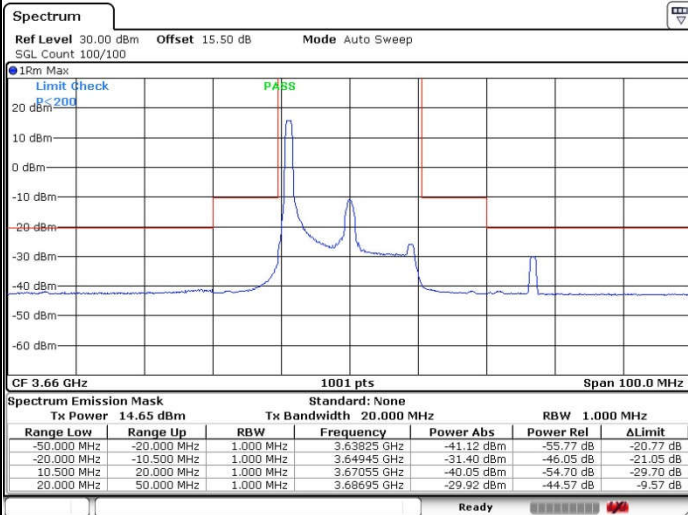




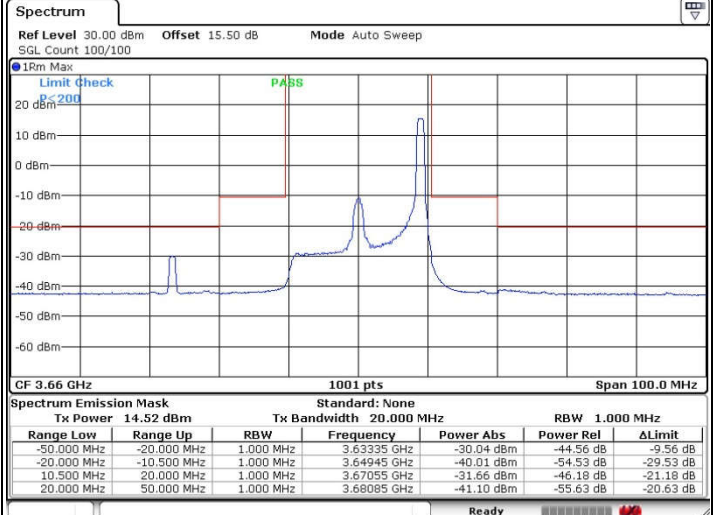
## LTE Band 43 / 20MHz / QPSK

## Lowest Channel / RB Size 1 Offset 0

## Lowest Channel / RB Size 1 Offset full



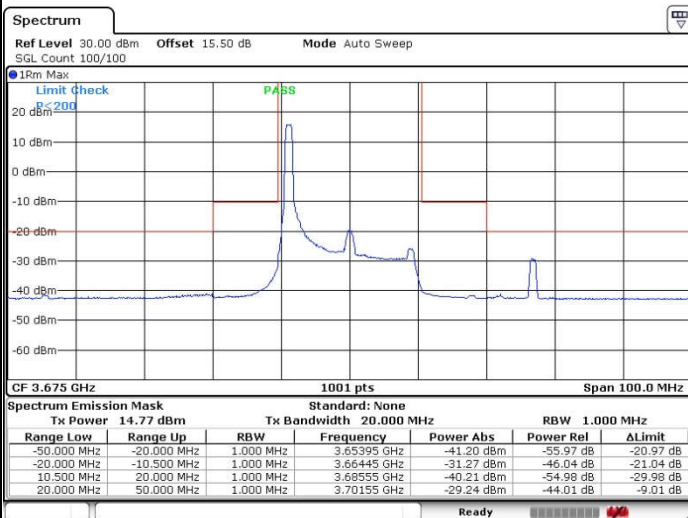
Date: 26.JUL.2016 13:35:18



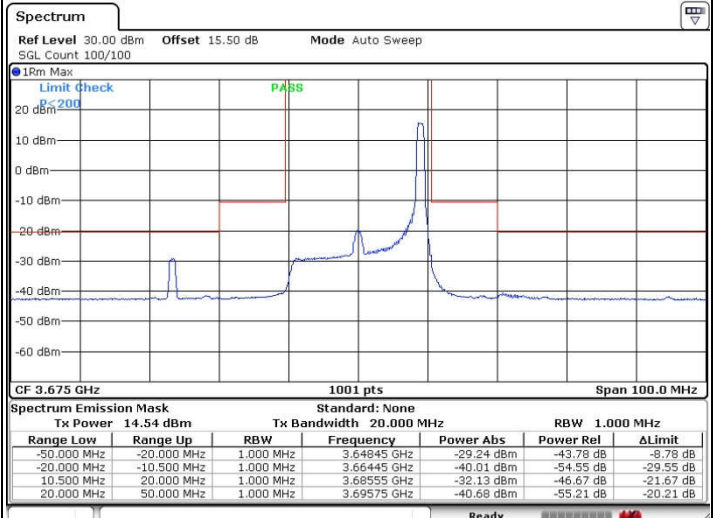
Date: 26.JUL.2016 13:36:30

## Middle Channel / RB Size 1 Offset 0

## Middle Channel / RB Size 1 Offset full



Date: 26.JUL.2016 13:42:16



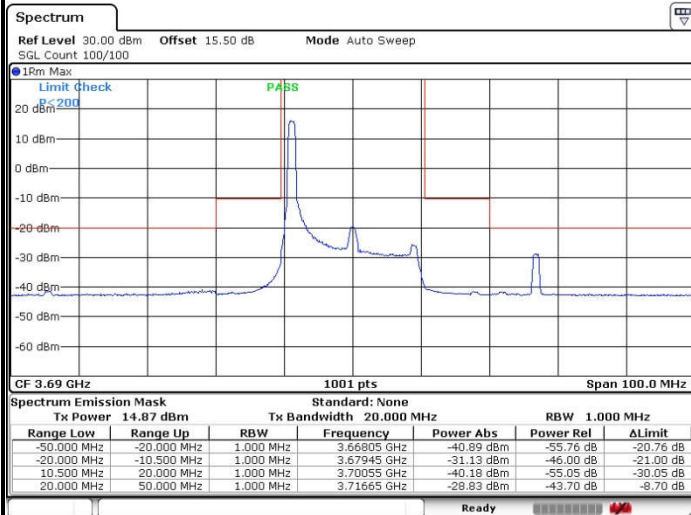
Date: 26.JUL.2016 13:40:47



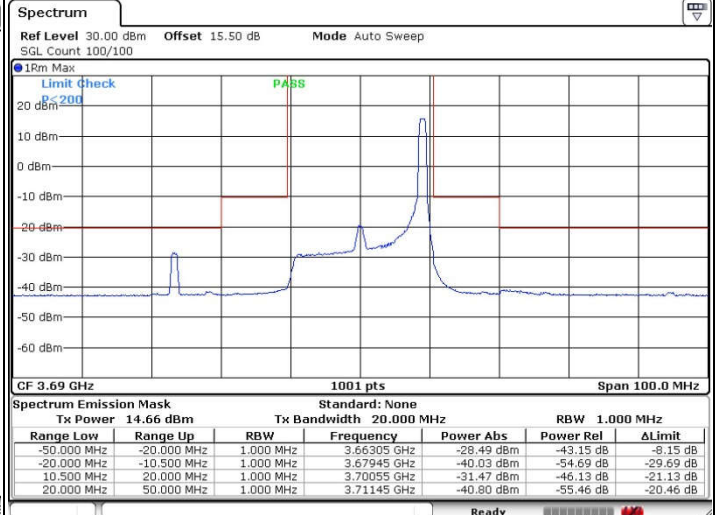
## LTE Band 43 / 20MHz / QPSK

## Highest Channel / RB Size 1 Offset 0

## Highest Channel / RB Size 1 Offset full



Date: 26.JUL.2016 13:52:51



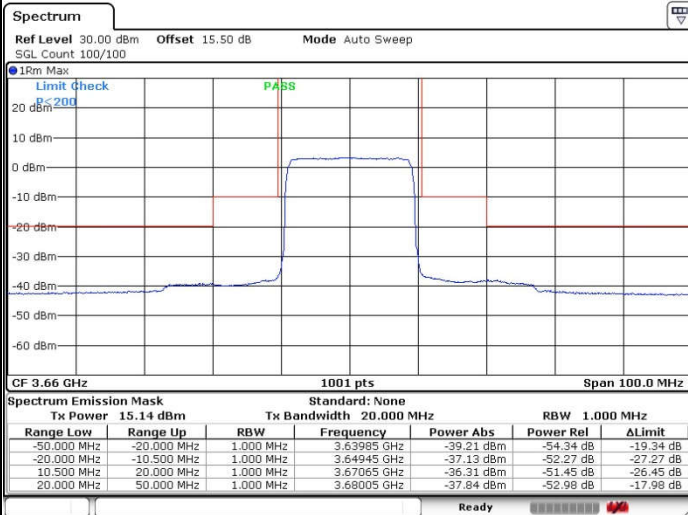
Date: 26.JUL.2016 13:54:04



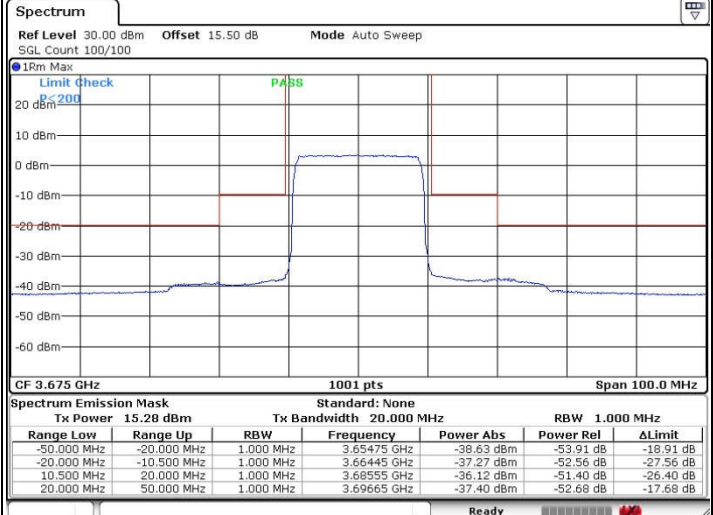
## LTE Band 43 / 20MHz / QPSK

## Lowest Channel / RB Size full Offset 0

## Middle Channel / RB Size full Offset 0

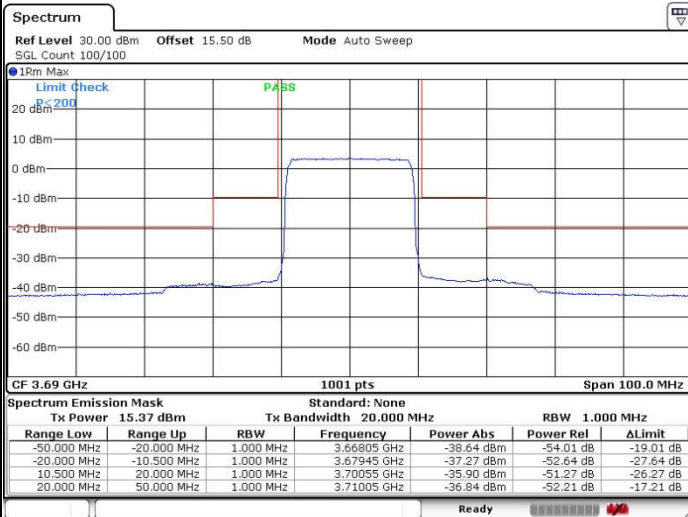


Date: 26.JUL.2016 13:29:51



Date: 26.JUL.2016 13:46:55

## Highest Channel / RB Size full Offset 0



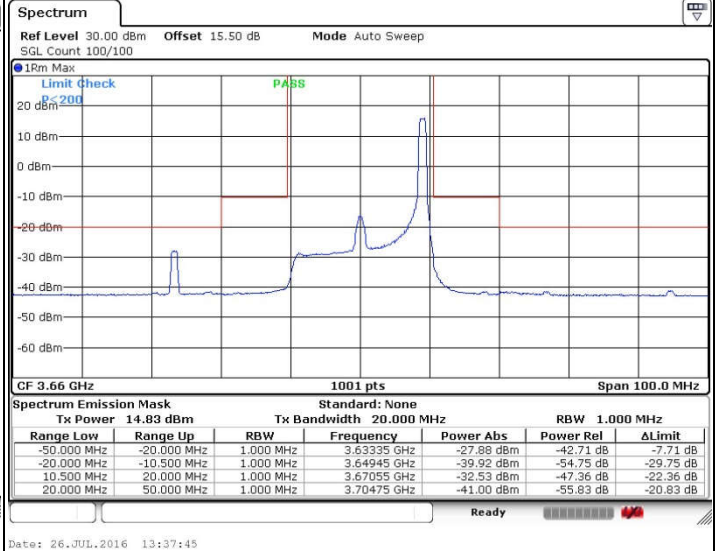
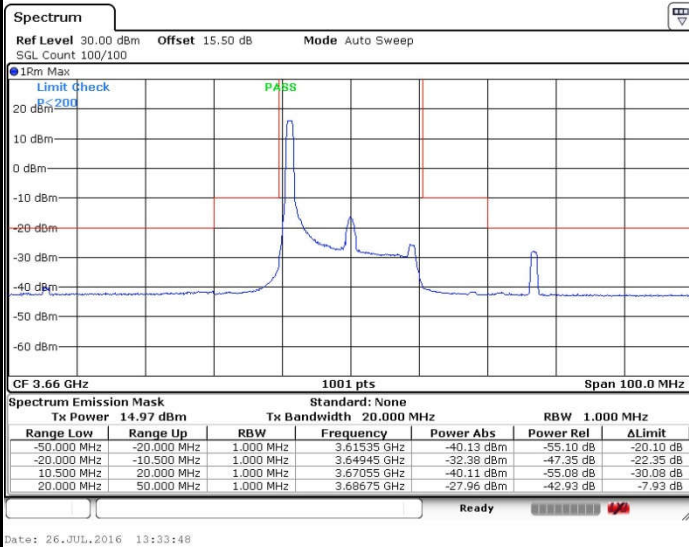
Date: 26.JUL.2016 13:48:41



## LTE Band 43 / 20MHz / 16QAM

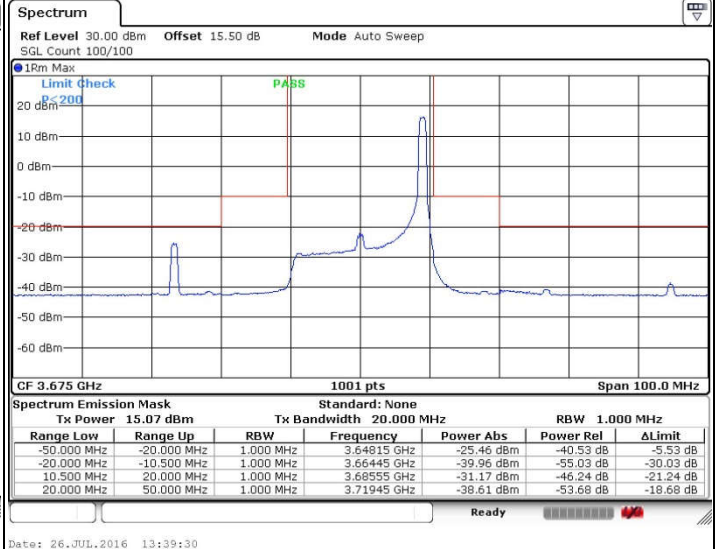
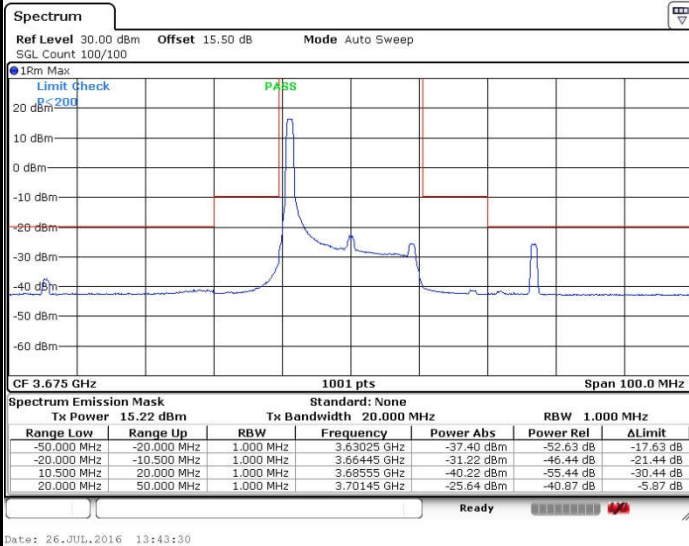
## Lowest Channel / RB Size 1 Offset 0

## Lowest Channel / RB Size 1 Offset full



## Middle Channel / RB Size 1 Offset 0

## Middle Channel / RB Size 1 Offset full

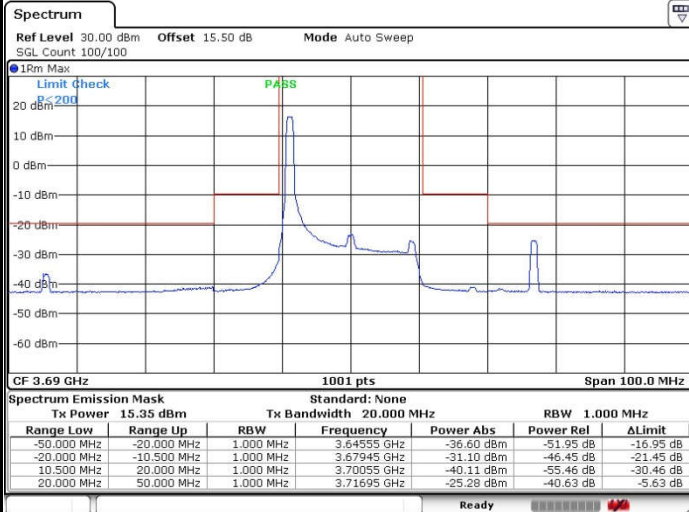




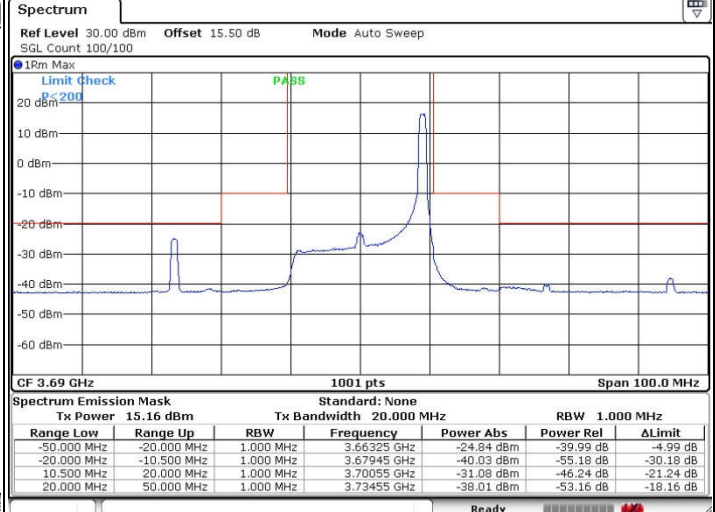
## LTE Band 43 / 20MHz / 16QAM

## Highest Channel / RB Size 1 Offset 0

## Highest Channel / RB Size 1 Offset full



Date: 26.JUL.2016 13:51:26



Date: 26.JUL.2016 13:55:11

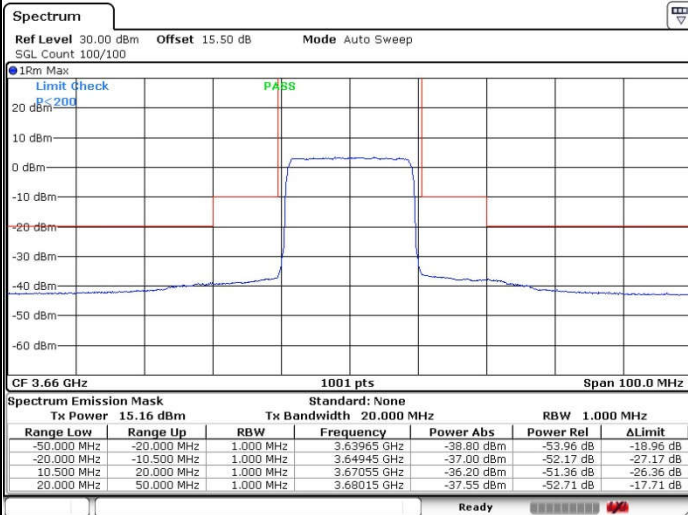




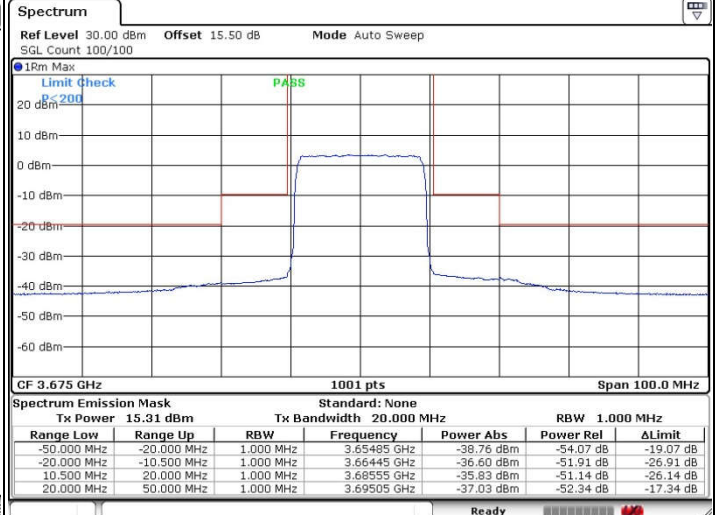
## LTE Band 43 / 20MHz / 16QAM

## Lowest Channel / RB Size full Offset 0

## Middle Channel / RB Size full Offset 0

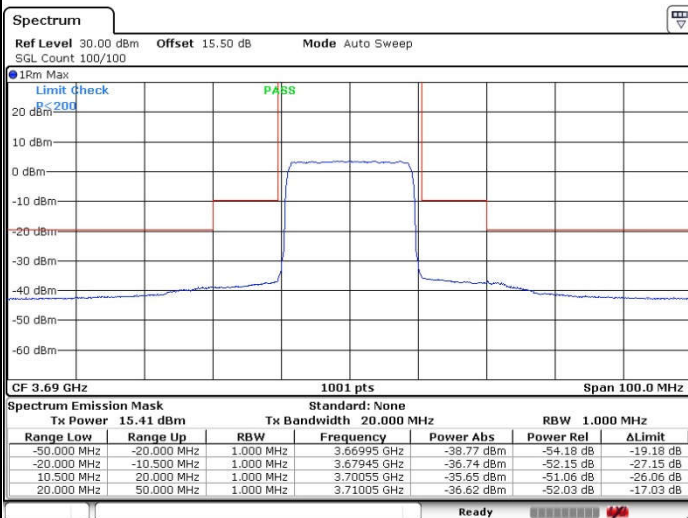


Date: 26.JUL.2016 13:31:48



Date: 26.JUL.2016 13:44:58

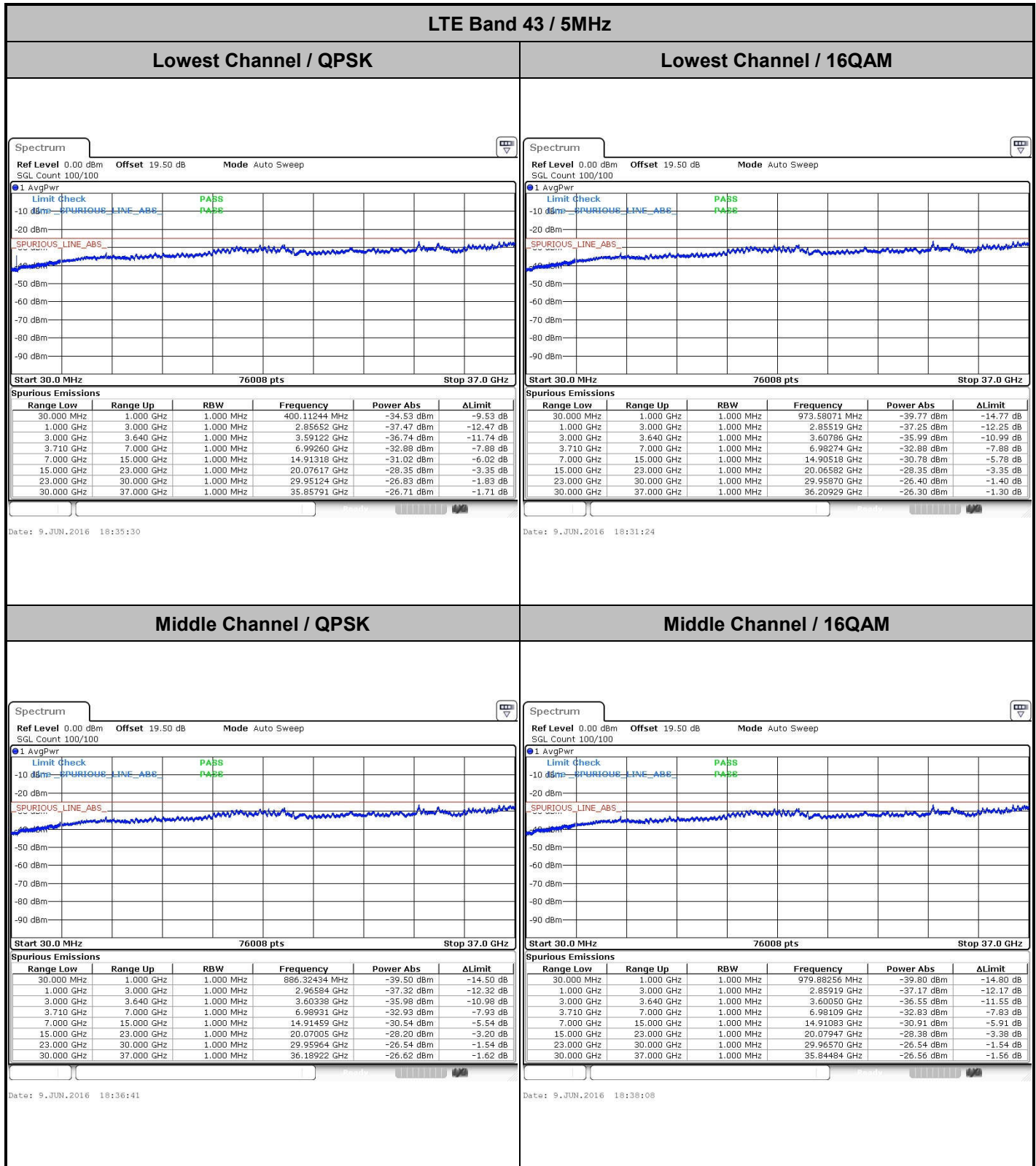
## Highest Channel / RB Size full Offset 0



Date: 26.JUL.2016 13:50:05



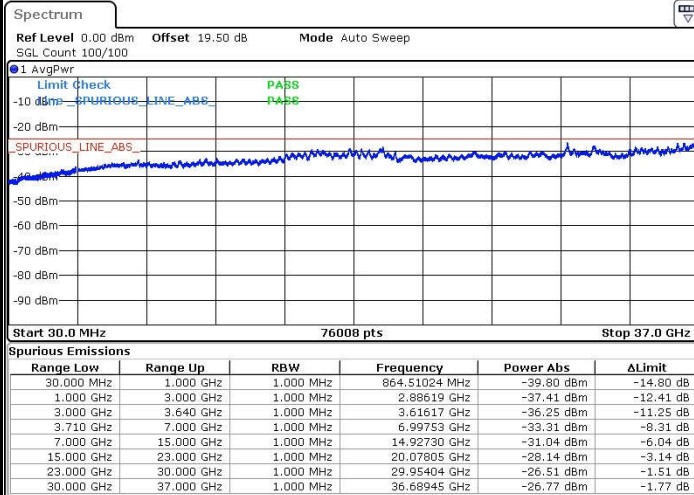
## Conducted Spurious Emission





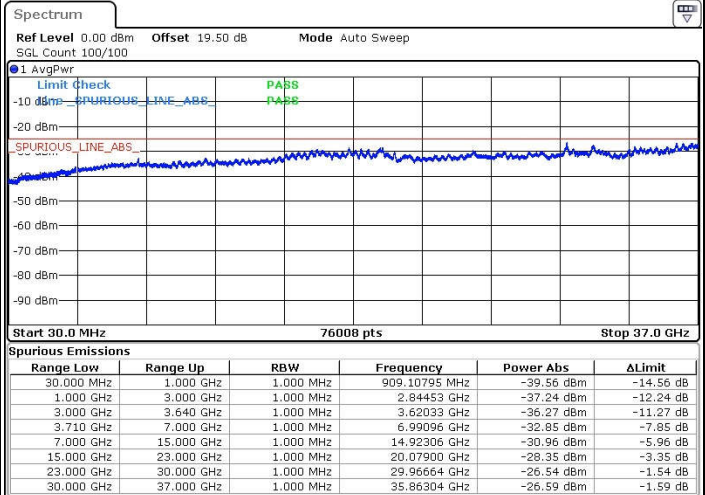
## LTE Band 43 / 5MHz

## Highest Channel / QPSK



Date: 9.JUN.2016 18:40:32

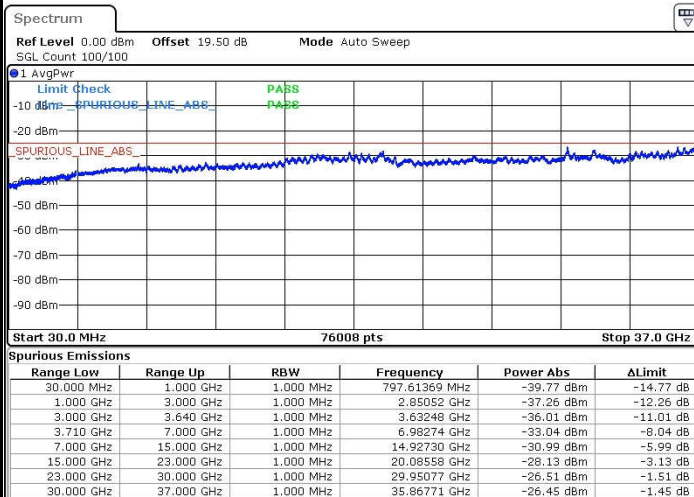
## Highest Channel / 16QAM



Date: 9.JUN.2016 18:39:15

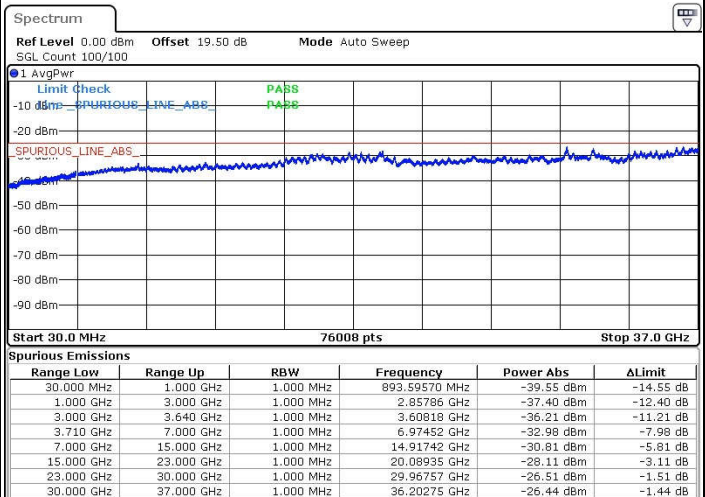
## LTE Band 43 / 10MHz

## Lowest Channel / QPSK



Date: 9.JUN.2016 18:07:24

## Lowest Channel / 16QAM



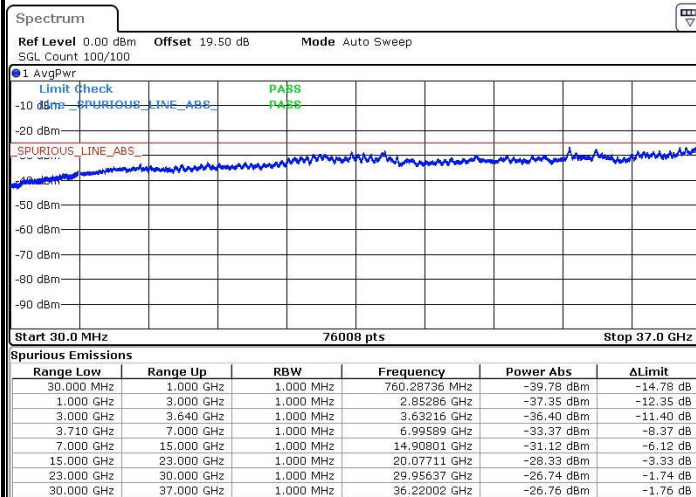
Date: 9.JUN.2016 18:08:29





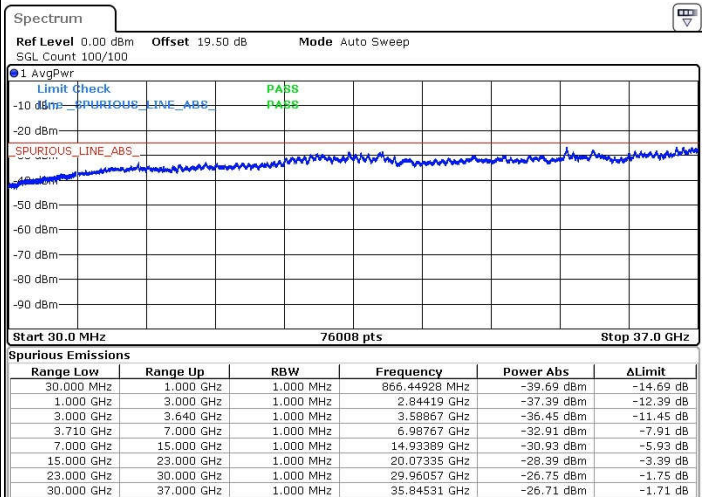
## LTE Band 43 / 10MHz

## Middle Channel / QPSK



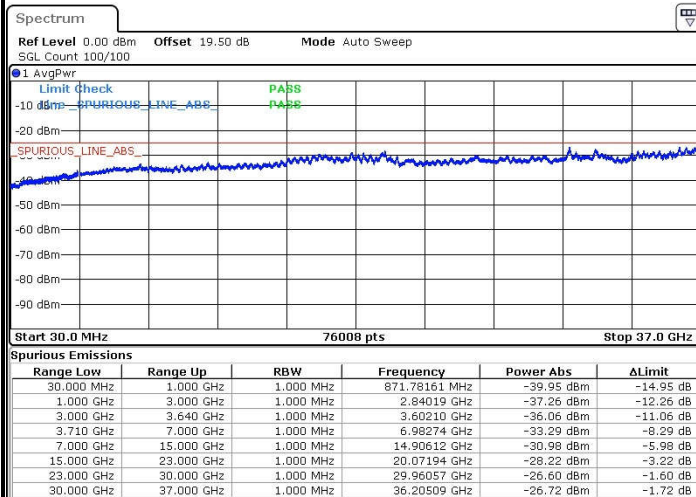
Date: 9.JUN.2016 18:10:59

## Middle Channel / 16QAM



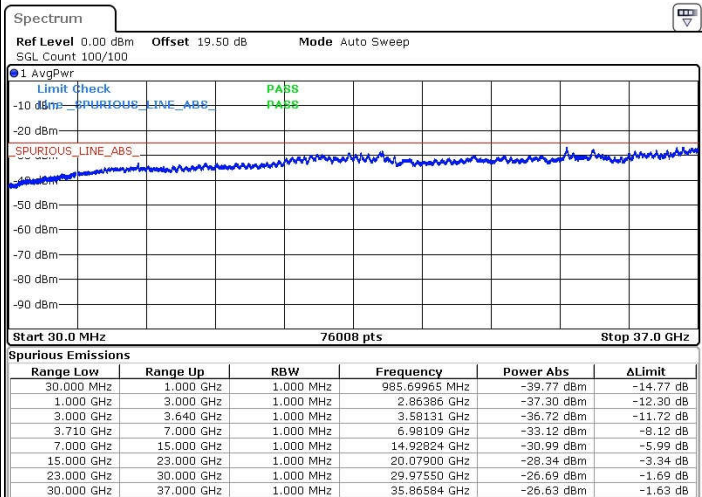
Date: 9.JUN.2016 18:09:47

## Highest Channel / QPSK



Date: 9.JUN.2016 18:12:10

## Highest Channel / 16QAM

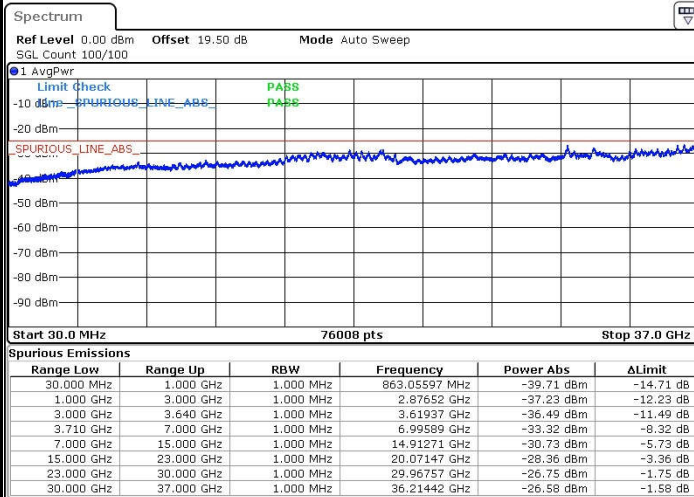


Date: 9.JUN.2016 18:29:22



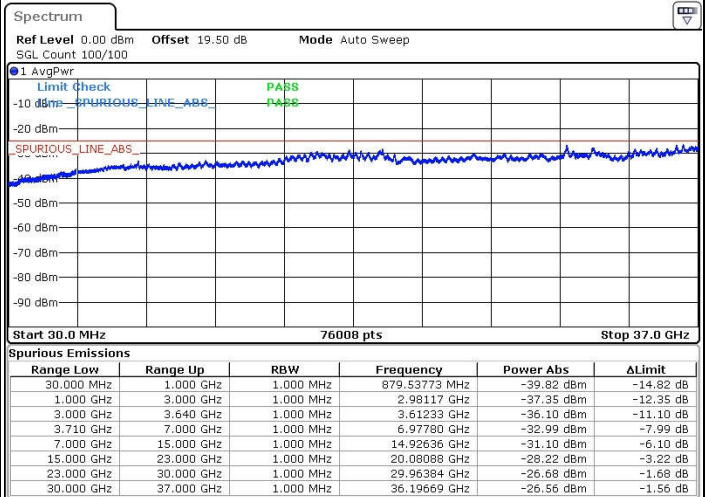
## LTE Band 43 / 15MHz

## Lowest Channel / QPSK



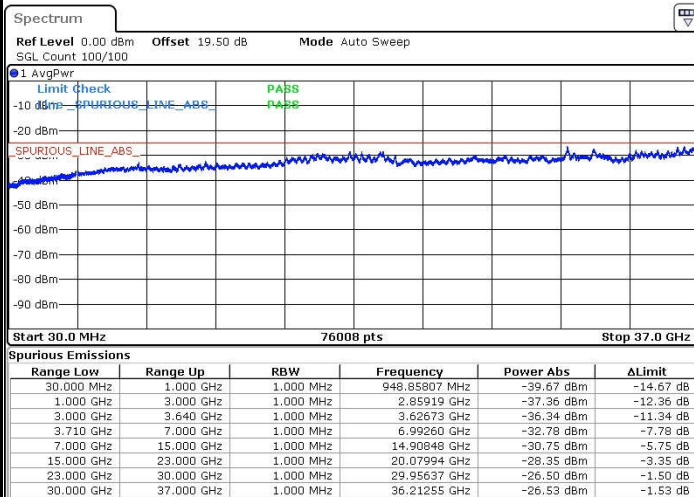
Date: 9.JUN.2016 18:00:28

## Lowest Channel / 16QAM



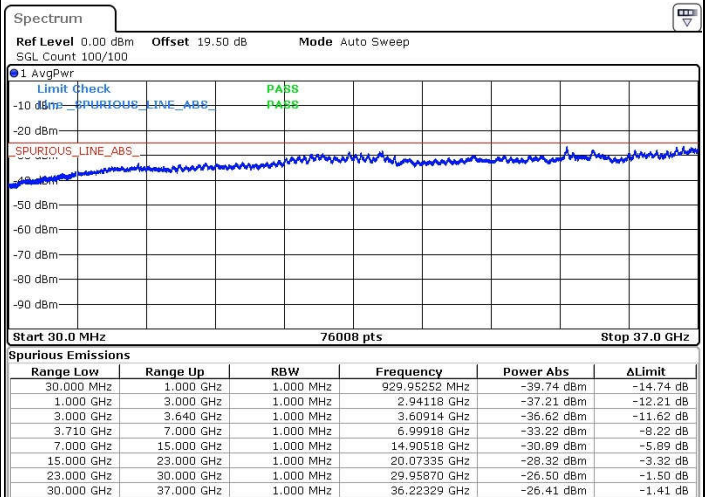
Date: 9.JUN.2016 17:59:19

## Middle Channel / QPSK



Date: 9.JUN.2016 18:01:35

## Middle Channel / 16QAM

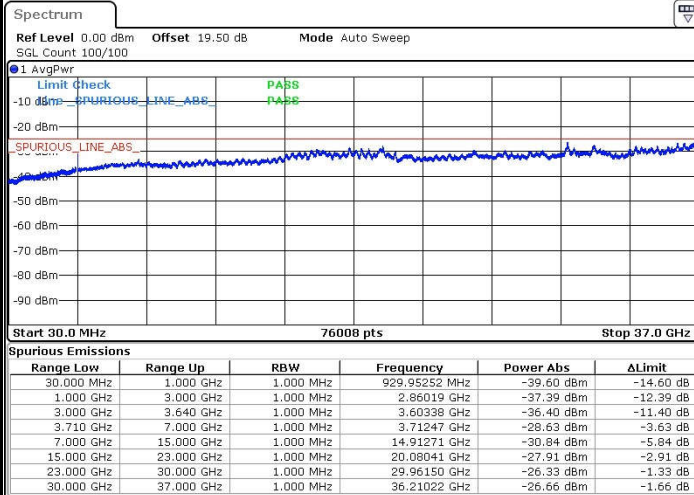


Date: 9.JUN.2016 18:02:45



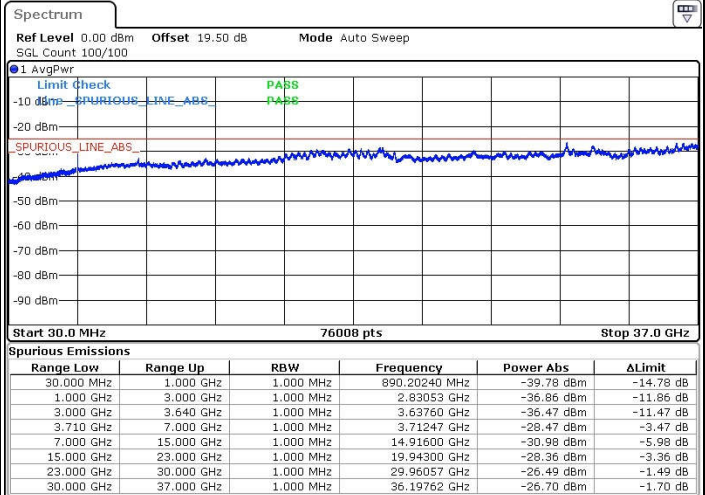
## LTE Band43 / 15MHz

## Highest Channel / QPSK



Date: 9.JUN.2016 18:05:15

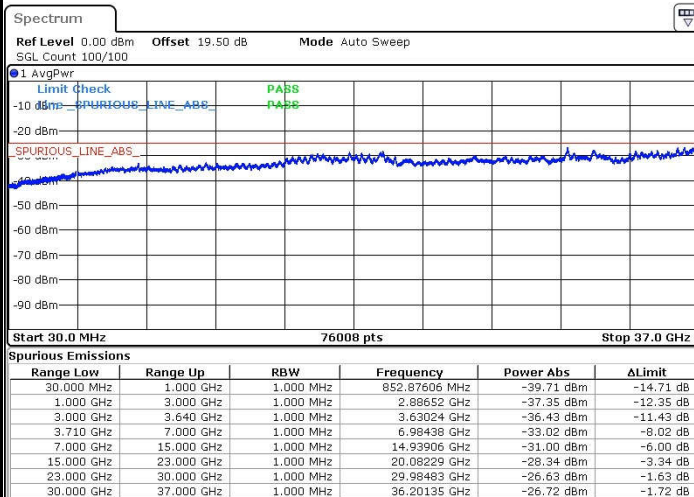
## Highest Channel / 16QAM



Date: 9.JUN.2016 18:03:55

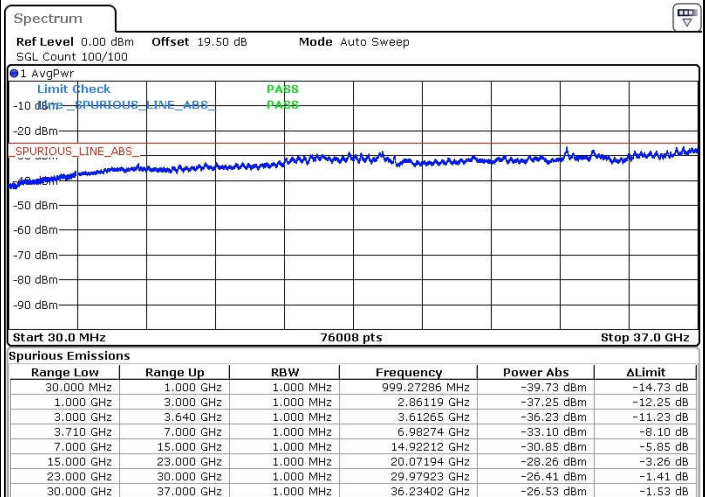
## LTE Band 43 / 20MHz

## Lowest Channel / QPSK



Date: 9.JUN.2016 17:55:42

## Lowest Channel / 16QAM

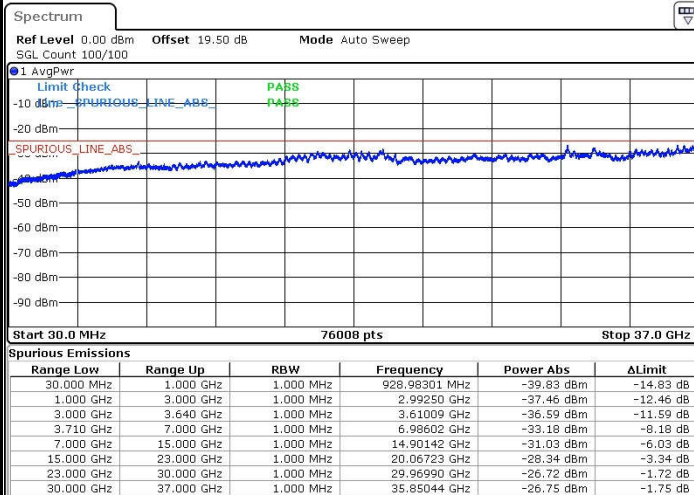


Date: 9.JUN.2016 17:56:57



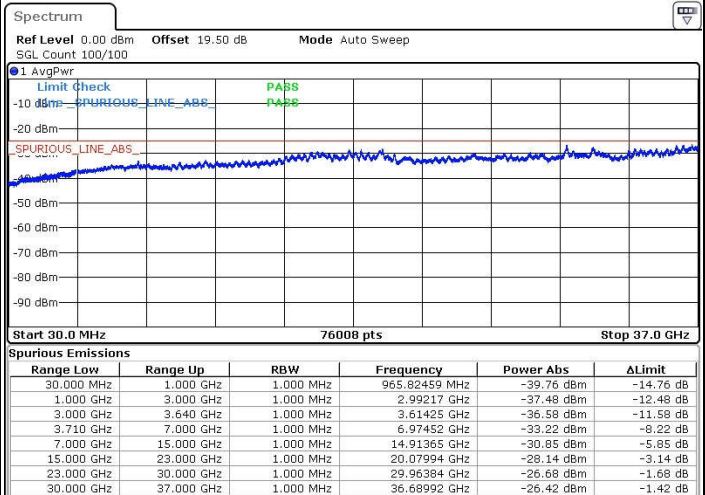
## LTE Band 43 / 20MHz

## Middle Channel / QPSK



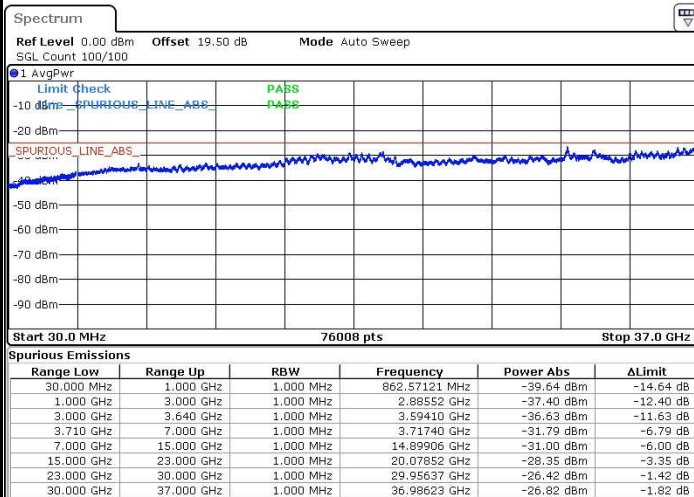
Date: 9.JUN.2016 17:54:25

## Middle Channel / 16QAM



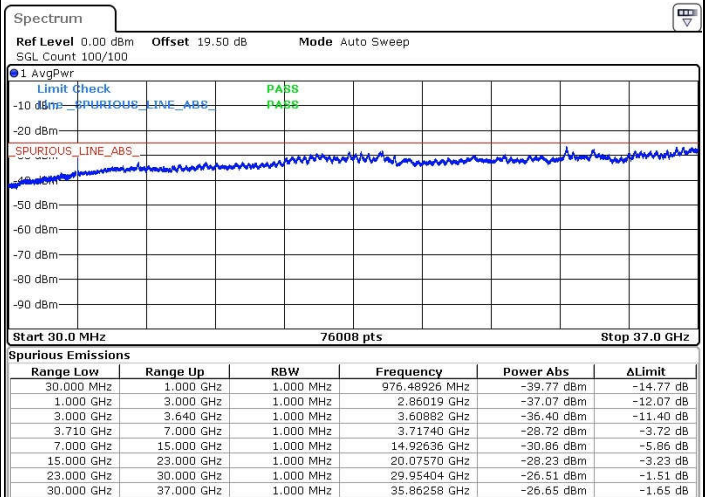
Date: 9.JUN.2016 17:52:40

## Highest Channel / QPSK



Date: 9.JUN.2016 17:49:46

## Highest Channel / 16QAM



Date: 9.JUN.2016 17:51:34



**Frequency Stability**

Test Conditions		LTE Band 43 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note.2
		Deviation (ppm)	Result
50	Normal Voltage	0.0022	PASS
40	Normal Voltage	0.0014	
30	Normal Voltage	0.0005	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0003	
0	Normal Voltage	0.0008	
-10	Normal Voltage	0.0019	
-20	Normal Voltage	0.0030	
-30	Normal Voltage	0.0024	
18.00V	Maximum Voltage	0.0011	
12.00V	Normal Voltage	0.0000	
BEP= 9.00V	Battery End Point	0.0008	

**Note:**

1. Normal Voltage = 18.00V. ; Battery End Point (BEP) = 9.00 V. ; Maximum Voltage =18.00 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 43 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency ( MHz )	EIRP ( 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	7320.00	-45.58	-13	-32.58	-65.22	-55.59	1.69	11.70	H
	10980.00	-42.45	-13	-29.45	-67.40	-52.06	1.89	11.50	H
	14641.00	-35.52	-13	-22.52	-61.91	-47.04	2.08	13.60	H
	7320.00	-48.25	-13	-35.25	-67.19	-58.26	1.69	11.70	V
	10980.00	-42.03	-13	-29.03	-67.47	-51.64	1.89	11.50	V
	14641.00	-36.84	-13	-23.84	-61.77	-48.36	2.08	13.60	V

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

LTE Band 43 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency ( MHz )	EIRP ( 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	7316.00	-45.05	-13	-32.05	-64.69	-55.06	1.69	11.70	H
	10974.00	-41.35	-13	-28.35	-66.30	-50.96	1.89	11.50	H
	14632.00	-34.94	-13	-21.94	-61.33	-46.46	2.08	13.60	H
	7316.00	-46.30	-13	-33.30	-65.24	-56.31	1.69	11.70	V
	10974.00	-41.72	-13	-28.72	-67.16	-51.33	1.89	11.50	V
	14632.00	-34.80	-13	-21.80	-61.32	-46.32	2.08	13.60	V

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



LTE Band 43 / 15MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency ( MHz )	EIRP ( 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	7311.00	-48.24	-13	-35.24	-67.88	-58.25	1.69	11.70	H
	10967.00	-42.05	-13	-29.05	-67.00	-51.66	1.89	11.50	H
	14623.00	-34.64	-13	-21.64	-61.03	-46.16	2.08	13.60	H
	7311.00	-48.63	-13	-35.63	-67.57	-58.64	1.69	11.70	V
	10967.00	-42.39	-13	-29.39	-67.83	-52.00	1.89	11.50	V
	14623.00	-34.60	-13	-21.60	-61.31	-46.12	2.08	13.60	V

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

LTE Band 43 / 20MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency ( MHz )	EIRP ( 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	7307.00	-47.77	-13	-34.77	-67.41	-57.78	1.69	11.70	H
	10960.00	-42.70	-13	-29.70	-67.65	-52.31	1.89	11.50	H
	14614.00	-35.45	-13	-22.45	-61.84	-46.97	2.08	13.60	H
	7307.00	-49.16	-13	-36.16	-68.1	-59.17	1.69	11.70	V
	10960.00	-42.58	-13	-29.58	-68.02	-52.19	1.89	11.50	V
	14614.00	-37.01	-13	-24.01	-61.85	-48.53	2.08	13.60	V

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