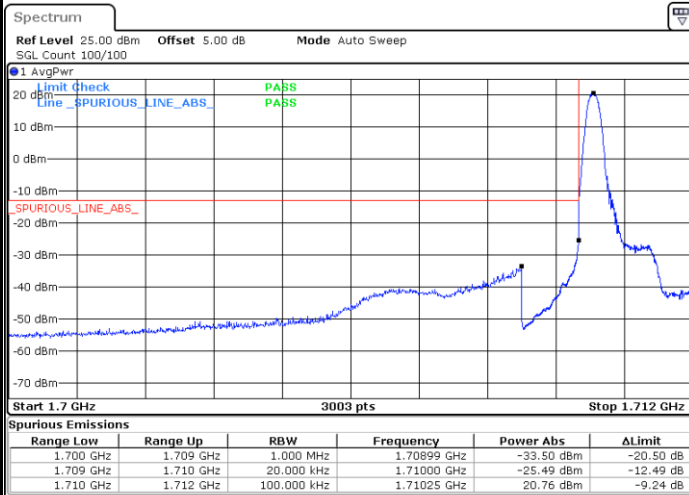




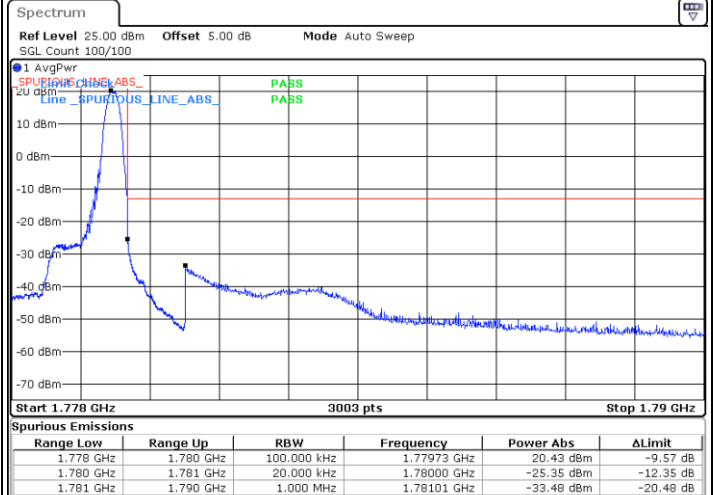
Conducted Band Edge

LTE Band 66 / 1.4MHz / QPSK

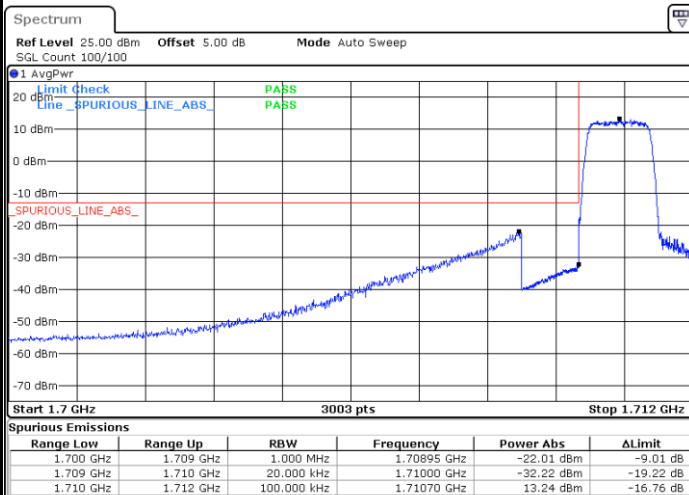
Lowest Band Edge / 1RB



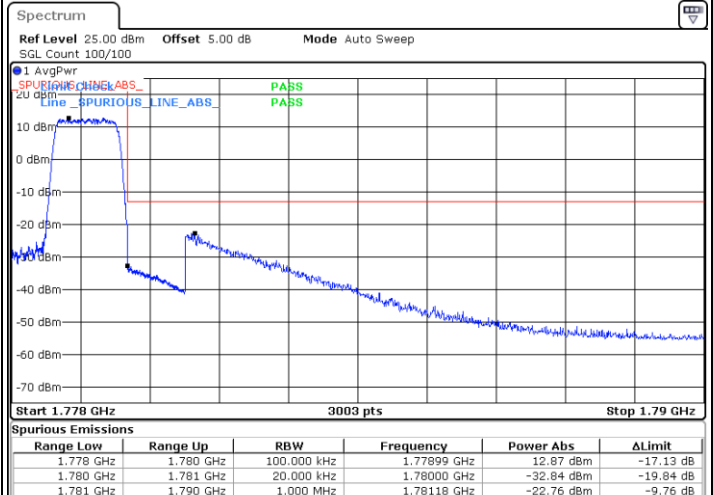
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



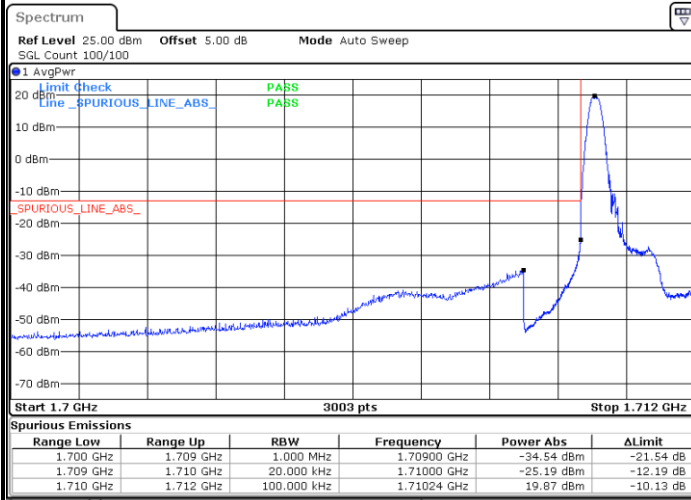
Highest Band Edge / Full RB



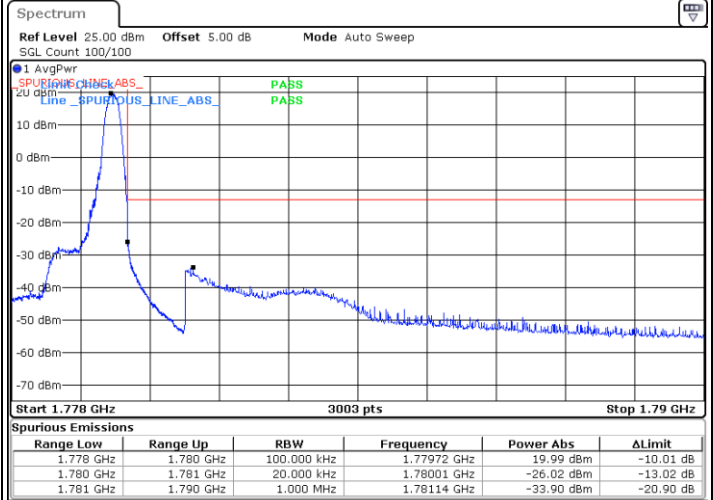


LTE Band 66 / 1.4MHz / 16QAM

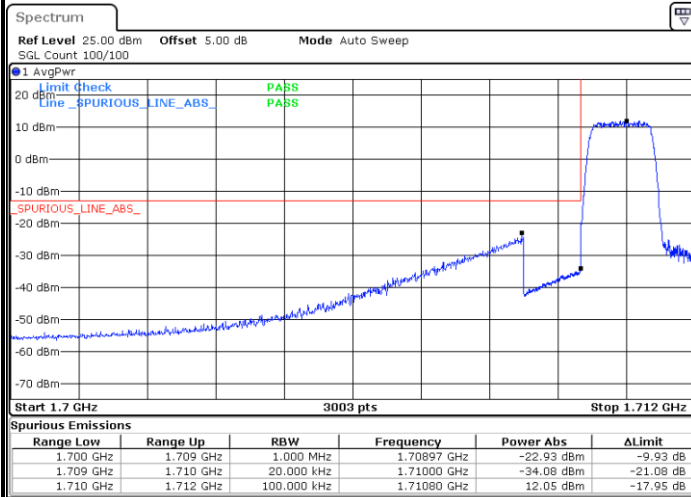
Lowest Band Edge / 1 RB



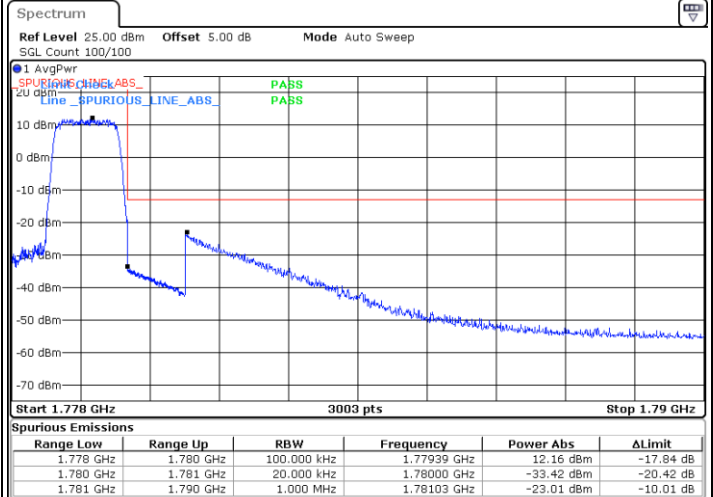
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



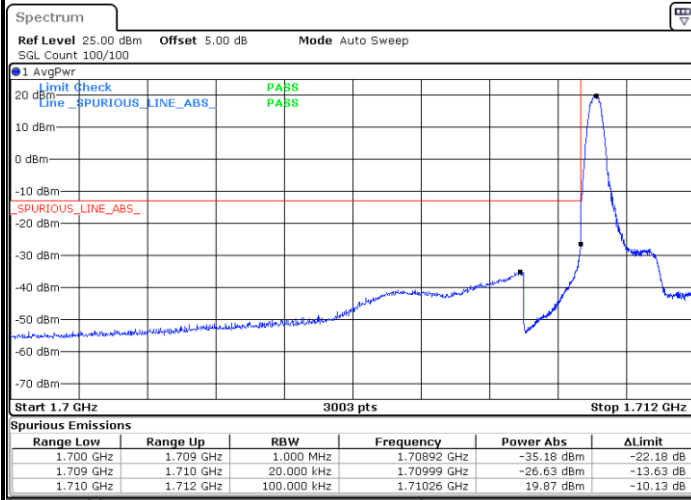
Highest Band Edge / Full RB



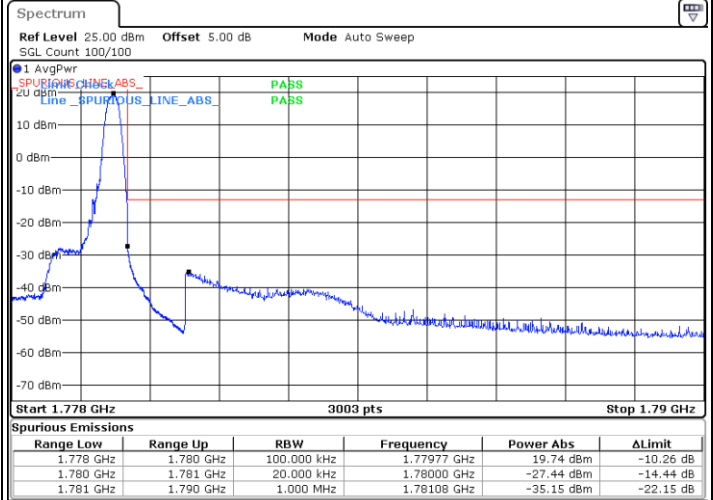


LTE Band 66 / 1.4MHz / 64QAM

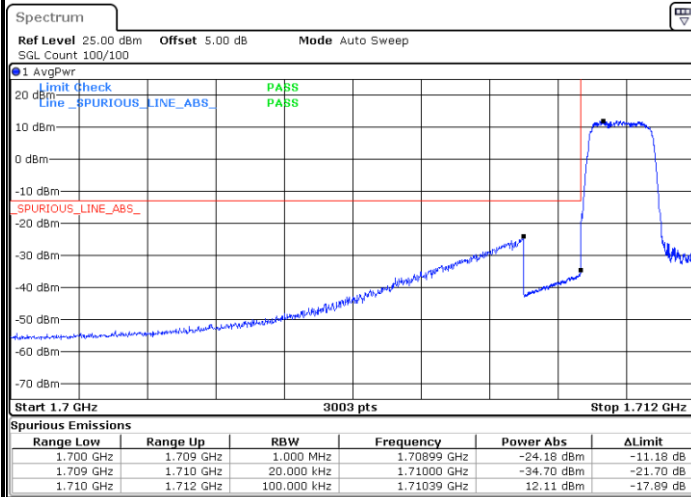
Lowest Band Edge / 1 RB



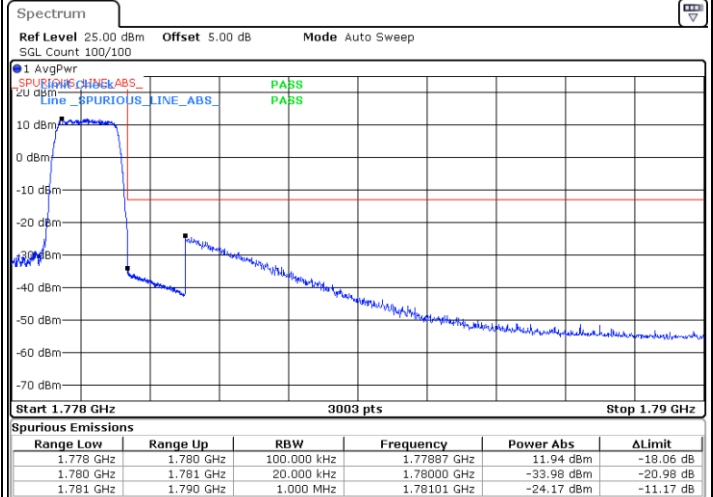
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



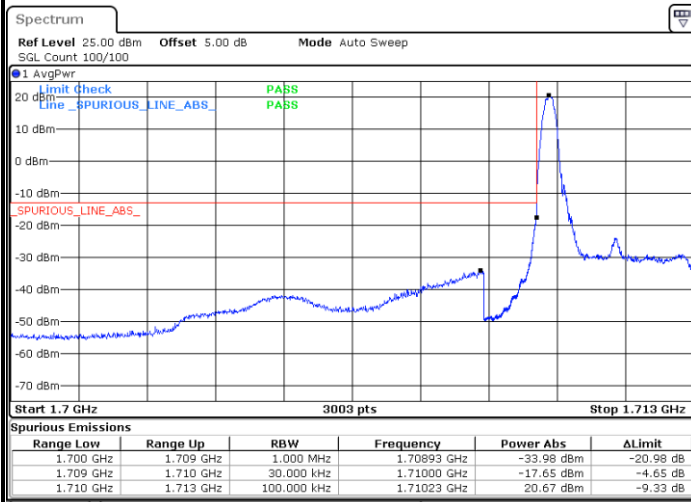
Highest Band Edge / Full RB



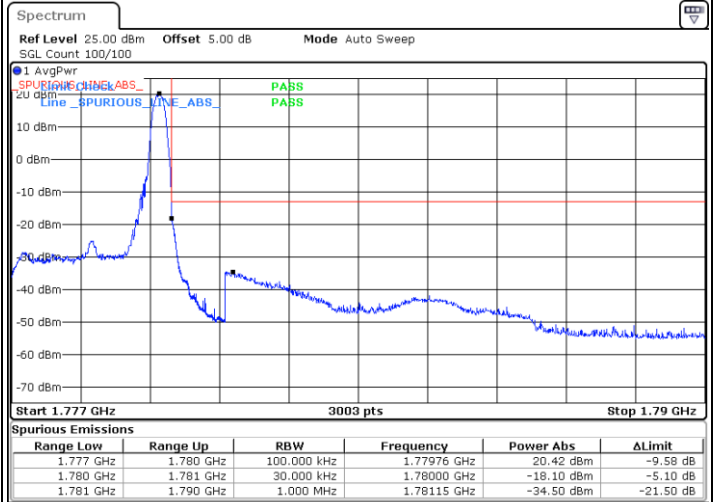


LTE Band 66 / 3MHz / QPSK

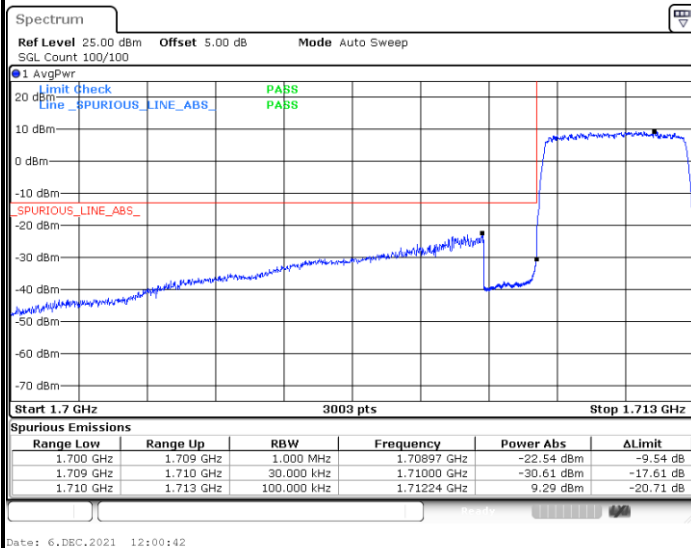
Lowest Band Edge / 1RB



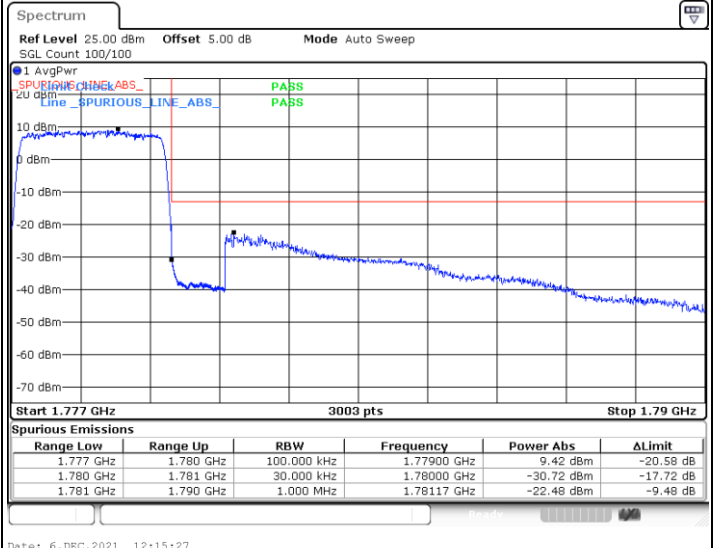
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



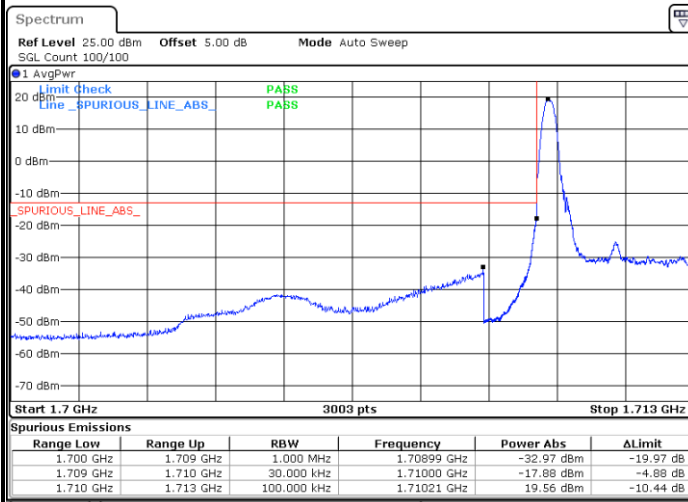
Highest Band Edge / Full RB



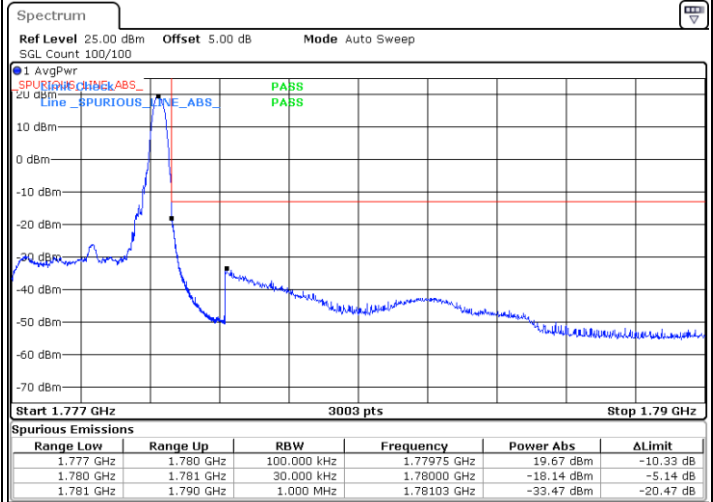


LTE Band 66 / 3MHz / 16QAM

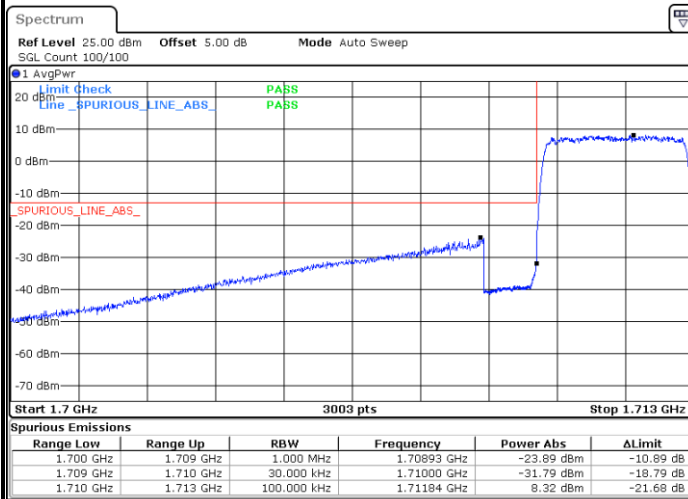
Lowest Band Edge / 1 RB



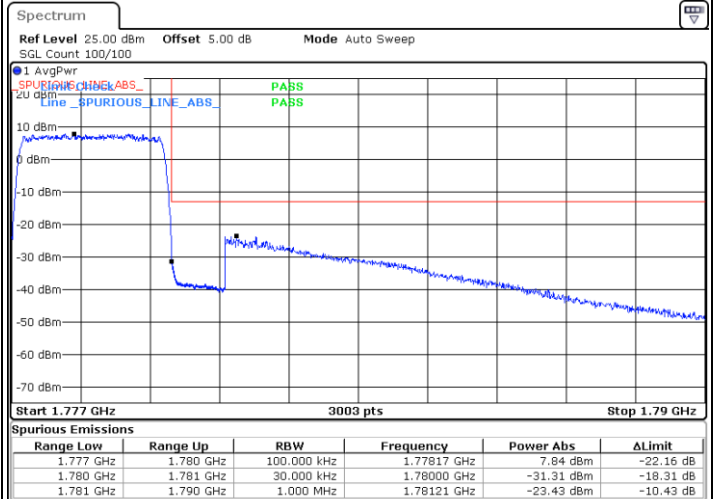
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



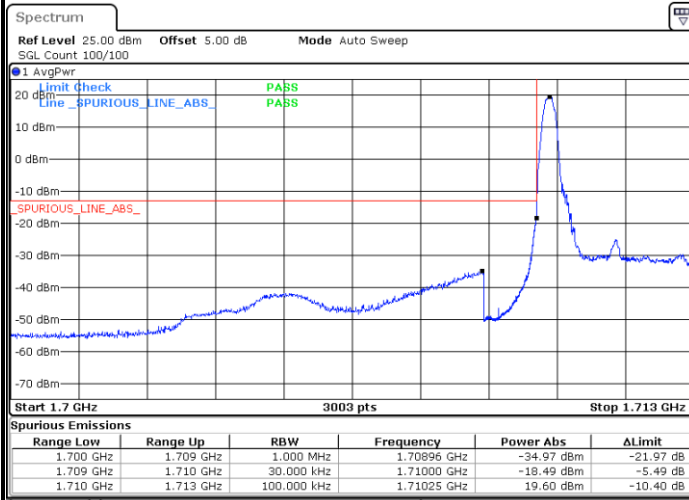
Highest Band Edge / Full RB



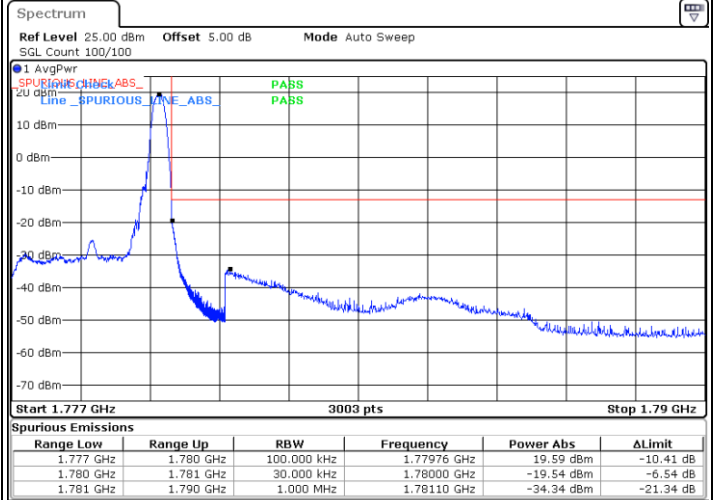


LTE Band 66 / 3MHz / 64QAM

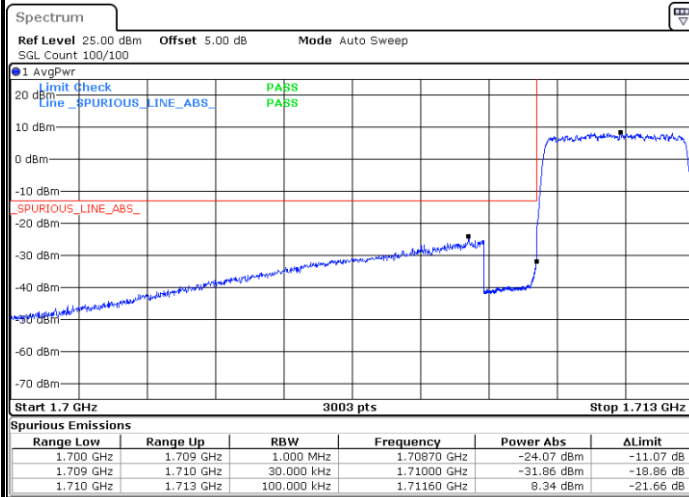
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



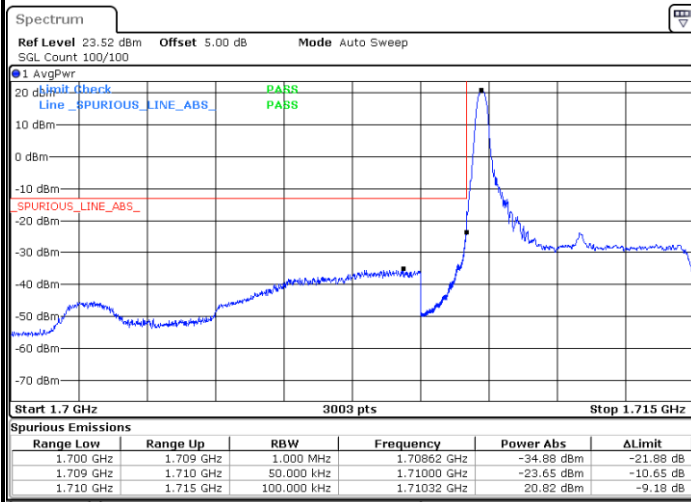
Highest Band Edge / Full RB



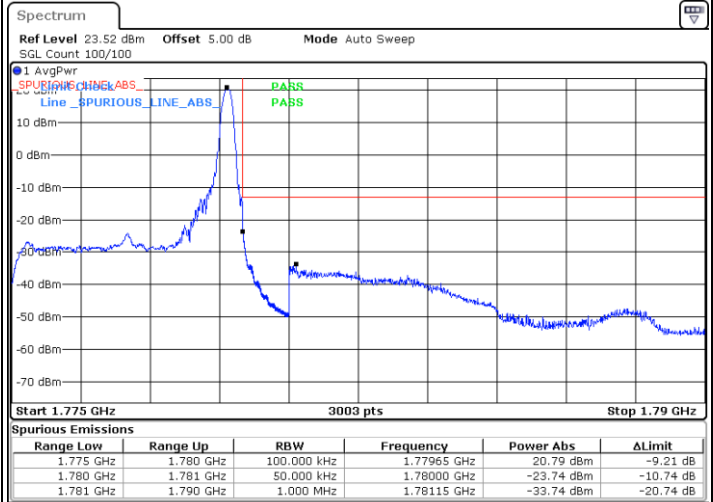


LTE Band 66 / 5MHz / QPSK

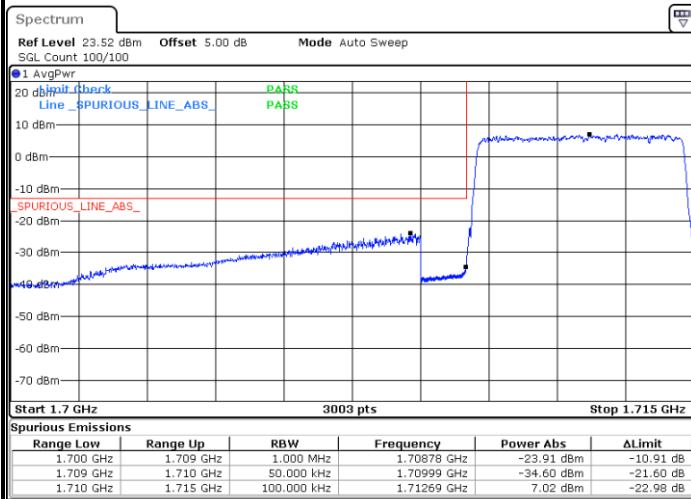
Lowest Band Edge / 1 RB



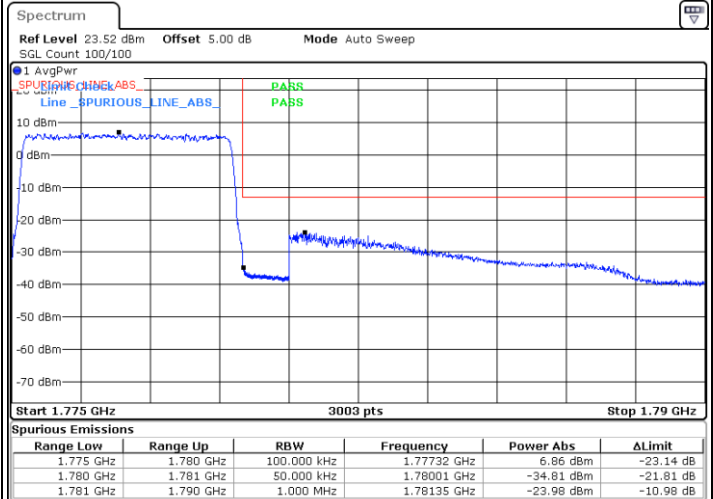
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



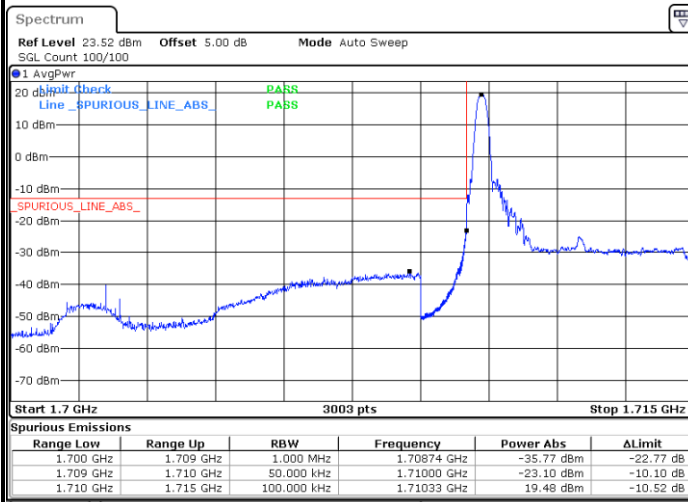
Highest Band Edge / Full RB



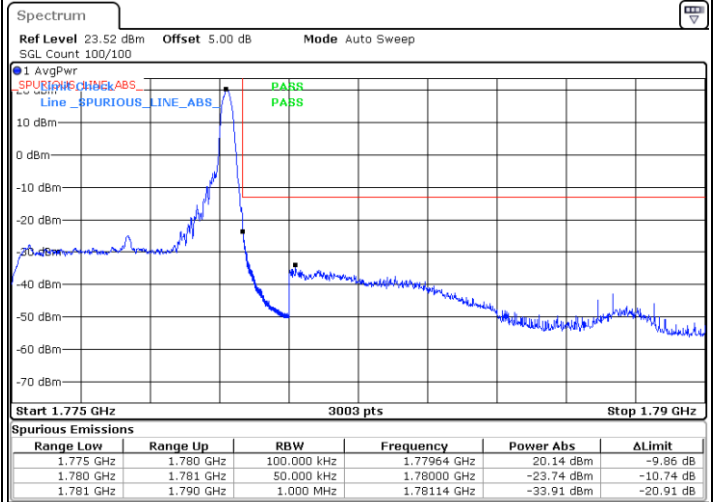


LTE Band 66 / 5MHz / 16QAM

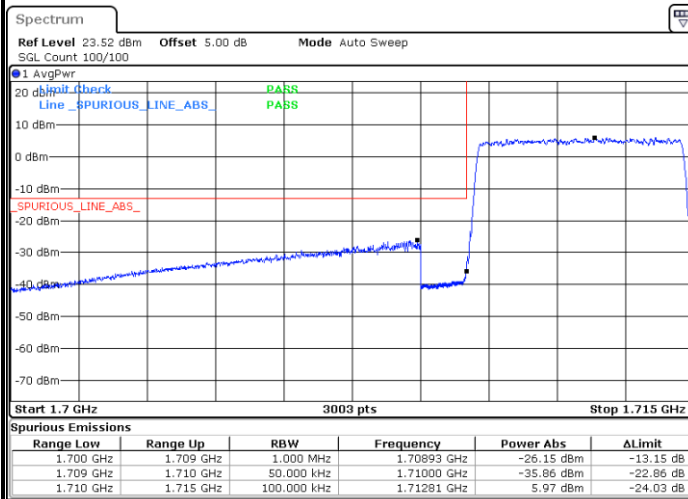
Lowest Band Edge / 1RB



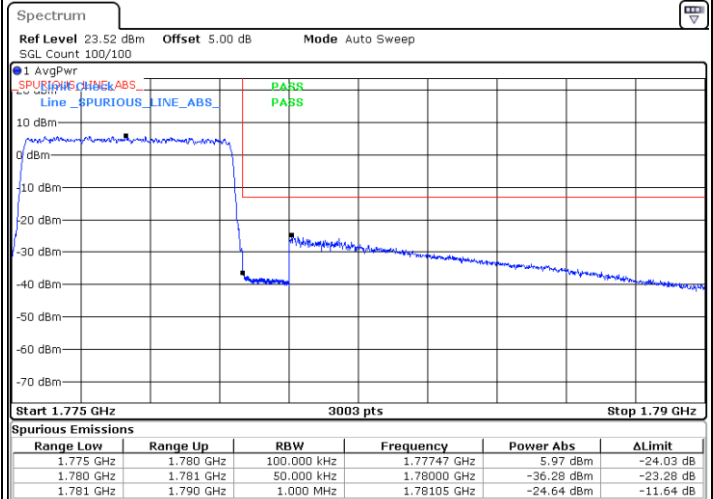
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



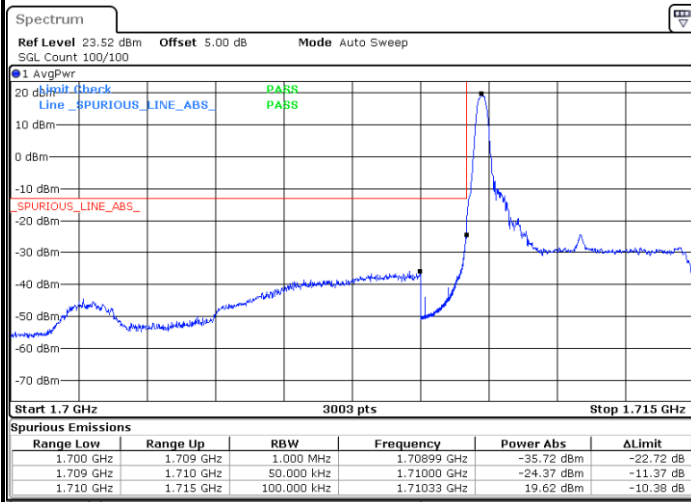
Highest Band Edge / Full RB



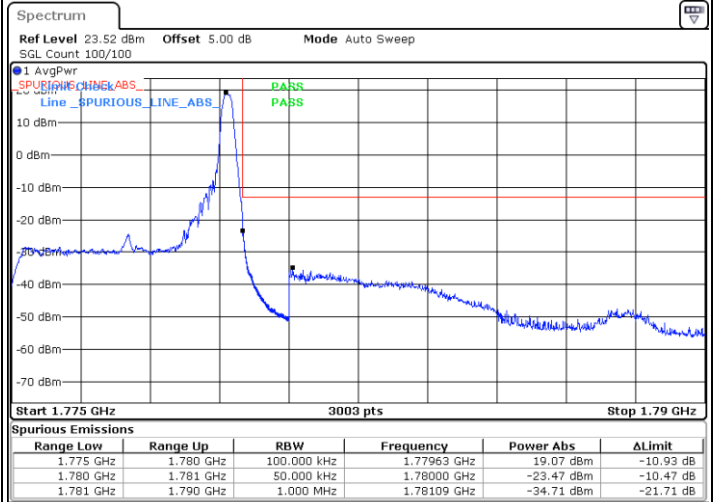


LTE Band 66 / 5MHz / 64QAM

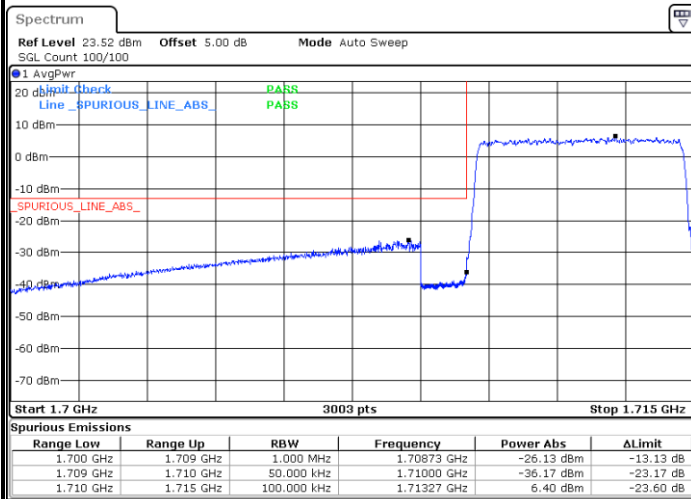
Lowest Band Edge / 1RB



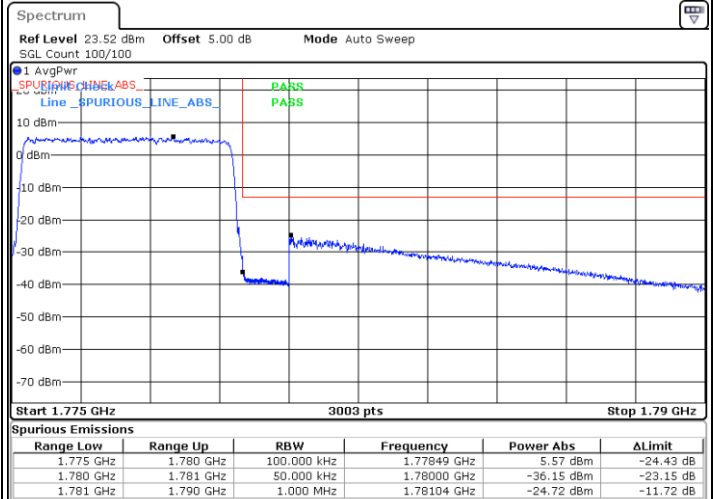
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



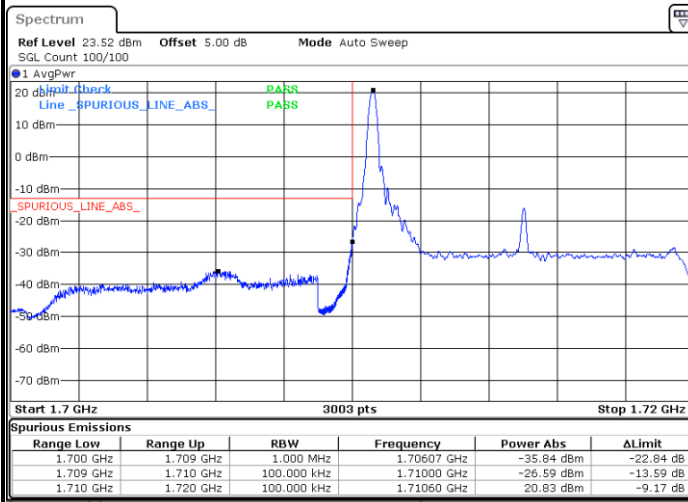
Highest Band Edge / Full RB



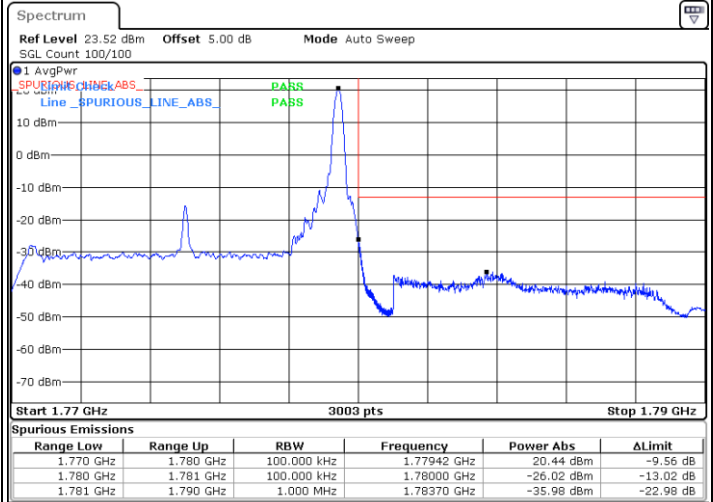


LTE Band 66 / 10MHz / QPSK

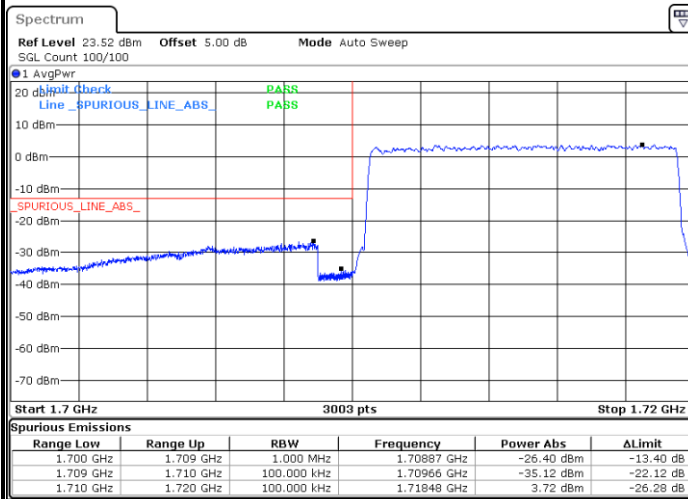
Lowest Band Edge / 1 RB



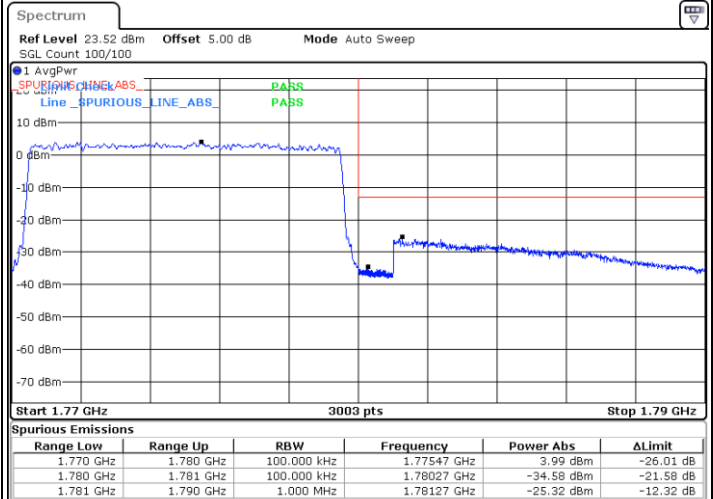
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



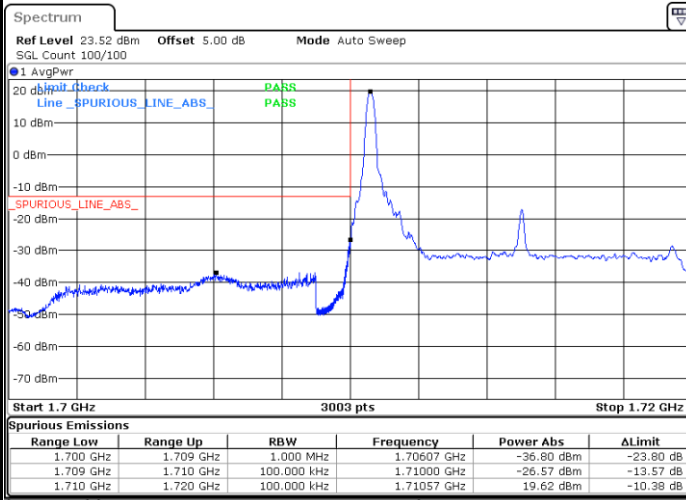
Highest Band Edge / Full RB



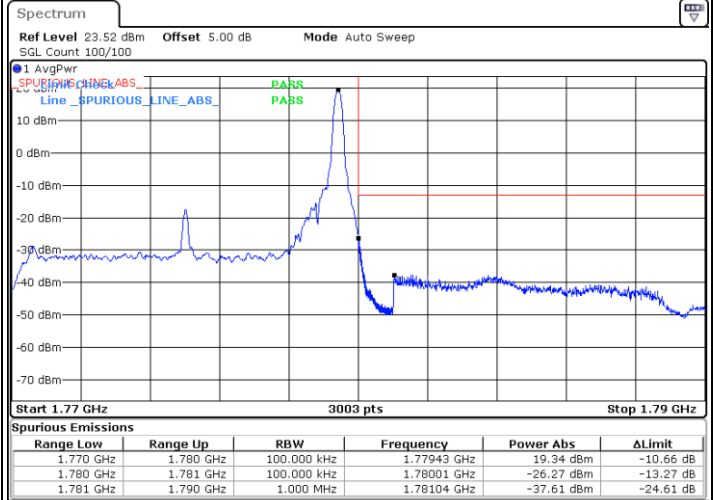


LTE Band 66 / 10MHz / 16QAM

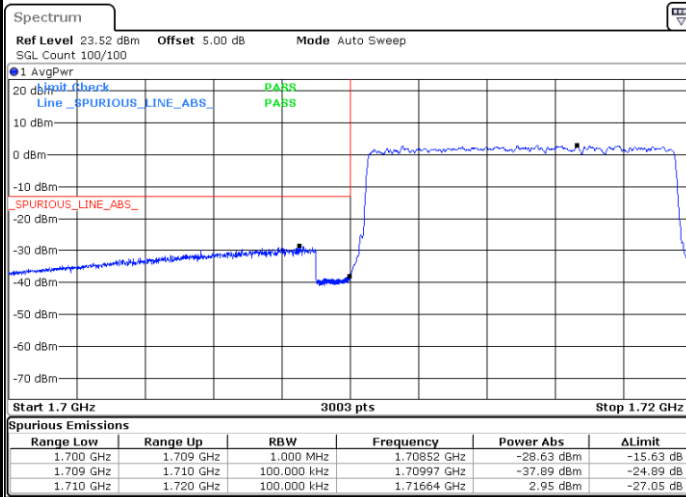
Lowest Band Edge / 1 RB



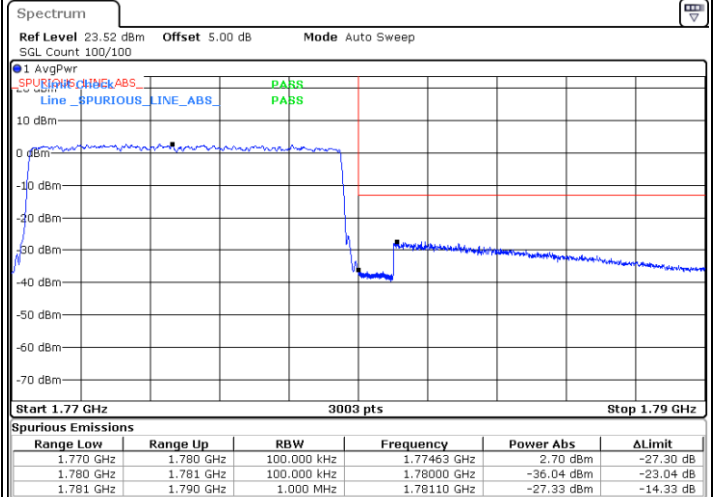
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



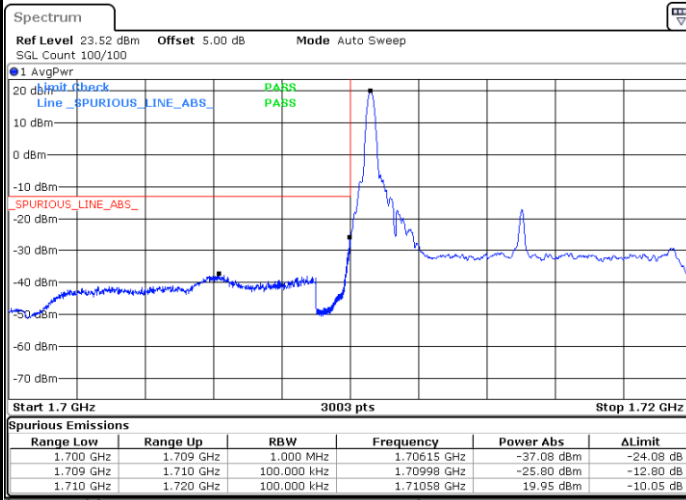
Highest Band Edge / Full RB



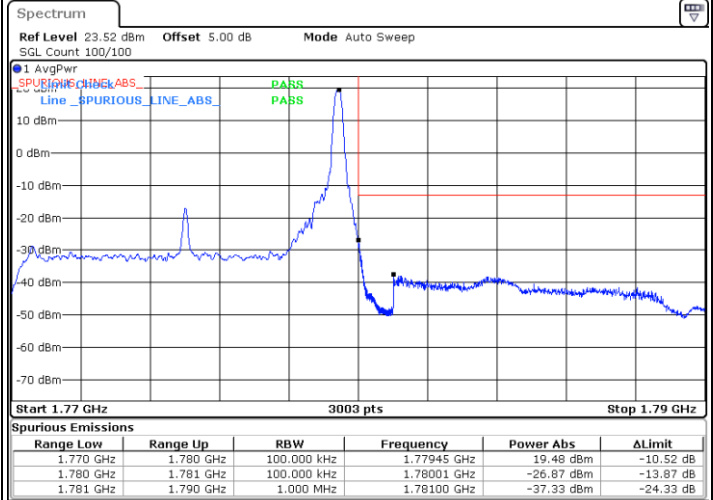


LTE Band 66 / 10MHz / 64QAM

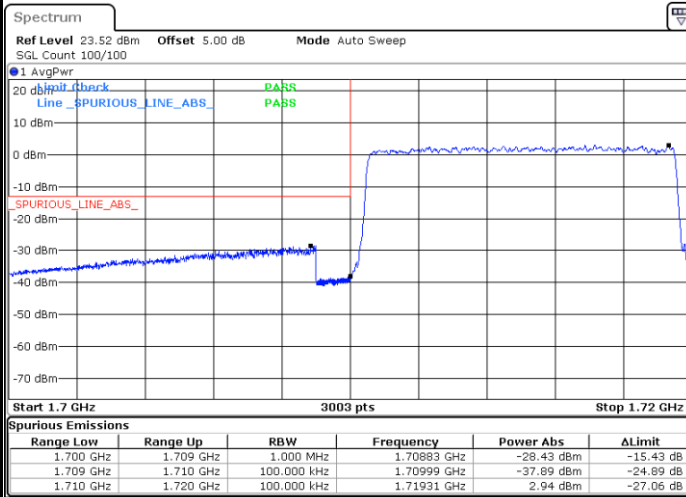
Lowest Band Edge / 1 RB



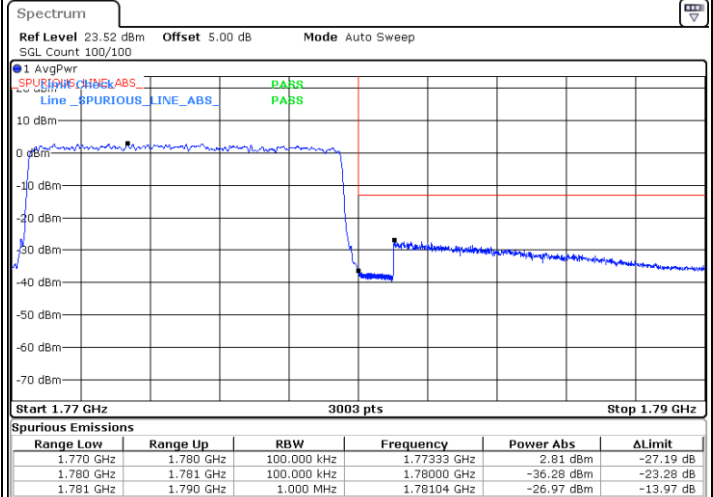
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



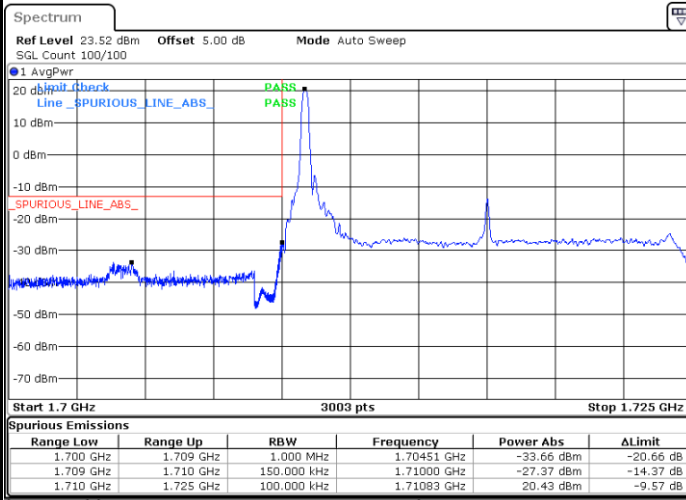
Highest Band Edge / Full RB



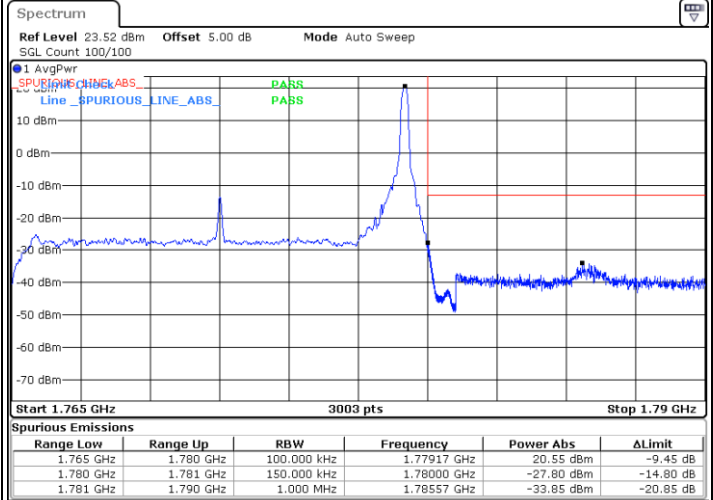


LTE Band 66 / 15MHz / QPSK

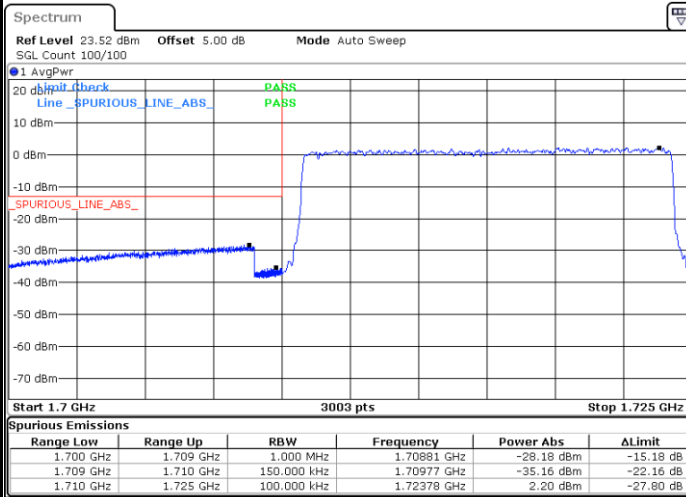
Lowest Band Edge / 1 RB



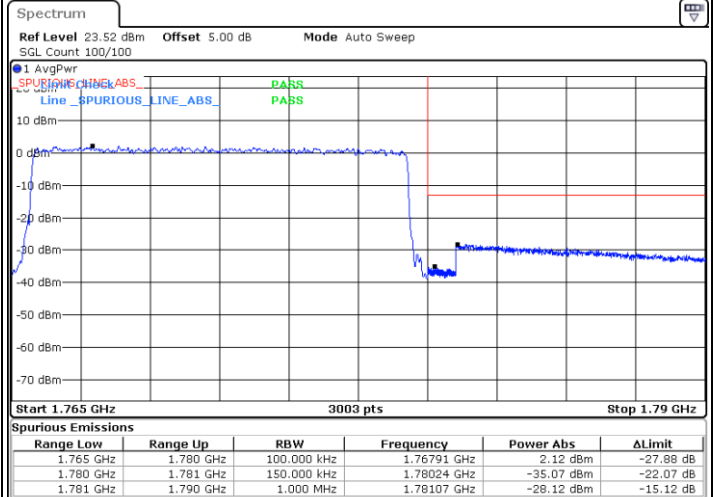
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



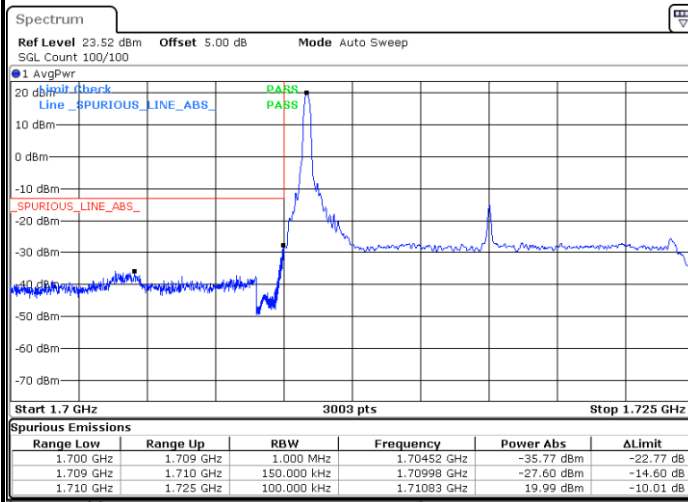
Highest Band Edge / Full RB



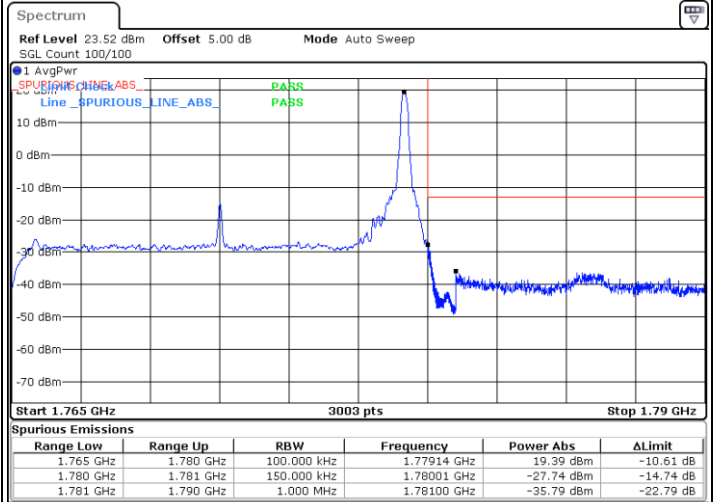


LTE Band 66 / 15MHz / 16QAM

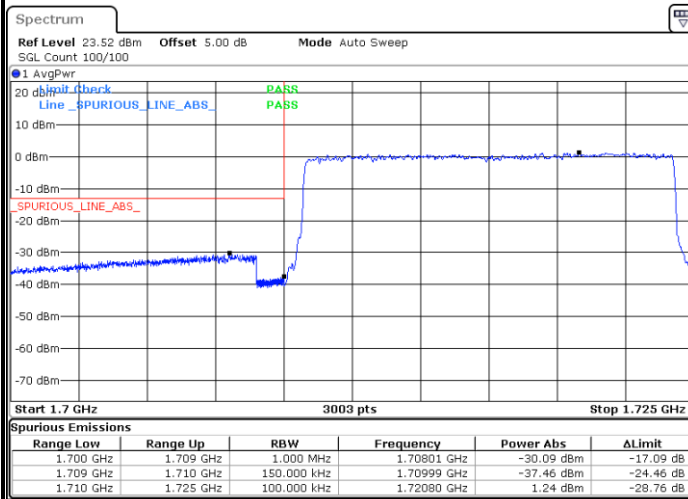
Lowest Band Edge / 1 RB



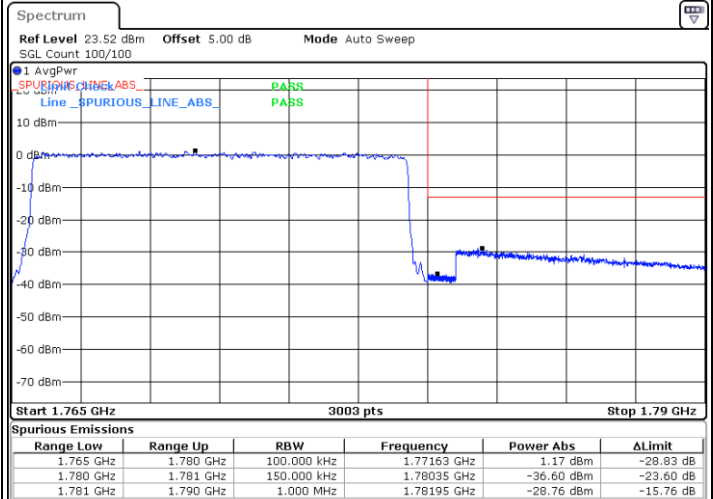
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



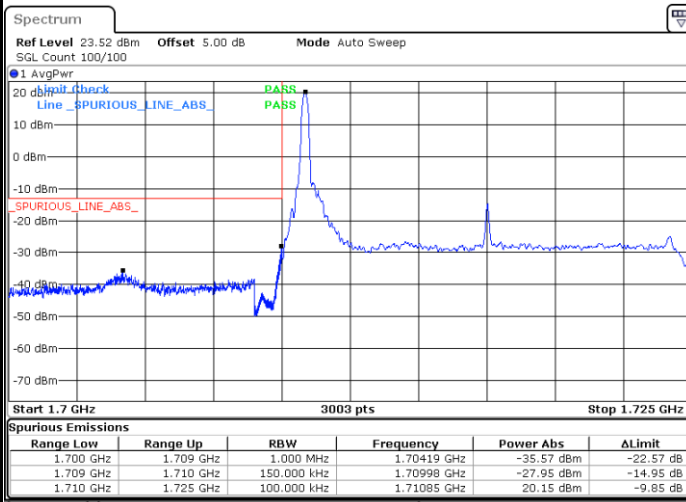
Highest Band Edge / Full RB



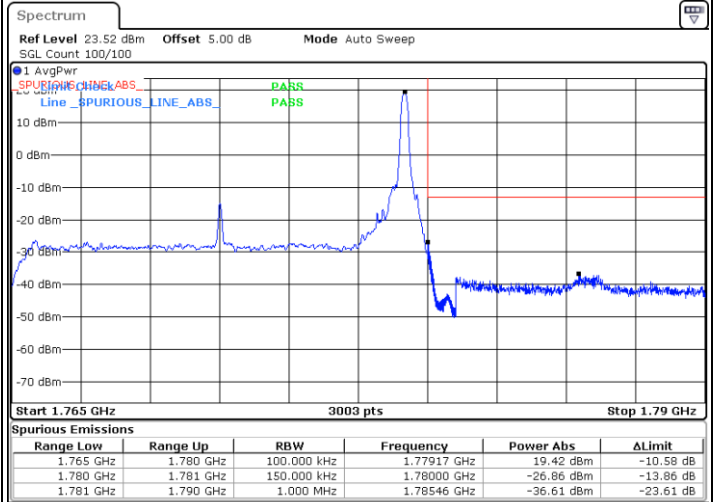


LTE Band 66 / 15MHz / 64QAM

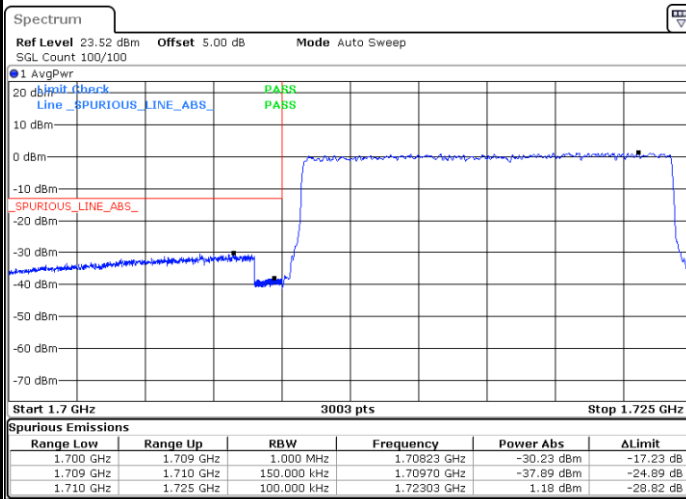
Lowest Band Edge / 1 RB



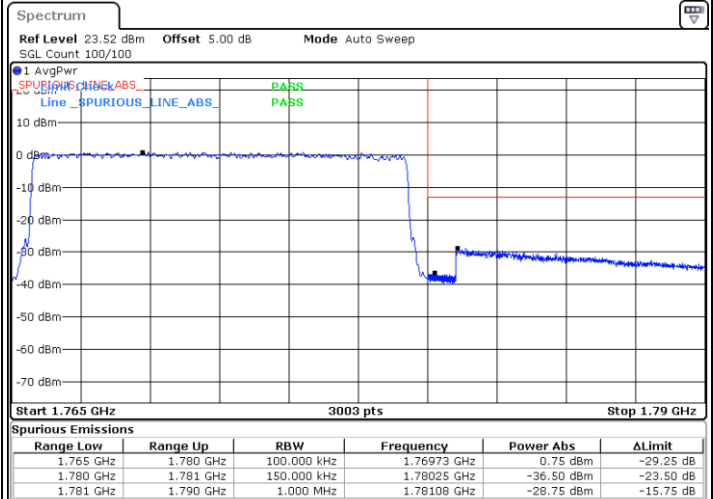
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



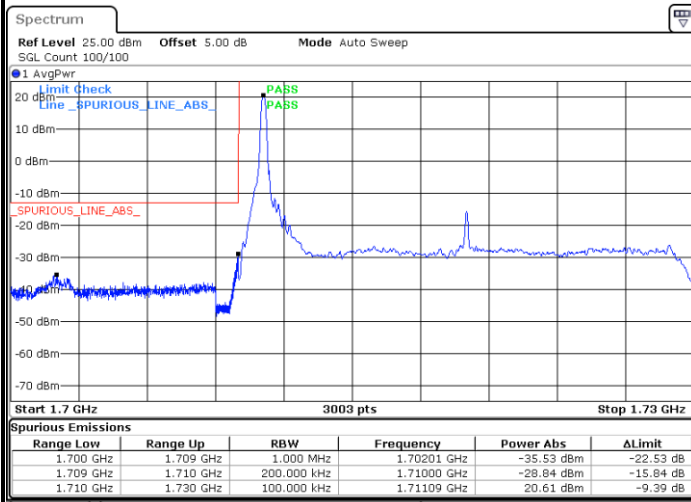
Highest Band Edge / Full RB



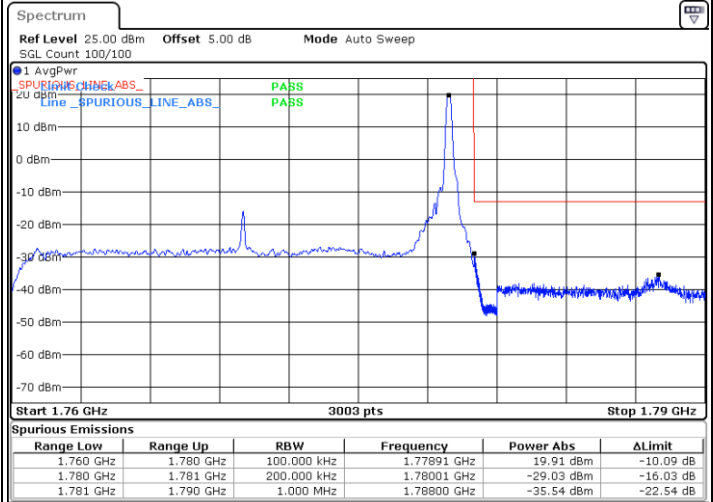


LTE Band 66 / 20MHz / QPSK

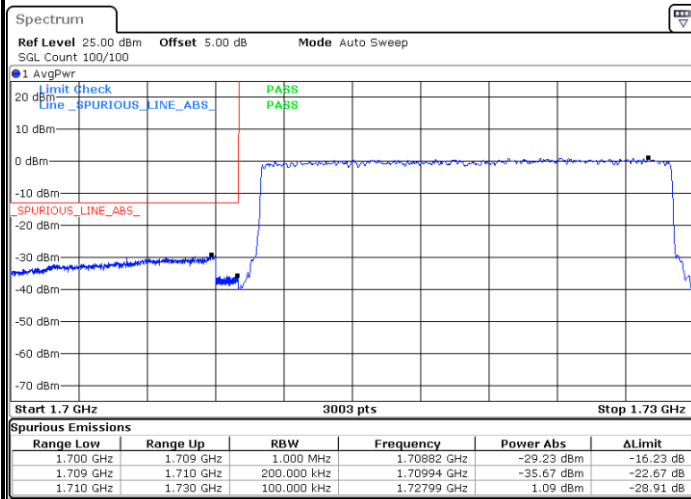
Lowest Band Edge / 1 RB



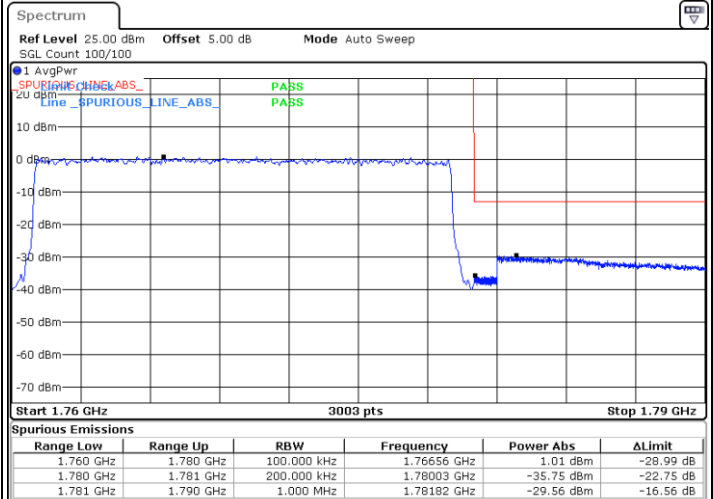
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



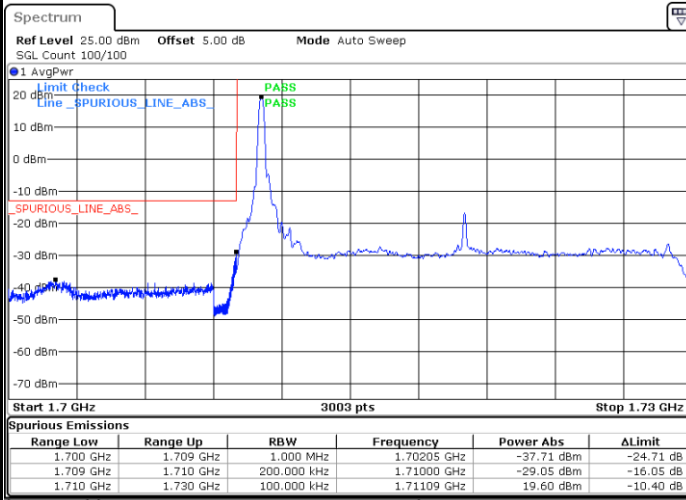
Highest Band Edge / Full RB



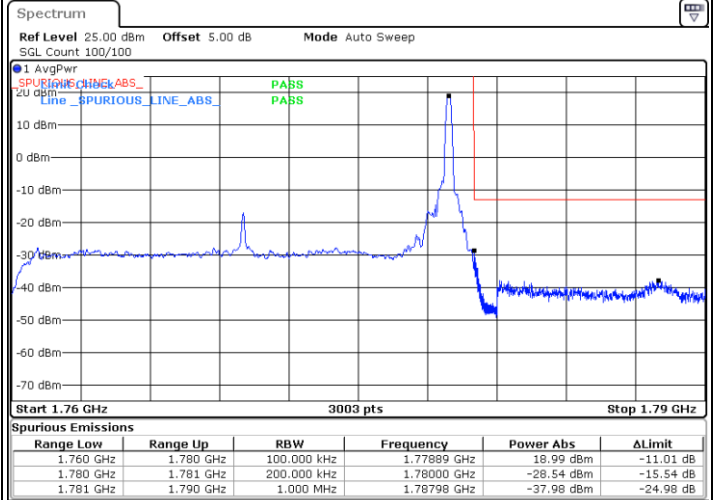


LTE Band 66 / 20MHz / 16QAM

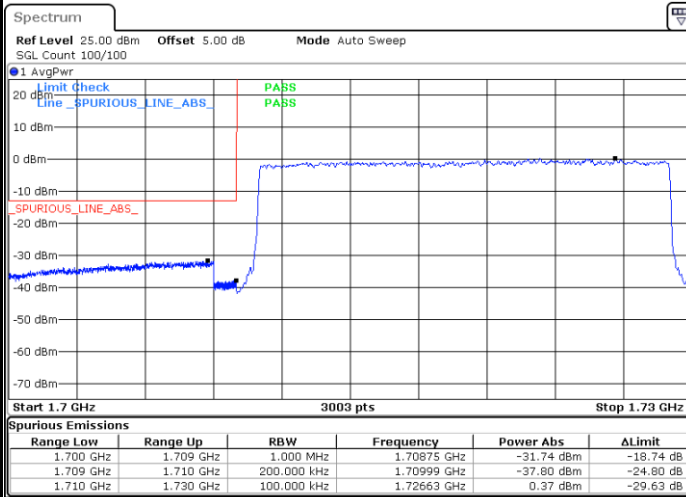
Lowest Band Edge / 1 RB



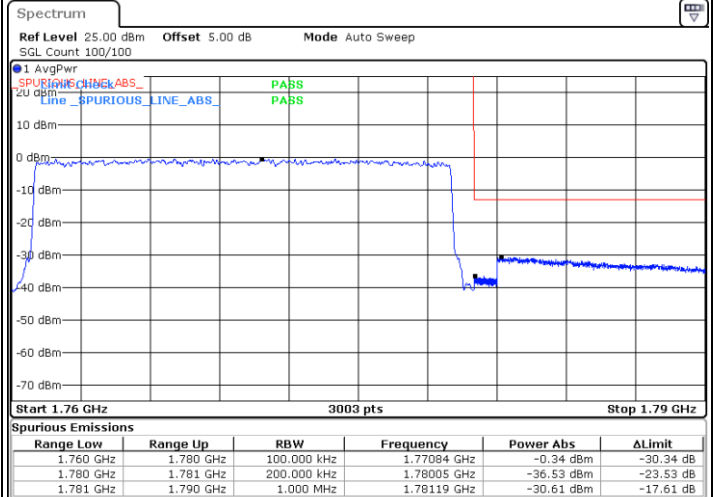
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



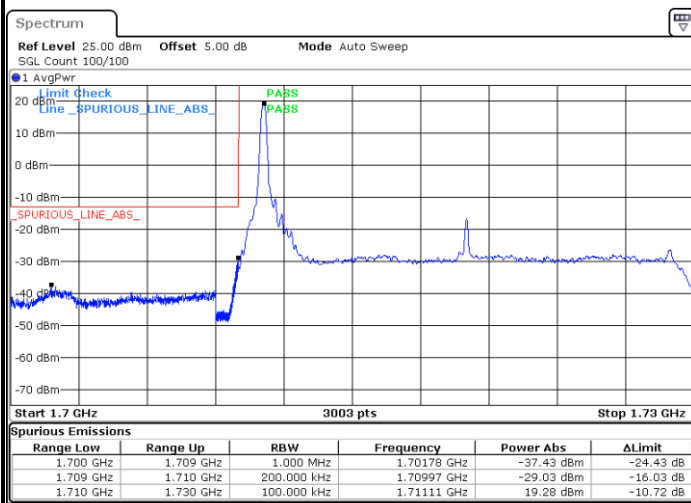
Highest Band Edge / Full RB



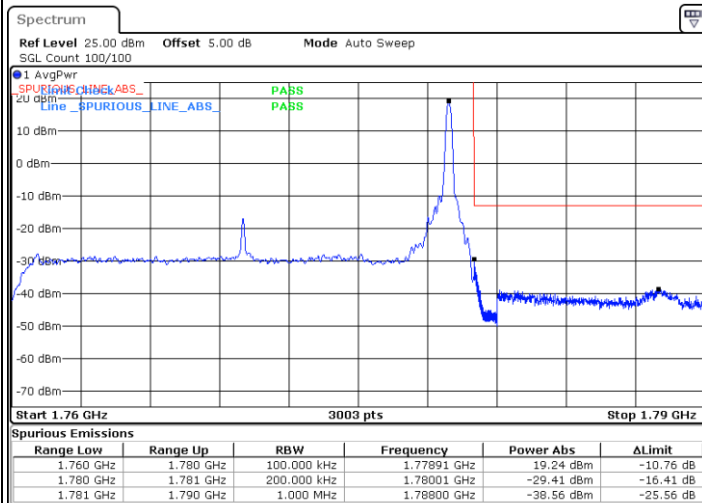


LTE Band 66 / 20MHz / 64QAM

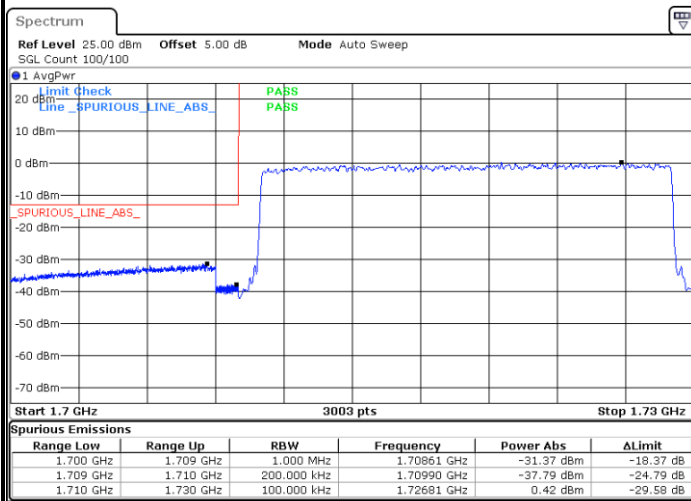
Lowest Band Edge / 1 RB



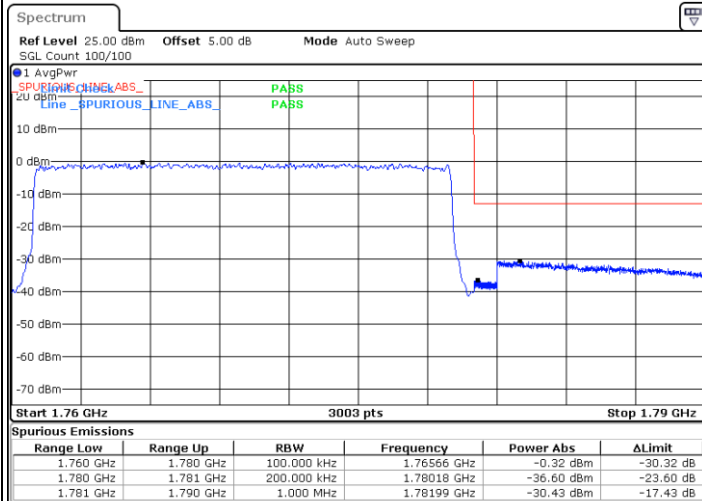
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

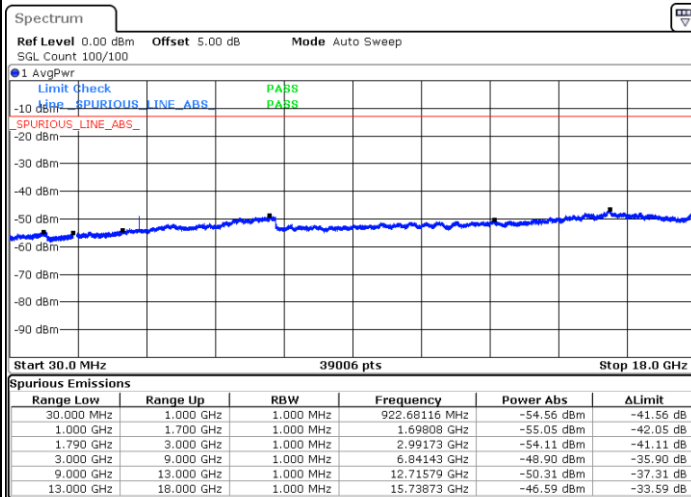




Conducted Spurious Emission

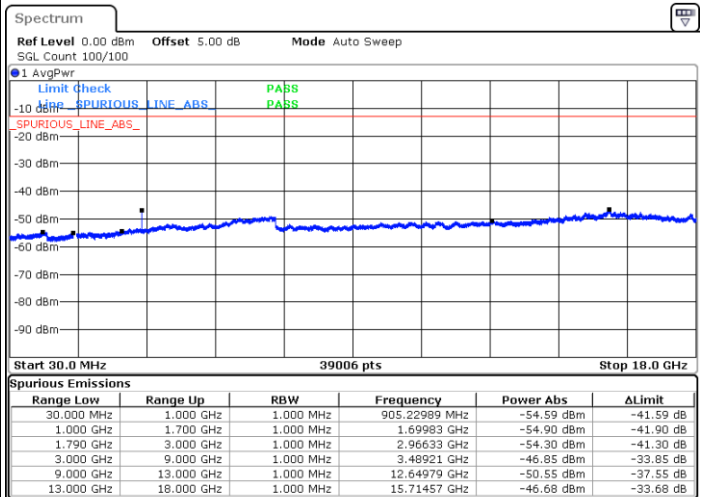
LTE Band 66 / 1.4MHz

Lowest Channel / QPSK



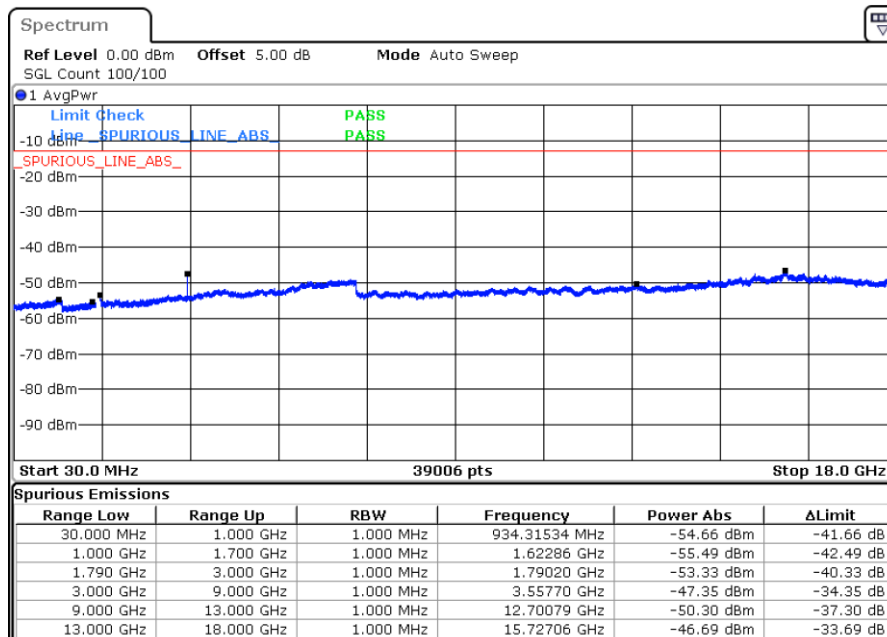
Date: 6.DEC.2021 11:18:50

Middle Channel / QPSK



Date: 6.DEC.2021 11:34:55

Highest Channel / QPSK

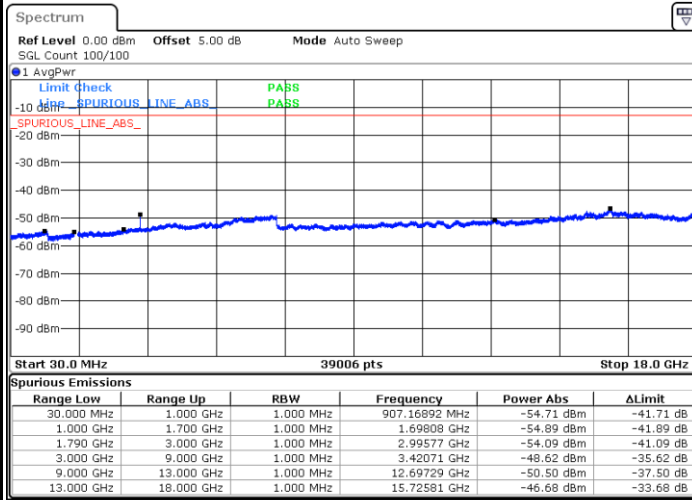


Date: 6.DEC.2021 11:37:17



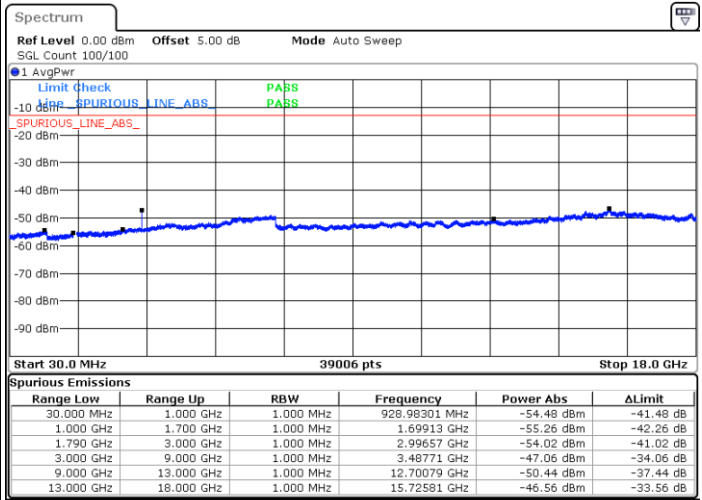
LTE Band 66 / 3MHz

Lowest Channel / QPSK



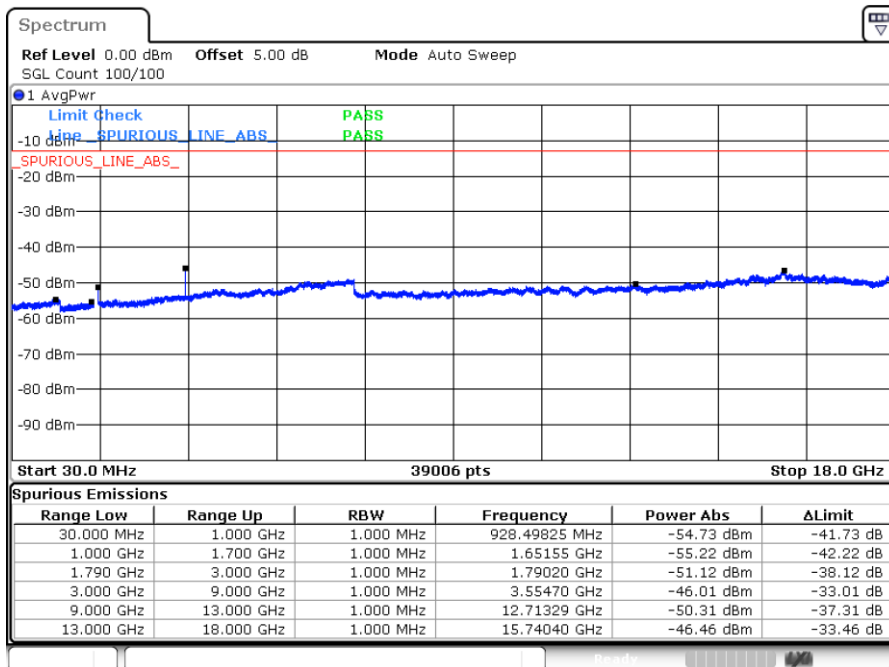
Date: 6.DEC.2021 11:50:17

Middle Channel / QPSK



Date: 6.DEC.2021 12:02:29

Highest Channel / QPSK

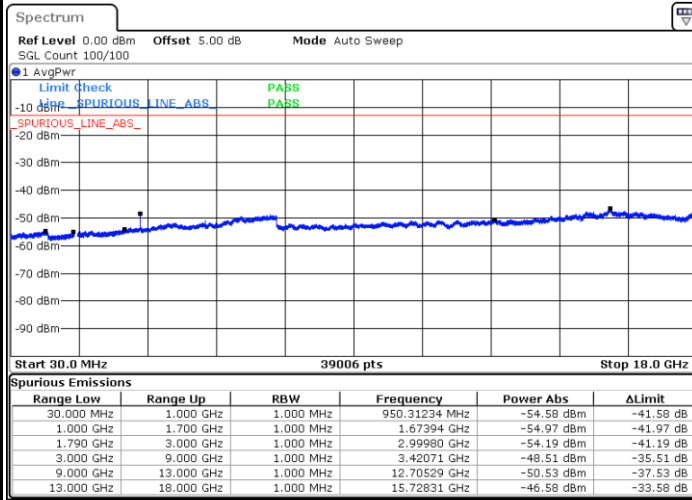


Date: 6.DEC.2021 12:04:51



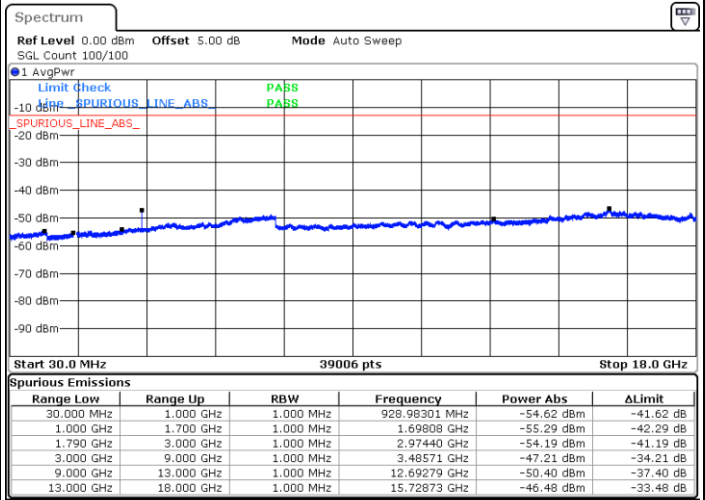
LTE Band 66 / 5MHz

Lowest Channel / QPSK



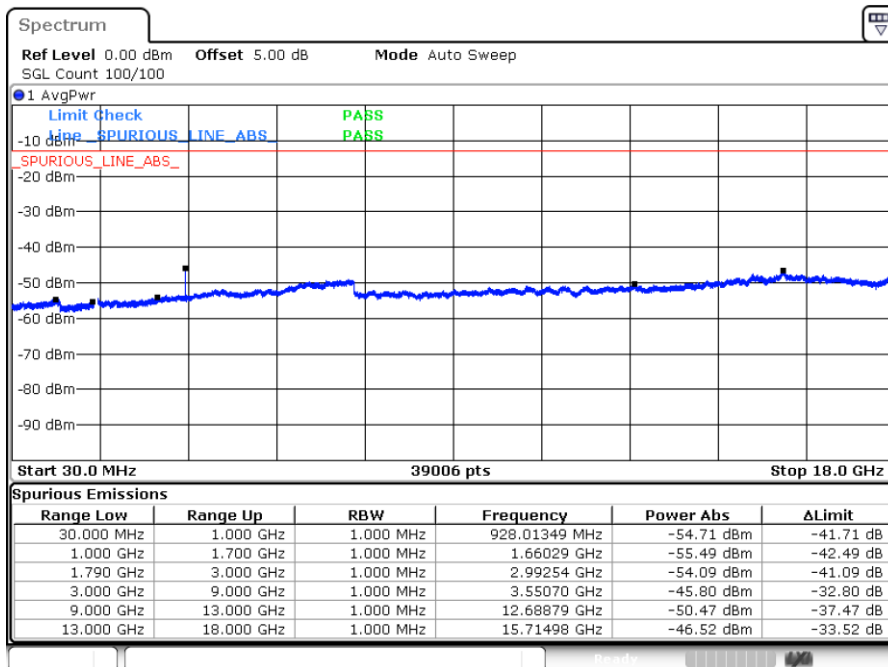
Date: 6.DEC.2021 12:17:48

Middle Channel / QPSK



Date: 6.DEC.2021 12:29:58

Highest Channel / QPSK

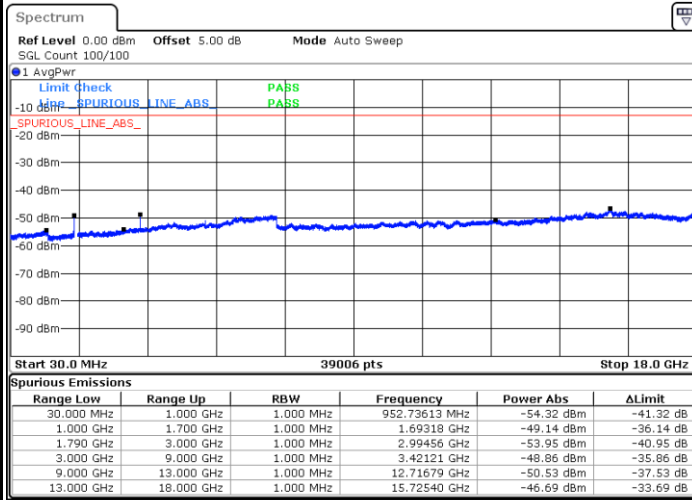


Date: 6.DEC.2021 12:32:20



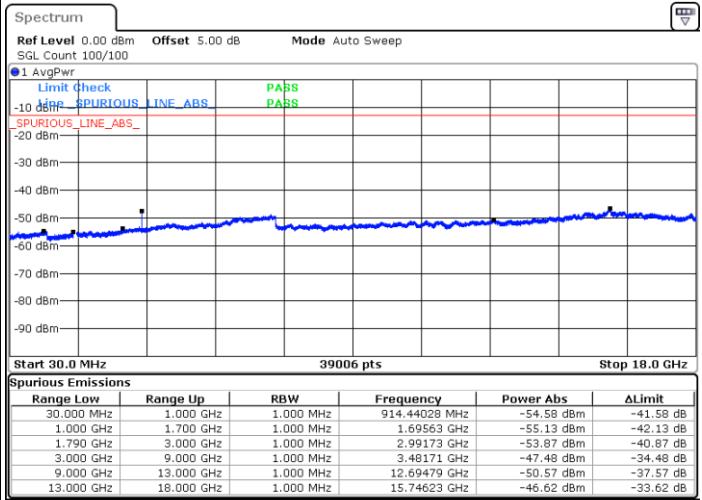
LTE Band 66 / 10MHz

Lowest Channel / QPSK



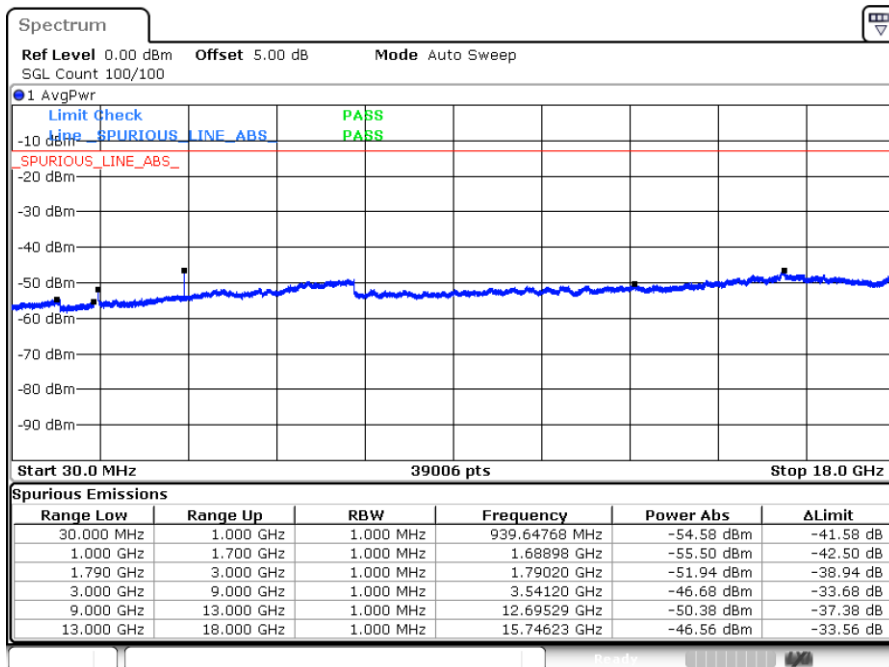
Date: 6.DEC.2021 12:45:17

Middle Channel / QPSK



Date: 6.DEC.2021 12:57:26

Highest Channel / QPSK

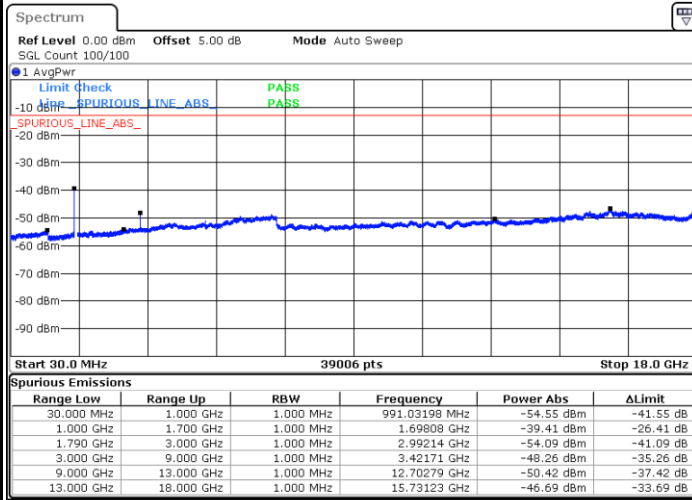


Date: 6.DEC.2021 13:00:43



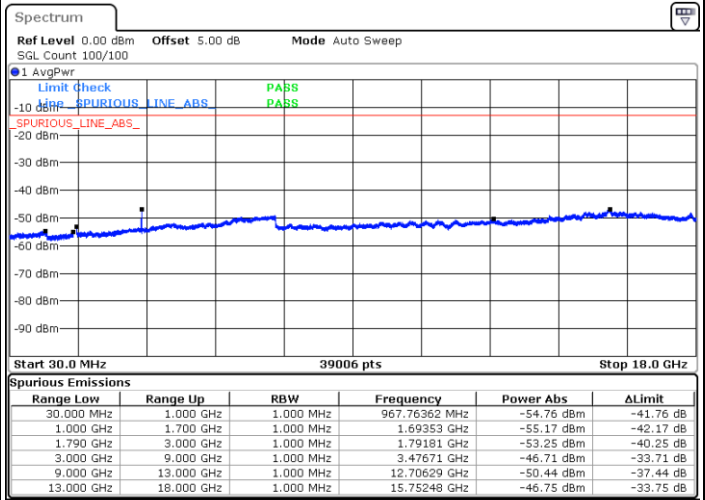
LTE Band 66 / 15MHz

Lowest Channel / QPSK



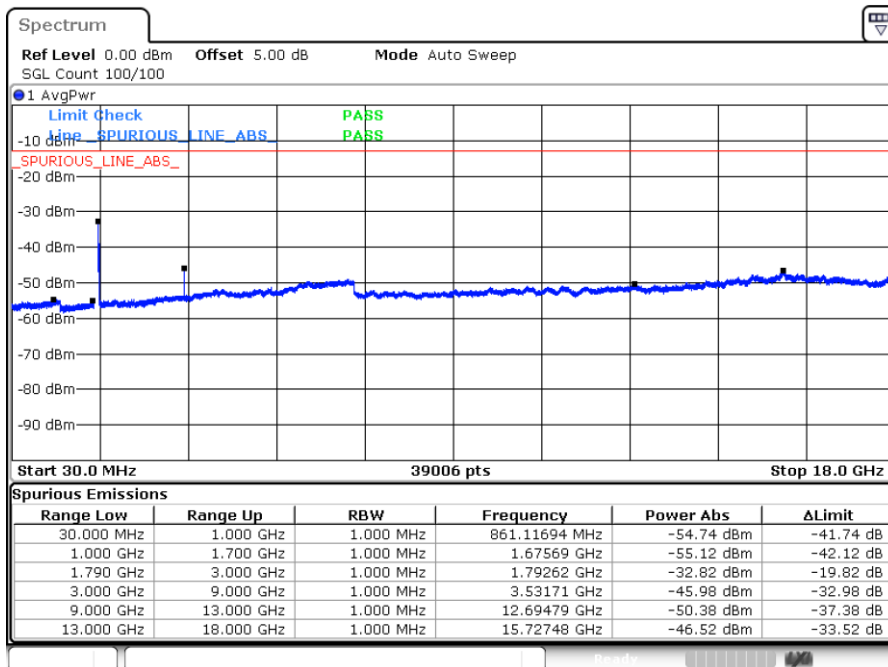
Date: 6.DEC.2021 13:13:41

Middle Channel / QPSK



Date: 6.DEC.2021 13:25:52

Highest Channel / QPSK

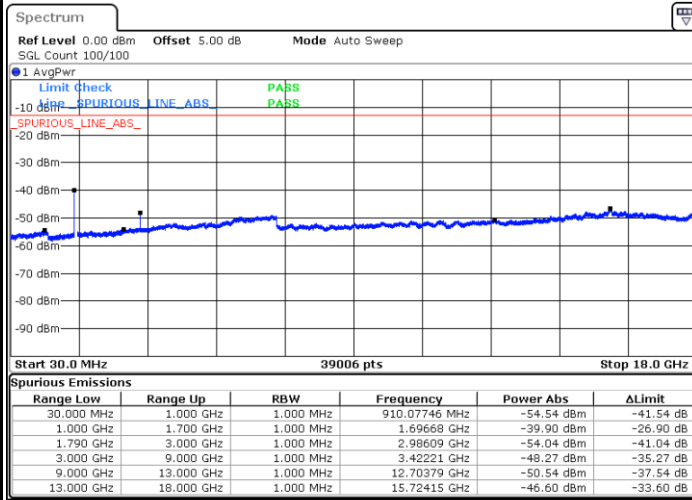


Date: 6.DEC.2021 13:28:13



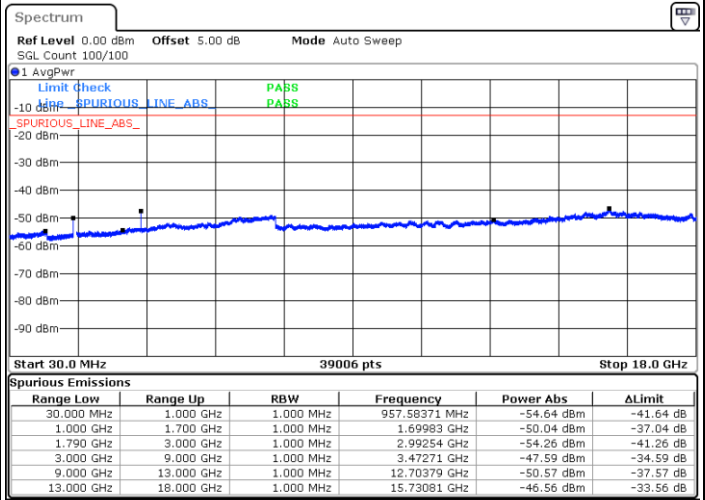
LTE Band 66 / 20MHz

Lowest Channel / QPSK



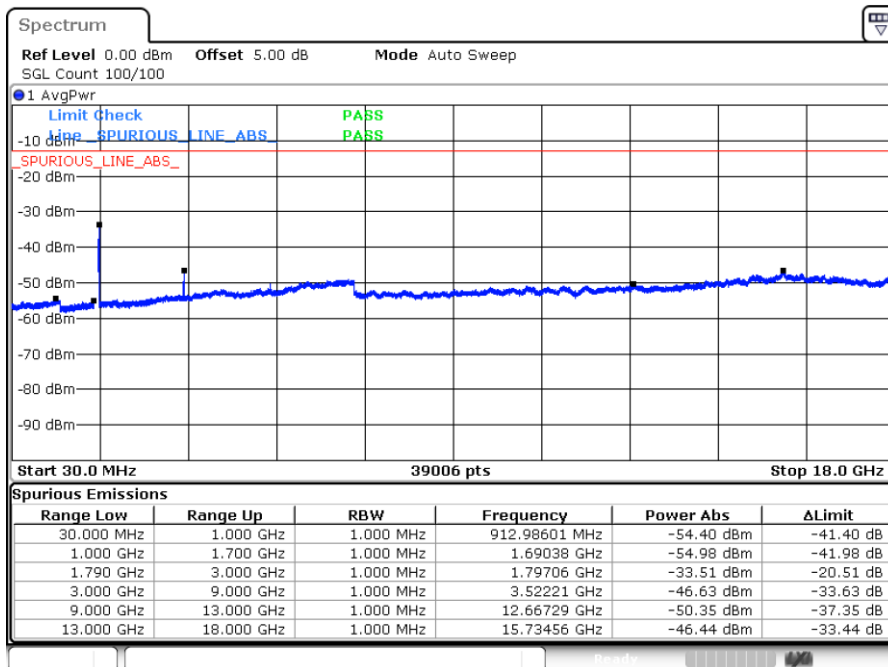
Date: 6.DEC.2021 13:41:10

Middle Channel / QPSK



Date: 6.DEC.2021 13:53:21

Highest Channel / QPSK



Date: 6.DEC.2021 13:55:45

**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	0.0008	PASS
40	Normal Voltage	0.0005	
30	Normal Voltage	0.0003	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0015	
0	Normal Voltage	0.0009	
-10	Normal Voltage	0.0016	
-20	Normal Voltage	0.0013	
-30	Normal Voltage	0.0021	
20	Maximum Voltage	0.0025	
20	Normal Voltage	0.0017	
20	Battery End Point	0.0006	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.2 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 :	Chris Chen	Temperature :	22~23℃
		Relative Humidity :	41~42%

LTE Band 12 / 10MHz / 64QAM								
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	1408	-67.02	-13	-54.02	-73.99	1.58	10.70	H
	2107	-61.35	-13	-48.35	-69.60	2.102	12.50	H
	2810	-59.90	-13	-46.90	-68.79	2.856	13.90	H
	1406	-66.54	-13	-53.54	-73.51	1.58	10.70	V
	2107	-60.44	-13	-47.44	-68.69	2.10	12.50	V
	2808	-59.23	-13	-46.23	-68.12	2.86	13.90	V

LTE Band 13 / 5MHz / 64QAM								
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	1560	-63.81	-40	-23.81	-68.59	1.09	5.87	H
	2336	-61.98	-13	-48.98	-64.38	1.37	5.92	H
	3110	-59.88	-13	-46.88	-63.77	1.64	7.68	H
	1560	-63.08	-40	-23.08	-67.86	1.09	5.87	V
	2336	-58.89	-13	-45.89	-61.29	1.37	5.92	V
	3119	-59.48	-13	-46.48	-63.37	1.64	7.68	V

LTE Band 13 / 10MHz / 64QAM								
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	1552	-65.98	-13	-52.98	-68.61	1.09	5.87	H
	2332	-61.78	-13	-48.78	-64.18	1.37	5.92	H
	3110	-59.80	-13	-46.80	-63.69	1.64	7.68	H
	1552	-65.44	-13	-52.44	-68.07	1.09	5.87	V
	2336	-58.49	-13	-45.49	-60.89	1.37	5.92	V
	3110	-59.62	-13	-46.62	-63.51	1.64	7.68	V



LTE Band 41 / 20MHz / 64QAM								
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	5168	-64.84	-25	-39.84	-75.05	3.03	13.24	H
	7752	-62.86	-25	-37.86	-72.31	3.56	13.01	H
	10340	-61.61	-25	-36.61	-71.13	3.92	13.44	H
	5168	-64.81	-25	-39.81	-75.02	3.03	13.24	V
	7752	-62.48	-25	-37.48	-71.93	3.56	13.01	V
	10340	-62.15	-25	-37.15	-71.67	3.92	13.44	V

LTE Band 66 / 20MHz / 64QAM								
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	3492	-55.54	-13	-42.54	-66.28	2.604	13.34	H
	5238	-46.14	-13	-33.14	-56.65	3.011	13.52	H
	6984	-53.06	-13	-40.06	-63.26	3.271	13.47	H
	3492	-57.26	-13	-44.26	-68.00	2.604	13.34	V
	5238	-46.06	-13	-33.06	-56.57	3.011	13.52	V
	6984	-53.50	-13	-40.50	-63.70	3.271	13.47	V

LTE Band 41C_CA / 20MHz+20MHz / 64QAM								
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	5162	-63.78	-25	-38.78	-73.99	3.03	13.24	H
	7752	-62.42	-25	-37.42	-71.87	3.56	13.01	H
	10342	-61.14	-25	-36.14	-70.66	3.92	13.44	H
	5162	-63.59	-25	-38.59	-73.80	3.03	13.24	V
	7752	-62.19	-25	-37.19	-71.64	3.56	13.01	V
	10342	-61.67	-25	-36.67	-71.19	3.92	13.44	V

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