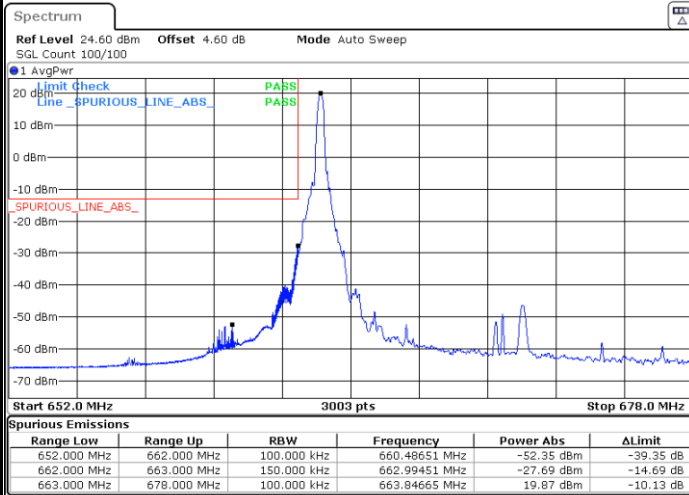


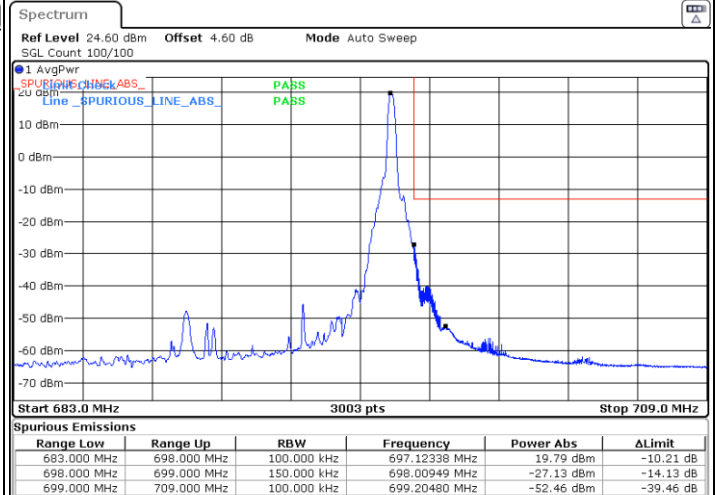


LTE Band 71 / 15MHz / 16QAM

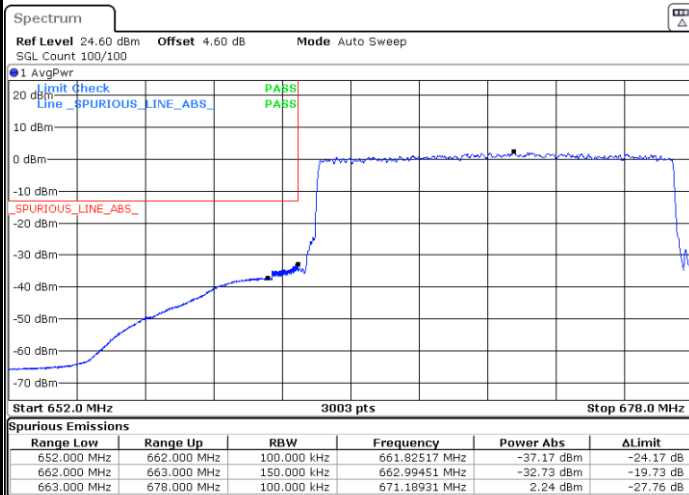
Lowest Band Edge / 1 RB



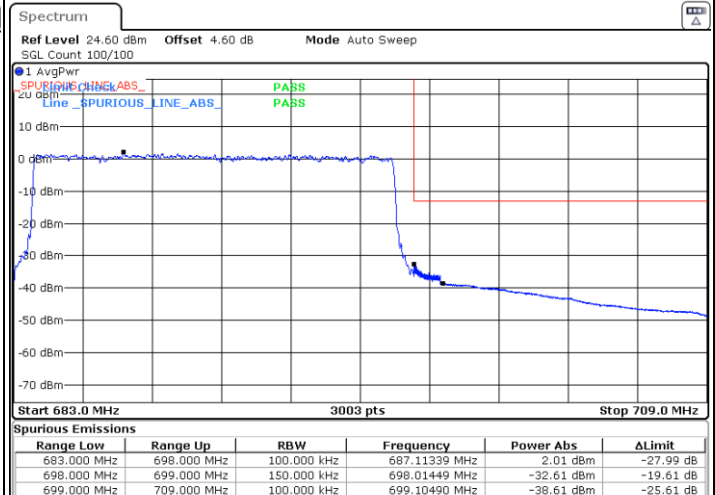
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



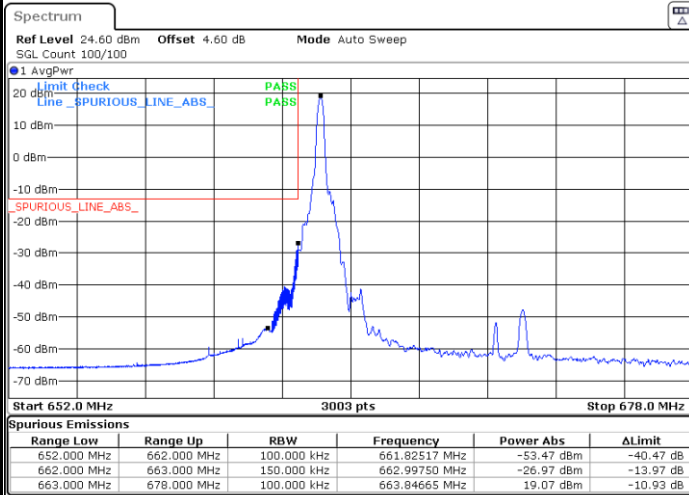
Highest Band Edge / Full RB



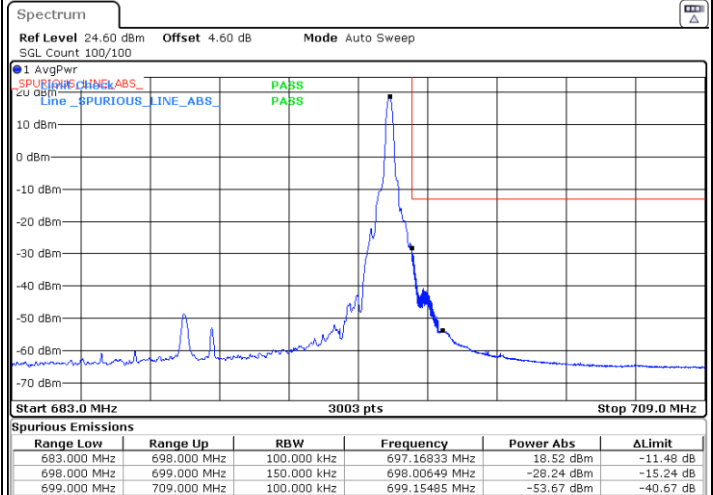


LTE Band 71 / 15MHz / 64QAM

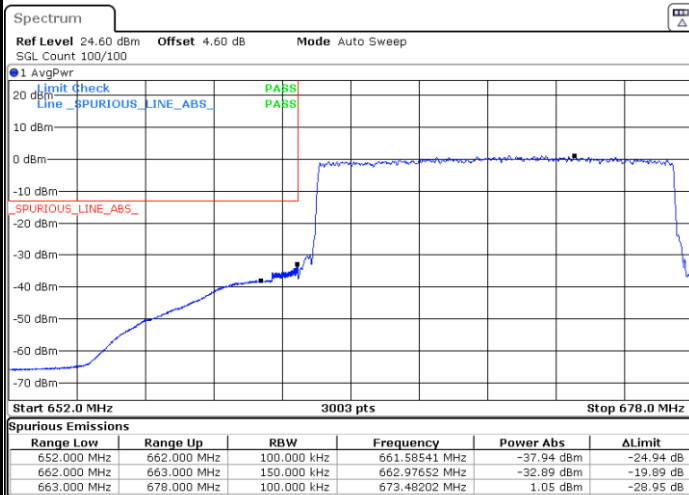
Lowest Band Edge / 1 RB



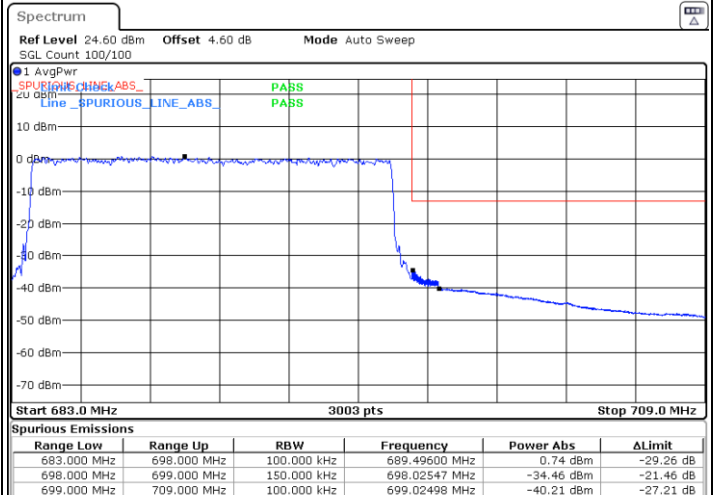
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



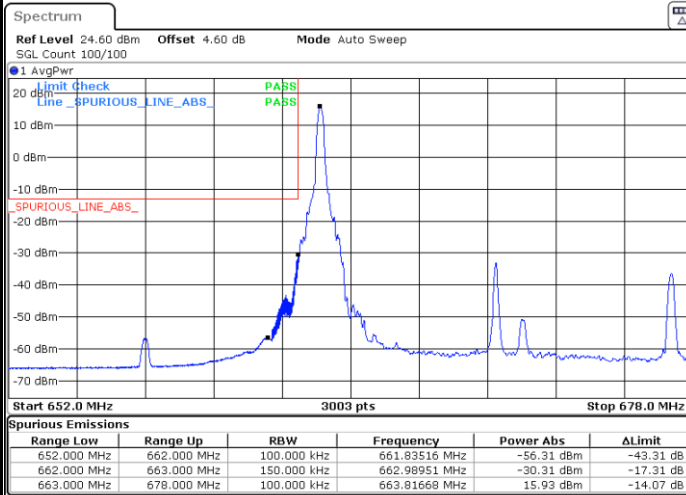
Highest Band Edge / Full RB



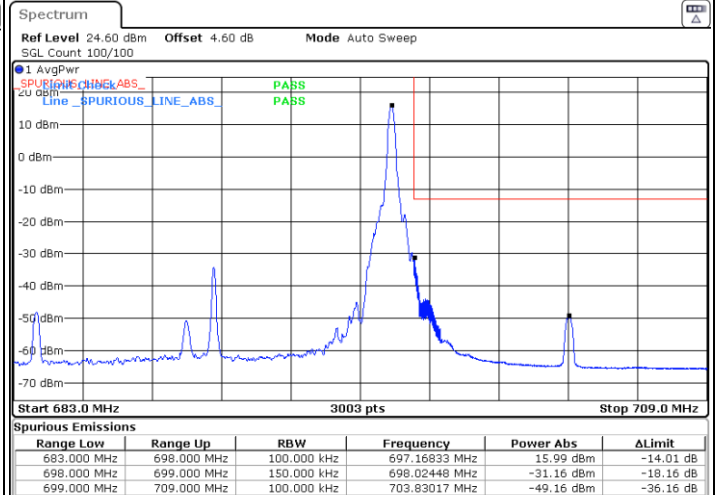


LTE Band 71 / 15MHz / 256QAM

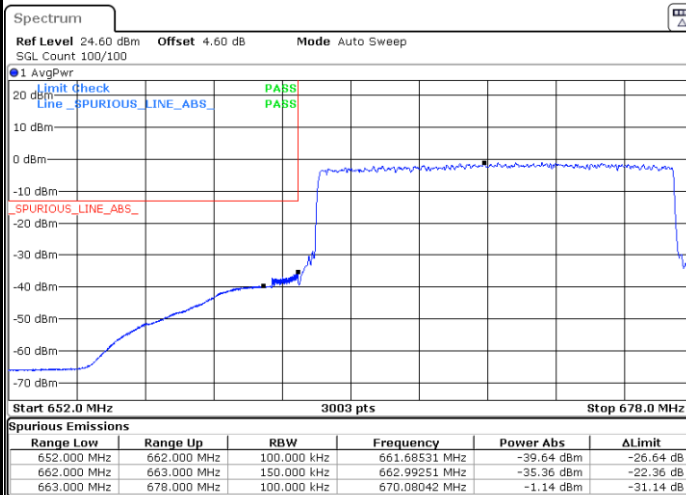
Lowest Band Edge / 1 RB



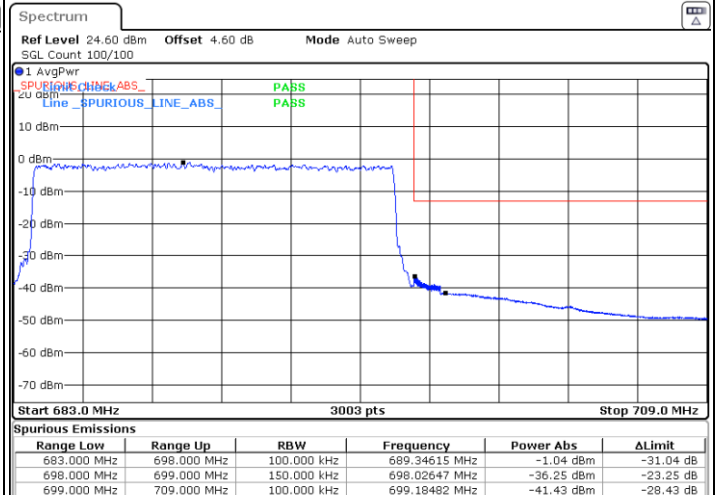
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



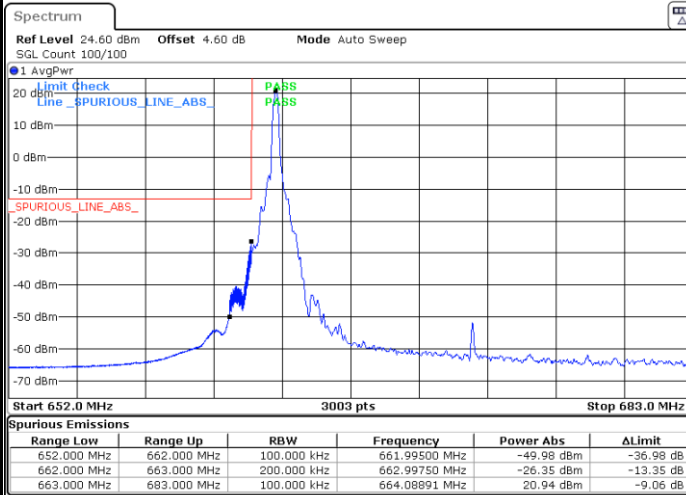
Highest Band Edge / Full RB



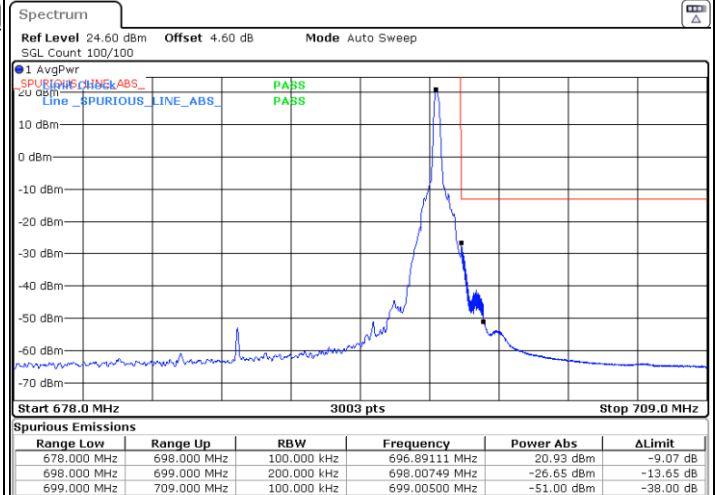


LTE Band 71 / 20MHz / QPSK

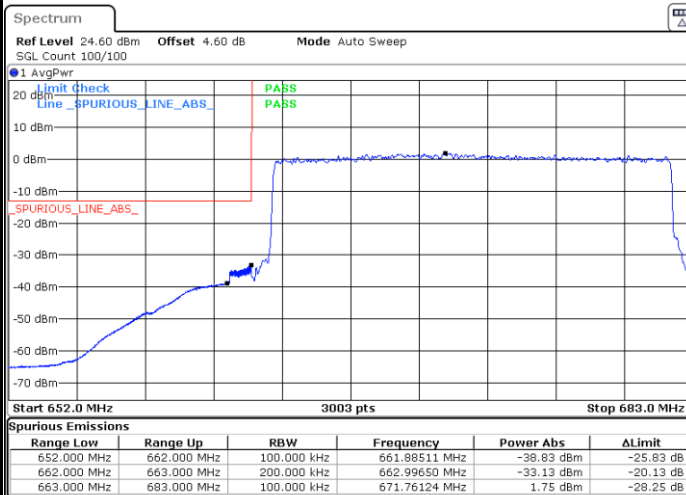
Lowest Band Edge / 1 RB



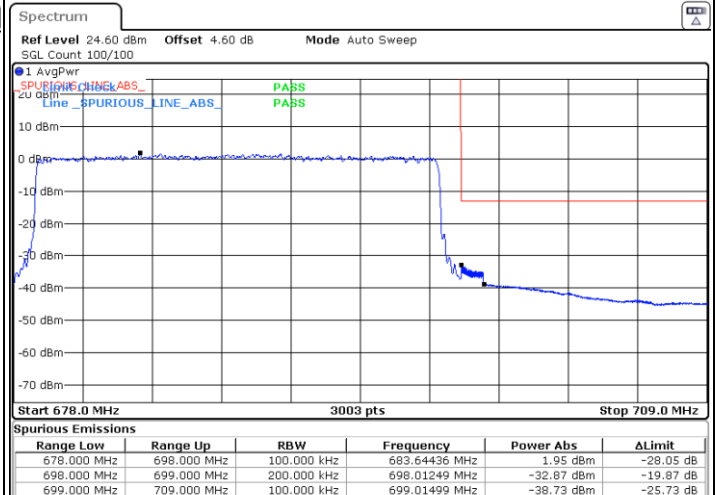
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



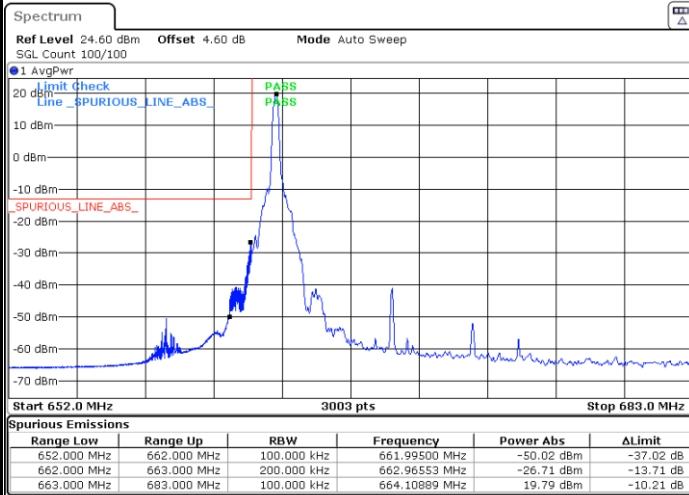
Highest Band Edge / Full RB



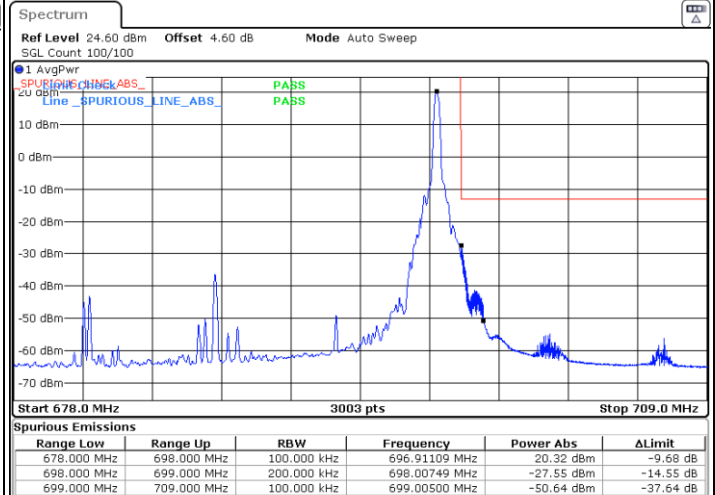


LTE Band 71 / 20MHz / 16QAM

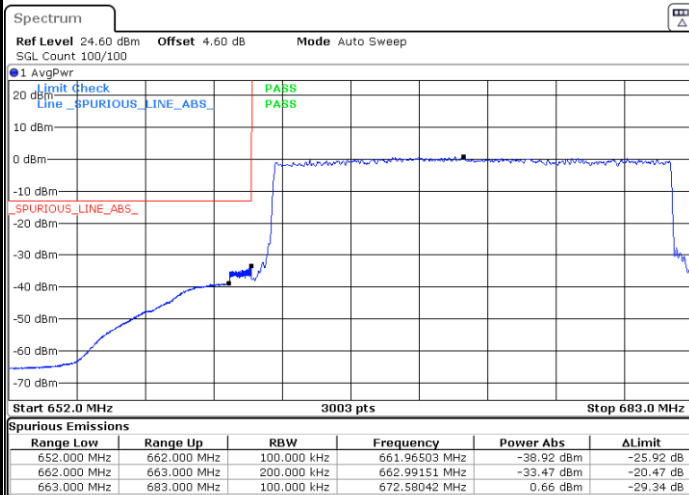
Lowest Band Edge / 1 RB



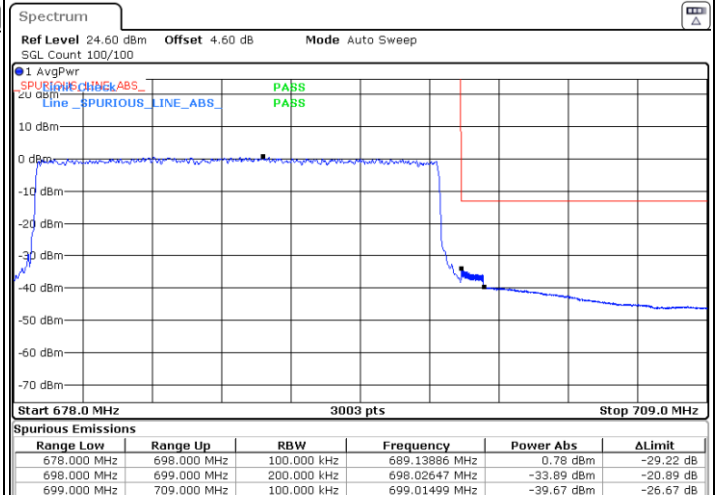
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



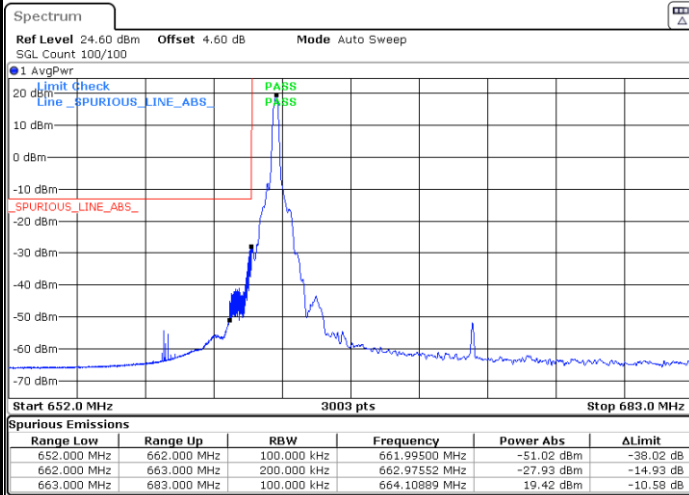
Highest Band Edge / Full RB



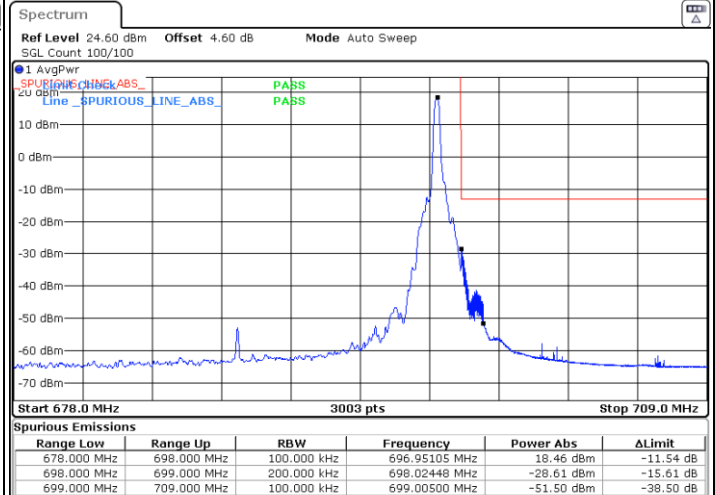


LTE Band 71 / 20MHz / 64QAM

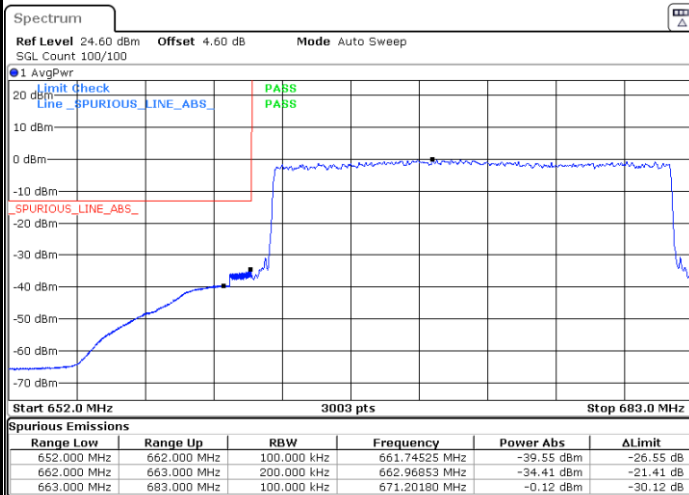
Lowest Band Edge / 1 RB



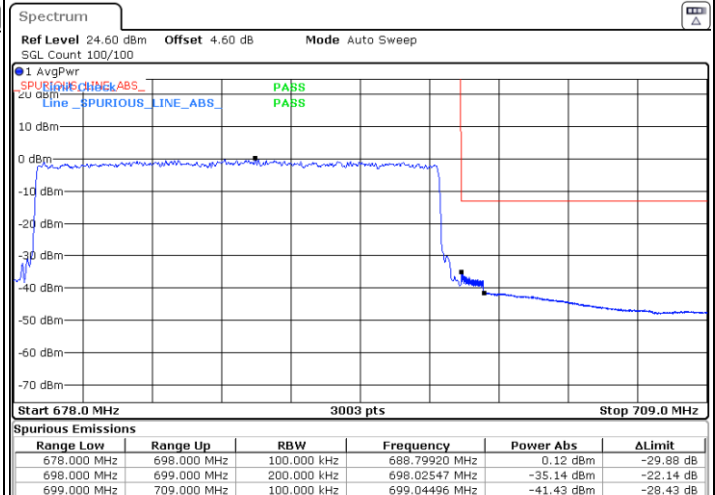
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



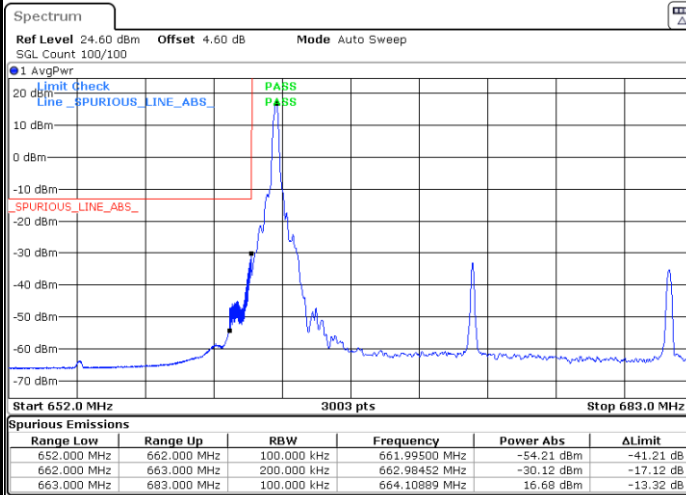
Highest Band Edge / Full RB



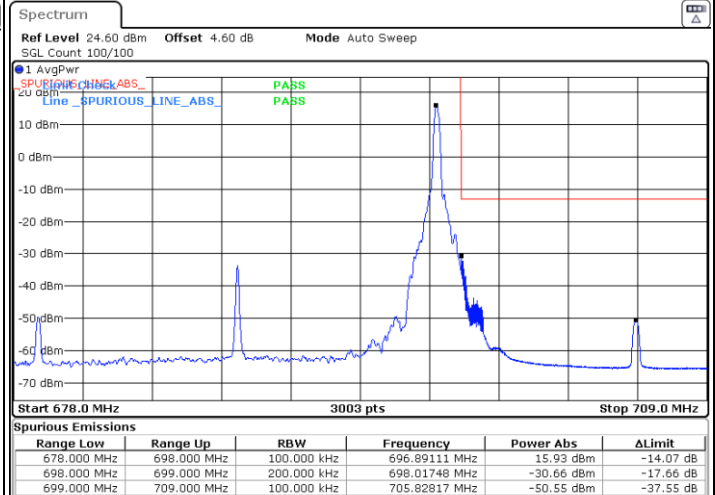


LTE Band 71 / 20MHz / 256QAM

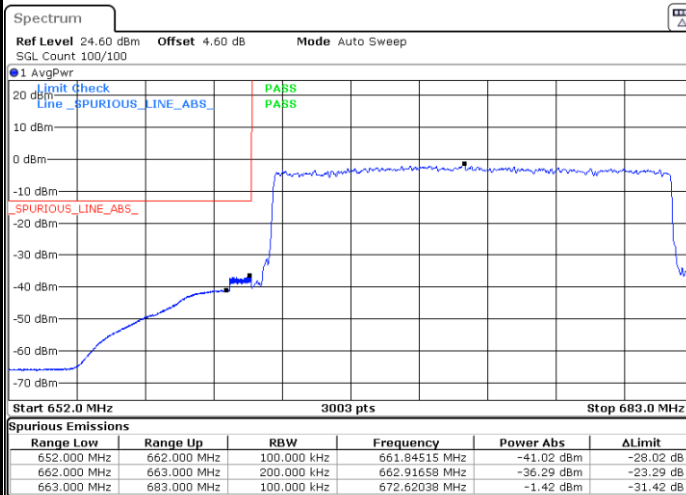
Lowest Band Edge / 1 RB



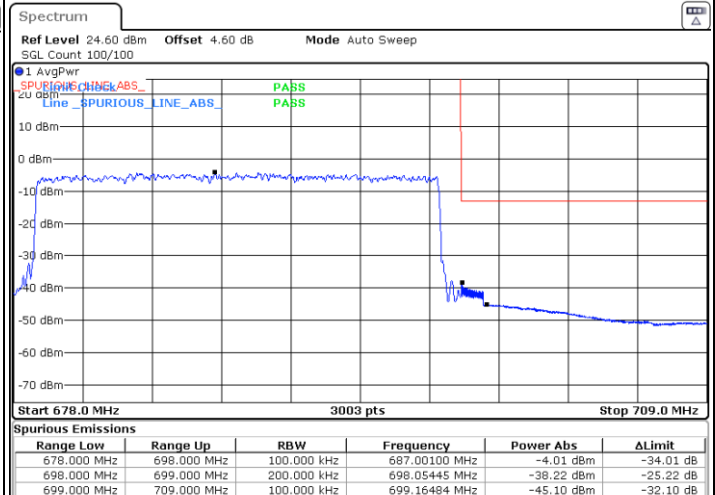
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

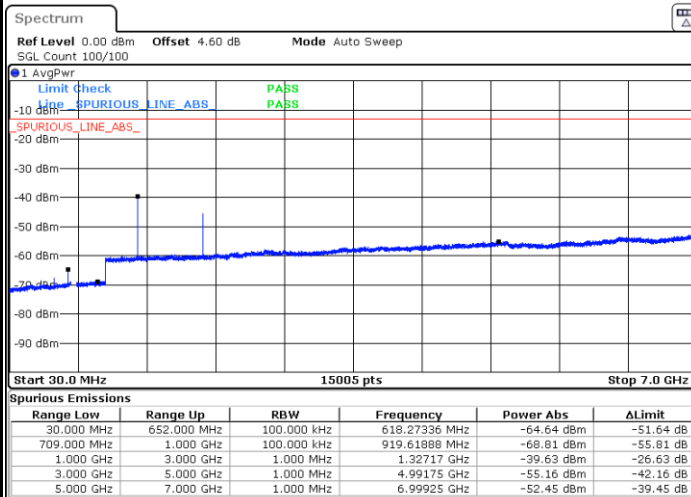




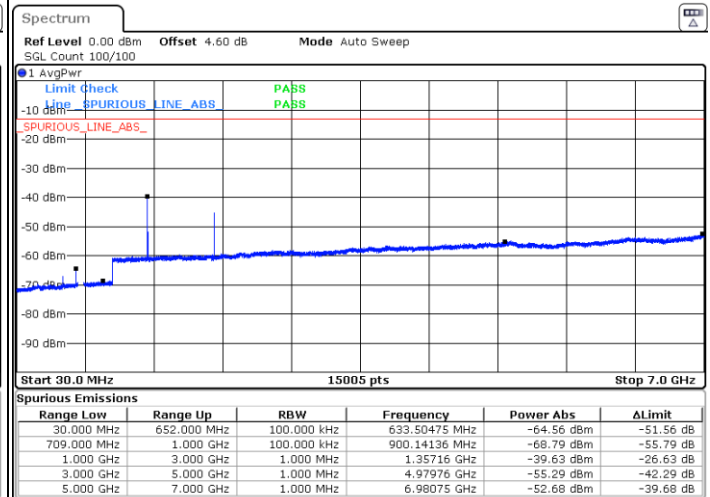
Conducted Spurious Emission

LTE Band 71 / 5MHz

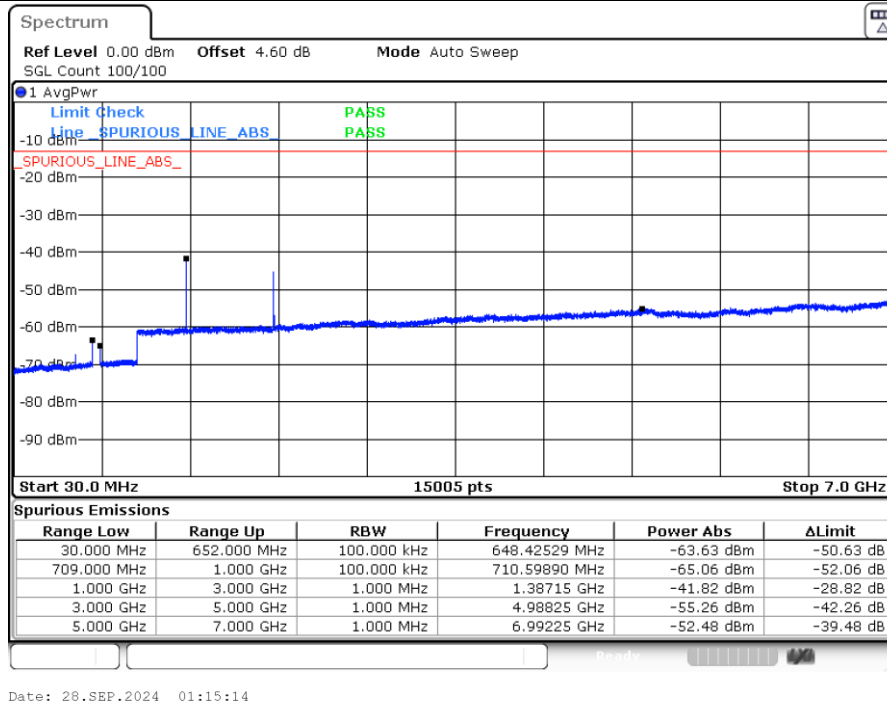
Lowest Channel / QPSK



Middle Channel / QPSK



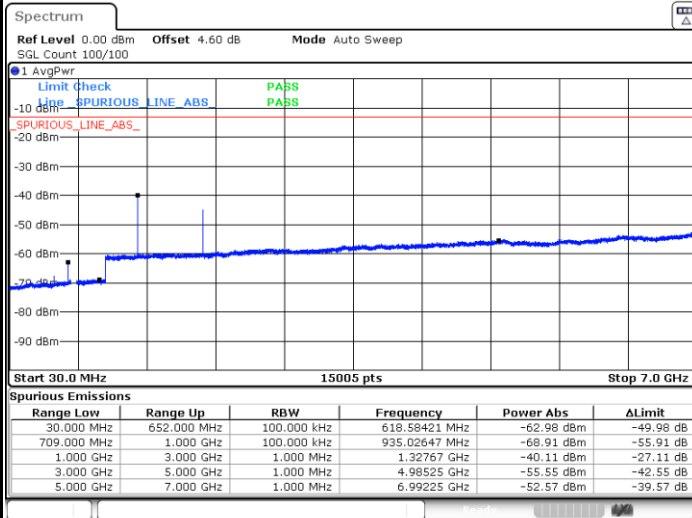
Highest Channel / QPSK





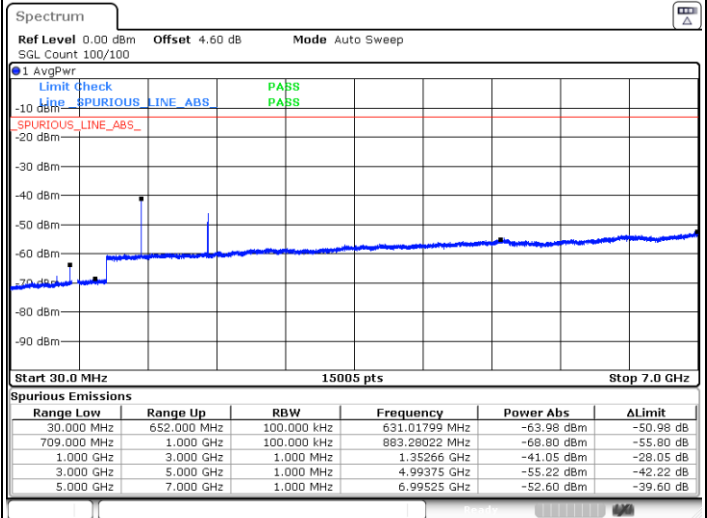
LTE Band 71 / 10MHz

Lowest Channel / QPSK



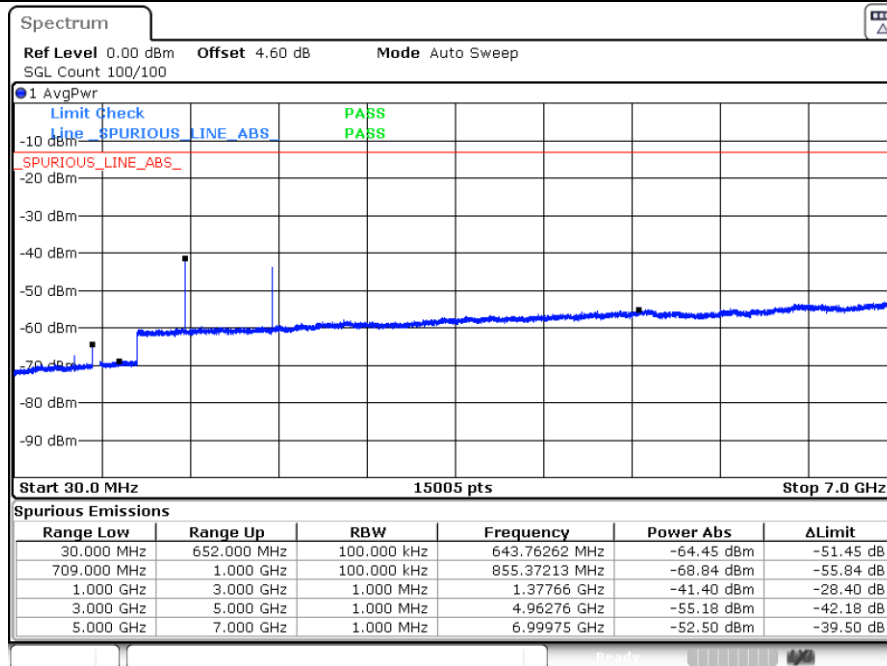
Date: 28.SEP.2024 01:34:52

Middle Channel / QPSK



Date: 28.SEP.2024 01:36:17

Highest Channel / QPSK

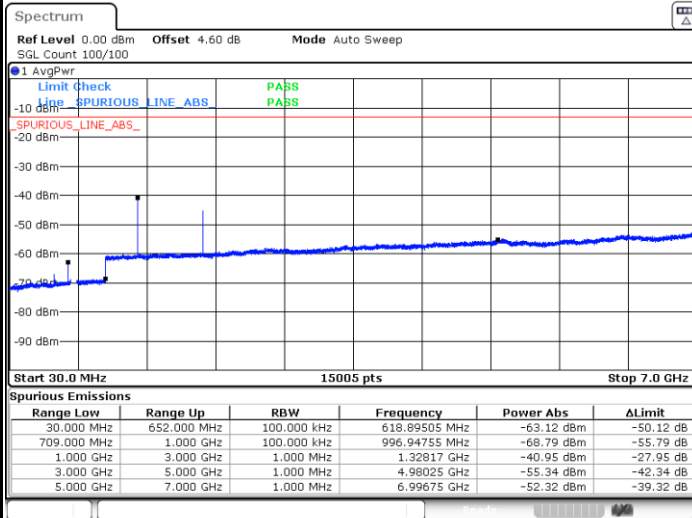


Date: 28.SEP.2024 01:39:07



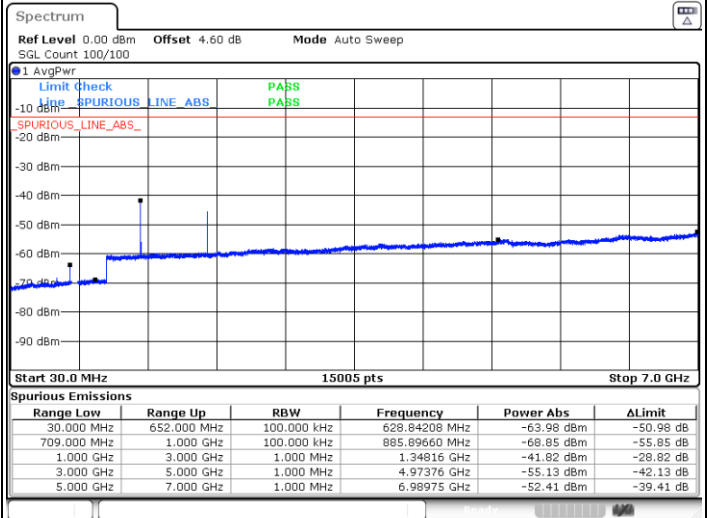
LTE Band 71 / 15MHz

Lowest Channel / QPSK



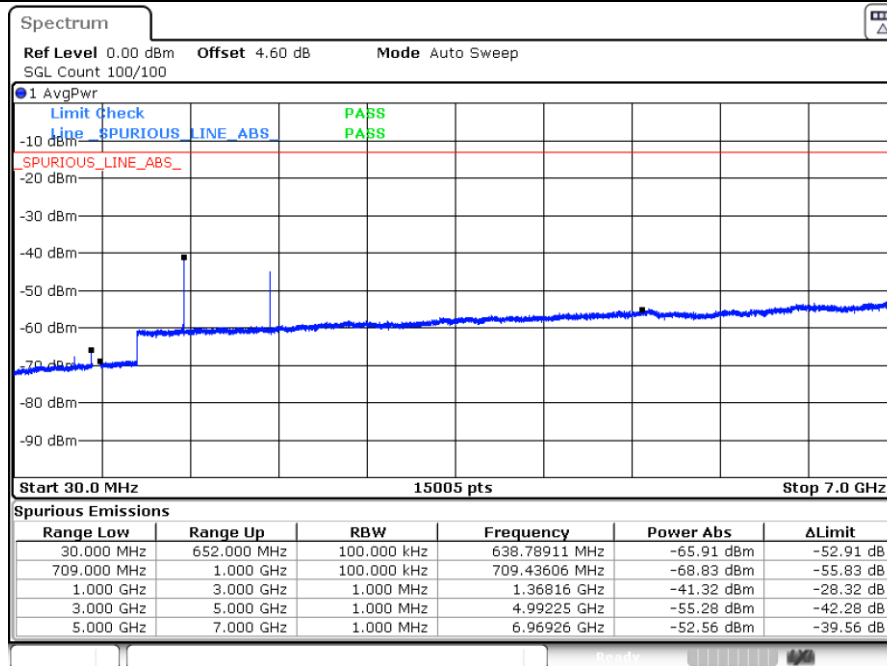
Date: 28.SEP.2024 01:59:00

Middle Channel / QPSK



Date: 28.SEP.2024 02:00:25

Highest Channel / QPSK

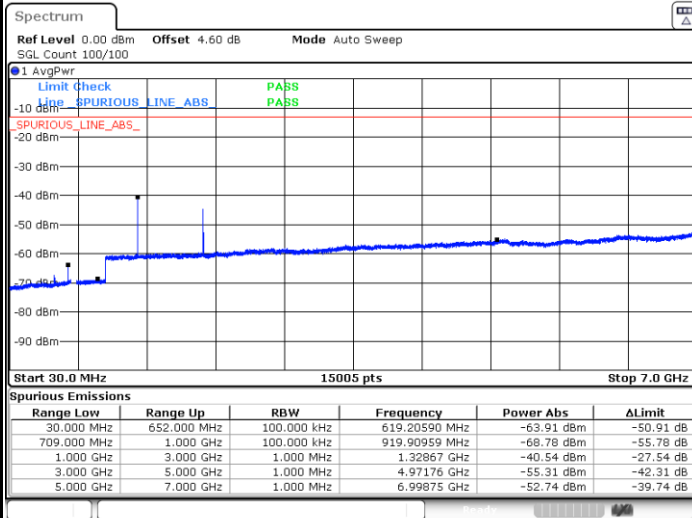


Date: 28.SEP.2024 02:03:16



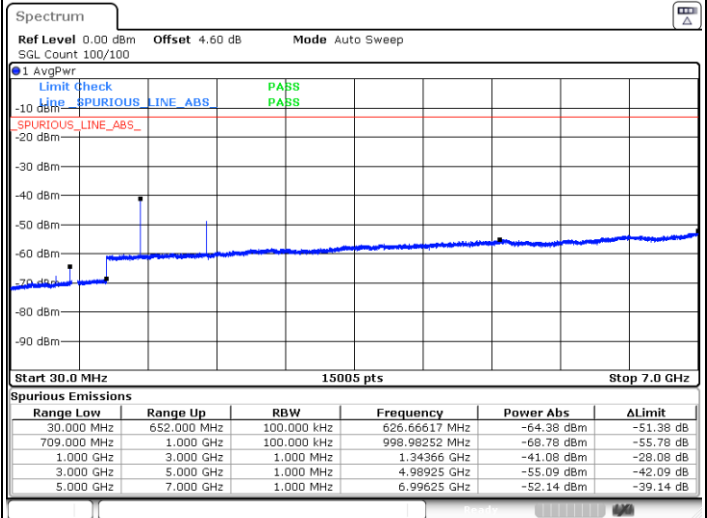
LTE Band 71 / 20MHz

Lowest Channel / QPSK



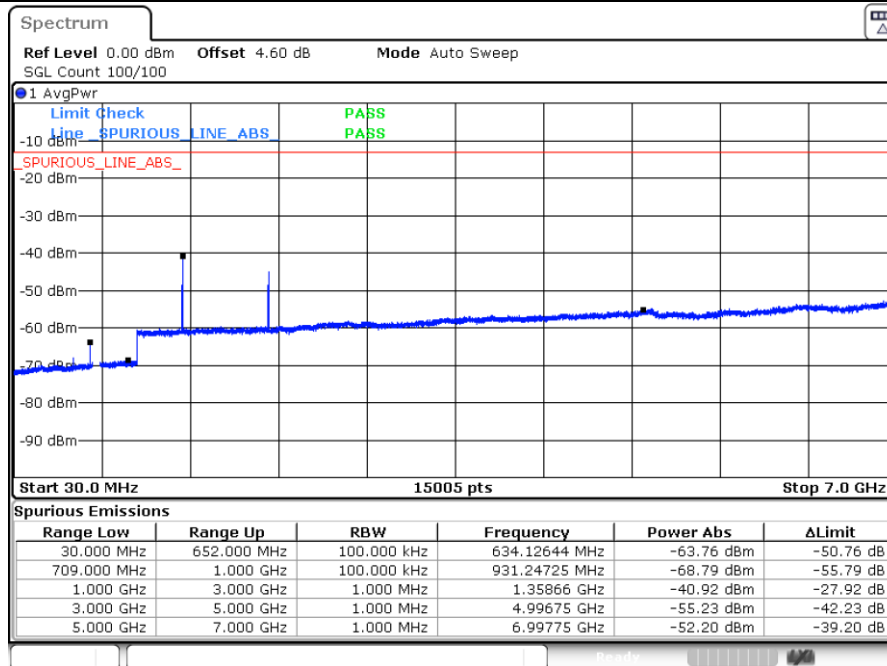
Date: 28.SEP.2024 02:22:30

Middle Channel / QPSK



Date: 28.SEP.2024 02:23:55

Highest Channel / QPSK



Date: 28.SEP.2024 02:26:46

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	0.0022	PASS
40	Normal Voltage	0.0019	
30	Normal Voltage	0.0036	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0016	
0	Normal Voltage	0.0052	
-10	Normal Voltage	0.0048	
-20	Normal Voltage	0.0012	
-30	Normal Voltage	0.0009	
20	Maximum Voltage	0.0045	
20	Normal Voltage	0.0073	
20	Battery End Point	0.0056	

Note:

1. Normal Voltage =3.87V.; Battery End Point (BEP) =3.5 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 :	Carry Xu	Temperature :	23~25℃
		Relative Humidity :	41~42%

LTE Band 12 / 10MHz / QPSK								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1400	-66.96	-13	-53.96	-73.93	1.58	10.70	H
	2098	-51.81	-13	-38.81	-60.06	2.102	12.50	H
	2800	-59.11	-13	-46.11	-68.00	2.856	13.90	H
	1400	-66.38	-13	-53.38	-73.35	1.58	10.70	V
	2098.77	-48.85	-13	-35.85	-57.10	2.10	12.50	V
	2798.36	-58.62	-13	-45.62	-67.51	2.86	13.90	V
Middle	1408	-66.90	-13	-53.90	-73.87	1.58	10.70	H
	2109.27	-49.41	-13	-36.41	-57.66	2.102	12.50	H
	2812.36	-58.08	-13	-45.08	-66.97	2.856	13.90	H
	1408	-67.47	-13	-54.47	-74.44	1.58	10.70	V
	2109.27	-48.41	-13	-35.41	-56.66	2.10	12.50	V
	2812.36	-58.51	-13	-45.51	-67.40	2.86	13.90	V
Highest	1416	-66.97	-13	-53.97	-73.94	1.58	10.70	H
	2119.77	-49.65	-13	-36.65	-57.90	2.102	12.50	H
	2826.36	-58.72	-13	-45.72	-67.61	2.856	13.90	H
	1416	-66.40	-13	-53.40	-73.37	1.58	10.70	V
	2119.17	-48.51	-13	-35.51	-56.76	2.10	12.50	V
	2826.36	-58.67	-13	-45.67	-67.56	2.86	13.90	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)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1552	-66.60	-42.15	-24.45	-69.23	1.09	5.87	H
	2332.77	-58.60	-13	-45.60	-61.00	1.37	5.92	H
	3110.36	-59.85	-13	-46.85	-63.74	1.64	7.68	H
	1552	-65.06	-42.15	-22.91	-67.69	1.09	5.87	V
	2332.02	-57.36	-13	-44.36	-59.76	1.37	5.92	V
	3109.36	-59.51	-13	-46.51	-63.40	1.64	7.68	V
Middle	1552	-66.60	-42.15	-24.45	-69.23	1.09	5.87	H
	2332.77	-58.60	-13	-45.60	-61.00	1.37	5.92	H
	3110.36	-59.85	-13	-46.85	-63.74	1.64	7.68	H
	1552	-65.93	-42.15	-23.78	-68.56	1.09	5.87	V
	2332.77	-56.55	-13	-43.55	-58.95	1.37	5.92	V
	3110.36	-59.63	-13	-46.63	-63.52	1.64	7.68	V
Highest	1568	-65.85	-42.15	-23.70	-68.48	1.09	5.87	H
	2347.02	-55.91	-13	-42.91	-58.31	1.37	5.92	H
	3129.36	-59.90	-13	-46.90	-63.79	1.64	7.68	H
	1568	-66.45	-42.15	-24.30	-69.08	1.09	5.87	V
	2347.02	-57.47	-13	-44.47	-59.87	1.37	5.92	V
	3129.36	-59.96	-13	-46.96	-63.85	1.64	7.68	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)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1552	-65.56	-13	-52.56	-68.19	1.09	5.87	H
	2332.77	-56.11	-13	-43.11	-58.51	1.37	5.92	H
	3110.36	-59.29	-13	-46.29	-63.18	1.64	7.68	H
	1552	-66.19	-13	-53.19	-68.82	1.09	5.87	V
	2332.77	-57.65	-13	-44.65	-60.05	1.37	5.92	V
	3110.36	-59.47	-13	-46.47	-63.36	1.64	7.68	V

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



LTE Band 17 / 10MHz / QPSK								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1408	-67.61	-13	-54.61	-74.58	1.58	10.70	H
	2113.77	-61.55	-13	-48.55	-69.80	2.102	12.50	H
	2818.36	-58.71	-13	-45.71	-67.60	2.856	13.90	H
	1408	-67.04	-13	-54.04	-74.01	1.58	10.70	V
	2113.77	-60.55	-13	-47.55	-68.80	2.10	12.50	V
	2818.36	-58.65	-13	-45.65	-67.54	2.86	13.90	V
Middle	1408	-67.40	-13	-54.40	-74.37	1.58	10.70	H
	2116.77	-62.13	-13	-49.13	-70.38	2.102	12.50	H
	2822.36	-58.74	-13	-45.74	-67.63	2.856	13.90	H
	1408	-66.59	-13	-53.59	-73.56	1.58	10.70	V
	2116.77	-61.11	-13	-48.11	-69.36	2.10	12.50	V
	2822.36	-58.32	-13	-45.32	-67.21	2.86	13.90	V
Highest	1416	-67.81	-13	-54.81	-74.78	1.58	10.70	H
	2119.77	-62.75	-13	-49.75	-71.00	2.102	12.50	H
	2826.36	-59.54	-13	-46.54	-68.43	2.856	13.90	H
	1416	-67.25	-13	-54.25	-74.22	1.58	10.70	V
	2119.17	-61.67	-13	-48.67	-69.92	2.10	12.50	V
	2826.36	-58.99	-13	-45.99	-67.88	2.86	13.90	V

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

LTE Band 26 / 15MHz / QPSK								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1648	-58.57	-13	-45.57	-65.54	1.58	10.70	H
	2474.52	-53.93	-13	-40.93	-62.18	2.102	12.50	H
	3299.36	-59.46	-13	-46.46	-68.35	2.856	13.90	H
	1649.68	-58.11	-13	-45.11	-65.08	1.58	10.70	V
	2474.52	-52.07	-13	-39.07	-60.32	2.10	12.50	V
	3299.36	-59.44	-13	-46.44	-68.33	2.86	13.90	V
Middle	1656	-61.99	-13	-48.99	-68.96	1.58	10.70	H
	2489.52	-52.38	-13	-39.38	-60.63	2.102	12.50	H
	3319.36	-59.95	-13	-46.95	-68.84	2.856	13.90	H
	1656	-57.38	-13	-44.38	-64.35	1.58	10.70	V
	2489.52	-50.48	-13	-37.48	-58.73	2.10	12.50	V
	3319.36	-59.90	-13	-46.90	-68.79	2.86	13.90	V
Highest	1672	-58.17	-13	-45.17	-65.14	1.58	10.70	H
	2504.52	-50.53	-13	-37.53	-58.78	2.102	12.50	H
	3339.36	-60.11	-13	-47.11	-69.00	2.856	13.90	H
	1672	-57.63	-13	-44.63	-64.60	1.58	10.70	V
	2504.52	-49.46	-13	-36.46	-57.71	2.10	12.50	V
	3339.36	-60.16	-13	-47.16	-69.05	2.86	13.90	V

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



LTE Band 71 / 20MHz / QPSK								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1328	-67.74	-13	-54.74	-69.49	1.02	4.92	H
	1992.27	-61.76	-13	-48.76	-63.73	1.27	5.39	H
	2656.36	-60.86	-13	-47.86	-63.79	1.49	6.57	H
	1328	-67.06	-13	-54.06	-68.81	1.02	4.92	V
	1992.27	-61.01	-13	-48.01	-62.98	1.27	5.39	V
	2656.36	-60.31	-13	-47.31	-63.24	1.49	6.57	V
Middle	1352	-67.24	-13	-54.24	-68.99	1.02	4.92	H
	2022.27	-62.21	-13	-49.21	-64.18	1.27	5.39	H
	2696.36	-59.78	-13	-46.78	-62.71	1.49	6.57	H
	1352	-66.61	-13	-53.61	-68.36	1.02	4.92	V
	2022.27	-60.78	-13	-47.78	-62.75	1.27	5.39	V
	2696.36	-59.27	-13	-46.27	-62.20	1.49	6.57	V
Highest	1360	-67.74	-13	-54.74	-69.49	1.02	4.92	H
	2037.27	-62.00	-13	-49.00	-63.97	1.27	5.39	H
	2716.36	-60.09	-13	-47.09	-63.02	1.49	6.57	H
	1358.18	-67.10	-13	-54.10	-68.85	1.02	4.92	V
	2040	-62.01	-13	-49.01	-63.98	1.27	5.39	V
	2716.36	-58.88	-13	-45.88	-61.81	1.49	6.57	V

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