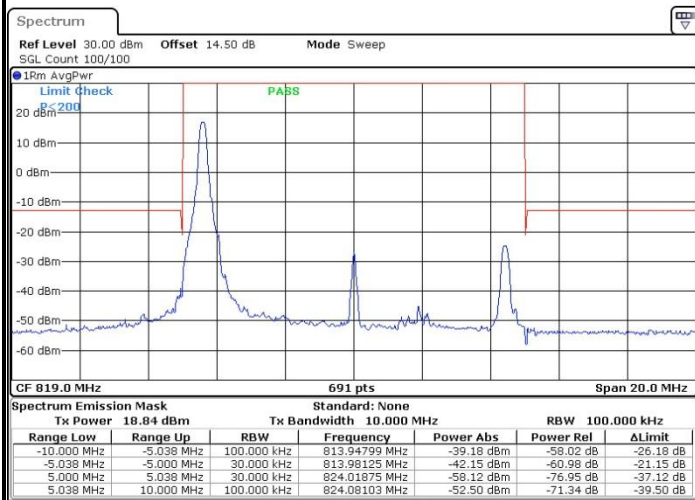




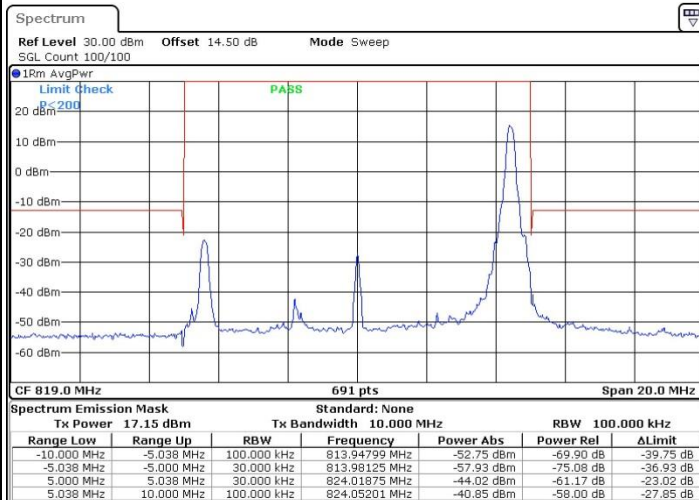
## LTE Band 26 / 10MHz / 16QAM

## Lowest Band Edge / 1 RB



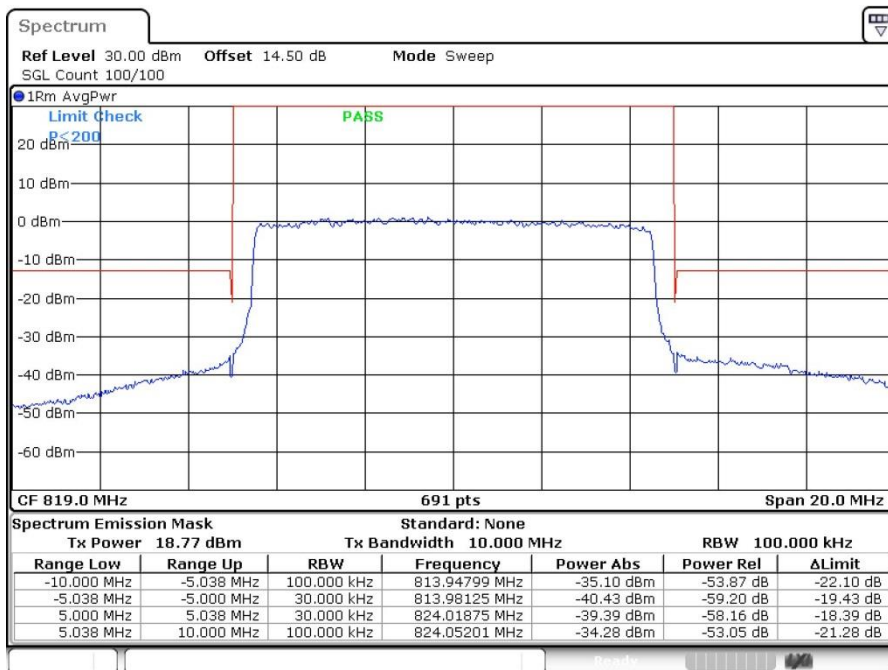
Date: 27.JUL.2016 02:06:09

## Highest Band Edge / 1 RB



Date: 27.JUL.2016 02:07:30

## Band Edge / Full RB

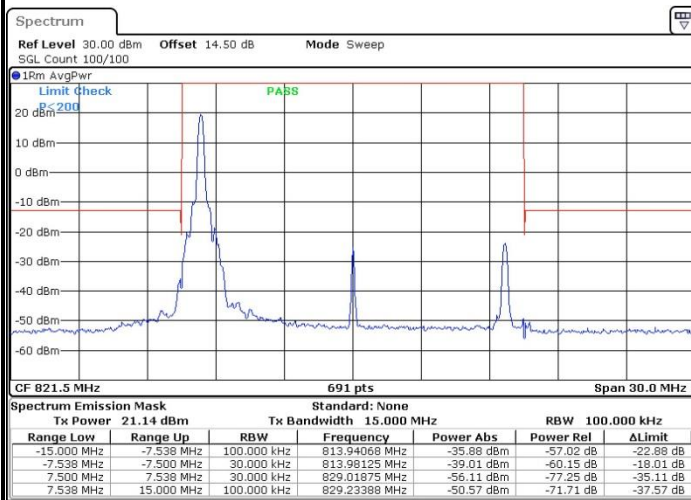


Date: 27.JUL.2016 02:06:28



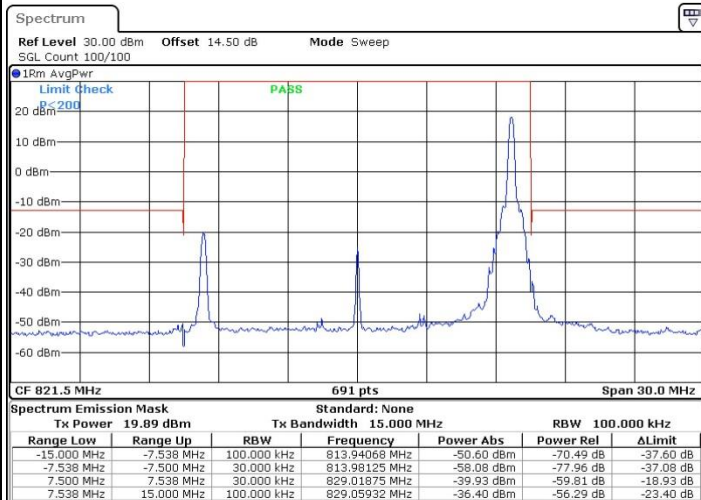
## LTE Band 26 / 15MHz QPSK

## Lowest Band Edge / 1 RB



Date: 27.JUL.2016 02:08:17

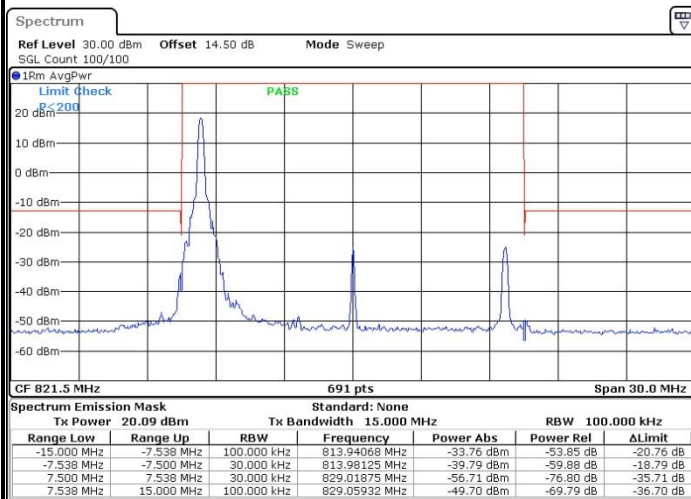
## Lowest Band Edge / Full RB



Date: 27.JUL.2016 02:10:40

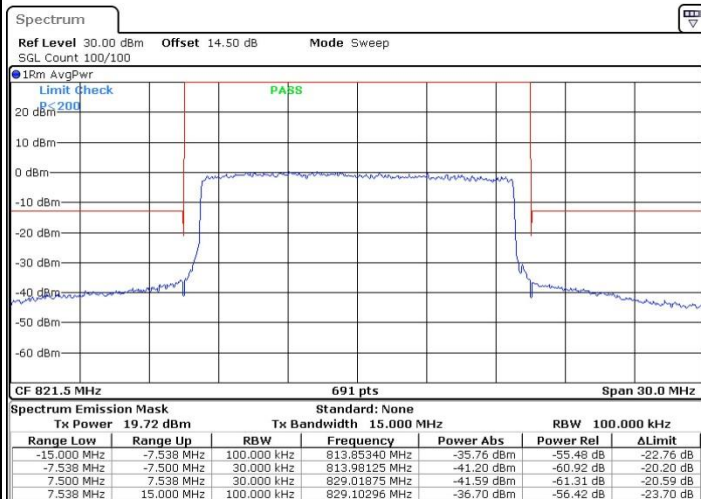
## LTE Band 26 / 15MHz 16QAM

## Lowest Band Edge / 1 RB



Date: 27.JUL.2016 02:08:44

## Lowest Band Edge / Full RB



Date: 27.JUL.2016 02:09:15

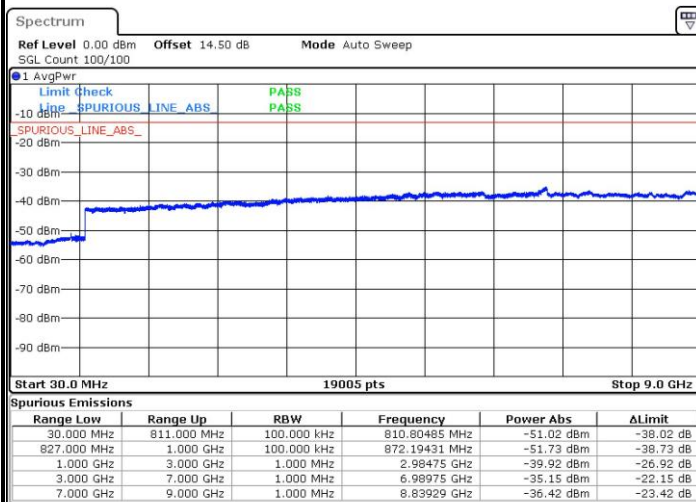


## **Conducted Spurious Emission**



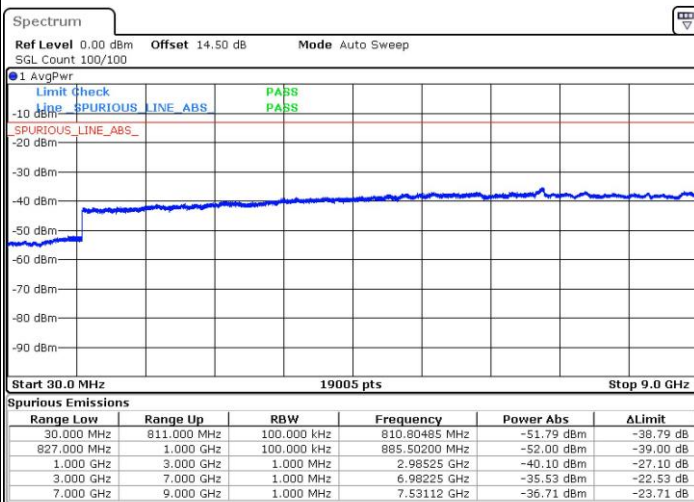
## LTE Band 26 / 1.4MHz

## Lowest Channel / QPSK



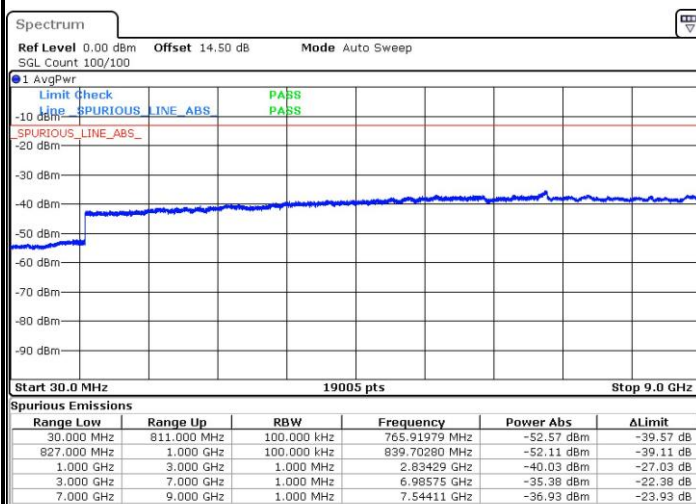
Date: 27.JUL.2016 02:15:05

## Lowest Channel / 16QAM



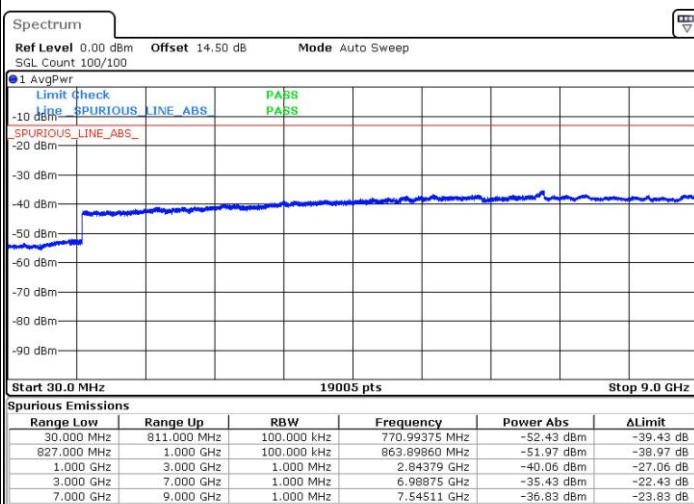
Date: 27.JUL.2016 02:16:03

## Middle Channel / QPSK



Date: 27.JUL.2016 02:17:43

## Middle Channel / 16QAM

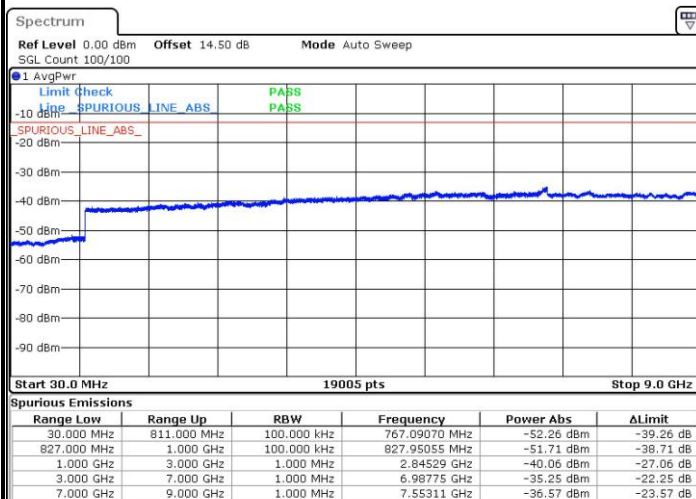


Date: 27.JUL.2016 02:18:40



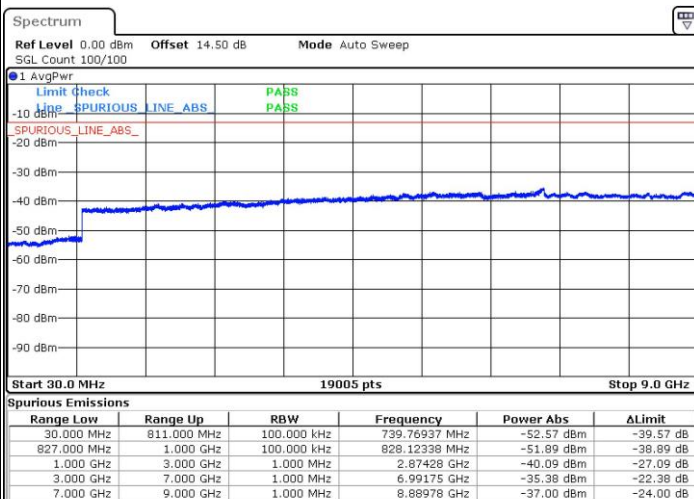
## LTE Band 26 / 1.4MHz

## Highest Channel / QPSK



Date: 27.JUL.2016 02:20:20

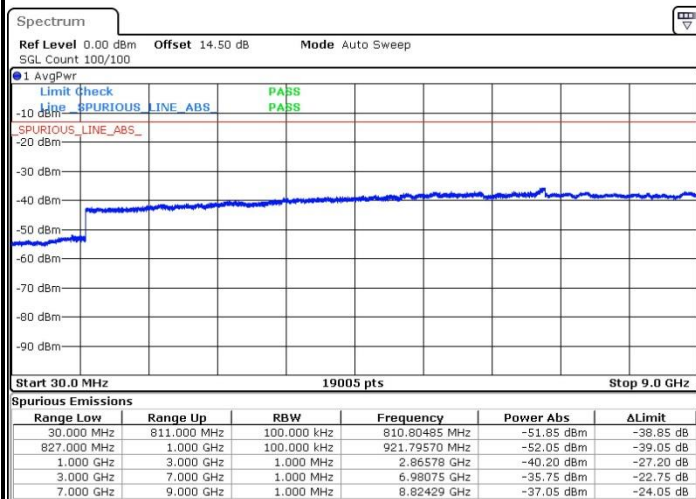
## Highest Channel / 16QAM



Date: 27.JUL.2016 02:21:17

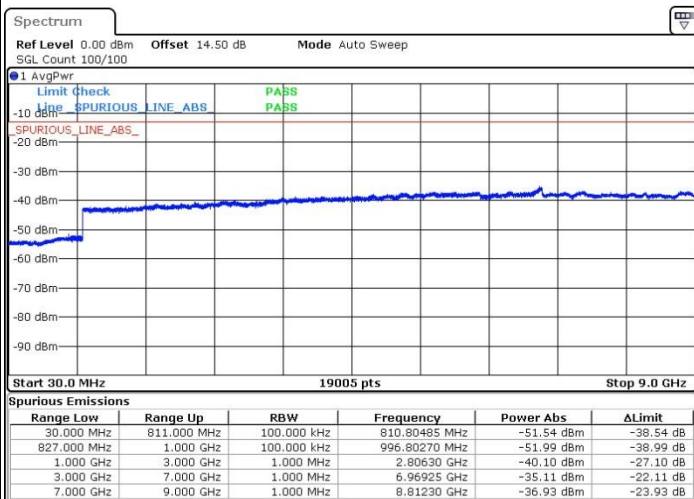
## LTE Band 26 / 3MHz

## Lowest Channel / QPSK



Date: 27.JUL.2016 02:22:57

## Lowest Channel / 16QAM

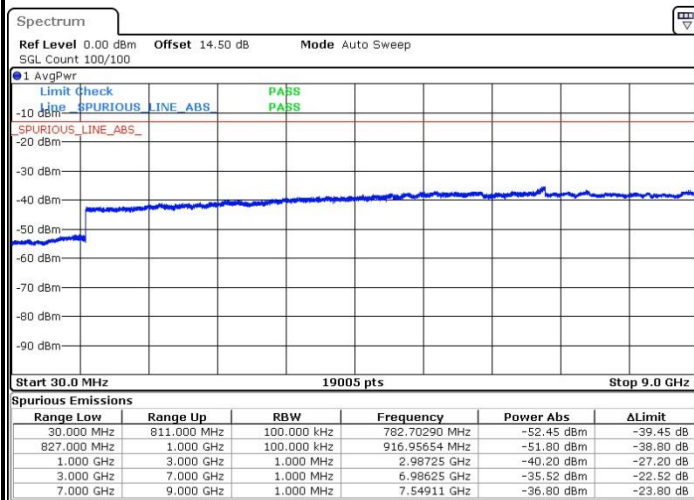


Date: 27.JUL.2016 02:23:54



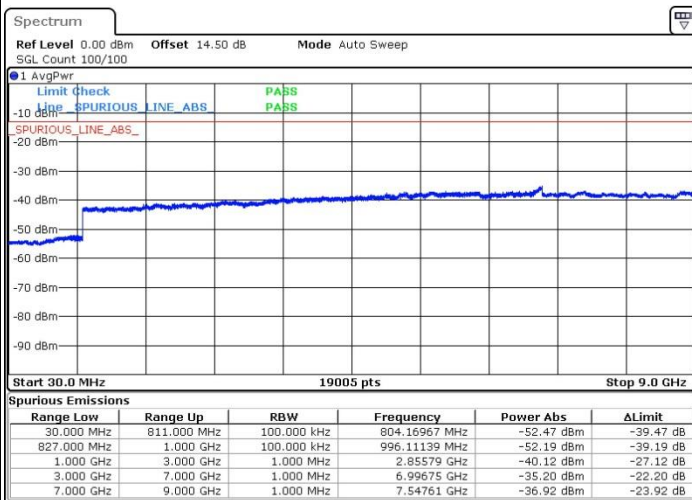
## LTE Band 26 / 3MHz

## Middle Channel / QPSK



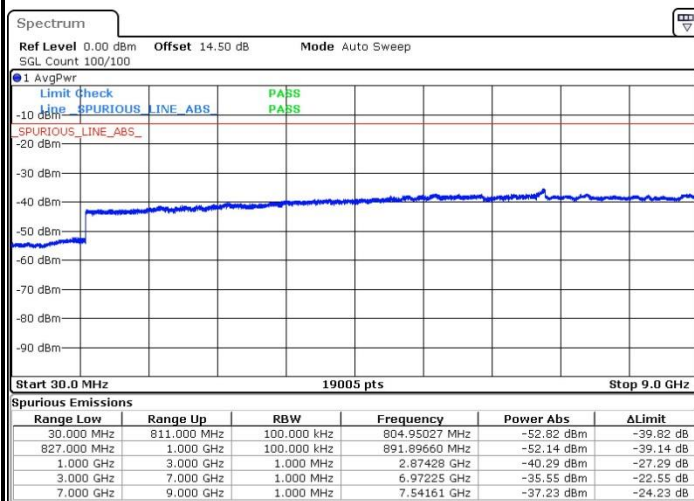
Date: 27.JUL.2016 02:25:34

## Middle Channel / 16QAM



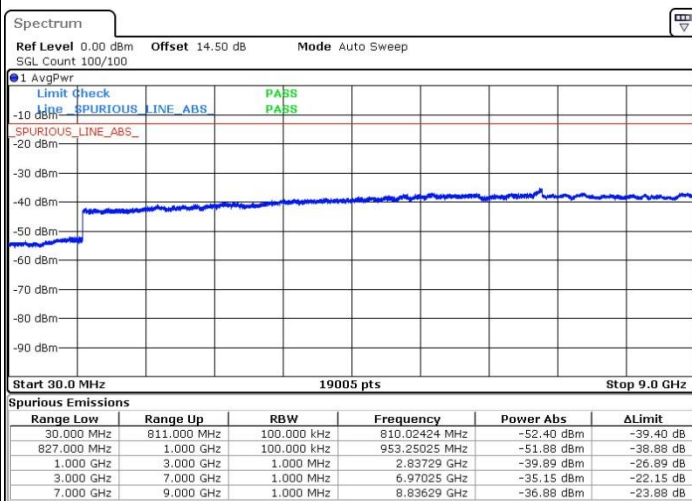
Date: 27.JUL.2016 02:26:31

## Highest Channel / QPSK



Date: 27.JUL.2016 02:28:11

## Highest Channel / 16QAM



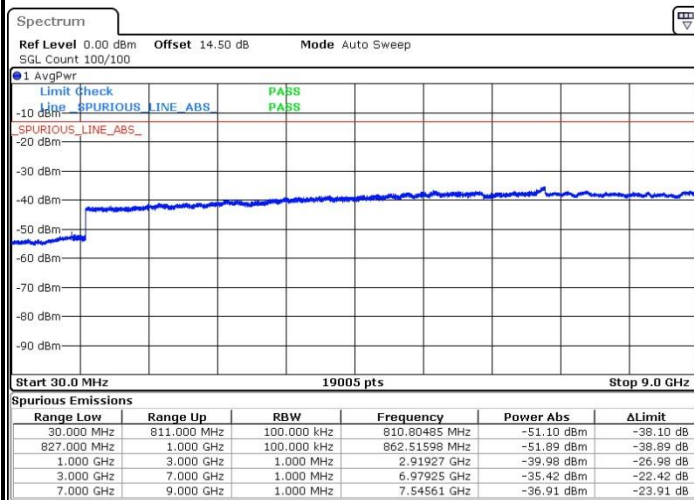
Date: 27.JUL.2016 02:29:08





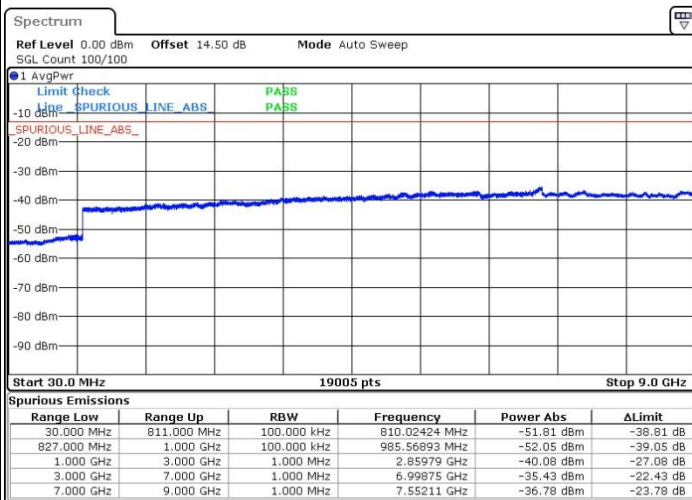
## LTE Band 26 / 5MHz

## Lowest Channel / QPSK



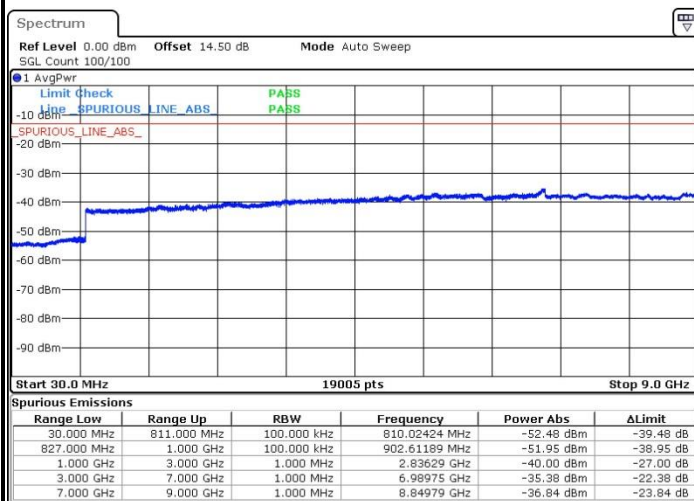
Date: 27.JUL.2016 02:30:48

## Lowest Channel / 16QAM



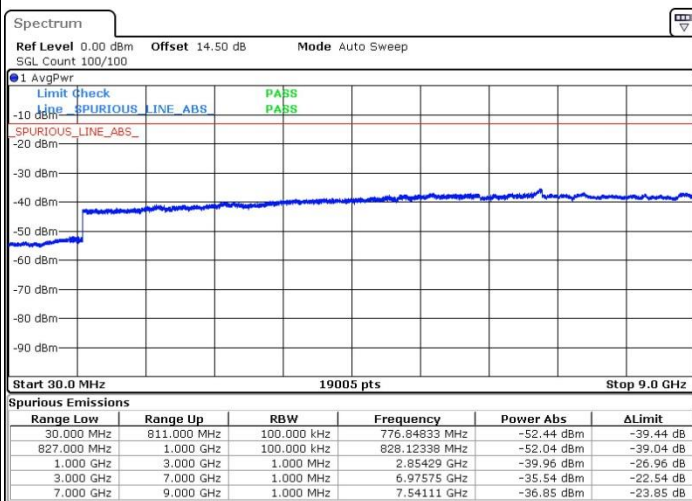
Date: 27.JUL.2016 02:31:46

## Middle Channel / QPSK



Date: 27.JUL.2016 02:38:40

## Middle Channel / 16QAM

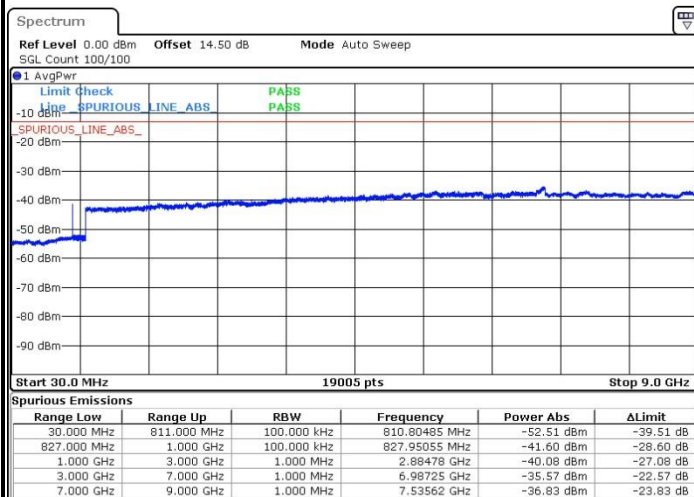


Date: 27.JUL.2016 02:39:37



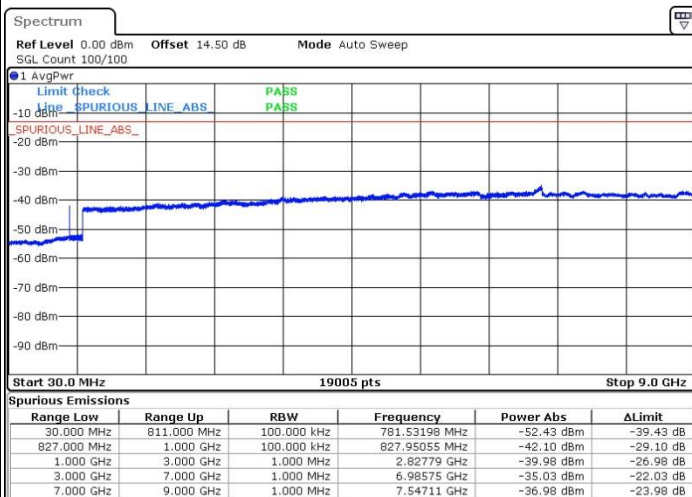
## LTE Band 26 / 5MHz

## Highest Channel / QPSK



Date: 27.JUL.2016 02:36:03

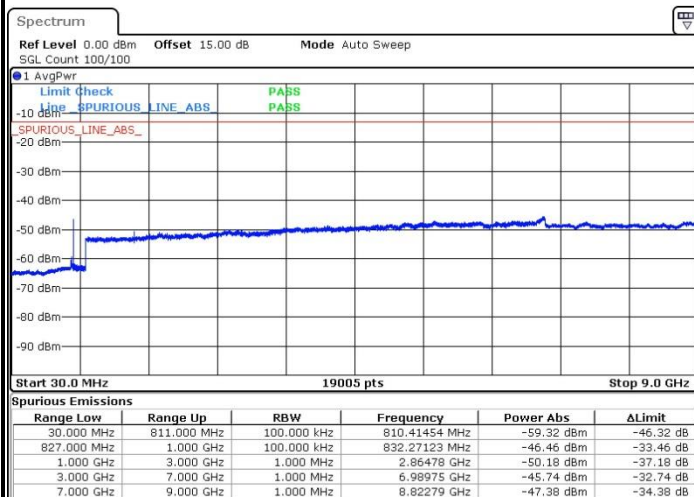
## Highest Channel / 16QAM



Date: 27.JUL.2016 02:37:00

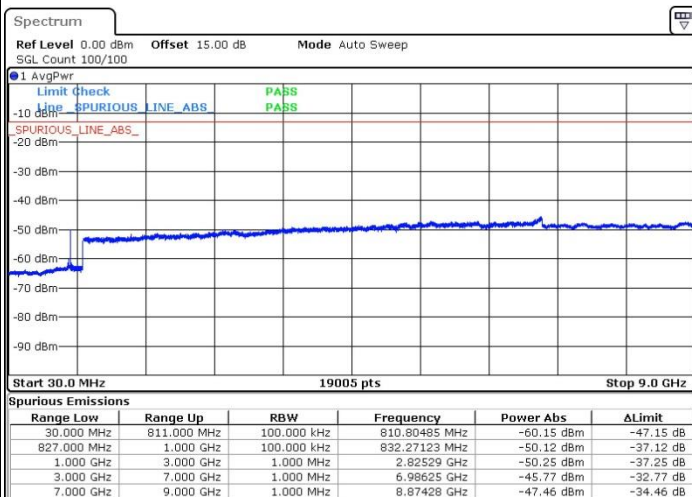
## LTE Band 26 / 10MHz

## Middle Channel / QPSK



Date: 27.JUL.2016 07:52:45

## Middle Channel / 16QAM



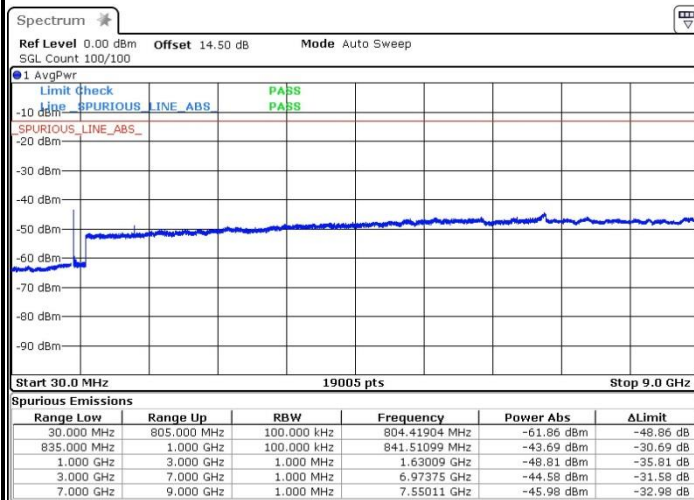
Date: 27.JUL.2016 07:53:13





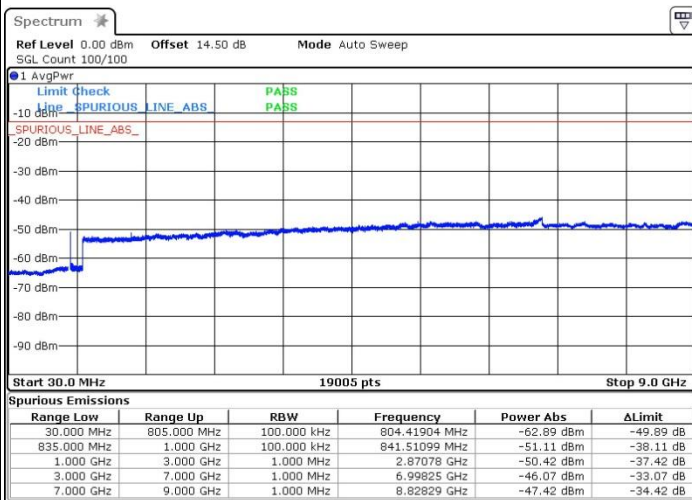
## LTE Band 26 / 15MHz

## Lowest Channel / QPSK



Date: 27.JUL.2016 08:03:39

## Lowest Channel / 16QAM



Date: 27.JUL.2016 08:05:27

## Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0024	PASS
40	Normal Voltage	0.0000	
30	Normal Voltage	0.0000	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0085	
0	Normal Voltage	0.0012	
-10	Normal Voltage	0.0012	
-20	Normal Voltage	0.0012	
-30	Normal Voltage	0.0012	
20	Maximum Voltage	0.0000	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0012	

**Note:**

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.35 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



## Appendix B. Test Results of Radiated Test

LTE Band 26 / 1.4MHz / 16QAM / 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	-56.81	-13	-43.81	-59.64	-63.50	0.56	9.40	H
	2455.38	-57.02	-13	-44.02	-62.76	-64.73	0.74	10.60	H
	3273.84	-58.22	-13	-45.22	-67.03	-67.82	0.85	12.60	H
	1636.92	-59.43	-13	-46.43	-61.09	-66.12	0.56	9.40	V
	2455.38	-57.21	-13	-44.21	-62.79	-64.92	0.74	10.60	V
	3273.84	-59.43	-13	-46.43	-67.57	-69.03	0.85	12.60	V

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

LTE Band 26 / 3MHz / 16QAM / 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	-55.05	-13	-42.05	-57.88	-61.74	0.56	9.40	H
	2453.22	-54.05	-13	-41.05	-59.79	-61.76	0.74	10.60	H
	3270.96	-57.90	-13	-44.90	-66.71	-67.50	0.85	12.60	H
	1635.48	-57.02	-13	-44.02	-58.68	-63.71	0.56	9.40	V
	2453.22	-54.03	-13	-41.03	-59.61	-61.74	0.74	10.60	V
	3270.96	-58.66	-13	-45.66	-66.80	-68.26	0.85	12.60	V

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



LTE Band 26 / 5MHz / 16QAM / 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	1633.62	-53.96	-13	-40.96	-56.80	-60.65	0.56	9.40	H
	2450.43	-51.95	-13	-38.95	-57.69	-59.66	0.74	10.60	H
	3267.24	-58.24	-13	-45.24	-67.05	-67.84	0.85	12.60	H
	1633.62	-58.10	-13	-45.10	-59.76	-64.79	0.56	9.40	V
	2450.43	-52.94	-13	-39.94	-58.54	-60.65	0.74	10.60	V
	3267.24	-58.61	-13	-45.61	-66.75	-68.21	0.85	12.60	V

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

LTE Band 26 / 10MHz / 16QAM / 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	-53.03	-13	-40.03	-55.89	-59.72	0.56	9.40	H
	2443.77	-50.01	-13	-37.01	-56.21	-57.72	0.74	10.60	H
	3258.36	-58.11	-13	-45.11	-66.92	-67.71	0.85	12.60	H
	1629.18	-57.78	-13	-44.78	-59.44	-64.47	0.56	9.40	V
	2443.77	-50.79	-13	-37.79	-56.75	-58.50	0.74	10.60	V
	3258.36	-58.96	-13	-45.96	-67.10	-68.56	0.85	12.60	V

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