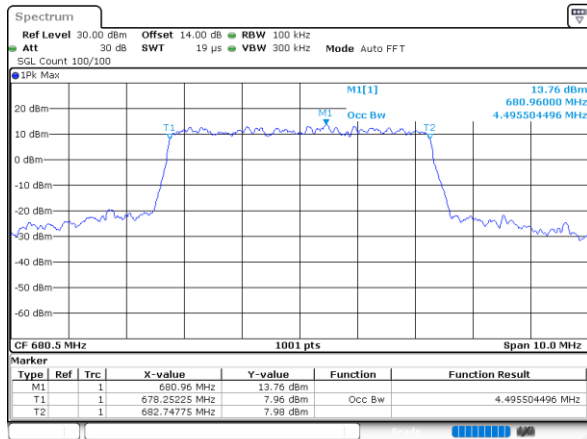
Lowest Channel / 5MHz / 64QAM



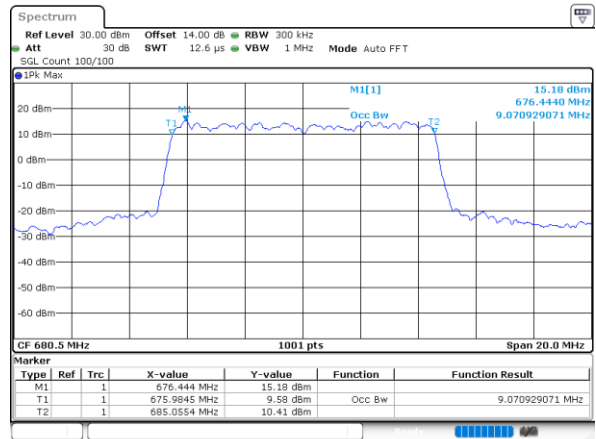
Lowest Channel / 10MHz / 64QAM



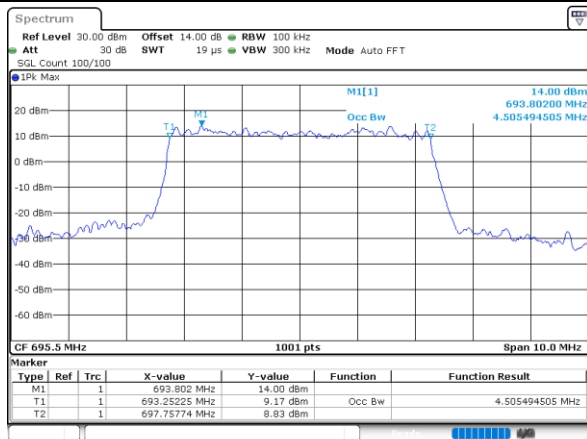
Middle Channel / 5MHz / 64QAM



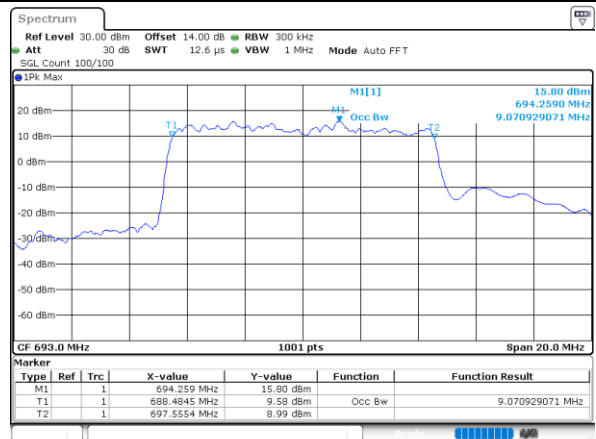
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



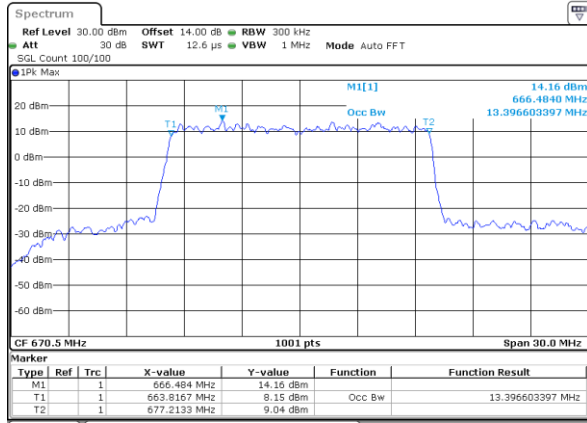
Highest Channel / 10MHz / 64QAM



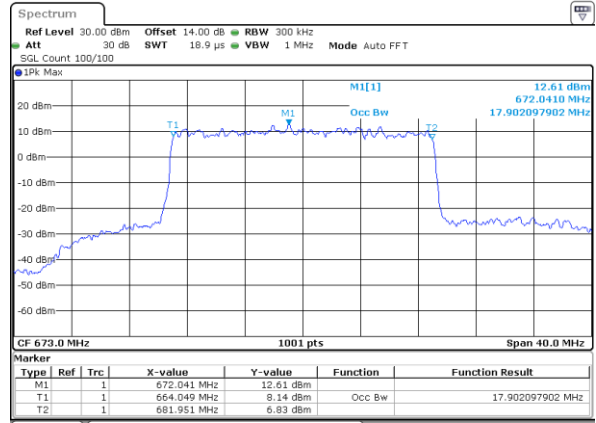


LTE Band 71

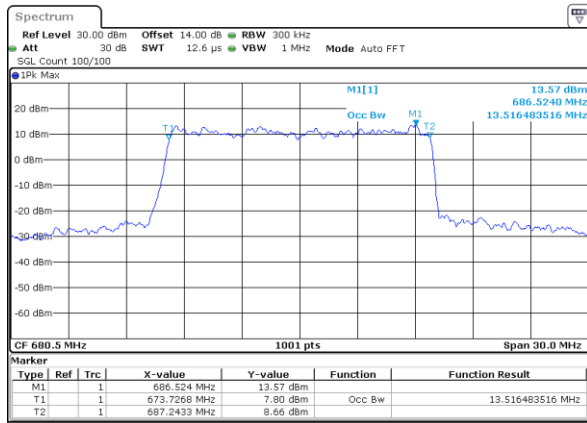
Lowest Channel / 15MHz / 64QAM



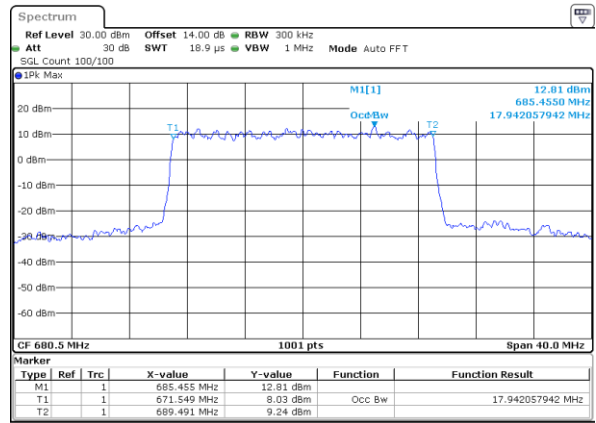
Lowest Channel / 20MHz / 64QAM



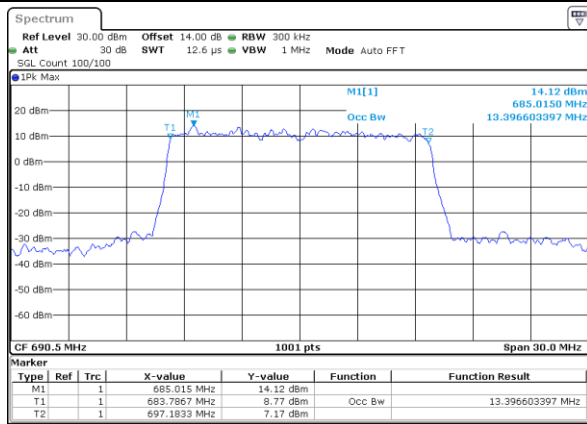
Middle Channel / 15MHz / 64QAM



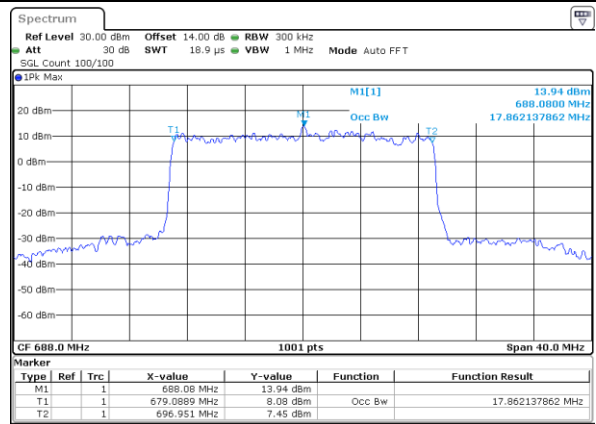
Middle Channel / 20MHz / 64QAM



Highest Channel / 15MHz / 64QAM



Highest Channel / 20MHz / 64QAM

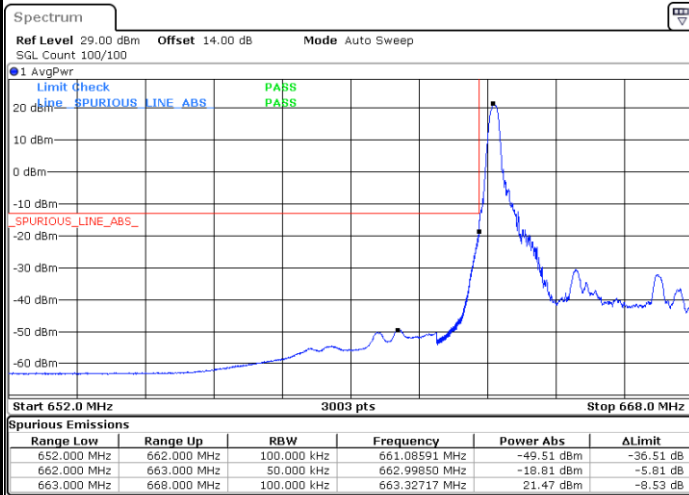




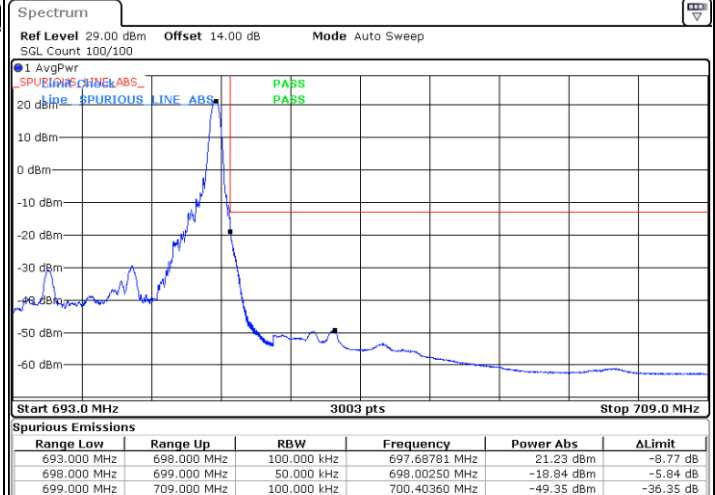
Conducted Band Edge

LTE Band 71 / 5MHz / QPSK

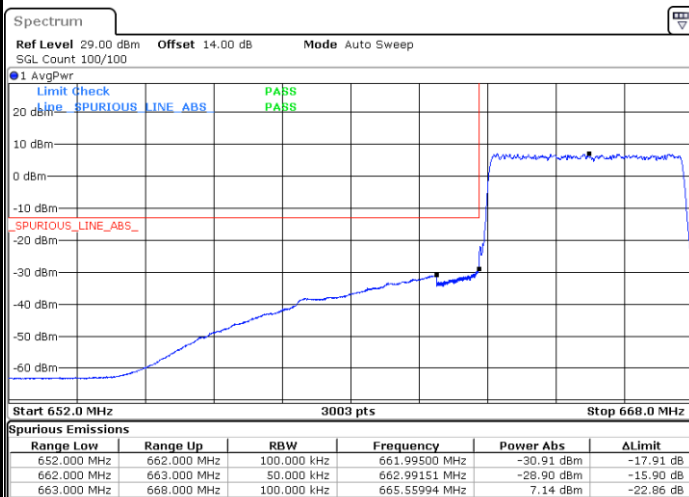
Lowest Band Edge / 1 RB



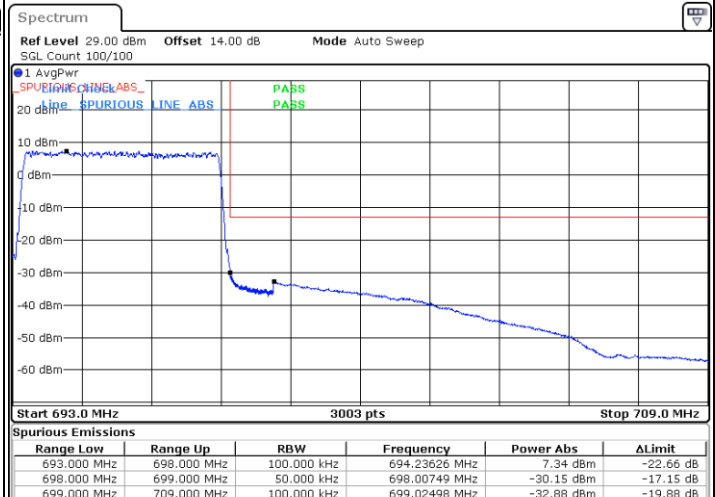
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



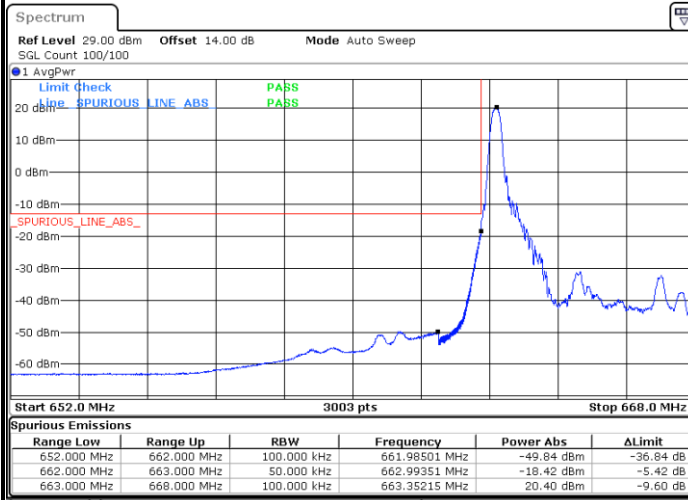
Highest Band Edge / Full RB





LTE Band 71 / 5MHz / 16QAM

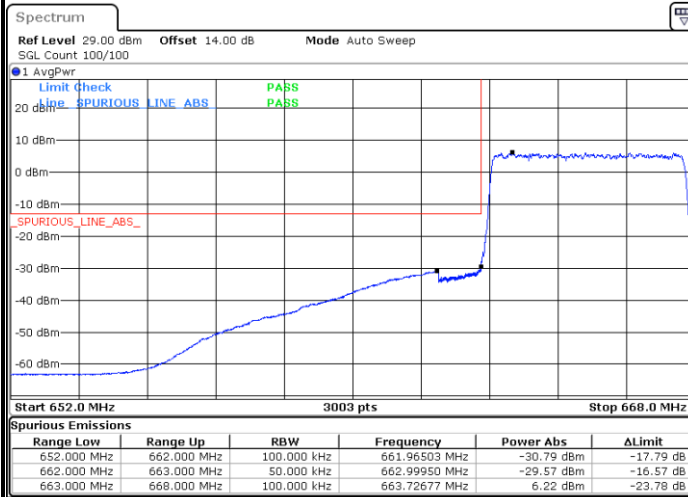
Lowest Band Edge / 1 RB



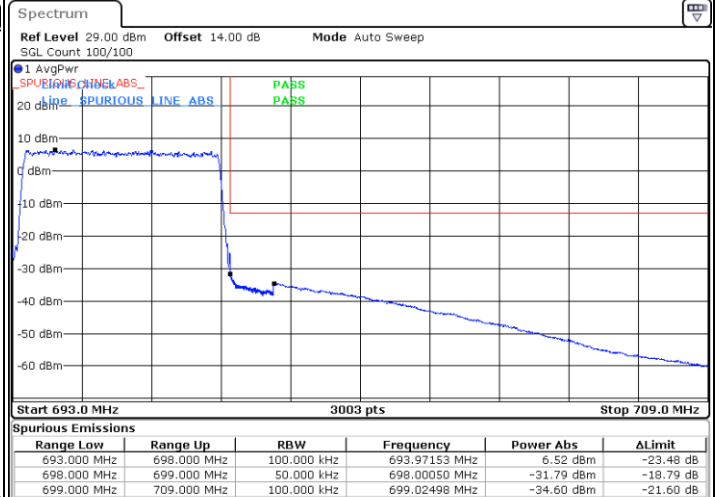
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



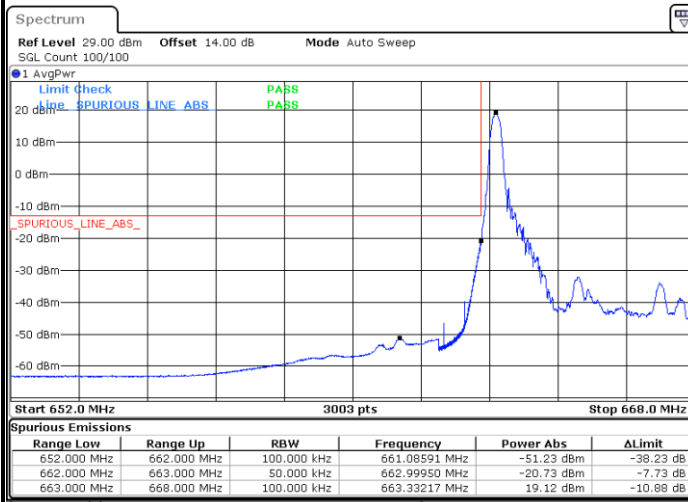
Highest Band Edge / Full RB



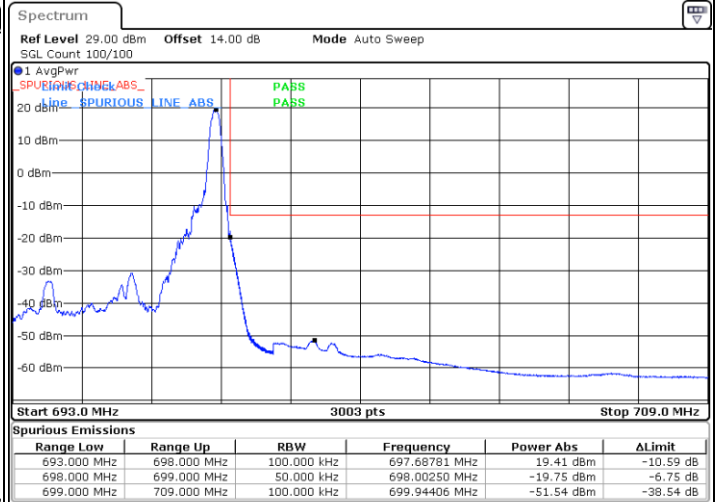


LTE Band 71 / 5MHz / 64QAM

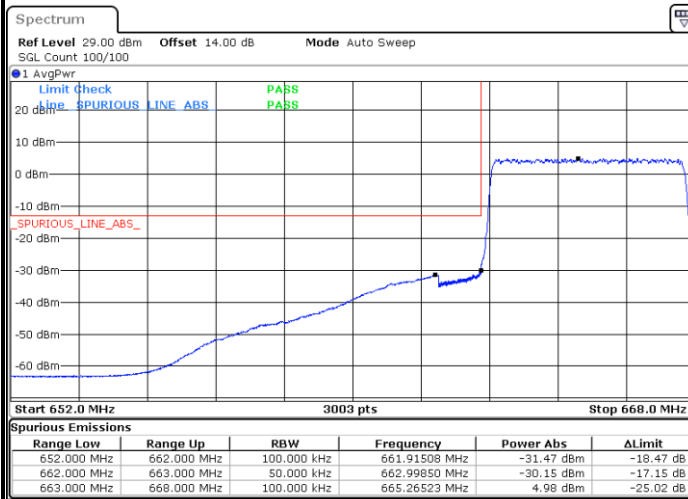
Lowest Band Edge / 1RB



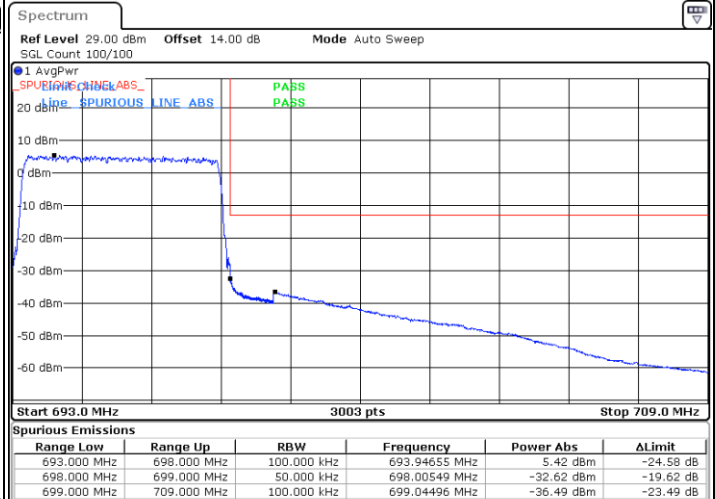
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



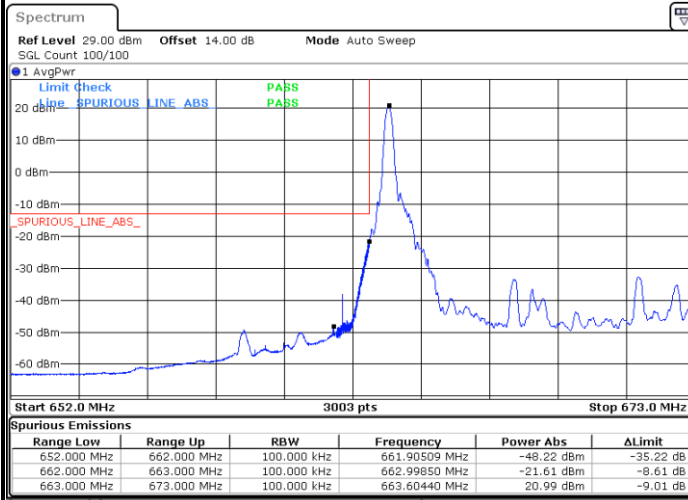
Highest Band Edge / Full RB



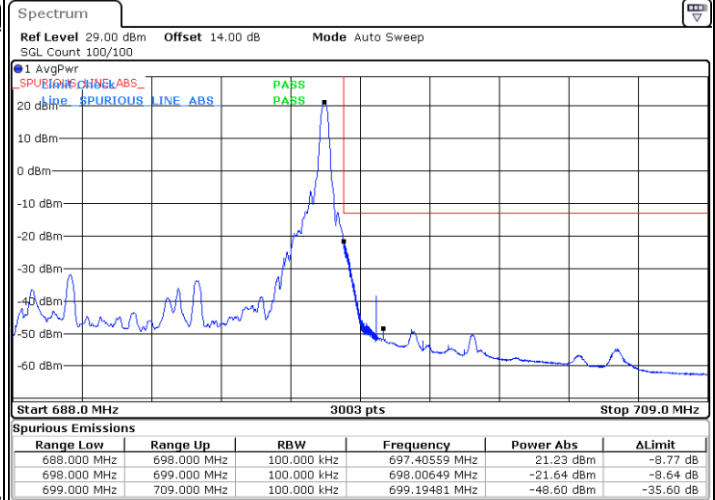


LTE Band 71 / 10MHz / QPSK

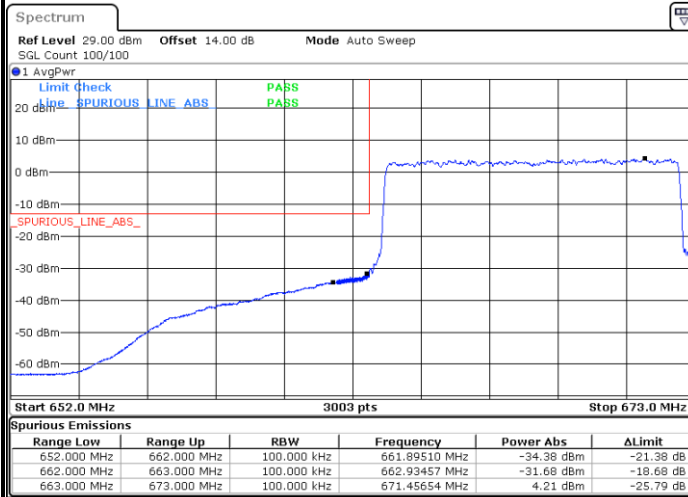
Lowest Band Edge / 1 RB



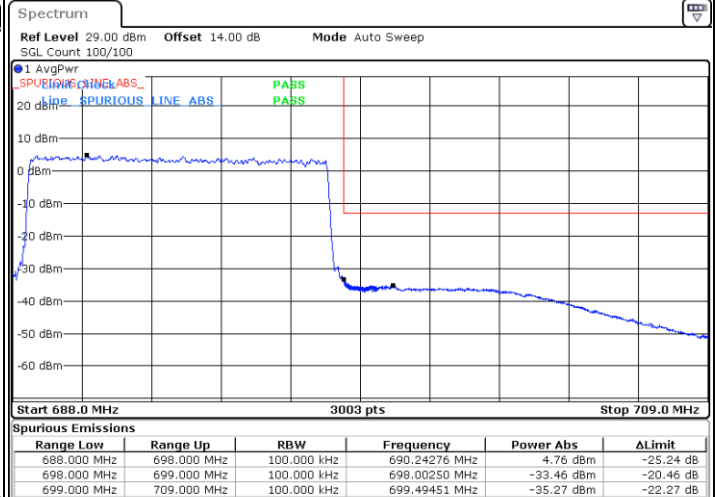
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



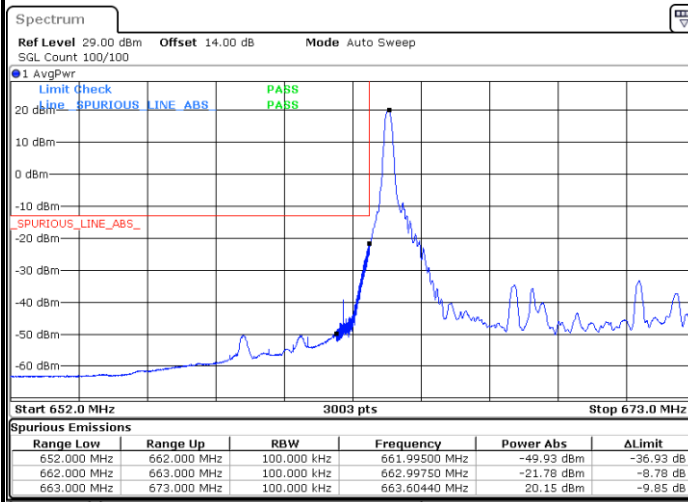
Highest Band Edge / Full RB



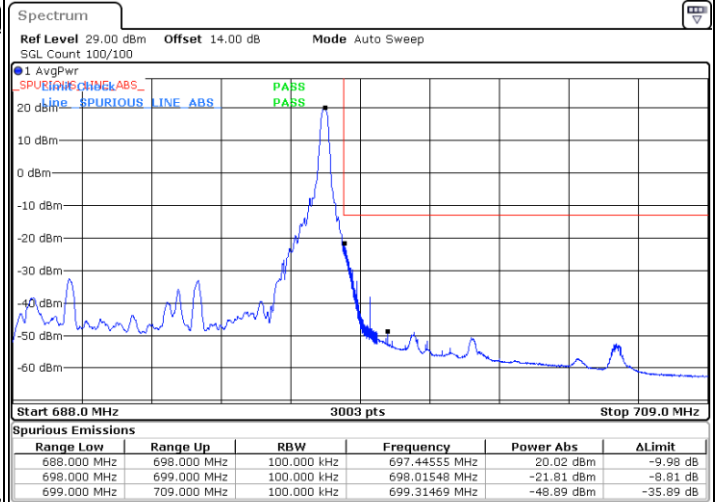


LTE Band 71 / 10MHz / 16QAM

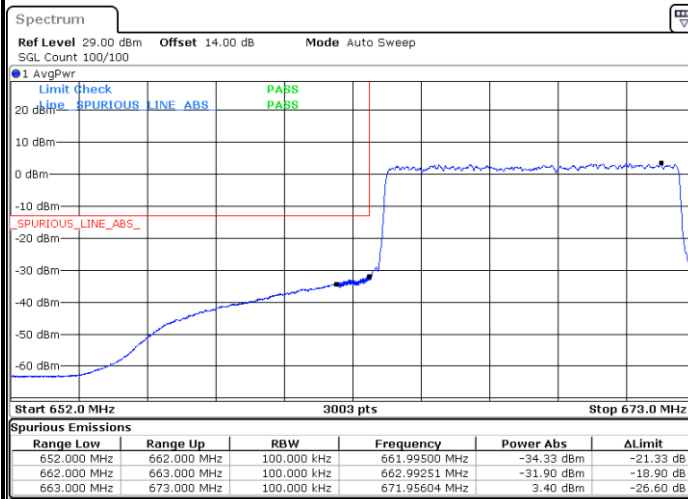
Lowest Band Edge / 1 RB



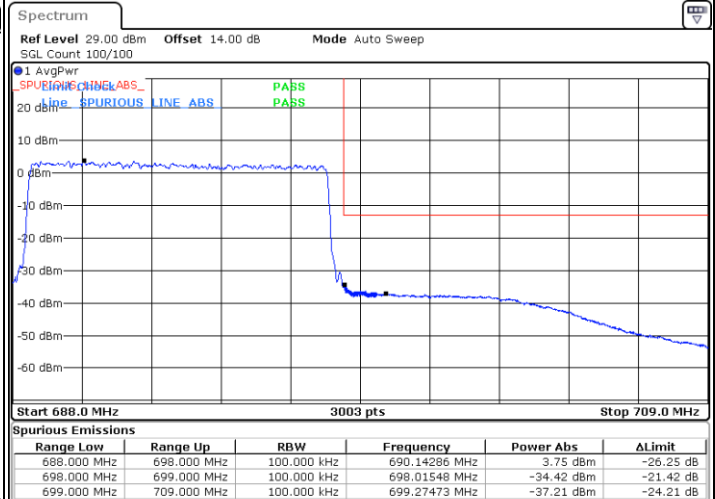
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



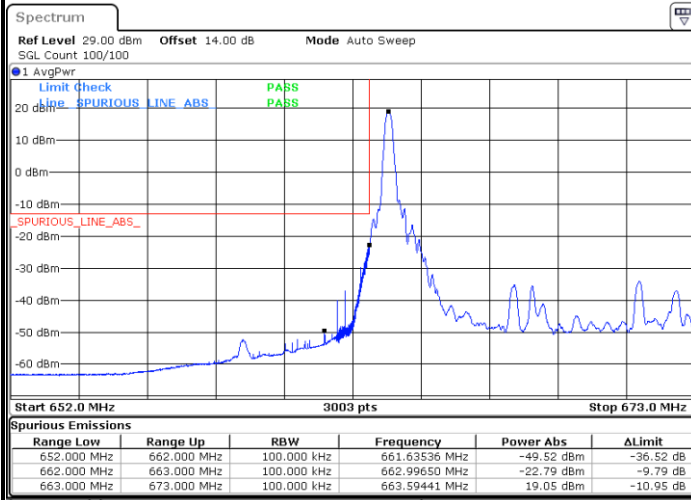
Highest Band Edge / Full RB



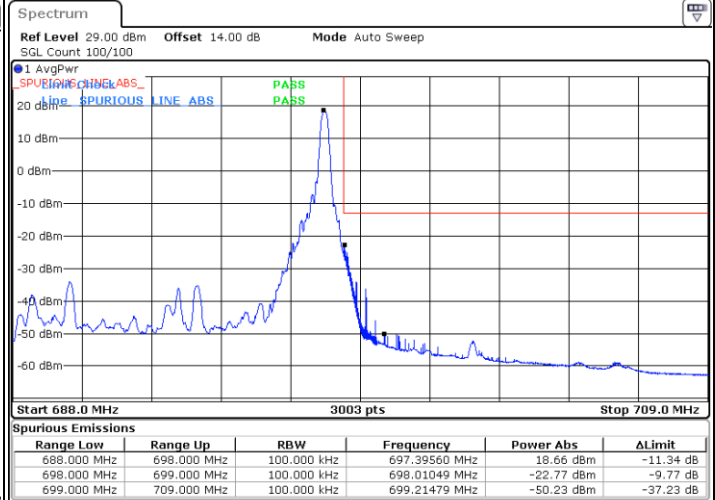


LTE Band 71 / 10MHz / 64QAM

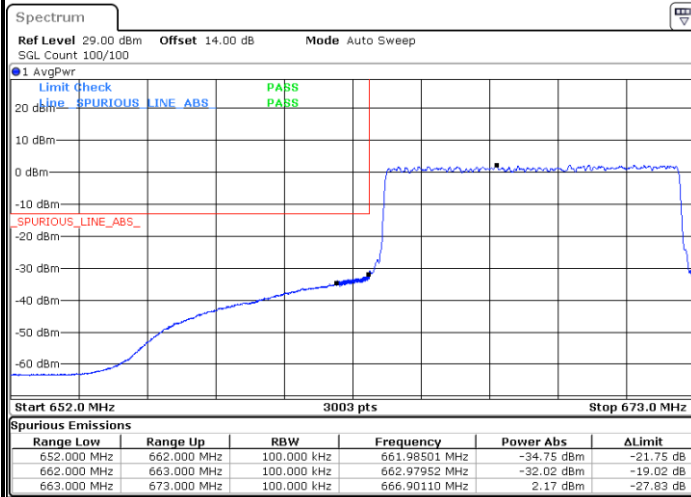
Lowest Band Edge / 1 RB



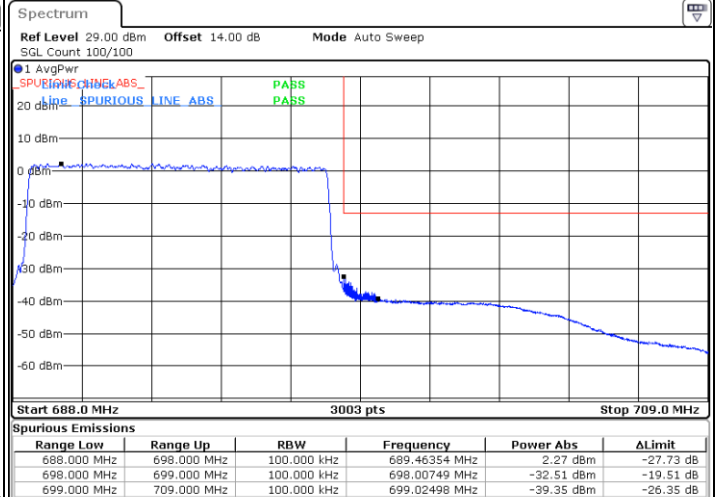
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



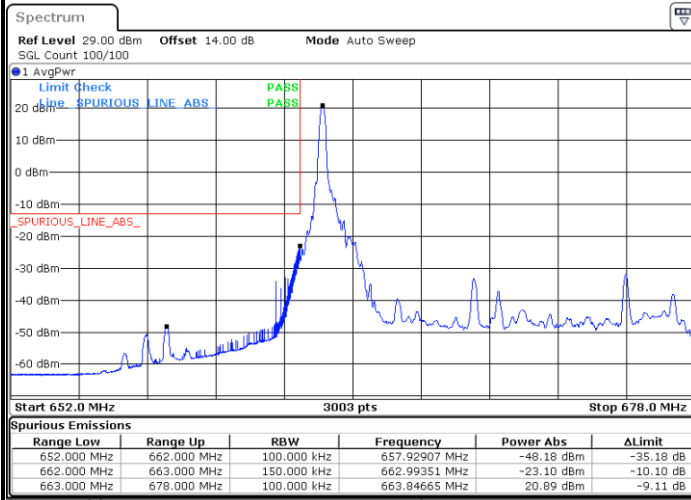
Highest Band Edge / Full RB



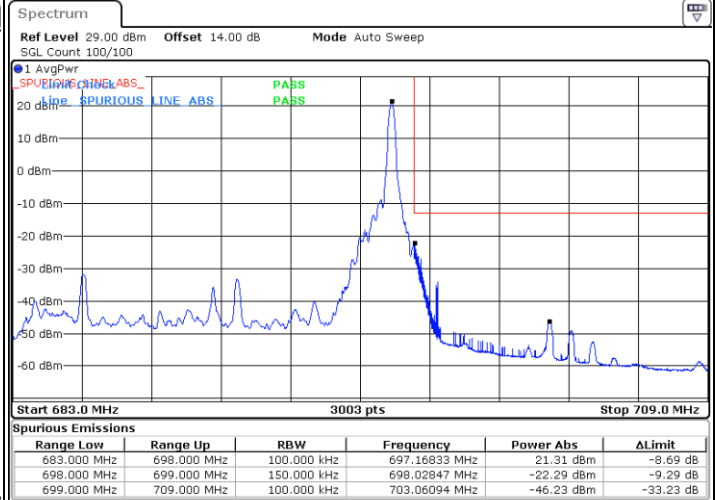


LTE Band 71 / 15MHz / QPSK

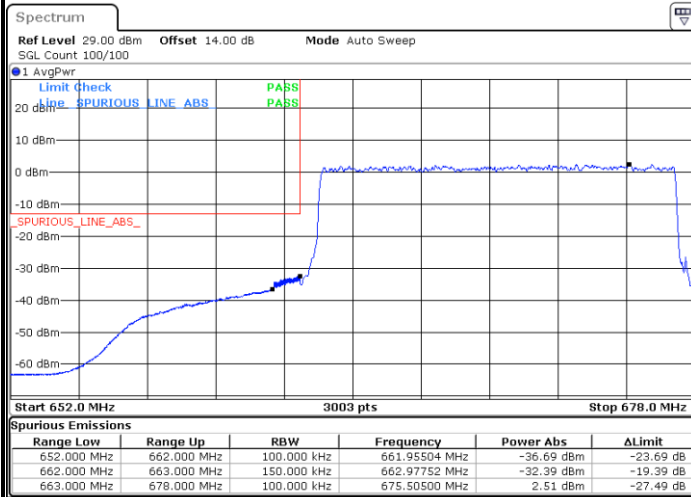
Lowest Band Edge / 1 RB



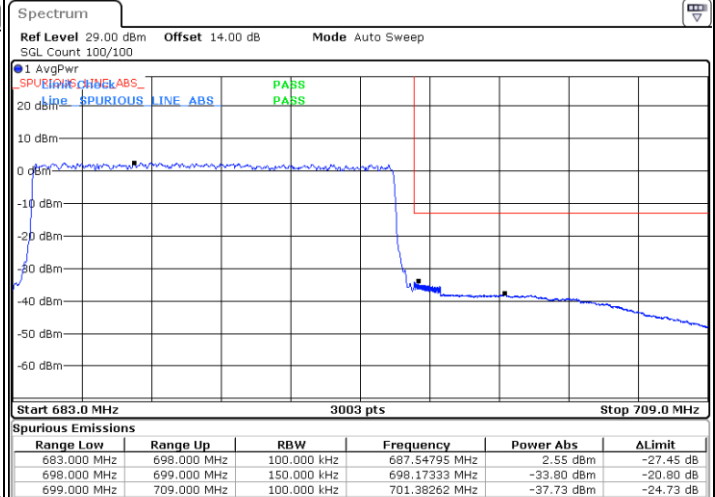
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



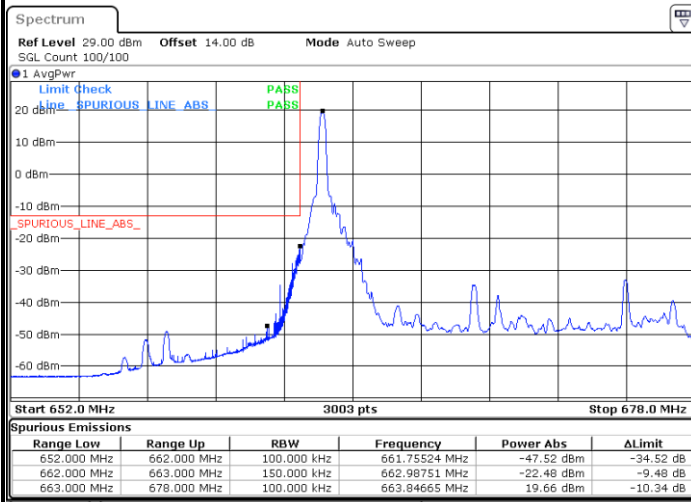
Highest Band Edge / Full RB



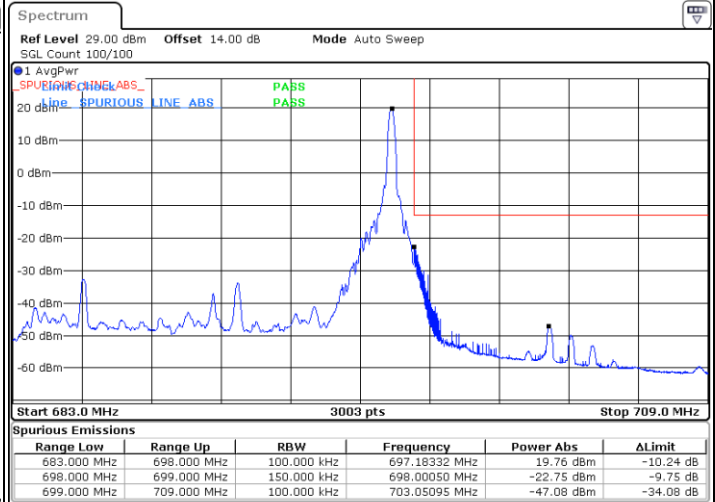


LTE Band 71 / 15MHz / 16QAM

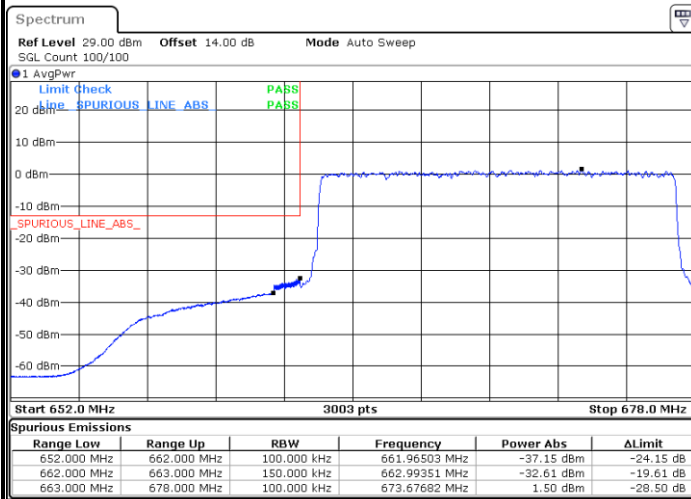
Lowest Band Edge / 1 RB



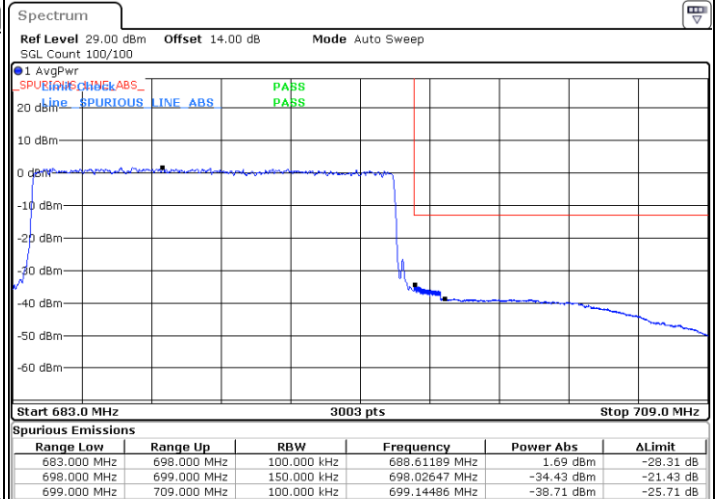
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



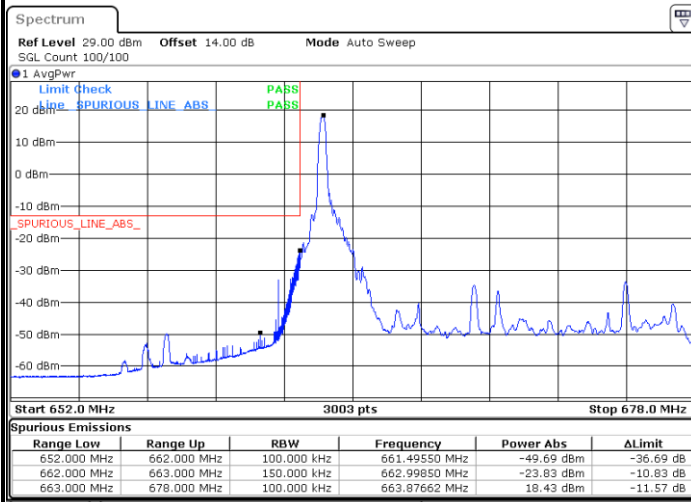
Highest Band Edge / Full RB



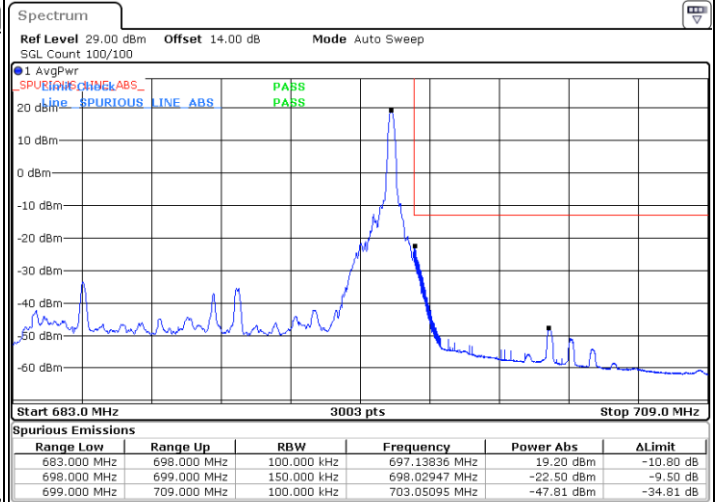


LTE Band 71 / 15MHz / 64QAM

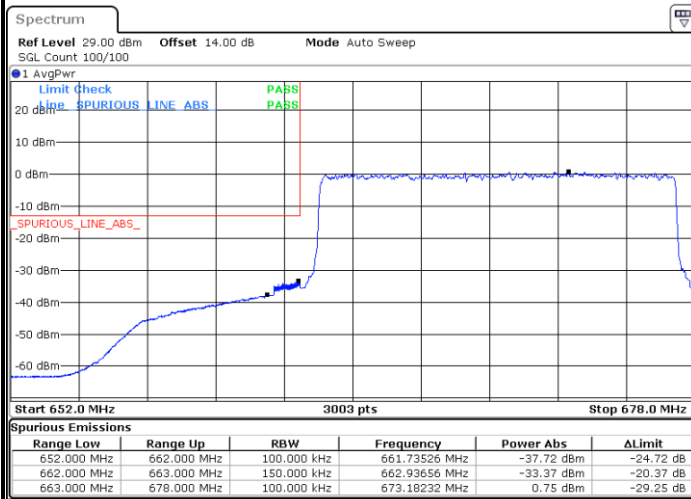
Lowest Band Edge / 1 RB



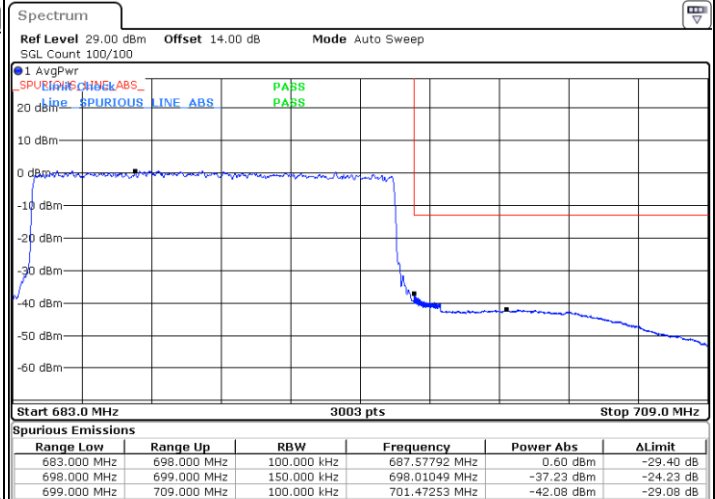
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



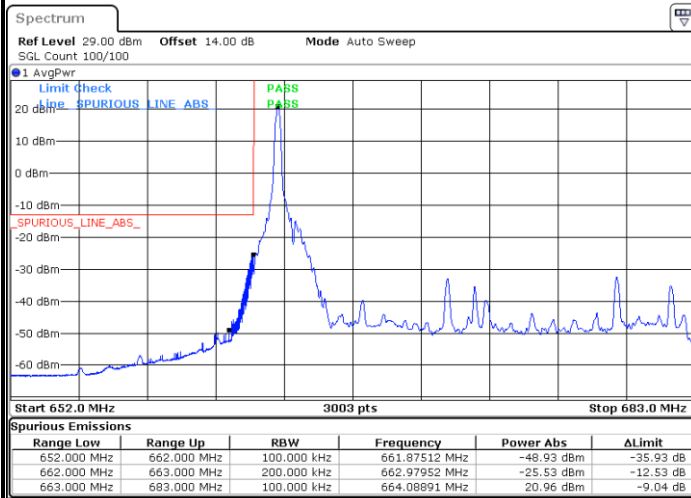
Highest Band Edge / Full RB



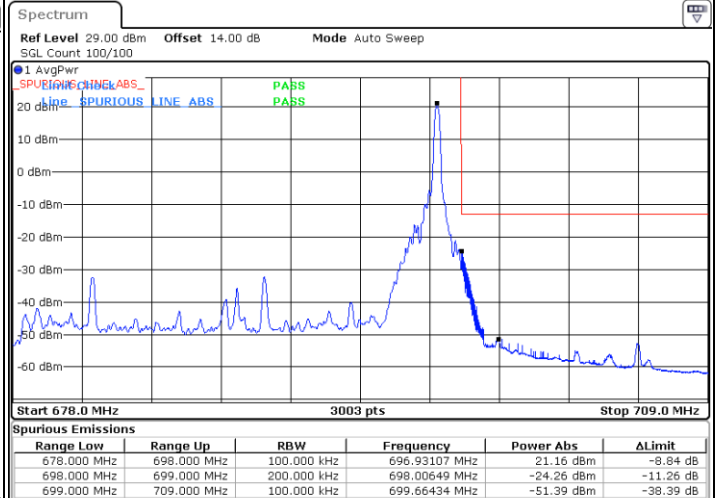


LTE Band 71 / 20MHz / QPSK

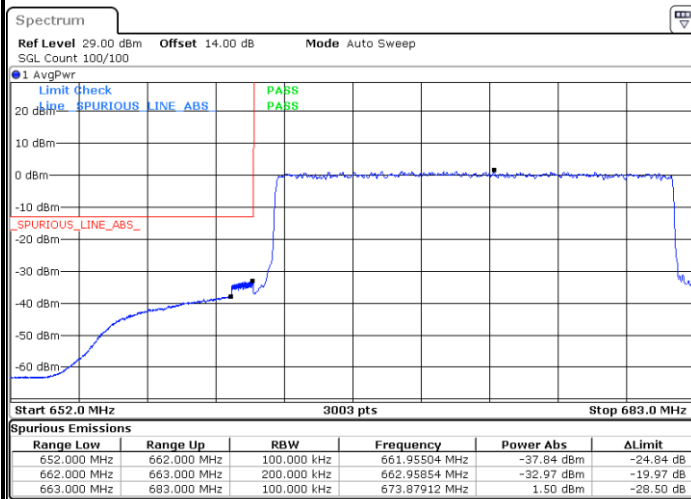
Lowest Band Edge / 1 RB



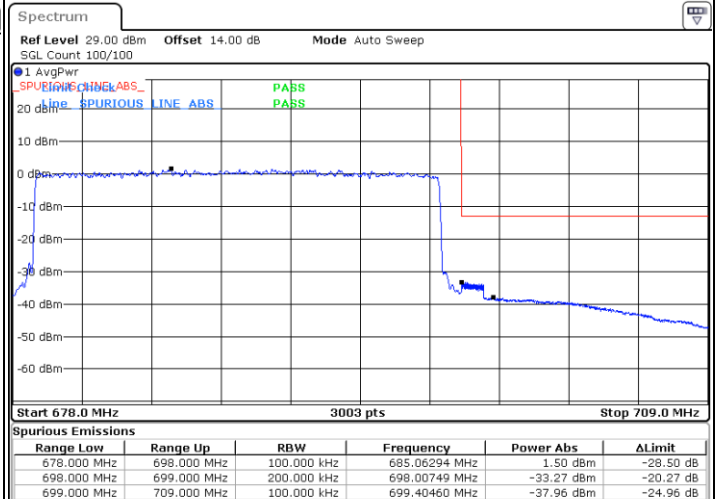
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



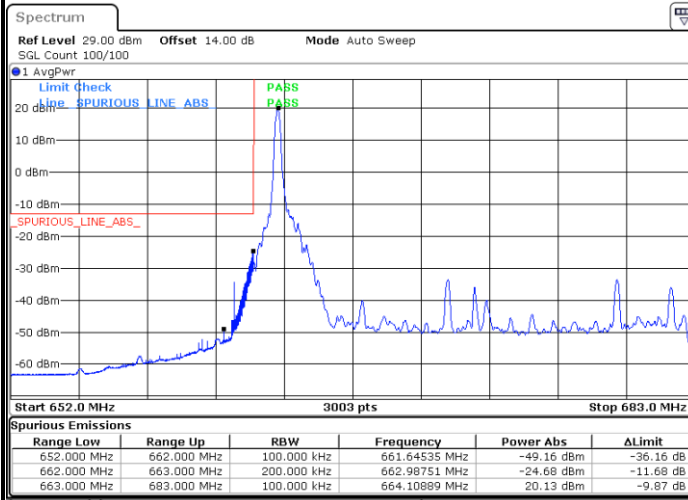
Highest Band Edge / Full RB



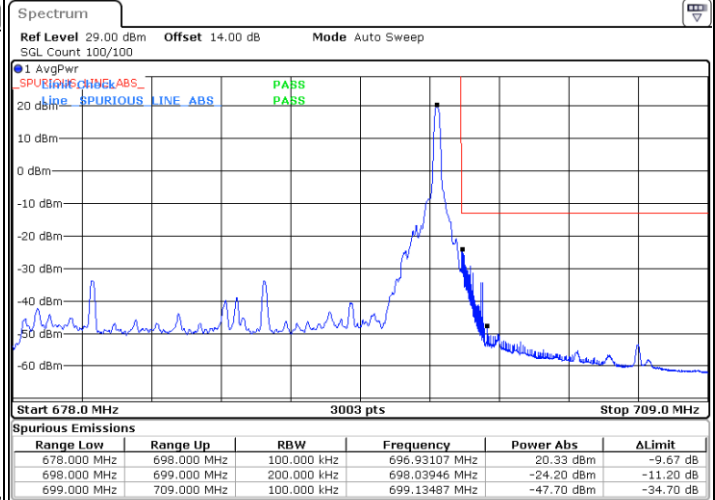


LTE Band 71 / 20MHz / 16QAM

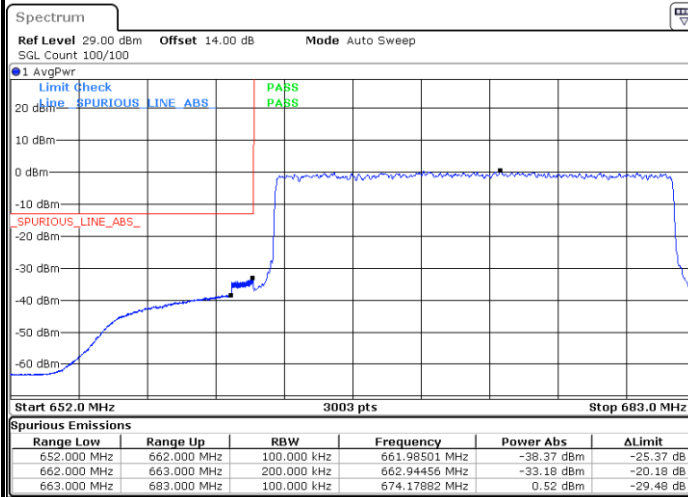
Lowest Band Edge / 1 RB



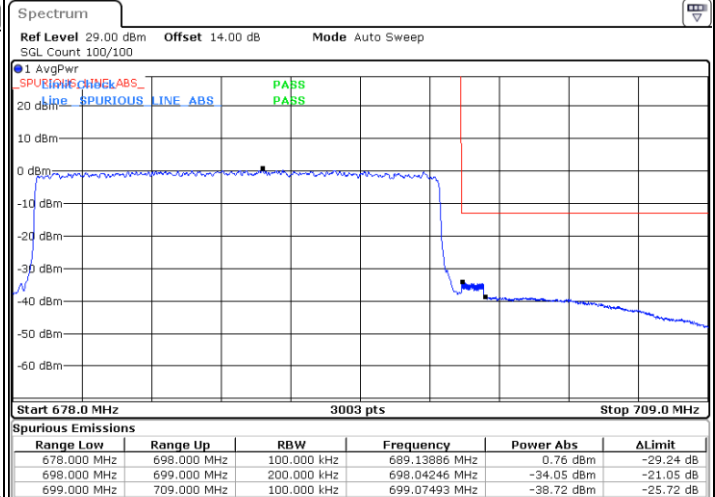
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



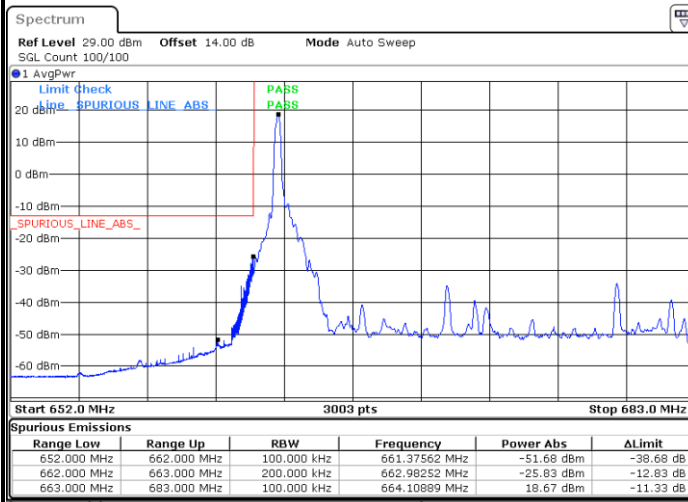
Highest Band Edge / Full RB



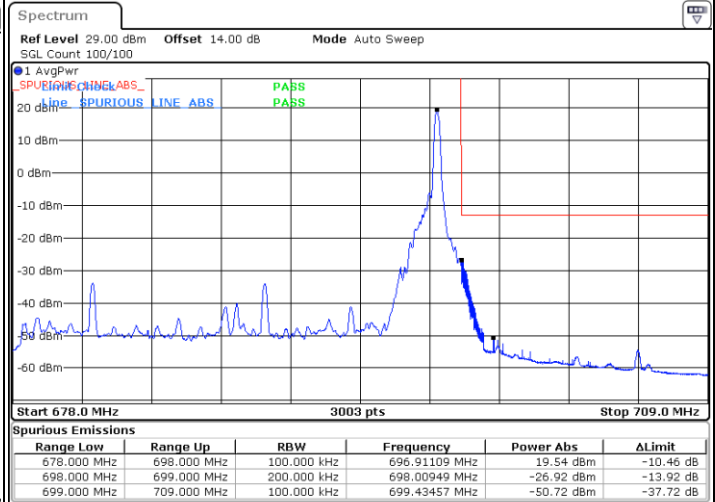


LTE Band 71 / 20MHz / 64QAM

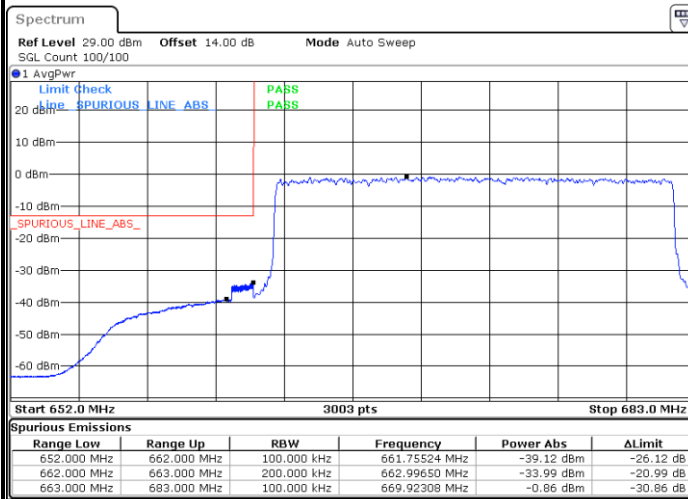
Lowest Band Edge / 1 RB



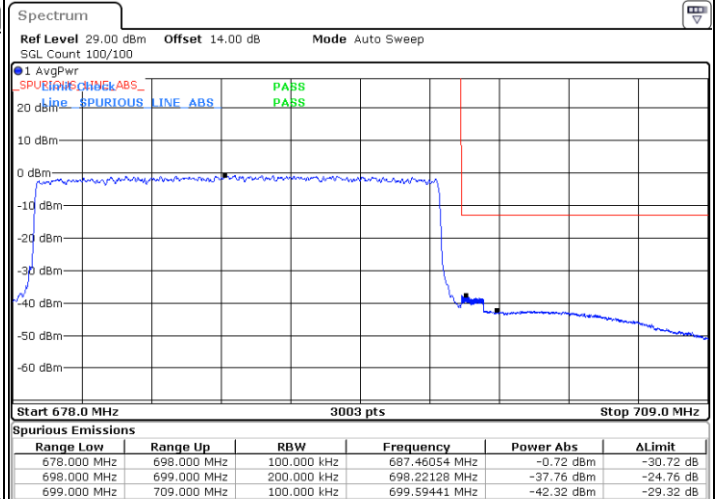
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

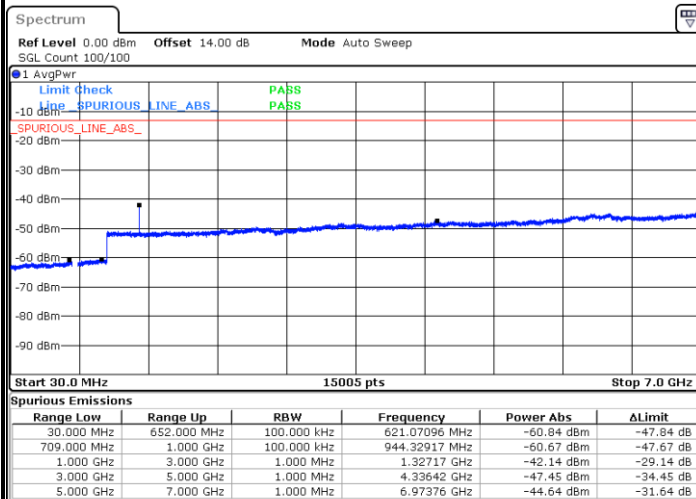




Conducted Spurious Emission

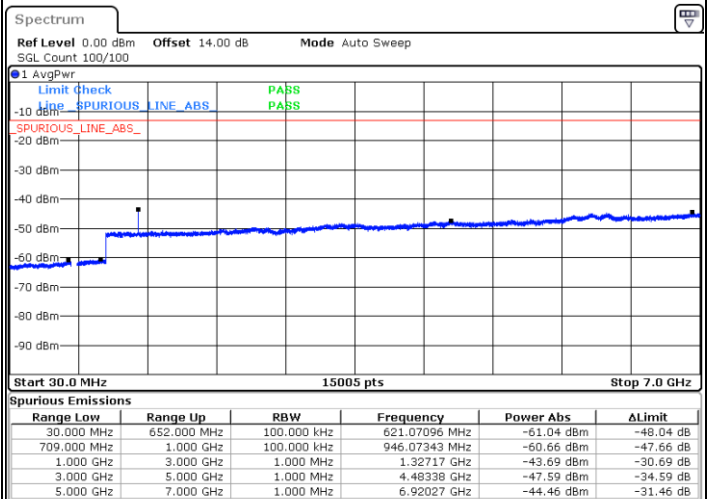
LTE Band 71 / 5MHz

Lowest Channel / QPSK



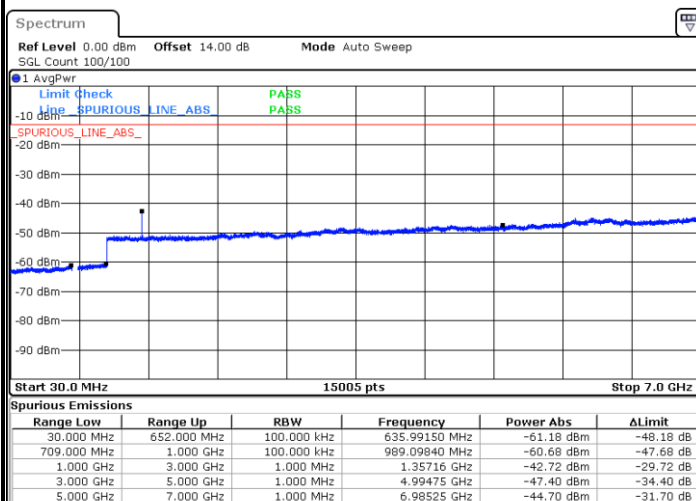
Date: 28.FEB.2022 18:18:22

Lowest Channel / 16QAM



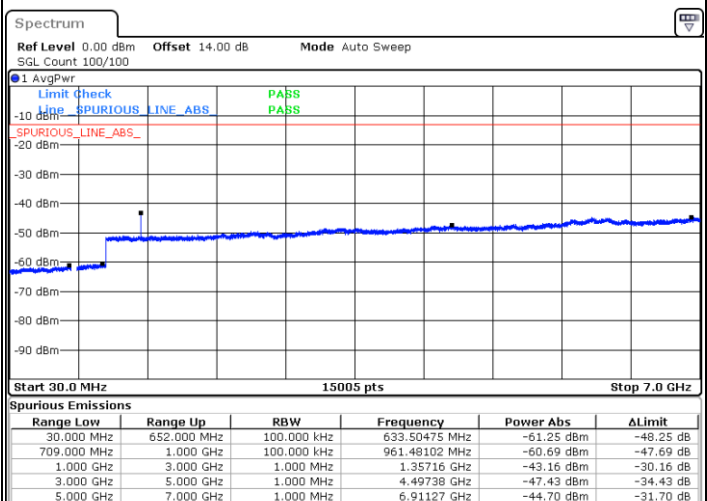
Date: 28.FEB.2022 18:19:44

Middle Channel / QPSK



Date: 28.FEB.2022 18:22:41

Middle Channel / 16QAM

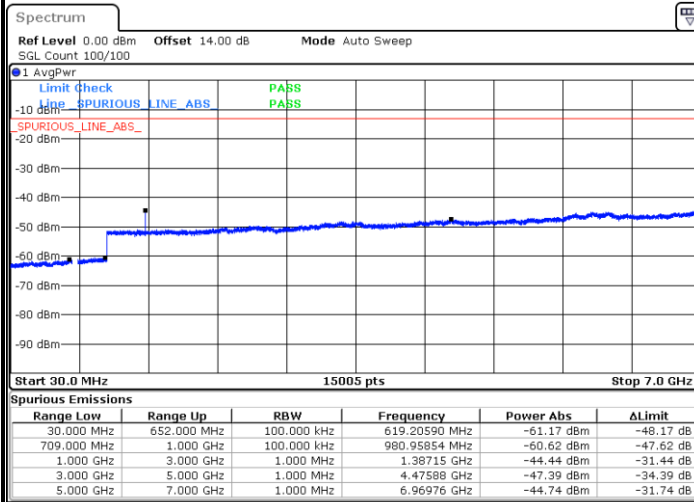


Date: 28.FEB.2022 18:24:02



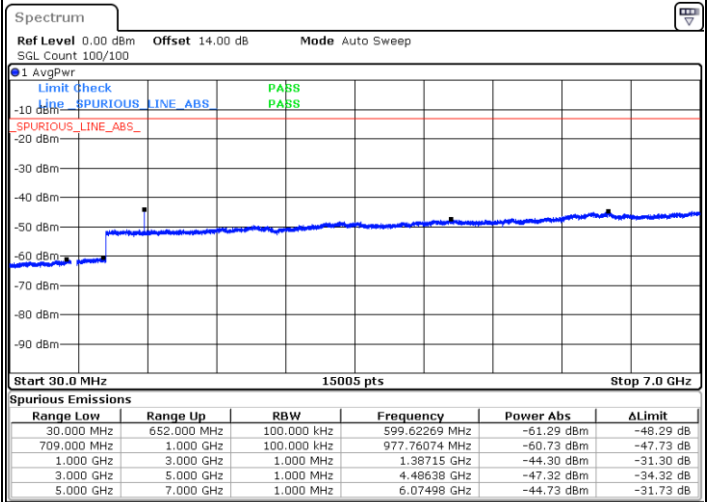
LTE Band 71 / 5MHz

Highest Channel / QPSK



Date: 28.FEB.2022 18:33:56

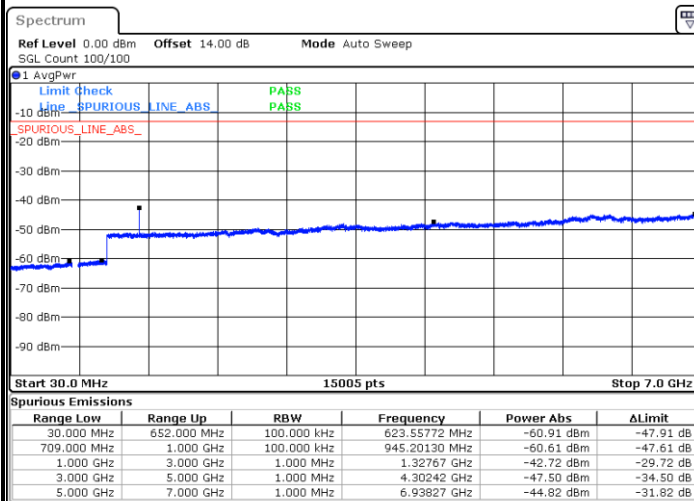
Highest Channel / 16QAM



Date: 28.FEB.2022 18:35:18

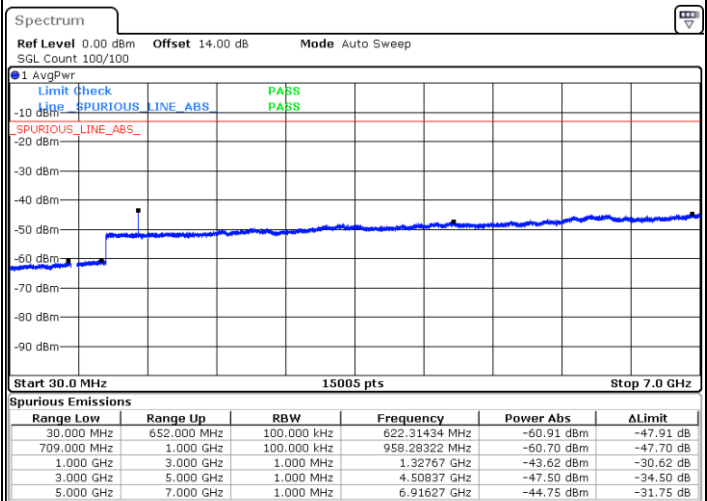
LTE Band 71 / 10MHz

Lowest Channel / QPSK



Date: 28.FEB.2022 18:58:05

Lowest Channel / 16QAM

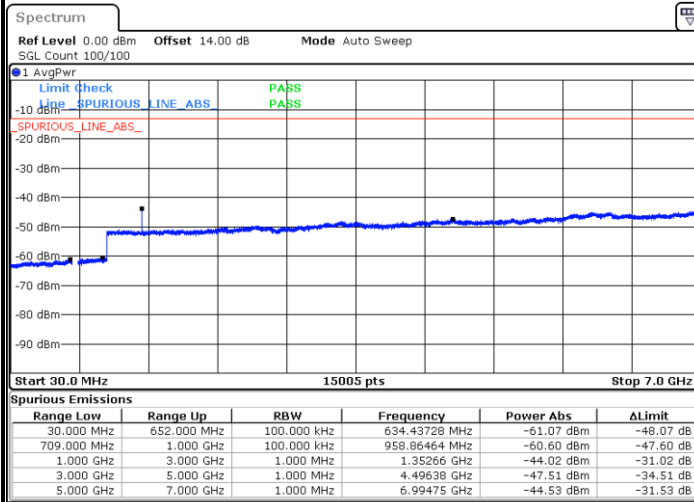


Date: 28.FEB.2022 18:59:27



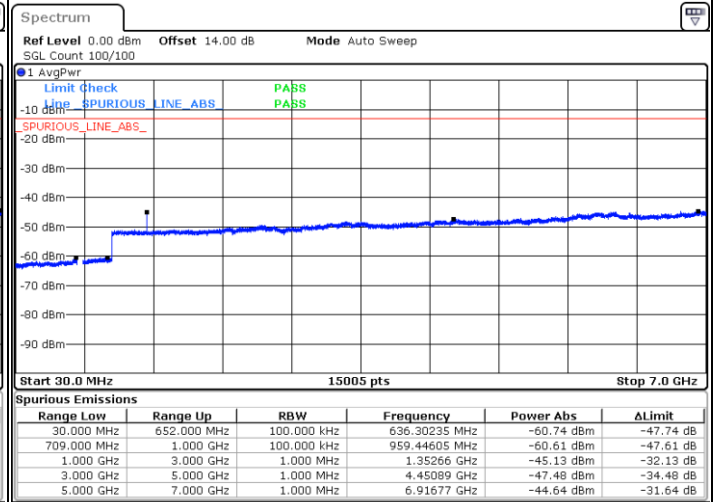
LTE Band 71 / 10MHz

Middle Channel / QPSK



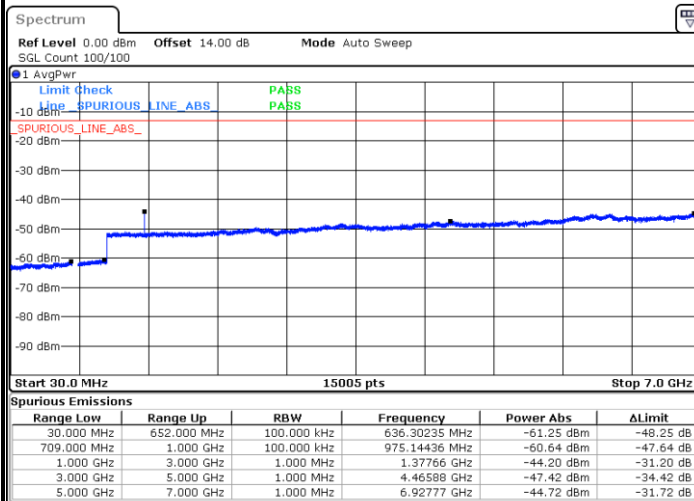
Date: 28.FEB.2022 19:02:26

Middle Channel / 16QAM



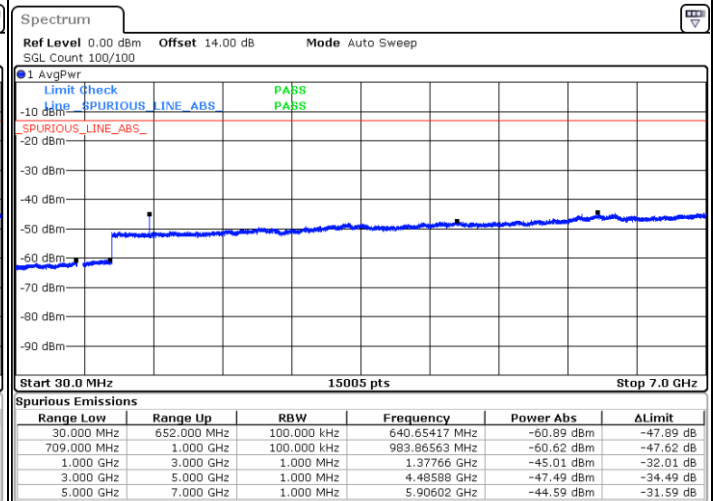
Date: 28.FEB.2022 19:03:47

Highest Channel / QPSK



Date: 28.FEB.2022 19:13:40

Highest Channel / 16QAM

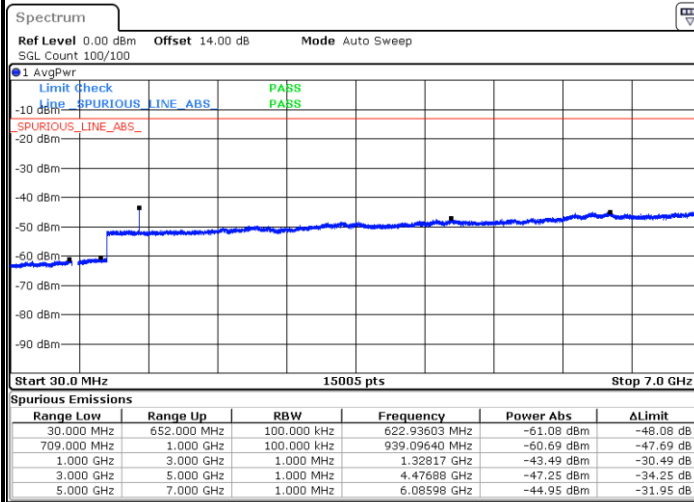


Date: 28.FEB.2022 19:15:02



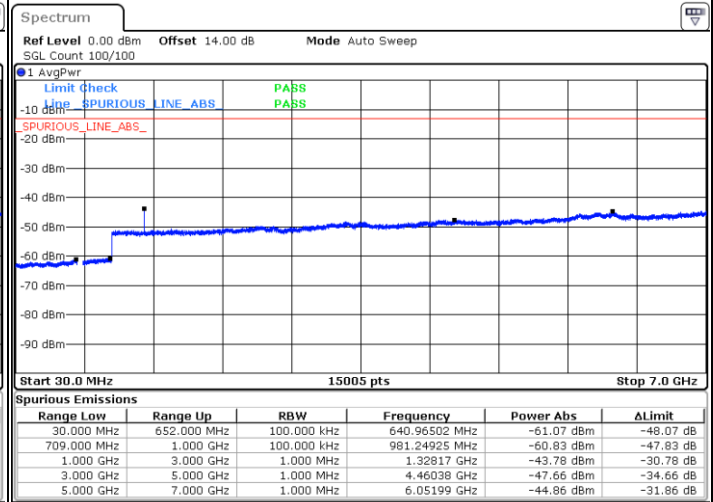
LTE Band 71 / 15MHz

Lowest Channel / QPSK



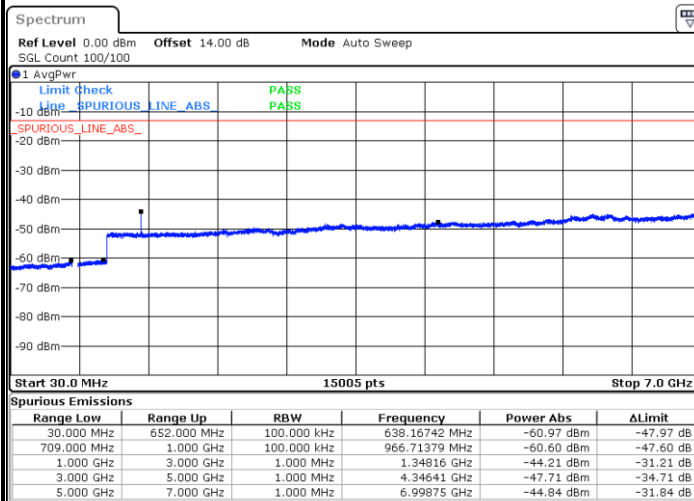
Date: 1.MAR.2022 11:14:57

Lowest Channel / 16QAM



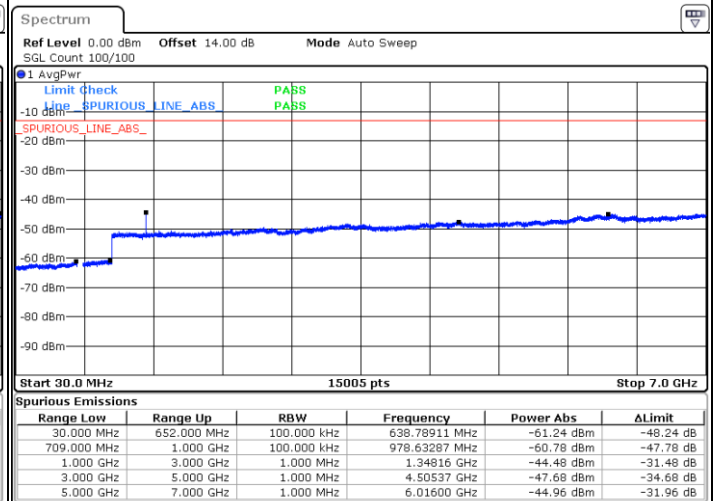
Date: 1.MAR.2022 11:16:19

Middle Channel / QPSK



Date: 1.MAR.2022 11:19:16

Middle Channel / 16QAM

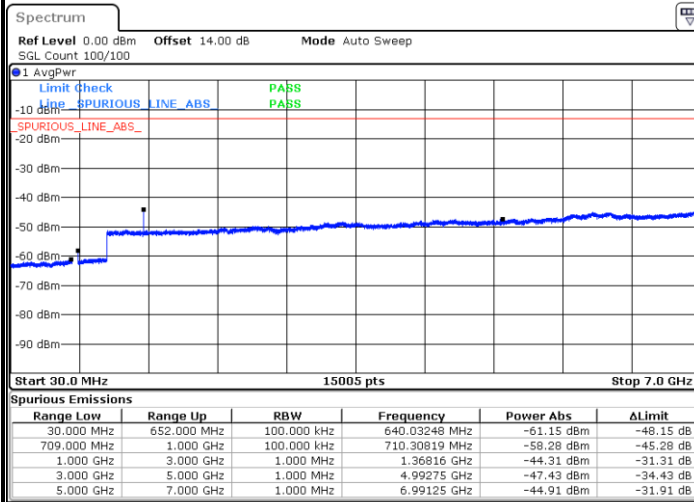


Date: 1.MAR.2022 11:20:38



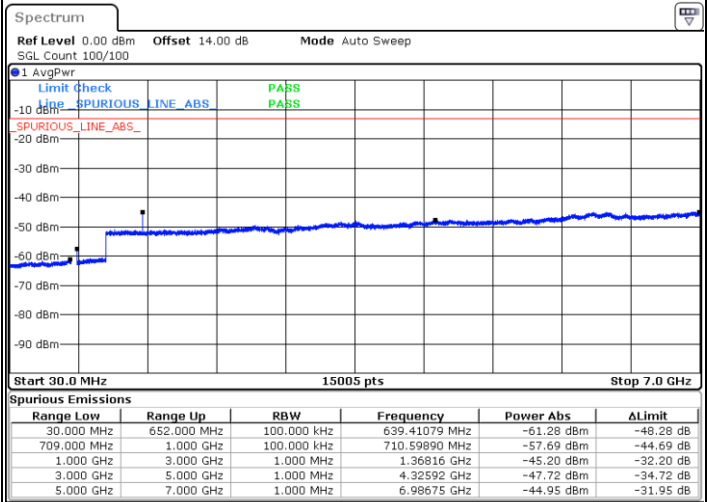
LTE Band71 / 15MHz

Highest Channel / QPSK



Date: 1.MAR.2022 11:30:30

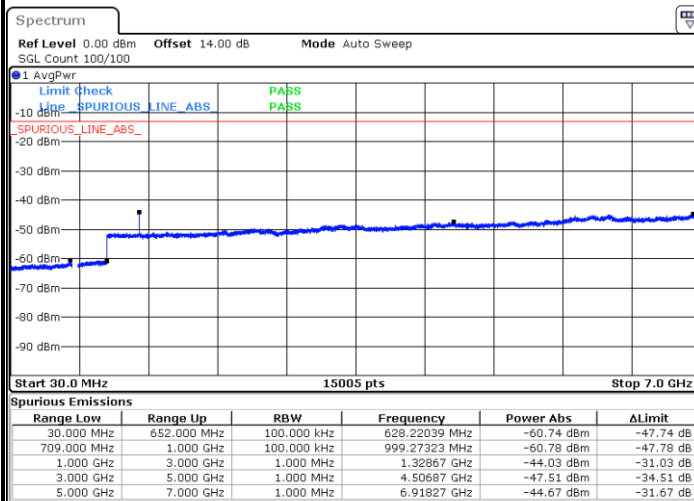
Highest Channel / 16QAM



Date: 1.MAR.2022 11:31:52

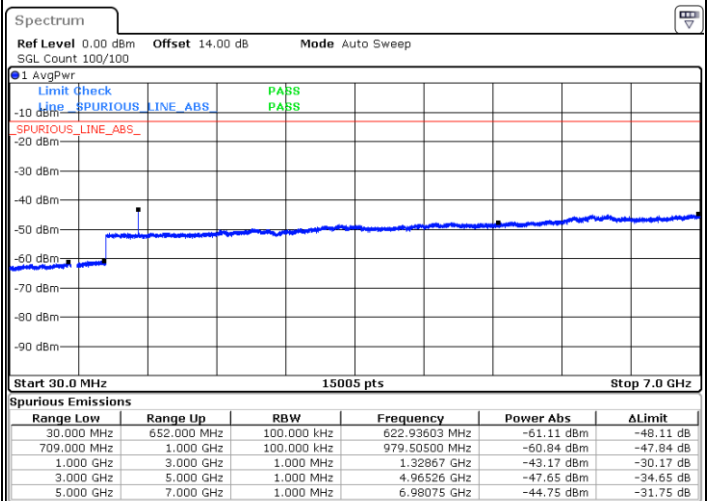
LTE Band 71 / 20MHz

Lowest Channel / QPSK



Date: 1.MAR.2022 11:54:44

Lowest Channel / 16QAM

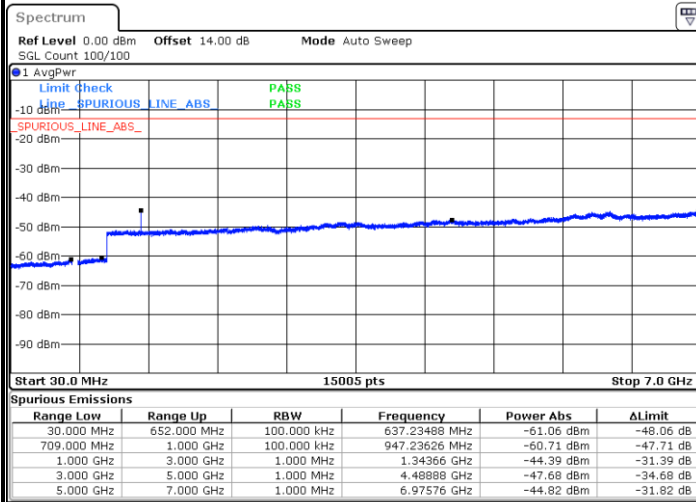


Date: 1.MAR.2022 11:56:06



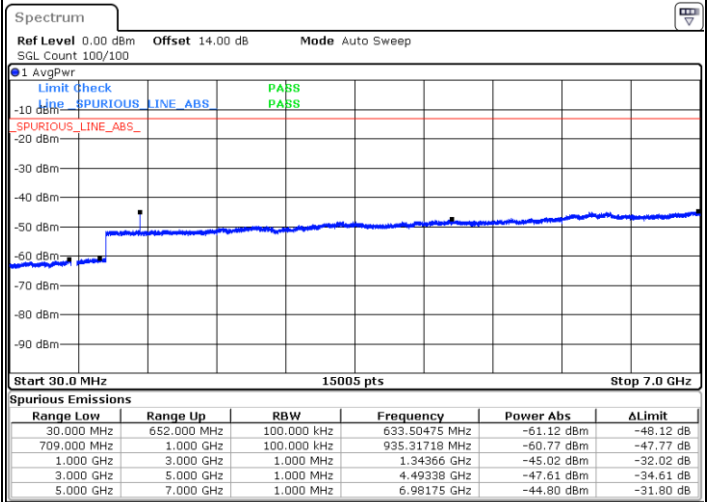
LTE Band 71 / 20MHz

Middle Channel / QPSK



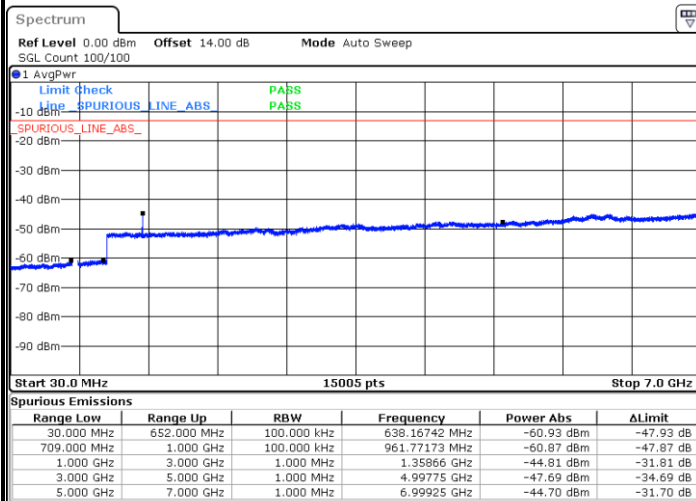
Date: 1.MAR.2022 11:59:03

Middle Channel / 16QAM



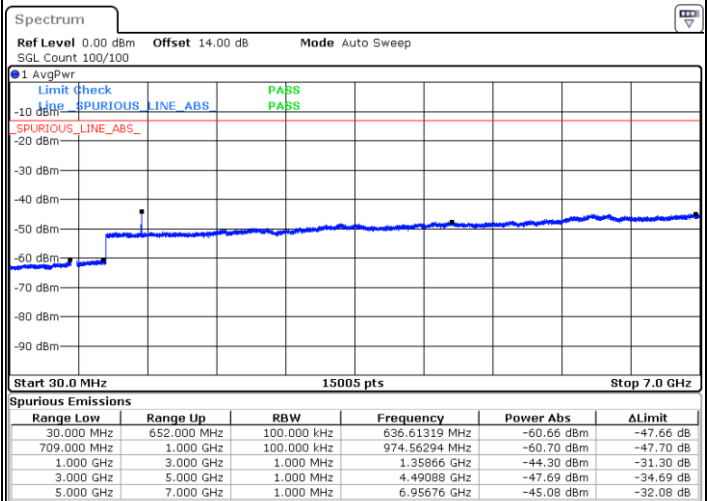
Date: 1.MAR.2022 12:00:24

Highest Channel / QPSK



Date: 1.MAR.2022 12:10:17

Highest Channel / 16QAM

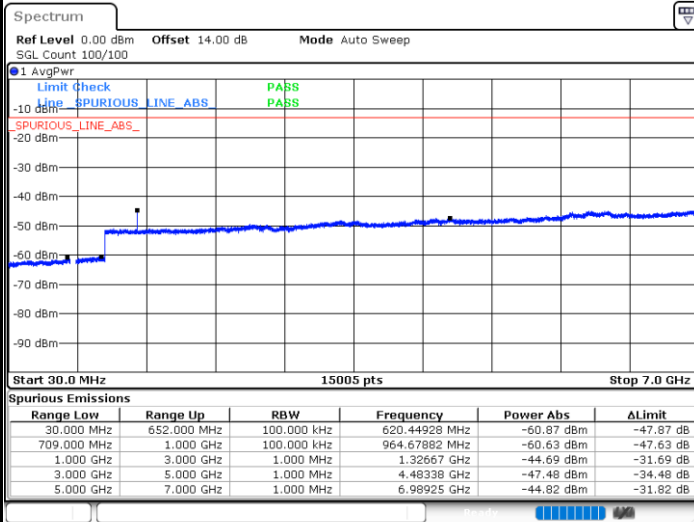


Date: 1.MAR.2022 12:11:39



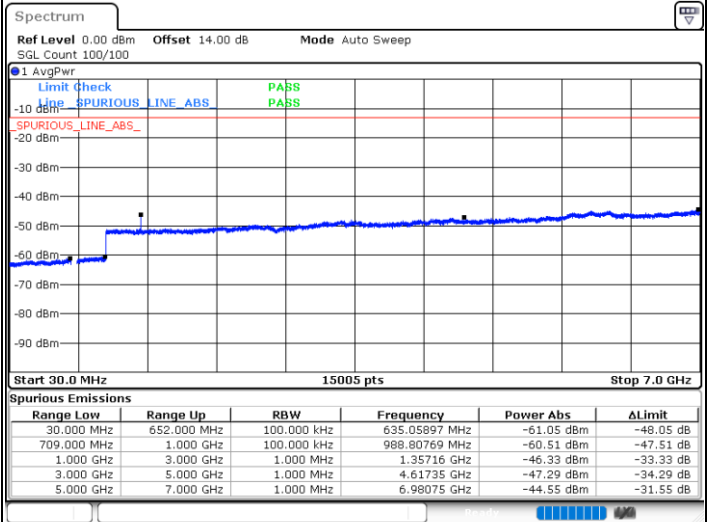
LTE Band 71 / 5MHz

Lowest Channel / 64QAM



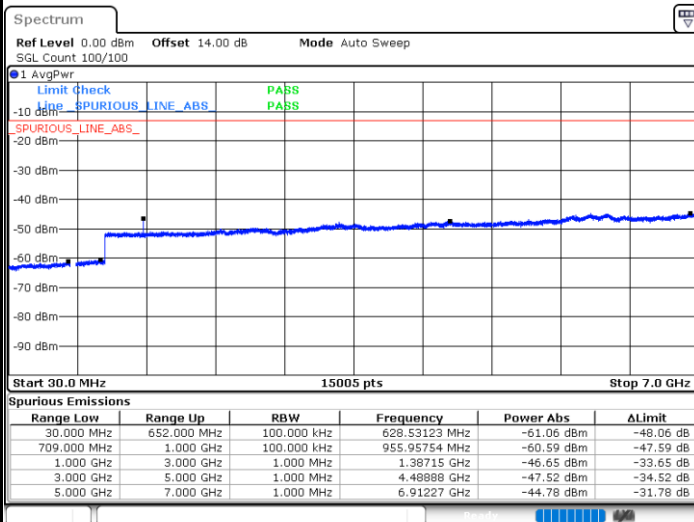
Date: 28.FEB.2022 18:40:46

Middle Channel / 64QAM



Date: 28.FEB.2022 18:42:46

Highest Channel / 64QAM

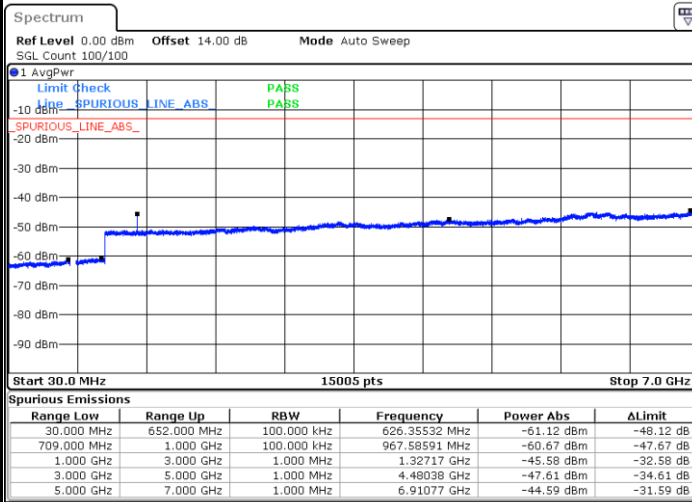


Date: 28.FEB.2022 18:48:14



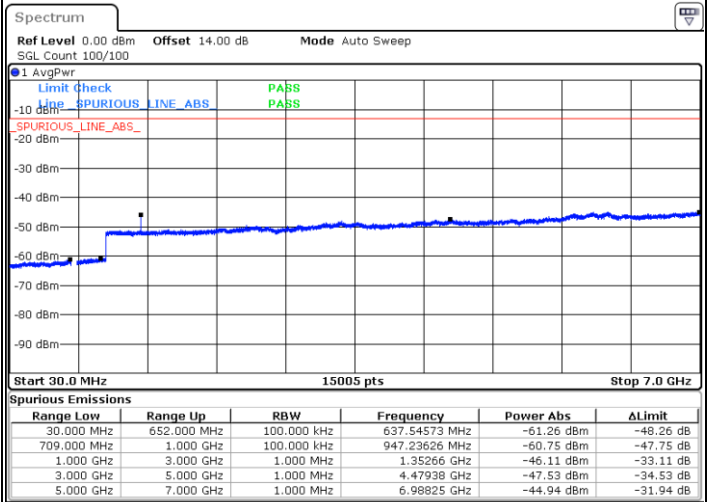
LTE Band 71 / 10MHz

Lowest Channel / 64QAM



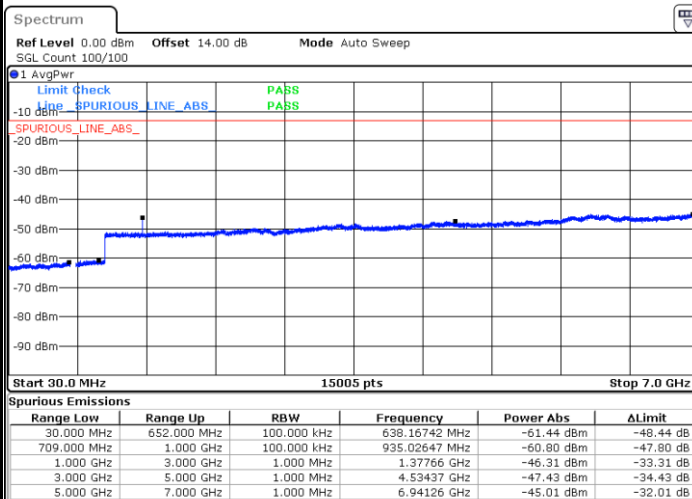
Date: 1.MAR.2022 10:57:35

Middle Channel / 64QAM



Date: 1.MAR.2022 10:59:35

Highest Channel / 64QAM

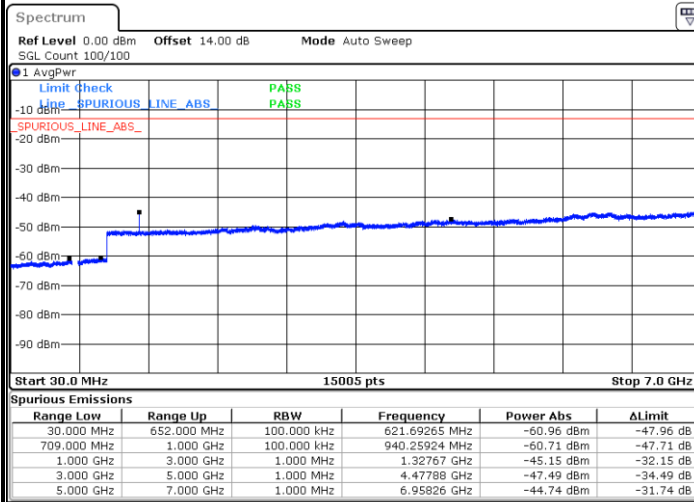


Date: 1.MAR.2022 11:05:04



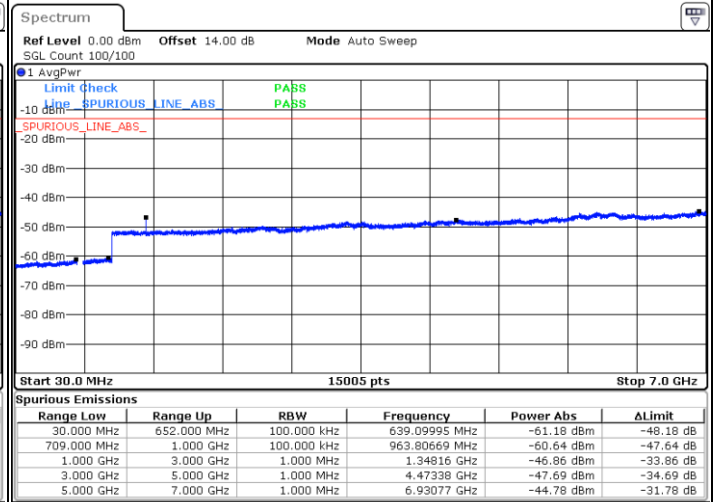
LTE Band 71 / 15MHz

Lowest Channel / 64QAM



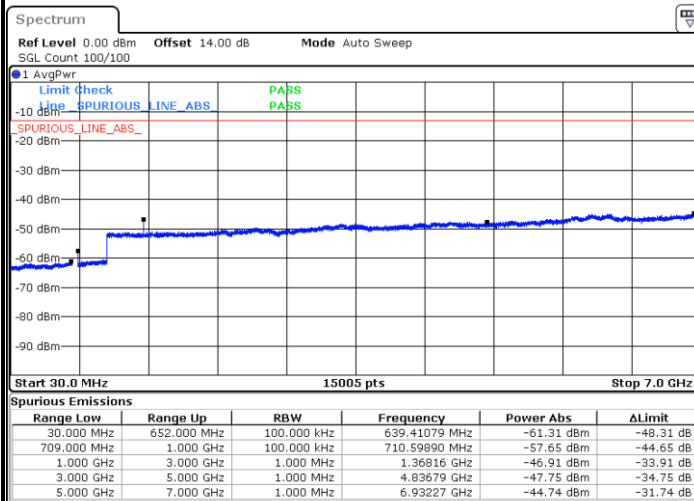
Date: 1.MAR.2022 11:37:20

Middle Channel / 64QAM



Date: 1.MAR.2022 11:39:21

Highest Channel / 64QAM

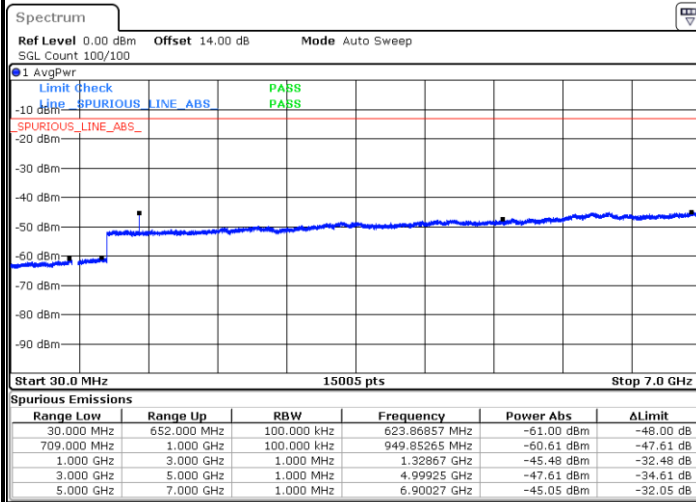


Date: 1.MAR.2022 11:44:50



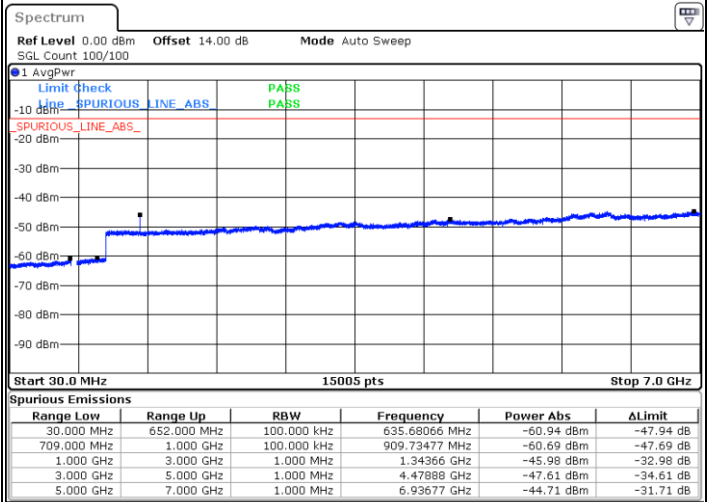
LTE Band 71 / 20MHz

Lowest Channel / 64QAM



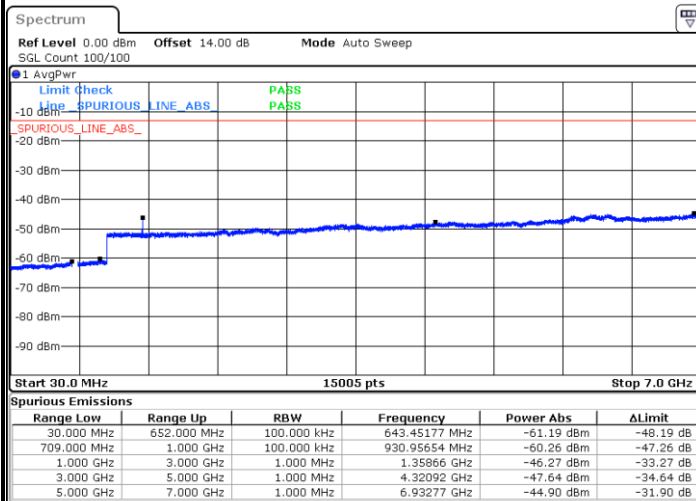
Date: 1.MAR.2022 12:17:07

Middle Channel / 64QAM



Date: 1.MAR.2022 12:19:08

Highest Channel / 64QAM



Date: 1.MAR.2022 12:24:36

Frequency Stability

Test Conditions		LTE Band 71 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0009	PASS
40	Normal Voltage	0.0001	
30	Normal Voltage	0.0003	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0004	
0	Normal Voltage	0.0001	
-10	Normal Voltage	0.0012	
-20	Normal Voltage	0.0004	
-30	Normal Voltage	0.0016	
20	Maximum Voltage	0.0007	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0003	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 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°C
		Relative Humidity :	48~52%

Note: Pre-scanned harmonic for testing, we choose the worst antenna mode to test.

LTE Band 12 / 10MHz / QPSK / Ant.1									
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	-66.55	-13	-53.55	-77.35	-69.78	3.98	9.36	H
	2098.5	-62.31	-13	-49.31	-79.78	-65.86	4.85	10.55	H
	2798	-60.96	-13	-47.96	-79.97	-65.89	5.50	12.58	H
	1399	-65.58	-13	-52.58	-77.41	-68.81	3.98	9.36	V
	2098.5	-62.42	-13	-49.42	-79.68	-65.97	4.85	10.55	V
	2798	-60.06	-13	-47.06	-79.83	-64.99	5.50	12.58	V
Middle	1406	-66.58	-13	-53.58	-77.37	-69.83	4.00	9.40	H
	2109	-62.13	-13	-49.13	-79.60	-65.70	4.88	10.60	H
	2812	-60.73	-13	-47.73	-79.82	-65.66	5.52	12.60	H
	1406	-65.31	-13	-52.31	-77.16	-68.56	4.00	9.40	V
	2109	-62.45	-13	-49.45	-79.71	-66.02	4.88	10.60	V
	2812	-60.05	-13	-47.05	-79.95	-64.98	5.52	12.60	V
Highest	1413	-66.66	-13	-53.66	-77.45	-69.83	4.10	9.42	H
	2119.5	-61.73	-13	-48.73	-79.29	-65.31	4.90	10.63	H
	2826	-60.86	-13	-47.86	-79.95	-65.78	5.55	12.62	H
	1413	-65.55	-13	-52.55	-77.40	-68.72	4.10	9.42	V
	2119.5	-62.11	-13	-49.11	-79.44	-65.69	4.90	10.63	V
	2826	-60.02	-13	-47.02	-79.92	-64.94	5.55	12.62	V

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



LTE Band 13 / 5MHz / QPSK / Ant.1									
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	1558.5	-66.39	-13	-53.39	-77.68	-69.62	3.98	9.36	H
	2337.75	-61.85	-13	-48.85	-79.83	-65.40	4.85	10.55	H
	3117	-59.80	-13	-46.80	-79.89	-64.73	5.50	12.58	H
	1558.5	-66.26	-13	-53.26	-78.17	-69.49	3.98	9.36	V
	2337.75	-61.98	-13	-48.98	-80.33	-65.53	4.85	10.55	V
	3117	-58.36	-13	-45.36	-80.25	-63.29	5.50	12.58	V
Middle	1563.5	-66.90	-42.15	-24.75	-78.19	-70.15	4.00	9.40	H
	2345.25	-61.94	-13	-48.94	-79.92	-65.51	4.88	10.60	H
	3127	-60.71	-13	-47.71	-80.80	-65.64	5.52	12.60	H
	1563.5	-65.82	-42.15	-23.67	-77.73	-69.07	4.00	9.40	V
	2345.25	-60.78	-13	-47.78	-79.13	-64.35	4.88	10.60	V
	3127	-58.60	-13	-45.60	-80.49	-63.53	5.52	12.60	V
Highest	1568.5	-66.68	-42.15	-24.53	-77.97	-69.85	4.10	9.42	H
	2352.75	-62.44	-13	-49.44	-80.41	-66.02	4.90	10.63	H
	3137	-60.39	-13	-47.39	-80.53	-65.31	5.55	12.62	H
	1568.5	-65.87	-42.15	-23.72	-77.78	-69.04	4.10	9.42	V
	2352.75	-61.93	-13	-48.93	-80.36	-65.51	4.90	10.63	V
	3137	-58.55	-13	-45.55	-80.55	-63.47	5.55	12.62	V

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

LTE Band 13 / 10MHz / QPSK / Ant.1									
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	1564	-66.39	-42.15	-24.24	-77.68	-69.64	4.00	9.40	H
	2346	-61.64	-13	-48.64	-79.62	-65.21	4.88	10.60	H
	3128	-60.53	-13	-47.53	-80.62	-65.46	5.52	12.60	H
	1564	-65.63	-42.15	-23.48	-77.54	-68.88	4.00	9.40	V
	2346	-61.26	-13	-48.26	-79.61	-64.83	4.88	10.60	V
	3128	-58.38	-13	-45.38	-80.27	-63.31	5.52	12.60	V

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



LTE Band 25 / 20MHz / 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)
Lowest	3702	-57.34	-13	-44.34	-80.34	-64.10	5.82	12.58	H
	5553	-57.12	-13	-44.12	-81.53	-62.84	7.28	13.00	H
	7404	-54.74	-13	-41.74	-81.49	-57.90	8.32	11.48	H
	3702	-54.91	-13	-41.91	-79.6	-61.67	5.82	12.58	V
	5553	-56.70	-13	-43.70	-81.54	-62.42	7.28	13.00	V
	7404	-54.36	-13	-41.36	-81.08	-57.52	8.32	11.48	V
Middle	3747	-57.62	-13	-44.62	-79.96	-64.37	5.85	12.60	H
	5620.5	-56.57	-13	-43.57	-80.77	-62.37	7.30	13.10	H
	7494	-54.96	-13	-41.96	-81.36	-58.11	8.35	11.50	H
	3747	-54.79	-13	-41.79	-80.29	-61.54	5.85	12.60	V
	5620.5	-56.48	-13	-43.48	-81.18	-62.28	7.30	13.10	V
	7494	-55.15	-13	-42.15	-81.54	-58.30	8.35	11.50	V
Highest	3792	-57.12	-13	-44.12	-80.35	-63.86	5.88	12.62	H
	5688	-56.43	-13	-43.43	-80.85	-62.24	7.32	13.13	H
	7584	-55.38	-13	-42.38	-81.46	-58.54	8.38	11.54	H
	3792	-55.79	-13	-42.79	-80.51	-62.53	5.88	12.62	V
	5688	-56.42	-13	-43.42	-81.19	-62.23	7.32	13.13	V
	7584	-55.63	-13	-42.63	-81.71	-58.79	8.38	11.54	V

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



LTE Band 26 / 15MHz / QPSK / Ant.1									
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	-66.49	-13	-53.49	-78.05	-69.72	3.98	9.36	H
	2474.25	-61.08	-13	-48.08	-79.72	-64.63	4.85	10.55	H
	3299	-59.93	-13	-46.93	-80.71	-64.86	5.50	12.58	H
	1649.5	-65.45	-13	-52.45	-77.65	-68.68	3.98	9.36	V
	2474.25	-60.82	-13	-47.82	-79.78	-64.37	4.85	10.55	V
	3299	-58.96	-13	-45.96	-80.63	-63.89	5.50	12.58	V
Middle	1659.5	-66.11	-13	-53.11	-77.76	-69.36	4.00	9.40	H
	2489.25	-61.06	-13	-48.06	-79.83	-64.63	4.88	10.60	H
	3319	-59.86	-13	-46.86	-80.74	-64.79	5.52	12.60	H
	1659.5	-65.60	-13	-52.60	-77.92	-68.85	4.00	9.40	V
	2489.25	-60.52	-13	-47.52	-79.55	-64.09	4.88	10.60	V
	3319	-59.47	-13	-46.47	-81.05	-64.40	5.52	12.60	V
Highest	1669.5	-66.49	-13	-53.49	-78.14	-69.66	4.10	9.42	H
	2504.25	-61.00	-13	-48.00	-79.77	-64.58	4.90	10.63	H
	3339	-60.05	-13	-47.05	-81.12	-64.97	5.55	12.62	H
	1669.5	-65.57	-13	-52.57	-77.89	-68.74	4.10	9.42	V
	2504.25	-60.73	-13	-47.73	-79.76	-64.31	4.90	10.63	V
	3339	-59.44	-13	-46.44	-80.81	-64.36	5.55	12.62	V

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



LTE Band 66 / 20MHz / 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)
Lowest	3422	-59.97	-13	-46.97	-80.55	-66.85	5.60	12.48	H
	5133	-57.84	-13	-44.84	-81.53	-63.52	7.10	12.78	H
	6844	-55.59	-13	-42.59	-81.20	-58.98	8.38	11.77	H
	3422	-58.96	-13	-45.96	-80.74	-65.84	5.60	12.48	V
	5133	-57.37	-13	-44.37	-81.8	-63.05	7.10	12.78	V
	6844	-54.33	-13	-41.33	-81.77	-57.72	8.38	11.77	V
Middle	3472	-58.84	-13	-45.84	-80.79	-65.69	5.65	12.50	H
	5208	-57.09	-13	-44.09	-81.31	-62.76	7.13	12.80	H
	6944	-55.73	-13	-42.73	-81.44	-59.13	8.40	11.80	H
	3472	-58.09	-13	-45.09	-79.84	-64.94	5.65	12.50	V
	5208	-57.19	-13	-44.19	-81.58	-62.86	7.13	12.80	V
	6944	-55.55	-13	-42.55	-81.99	-58.95	8.40	11.80	V
Highest	3522	-58.44	-13	-45.44	-80.77	-65.28	5.68	12.52	H
	5283	-56.53	-13	-43.53	-80.97	-62.20	7.15	12.82	H
	7044	-55.85	-13	-42.85	-81.81	-59.28	8.42	11.85	H
	3522	-56.65	-13	-43.65	-79.38	-63.49	5.68	12.52	V
	5283	-56.61	-13	-43.61	-80.84	-62.28	7.15	12.82	V
	7044	-54.99	-13	-41.99	-81.62	-58.42	8.42	11.85	V

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



LTE Band 71 / 20MHz / QPSK / Ant.1									
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	1328	-66.36	-13	-53.36	-76.86	-69.59	3.98	9.36	H
	1992	-62.77	-13	-49.77	-79.42	-66.32	4.85	10.55	H
	2656	-60.99	-13	-47.99	-80.21	-65.92	5.50	12.58	H
	1328	-65.47	-13	-52.47	-76.90	-68.70	3.98	9.36	V
	1992	-62.85	-13	-49.85	-79.45	-66.40	4.85	10.55	V
	2656	-60.62	-13	-47.62	-80.22	-65.55	5.50	12.58	V
Middle	1343	-63.41	-13	-50.41	-73.90	-66.66	4.00	9.40	H
	2014.5	-62.01	-13	-49.01	-79.03	-65.58	4.88	10.60	H
	2686	-60.49	-13	-47.49	-79.67	-65.42	5.52	12.60	H
	1343	-65.39	-13	-52.39	-76.83	-68.64	4.00	9.40	V
	2014.5	-62.59	-13	-49.59	-79.50	-66.16	4.88	10.60	V
	2686	-60.22	-13	-47.22	-79.86	-65.15	5.52	12.60	V
Highest	1358	-66.72	-13	-53.72	-77.31	-69.89	4.10	9.42	H
	2037	-62.44	-13	-49.44	-79.55	-66.02	4.90	10.63	H
	2716	-60.21	-13	-47.21	-79.34	-65.13	5.55	12.62	H
	1358	-65.53	-13	-52.53	-77.10	-68.70	4.10	9.42	V
	2037	-62.68	-13	-49.68	-79.66	-66.26	4.90	10.63	V
	2716	-60.02	-13	-47.02	-79.70	-64.94	5.55	12.62	V

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