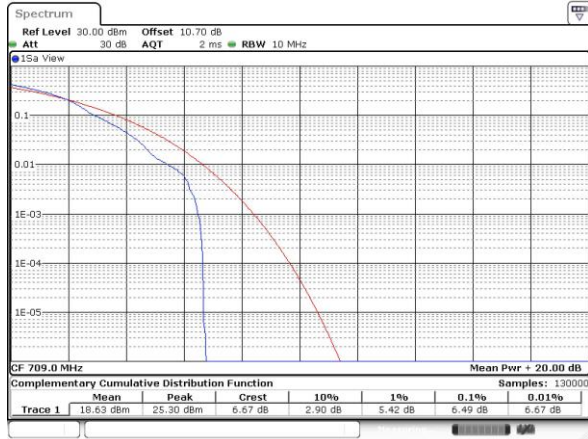
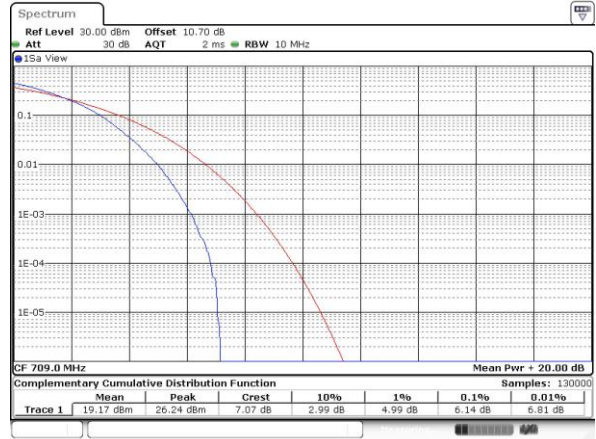
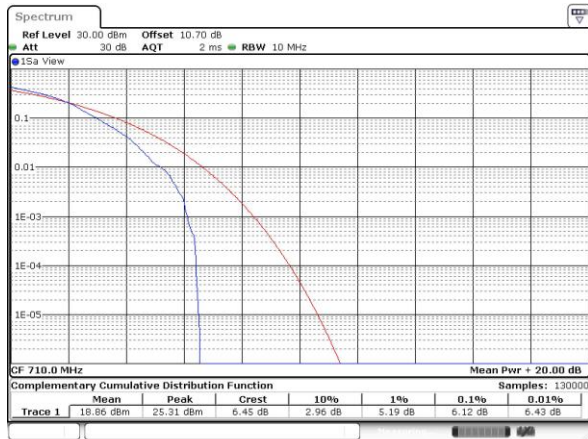
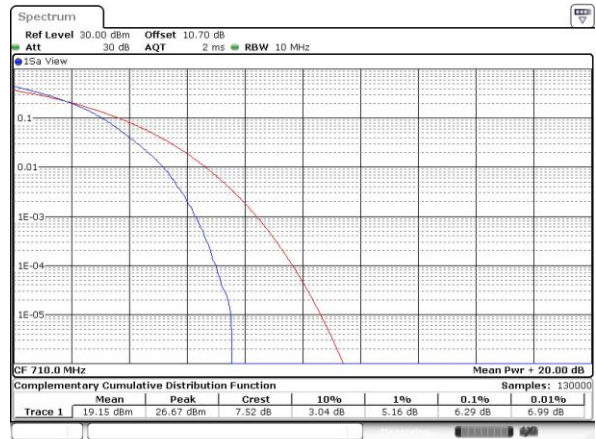
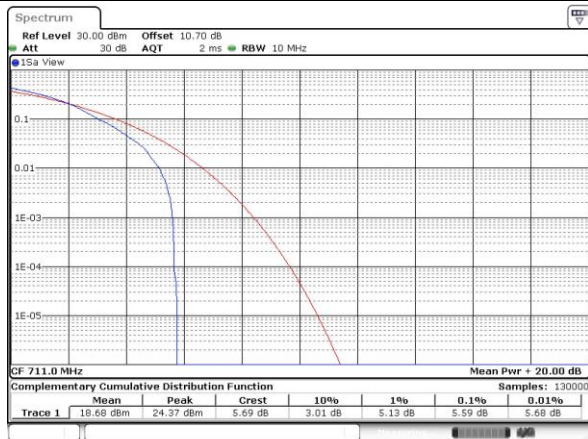


LTE Band 17 / 10MHz / 16QAM
Lowest Channel / 1RB

Lowest Channel / Full RB

Middle Channel/ 1RB

Middle Channel / Full RB

Highest Channel/ 1RB

Highest Channel / Full RB



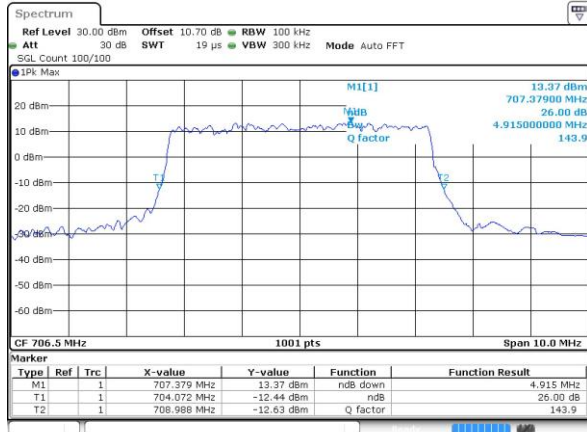

26dB Bandwidth

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	-	-	-	-	4.92	4.93	9.85	9.77	-	-	-	-
Middle CH	-	-	-	-	5.00	5.00	9.65	9.83	-	-	-	-
Highest CH	-	-	-	-	4.93	4.93	9.75	9.75	-	-	-	-



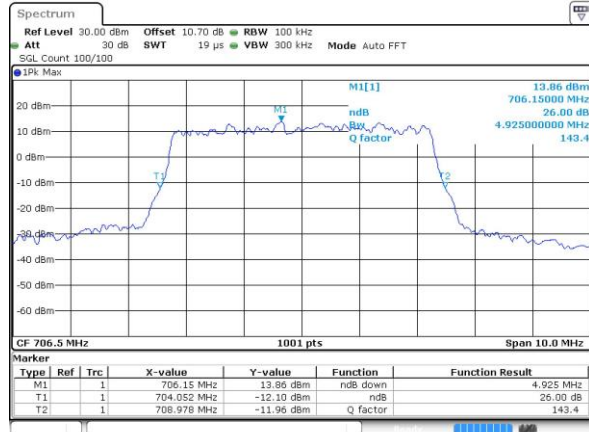
LTE Band 17

Lowest Channel / 5MHz / QPSK



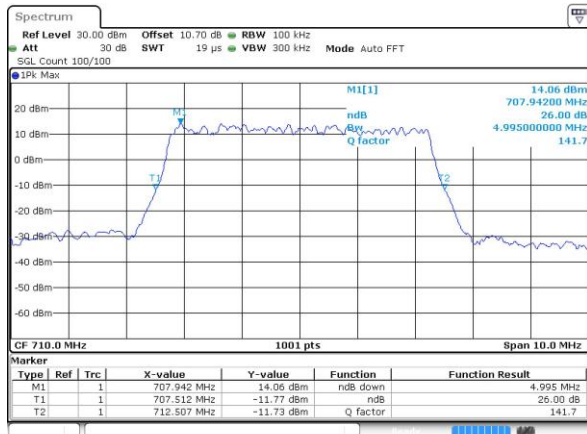
Date: 27 DEC 2016 16:10:40

Lowest Channel / 5MHz / 16QAM



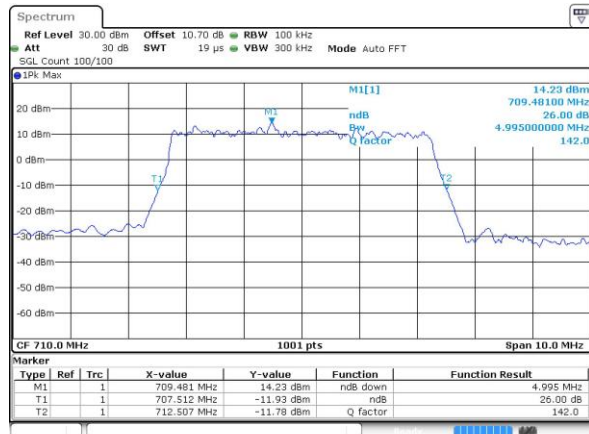
Date: 27 DEC 2016 16:10:51

Middle Channel / 5MHz / QPSK



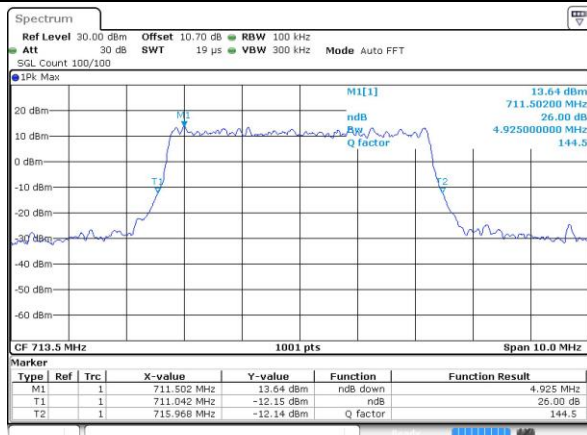
Date: 27 DEC 2016 16:17:47

Middle Channel / 5MHz / 16QAM



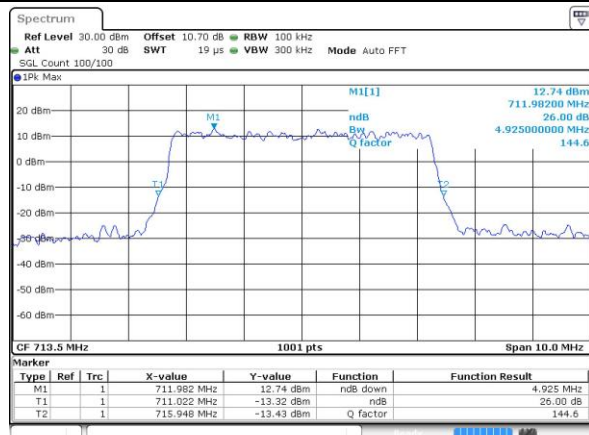
Date: 27 DEC 2016 16:17:57

Highest Channel / 5MHz / QPSK



Date: 27 DEC 2016 16:20:17

Highest Channel / 5MHz / 16QAM

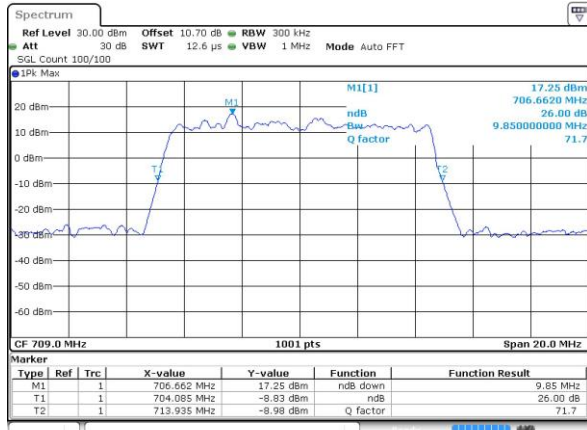


Date: 27 DEC 2016 16:20:28



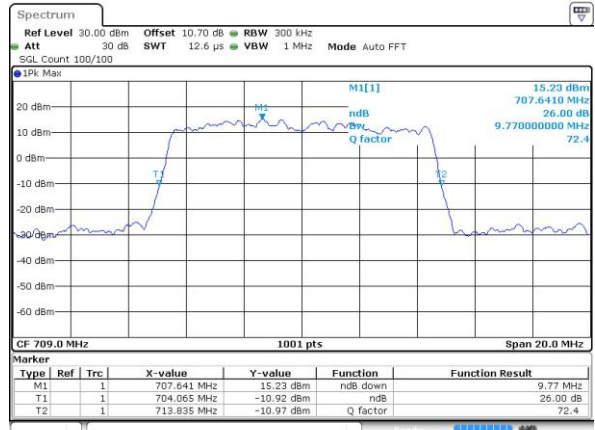
LTE Band 17

Lowest Channel / 10MHz / QPSK



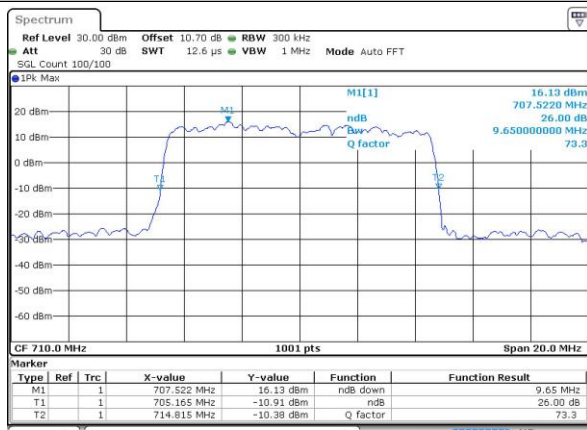
Date: 27 DEC 2016 16:27:24

Lowest Channel / 10MHz / 16QAM



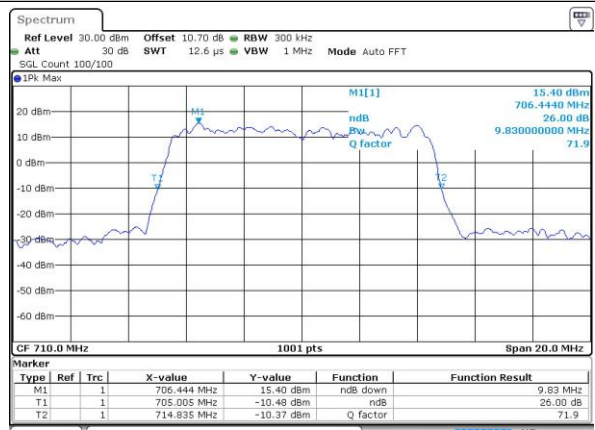
Date: 27 DEC 2016 16:27:34

Middle Channel / 10MHz / QPSK



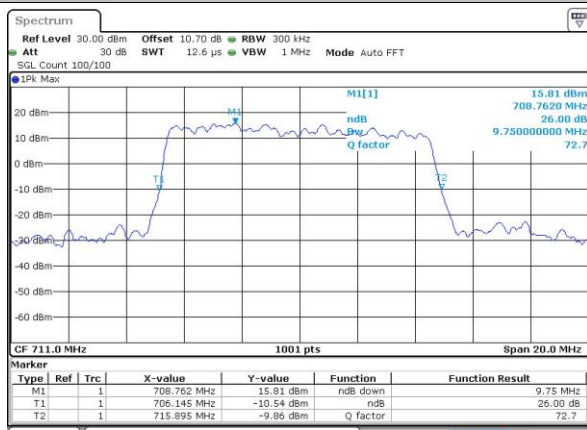
Date: 27 DEC 2016 16:34:30

Middle Channel / 10MHz / 16QAM



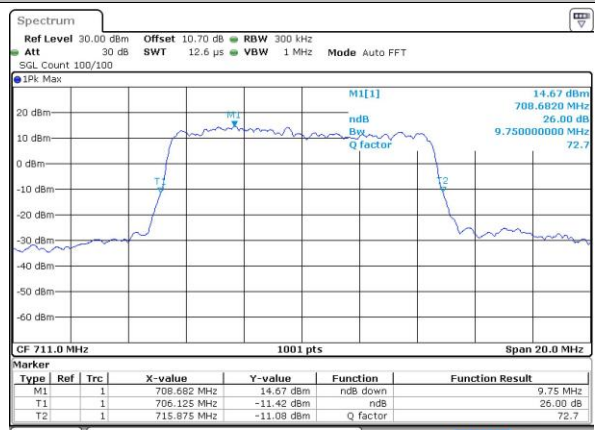
Date: 27 DEC 2016 16:34:40

Highest Channel / 10MHz / QPSK



Date: 27 DEC 2016 16:37:00

Highest Channel / 10MHz / 16QAM



Date: 27 DEC 2016 16:37:10



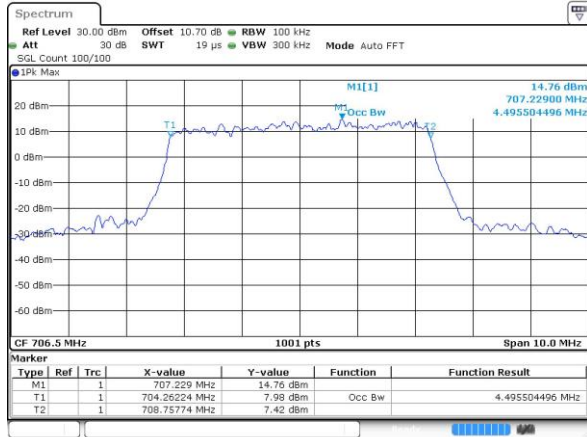
Occupied Bandwidth

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	4.51	9.03	8.97	-	-	-	-
Middle CH	-	-	-	-	4.5	4.49	9.03	9.03	-	-	-	-
Highest CH	-	-	-	-	4.51	4.52	8.99	9.07	-	-	-	-

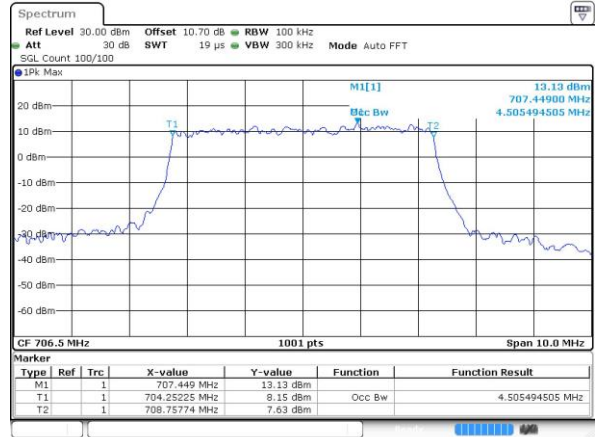


LTE Band 17

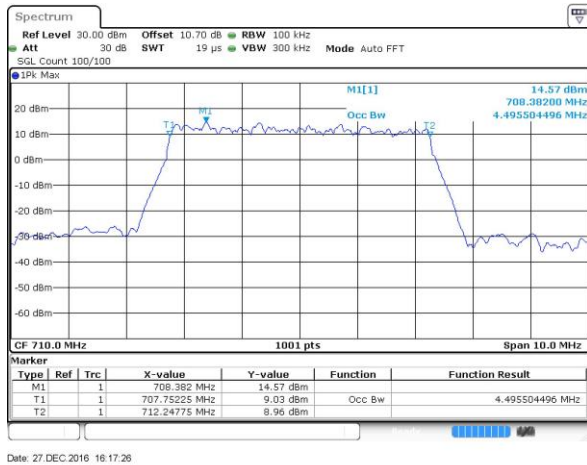
Lowest Channel / 5MHz / QPSK



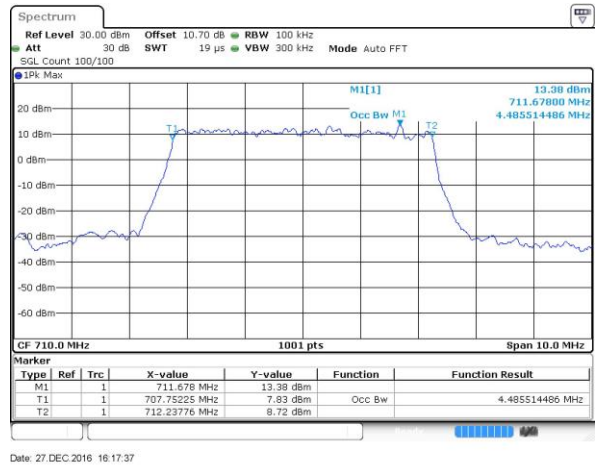
Lowest Channel / 5MHz / 16QAM



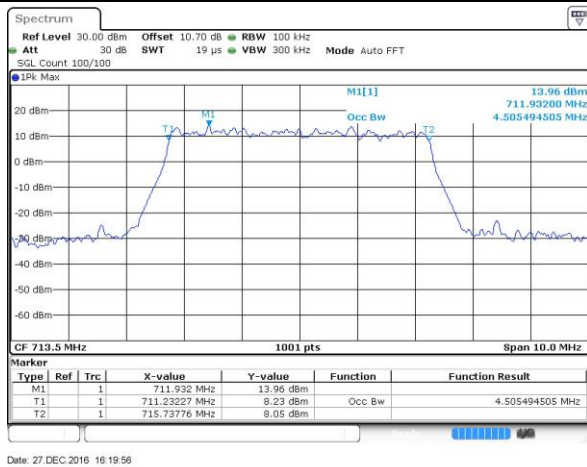
Middle Channel / 5MHz / QPSK



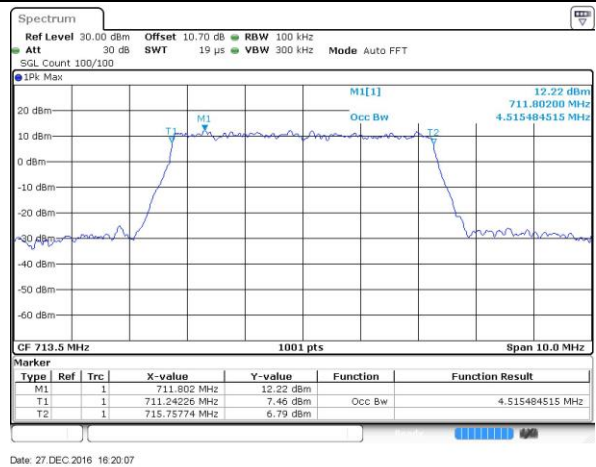
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



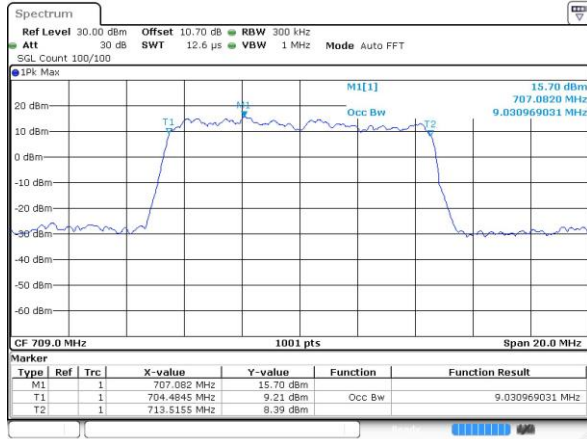
Highest Channel / 5MHz / 16QAM



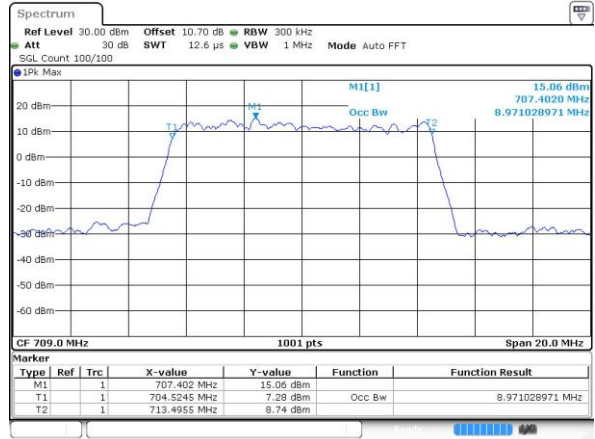


LTE Band 17

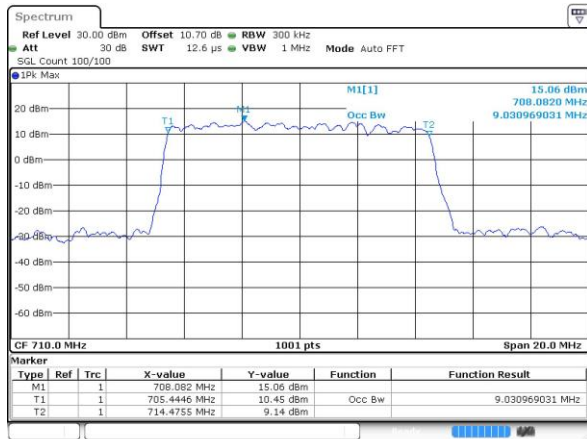
Lowest Channel / 10MHz / QPSK



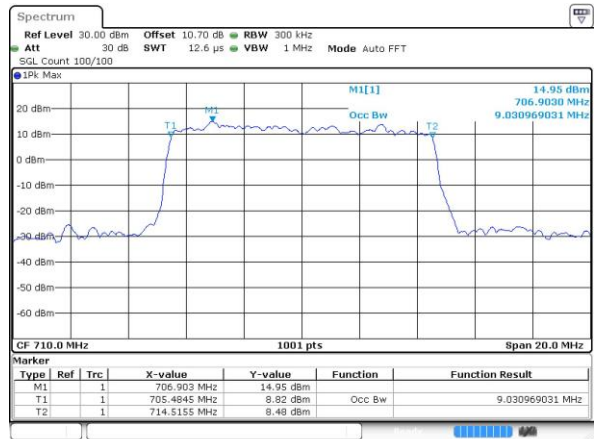
Lowest Channel / 10MHz / 16QAM



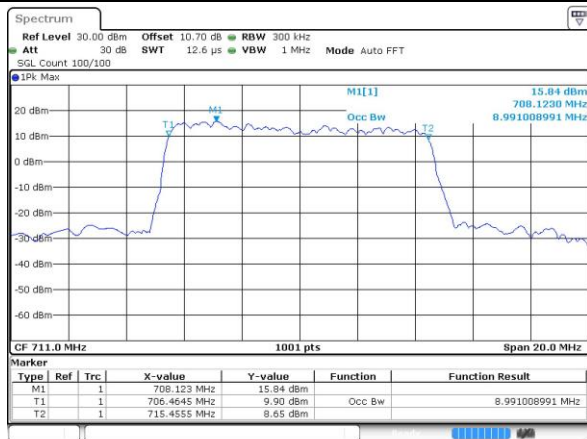
Middle Channel / 10MHz / QPSK



Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



Highest Channel / 10MHz / 16QAM



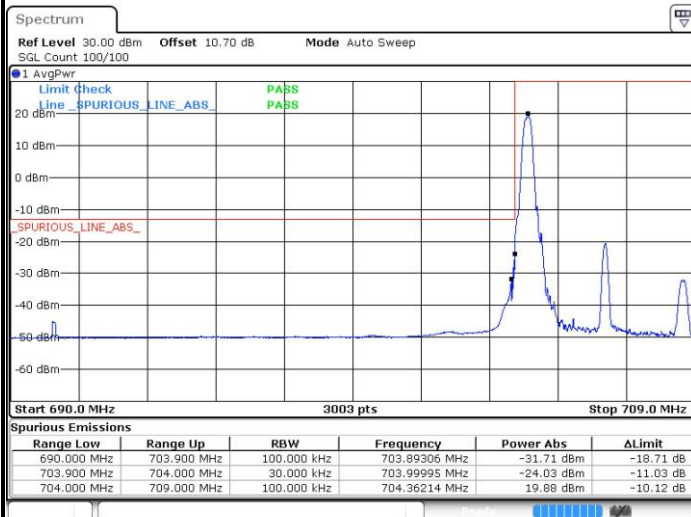


Conducted Band Edge

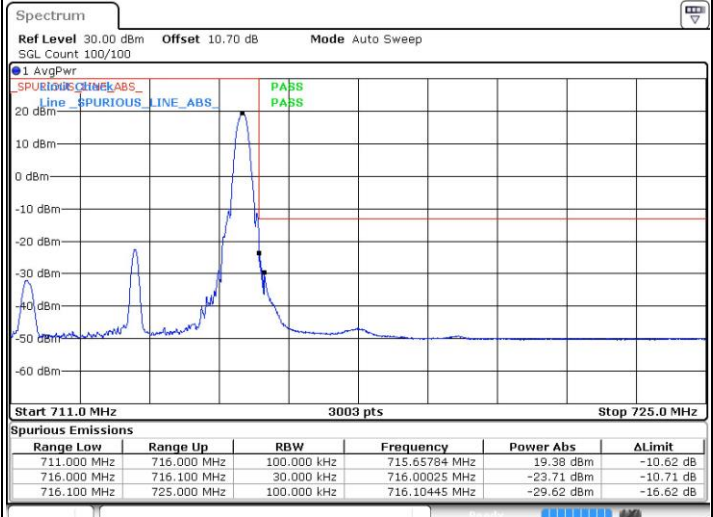


LTE Band 17 / 5MHz / QPSK

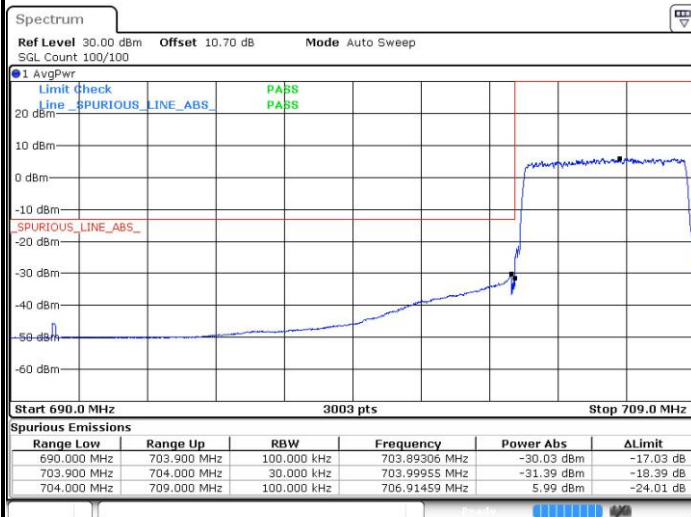
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



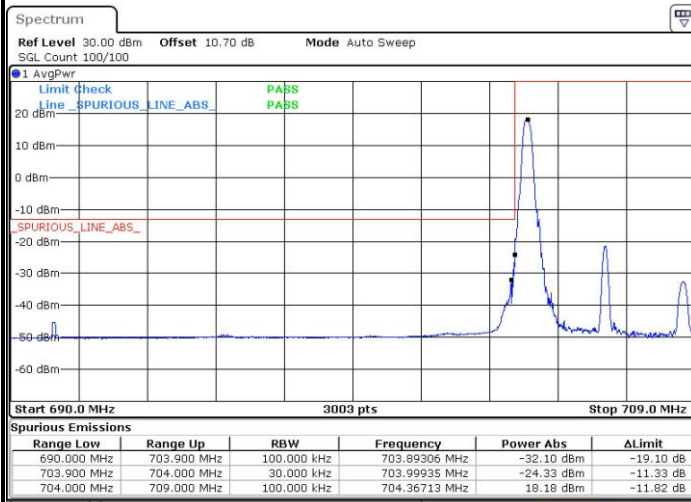
Highest Band Edge / Full RB



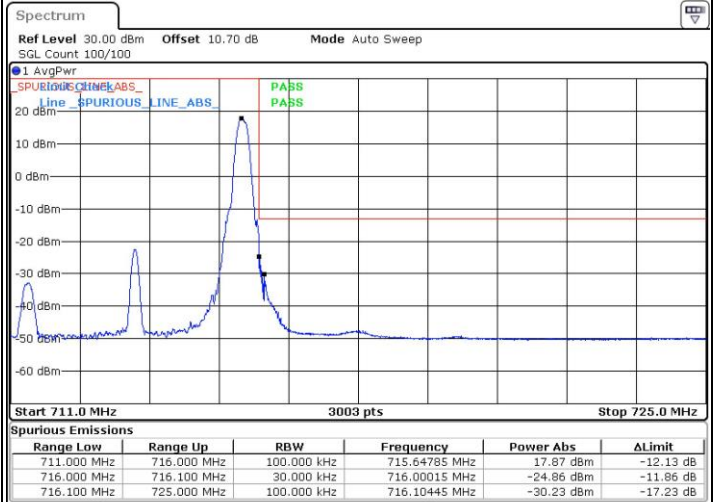


LTE Band 17 / 5MHz / 16QAM

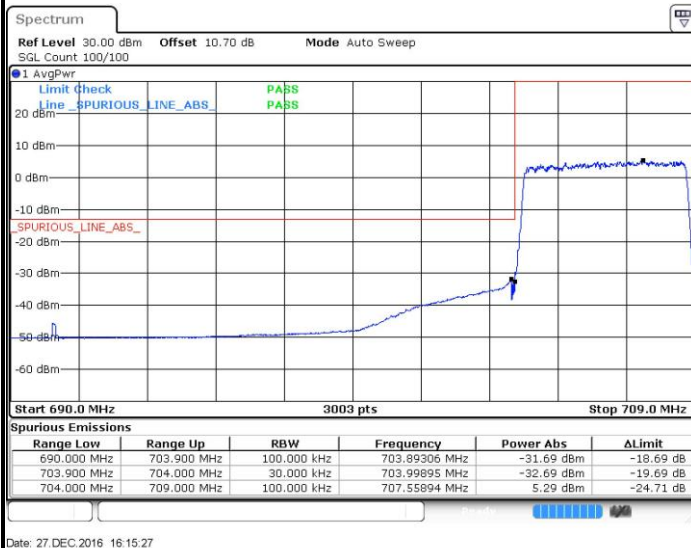
Lowest Band Edge / 1 RB



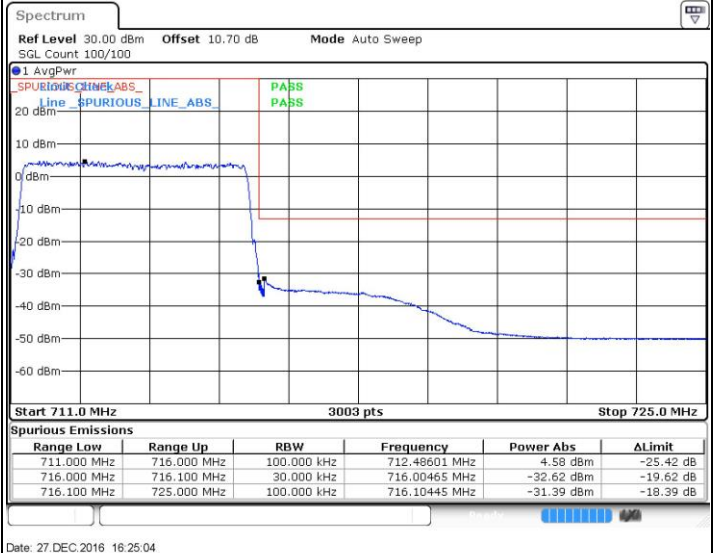
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



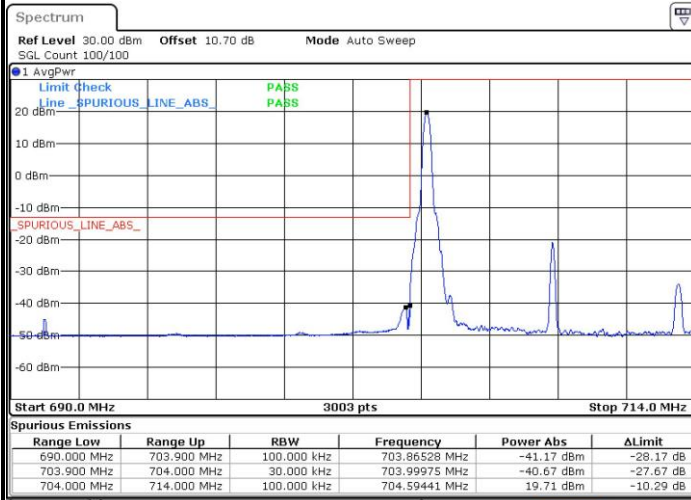
Highest Band Edge / Full RB



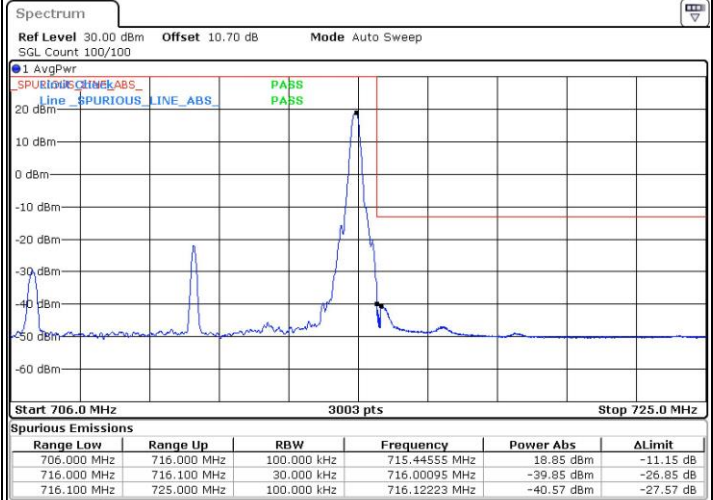


LTE Band 17 / 10MHz / QPSK

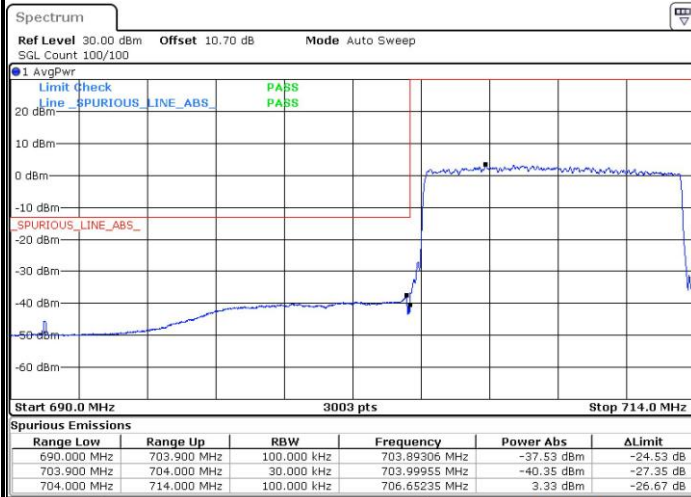
Lowest Band Edge / 1 RB



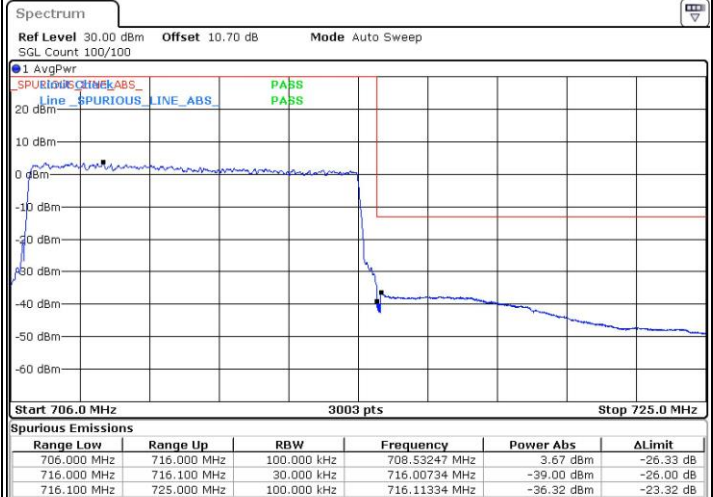
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



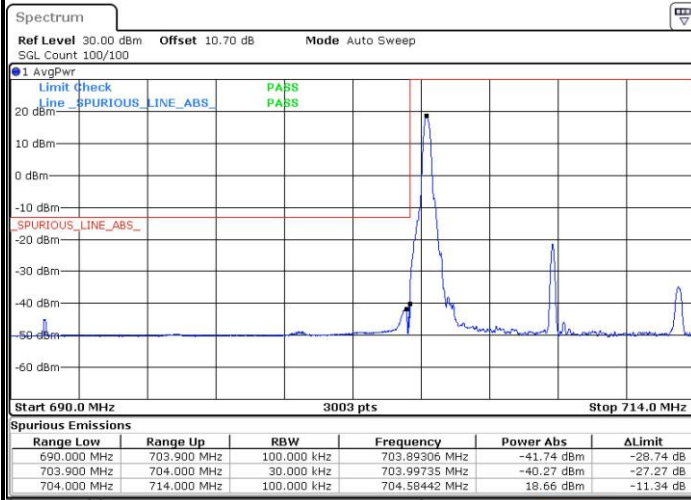
Highest Band Edge / Full RB



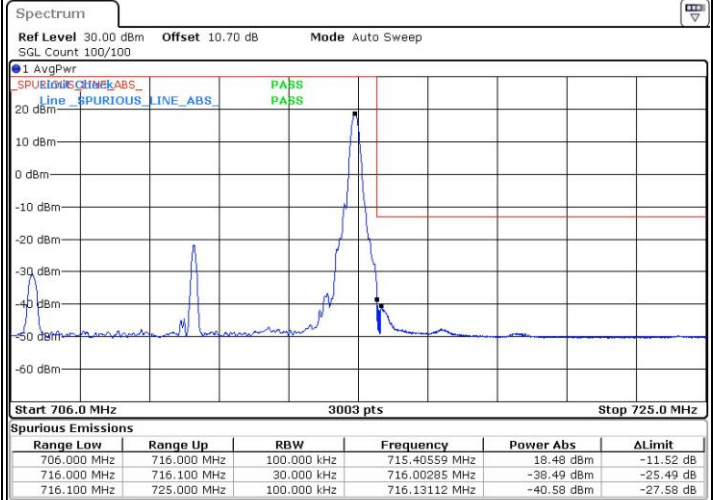


LTE Band 17 / 10MHz / 16QAM

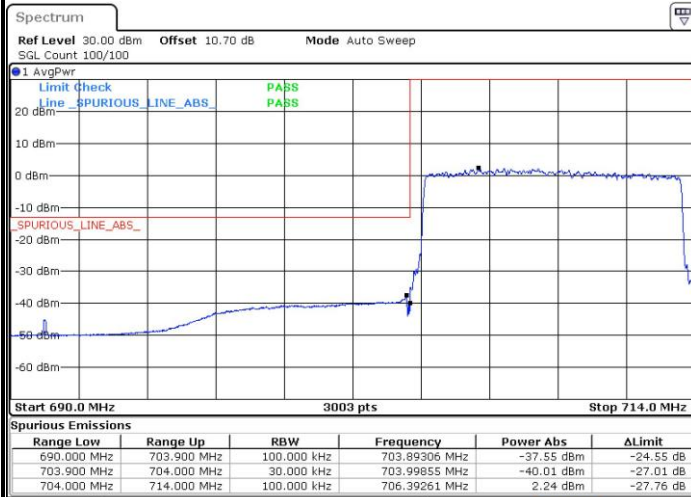
Lowest Band Edge / 1 RB



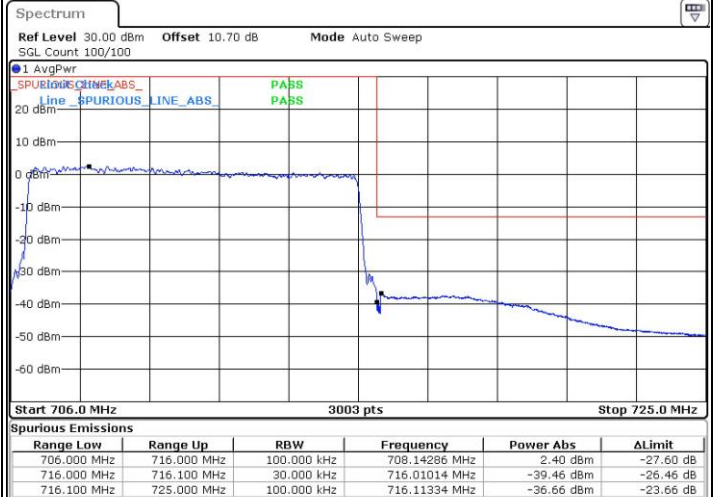
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB



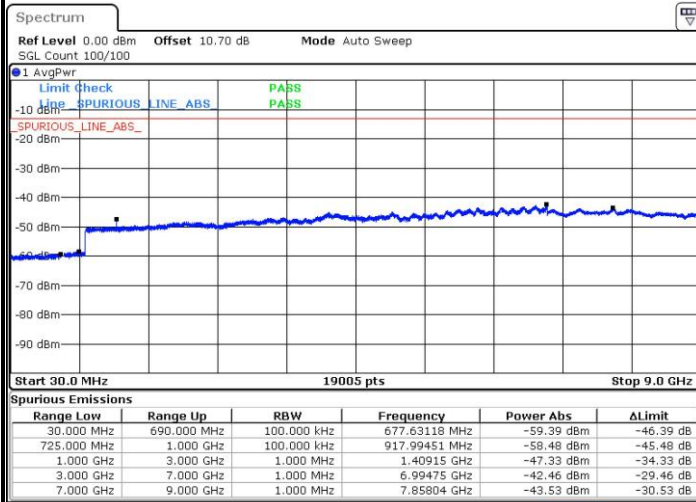


Conducted Spurious Emission



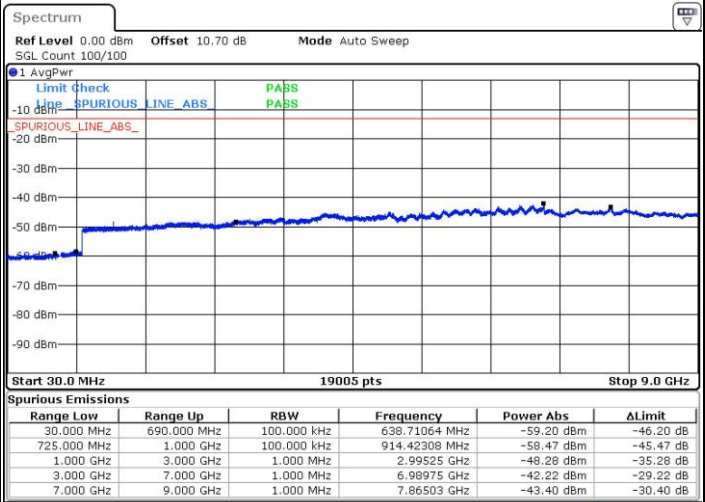
LTE Band 17 / 5MHz

Lowest Channel / QPSK



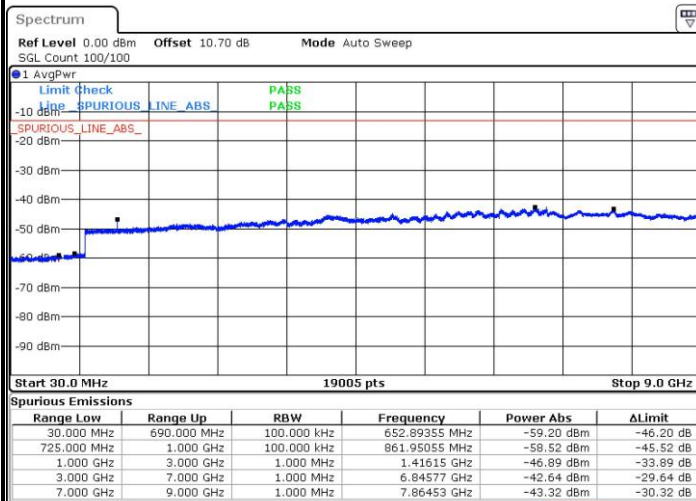
Date: 27 DEC 2016 16:16:22

Lowest Channel / 16QAM



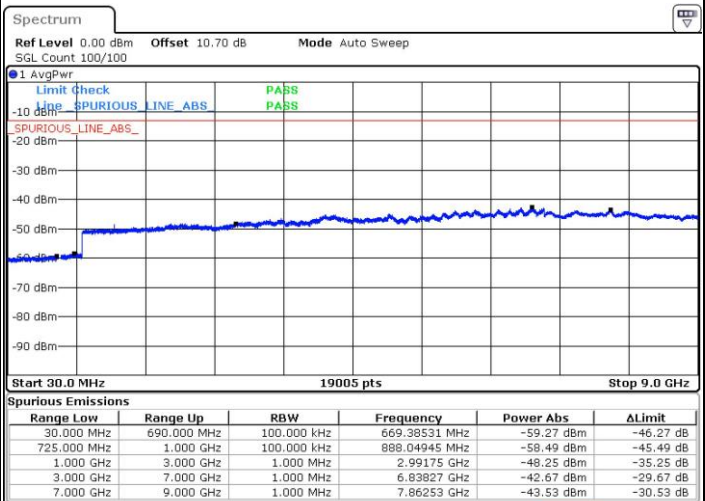
Date: 27 DEC 2016 16:17:16

Middle Channel / QPSK



Date: 27 DEC 2016 16:18:52

Middle Channel / 16QAM

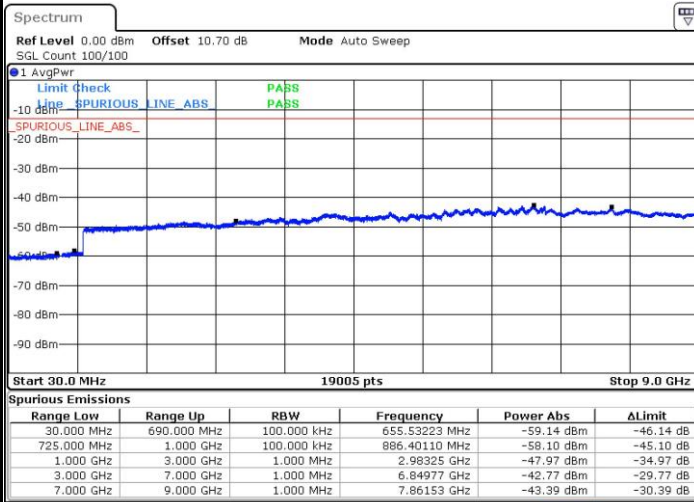


Date: 27 DEC 2016 16:19:46



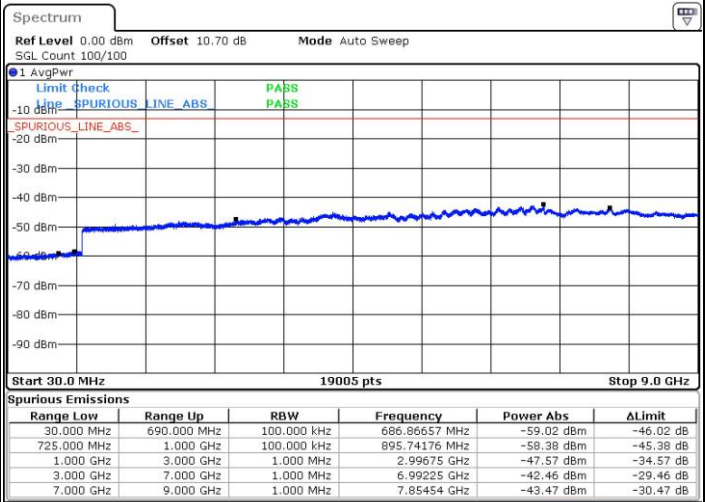
LTE Band 17 / 5MHz

Highest Channel / QPSK



Date: 27 DEC 2016 16:25:58

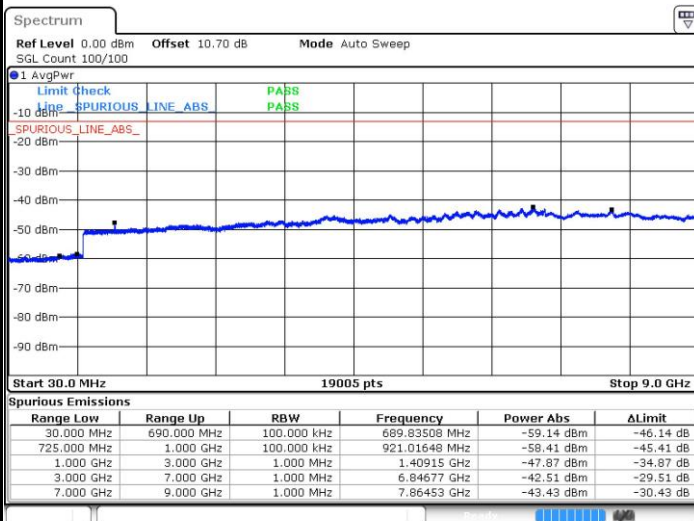
Highest Channel / 16QAM



Date: 27 DEC 2016 16:26:52

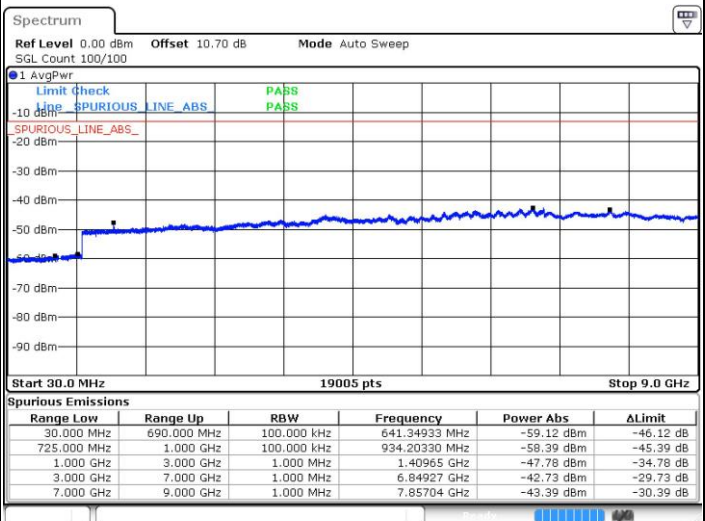
LTE Band 17 / 10MHz

Lowest Channel / QPSK



Date: 27 DEC 2016 16:33:05

Lowest Channel / 16QAM

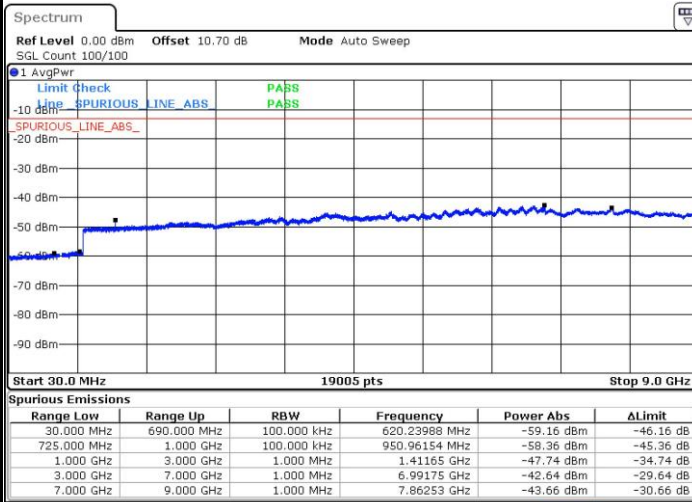


Date: 27 DEC 2016 16:33:59



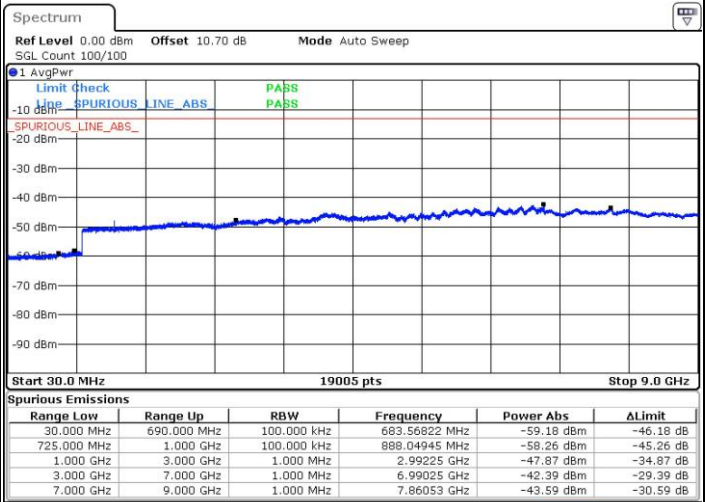
LTE Band 17 / 10MHz

Middle Channel / QPSK



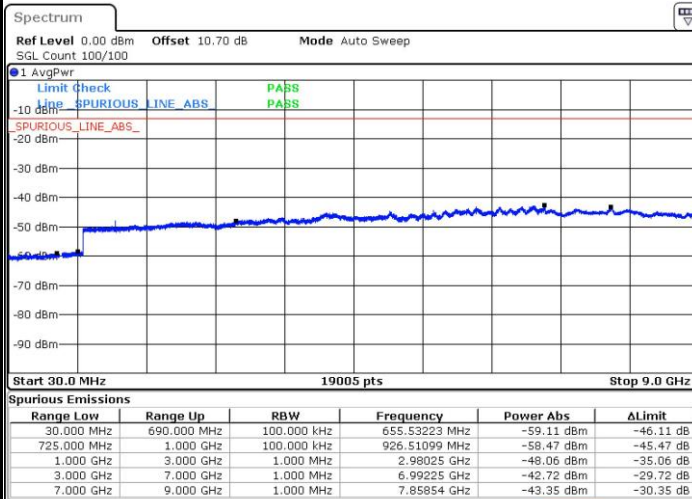
Date: 27 DEC 2016 16:35:35

Middle Channel / 16QAM



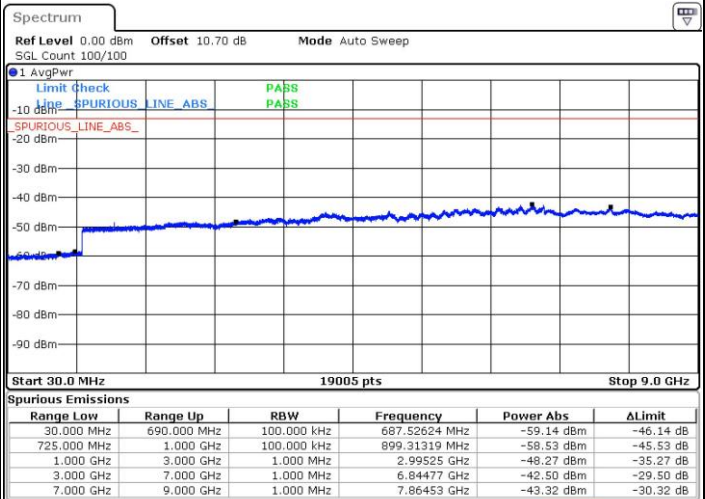
Date: 27 DEC 2016 16:36:29

Highest Channel / QPSK



Date: 27 DEC 2016 16:42:41

Highest Channel / 16QAM



Date: 27 DEC 2016 16:43:35

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	0.0004	PASS
40	Normal Voltage	0.0123	
30	Normal Voltage	0.0001	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0097	
0	Normal Voltage	0.0107	
-10	Normal Voltage	0.0120	
-20	Normal Voltage	0.0003	
-30	Normal Voltage	0.0010	
20	Maximum Voltage	0.0007	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0015	

Note:

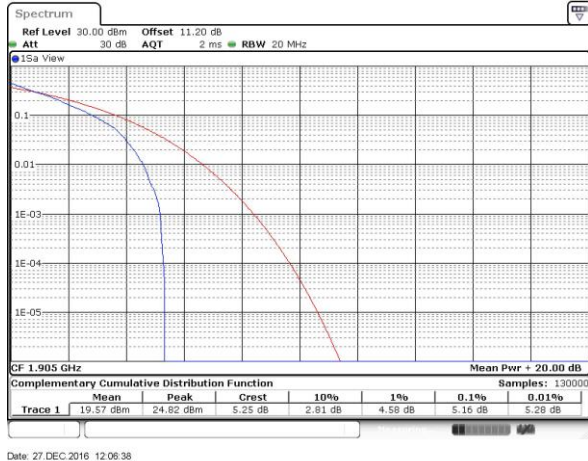
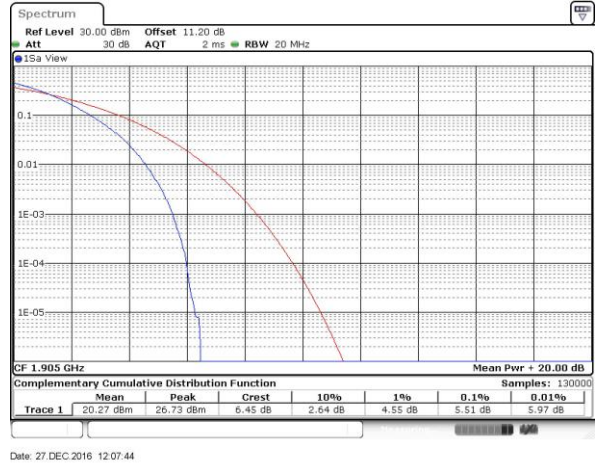
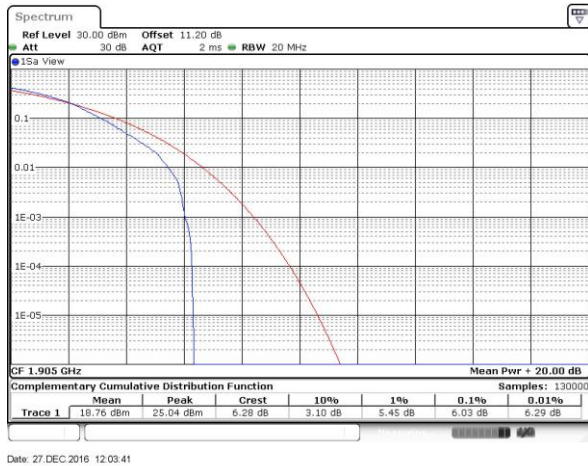
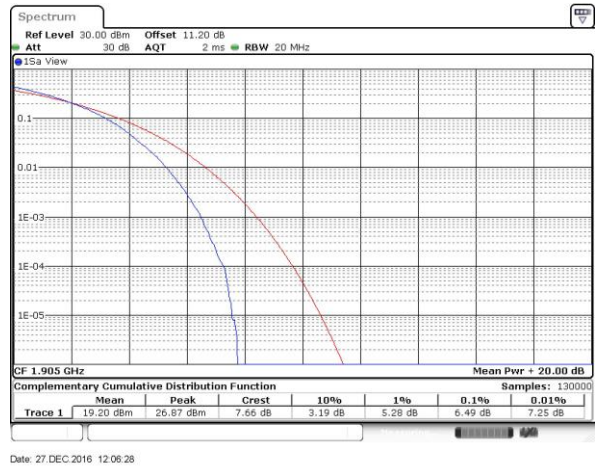
1. Normal Voltage =24.0 V. ; Battery End Point (BEP) =12.0 V. ; Maximum Voltage =48.0 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



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	5.16	5.51	6.03	6.49	

LTE Band 25 / 20MHz / QPSK
Highest Channel / 1RB

Highest Channel / Full RB

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

Highest Channel / Full RB




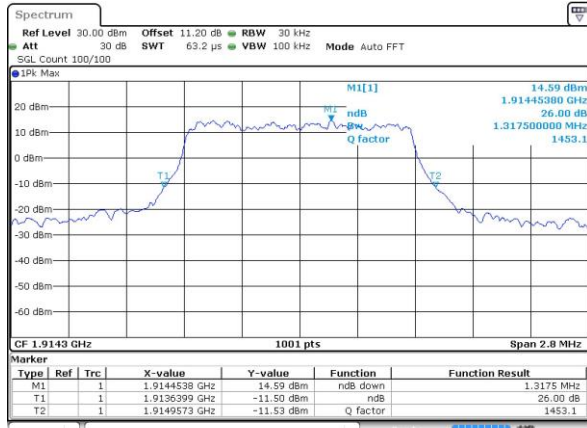
26dB Bandwidth

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	1.32	1.28	3.00	3.14	4.98	4.95	9.85	9.87	14.48	14.12	20.22	20.14



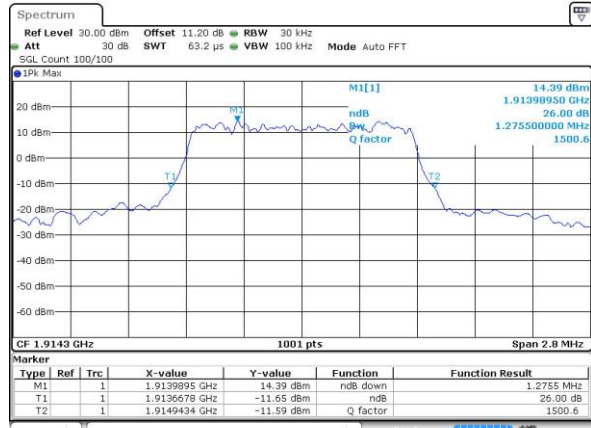
LTE Band 25

Highest Channel / 1.4MHz / QPSK



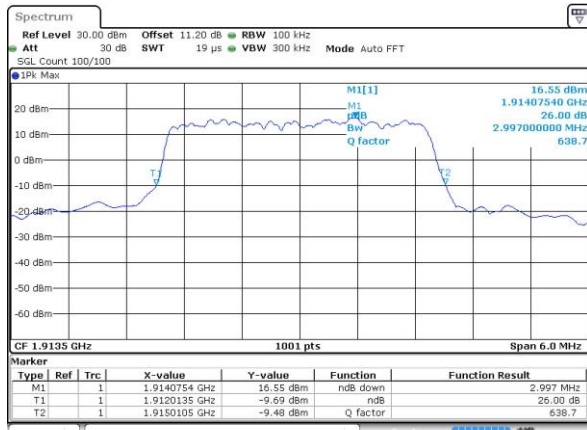
Date: 27 DEC 2016 11:54:22

Highest Channel / 1.4MHz / 16QAM



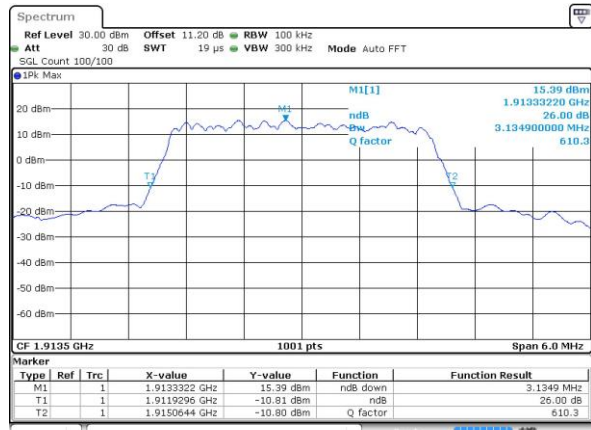
Date: 27 DEC 2016 11:54:12

Highest Channel / 3MHz / QPSK



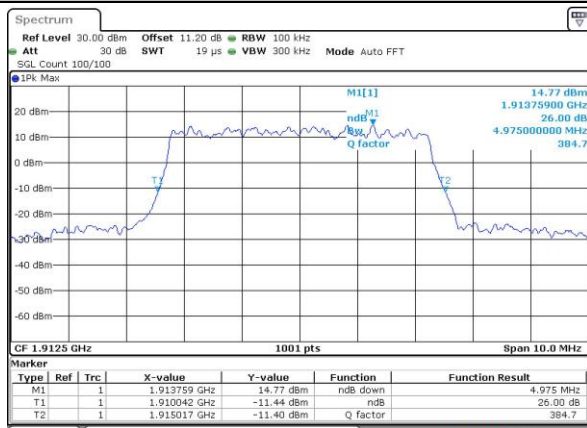
Date: 27 DEC 2016 11:18:45

Highest Channel / 3MHz / 16QAM



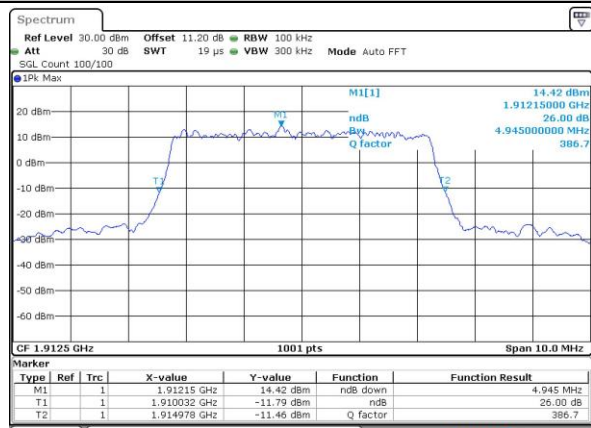
Date: 27 DEC 2016 11:18:35

Highest Channel / 5MHz / QPSK



Date: 27 DEC 2016 11:25:52

Highest Channel / 5MHz / 16QAM

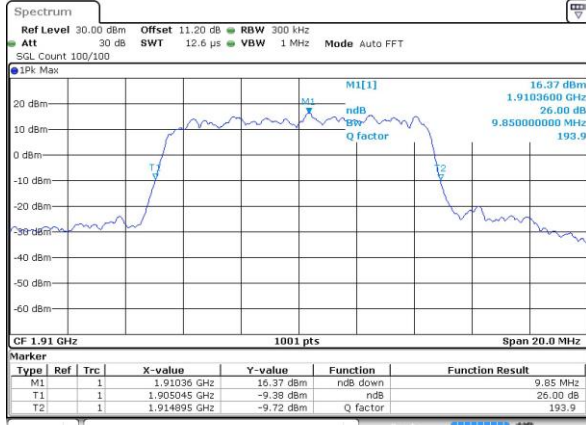


Date: 27 DEC 2016 11:25:42

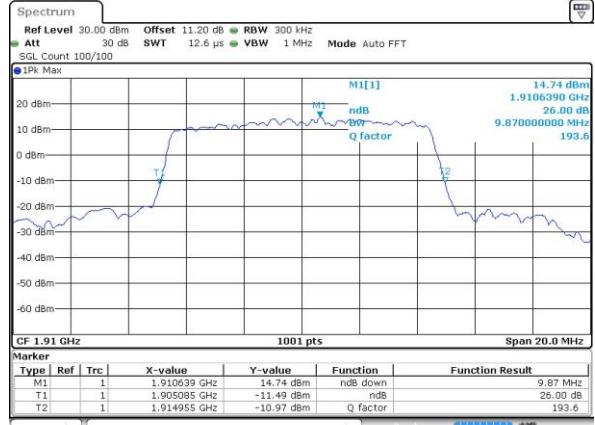


LTE Band 25

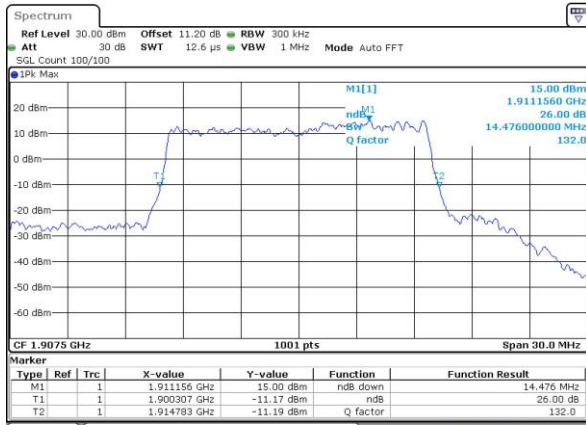
Highest Channel / 10MHz / QPSK



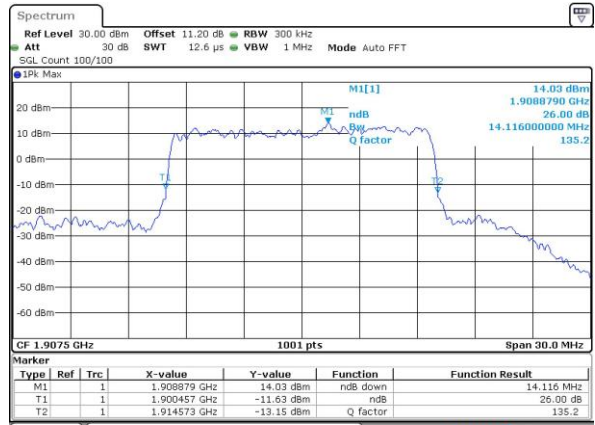
Highest Channel / 10MHz / 16QAM



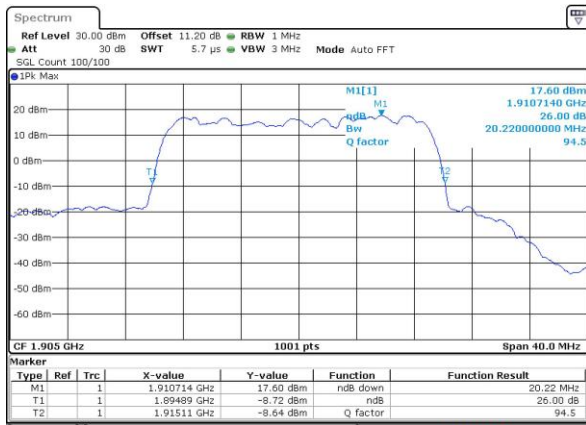
Highest Channel / 15MHz / QPSK



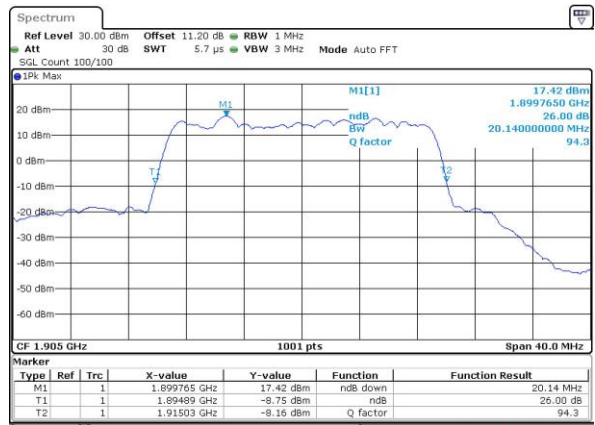
Highest Channel / 15MHz / 16QAM



Highest Channel / 20MHz / QPSK



Highest Channel / 20MHz / 16QAM





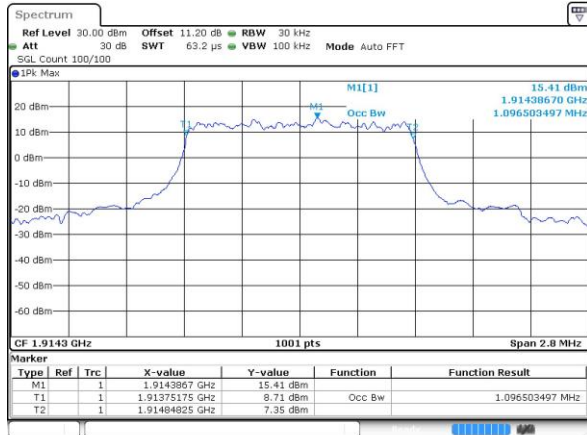
Occupied Bandwidth

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	1.1	1.09	2.73	2.7	4.48	4.47	9.01	8.99	13.43	13.43	18.38	18.42



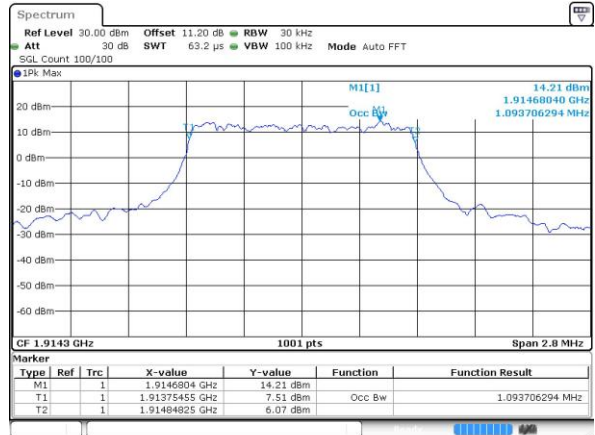
LTE Band 25

Highest Channel / 1.4MHz / QPSK



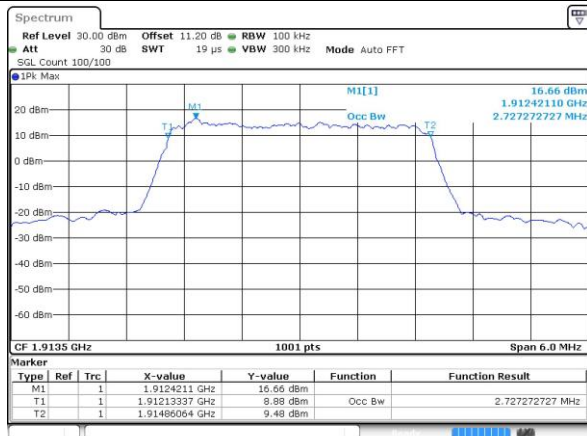
Date: 27 DEC 2016 11:53:51

Highest Channel / 1.4MHz / 16QAM



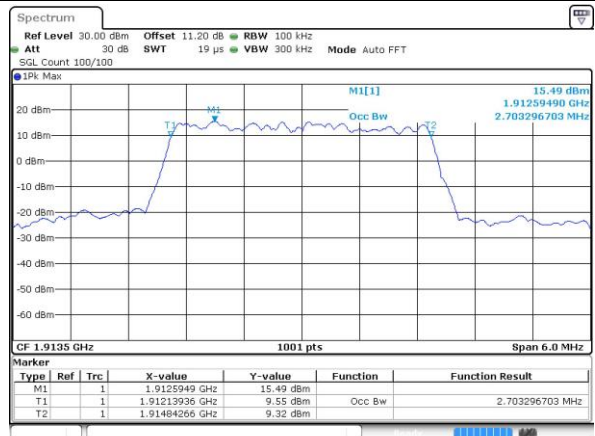
Date: 27 DEC 2016 11:54:01

Highest Channel / 3MHz / QPSK



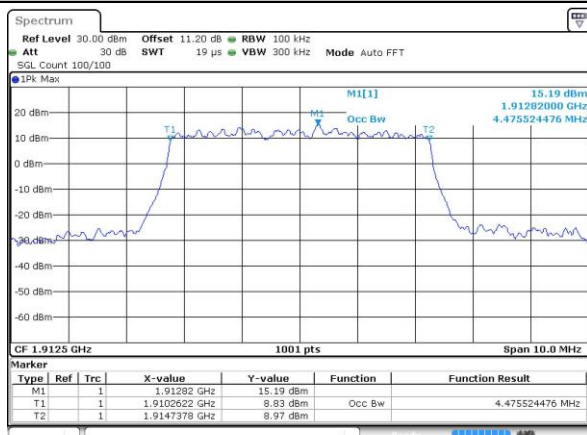
Date: 27 DEC 2016 11:18:14

Highest Channel / 3MHz / 16QAM



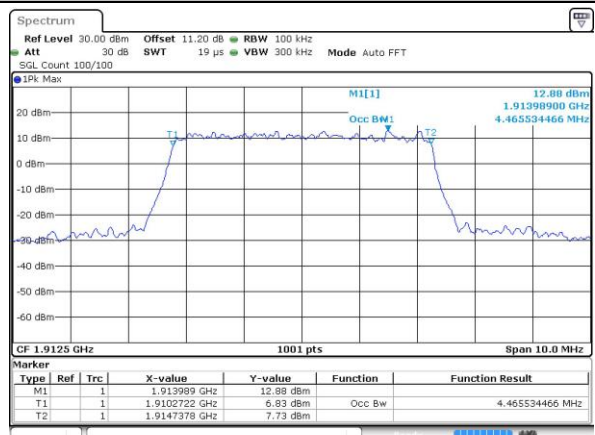
Date: 27 DEC 2016 11:18:25

Highest Channel / 5MHz / QPSK



Date: 27 DEC 2016 11:25:21

Highest Channel / 5MHz / 16QAM

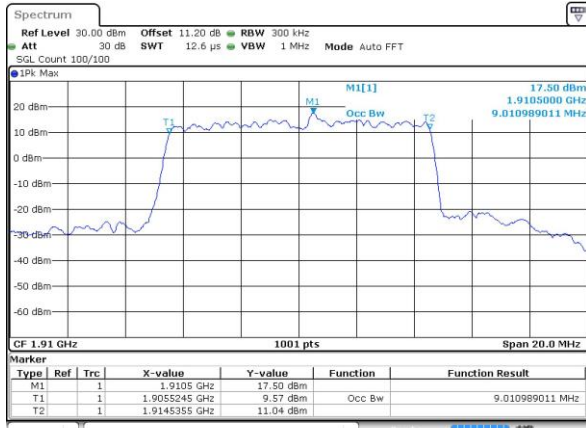


Date: 27 DEC 2016 11:25:32

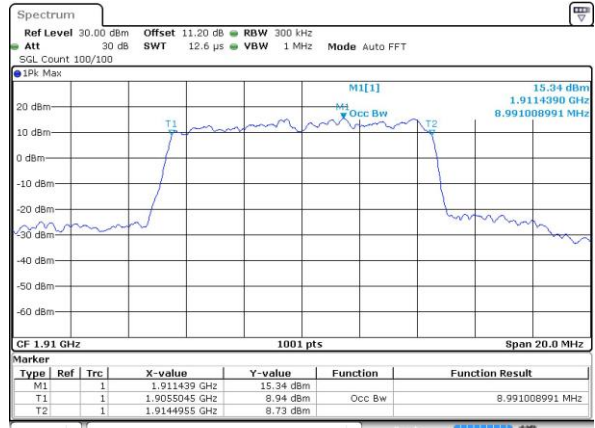


LTE Band 25

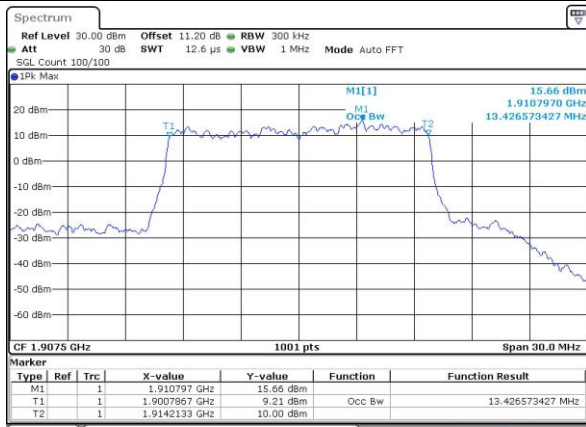
Highest Channel / 10MHz / QPSK



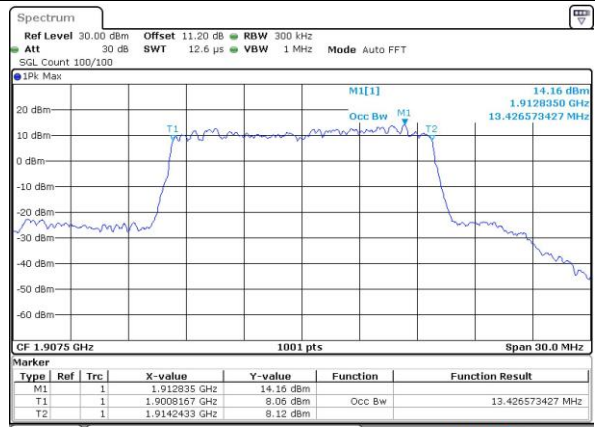
Highest Channel / 10MHz / 16QAM



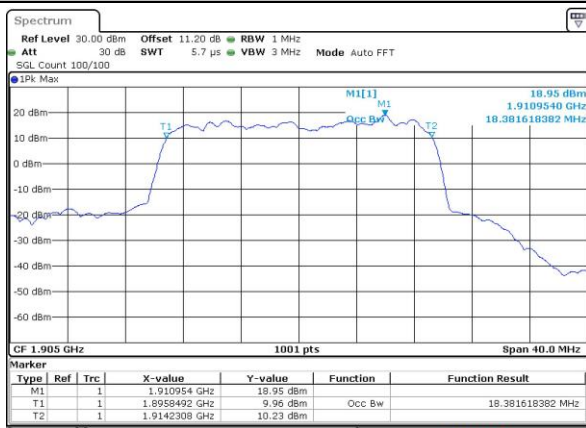
Highest Channel / 15MHz / QPSK



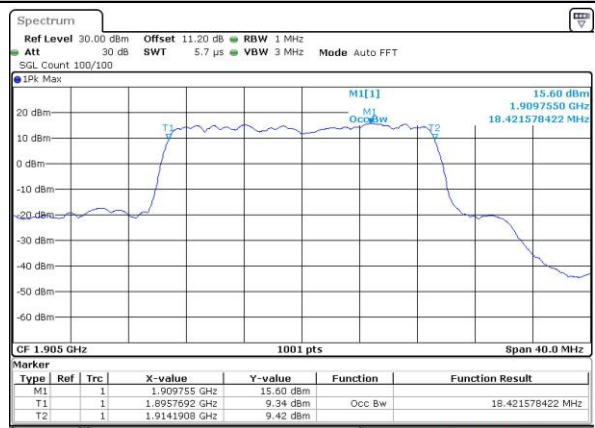
Highest Channel / 15MHz / 16QAM



Highest Channel / 20MHz / QPSK



Highest Channel / 20MHz / 16QAM



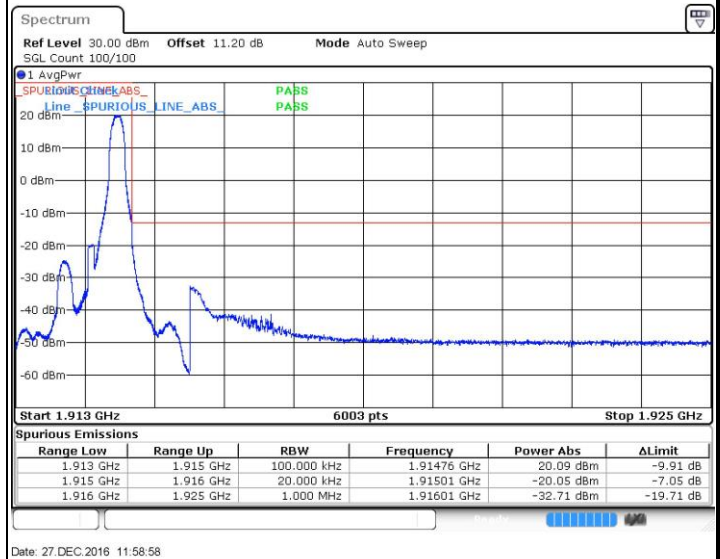


Conducted Band Edge



LTE Band 25 / 1.4MHz / QPSK

Highest Band Edge / 1RB



Highest Band Edge / Full RB

