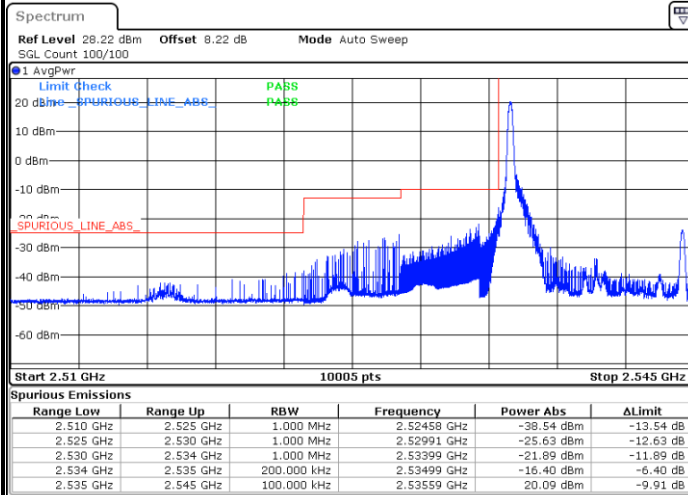


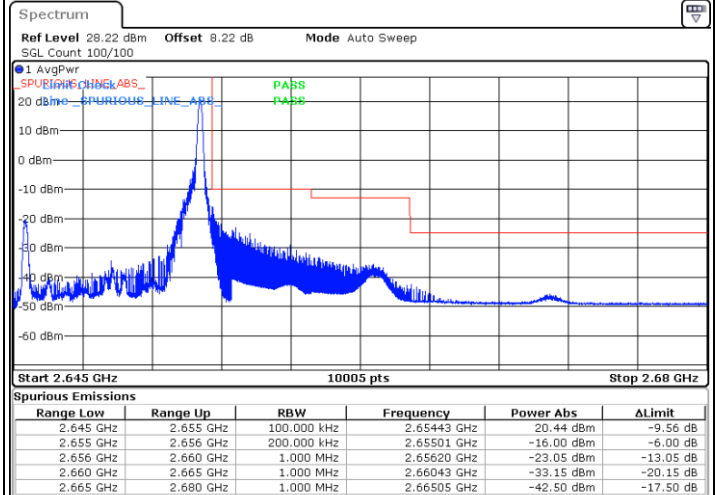


LTE Band 41 / 10MHz / QPSK

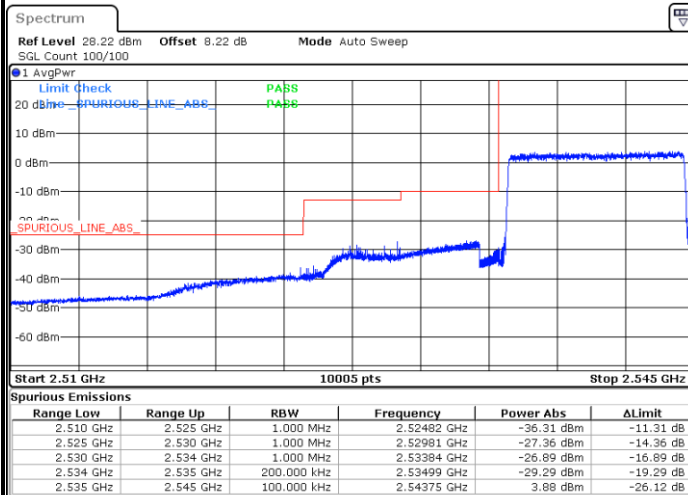
Lowest Band Edge / 1 RB



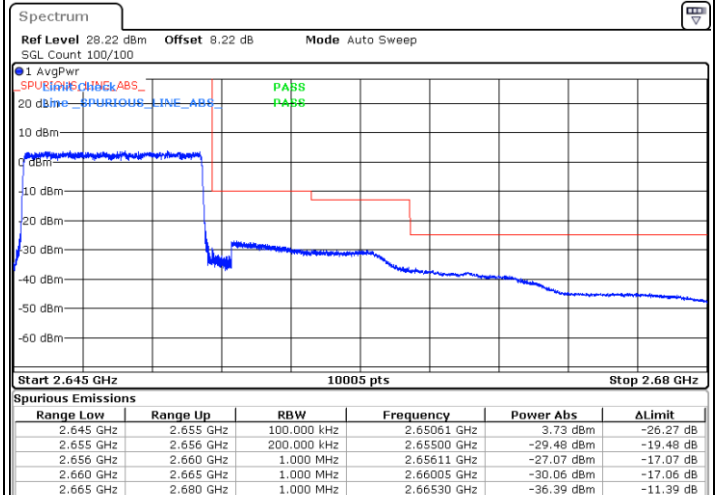
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



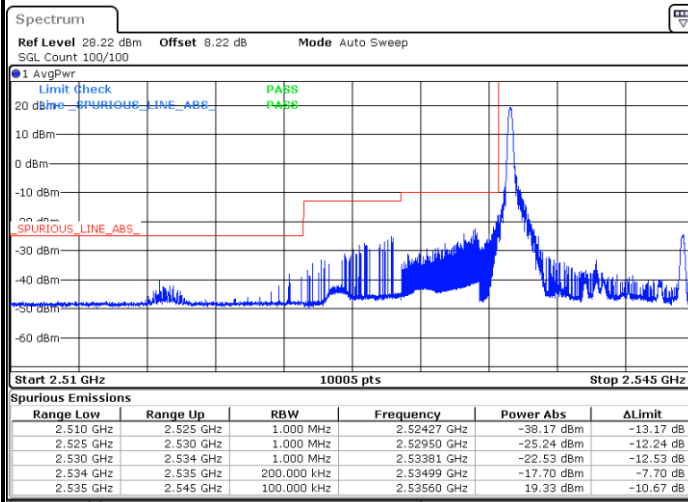
Highest Band Edge / Full RB



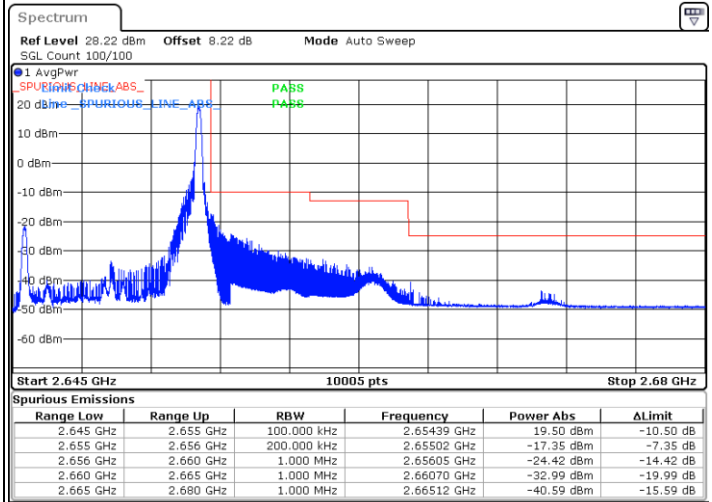


LTE Band 41 / 10MHz / 16QAM

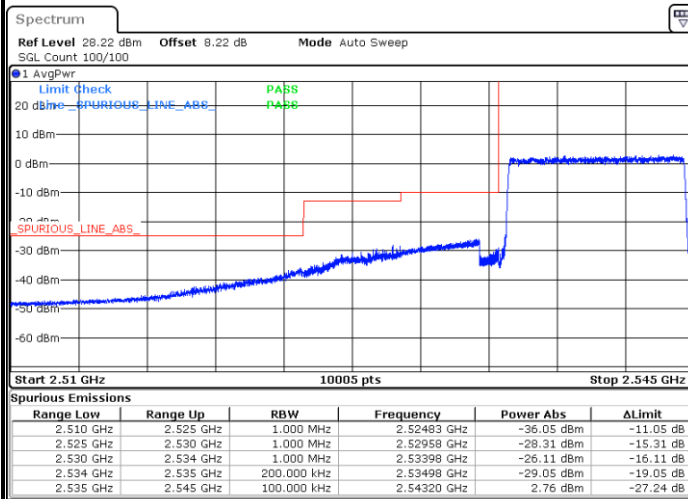
Lowest Band Edge / 1 RB



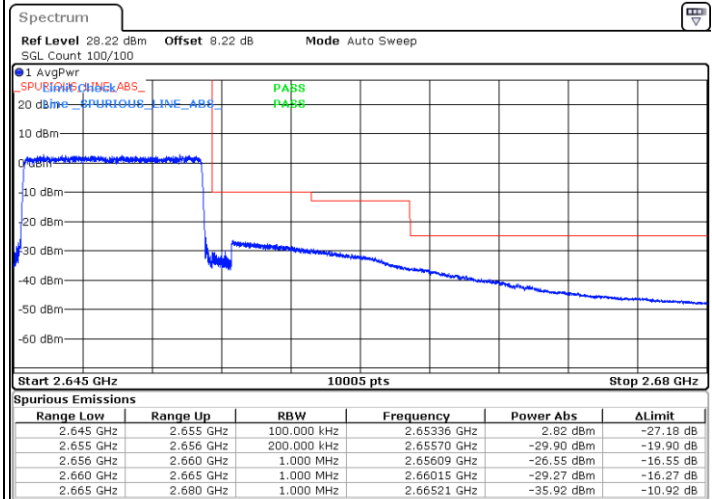
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



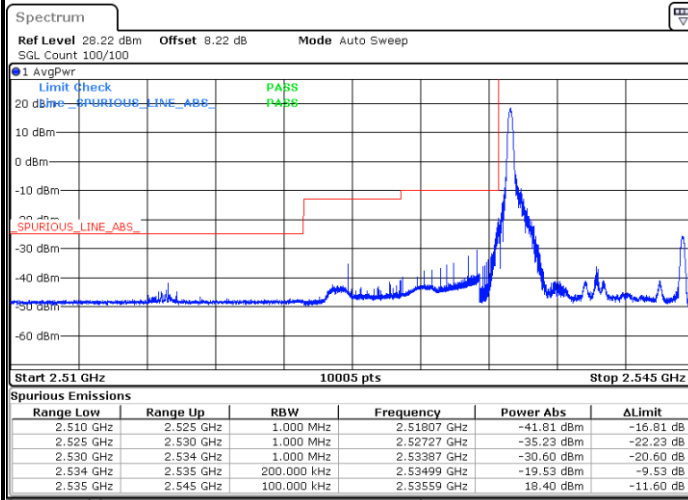
Highest Band Edge / Full RB



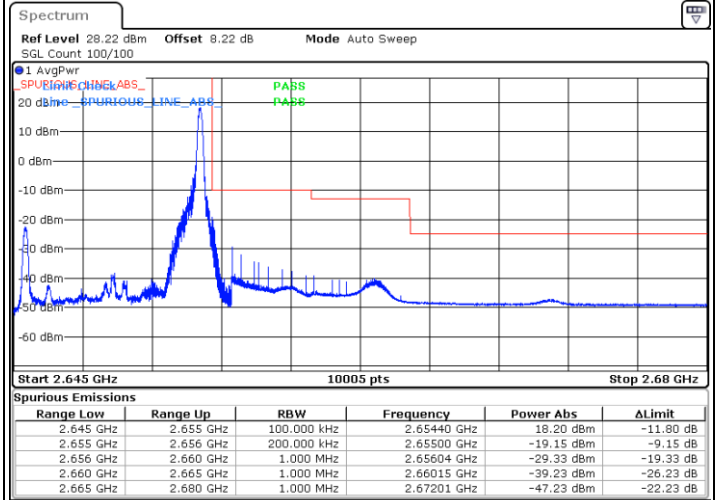


LTE Band 41 / 10MHz / 64QAM

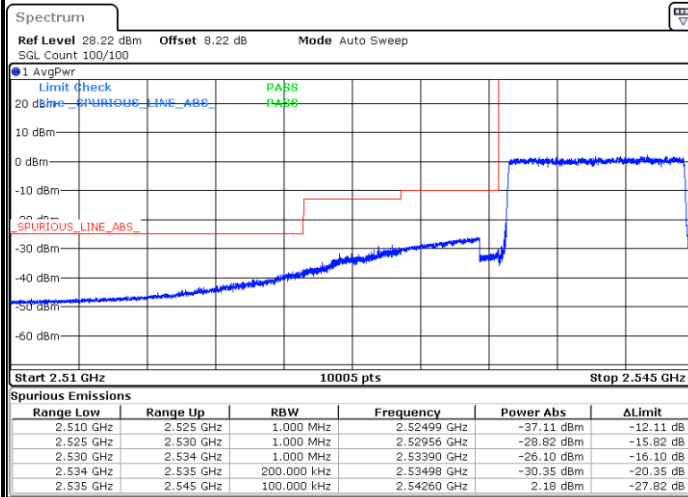
Lowest Band Edge / 1 RB



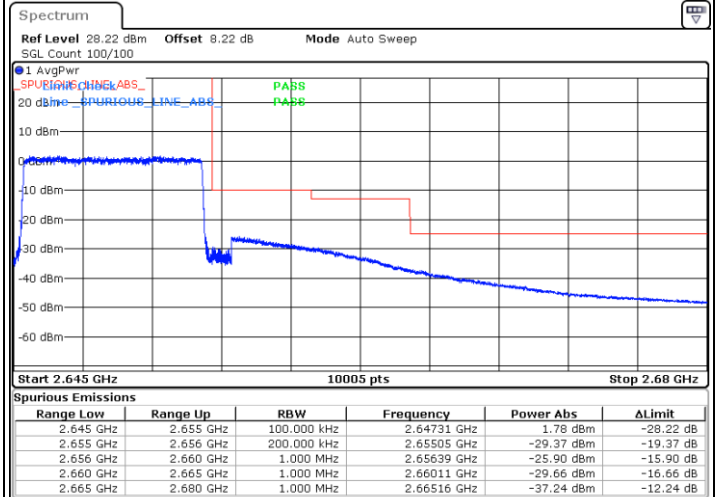
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



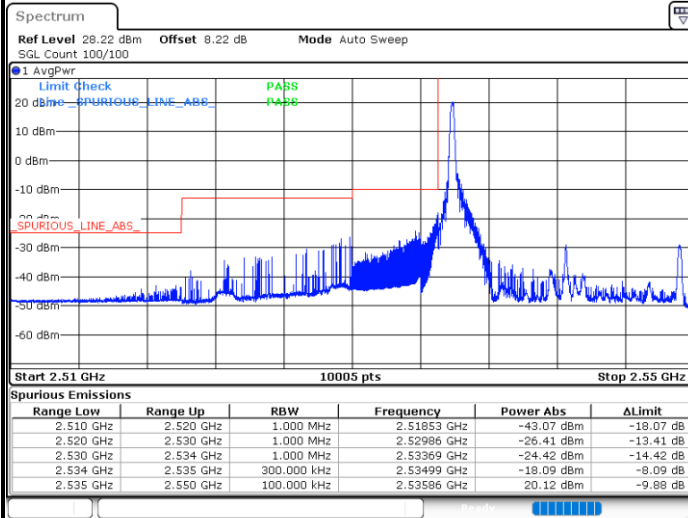
Highest Band Edge / Full RB



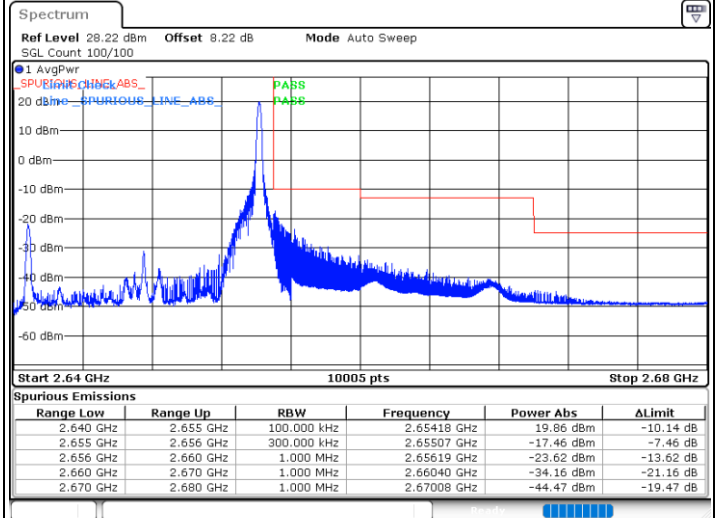


LTE Band 41 / 15MHz / QPSK

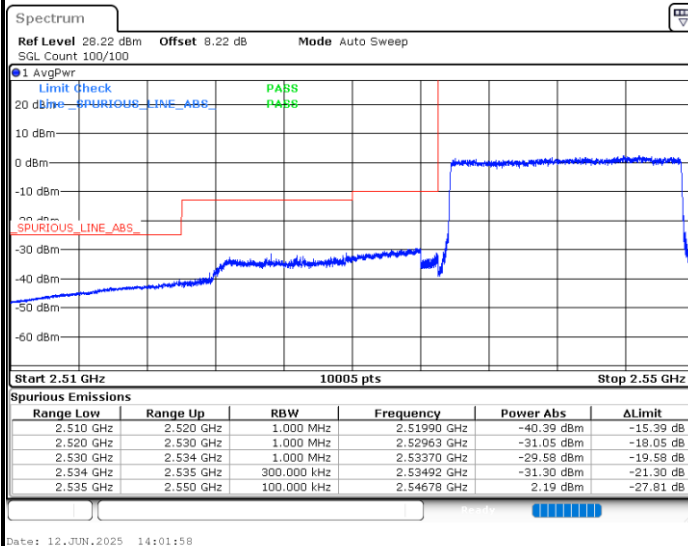
Lowest Band Edge / 1 RB



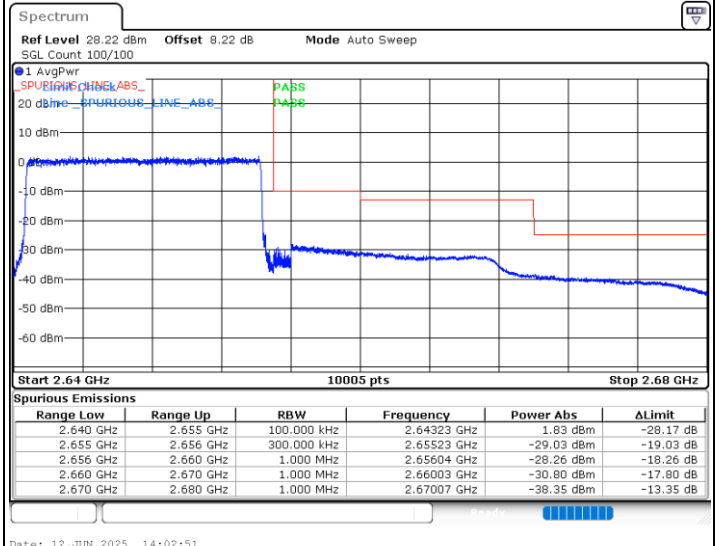
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



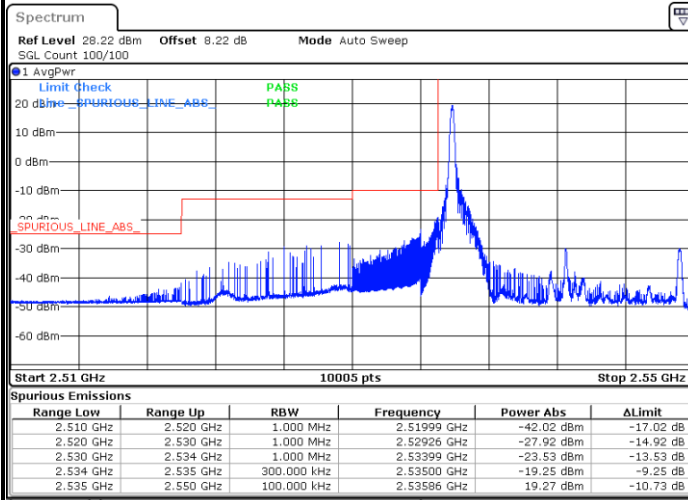
Highest Band Edge / Full RB



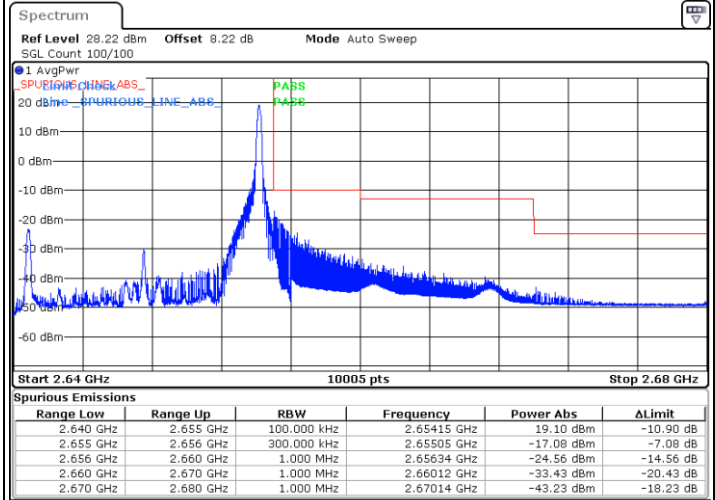


LTE Band 41 / 15MHz / 16QAM

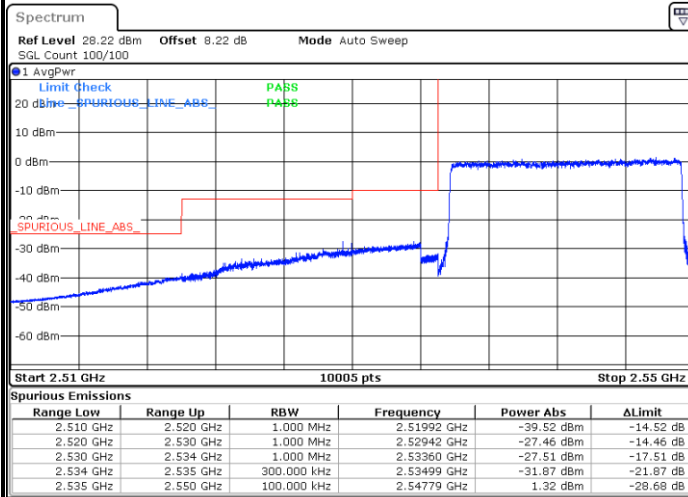
Lowest Band Edge / 1 RB



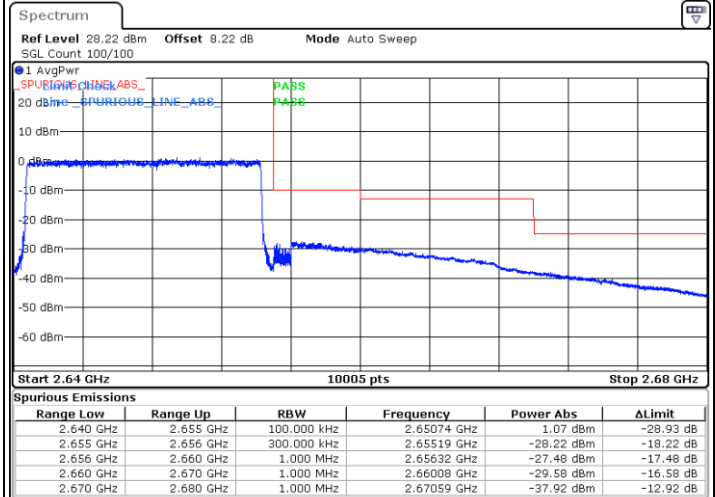
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



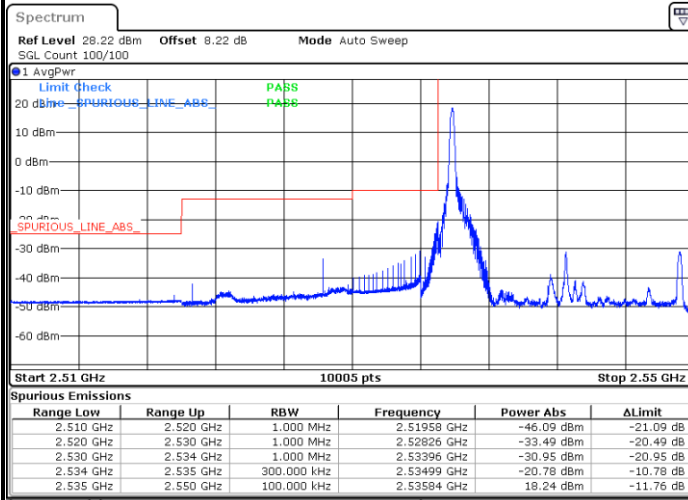
Highest Band Edge / Full RB



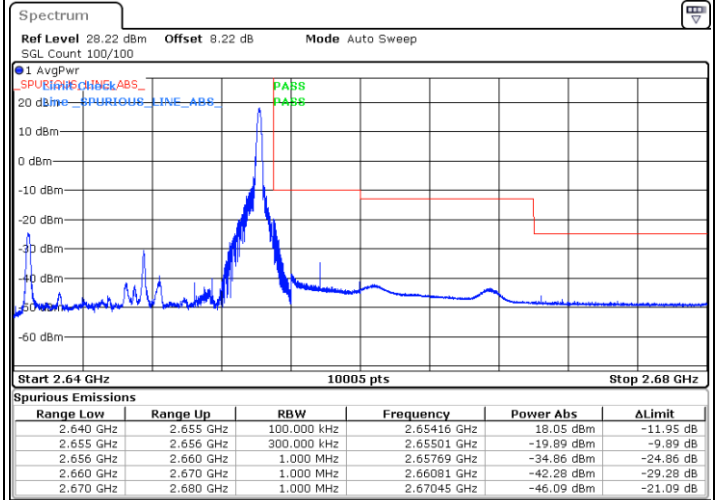


LTE Band 41 / 15MHz / 64QAM

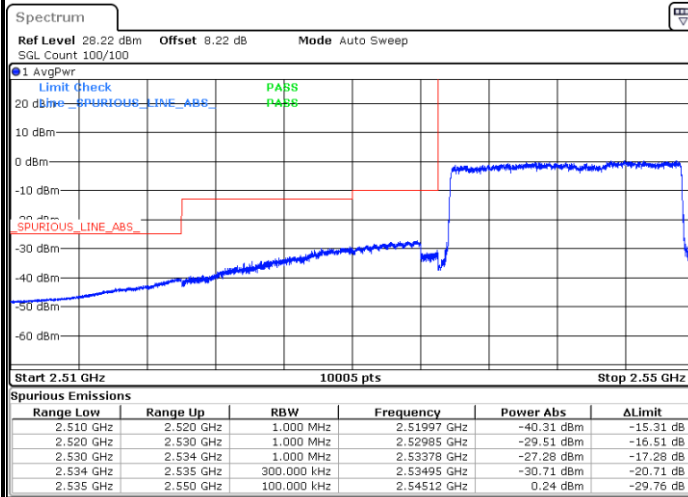
Lowest Band Edge / 1 RB



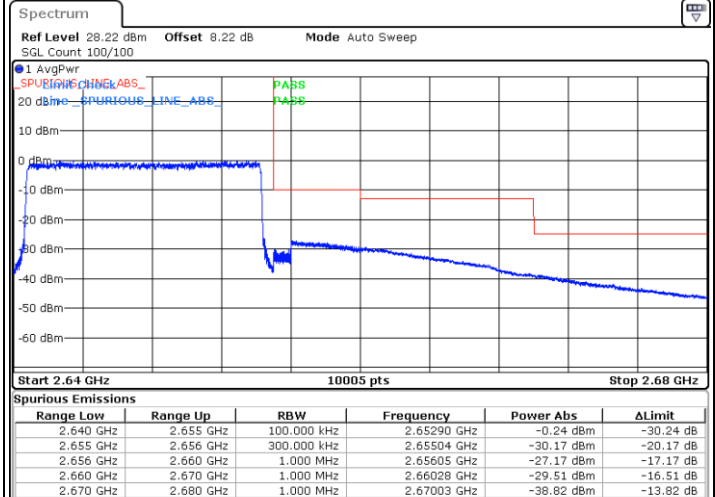
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



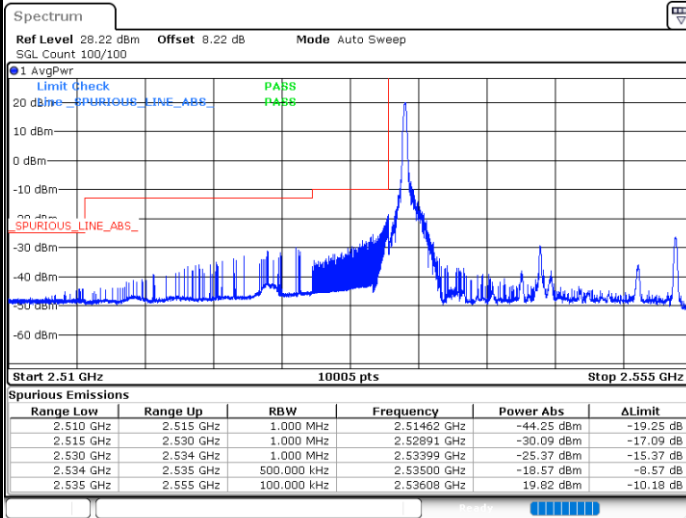
Highest Band Edge / Full RB



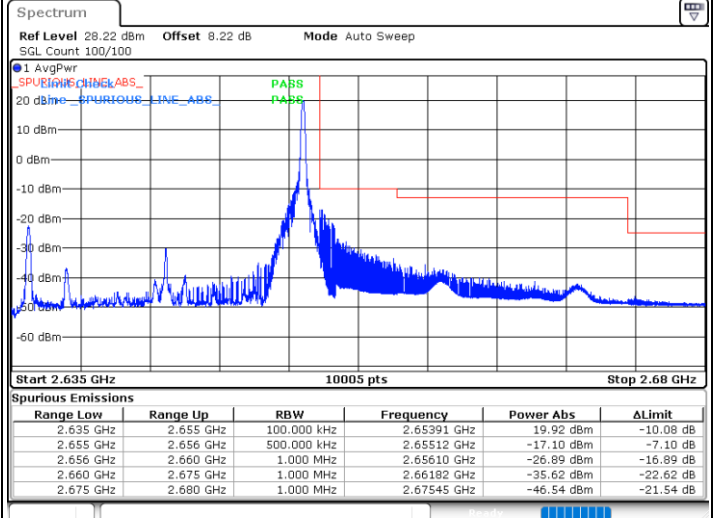


LTE Band 41 / 20MHz / QPSK

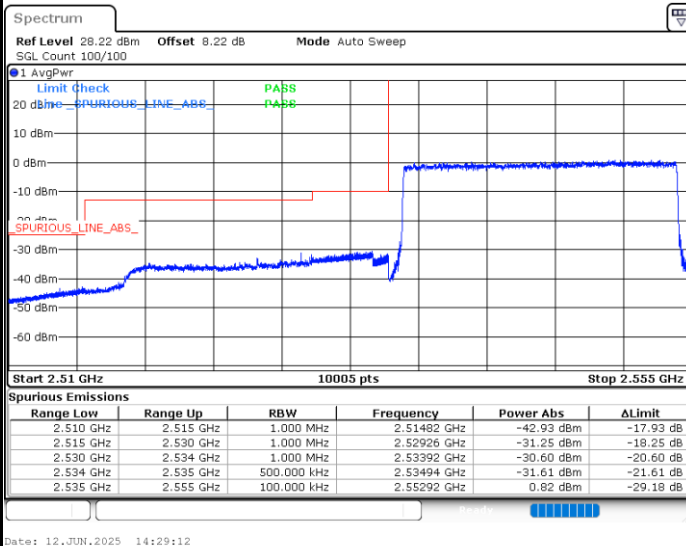
Lowest Band Edge / 1 RB



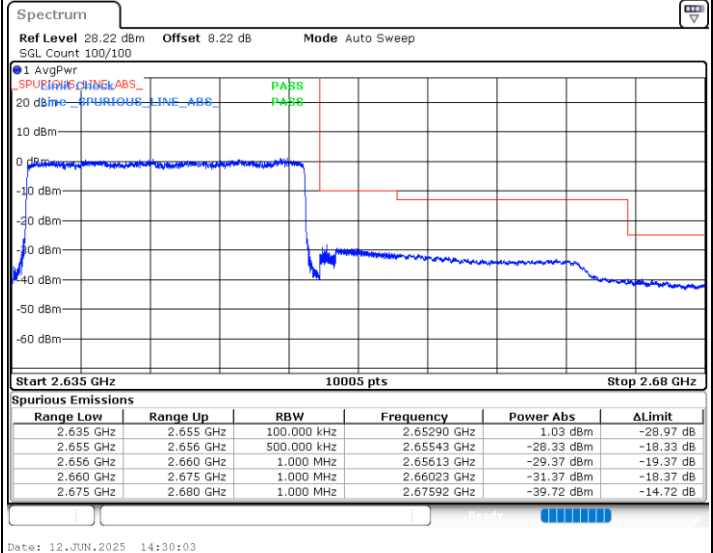
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



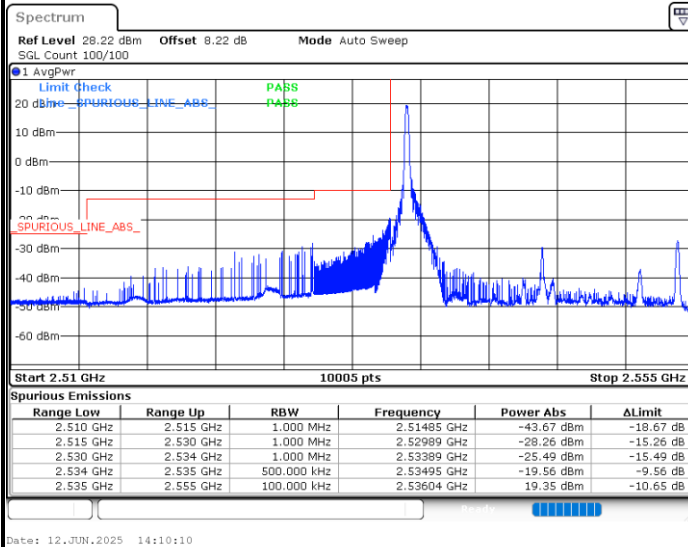
Highest Band Edge / Full RB



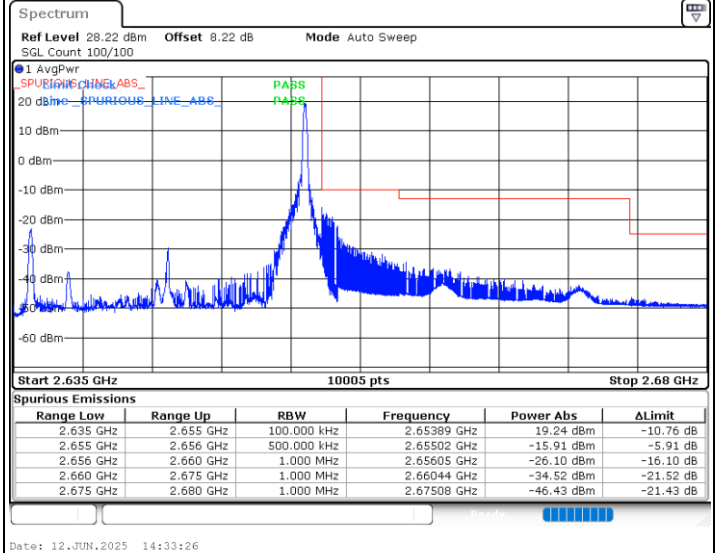


LTE Band 41 / 20MHz / 16QAM

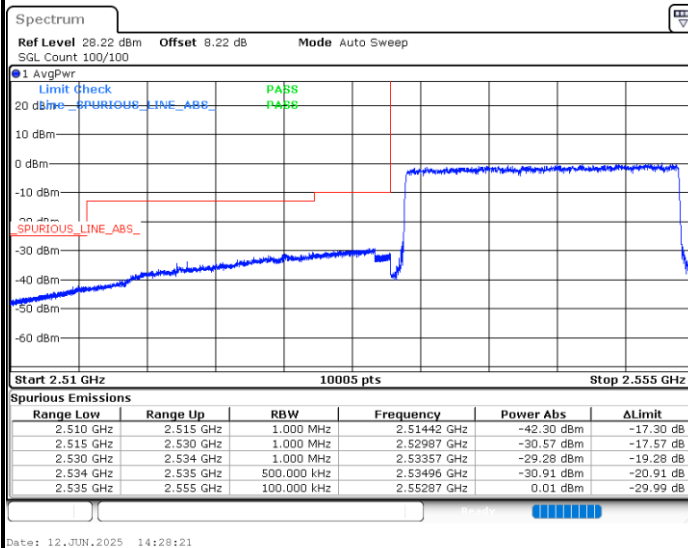
Lowest Band Edge / 1 RB



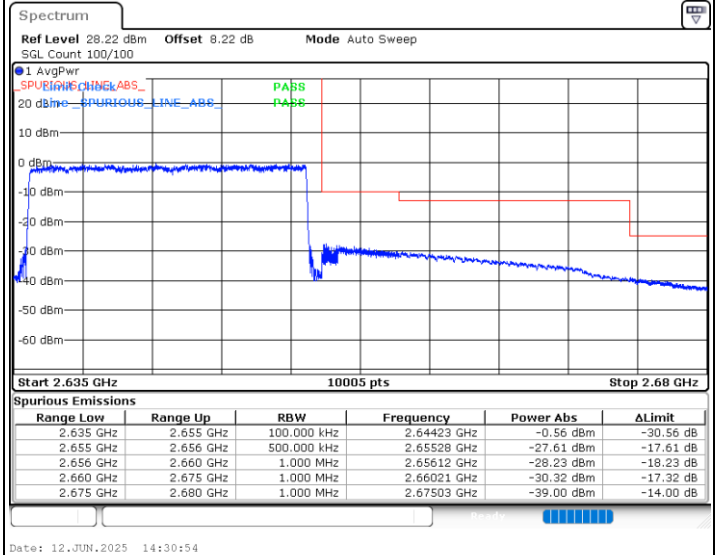
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



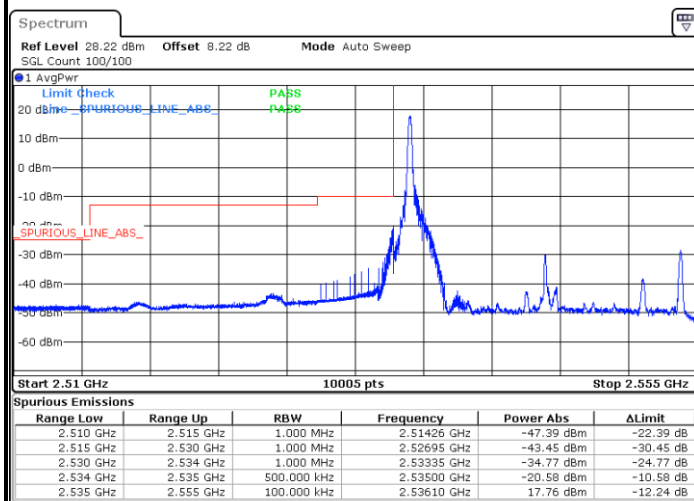
Highest Band Edge / Full RB



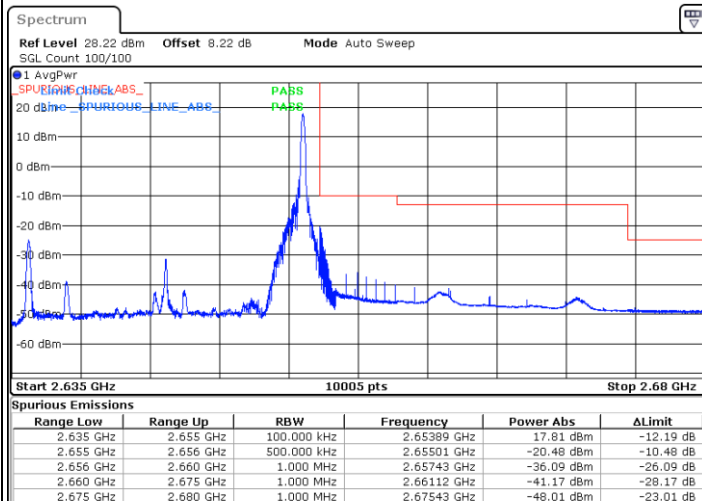


LTE Band 41 / 20MHz / 64QAM

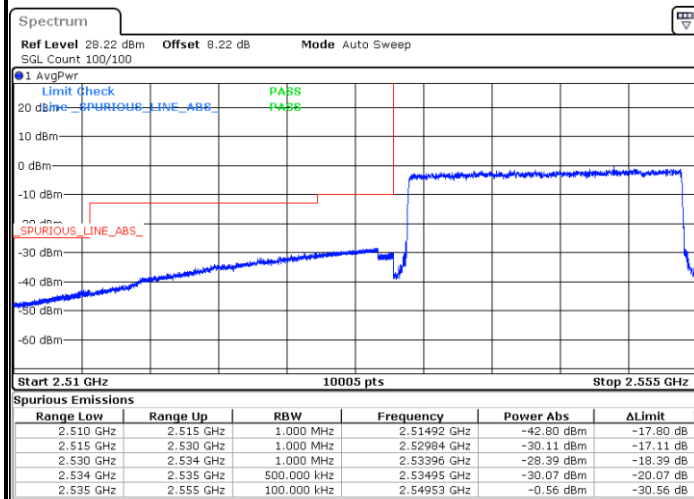
Lowest Band Edge / 1 RB



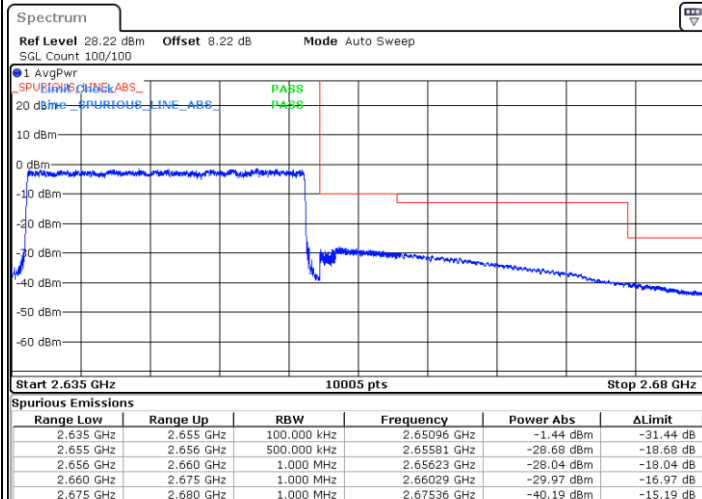
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

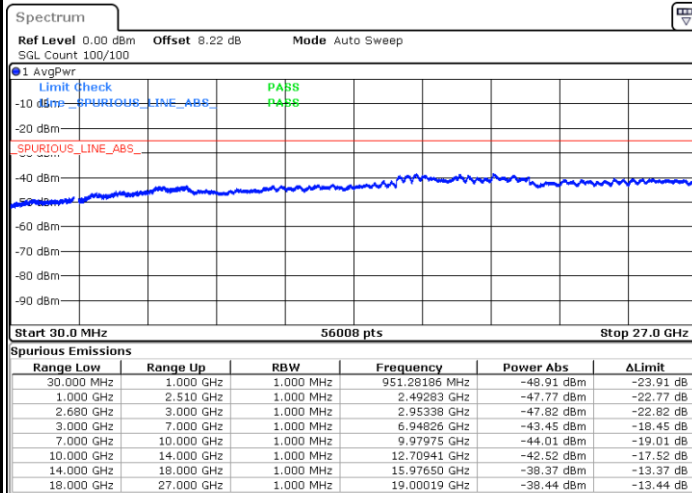




Conducted Spurious Emission

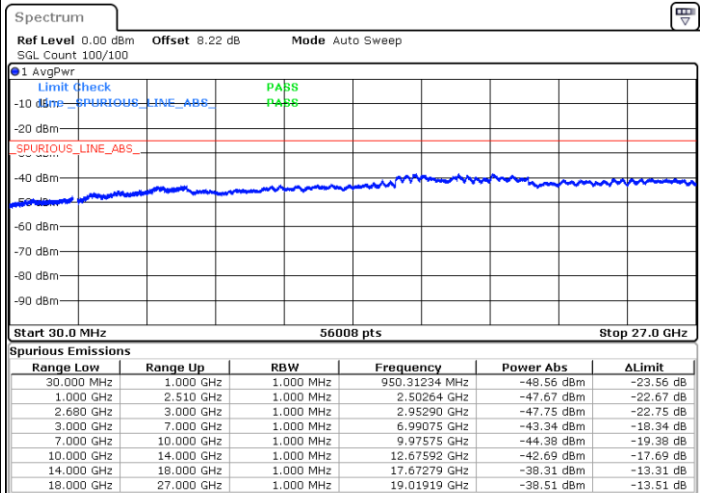
LTE Band 41 / 5MHz

Lowest Channel / QPSK



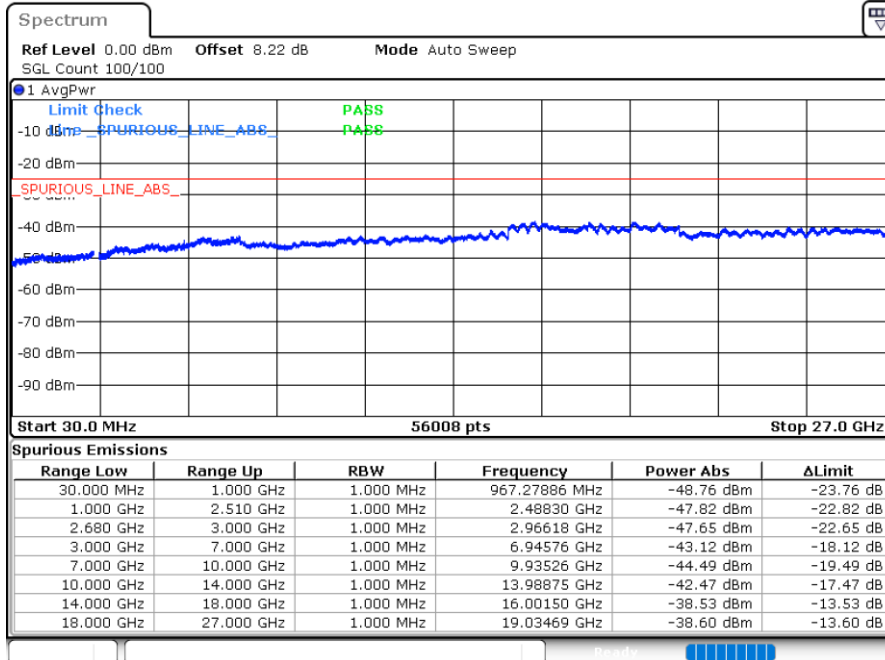
Date: 12.JUN.2025 14:46:52

Middle Channel / QPSK



Date: 12.JUN.2025 14:47:59

Highest Channel / QPSK

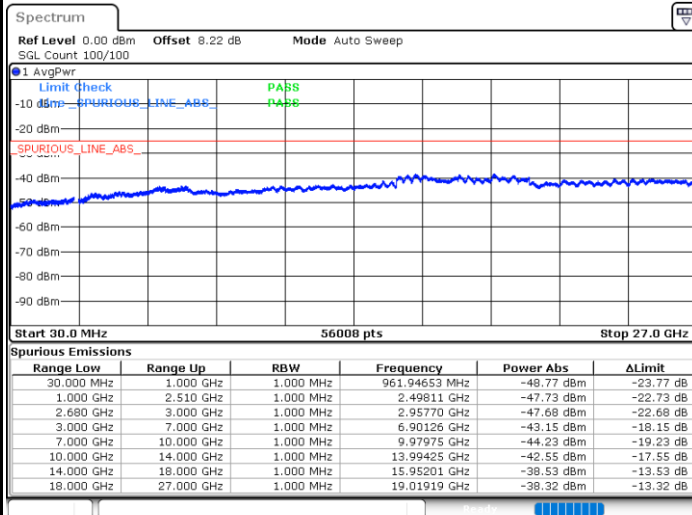


Date: 12.JUN.2025 14:49:06



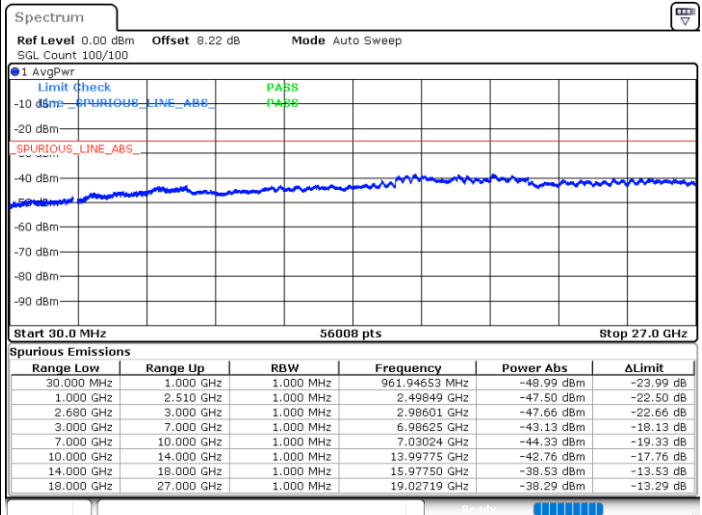
LTE Band 41 / 10MHz

Lowest Channel / QPSK



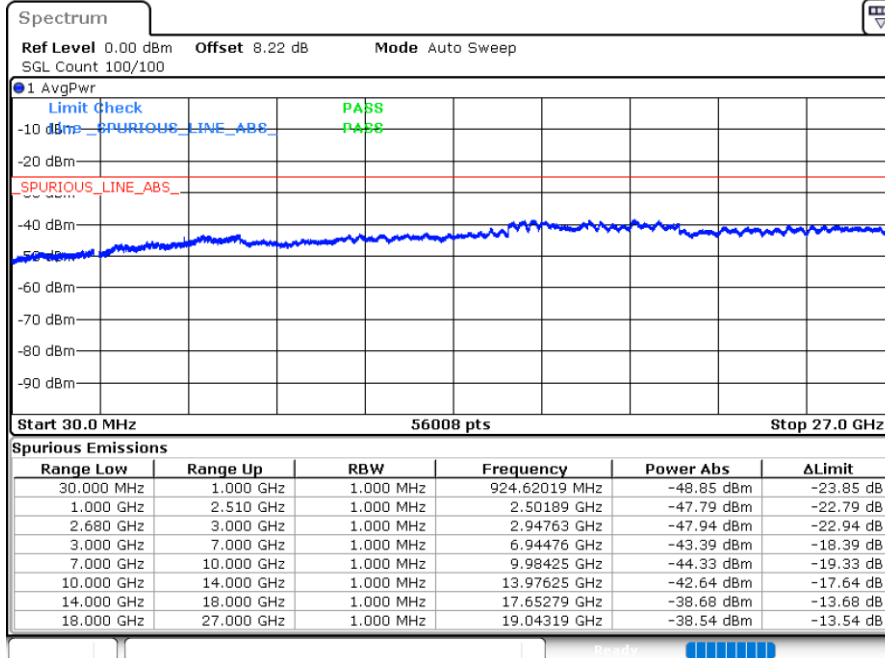
Date: 12.JUN.2025 14:50:56

Middle Channel / QPSK



Date: 12.JUN.2025 14:52:04

Highest Channel / QPSK

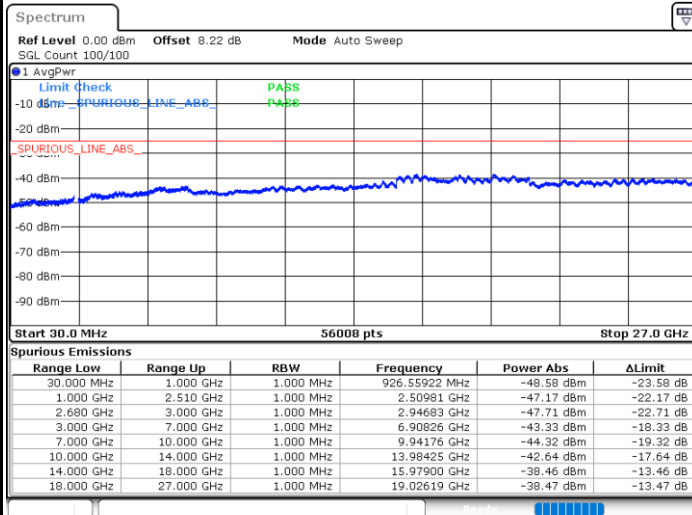


Date: 12.JUN.2025 14:53:11



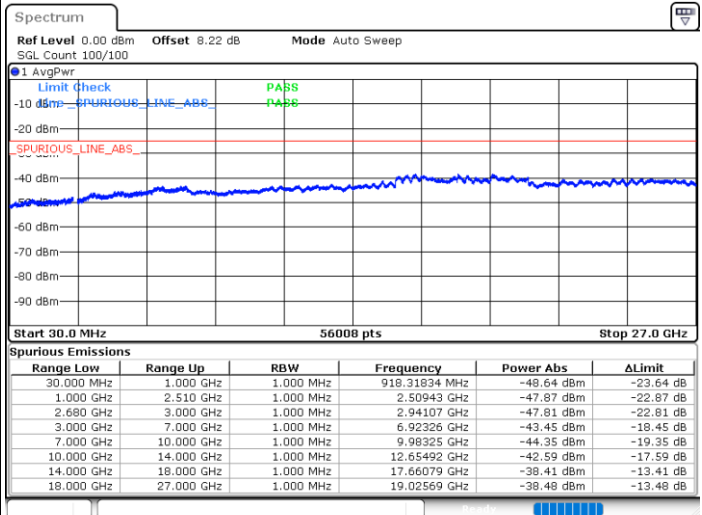
LTE Band 41 / 15MHz

Lowest Channel / QPSK



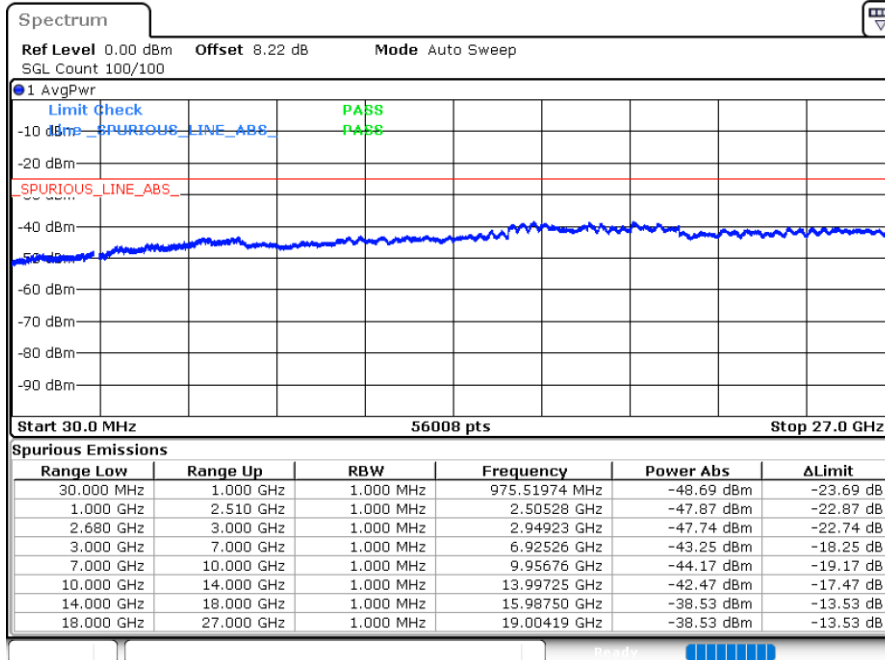
Date: 12.JUN.2025 14:56:41

Middle Channel / QPSK



Date: 12.JUN.2025 14:57:48

Highest Channel / QPSK

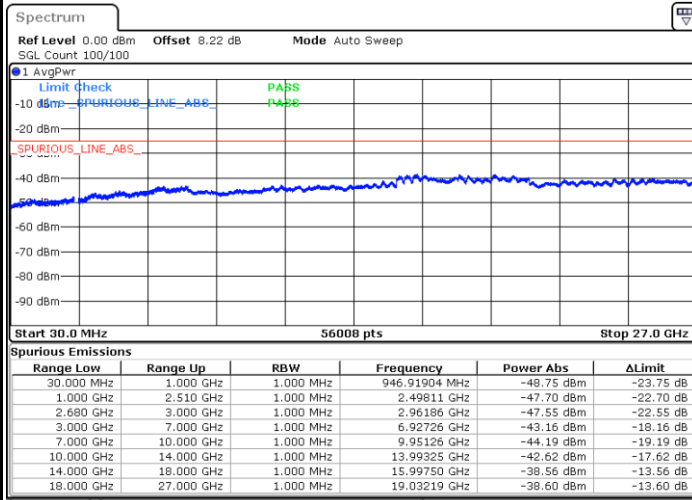


Date: 12.JUN.2025 14:58:55



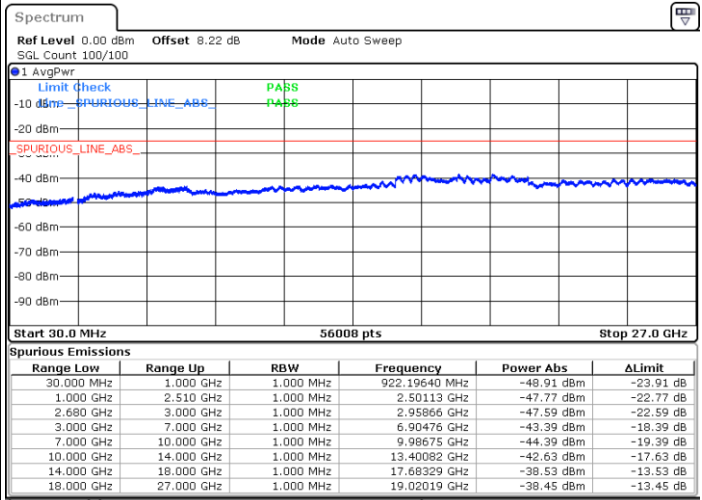
LTE Band 41 / 20MHz

Lowest Channel / QPSK



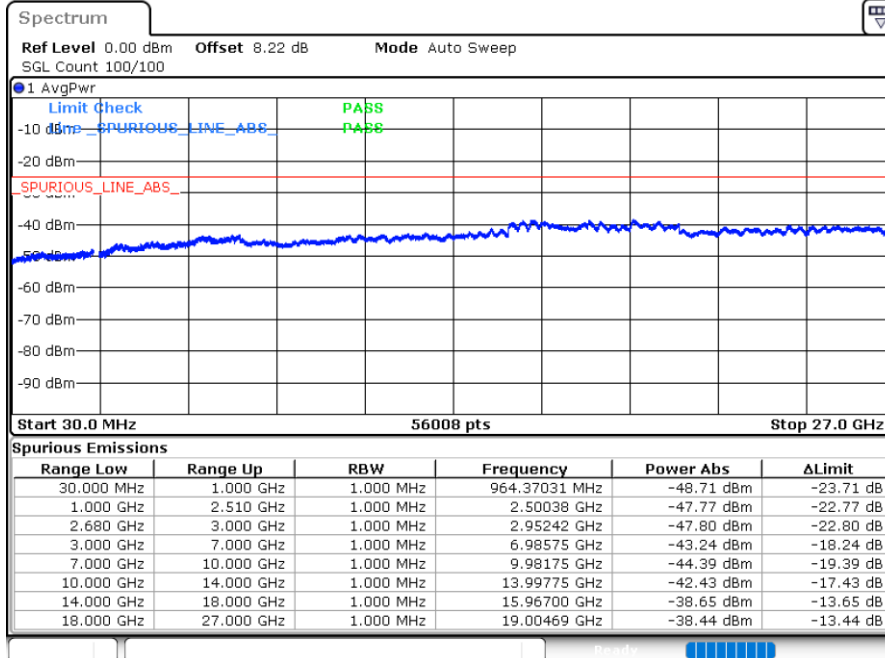
Date: 12.JUN.2025 15:01:49

Middle Channel / QPSK



Date: 12.JUN.2025 15:02:56

Highest Channel / QPSK



Date: 12.JUN.2025 15:04:03

Frequency Stability

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0026	PASS
40	Normal Voltage	0.0045	
30	Normal Voltage	0.0015	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0018	
0	Normal Voltage	0.0029	
-10	Normal Voltage	0.0017	
-20	Normal Voltage	0.0017	
-30	Normal Voltage	0.0035	
20	Maximum Voltage	0.0052	
20	Normal Voltage	0.0042	
20	Minimum Voltage	0.0041	

Note:

1. Normal Voltage =8.4 V.; Minimum Voltage =9 V.; Maximum Voltage =9.6 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Jake	Temperature :	21~25°C
		Relative Humidity :	51~53%

LTE Band 7 / 20MHz / QPSK								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5008	-51.54	-25	-26.54	-61.75	3.03	13.24	H
	7542	-55.11	-25	-30.11	-64.56	3.56	13.01	H
	10006	-56.69	-25	-31.69	-66.21	3.92	13.44	H
	5008	-54.93	-25	-29.93	-65.14	3.03	13.24	V
	7542	-56.43	-25	-31.43	-65.88	3.56	13.01	V
	10006	-57.33	-25	-32.33	-66.85	3.92	13.44	V
Middle	5050	-49.89	-25	-24.89	-60.10	3.03	13.24	H
	7612	-52.99	-25	-27.99	-62.44	3.56	13.01	H
	10104	-57.87	-25	-32.87	-67.39	3.92	13.44	H
	5050	-49.95	-25	-24.95	-60.16	3.03	13.24	V
	7612	-51.37	-25	-26.37	-60.82	3.56	13.01	V
	10104	-57.46	-25	-32.46	-66.98	3.92	13.44	V
Highest	5106	-50.36	-25	-25.36	-60.57	3.03	13.24	H
	7682	-52.88	-25	-27.88	-62.33	3.56	13.01	H
	10202	-56.79	-25	-31.79	-66.31	3.92	13.44	H
	5106	-53.20	-25	-28.20	-63.41	3.03	13.24	V
	7682	-52.20	-25	-27.20	-61.65	3.56	13.01	V
	10202	-57.16	-25	-32.16	-66.68	3.92	13.44	V

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



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	-63.45	-13	-50.45	-70.42	1.58	10.70	H
	2096	-57.60	-13	-44.60	-65.85	2.102	12.50	H
	2800	-59.90	-13	-46.90	-68.79	2.856	13.90	H
	1400	-63.05	-13	-50.05	-70.02	1.58	10.70	V
	2096	-50.36	-13	-37.36	-58.61	2.10	12.50	V
	2800	-59.56	-13	-46.56	-68.45	2.86	13.90	V
Middle	1408	-64.37	-13	-51.37	-71.34	1.58	10.70	H
	2112	-58.44	-13	-45.44	-66.69	2.102	12.50	H
	2808	-60.28	-13	-47.28	-69.17	2.856	13.90	H
	1408	-62.32	-13	-49.32	-69.29	1.58	10.70	V
	2112	-52.96	-13	-39.96	-61.21	2.10	12.50	V
	2808	-59.96	-13	-46.96	-68.85	2.86	13.90	V
Highest	1416	-61.54	-13	-48.54	-68.51	1.58	10.70	H
	2120	-57.29	-13	-44.29	-65.54	2.102	12.50	H
	2824	-60.35	-13	-47.35	-69.24	2.856	13.90	H
	1416	-61.30	-13	-48.30	-68.27	1.58	10.70	V
	2120	-49.86	-13	-36.86	-58.11	2.10	12.50	V
	2824	-59.84	-13	-46.84	-68.73	2.86	13.90	V

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



LTE Band 41 / 20MHz / QPSK								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	4994	-56.90	-25	-31.90	-67.11	3.03	13.24	H
	7486	-58.14	-25	-33.14	-67.59	3.56	13.01	H
	9992	-58.46	-25	-33.46	-67.98	3.92	13.44	H
	4994	-56.35	-25	-31.35	-66.56	3.03	13.24	V
	7486	-57.27	-25	-32.27	-66.72	3.56	13.01	V
	9992	-58.63	-25	-33.63	-68.15	3.92	13.44	V
Middle	5162	-49.95	-25	-24.95	-60.16	3.03	13.24	H
	7780	-54.30	-25	-29.30	-63.75	3.56	13.01	H
	10342	-58.72	-25	-33.72	-68.24	3.92	13.44	H
	5162	-51.90	-25	-26.90	-62.11	3.03	13.24	V
	7780	-54.58	-25	-29.58	-64.03	3.56	13.01	V
	10342	-57.35	-25	-32.35	-66.87	3.92	13.44	V
Highest	5344	-44.42	-25	-19.42	-54.63	3.03	13.24	H
	8018	-52.28	-25	-27.28	-61.73	3.56	13.01	H
	10678	-55.37	-25	-30.37	-64.89	3.92	13.44	H
	5344	-45.12	-25	-20.12	-55.33	3.03	13.24	V
	8018	-49.48	-25	-24.48	-58.93	3.56	13.01	V
	10678	-57.66	-25	-32.66	-67.18	3.92	13.44	V

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