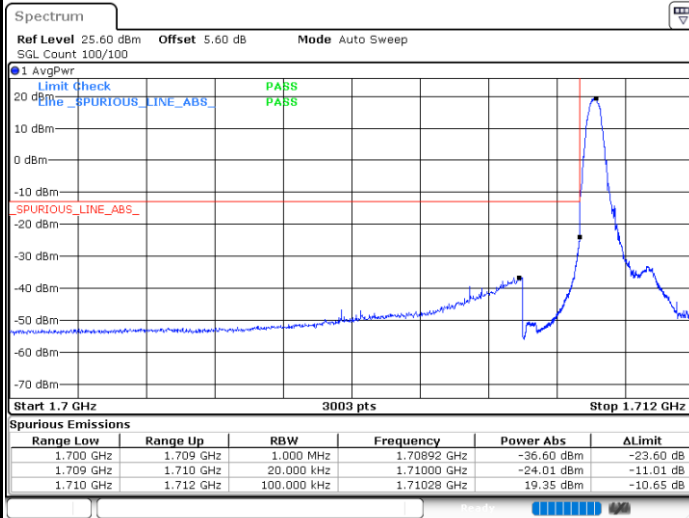


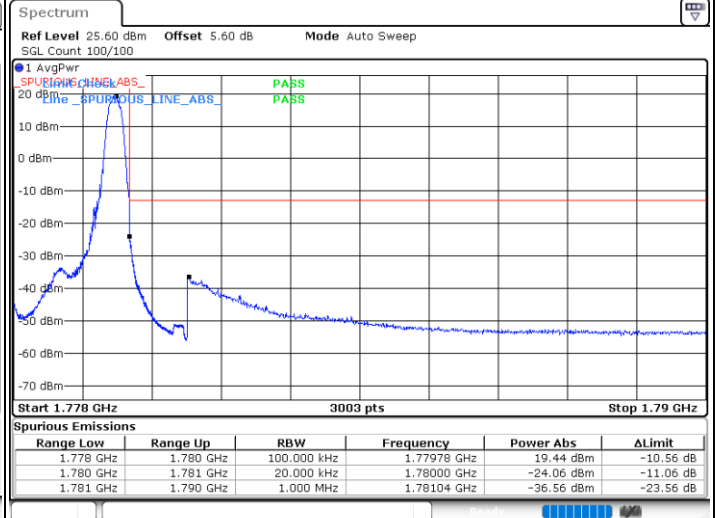


LTE Band 66 / 1.4MHz / 64QAM

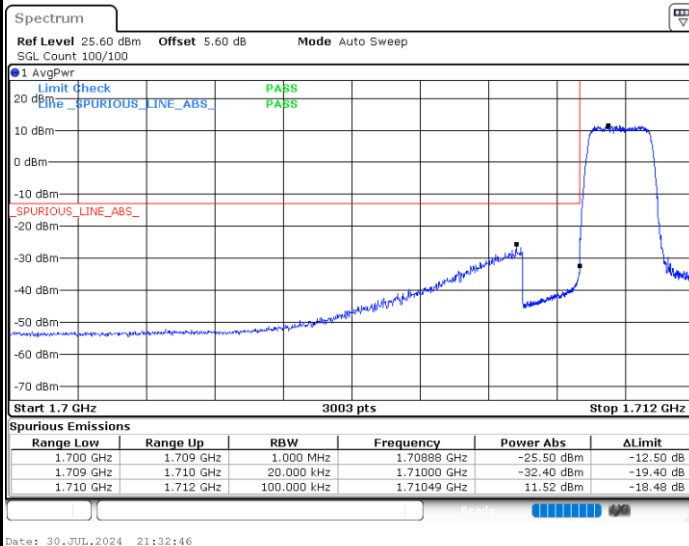
Lowest Band Edge / 1 RB



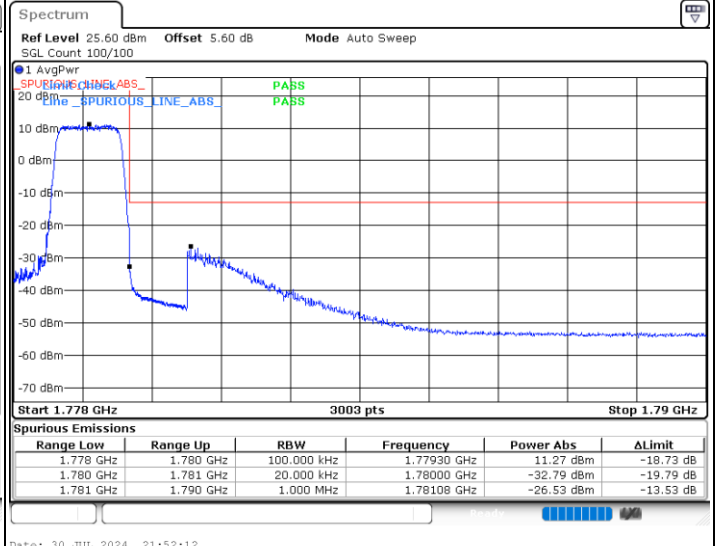
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



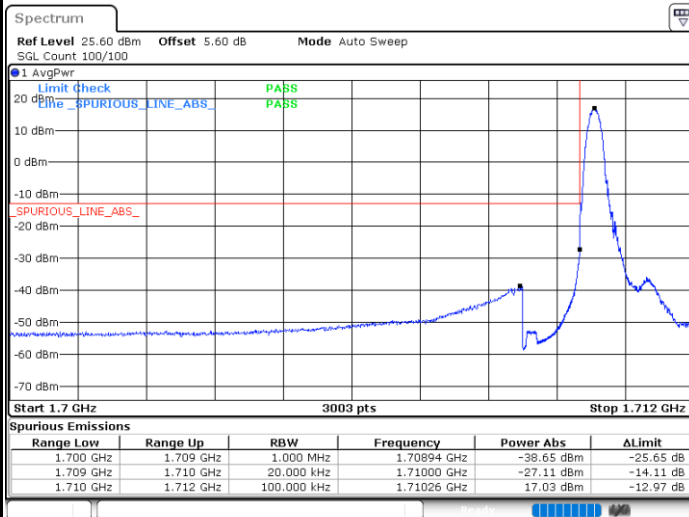
Highest Band Edge / Full RB



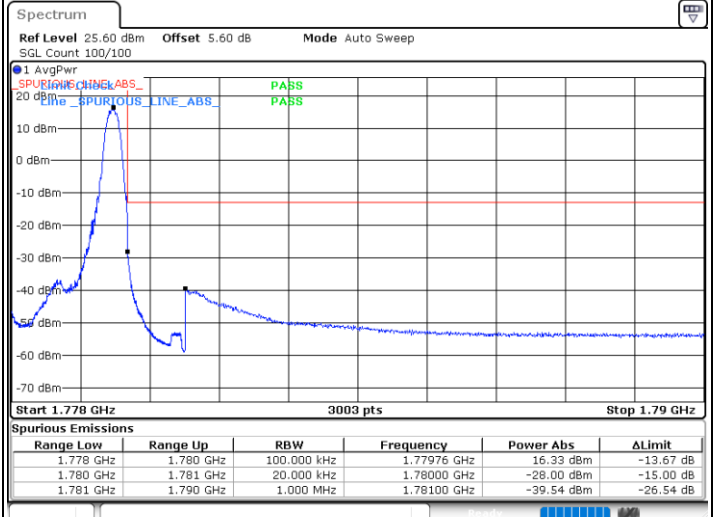


LTE Band 66 / 1.4MHz / 256QAM

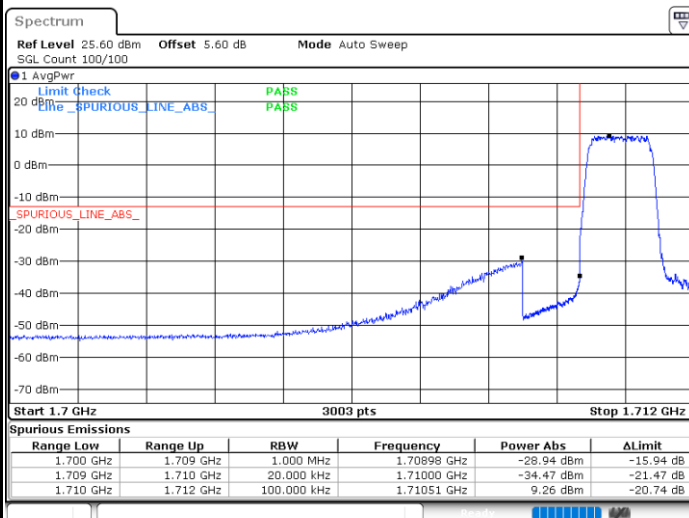
Lowest Band Edge / 1 RB



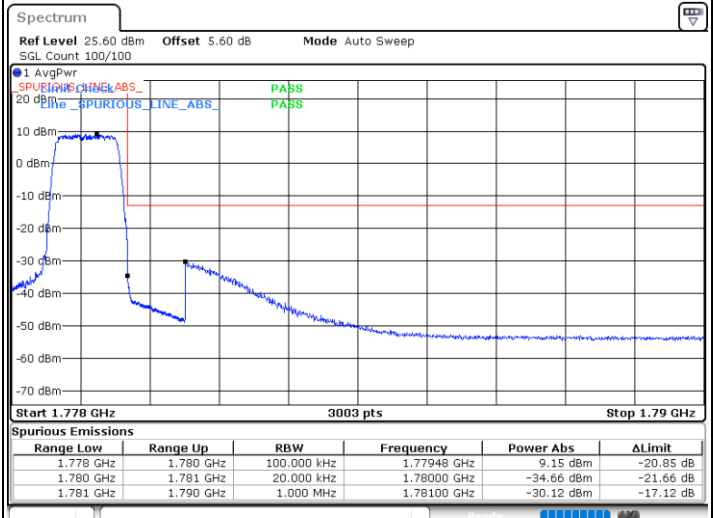
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



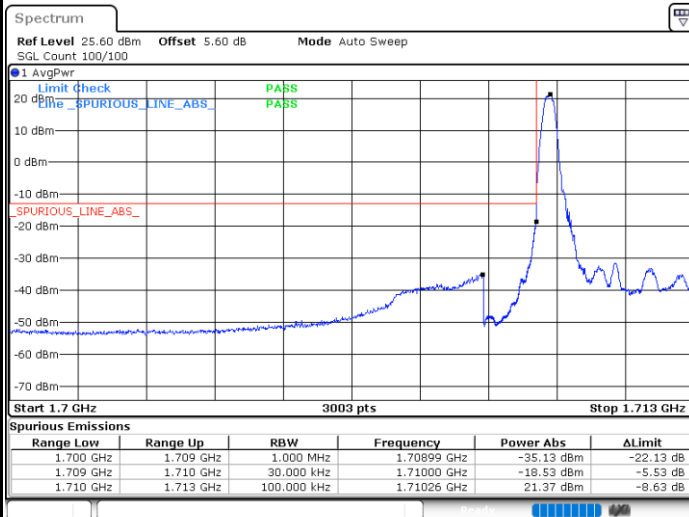
Highest Band Edge / Full RB



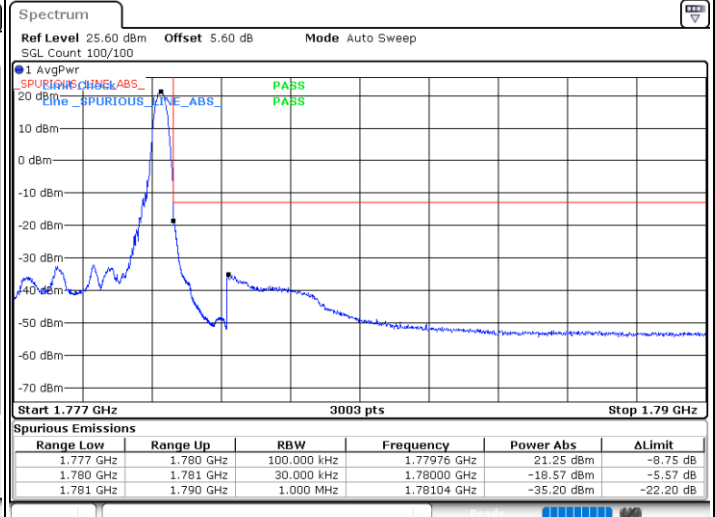


LTE Band 66 / 3MHz / QPSK

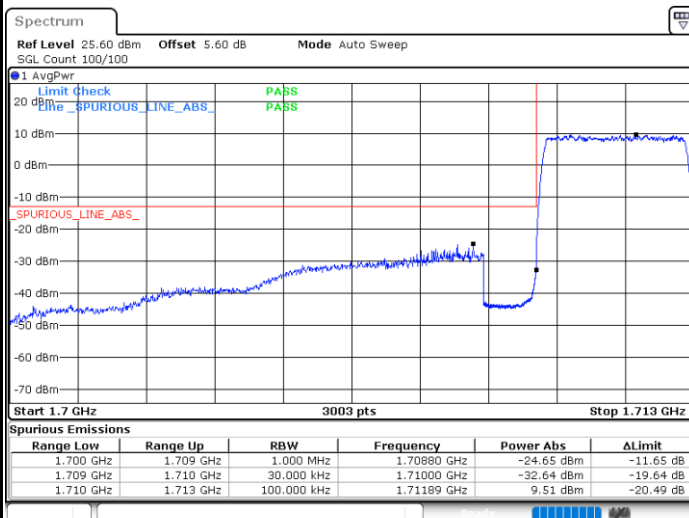
Lowest Band Edge / 1RB



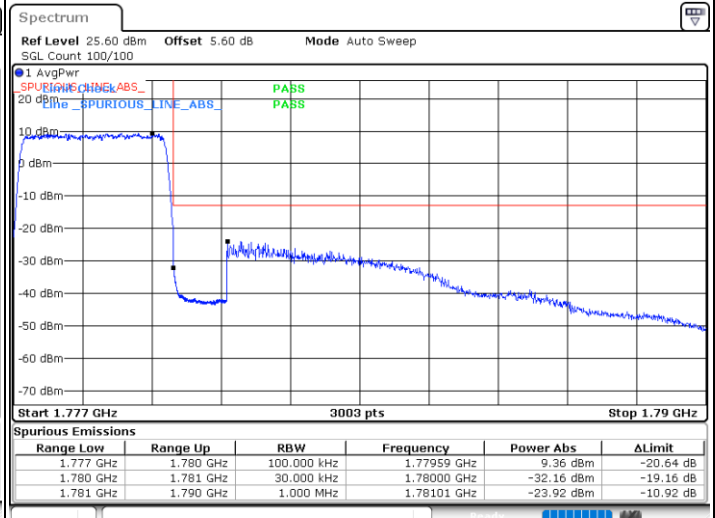
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



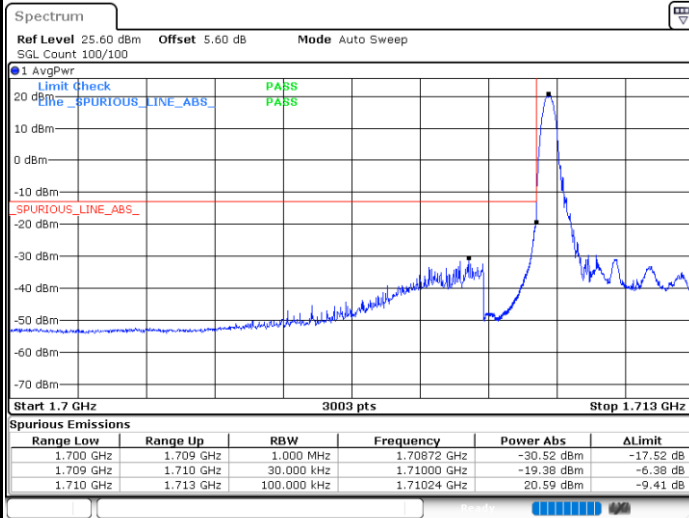
Highest Band Edge / Full RB



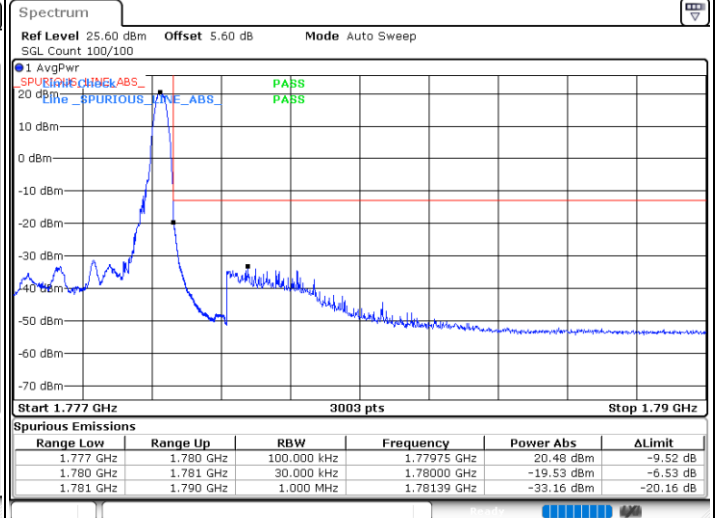


LTE Band 66 / 3MHz / 16QAM

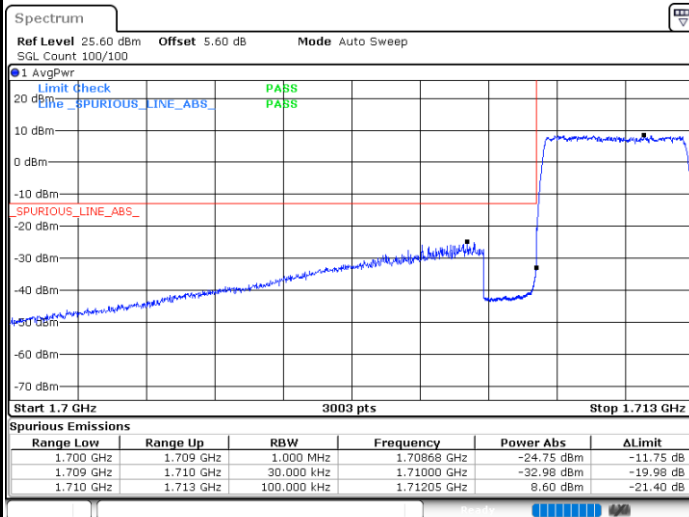
Lowest Band Edge / 1 RB



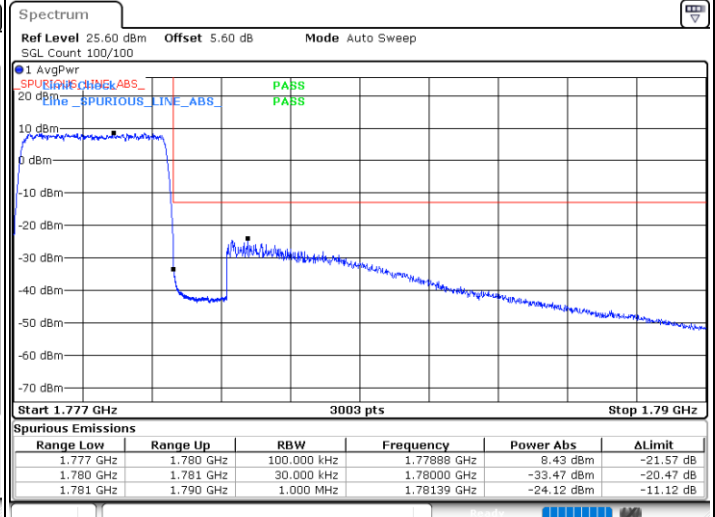
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



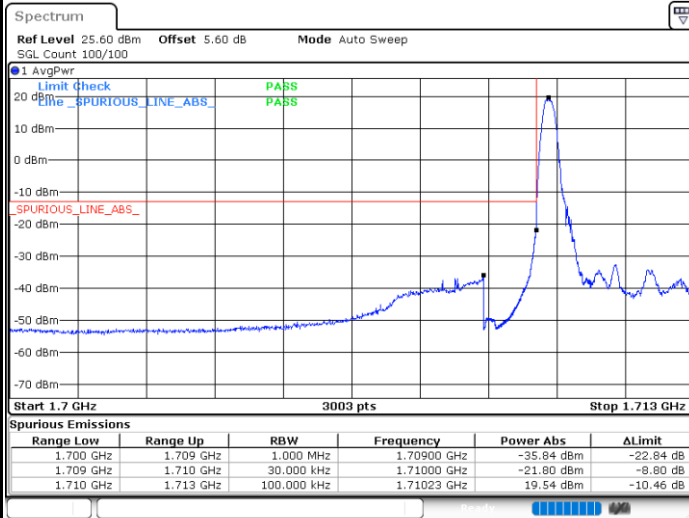
Highest Band Edge / Full RB



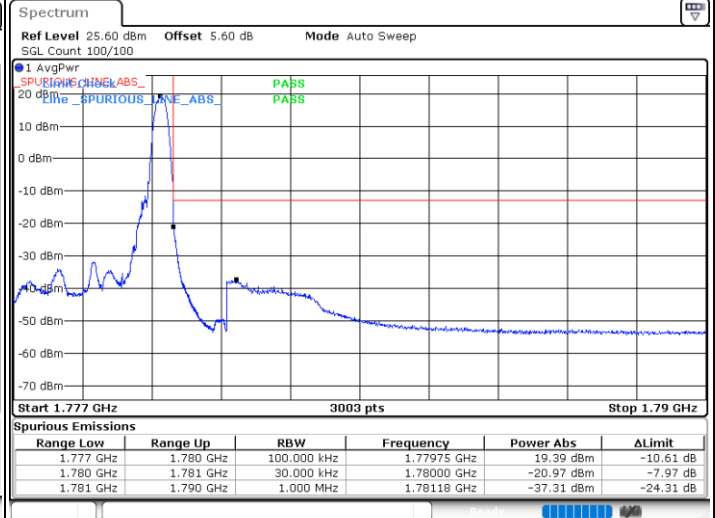


LTE Band 66 / 3MHz / 64QAM

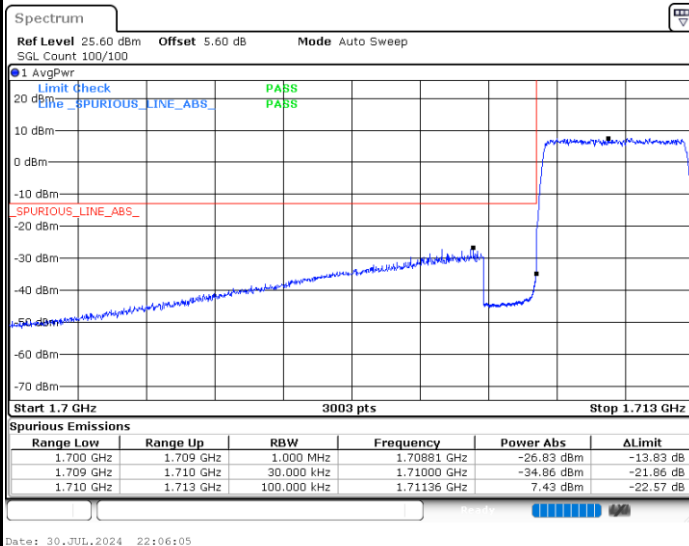
Lowest Band Edge / 1 RB



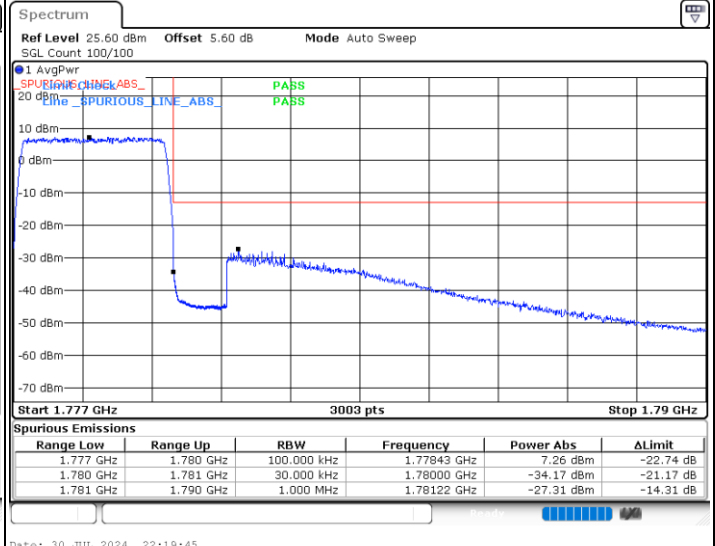
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



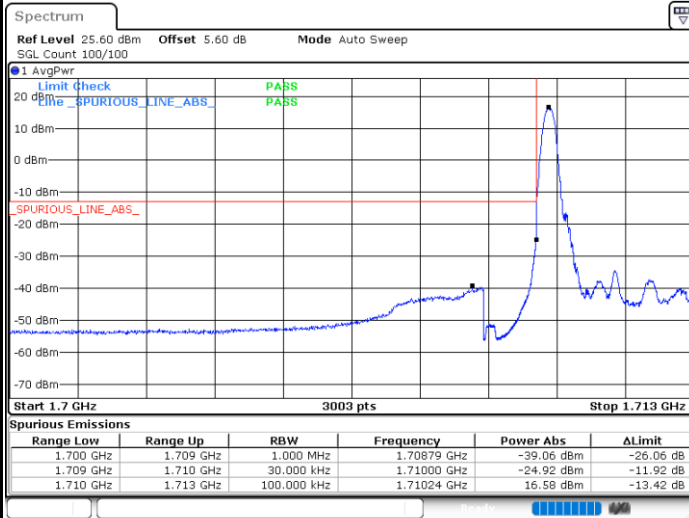
Highest Band Edge / Full RB



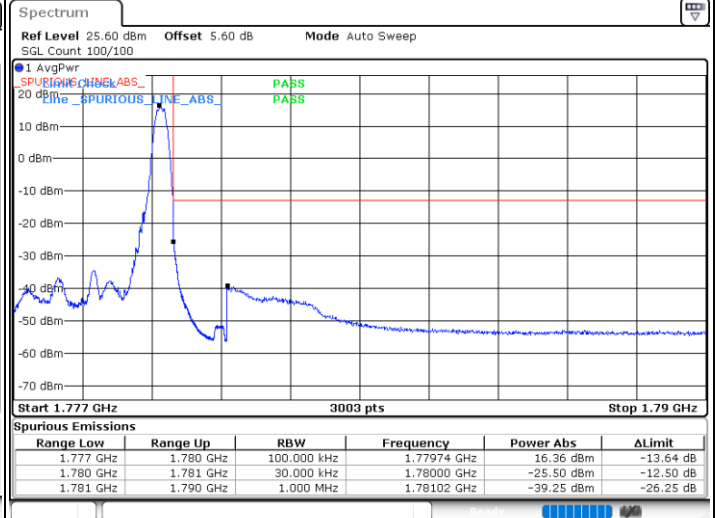


LTE Band 66 / 3MHz / 256QAM

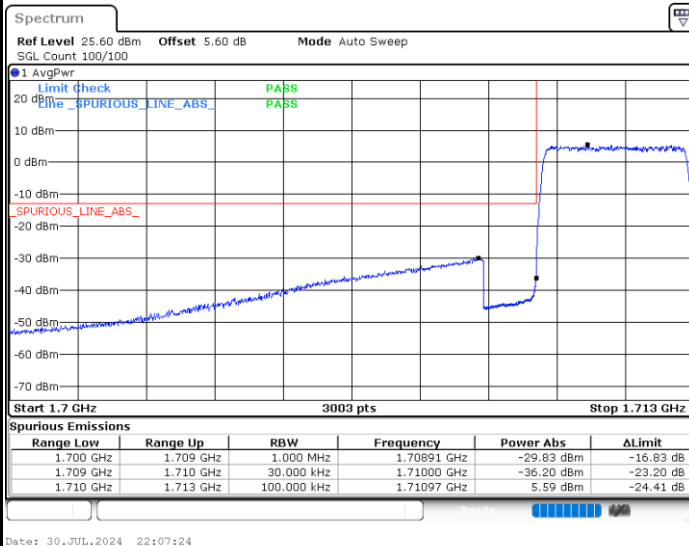
Lowest Band Edge / 1 RB



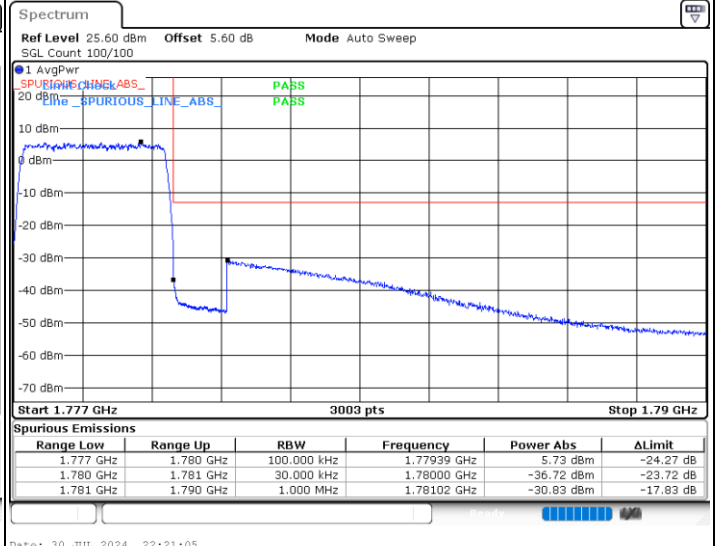
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



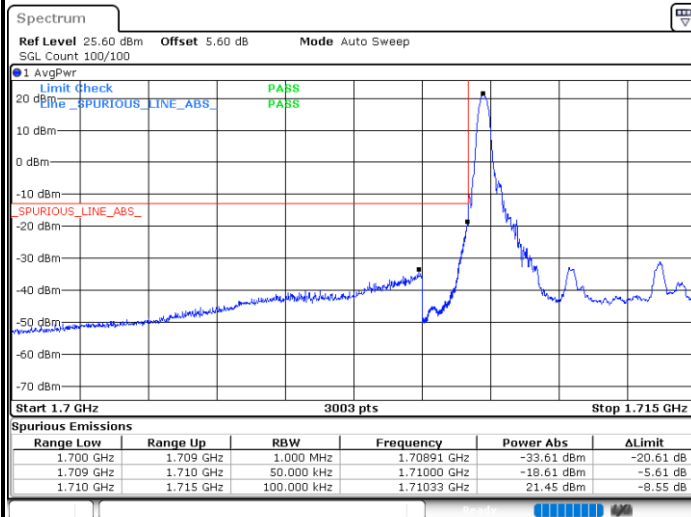
Highest Band Edge / Full RB



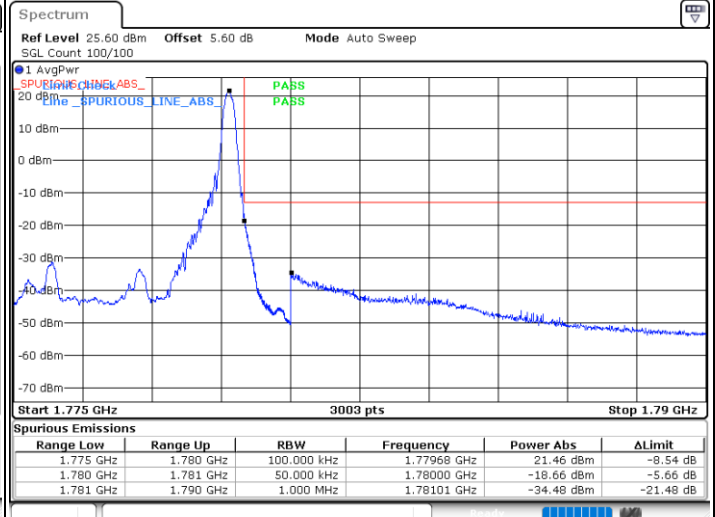


LTE Band 66 / 5MHz / QPSK

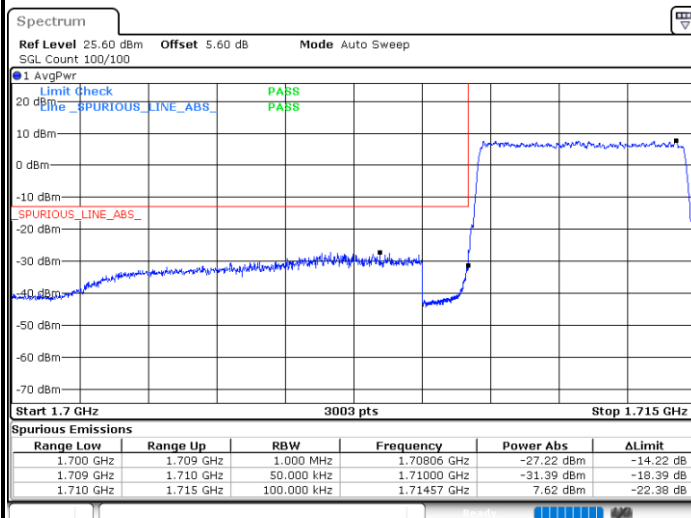
Lowest Band Edge / 1 RB



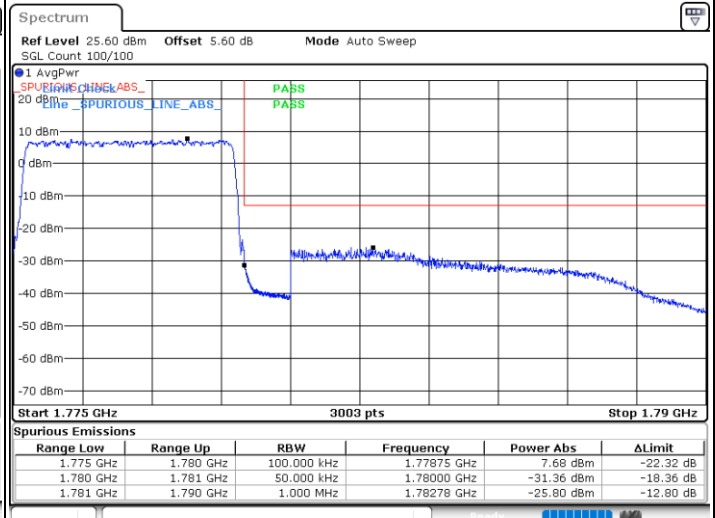
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



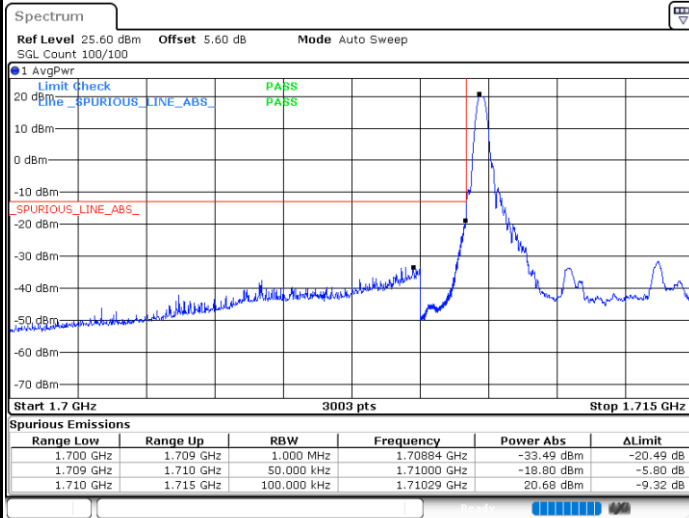
Highest Band Edge / Full RB



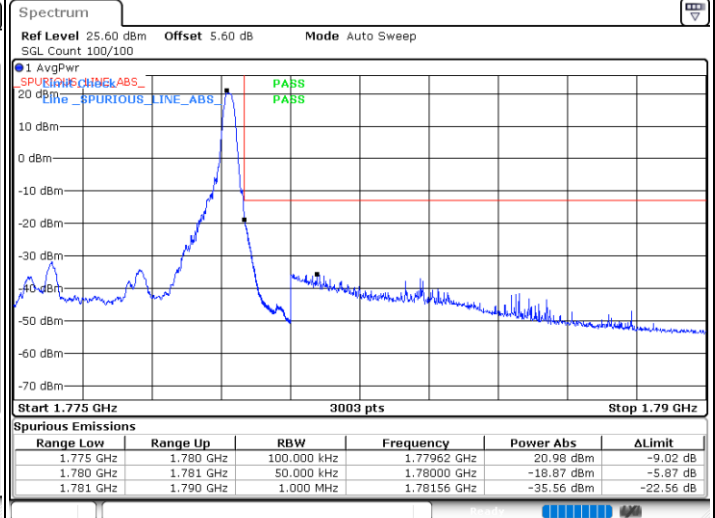


LTE Band 66 / 5MHz / 16QAM

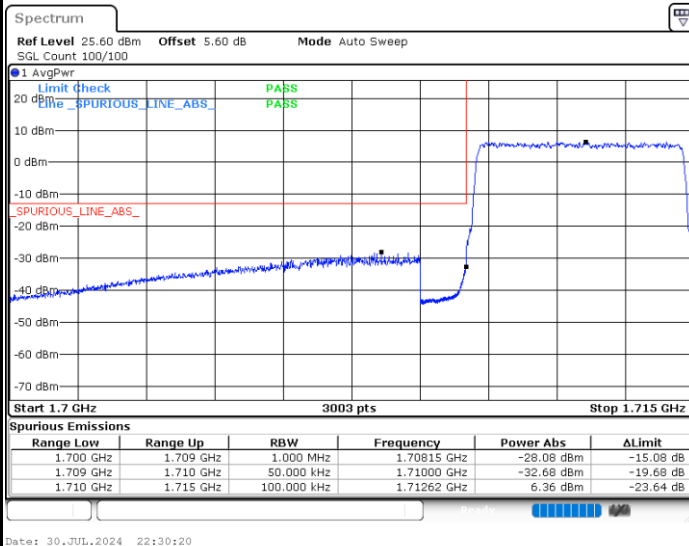
Lowest Band Edge / 1RB



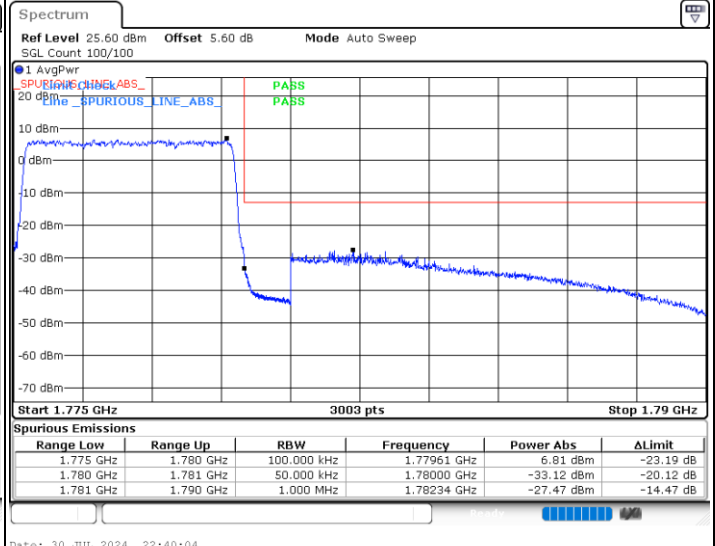
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



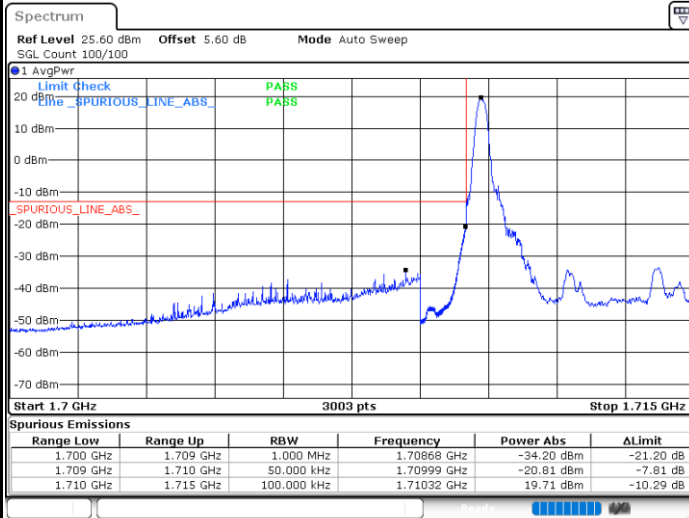
Highest Band Edge / Full RB



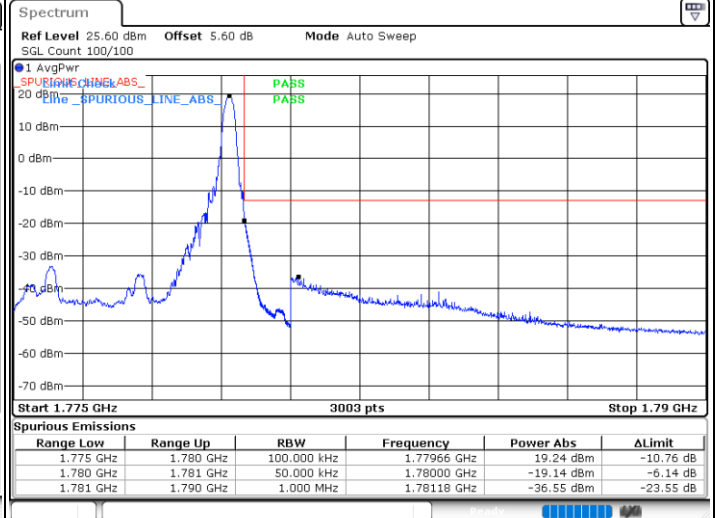


LTE Band 66 / 5MHz / 64QAM

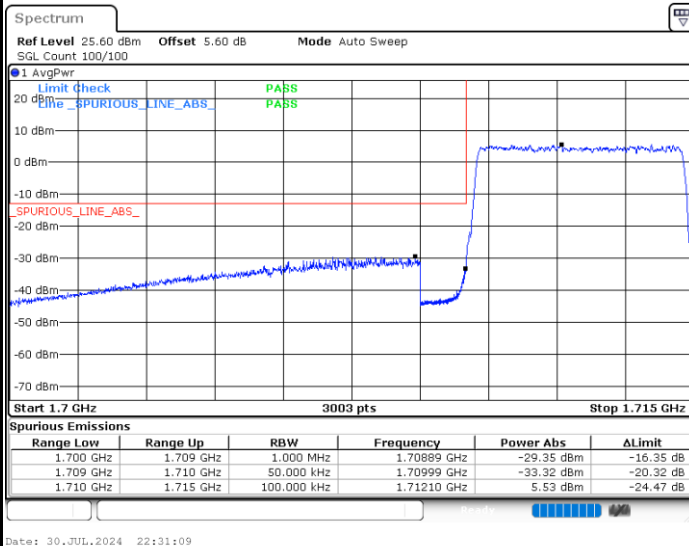
Lowest Band Edge / 1RB



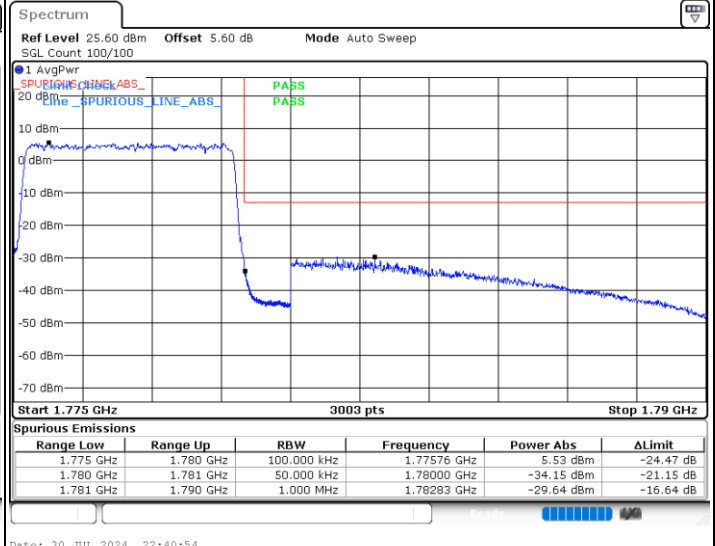
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



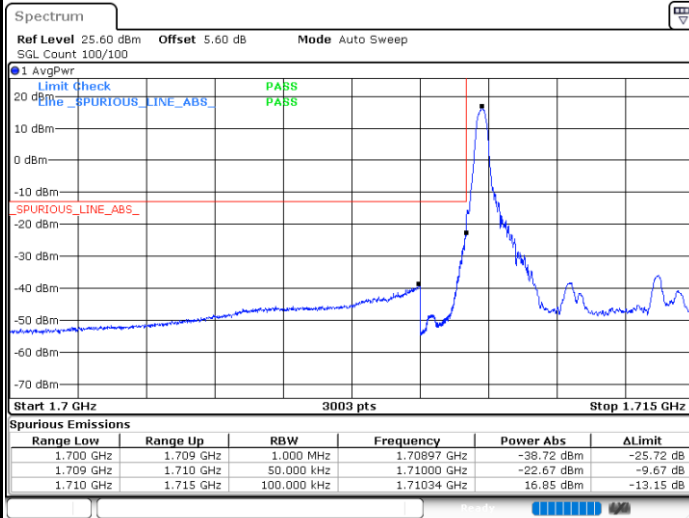
Highest Band Edge / Full RB



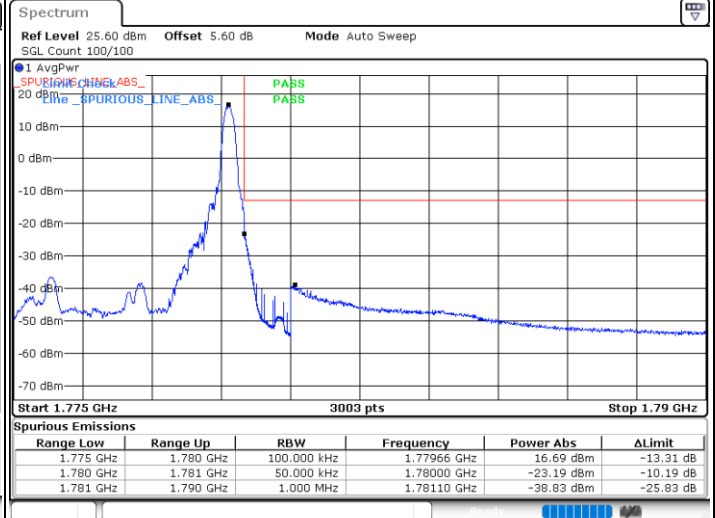


LTE Band 66 / 5MHz / 256QAM

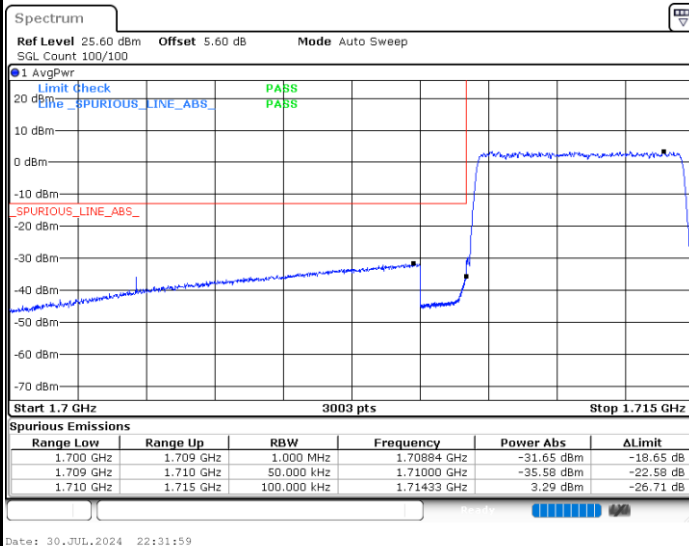
Lowest Band Edge / 1RB



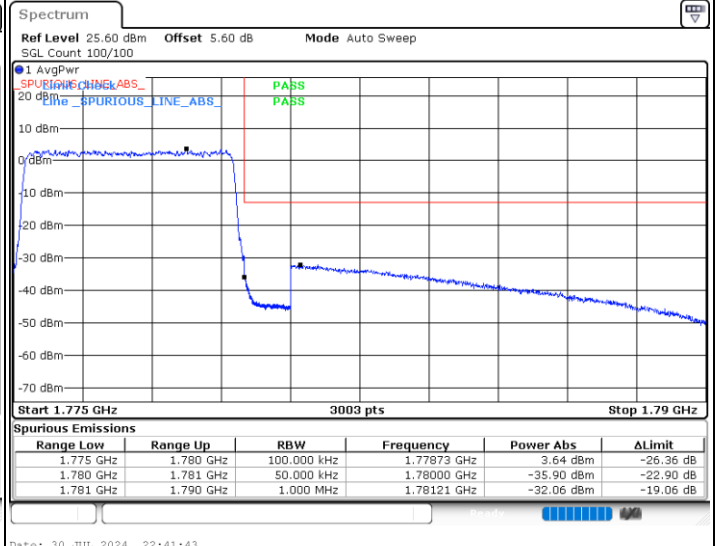
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



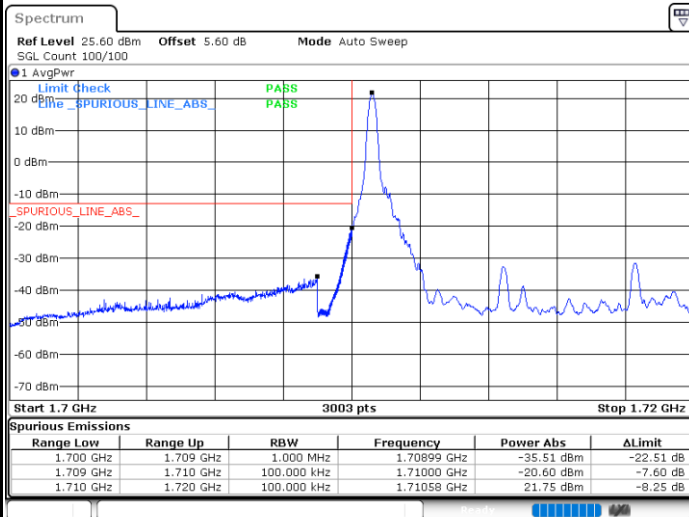
Highest Band Edge / Full RB



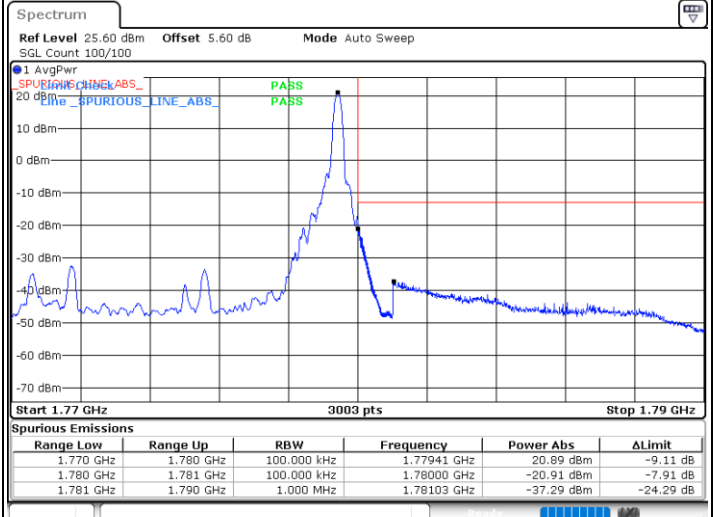


LTE Band 66 / 10MHz / QPSK

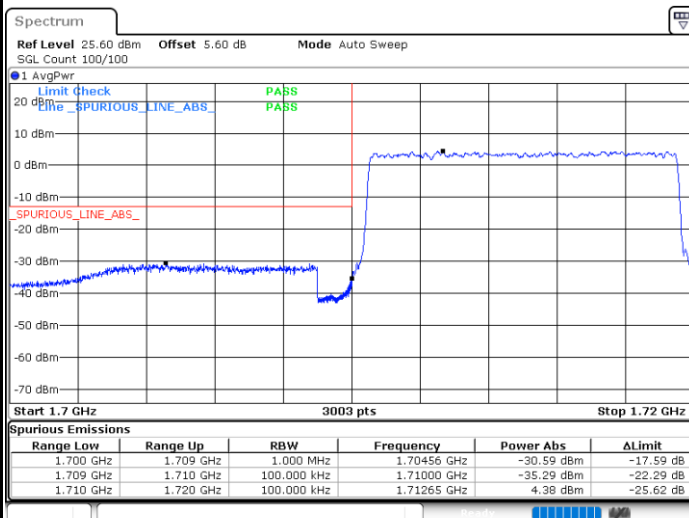
Lowest Band Edge / 1 RB



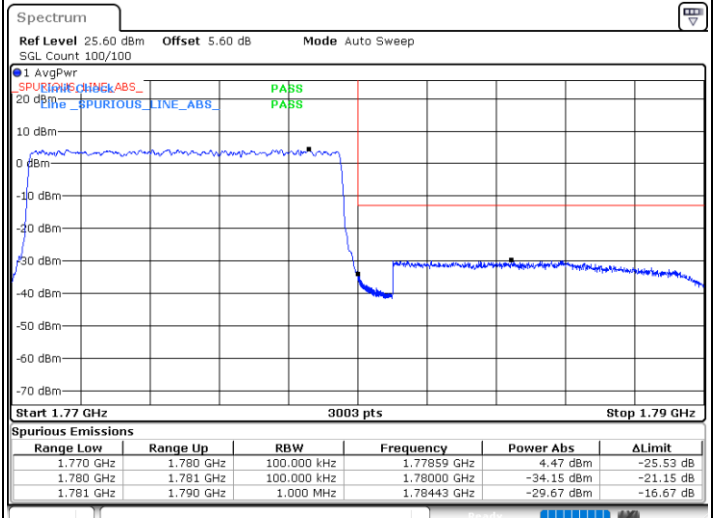
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



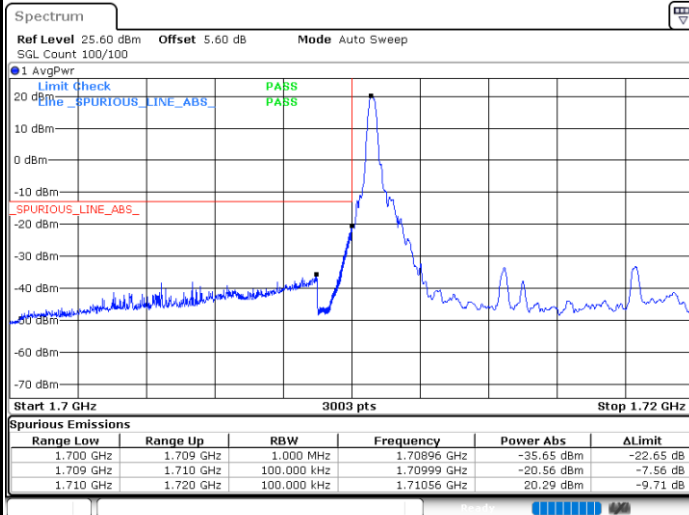
Highest Band Edge / Full RB



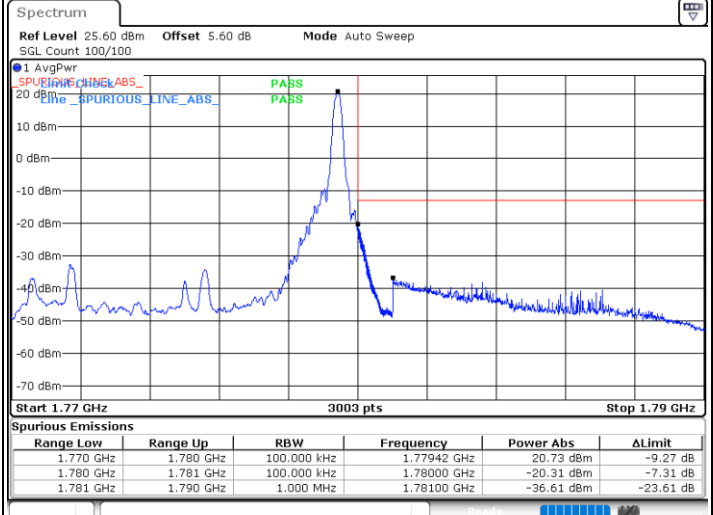


LTE Band 66 / 10MHz / 16QAM

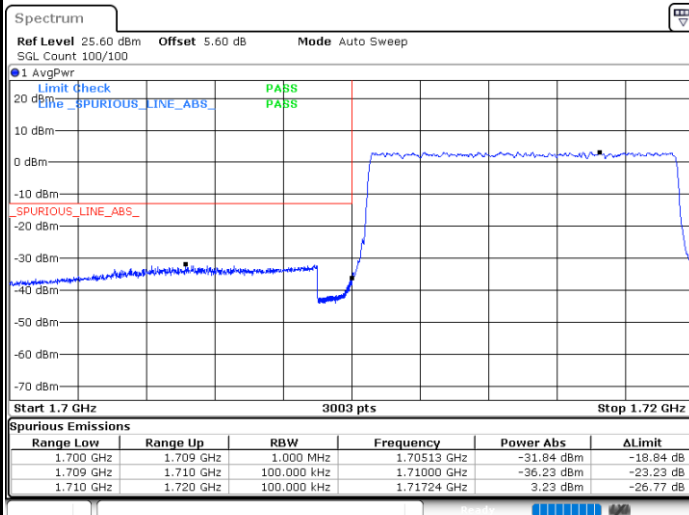
Lowest Band Edge / 1 RB



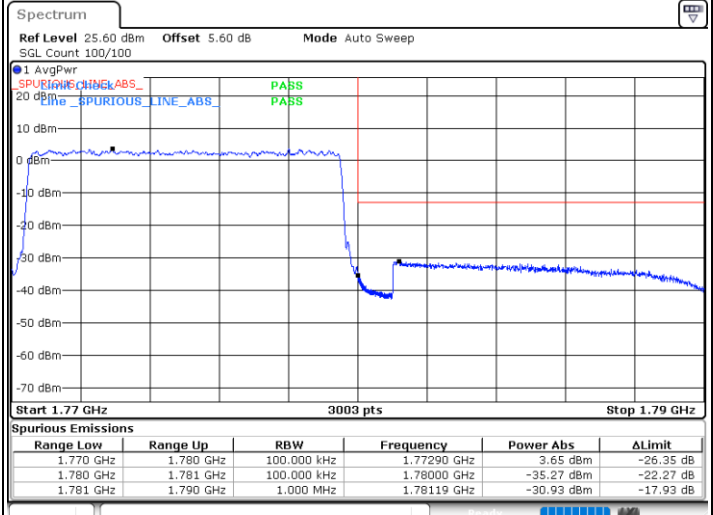
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



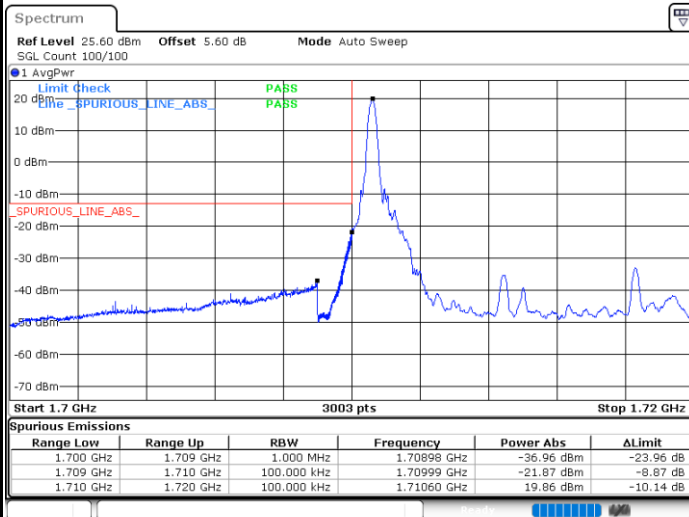
Highest Band Edge / Full RB



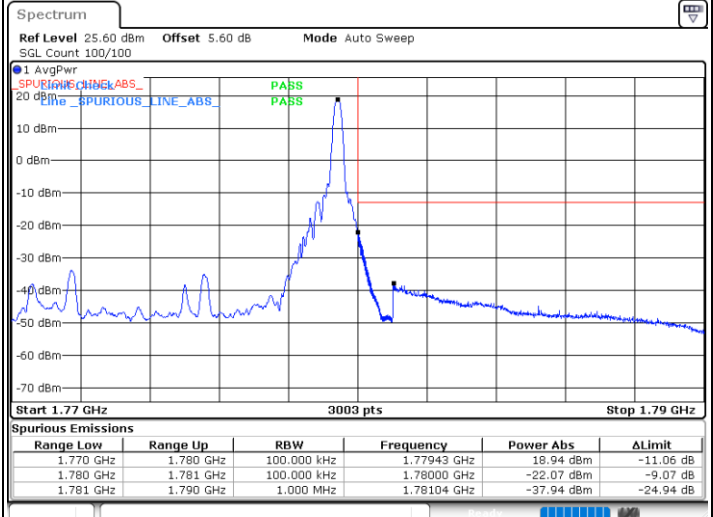


LTE Band 66 / 10MHz / 64QAM

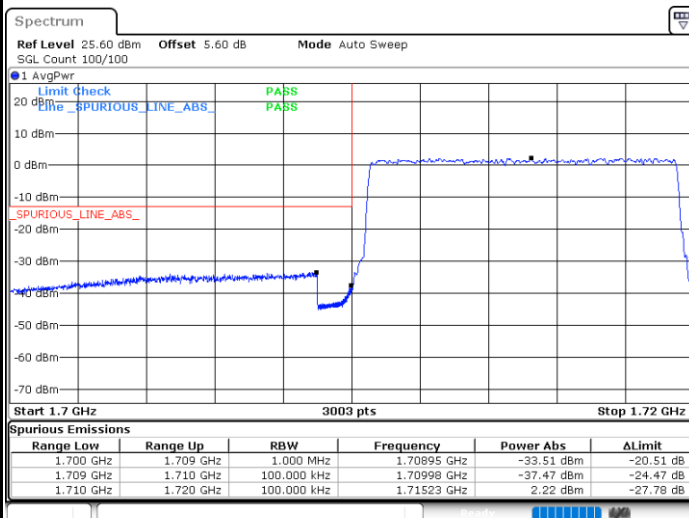
Lowest Band Edge / 1 RB



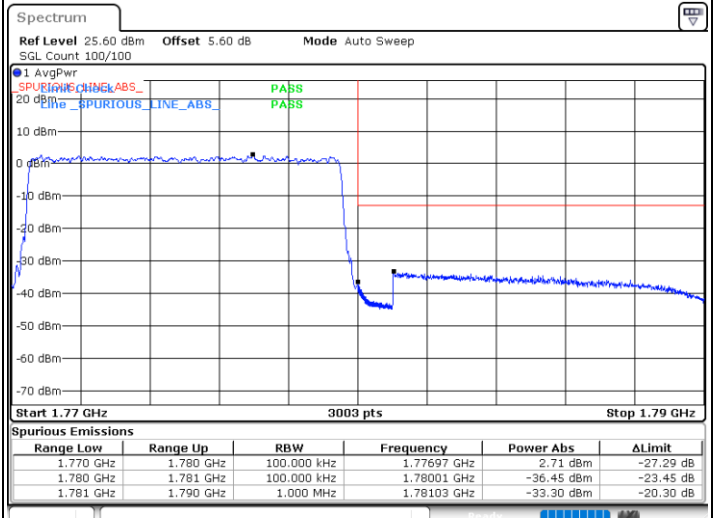
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



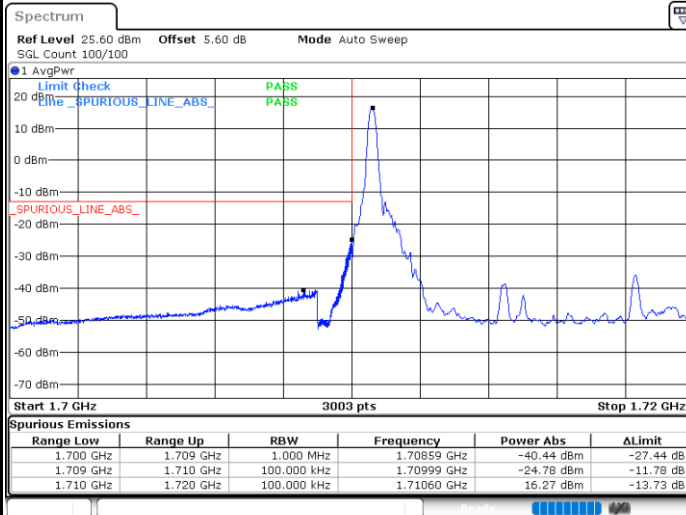
Highest Band Edge / Full RB



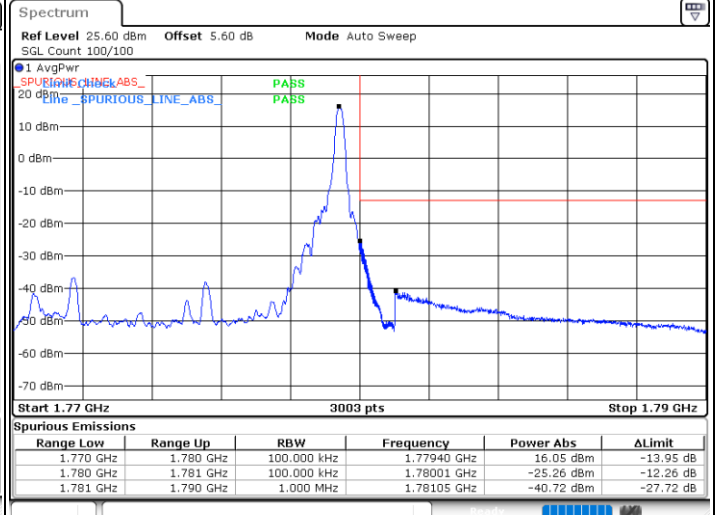


LTE Band 66 / 10MHz / 256QAM

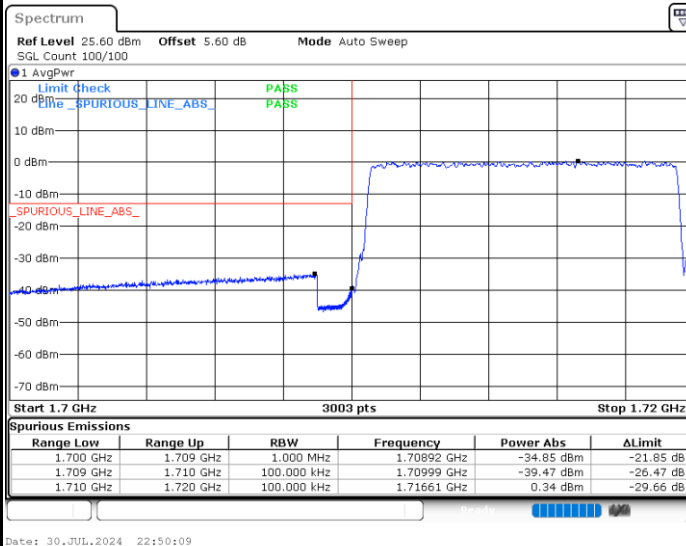
Lowest Band Edge / 1 RB



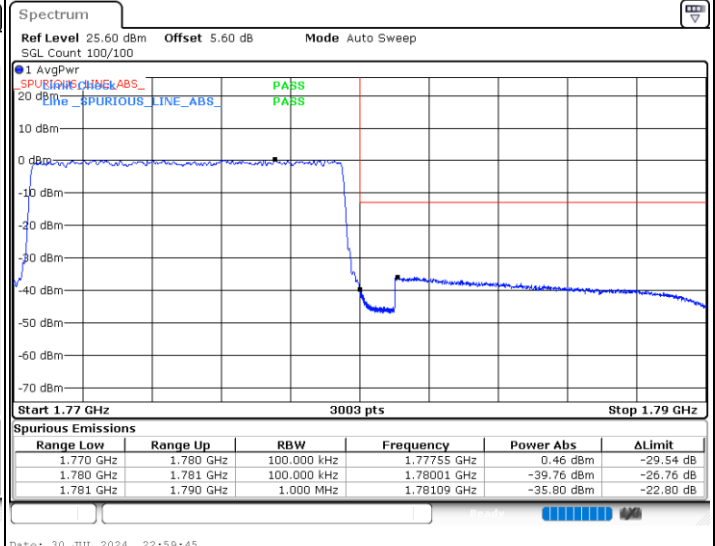
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



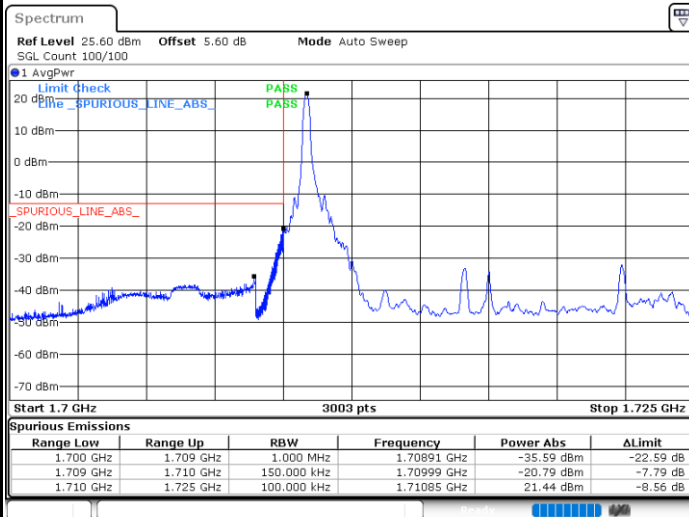
Highest Band Edge / Full RB



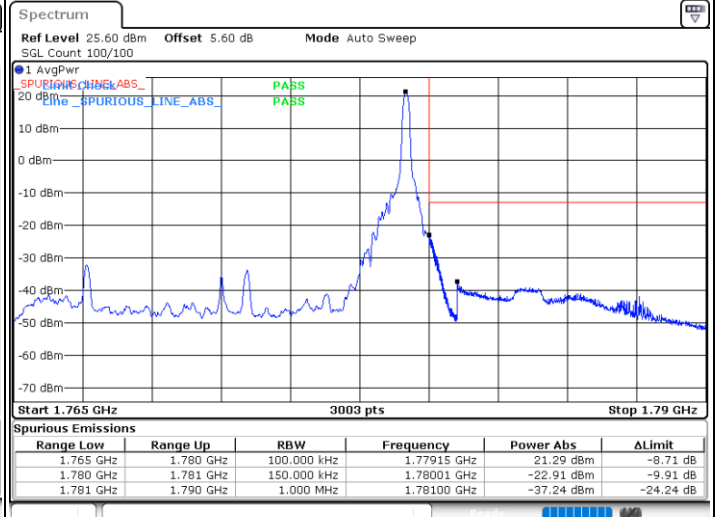


LTE Band 66 / 15MHz / QPSK

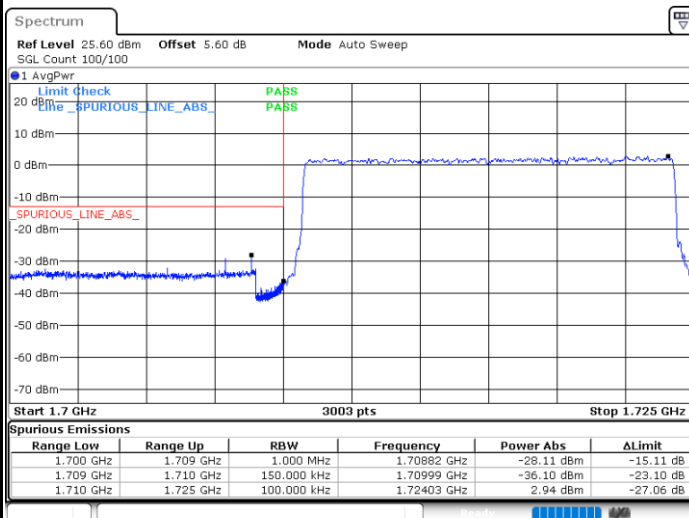
Lowest Band Edge / 1 RB



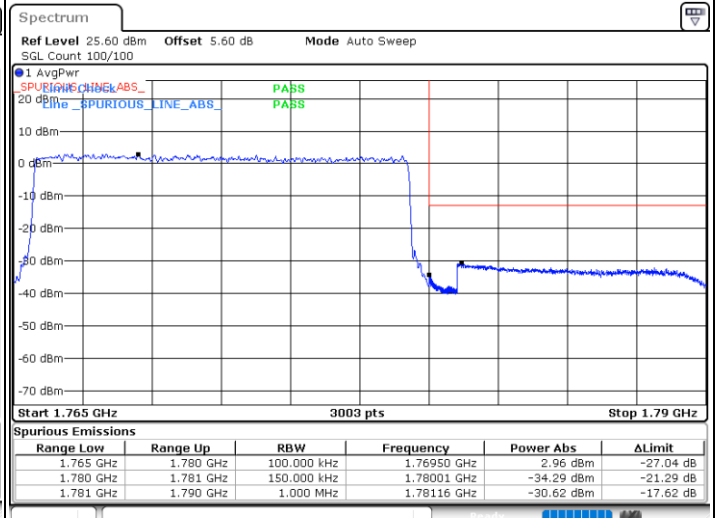
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



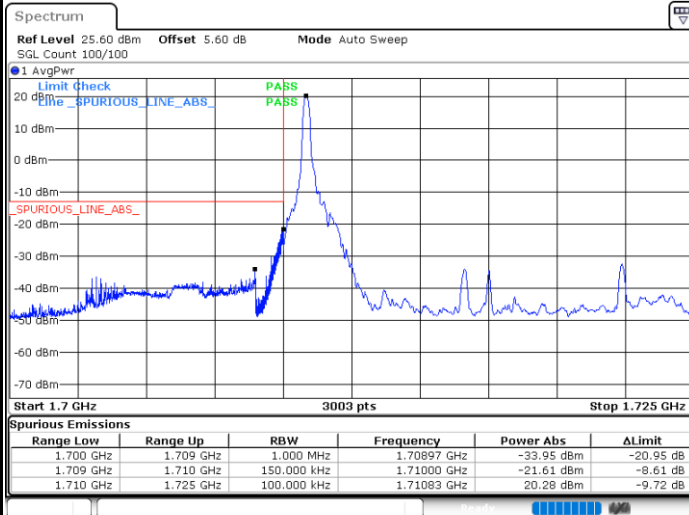
Highest Band Edge / Full RB



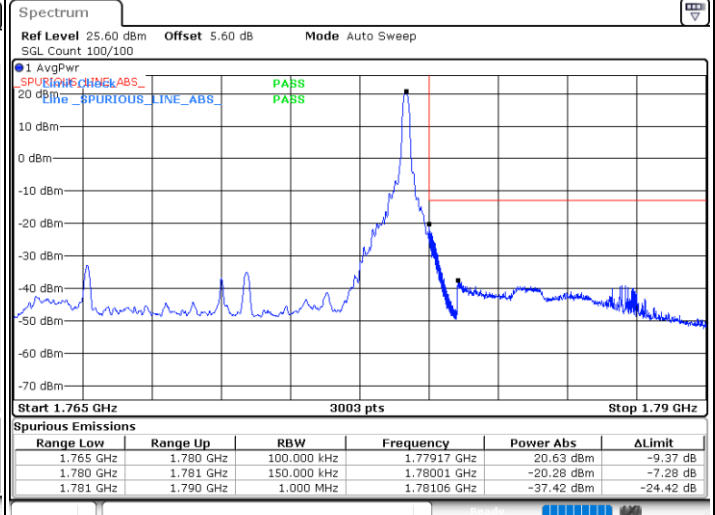


LTE Band 66 / 15MHz / 16QAM

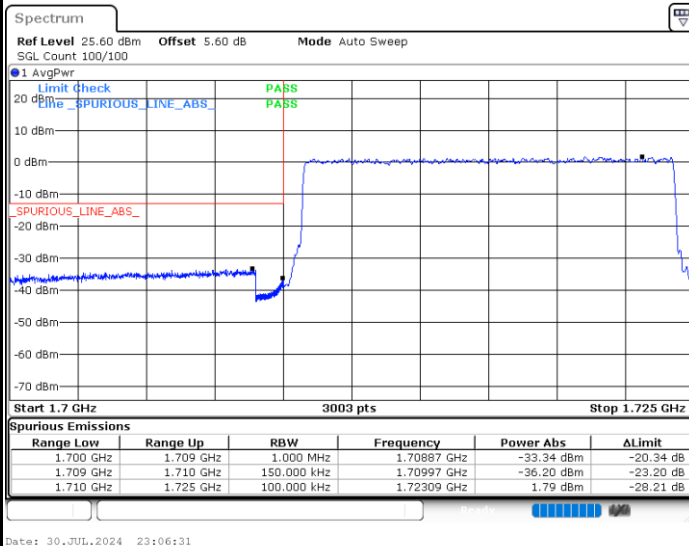
Lowest Band Edge / 1 RB



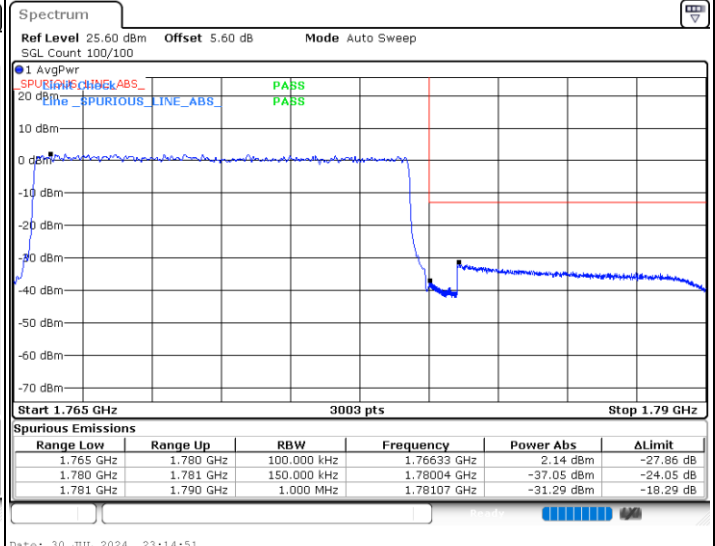
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



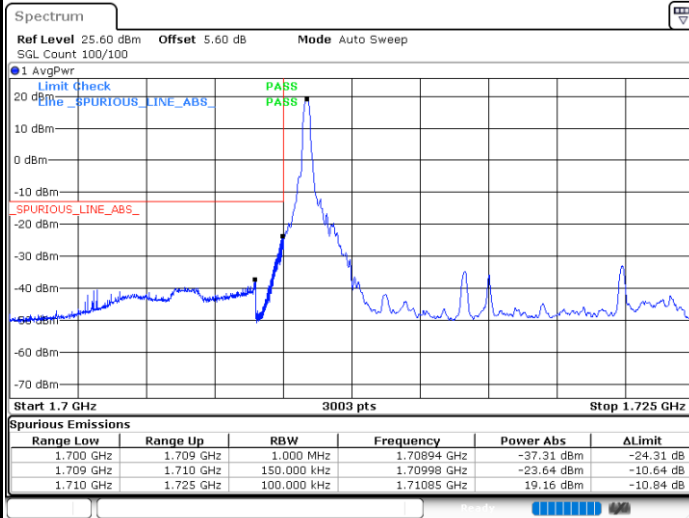
Highest Band Edge / Full RB



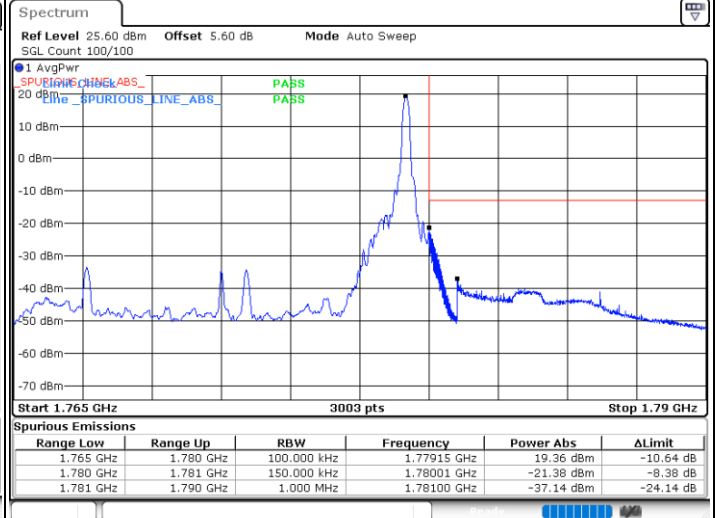


LTE Band 66 / 15MHz / 64QAM

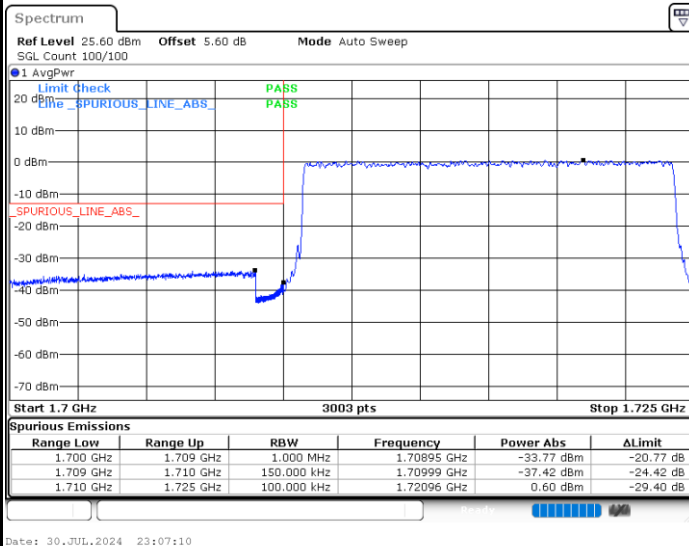
Lowest Band Edge / 1 RB



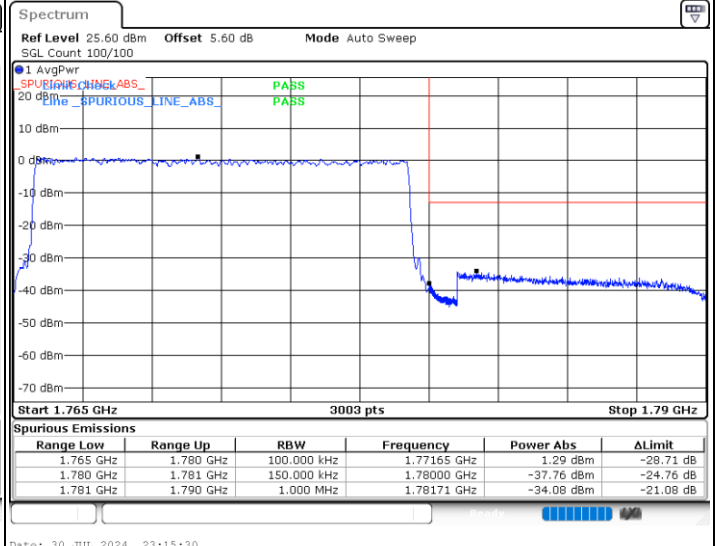
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



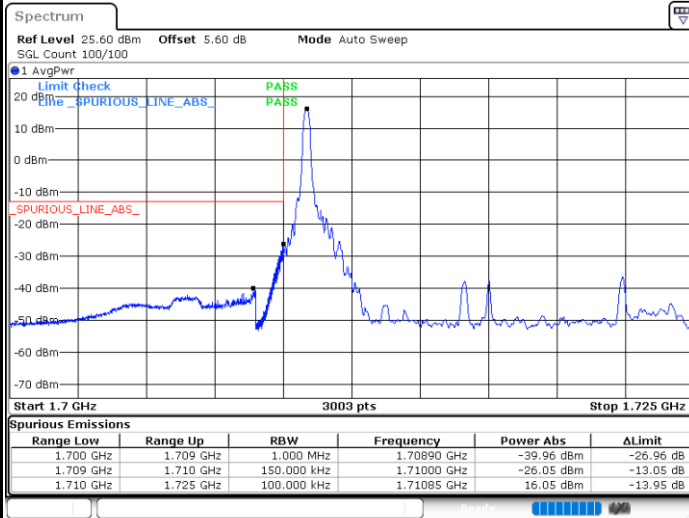
Highest Band Edge / Full RB



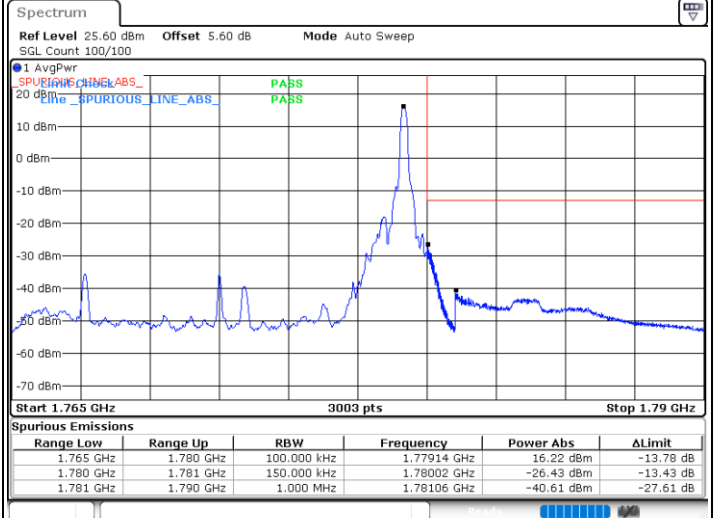


LTE Band 66 / 15MHz / 256QAM

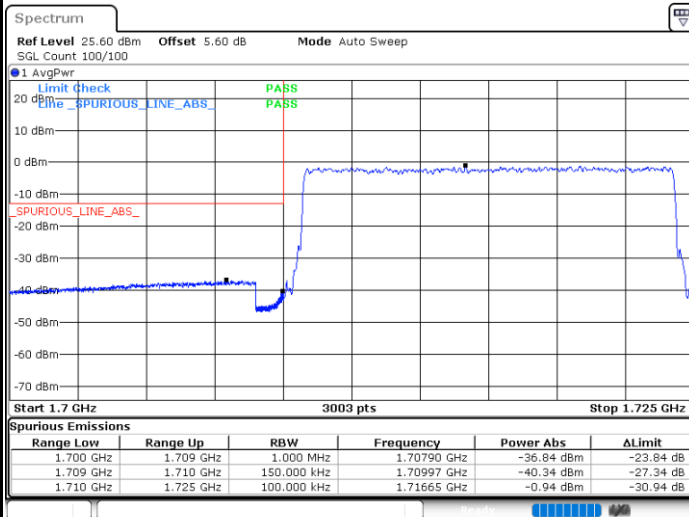
Lowest Band Edge / 1 RB



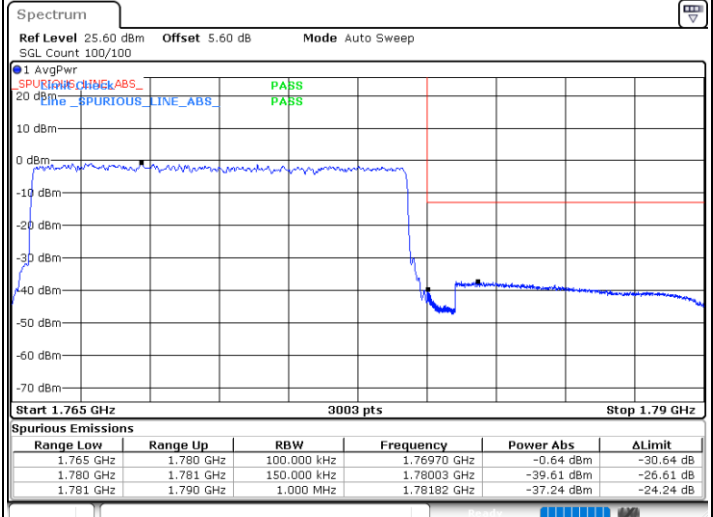
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



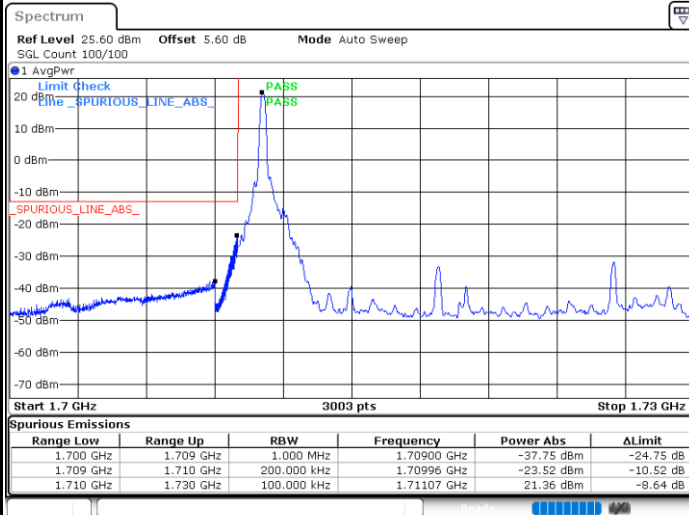
Highest Band Edge / Full RB



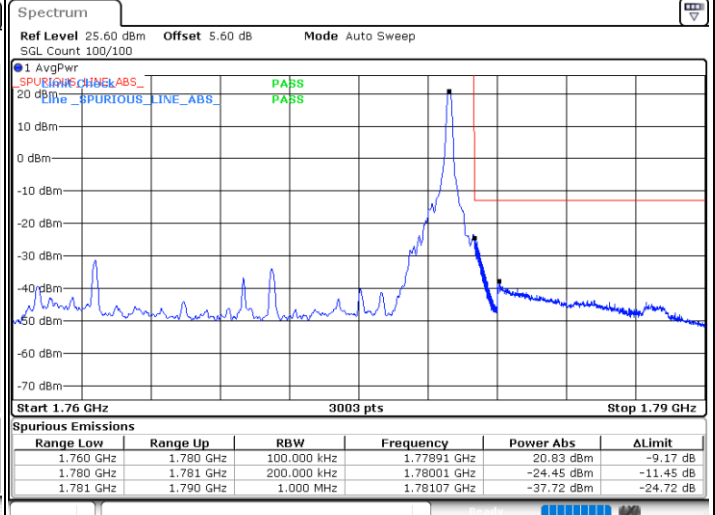


LTE Band 66 / 20MHz / QPSK

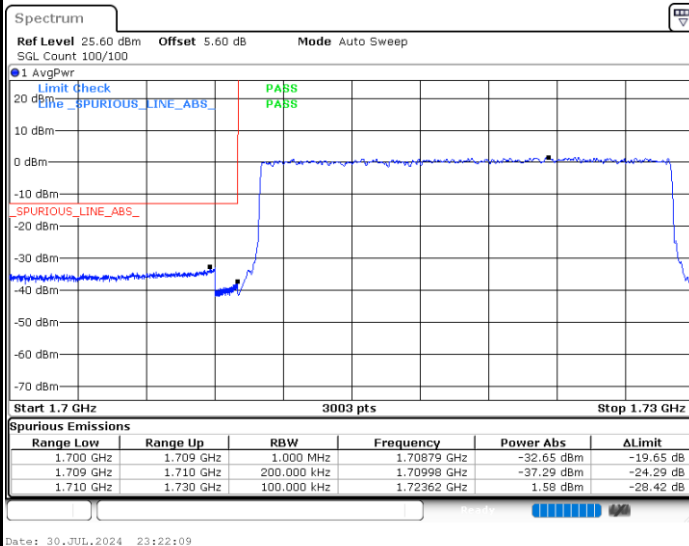
Lowest Band Edge / 1 RB



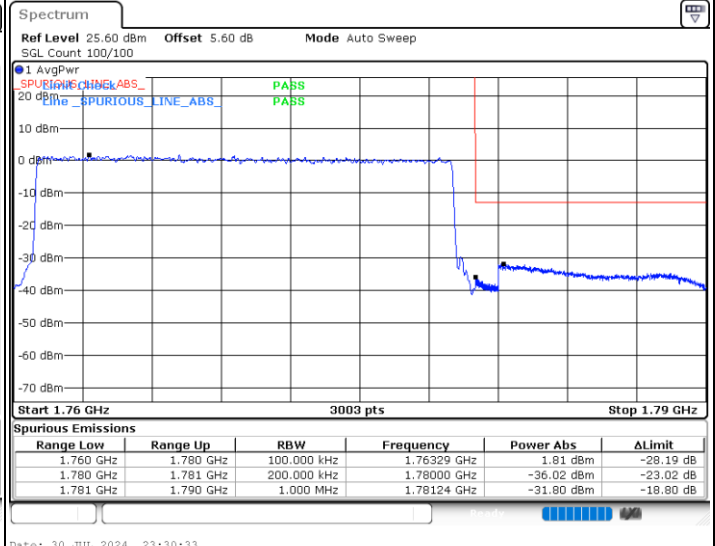
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



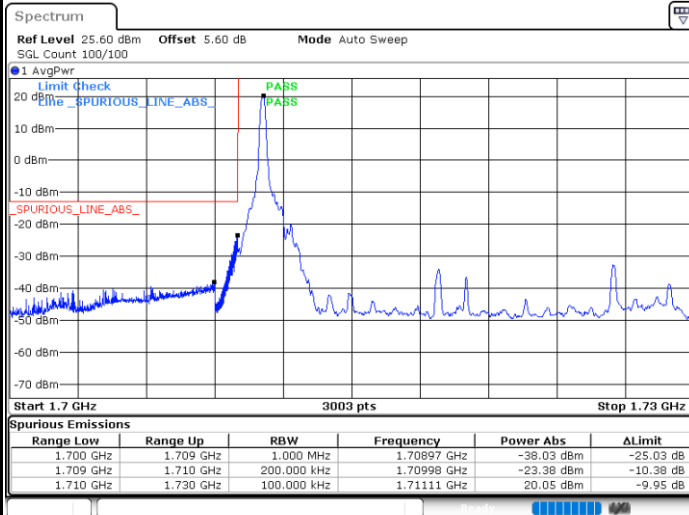
Highest Band Edge / Full RB



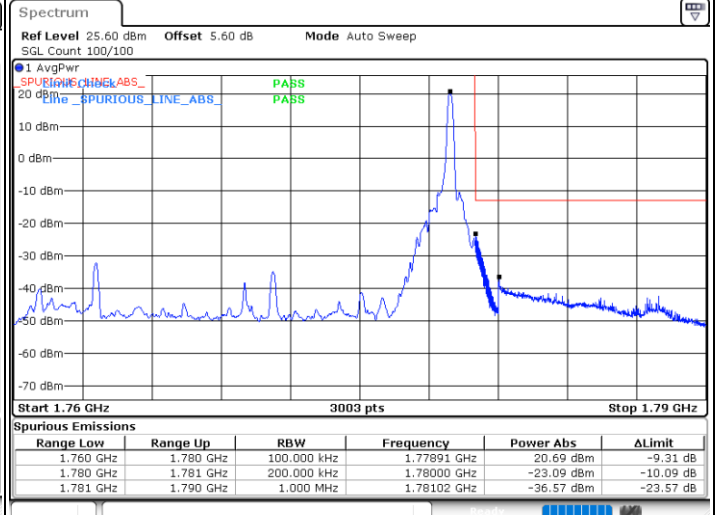


LTE Band 66 / 20MHz / 16QAM

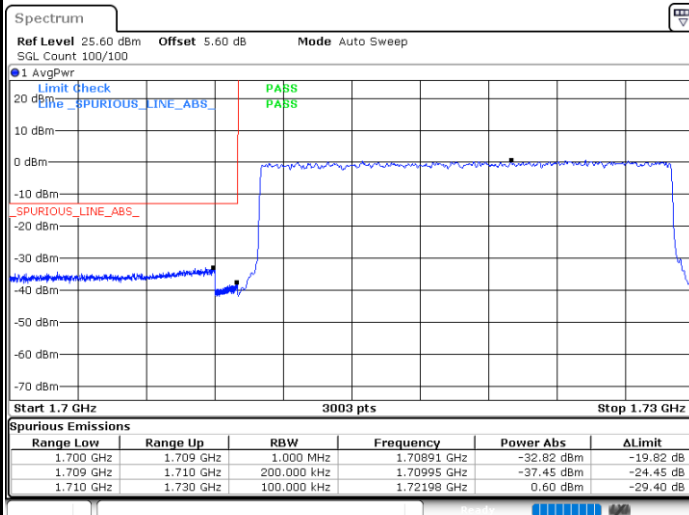
Lowest Band Edge / 1 RB



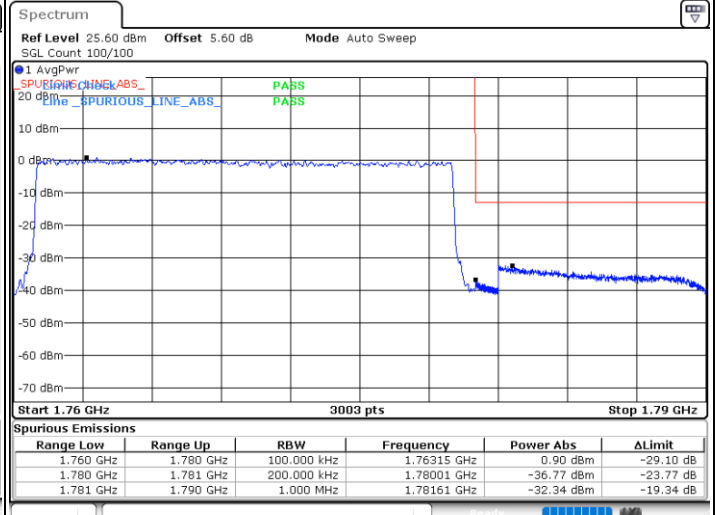
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



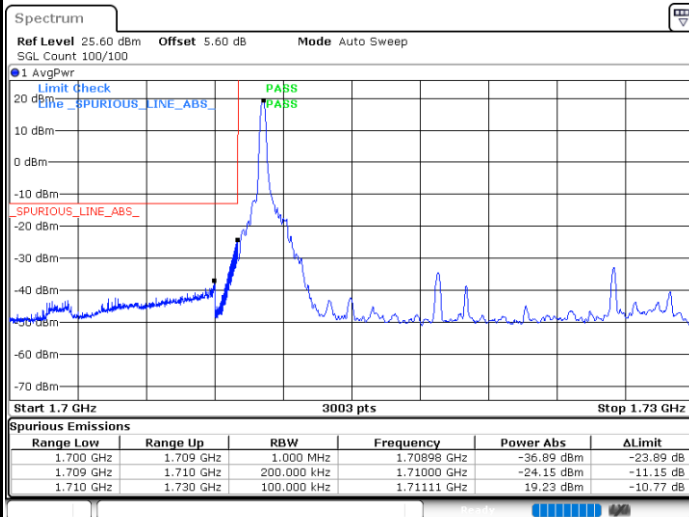
Highest Band Edge / Full RB



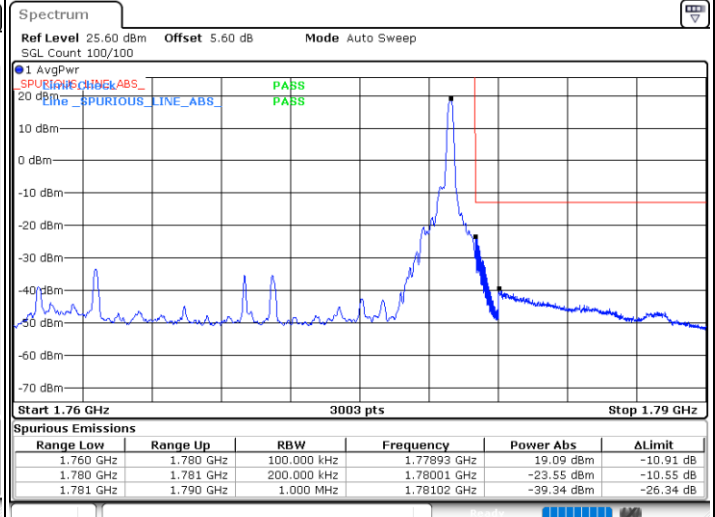


LTE Band 66 / 20MHz / 64QAM

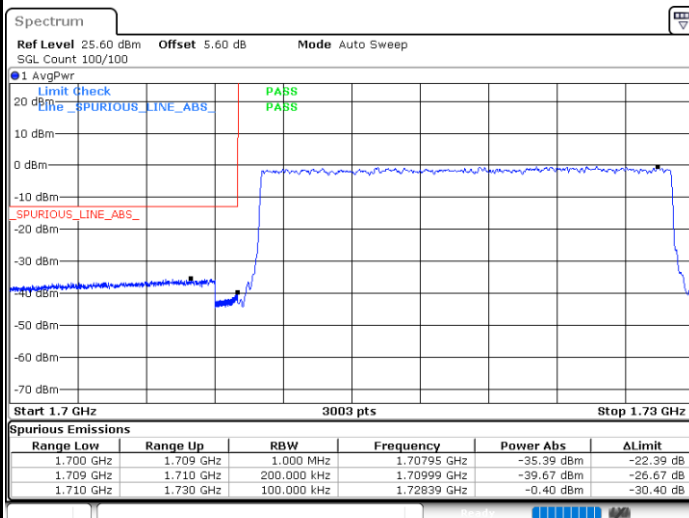
Lowest Band Edge / 1 RB



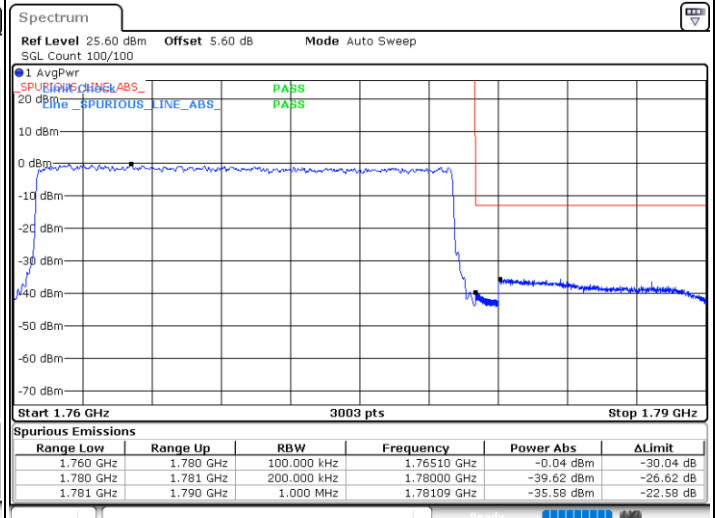
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



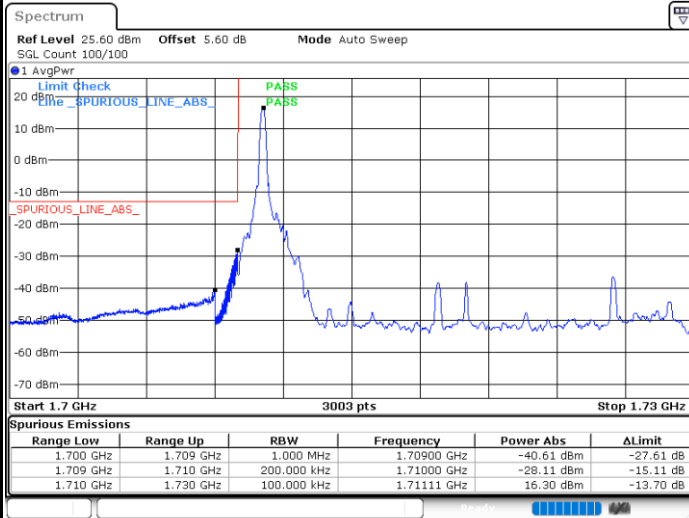
Highest Band Edge / Full RB



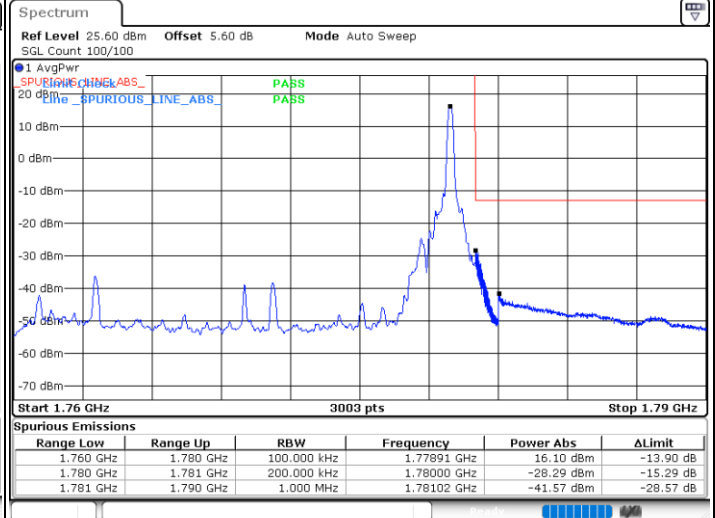


LTE Band 66 / 20MHz / 256QAM

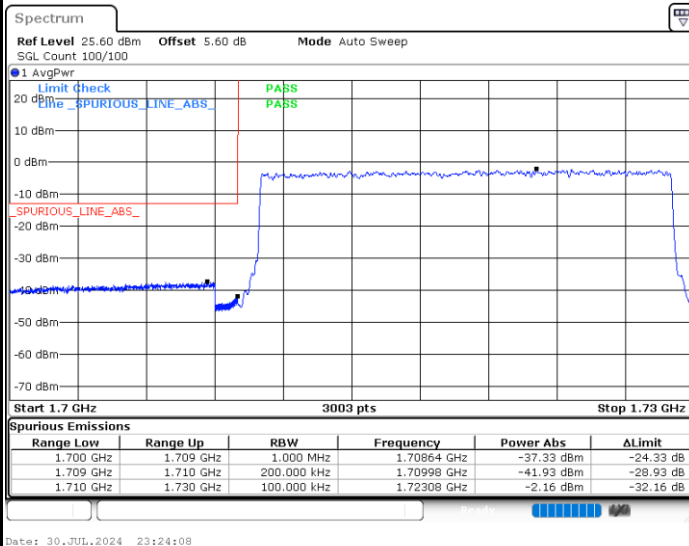
Lowest Band Edge / 1 RB



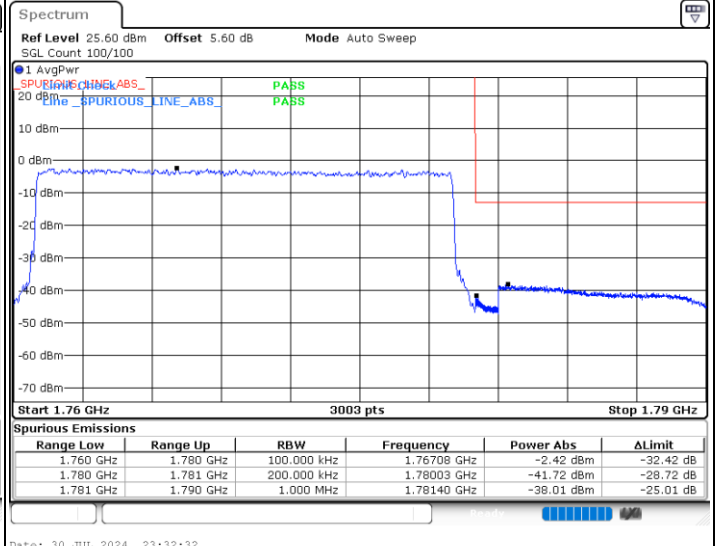
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

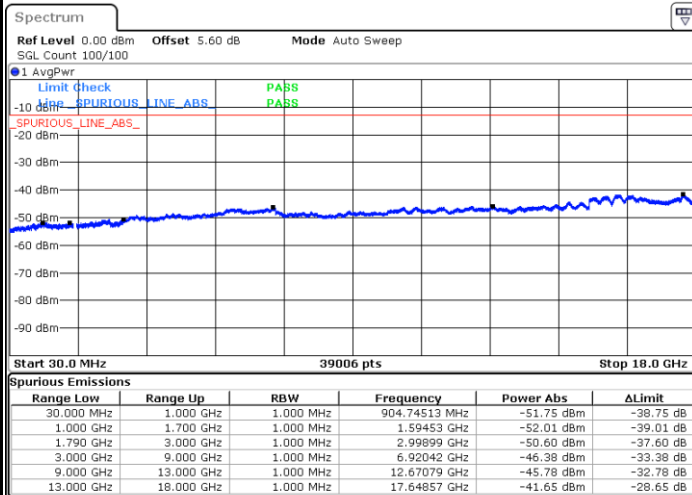




Conducted Spurious Emission

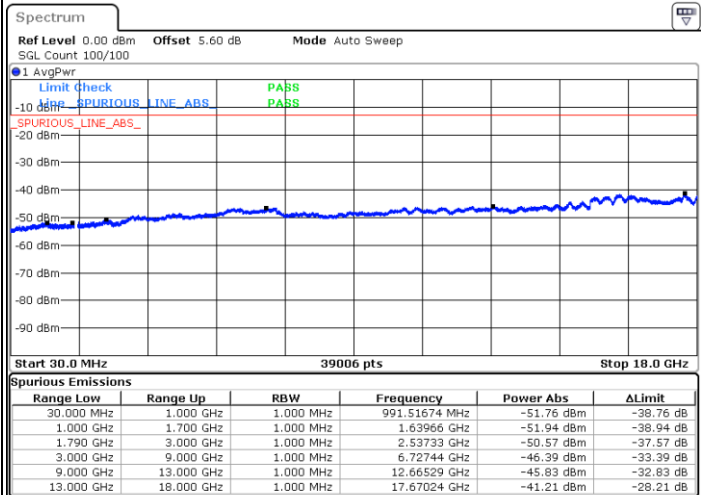
LTE Band 66 / 1.4MHz

Lowest Channel / QPSK



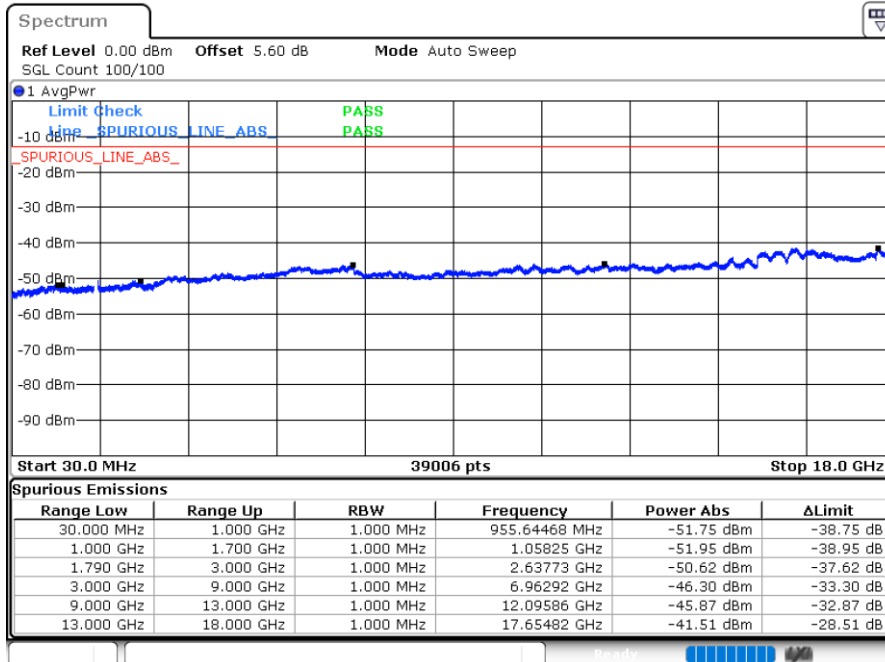
Date: 30.JUL.2024 21:23:28

Middle Channel / QPSK



Date: 30.JUL.2024 21:35:30

Highest Channel / QPSK



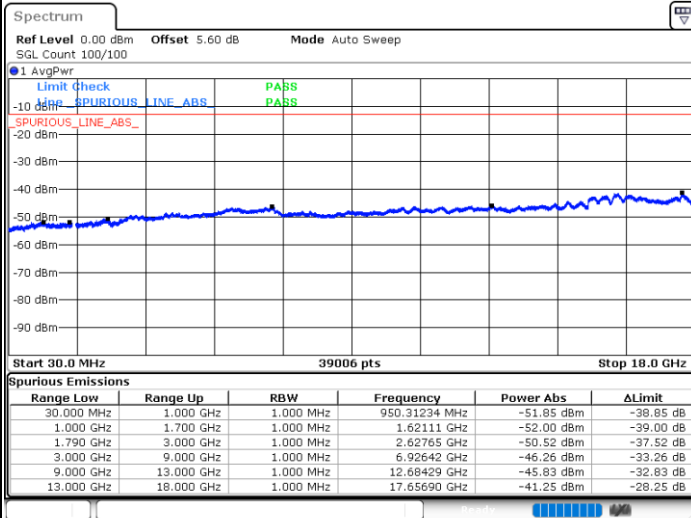
Date: 30.JUL.2024 21:36:58



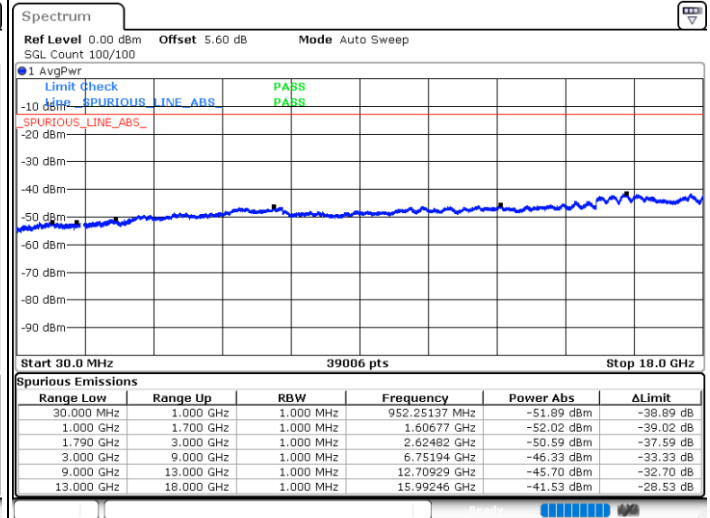
LTE Band 66 / 3MHz

Lowest Channel / QPSK

Middle Channel / QPSK

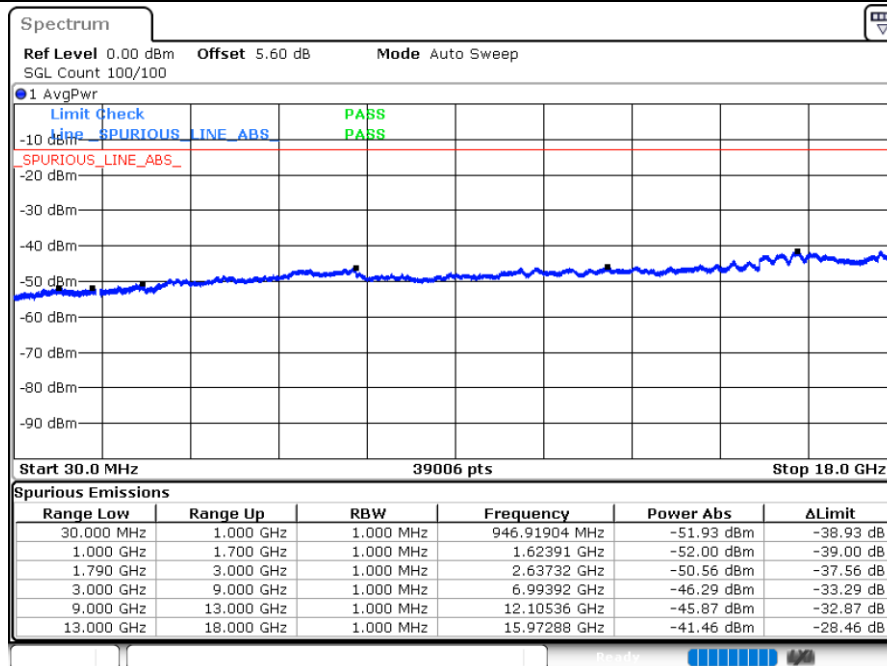


Date: 30.JUL.2024 21:55:33



Date: 30.JUL.2024 22:08:49

Highest Channel / QPSK



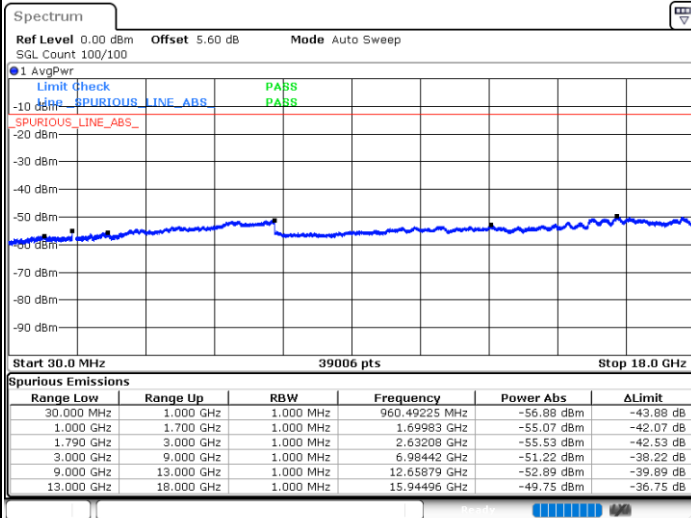
Date: 30.JUL.2024 22:10:17



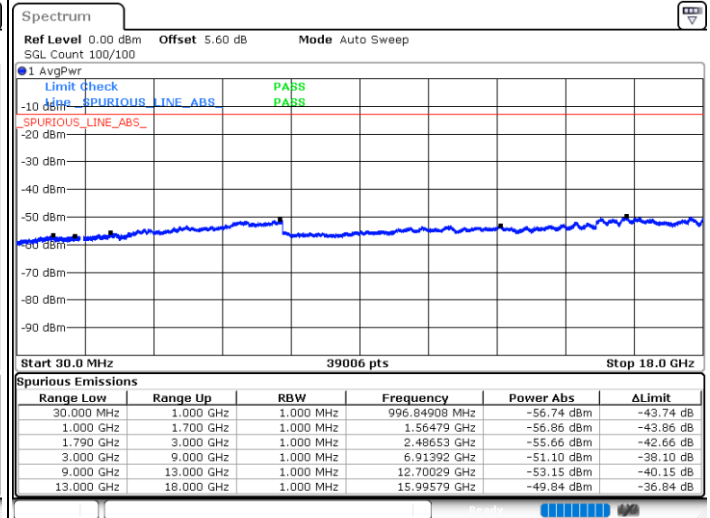
LTE Band 66 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK

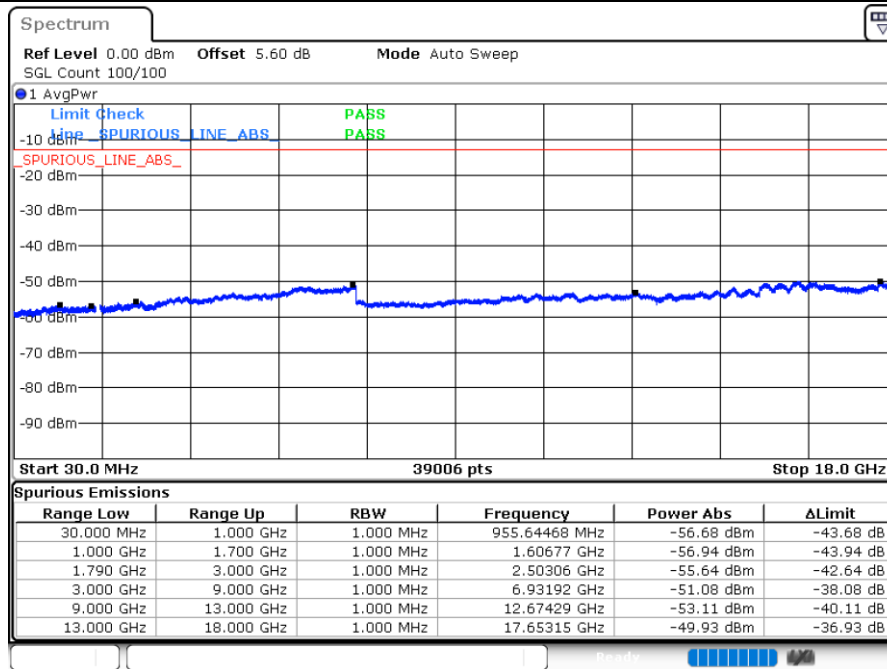


Date: 30.JUL.2024 22:23:21



Date: 30.JUL.2024 22:33:24

Highest Channel / QPSK



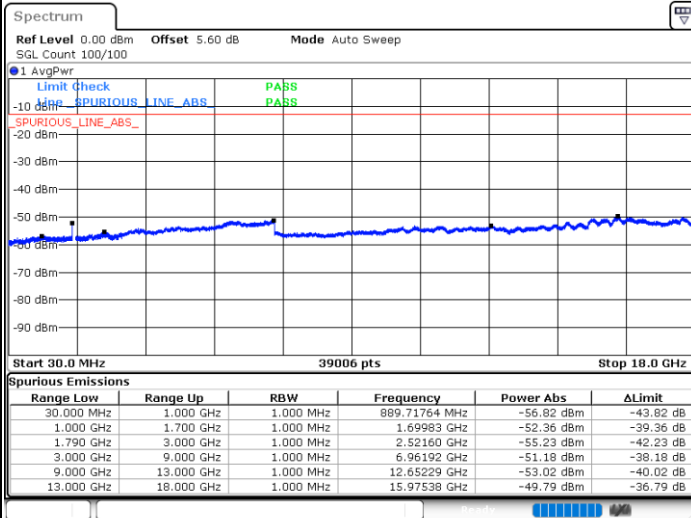
Date: 30.JUL.2024 22:34:52



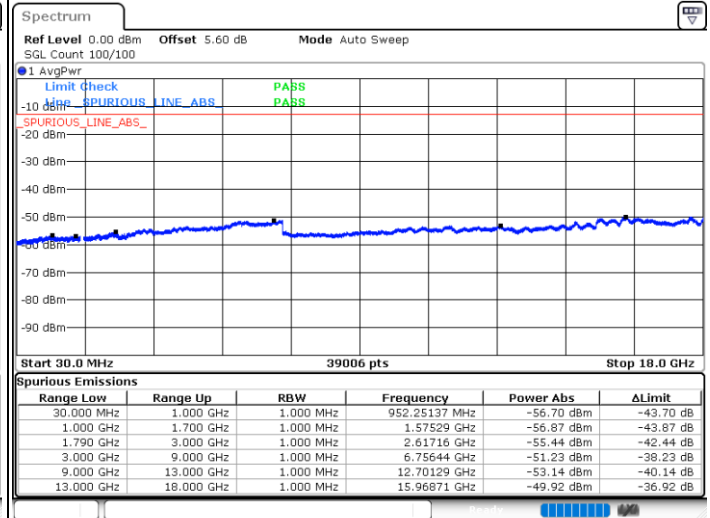
LTE Band 66 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

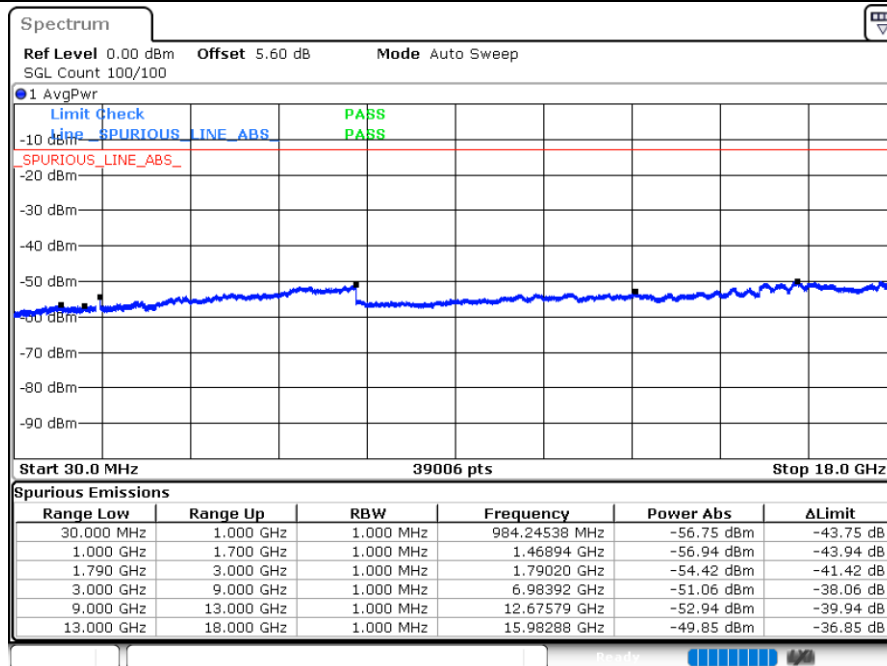


Date: 30.JUL.2024 22:43:25



Date: 30.JUL.2024 22:51:33

Highest Channel / QPSK



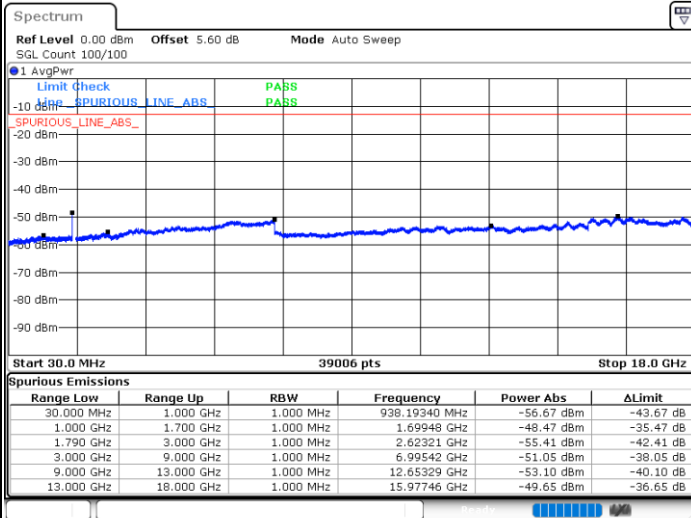
Date: 30.JUL.2024 22:53:01



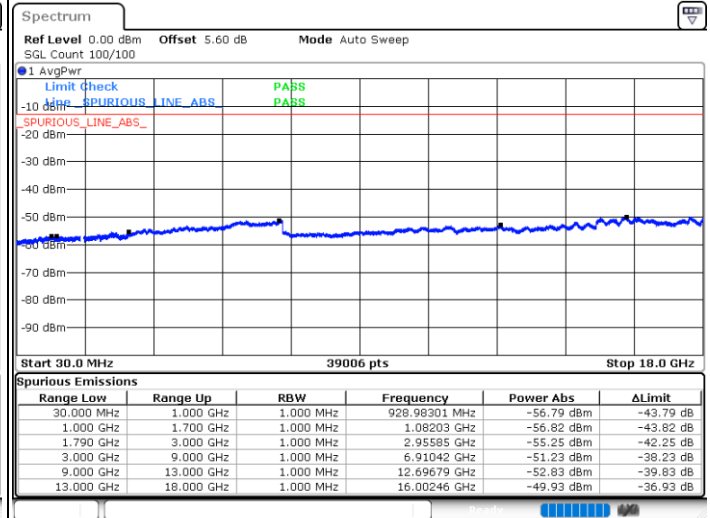
LTE Band 66 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

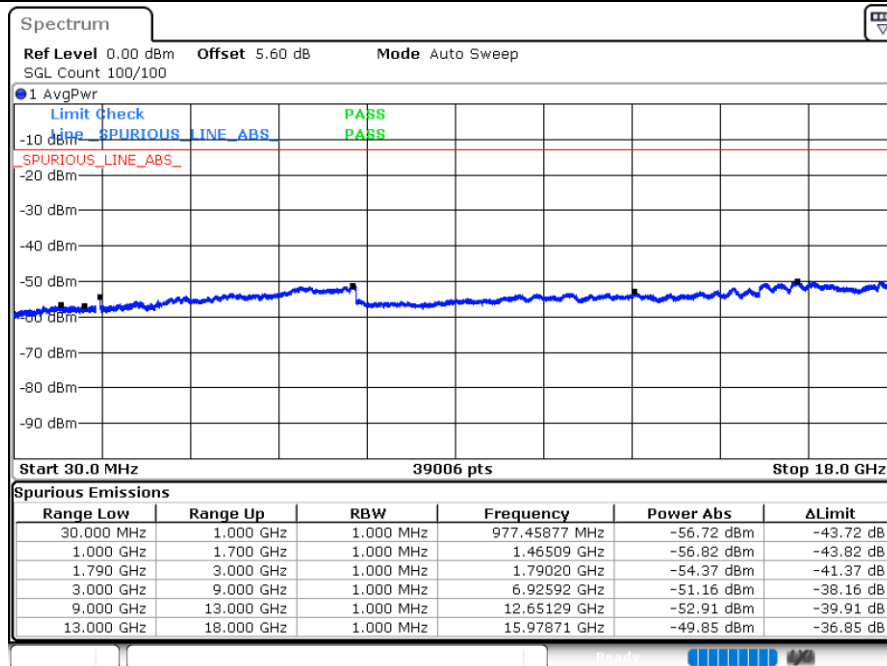


Date: 30.JUL.2024 23:02:03



Date: 30.JUL.2024 23:09:15

Highest Channel / QPSK



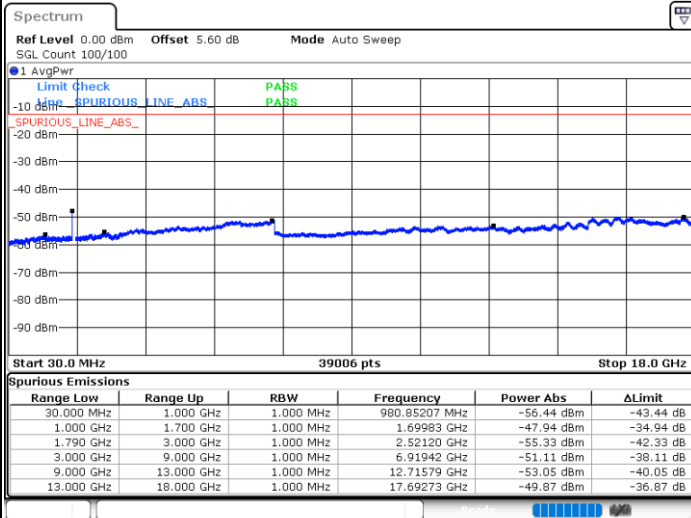
Date: 30.JUL.2024 23:10:43



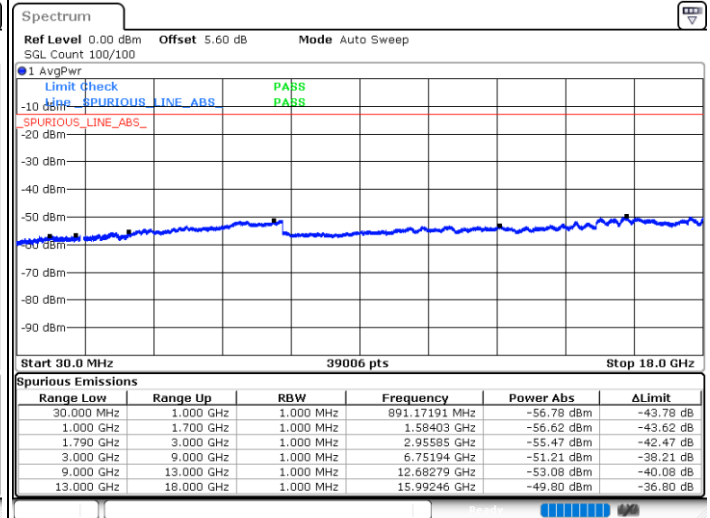
LTE Band 66 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

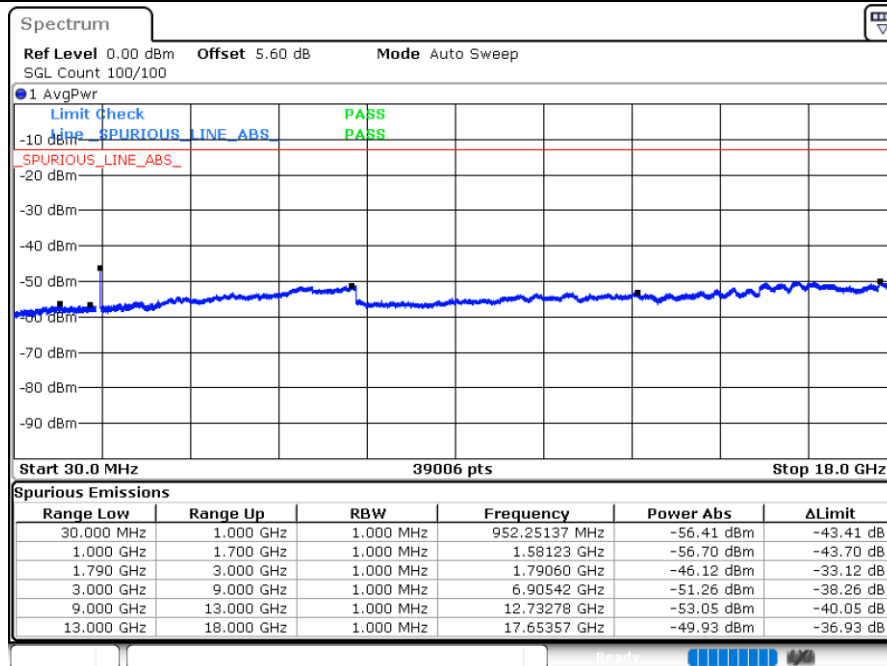


Date: 30.JUL.2024 23:18:50



Date: 30.JUL.2024 23:25:33

Highest Channel / QPSK



Date: 30.JUL.2024 23:27:00

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	0.0005	
30	Normal Voltage	0.0019	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0054	
0	Normal Voltage	0.0048	
-10	Normal Voltage	0.0029	
-20	Normal Voltage	0.0042	
-30	Normal Voltage	0.0066	
20	Maximum Voltage	0.0072	
20	Normal Voltage	0.0031	
20	Battery End Point	0.0044	

Note:

1. Normal Voltage =3.91 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.3 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 :	Bruce	Temperature :	23~25°C
		Relative Humidity :	41~42%

RSE pretest all the supported Antennas, only the worst results are shown in the report.

LTE Band 2 / 20MHz / QPSK / ANT 1								
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)
Middle	3735	-56.32	-13	-43.32	-68.58	2.64	14.90	H
	5610	-55.50	-13	-42.50	-67.36	2.94	14.80	H
	7485	-54.05	-13	-41.05	-63.82	3.39	13.16	H
	3735	-56.09	-13	-43.09	-68.35	2.64	14.90	V
	5610	-55.61	-13	-42.61	-67.47	2.94	14.80	V
	7485	-53.92	-13	-40.92	-63.69	3.39	13.16	V

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

LTE Band 12 / 10MHz / QPSK / ANT 4								
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	1408	-68.54	-13	-55.54	-75.51	1.58	10.70	H
	2112	-62.94	-13	-49.94	-71.19	2.102	12.50	H
	2816	-60.52	-13	-47.52	-69.41	2.856	13.90	H
	1408	-66.14	-13	-53.14	-73.11	1.58	10.70	V
	2112	-61.97	-13	-48.97	-70.22	2.10	12.50	V
	2816	-60.13	-13	-47.13	-69.02	2.86	13.90	V

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

LTE Band 13 / 5MHz / QPSK / ANT 4								
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	1560	-66.61	-42.15	-24.46	-69.24	1.09	5.87	H
	2336	-61.00	-13	-48.00	-63.40	1.37	5.92	H
	3120	-61.21	-13	-48.21	-65.10	1.64	7.68	H
	1560	-64.47	-42.15	-22.32	-67.10	1.09	5.87	V
	2336	-57.82	-13	-44.82	-60.22	1.37	5.92	V
	3120	-60.71	-13	-47.71	-64.60	1.64	7.68	V

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

LTE Band 13 / 10MHz / QPSK / ANT 4								
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	-67.72	-13	-54.72	-70.35	1.09	5.87	H
	2336	-62.13	-13	-49.13	-64.53	1.37	5.92	H
	3112	-60.87	-13	-47.87	-64.76	1.64	7.68	H
	1552	-66.93	-13	-53.93	-69.56	1.09	5.87	V
	2336	-60.65	-13	-47.65	-63.05	1.37	5.92	V
	3112	-60.94	-13	-47.94	-64.83	1.64	7.68	V

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

LTE Band 26 / 15MHz / QPSK / ANT 4								
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	1656	-65.23	-13	-52.23	-72.20	1.58	10.70	H
	2488	-52.99	-13	-39.99	-61.24	2.102	12.50	H
	3320	-60.92	-13	-47.92	-69.81	2.856	13.90	H
	1656	-64.58	-13	-51.58	-71.55	1.58	10.70	V
	2488	-49.21	-13	-36.21	-57.46	2.10	12.50	V
	3320	-61.11	-13	-48.11	-70.00	2.86	13.90	V

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

LTE Band 66 / 20MHz / QPSK / ANT 1								
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)
Middle	3465	-56.45	-13	-43.45	-67.19	2.604	13.34	H
	5205	-42.83	-13	-29.83	-53.34	3.011	13.52	H
	6945	-54.98	-13	-41.98	-65.18	3.271	13.47	H
	3465	-57.33	-13	-44.33	-68.07	2.604	13.34	V
	5205	-45.28	-13	-32.28	-55.79	3.011	13.52	V
	6945	-55.01	-13	-42.01	-65.21	3.271	13.47	V

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