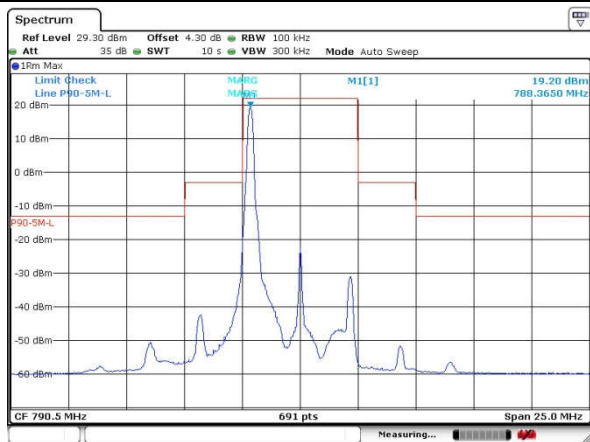
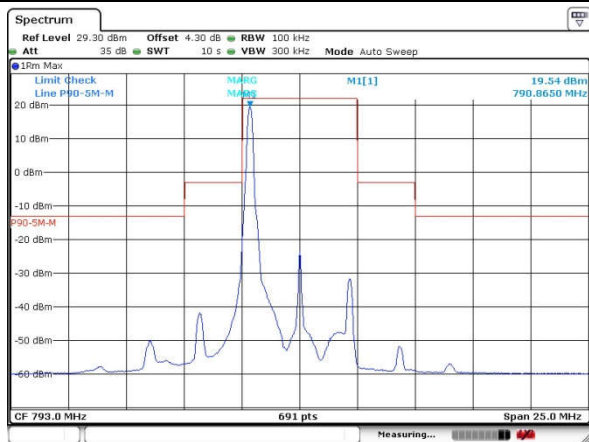


LTE Band 14/ 5MHz

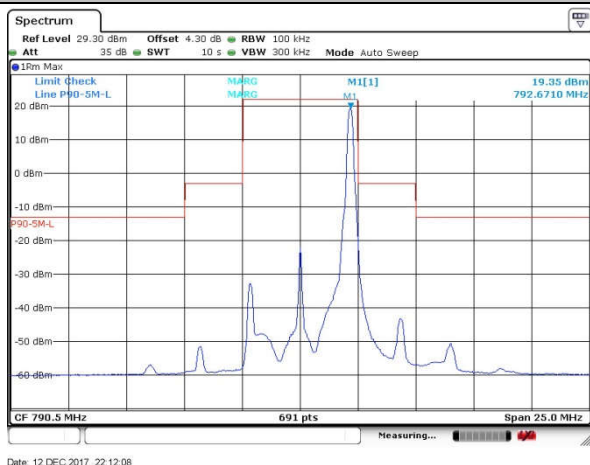
Lowest Channel / 1RB0 / 64QAM



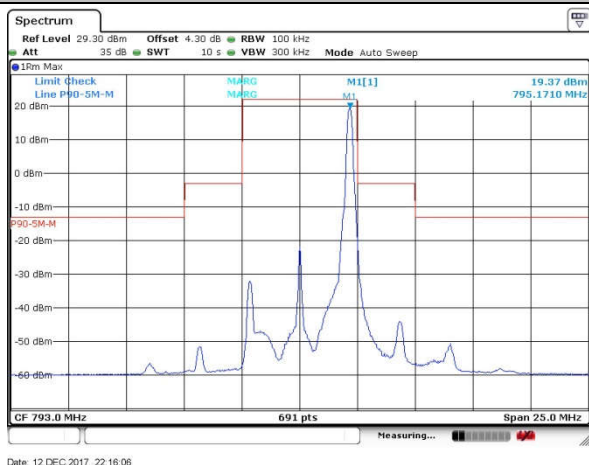
Middle Channel / 1RB0 / 64QAM



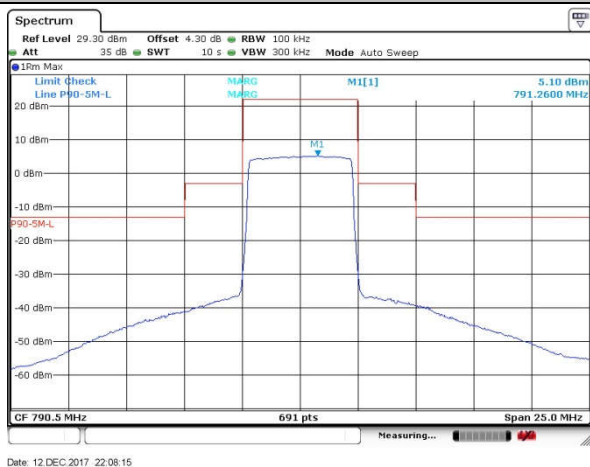
Lowest Channel / 1RBmax / 64QAM



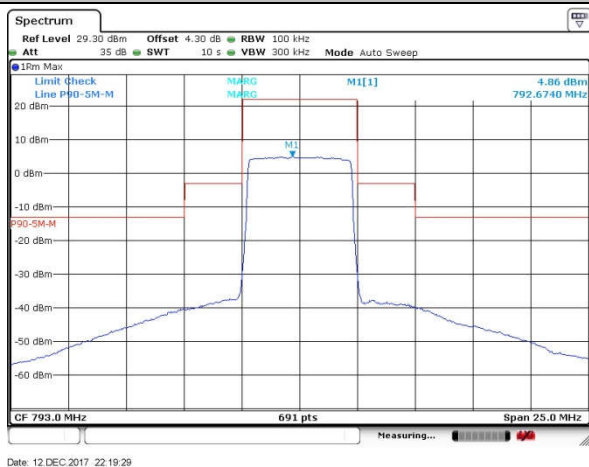
Middle Channel / 1RBmax / 64QAM



Lowest Channel / fullRB0 / 64QAM

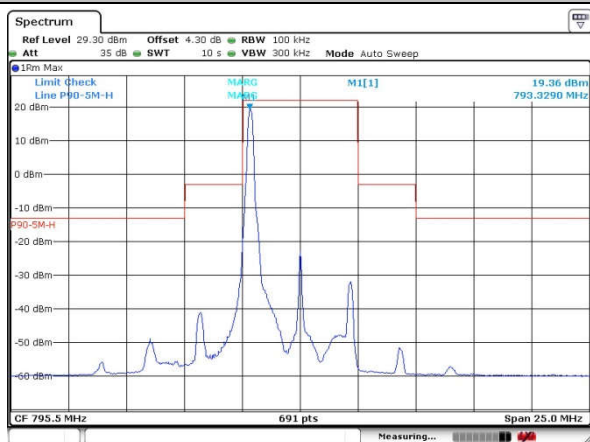


Middle Channel / fullRB0 / 64QAM

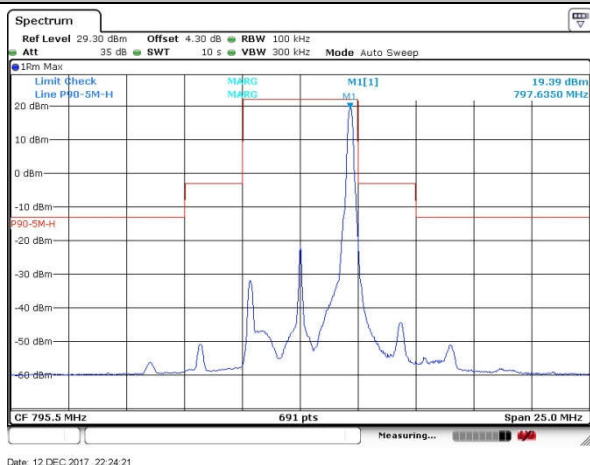


LTE Band 14/ 5MHz

Highest Channel / 1RB0 / 64QAM



Highest Channel / 1RBmax / 64QAM

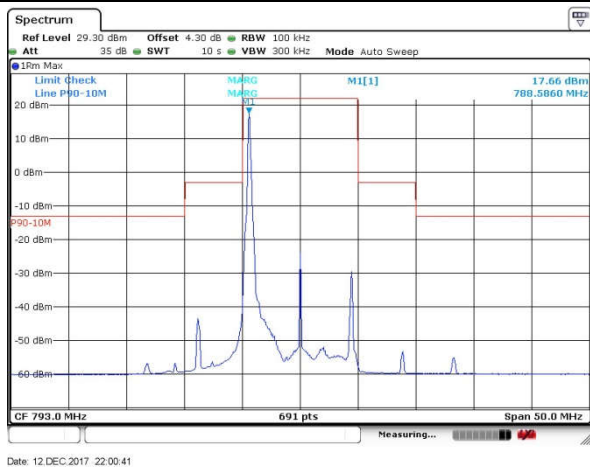


Highest Channel / fullRB0 / 64QAM

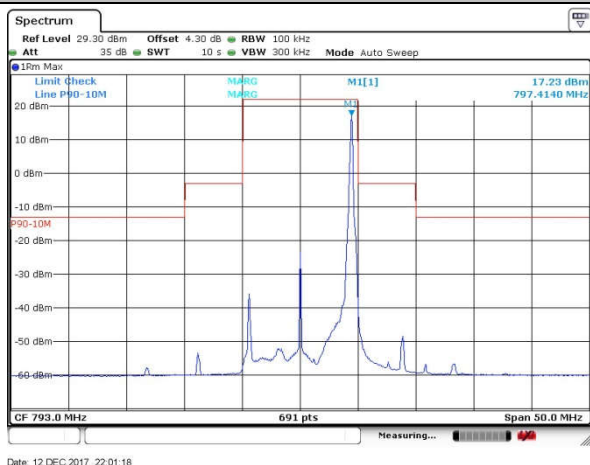


LTE Band 14/ 10MHz

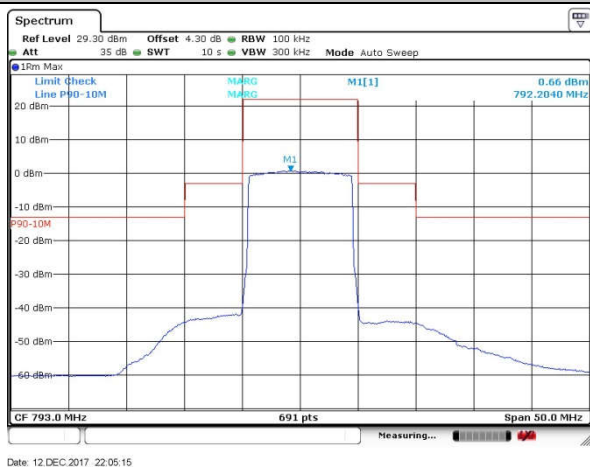
Middle Channel / 1RB0 / 64QAM



Middle Channel / 1RBmax / 64QAM



Middle Channel / fullRB0 / 64QAM

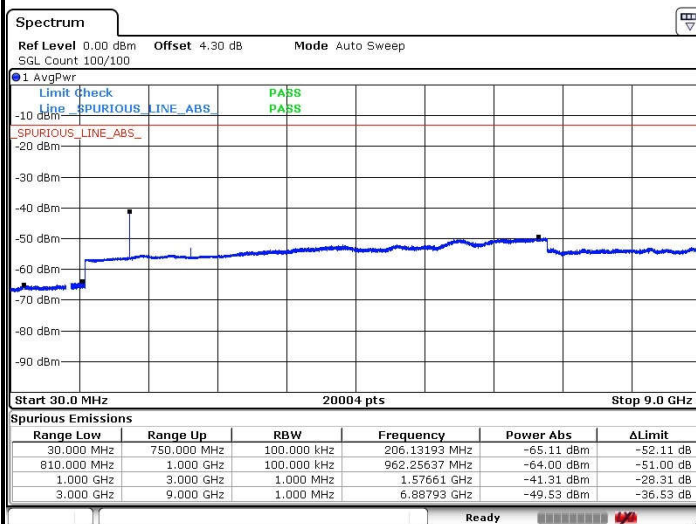




Conducted Emission

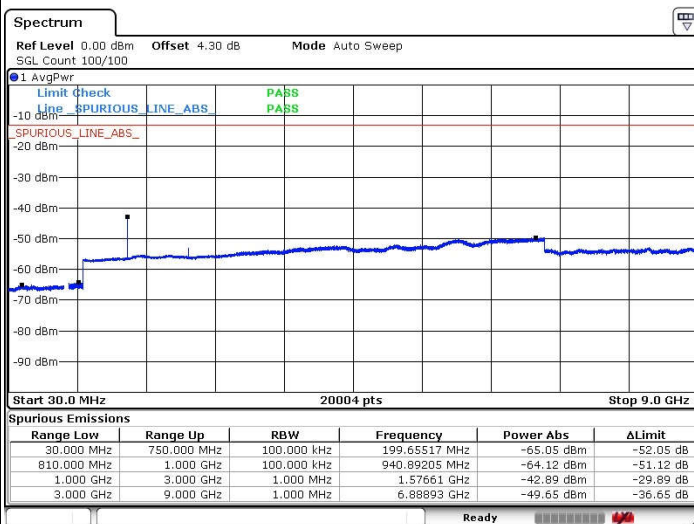
LTE Band 14 / 5MHz

Lowest Channel / QPSK



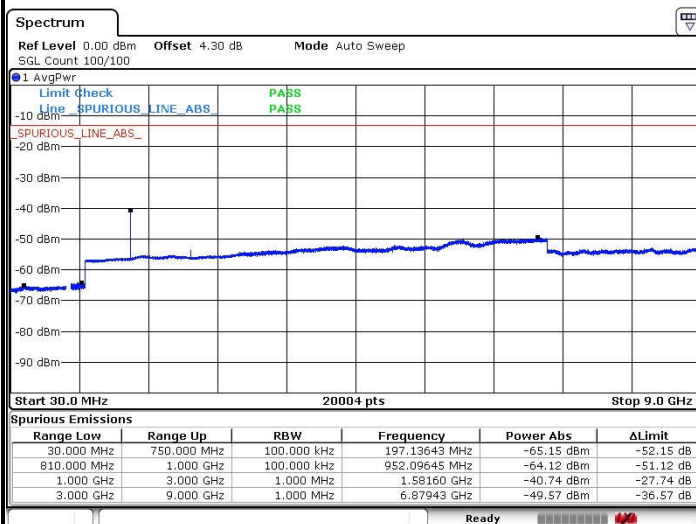
Date: 12 DEC.2017 21:25:47

Lowest Channel / 16QAM



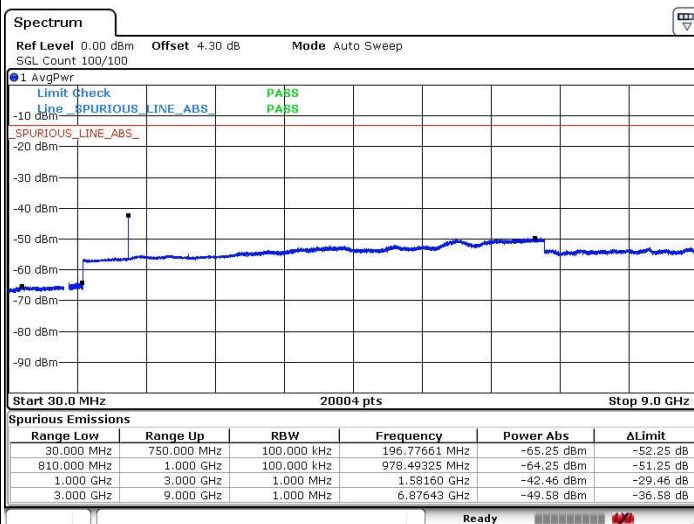
Date: 12 DEC.2017 21:24:55

Middle Channel / QPSK



Date: 12 DEC.2017 21:27:00

Middle Channel / 16QAM

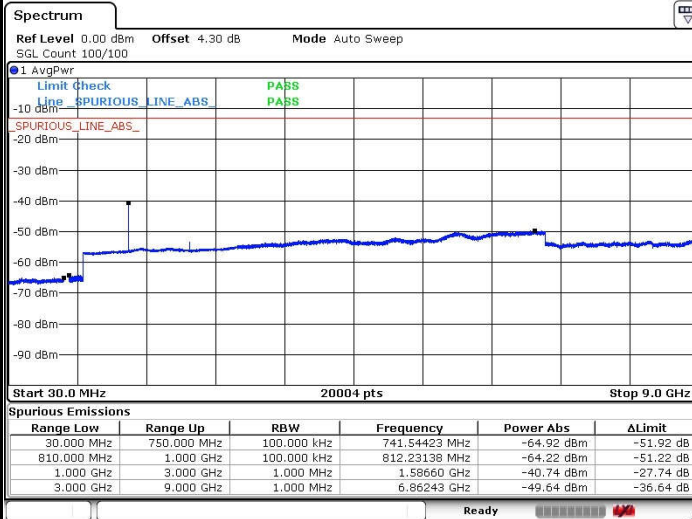


Date: 12 DEC.2017 21:27:52



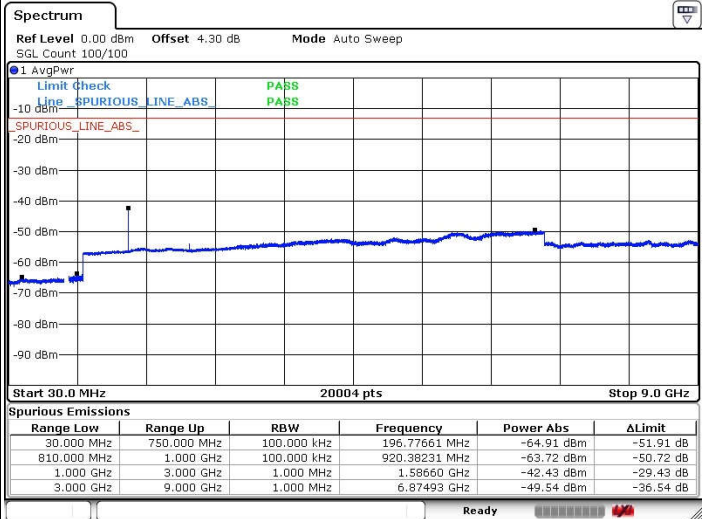
LTE Band 14 / 5MHz

Highest Channel / QPSK



Date: 12 DEC 2017 21:31:19

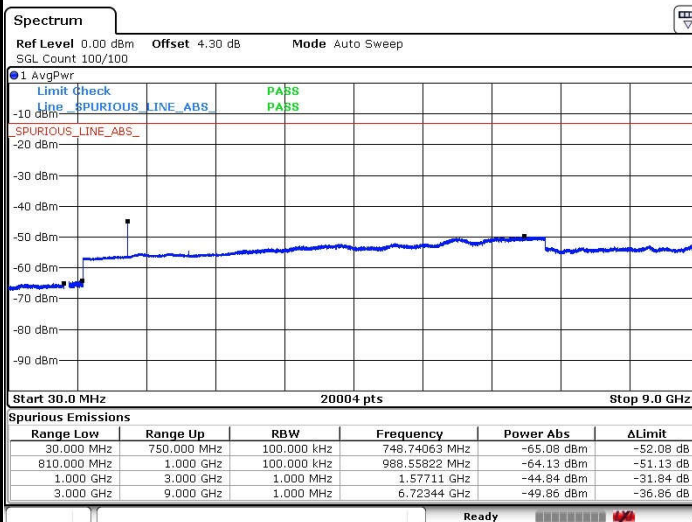
Highest Channel / 16QAM



Date: 12 DEC 2017 21:30:42

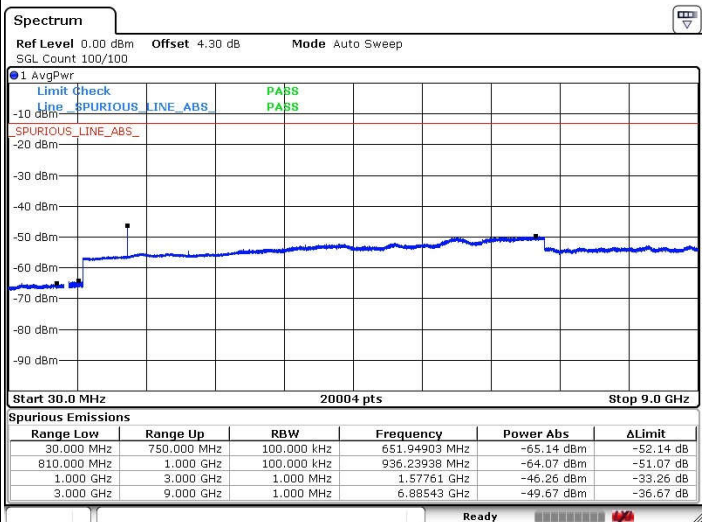
LTE Band 14 / 10MHz

Middle Channel / QPSK



Date: 12 DEC 2017 21:20:17

Middle Channel / 16QAM

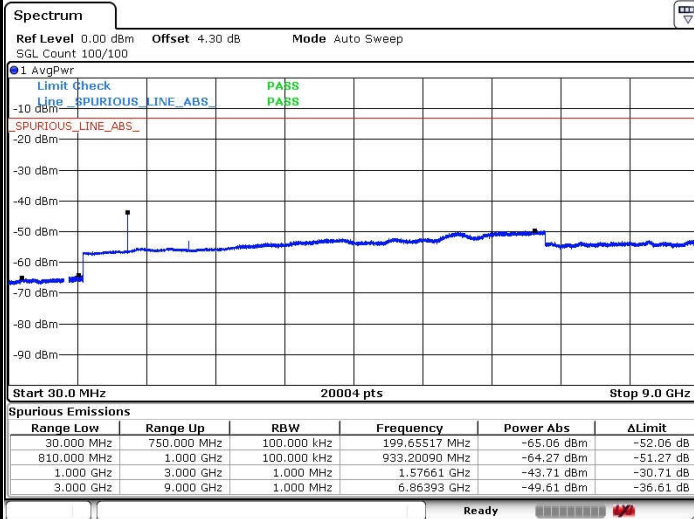


Date: 12 DEC 2017 21:21:13



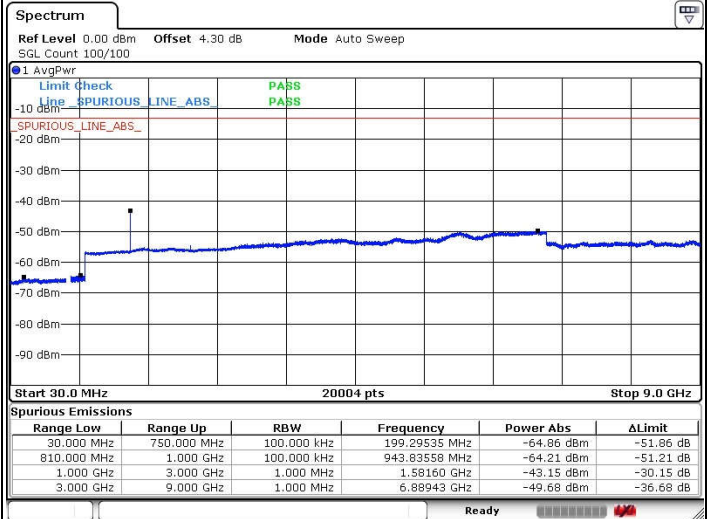
LTE Band 14 / 5MHz

Lowest Channel / 64QAM



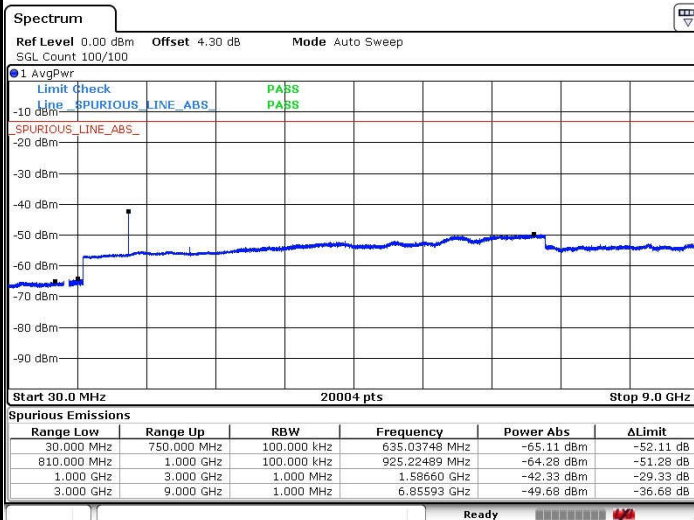
Date: 12 DEC 2017 21:23:54

Middle Channel / 64QAM



Date: 12 DEC 2017 21:28:36

Highest Channel / 64QAM

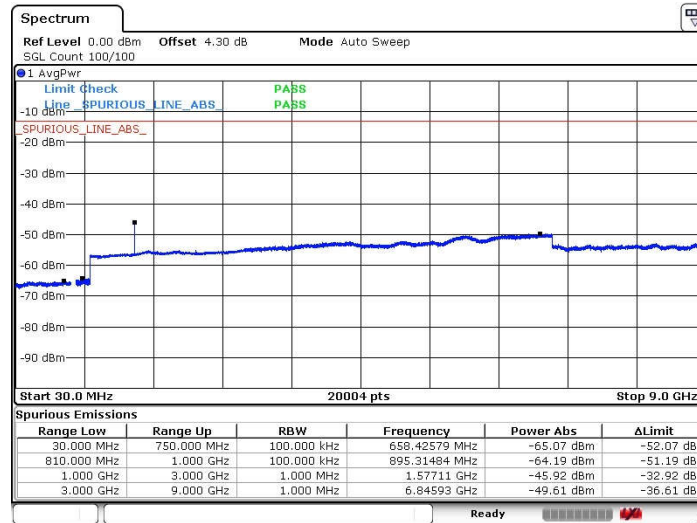


Date: 12 DEC 2017 21:29:21



LTE Band 14 / 10MHz

Middle Channel / 64QAM



Date: 12 DEC 2017 21:22:24

Frequency Stability

Test Conditions		LTE Band 14(QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	1.25ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0044	PASS
40	Normal Voltage	0.0033	
30	Normal Voltage	0.0005	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0024	
0	Normal Voltage	0.0038	
-10	Normal Voltage	0.0011	
-20	Normal Voltage	0.0042	
-30	Normal Voltage	0.0005	
20	Maximum Voltage	0.0034	
20	Normal Voltage	0.0008	
20	Battery End Point	0.0024	

Note: Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.4 V.



Appendix B. Test Results of Radiated Test

Field Strength of Spurious Radiated

LTE Band 14 / QPSK / RB Size 1 Offset 0									
Bandwidth	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
5MHz	1582	-63.12	-40	-23.12	-66.22	-66.50	1.17	4.55	H
	2372	-62.75	-13	-49.75	-67.34	-64.55	1.40	5.35	H
	3162	-66.29	-13	-53.29	-70.26	-68.56	1.68	6.10	H
	1582	-61.75	-40	-21.75	-64.97	-65.13	1.17	4.55	V
	2372	-64.21	-13	-51.21	-68.79	-66.01	1.40	5.35	V
	3162	-67.08	-13	-54.08	-71.76	-69.34	1.68	6.10	V
10MHz	1578	-60.72	-40	-20.72	-63.82	-64.10	1.17	4.55	H
	2366	-61.49	-13	-48.49	-66.08	-63.29	1.40	5.35	H
	3153	-65.95	-13	-52.95	-69.92	-68.22	1.68	6.10	H
	1578	-58.09	-40	-18.09	-62.03	-61.47	1.17	4.55	V
	2366	-63.52	-13	-50.52	-68.10	-65.32	1.40	5.35	V
	3153	-66.61	-13	-53.61	-71.29	-68.87	1.68	6.10	V
Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.									
Test Result					PASS				