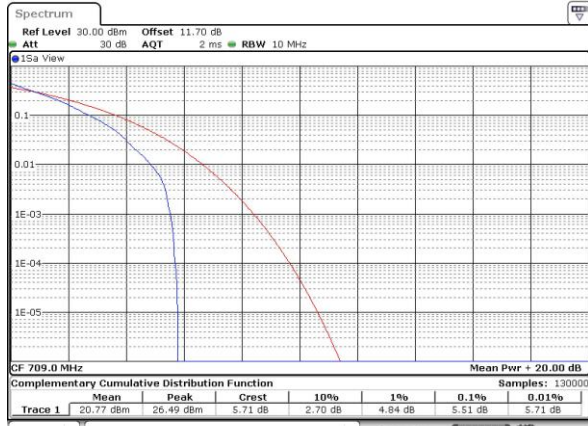




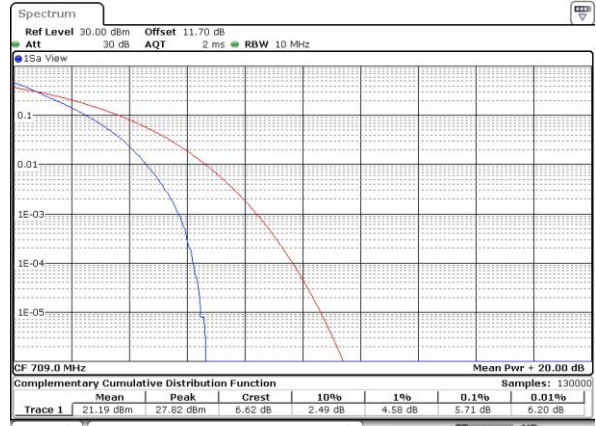
LTE Band 17

Peak-to-Average Ratio

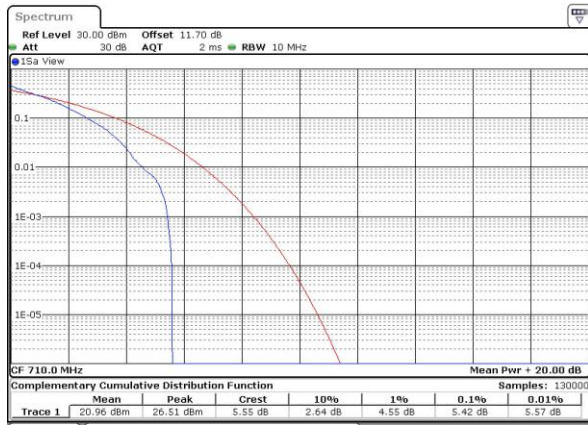
Mode	LTE Band 17 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	5.51	5.71	6.9	6.52	PASS
Middle CH	5.42	5.71	6.7	6.46	
Highest CH	5.51	5.71	6.61	6.43	

LTE Band 17 / 10MHz / QPSK
Lowest Channel / 1RB


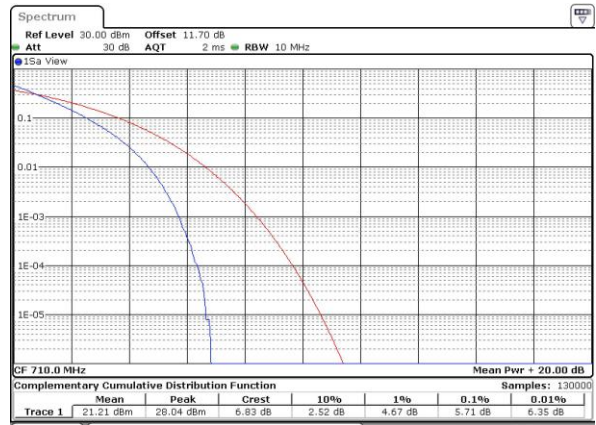
Date: 6 NOV 2015 23:24:24

Lowest Channel / Full RB


Date: 6 NOV 2015 23:24:41

Middle Channel/ 1RB


Date: 6 NOV 2015 23:25:13

Middle Channel / Full RB


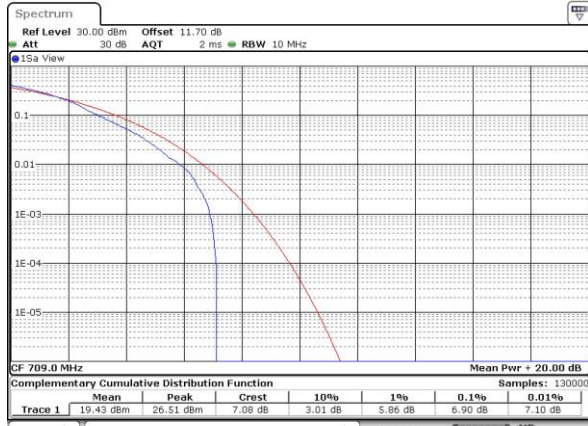
Date: 6 NOV 2015 23:26:10

Highest Channel/ 1RB

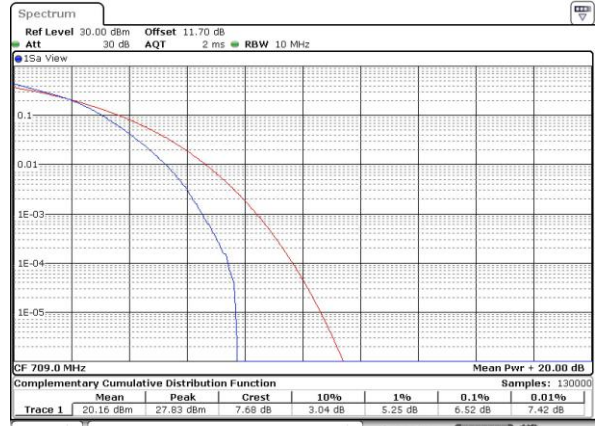

Date: 6 NOV 2015 23:26:20

Highest Channel / Full RB

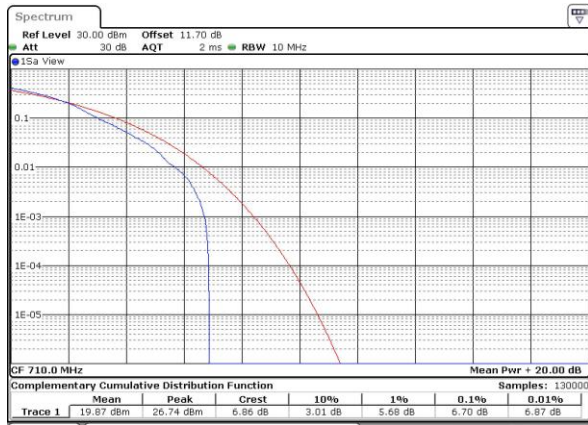

Date: 6 NOV 2015 23:29:09

LTE Band 17 / 10MHz / 16QAM
Lowest Channel / 1RB


Date: 6 NOV 2015 23:22:08

Lowest Channel / Full RB


Date: 6 NOV 2015 23:22:20

Middle Channel/ 1RB


Date: 6 NOV 2015 23:22:32

Middle Channel / Full RB


Date: 6 NOV 2015 23:22:44

Highest Channel/ 1RB


Date: 6 NOV 2015 23:22:55

Highest Channel / Full RB


Date: 6 NOV 2015 23:23:56



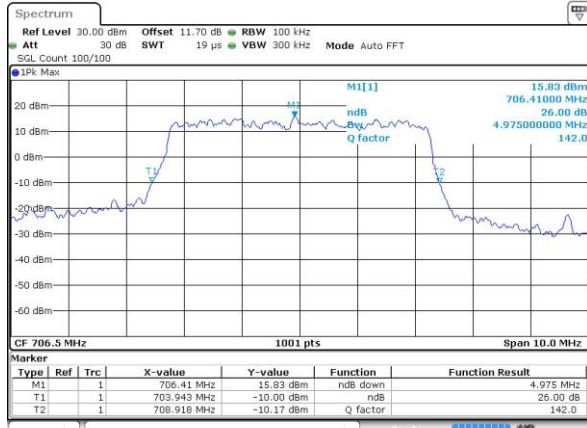
26dB Bandwidth

Mode	LTE Band 17 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.98	5.11	9.83	9.77	-	-	-	-
Middle CH	-	-	-	-	5.06	5.1	9.83	9.89	-	-	-	-
Highest CH	-	-	-	-	4.96	4.96	9.89	9.75	-	-	-	-



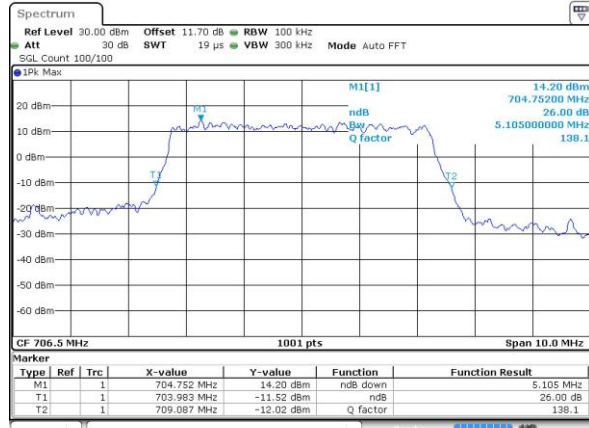
LTE Band 17

Lowest Channel / 5MHz / QPSK



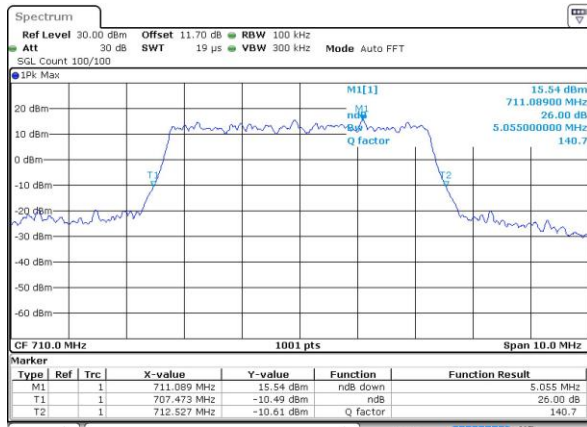
Date: 6 NOV 2015 22:34:11

Lowest Channel / 5MHz / 16QAM



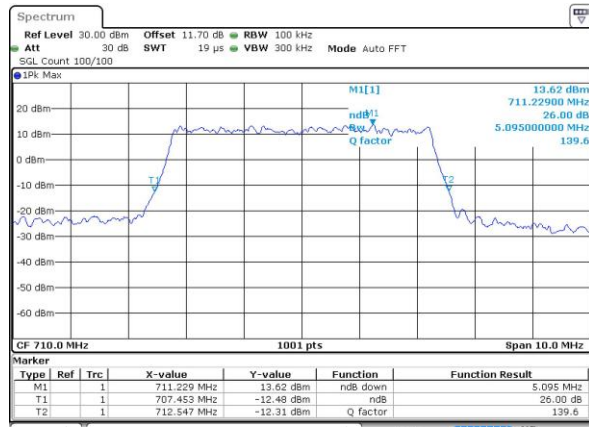
Date: 6 NOV 2015 22:34:22

Middle Channel / 5MHz / QPSK



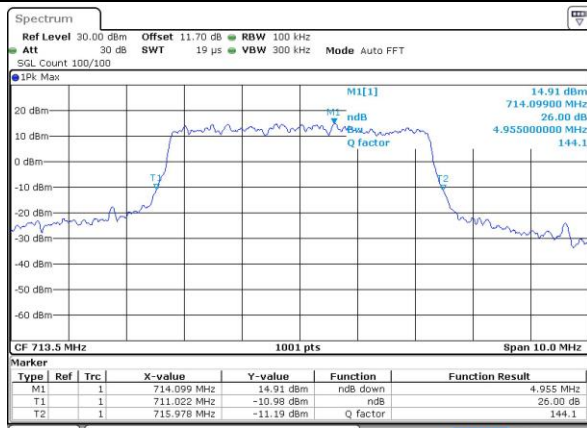
Date: 6 NOV 2015 22:44:52

Middle Channel / 5MHz / 16QAM



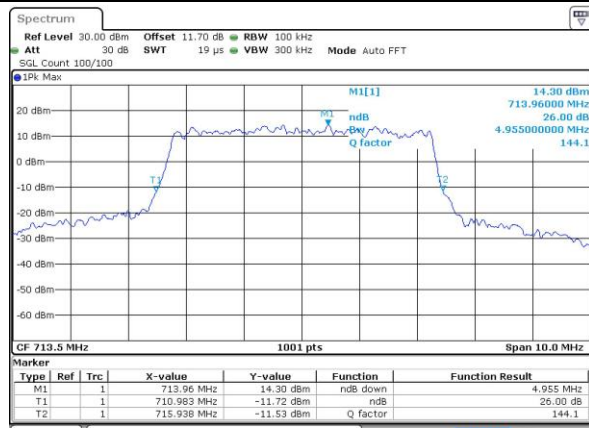
Date: 6 NOV 2015 22:45:02

Highest Channel / 5MHz / QPSK



Date: 6 NOV 2015 22:47:23

Highest Channel / 5MHz / 16QAM

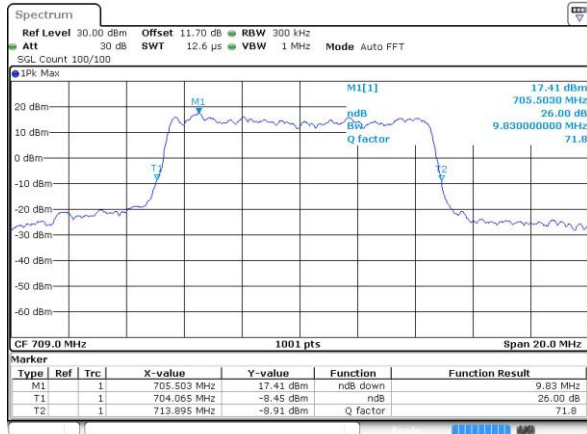


Date: 6 NOV 2015 22:47:33



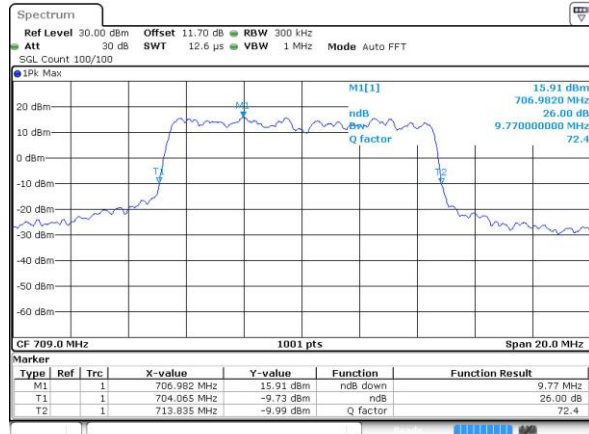
LTE Band 17

Lowest Channel / 10MHz / QPSK



Date: 6 NOV 2015 22:58:03

Lowest Channel / 10MHz / 16QAM



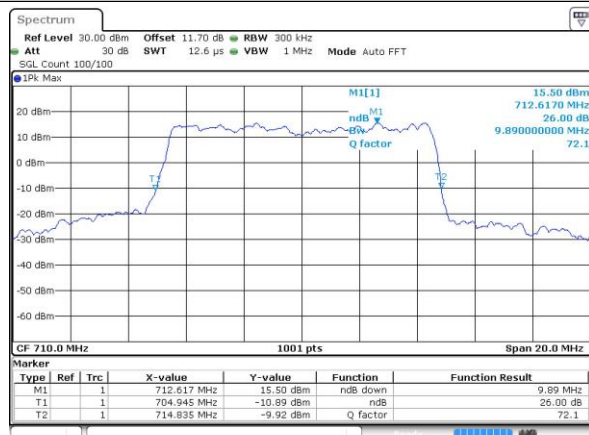
Date: 6 NOV 2015 22:58:13

Middle Channel / 10MHz / QPSK



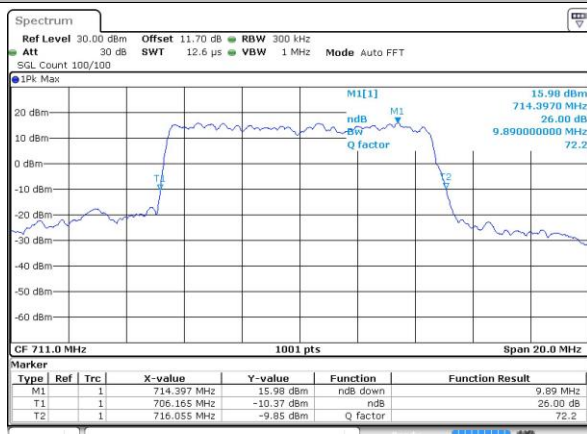
Date: 6 NOV 2015 23:08:43

Middle Channel / 10MHz / 16QAM



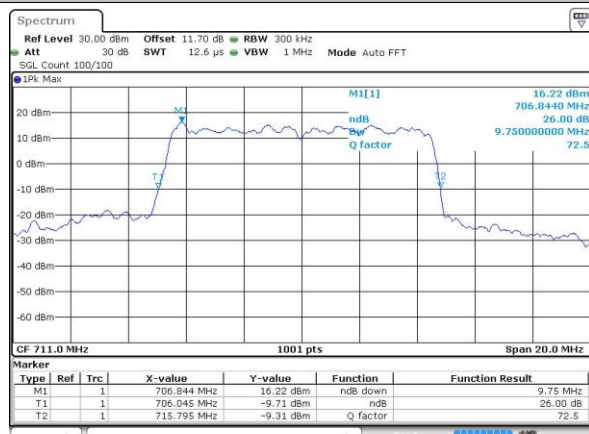
Date: 6 NOV 2015 23:08:54

Highest Channel / 10MHz / QPSK



Date: 6 NOV 2015 23:11:14

Highest Channel / 10MHz / 16QAM



Date: 6 NOV 2015 23:11:25



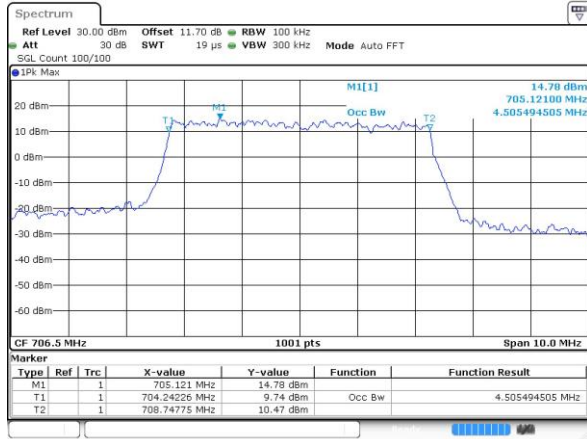
Occupied Bandwidth

Mode	LTE Band 17 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.51	4.52	9.01	9.01	-	-	-	-
Middle CH	-	-	-	-	4.51	4.5	9.05	9.07	-	-	-	-
Highest CH	-	-	-	-	4.49	4.49	8.99	9.07	-	-	-	-

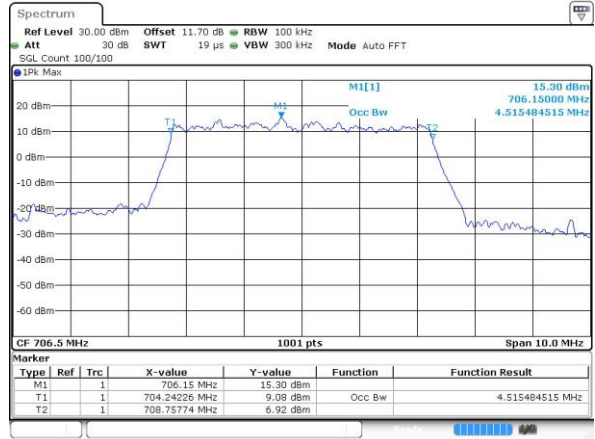


LTE Band 17

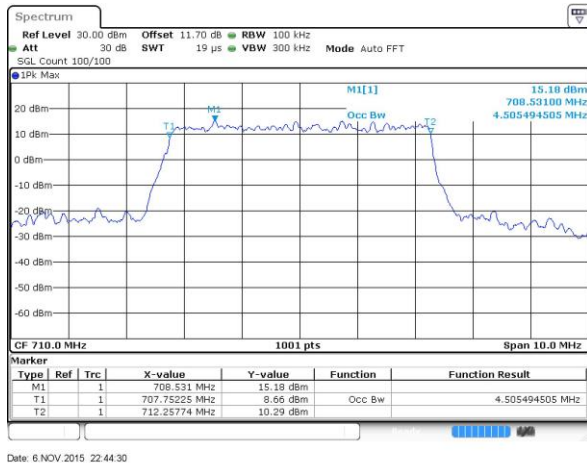
Lowest Channel / 5MHz / QPSK



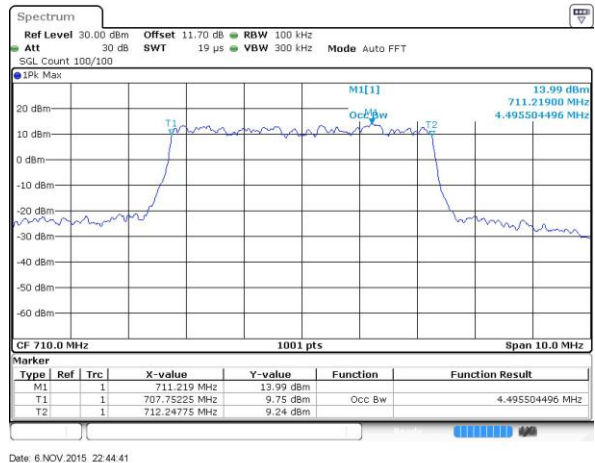
Lowest Channel / 5MHz / 16QAM



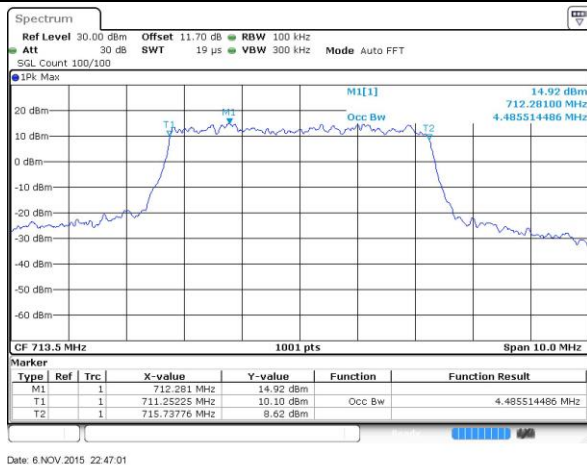
Middle Channel / 5MHz / QPSK



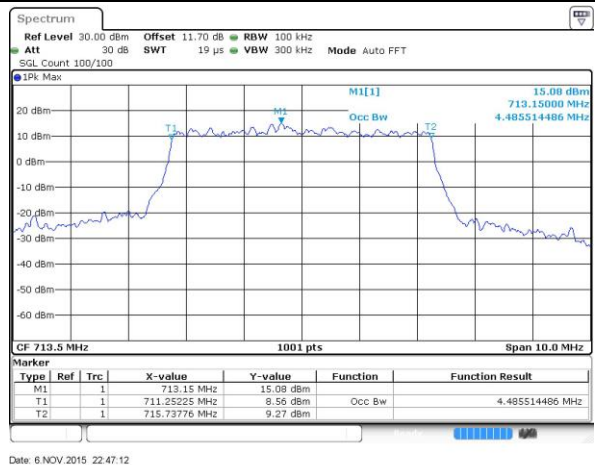
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



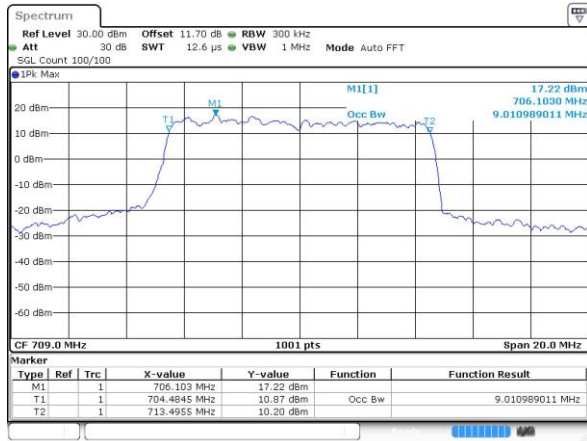
Highest Channel / 5MHz / 16QAM





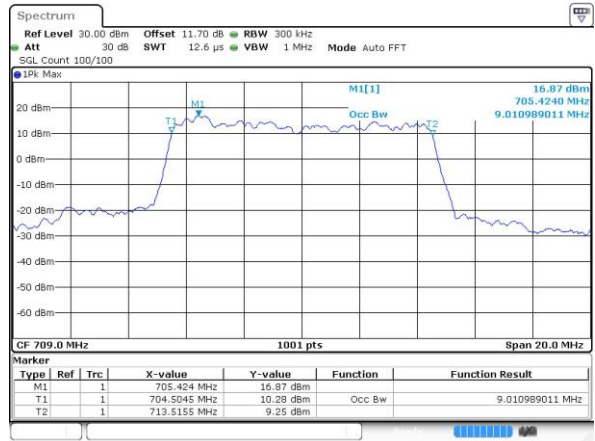
LTE Band 17

Lowest Channel / 10MHz / QPSK



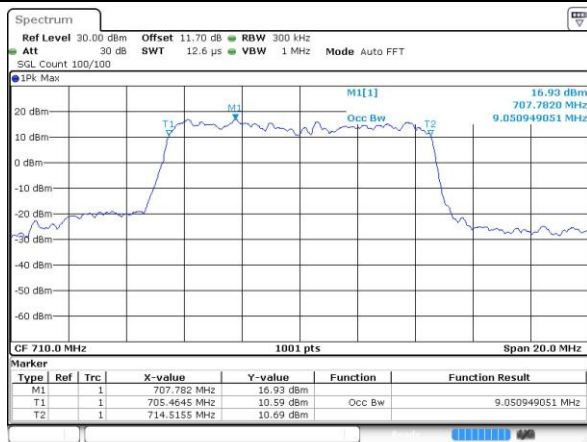
Date: 6 NOV 2015 22:57:42

Lowest Channel / 10MHz / 16QAM



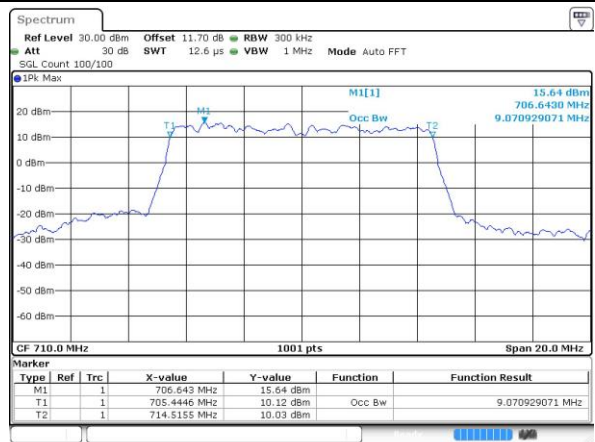
Date: 6 NOV 2015 22:57:52

Middle Channel / 10MHz / QPSK



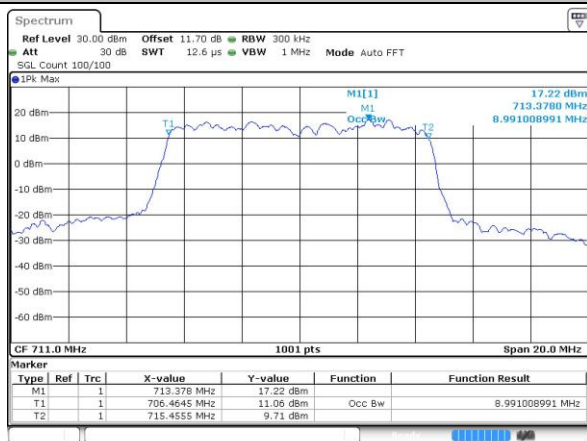
Date: 6 NOV 2015 23:08:22

Middle Channel / 10MHz / 16QAM



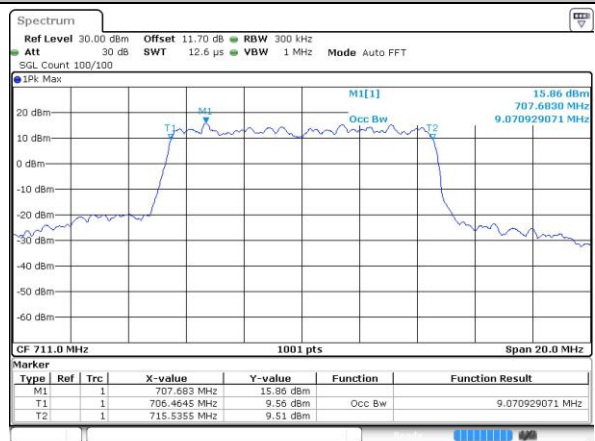
Date: 6 NOV 2015 23:08:32

Highest Channel / 10MHz / QPSK



Date: 6 NOV 2015 23:10:53

Highest Channel / 10MHz / 16QAM



Date: 6 NOV 2015 23:11:04

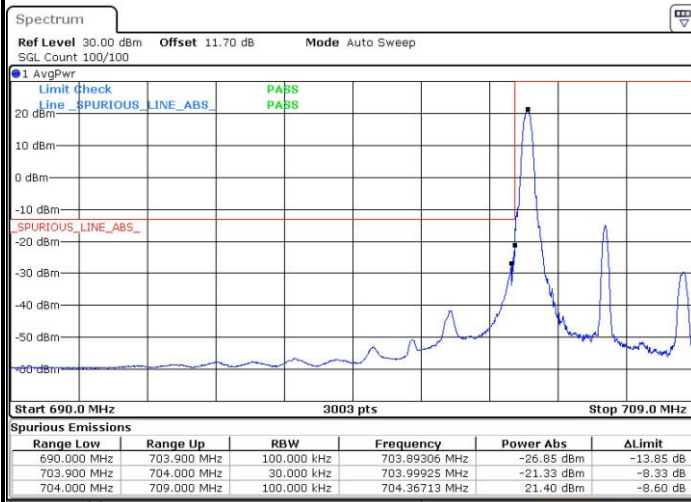


Conducted Band Edge

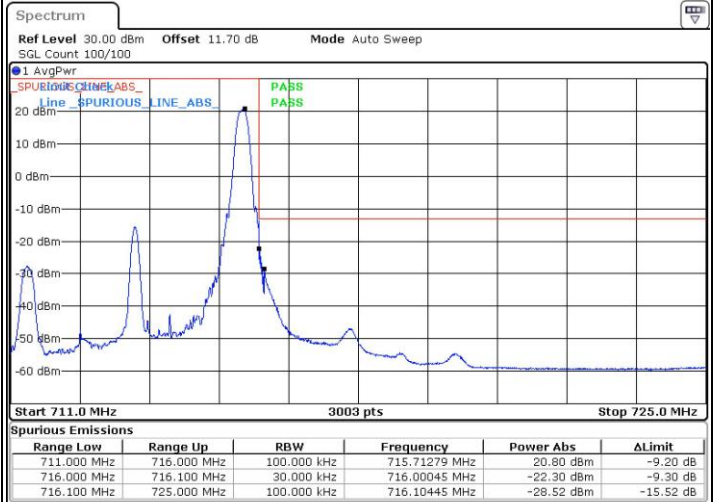


LTE Band 17 / 5MHz / QPSK

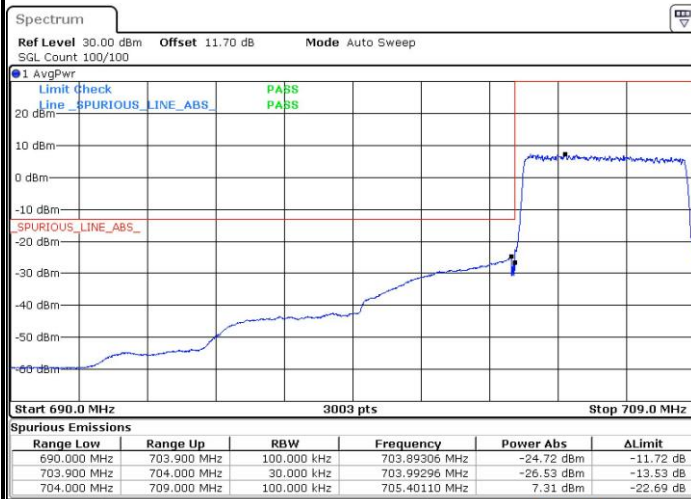
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



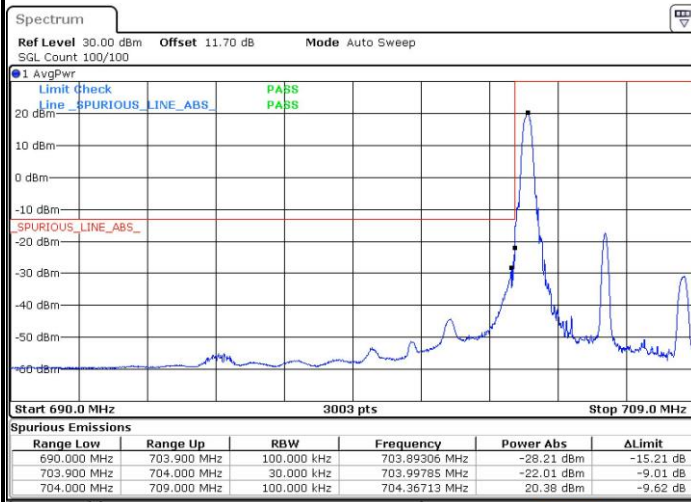
Highest Band Edge / Full RB



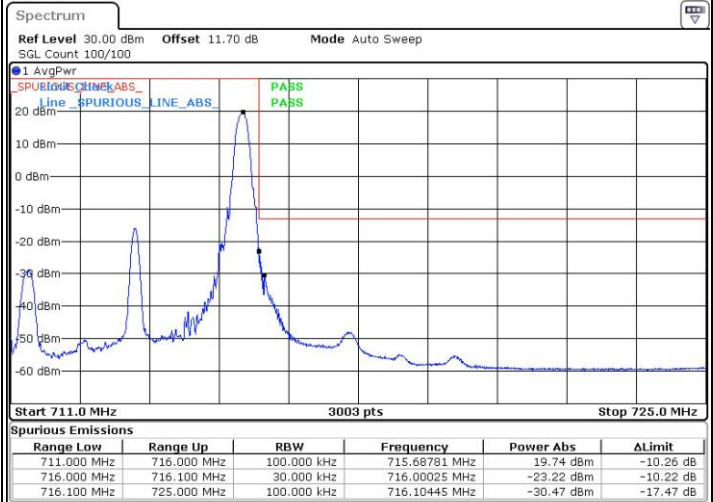


LTE Band 17 / 5MHz / 16QAM

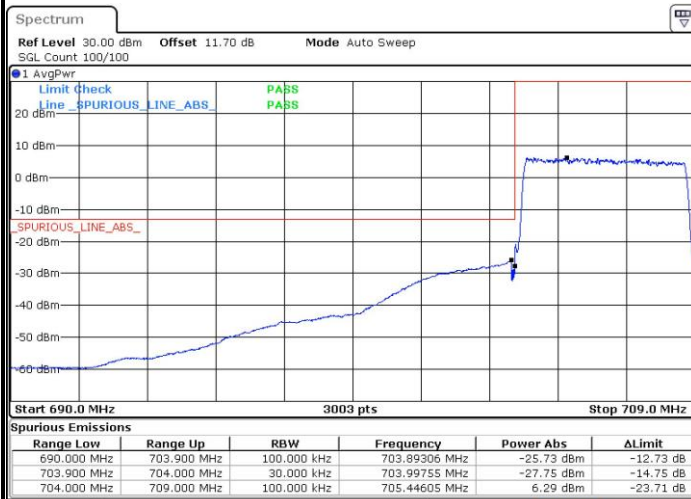
Lowest Band Edge / 1 RB



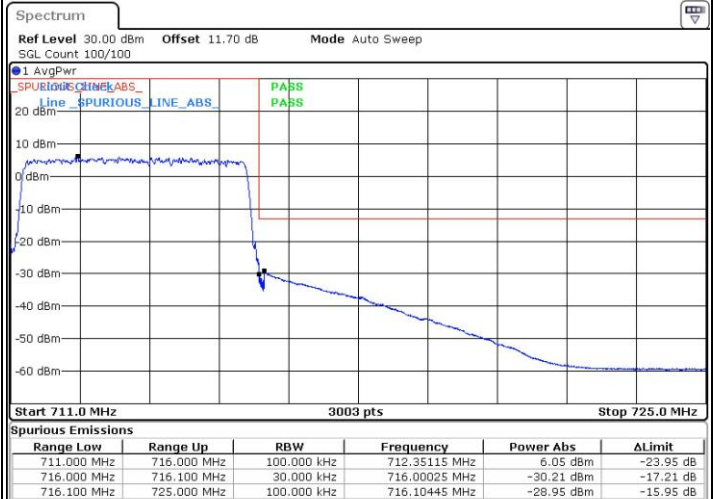
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



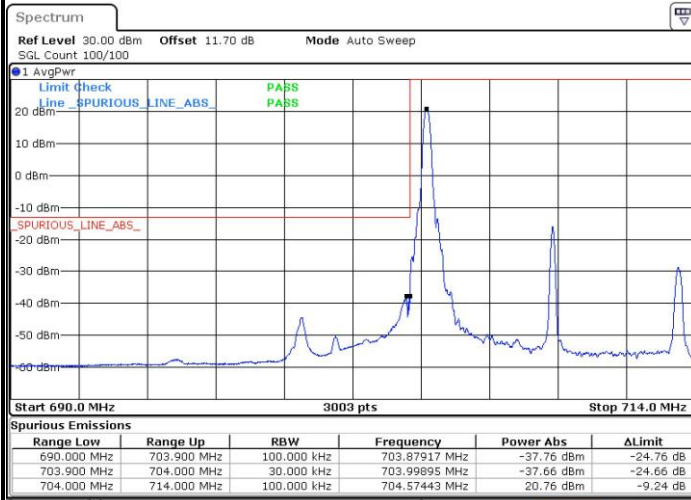
Highest Band Edge / Full RB



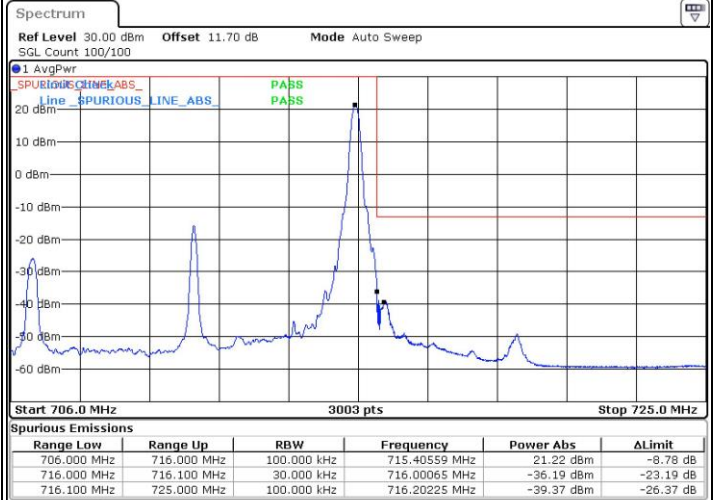


LTE Band 17 / 10MHz / QPSK

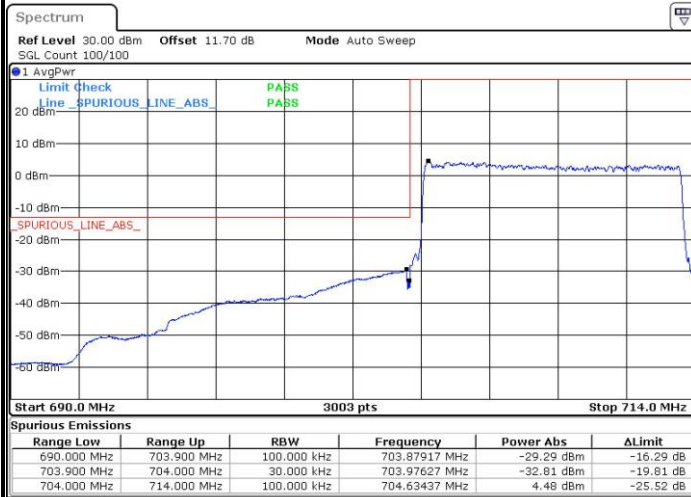
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



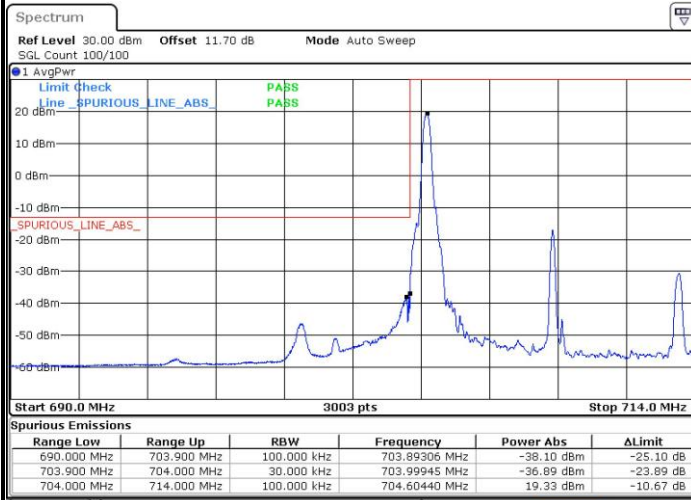
Highest Band Edge / Full RB



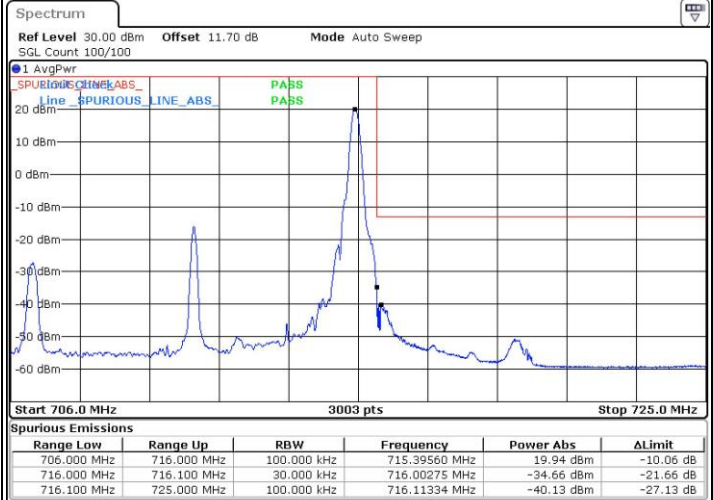


LTE Band 17 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB



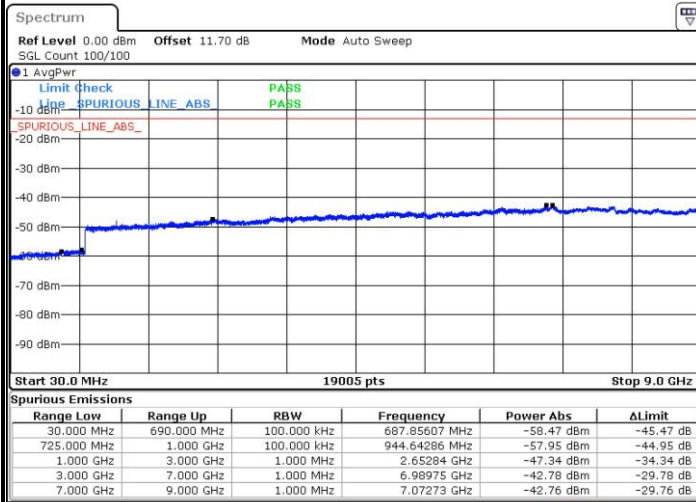


Conducted Spurious Emission



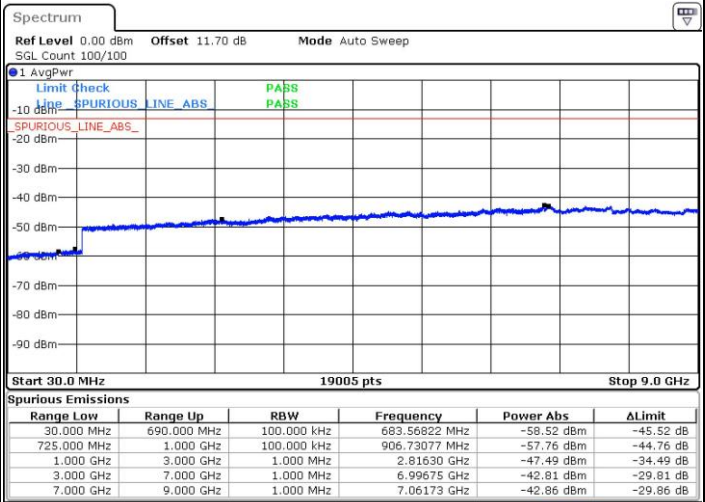
LTE Band 17 / 5MHz

Lowest Channel / QPSK



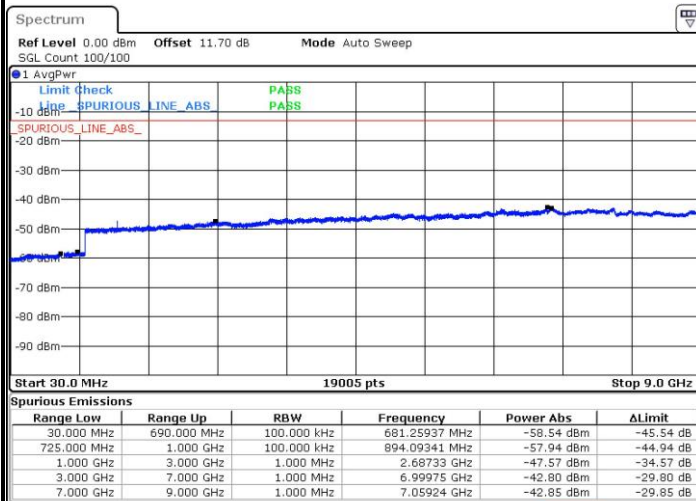
Date: 6 NOV. 2015 22:43:25

Lowest Channel / 16QAM



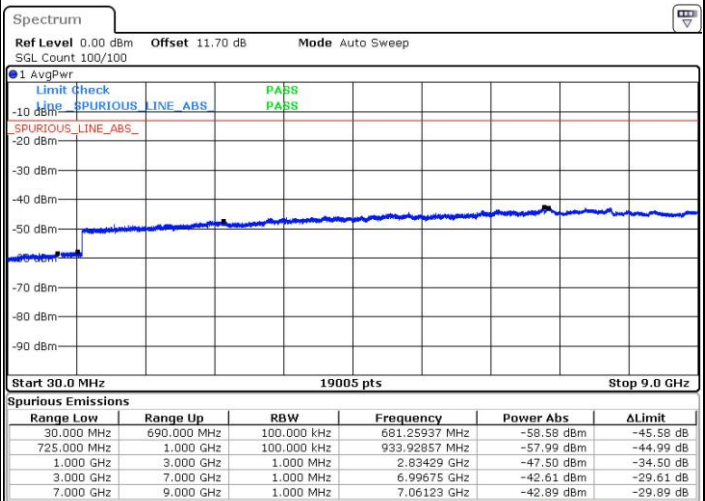
Date: 6 NOV. 2015 22:44:20

Middle Channel / QPSK



Date: 6 NOV. 2015 22:45:57

Middle Channel / 16QAM

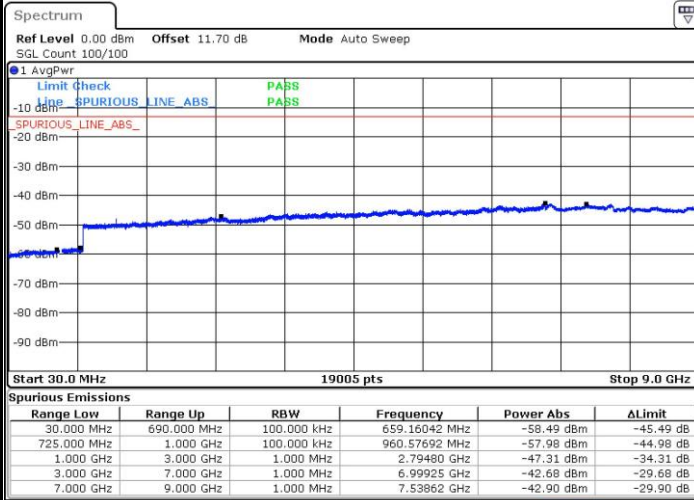


Date: 6 NOV. 2015 22:46:51



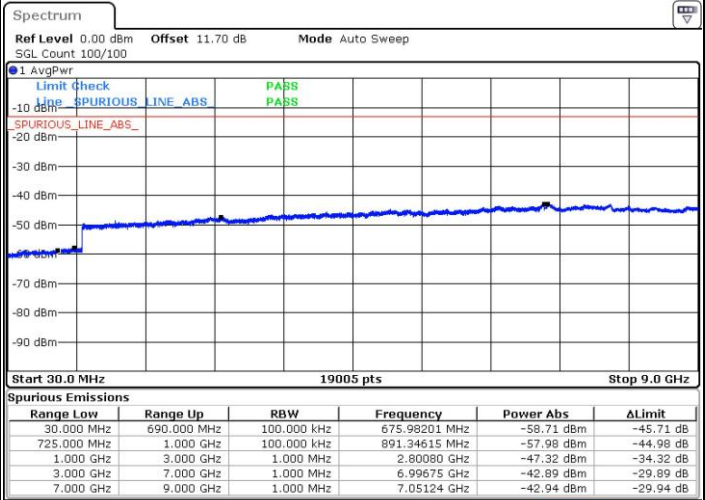
LTE Band 17 / 5MHz

Highest Channel / QPSK



Date: 6 NOV. 2015 22:58:37

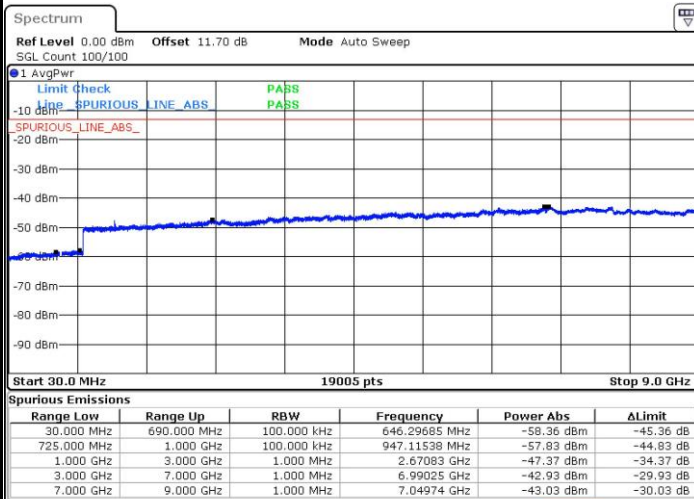
Highest Channel / 16QAM



Date: 6 NOV. 2015 22:57:31

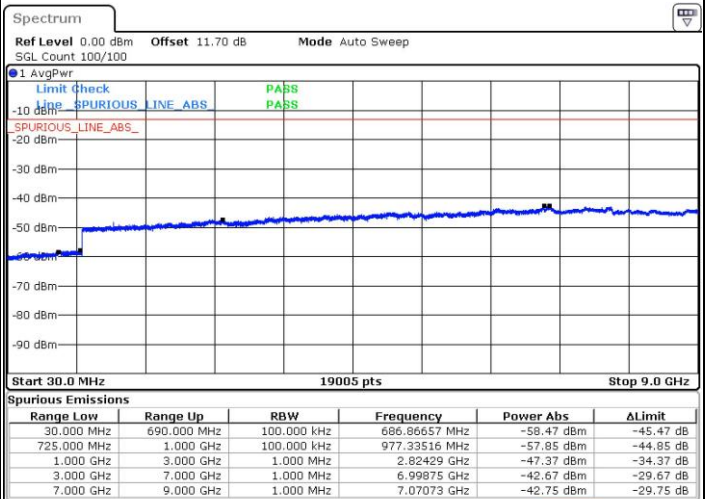
LTE Band 17 / 10MHz

Lowest Channel / QPSK



Date: 6 NOV. 2015 23:07:17

Lowest Channel / 16QAM

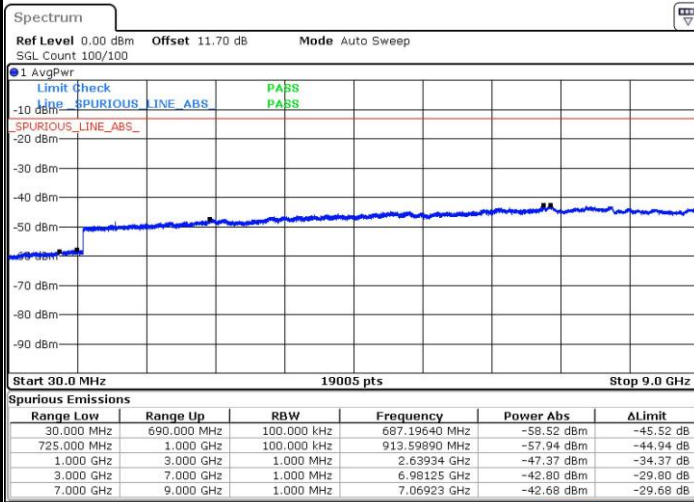


Date: 6 NOV. 2015 23:08:11



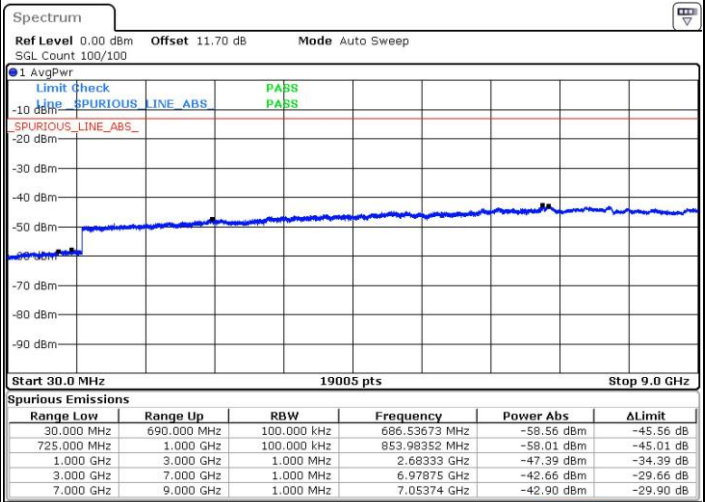
LTE Band 17 / 10MHz

Middle Channel / QPSK



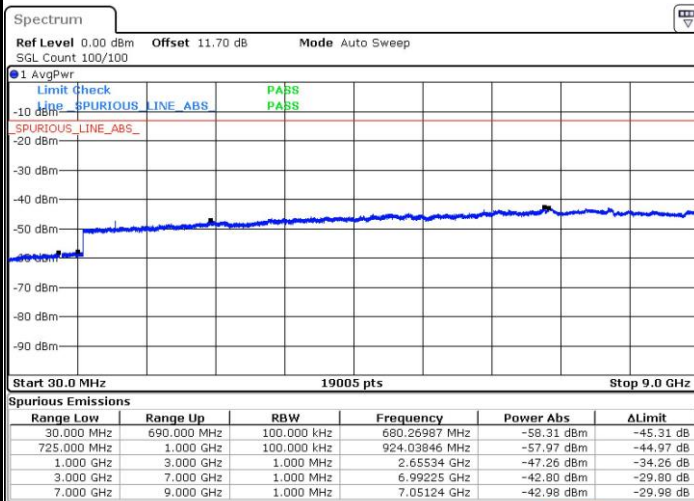
Date: 6 NOV. 2015 23:09:48

Middle Channel / 16QAM



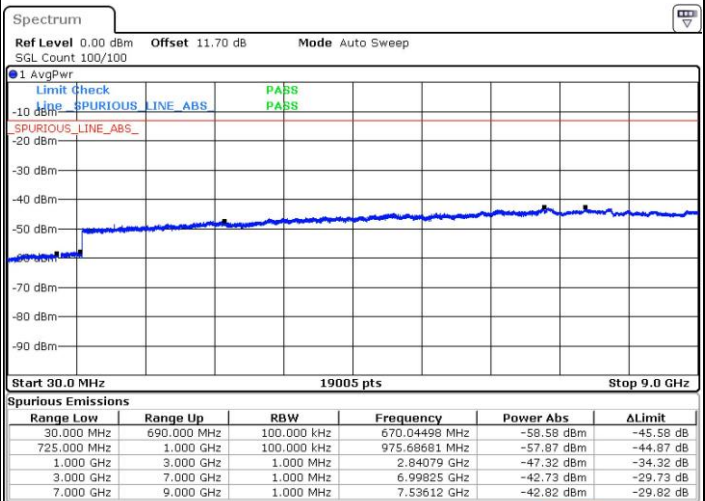
Date: 6 NOV. 2015 23:10:43

Highest Channel / QPSK



Date: 6 NOV. 2015 23:20:28

Highest Channel / 16QAM



Date: 6 NOV. 2015 23:21:23

Frequency Stability

Test Conditions		LTE Band 17 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0011	PASS
40	Normal Voltage	0.0142	
30	Normal Voltage	0.0006	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0013	
0	Normal Voltage	0.0152	
-10	Normal Voltage	0.0023	
-20	Normal Voltage	0.0139	
-30	Normal Voltage	0.0028	
20	Maximum Voltage	0.0156	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0025	

Note:

1. Normal Voltage = 12V. ; Battery End Point (BEP) = 9 V. ; Maximum Voltage =32 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.