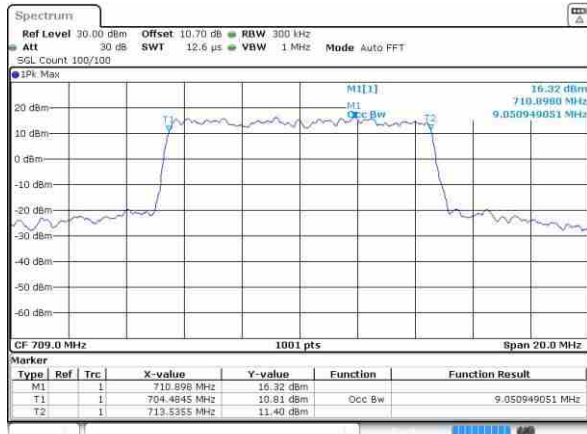


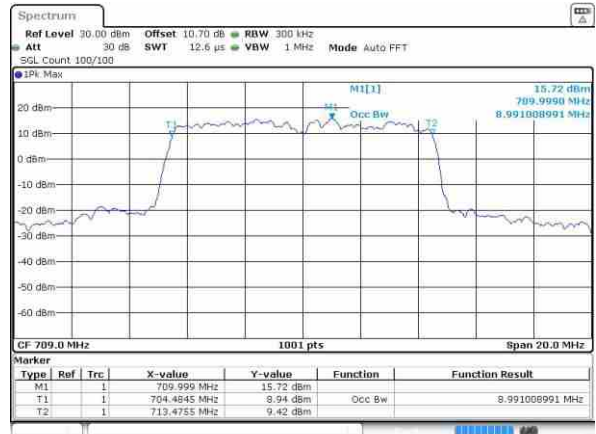


LTE Band 17

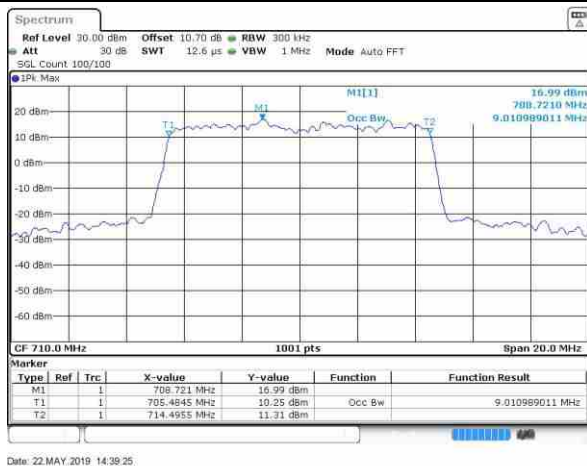
Lowest Channel / 10MHz / QPSK



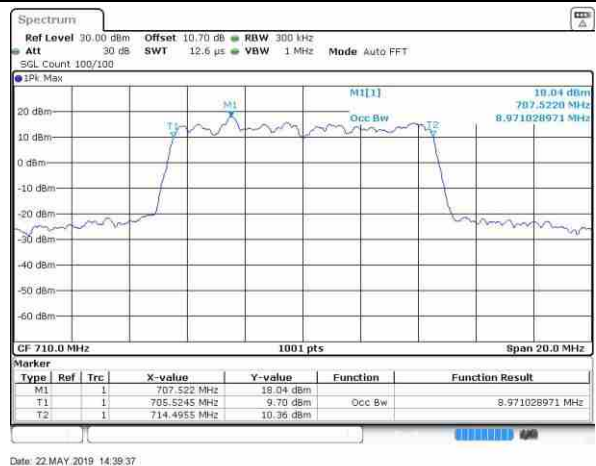
Lowest Channel / 10MHz / 16QAM



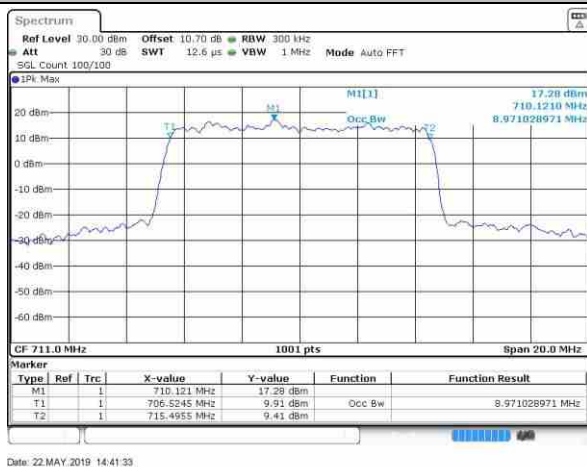
Middle Channel / 10MHz / QPSK



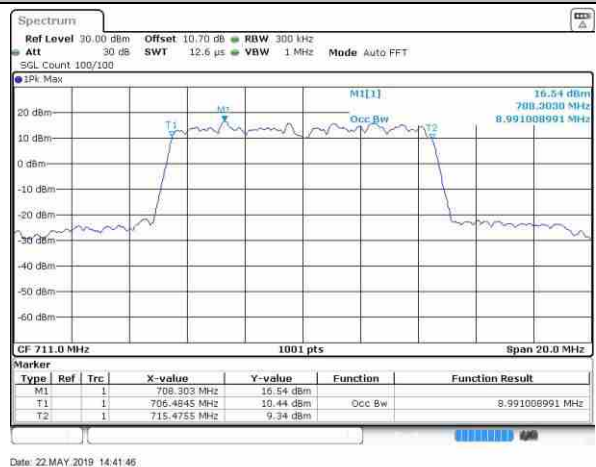
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



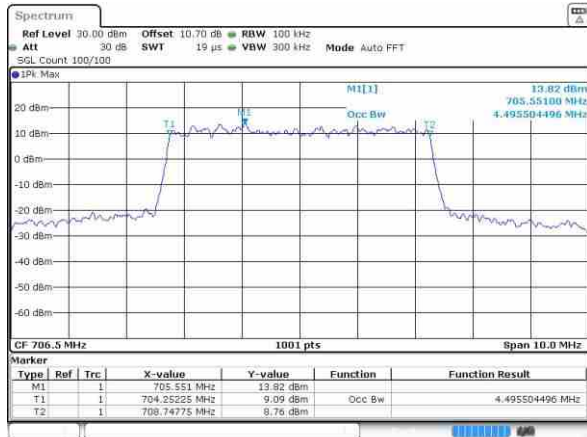
Highest Channel / 10MHz / 16QAM



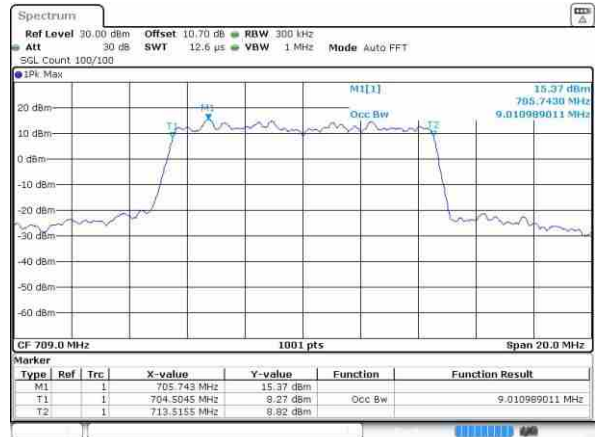


LTE Band 17

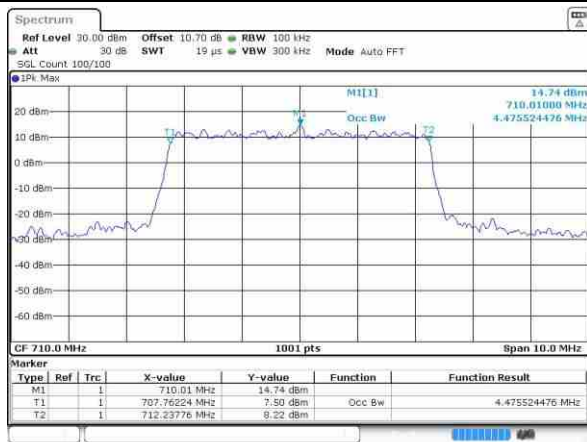
Lowest Channel / 5MHz / 64QAM



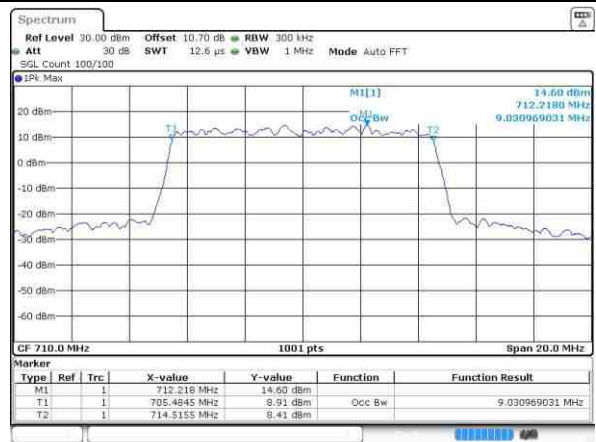
Lowest Channel / 10MHz / 64QAM



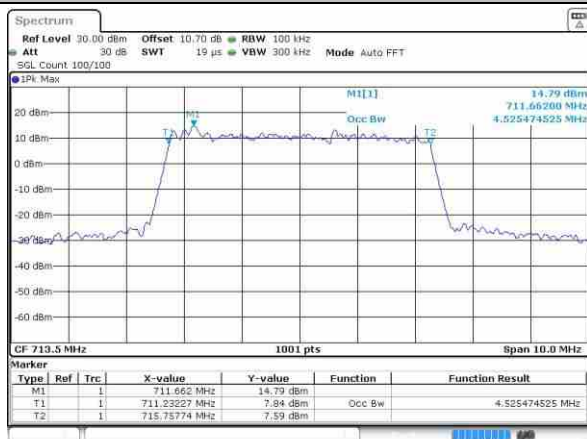
Middle Channel / 5MHz / 64QAM



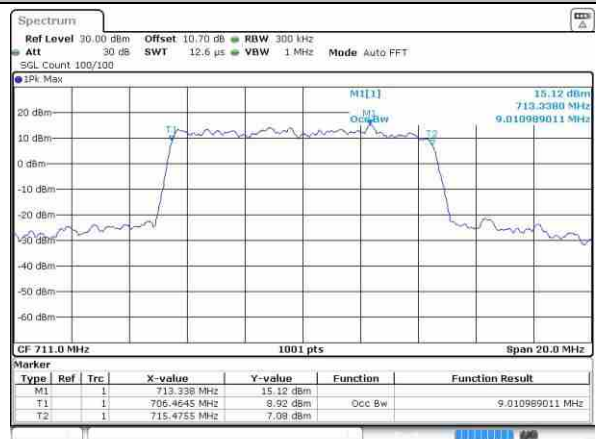
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



Highest Channel / 10MHz / 64QAM



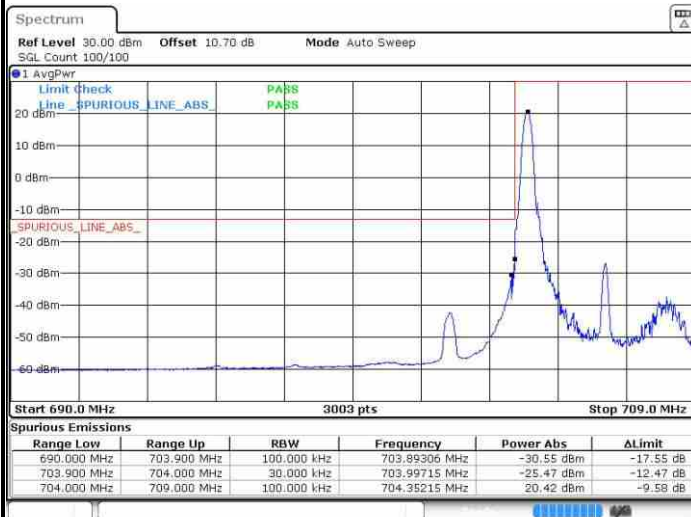


Conducted Band Edge

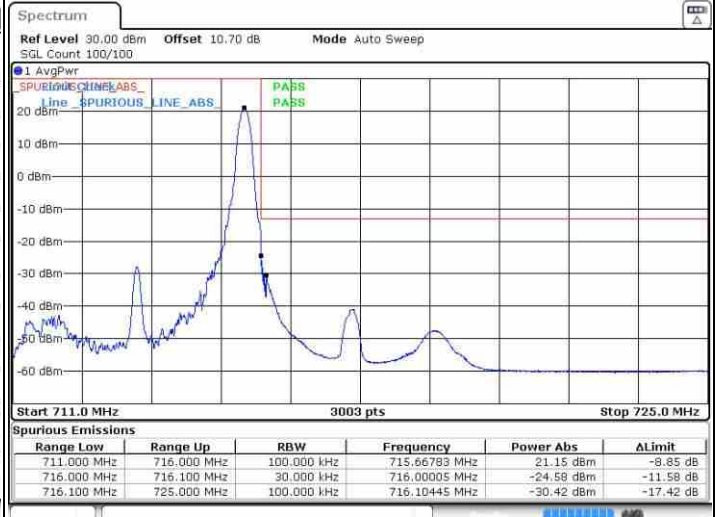


LTE Band 17 / 5MHz / QPSK

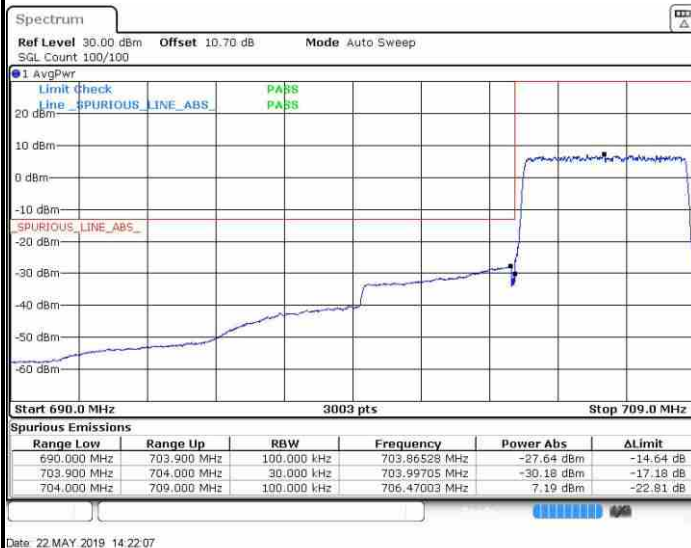
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



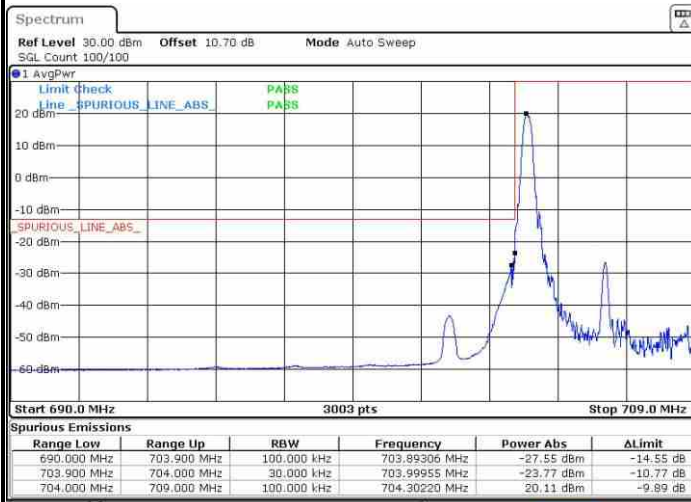
Highest Band Edge / Full RB



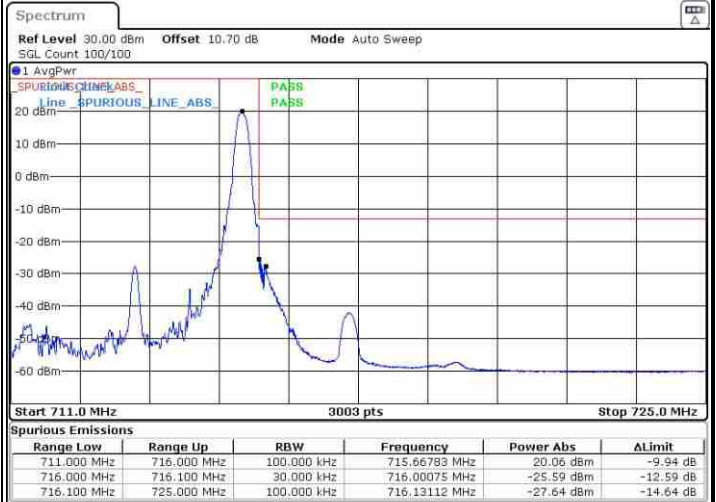


LTE Band 17 / 5MHz / 16QAM

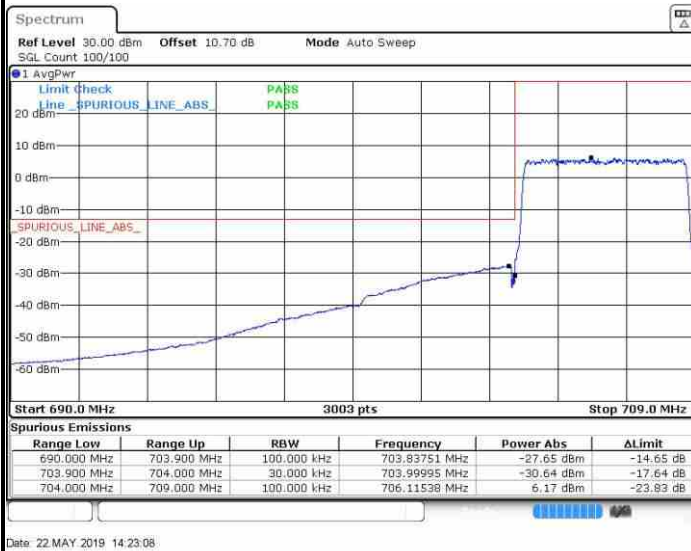
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



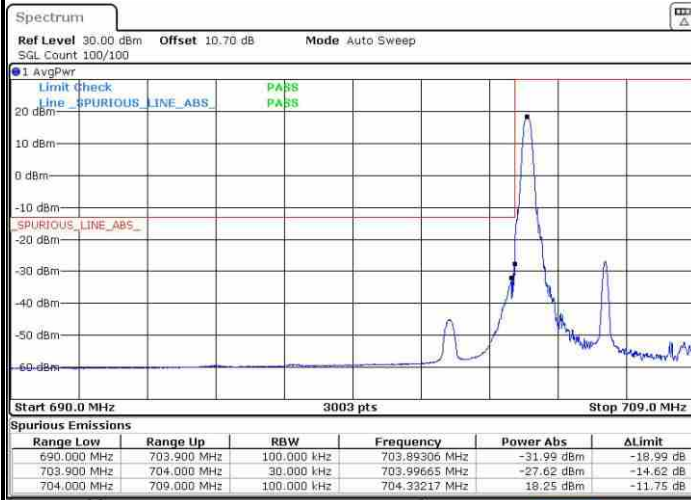
Highest Band Edge / Full RB



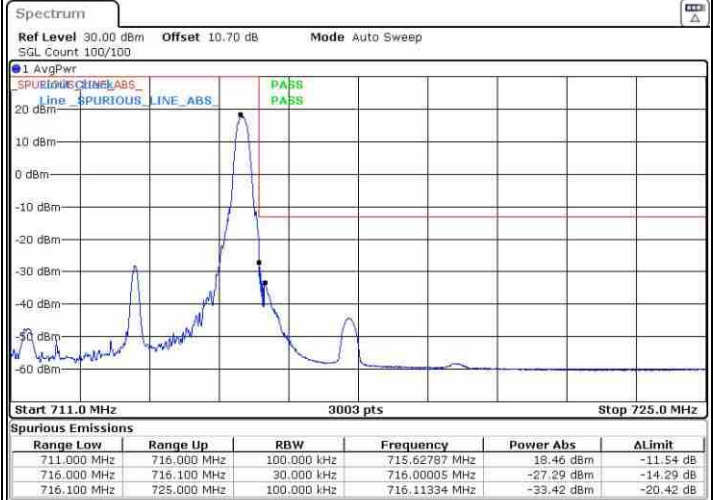


LTE Band 17 / 5MHz / 64QAM

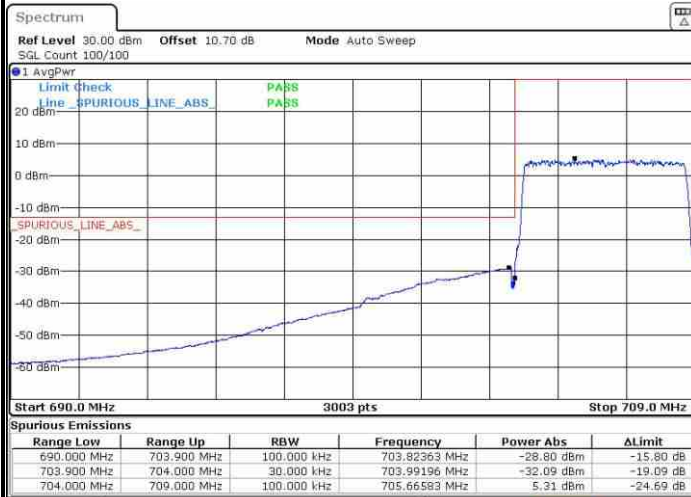
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



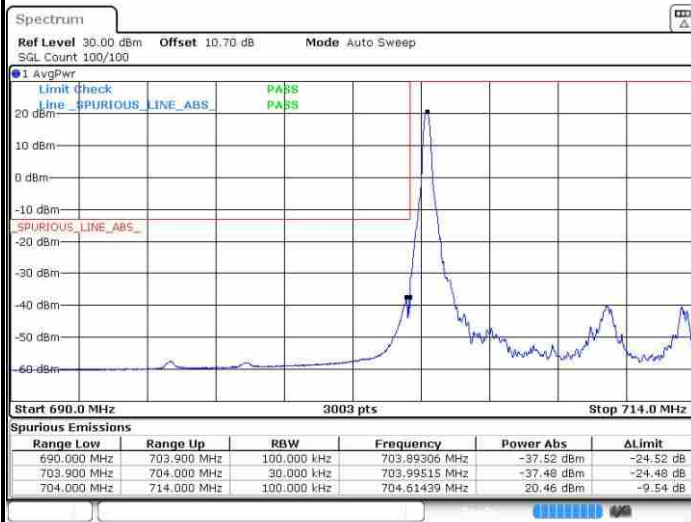
Highest Band Edge / Full RB



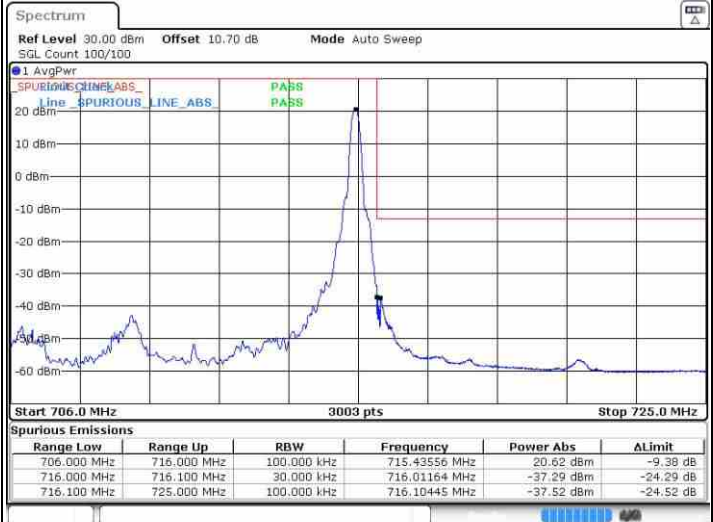


LTE Band 17 / 10MHz / QPSK

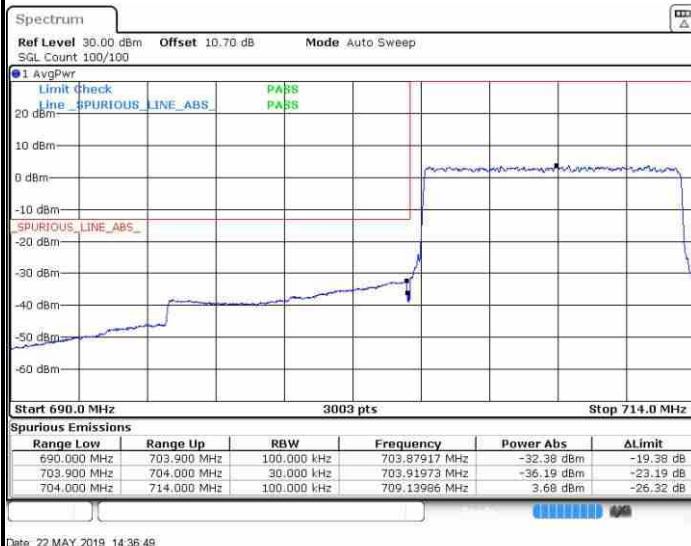
Lowest Band Edge / 1 RB



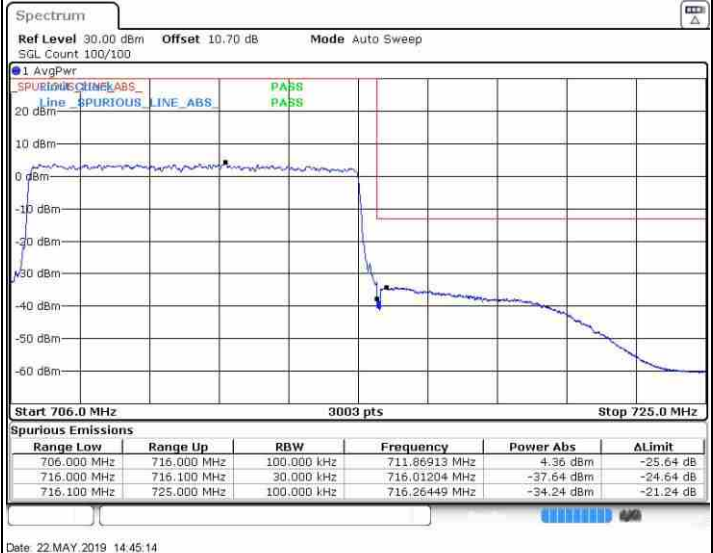
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



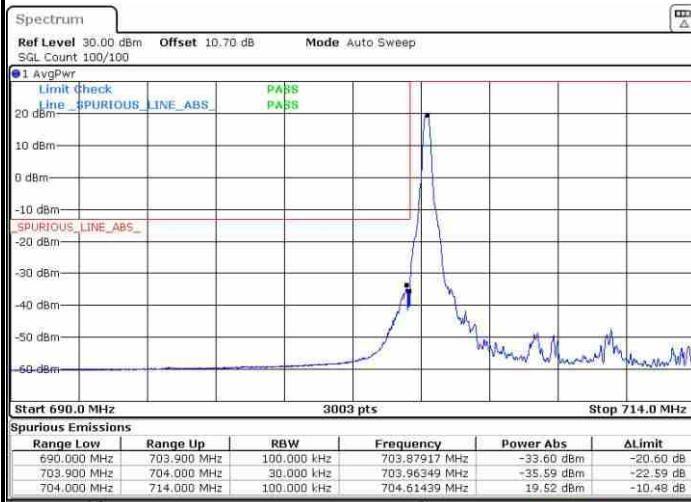
Highest Band Edge / Full RB



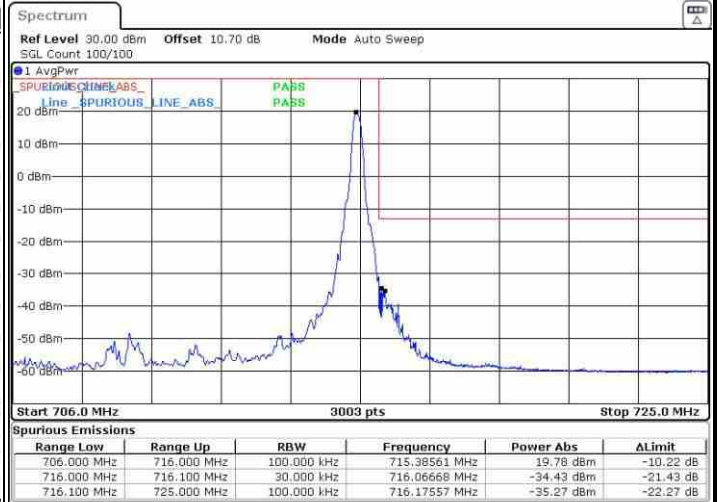


LTE Band 17 / 10MHz / 16QAM

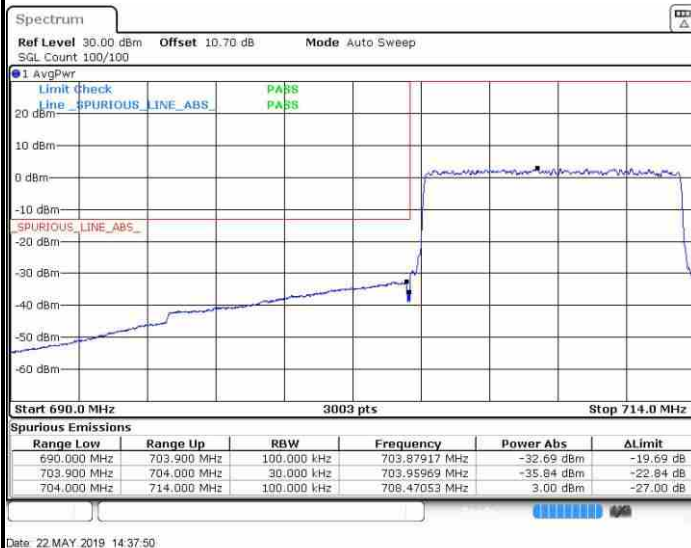
Lowest Band Edge / 1 RB



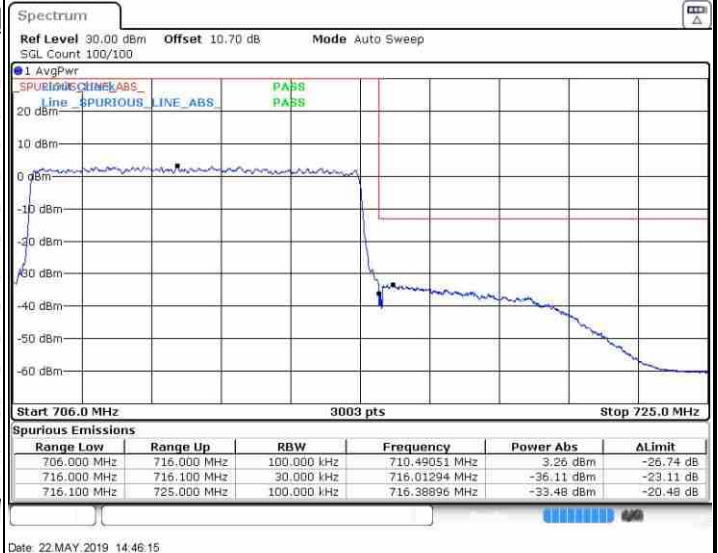
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



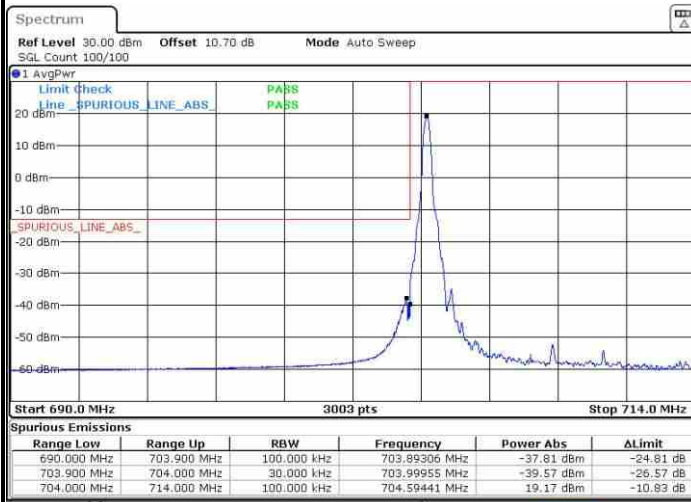
Highest Band Edge / Full RB



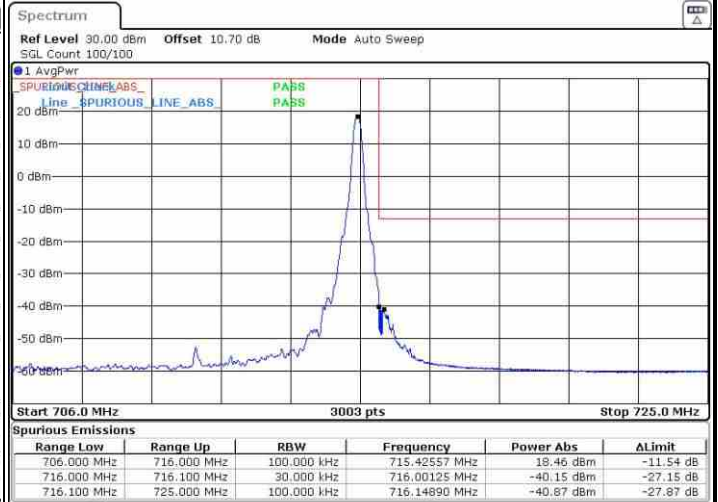


LTE Band 17 / 10MHz / 64QAM

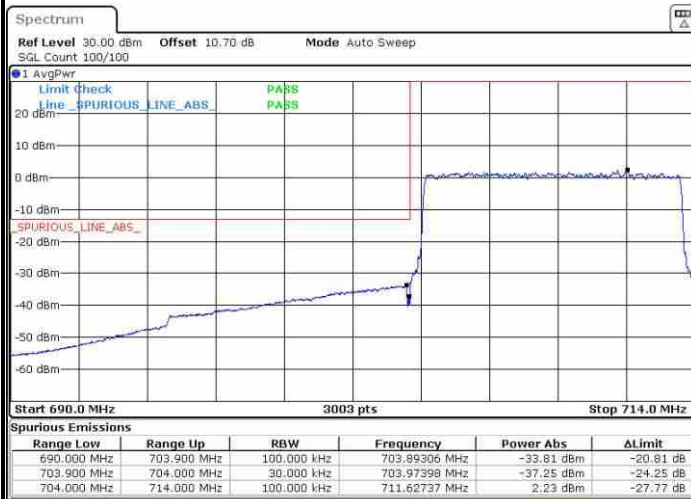
Lowest Band Edge / 1 RB



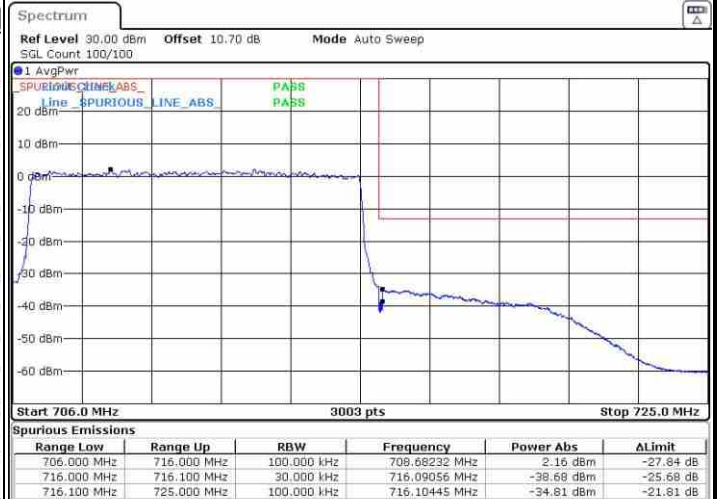
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB



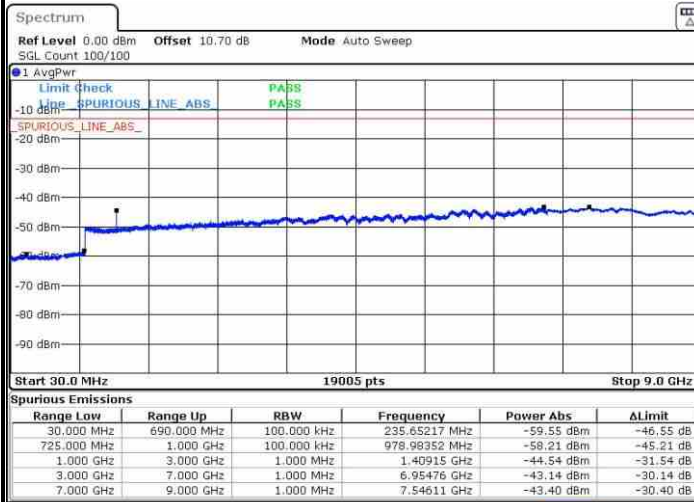


Conducted Spurious Emission



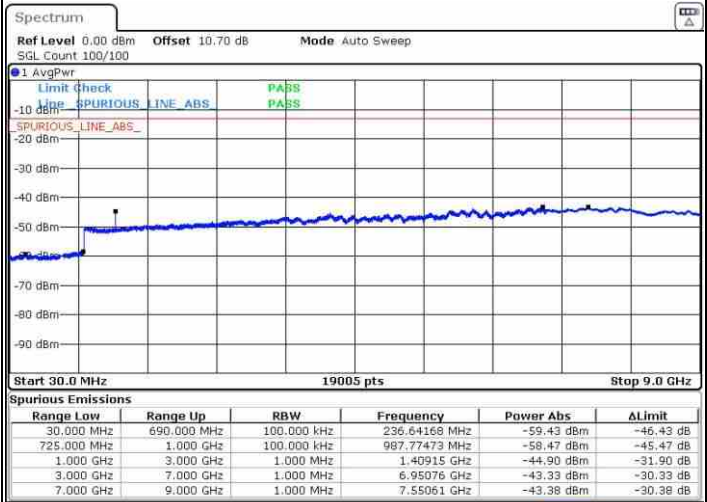
LTE Band 17 / 5MHz

Lowest Channel / QPSK



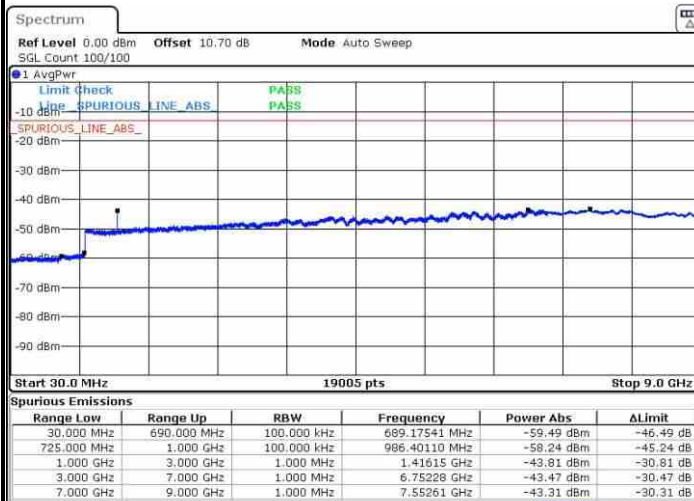
Date: 22 MAY 2019 14:23:50

Lowest Channel / 16QAM



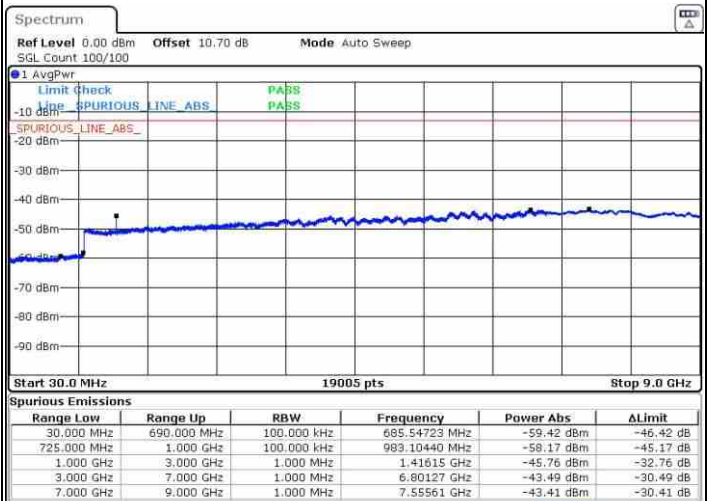
Date: 22 MAY 2019 14:24:31

Middle Channel / QPSK



Date: 22 MAY 2019 14:25:59

Middle Channel / 16QAM

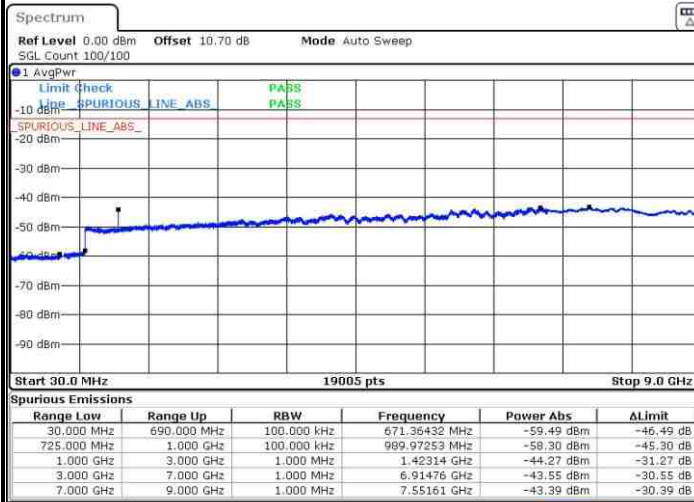


Date: 22 MAY 2019 14:26:40



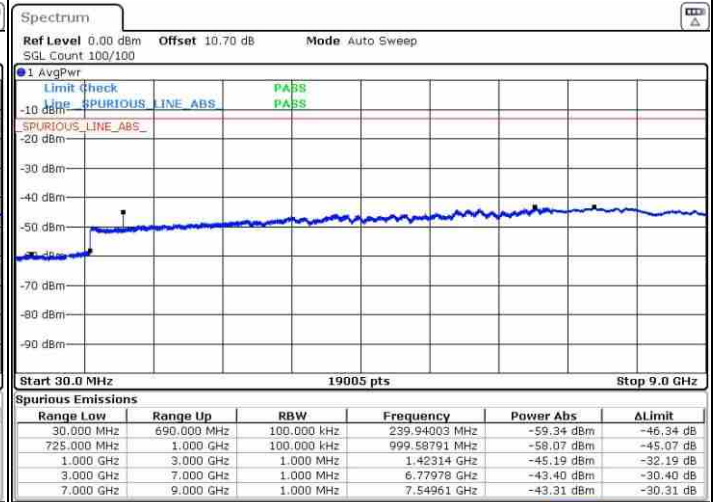
LTE Band 17 / 5MHz

Highest Channel / QPSK



Date: 22 MAY 2019 14:32:15

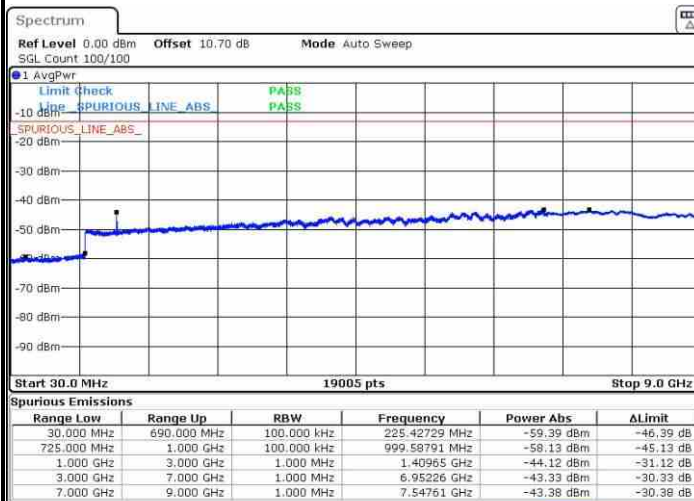
Highest Channel / 16QAM



Date: 22 MAY 2019 14:32:56

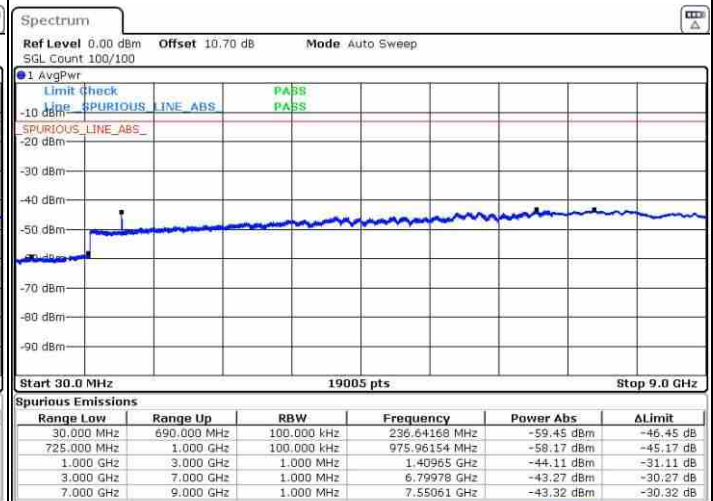
LTE Band 17 / 10MHz

Lowest Channel / QPSK



Date: 22 MAY 2019 14:38:32

Lowest Channel / 16QAM

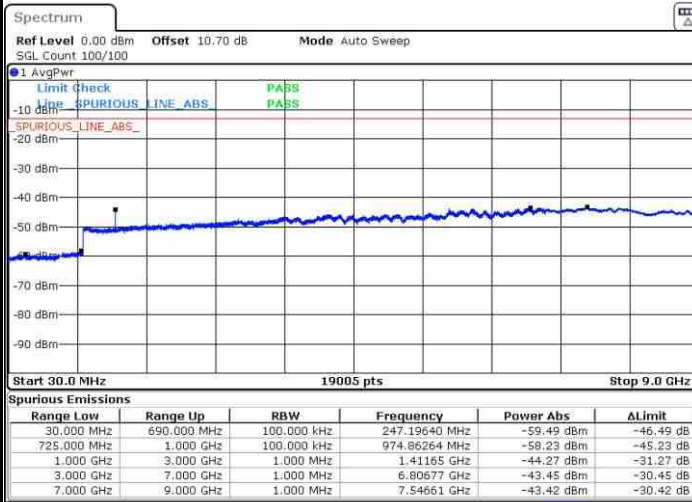


Date: 22 MAY 2019 14:39:13



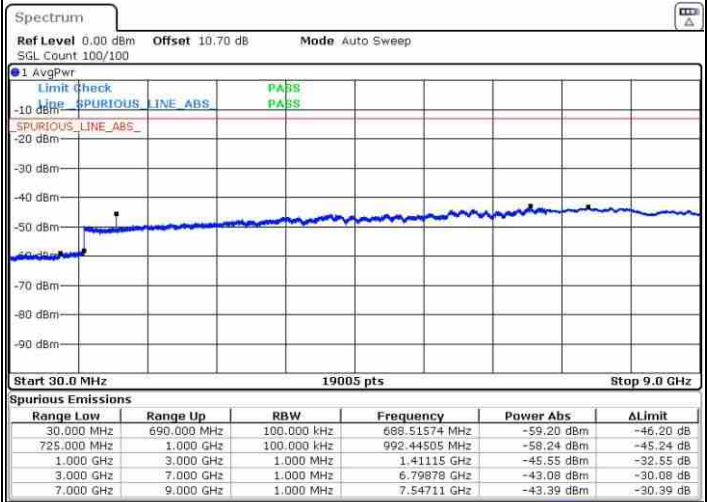
LTE Band 17 / 10MHz

Middle Channel / QPSK



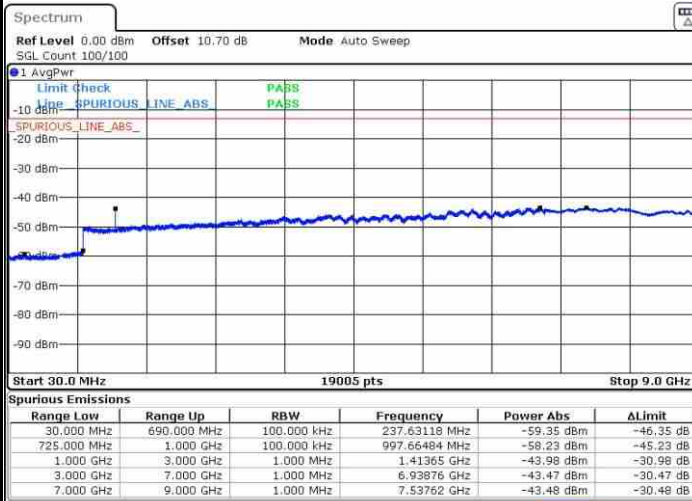
Date: 22 MAY 2019 14:40:41

Middle Channel / 16QAM



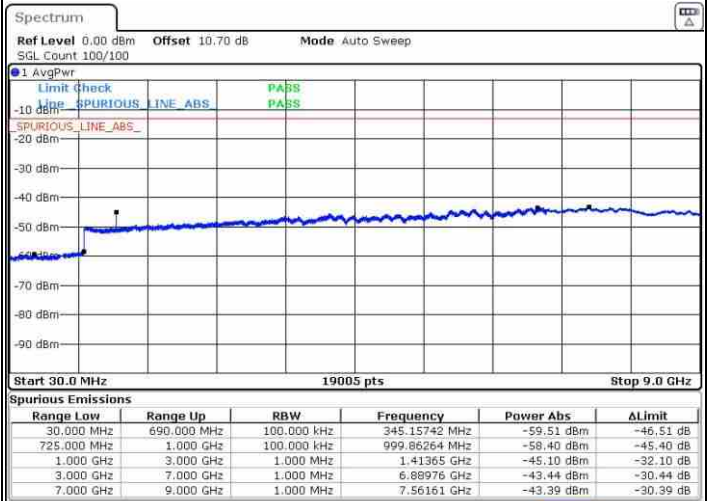
Date: 22 MAY 2019 14:41:21

Highest Channel / QPSK



Date: 22 MAY 2019 14:46:57

Highest Channel / 16QAM

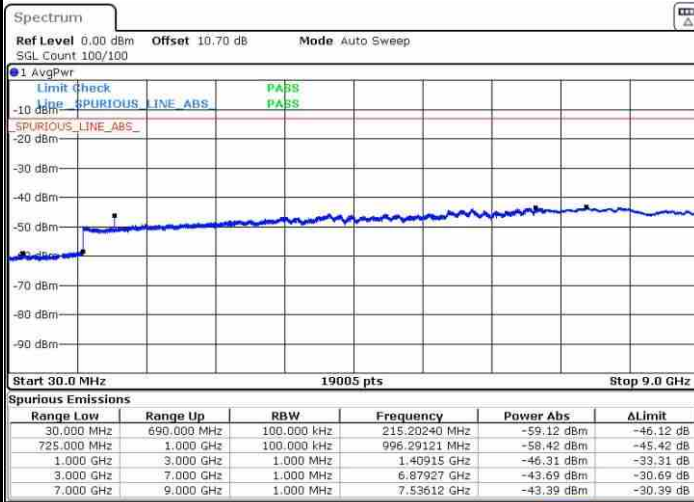


Date: 22 MAY 2019 14:47:38



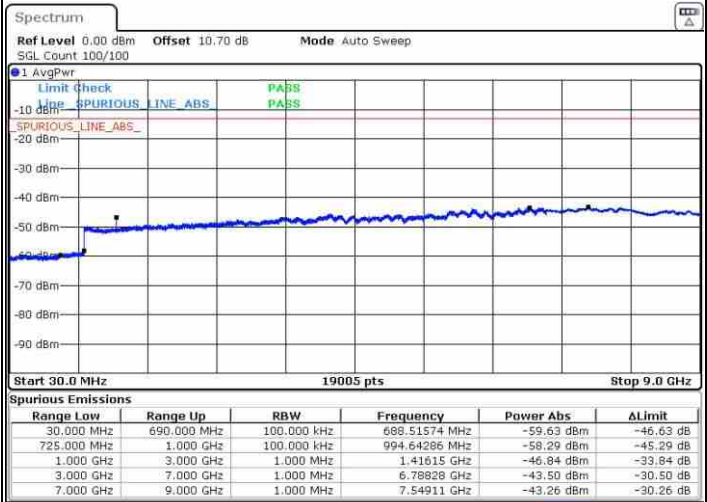
LTE Band 17 / 5MHz

Lowest Channel / 64QAM



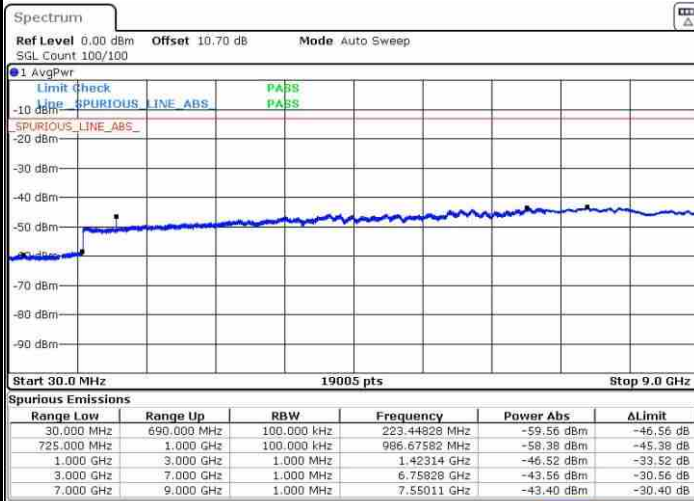
Date: 22 MAY 2019 14:50:46

Middle Channel / 64QAM



Date: 22 MAY 2019 14:51:51

Highest Channel / 64QAM

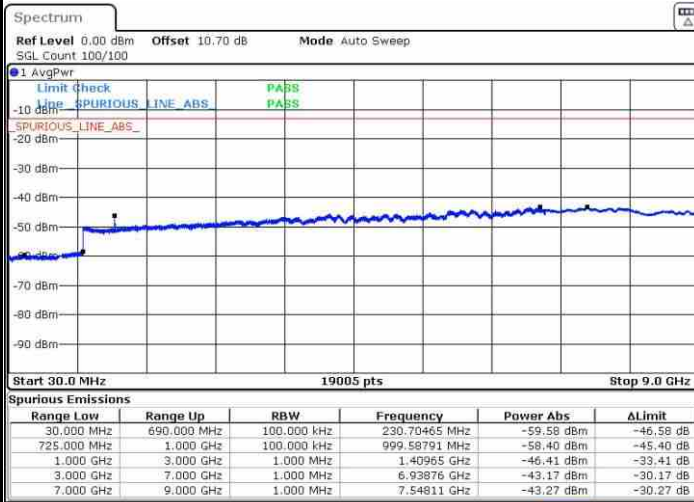


Date: 22 MAY 2019 14:54:58



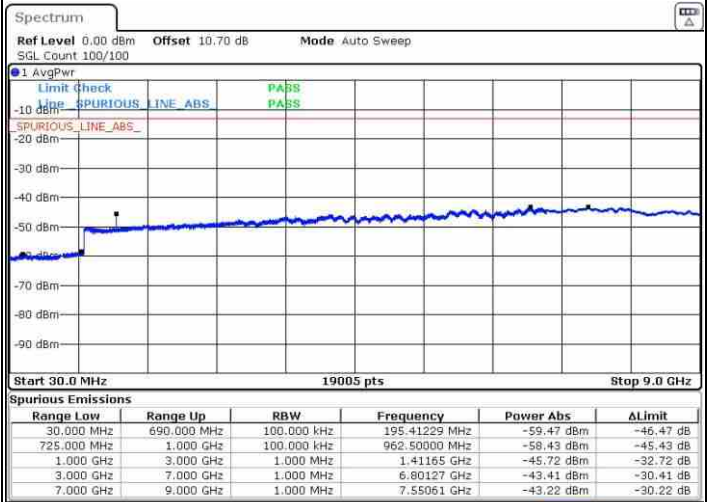
LTE Band 17 / 10MHz

Lowest Channel / 64QAM



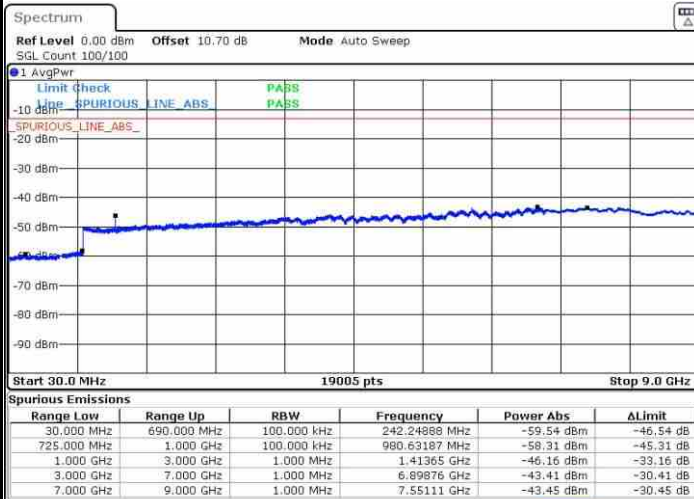
Date: 22 MAY 2019 14:58:07

Middle Channel / 64QAM



Date: 22 MAY 2019 14:59:11

Highest Channel / 64QAM



Date: 22 MAY 2019 15:02:19

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	0.0014	PASS
40	Normal Voltage	0.0001	
30	Normal Voltage	0.0014	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0014	
0	Normal Voltage	0.0000	
-10	Normal Voltage	0.0001	
-20	Normal Voltage	0.0014	
-30	Normal Voltage	0.0014	
20	Maximum Voltage	0.0015	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0037	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.65 V. ; Maximum Voltage =4.35 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

Test Conditions		LTE Band 17 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 5MHz	Within Band
		Frequency Offset (Δf) (Hz)	Result
50	Normal Voltage	-1	PASS
40	Normal Voltage	-0.1	
30	Normal Voltage	-1	
20(Ref.)	Normal Voltage	0	
10	Normal Voltage	-1	
0	Normal Voltage	0	
-10	Normal Voltage	-0.1	
-20	Normal Voltage	-1	
-30	Normal Voltage	-1	
20	Maximum Voltage	-1.1	
20	Normal Voltage	0	
20	Battery End Point	2.6	

$|\text{MAX}(\Delta f)| = 2.6\text{Hz}$

Frequency Stability	Frequency (MHz)	Limit Line	Result
$f_L - \text{MAX}(\Delta f) $	704.139997	$\geq 704 \text{ MHz}$	PASS
$f_H + \text{MAX}(\Delta f) $	715.859003	$\leq 716 \text{ MHz}$	



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	3.62	5.25	4.41	6.14	PASS
Middle CH	3.59	5.28	4.20	6.20	
Highest CH	3.65	5.19	4.12	6.14	
Mode	LTE Band 26 / 15MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	5.16	6.67	-	-	PASS
Middle CH	5.30	6.81	-	-	
Highest CH	5.45	6.64	-	-	



LTE Band 26 / 15MHz / QPSK

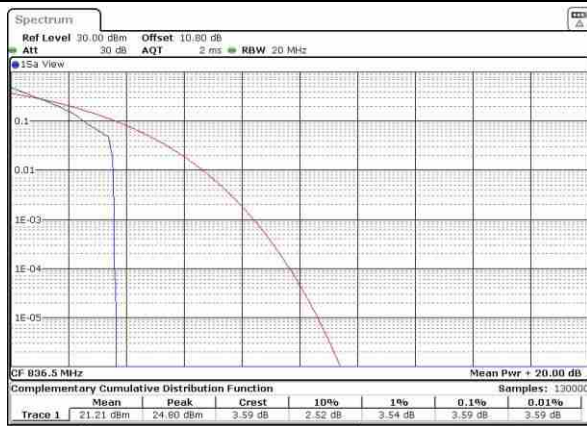
Lowest Channel / 1RB



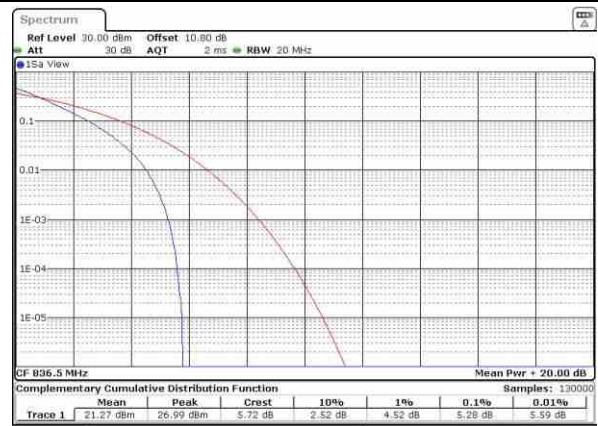
Lowest Channel / Full RB



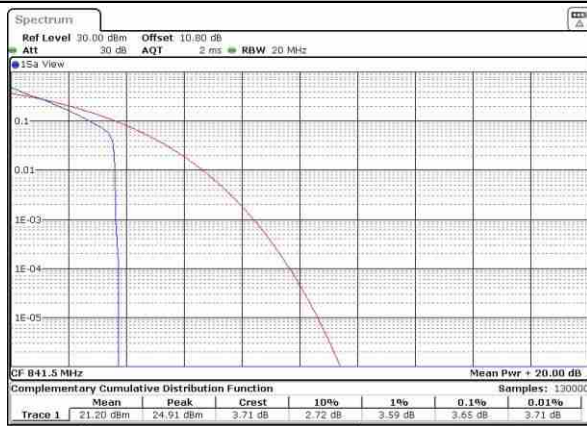
Middle Channel / 1RB



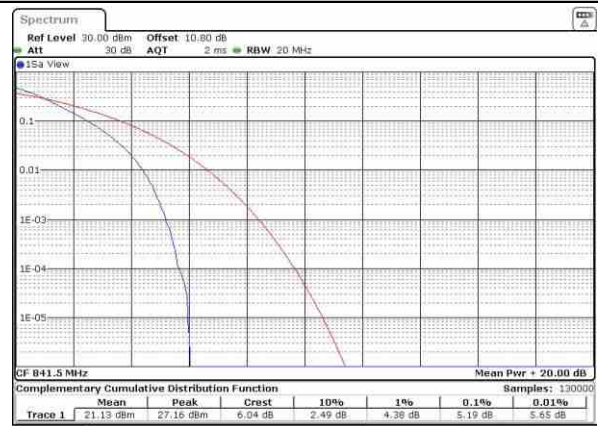
Middle Channel / Full RB



Highest Channel / 1RB



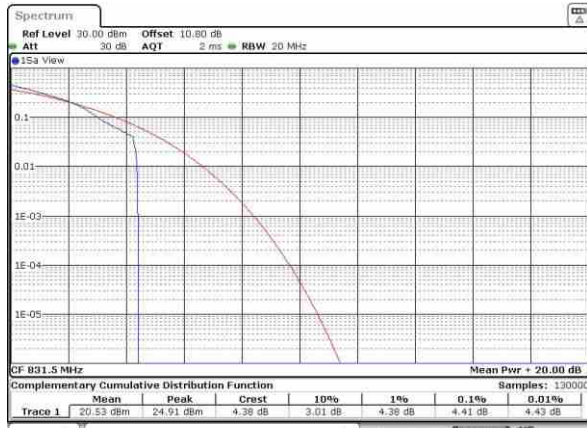
Highest Channel / Full RB





LTE Band 26 / 15MHz / 16QAM

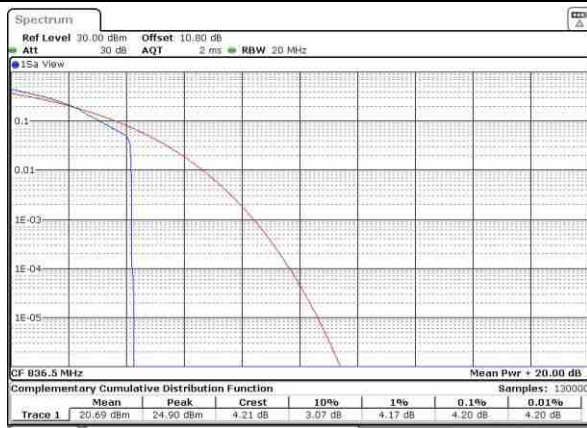
Lowest Channel / 1RB



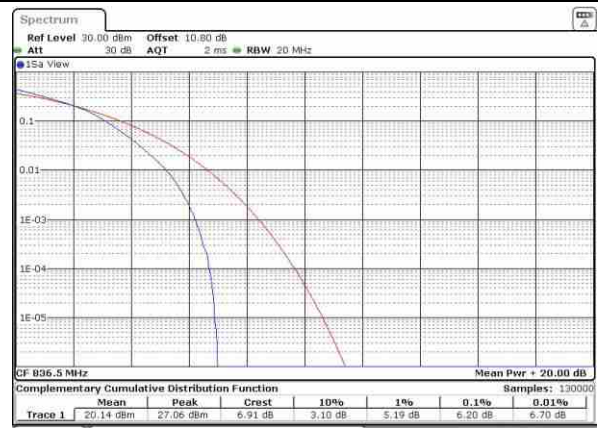
Lowest Channel / Full RB



Middle Channel / 1RB



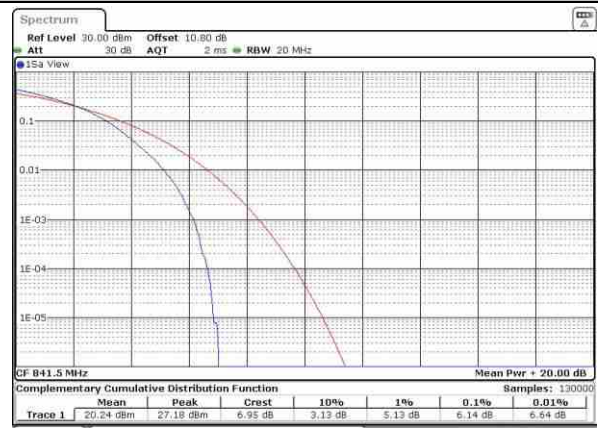
Middle Channel / Full RB



Highest Channel / 1RB



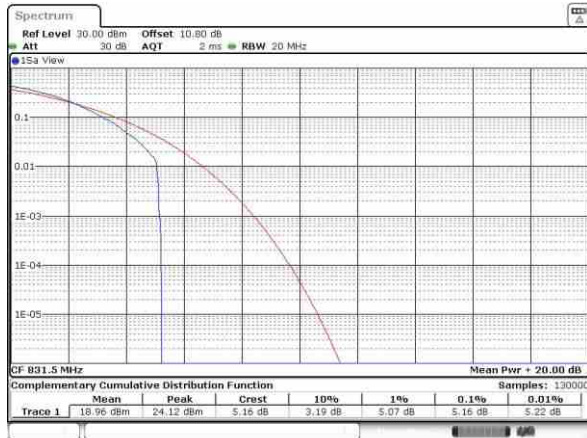
Highest Channel / Full RB



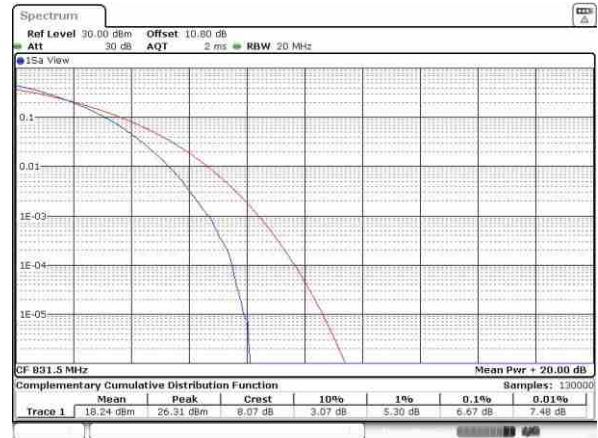


LTE Band 26 / 15MHz / 64QAM

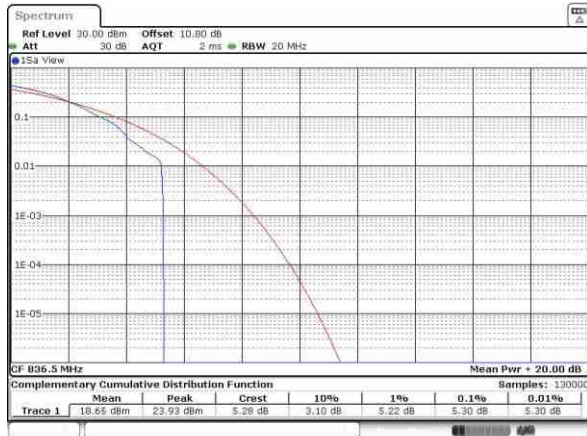
Lowest Channel / 1RB



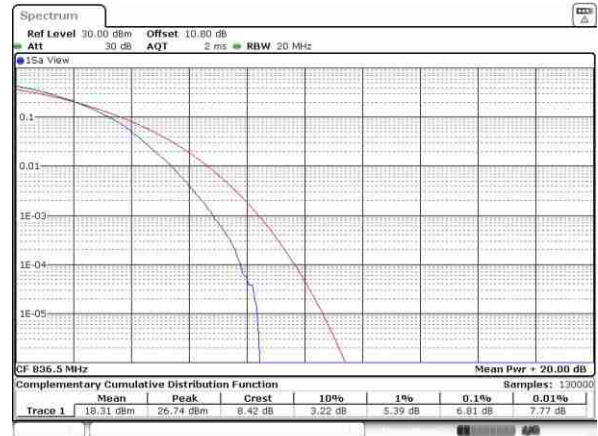
Lowest Channel / Full RB



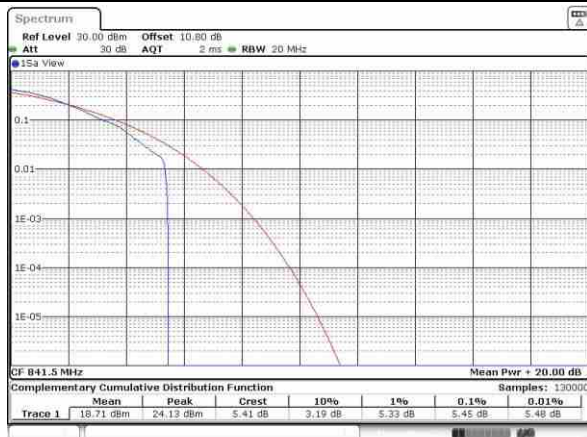
Middle Channel / 1RB



Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB



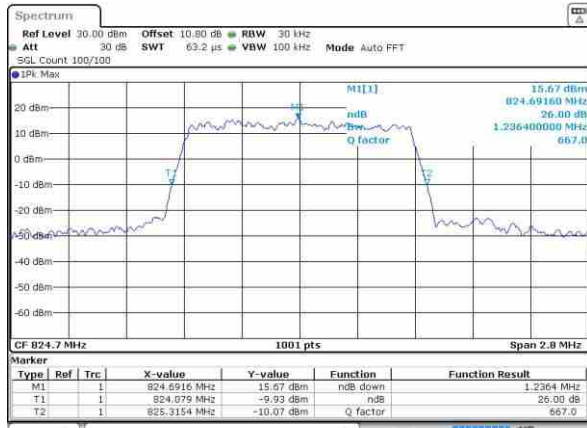
**26dB Bandwidth**

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	1.24	1.22	3.01	3.00	4.95	4.95	9.8	10.0	14.4	14.3	-	-
Middle CH	1.23	1.23	2.99	3.04	4.80	4.97	9.7	10.0	14.5	14.4	-	-
Highest CH	1.24	1.23	3.05	3.06	4.88	4.83	9.9	9.7	14.2	14.2	-	-
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	-	2.97	-	4.93	-	9.73	-	14.56	-	-	-
Middle CH	1.23	-	3.02	-	4.93	-	9.85	-	14.42	-	-	-
Highest CH	1.21	-	2.99	-	4.82	-	9.83	-	14.21	-	-	-

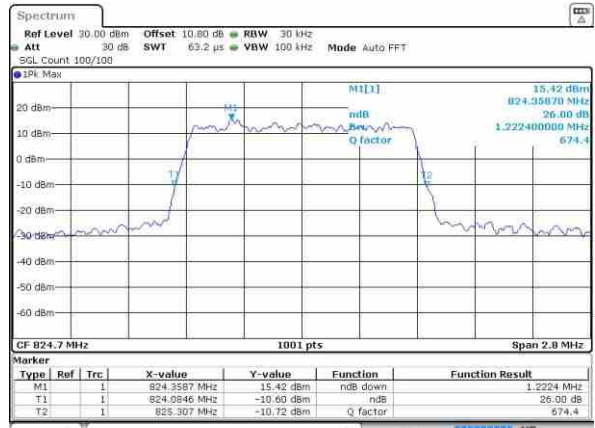


LTE Band 26

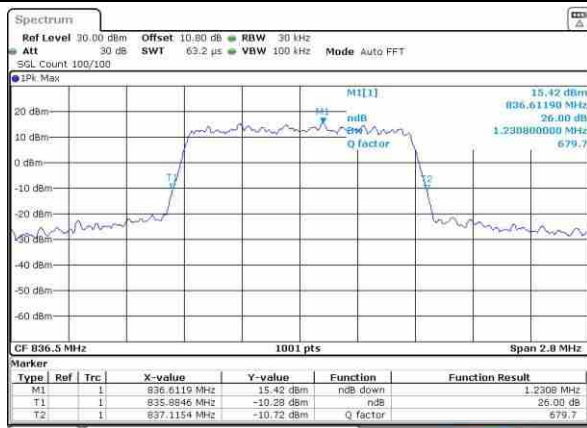
Lowest Channel / 1.4MHz / QPSK



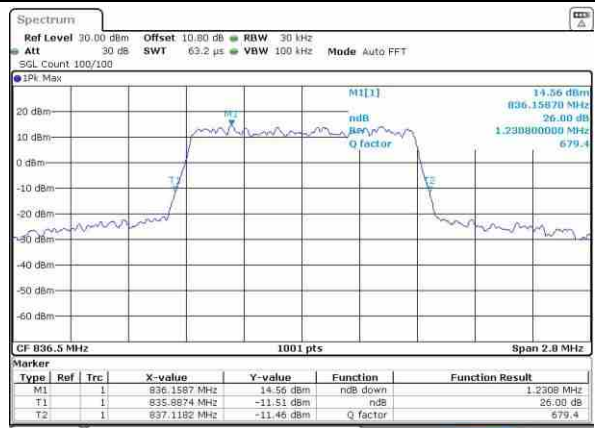
Lowest Channel / 1.4MHz / 16QAM



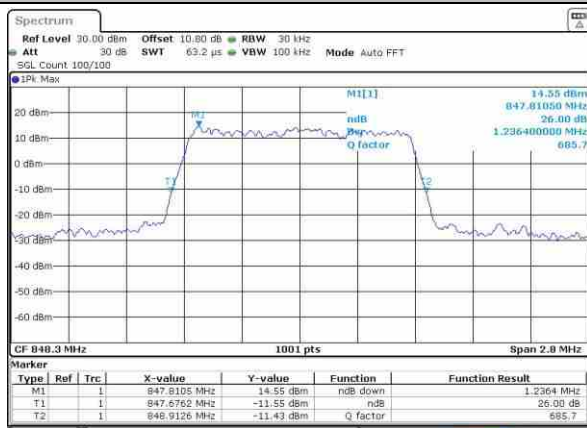
Middle Channel / 1.4MHz / QPSK



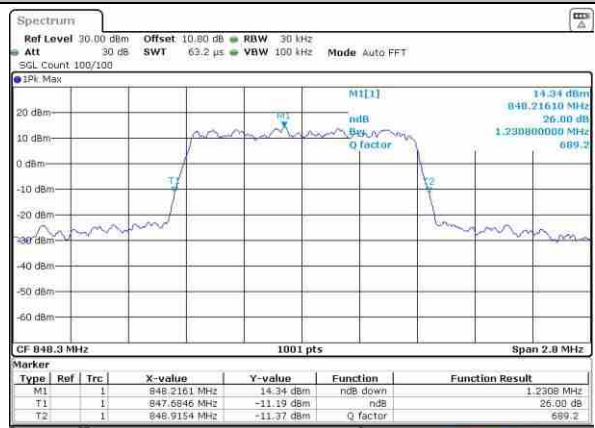
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



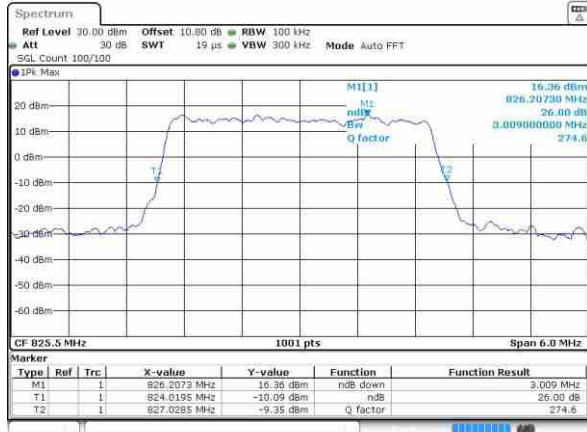
Highest Channel / 1.4MHz / 16QAM



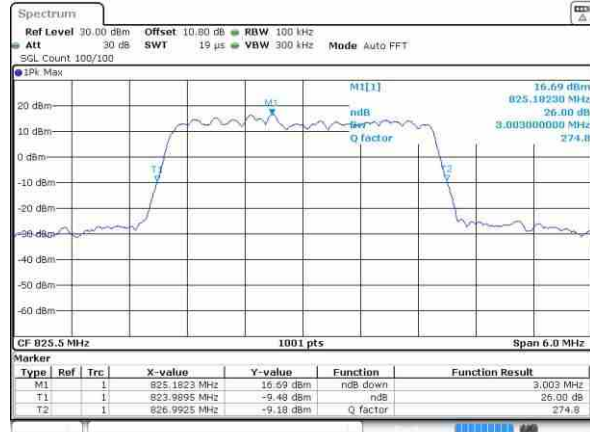


LTE Band 26

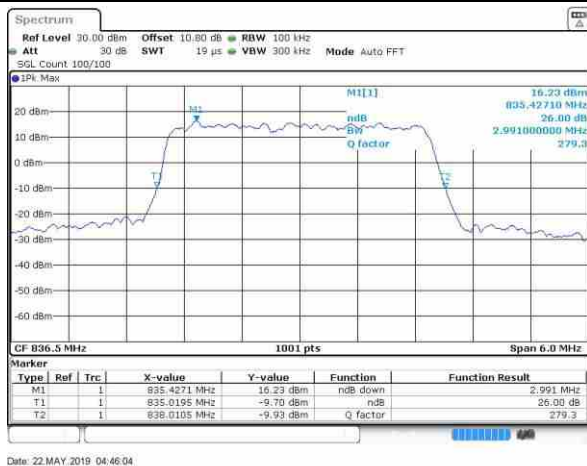
Lowest Channel / 3MHz / QPSK



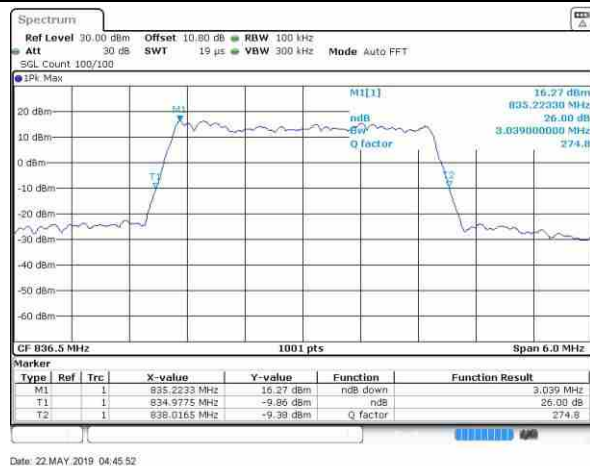
Lowest Channel / 3MHz / 16QAM



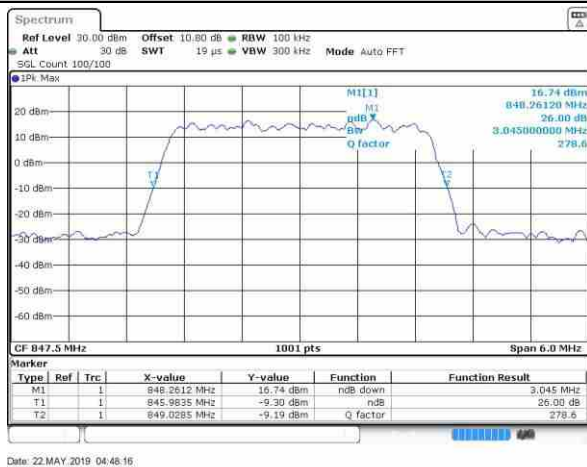
Middle Channel / 3MHz / QPSK



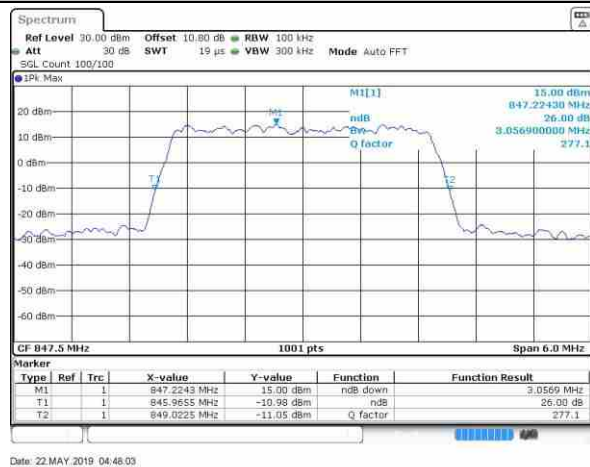
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



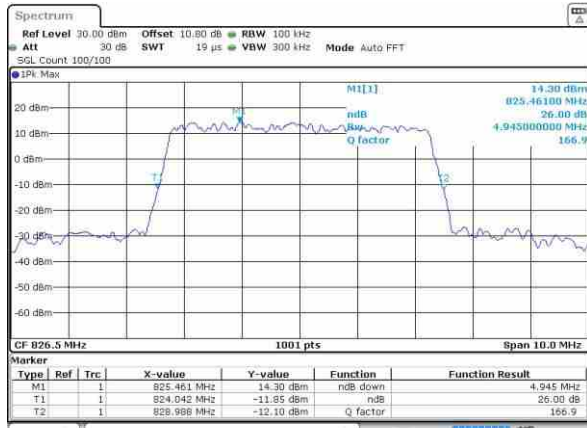
Highest Channel / 3MHz / 16QAM





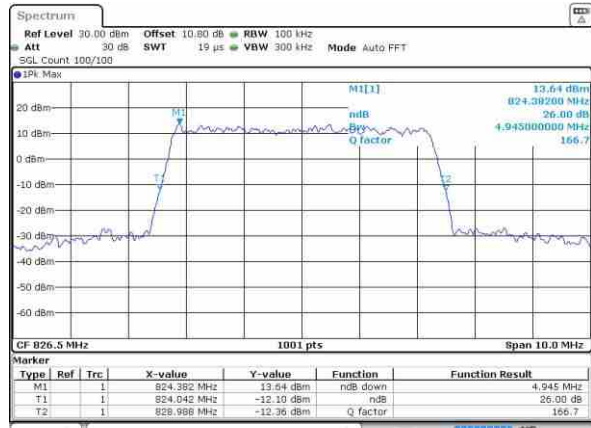
LTE Band 26

Lowest Channel / 5MHz / QPSK



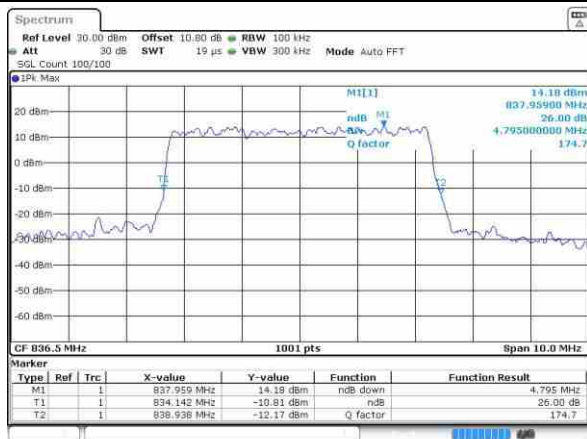
Date: 22 MAY 2019 04:54:14

Lowest Channel / 5MHz / 16QAM



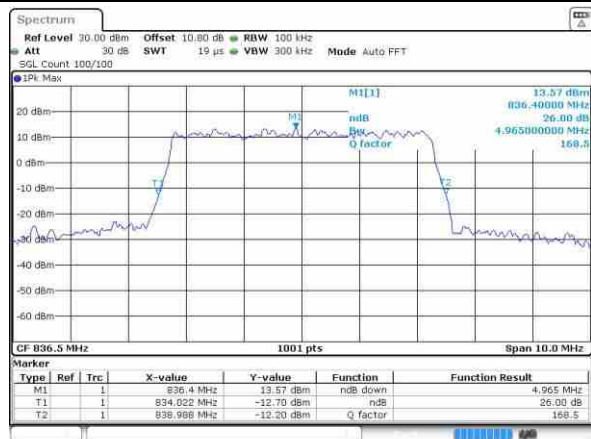
Date: 22 MAY 2019 04:54:01

Middle Channel / 5MHz / QPSK



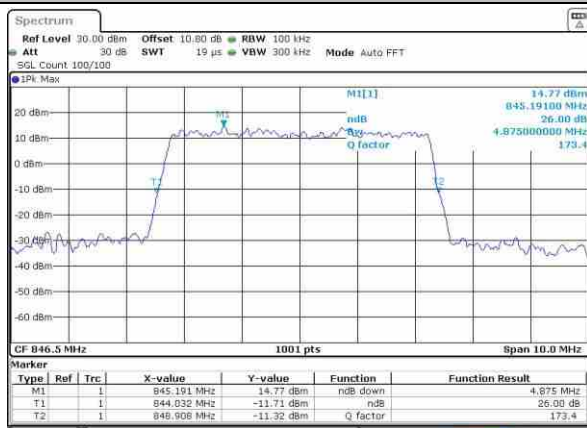
Date: 22 MAY 2019 04:58:10

Middle Channel / 5MHz / 16QAM



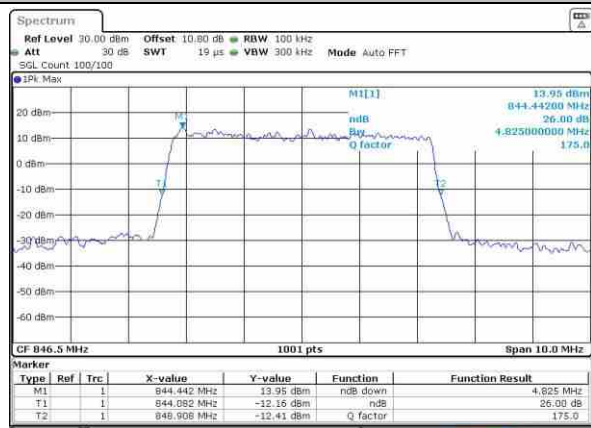
Date: 22 MAY 2019 04:58:58

Highest Channel / 5MHz / QPSK



Date: 22 MAY 2019 05:01:22

Highest Channel / 5MHz / 16QAM

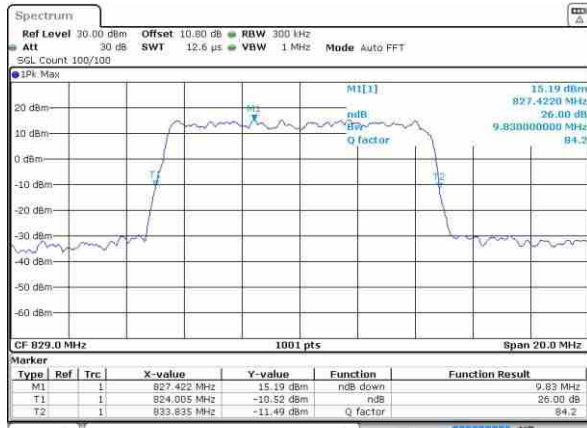


Date: 22 MAY 2019 05:01:10



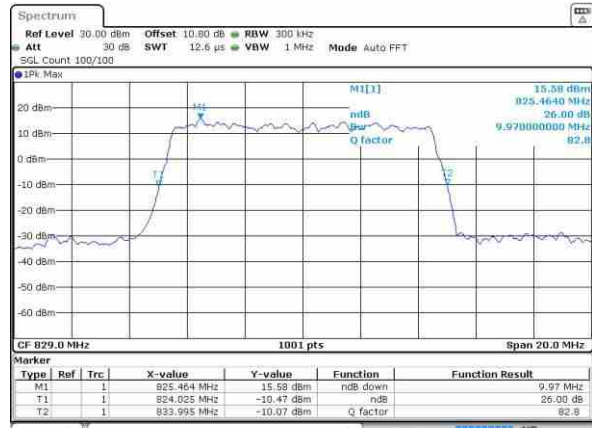
LTE Band 26

Lowest Channel / 10MHz / QPSK



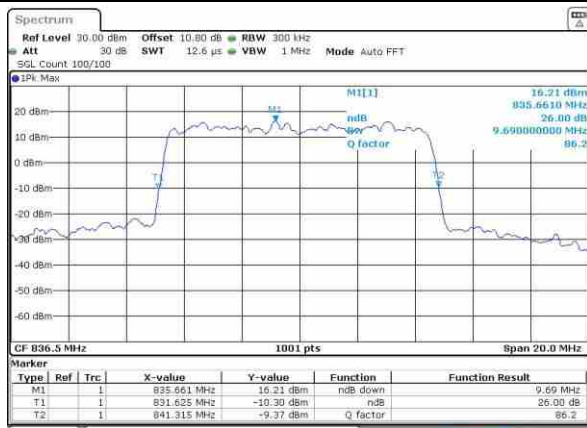
Date: 22 MAY 2019 05:15:16

Lowest Channel / 10MHz / 16QAM



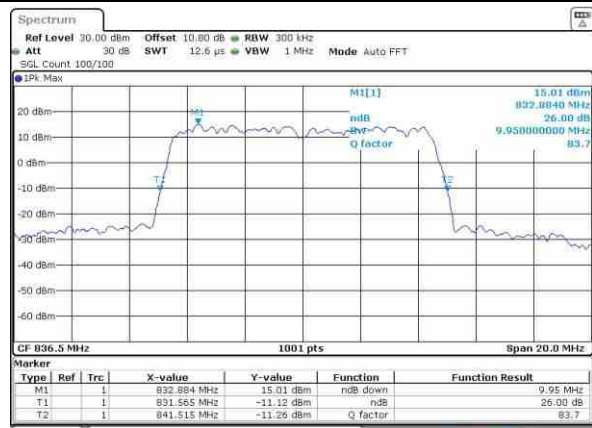
Date: 22 MAY 2019 05:15:04

Middle Channel / 10MHz / QPSK



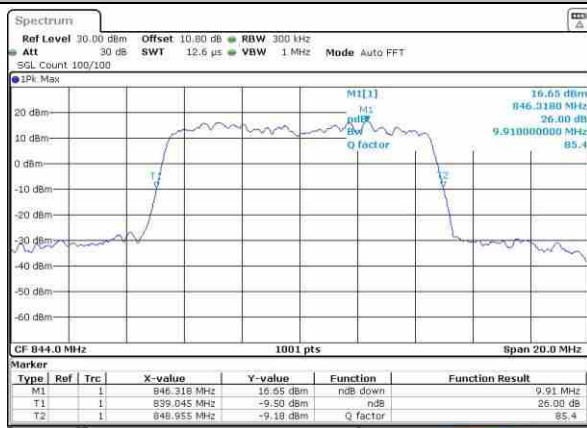
Date: 22 MAY 2019 05:20:12

Middle Channel / 10MHz / 16QAM



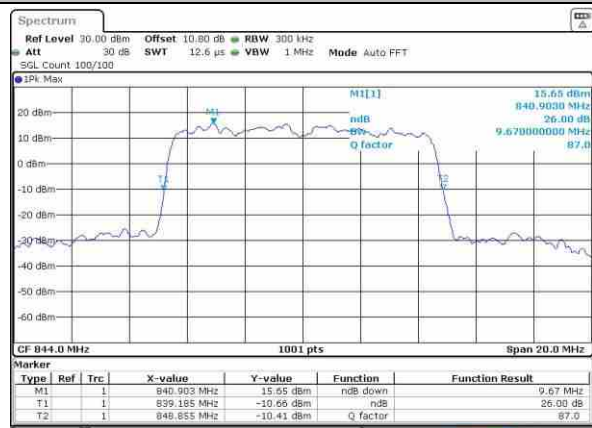
Date: 22 MAY 2019 05:20:00

Highest Channel / 10MHz / QPSK



Date: 22 MAY 2019 05:22:24

Highest Channel / 10MHz / 16QAM

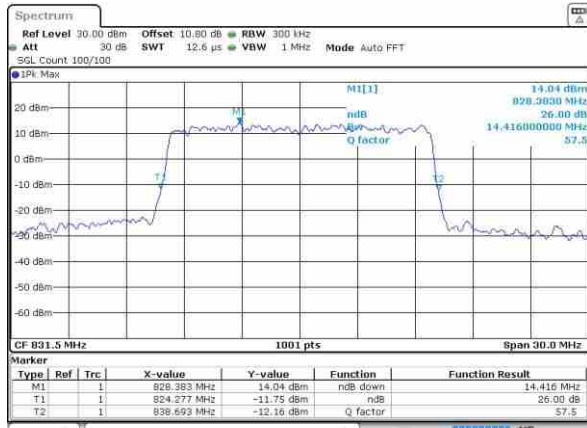


Date: 22 MAY 2019 05:22:12

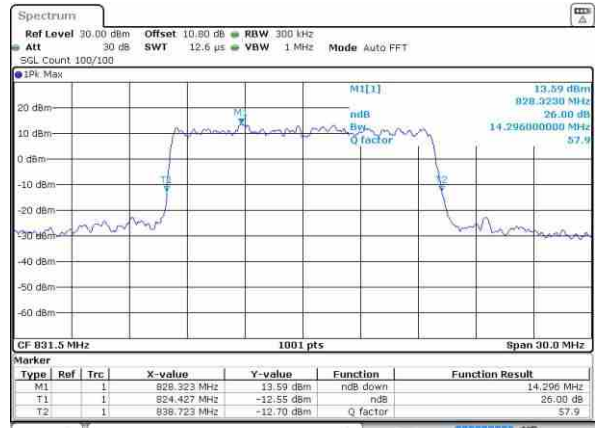


LTE Band 26

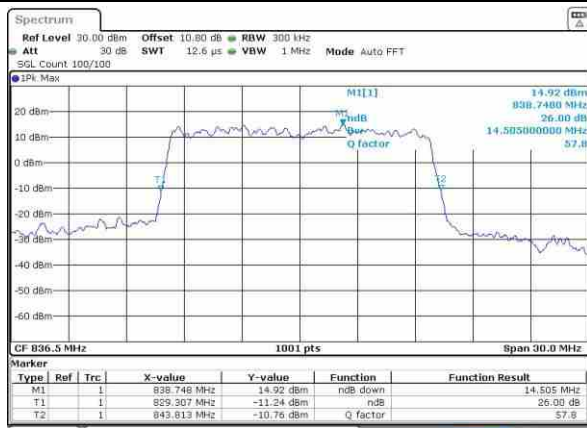
Lowest Channel / 15MHz / QPSK



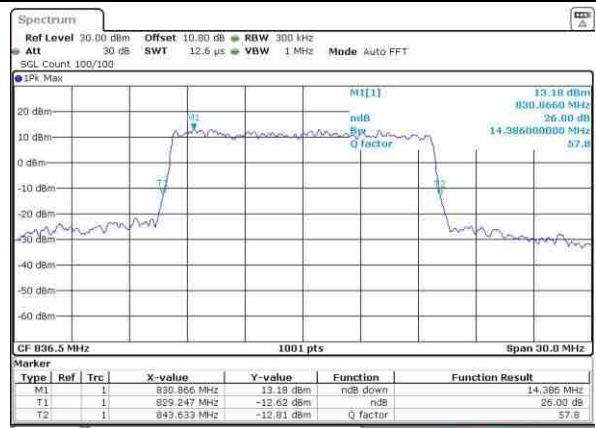
Lowest Channel / 15MHz / 16QAM



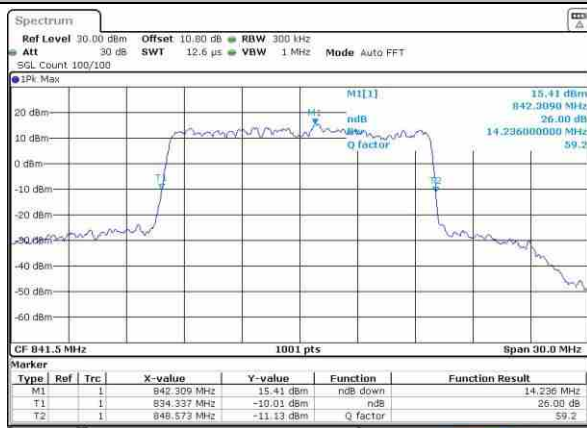
Middle Channel / 15MHz / QPSK



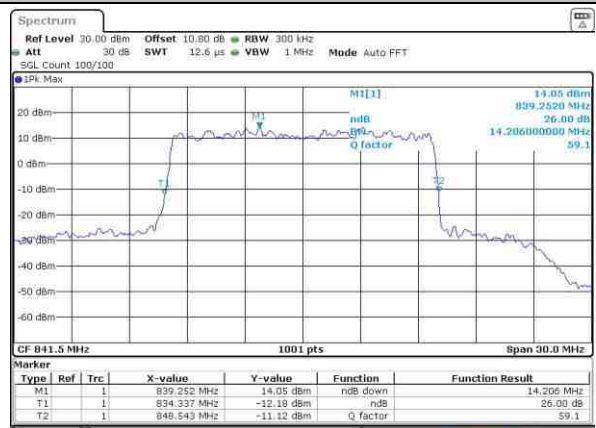
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



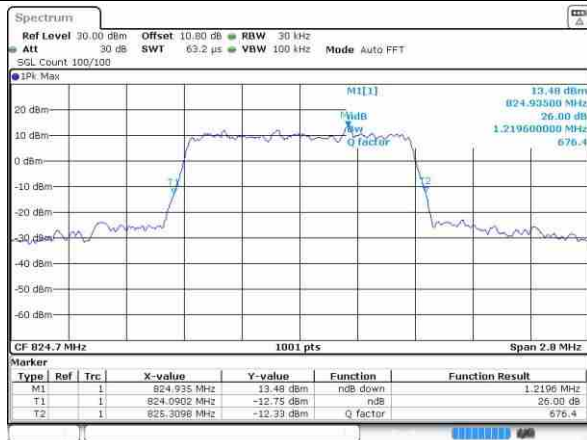
Highest Channel / 15MHz / 16QAM



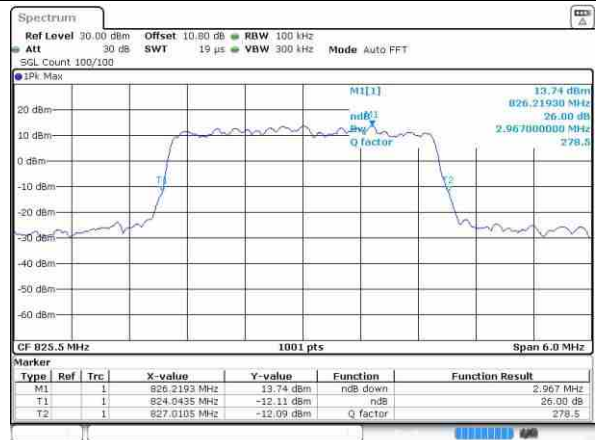


LTE Band 26

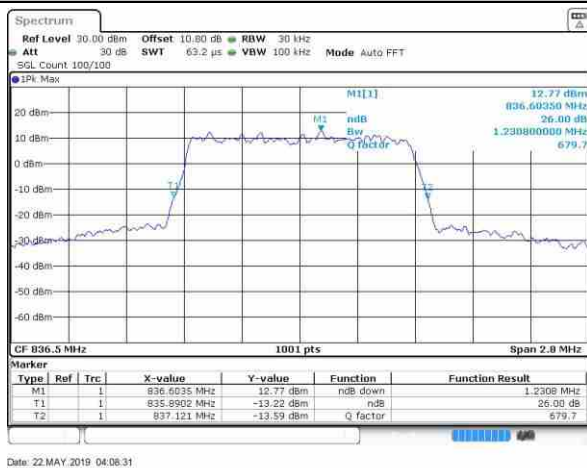
Lowest Channel / 1.4MHz / 64QAM



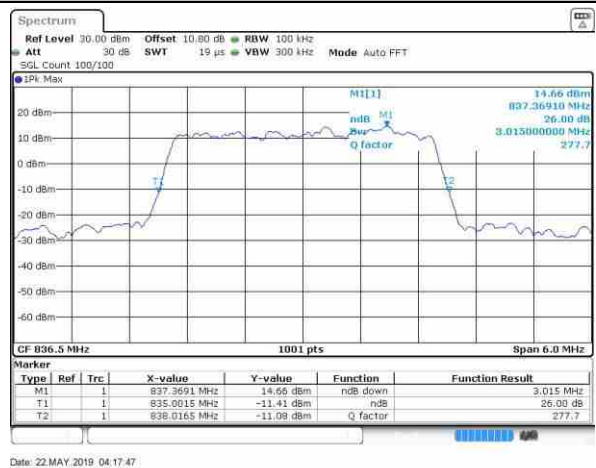
Lowest Channel / 3MHz / 64QAM



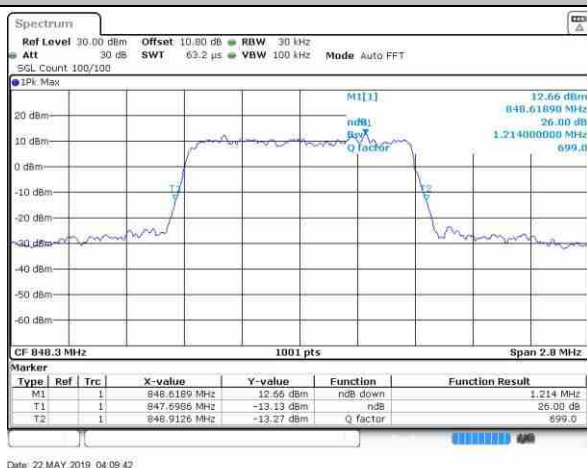
Middle Channel / 1.4MHz / 64QAM



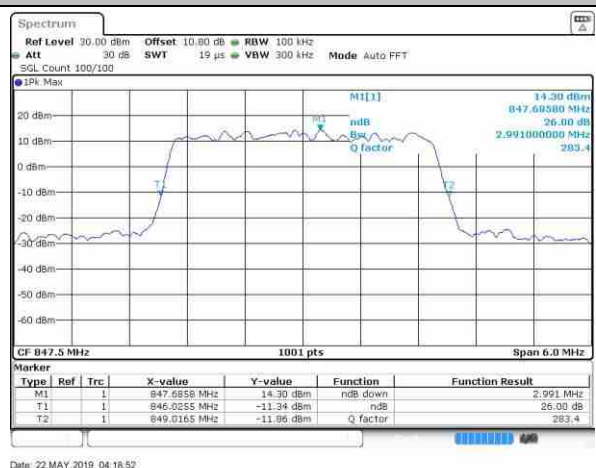
Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM



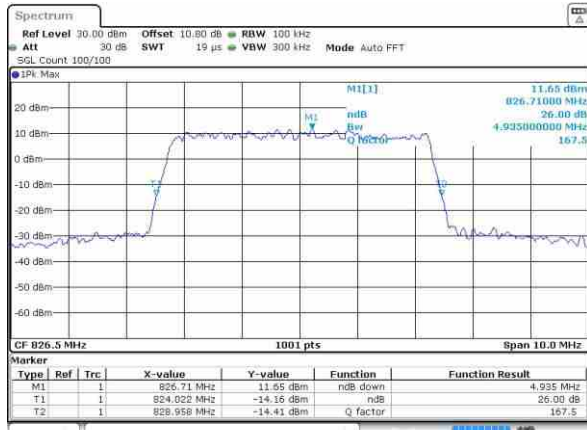
Highest Channel / 3MHz / 64QAM



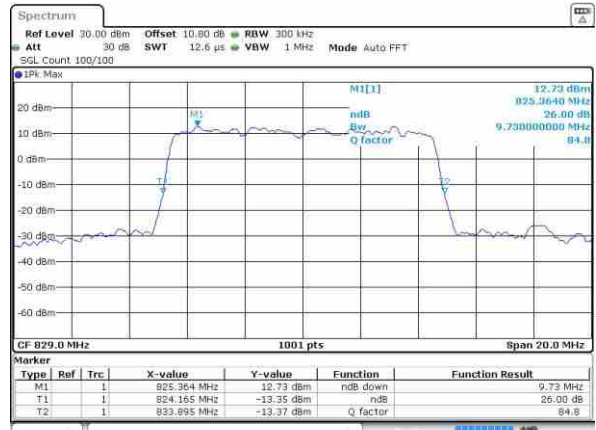


LTE Band 26

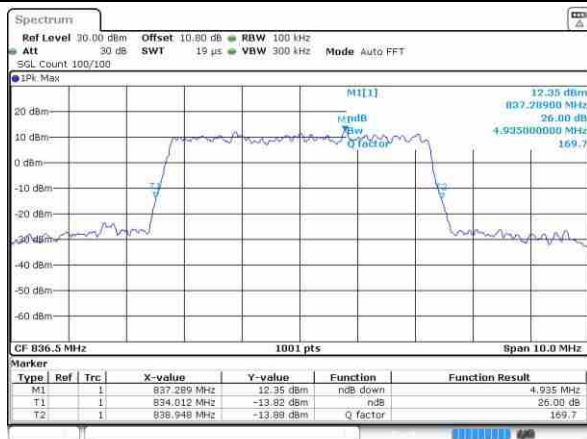
Lowest Channel / 5MHz / 64QAM



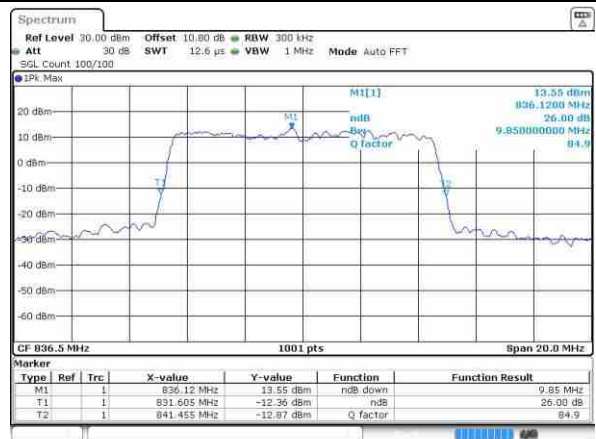
Lowest Channel / 10MHz / 64QAM



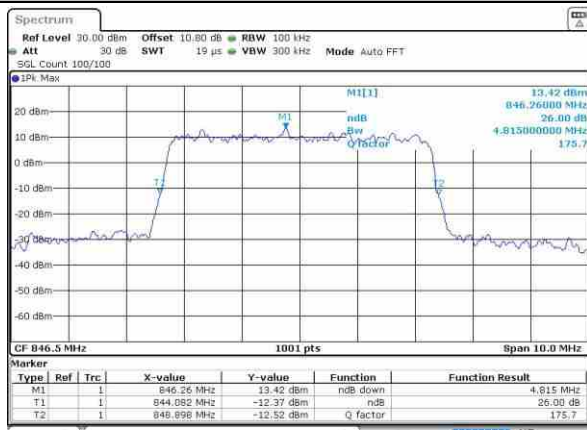
Middle Channel / 5MHz / 64QAM



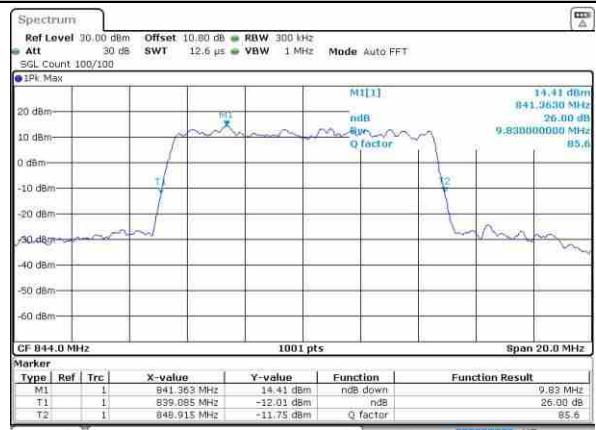
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



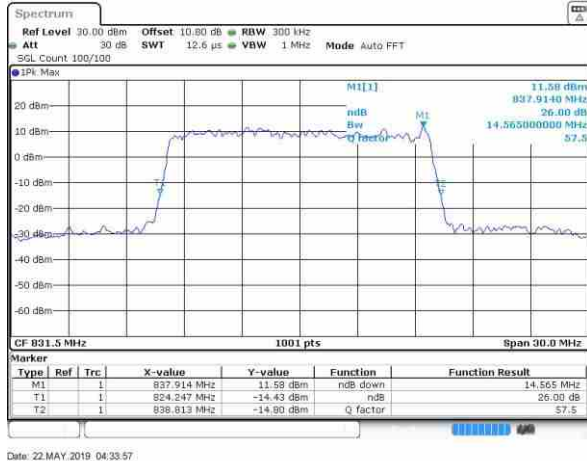
Highest Channel / 10MHz / 64QAM



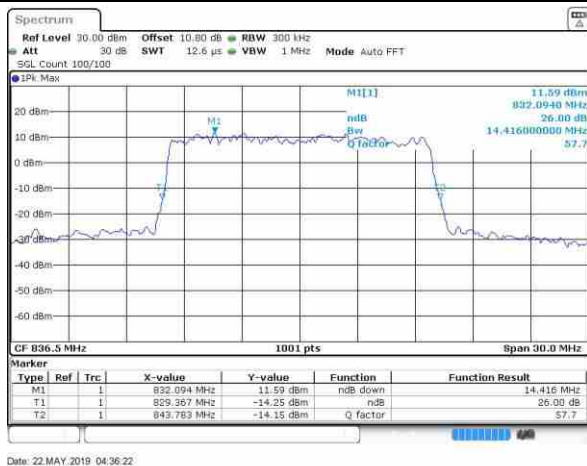


LTE Band 26

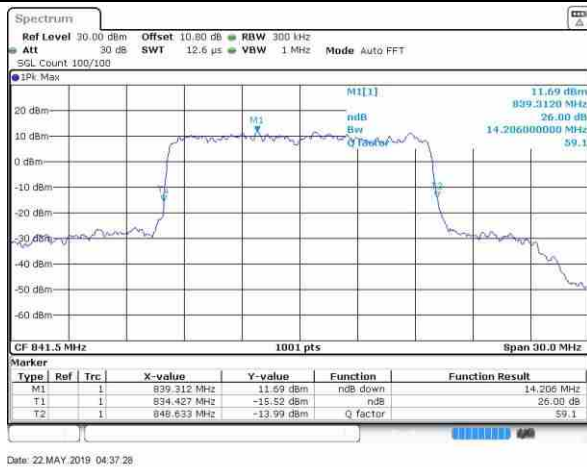
Lowest Channel / 15MHz / 64QAM



Middle Channel / 15MHz / 64QAM



Highest Channel / 15MHz / 64QAM



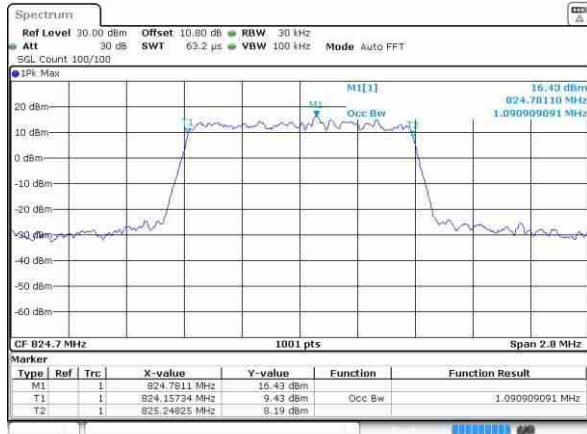
**Occupied Bandwidth**

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	1.09	1.10	2.72	2.71	4.51	4.47	9.05	9.05	13.40	13.43	-	-
Middle CH	1.08	1.09	2.72	2.73	4.50	4.49	9.09	9.03	13.40	13.43	-	-
Highest CH	1.09	1.09	2.72	2.72	4.50	4.50	9.01	8.99	13.43	13.37	-	-
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	-	4.48	-	8.99	-	13.37	-	-	-
Middle CH	1.09	-	2.70	-	4.50	-	9.07	-	13.37	-	-	-
Highest CH	1.09	-	2.71	-	4.49	-	9.03	-	13.40	-	-	-

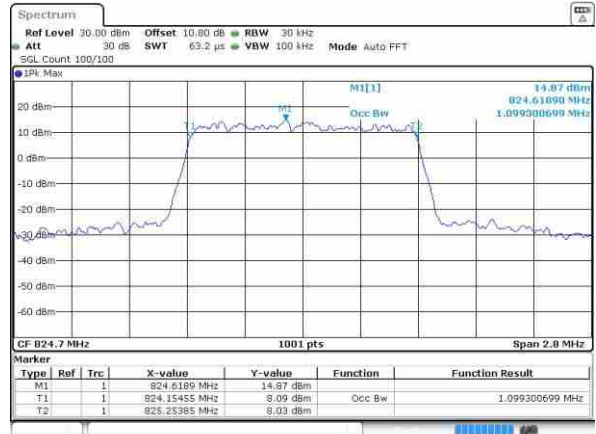


LTE Band 26

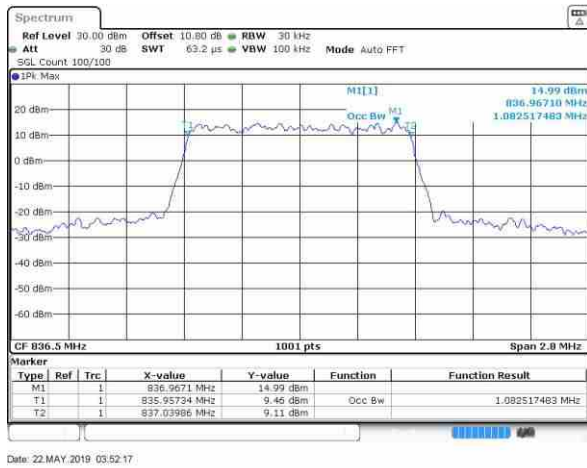
Lowest Channel / 1.4MHz / QPSK



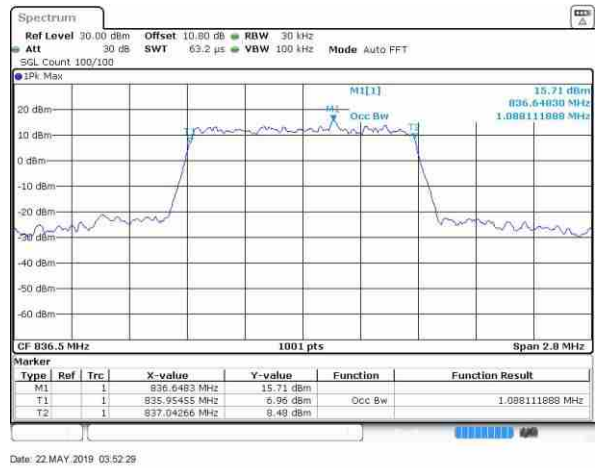
Lowest Channel / 1.4MHz / 16QAM



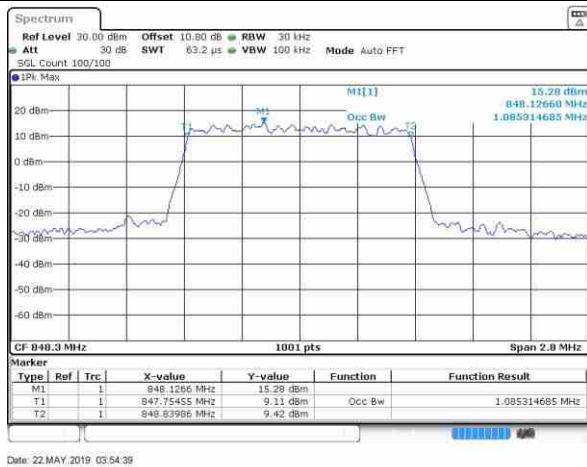
Middle Channel / 1.4MHz / QPSK



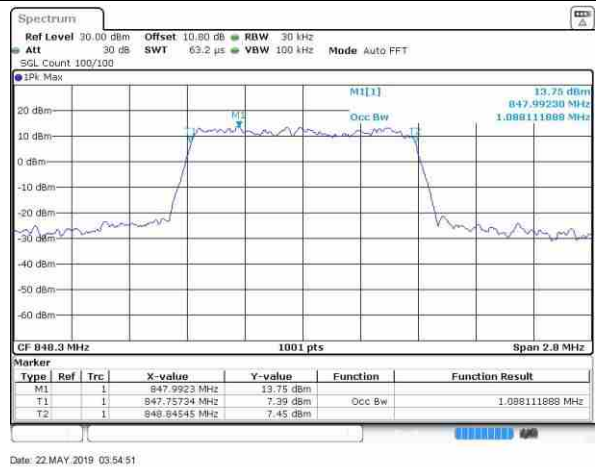
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



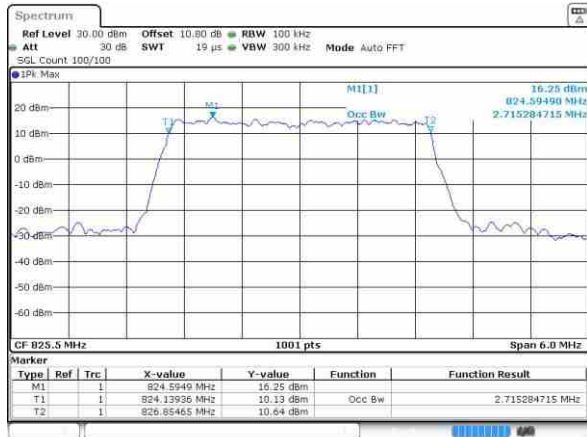
Highest Channel / 1.4MHz / 16QAM



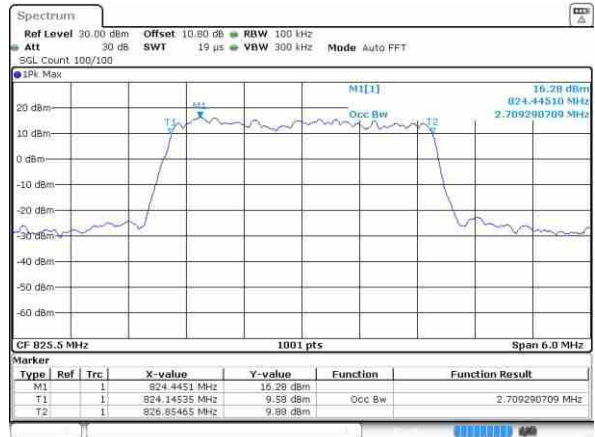


LTE Band 26

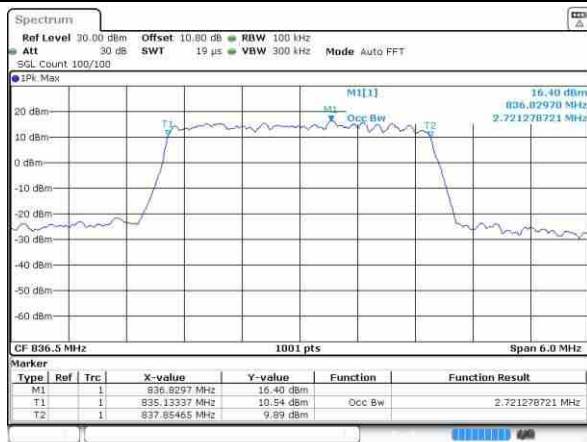
Lowest Channel / 3MHz / QPSK



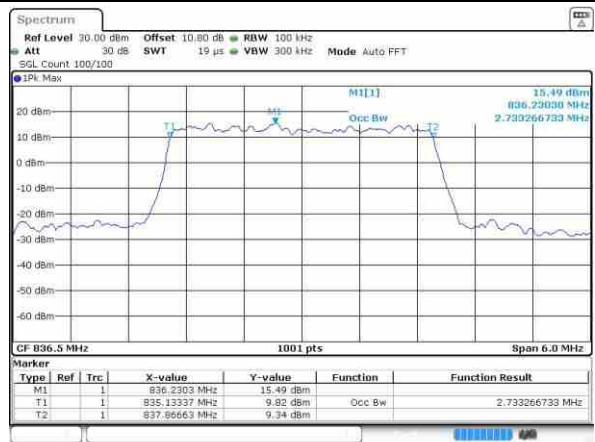
Lowest Channel / 3MHz / 16QAM



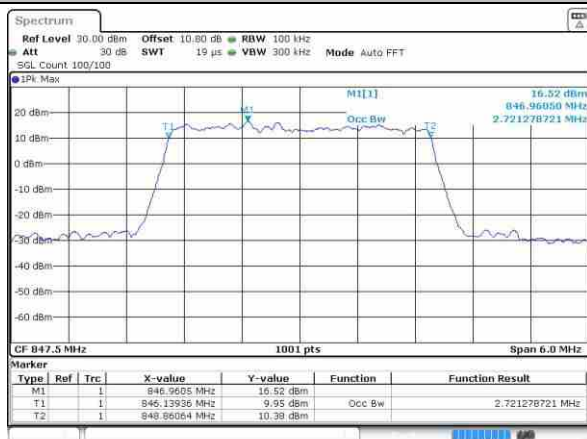
Middle Channel / 3MHz / QPSK



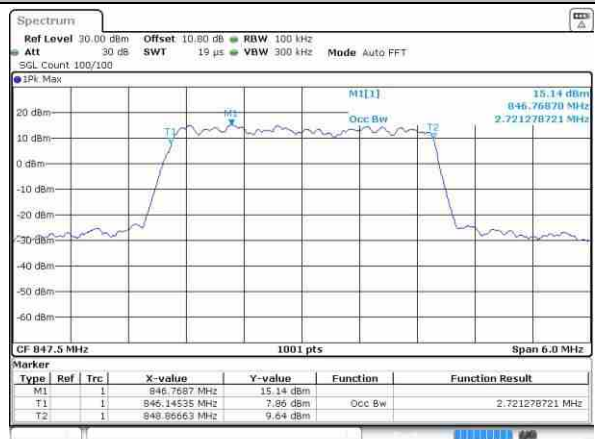
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



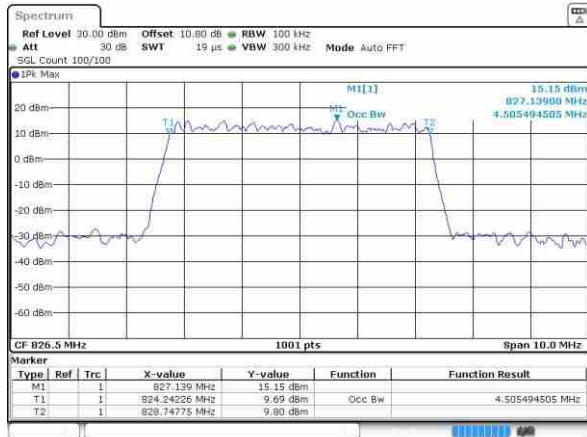
Highest Channel / 3MHz / 16QAM





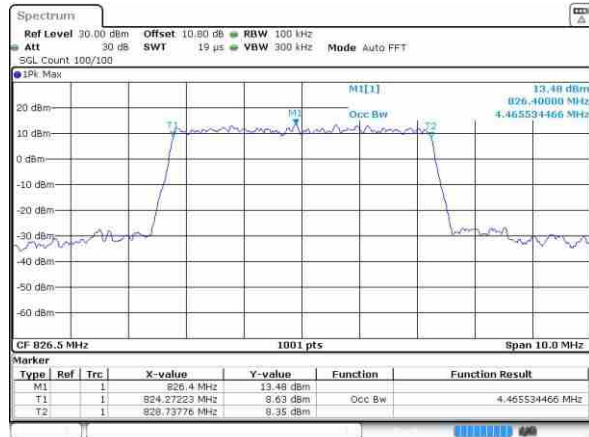
LTE Band 26

Lowest Channel / 5MHz / QPSK



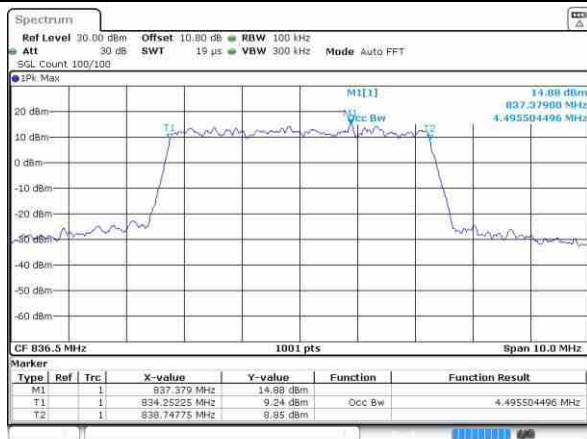
Date: 22 MAY 2019 04:53:37

Lowest Channel / 5MHz / 16QAM



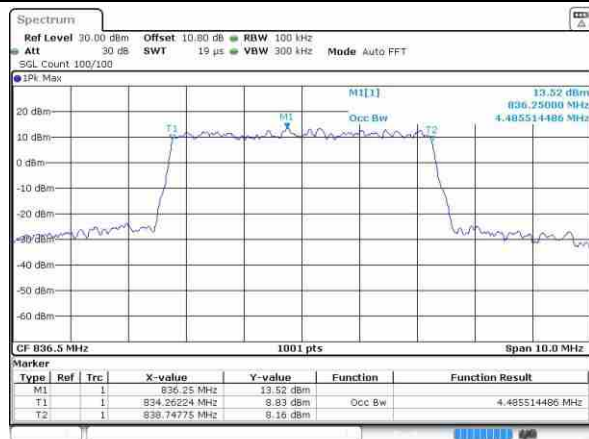
Date: 22 MAY 2019 04:53:49

Middle Channel / 5MHz / QPSK



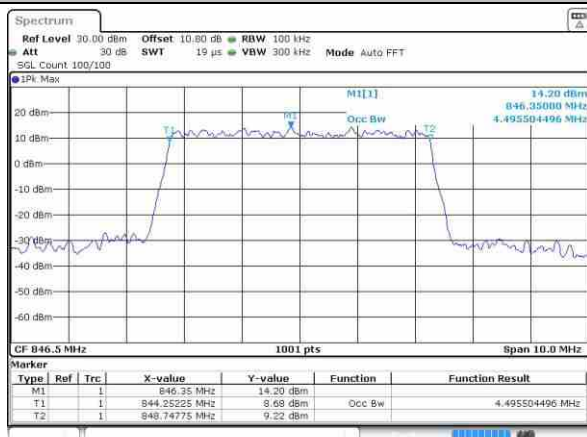
Date: 22 MAY 2019 04:58:33

Middle Channel / 5MHz / 16QAM



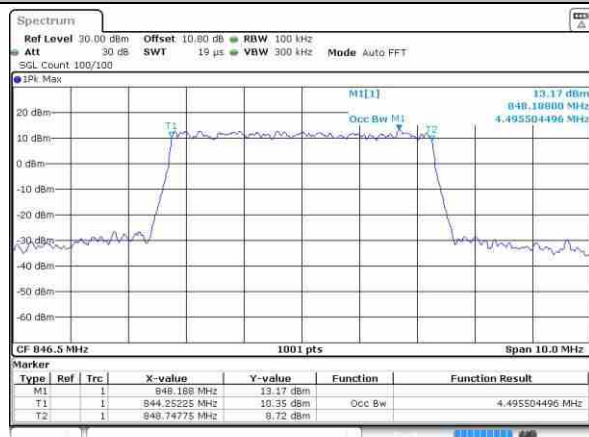
Date: 22 MAY 2019 04:58:45

Highest Channel / 5MHz / QPSK



Date: 22 MAY 2019 05:00:45

Highest Channel / 5MHz / 16QAM

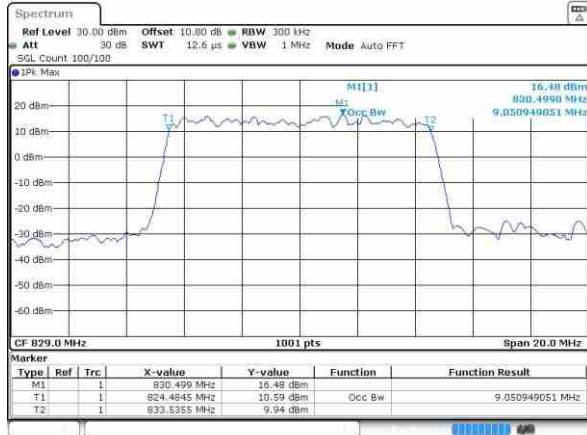


Date: 22 MAY 2019 05:00:57



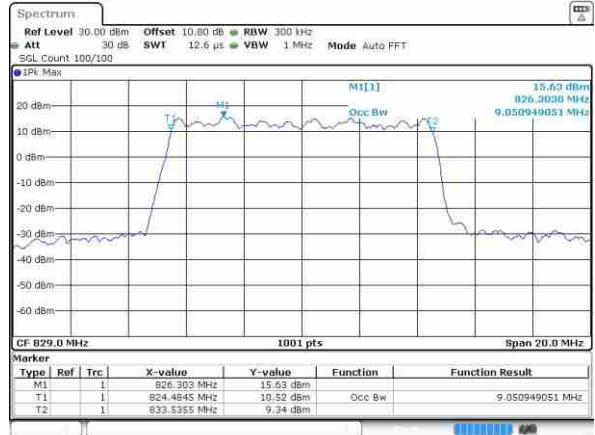
LTE Band 26

Lowest Channel / 10MHz / QPSK



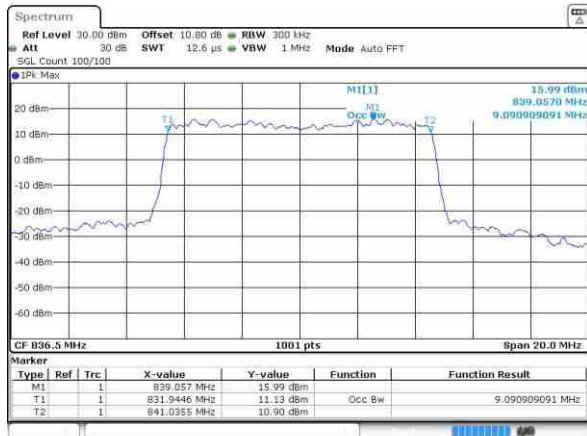
Date: 22 MAY 2019 05:14:39

Lowest Channel / 10MHz / 16QAM



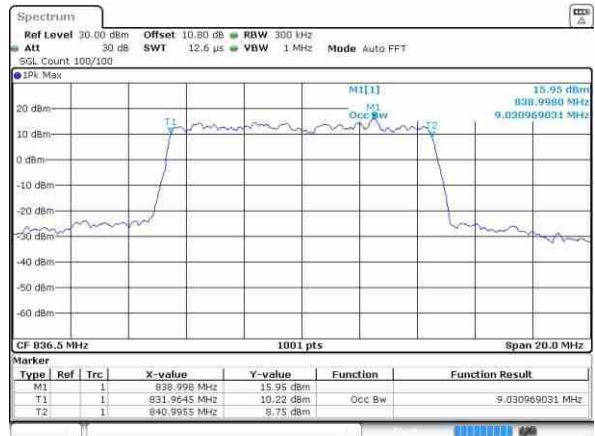
Date: 22 MAY 2019 05:14:51

Middle Channel / 10MHz / QPSK



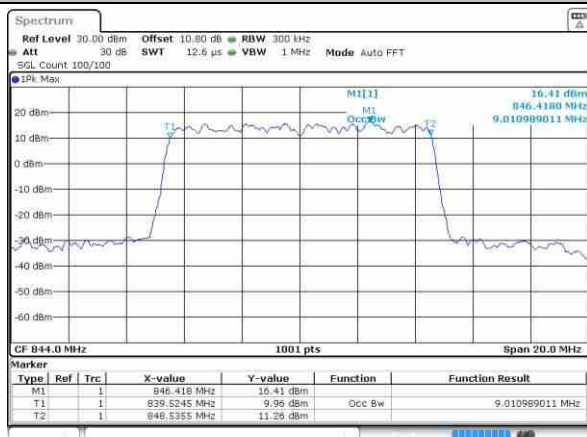
Date: 22 MAY 2019 05:19:35

Middle Channel / 10MHz / 16QAM



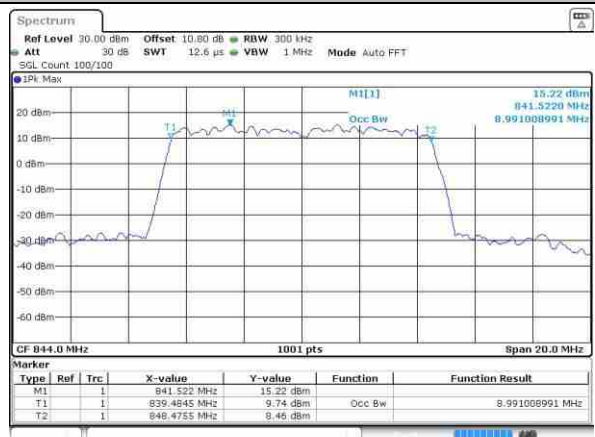
Date: 22 MAY 2019 05:19:48

Highest Channel / 10MHz / QPSK



Date: 22 MAY 2019 05:21:47

Highest Channel / 10MHz / 16QAM

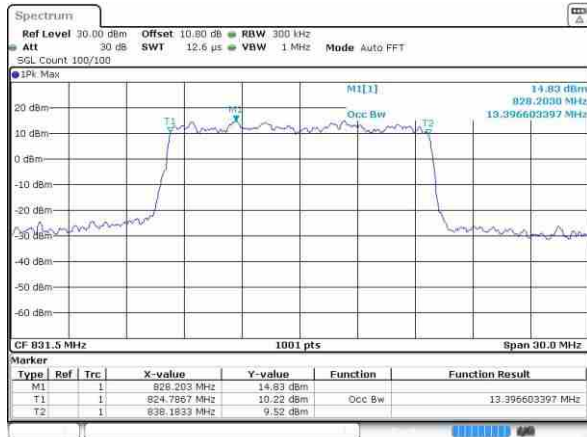


Date: 22 MAY 2019 05:22:00

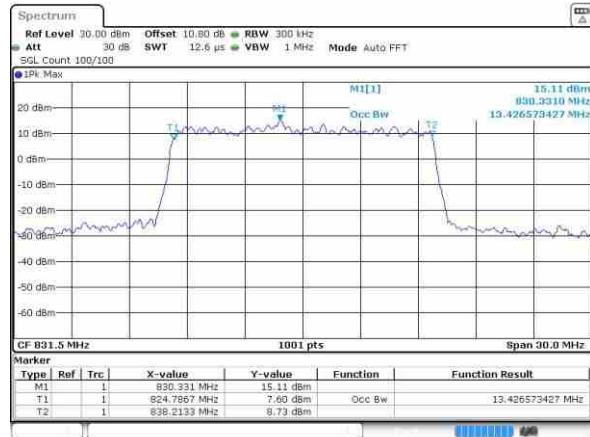


LTE Band 26

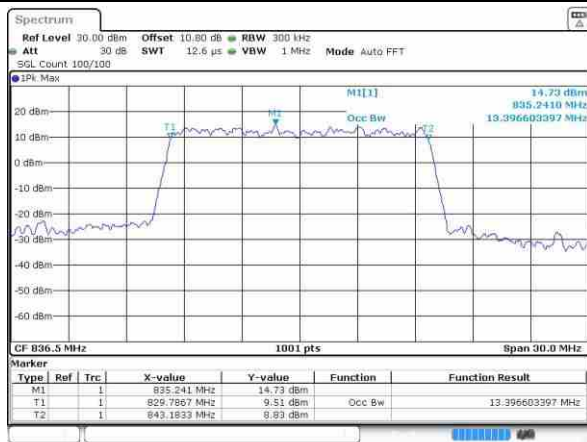
Lowest Channel / 15MHz / QPSK



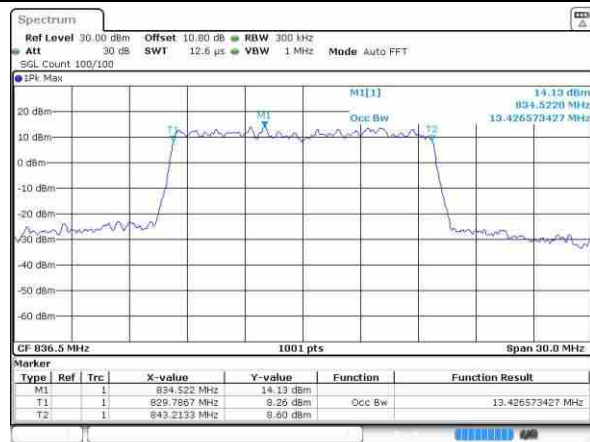
Lowest Channel / 15MHz / 16QAM



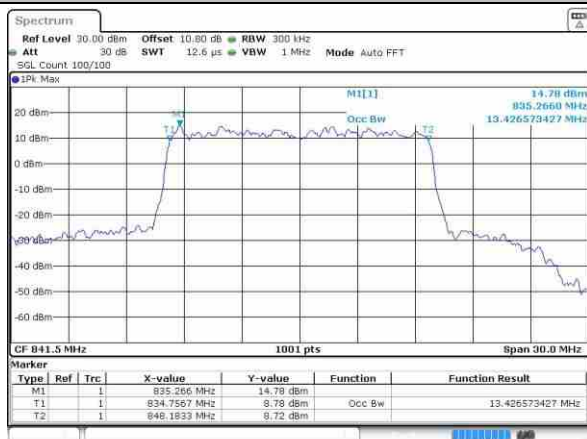
Middle Channel / 15MHz / QPSK



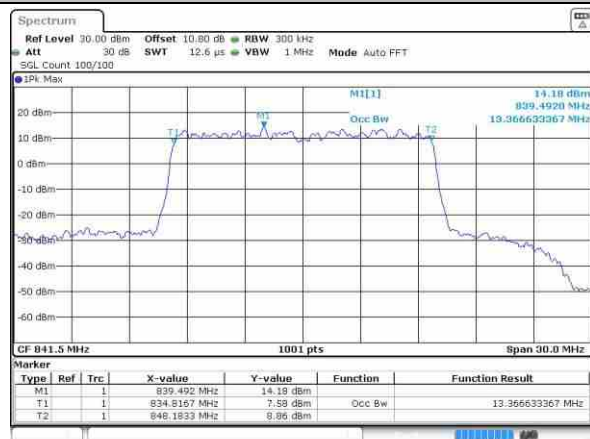
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



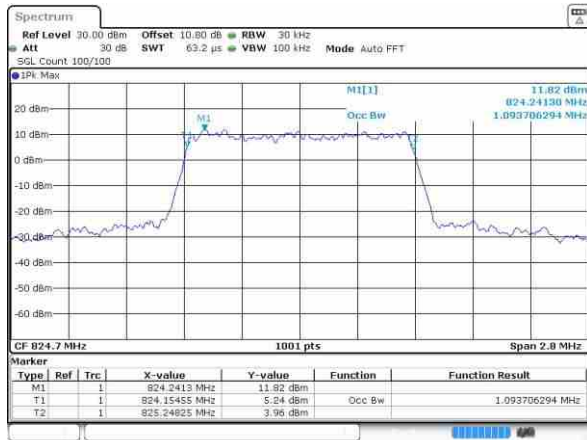
Highest Channel / 15MHz / 16QAM





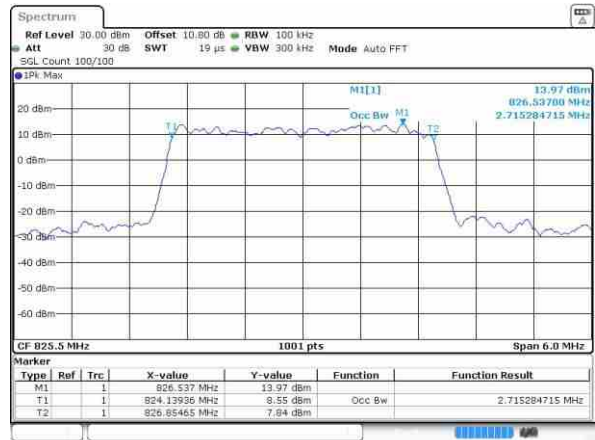
LTE Band 26

Lowest Channel / 1.4MHz / 64QAM



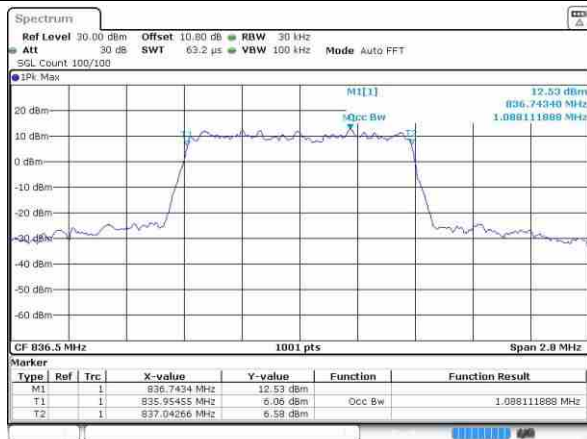
Date: 22 MAY 2019 04:03:45

Lowest Channel / 3MHz / 64QAM



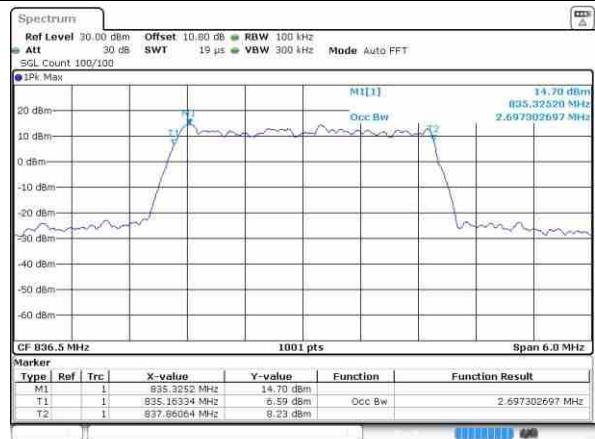
Date: 22 MAY 2019 04:14:41

Middle Channel / 1.4MHz / 64QAM



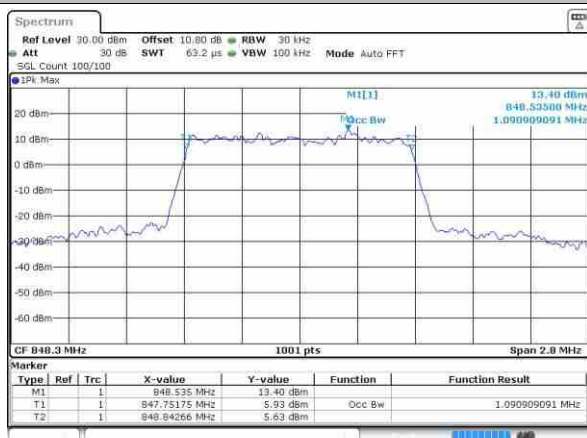
Date: 22 MAY 2019 04:08:18

Middle Channel / 3MHz / 64QAM



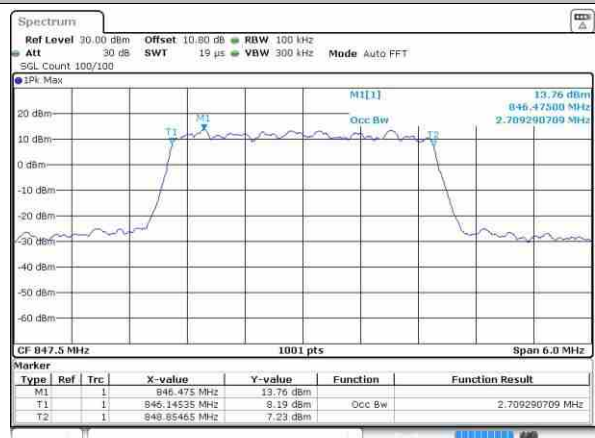
Date: 22 MAY 2019 04:17:35

Highest Channel / 1.4MHz / 64QAM



Date: 22 MAY 2019 04:09:29

Highest Channel / 3MHz / 64QAM

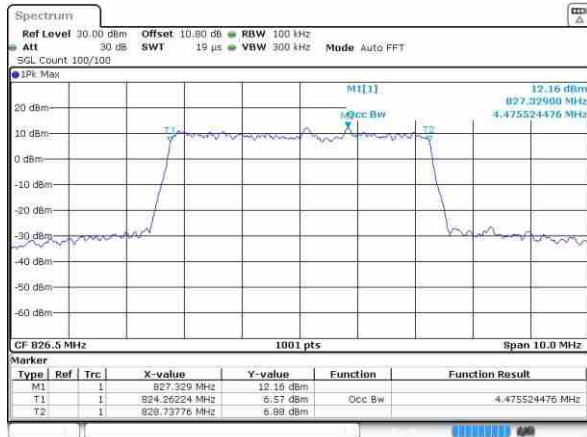


Date: 22 MAY 2019 04:18:40

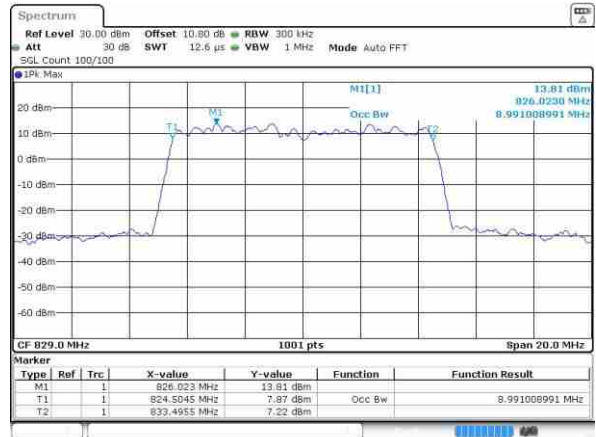


LTE Band 26

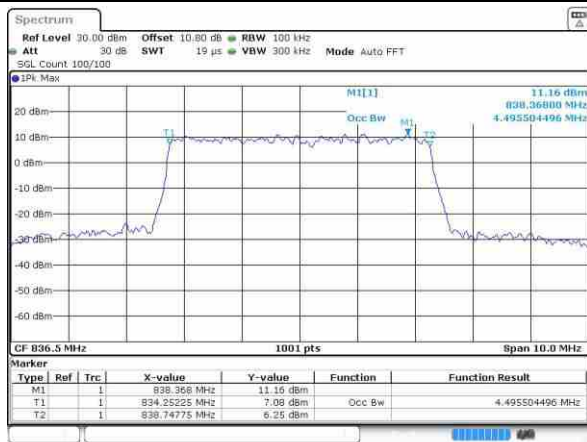
Lowest Channel / 5MHz / 64QAM



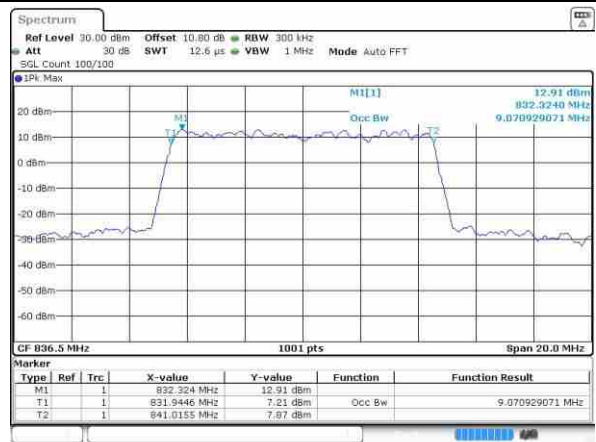
Lowest Channel / 10MHz / 64QAM



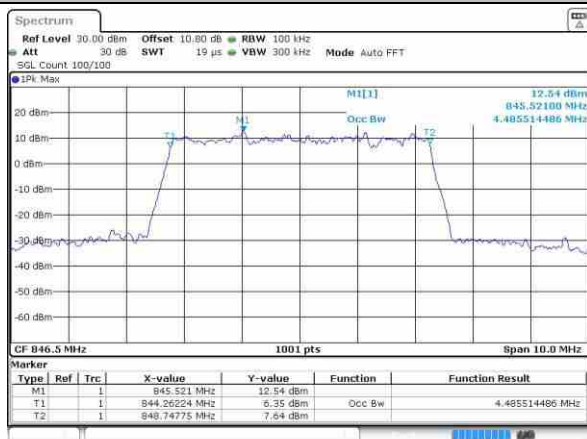
Middle Channel / 5MHz / 64QAM



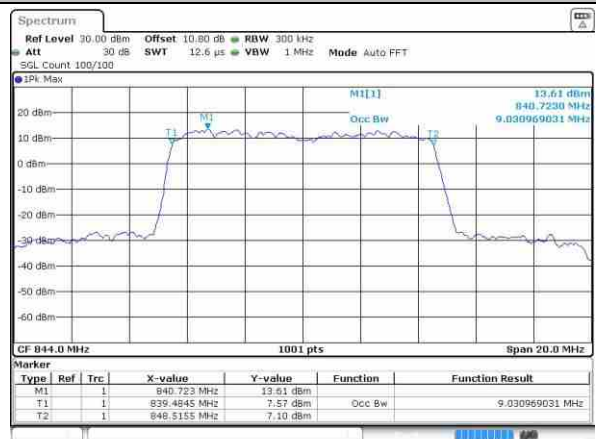
Middle Channel / 10MHz / 64QAM

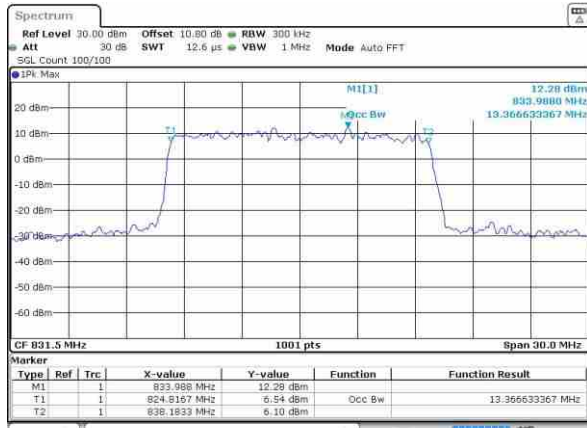


Highest Channel / 5MHz / 64QAM

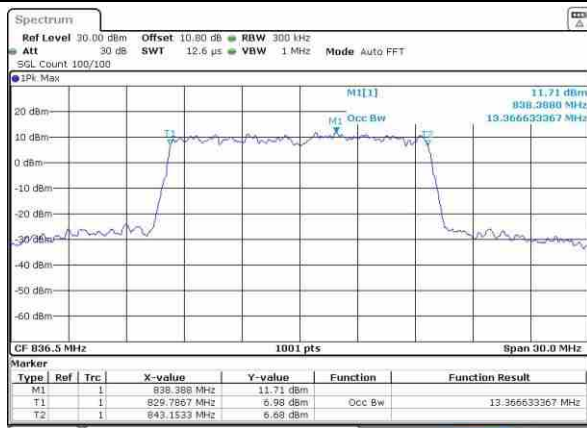


Highest Channel / 10MHz / 64QAM

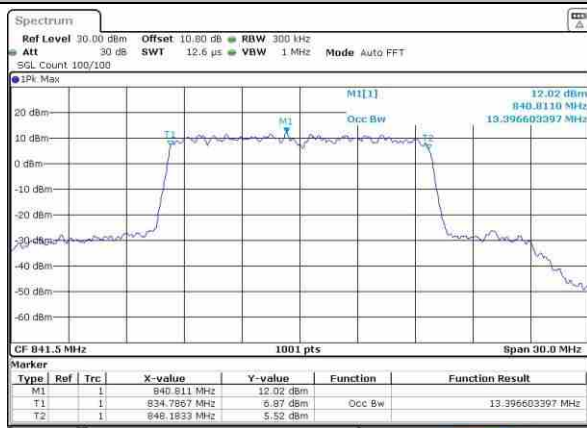


**LTE Band 26****Lowest Channel / 15MHz / 64QAM**

Date: 22 MAY 2019 04:33:45

Middle Channel / 15MHz / 64QAM

Date: 22 MAY 2019 04:36:10

Highest Channel / 15MHz / 64QAM

Date: 22 MAY 2019 04:37:16



Conducted Band Edge



LTE Band 26 / 1.4MHz / QPSK

Lowest Band Edge / 1RB



Highest Band Edge / 1RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB





LTE Band 26 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

