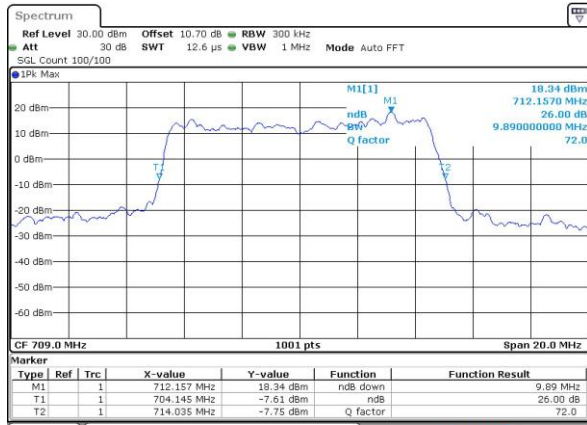


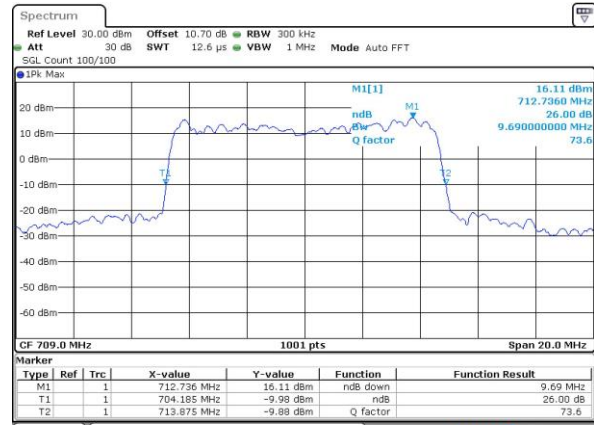


LTE Band 17

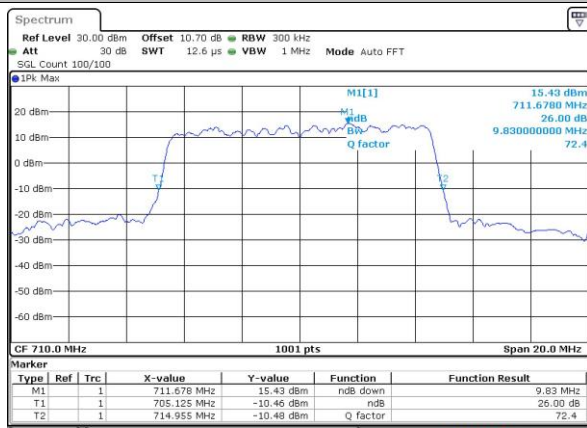
Lowest Channel / 10MHz / QPSK



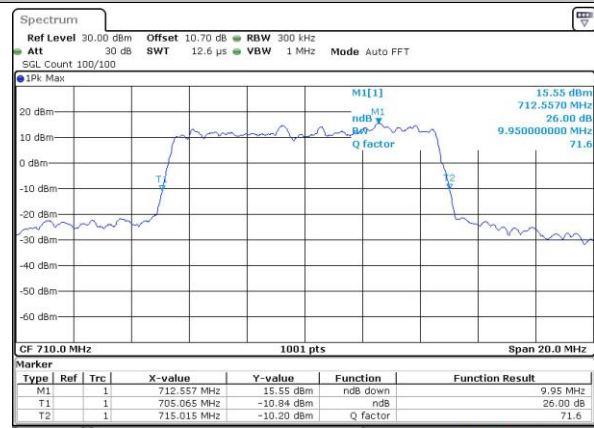
Lowest Channel / 10MHz / 16QAM



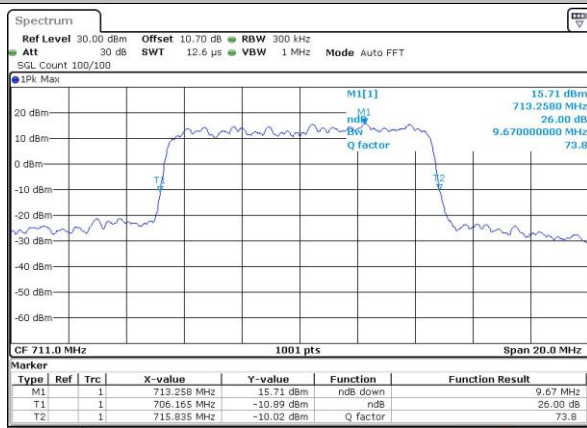
Middle Channel / 10MHz / QPSK



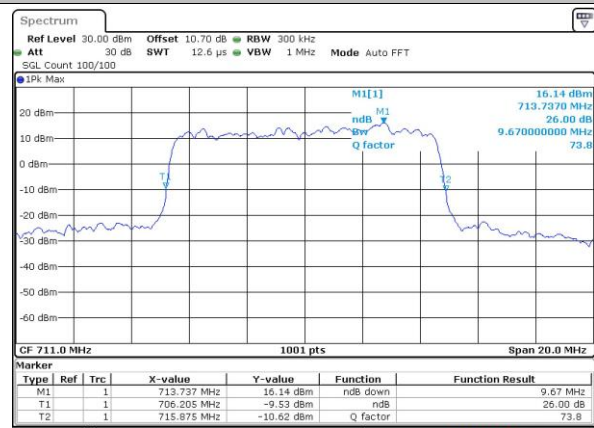
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



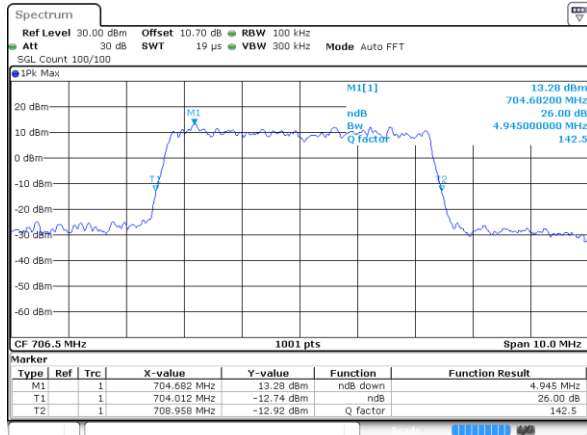
Highest Channel / 10MHz / 16QAM



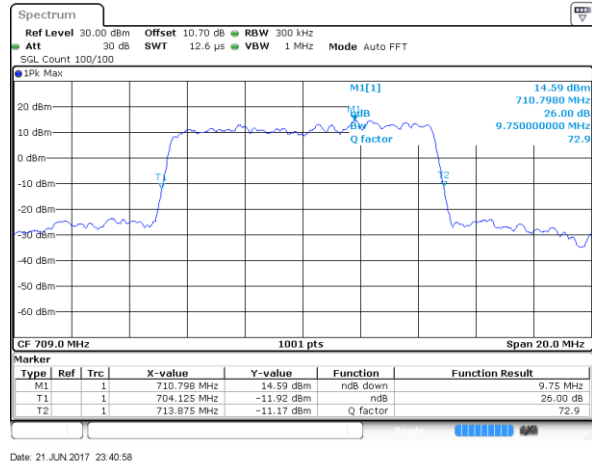


LTE Band 17

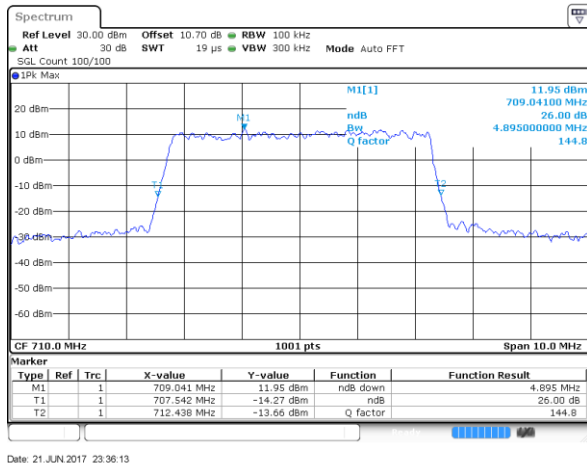
Lowest Channel / 5MHz / 64QAM



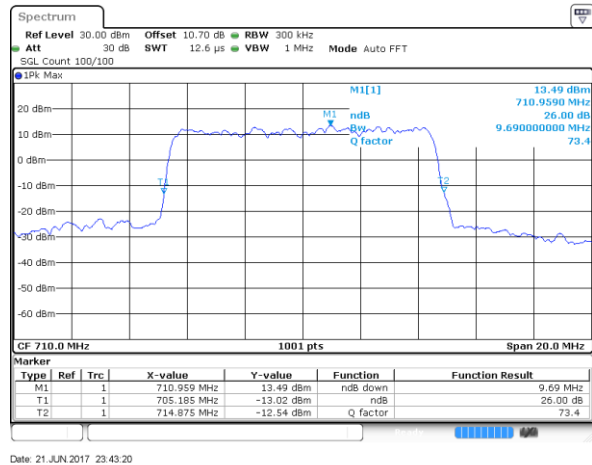
Lowest Channel / 10MHz / 64QAM



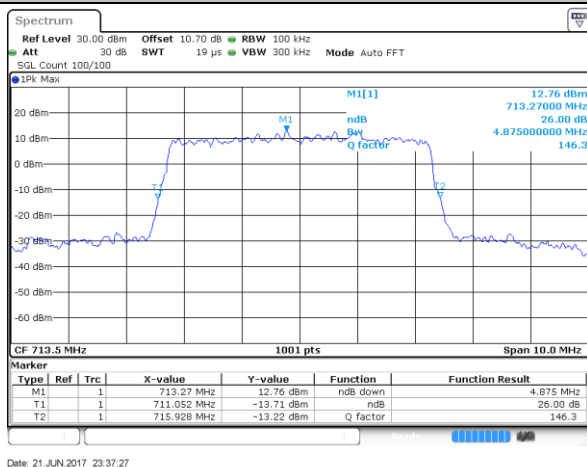
Middle Channel / 5MHz / 64QAM



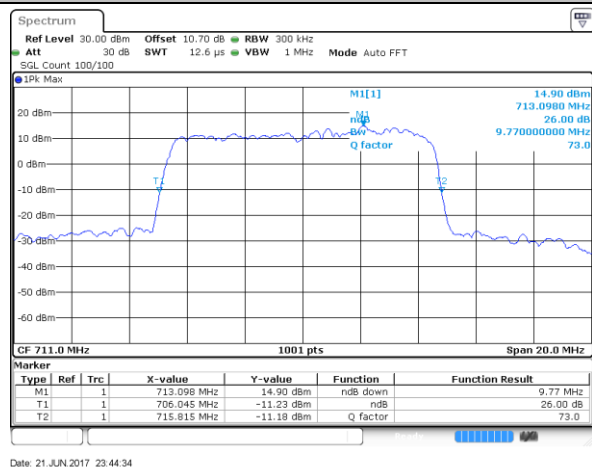
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



Highest Channel / 10MHz / 64QAM



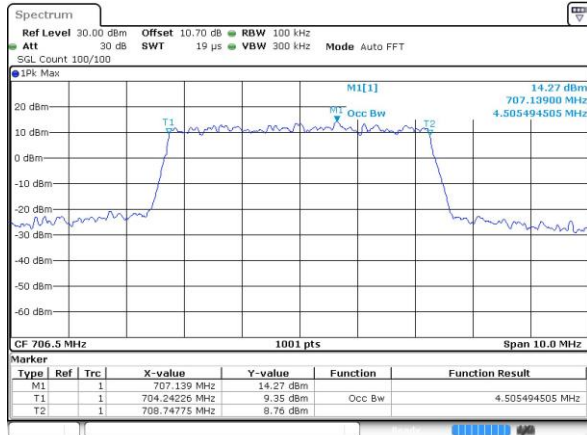
**Occupied Bandwidth**

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	4.49	9.11	9.03	-	-	-	-
Middle CH	-	-	-	-	4.51	4.51	9.01	9.07	-	-	-	-
Highest CH	-	-	-	-	4.47	4.49	9.05	8.99	-	-	-	-
Mode	LTE Band 17 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-	-	-	-	4.49	-	9.05	-	-	-	-	-
Middle CH	-	-	-	-	4.53	-	9.03	-	-	-	-	-
Highest CH	-	-	-	-	4.48	-	8.99	-	-	-	-	-



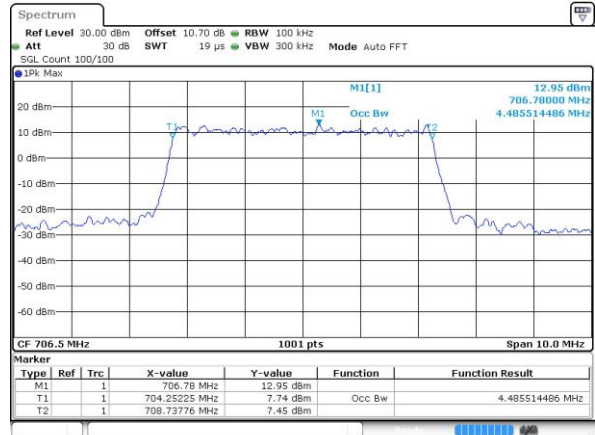
LTE Band 17

Lowest Channel / 5MHz / QPSK



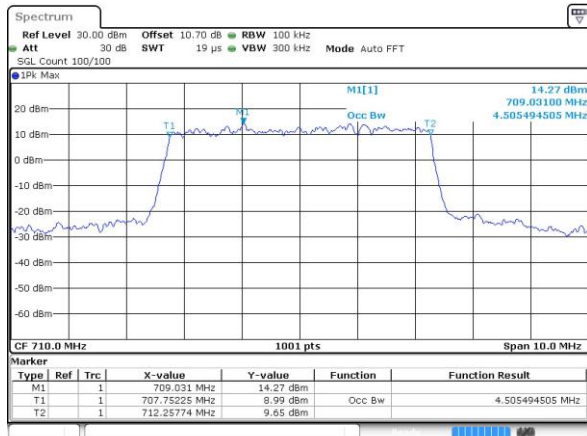
Date: 17 JUN 2017 19:53:32

Lowest Channel / 5MHz / 16QAM



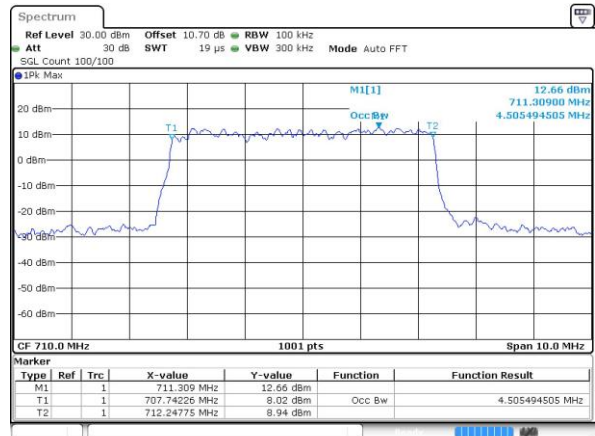
Date: 17 JUN 2017 19:53:42

Middle Channel / 5MHz / QPSK



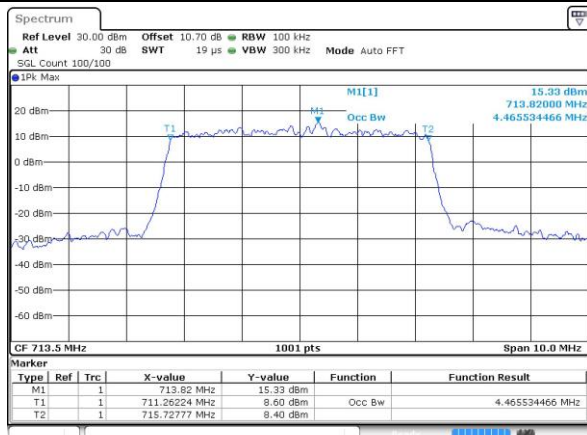
Date: 17 JUN 2017 20:00:38

Middle Channel / 5MHz / 16QAM



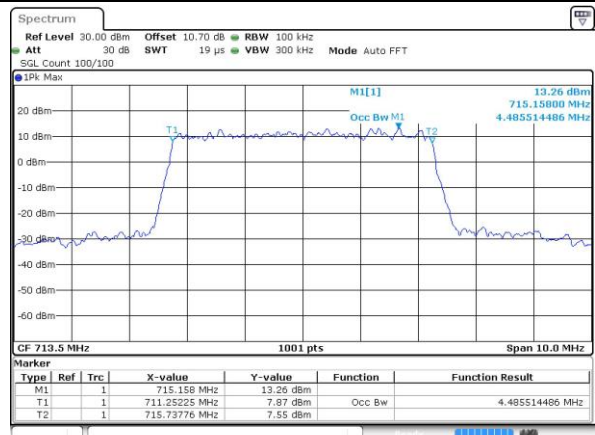
Date: 17 JUN 2017 20:00:49

Highest Channel / 5MHz / QPSK

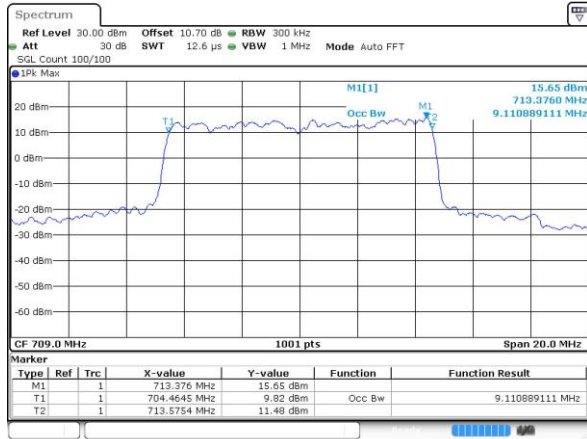
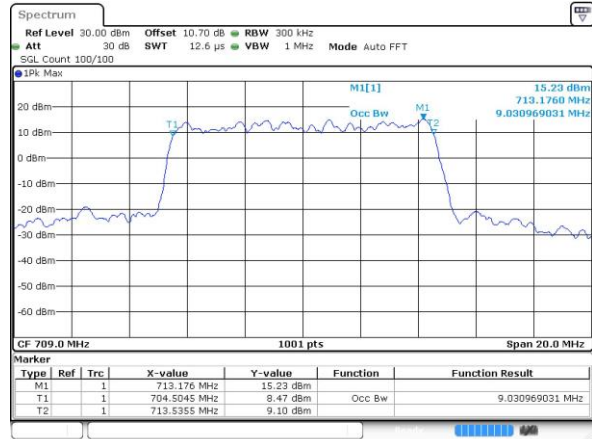
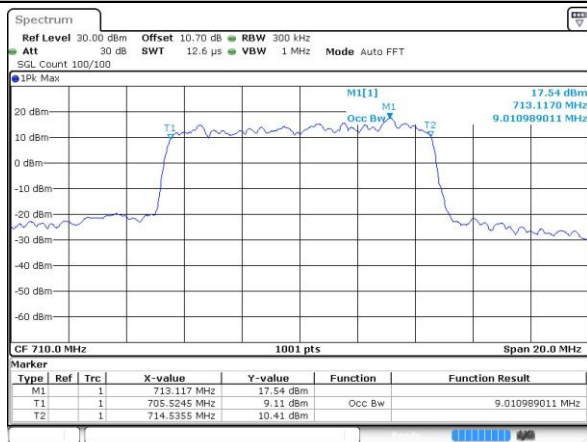
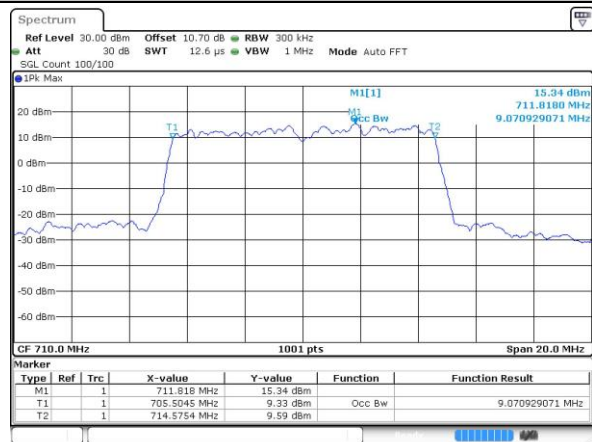
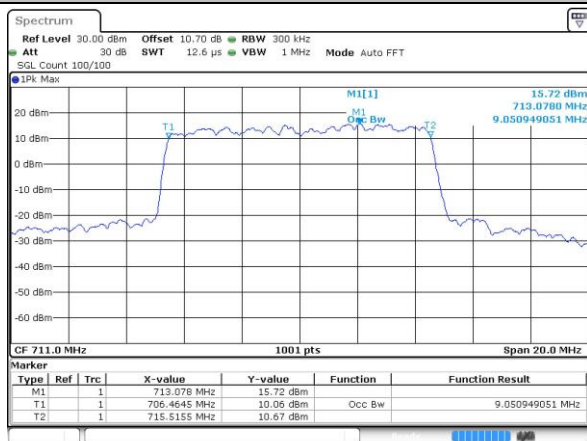
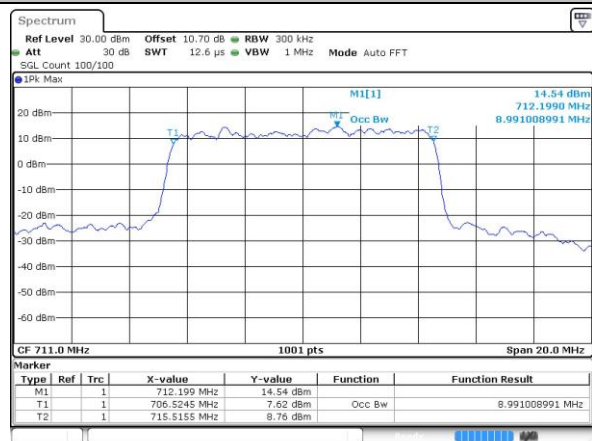


Date: 17 JUN 2017 20:03:08

Highest Channel / 5MHz / 16QAM



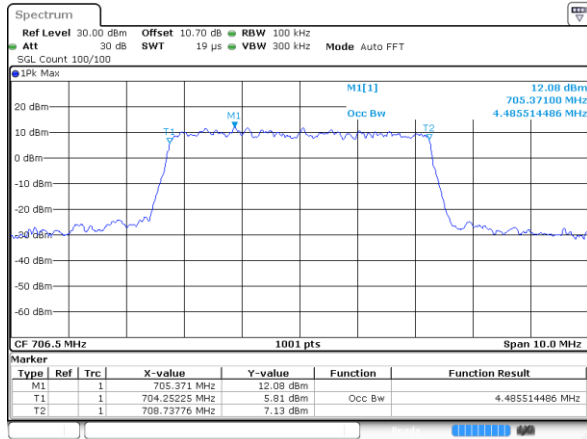
Date: 17 JUN 2017 20:03:19

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


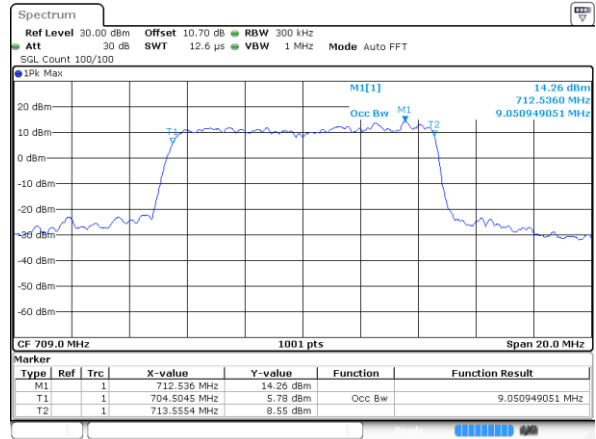


LTE Band 17

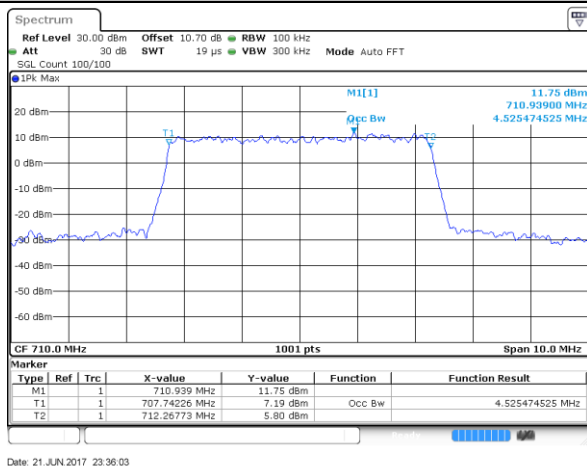
Lowest Channel / 5MHz / 64QAM



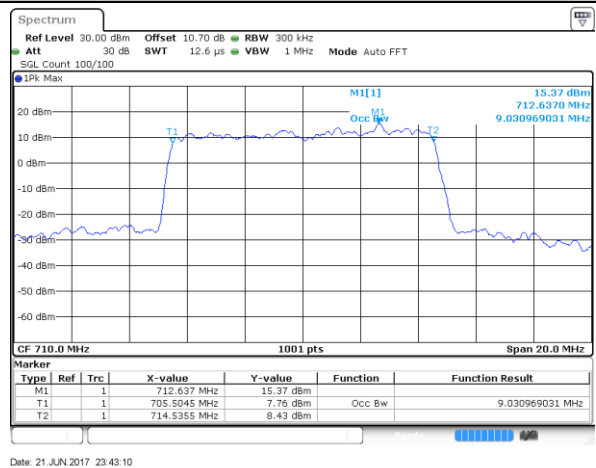
Lowest Channel / 10MHz / 64QAM



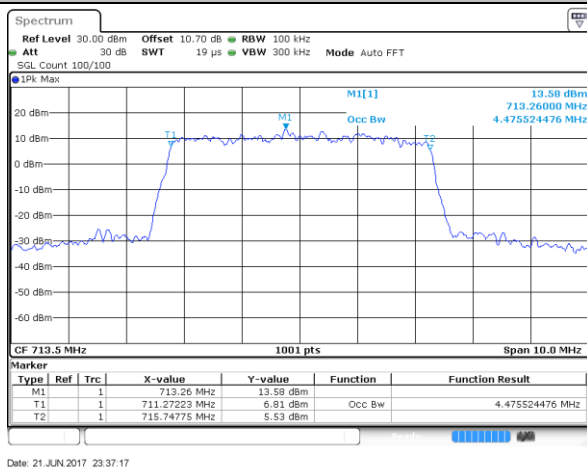
Middle Channel / 5MHz / 64QAM



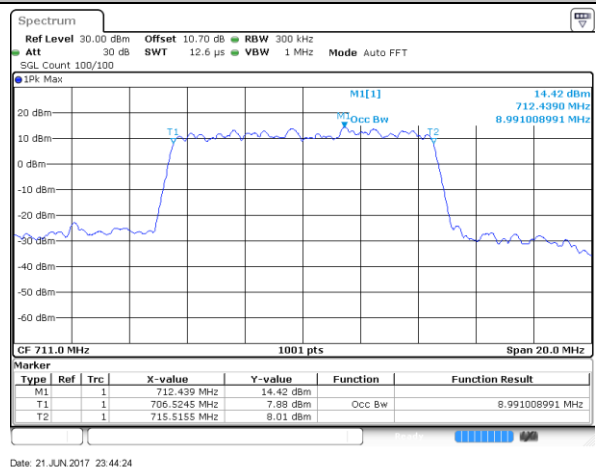
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



Highest Channel / 10MHz / 64QAM



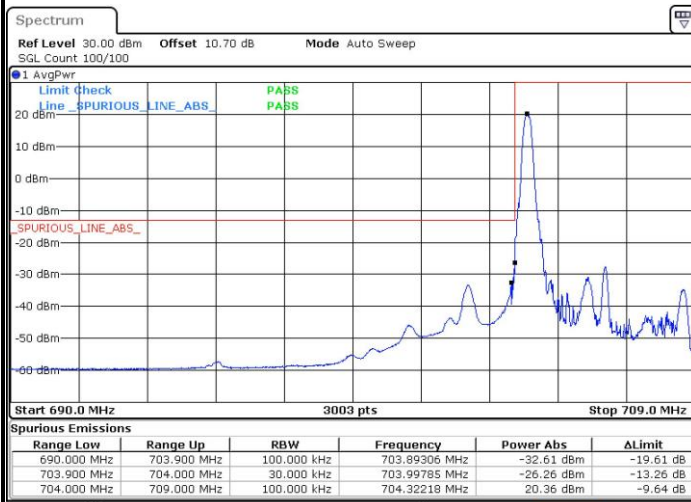


Conducted Band Edge

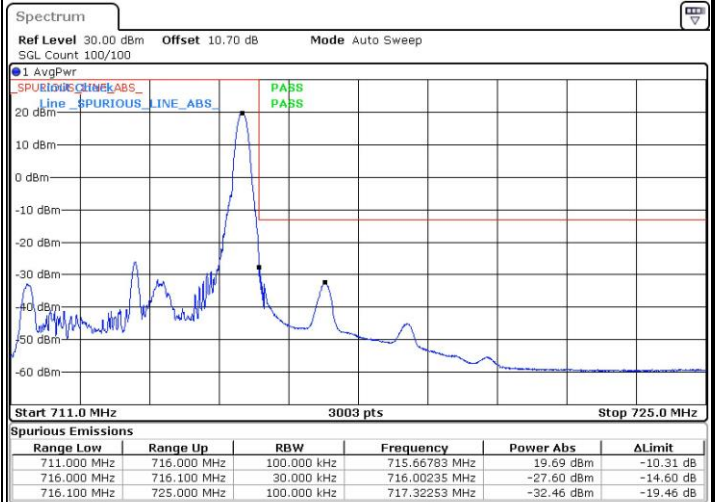


LTE Band 17 / 5MHz / QPSK

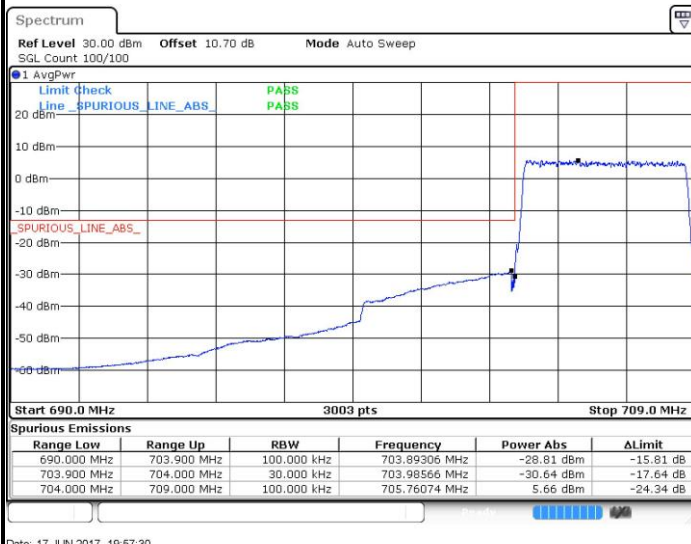
Lowest Band Edge / 1 RB



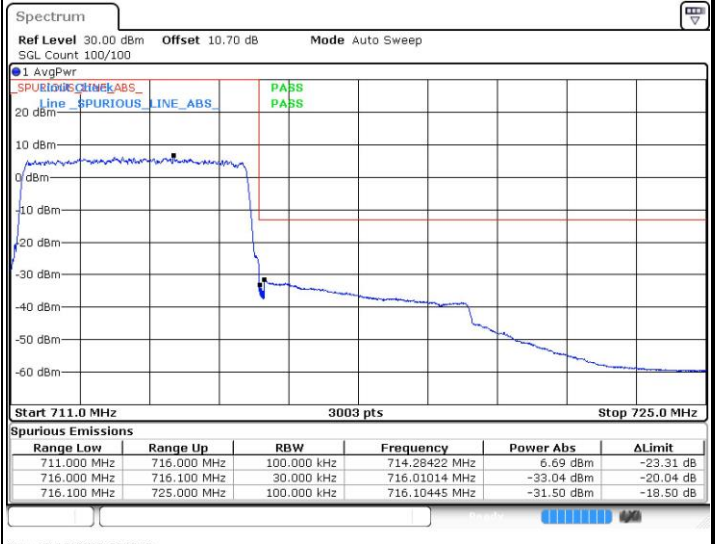
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



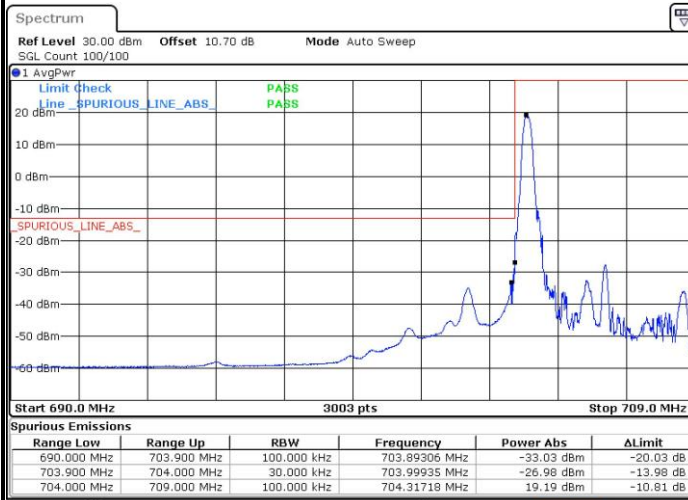
Highest Band Edge / Full RB





LTE Band 17 / 5MHz / 16QAM

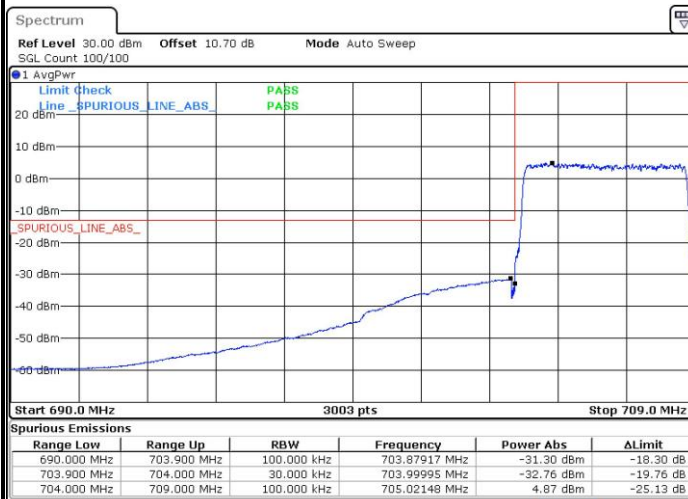
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



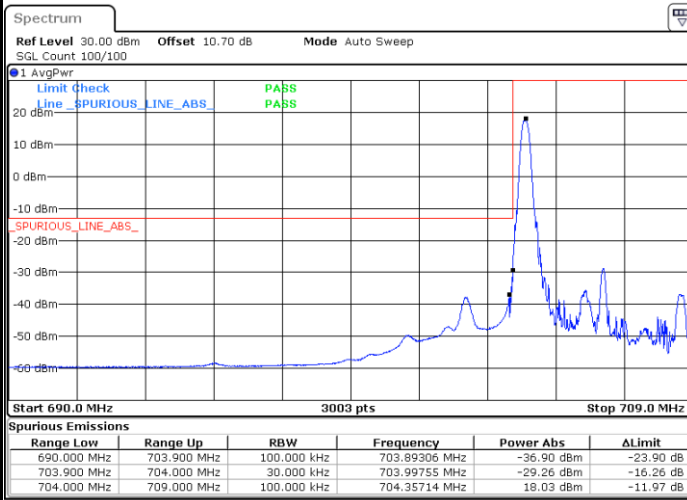
Highest Band Edge / Full RB



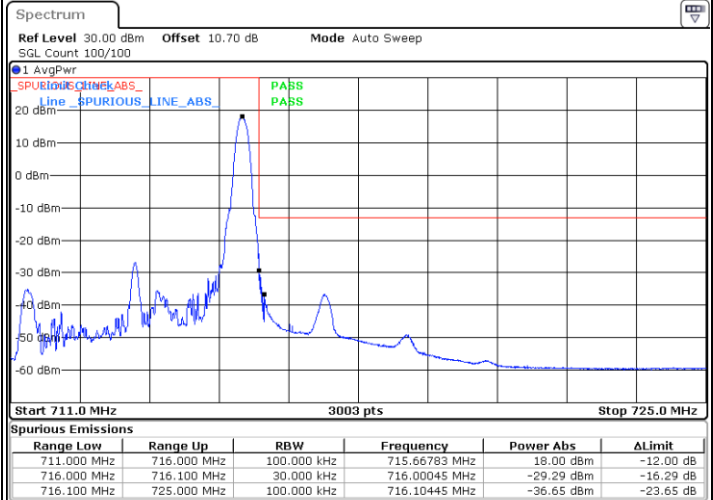


LTE Band 17 / 5MHz / 64QAM

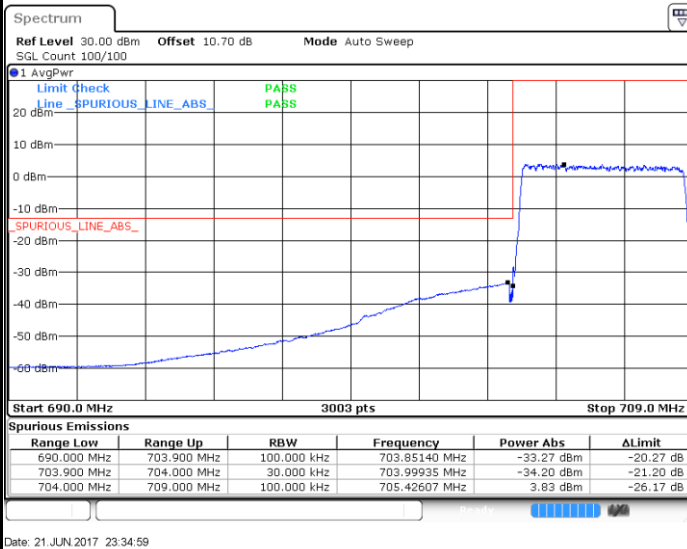
Lowest Band Edge / 1 RB



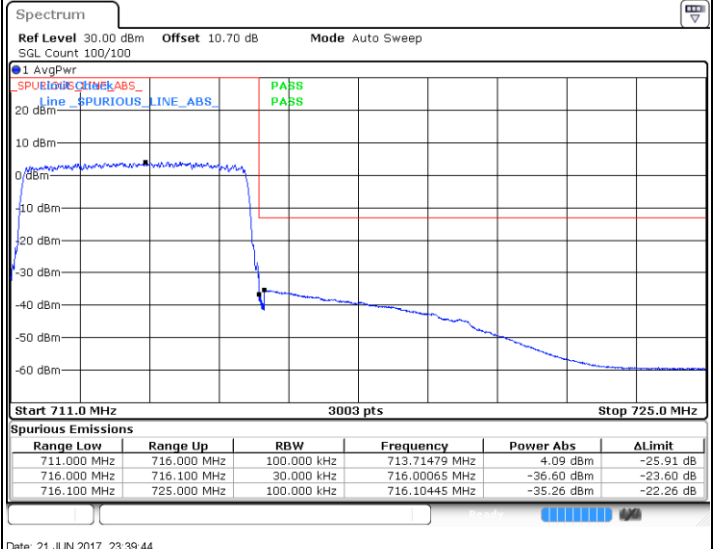
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



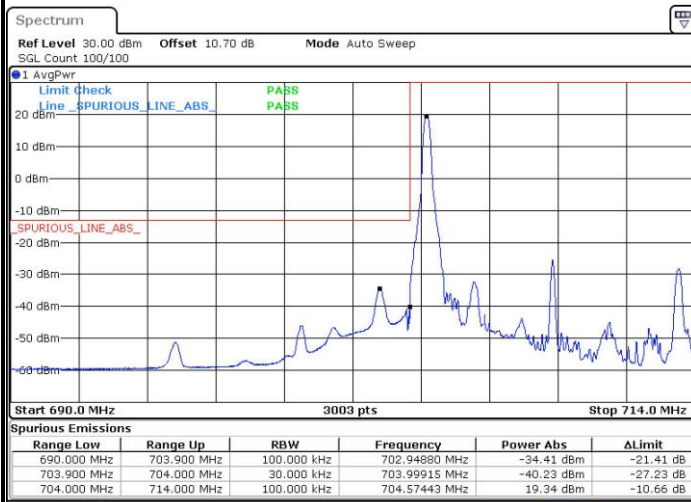
Highest Band Edge / Full RB



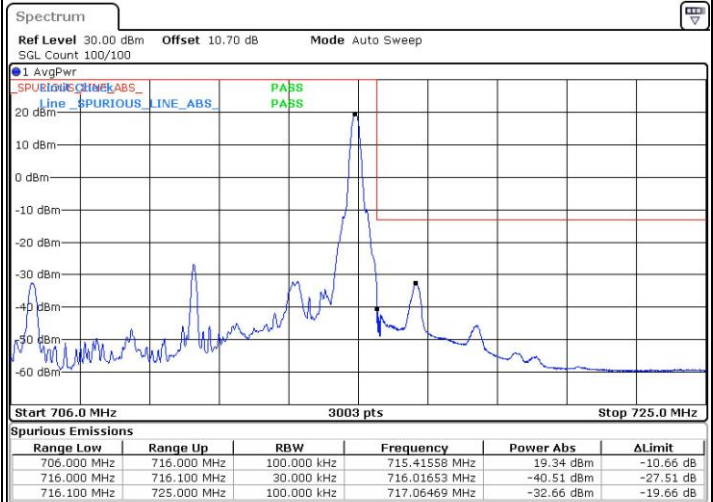


LTE Band 17 / 10MHz / QPSK

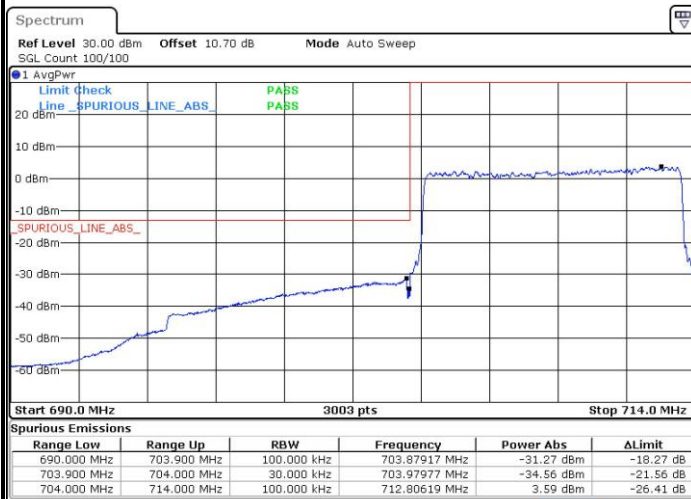
Lowest Band Edge / 1 RB



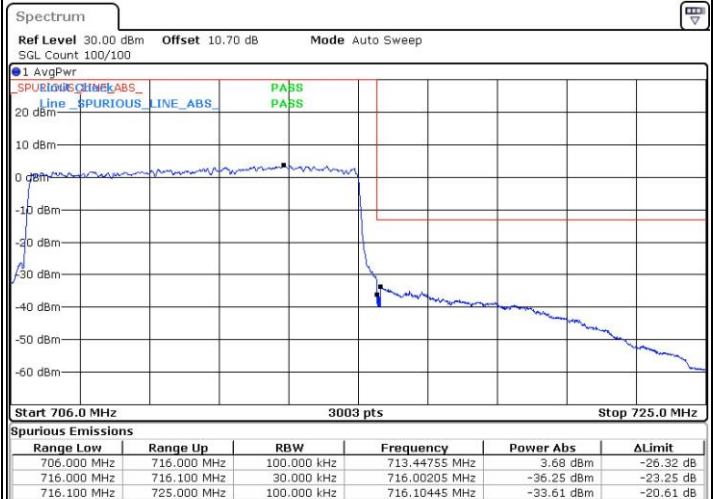
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



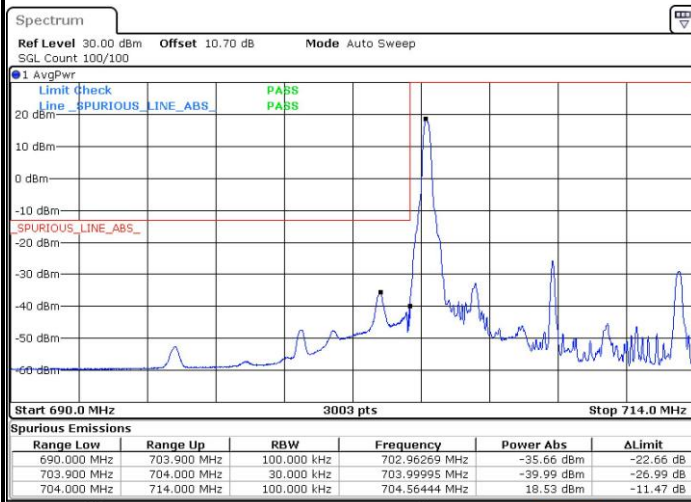
Highest Band Edge / Full RB



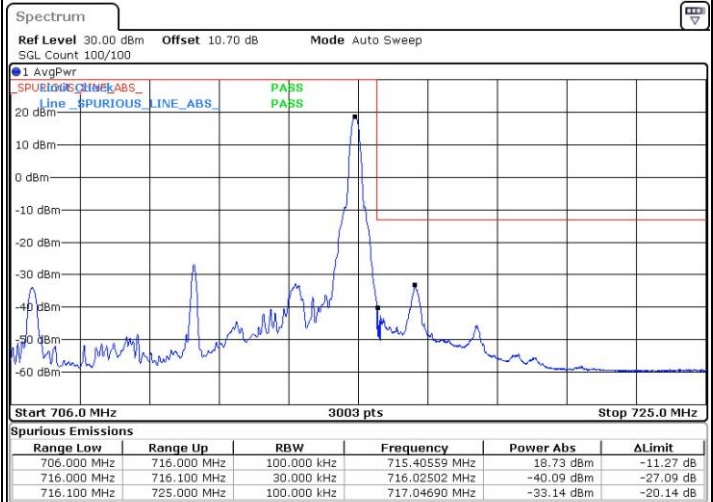


LTE Band 17 / 10MHz / 16QAM

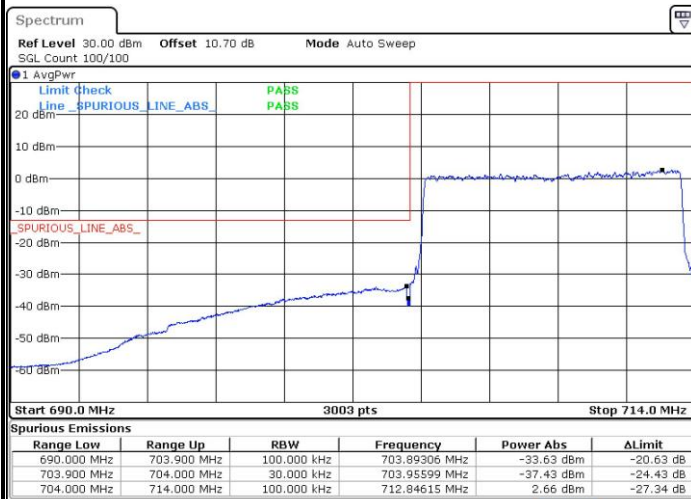
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



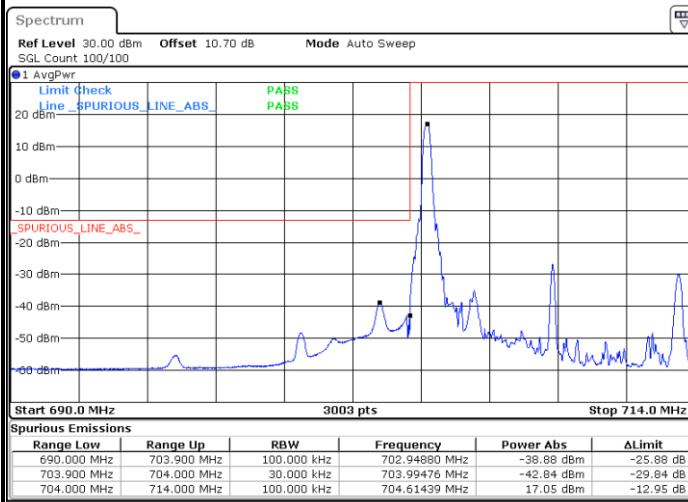
Highest Band Edge / Full RB



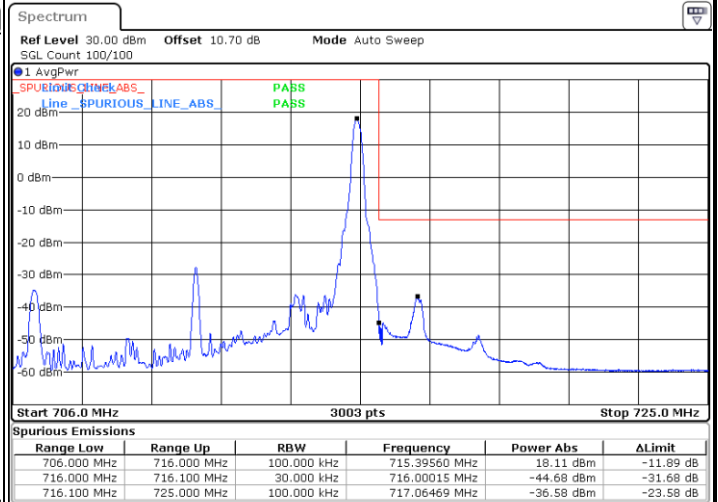


LTE Band 17 / 10MHz / 64QAM

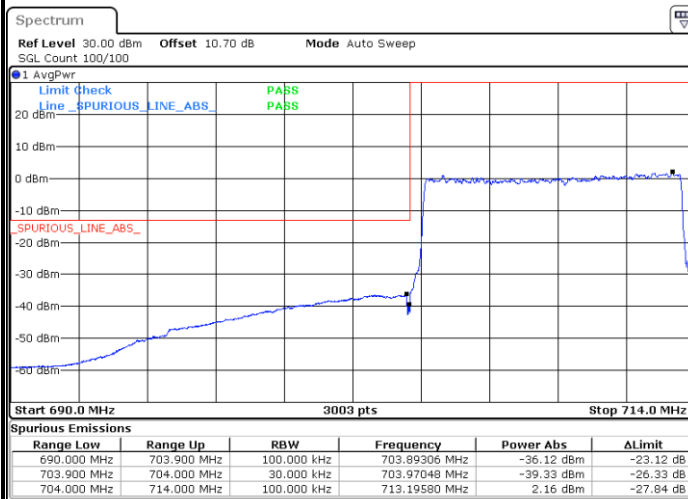
Lowest Band Edge / 1 RB



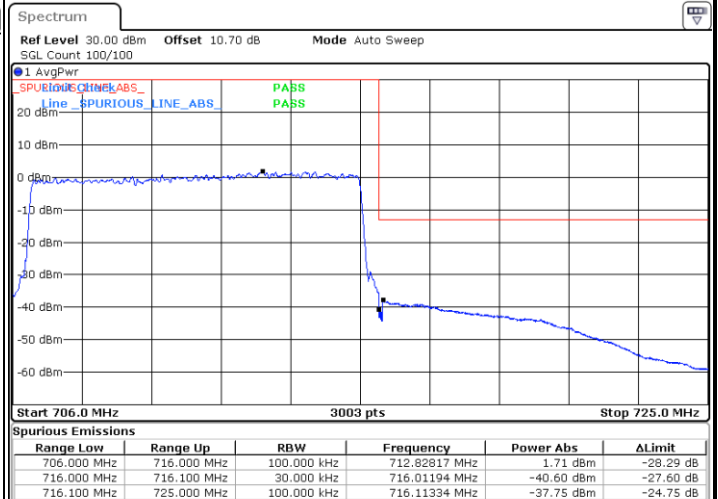
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB



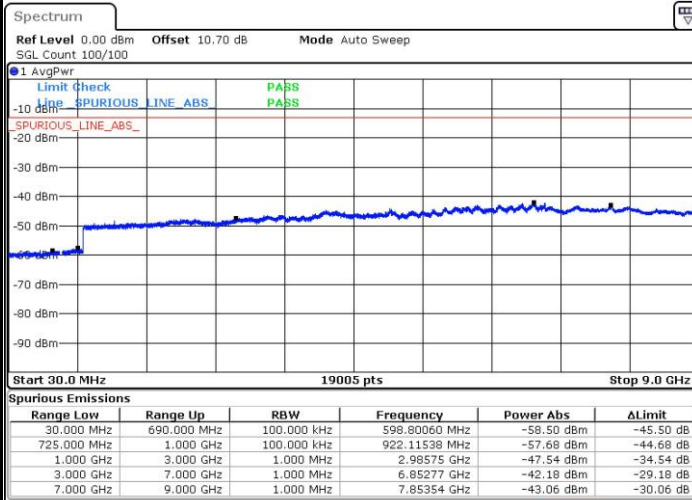


Conducted Spurious Emission



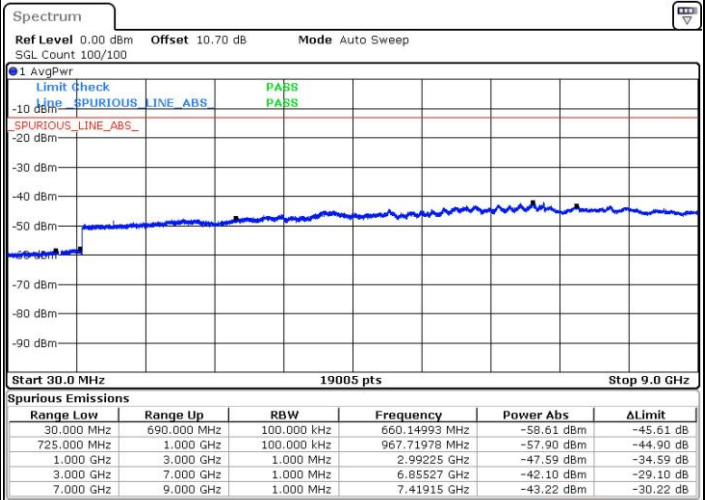
LTE Band 17 / 5MHz

Lowest Channel / QPSK



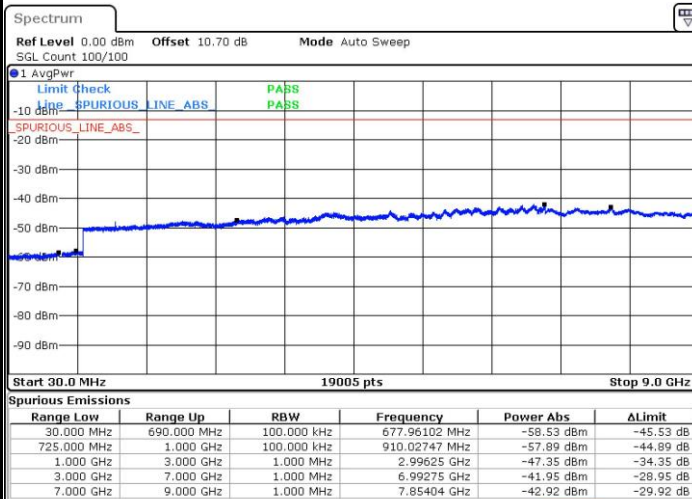
Date: 17 JUN 2017 19:59:34

Lowest Channel / 16QAM



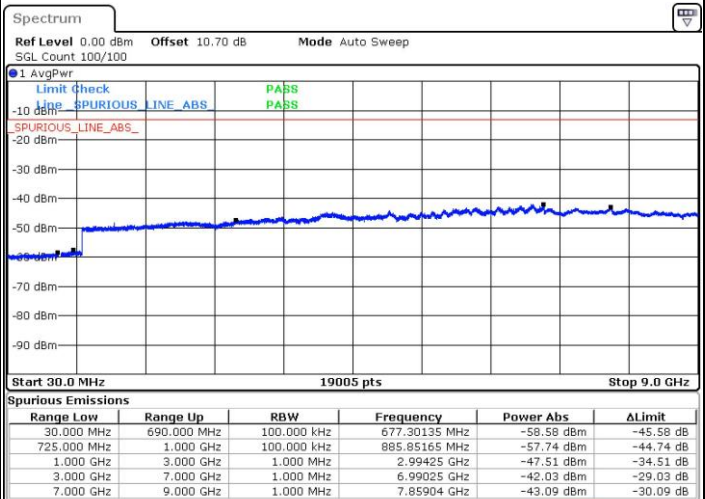
Date: 17 JUN 2017 20:00:28

Middle Channel / QPSK



Date: 17 JUN 2017 20:02:04

Middle Channel / 16QAM

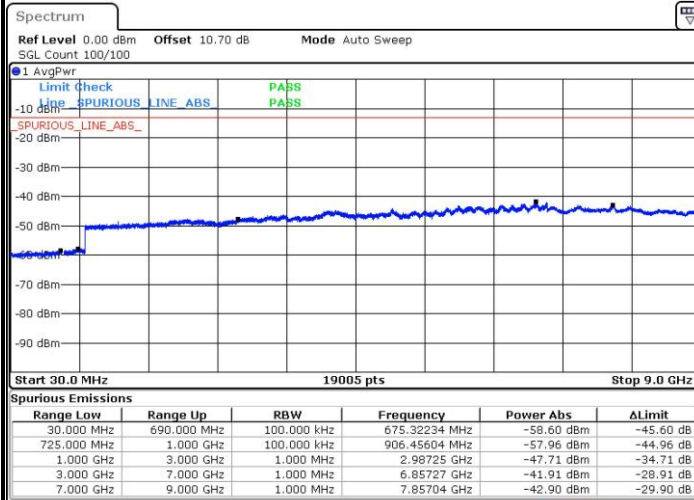


Date: 17 JUN 2017 20:02:58



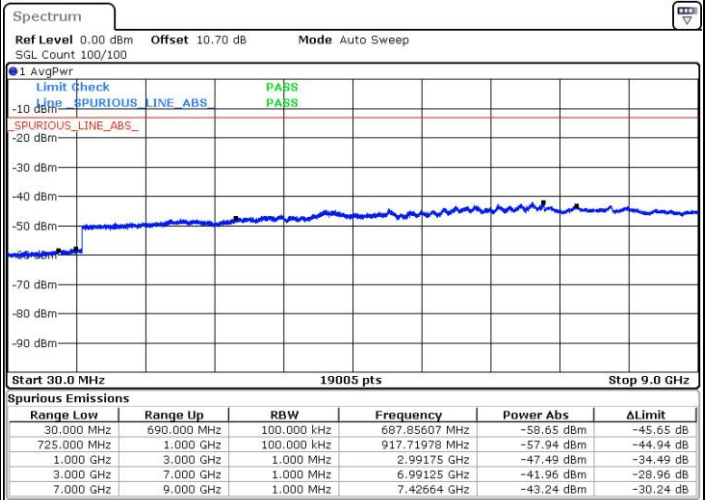
LTE Band 17 / 5MHz

Highest Channel / QPSK



Date: 17 JUN 2017 20:09:10

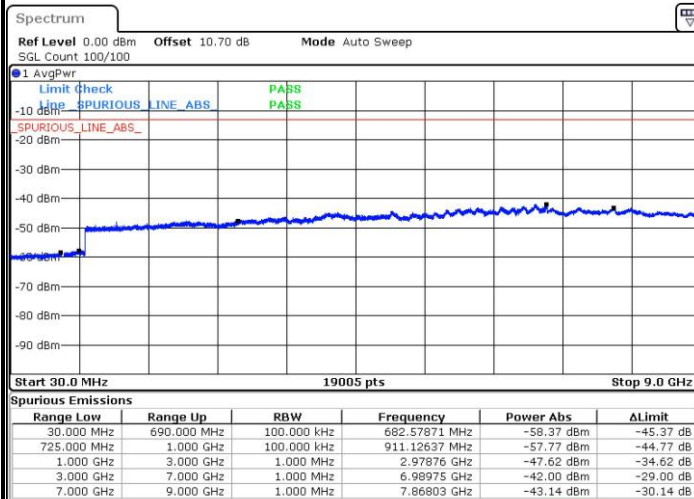
Highest Channel / 16QAM



Date: 17 JUN 2017 20:10:04

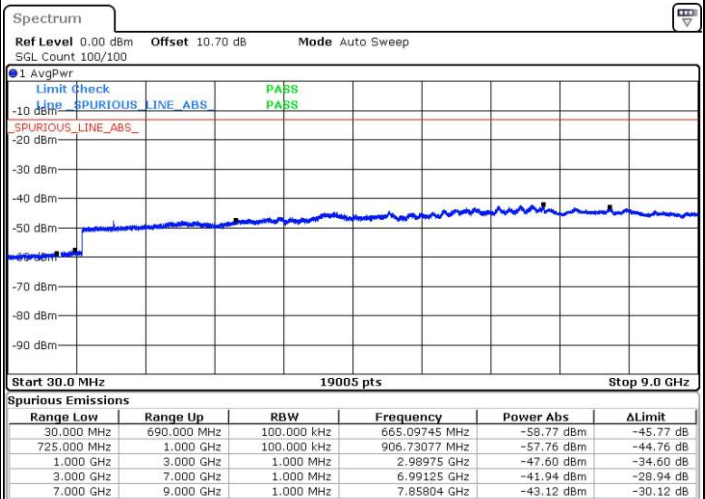
LTE Band 17 / 10MHz

Lowest Channel / QPSK



Date: 17 JUN 2017 20:16:16

Lowest Channel / 16QAM

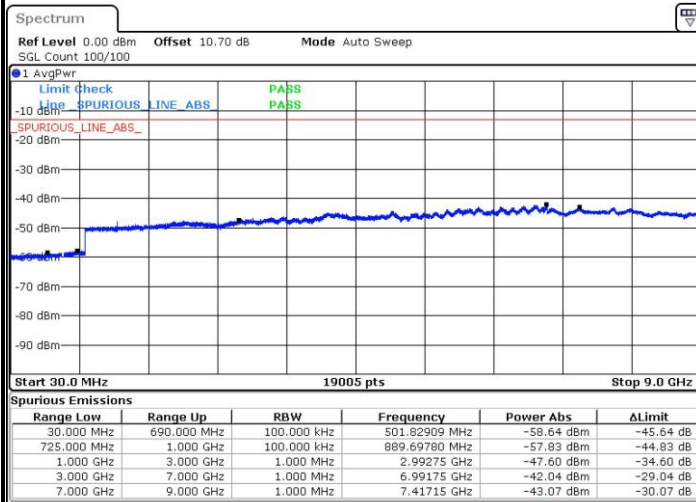


Date: 17 JUN 2017 20:17:11



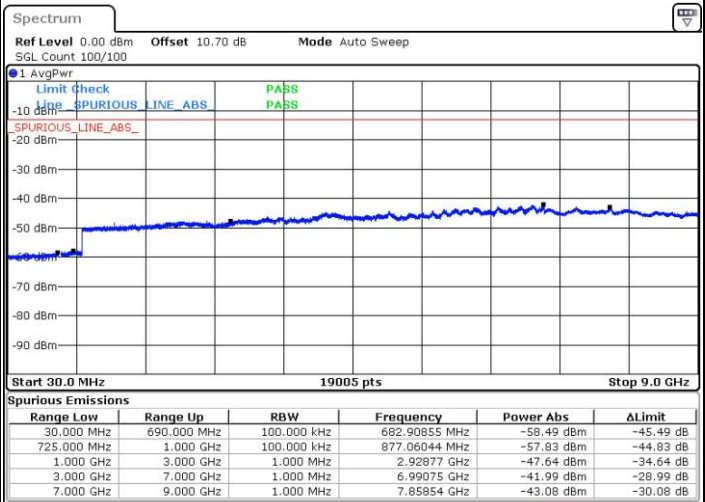
LTE Band 17 / 10MHz

Middle Channel / QPSK



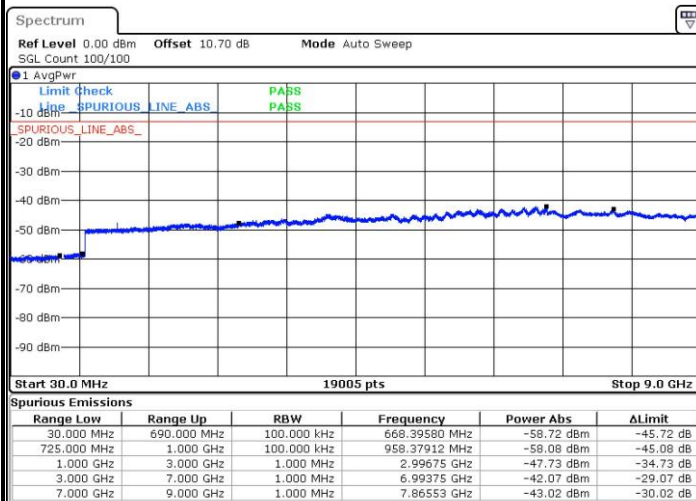
Date: 17 JUN 2017 20:18:46

Middle Channel / 16QAM



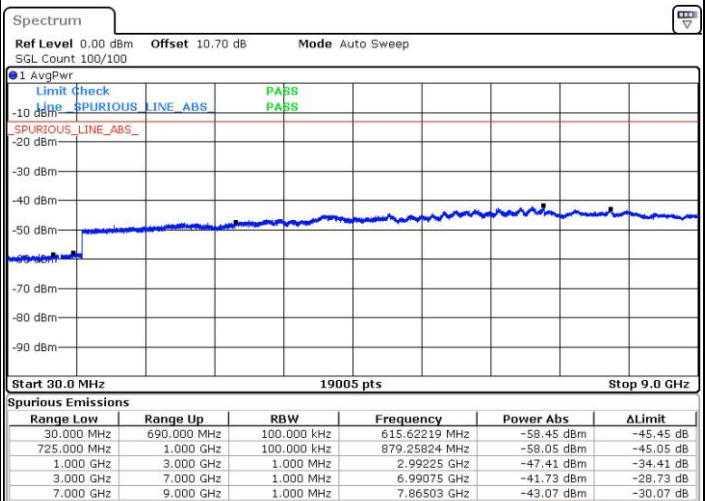
Date: 17 JUN 2017 20:19:40

Highest Channel / QPSK



Date: 17 JUN 2017 20:43:49

Highest Channel / 16QAM

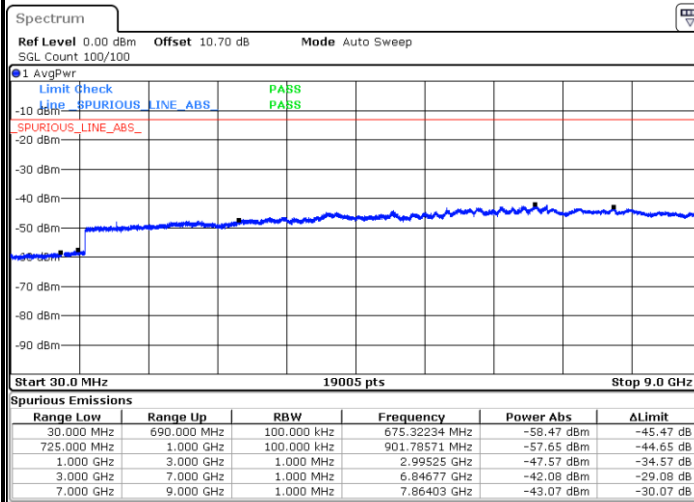


Date: 17 JUN 2017 20:44:43



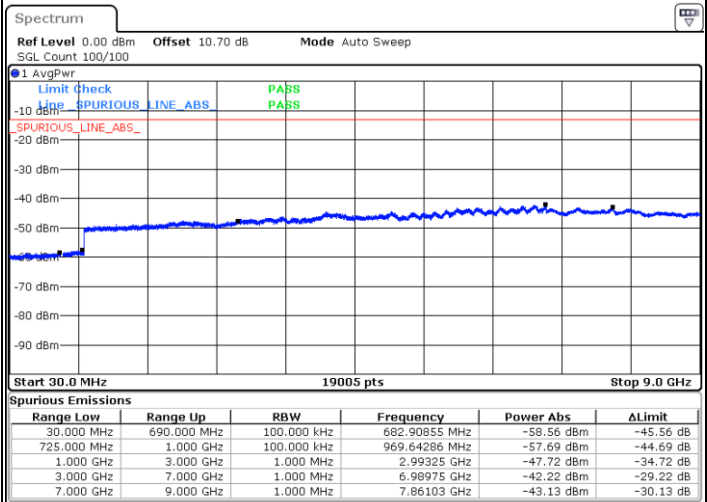
LTE Band 17 / 5MHz

Lowest Channel / 64QAM



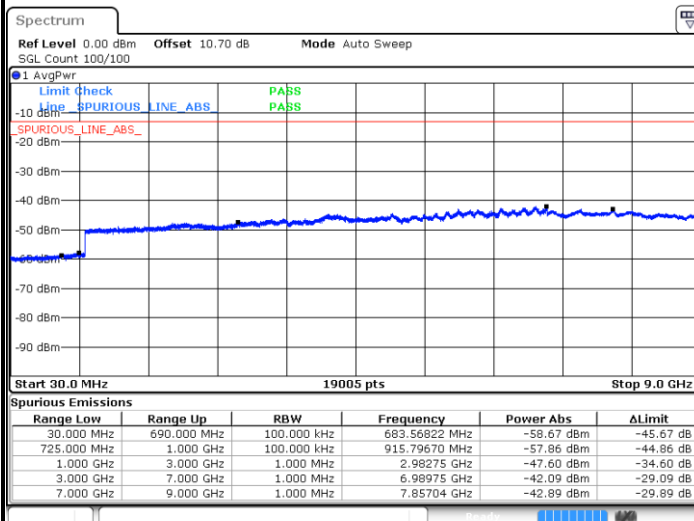
Date: 21 JUN 2017 23:35:53

Middle Channel / 64QAM



Date: 21 JUN 2017 23:37:07

Highest Channel / 64QAM

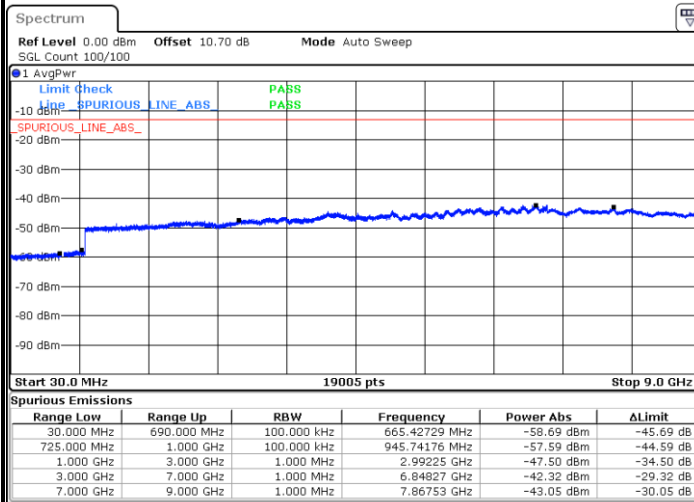


Date: 21 JUN 2017 23:40:38



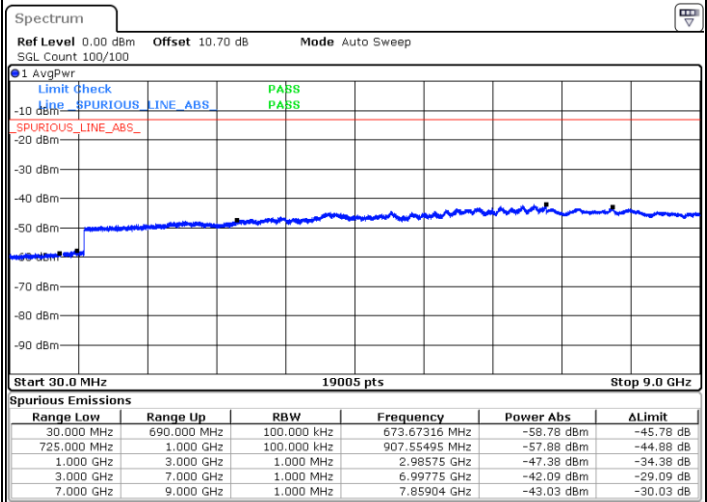
LTE Band 17 / 10MHz

Lowest Channel / 64QAM



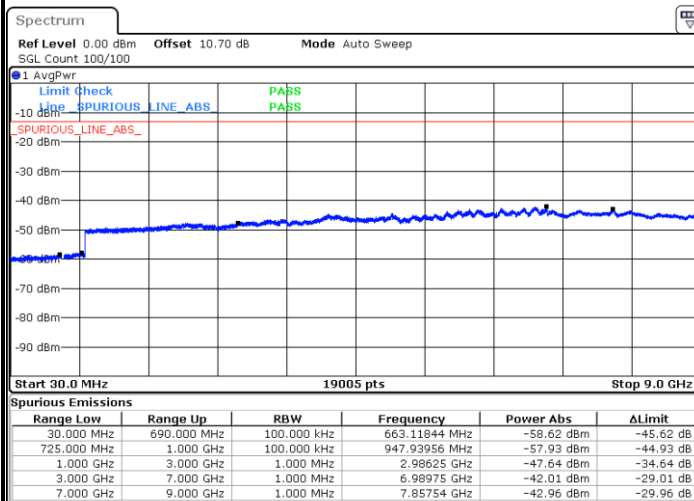
Date: 21.JUN.2017 23:43:00

Middle Channel / 64QAM



Date: 21.JUN.2017 23:44:14

Highest Channel / 64QAM



Date: 21.JUN.2017 23:47:46

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	0.0035	PASS
40	Normal Voltage	0.0037	
30	Normal Voltage	0.0051	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0003	
0	Normal Voltage	0.0049	
-10	Normal Voltage	0.0013	
-20	Normal Voltage	0.0000	
-30	Normal Voltage	0.0044	
20	Maximum Voltage	0.0034	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0007	

Note:

1. Normal Voltage =3.3 V. ; Battery End Point (BEP) =3.1 V. ; Maximum Voltage =3.6 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



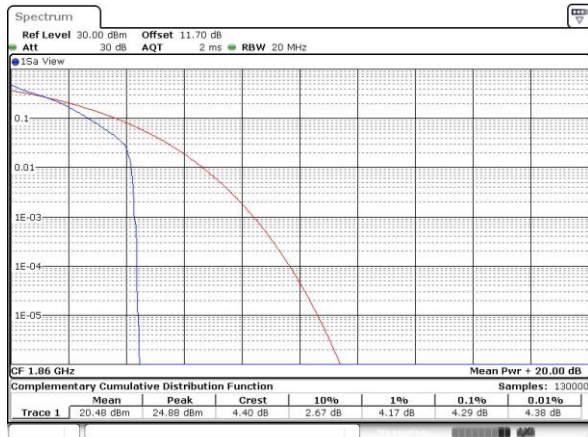
LTE Band 25

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	4.29	4.9	5.19	5.8	PASS
Middle CH	4.55	5.01	5.25	5.8	
Highest CH	4.41	5.01	4.96	5.97	
Mode	LTE Band 25 / 20MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	6.49	6.29			PASS
Middle CH	6.58	6.43			
Highest CH	6.26	6.41			

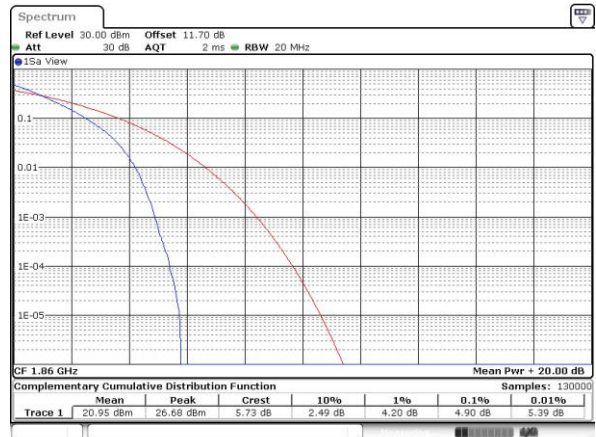
LTE Band 25 / 20MHz / QPSK

Lowest Channel / 1RB



Date: 17 JUN 2017 18:59:23

Lowest Channel / Full RB



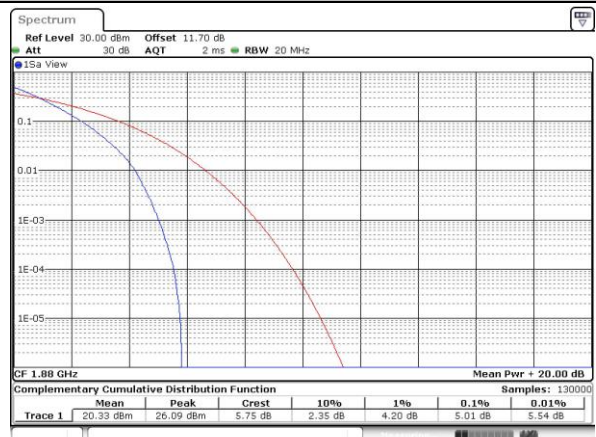
Date: 17 JUN 2017 18:59:33

Middle Channel / 1RB



Date: 17 JUN 2017 19:00:02

Middle Channel / Full RB



Date: 17 JUN 2017 19:00:12

Highest Channel / 1RB

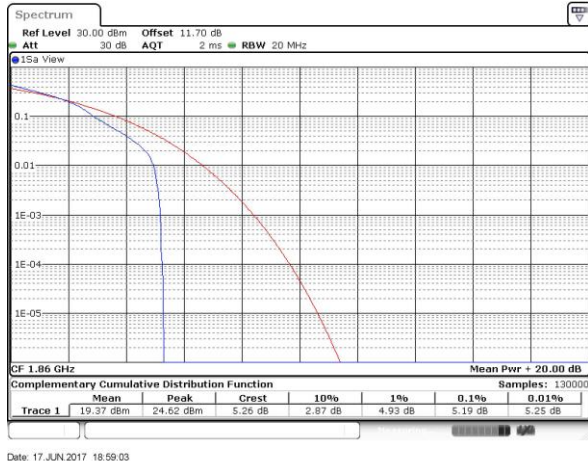
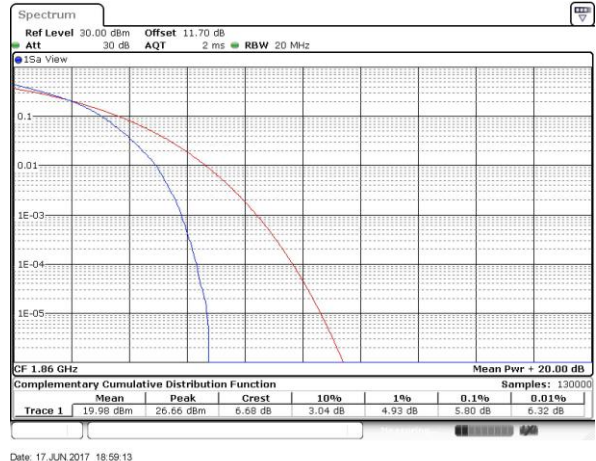
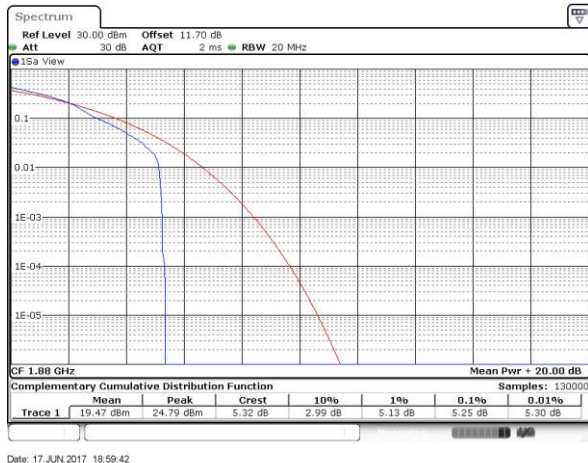
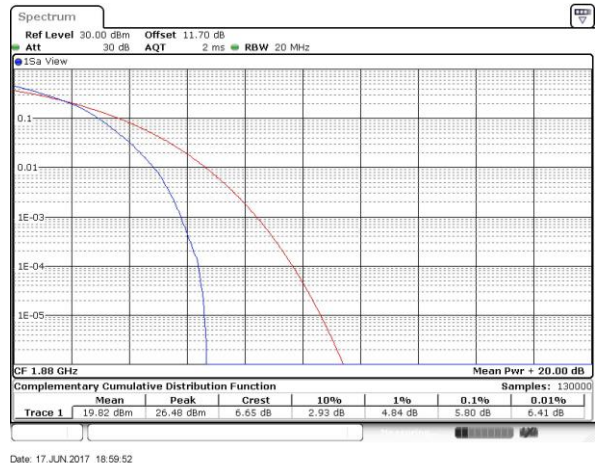
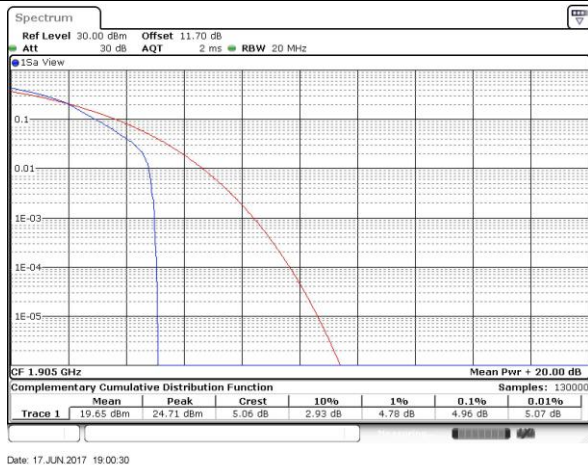


Date: 17 JUN 2017 19:00:51

Highest Channel / Full RB



Date: 17 JUN 2017 19:01:19

LTE Band 25 / 20MHz / 16QAM
Lowest Channel / 1RB

Lowest Channel / Full RB

Middle Channel / 1RB

Middle Channel / Full RB

Highest Channel / 1RB

Highest Channel / Full RB
