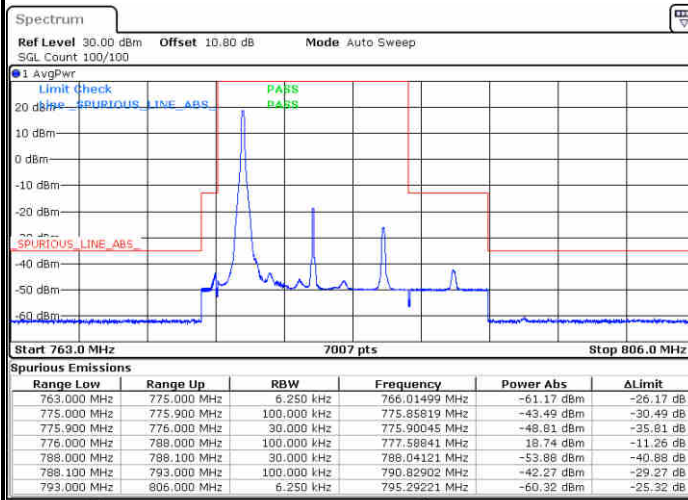


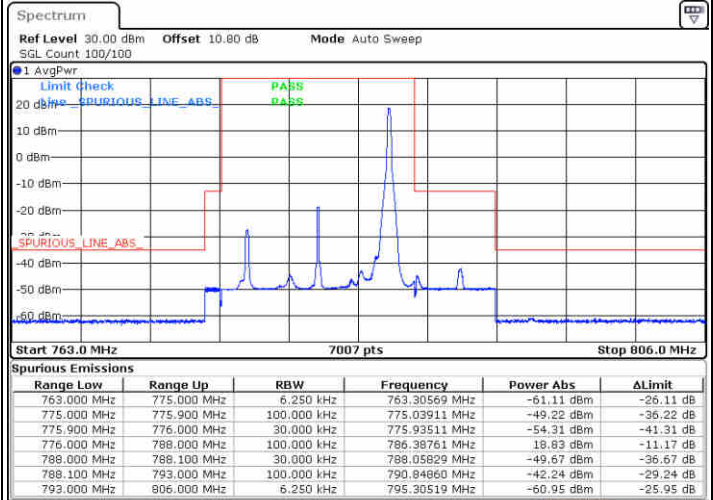


LTE Band 13 / 10MHz / 16QAM

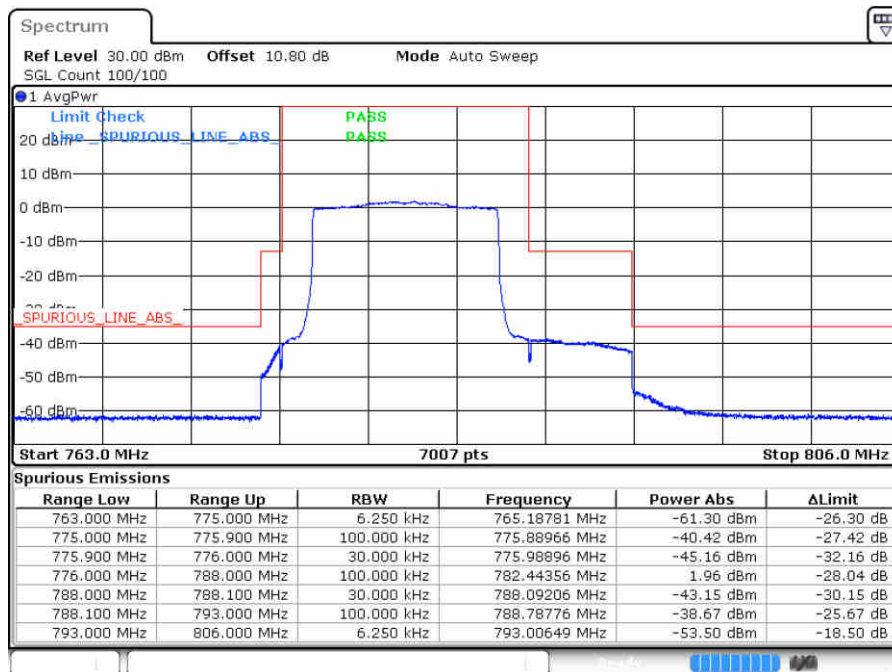
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



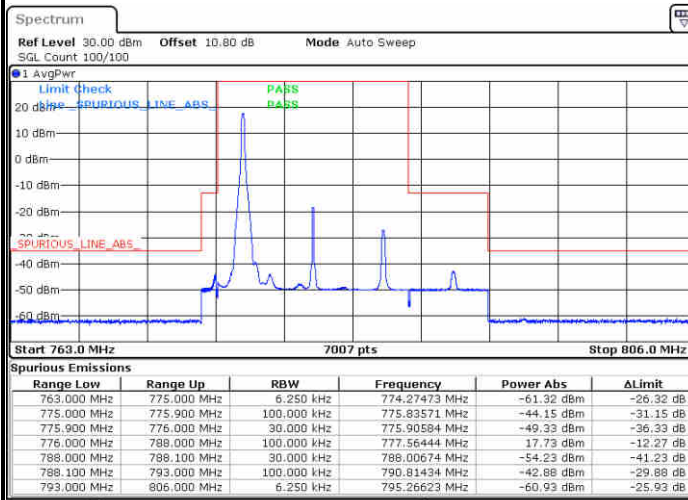
Band Edge / Full RB





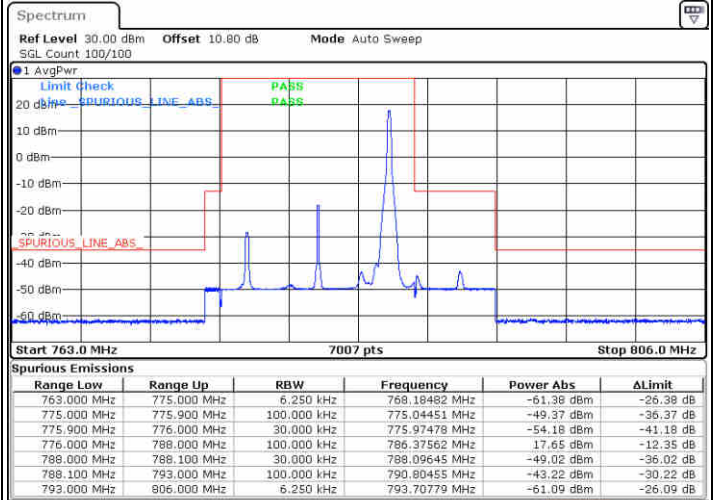
LTE Band 13 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



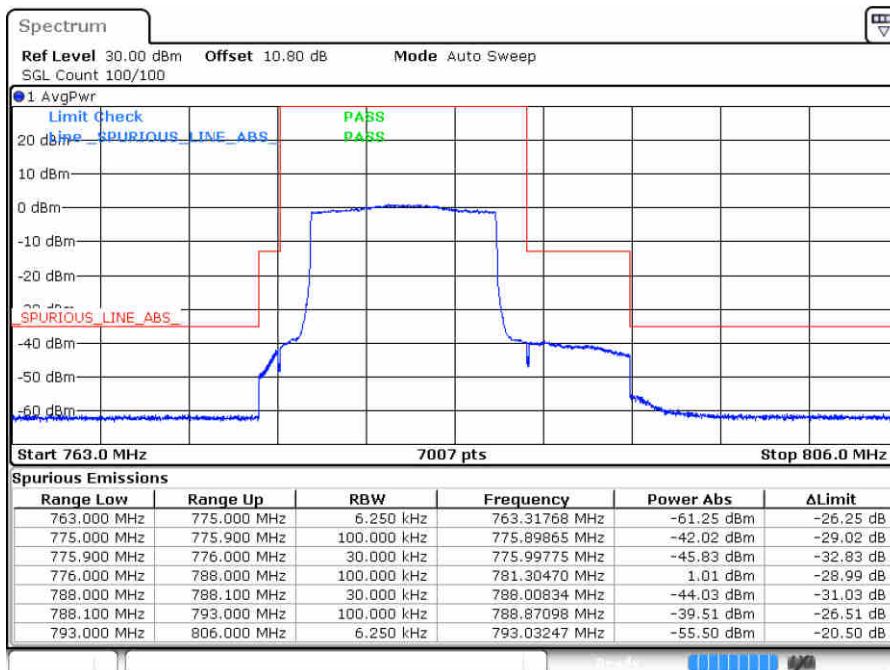
Date: 2.OCT.2017 05:07:53

Highest Band Edge / 1 RB



Date: 2.OCT.2017 05:09:32

Band Edge / Full RB

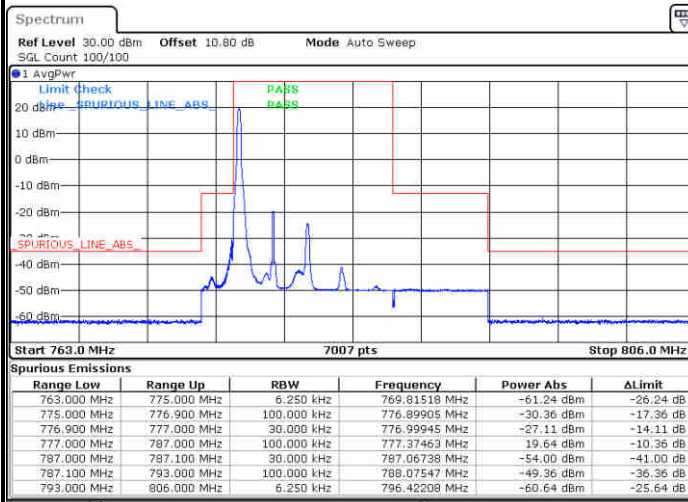


Date: 2.OCT.2017 05:06:14



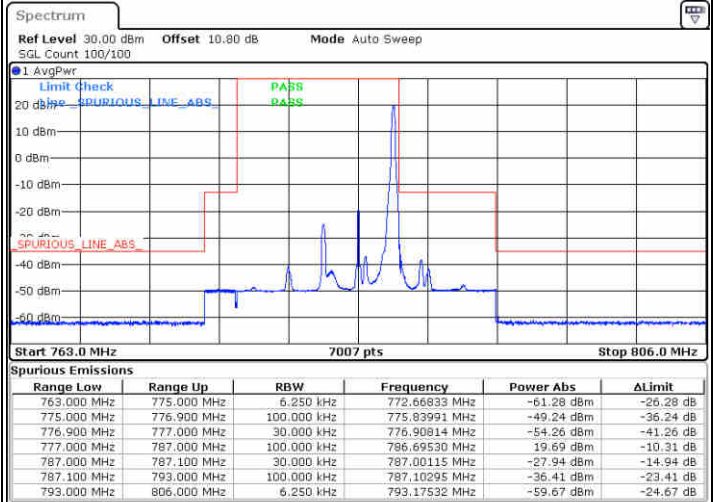
IC LTE Band 13 / 5MHz / QPSK

Lowest Band Edge / 1 RB



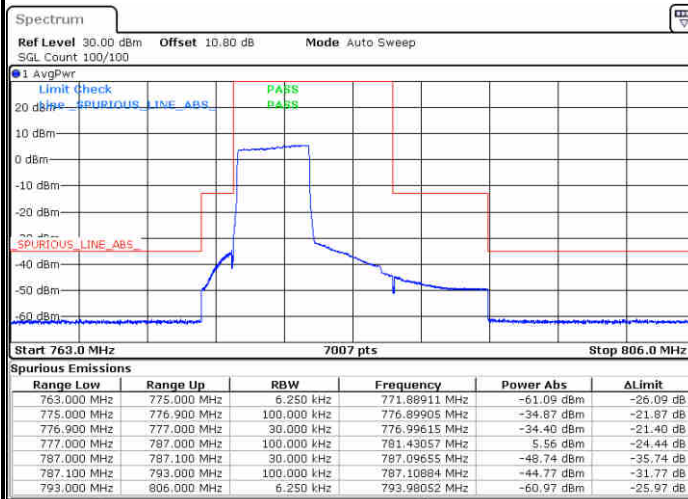
Date: 2.OCT.2017 05:24:38

Highest Band Edge / 1 RB



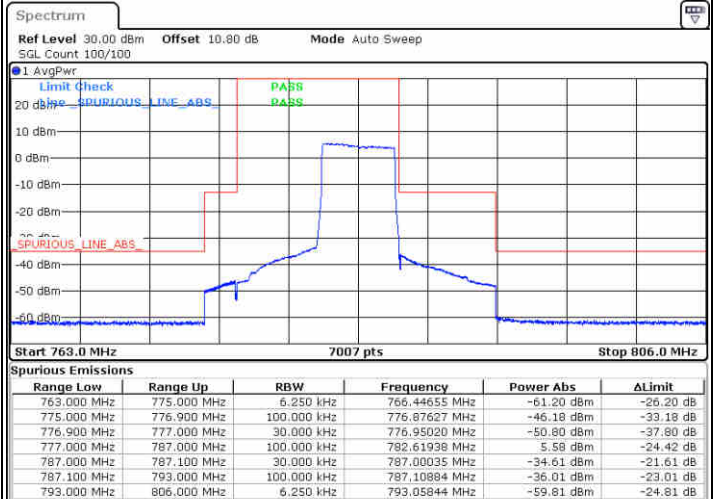
Date: 2.OCT.2017 05:31:13

Lowest Band Edge / Full RB



Date: 2.OCT.2017 05:19:41

Highest Band Edge / Full RB

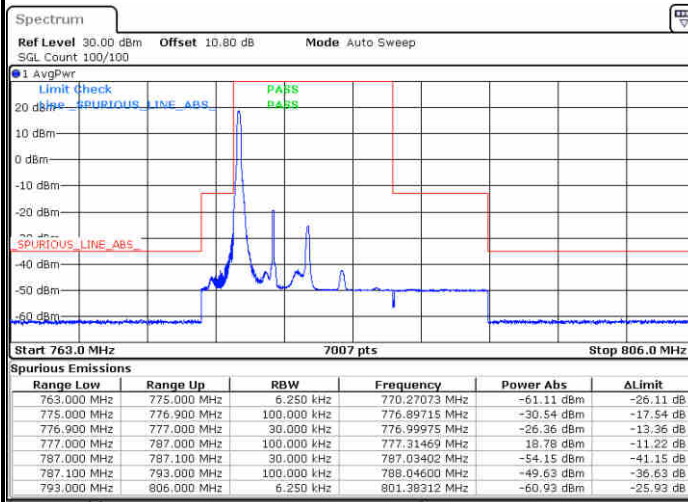


Date: 2.OCT.2017 05:26:17

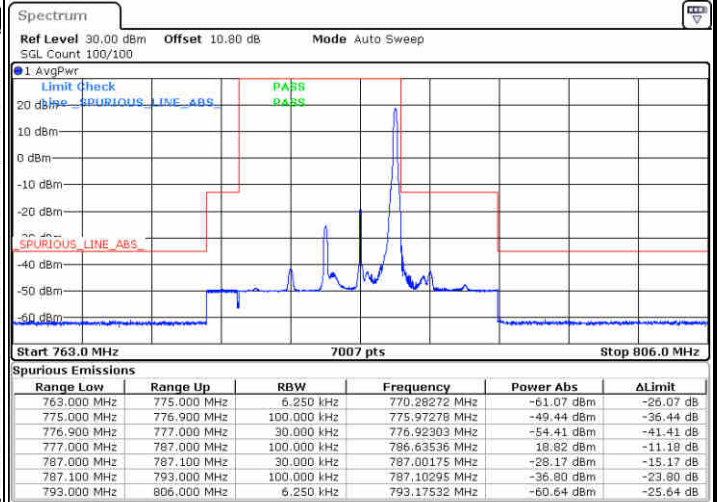


IC LTE Band 13 / 5MHz / 16QAM

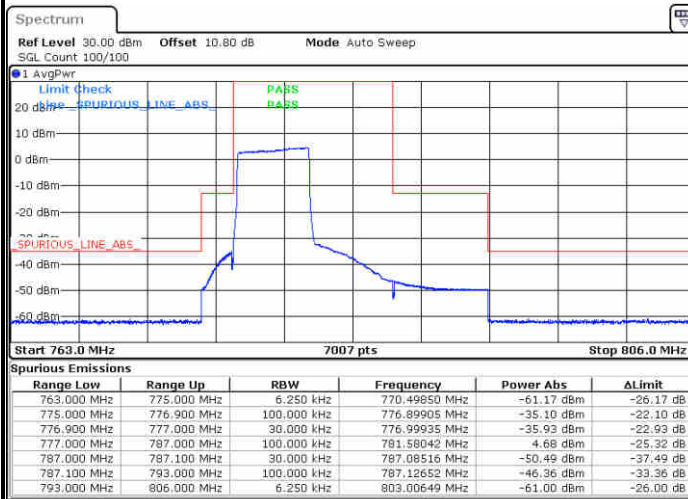
Lowest Band Edge / 1 RB



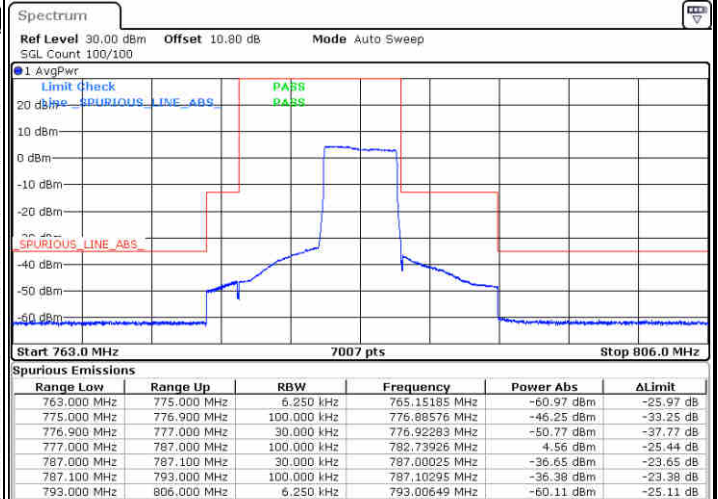
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



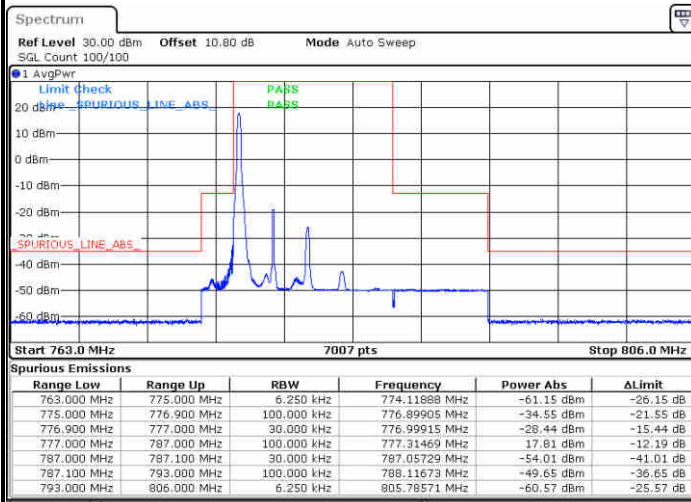
Highest Band Edge / Full RB



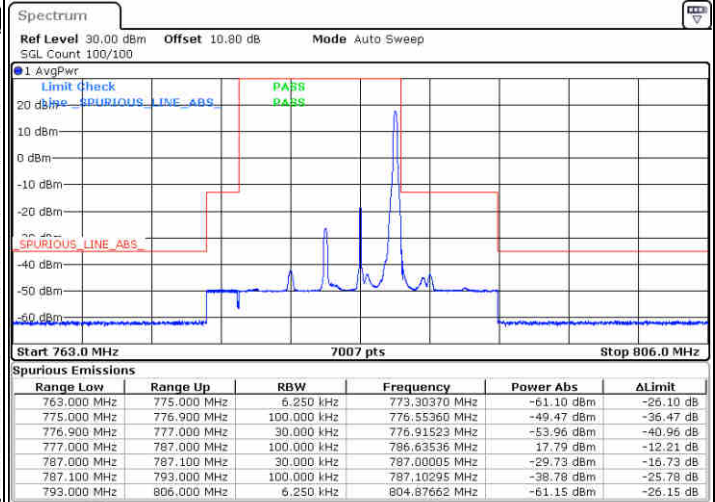


IC LTE Band 13 / 5MHz / 64QAM

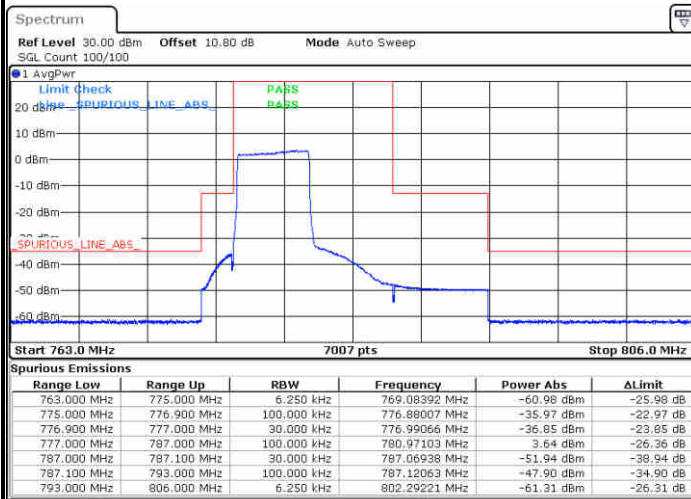
Lowest Band Edge / 1 RB



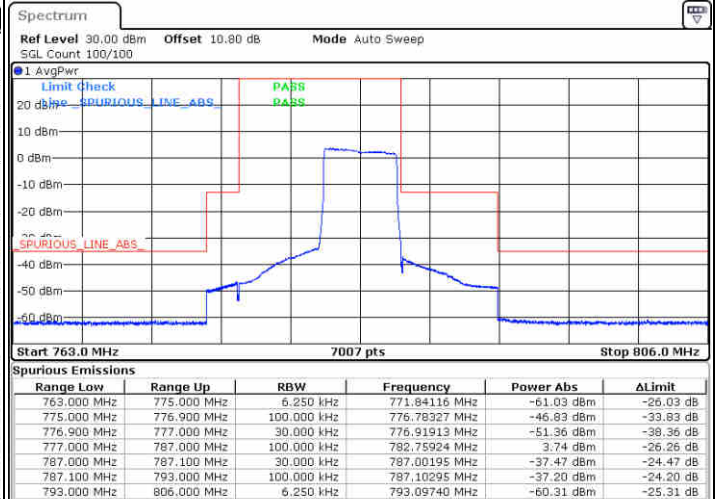
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



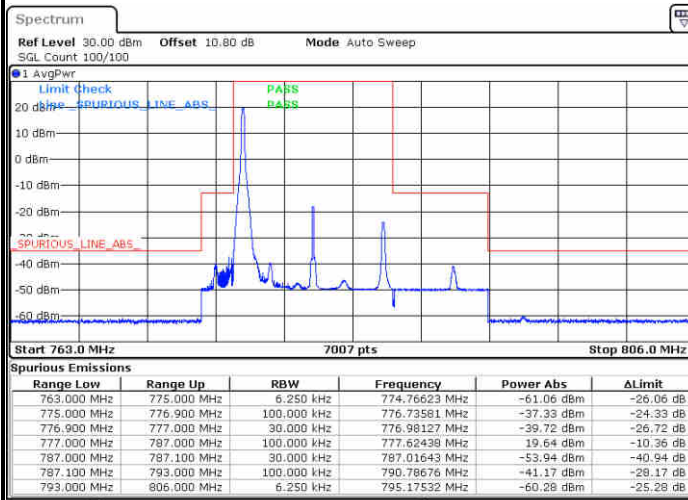
Highest Band Edge / Full RB





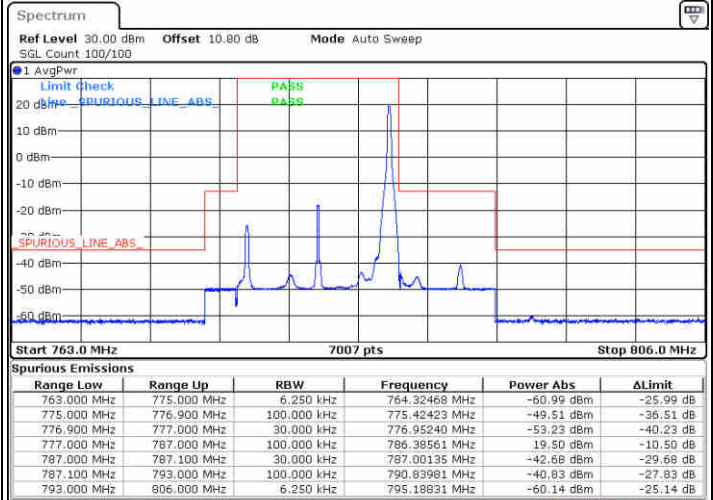
IC LTE Band 13 / 10MHz / QPSK

Lowest Band Edge / 1 RB



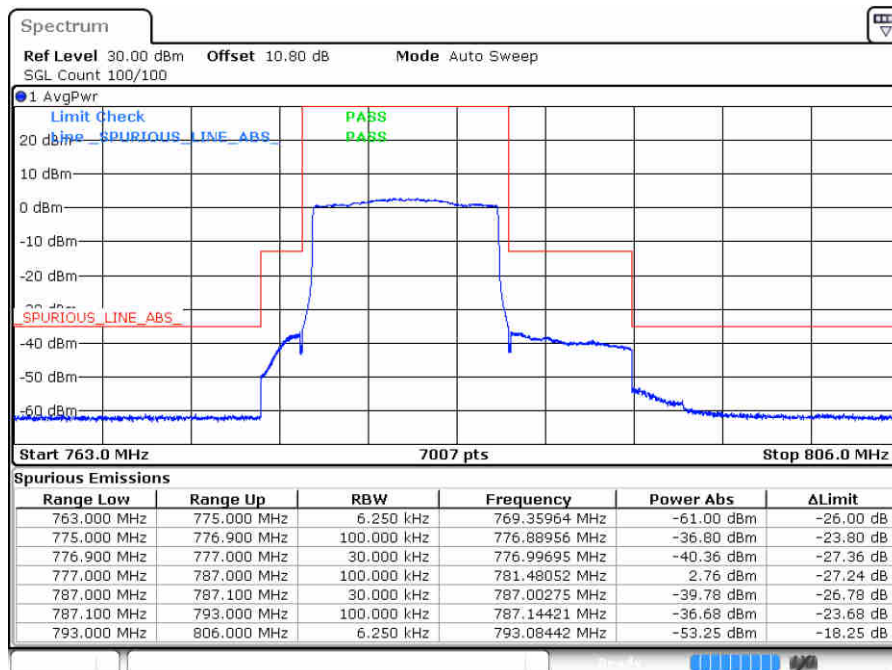
Date: 2.OCT.2017 08:52:44

Highest Band Edge / 1 RB



Date: 2.OCT.2017 09:01:12

Band Edge / Full RB

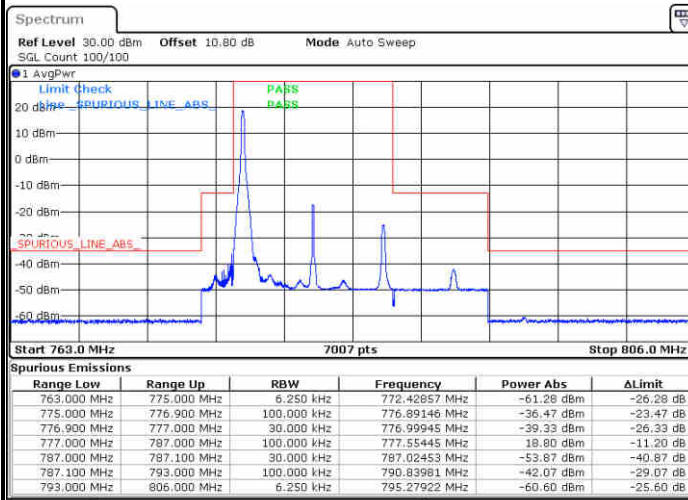


Date: 2.OCT.2017 08:59:50



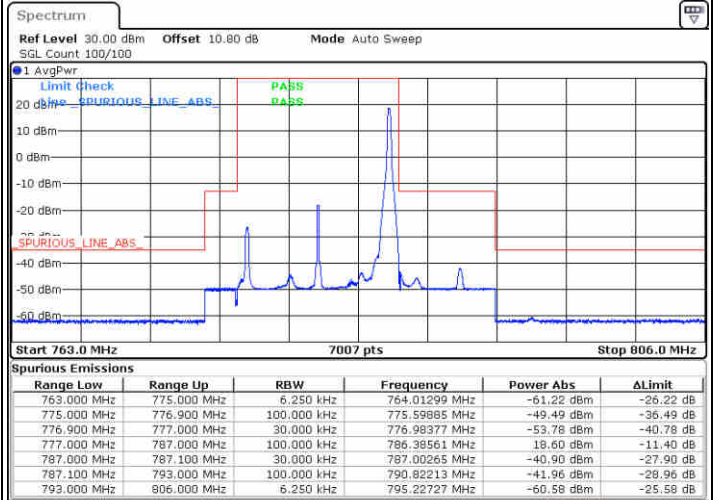
IC LTE Band 13 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



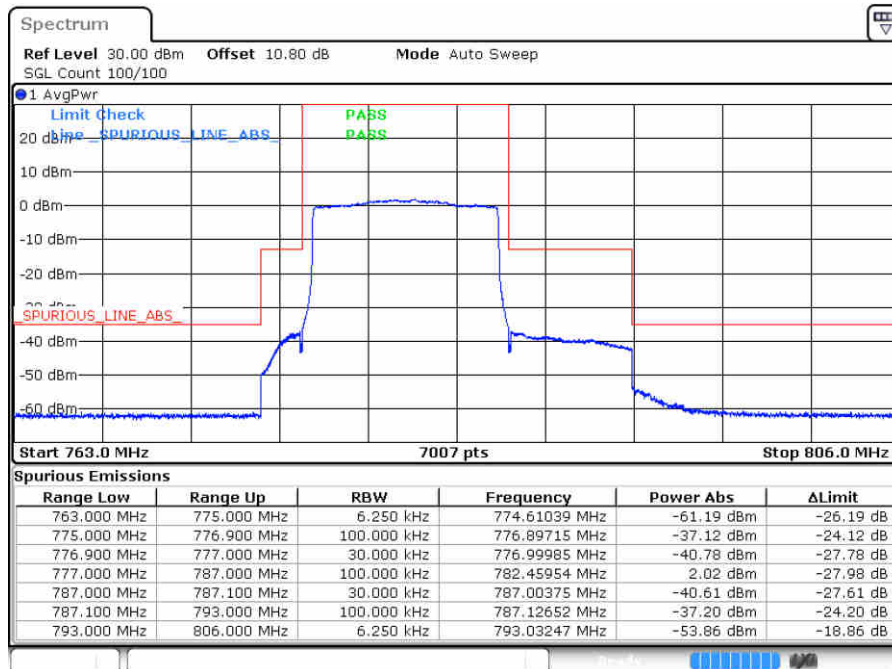
Date: 2.OCT.2017 08:54:00

Highest Band Edge / 1 RB



Date: 2.OCT.2017 09:03:15

Band Edge / Full RB

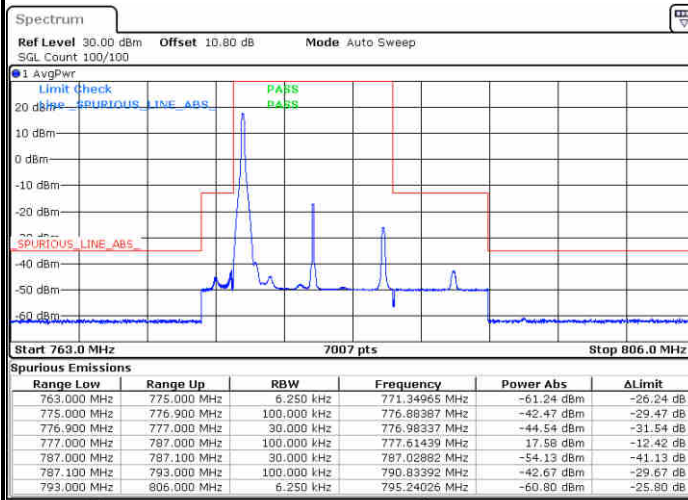


Date: 2.OCT.2017 08:58:01



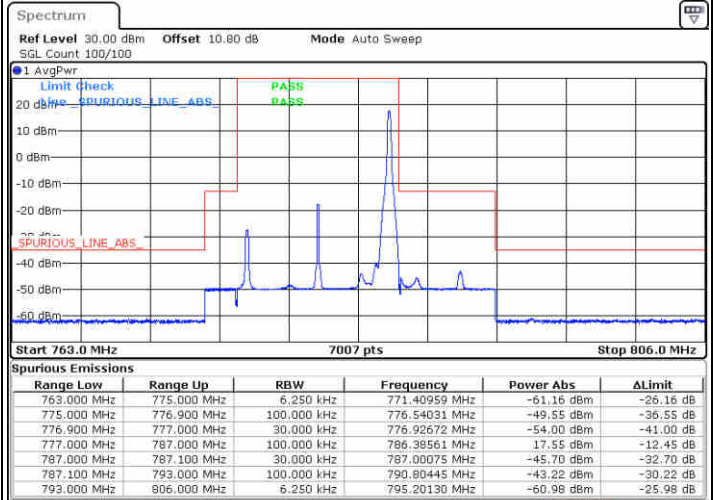
IC LTE Band 13 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



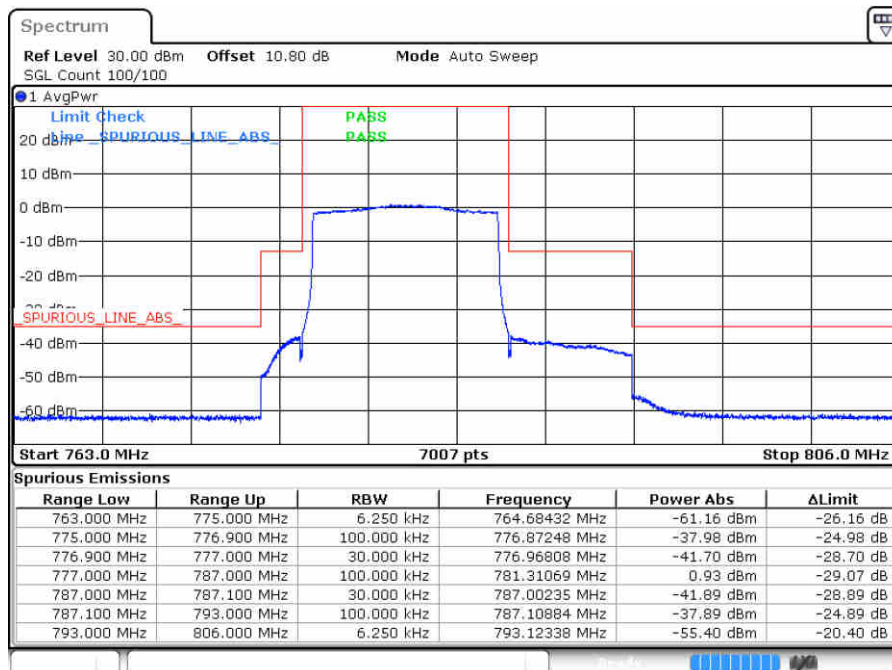
Date: 2.OCT.2017 08:55:14

Highest Band Edge / 1 RB



Date: 2.OCT.2017 09:04:42

Band Edge / Full RB



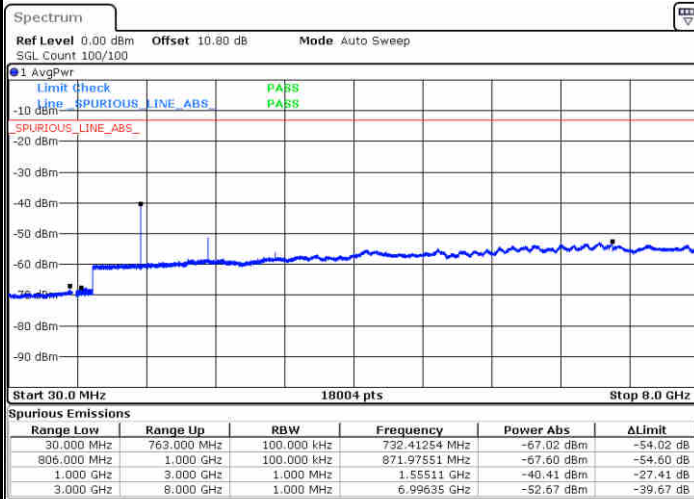
Date: 2.OCT.2017 08:56:37



Conducted Spurious Emission

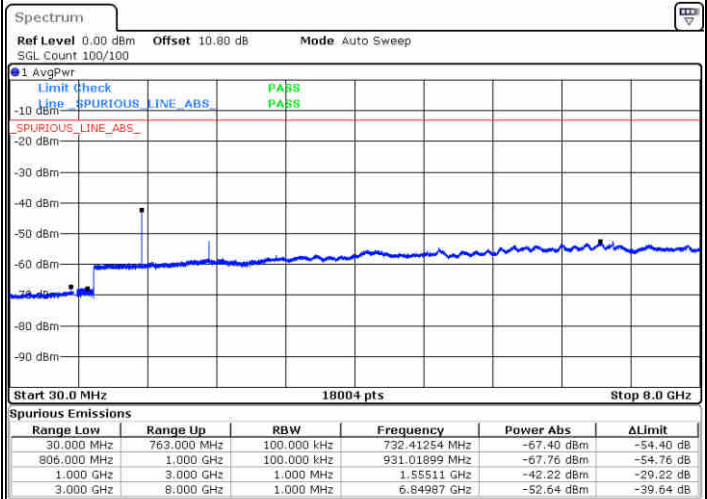
LTE Band 13 / 5MHz

Lowest Channel / QPSK



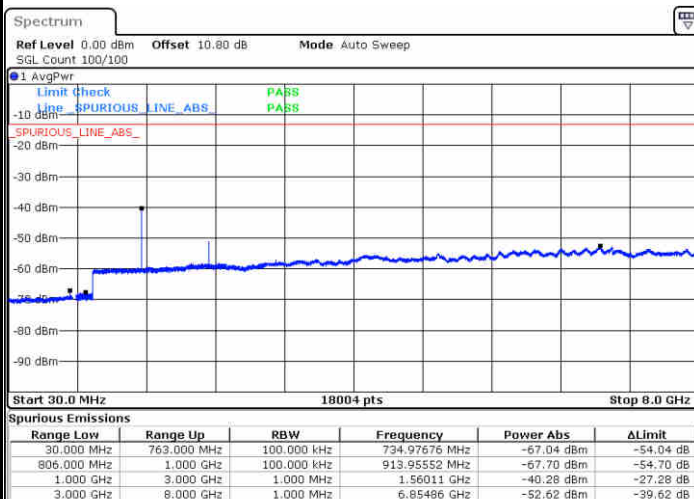
Date: 2.OCT.2017 04:29:17

Lowest Channel / 16QAM



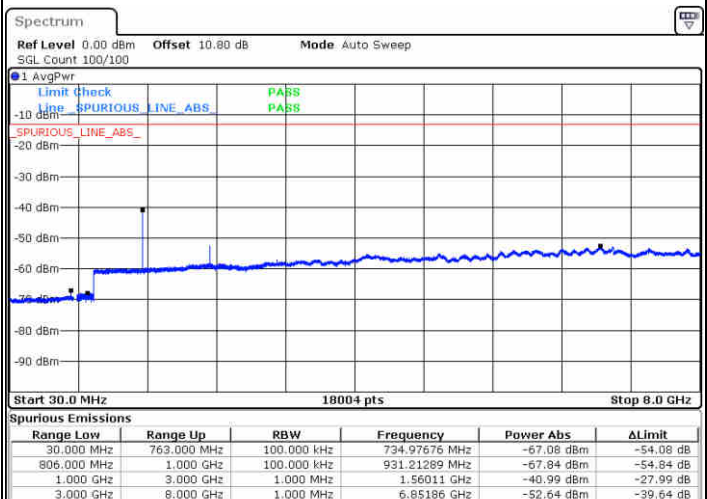
Date: 2.OCT.2017 04:30:10

Middle Channel / QPSK



Date: 2.OCT.2017 04:31:57

Middle Channel / 16QAM

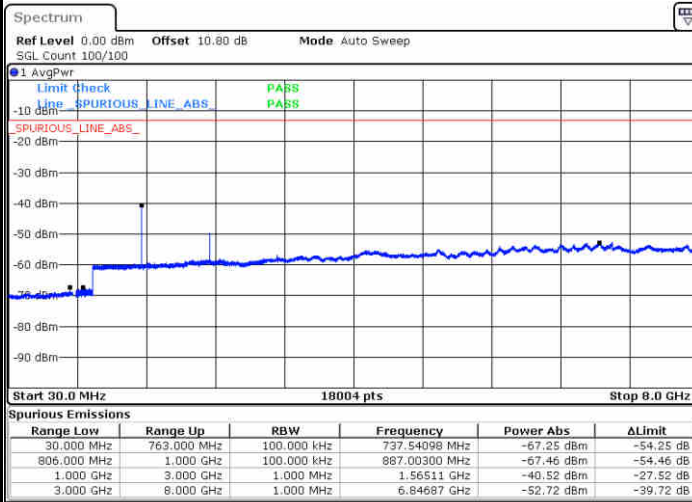


Date: 2.OCT.2017 04:31:04



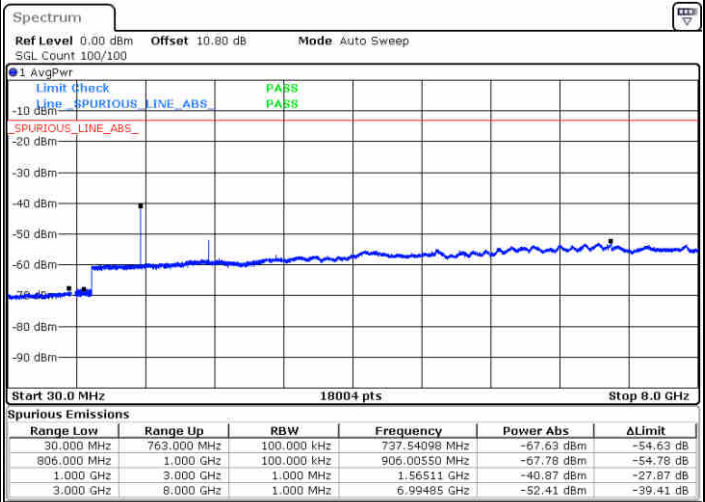
LTE Band 13 / 5MHz

Highest Channel / QPSK



Date: 2.OCT.2017 04:40:46

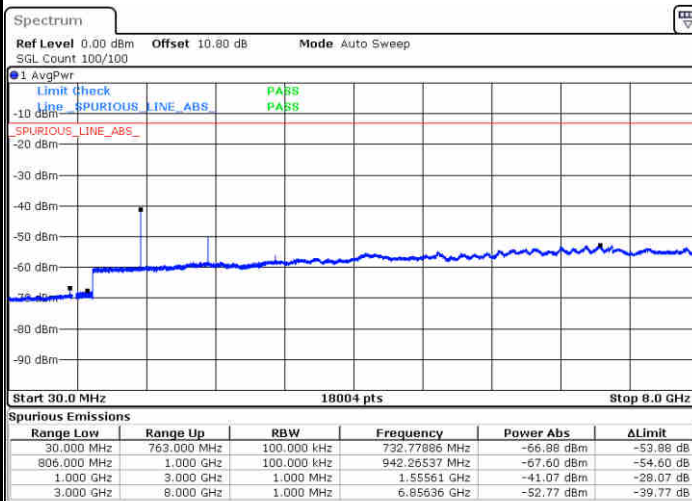
Highest Channel / 16QAM



Date: 2.OCT.2017 04:41:40

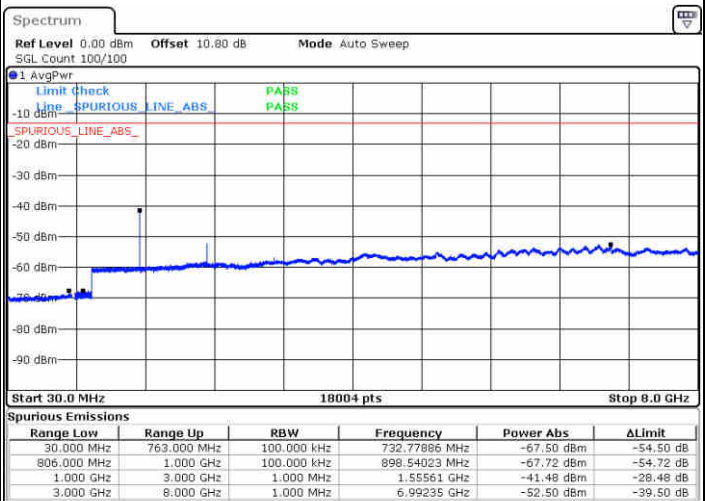
LTE Band 13 / 10MHz

Middle Channel / QPSK



Date: 2.OCT.2017 05:04:16

Middle Channel / 16QAM

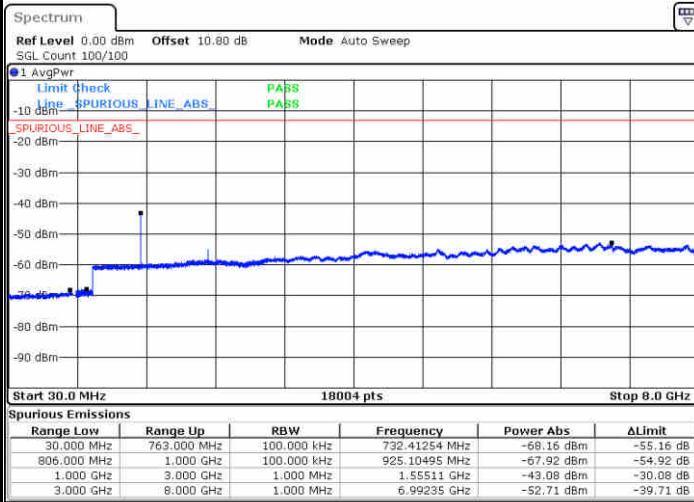


Date: 2.OCT.2017 05:03:22



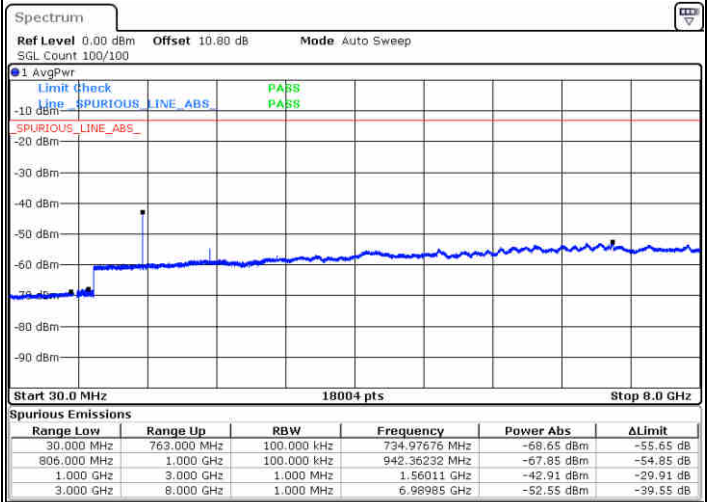
LTE Band 13 / 5MHz

Lowest Channel / 64QAM



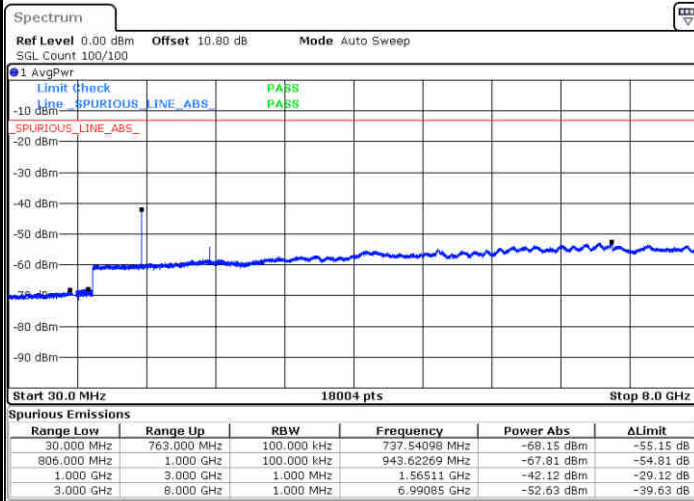
Date: 2.OCT.2017 04:46:11

Middle Channel / 64QAM



Date: 2.OCT.2017 04:47:05

Highest Channel / 64QAM

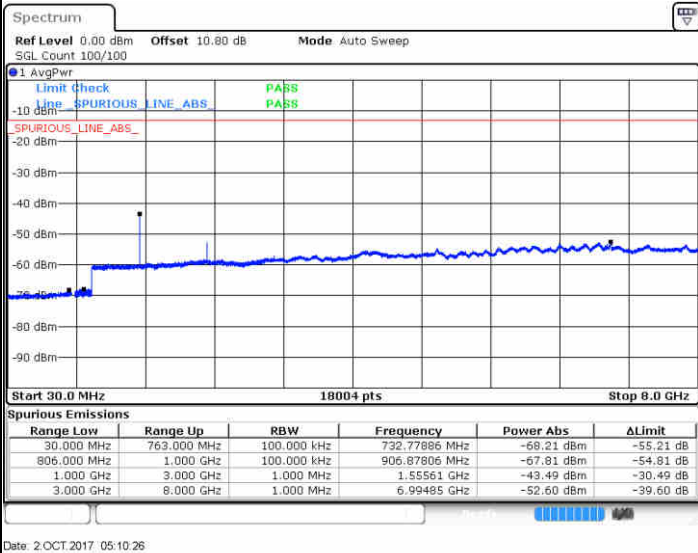


Date: 2.OCT.2017 04:51:56



LTE Band 13 / 10MHz

Middle Channel / 64QAM



Frequency Stability

Test Conditions		LTE Band 13 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0129	PASS
40	Normal Voltage	0.0107	
30	Normal Voltage	0.0127	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0009	
0	Normal Voltage	0.0061	
-10	Normal Voltage	0.0012	
-20	Normal Voltage	0.0133	
-30	Normal Voltage	0.0136	
20	Maximum Voltage	0.0110	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0003	

Note:

1. Normal Voltage =3.3 V. ; Battery End Point (BEP) =3.135 V. ; Maximum Voltage =4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

Test Conditions		LTE Band 13 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 5MHz	Within Band
		Frequency Offset (Δf) (Hz)	Result
50	Normal Voltage	-10.1	PASS
40	Normal Voltage	-8.4	
30	Normal Voltage	-9.9	
20(Ref.)	Normal Voltage	0	
10	Normal Voltage	0.7	
0	Normal Voltage	0	
-10	Normal Voltage	-0.9	
-20	Normal Voltage	-10.4	
-30	Normal Voltage	-10.6	
20	Maximum Voltage	-8.6	
20	Normal Voltage	0	
20	Battery End Point	0.2	

$|\text{MAX}(\Delta f)| = 10.6\text{Hz}$

Frequency Stability	Frequency (MHz)	Limit Line	Result
$f_L - \text{MAX}(\Delta f) $	777.158989	$\geq 777 \text{ MHz}$	PASS
$f_H + \text{MAX}(\Delta f) $	786.850011	$\leq 787 \text{ MHz}$	



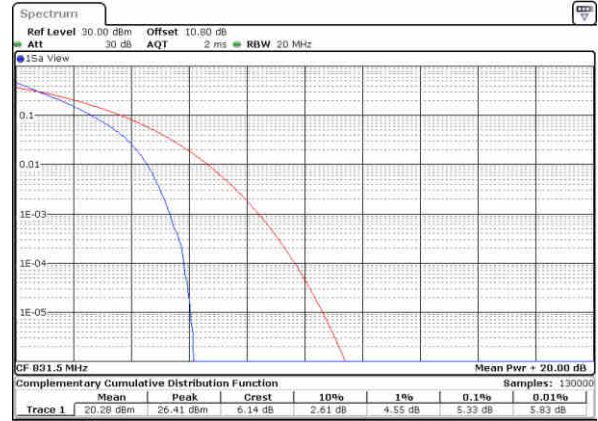
LTE Band 26_Part 22H

Peak-to-Average Ratio

Mode	LTE Band 26 / 15MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.67	5.33	5.68	6.12	PASS
Middle CH	4.46	5.33	5.16	6.14	
Highest CH	4.64	5.13	5.39	6.03	
Mode	LTE Band 26 / 15MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	6.26	6.72	-	-	PASS
Middle CH	6.32	6.61	-	-	
Highest CH	6.52	6.49	-	-	

LTE Band 26 / 15MHz / QPSK
Lowest Channel / 1RB

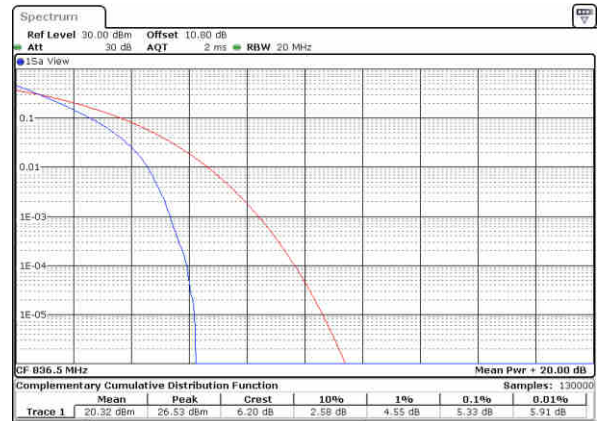

Date: 2.OCT.2017 10:42:21

Lowest Channel / Full RB


Date: 2.OCT.2017 10:41:46

Middle Channel / 1RB


Date: 2.OCT.2017 10:42:31

Middle Channel / Full RB


Date: 2.OCT.2017 10:43:56

Highest Channel / 1RB


Date: 2.OCT.2017 10:44:59

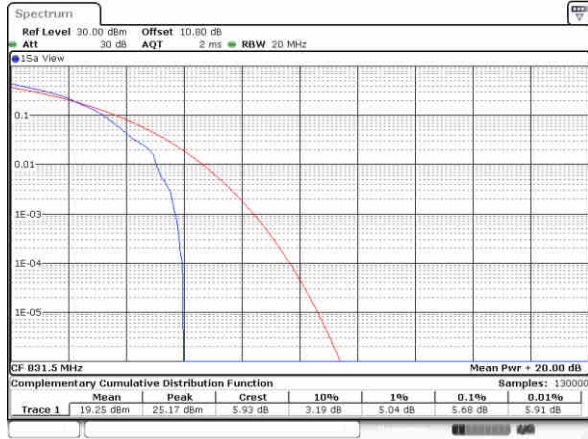
Highest Channel / Full RB


Date: 2.OCT.2017 10:44:57

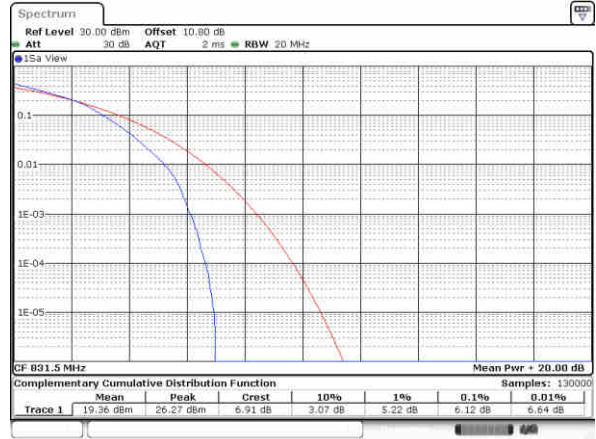


LTE Band 26 / 15MHz / 16QAM

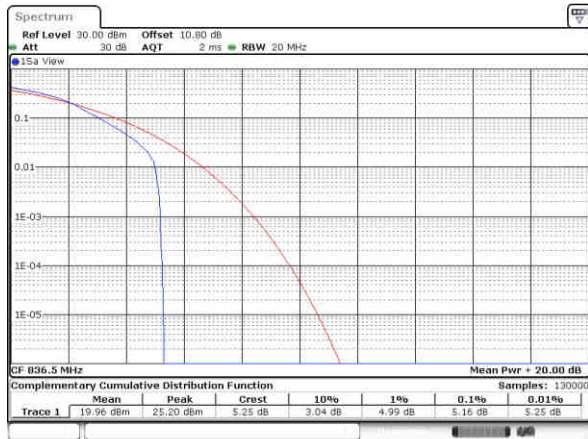
Lowest Channel / 1RB



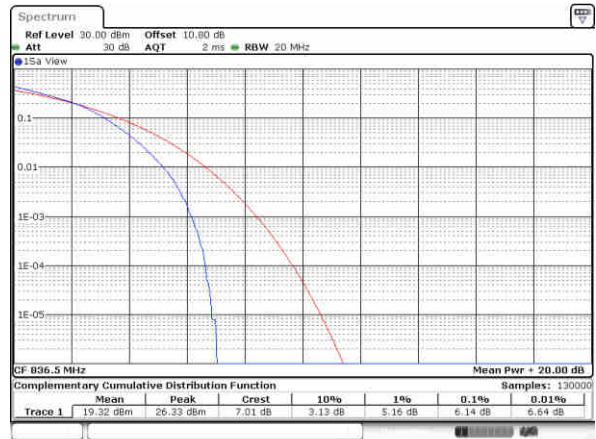
Lowest Channel / Full RB



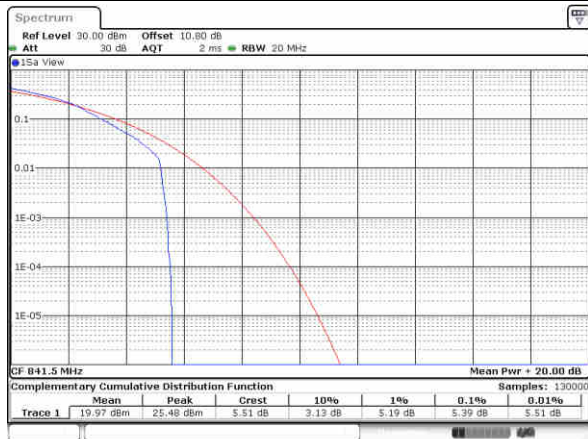
Middle Channel / 1RB



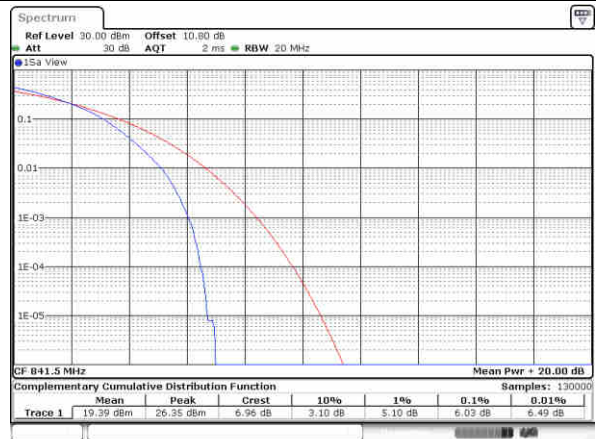
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB





LTE Band 26 / 15MHz / 64QAM

Lowest Channel / 1RB



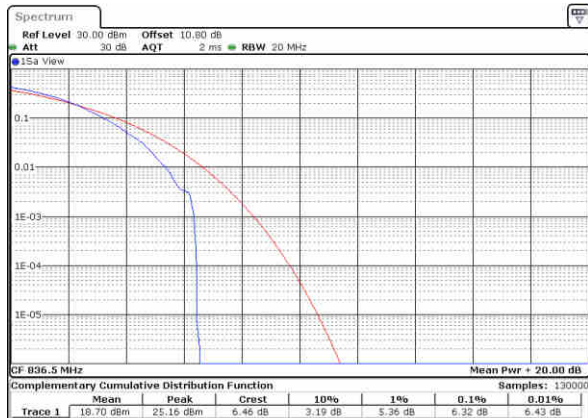
Date: 2.OCT.2017 11:55:57

Lowest Channel / Full RB



Date: 2.OCT.2017 11:55:43

Middle Channel / 1RB



Date: 2.OCT.2017 11:56:09

Middle Channel / Full RB



Date: 2.OCT.2017 11:56:16

Highest Channel / 1RB



Date: 2.OCT.2017 12:00:40

Highest Channel / Full RB



Date: 2.OCT.2017 12:00:24

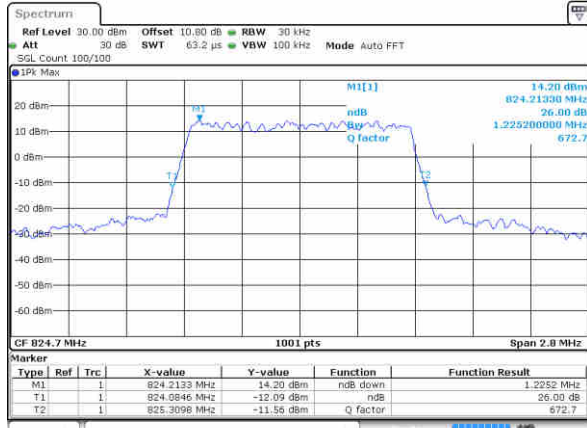
**26dB Bandwidth**

Mode	LTE Band 26 : 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	1.23	1.23	3.00	2.99	4.95	4.84	9.71	9.69	14.24	14.33	-	-
Middle CH	1.23	1.23	3.00	3.00	4.90	4.88	9.75	9.75	14.39	14.42	-	-
Highest CH	1.23	1.22	3.01	3.03	4.86	4.88	9.69	9.87	14.24	14.36	-	-
Mode	LTE Band 26 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.22	-	3.02	-	4.93	-	9.69	-	14.39	-	-	-
Middle CH	1.21	-	3.01	-	4.91	-	9.97	-	14.36	-	-	-
Highest CH	1.23	-	3.04	-	4.87	-	9.75	-	14.39	-	-	-



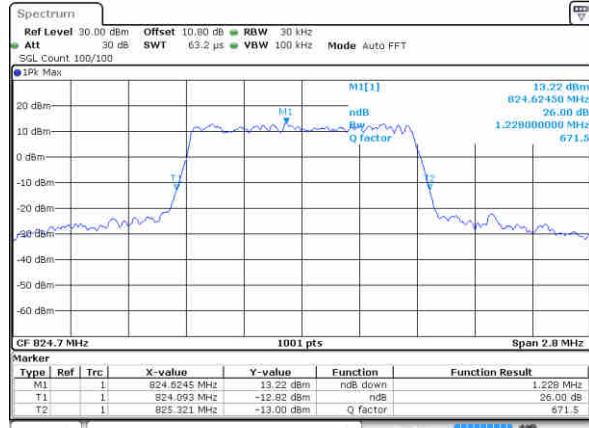
LTE Band 26

Lowest Channel / 1.4MHz / QPSK



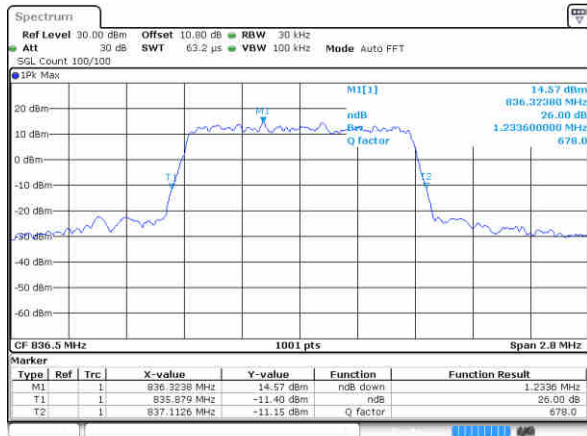
Date: 2.OCT.2017 09:15:30

Lowest Channel / 1.4MHz / 16QAM



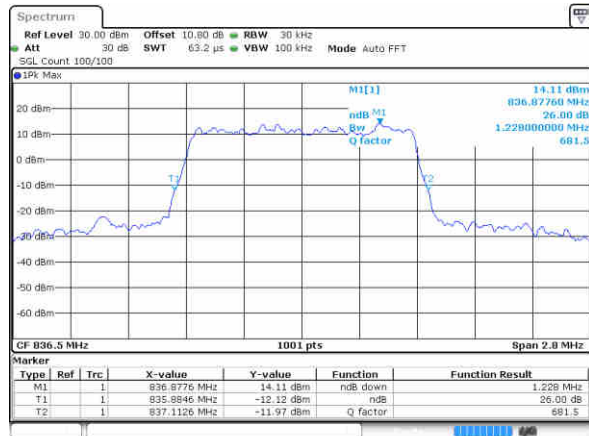
Date: 2.OCT.2017 09:15:20

Middle Channel / 1.4MHz / QPSK



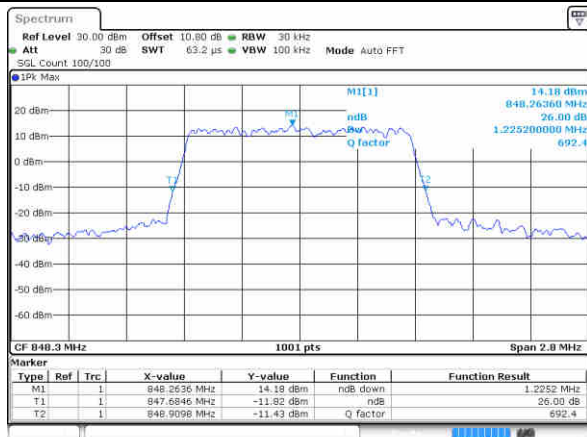
Date: 2.OCT.2017 09:23:15

Middle Channel / 1.4MHz / 16QAM



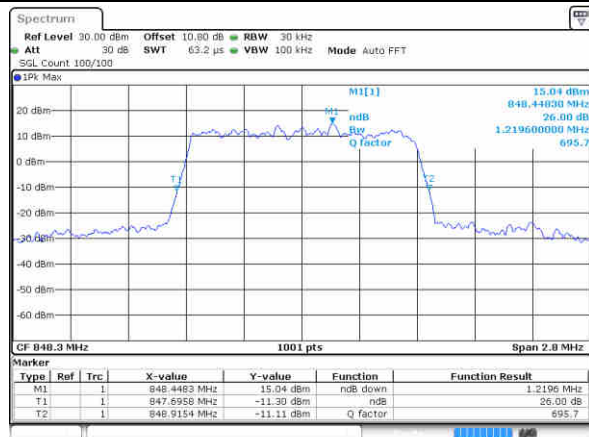
Date: 2.OCT.2017 09:23:05

Highest Channel / 1.4MHz / QPSK



Date: 2.OCT.2017 09:25:42

Highest Channel / 1.4MHz / 16QAM

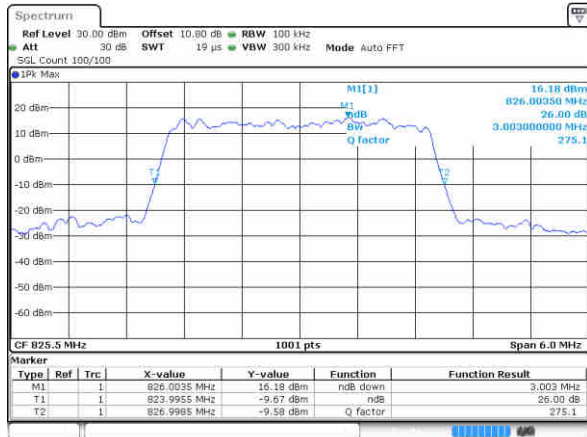


Date: 2.OCT.2017 09:25:32

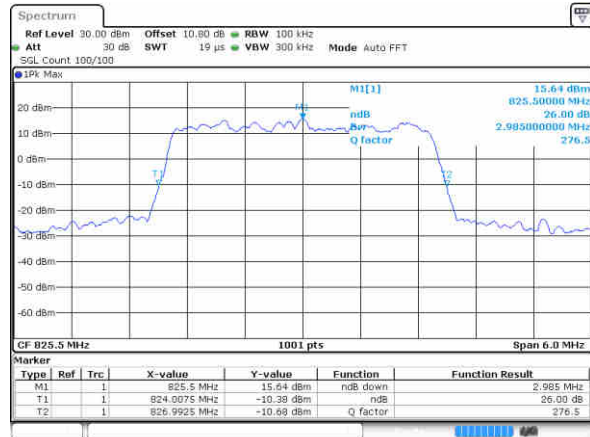


LTE Band 26

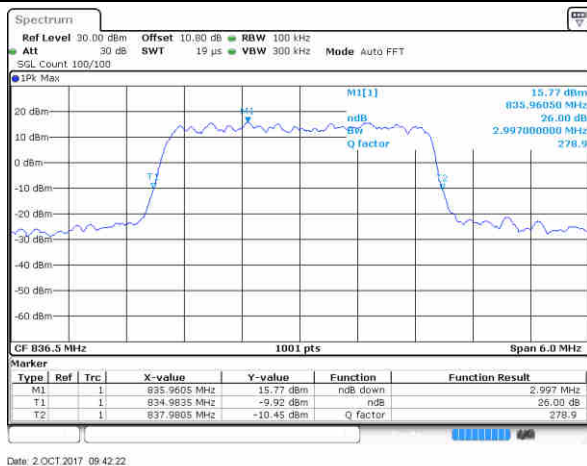
Lowest Channel / 3MHz / QPSK



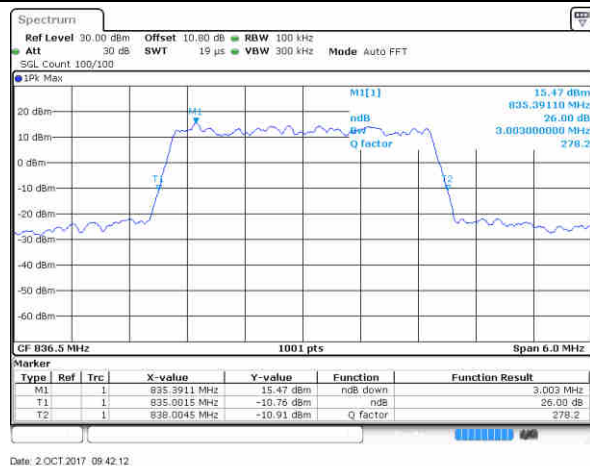
Lowest Channel / 3MHz / 16QAM



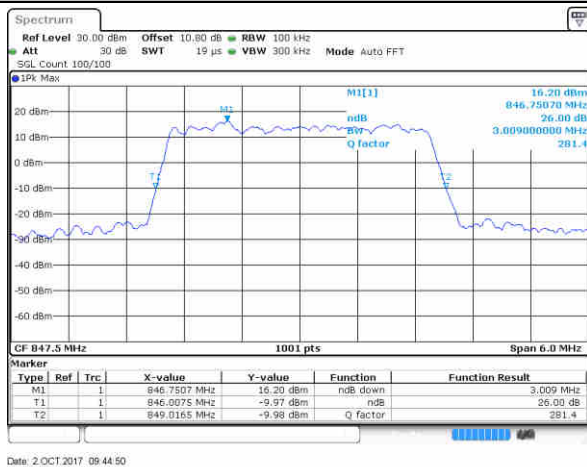
Middle Channel / 3MHz / QPSK



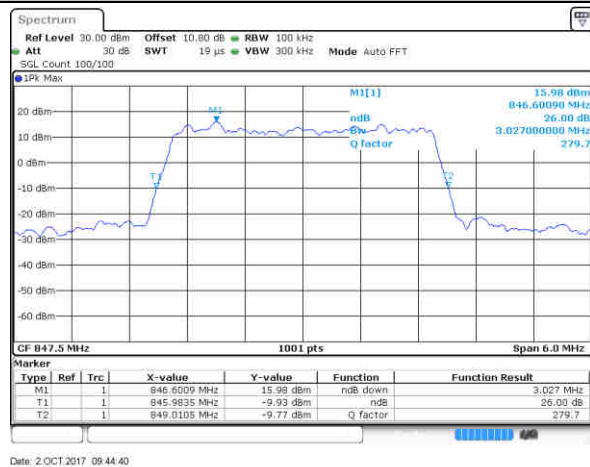
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



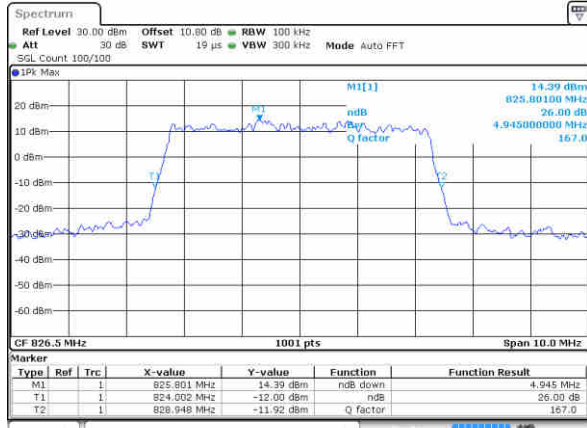
Highest Channel / 3MHz / 16QAM



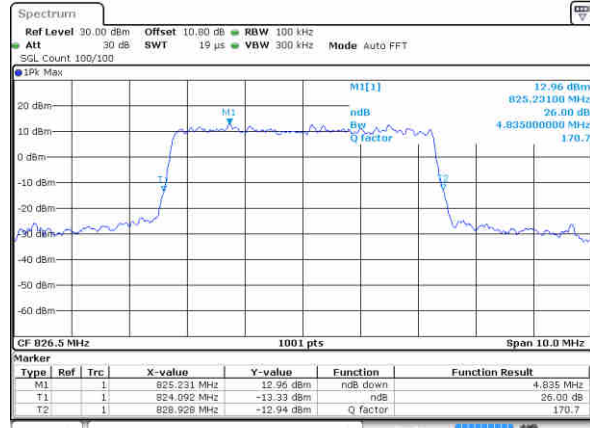


LTE Band 26

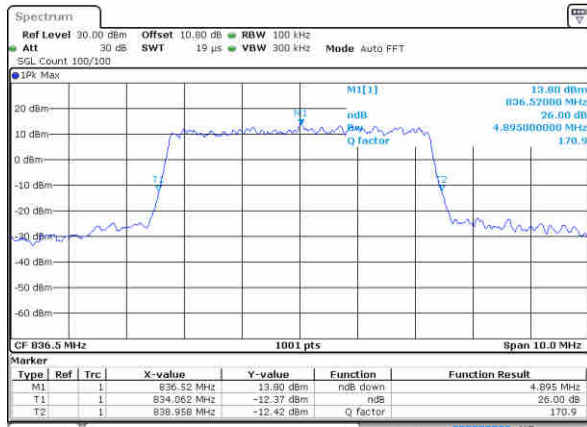
Lowest Channel / 5MHz / QPSK



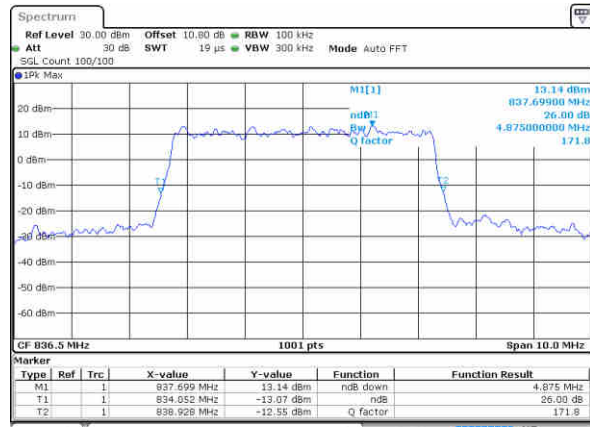
Lowest Channel / 5MHz / 16QAM



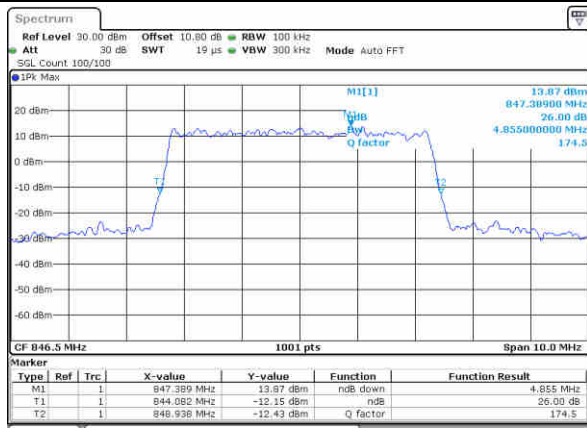
Middle Channel / 5MHz / QPSK



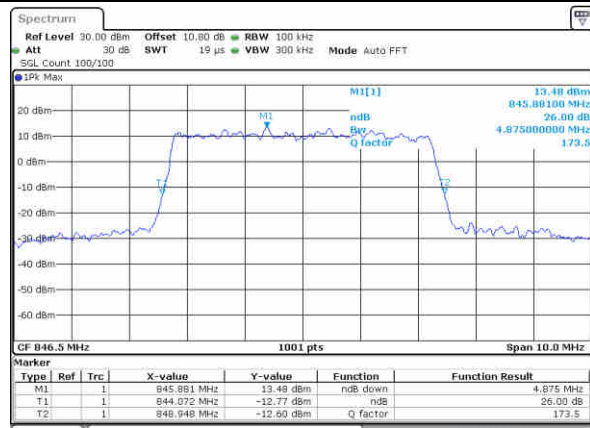
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



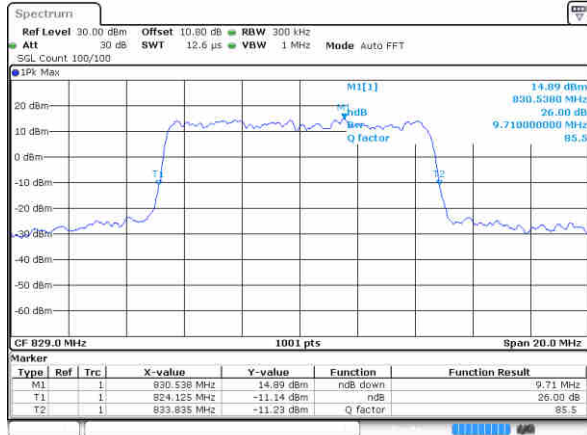
Highest Channel / 5MHz / 16QAM



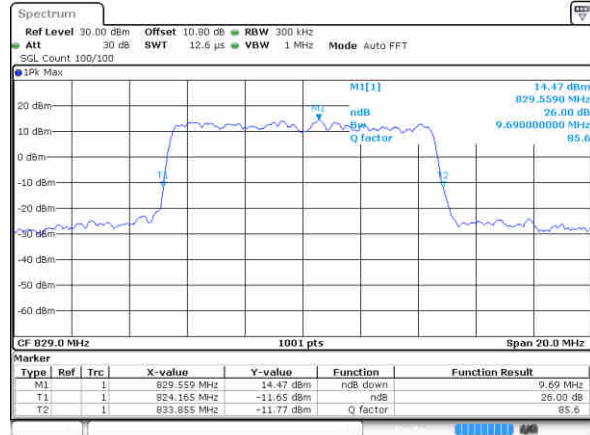


LTE Band 26

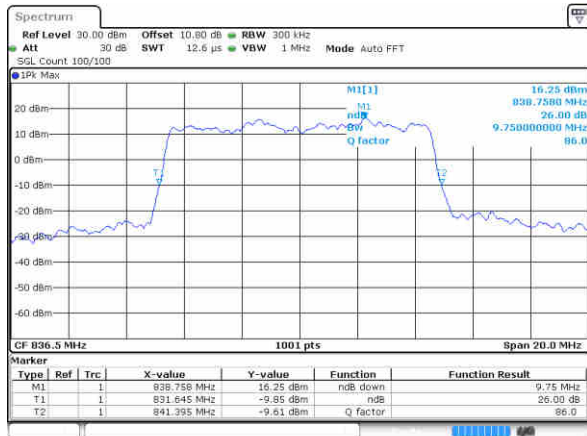
Lowest Channel / 10MHz / QPSK



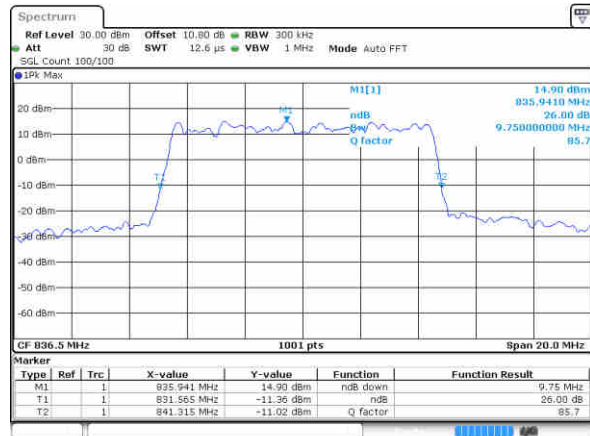
Lowest Channel / 10MHz / 16QAM



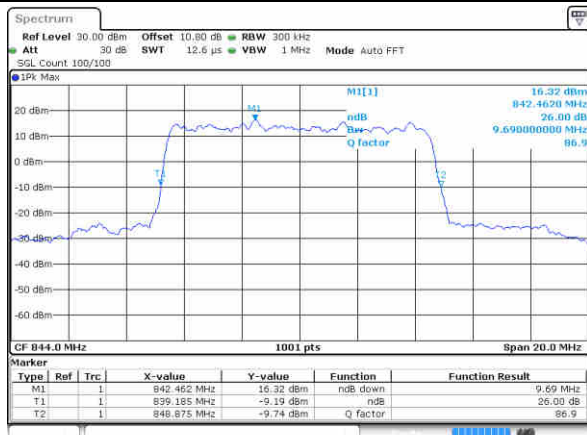
Middle Channel / 10MHz / QPSK



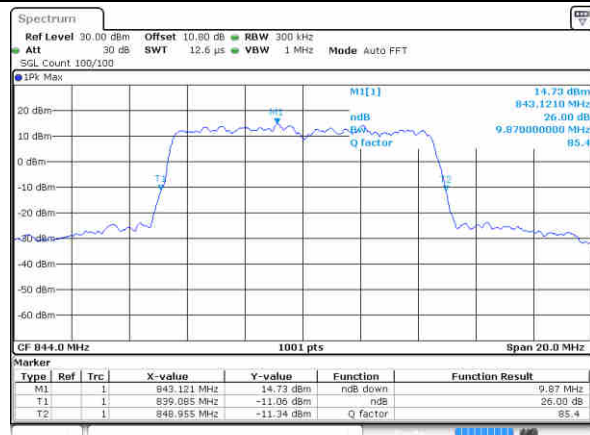
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



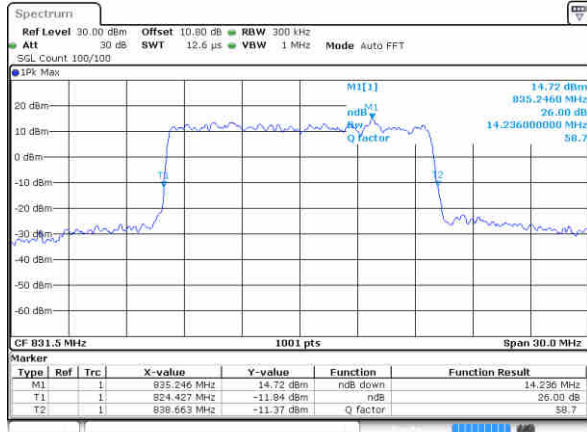
Highest Channel / 10MHz / 16QAM



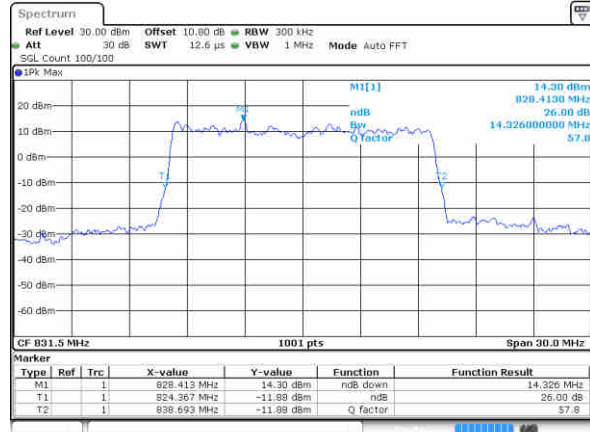


LTE Band 26

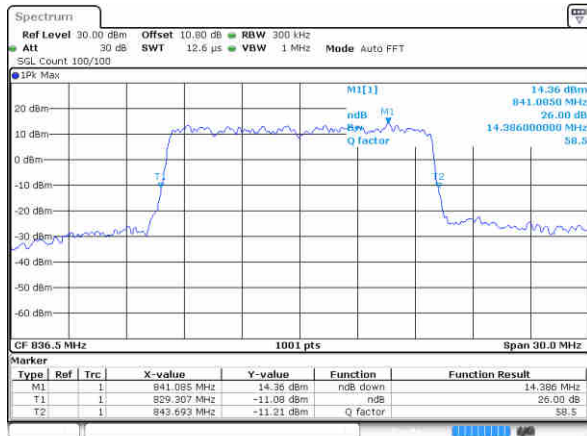
Lowest Channel / 15MHz / QPSK



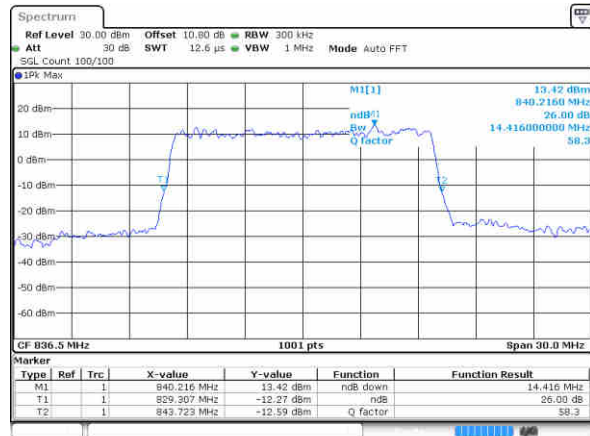
Lowest Channel / 15MHz / 16QAM



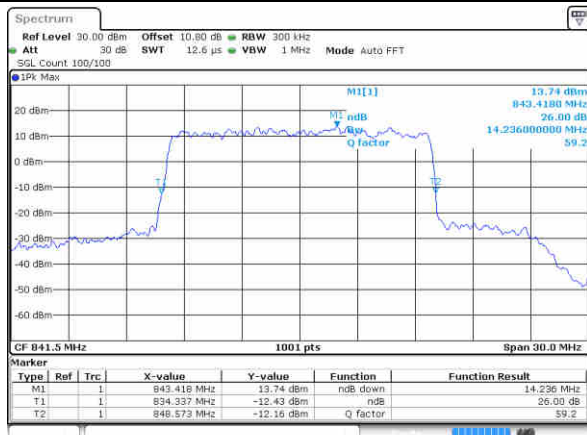
Middle Channel / 15MHz / QPSK



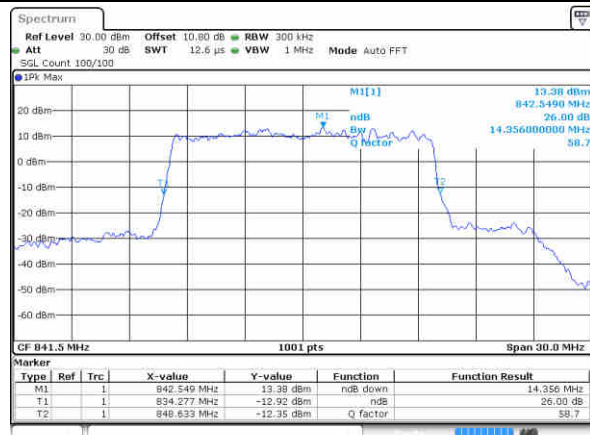
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



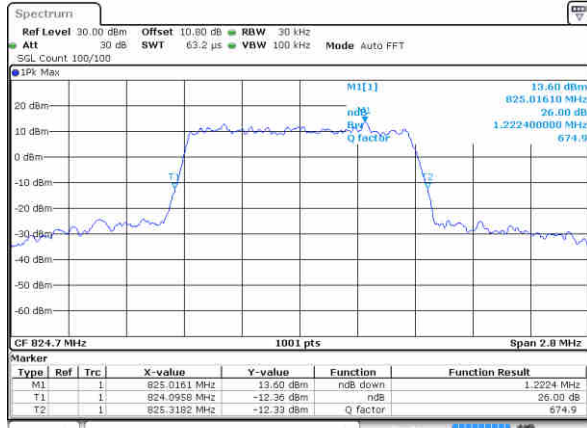
Highest Channel / 15MHz / 16QAM





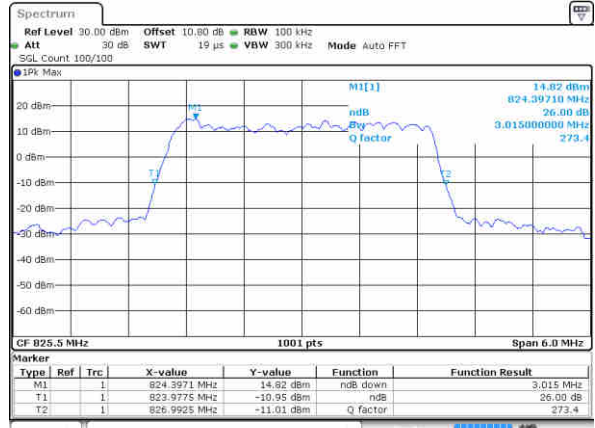
LTE Band 26

Lowest Channel / 1.4MHz / 64QAM



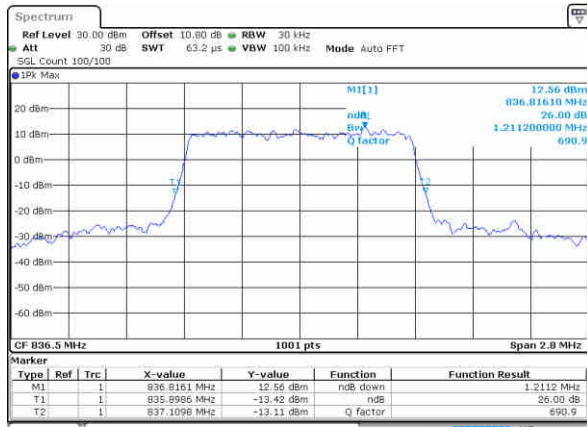
Date: 2.OCT.2017 14:55:29

Lowest Channel / 3MHz / 64QAM



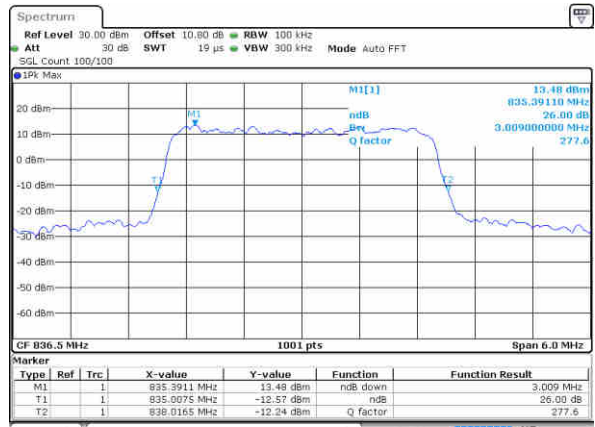
Date: 2.OCT.2017 11:22:22

Middle Channel / 1.4MHz / 64QAM



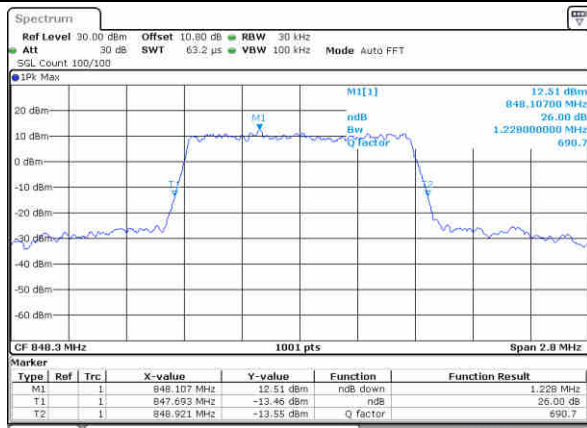
Date: 2.OCT.2017 11:15:54

Middle Channel / 3MHz / 64QAM



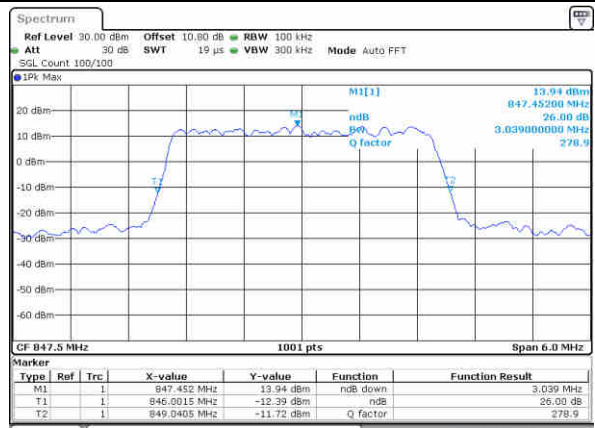
Date: 2.OCT.2017 11:25:53

Highest Channel / 1.4MHz / 64QAM



Date: 2.OCT.2017 11:17:07

Highest Channel / 3MHz / 64QAM

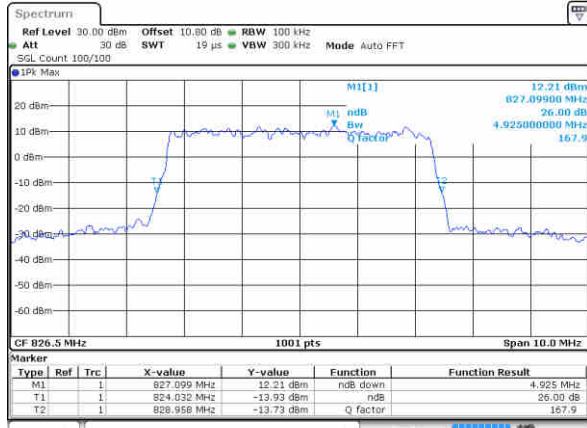


Date: 2.OCT.2017 11:27:07



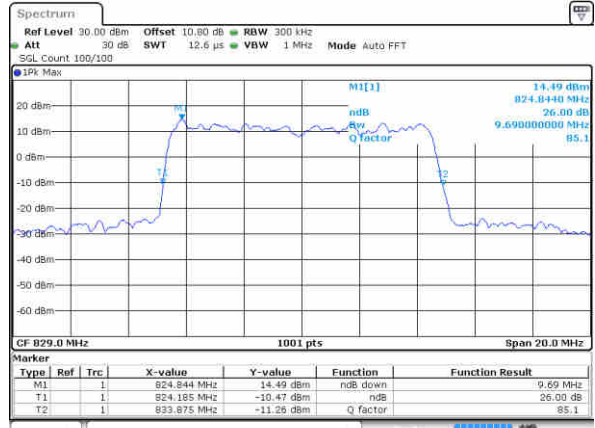
LTE Band 26

Lowest Channel / 5MHz / 64QAM



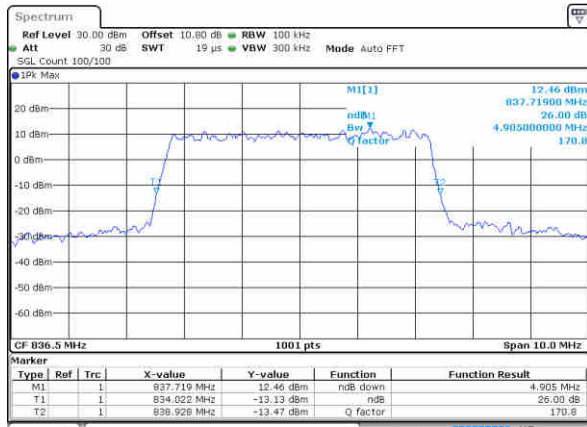
Date: 2.OCT.2017 11:30:38

Lowest Channel / 10MHz / 64QAM



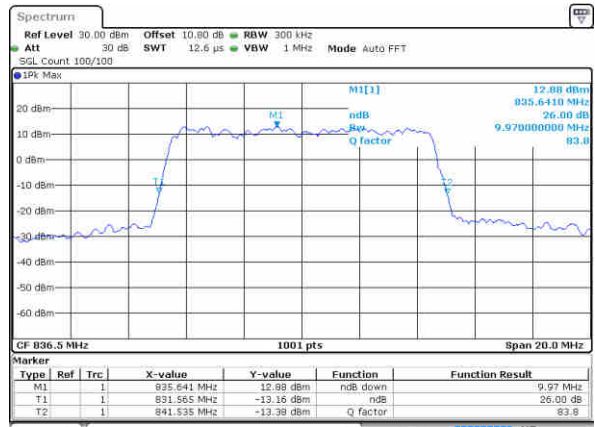
Date: 2.OCT.2017 11:38:54

Middle Channel / 5MHz / 64QAM



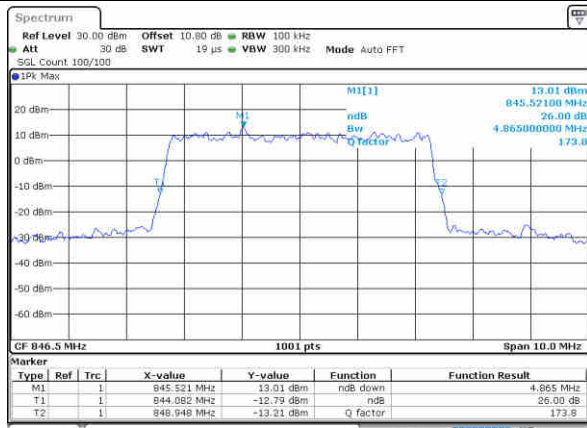
Date: 2.OCT.2017 11:34:09

Middle Channel / 10MHz / 64QAM



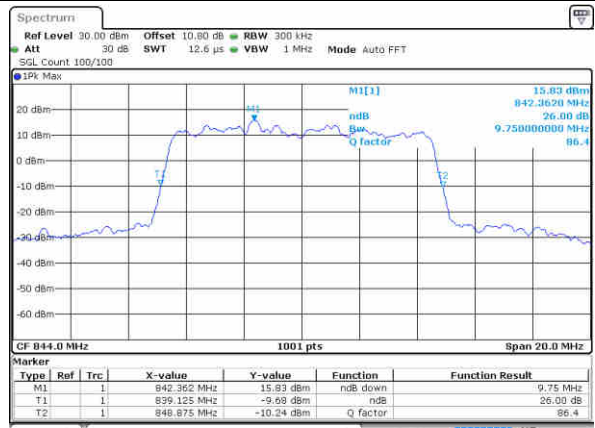
Date: 2.OCT.2017 11:42:25

Highest Channel / 5MHz / 64QAM



Date: 2.OCT.2017 11:35:23

Highest Channel / 10MHz / 64QAM

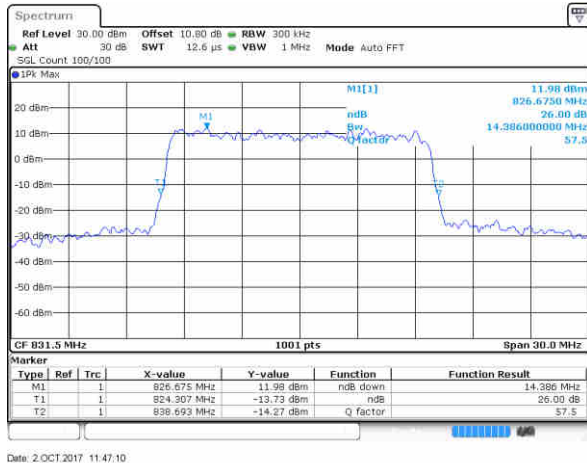


Date: 2.OCT.2017 11:43:39

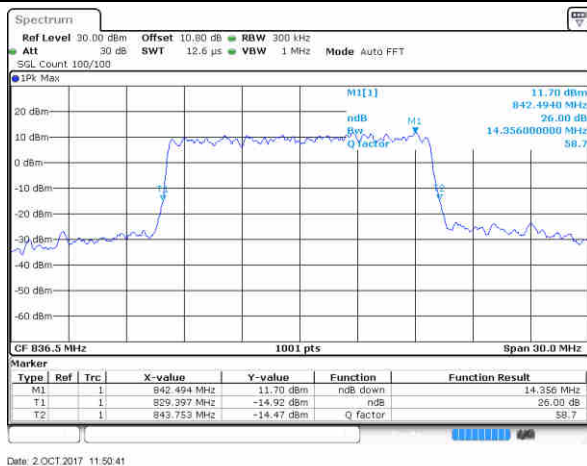


LTE Band 26

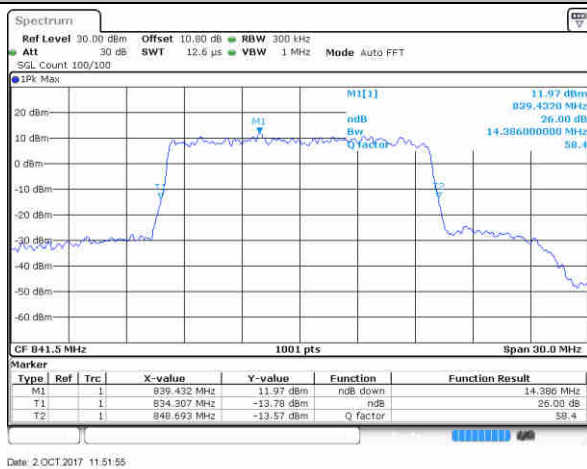
Lowest Channel / 15MHz / 64QAM



Middle Channel / 15MHz / 64QAM



Highest Channel / 15MHz / 64QAM



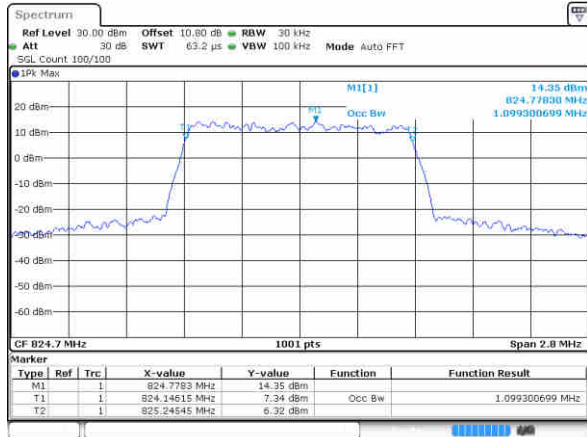
**Occupied Bandwidth**

Mode	LTE Band 26 : 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	1.1	1.08	2.72	2.73	4.49	4.47	9.07	9.05	13.46	13.52	-	-
Middle CH	1.09	1.09	2.71	2.72	4.49	4.49	9.05	8.99	13.4	13.4	-	-
Highest CH	1.09	1.09	2.72	2.73	4.5	4.49	9.01	9.01	13.37	13.43	-	-
Mode	LTE Band 26 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.09	-	2.71	-	4.5	-	9.05	-	13.52	-	-	-
Middle CH	1.1	-	2.72	-	4.49	-	9.03	-	13.43	-	-	-
Highest CH	1.09	-	2.7	-	4.51	-	9.03	-	13.46	-	-	-

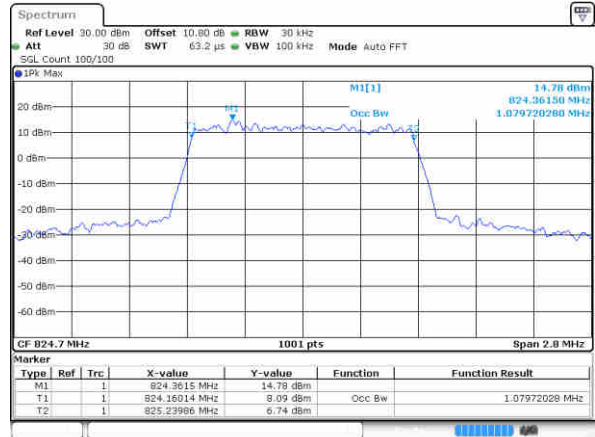


LTE Band 26

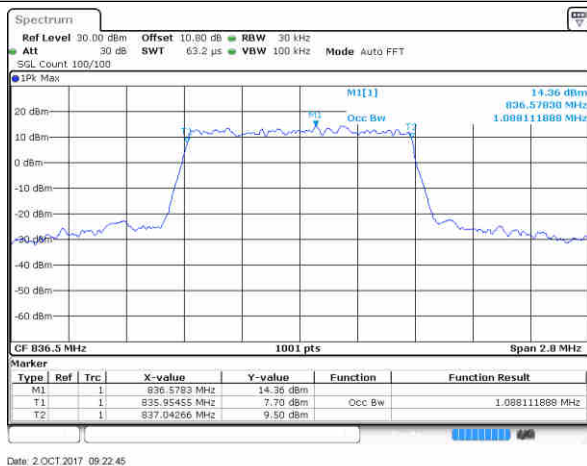
Lowest Channel / 1.4MHz / QPSK



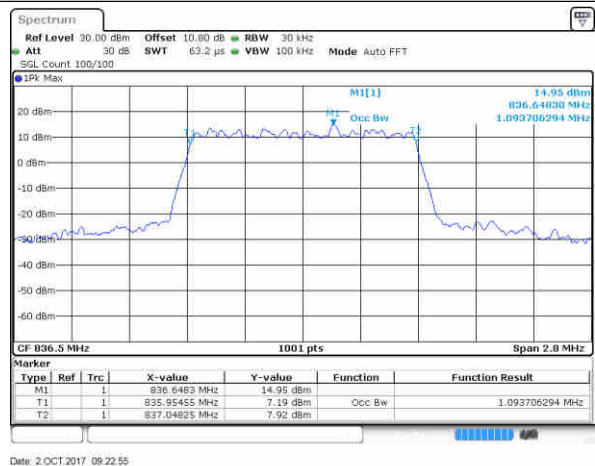
Lowest Channel / 1.4MHz / 16QAM



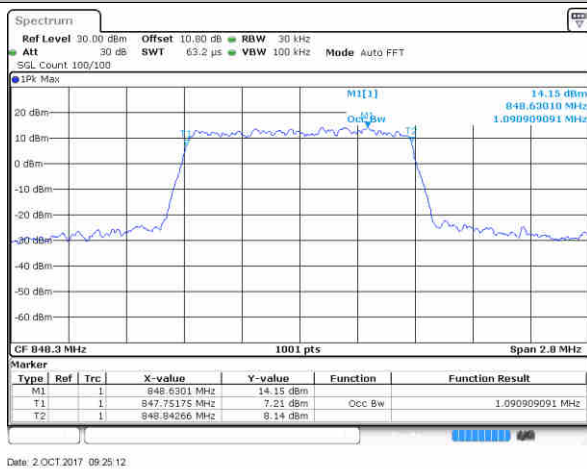
Middle Channel / 1.4MHz / QPSK



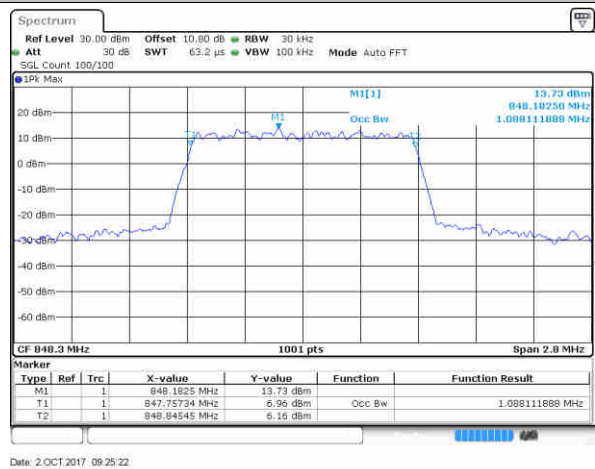
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



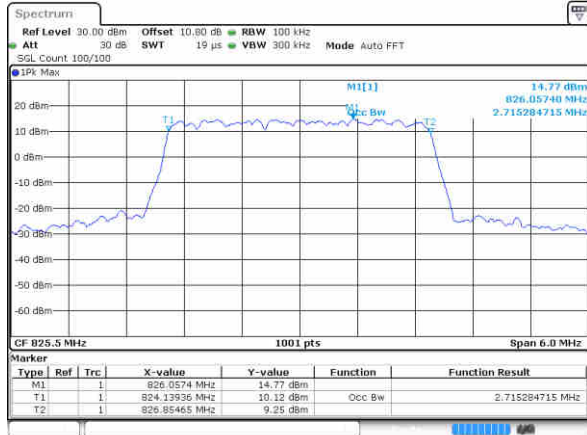
Highest Channel / 1.4MHz / 16QAM



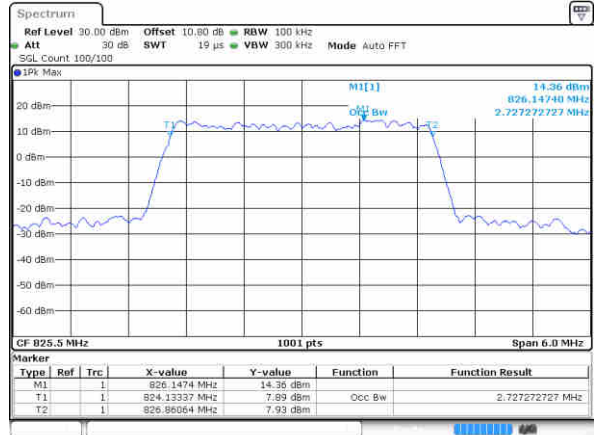


LTE Band 26

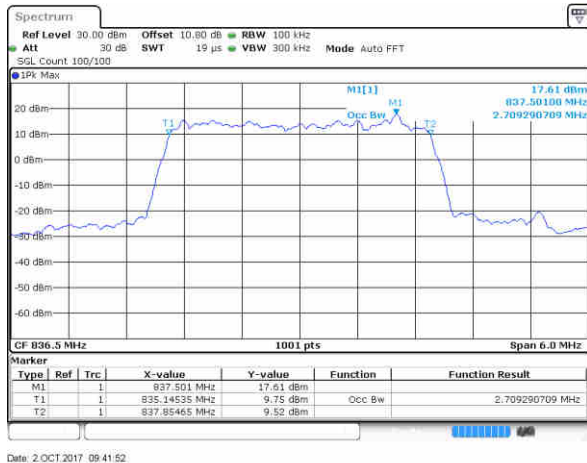
Lowest Channel / 3MHz / QPSK



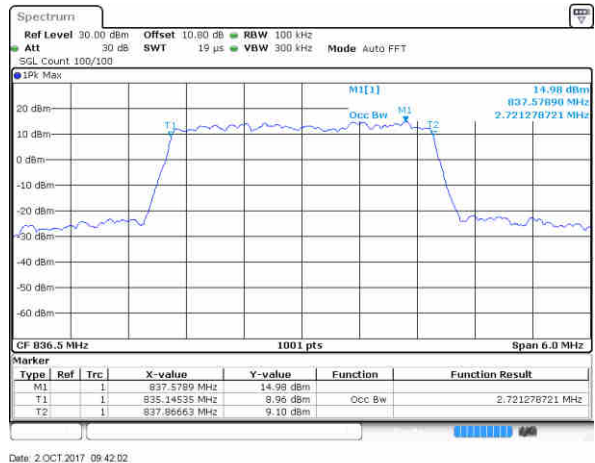
Lowest Channel / 3MHz / 16QAM



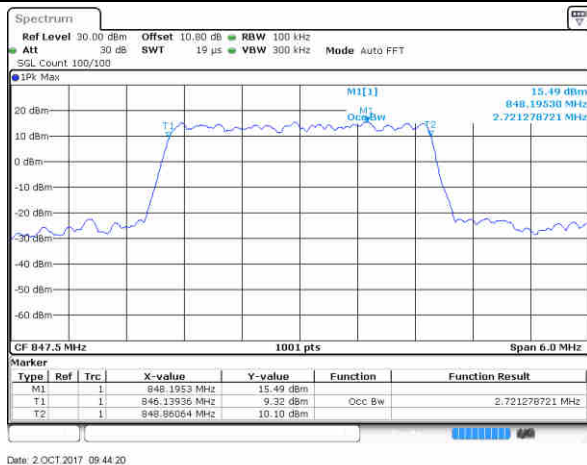
Middle Channel / 3MHz / QPSK



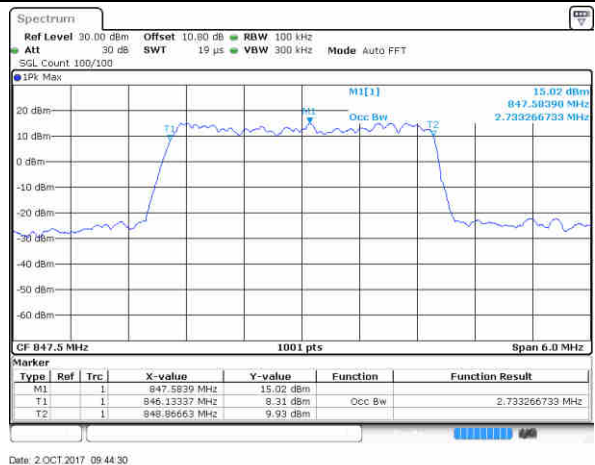
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



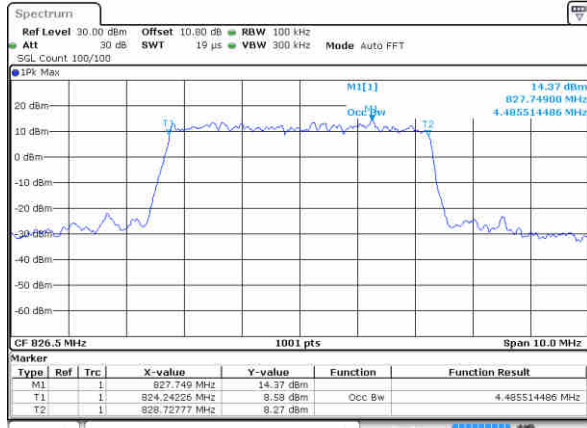
Highest Channel / 3MHz / 16QAM





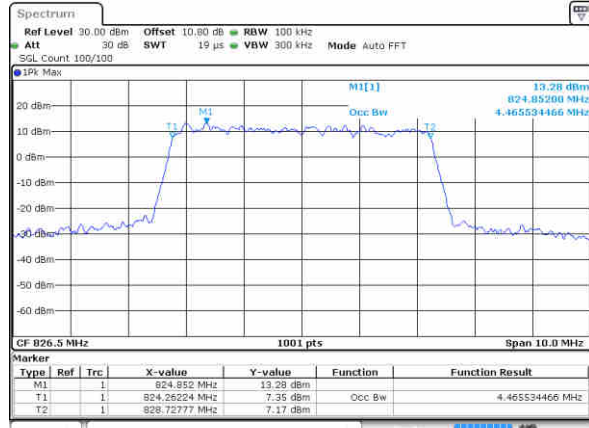
LTE Band 26

Lowest Channel / 5MHz / QPSK



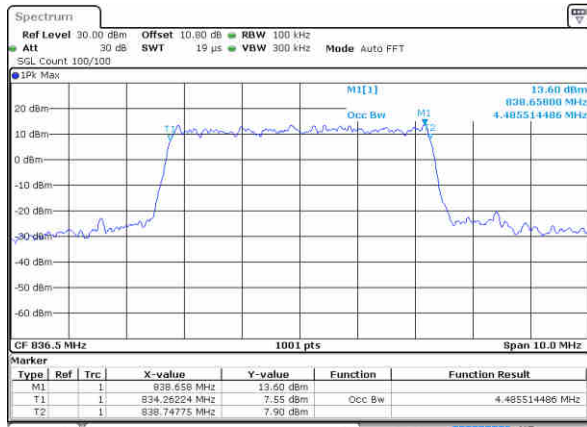
Date: 2.OCT.2017 09:51:22

Lowest Channel / 5MHz / 16QAM



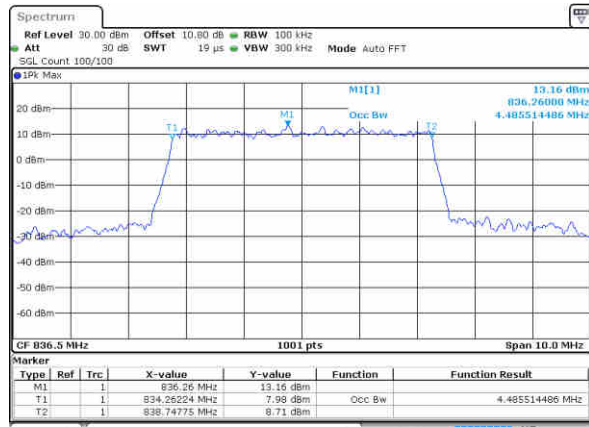
Date: 2.OCT.2017 09:51:32

Middle Channel / 5MHz / QPSK



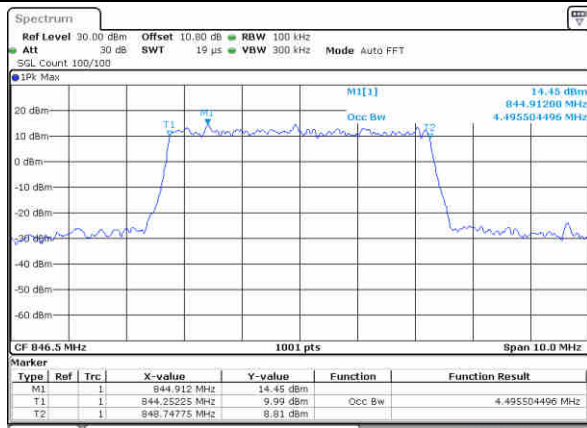
Date: 2.OCT.2017 09:58:25

Middle Channel / 5MHz / 16QAM



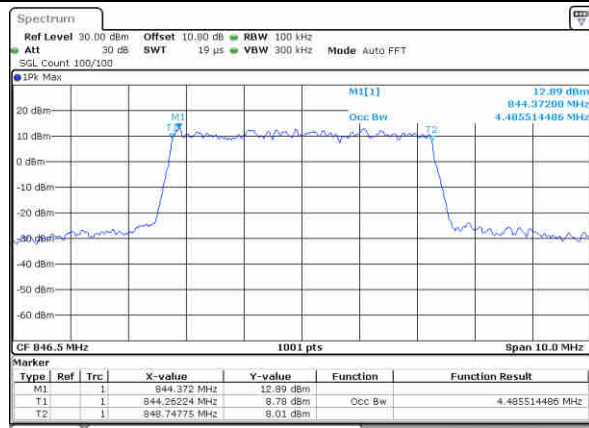
Date: 2.OCT.2017 09:58:35

Highest Channel / 5MHz / QPSK



Date: 2.OCT.2017 10:00:53

Highest Channel / 5MHz / 16QAM



Date: 2.OCT.2017 10:01:03