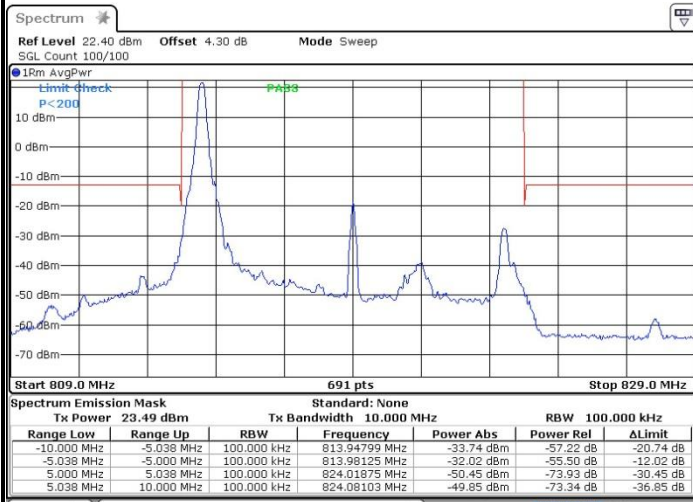




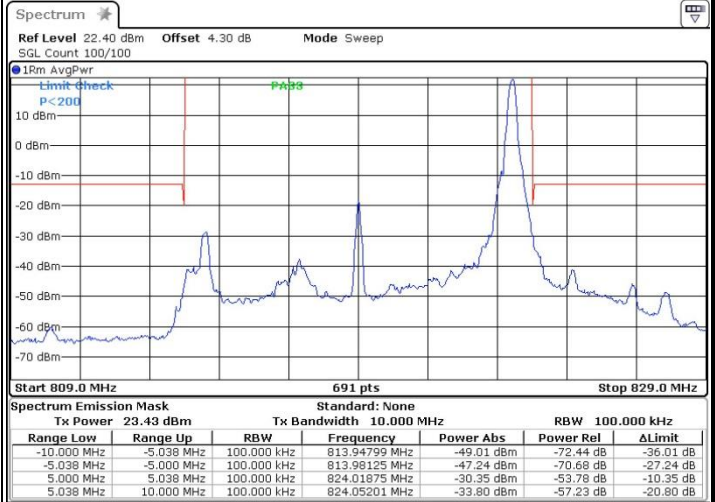
LTE Band 26 / 10MHz / QPSK

Lowest Band Edge / 1 RB



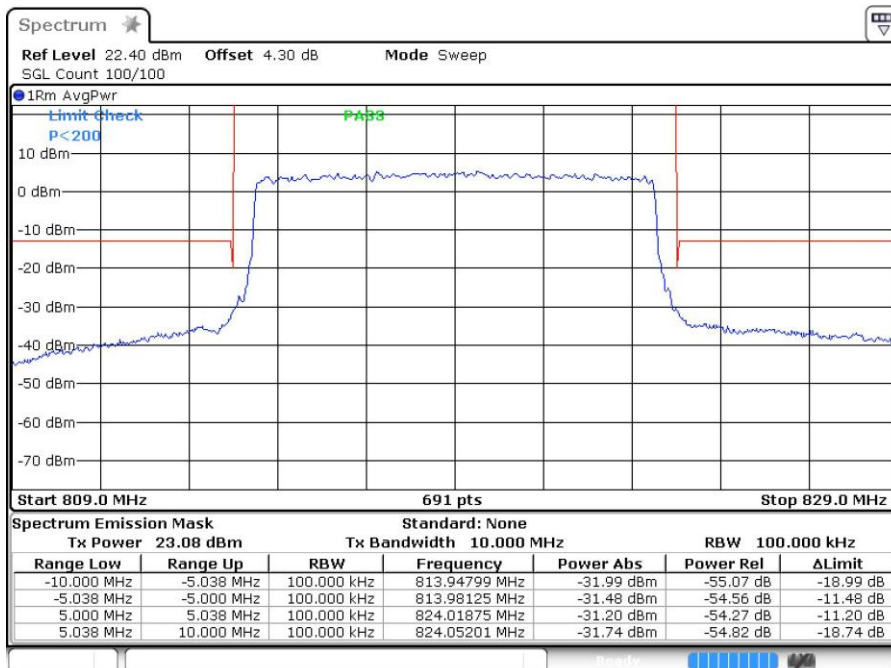
Date: 7 AUG 2017 21:38:26

Highest Band Edge / 1 RB



Date: 7 AUG 2017 21:40:02

Band Edge / Full RB



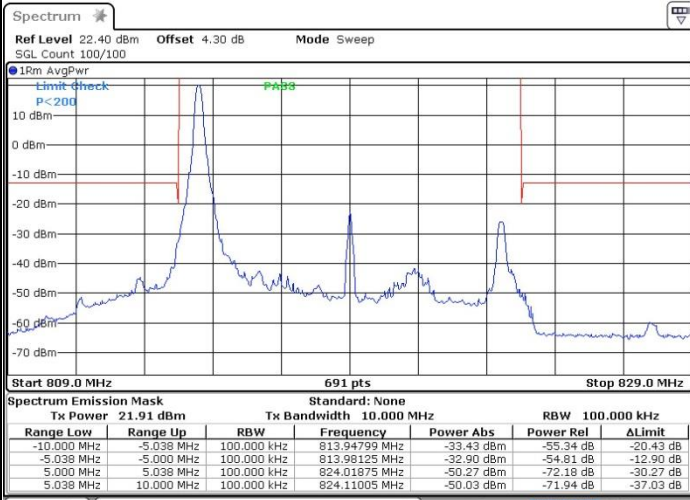
Date: 7 AUG 2017 21:34:34



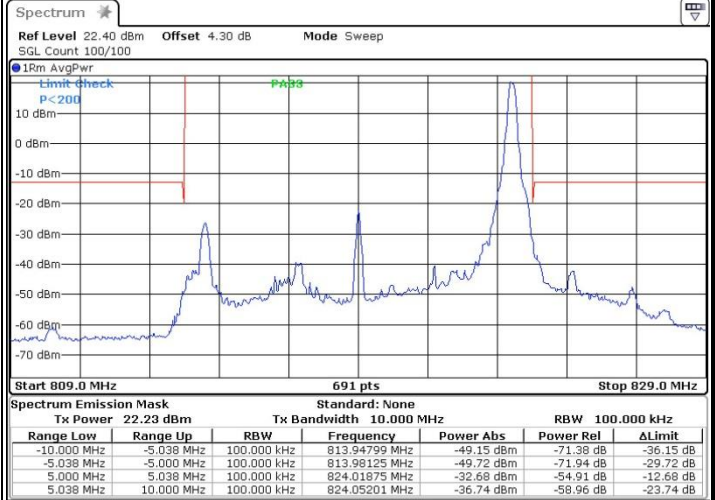
LTE Band 26 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

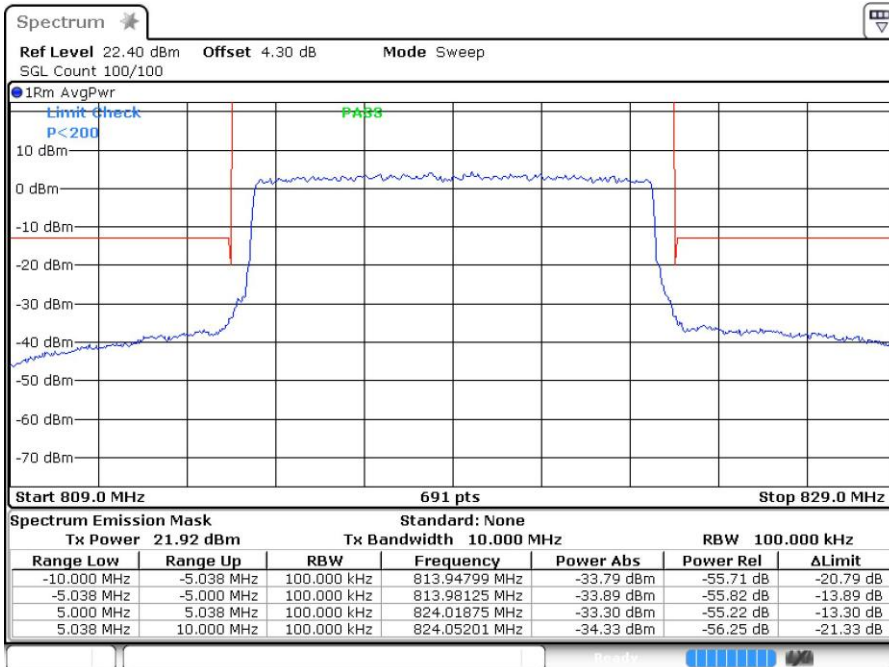


Date: 7 AUG 2017 21:39:15



Date: 7 AUG 2017 21:41:03

Band Edge / Full RB

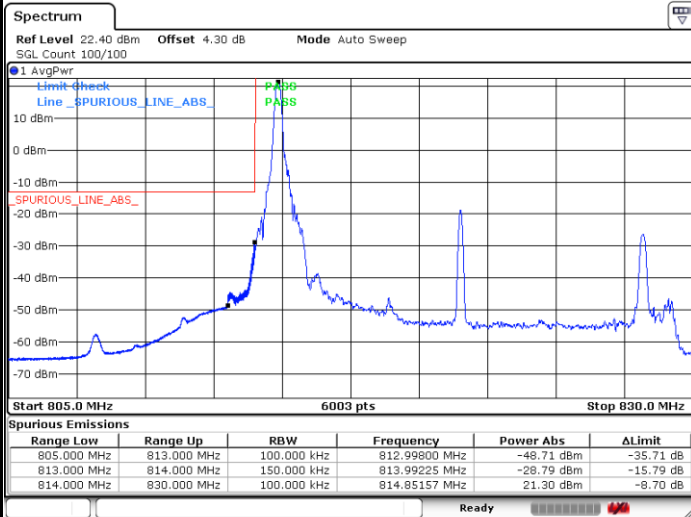


Date: 7 AUG 2017 21:36:26

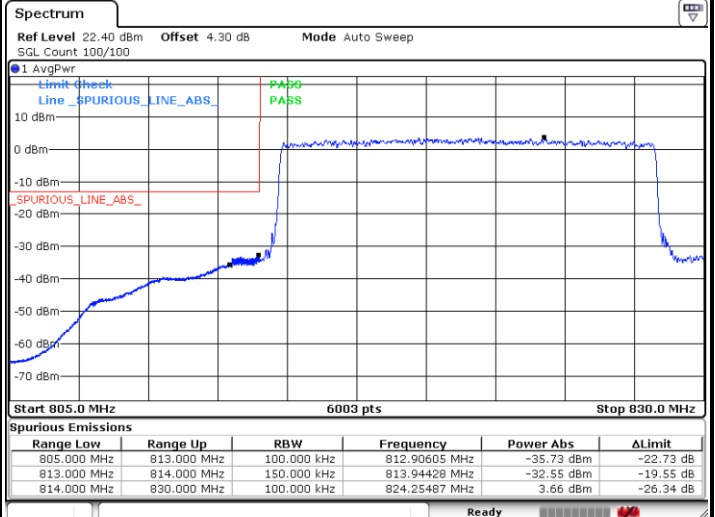


LTE Band 26 / 15MHz QPSK

Lowest Band Edge / 1 RB

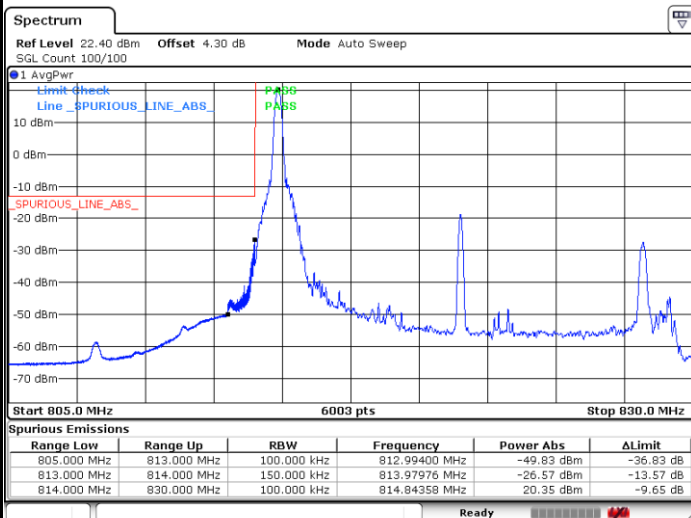


Lowest Band Edge / Full RB

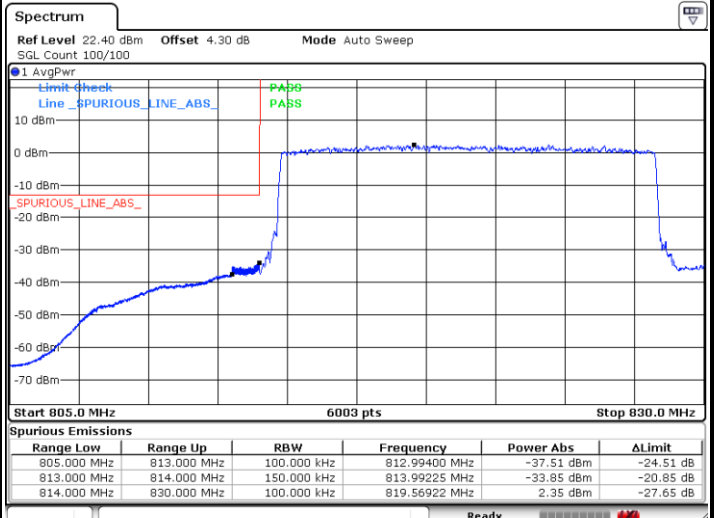


LTE Band 26 / 15MHz 16QAM

Lowest Band Edge / 1 RB

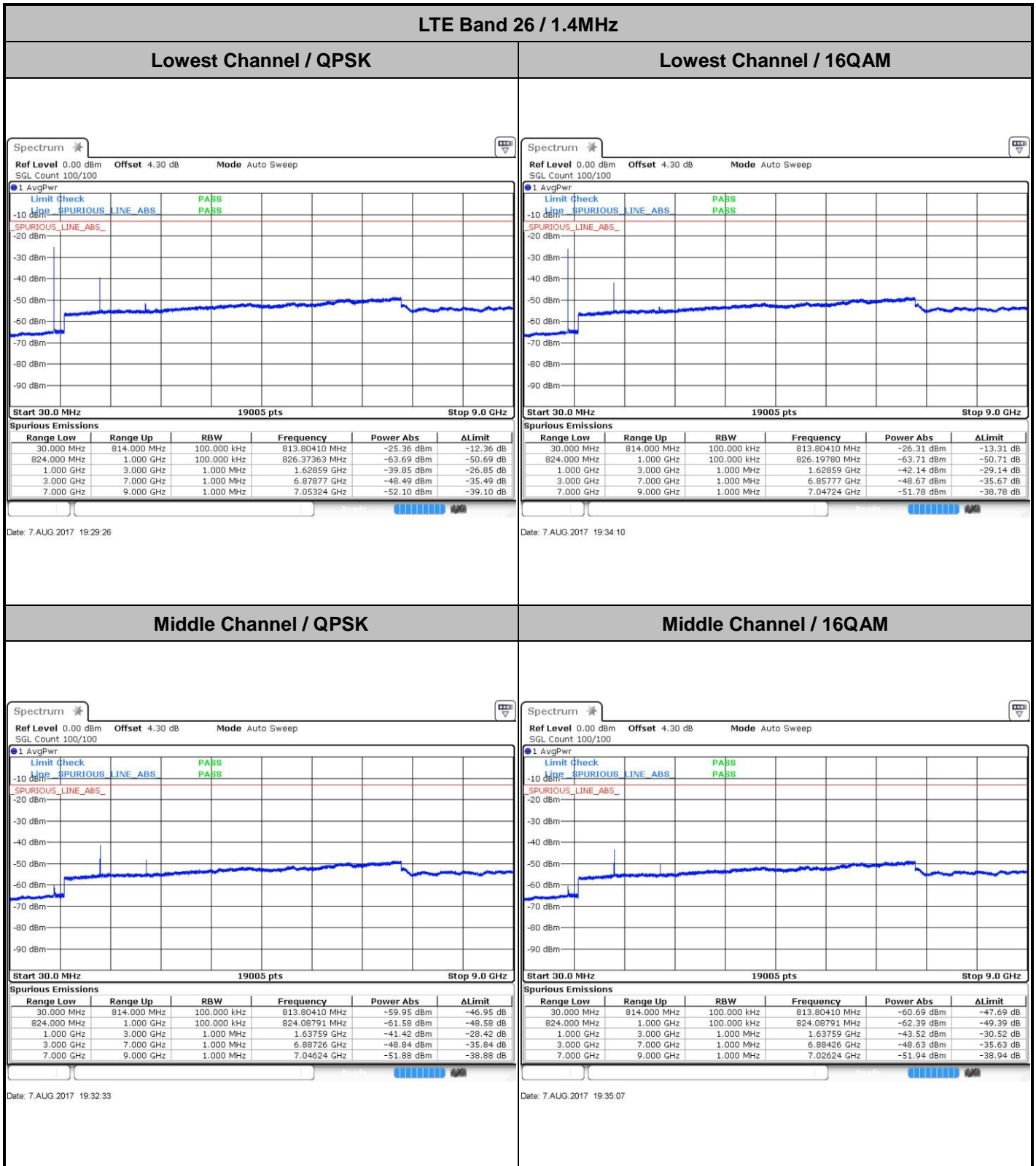


Lowest Band Edge / Full RB





# Conducted Spurious Emission

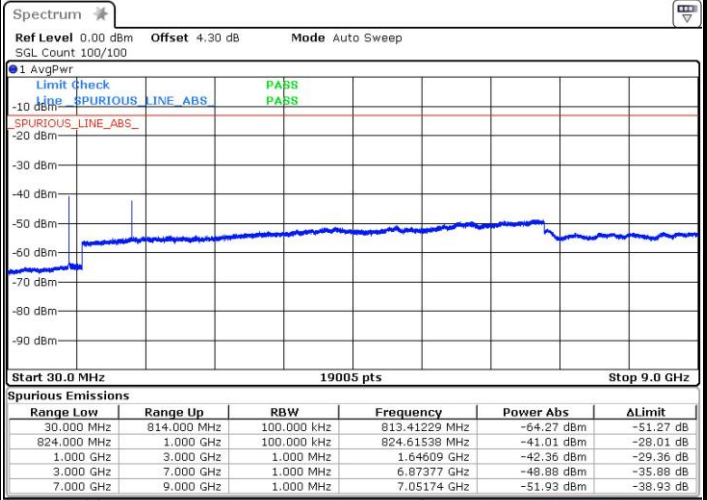
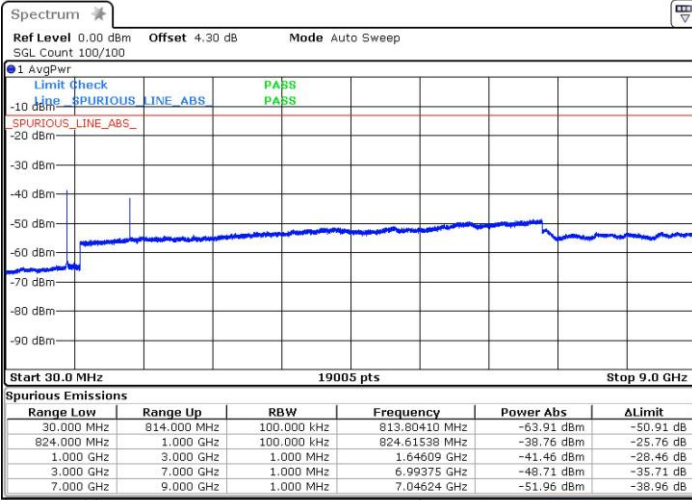




LTE Band 26 / 1.4MHz

Highest Channel / QPSK

Highest Channel / 16QAM



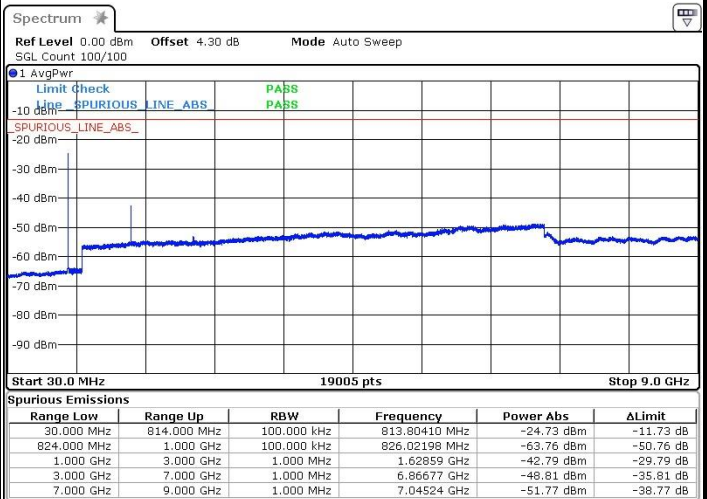
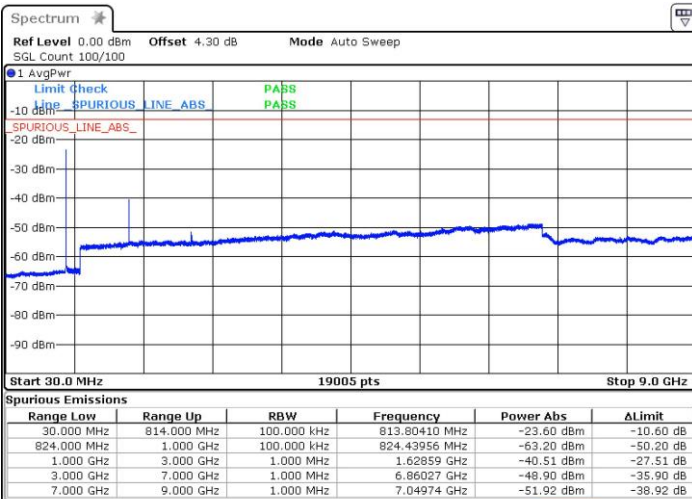
Date: 7.AUG.2017 19:33:17

Date: 7.AUG.2017 19:36:08

LTE Band 26 / 3MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 7.AUG.2017 19:44:08

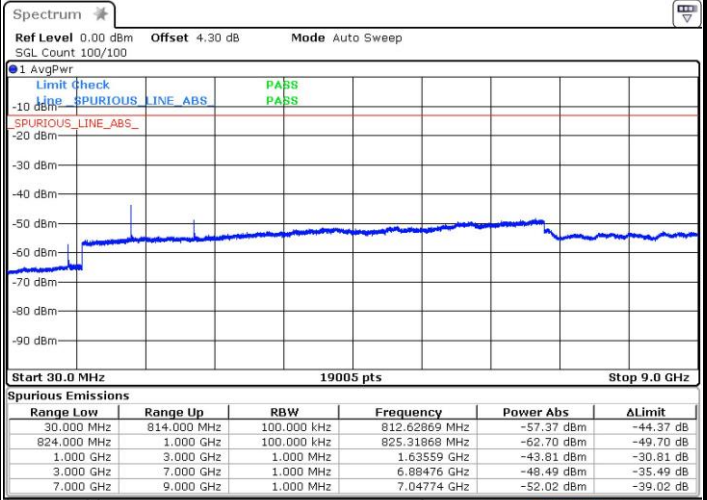
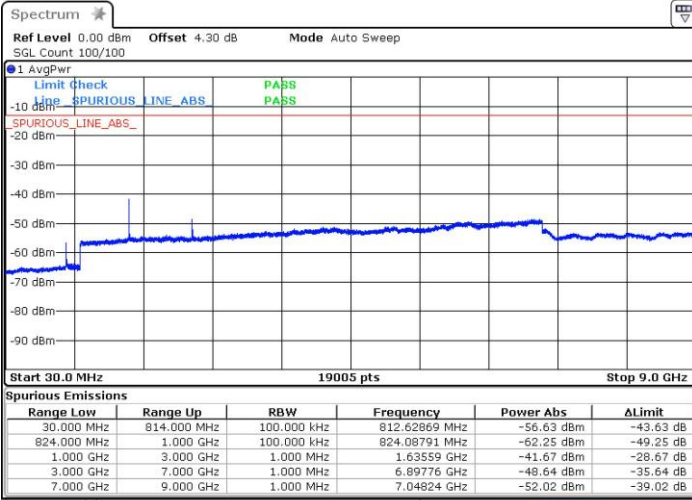
Date: 7.AUG.2017 19:46:45



LTE Band 26 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

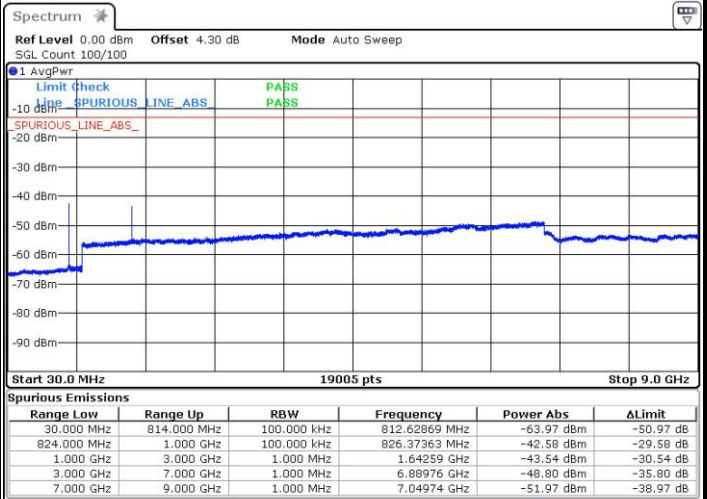
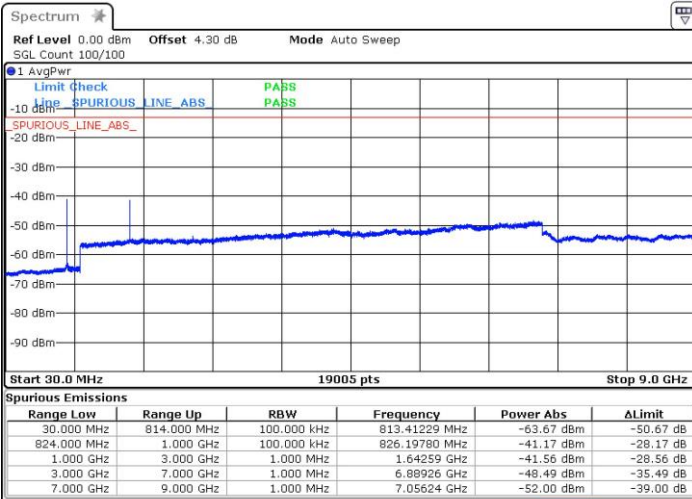


Date: 7.AUG.2017 19:44:52

Date: 7.AUG.2017 19:47:42

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 7.AUG.2017 19:45:45

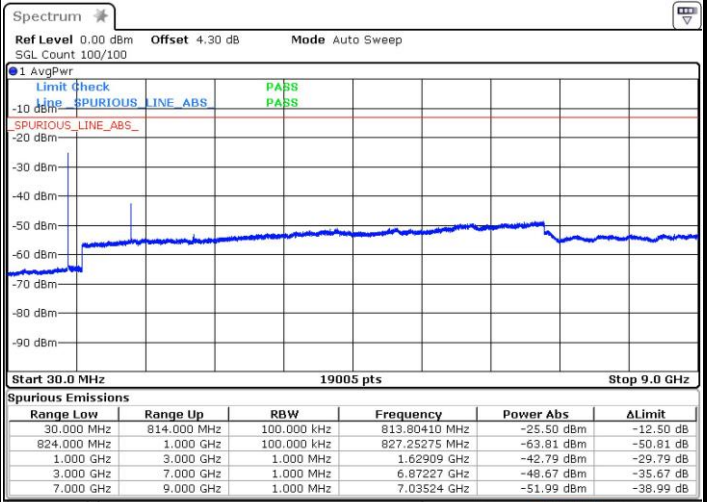
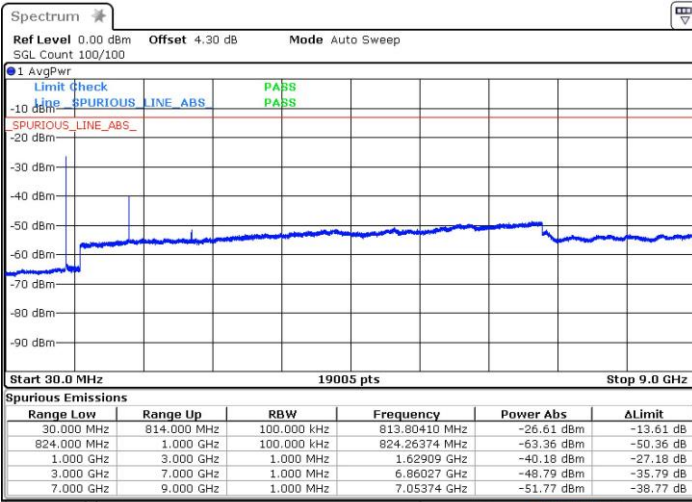
Date: 7.AUG.2017 19:48:30



LTE Band 26 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

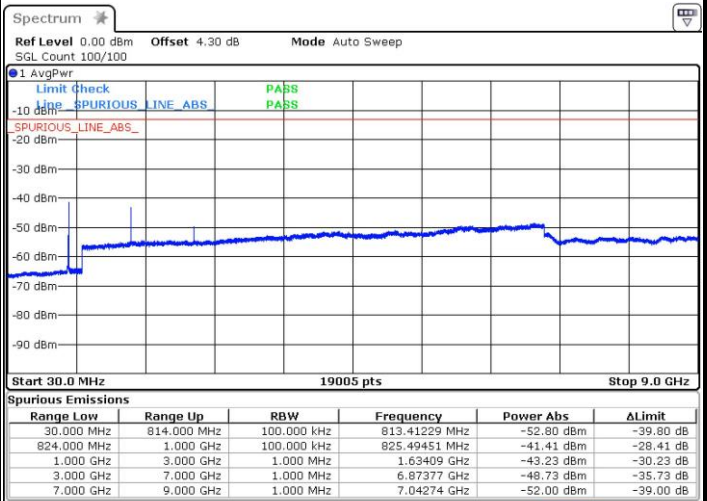
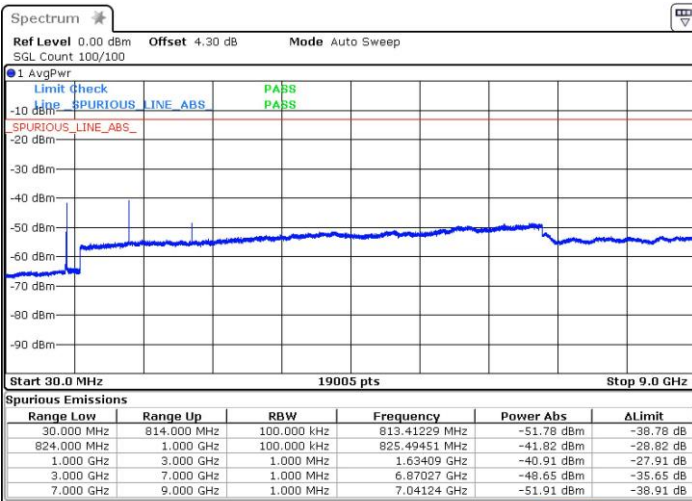


Date: 7.AUG.2017 19:53:41

Date: 7.AUG.2017 19:55:51

Middle Channel / QPSK

Middle Channel / 16QAM



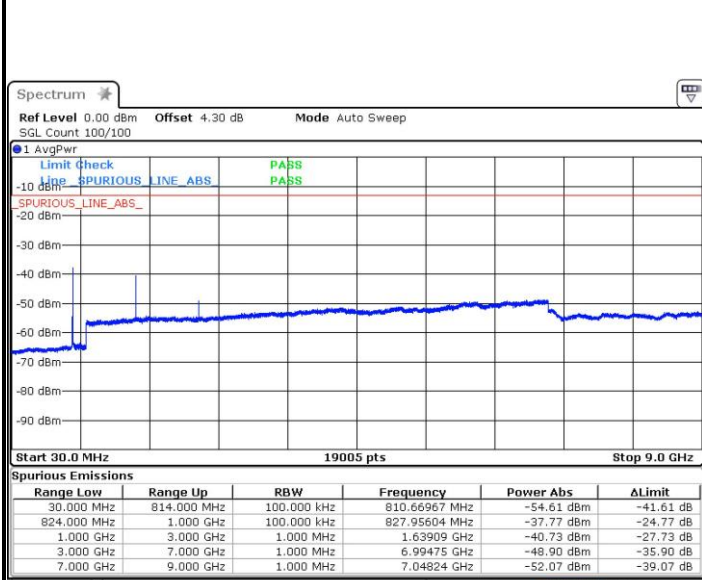
Date: 7.AUG.2017 19:54:21

Date: 7.AUG.2017 19:57:42



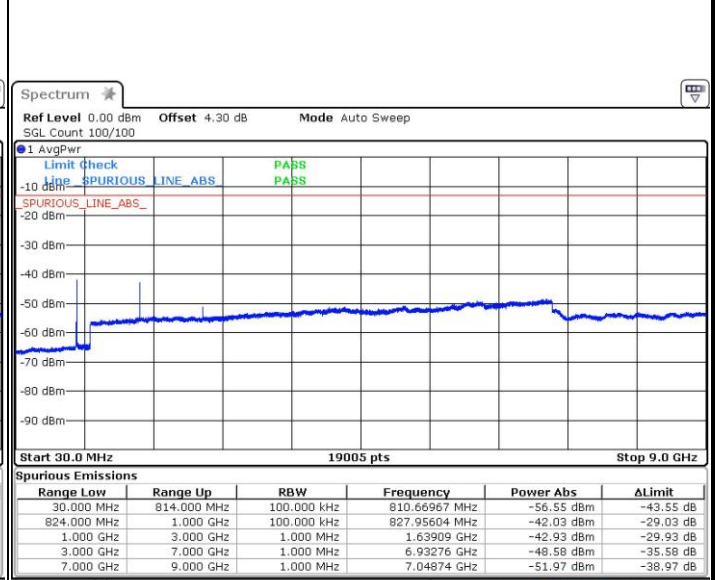
LTE Band 26 / 5MHz

Highest Channel / QPSK



Date: 7.AUG.2017 19:55:10

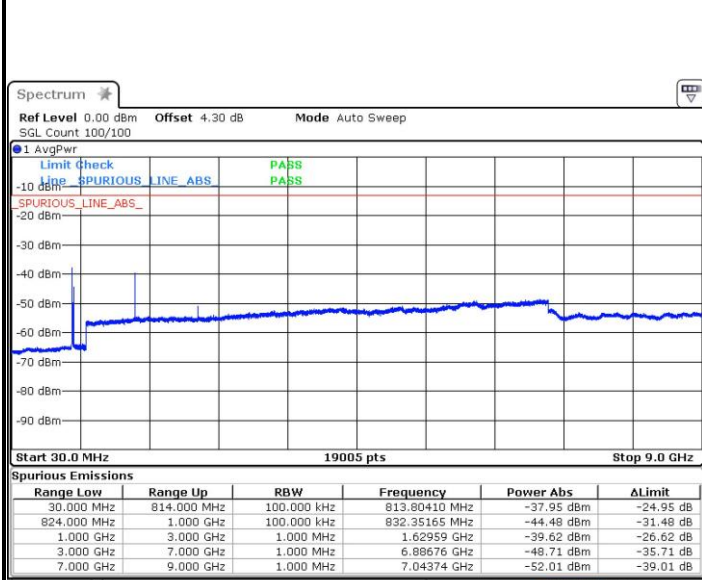
Highest Channel / 16QAM



Date: 7.AUG.2017 20:00:09

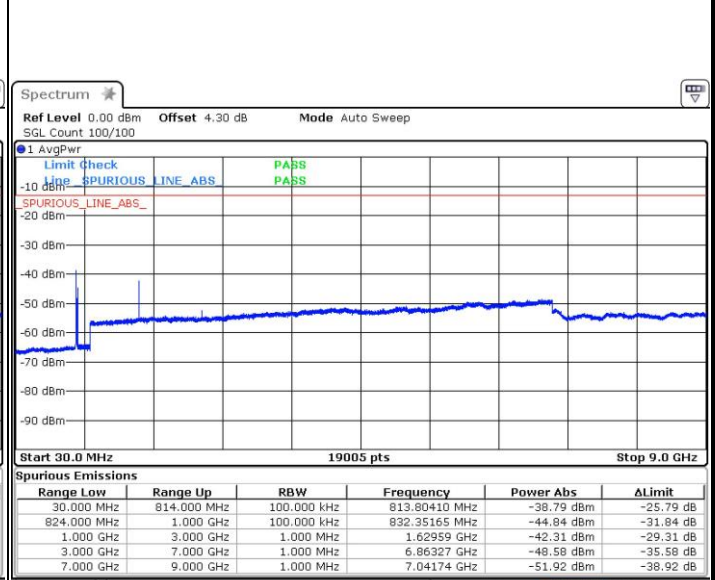
LTE Band 26 / 10MHz

Middle Channel / QPSK



Date: 7.AUG.2017 20:04:15

Middle Channel / 16QAM



Date: 7.AUG.2017 20:05:02







### Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0077	PASS
40	Normal Voltage	0.0117	
30	Normal Voltage	0.0088	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0105	
0	Normal Voltage	0.0027	
-10	Normal Voltage	0.0044	
-20	Normal Voltage	0.0111	
-30	Normal Voltage	0.0092	
20	Maximum Voltage	0.0041	
20	Normal Voltage	0.0023	
20	Battery End Point	0.0096	

Note: Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.35 V.



### Appendix B. Test Results of Radiated Test

LTE Band 26 / 1.4MHz / QPSK / RB Size 1 Offset 0									
Channel	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)
Middle	1636.92	-67.08	-13	-54.08	-74.52	-73.77	0.56	9.40	H
	2455.38	-61.71	-13	-48.71	-73.21	-69.42	0.74	10.60	H
	3273.84	-64.06	-13	-51.06	-77.56	-73.66	0.85	12.60	H
	1636.92	-65.59	-13	-52.59	-73.11	-72.28	0.56	9.40	V
	2455.38	-64.31	-13	-51.31	-75.40	-72.02	0.74	10.60	V
	3273.84	-63.43	-13	-50.43	-77.10	-73.03	0.85	12.60	V

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

LTE Band 26 / 3MHz / QPSK / RB Size 1 Offset 0									
Channel	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)
Middle	1635.48	-66.54	-13	-53.54	-73.98	-73.23	0.56	9.40	H
	2453.22	-61.15	-13	-48.15	-72.69	-68.86	0.74	10.60	H
	3270.96	-63.86	-13	-50.86	-77.36	-73.46	0.85	12.60	H
	1635.48	-65.26	-13	-52.26	-72.78	-71.95	0.56	9.40	V
	2453.22	-63.90	-13	-50.90	-75.02	-71.61	0.74	10.60	V
	3270.96	-63.83	-13	-50.83	-77.50	-73.43	0.85	12.60	V

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



LTE Band 26 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	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)
Middle	1633.68	-65.73	-13	-52.73	-73.17	-72.42	0.56	9.40	H
	2450.52	-58.81	-13	-45.81	-70.35	-66.52	0.74	10.60	H
	3267.36	-64.12	-13	-51.12	-77.67	-73.72	0.85	12.60	H
	1633.68	-63.32	-13	-50.32	-70.84	-70.01	0.56	9.40	V
	2450.52	-62.36	-13	-49.36	-73.48	-70.07	0.74	10.60	V
	3267.36	-63.80	-13	-50.80	-77.51	-73.40	0.85	12.60	V

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

LTE Band 26 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	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)
Middle	1629.18	-63.31	-13	-50.31	-70.75	-70.00	0.56	9.40	H
	2443.77	-60.03	-13	-47.03	-71.57	-67.74	0.74	10.60	H
	3258.36	-63.73	-13	-50.73	-77.28	-73.33	0.85	12.60	H
	1629.18	-60.93	-13	-47.93	-68.45	-67.62	0.56	9.40	V
	2443.77	-61.50	-13	-48.50	-72.62	-69.21	0.74	10.60	V
	3258.36	-63.82	-13	-50.82	-77.53	-73.42	0.85	12.60	V

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