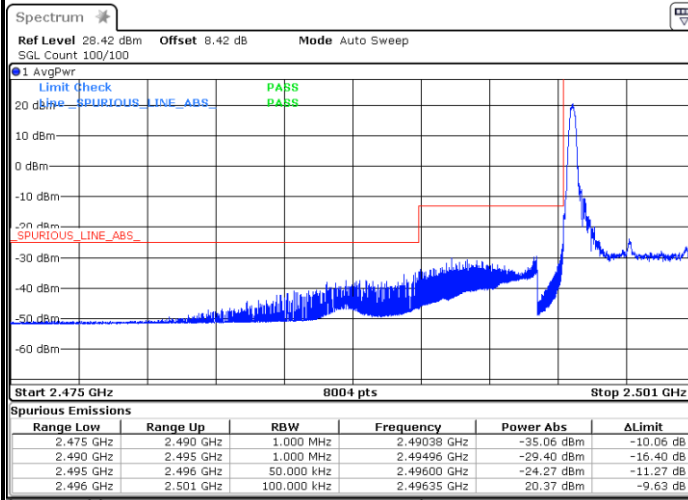


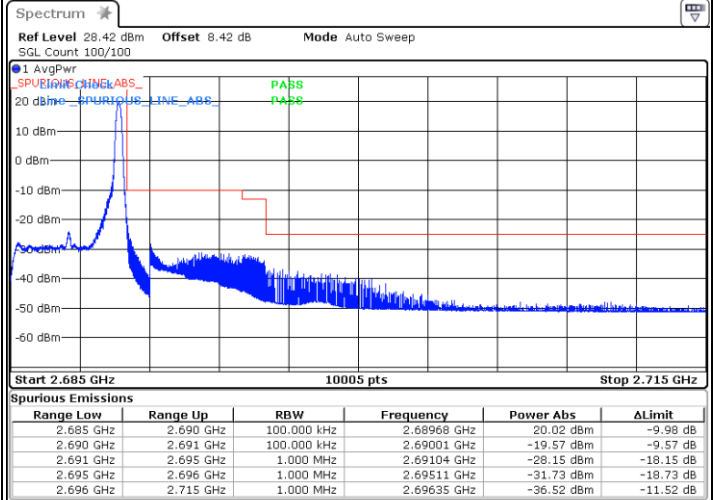


LTE Band 41 / 5MHz / 64QAM

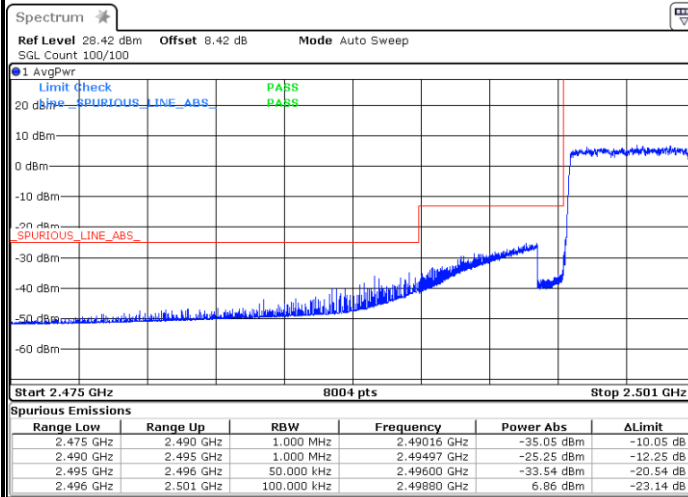
Lowest Band Edge / 1RB



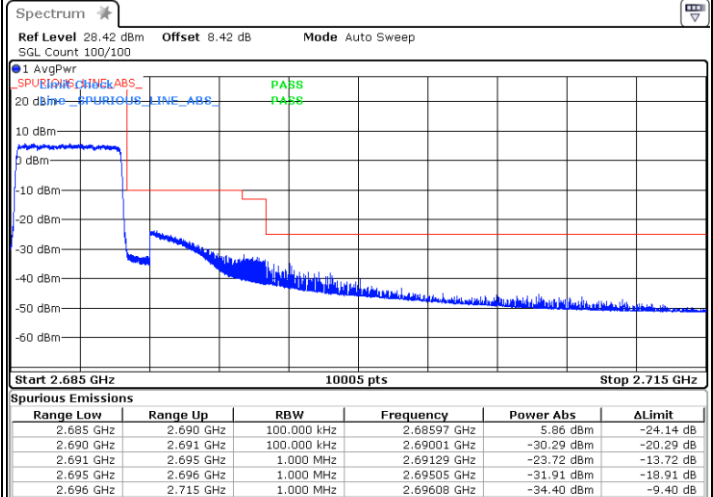
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



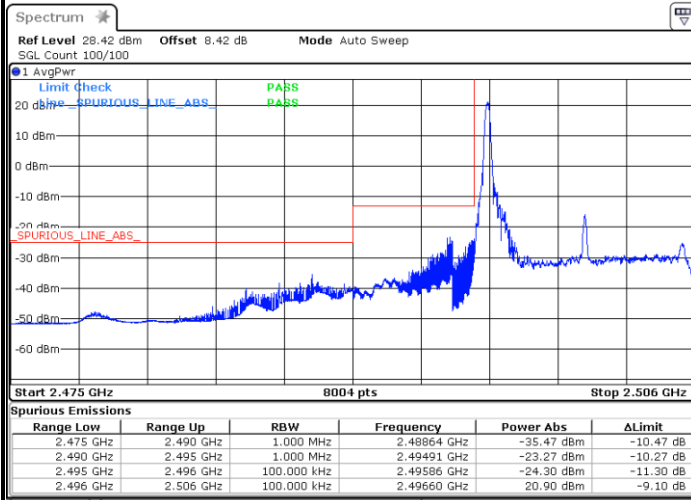
Highest Band Edge / Full RB



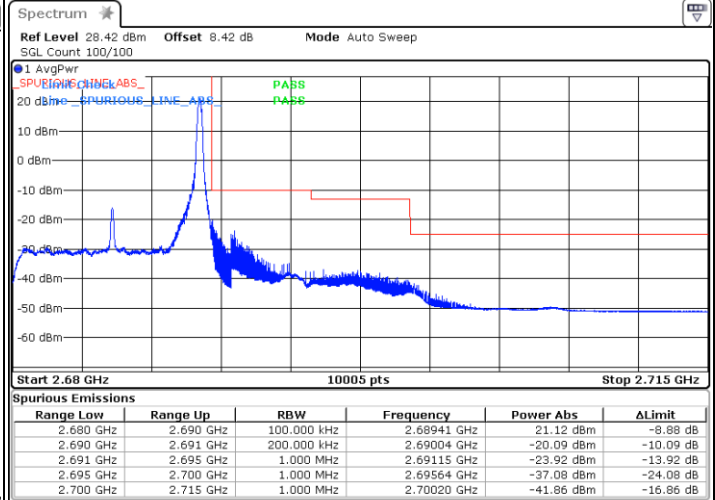


LTE Band 41 / 10MHz / QPSK

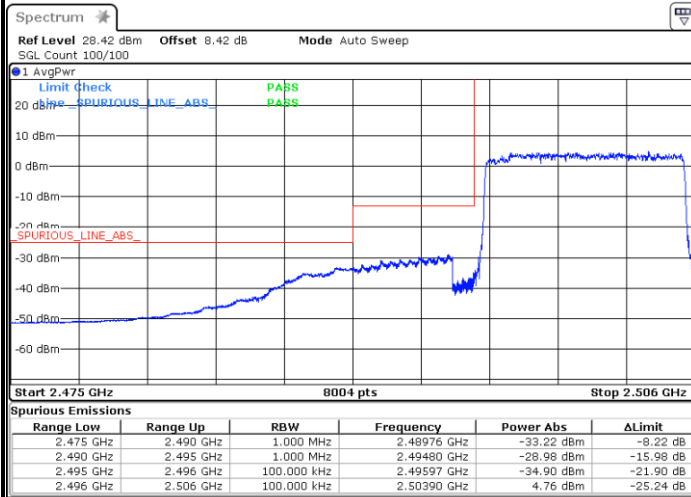
Lowest Band Edge / 1 RB



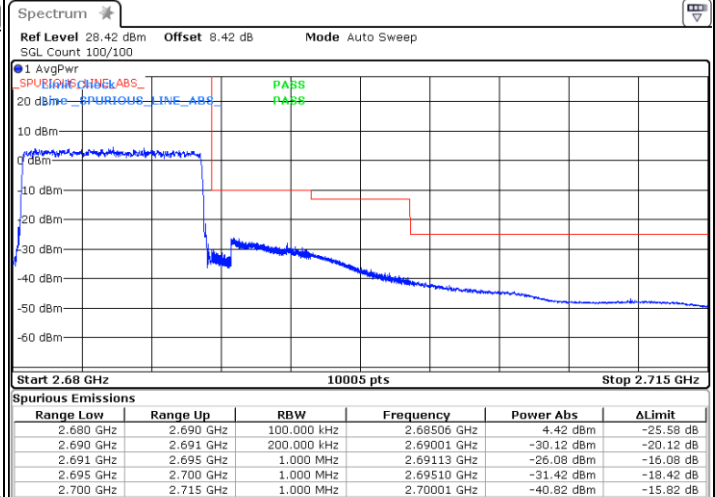
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



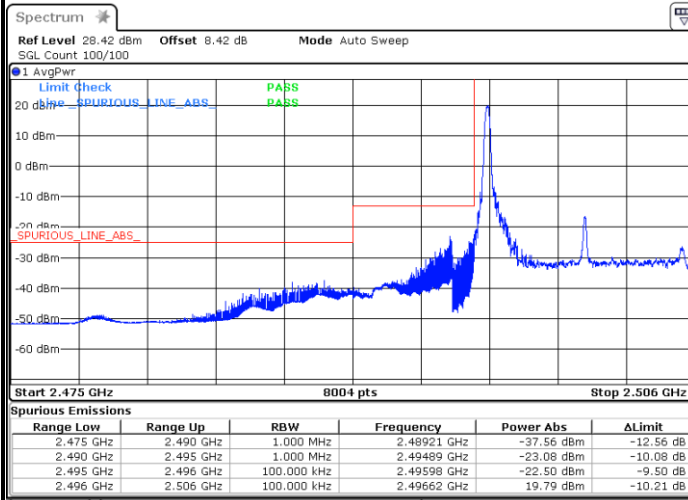
Highest Band Edge / Full RB



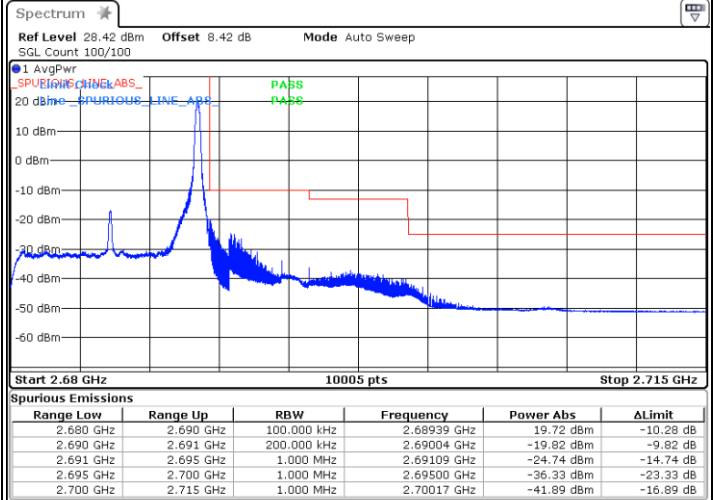


LTE Band 41 / 10MHz / 16QAM

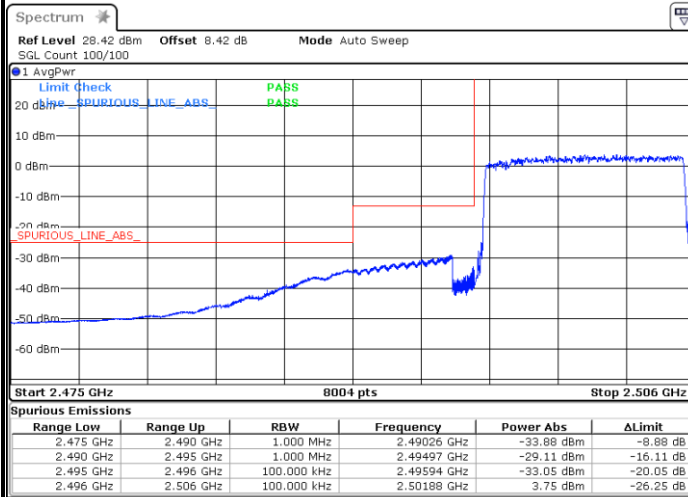
Lowest Band Edge / 1 RB



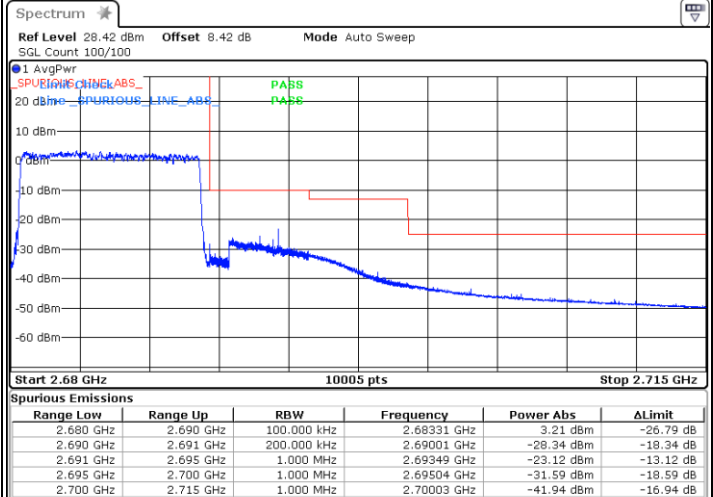
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



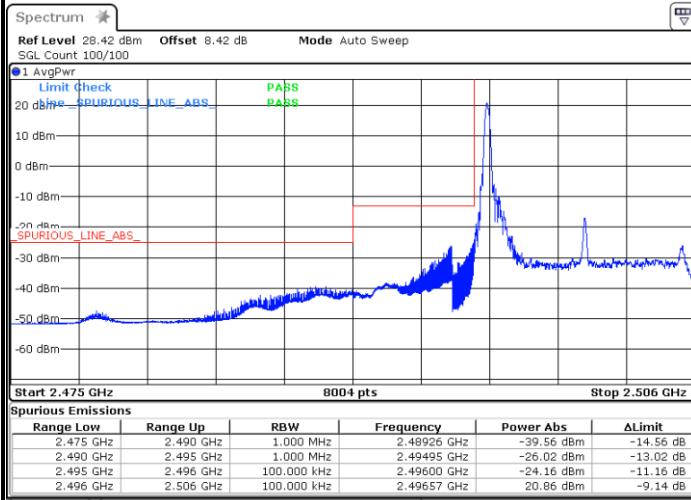
Highest Band Edge / Full RB



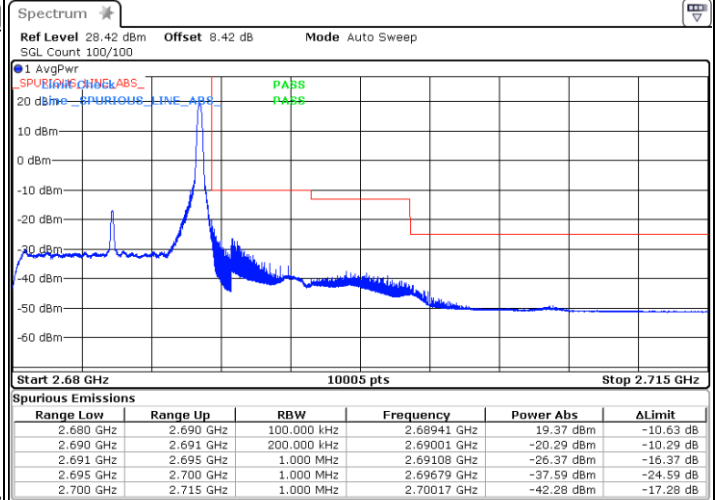


LTE Band 41 / 10MHz / 64QAM

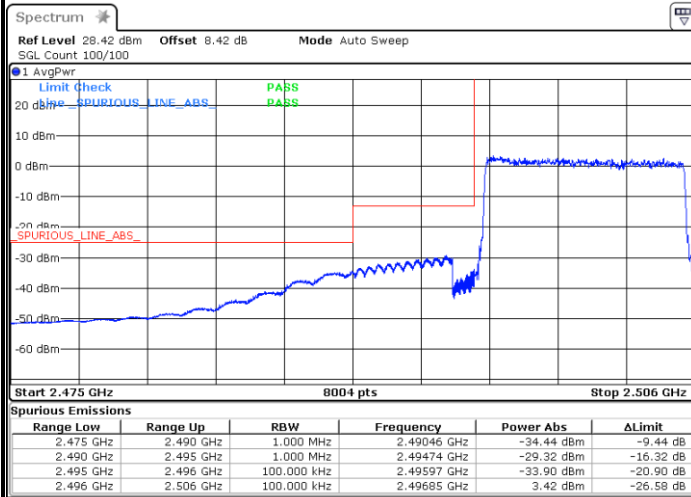
Lowest Band Edge / 1 RB



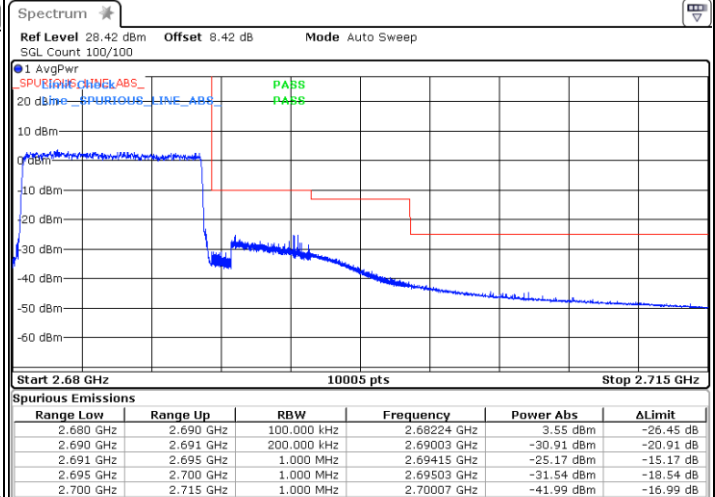
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



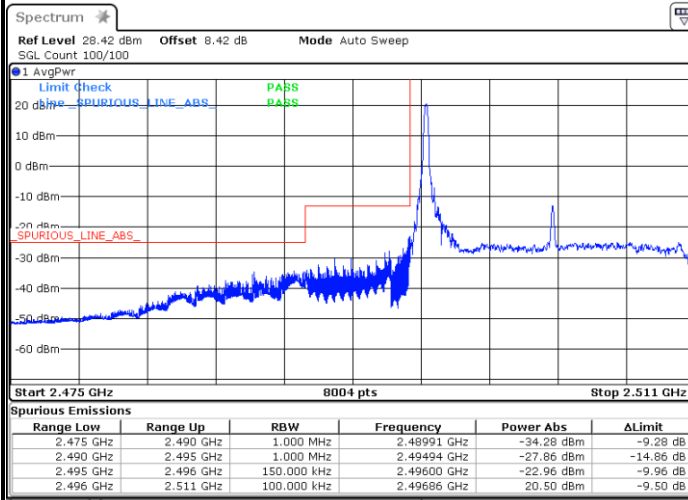
Highest Band Edge / Full RB



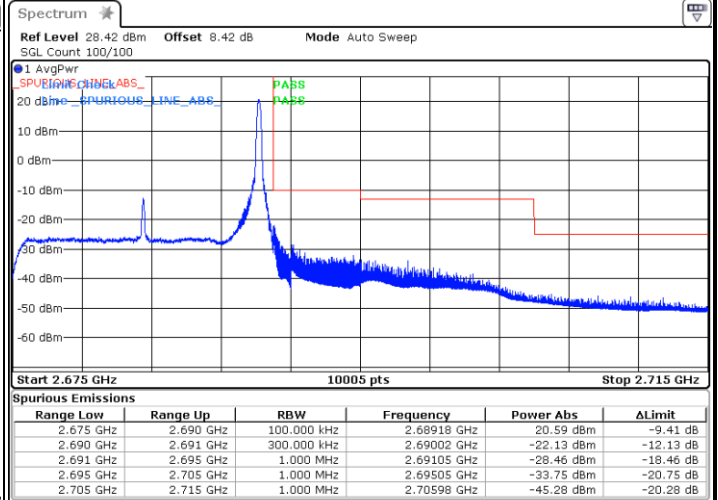


LTE Band 41 / 15MHz / QPSK

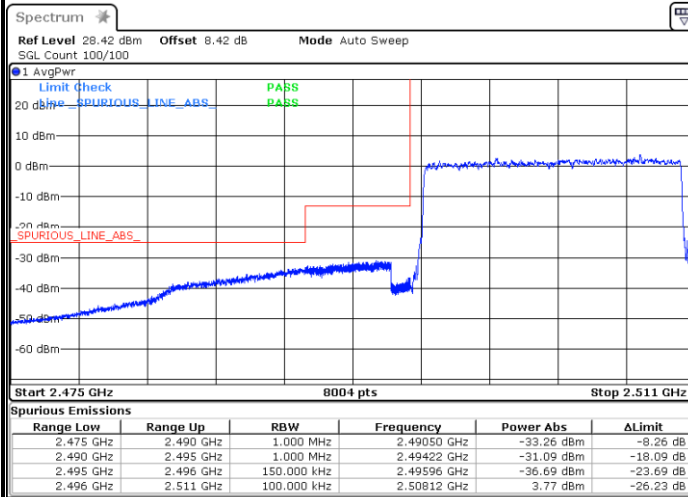
Lowest Band Edge / 1 RB



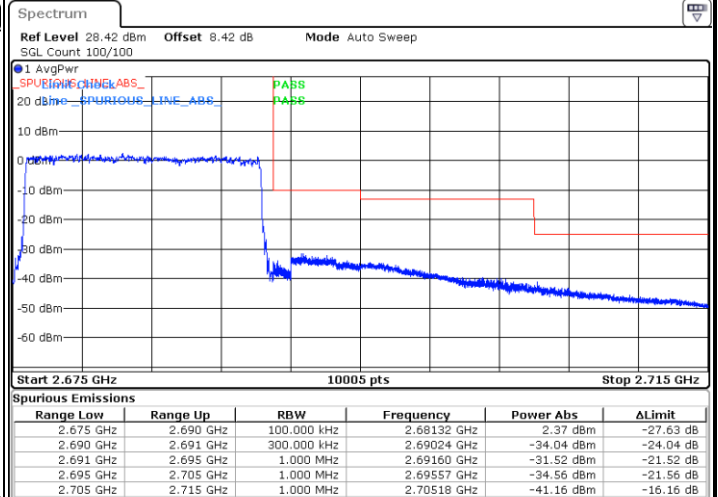
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



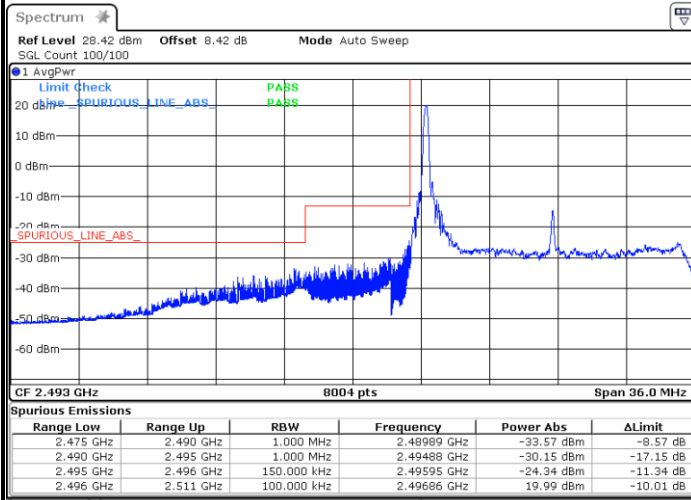
Highest Band Edge / Full RB



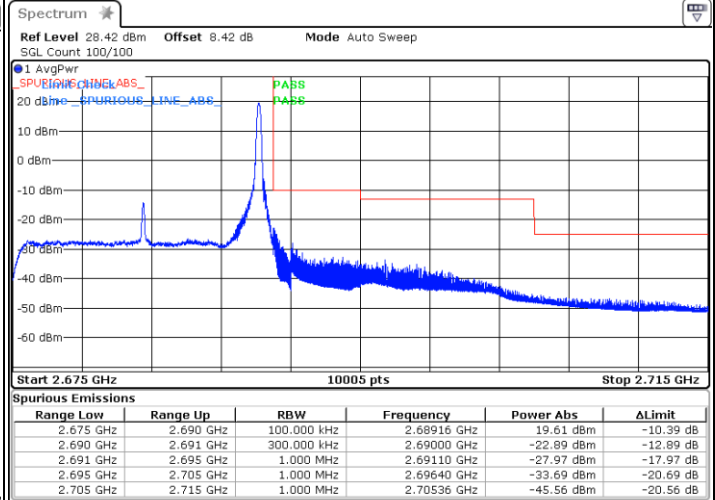


LTE Band 41 / 15MHz / 16QAM

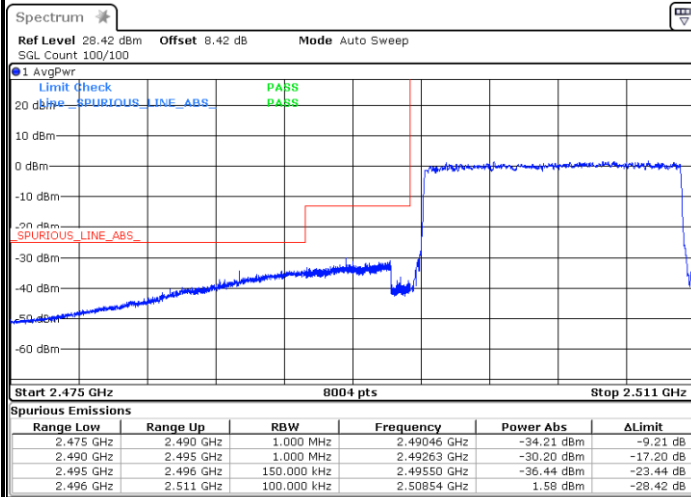
Lowest Band Edge / 1 RB



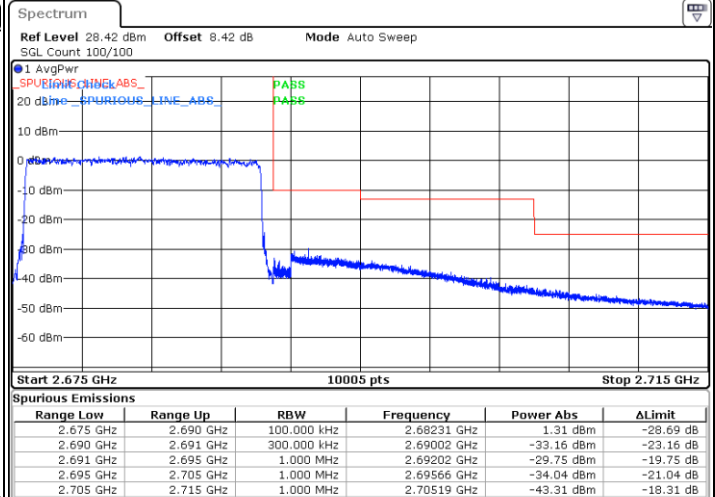
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



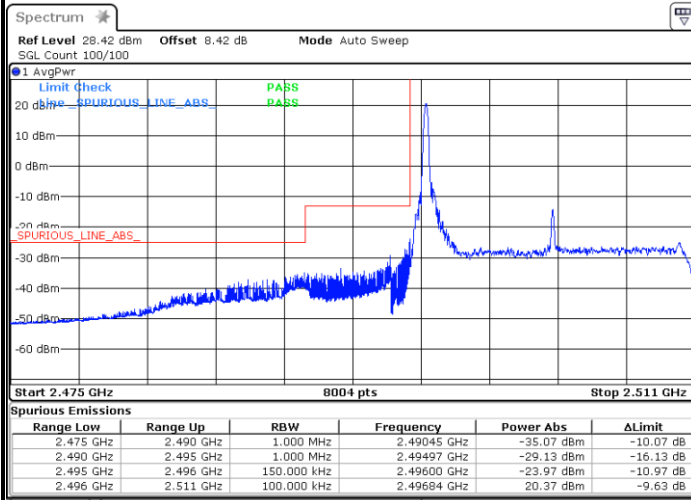
Highest Band Edge / Full RB



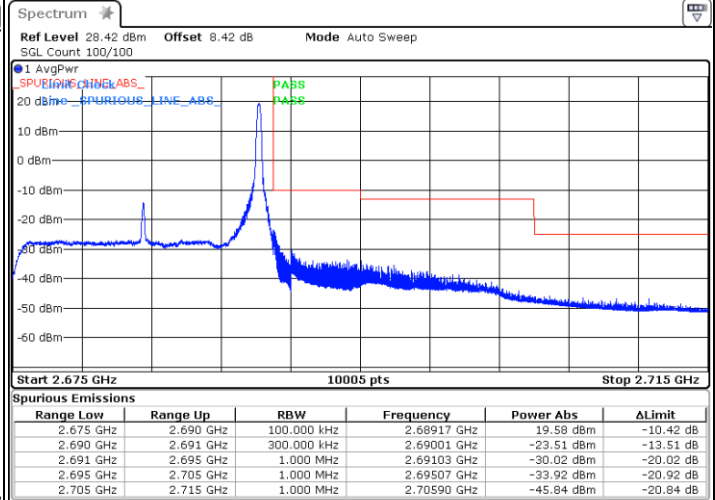


LTE Band 41 / 15MHz / 64QAM

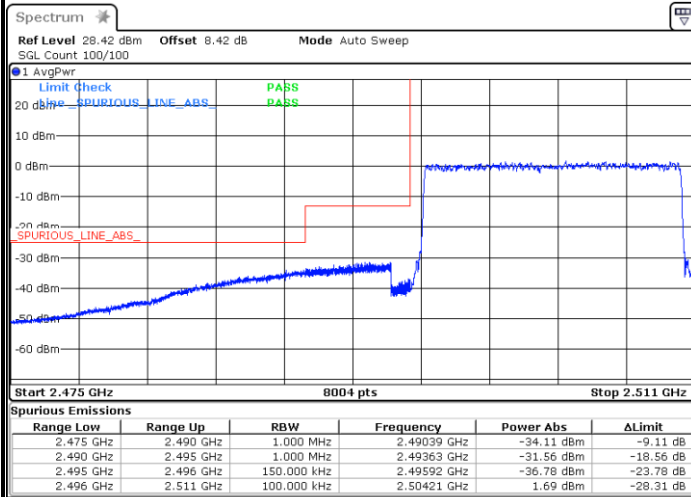
Lowest Band Edge / 1 RB



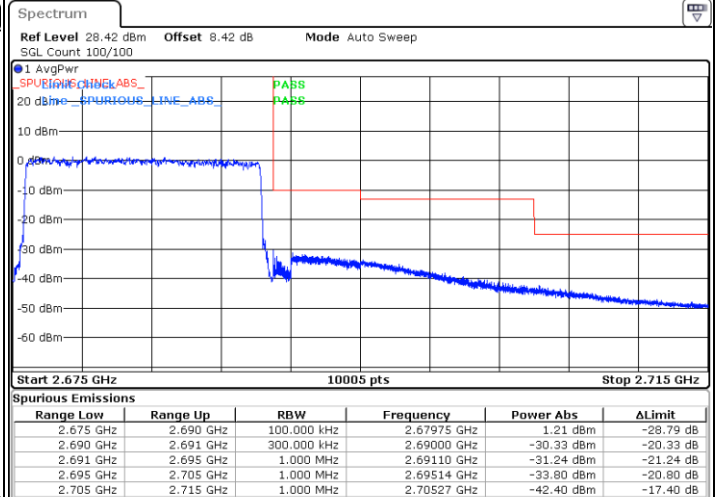
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



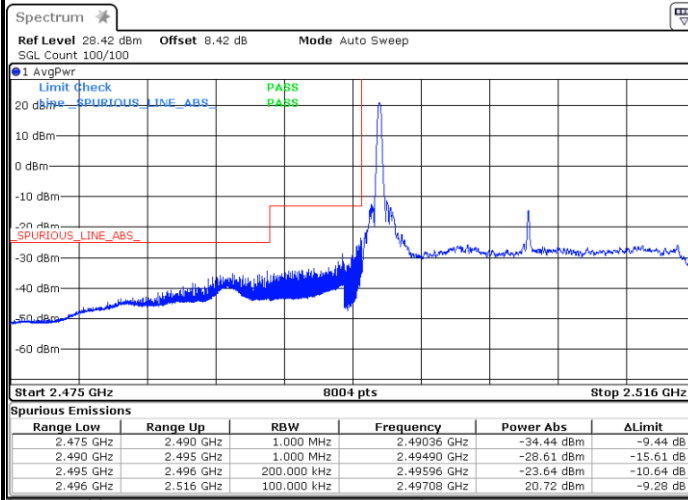
Highest Band Edge / Full RB



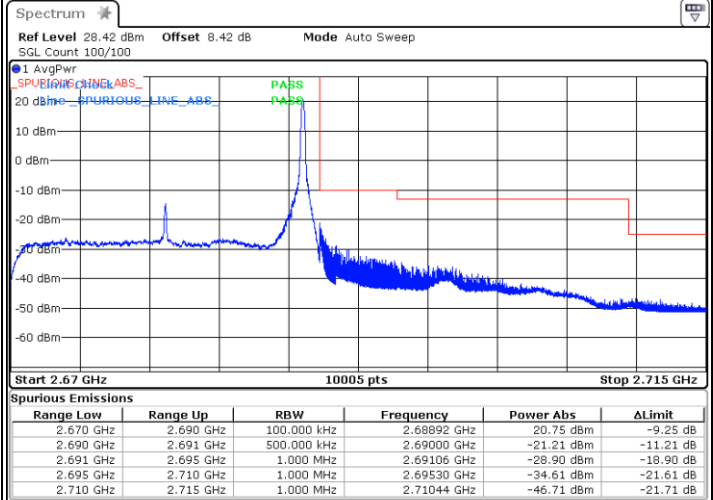


LTE Band 41 / 20MHz / QPSK

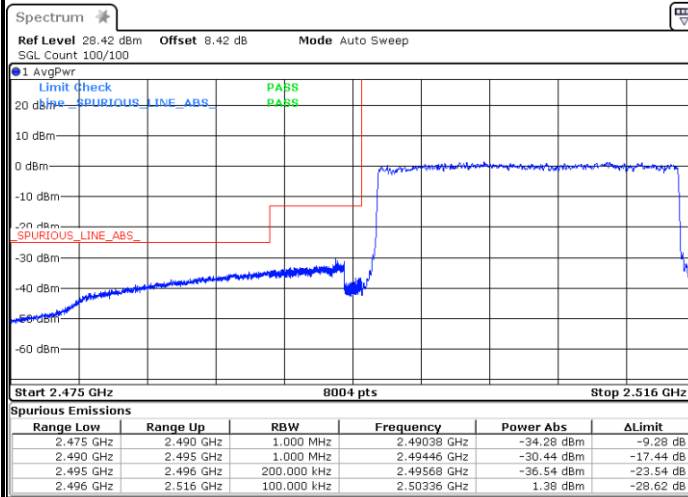
Lowest Band Edge / 1 RB



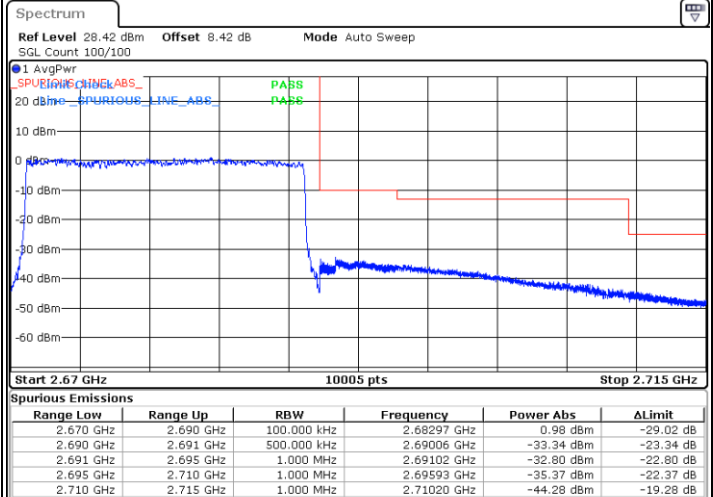
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



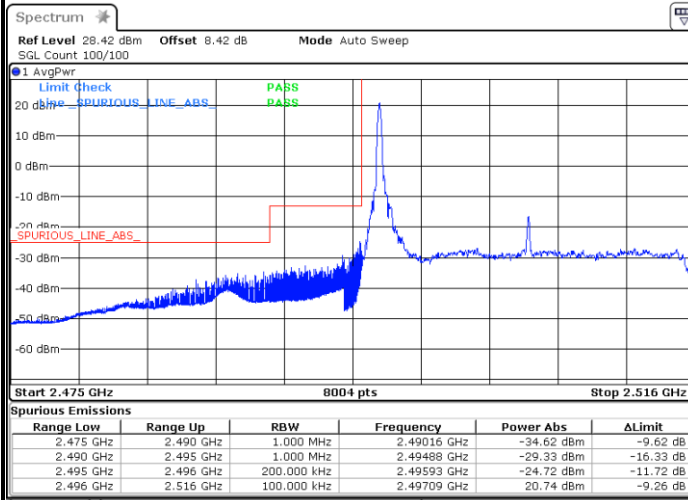
Highest Band Edge / Full RB



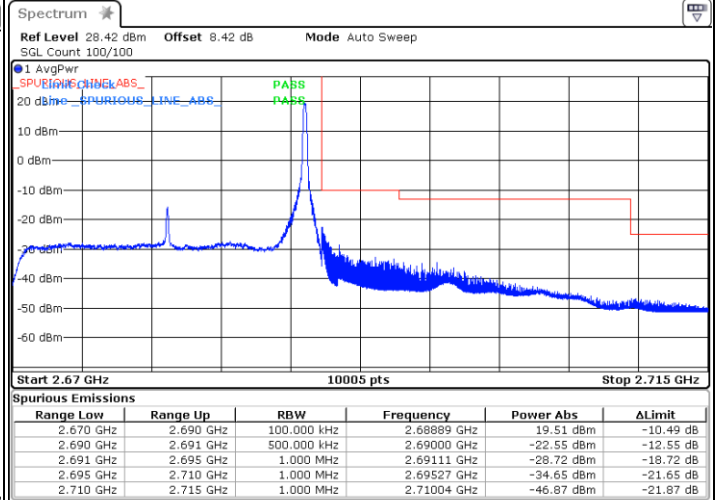


LTE Band 41 / 20MHz / 16QAM

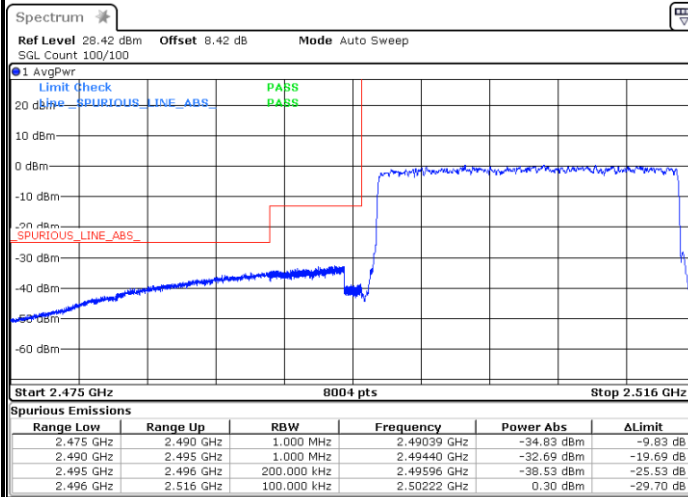
Lowest Band Edge / 1 RB



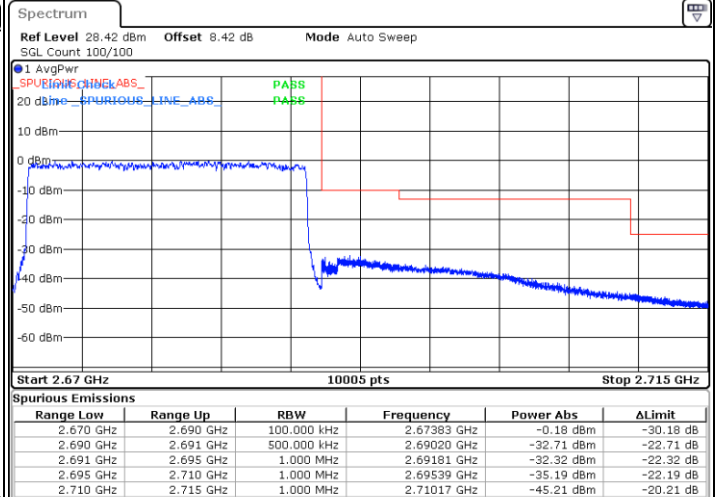
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



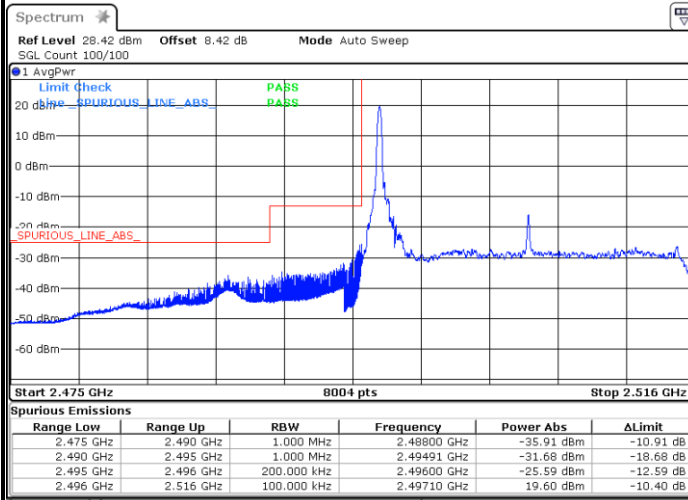
Highest Band Edge / Full RB



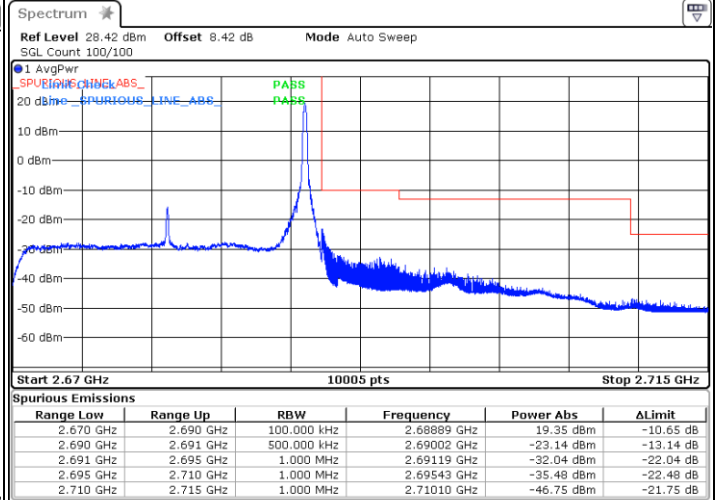


LTE Band 41 / 20MHz / 64QAM

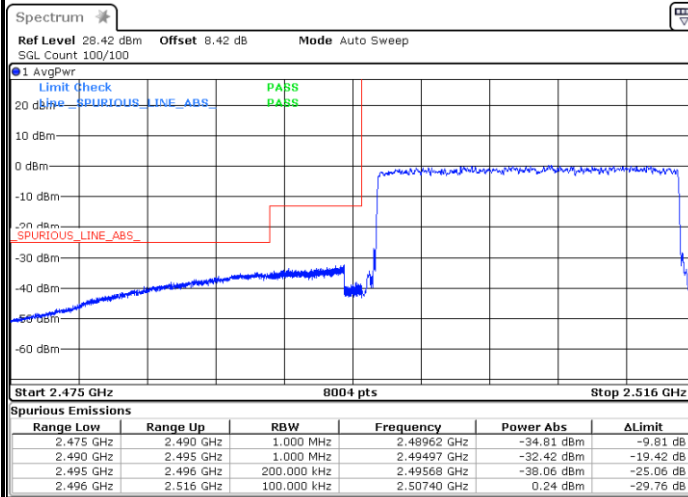
Lowest Band Edge / 1 RB



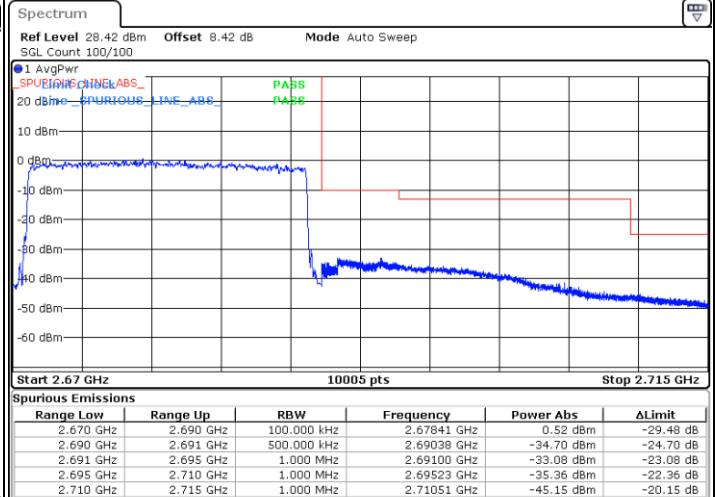
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB



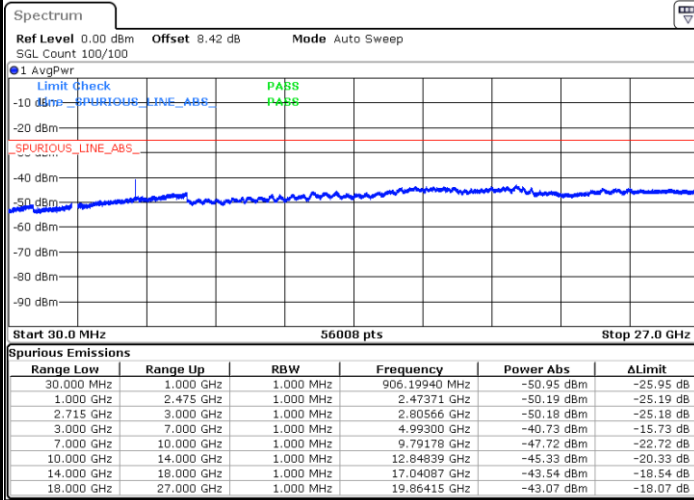


Conducted Spurious Emission



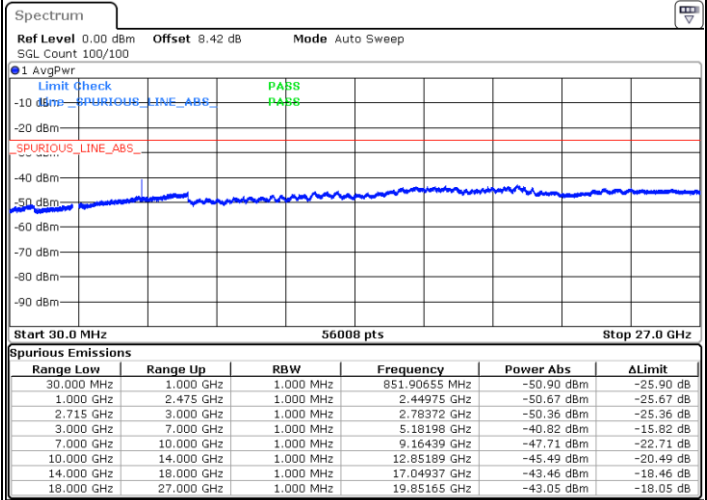
LTE Band 41 / 5MHz

Lowest Channel / QPSK



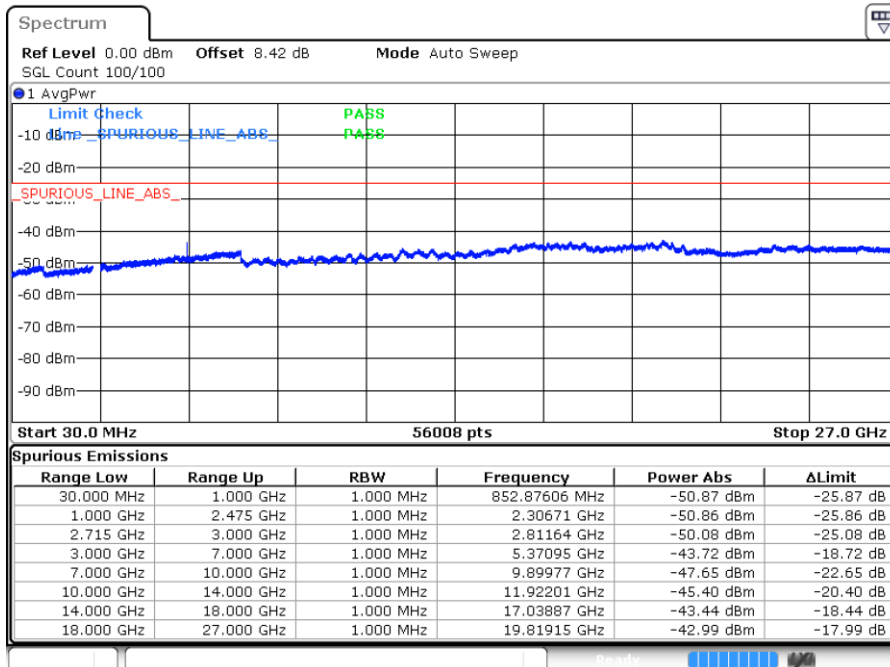
Date: 14 APR 2021 11:08:51

Middle Channel / QPSK



Date: 14 APR 2021 11:09:46

Highest Channel / QPSK

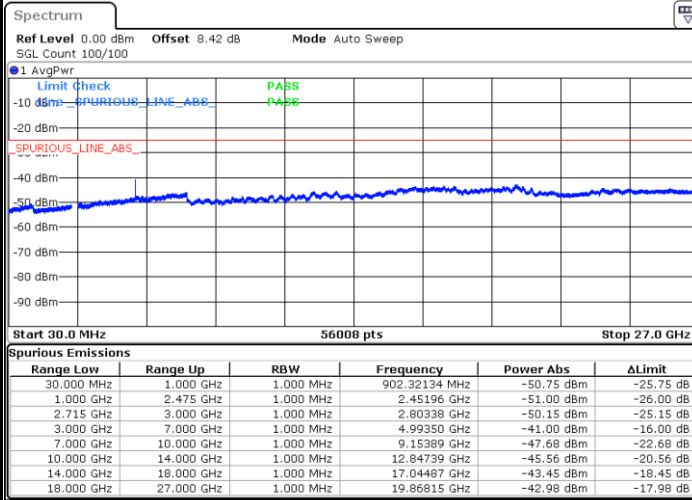


Date: 14 APR 2021 11:11:04



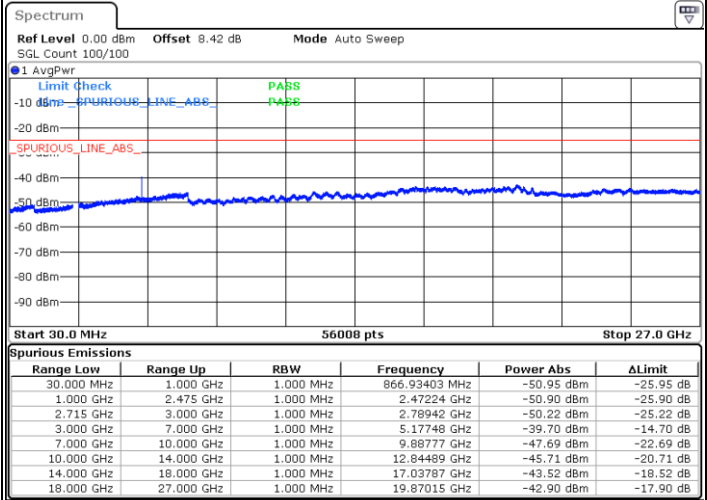
LTE Band 41 / 10MHz

Lowest Channel / QPSK



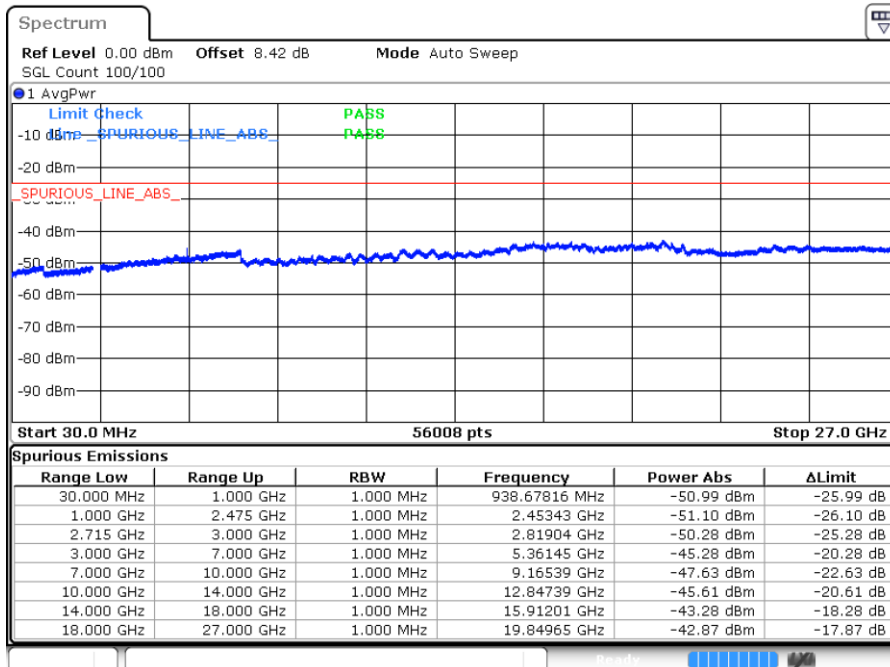
Date: 14 APR 2021 11:12:48

Middle Channel / QPSK



Date: 14 APR 2021 11:13:48

Highest Channel / QPSK



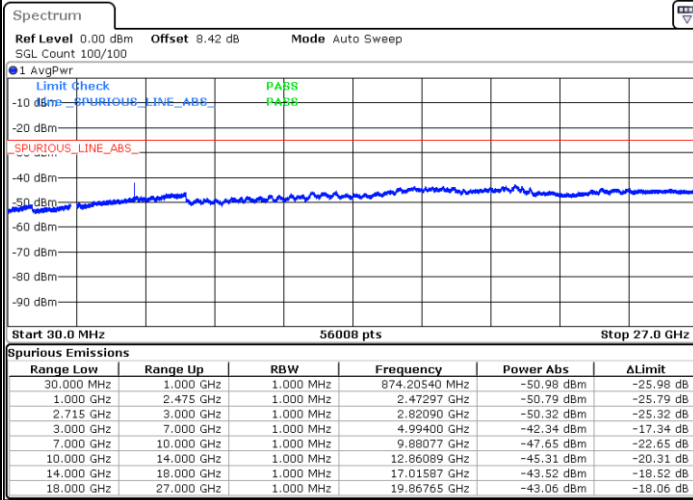
Date: 14 APR 2021 11:14:55



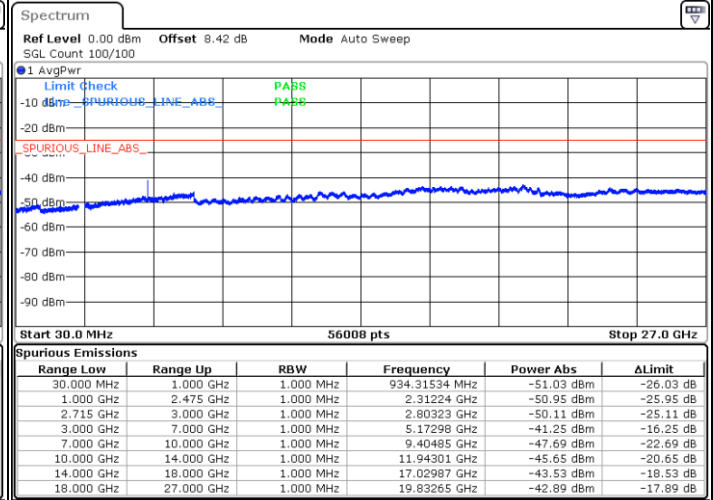
LTE Band 41 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

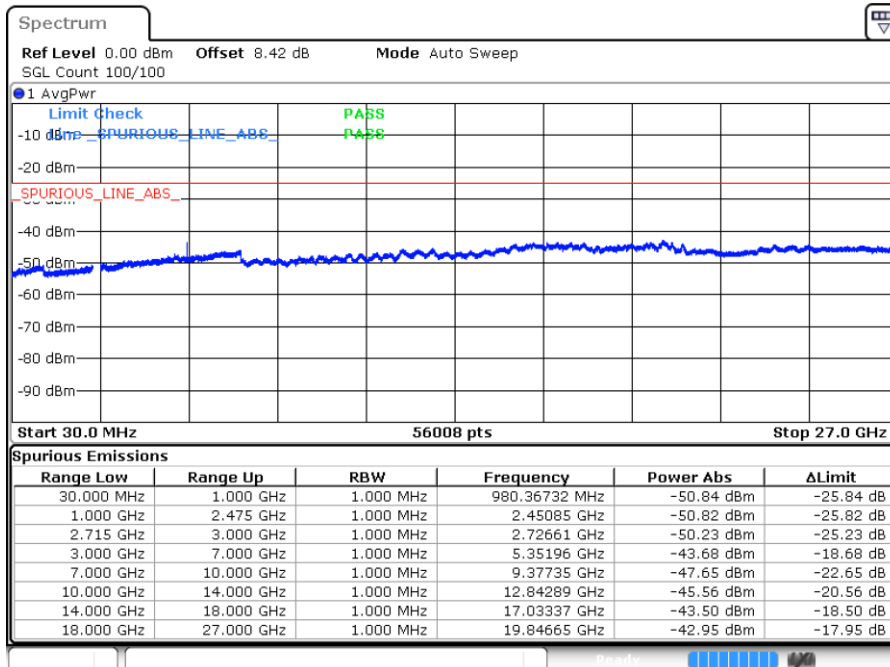


Date: 14 APR 2021 11:36:42



Date: 14 APR 2021 11:37:38

Highest Channel / QPSK

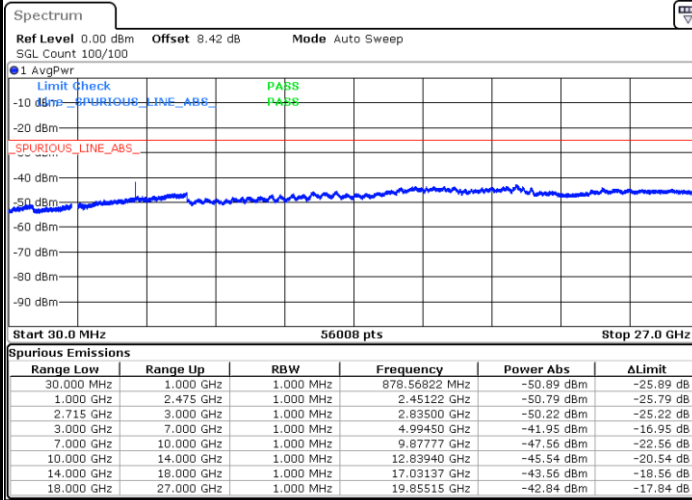


Date: 14 APR 2021 11:38:32



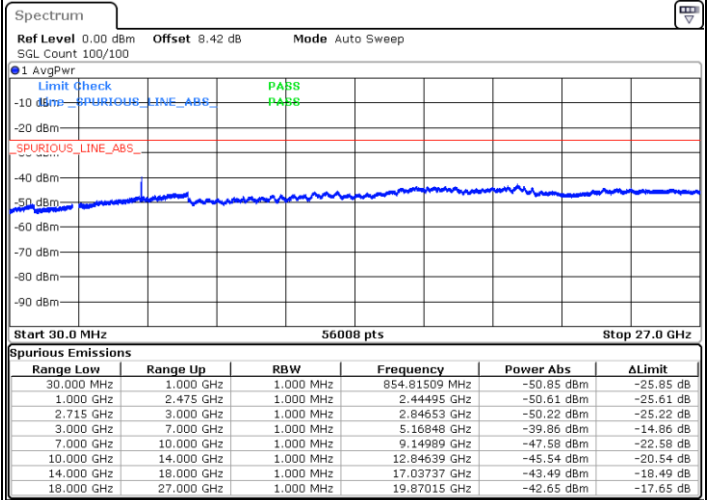
LTE Band 41 / 20MHz

Lowest Channel / QPSK



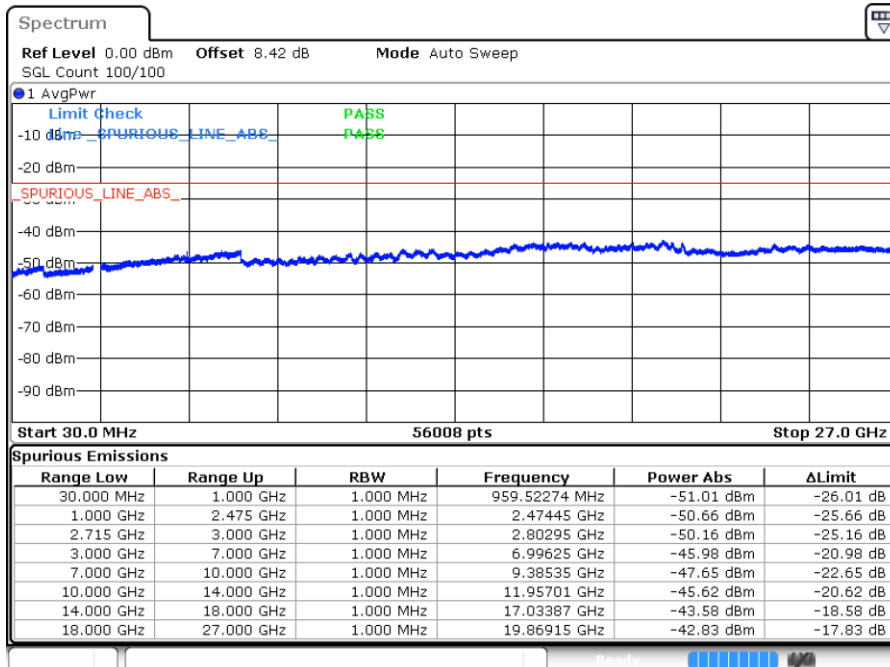
Date: 14 APR 2021 11:39:51

Middle Channel / QPSK



Date: 14 APR 2021 11:41:59

Highest Channel / QPSK



Date: 14 APR 2021 11:42:56

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	0.0011	PASS
40	Normal Voltage	0.0018	
30	Normal Voltage	0.0013	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0015	
0	Normal Voltage	0.0005	
-10	Normal Voltage	0.0010	
-20	Normal Voltage	0.0012	
-30	Normal Voltage	0.0004	
20	Maximum Voltage	0.0010	
20	Normal Voltage	0.0016	
20	Battery End Point	0.0015	

Note:

1. Normal Voltage =4.2V. ; Battery End Point (BEP) =3.8 V. ; Maximum Voltage =4.43V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

LTE Band 2 / 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)
Middle	3741	-56.20	-13	-43.20	-68.46	2.64	14.90	H
	5613	-54.28	-13	-41.28	-66.14	2.94	14.80	H
	7488	-52.07	-13	-39.07	-61.84	3.39	13.16	H
	3741	-55.90	-13	-42.90	-68.16	2.64	14.90	V
	5613	-54.88	-13	-41.88	-66.74	2.94	14.80	V
	7488	-52.28	-13	-39.28	-62.05	3.39	13.16	V

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

LTE Band 4 / 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)
Middle	3447	-52.00	-13	-39.00	-62.74	2.604	13.34	H
	5172	-54.52	-13	-41.52	-65.03	3.011	13.52	H
	6900	-54.37	-13	-41.37	-64.57	3.271	13.47	H
	3447	-57.08	-13	-44.08	-67.82	2.604	13.34	V
	5172	-54.50	-13	-41.50	-65.01	3.011	13.52	V
	6900	-54.46	-13	-41.46	-64.66	3.271	13.47	V

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

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)
Middle	5052	-59.09	-25	-34.09	-69.30	3.03	13.24	H
	7580	-58.73	-25	-33.73	-68.18	3.56	13.01	H
	10100	-59.07	-25	-34.07	-68.59	3.92	13.44	H
	5052	-57.67	-25	-32.67	-67.88	3.03	13.24	V
	7580	-55.32	-25	-30.32	-64.77	3.56	13.01	V
	10100	-59.31	-25	-34.31	-68.83	3.92	13.44	V

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



LTE Band 26 / 15MHz / 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)
Middle	1660	-62.35	-13	-49.35	-69.32	1.58	10.70	H
	2490	-58.17	-13	-45.17	-66.42	2.102	12.50	H
	3318	-58.32	-13	-45.32	-67.21	2.856	13.90	H
	1660	-61.80	-13	-48.80	-68.77	1.58	10.70	V
	2490	-56.39	-13	-43.39	-64.64	2.10	12.50	V
	3318	-58.14	-13	-45.14	-67.03	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)
Middle	5168	-52.43	-25	-27.43	-62.64	3.03	13.24	H
	7752	-57.08	-25	-32.08	-66.53	3.56	13.01	H
	10340	-59.02	-25	-34.02	-68.54	3.92	13.44	H
	5168	-53.13	-25	-28.13	-63.34	3.03	13.24	V
	7752	-57.87	-25	-32.87	-67.32	3.56	13.01	V
	10340	-59.14	-25	-34.14	-68.66	3.92	13.44	V

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