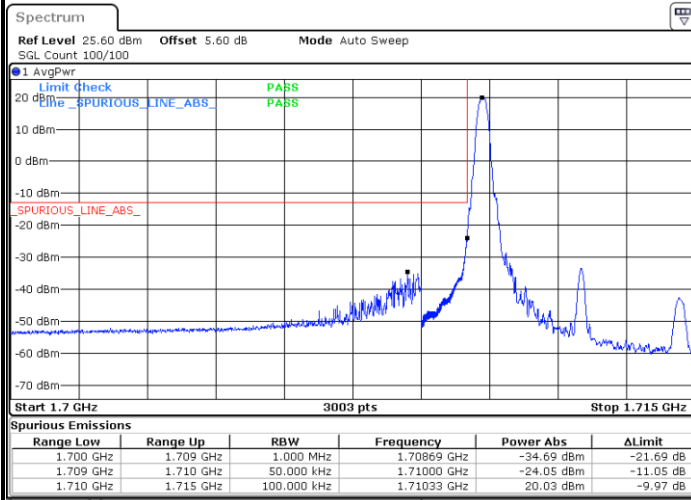


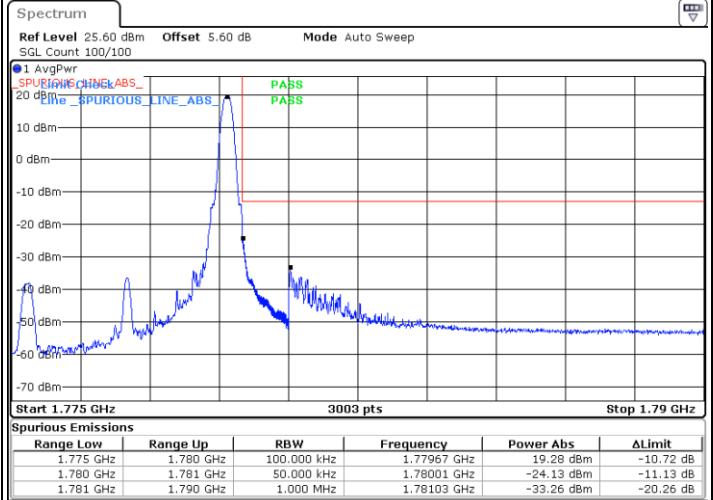


LTE Band 66 / 5MHz / QPSK

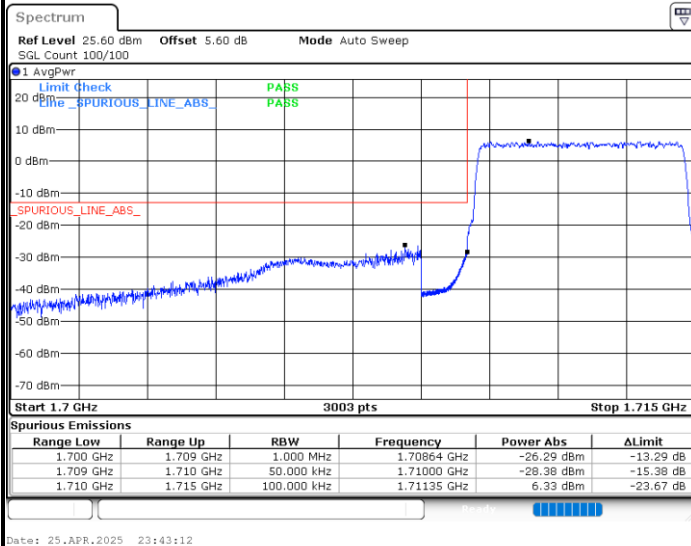
Lowest Band Edge / 1 RB



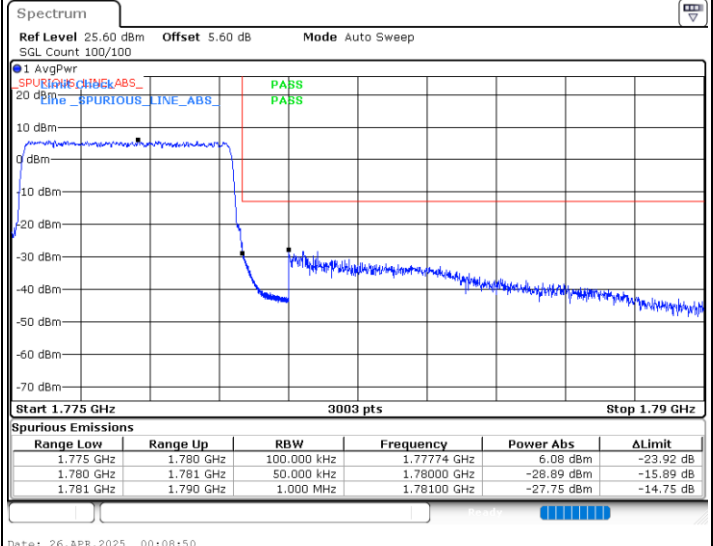
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



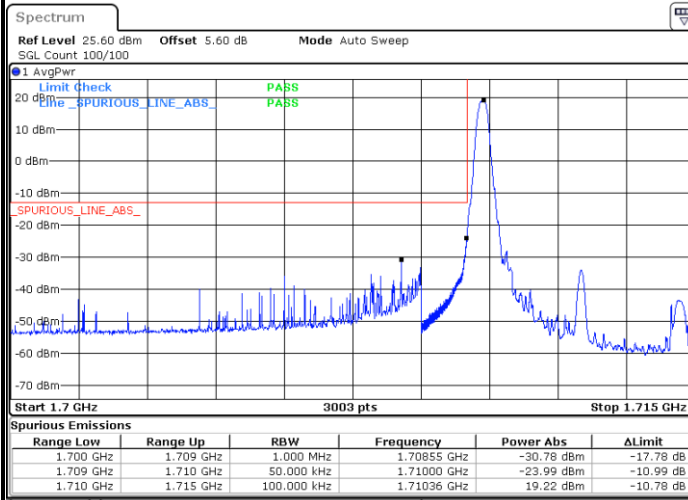
Highest Band Edge / Full RB



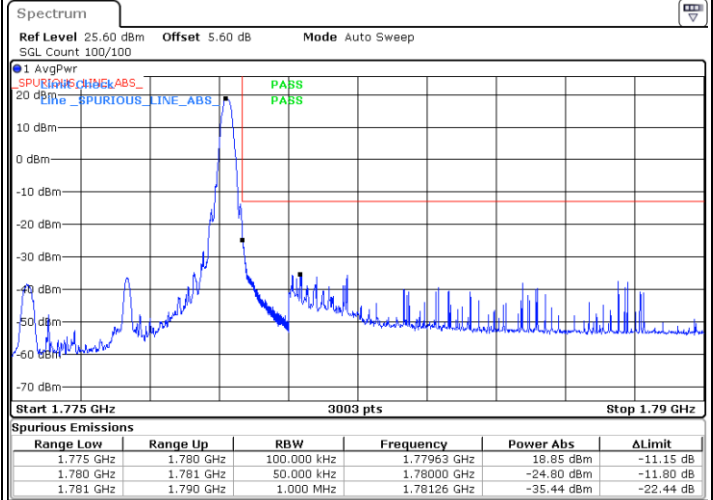


LTE Band 66 / 5MHz / 16QAM

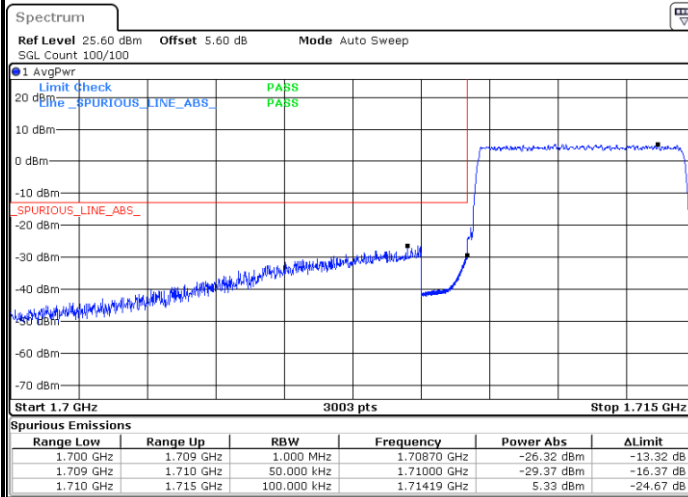
Lowest Band Edge / 1RB



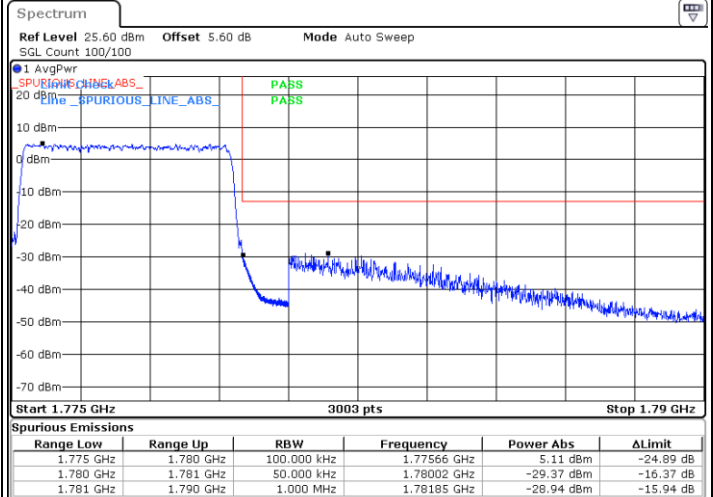
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



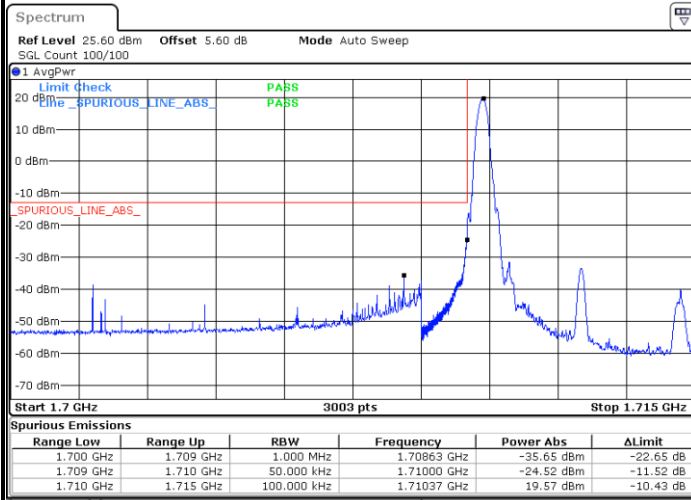
Highest Band Edge / Full RB



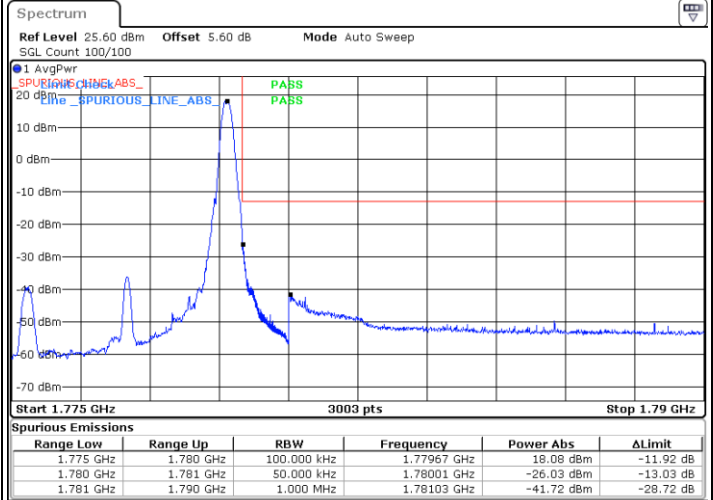


LTE Band 66 / 5MHz / 64QAM

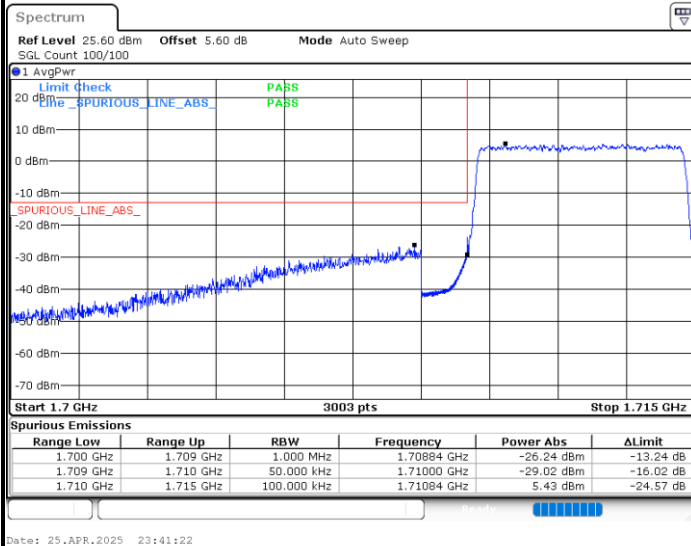
Lowest Band Edge / 1RB



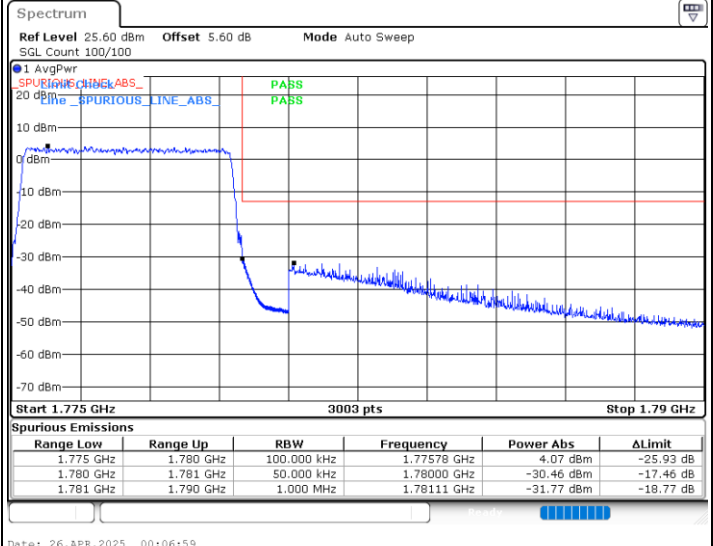
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



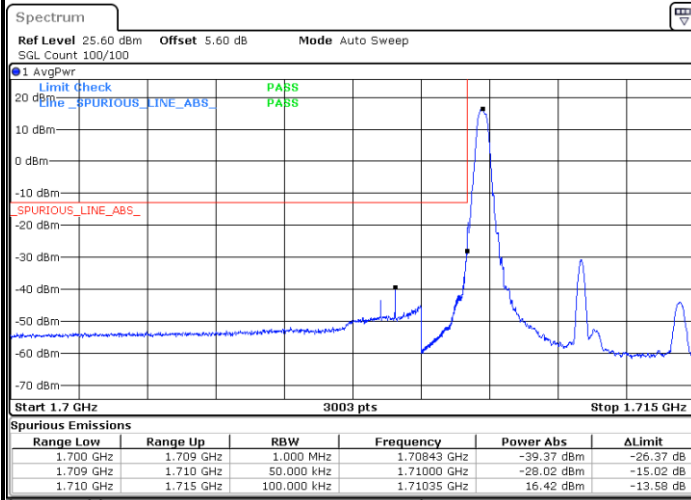
Highest Band Edge / Full RB



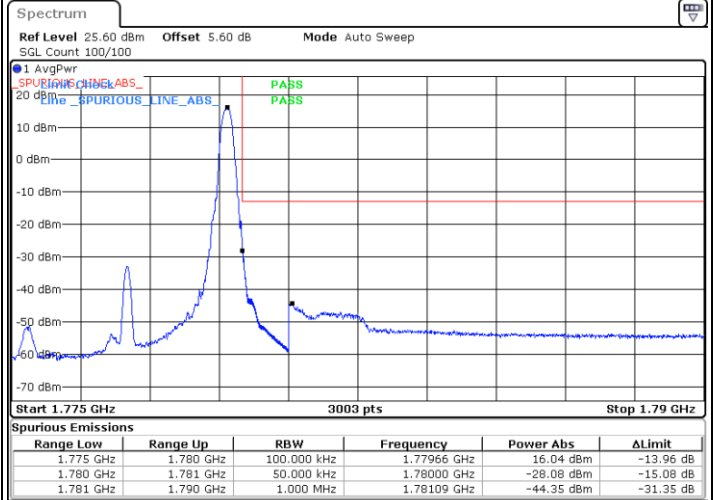


LTE Band 66 / 5MHz / 256QAM

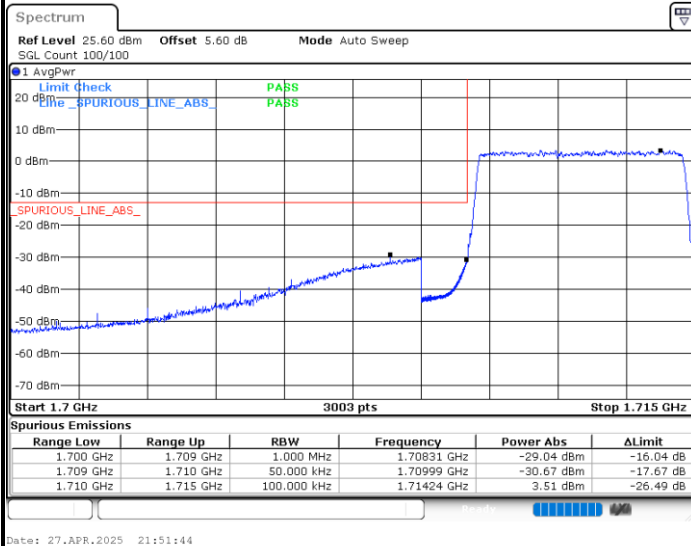
Lowest Band Edge / 1RB



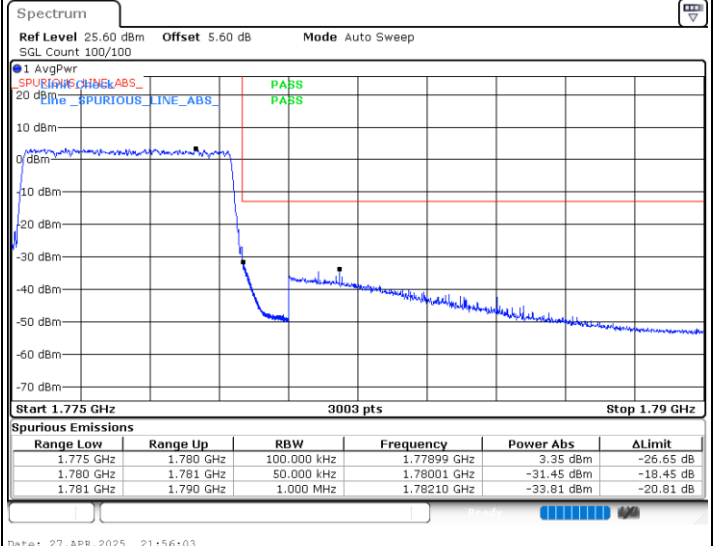
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



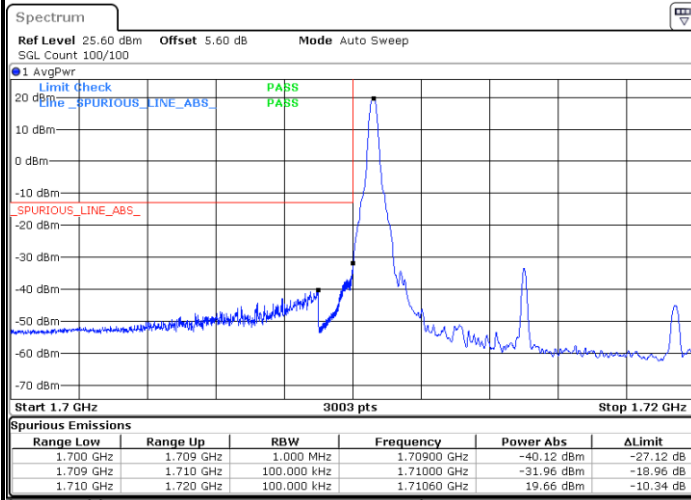
Highest Band Edge / Full RB



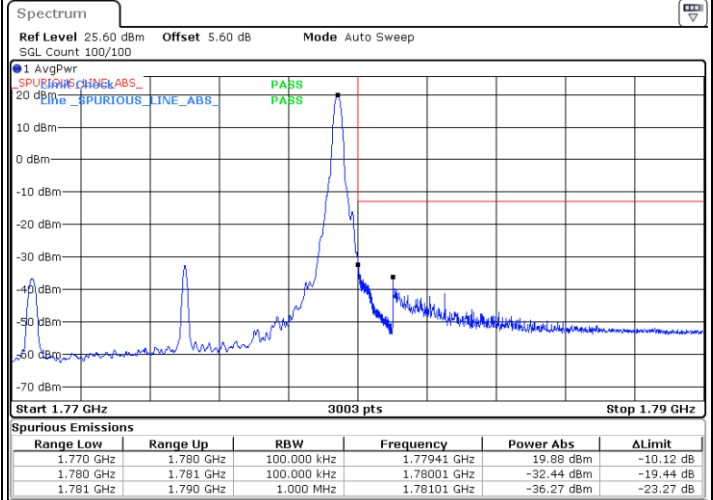


LTE Band 66 / 10MHz / QPSK

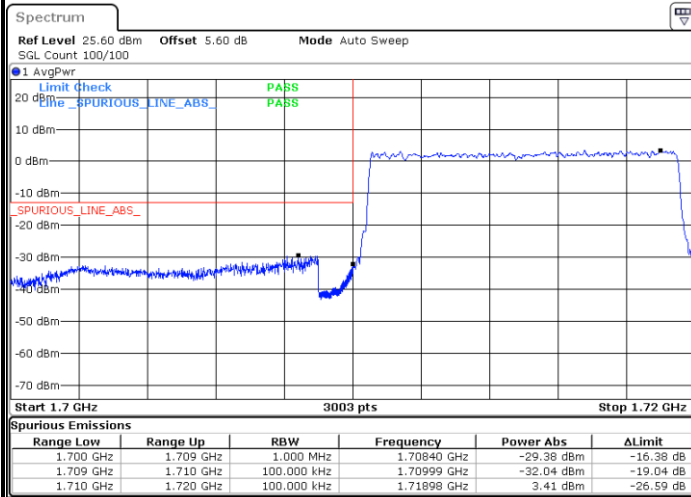
Lowest Band Edge / 1 RB



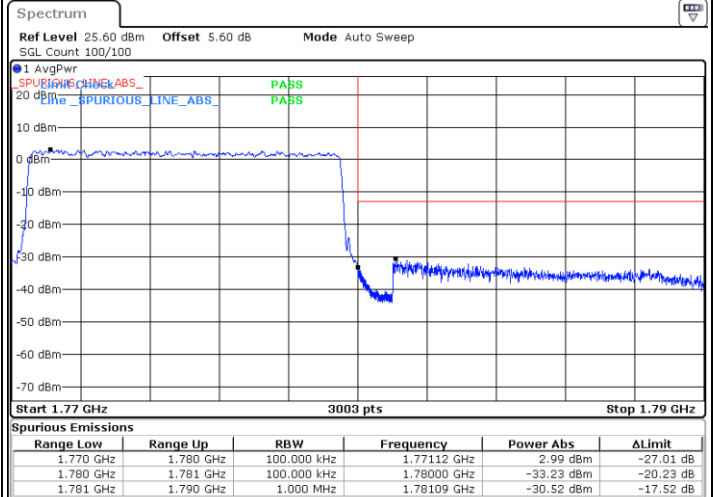
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



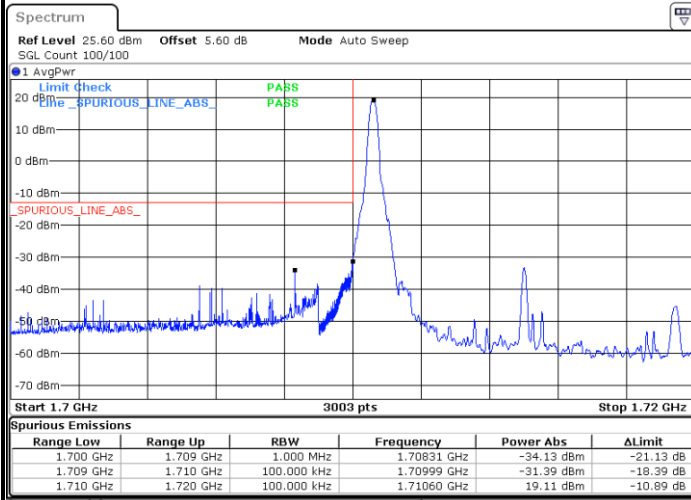
Highest Band Edge / Full RB



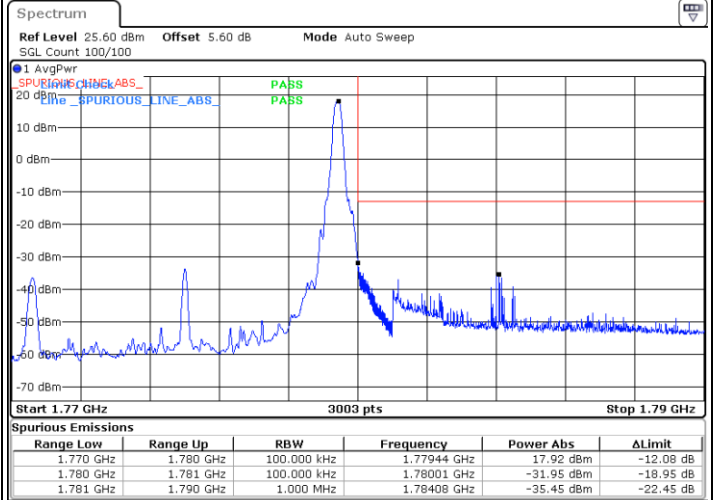


LTE Band 66 / 10MHz / 16QAM

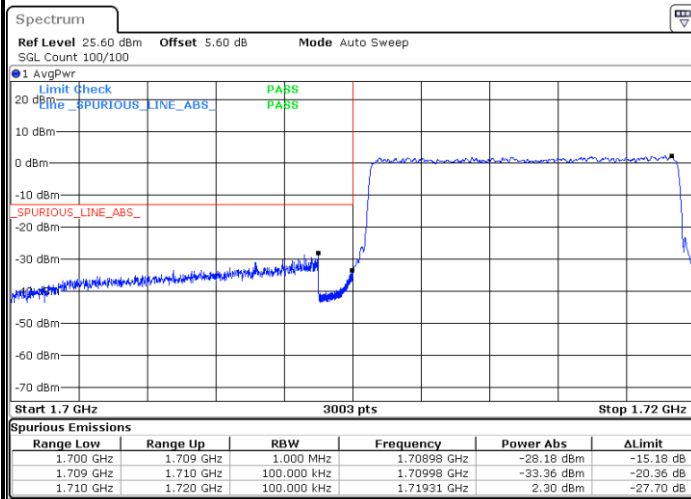
Lowest Band Edge / 1 RB



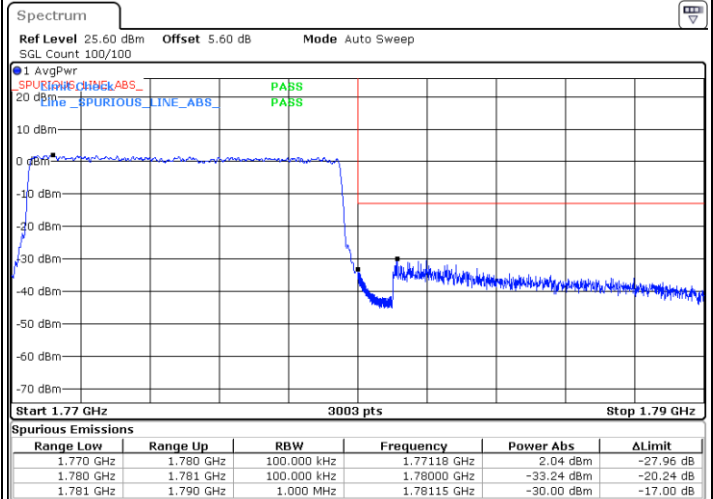
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



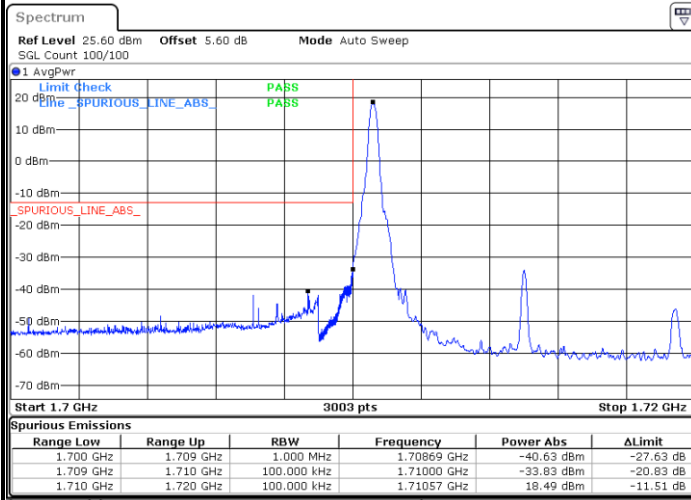
Highest Band Edge / Full RB



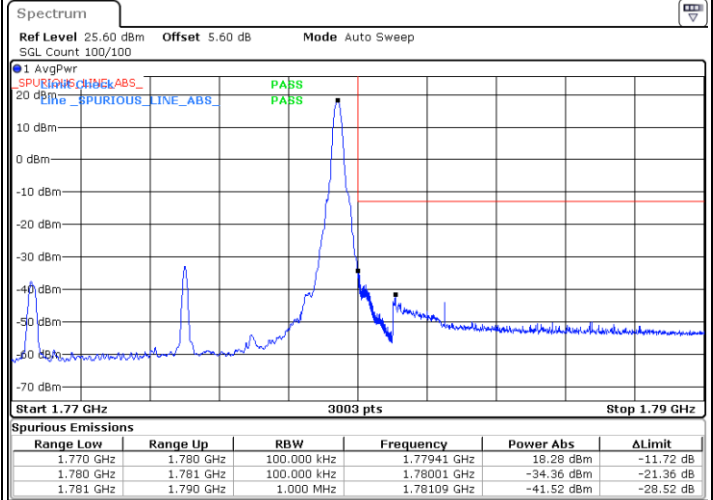


LTE Band 66 / 10MHz / 64QAM

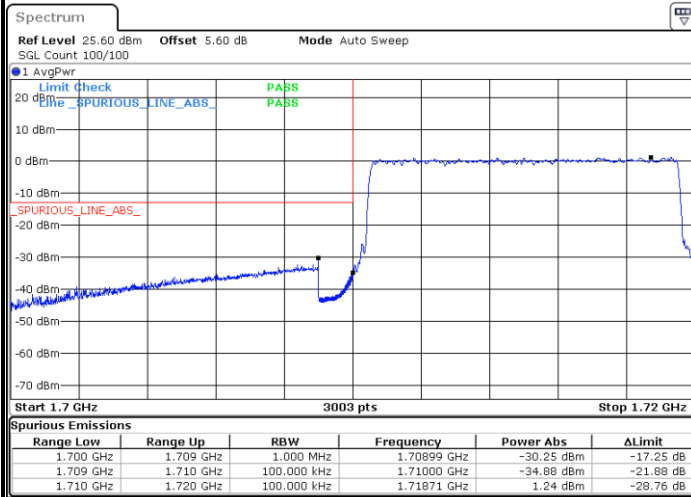
Lowest Band Edge / 1 RB



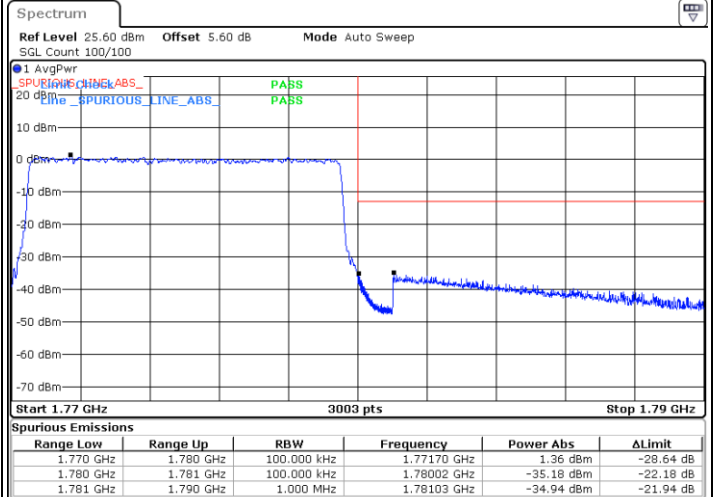
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



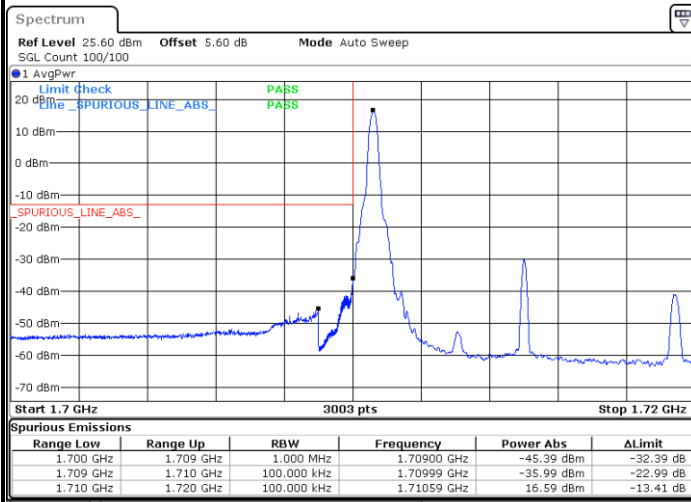
Highest Band Edge / Full RB



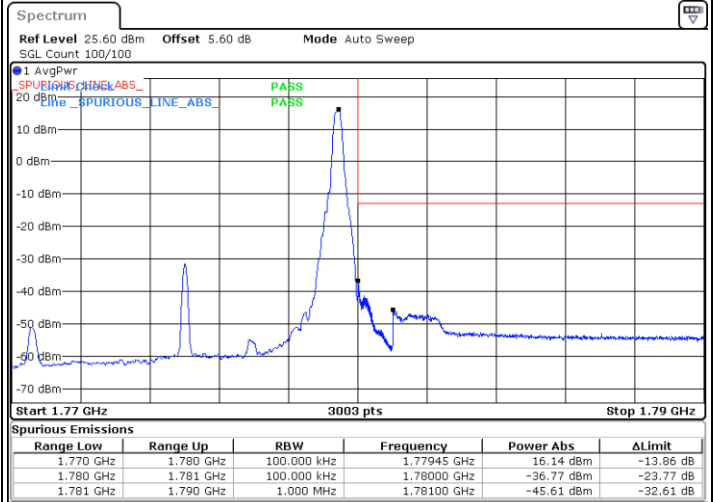


LTE Band 66 / 10MHz / 256QAM

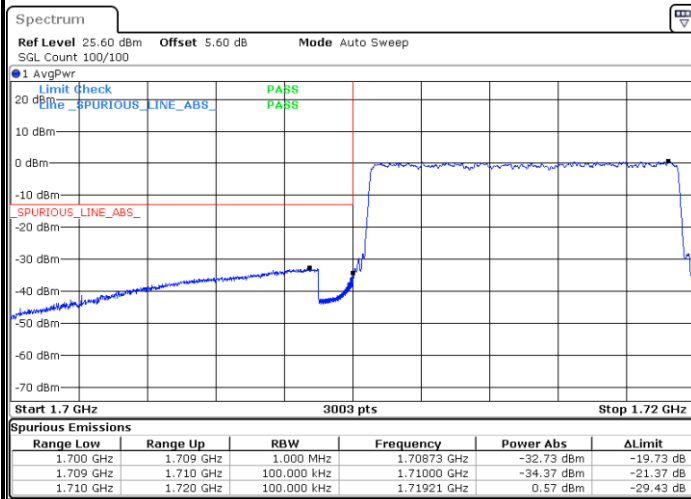
Lowest Band Edge / 1 RB



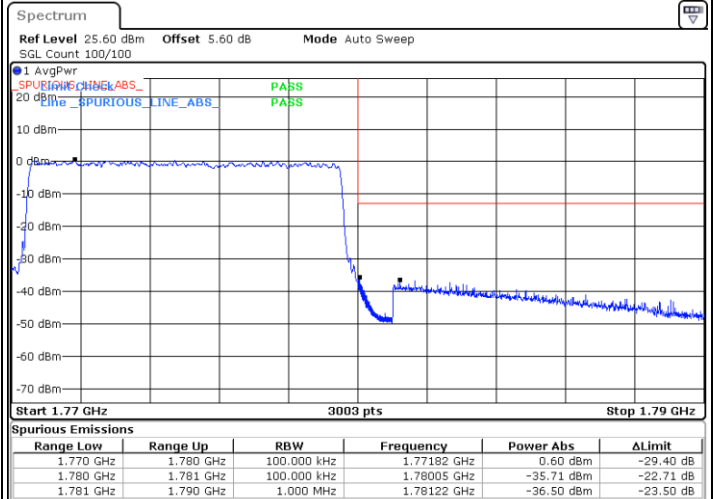
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



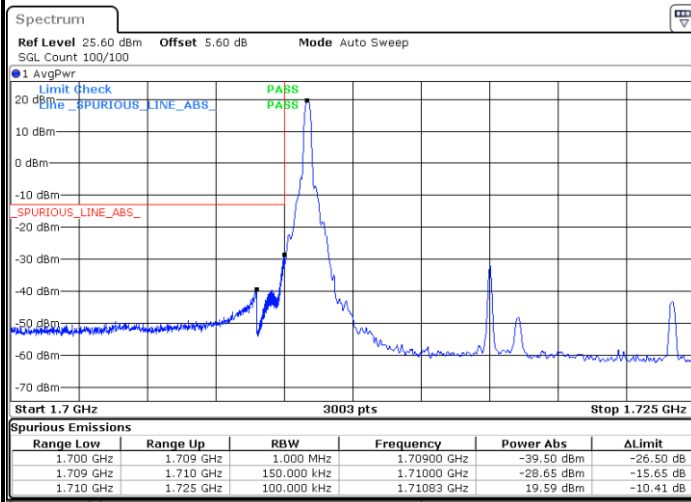
Highest Band Edge / Full RB



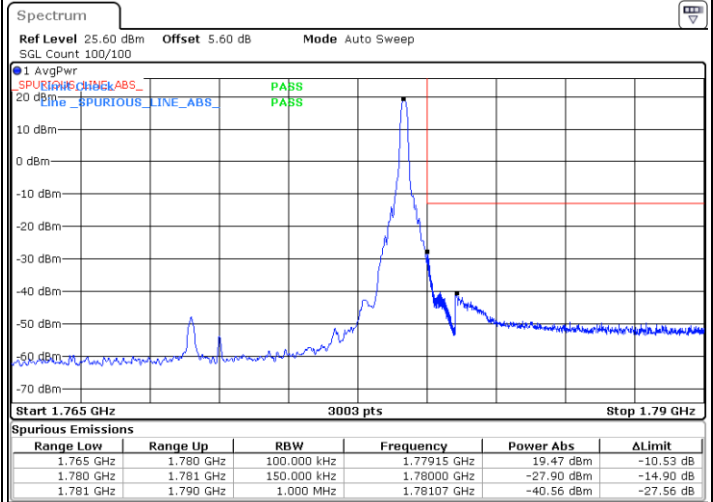


LTE Band 66 / 15MHz / QPSK

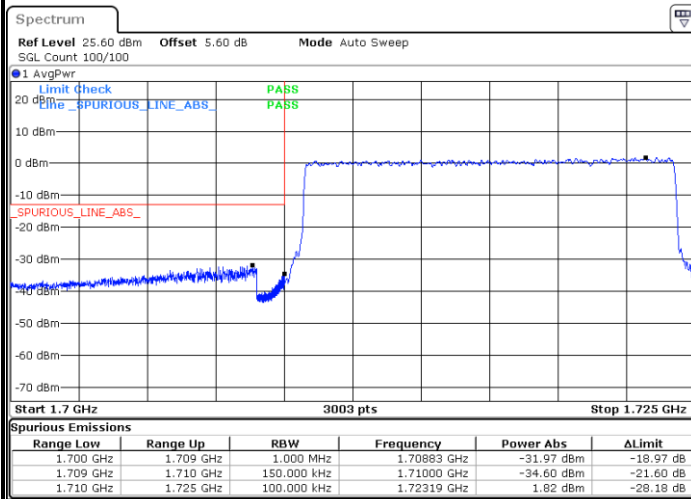
Lowest Band Edge / 1 RB



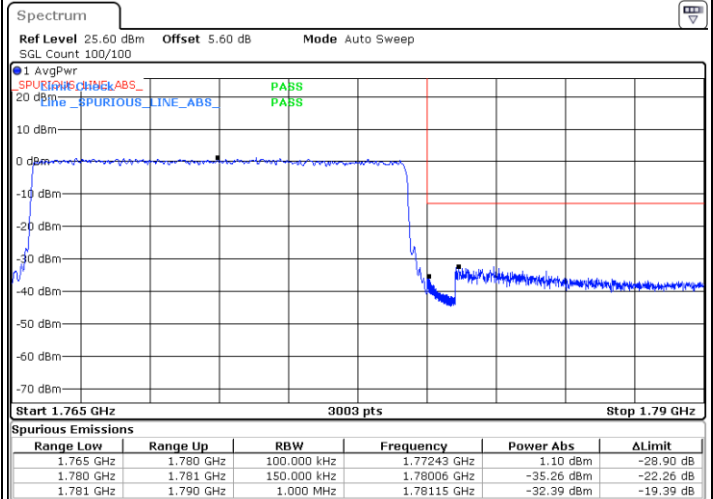
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



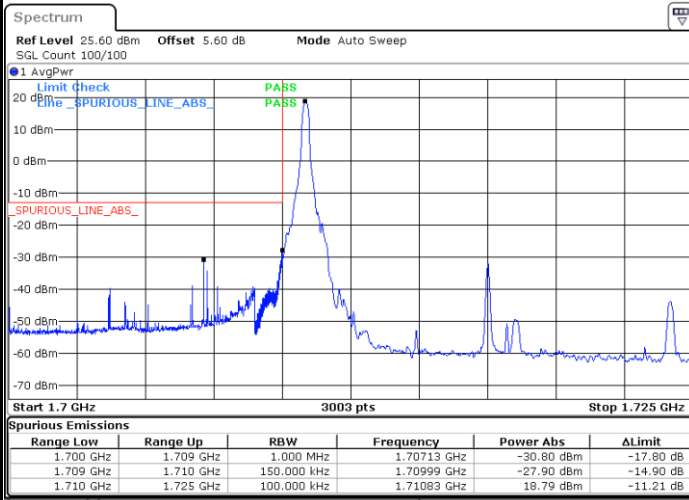
Highest Band Edge / Full RB



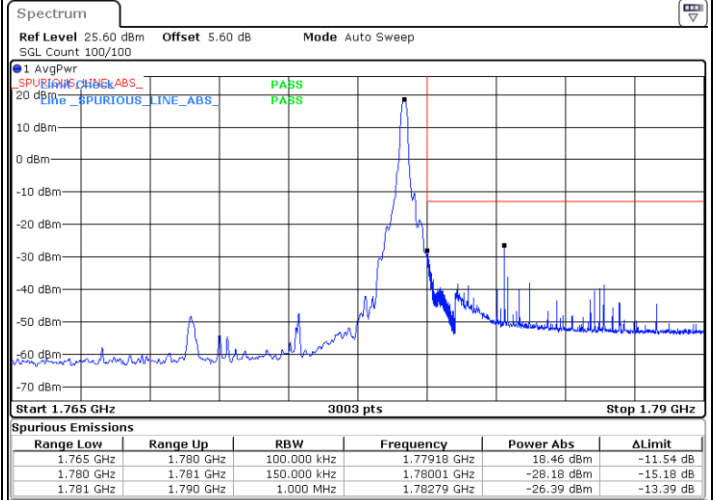


LTE Band 66 / 15MHz / 16QAM

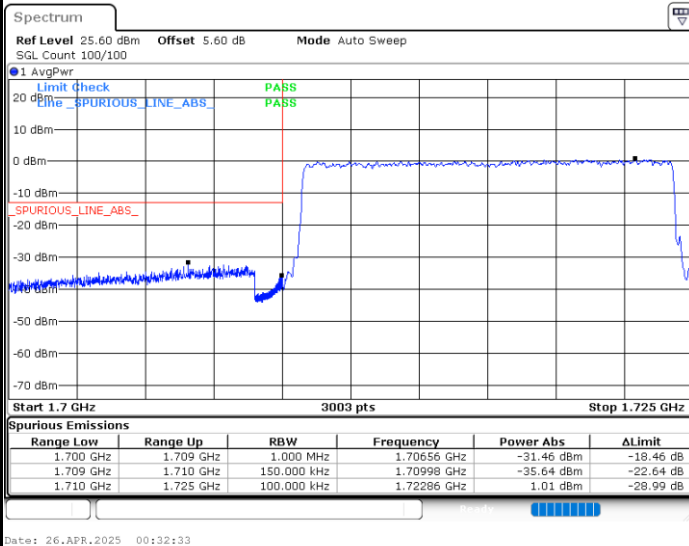
Lowest Band Edge / 1 RB



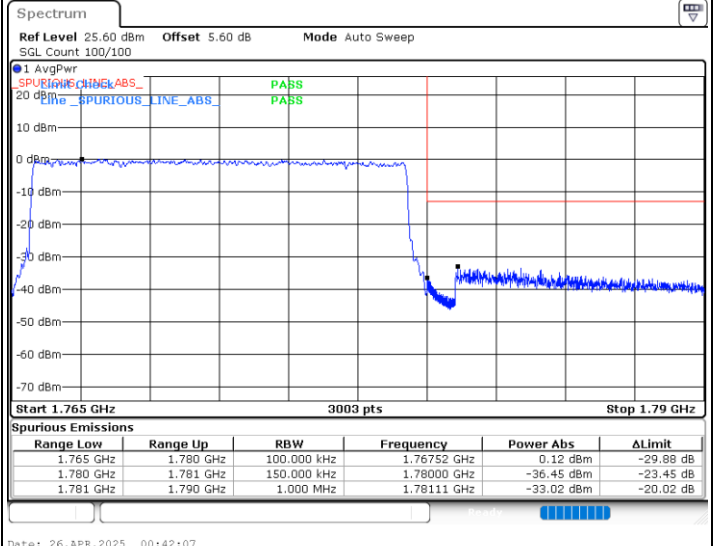
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



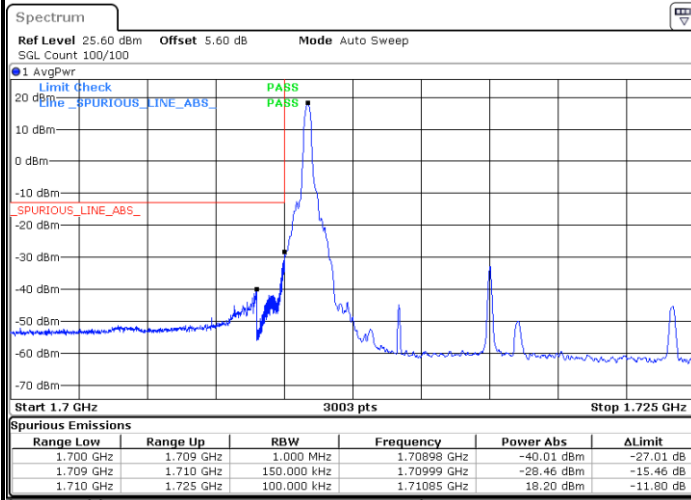
Highest Band Edge / Full RB



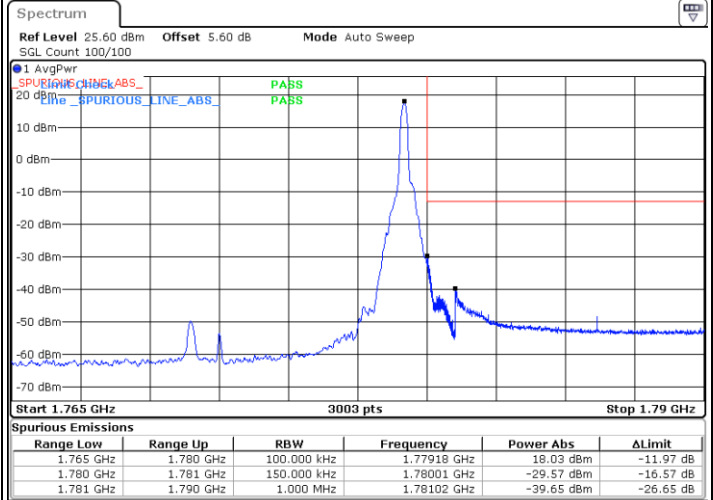


LTE Band 66 / 15MHz / 64QAM

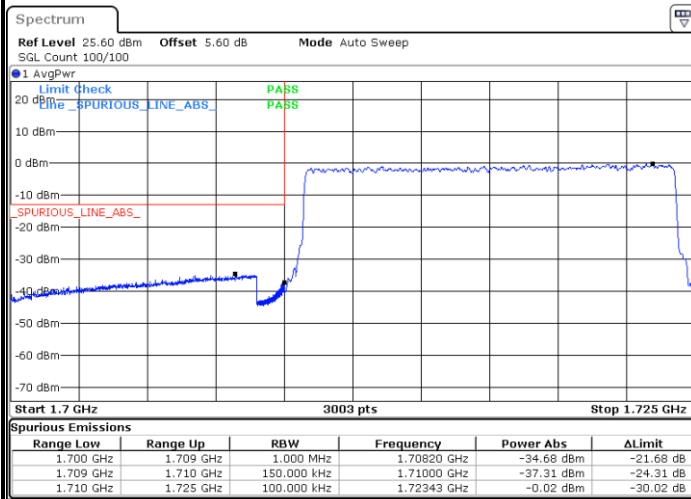
Lowest Band Edge / 1 RB



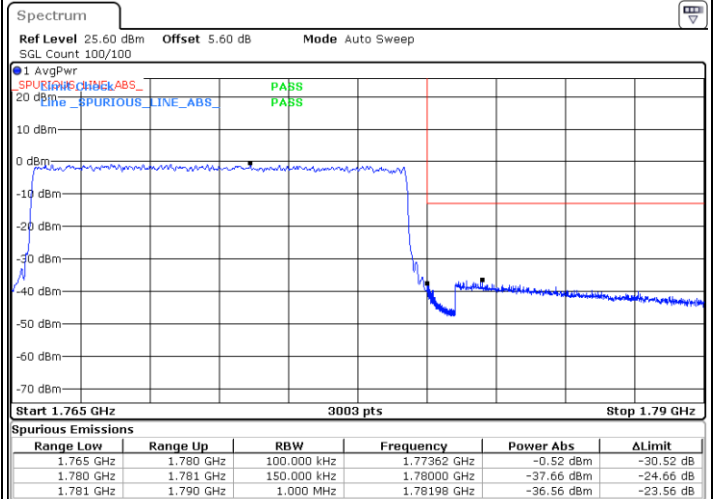
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



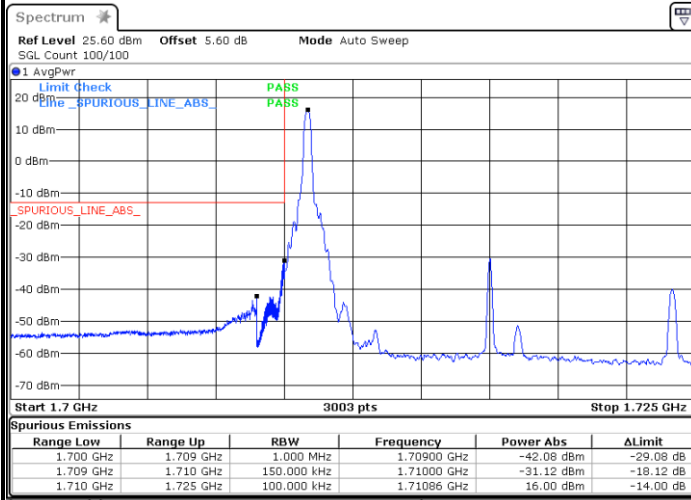
Highest Band Edge / Full RB



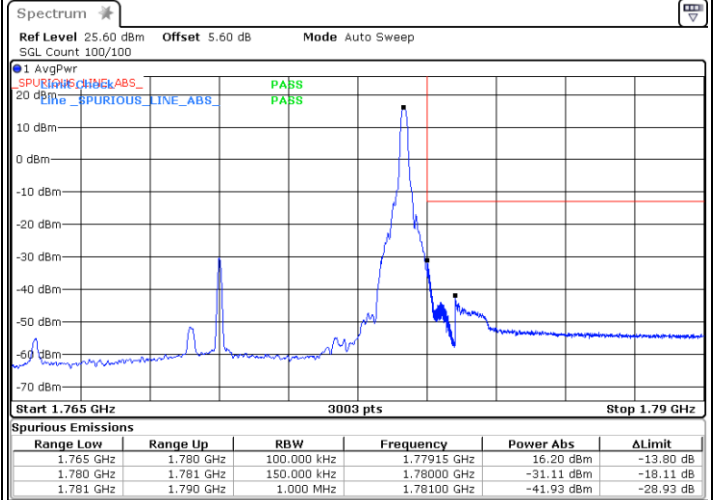


LTE Band 66 / 15MHz / 256QAM

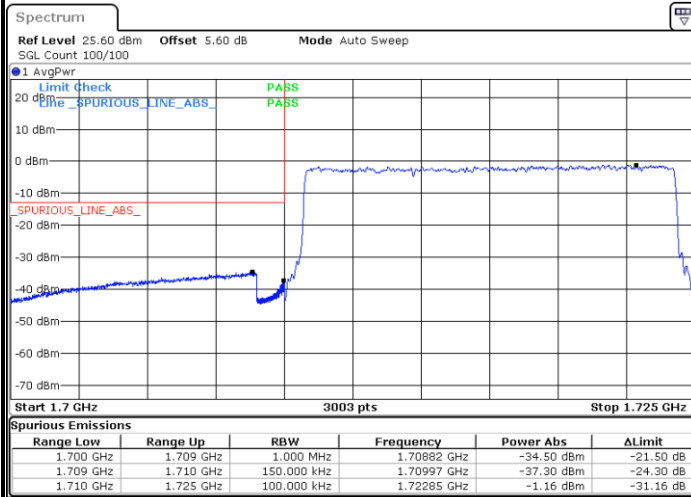
Lowest Band Edge / 1 RB



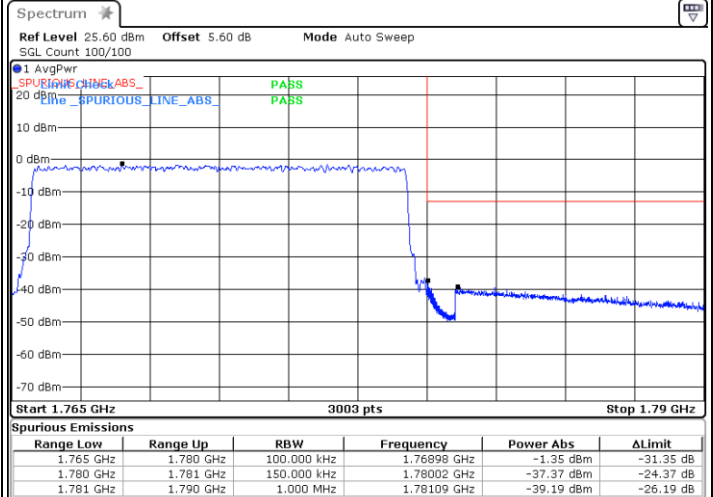
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



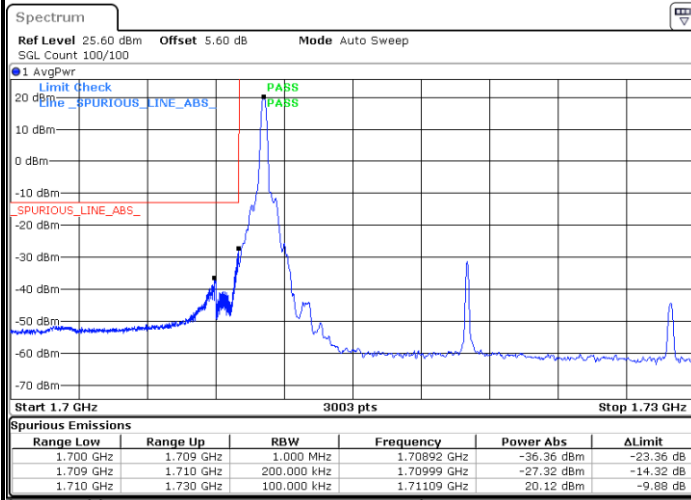
Highest Band Edge / Full RB



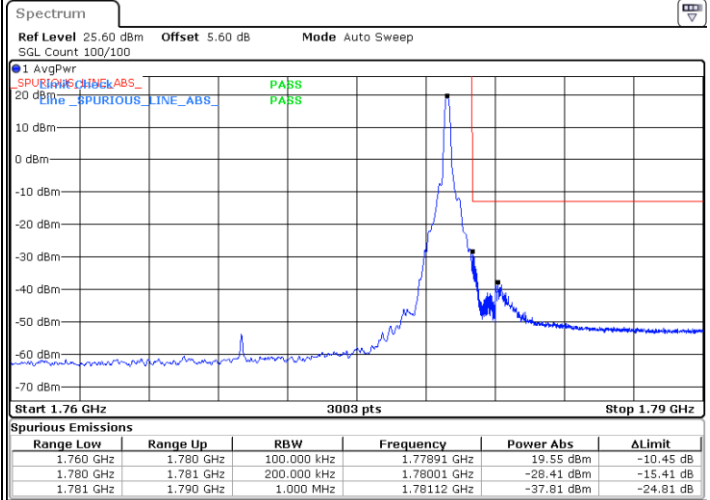


LTE Band 66 / 20MHz / QPSK

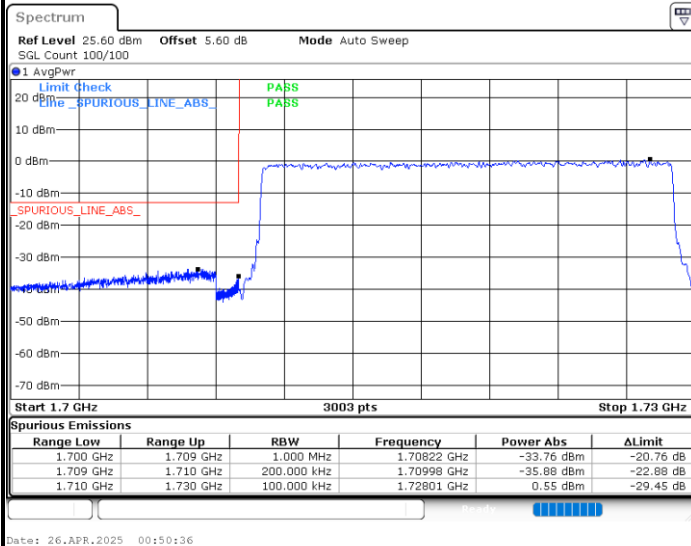
Lowest Band Edge / 1 RB



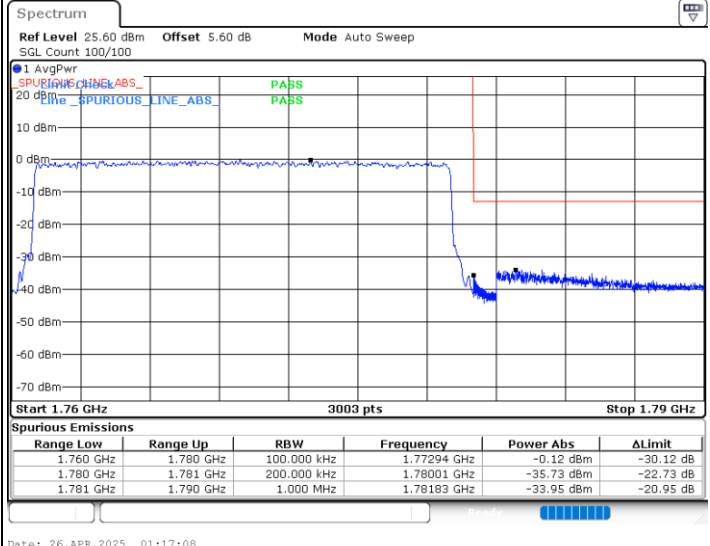
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



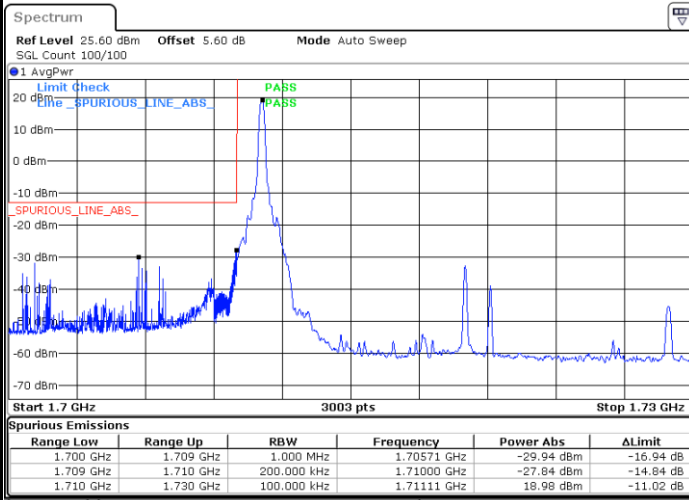
Highest Band Edge / Full RB



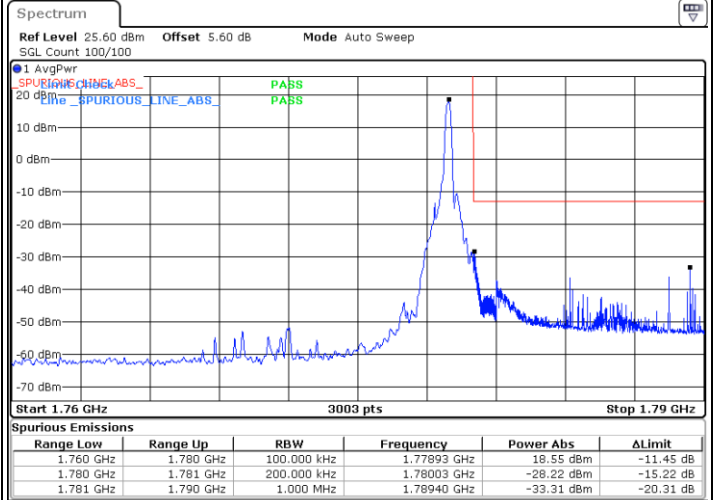


LTE Band 66 / 20MHz / 16QAM

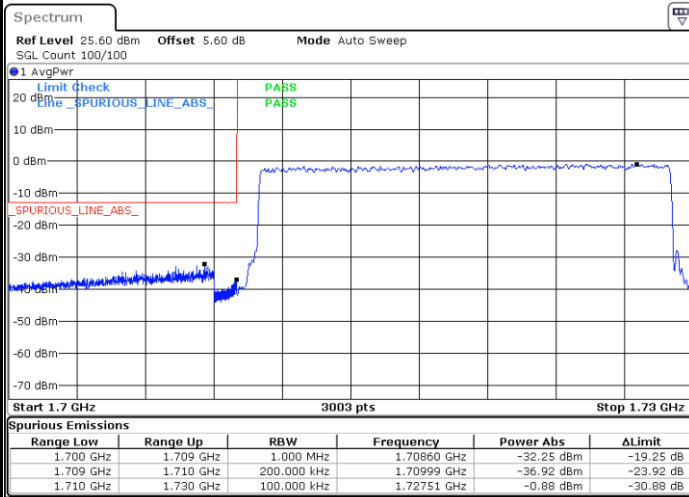
Lowest Band Edge / 1 RB



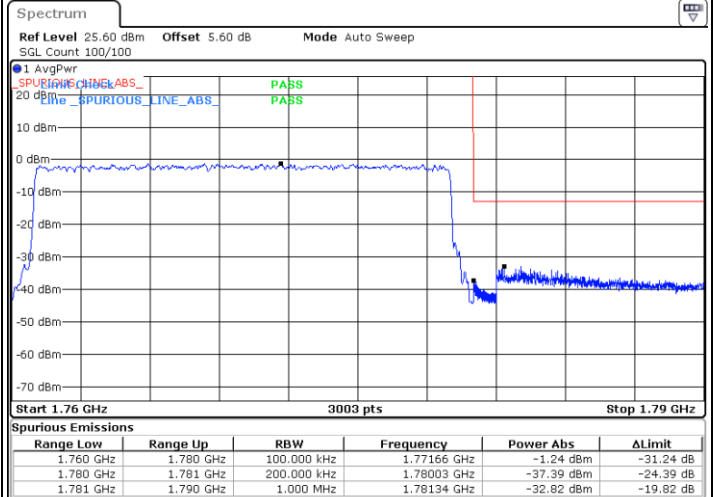
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



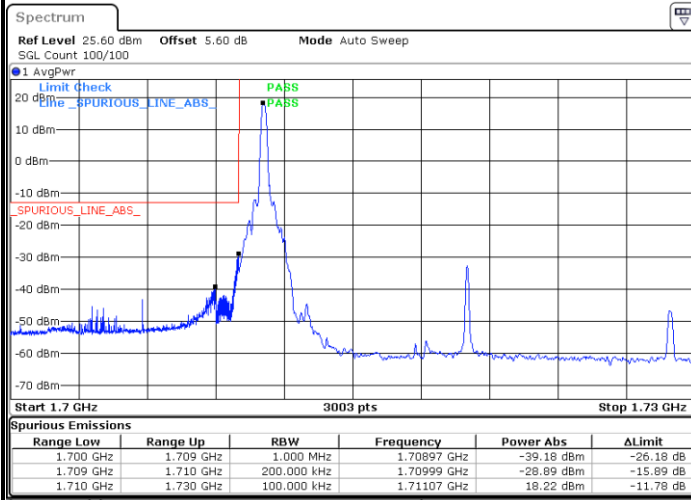
Highest Band Edge / Full RB



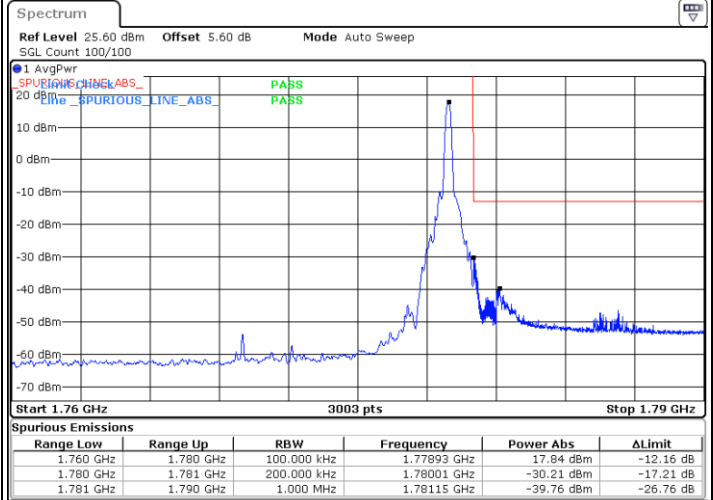


LTE Band 66 / 20MHz / 64QAM

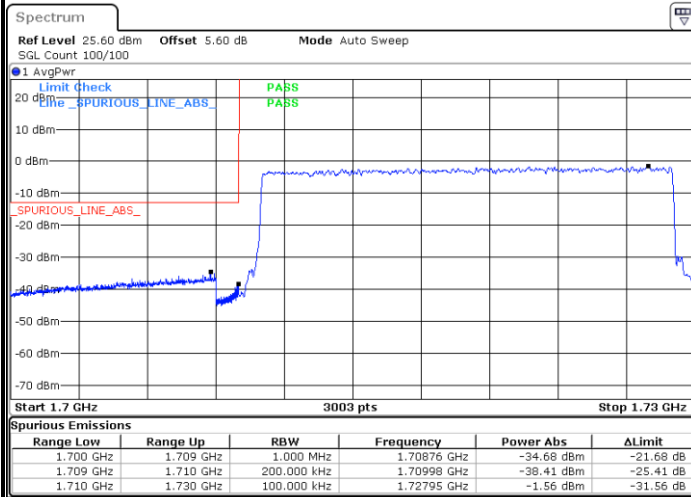
Lowest Band Edge / 1 RB



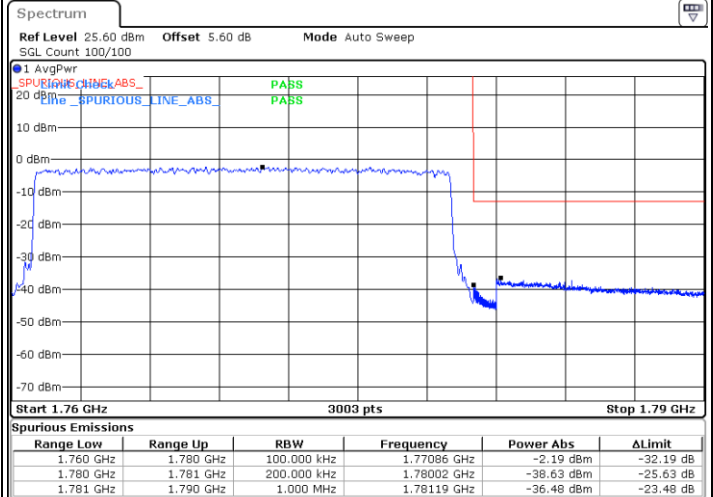
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



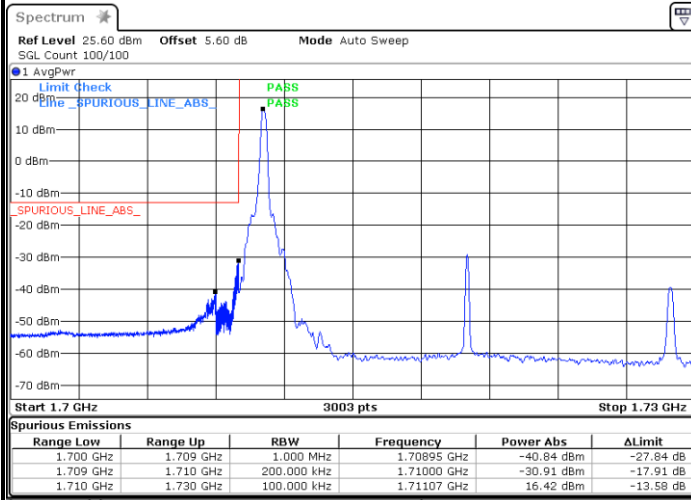
Highest Band Edge / Full RB



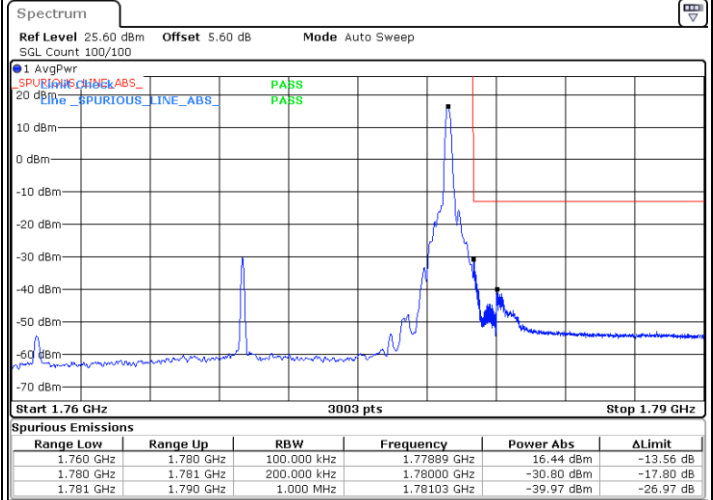


LTE Band 66 / 20MHz / 256QAM

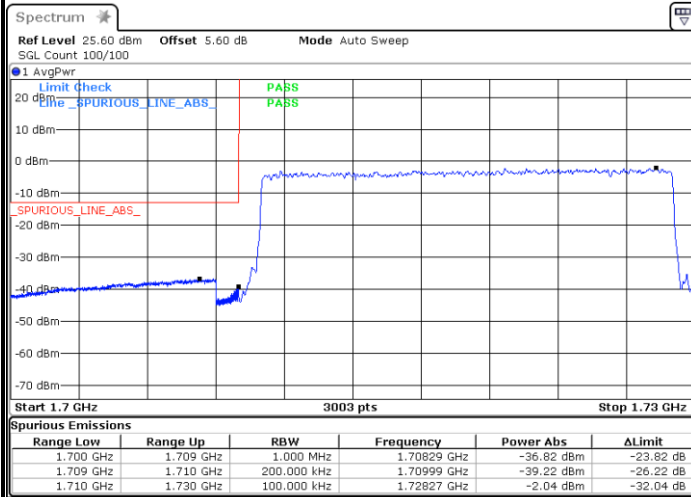
Lowest Band Edge / 1 RB



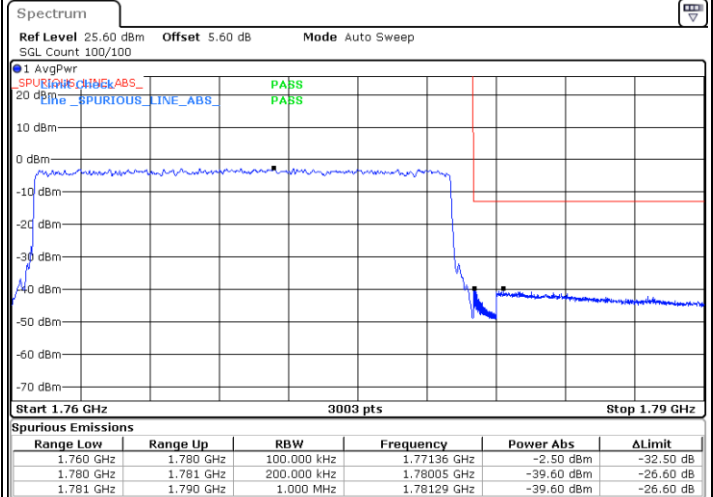
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

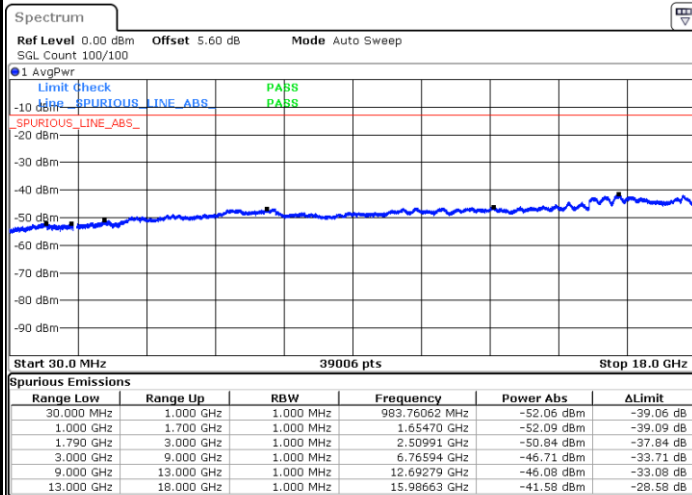




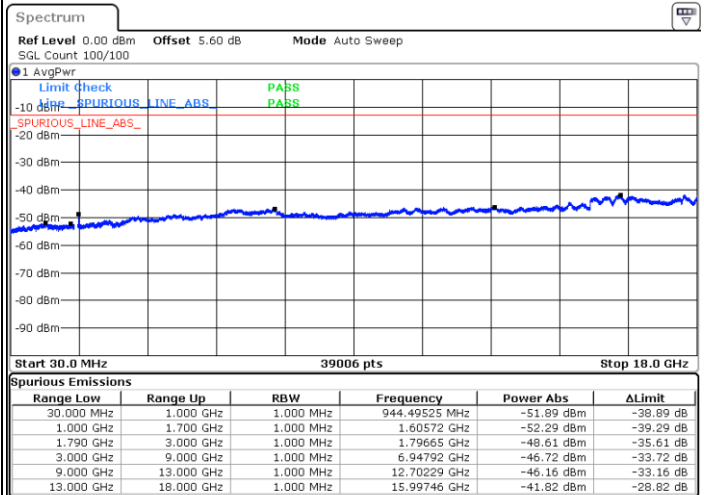
Conducted Spurious Emission

LTE Band 66 / 1.4MHz

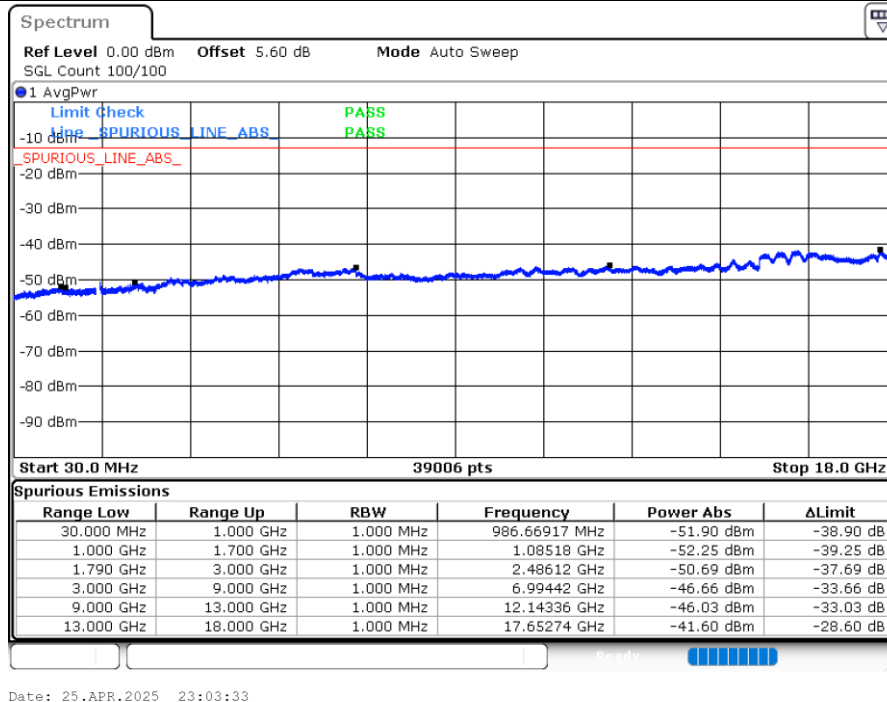
Lowest Channel / QPSK



Middle Channel / QPSK



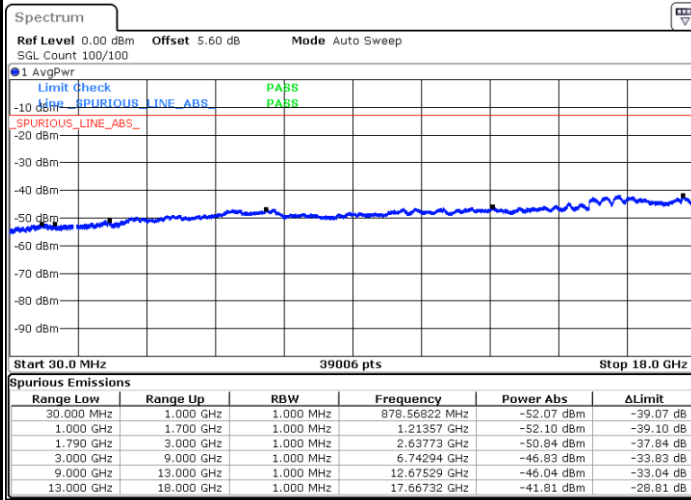
Highest Channel / QPSK





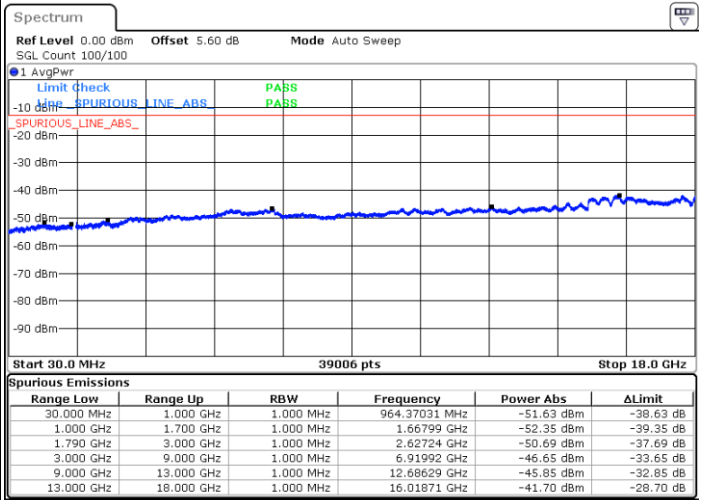
LTE Band 66 / 3MHz

Lowest Channel / QPSK



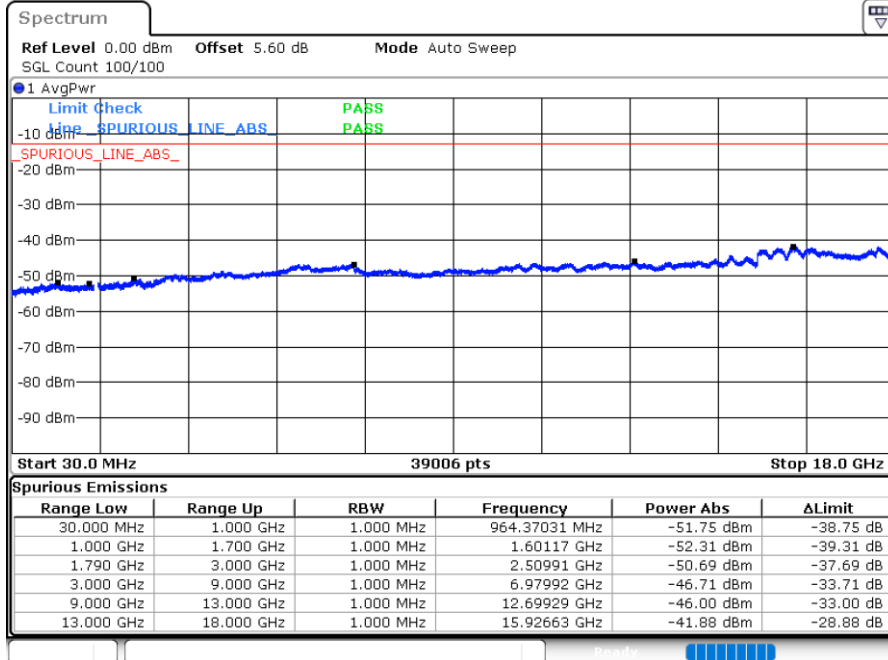
Date: 25.APR.2025 23:14:05

Middle Channel / QPSK



Date: 25.APR.2025 23:24:37

Highest Channel / QPSK

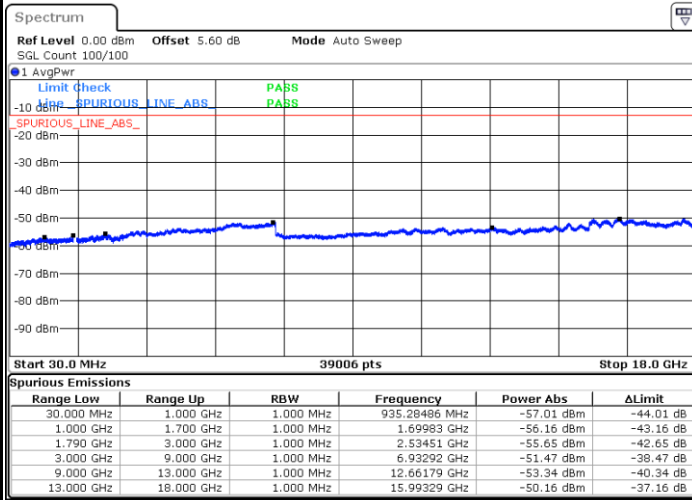


Date: 25.APR.2025 23:26:38



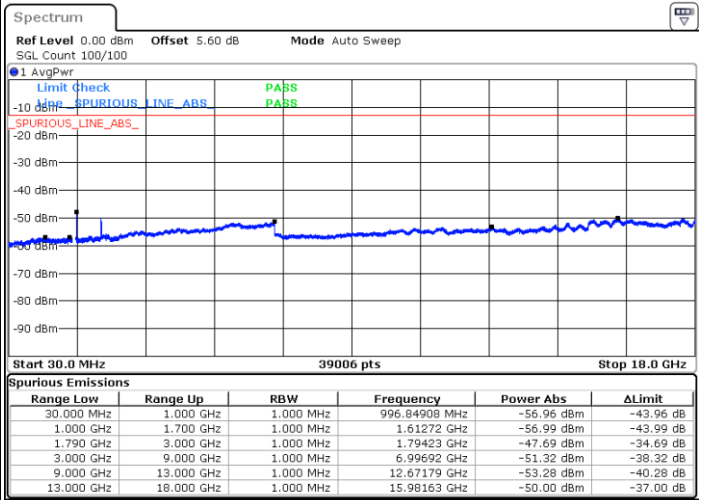
LTE Band 66 / 5MHz

Lowest Channel / QPSK



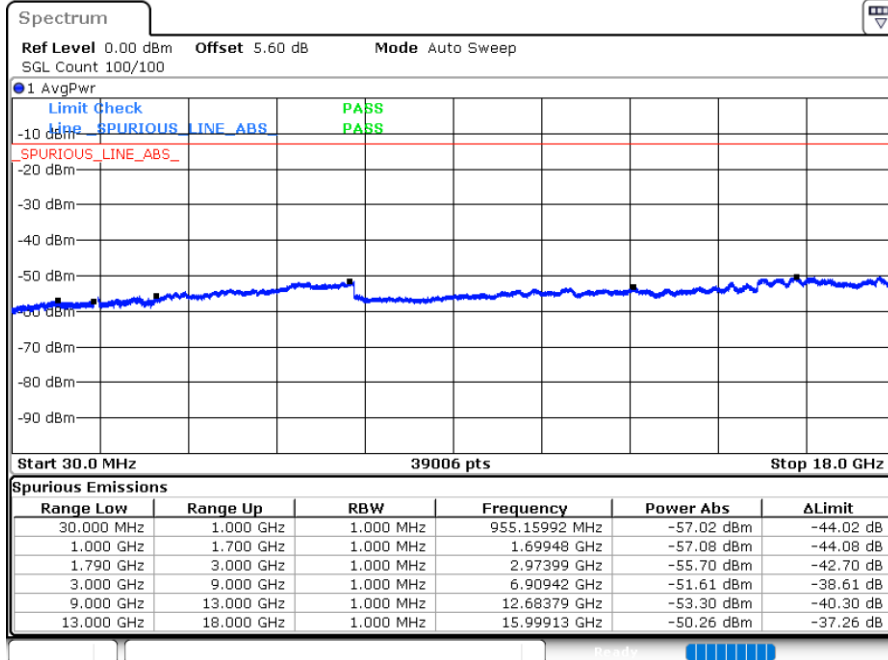
Date: 25.APR.2025 23:37:11

Middle Channel / QPSK



Date: 26.APR.2025 00:01:18

Highest Channel / QPSK

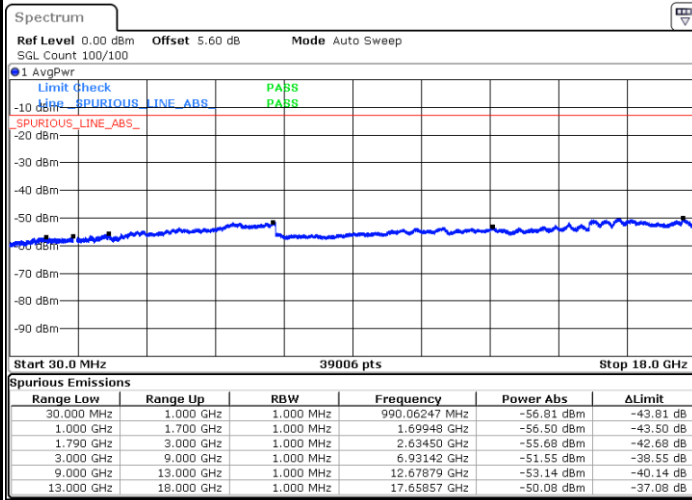


Date: 26.APR.2025 00:03:19



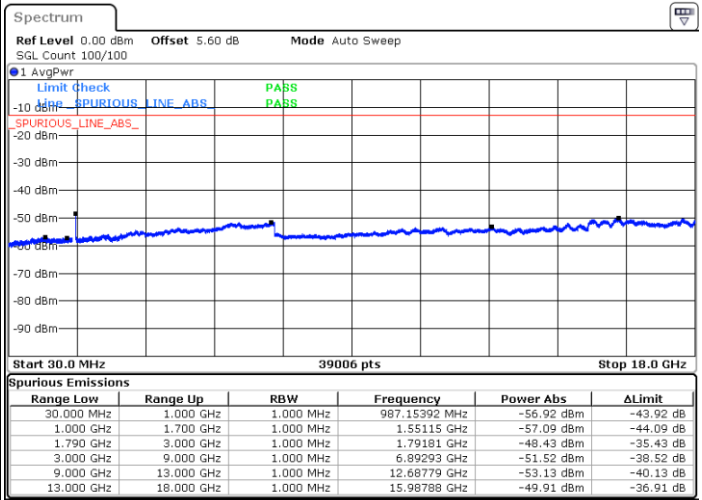
LTE Band 66 / 10MHz

Lowest Channel / QPSK



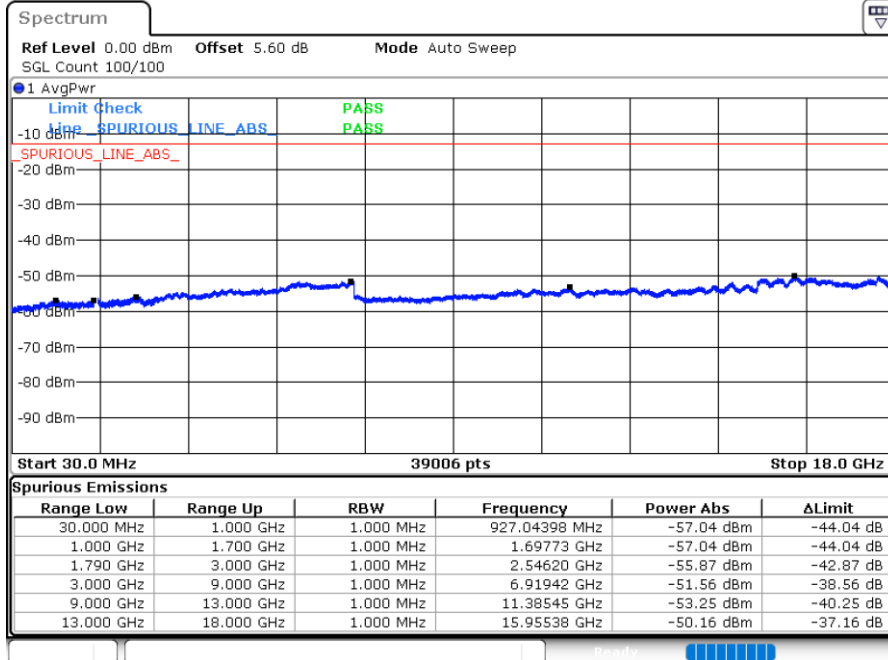
Date: 26.APR.2025 00:10:51

Middle Channel / QPSK



Date: 26.APR.2025 00:18:24

Highest Channel / QPSK

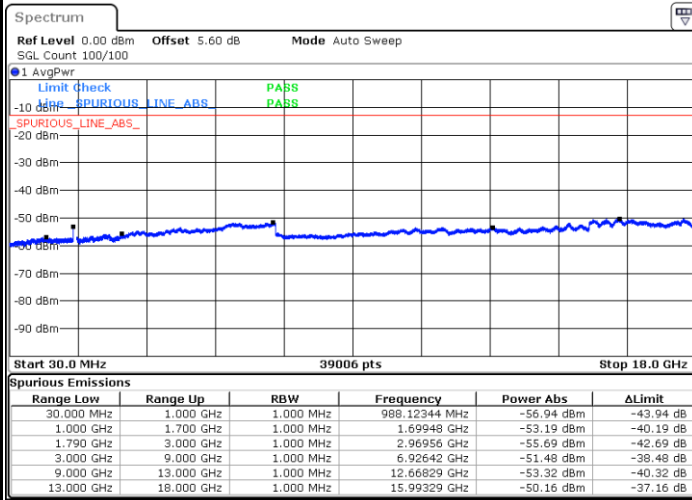


Date: 26.APR.2025 00:20:24



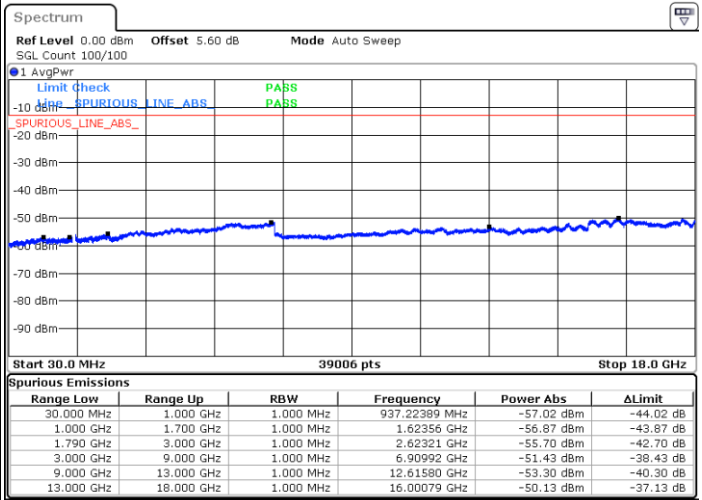
LTE Band 66 / 15MHz

Lowest Channel / QPSK



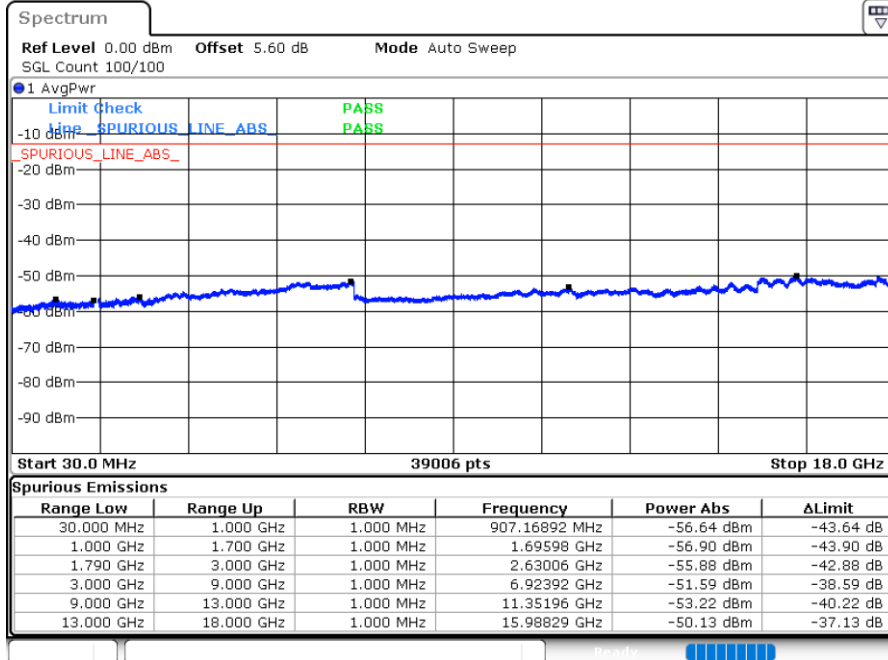
Date: 26.APR.2025 00:27:56

Middle Channel / QPSK



Date: 26.APR.2025 00:35:29

Highest Channel / QPSK

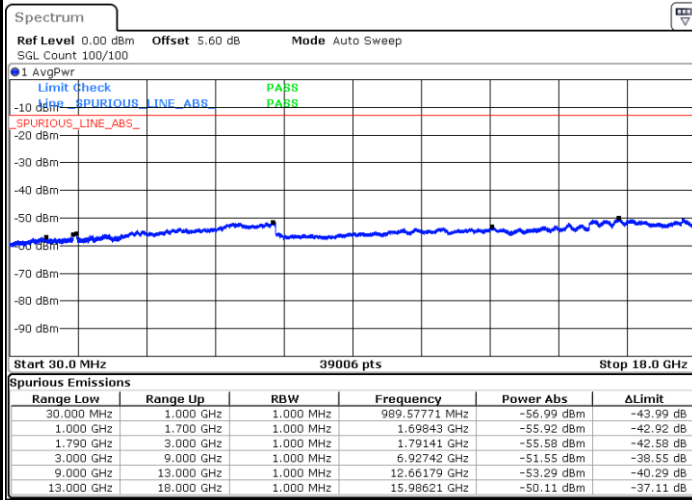


Date: 26.APR.2025 00:37:30



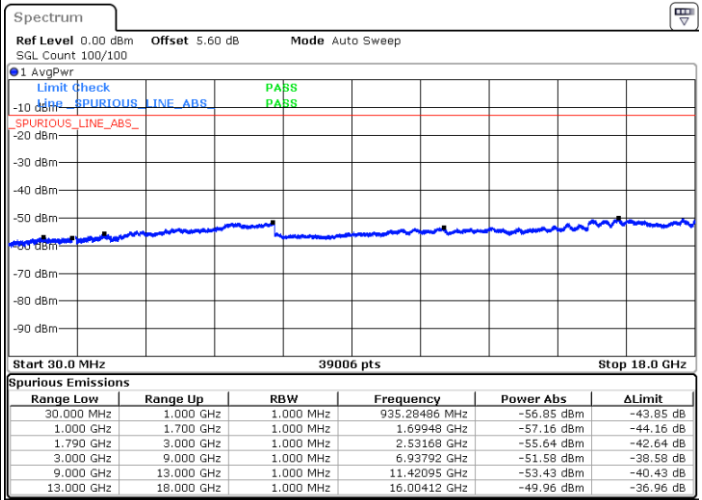
LTE Band 66 / 20MHz

Lowest Channel / QPSK



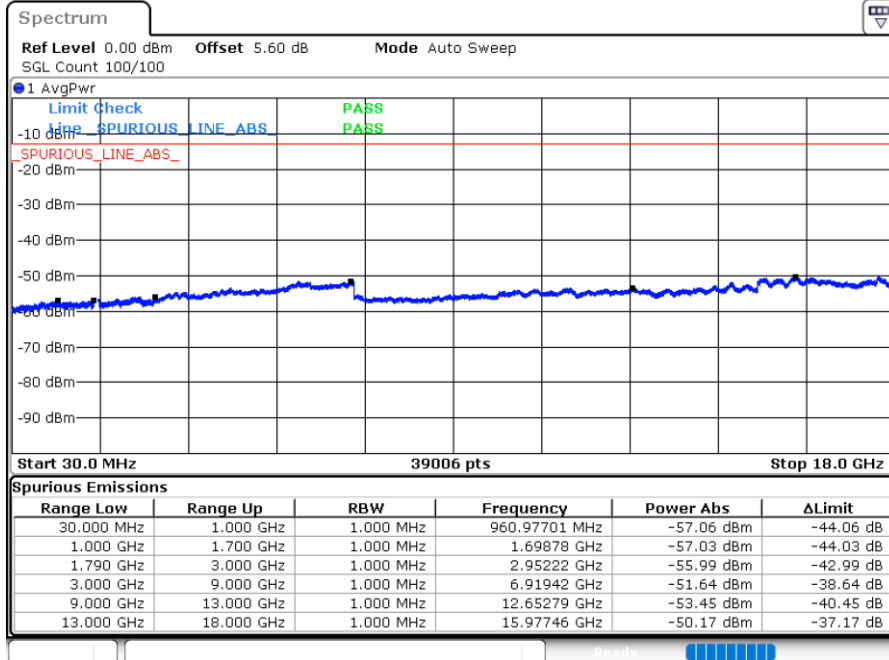
Date: 26.APR.2025 00:45:03

Middle Channel / QPSK



Date: 26.APR.2025 00:52:36

Highest Channel / QPSK



Date: 26.APR.2025 01:11:37

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	0.0011	PASS
40	Normal Voltage	0.0036	
30	Normal Voltage	0.0078	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0062	
0	Normal Voltage	0.0005	
-10	Normal Voltage	0.0049	
-20	Normal Voltage	0.0067	
-30	Normal Voltage	0.0095	
20	Maximum Voltage	0.0010	
20	Normal Voltage	0.0023	
20	Battery End Point	0.0081	

Note:

3. Normal Voltage =3.91 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.5 V.
4. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Jake	Temperature :	22~25°C
		Relative Humidity :	50~53%

LTE Band 25 / 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)
Middle	3750	-56.69	-13	-43.69	-68.95	2.64	14.90	H
	5625	-55.61	-13	-42.61	-67.47	2.94	14.80	H
	7500	-52.98	-13	-39.98	-62.75	3.39	13.16	H
	3750	-55.92	-13	-42.92	-68.18	2.64	14.90	V
	5625	-55.83	-13	-42.83	-67.69	2.94	14.80	V
	7500	-53.10	-13	-40.10	-62.87	3.39	13.16	V

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

LTE Band 66 / 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)
Middle	3465	-57.65	-13	-44.65	-68.39	2.604	13.34	H
	5205	-55.17	-13	-42.17	-65.68	3.011	13.52	H
	6945	-54.29	-13	-41.29	-64.49	3.271	13.47	H
	3465	-57.97	-13	-44.97	-68.71	2.604	13.34	V
	5205	-55.43	-13	-42.43	-65.94	3.011	13.52	V
	6945	-54.77	-13	-41.77	-64.97	3.271	13.47	V

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