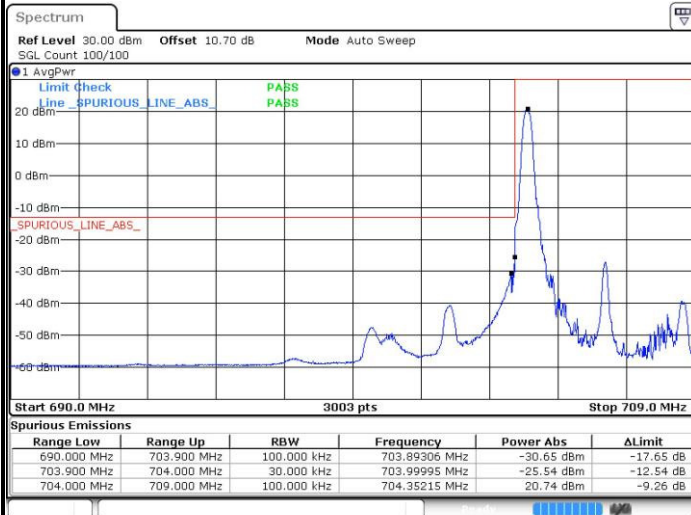


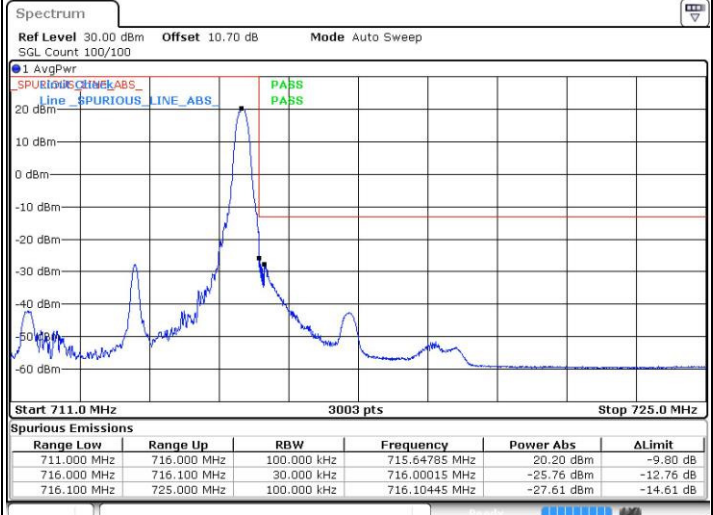


LTE Band 17 / 5MHz / 16QAM

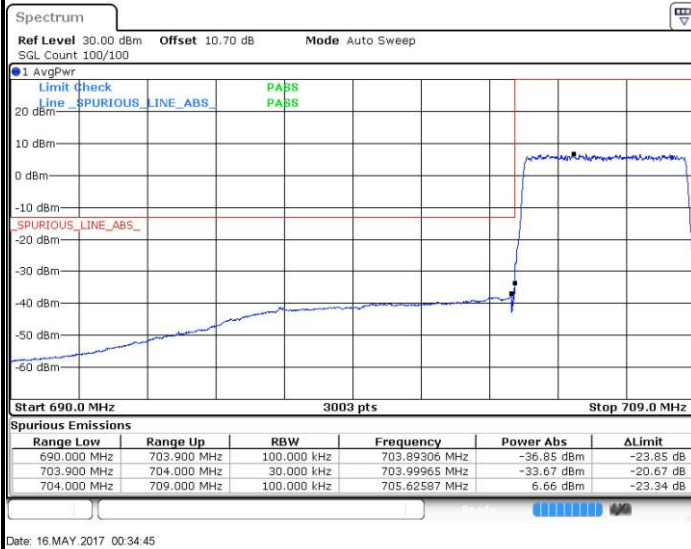
Lowest Band Edge / 1 RB



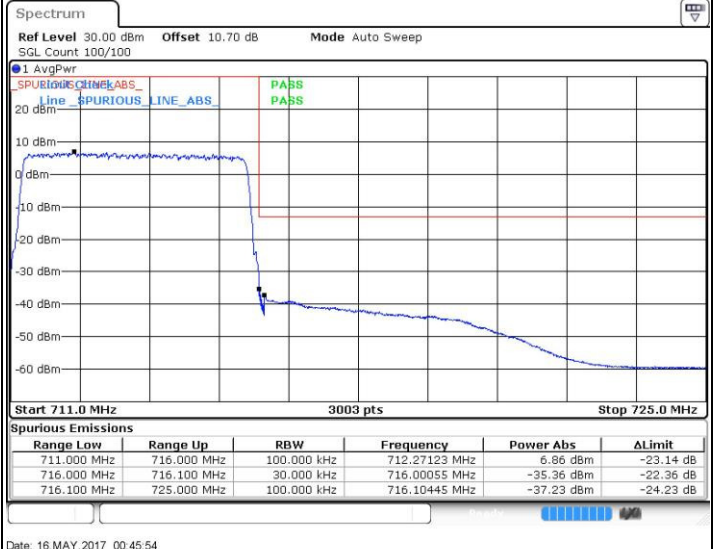
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



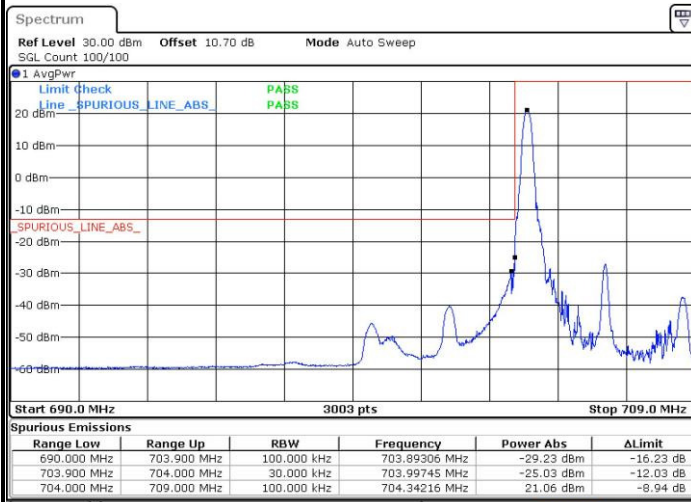
Highest Band Edge / Full RB



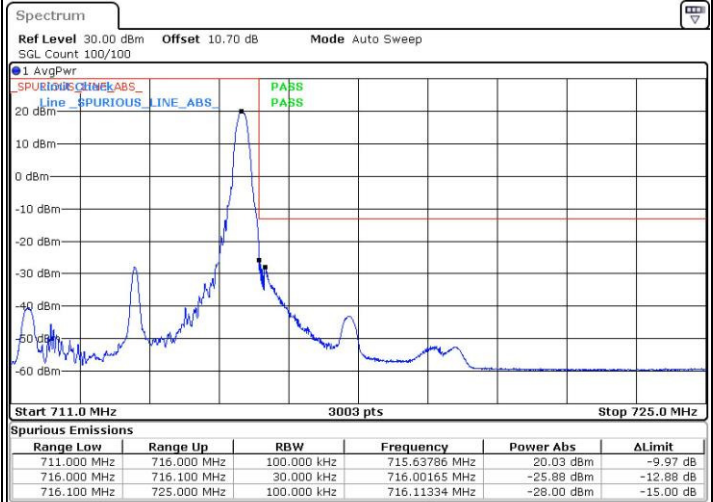


LTE Band 17 / 5MHz / 64QAM

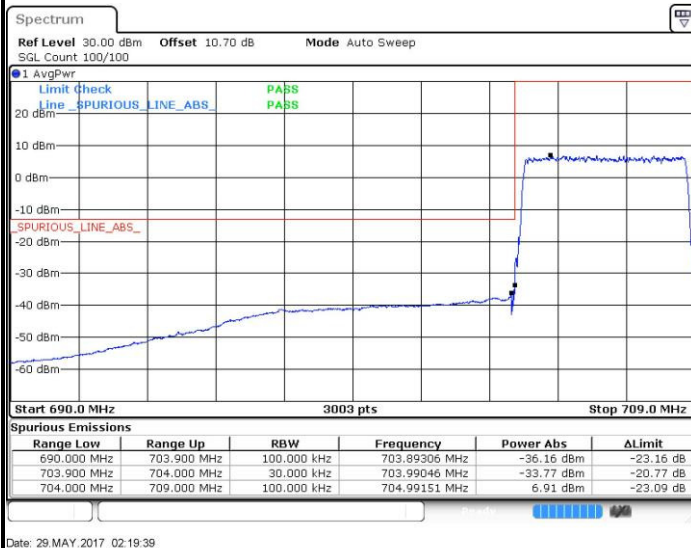
Lowest Band Edge / 1 RB



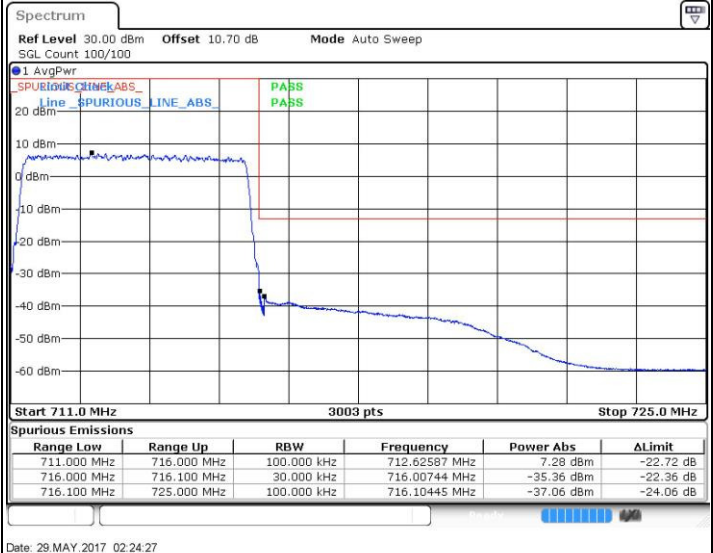
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



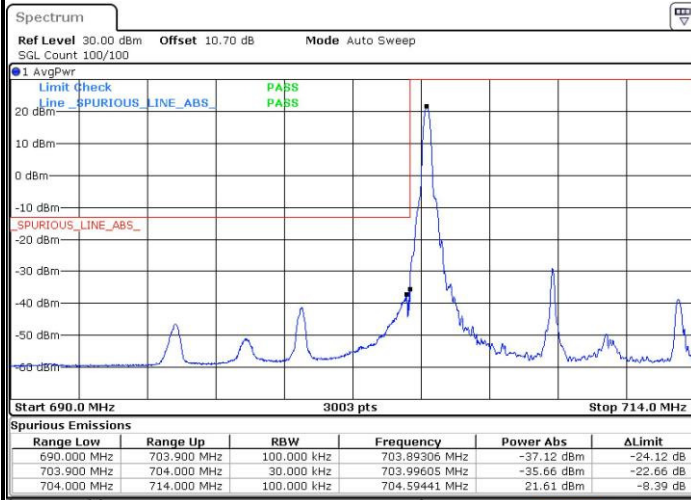
Highest Band Edge / Full RB



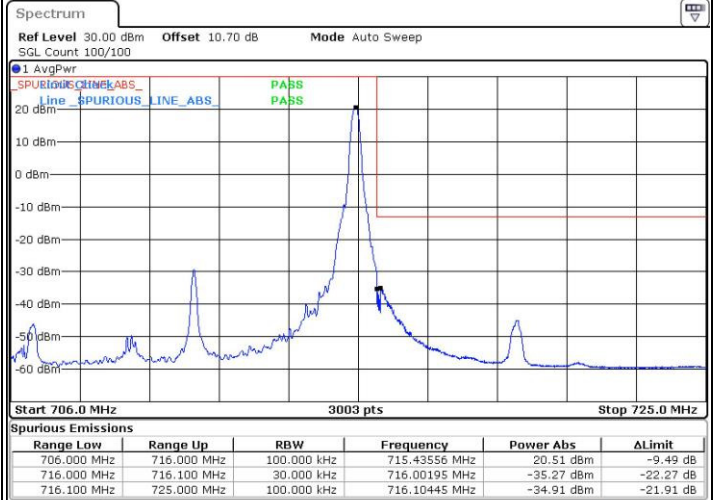


LTE Band 17 / 10MHz / QPSK

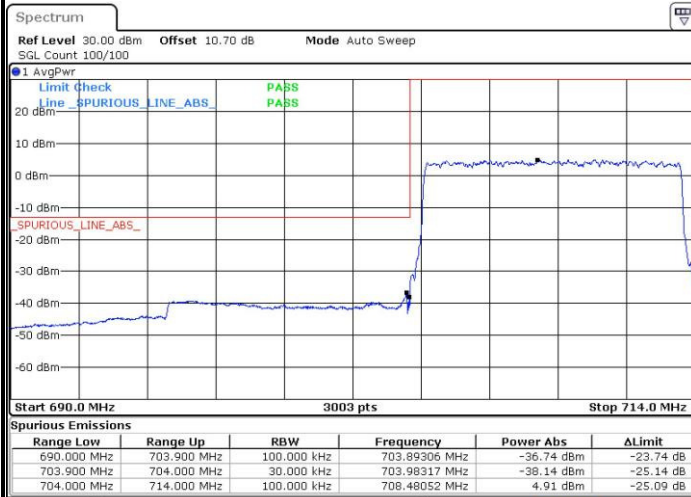
Lowest Band Edge / 1 RB



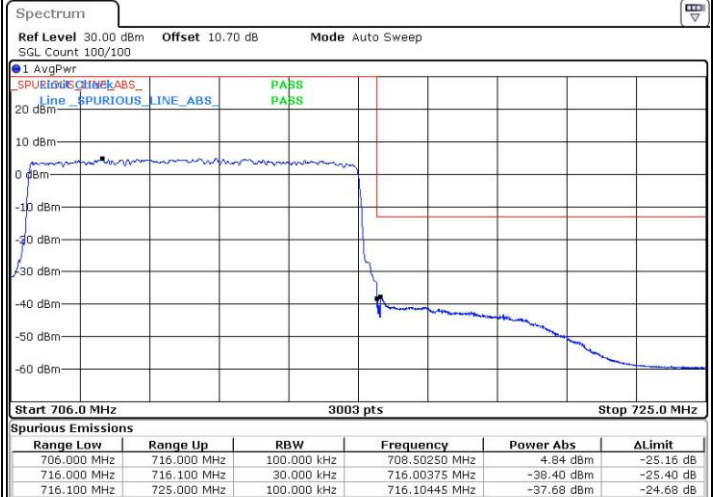
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



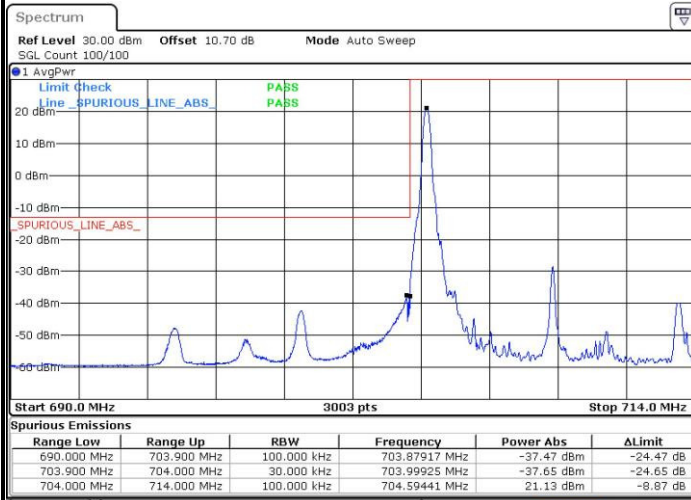
Highest Band Edge / Full RB



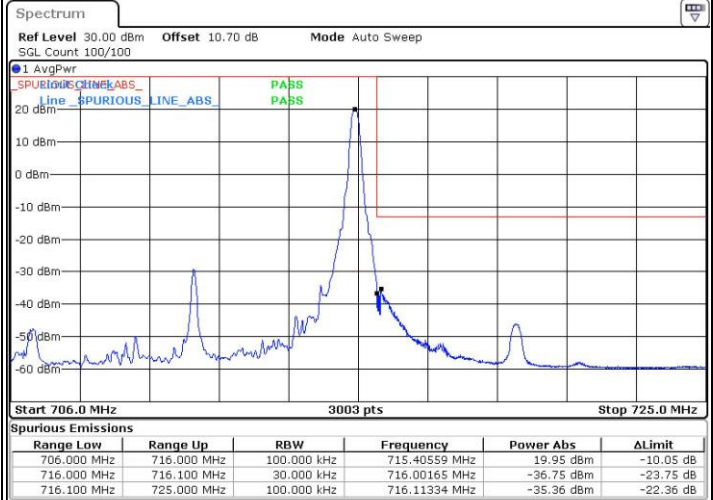


LTE Band 17 / 10MHz / 16QAM

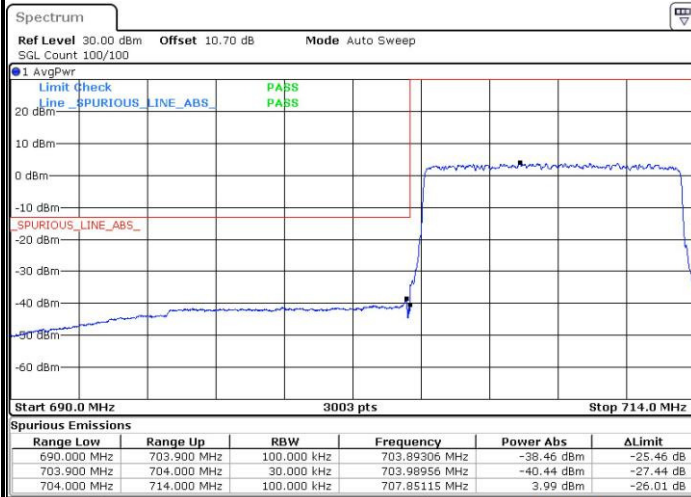
Lowest Band Edge / 1 RB



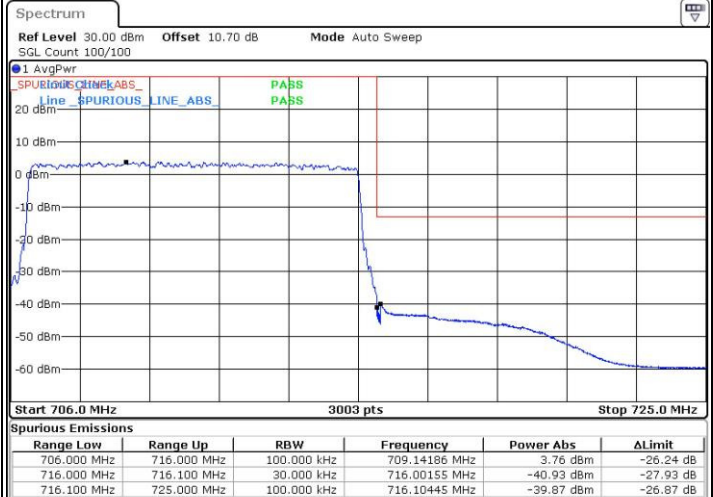
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



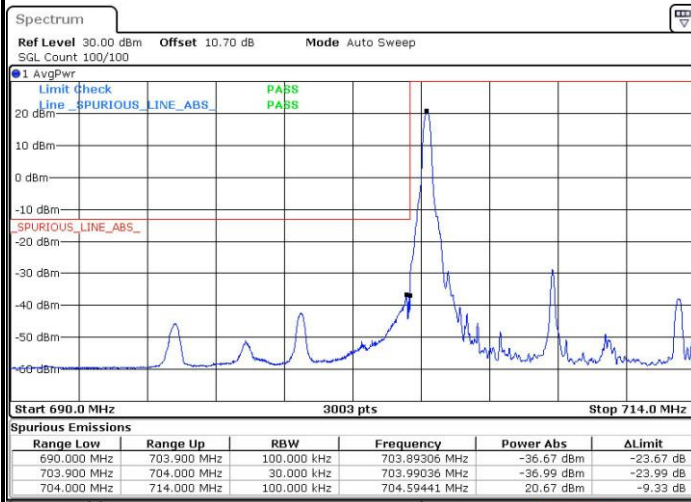
Highest Band Edge / Full RB



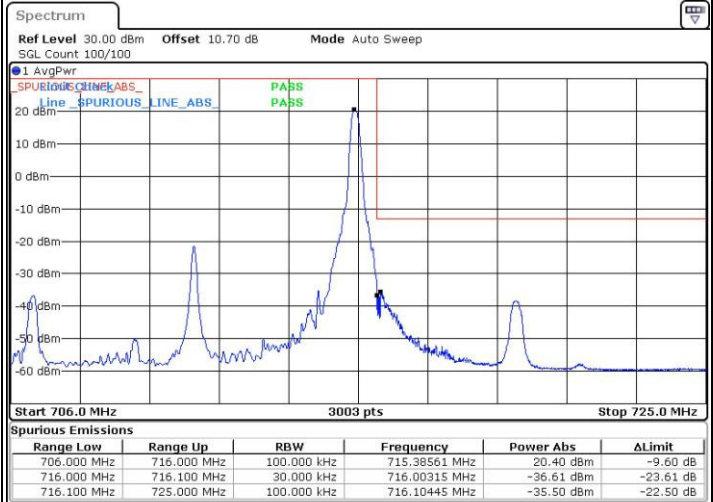


LTE Band 17 / 10MHz / 64QAM

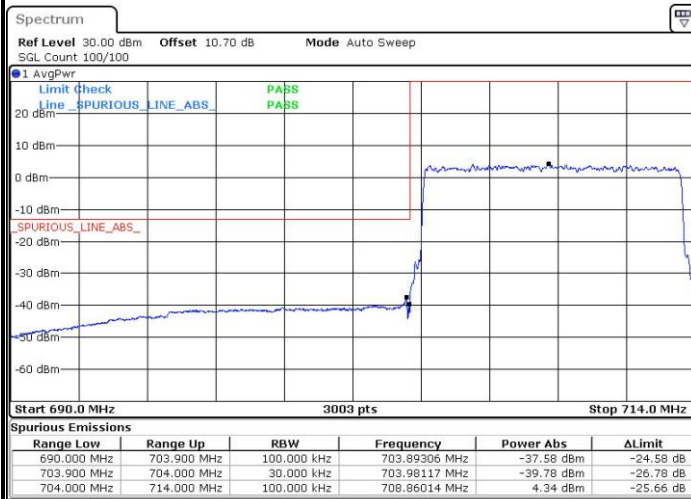
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

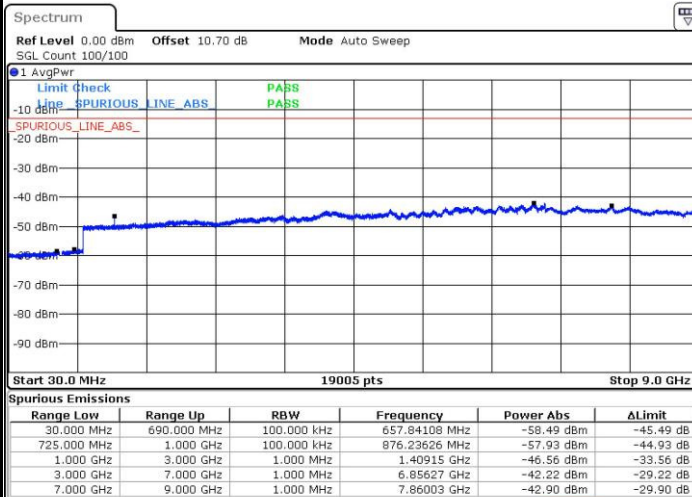




Conducted Spurious Emission

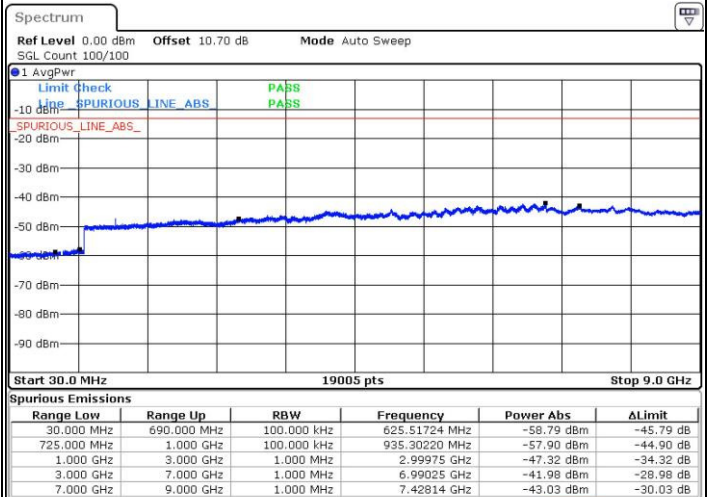
LTE Band 17 / 5MHz

Lowest Channel / QPSK



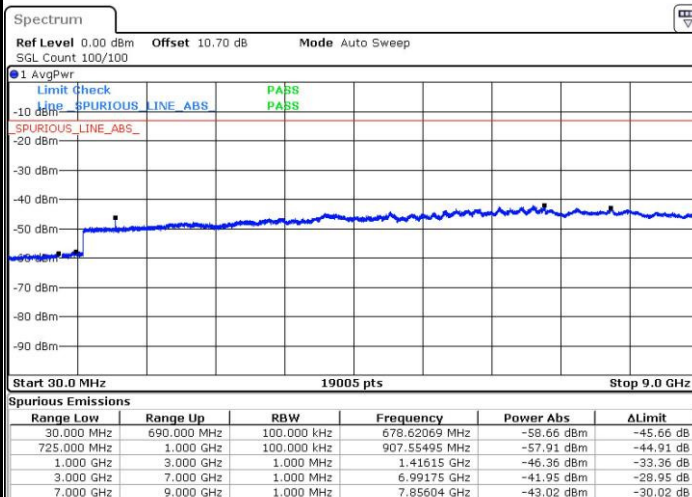
Date: 16 MAY 2017 00:35:40

Lowest Channel / 16QAM



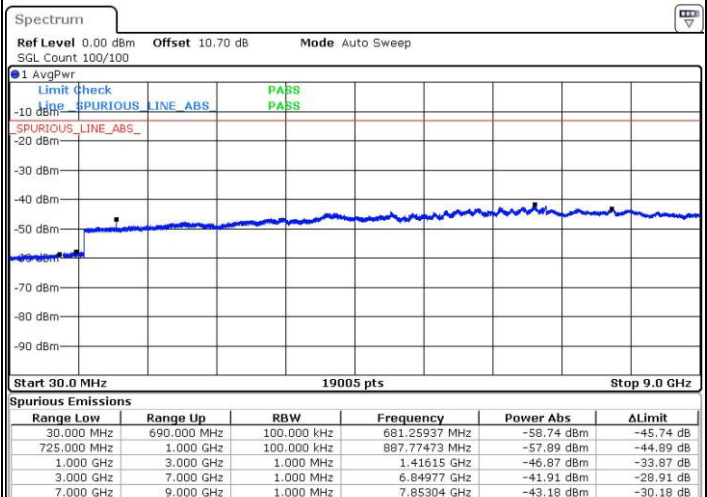
Date: 16 MAY 2017 00:36:34

Middle Channel / QPSK



Date: 16 MAY 2017 00:39:42

Middle Channel / 16QAM

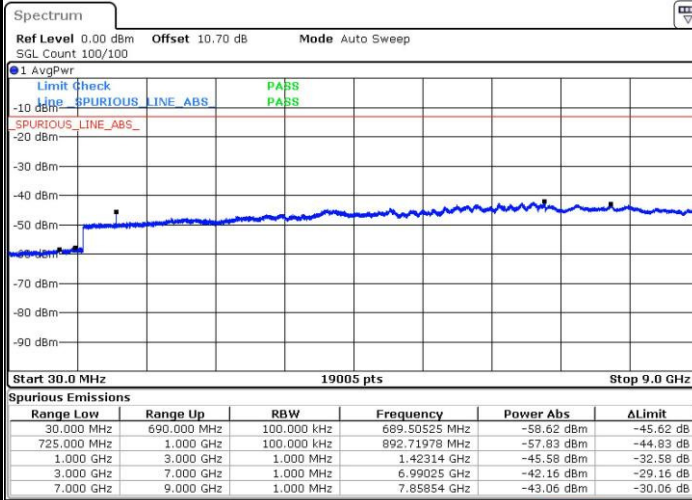


Date: 16 MAY 2017 00:40:36



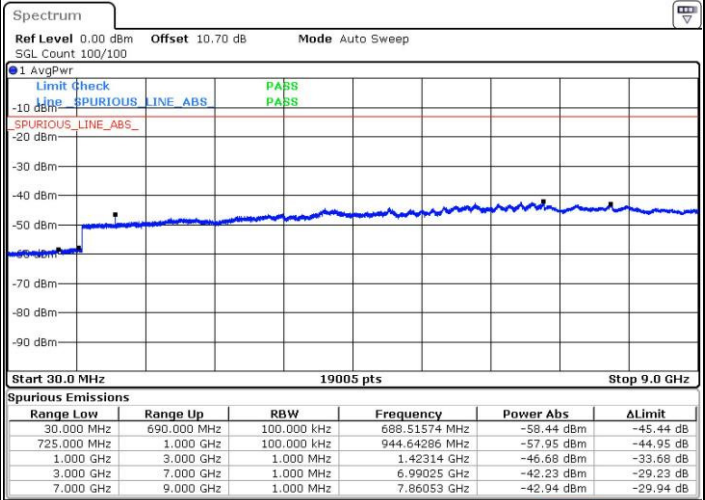
LTE Band 17 / 5MHz

Highest Channel / QPSK



Date: 16 MAY 2017 00:46:48

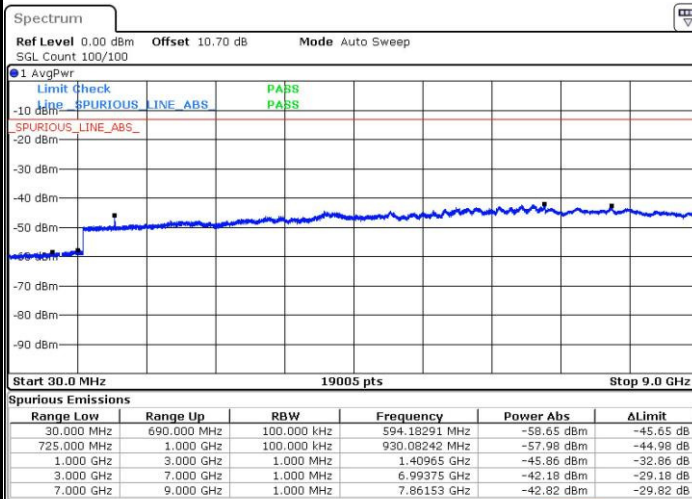
Highest Channel / 16QAM



Date: 16 MAY 2017 00:47:43

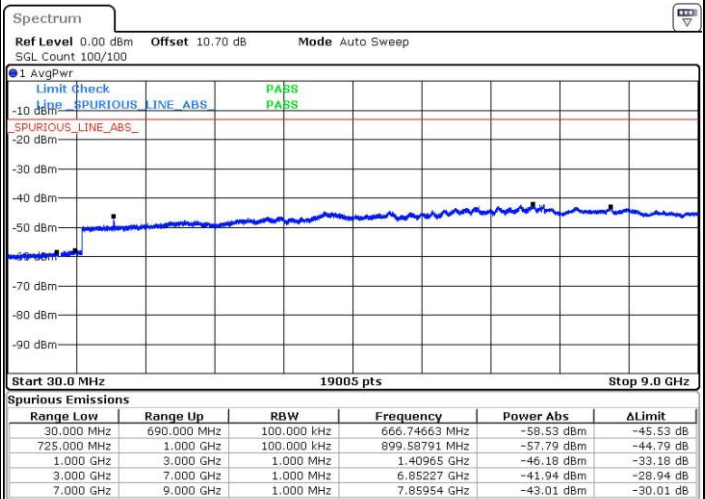
LTE Band 17 / 10MHz

Lowest Channel / QPSK



Date: 16 MAY 2017 00:53:55

Lowest Channel / 16QAM

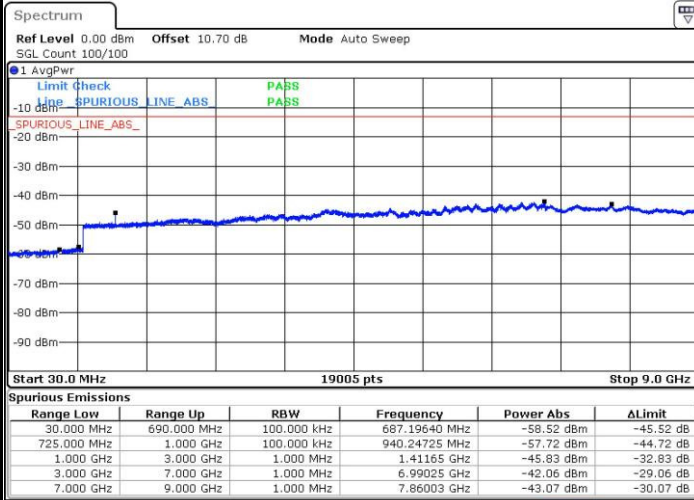


Date: 16 MAY 2017 00:54:49



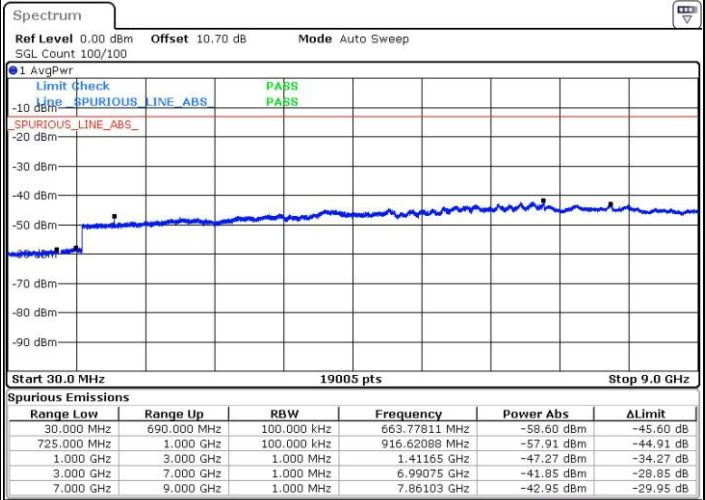
LTE Band 17 / 10MHz

Middle Channel / QPSK



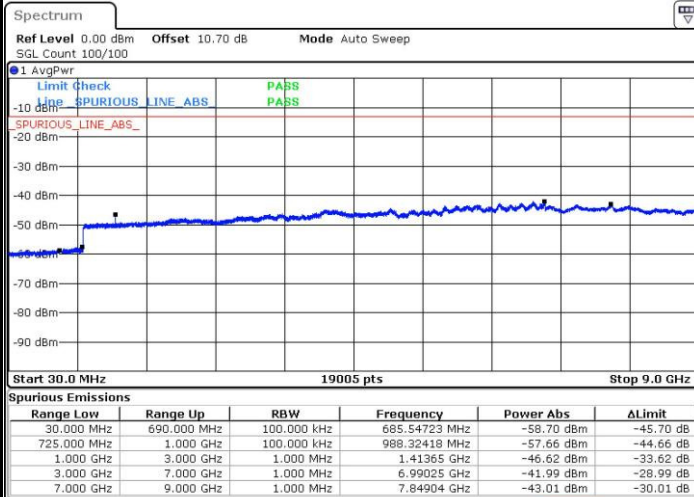
Date: 16 MAY 2017 00:56:24

Middle Channel / 16QAM



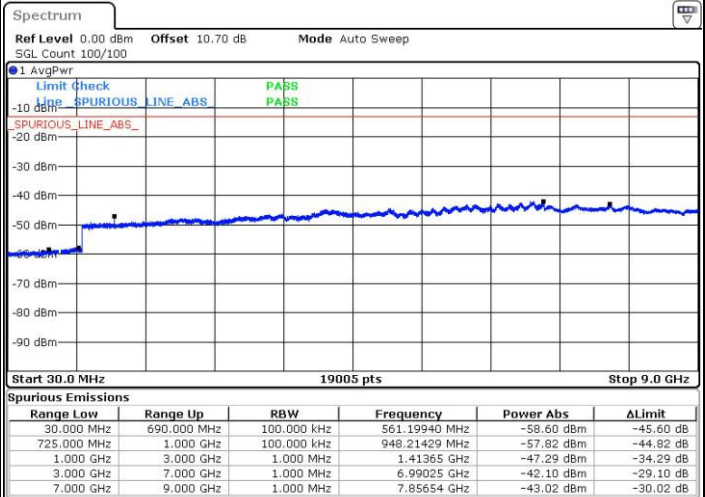
Date: 16 MAY 2017 00:57:18

Highest Channel / QPSK



Date: 16 MAY 2017 01:03:30

Highest Channel / 16QAM

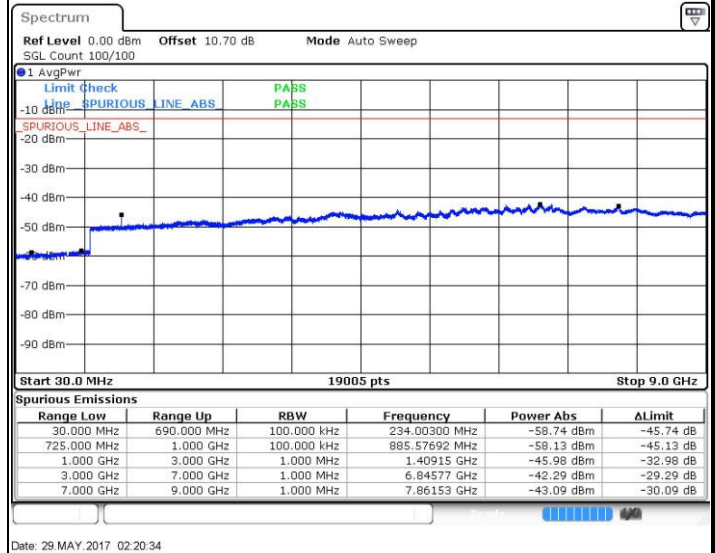


Date: 16 MAY 2017 01:04:25

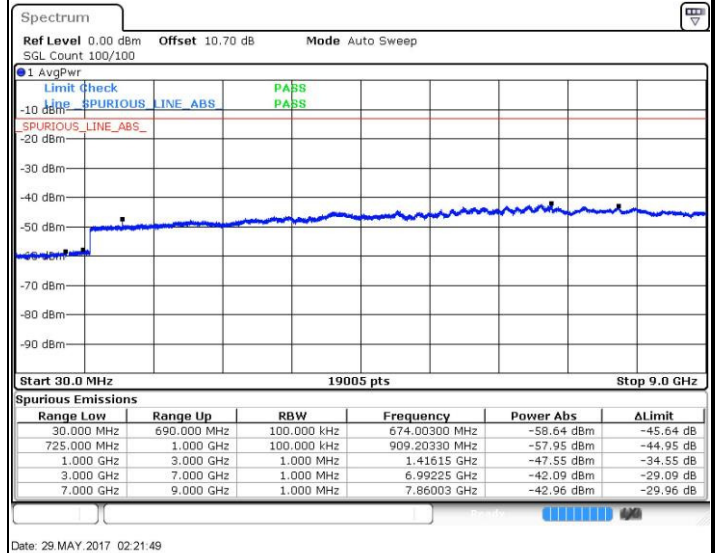


LTE Band 17 / 5MHz

Lowest Channel / 64QAM



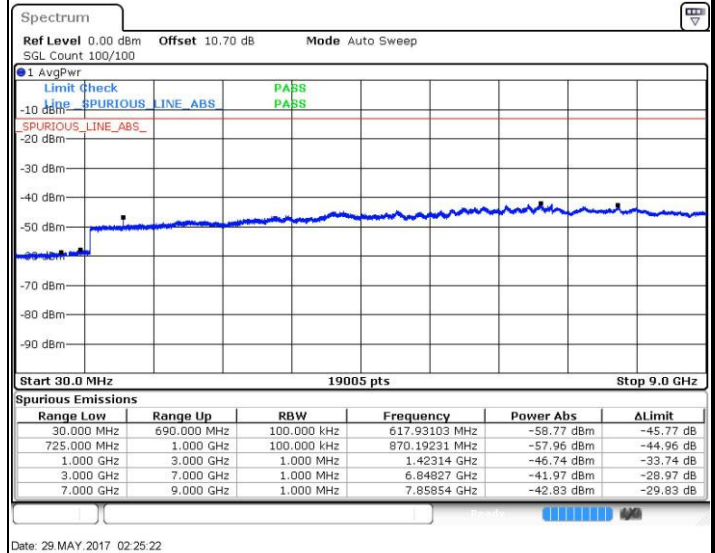
Middle Channel / 64QAM





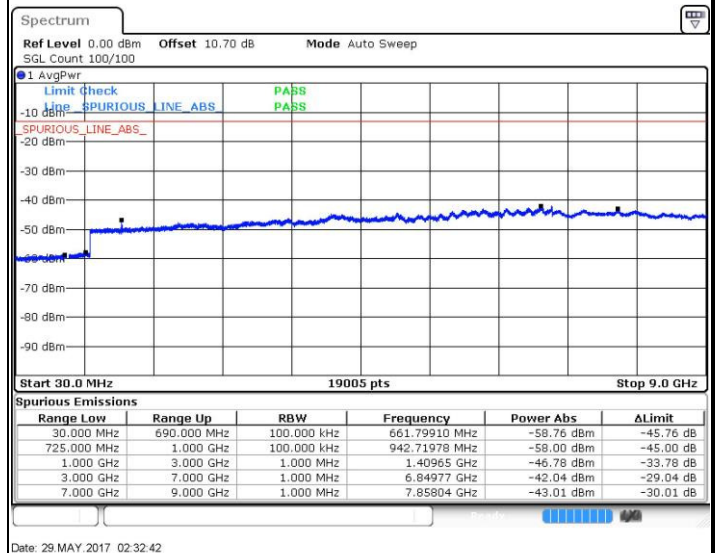
LTE Band 17 / 5MHz

Highest Channel / 64QAM



LTE Band 17 / 10MHz

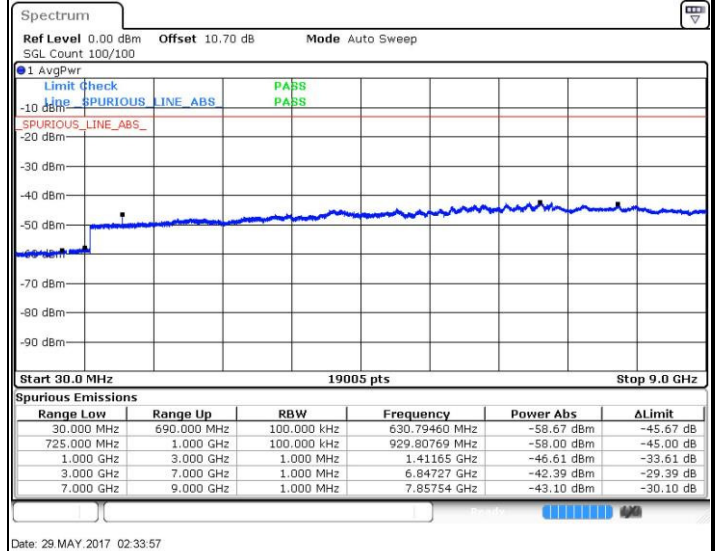
Lowest Channel / 64QAM



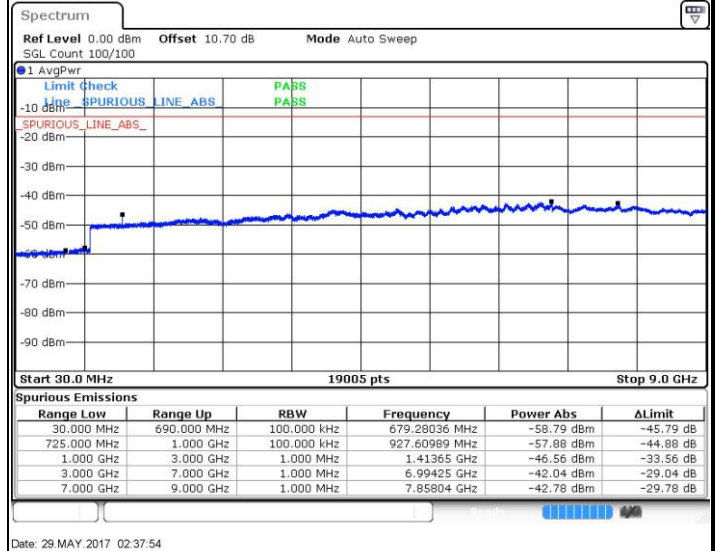


LTE Band 17 / 10MHz

Middle Channel / 64QAM



Highest Channel / 64QAM



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	0.0027	PASS
40	Normal Voltage	0.0001	
30	Normal Voltage	0.0015	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0037	
0	Normal Voltage	0.0004	
-10	Normal Voltage	0.0120	
-20	Normal Voltage	0.0020	
-30	Normal Voltage	0.0011	
20	Maximum Voltage	0.0008	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0045	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.2 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 25

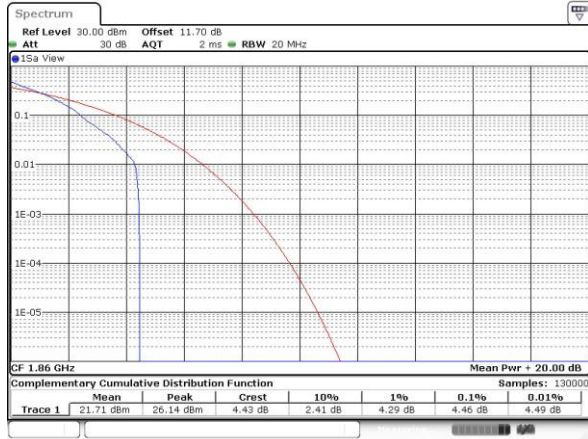
Peak-to-Average Ratio

Mode	LTE Band 25 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.46	4.55	4.43	5.39	PASS
Middle CH	4.46	4.64	4.49	5.42	
Highest CH	4.52	4.64	4.96	5.39	
Mod.	-		64QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	-	-	4.26	5.45	PASS
Middle CH	-	-	4.35	5.45	
Highest CH	-	-	4.75	5.36	

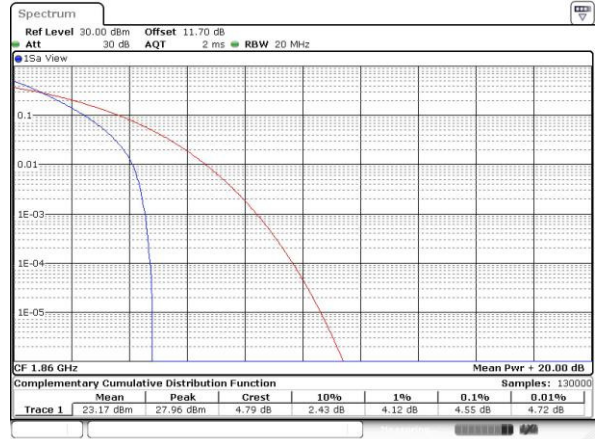


LTE Band 25 / 20MHz / QPSK

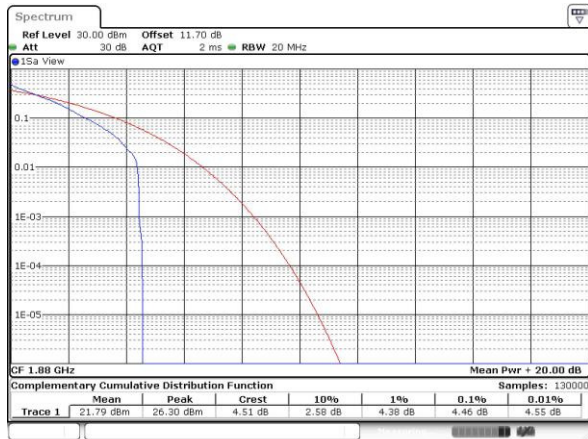
Lowest Channel / 1RB



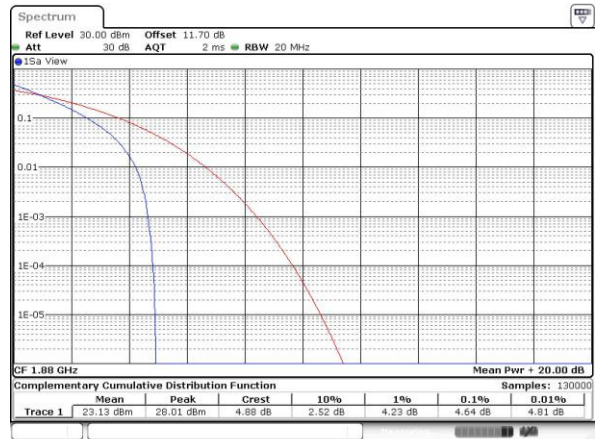
Lowest Channel / Full RB



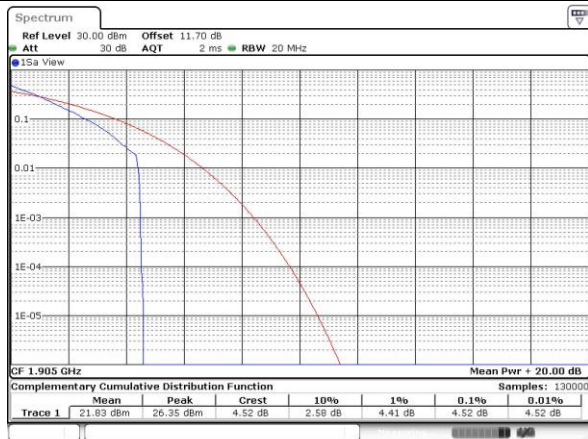
Middle Channel / 1RB



Middle Channel / Full RB



Highest Channel / 1RB



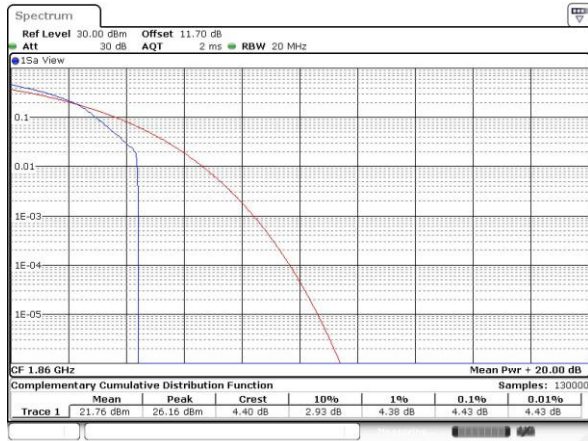
Highest Channel / Full RB



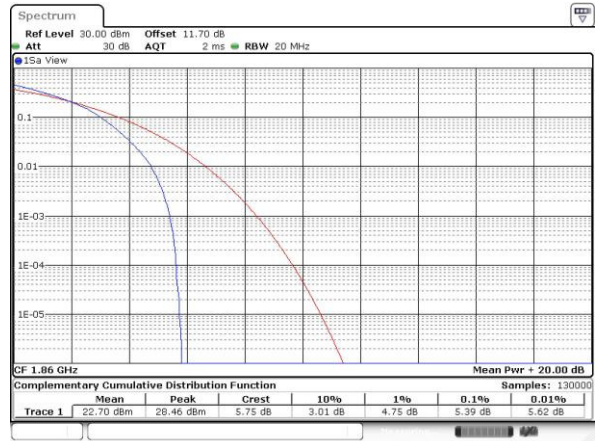


LTE Band 25 / 20MHz / 16QAM

Lowest Channel / 1RB



Lowest Channel / Full RB



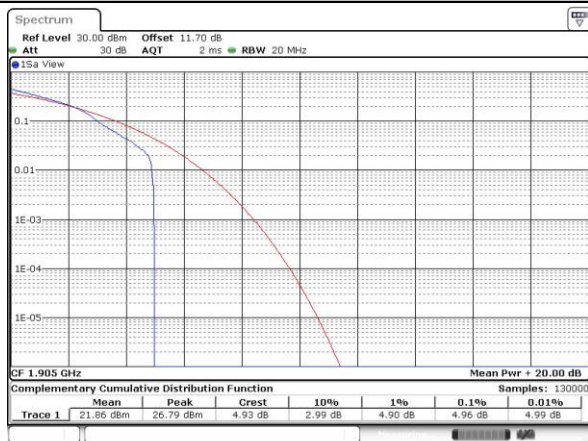
Middle Channel / 1RB



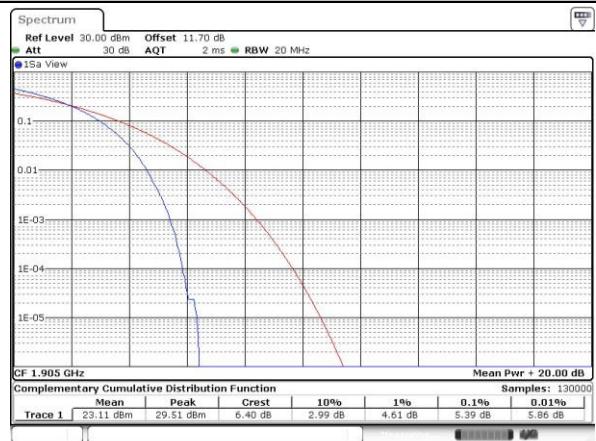
Middle Channel / Full RB



Highest Channel / 1RB



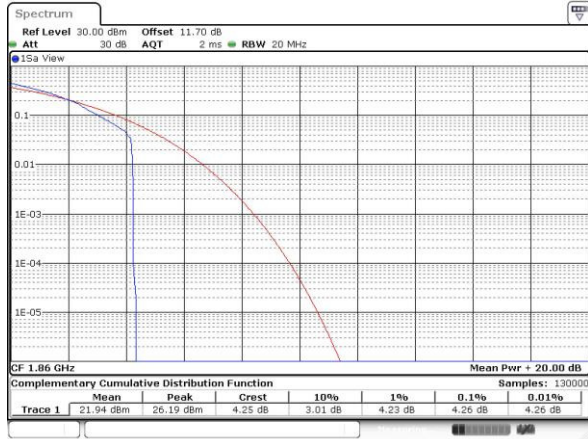
Highest Channel / Full RB



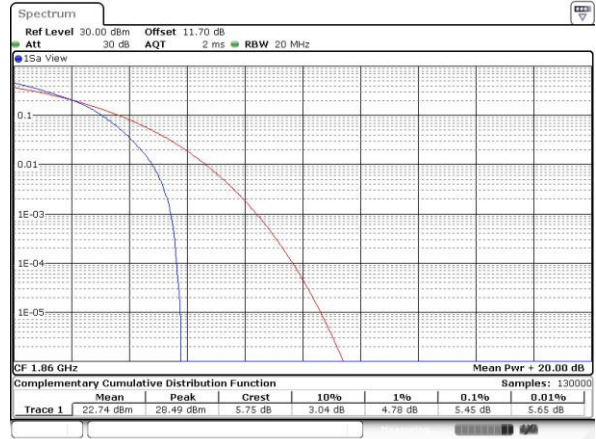


LTE Band 25 / 20MHz / 64QAM

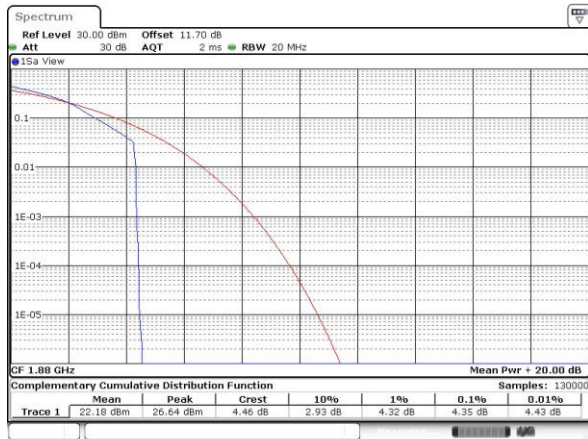
Lowest Channel / 1RB



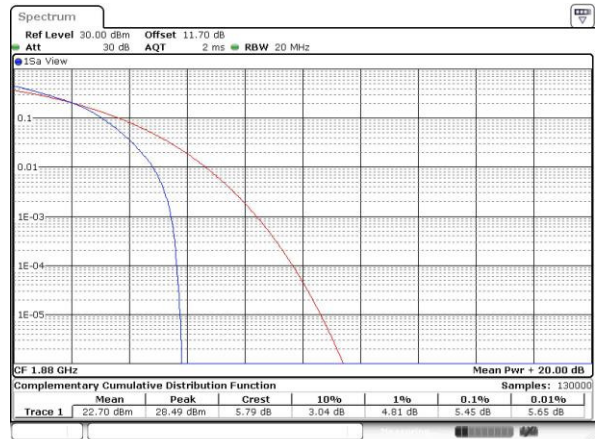
Lowest Channel / Full RB



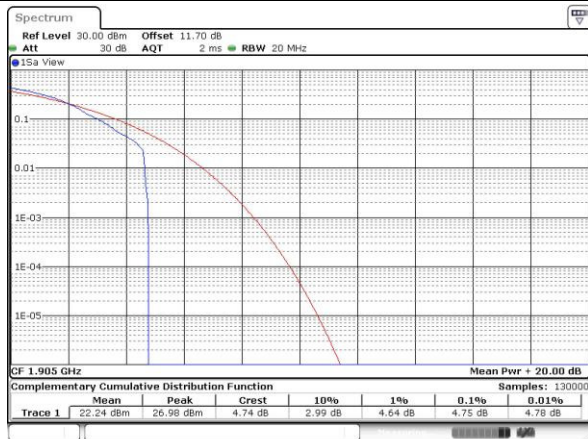
Middle Channel / 1RB



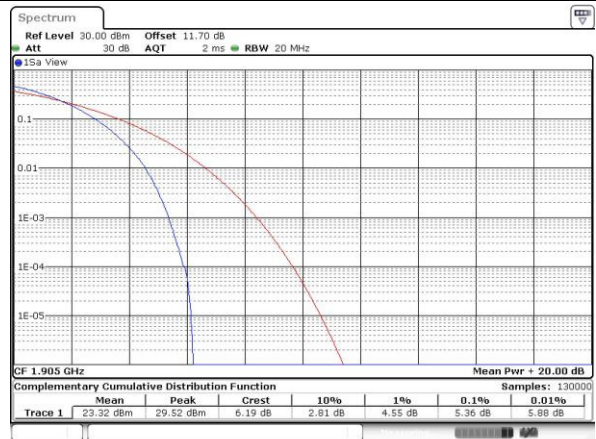
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB



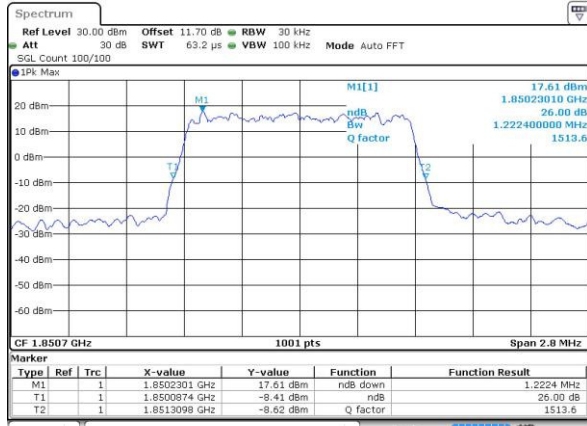
**26dB Bandwidth**

Mode	LTE Band 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	1.22	1.23	3.05	2.97	4.89	4.82	9.71	9.79	14.48	14.39	20.22	20.26
Middle CH	1.23	1.23	3.01	3.00	4.94	4.91	9.69	9.81	14.27	14.45	20.10	20.26
Highest CH	1.24	1.23	3.00	3.01	4.81	4.89	9.65	9.69	14.36	14.12	20.42	20.74
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	-	64QAM	-	64QAM	-	64QAM	-	64QAM	-	64QAM	-	64QAM
Lowest CH	-	1.21	-	3.02	-	4.91	-	9.77	-	14.27	-	20.18
Middle CH	-	1.24	-	3.02	-	4.95	-	9.83	-	14.18	-	20.10
Highest CH	-	1.23	-	3.01	-	4.88	-	9.81	-	14.33	-	20.42



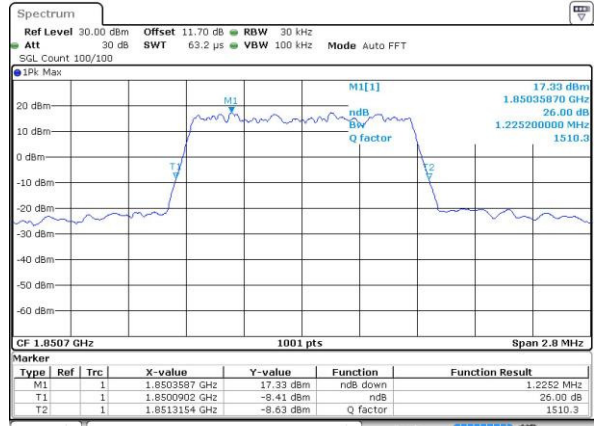
LTE Band 25

Lowest Channel / 1.4MHz / QPSK



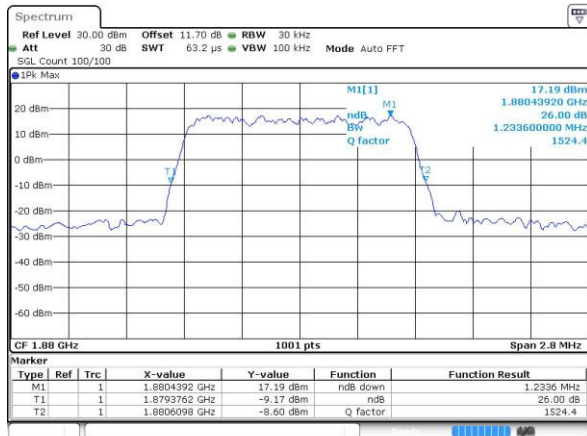
Date: 16 MAY 2017 23:58:25

Lowest Channel / 1.4MHz / 16QAM



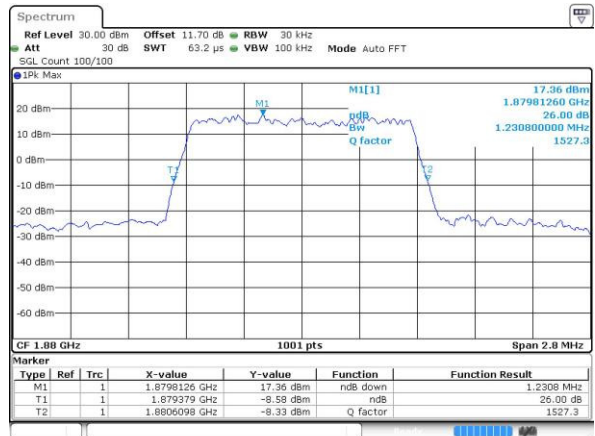
Date: 16 MAY 2017 23:58:35

Middle Channel / 1.4MHz / QPSK



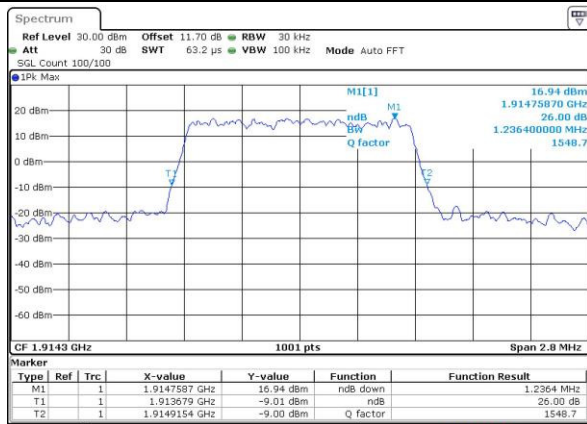
Date: 17 MAY 2017 00:05:32

Middle Channel / 1.4MHz / 16QAM



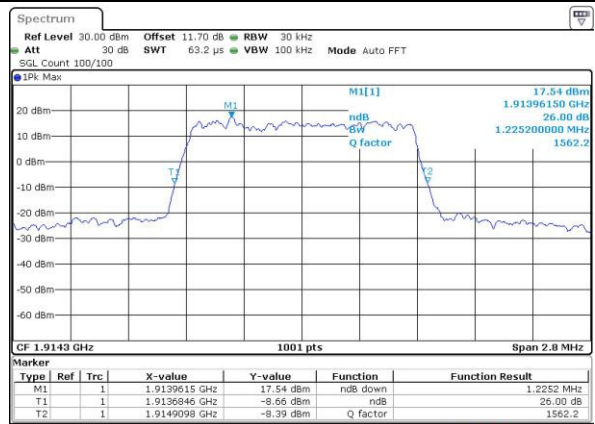
Date: 17 MAY 2017 00:05:43

Highest Channel / 1.4MHz / QPSK



Date: 16 MAY 2017 22:51:28

Highest Channel / 1.4MHz / 16QAM

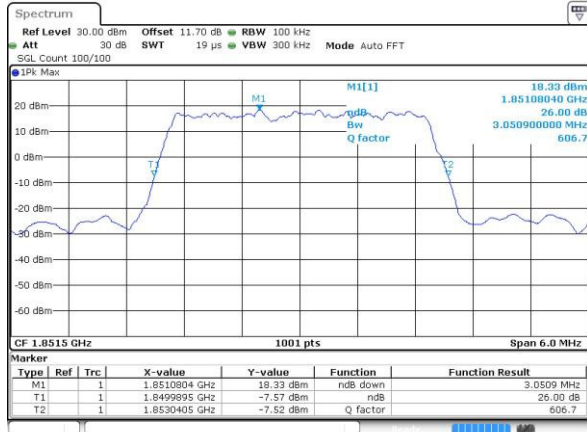


Date: 16 MAY 2017 22:51:16



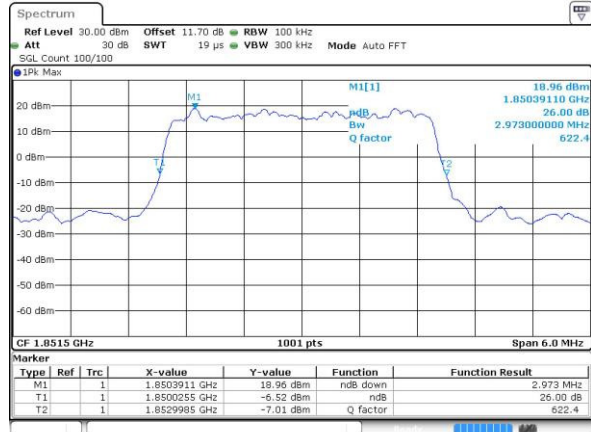
LTE Band 25

Lowest Channel / 3MHz / QPSK



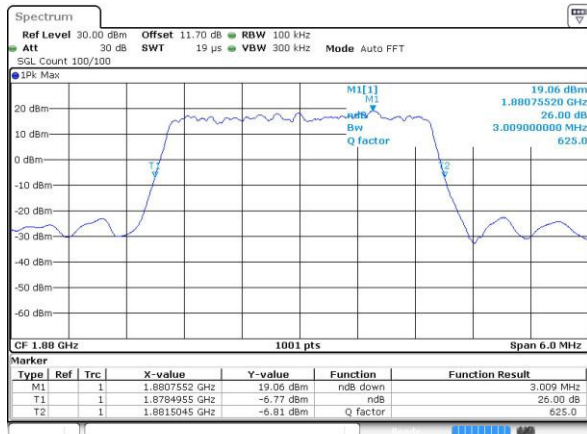
Date: 16 MAY 2017 23:14:49

Lowest Channel / 3MHz / 16QAM



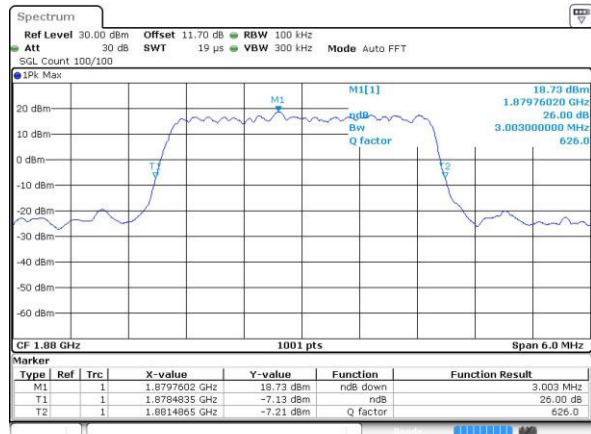
Date: 16 MAY 2017 23:15:00

Middle Channel / 3MHz / QPSK



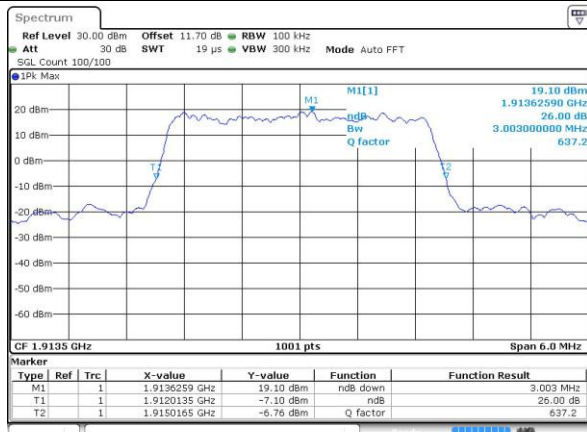
Date: 16 MAY 2017 23:17:26

Middle Channel / 3MHz / 16QAM



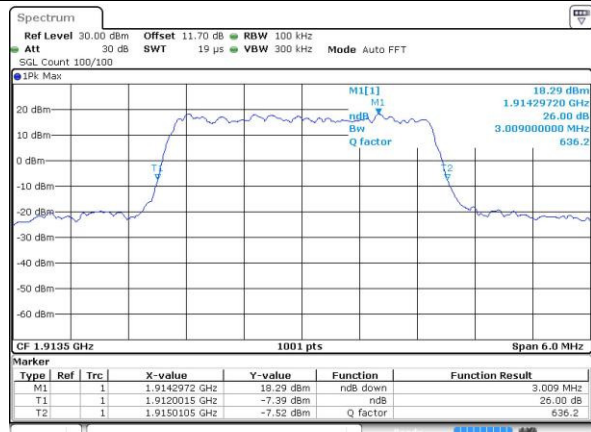
Date: 16 MAY 2017 23:17:36

Highest Channel / 3MHz / QPSK



Date: 16 MAY 2017 22:15:12

Highest Channel / 3MHz / 16QAM

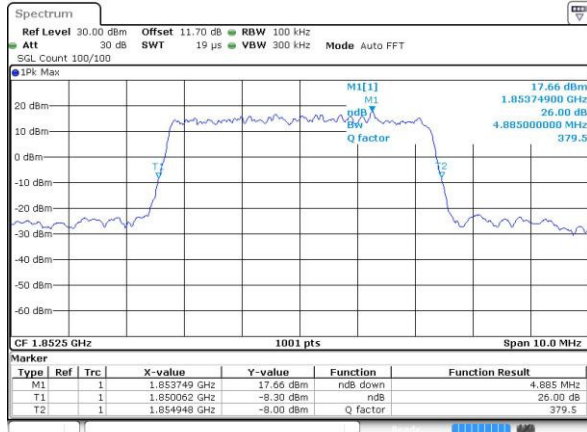


Date: 16 MAY 2017 22:15:02



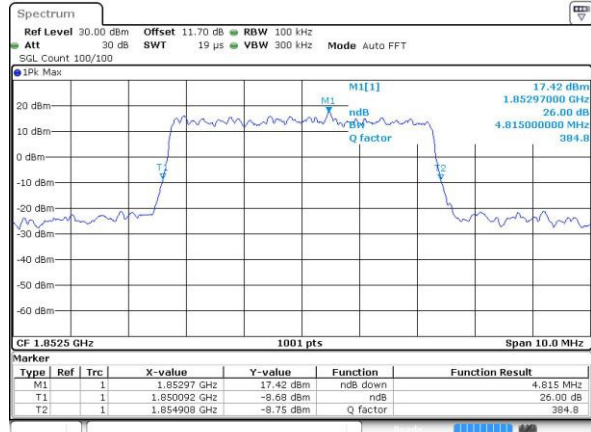
LTE Band 25

Lowest Channel / 5MHz / QPSK



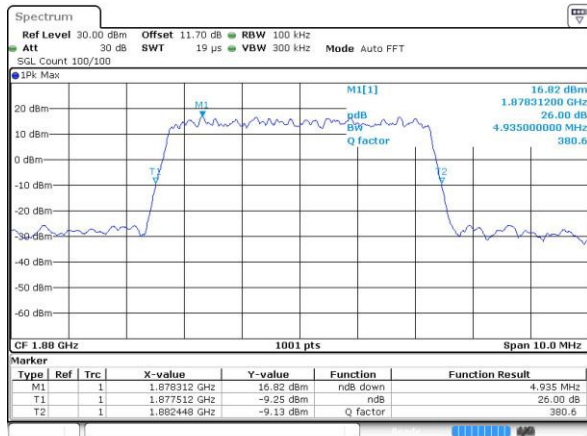
Date: 16 MAY 2017 23:19:56

Lowest Channel / 5MHz / 16QAM



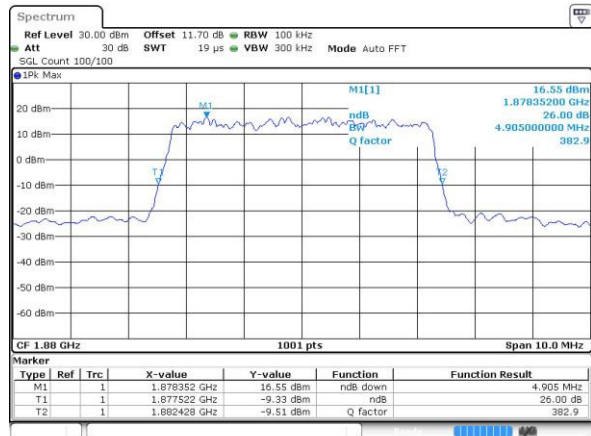
Date: 16 MAY 2017 23:20:06

Middle Channel / 5MHz / QPSK



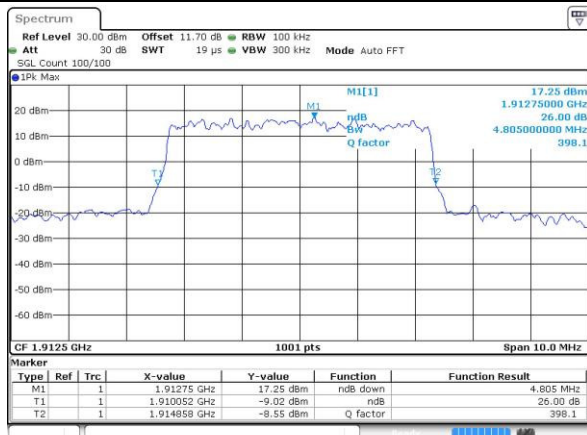
Date: 16 MAY 2017 23:27:03

Middle Channel / 5MHz / 16QAM



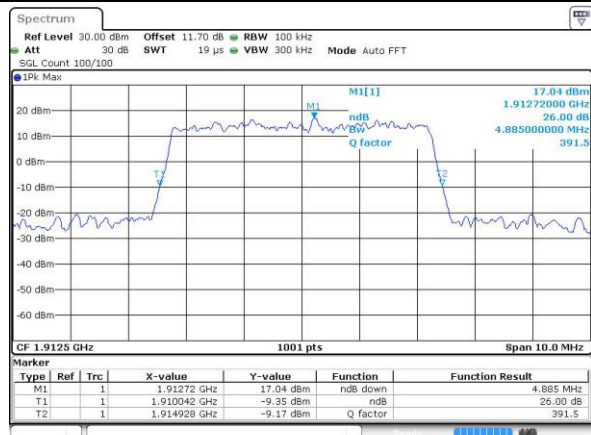
Date: 16 MAY 2017 23:27:13

Highest Channel / 5MHz / QPSK



Date: 16 MAY 2017 22:22:20

Highest Channel / 5MHz / 16QAM

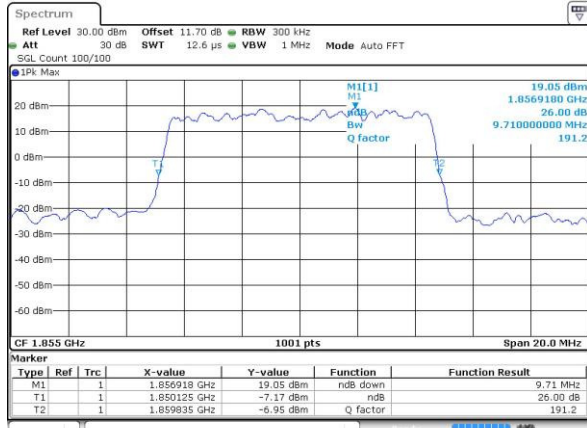


Date: 16 MAY 2017 22:22:09

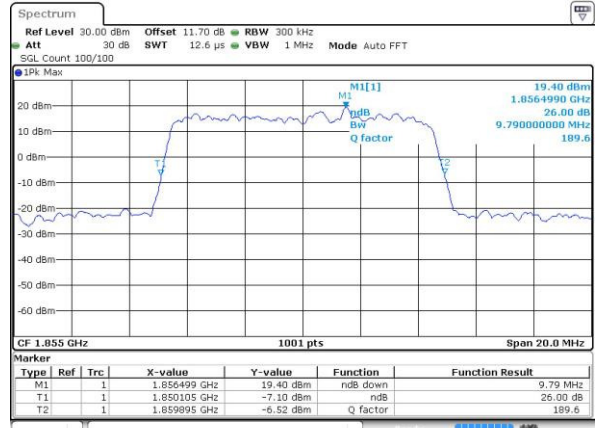


LTE Band 25

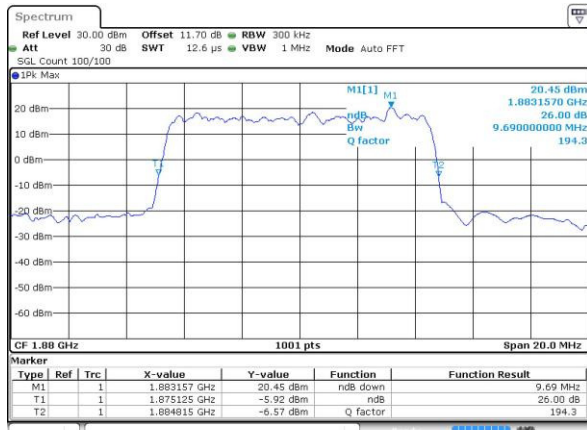
Lowest Channel / 10MHz / QPSK



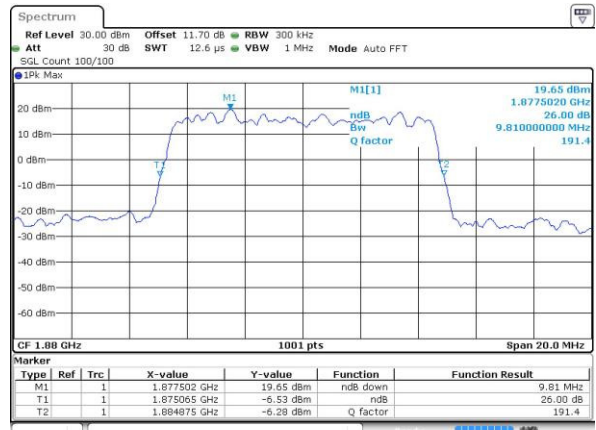
Lowest Channel / 10MHz / 16QAM



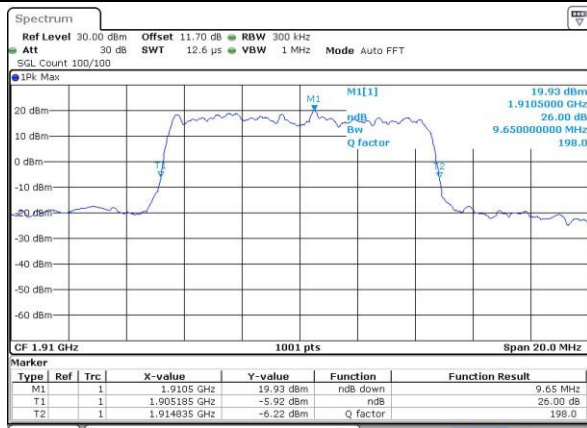
Middle Channel / 10MHz / QPSK



Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



Highest Channel / 10MHz / 16QAM

