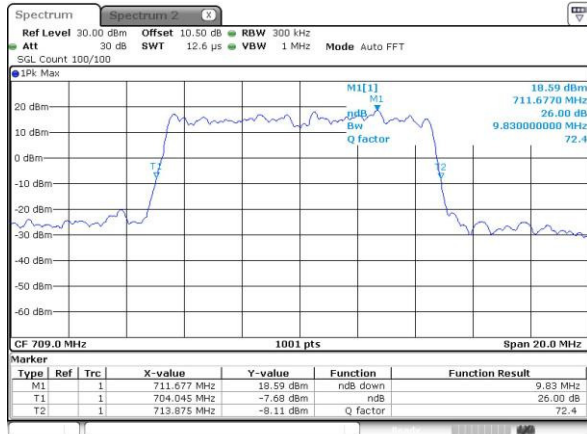


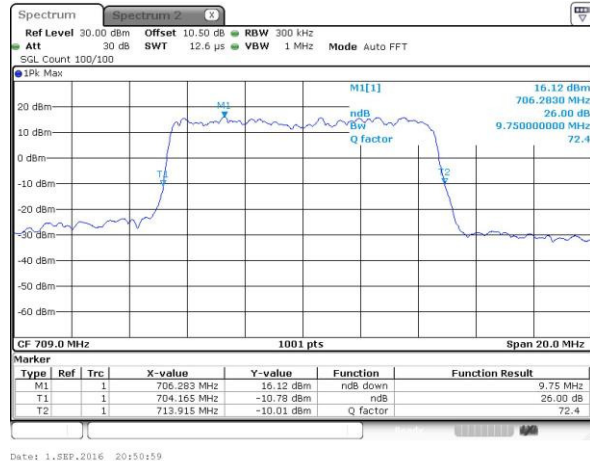


LTE Band 17

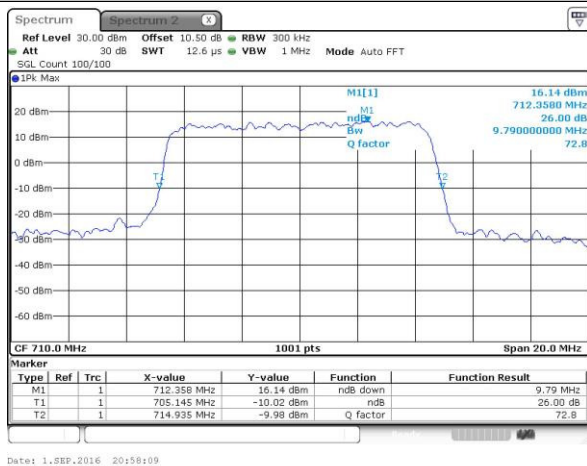
Lowest Channel / 10MHz / QPSK



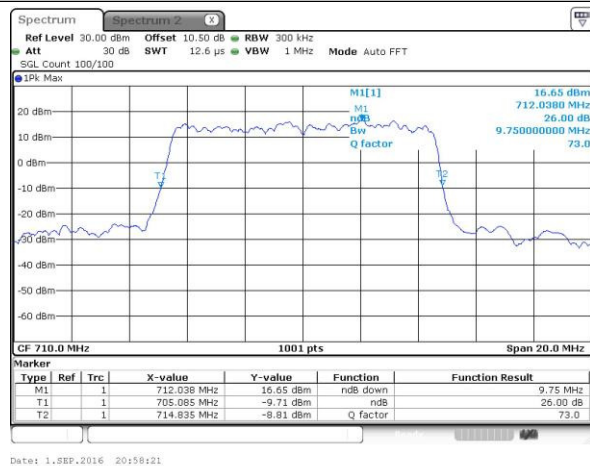
Lowest Channel / 10MHz / 16QAM



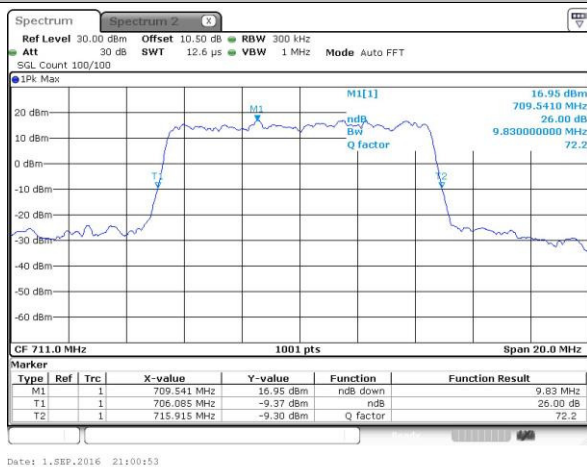
Middle Channel / 10MHz / QPSK



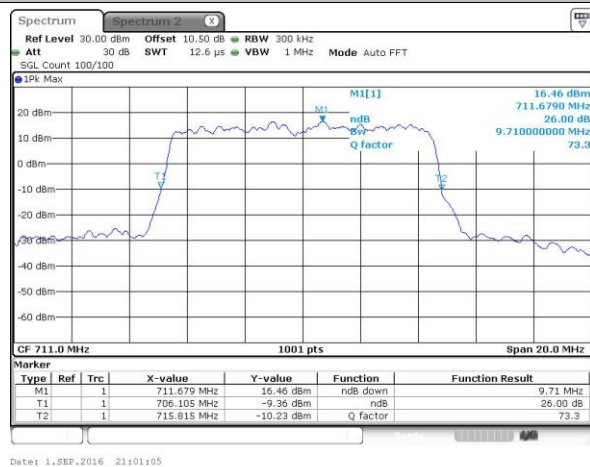
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



Highest Channel / 10MHz / 16QAM



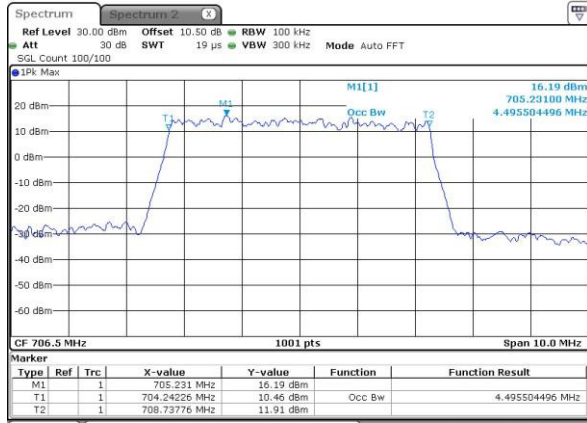
**Occupied Bandwidth**

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	-	-	-	-	4.5	4.49	9.03	9.01	-	-	-	-
Middle CH	-	-	-	-	4.5	4.48	9.03	8.97	-	-	-	-
Highest CH	-	-	-	-	4.48	4.49	9.01	9.03	-	-	-	-

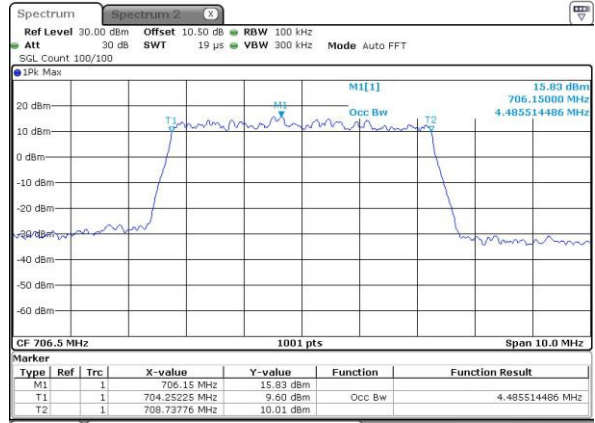


LTE Band 17

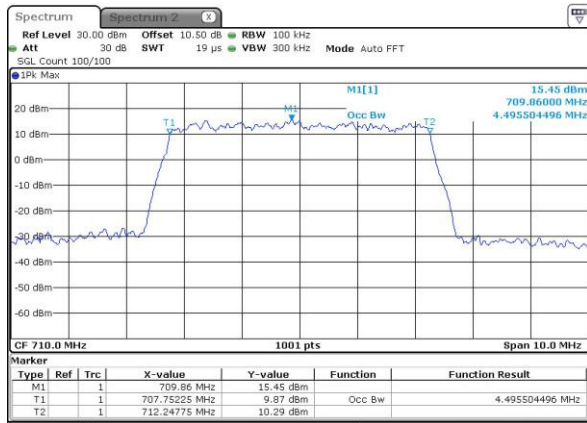
Lowest Channel / 5MHz / QPSK



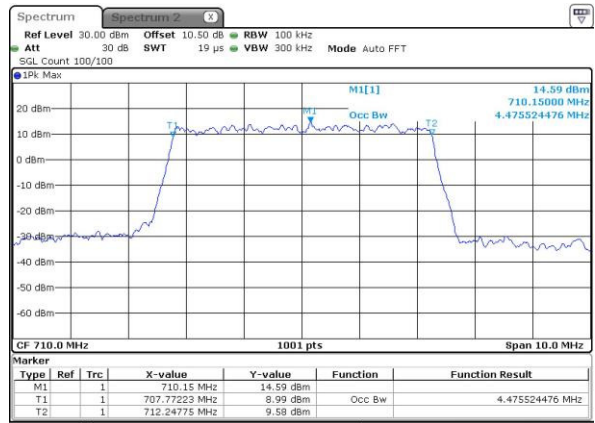
Lowest Channel / 5MHz / 16QAM



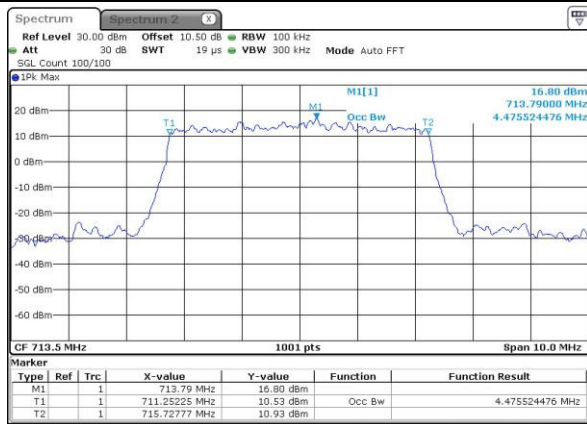
Middle Channel / 5MHz / QPSK



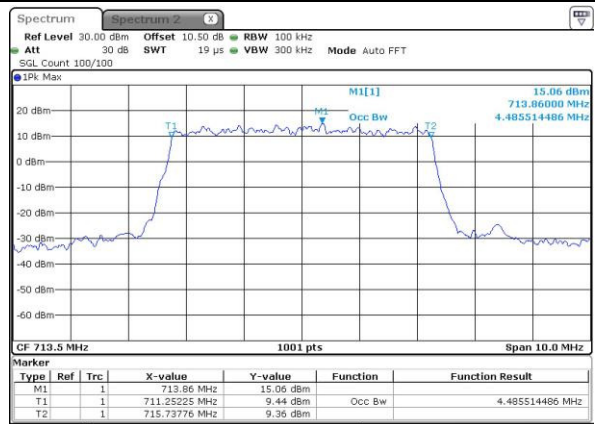
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



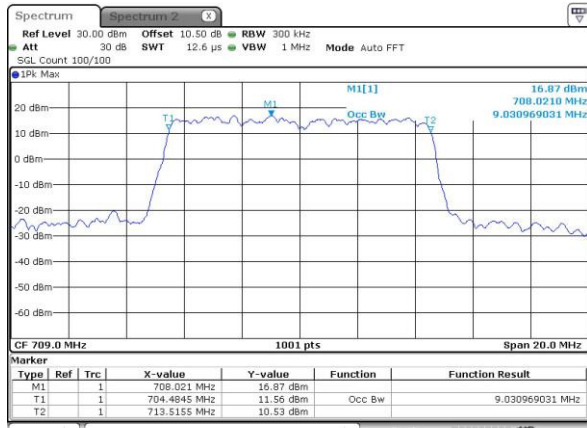
Highest Channel / 5MHz / 16QAM



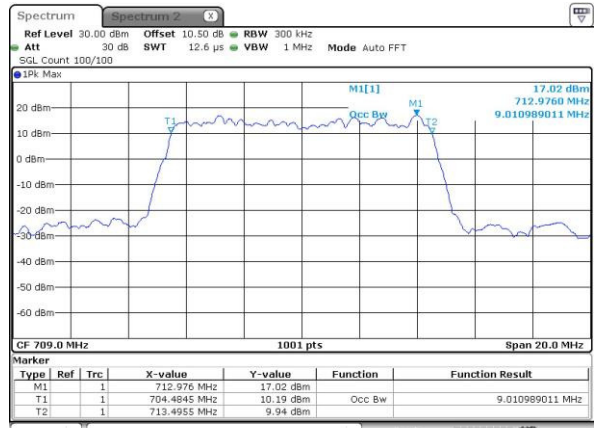


LTE Band 17

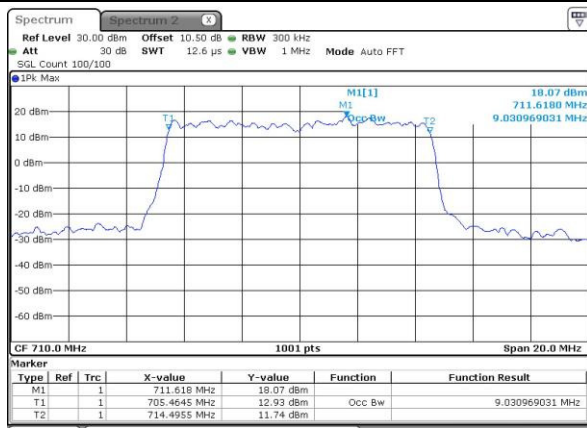
Lowest Channel / 10MHz / QPSK



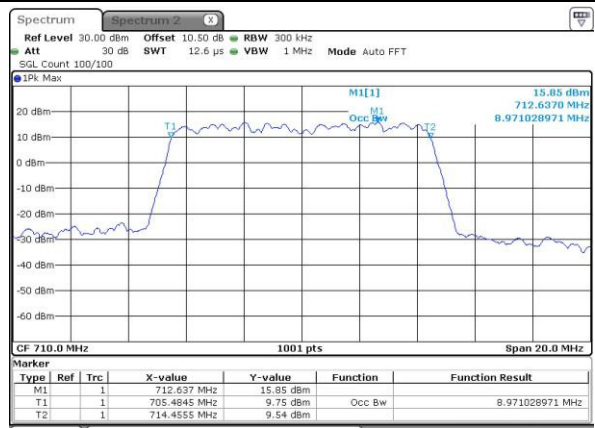
Lowest Channel / 10MHz / 16QAM



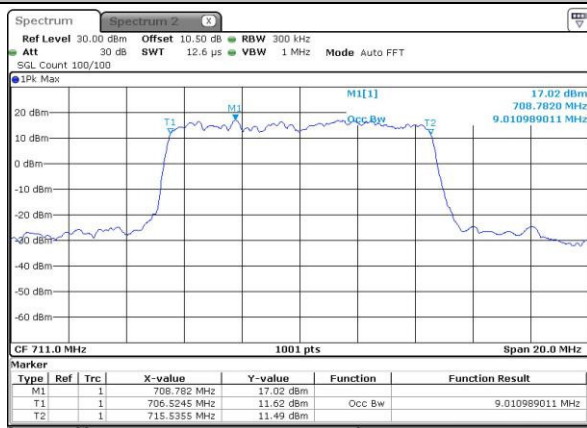
Middle Channel / 10MHz / QPSK



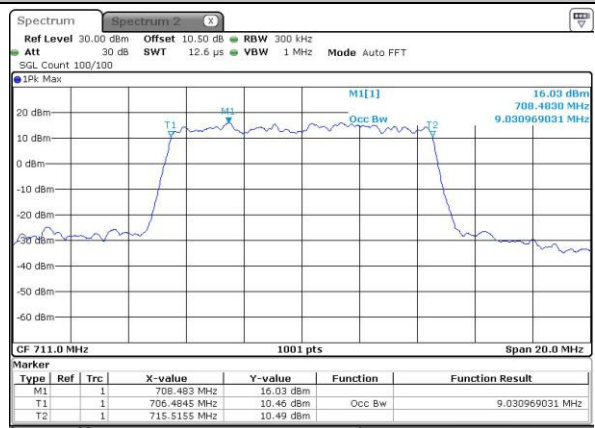
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



Highest Channel / 10MHz / 16QAM



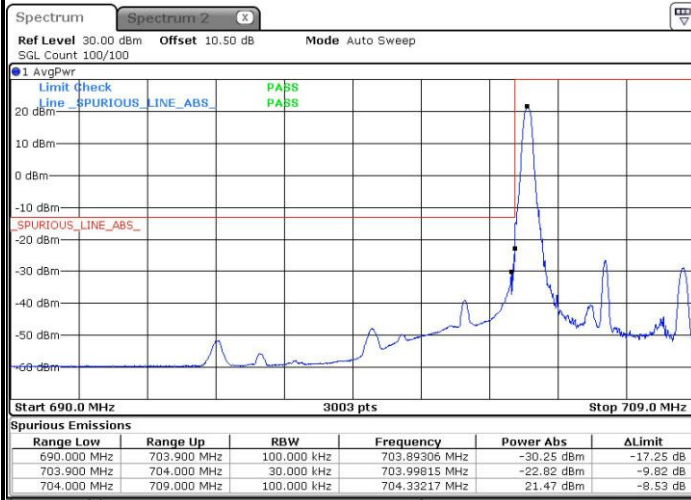


Conducted Band Edge

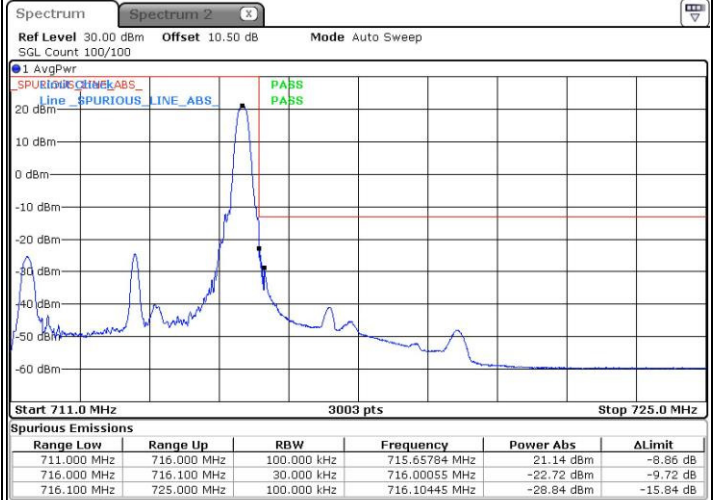


LTE Band 17 / 5MHz / QPSK

Lowest Band Edge / 1 RB



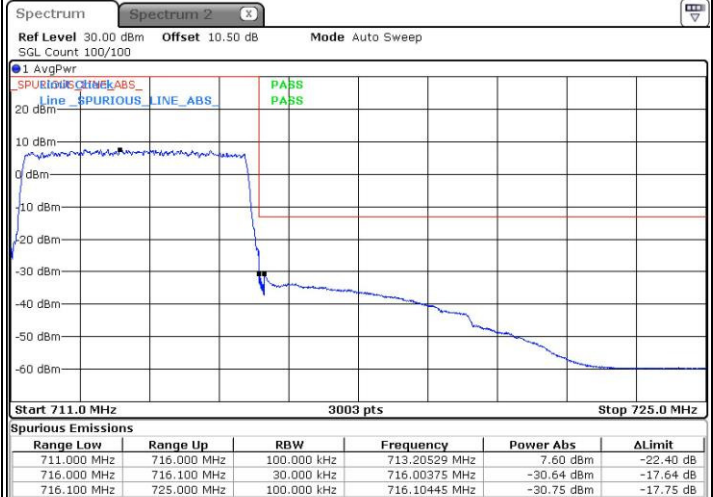
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



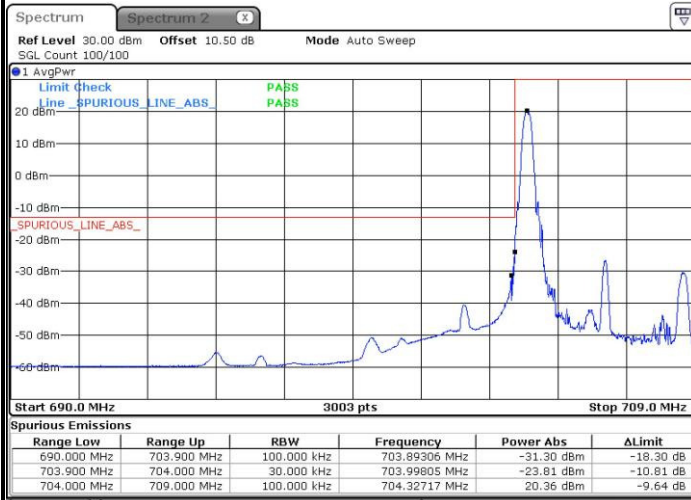
Highest Band Edge / Full RB



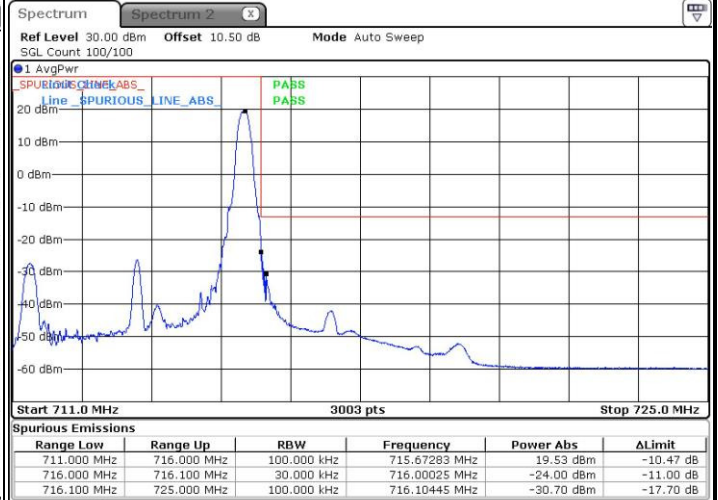


LTE Band 17 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



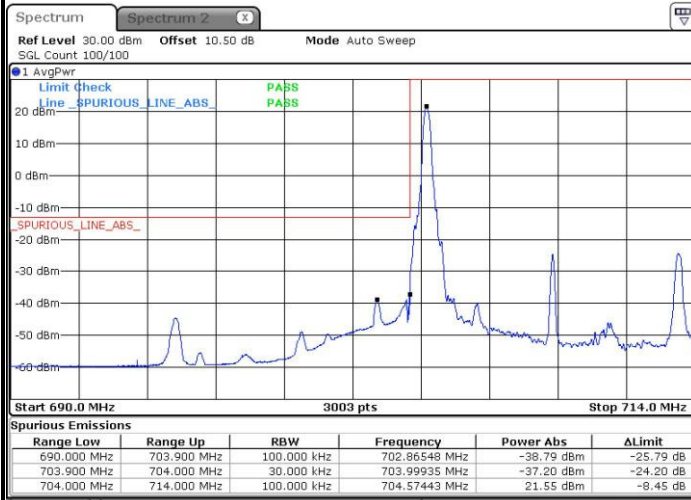
Highest Band Edge / Full RB



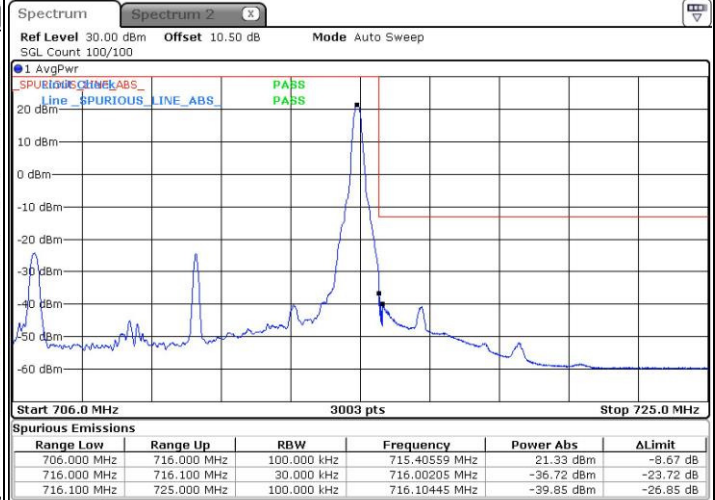


LTE Band 17 / 10MHz / QPSK

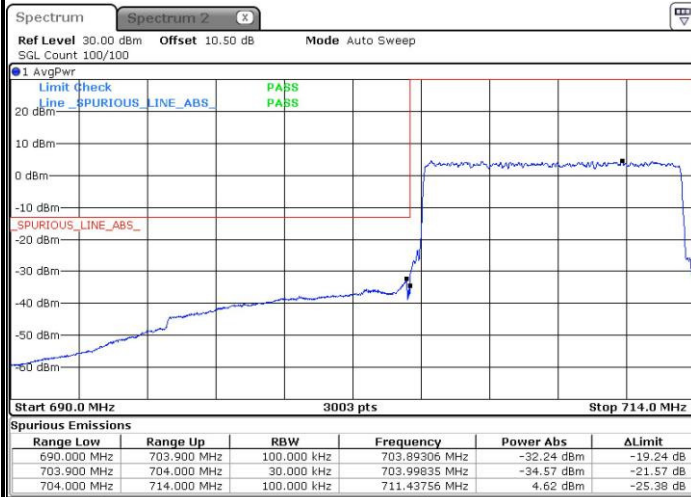
Lowest Band Edge / 1 RB



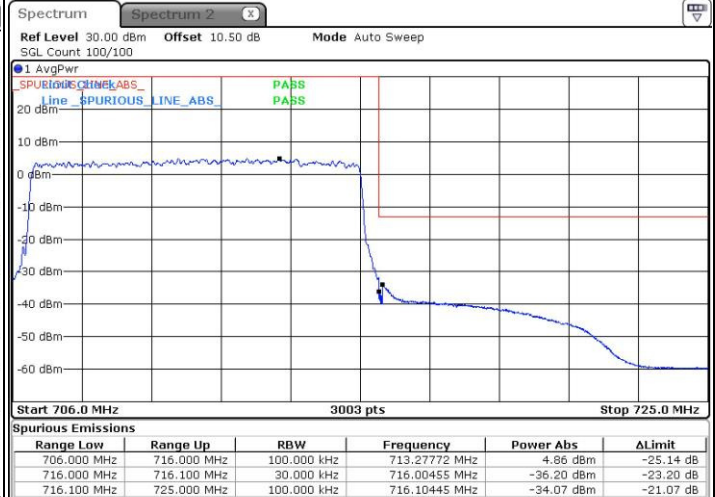
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



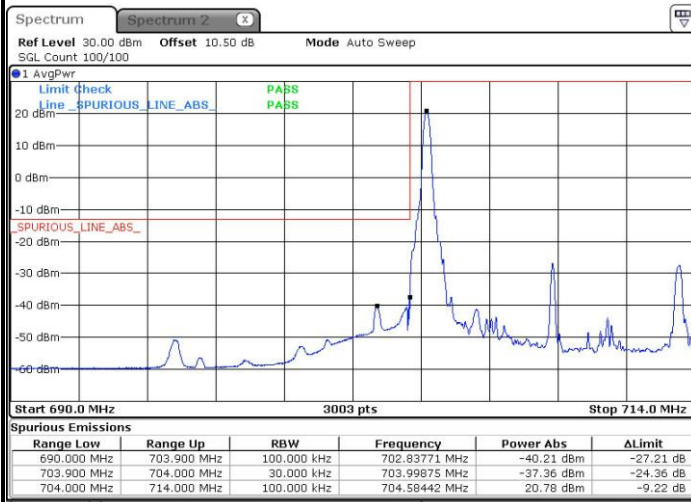
Highest Band Edge / Full RB



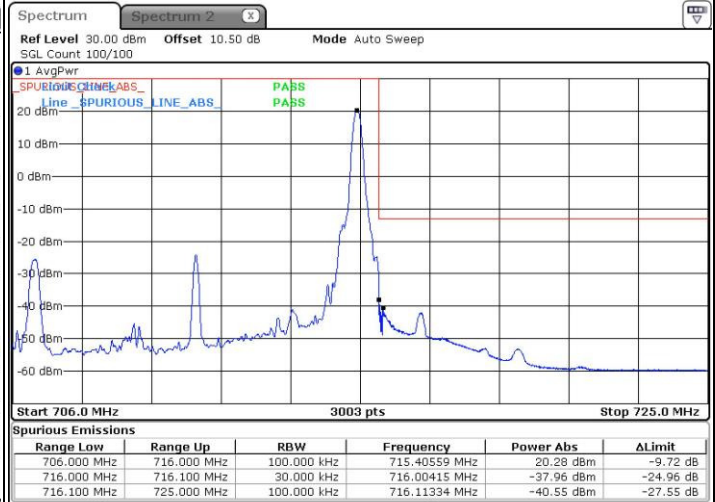


LTE Band 17 / 10MHz / 16QAM

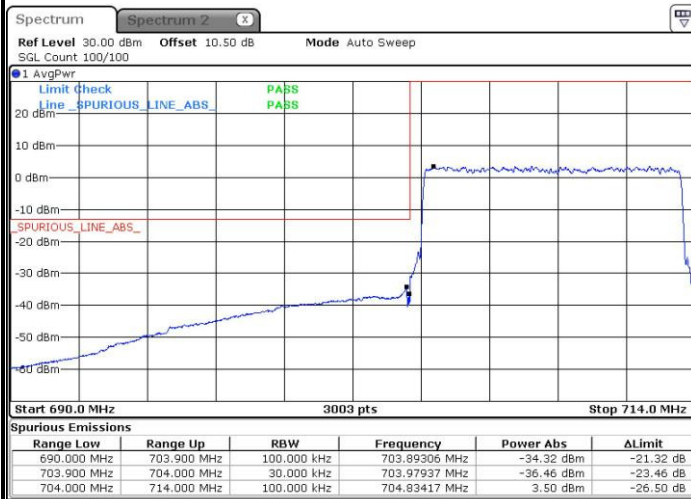
Lowest Band Edge / 1 RB



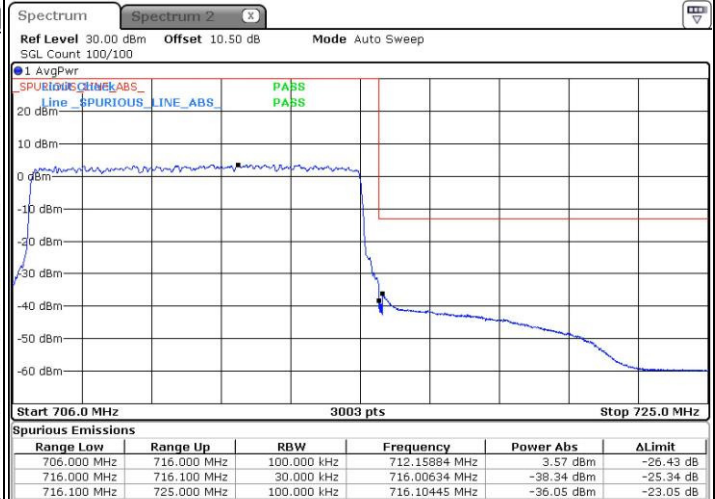
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB



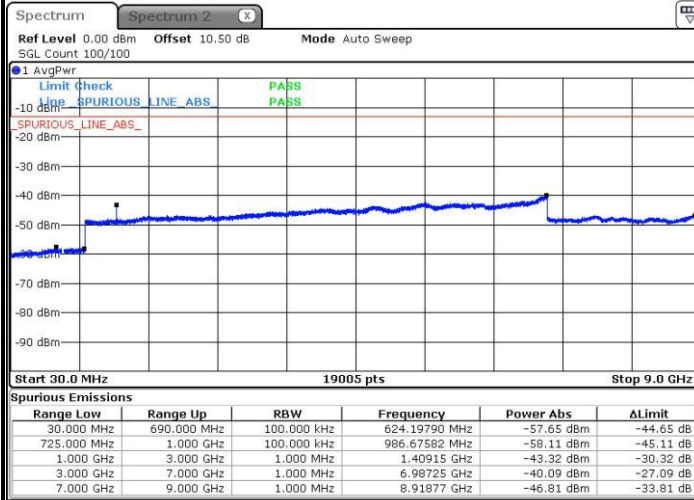


Conducted Spurious Emission



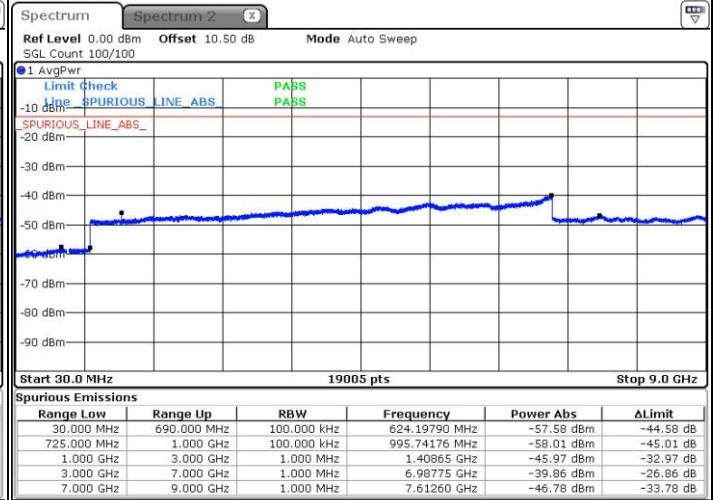
LTE Band 17 / 5MHz

Lowest Channel / QPSK



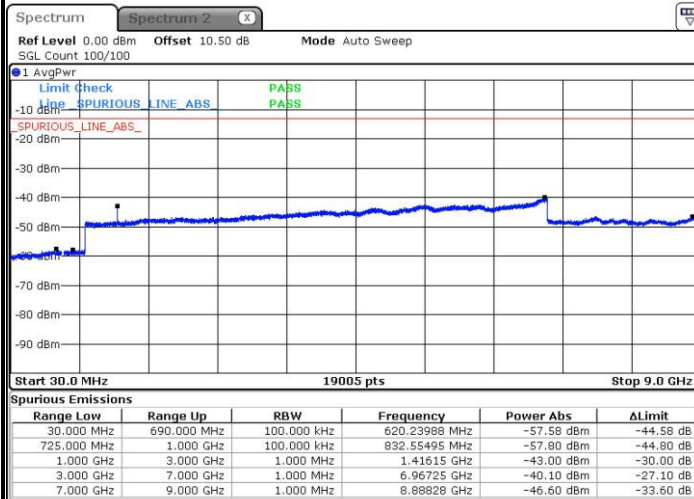
Date: 1.SEP.2016 20:39:06

Lowest Channel / 16QAM



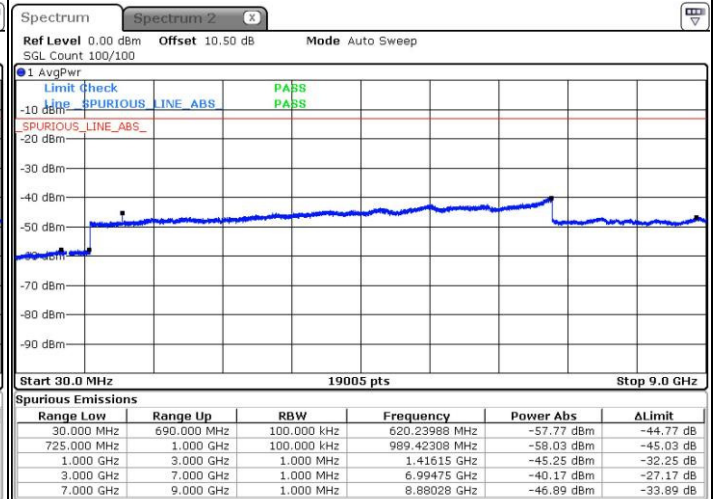
Date: 1.SEP.2016 20:40:04

Middle Channel / QPSK



Date: 1.SEP.2016 20:41:50

Middle Channel / 16QAM

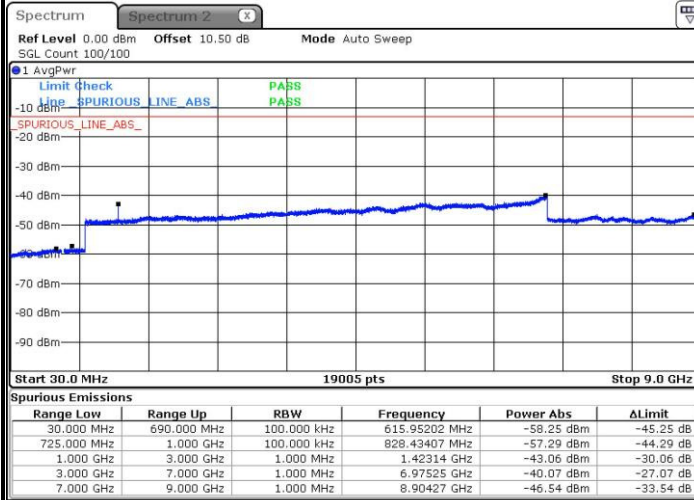


Date: 1.SEP.2016 20:42:48



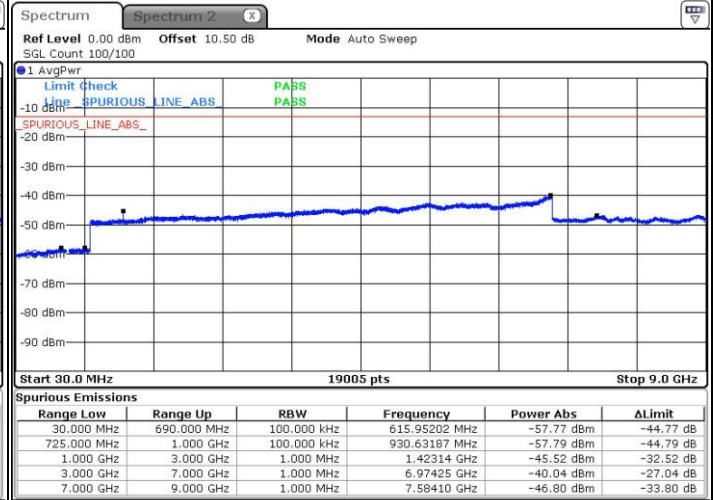
LTE Band 17 / 5MHz

Highest Channel / QPSK



Date: 1.SEP.2016 20:49:12

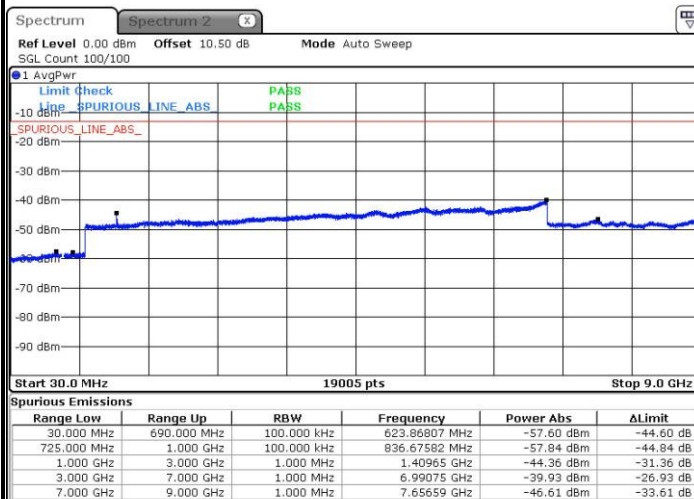
Highest Channel / 16QAM



Date: 1.SEP.2016 20:50:10

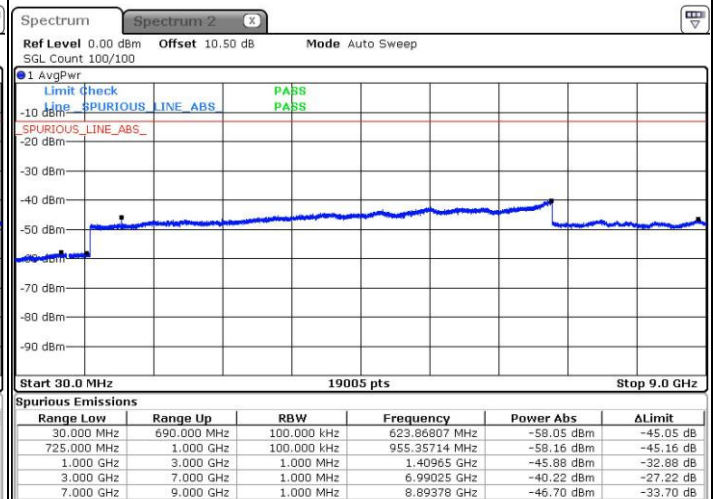
LTE Band 17 / 10MHz

Lowest Channel / QPSK



Date: 1.SEP.2016 20:56:35

Lowest Channel / 16QAM

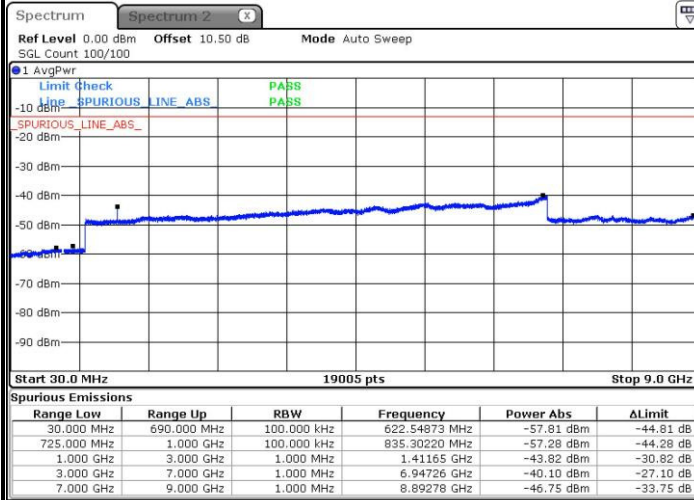


Date: 1.SEP.2016 20:57:33



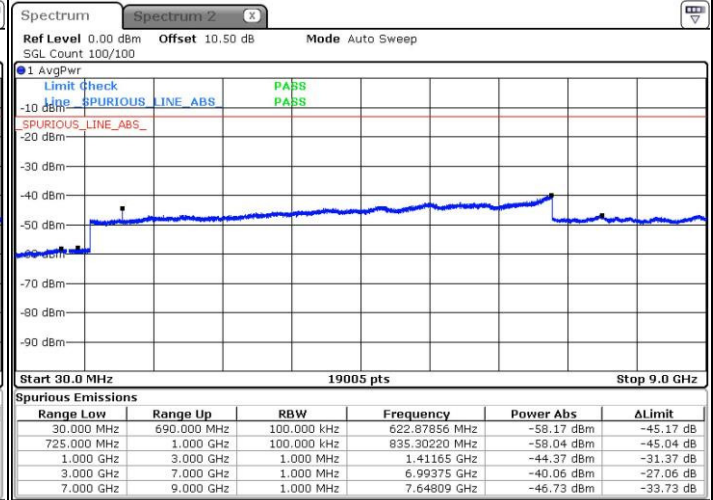
LTE Band 17 / 10MHz

Middle Channel / QPSK



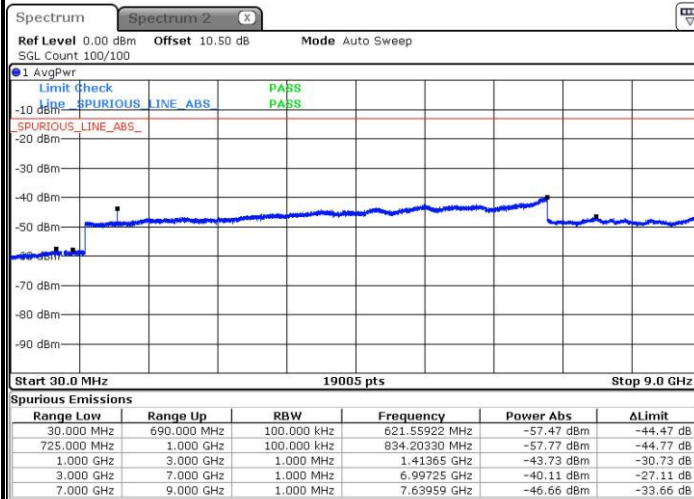
Date: 1.SEP.2016 20:59:18

Middle Channel / 16QAM



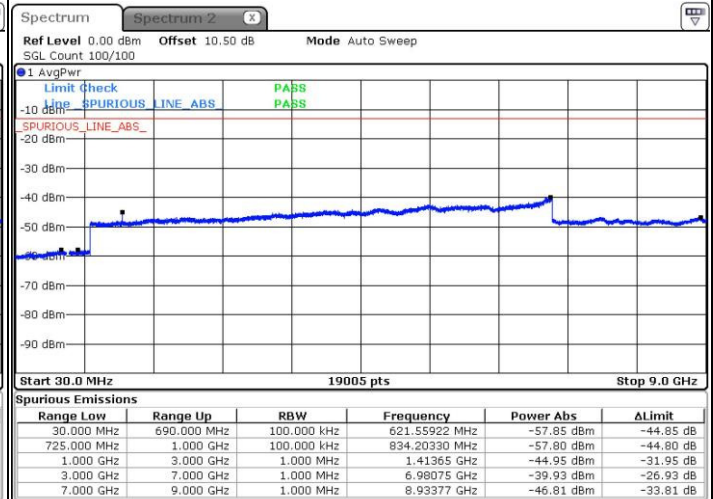
Date: 1.SEP.2016 21:00:17

Highest Channel / QPSK



Date: 1.SEP.2016 21:06:40

Highest Channel / 16QAM



Date: 1.SEP.2016 21:07:39

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	0.0082	PASS
40	Normal Voltage	0.0021	
30	Normal Voltage	0.0028	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0083	
0	Normal Voltage	0.0023	
-10	Normal Voltage	0.0092	
-20	Normal Voltage	0.0014	
-30	Normal Voltage	0.0031	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0104	

Note:

1. Normal Voltage =3.9 V. ; Battery End Point (BEP) =3.7 V. ; Maximum Voltage =4.2 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 25

Peak-to-Average Ratio

Mode	LTE Band 25 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	-	-	-	-	PASS
Middle CH	-	-	-	-	
Highest CH	4.78	4.58	5.54	5.62	

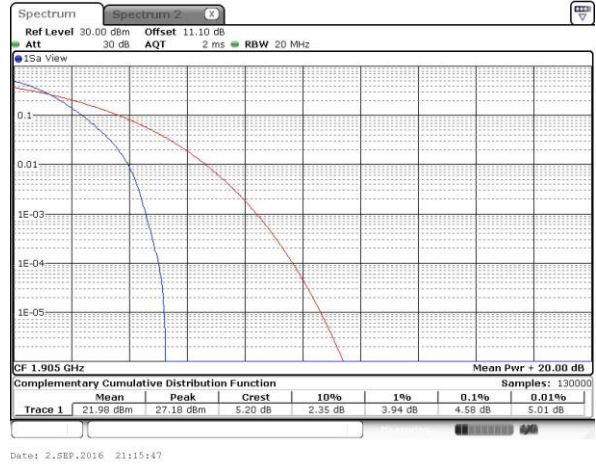


LTE Band 25 / 20MHz / QPSK

Highest Channel / 1RB

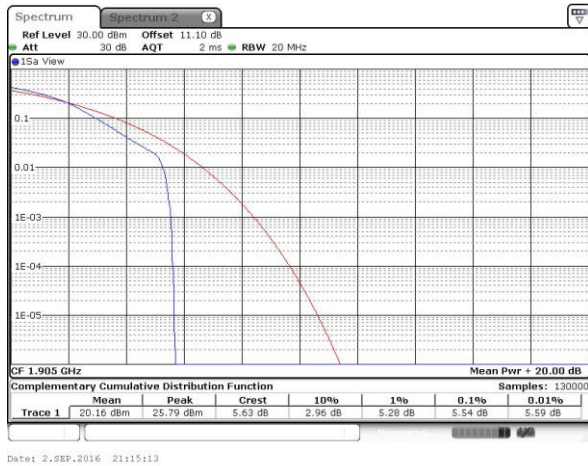


Highest Channel / Full RB

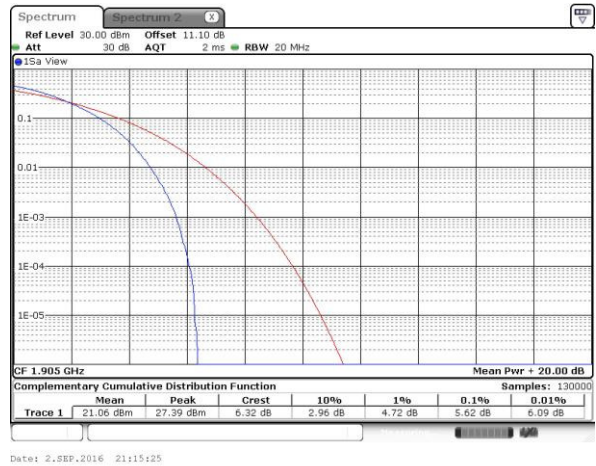


LTE Band 25 / 20MHz / 16QAM

Highest Channel / 1RB



Highest Channel / Full RB



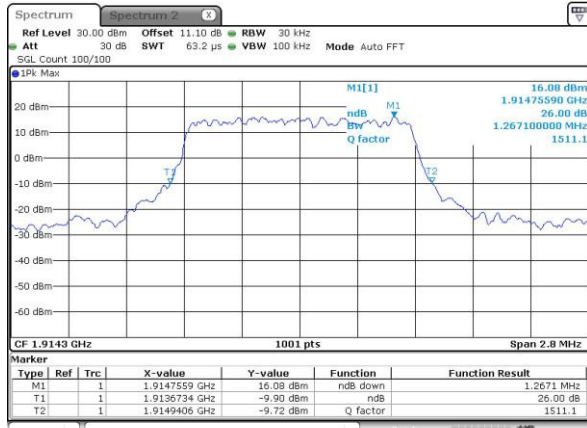
**26dB Bandwidth**

Mode	LTE Band 25 : 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	-	-	-	-	-	-	-	-	-	-	-	-
Middle CH	-	-	-	-	-	-	-	-	-	-	-	-
Highest CH	1.267	1.298	3.045	3.003	4.955	4.835	9.67	9.75	14.266	14.505	20.14	19.98

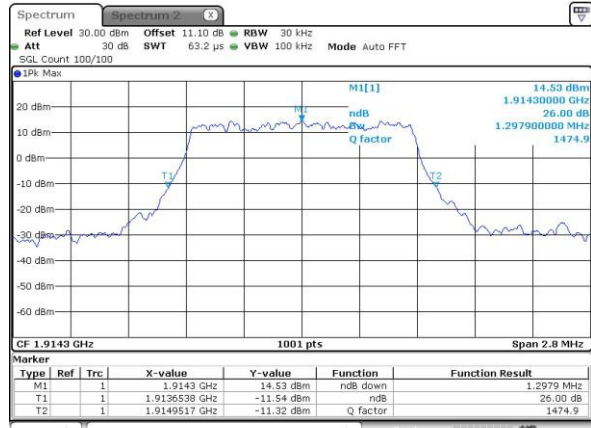


LTE Band 25

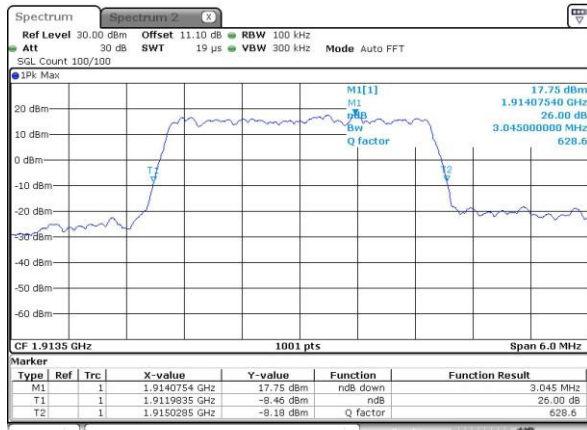
Highest Channel / 1.4MHz / QPSK



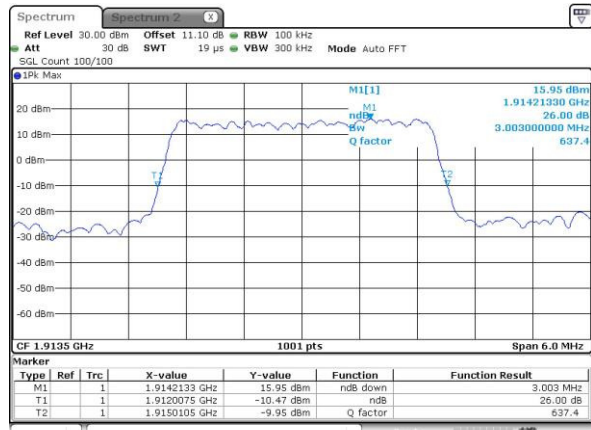
Highest Channel / 1.4MHz / 16QAM



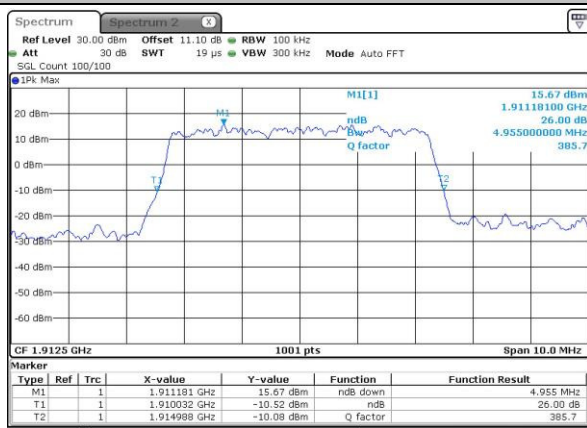
Highest Channel / 3MHz / QPSK



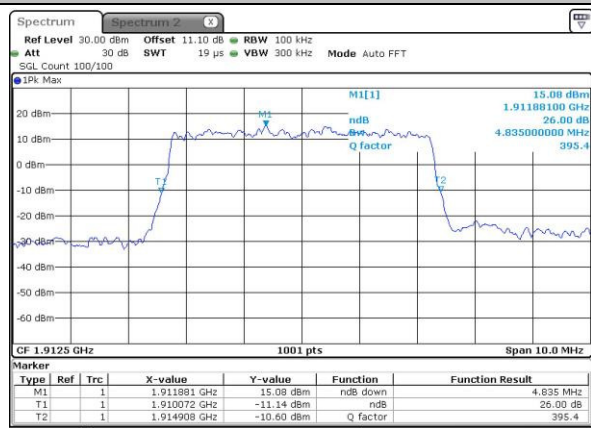
Highest Channel / 3MHz / 16QAM



Highest Channel / 5MHz / QPSK



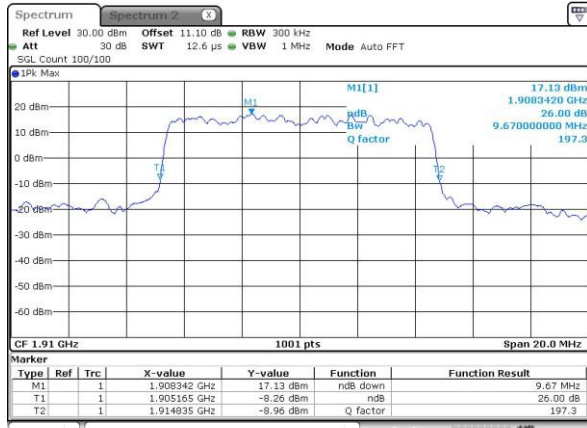
Highest Channel / 5MHz / 16QAM



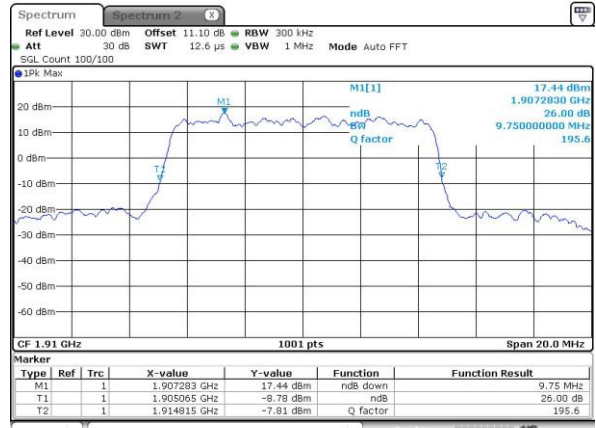


LTE Band 25

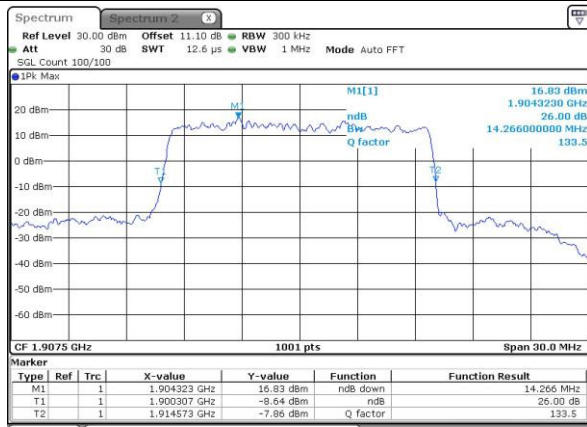
Highest Channel / 10MHz / QPSK



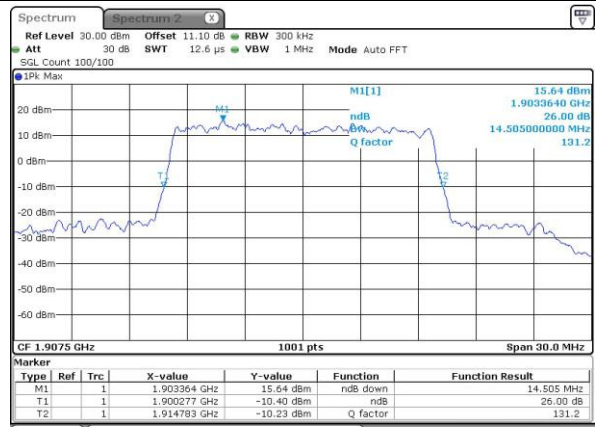
Highest Channel / 10MHz / 16QAM



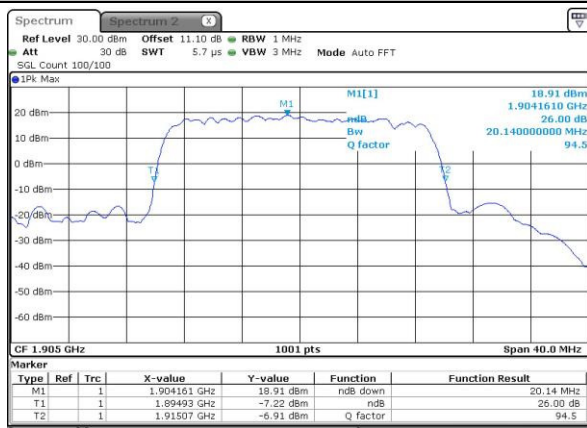
Highest Channel / 15MHz / QPSK



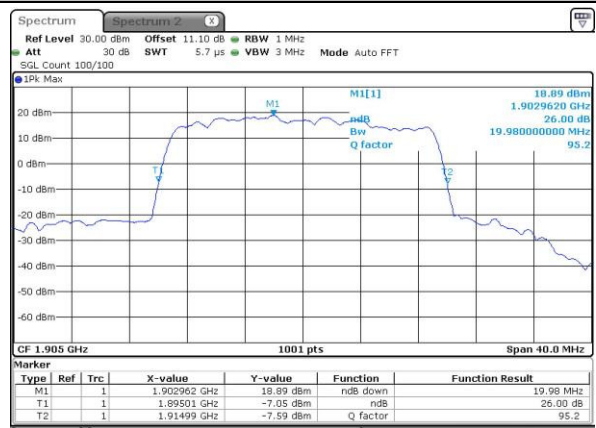
Highest Channel / 15MHz / 16QAM



Highest Channel / 20MHz / QPSK



Highest Channel / 20MHz / 16QAM



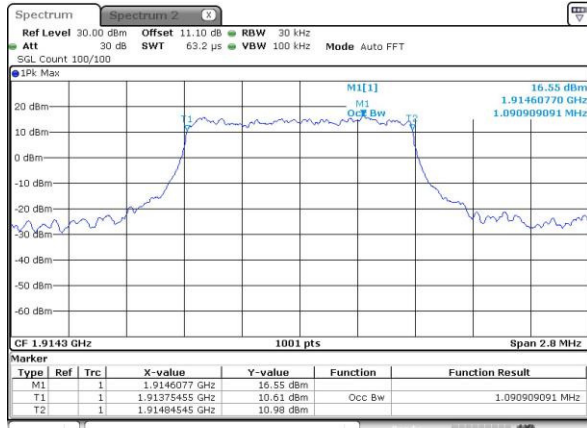
**Occupied Bandwidth**

Mode	LTE Band 25 : 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	-	-	-	-	-	-	-	-	-	-	-	-
Middle CH	-	-	-	-	-	-	-	-	-	-	-	-
Highest CH	1.09	1.09	2.74	2.73	4.5	4.5	9.07	9.07	13.4	13.43	18.18	18.22

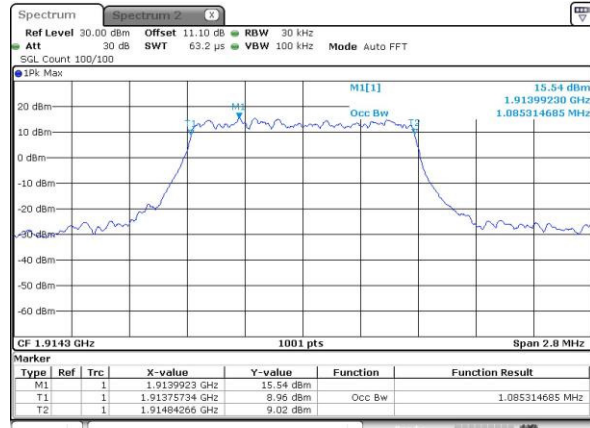


LTE Band 25

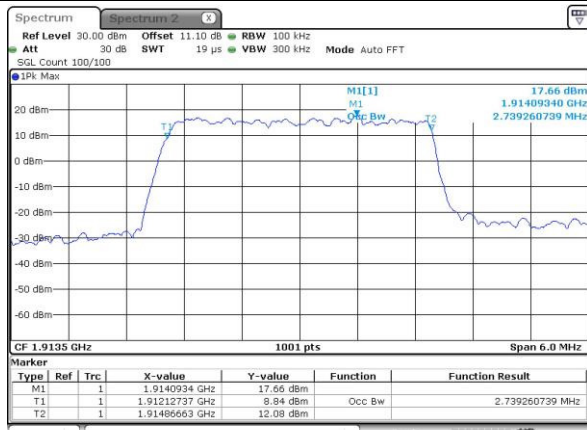
Highest Channel / 1.4MHz / QPSK



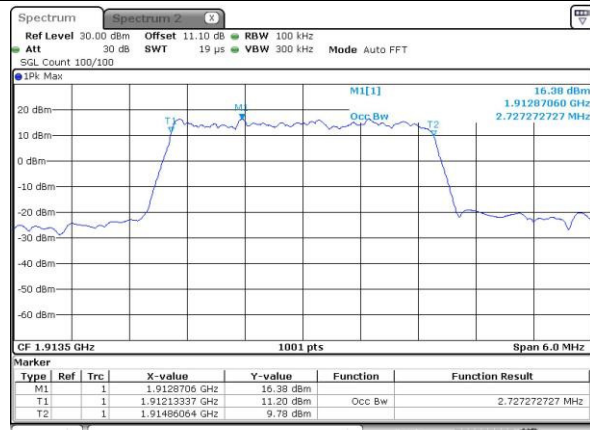
Highest Channel / 1.4MHz / 16QAM



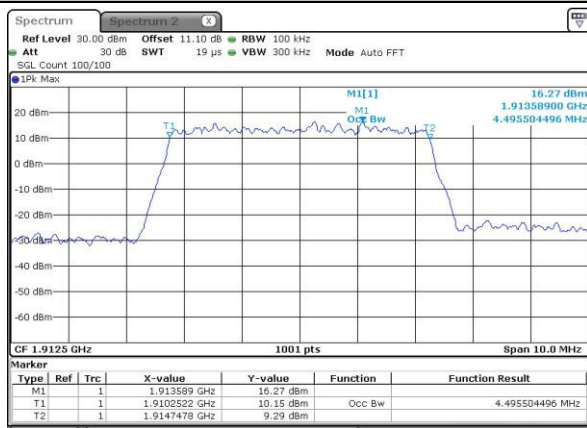
Highest Channel / 3MHz / QPSK



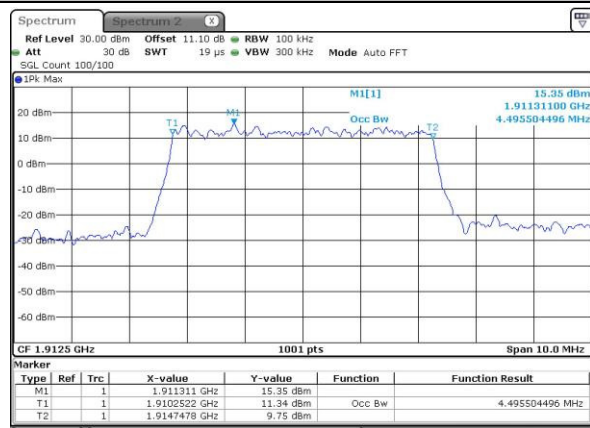
Highest Channel / 3MHz / 16QAM



Highest Channel / 5MHz / QPSK



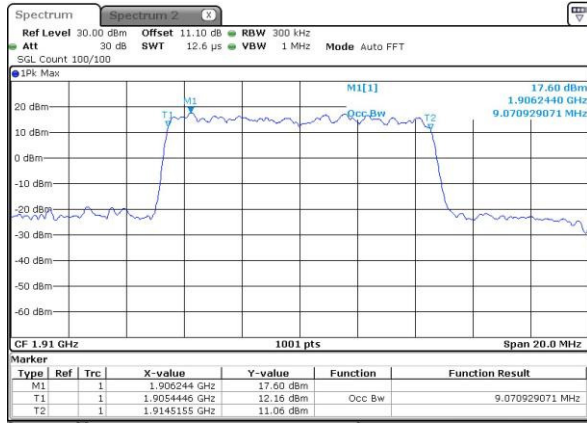
Highest Channel / 5MHz / 16QAM



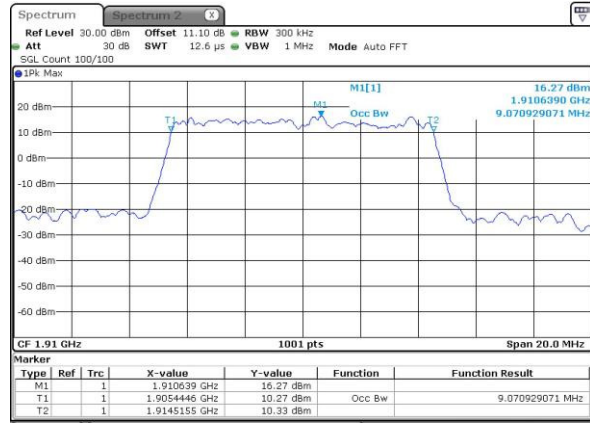


LTE Band 25

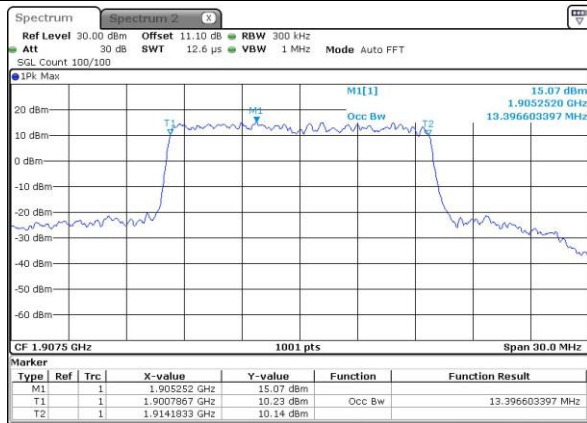
Highest Channel / 10MHz / QPSK



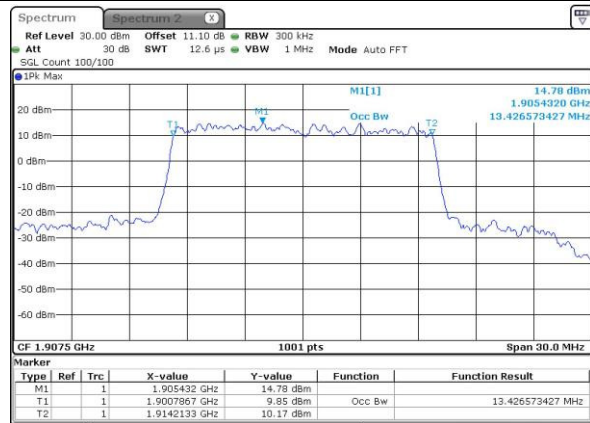
Highest Channel / 10MHz / 16QAM



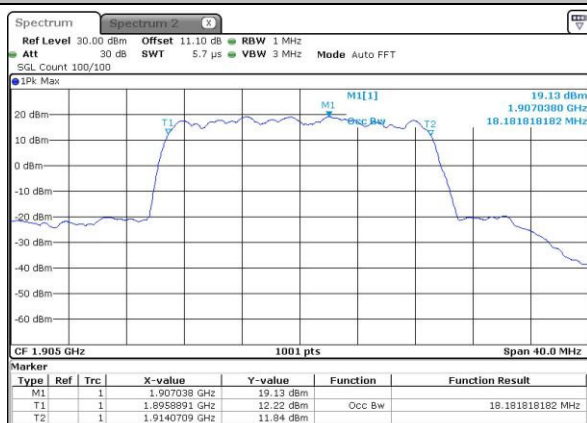
Highest Channel / 15MHz / QPSK



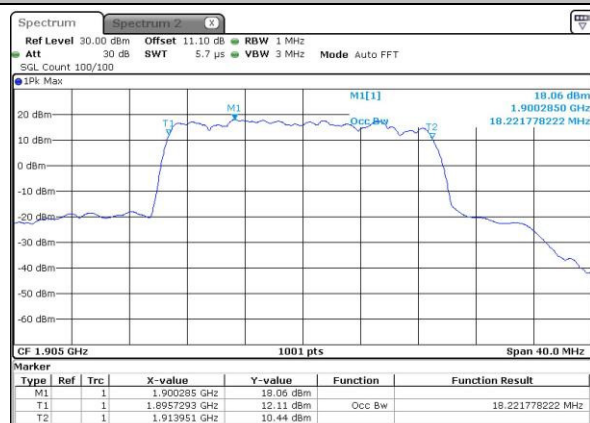
Highest Channel / 15MHz / 16QAM



Highest Channel / 20MHz / QPSK



Highest Channel / 20MHz / 16QAM



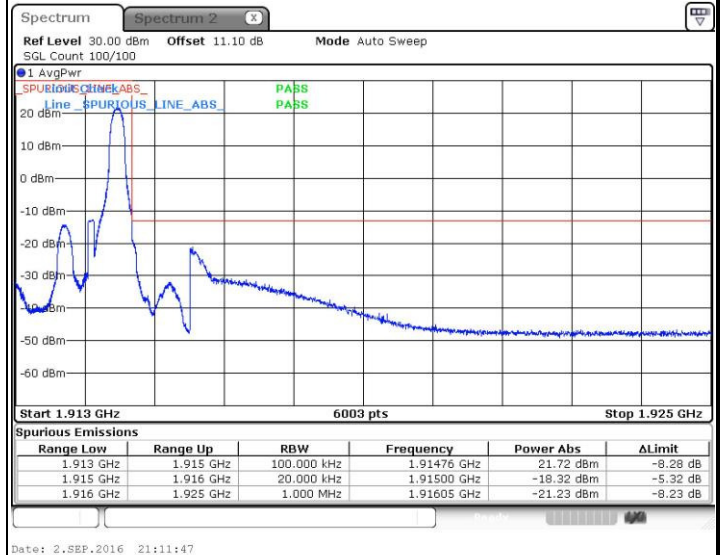


Conducted Band Edge

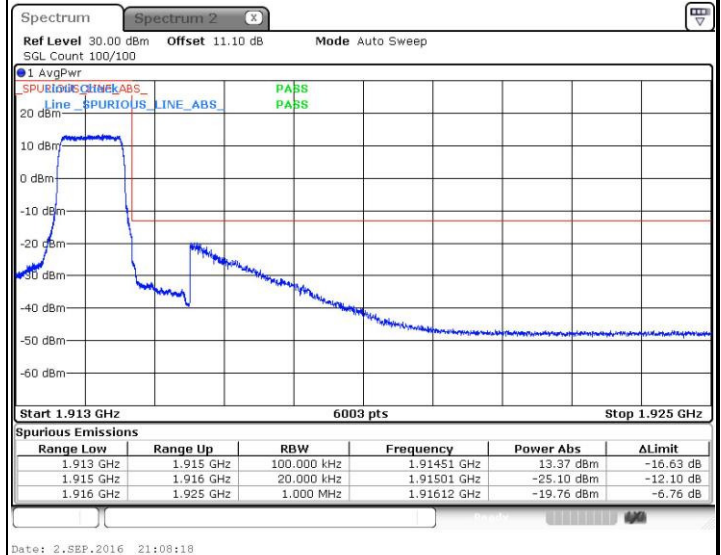


LTE Band 25 / 1.4MHz / QPSK

Highest Band Edge / 1RB



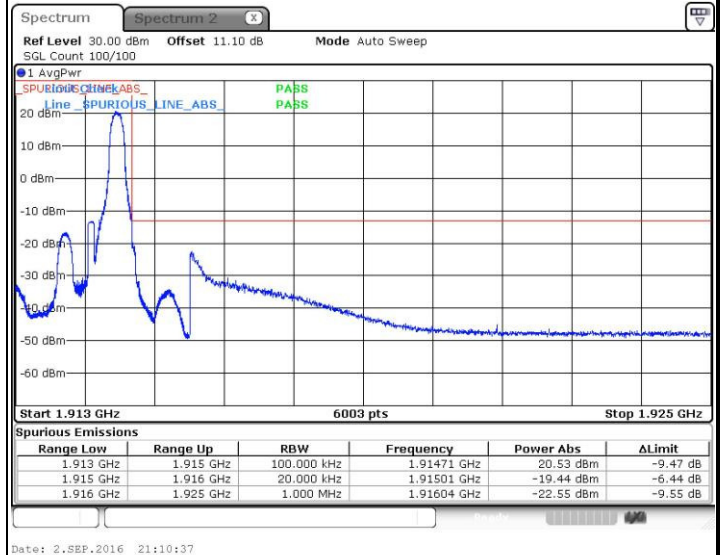
Highest Band Edge / Full RB



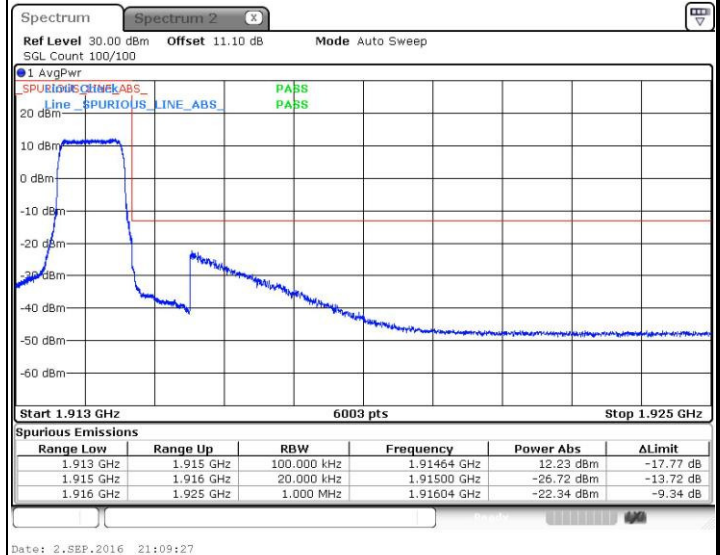


LTE Band 25 / 1.4MHz / 16QAM

Highest Band Edge / 1 RB



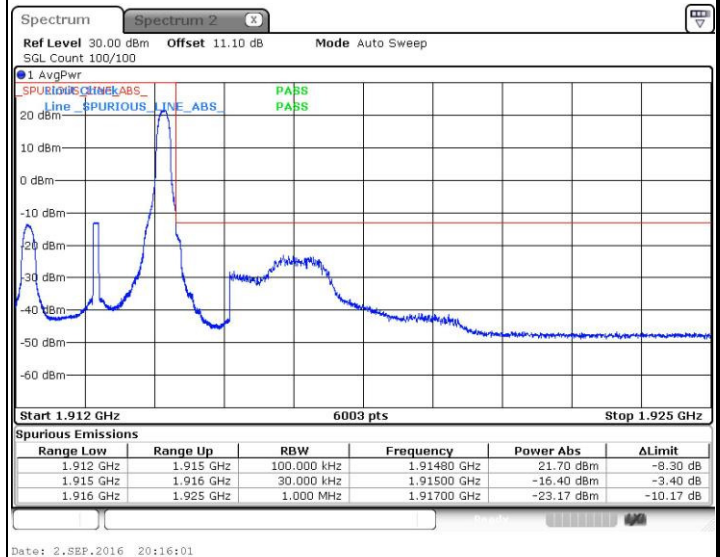
Highest Band Edge / Full RB



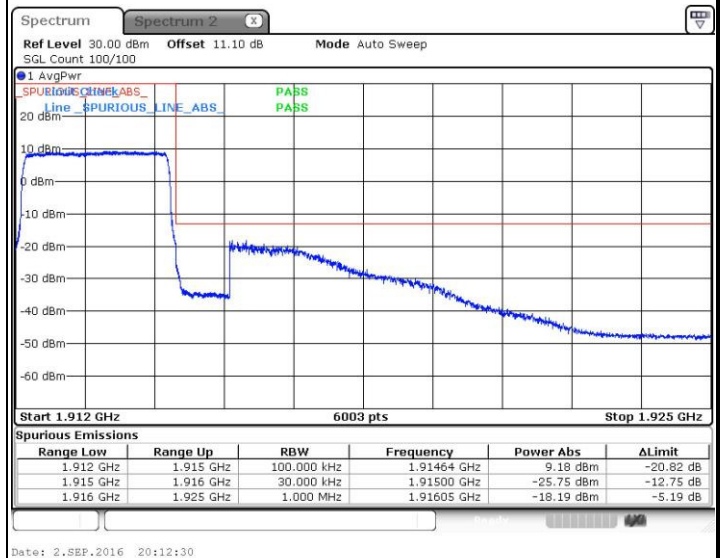


LTE Band 25 / 3MHz / QPSK

Highest Band Edge / 1 RB



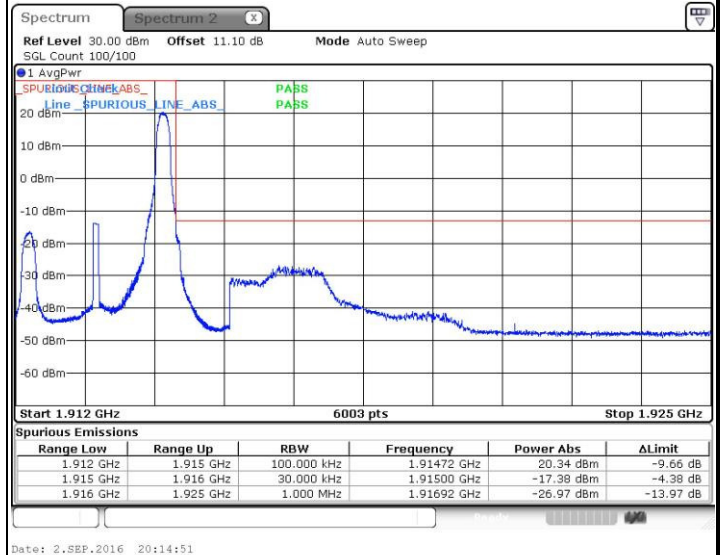
Highest Band Edge / Full RB



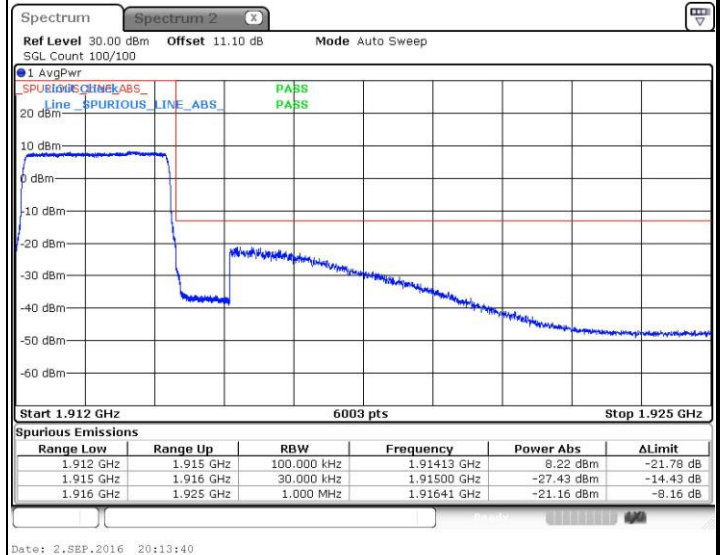


LTE Band 25 / 3MHz / 16QAM

Highest Band Edge / 1 RB



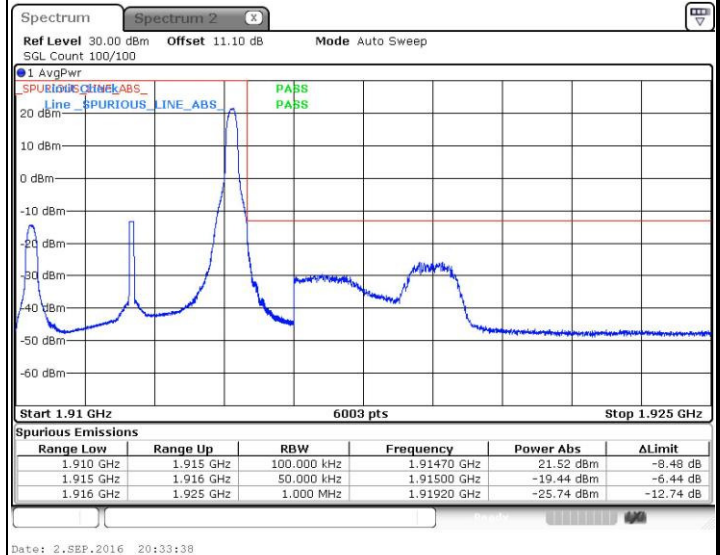
Highest Band Edge / Full RB



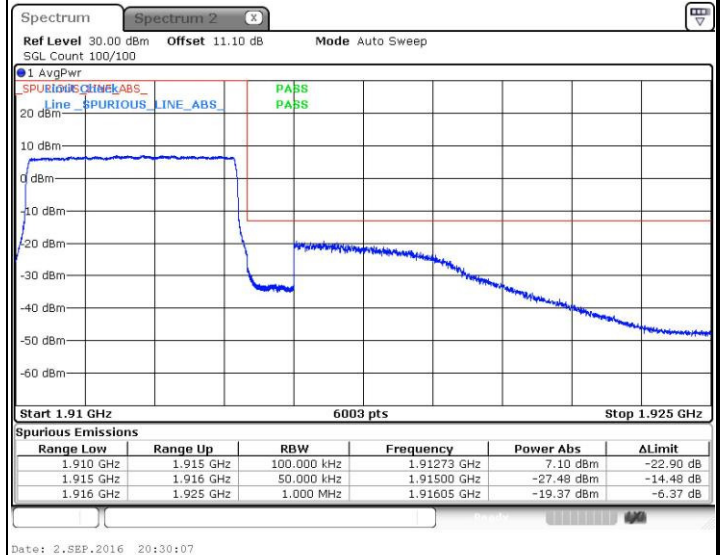


LTE Band 25 / 5MHz / QPSK

Highest Band Edge / 1 RB



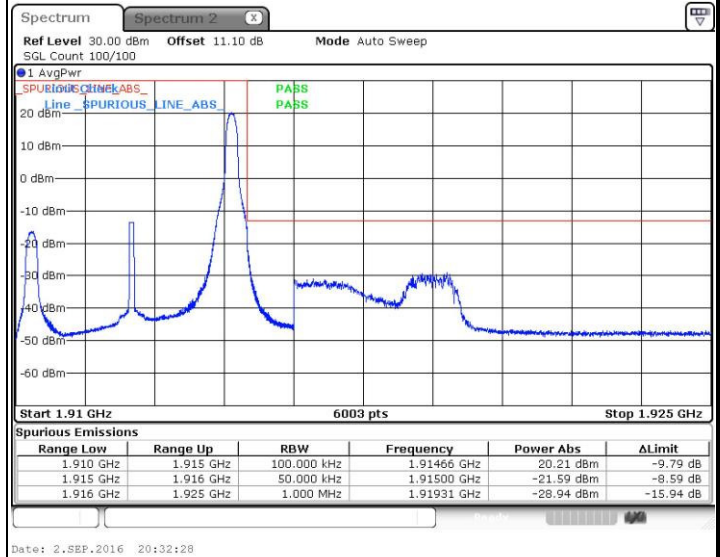
Highest Band Edge / Full RB





LTE Band 25 / 5MHz / 16QAM

Highest Band Edge / 1 RB



Highest Band Edge / Full RB

