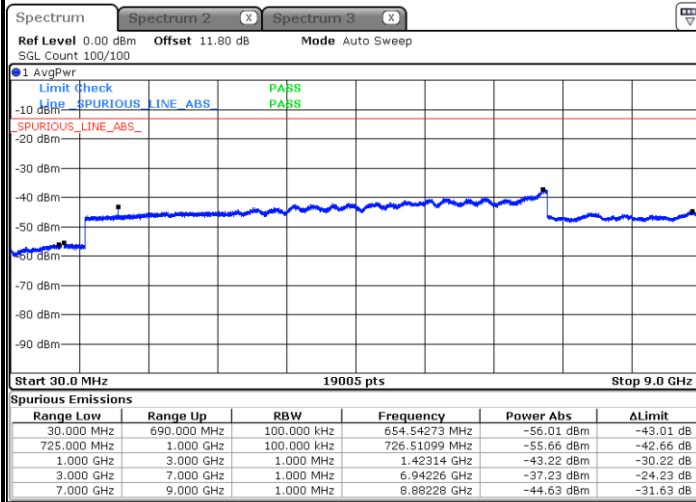




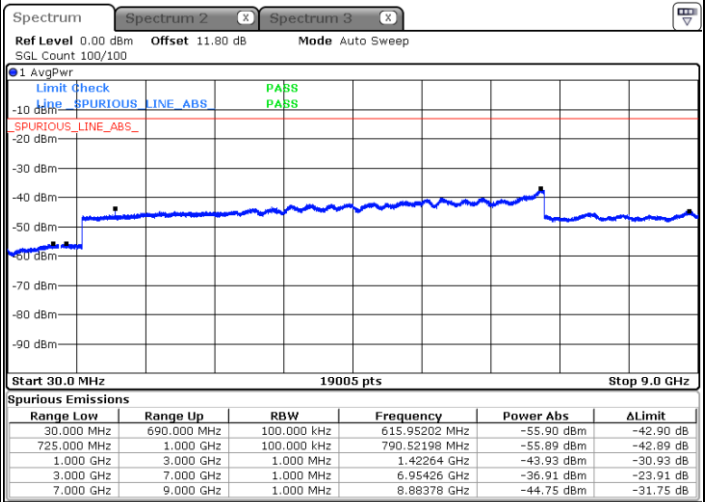
LTE Band 17 / 5MHz

Highest Channel / QPSK



Date: 10.JAN.2018 23:27:34

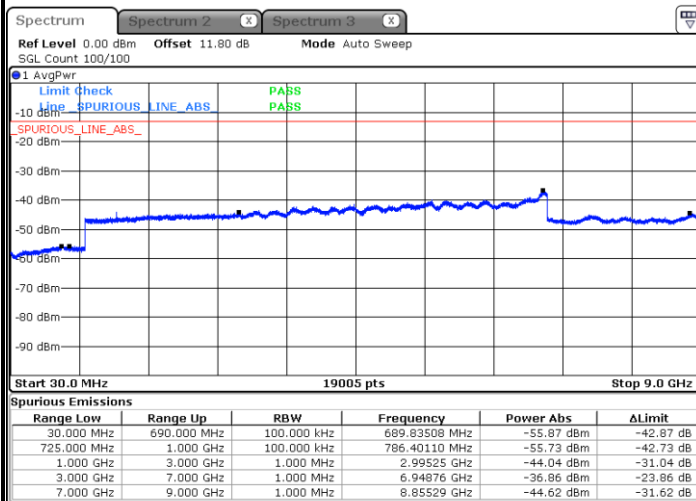
Highest Channel / 16QAM



Date: 10.JAN.2018 23:28:30

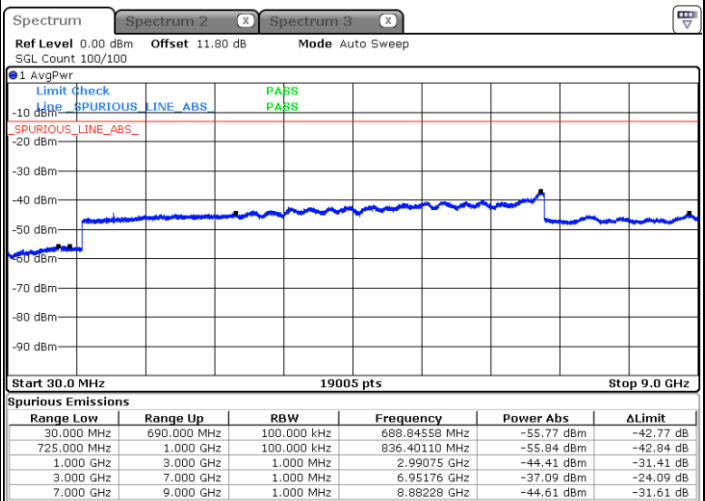
LTE Band 17 / 10MHz

Lowest Channel / QPSK



Date: 10.JAN.2018 23:34:47

Lowest Channel / 16QAM

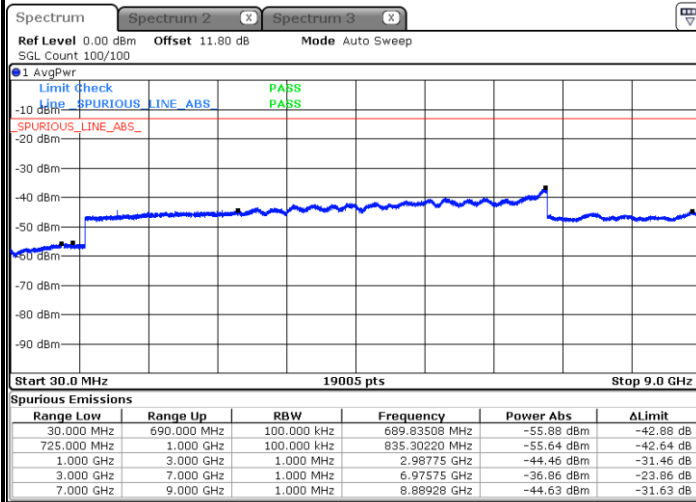


Date: 10.JAN.2018 23:35:43



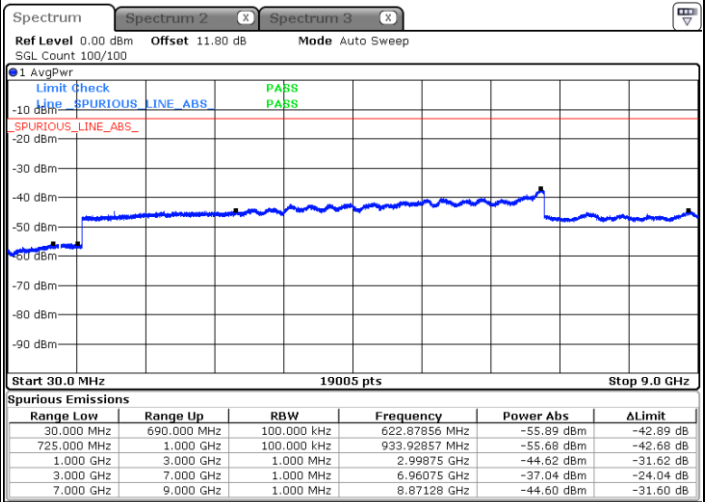
LTE Band 17 / 10MHz

Middle Channel / QPSK



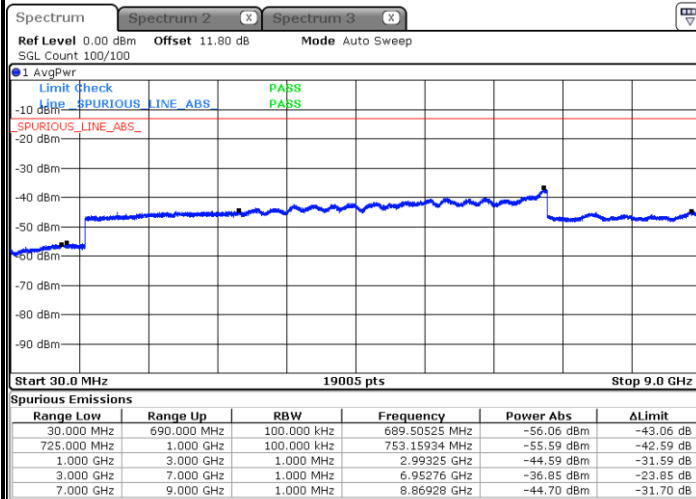
Date: 10.JAN.2018 23:37:24

Middle Channel / 16QAM



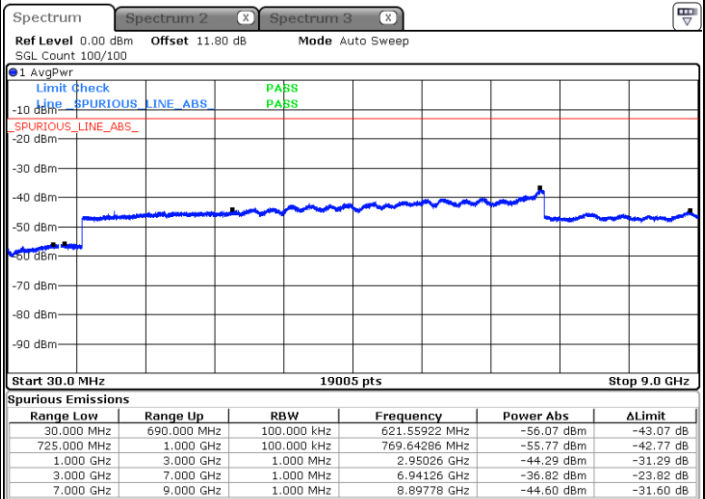
Date: 10.JAN.2018 23:38:20

Highest Channel / QPSK



Date: 10.JAN.2018 23:44:37

Highest Channel / 16QAM

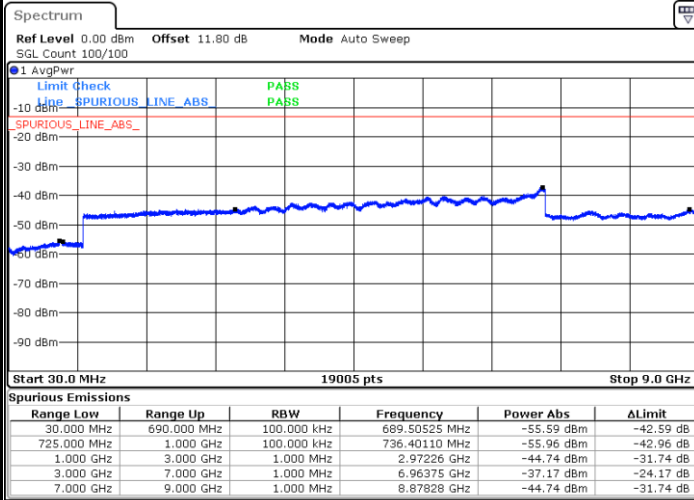


Date: 10.JAN.2018 23:45:33



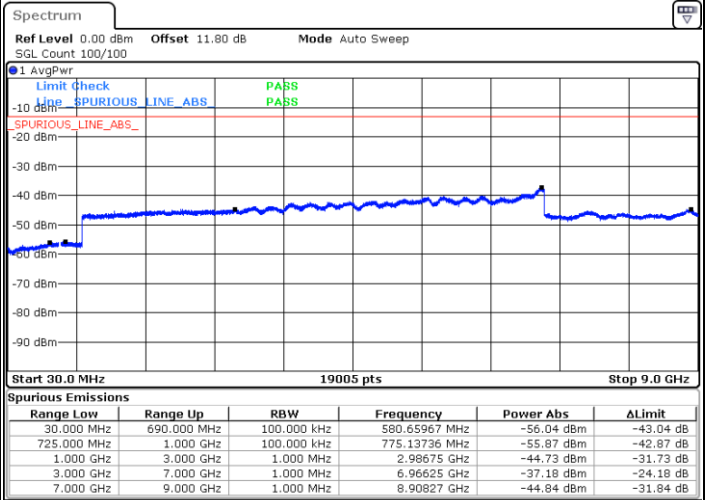
LTE Band 17 / 5MHz

Lowest Channel / 64QAM



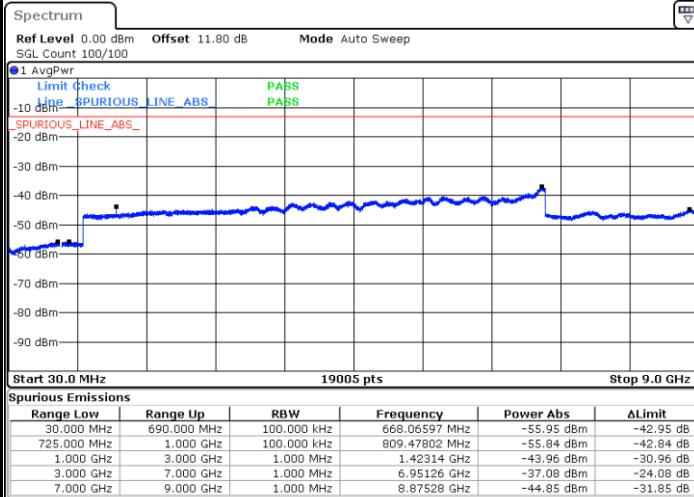
Date: 2.FEB.2018 01:16:26

Middle Channel / 64QAM



Date: 2.FEB.2018 01:17:46

Highest Channel / 64QAM

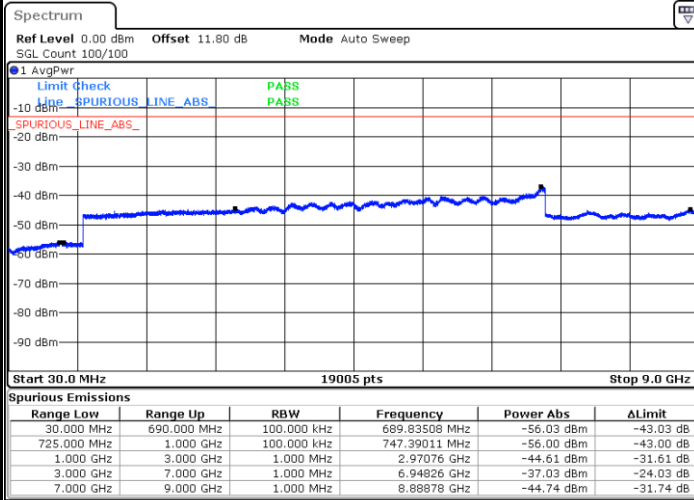


Date: 2.FEB.2018 01:21:24



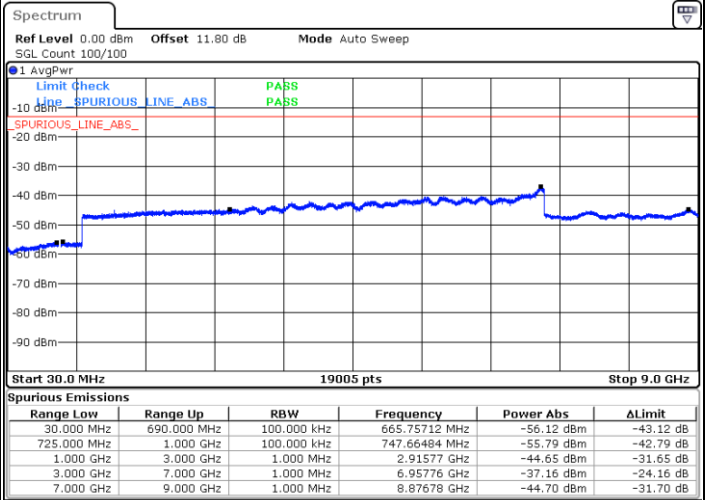
LTE Band 17 / 10MHz

Lowest Channel / 64QAM



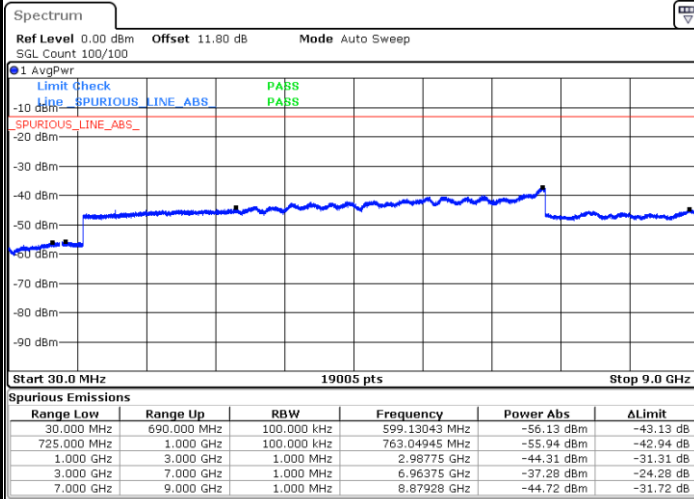
Date: 2.FEB.2018 01:23:53

Middle Channel / 64QAM



Date: 2.FEB.2018 01:25:13

Highest Channel / 64QAM



Date: 2.FEB.2018 01:28:50

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	0.0079	PASS
40	Normal Voltage	0.0030	
30	Normal Voltage	0.0030	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0030	
0	Normal Voltage	0.0038	
-10	Normal Voltage	0.0004	
-20	Normal Voltage	0.0010	
-30	Normal Voltage	0.0035	
20	Maximum Voltage	0.0089	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0039	

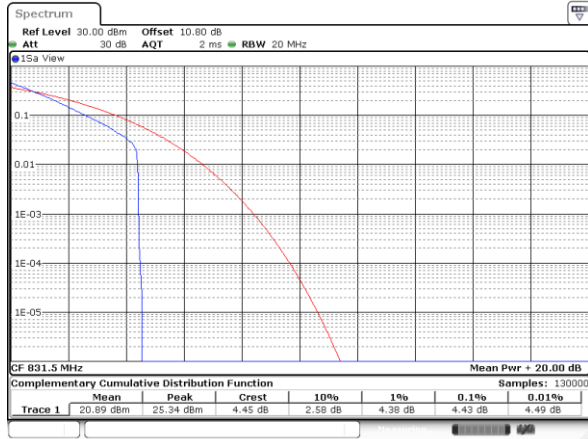
Note:

1. Normal Voltage =4.0 V. ; Battery End Point (BEP) =3.8 V. ; Maximum Voltage =4.2 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

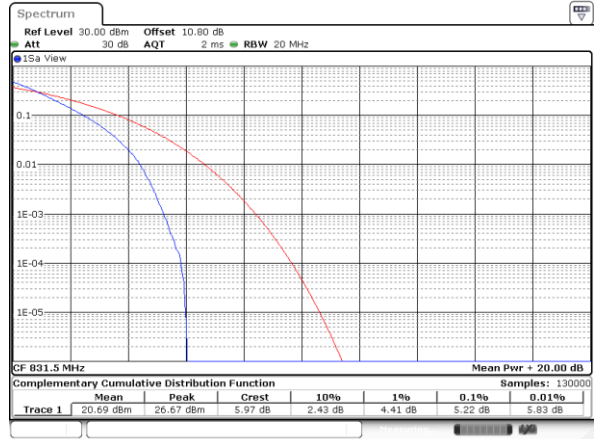
LTE Band 26

Peak-to-Average Ratio

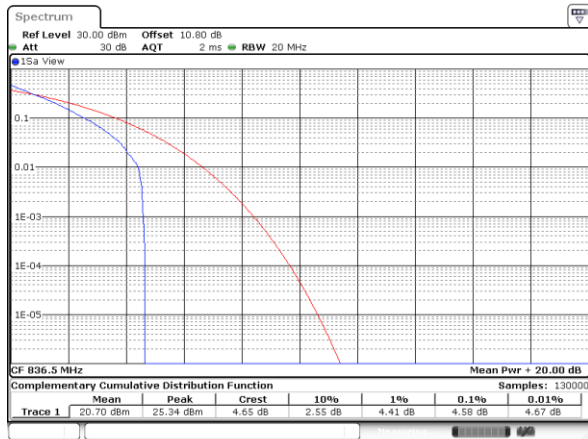
Mode	LTE Band 26 / 15MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.43	5.22	5.04	5.94	PASS
Middle CH	4.58	5.13	4.32	5.97	
Highest CH	4.64	5.01	4.12	5.8	
Mode	LTE Band 26 / 15MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	6.14	6.55	-	-	PASS
Middle CH	5.07	6.46	-	-	
Highest CH	6.64	6.41	-	-	

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


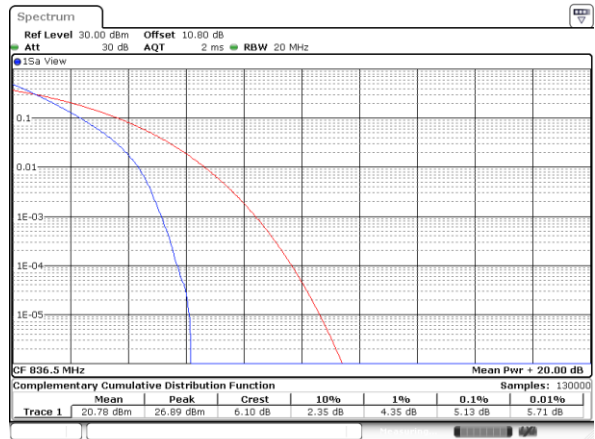
Date: 19 JAN 2018 01:21:03

Lowest Channel / Full RB


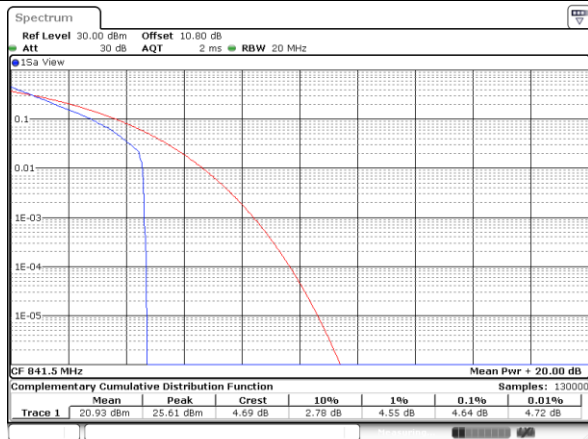
Date: 19 JAN 2018 01:20:37

Middle Channel / 1RB


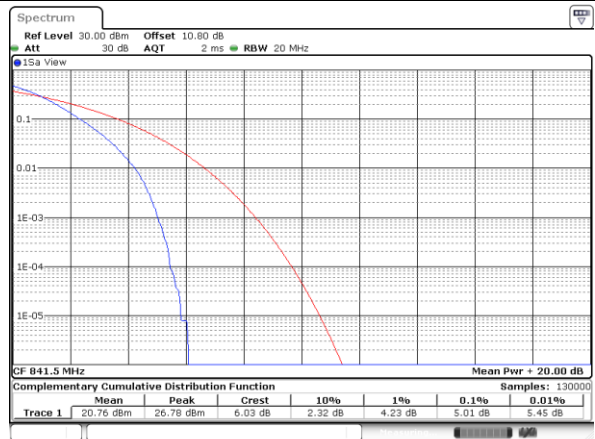
Date: 19 JAN 2018 01:21:12

Middle Channel / Full RB


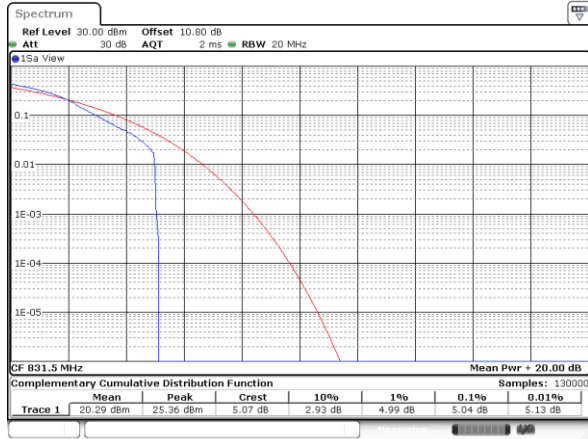
Date: 19 JAN 2018 01:21:38

Highest Channel / 1RB


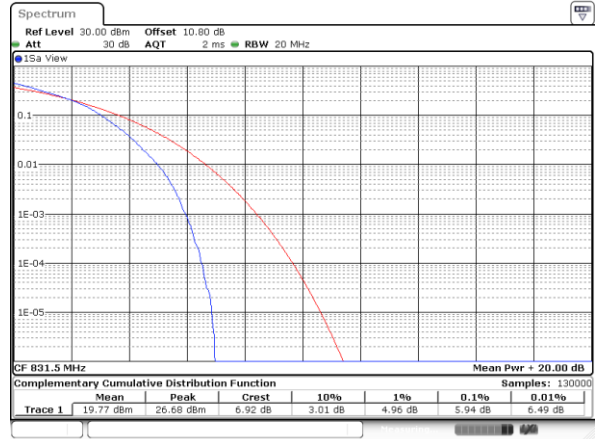
Date: 19 JAN 2018 01:24:44

Highest Channel / Full RB


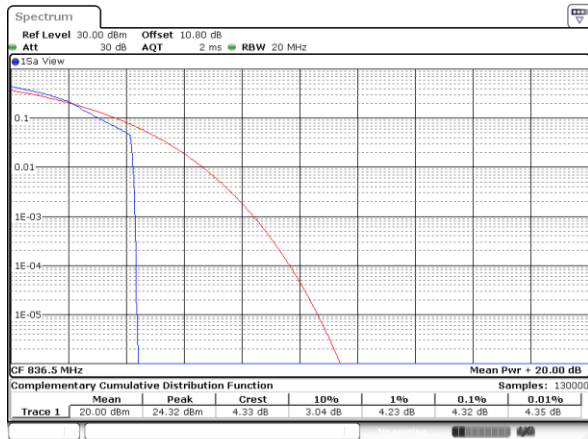
Date: 19 JAN 2018 01:21:47

LTE Band 26 / 15MHz / 16QAM
Lowest Channel / 1RB


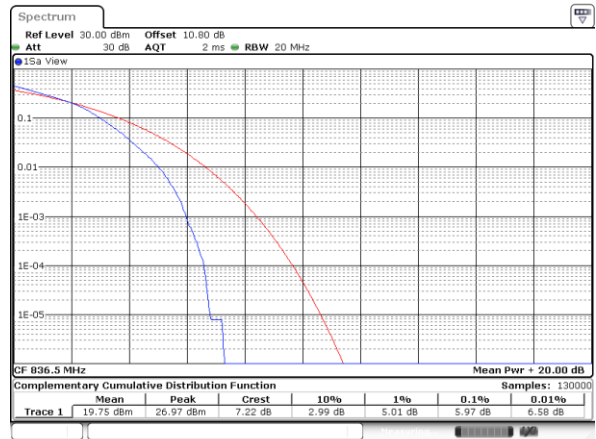
Date: 19 JAN 2018 01:20:54

Lowest Channel / Full RB


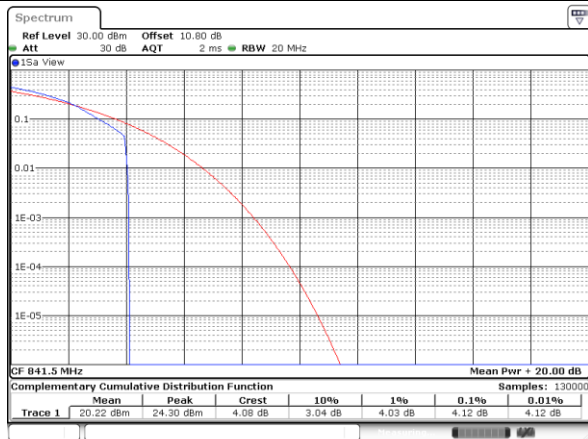
Date: 19 JAN 2018 01:20:46

Middle Channel / 1RB


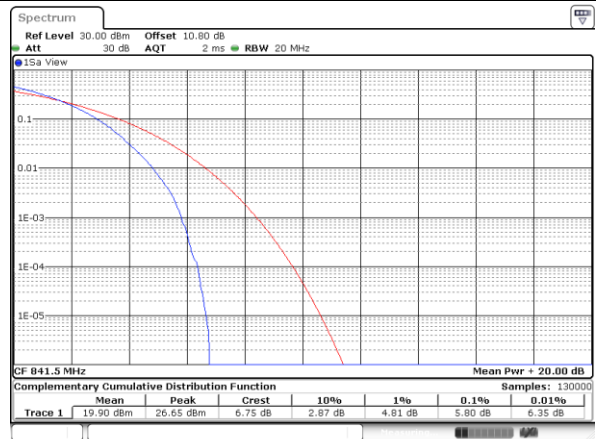
Date: 19 JAN 2018 01:21:21

Middle Channel / Full RB


Date: 19 JAN 2018 01:21:30

Highest Channel / 1RB


Date: 19 JAN 2018 01:24:35

Highest Channel / Full RB


Date: 19 JAN 2018 01:24:24

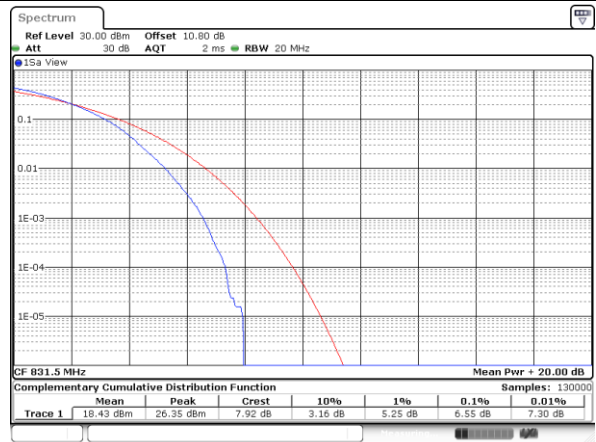


LTE Band 26 / 15MHz / 64QAM

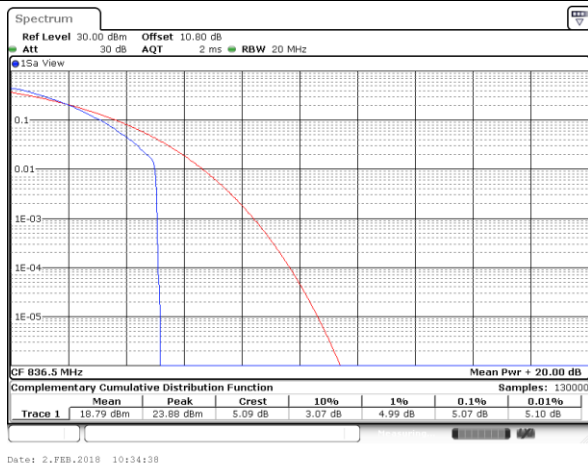
Lowest Channel / 1RB



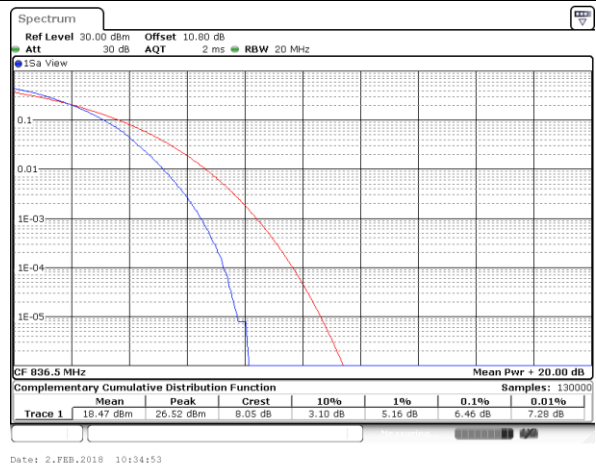
Lowest Channel / Full RB



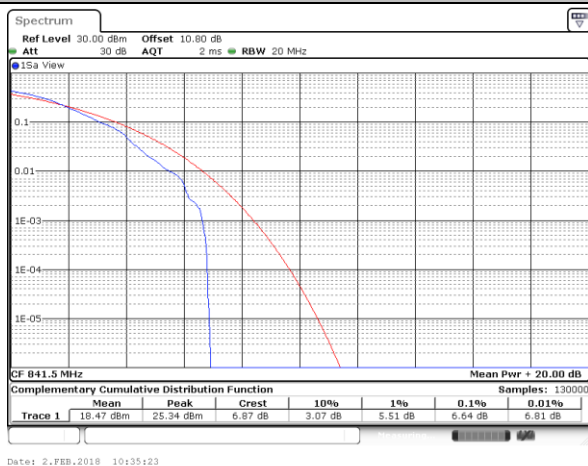
Middle Channel / 1RB



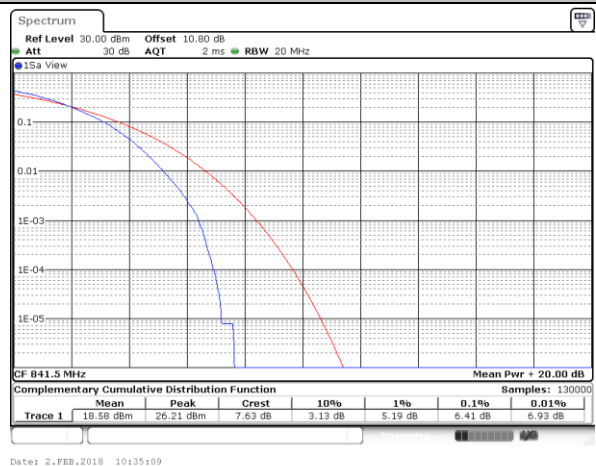
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB



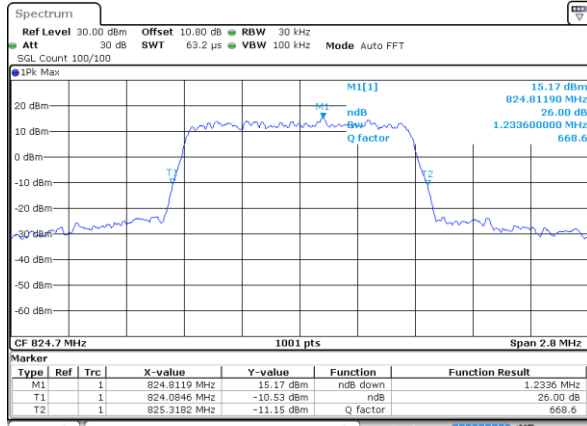
**26dB Bandwidth**

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	1.23	1.20	3.01	2.99	4.86	4.94	9.77	9.67	14.39	14.33	-	-
Middle CH	1.24	1.23	3.03	2.96	4.90	4.90	9.73	9.75	14.69	14.24	-	-
Highest CH	1.24	1.24	2.99	3.05	4.91	4.91	9.77	9.65	14.63	14.81	-	-
Mode	LTE Band 26 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.23	-	3.00	-	4.87	-	9.63	-	14.48	-	-	-
Middle CH	1.22	-	3.01	-	4.91	-	9.67	-	14.30	-	-	-
Highest CH	1.23	-	3.04	-	4.91	-	9.63	-	14.33	-	-	-



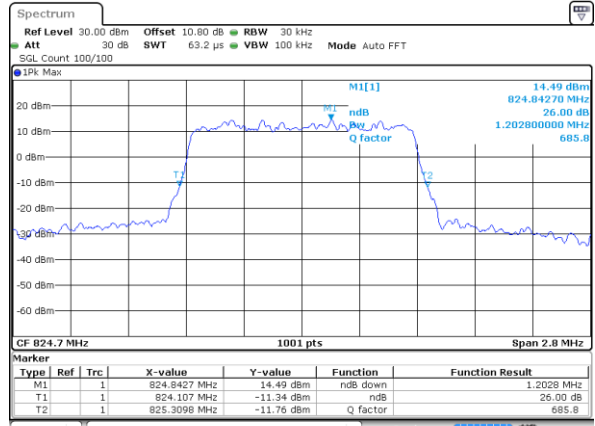
LTE Band 26

Lowest Channel / 1.4MHz / QPSK



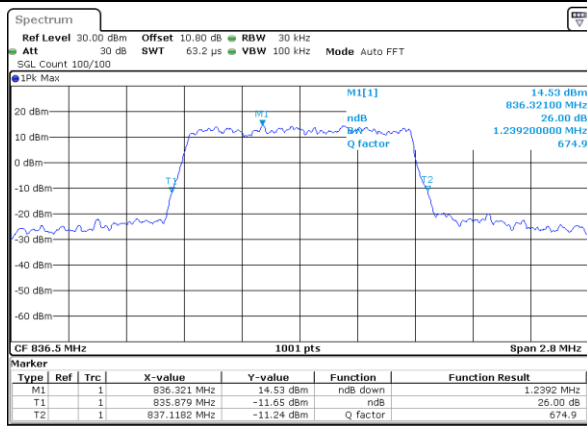
Date: 11 JAN 2018 11:48:55

Lowest Channel / 1.4MHz / 16QAM



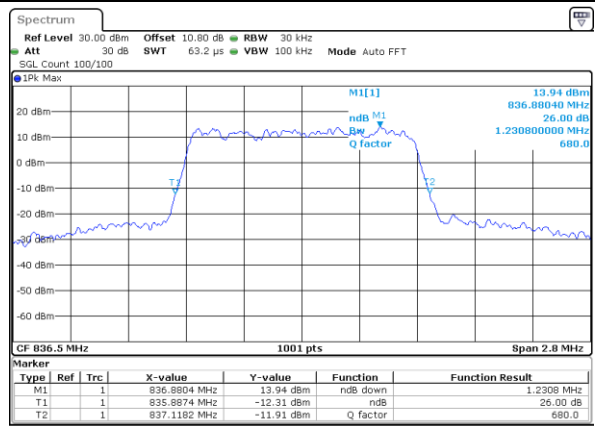
Date: 11 JAN 2018 11:48:45

Middle Channel / 1.4MHz / QPSK



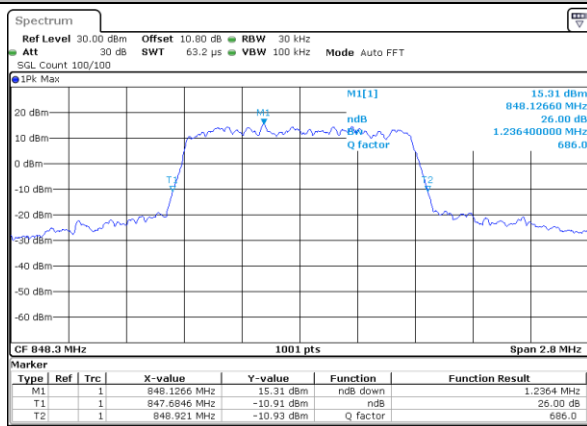
Date: 11 JAN 2018 11:51:23

Middle Channel / 1.4MHz / 16QAM



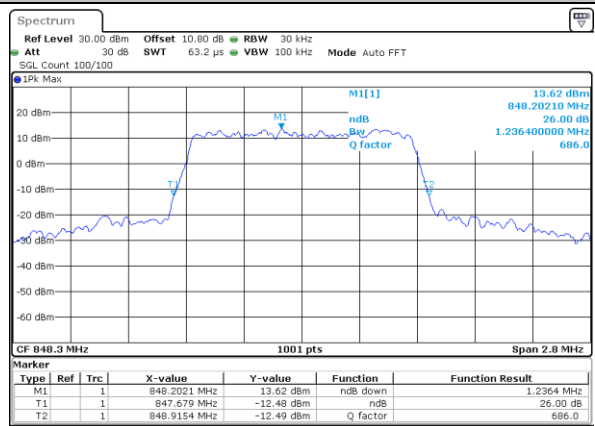
Date: 11 JAN 2018 11:51:13

Highest Channel / 1.4MHz / QPSK



Date: 11 JAN 2018 11:53:50

Highest Channel / 1.4MHz / 16QAM

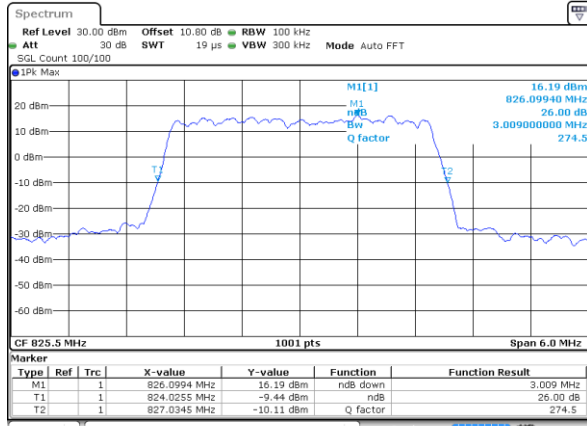


Date: 11 JAN 2018 11:53:40

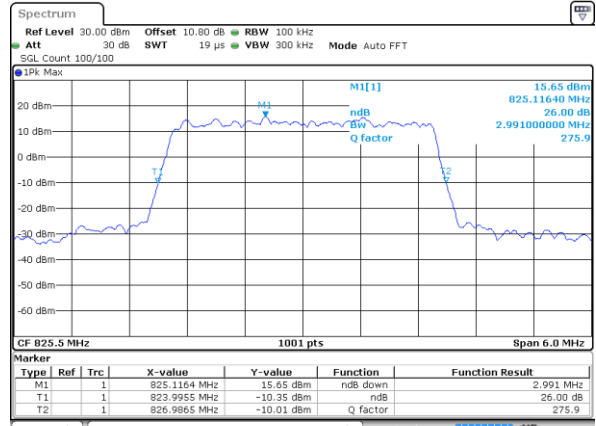


LTE Band 26

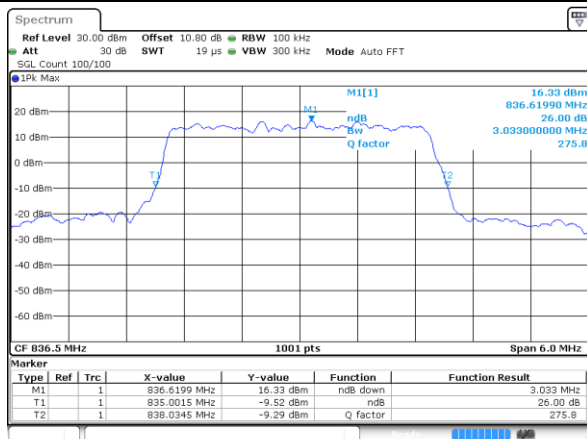
Lowest Channel / 3MHz / QPSK



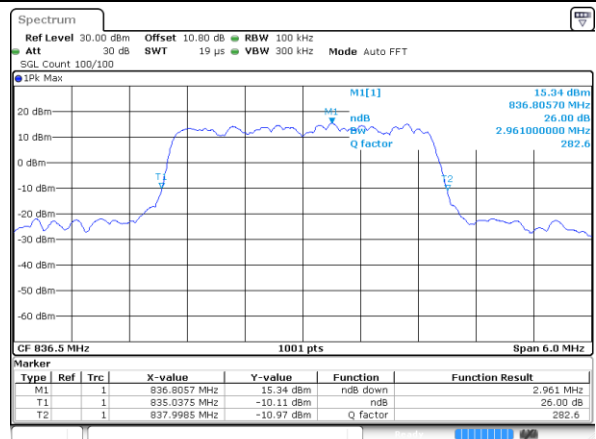
Lowest Channel / 3MHz / 16QAM



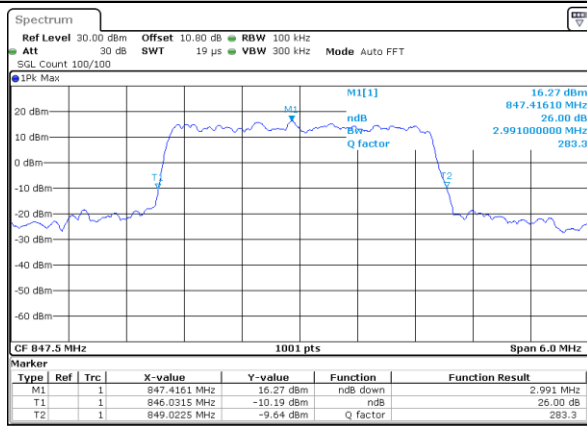
Middle Channel / 3MHz / QPSK



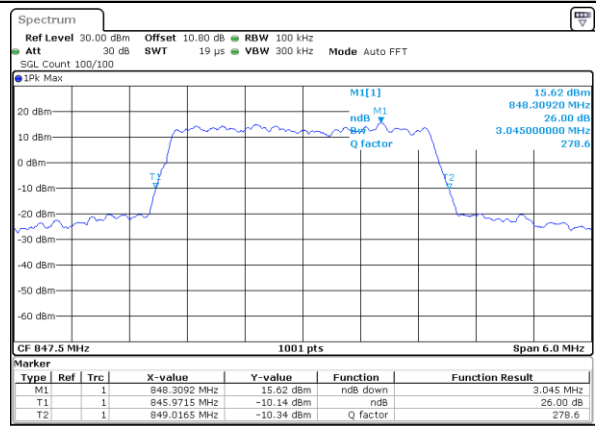
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



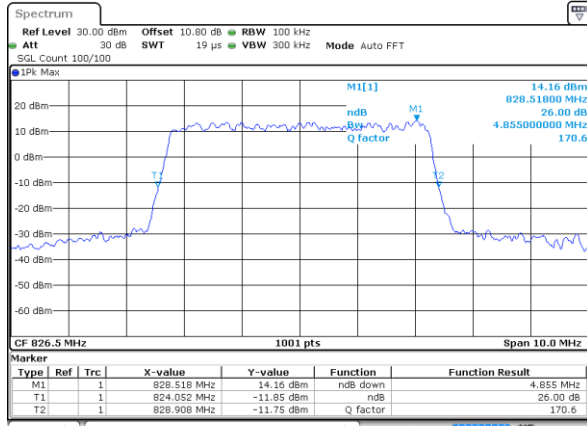
Highest Channel / 3MHz / 16QAM





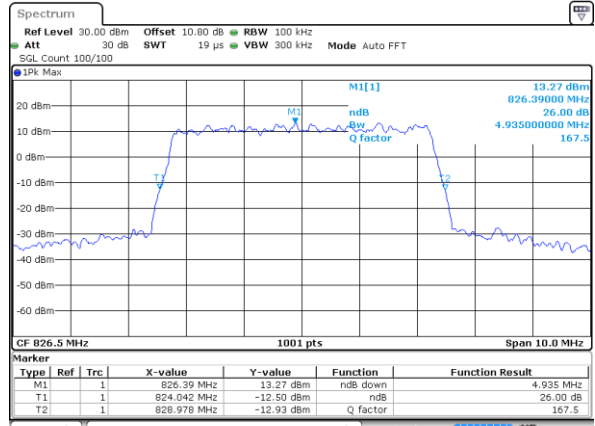
LTE Band 26

Lowest Channel / 5MHz / QPSK



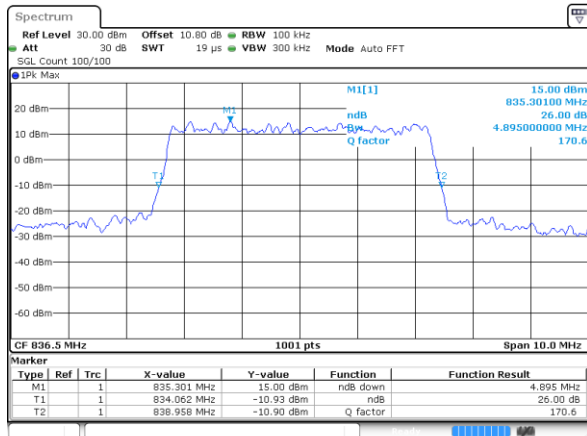
Date: 11 JAN 2018 12:03:41

Lowest Channel / 5MHz / 16QAM



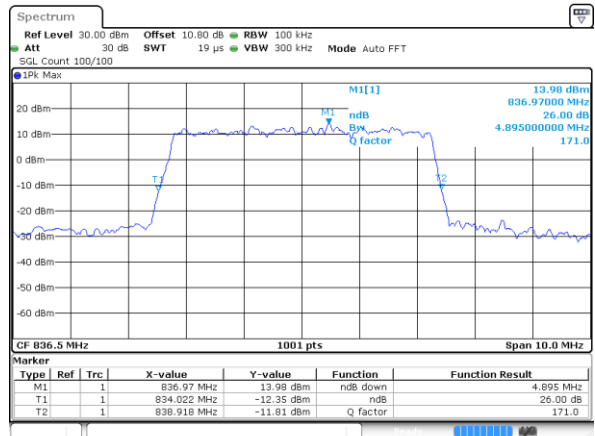
Date: 11 JAN 2018 12:03:31

Middle Channel / 5MHz / QPSK



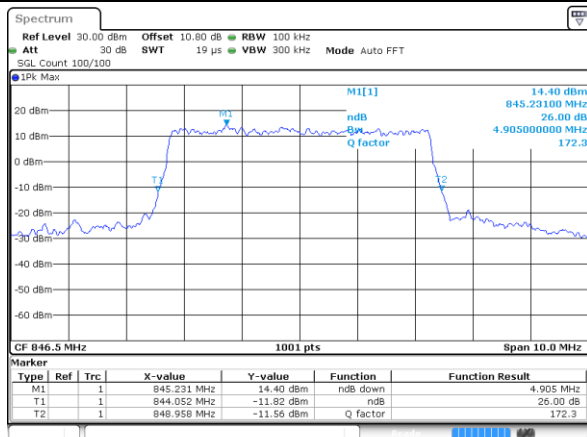
Date: 11 JAN 2018 12:08:09

Middle Channel / 5MHz / 16QAM



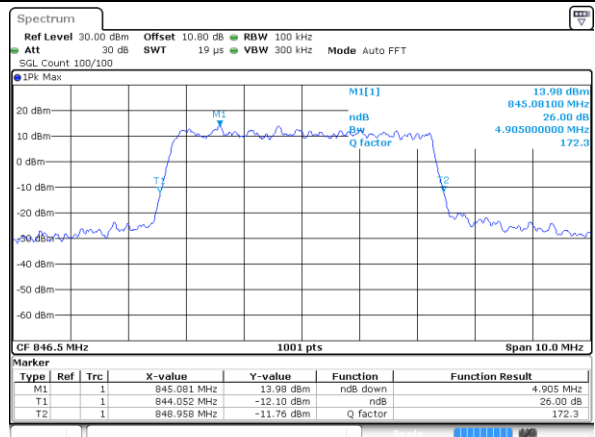
Date: 11 JAN 2018 12:05:59

Highest Channel / 5MHz / QPSK



Date: 11 JAN 2018 12:08:37

Highest Channel / 5MHz / 16QAM

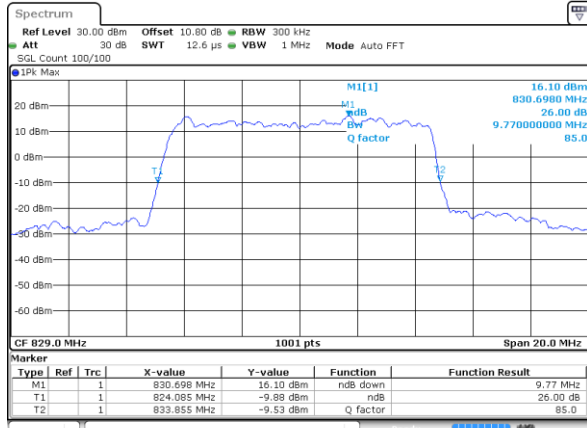


Date: 11 JAN 2018 12:08:27



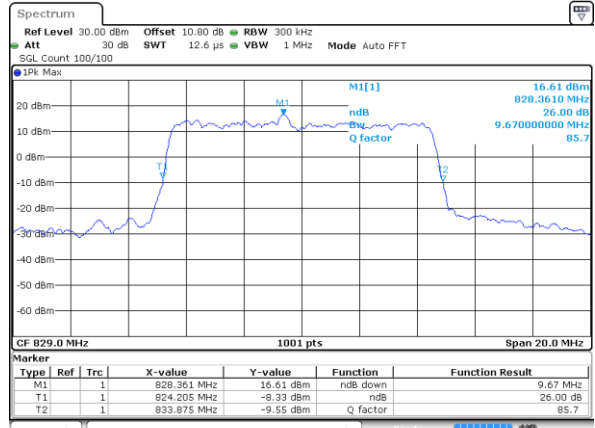
LTE Band 26

Lowest Channel / 10MHz / QPSK



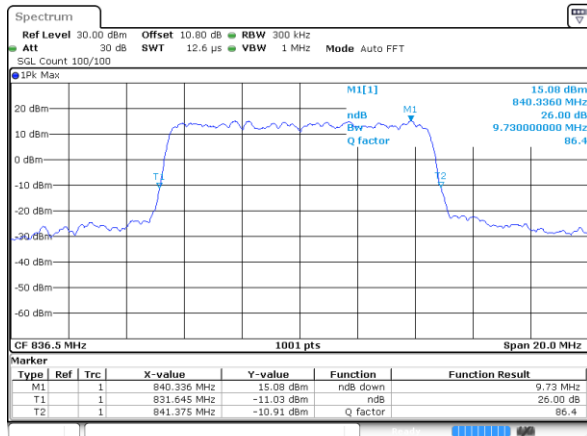
Date: 11 JAN 2018 12:11:05

Lowest Channel / 10MHz / 16QAM



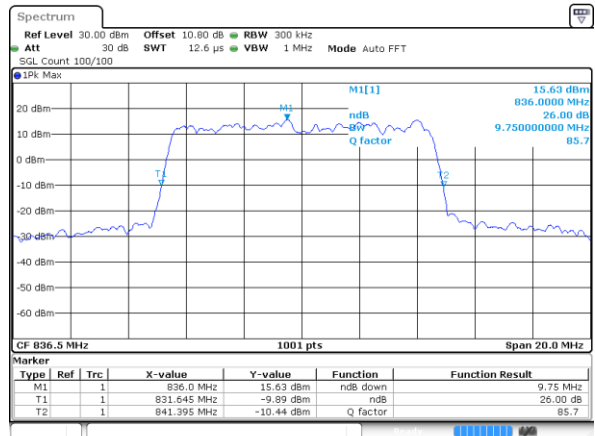
Date: 11 JAN 2018 12:10:55

Middle Channel / 10MHz / QPSK



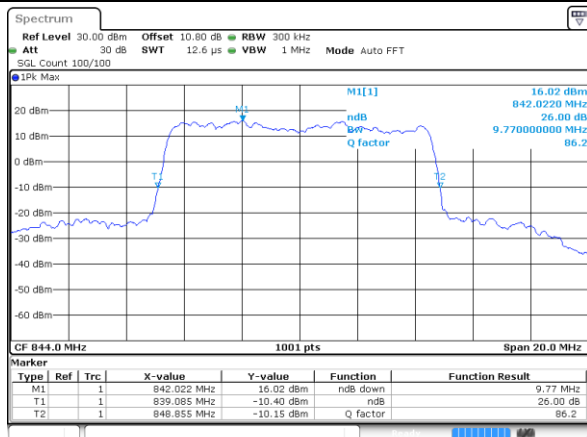
Date: 11 JAN 2018 12:13:32

Middle Channel / 10MHz / 16QAM



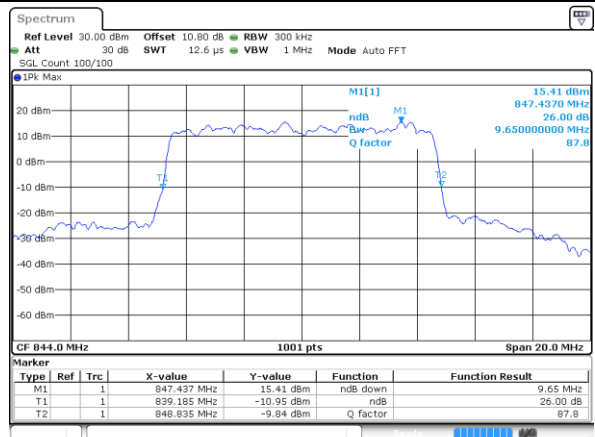
Date: 11 JAN 2018 12:13:22

Highest Channel / 10MHz / QPSK



Date: 11 JAN 2018 12:16:00

Highest Channel / 10MHz / 16QAM

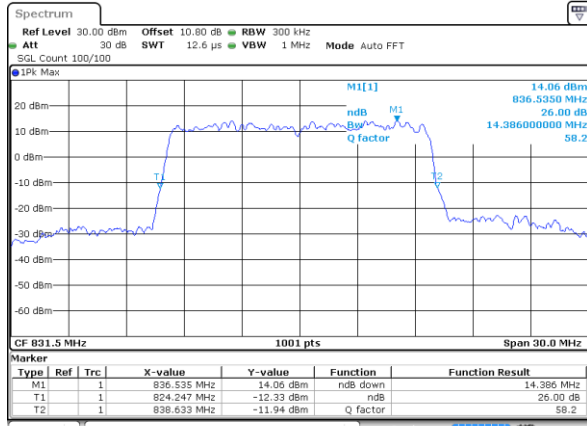


Date: 11 JAN 2018 12:15:50



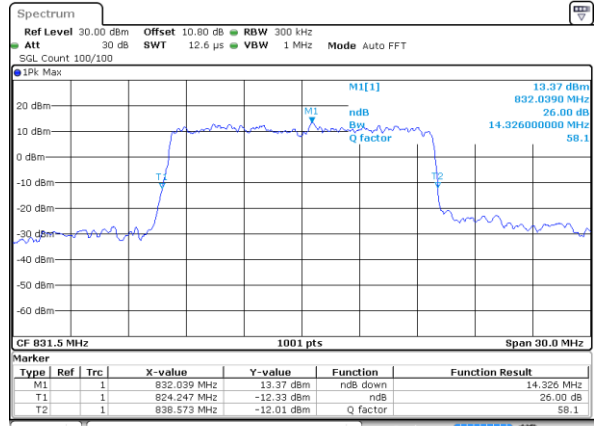
LTE Band 26

Lowest Channel / 15MHz / QPSK



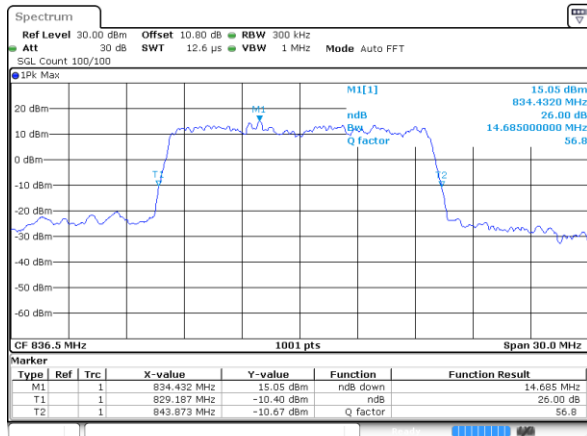
Date: 11 JAN 2018 12:18:28

Lowest Channel / 15MHz / 16QAM



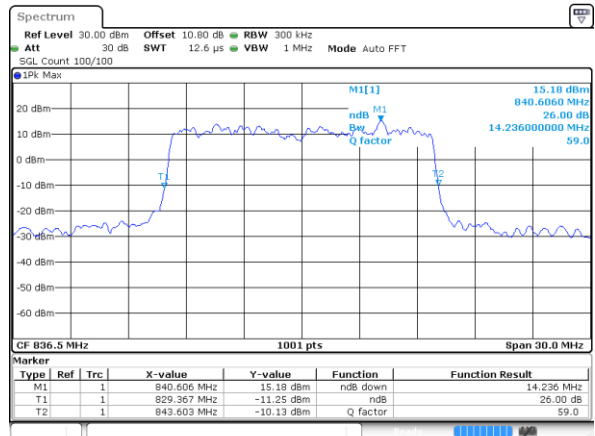
Date: 11 JAN 2018 12:18:18

Middle Channel / 15MHz / QPSK



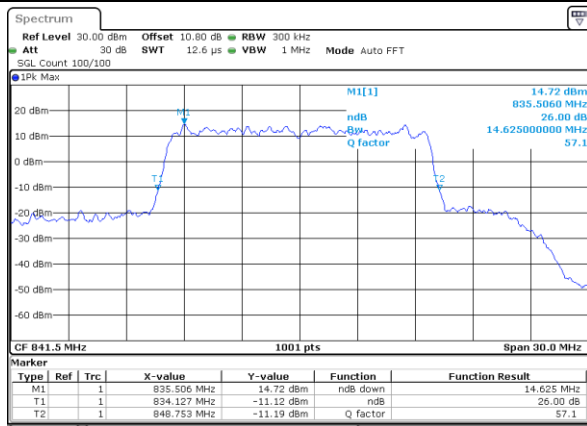
Date: 11 JAN 2018 12:20:56

Middle Channel / 15MHz / 16QAM



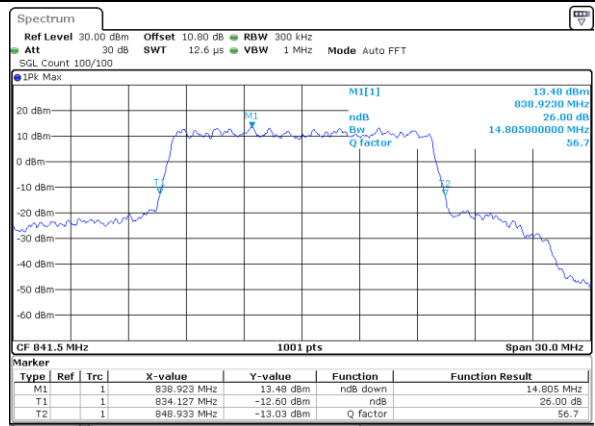
Date: 11 JAN 2018 12:20:46

Highest Channel / 15MHz / QPSK



Date: 11 JAN 2018 12:23:24

Highest Channel / 15MHz / 16QAM

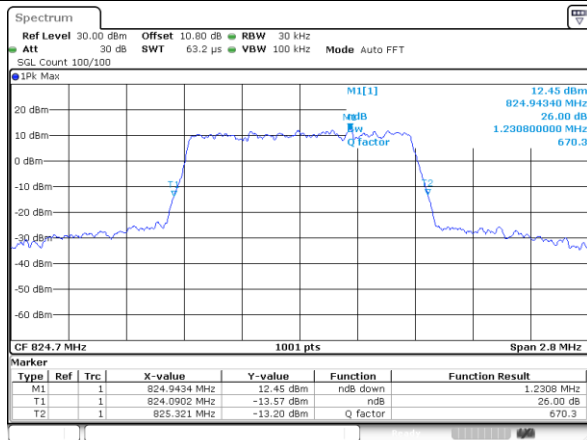


Date: 11 JAN 2018 12:23:14

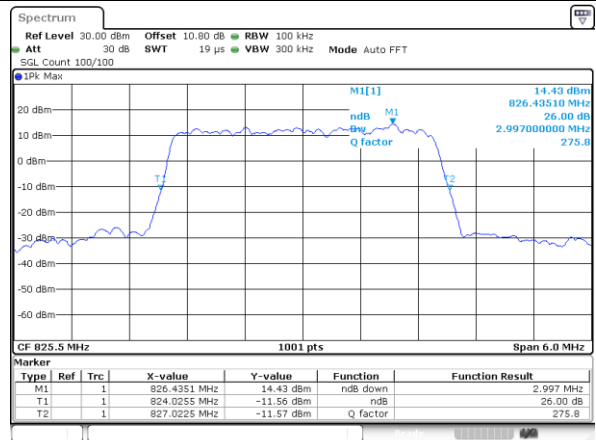


LTE Band 26

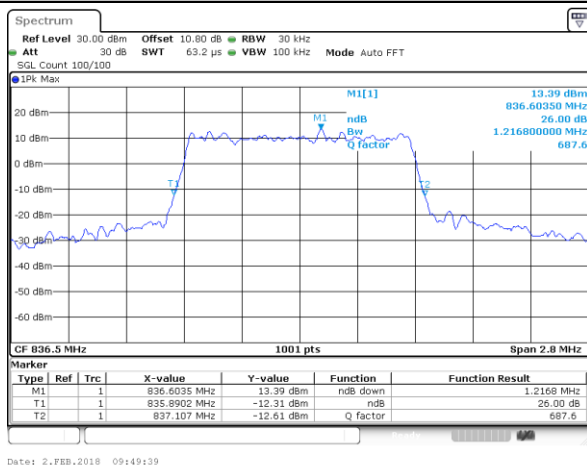
Lowest Channel / 1.4MHz / 64QAM



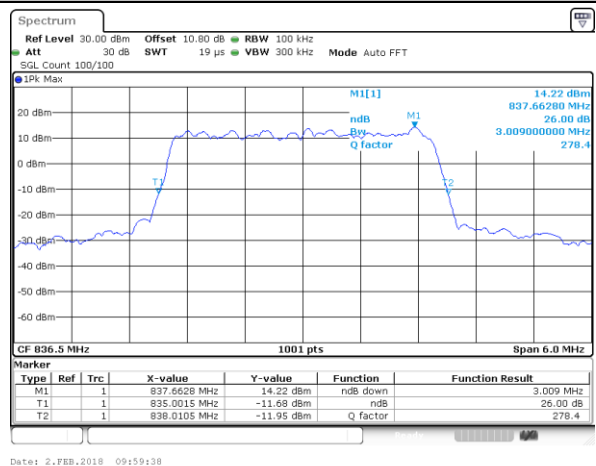
Lowest Channel / 3MHz / 64QAM



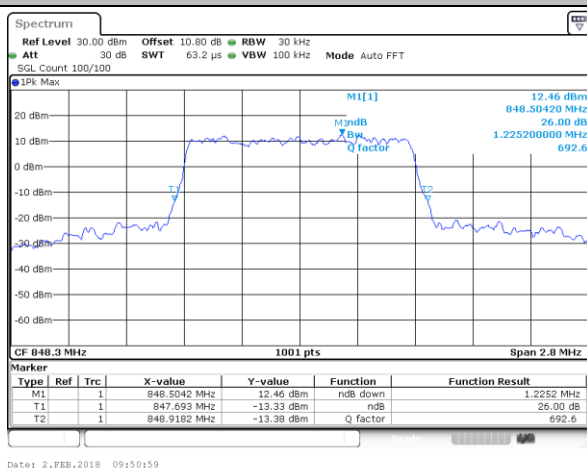
Middle Channel / 1.4MHz / 64QAM



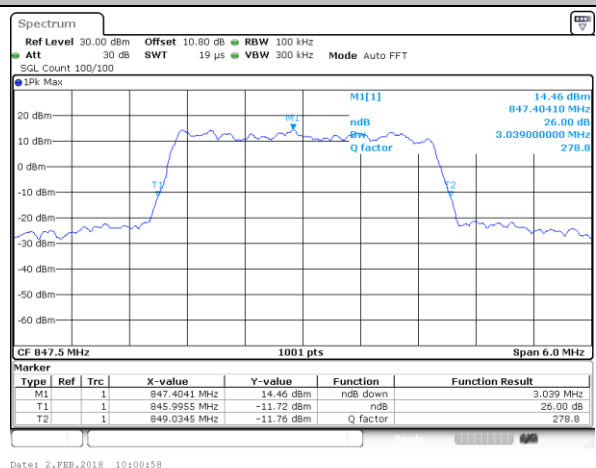
Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM



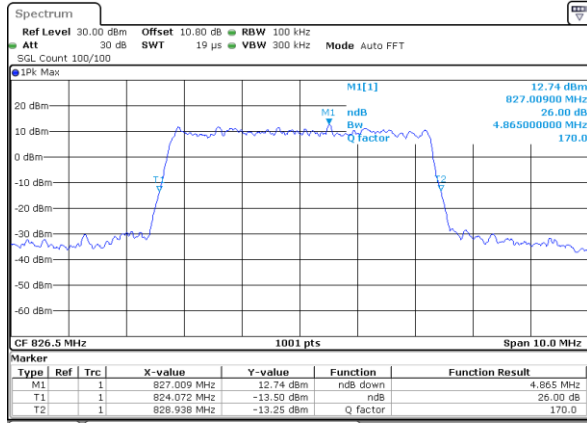
Highest Channel / 3MHz / 64QAM





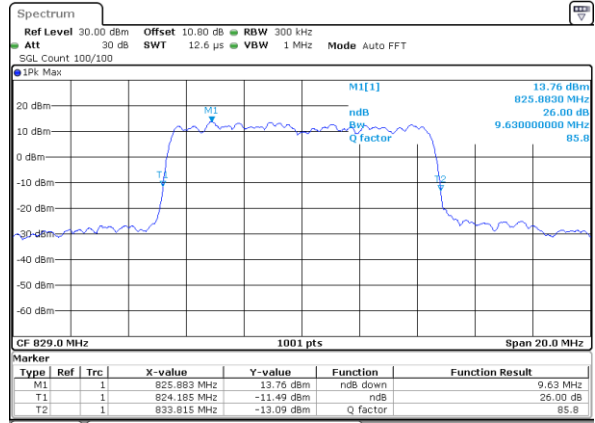
LTE Band 26

Lowest Channel / 5MHz / 64QAM



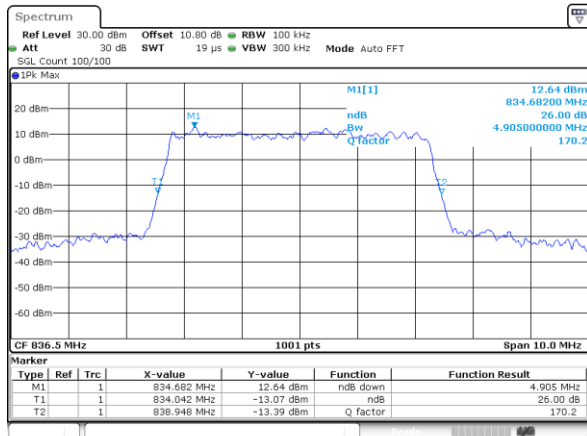
Date: 2.FEB.2018 10:04:37

Lowest Channel / 10MHz / 64QAM



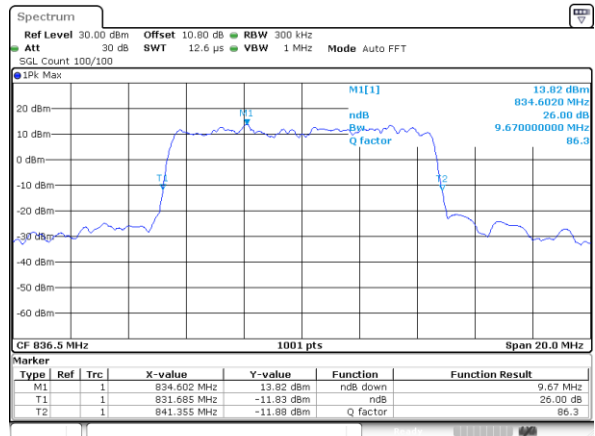
Date: 2.FEB.2018 10:13:16

Middle Channel / 5MHz / 64QAM



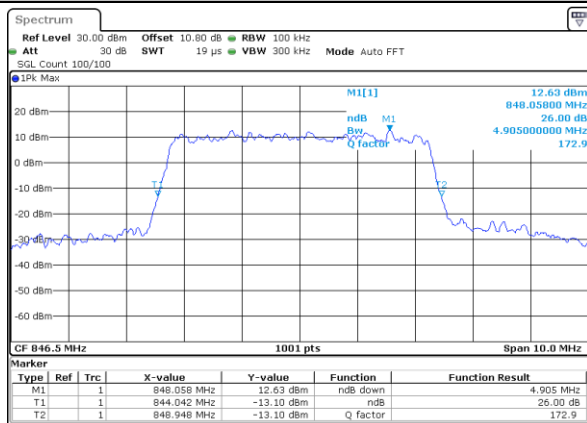
Date: 2.FEB.2018 10:08:16

Middle Channel / 10MHz / 64QAM



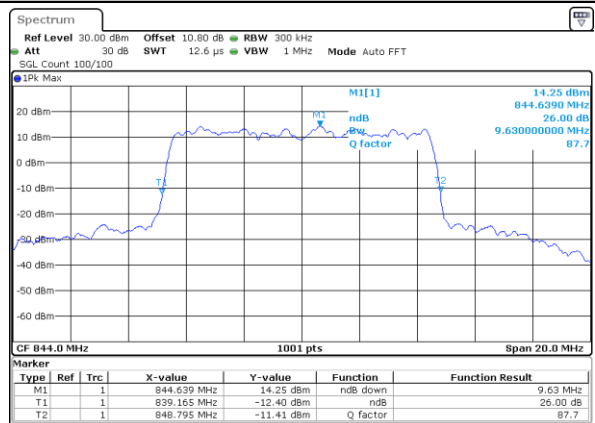
Date: 2.FEB.2018 10:16:54

Highest Channel / 5MHz / 64QAM



Date: 2.FEB.2018 10:09:37

Highest Channel / 10MHz / 64QAM

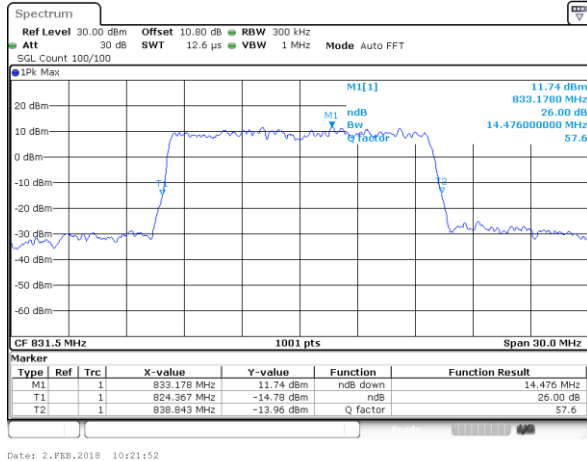


Date: 2.FEB.2018 10:18:14

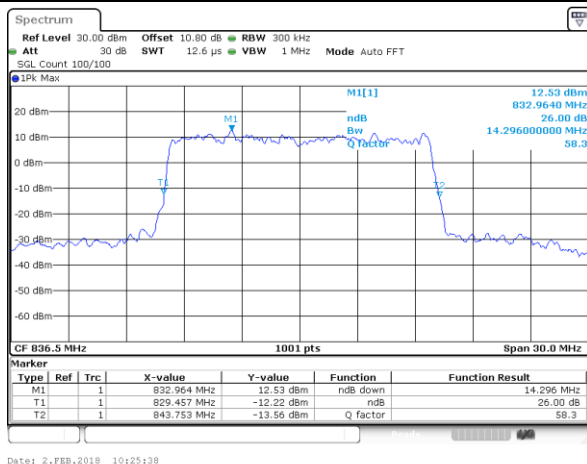


LTE Band 26

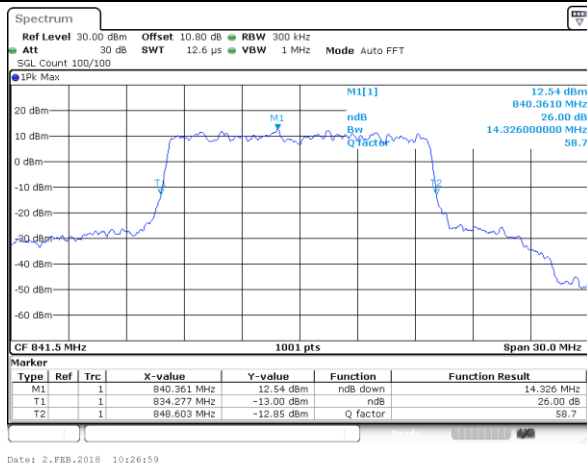
Lowest Channel / 15MHz / 64QAM



Middle Channel / 15MHz / 64QAM



Highest Channel / 15MHz / 64QAM



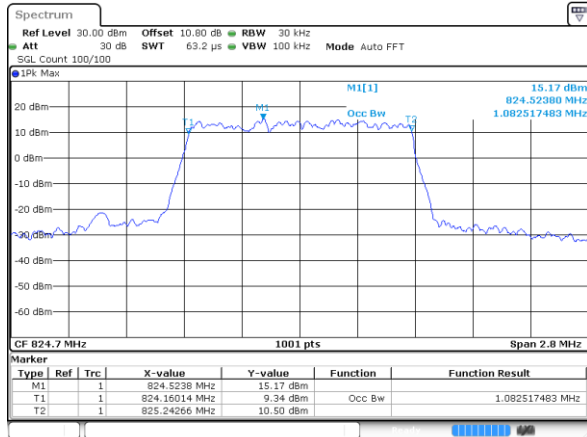
**Occupied Bandwidth**

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	1.08	1.09	2.73	2.72	4.49	4.49	9.07	9.01	13.43	13.46	-	-
Middle CH	1.09	1.09	2.72	2.73	4.50	4.48	9.05	8.97	13.46	13.43	-	-
Highest CH	1.08	1.09	2.71	2.70	4.49	4.48	9.03	9.05	13.40	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	-	2.72	-	4.53	-	9.03	-	13.43	-	-	-
Middle CH	1.09	-	2.73	-	4.48	-	8.99	-	13.40	-	-	-
Highest CH	1.08	-	2.73	-	4.50	-	9.01	-	13.43	-	-	-

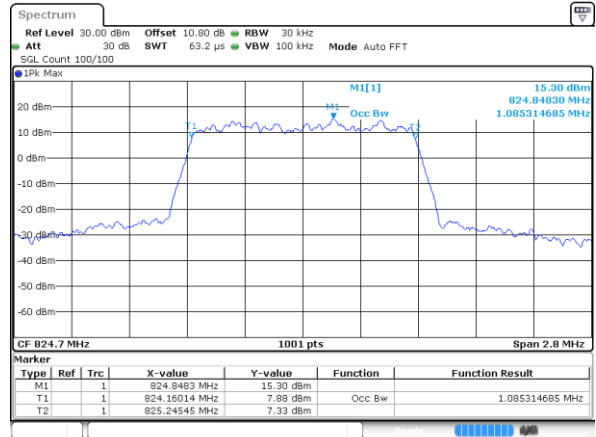


LTE Band 26

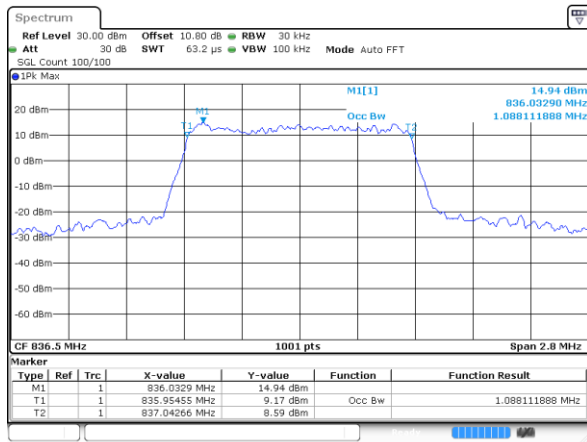
Lowest Channel / 1.4MHz / QPSK



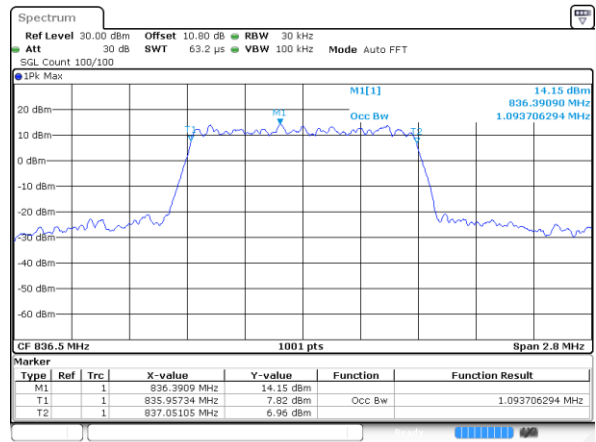
Lowest Channel / 1.4MHz / 16QAM



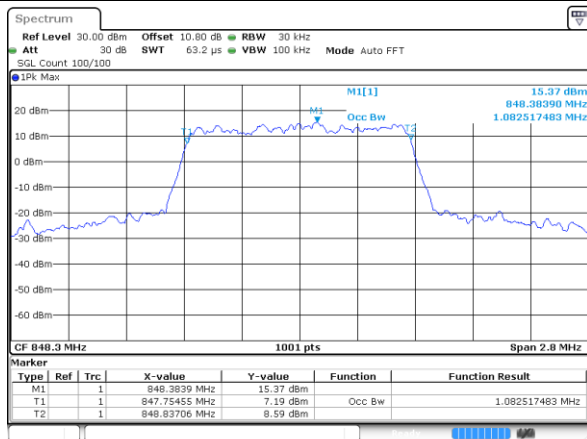
Middle Channel / 1.4MHz / QPSK



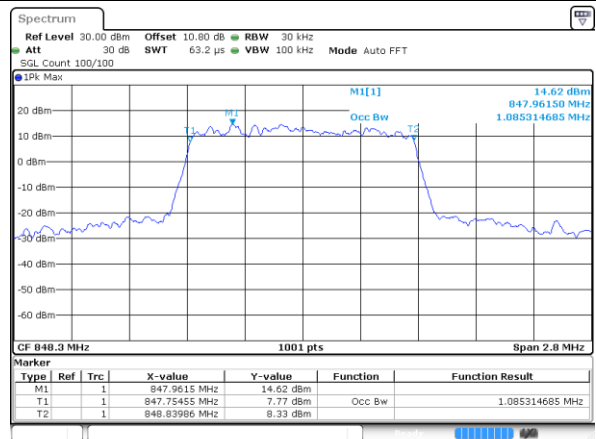
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



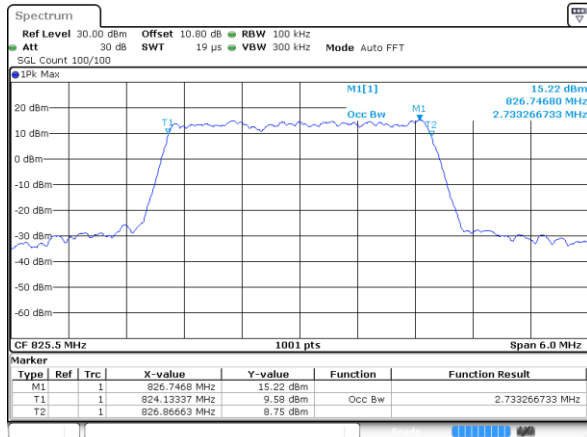
Highest Channel / 1.4MHz / 16QAM



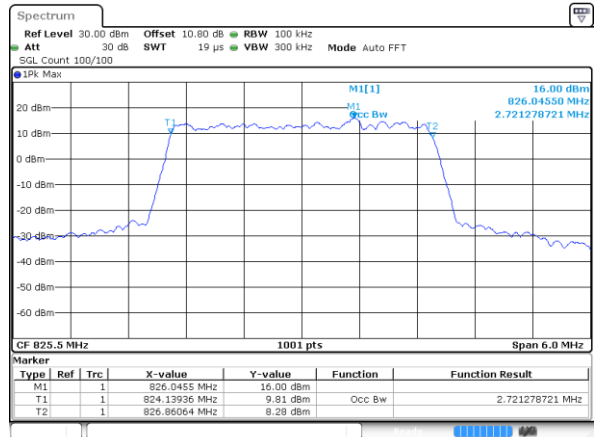


LTE Band 26

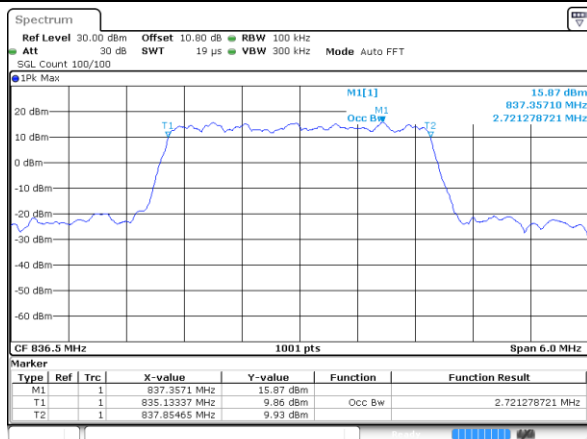
Lowest Channel / 3MHz / QPSK



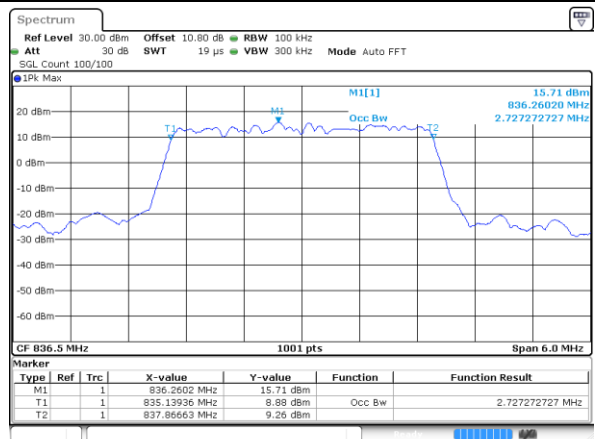
Lowest Channel / 3MHz / 16QAM



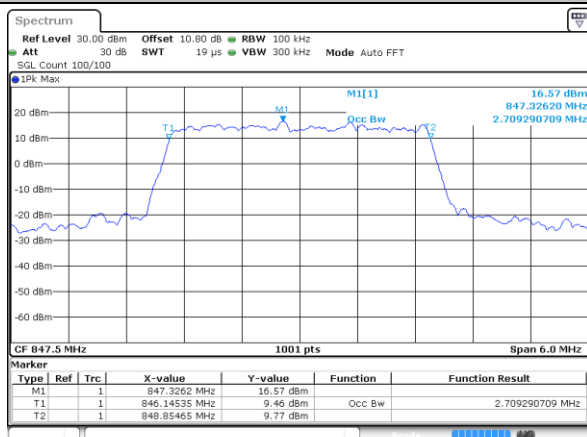
Middle Channel / 3MHz / QPSK



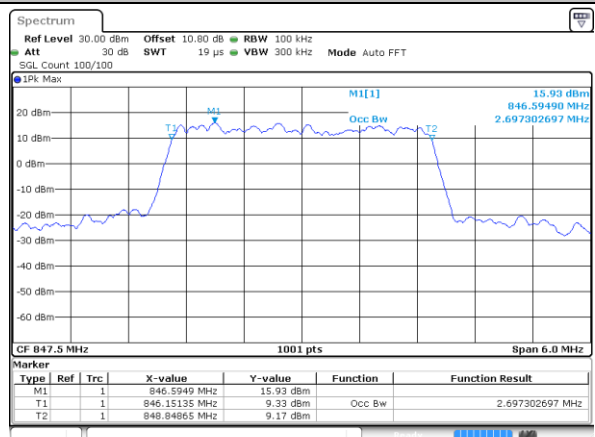
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



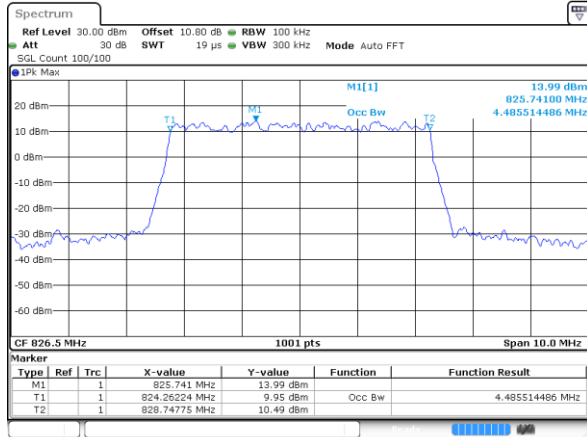
Highest Channel / 3MHz / 16QAM



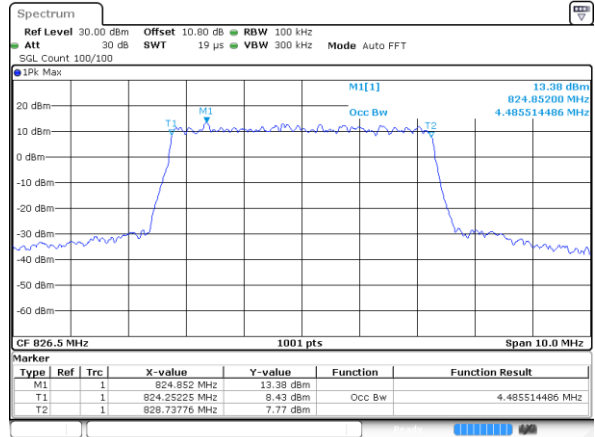


LTE Band 26

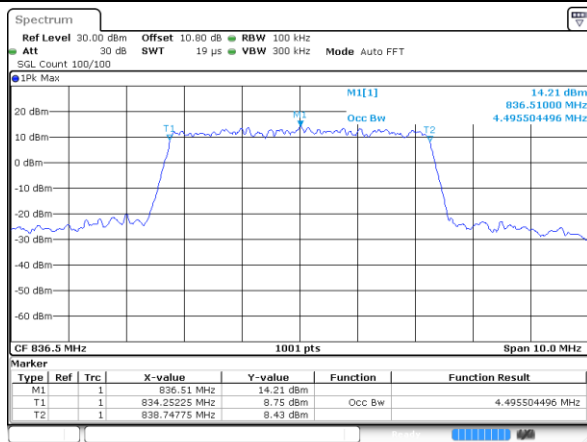
Lowest Channel / 5MHz / QPSK



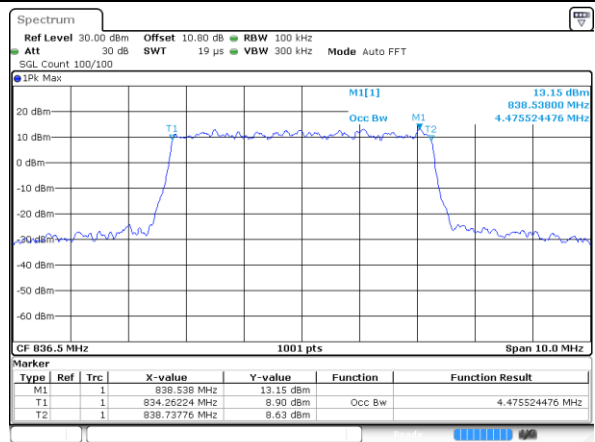
Lowest Channel / 5MHz / 16QAM



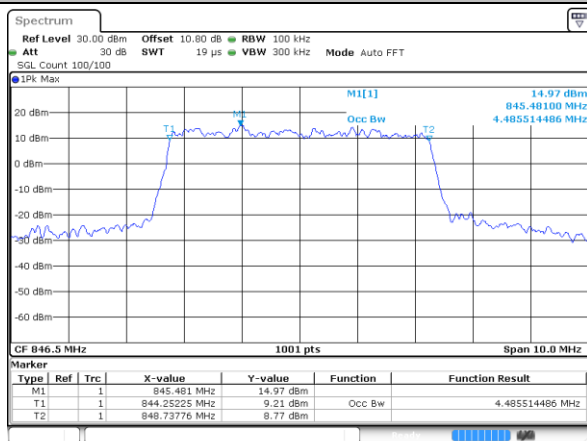
Middle Channel / 5MHz / QPSK



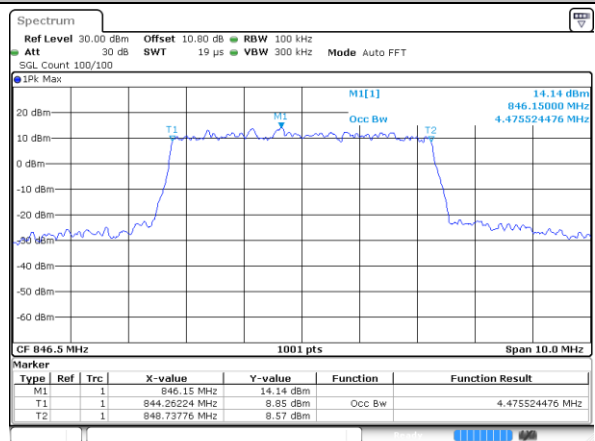
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



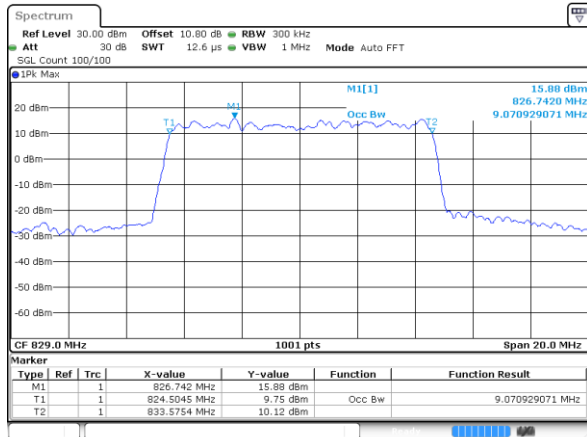
Highest Channel / 5MHz / 16QAM





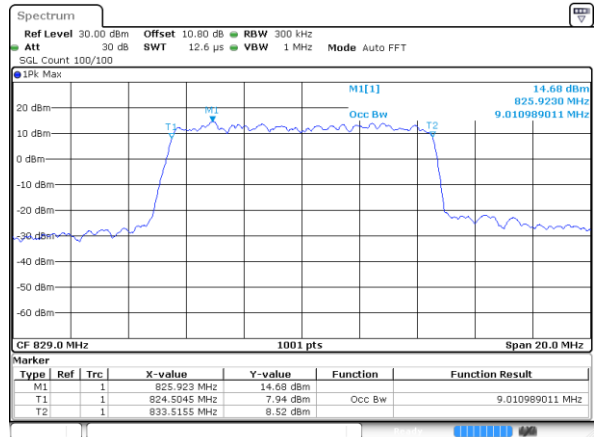
LTE Band 26

Lowest Channel / 10MHz / QPSK



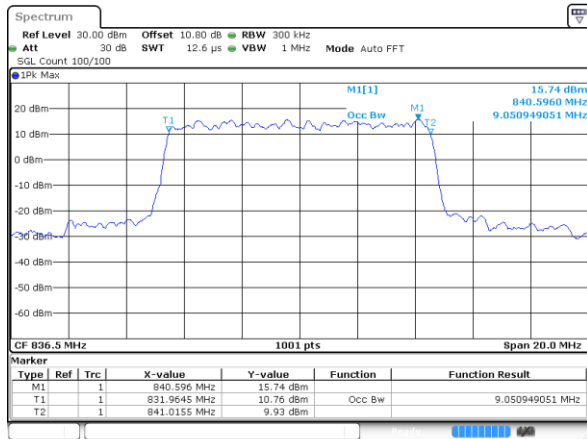
Date: 11 JAN 2018 12:10:34

Lowest Channel / 10MHz / 16QAM



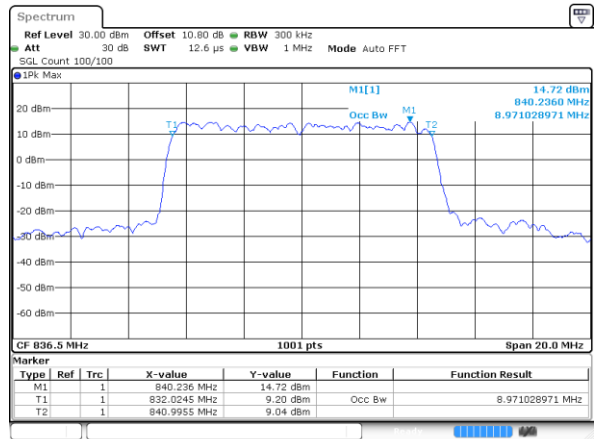
Date: 11 JAN 2018 12:10:45

Middle Channel / 10MHz / QPSK



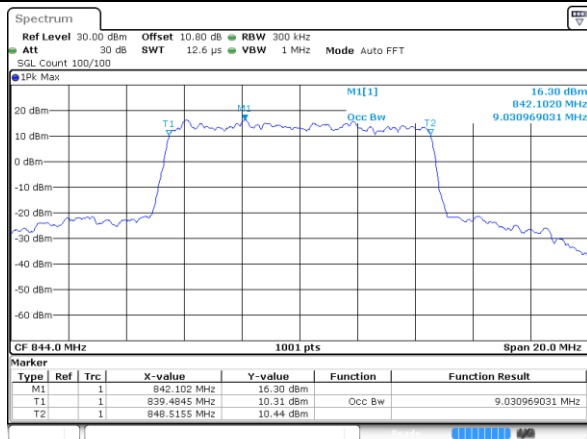
Date: 11 JAN 2018 12:13:02

Middle Channel / 10MHz / 16QAM



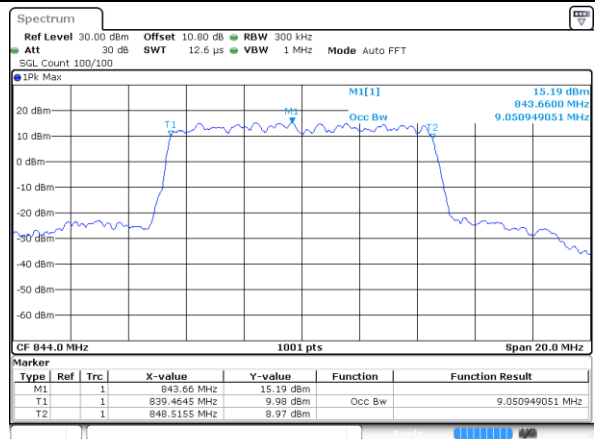
Date: 11 JAN 2018 12:13:12

Highest Channel / 10MHz / QPSK



Date: 11 JAN 2018 12:15:30

Highest Channel / 10MHz / 16QAM

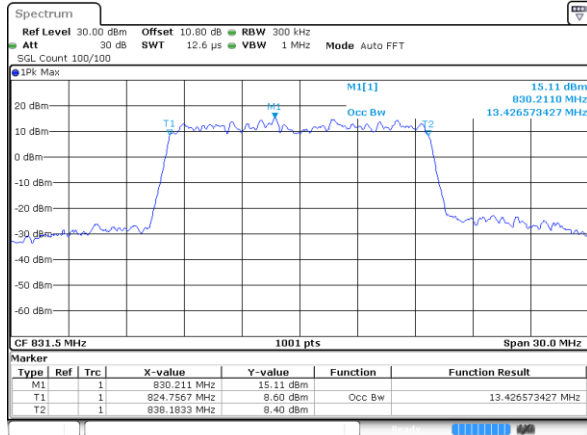


Date: 11 JAN 2018 12:15:40

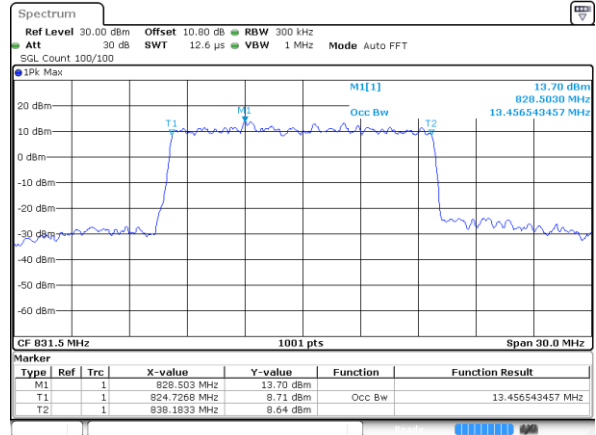


LTE Band 26

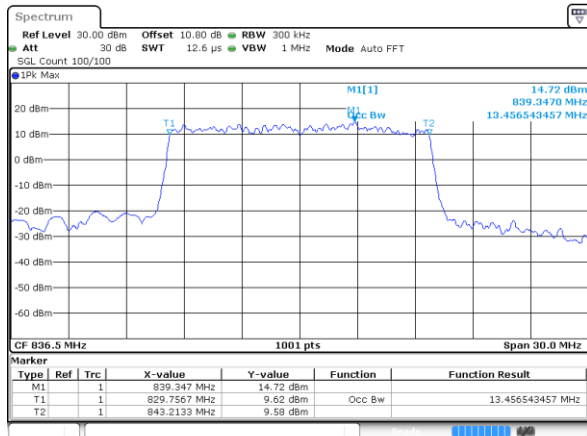
Lowest Channel / 15MHz / QPSK



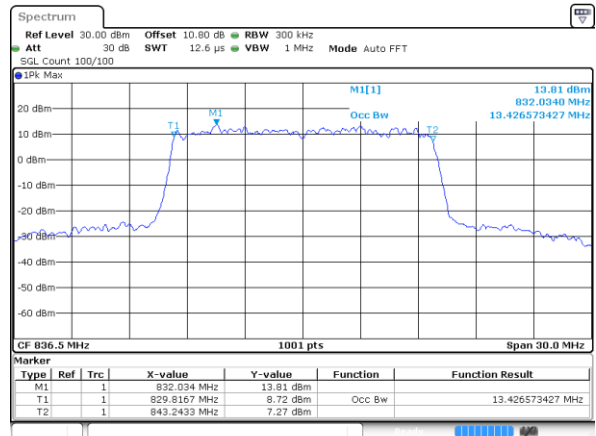
Lowest Channel / 15MHz / 16QAM



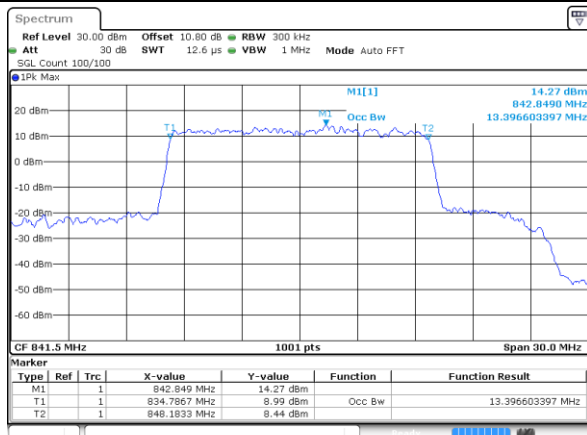
Middle Channel / 15MHz / QPSK



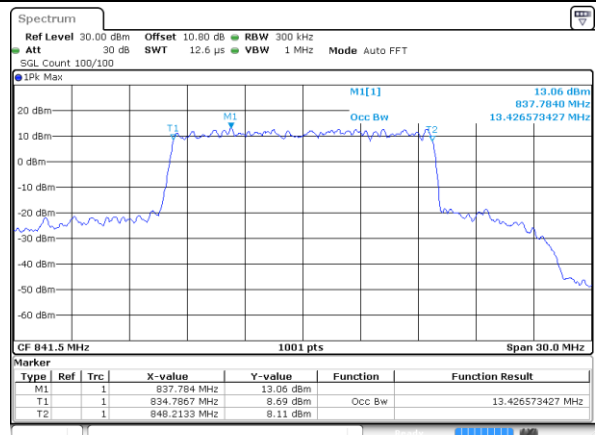
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



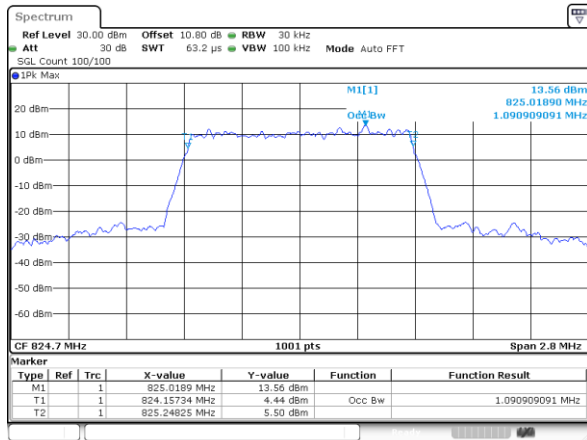
Highest Channel / 15MHz / 16QAM





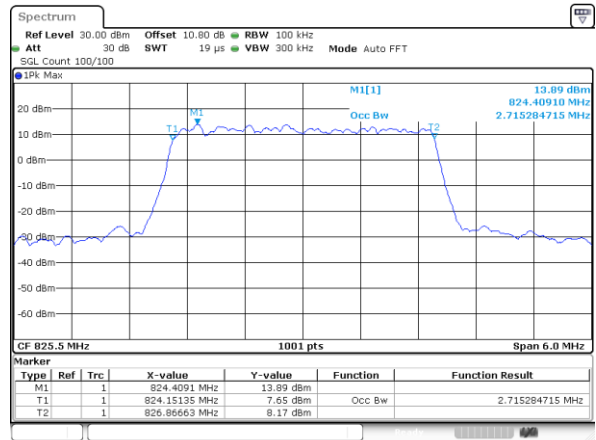
LTE Band 26

Lowest Channel / 1.4MHz / 64QAM



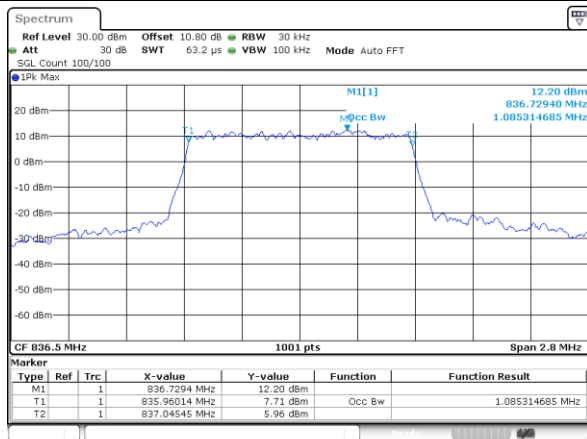
Date: 2.FEB.2018 09:41:48

Lowest Channel / 3MHz / 64QAM



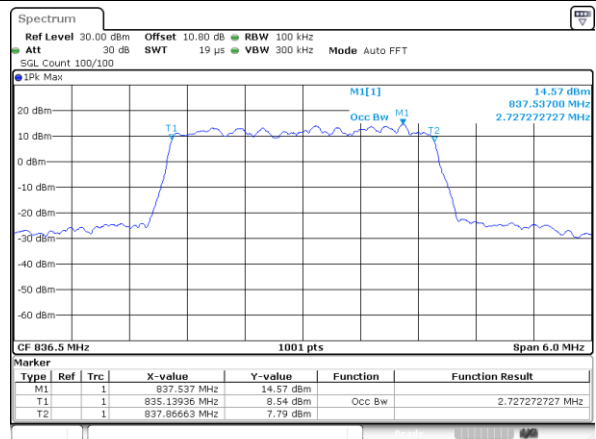
Date: 2.FEB.2018 09:55:48

Middle Channel / 1.4MHz / 64QAM



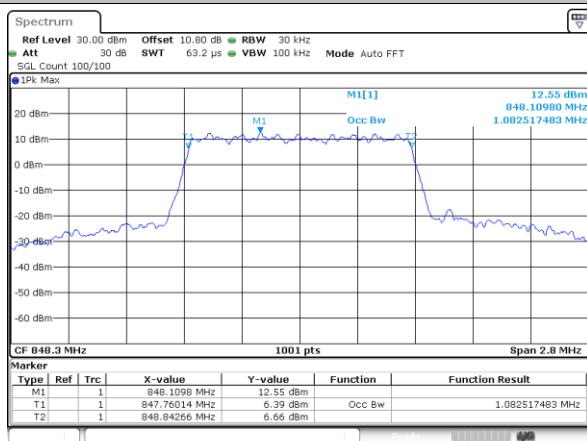
Date: 2.FEB.2018 09:49:25

Middle Channel / 3MHz / 64QAM



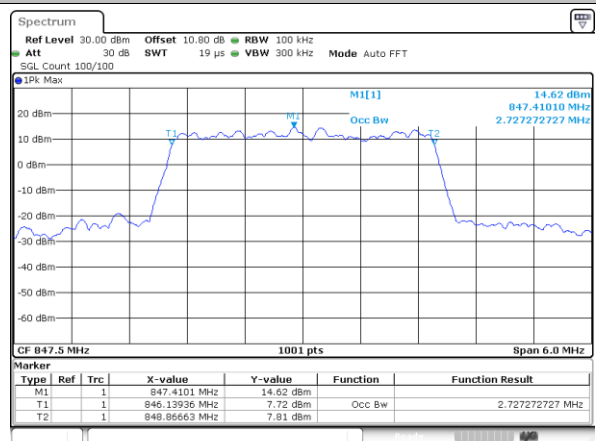
Date: 2.FEB.2018 09:59:26

Highest Channel / 1.4MHz / 64QAM



Date: 2.FEB.2018 09:50:48

Highest Channel / 3MHz / 64QAM



Date: 2.FEB.2018 10:00:47