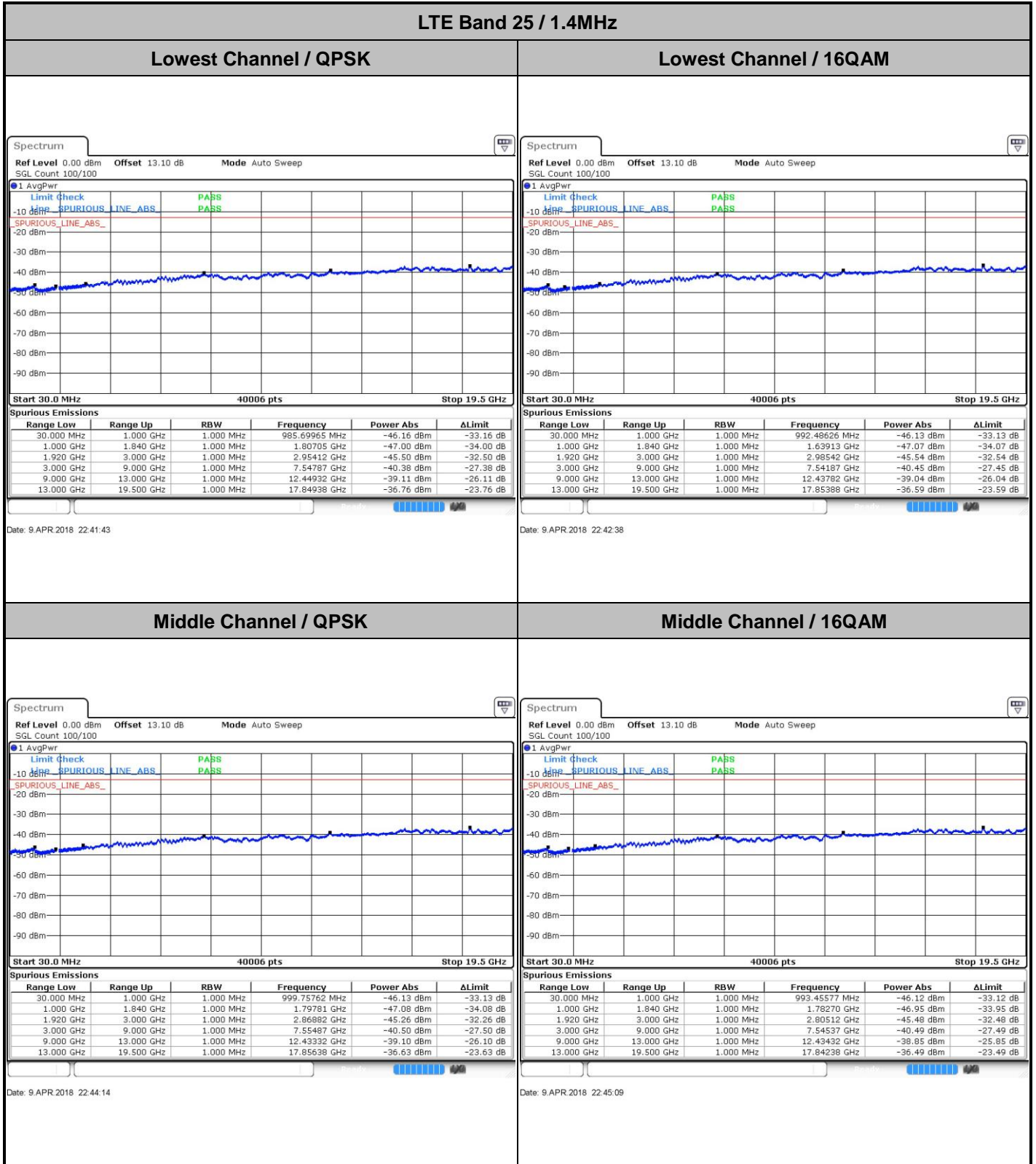




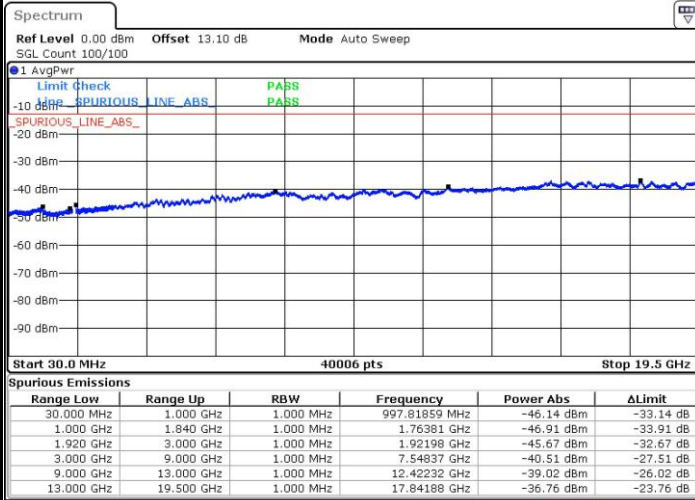
# Conducted Spurious Emission





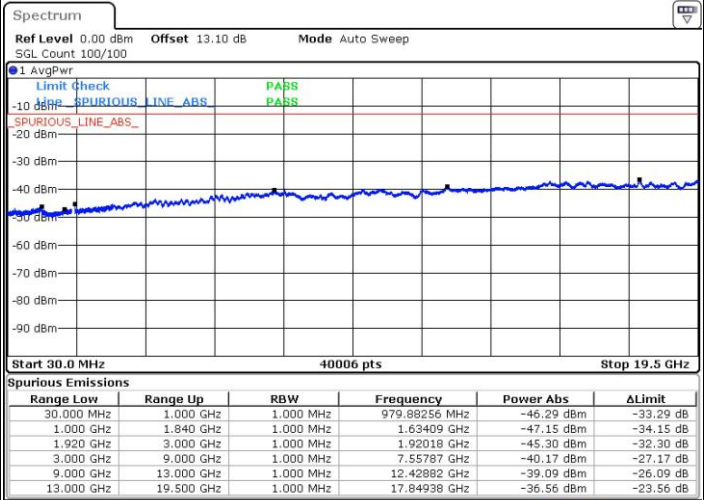
LTE Band 25 / 1.4MHz

Highest Channel / QPSK



Date: 9 APR 2018 22:51:22

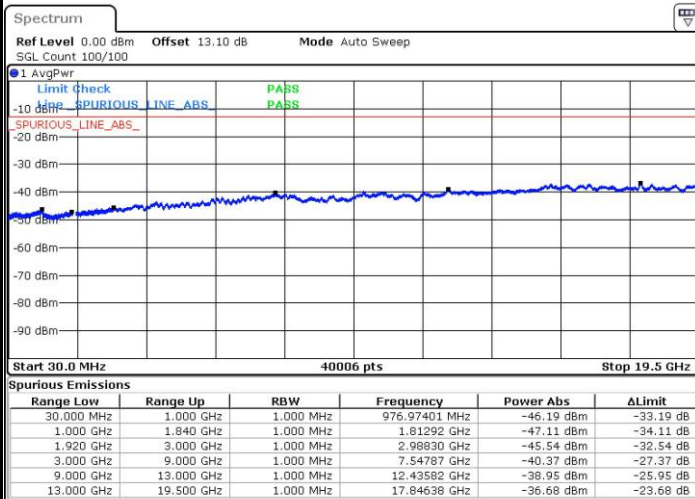
Highest Channel / 16QAM



Date: 9 APR 2018 22:52:17

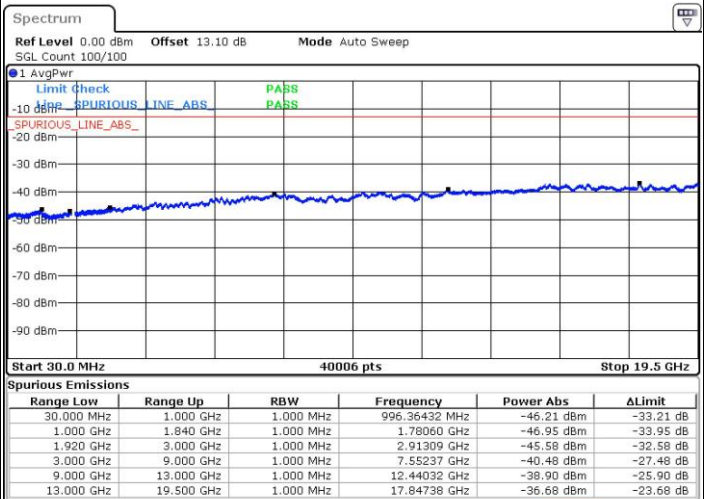
LTE Band 25 / 3MHz

Lowest Channel / QPSK



Date: 9 APR 2018 21:15:46

Lowest Channel / 16QAM



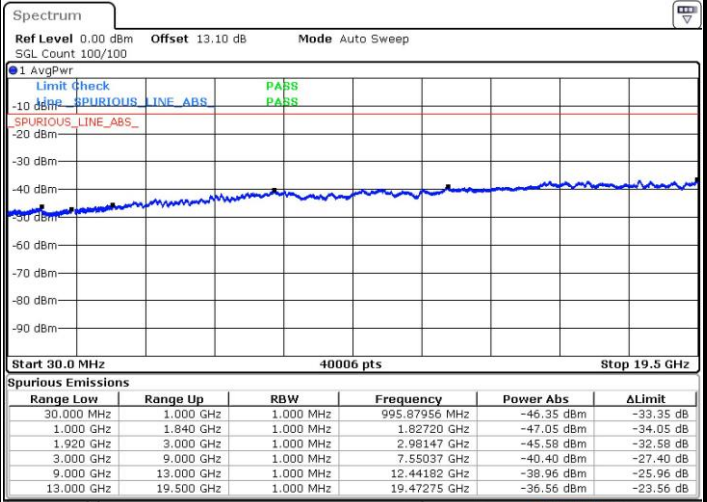
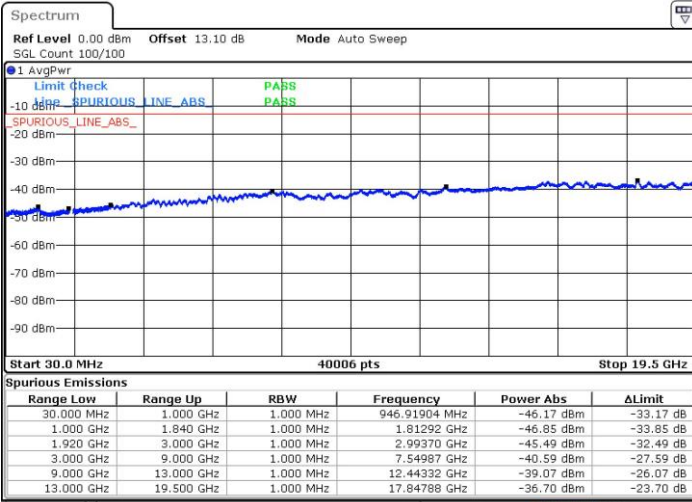
Date: 9 APR 2018 21:16:41



LTE Band 25 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

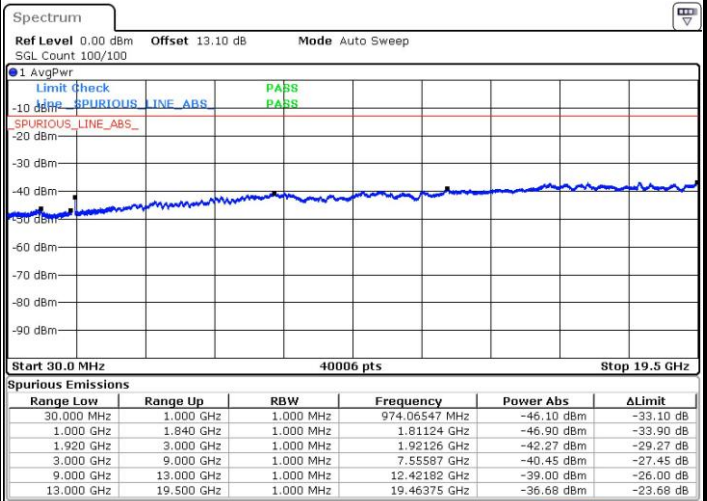
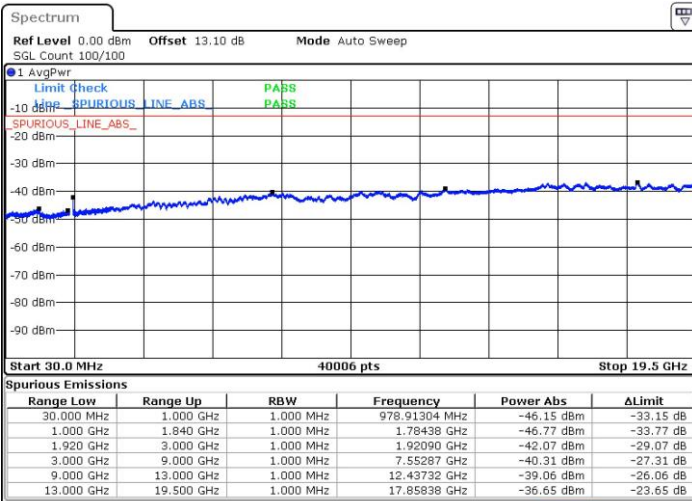


Date: 9 APR 2018 21:18:17

Date: 9 APR 2018 21:19:12

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 9 APR 2018 21:25:25

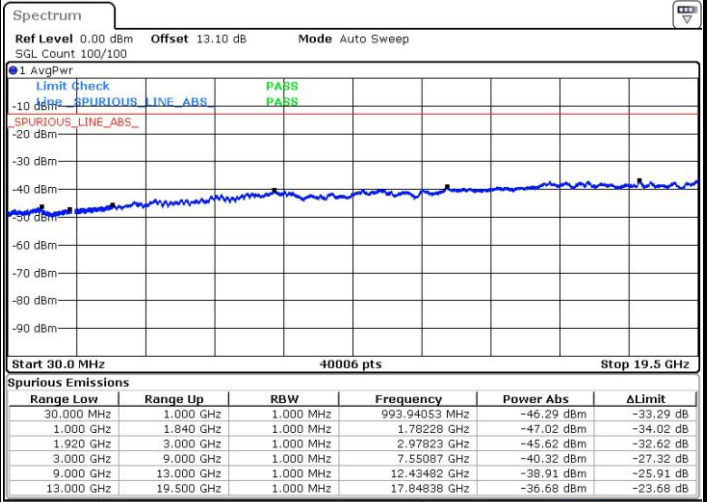
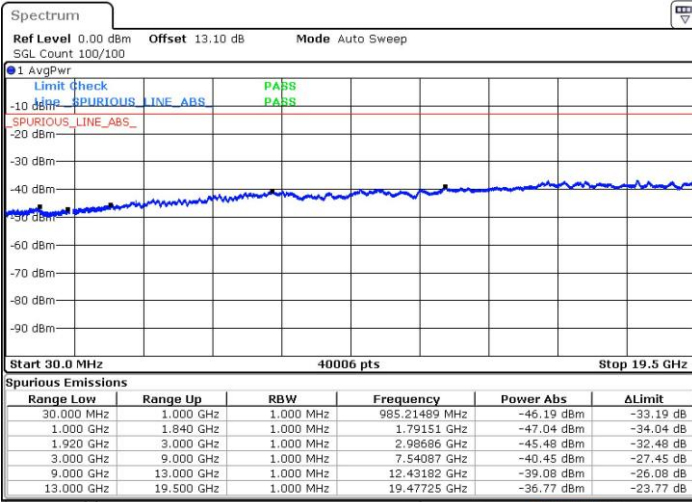
Date: 9 APR 2018 21:26:20



LTE Band 25 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

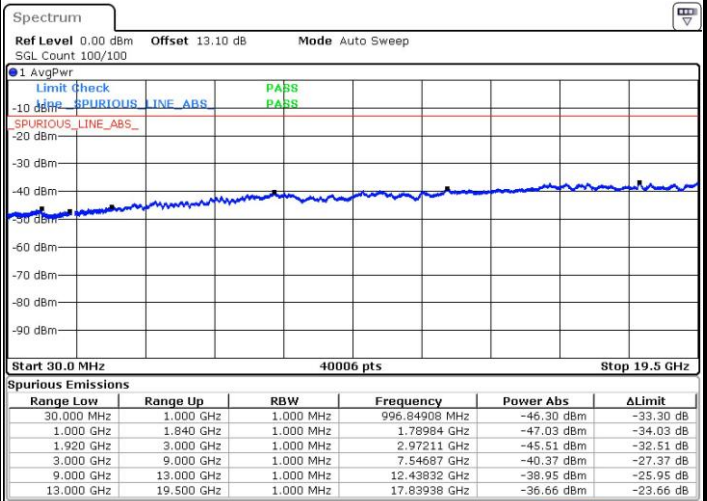
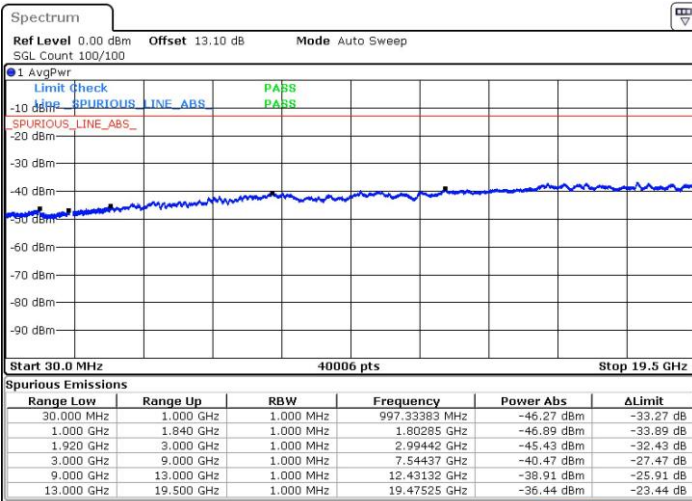


Date: 9 APR 2018 21:32:33

Date: 9 APR 2018 21:33:28

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 9 APR 2018 21:35:05

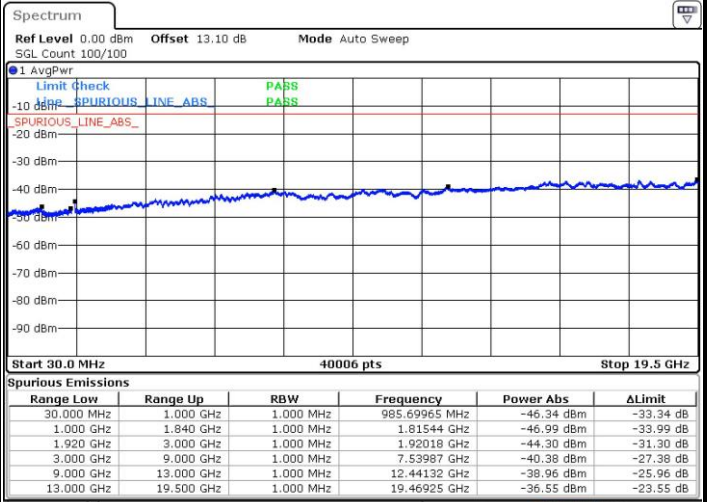
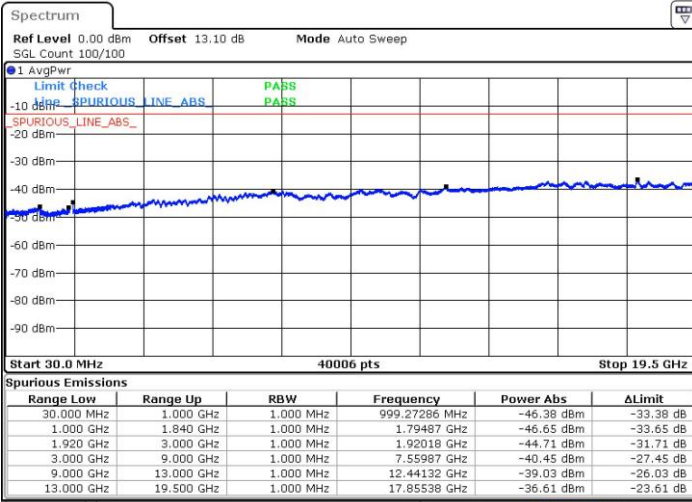
Date: 9 APR 2018 21:35:59



LTE Band 25 / 5MHz

Highest Channel / QPSK

Highest Channel / 16QAM



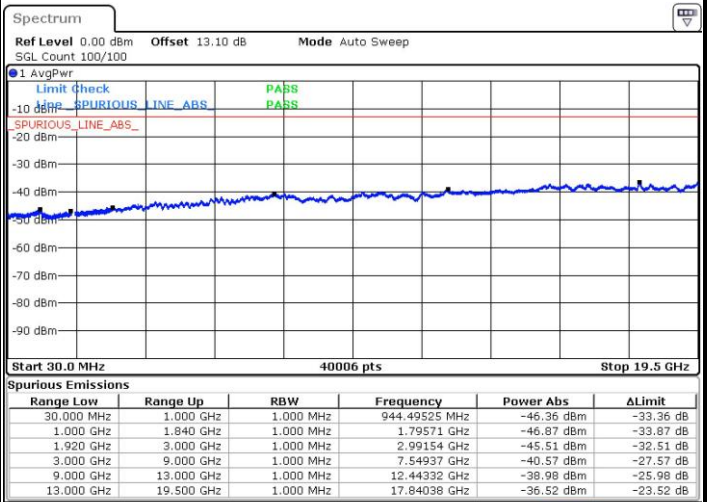
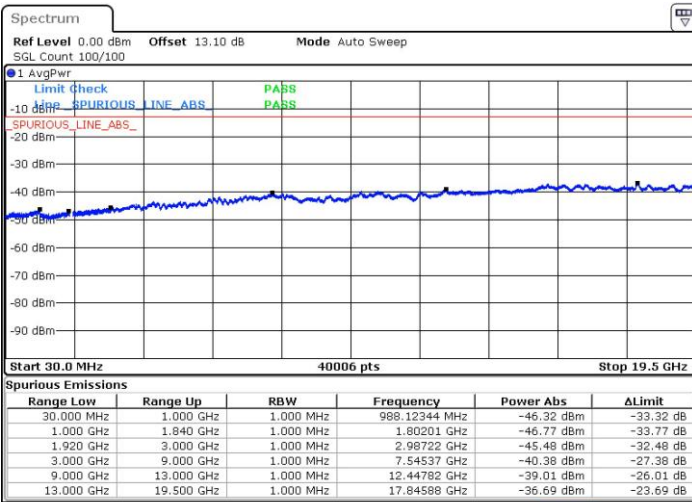
Date: 9 APR 2018 21:42:13

Date: 9 APR 2018 21:43:07

LTE Band 25 / 10MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 9 APR 2018 21:49:20

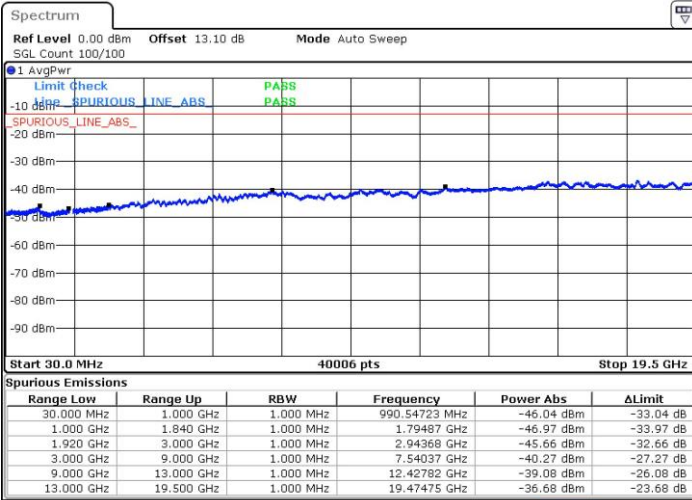
Date: 9 APR 2018 21:50:15



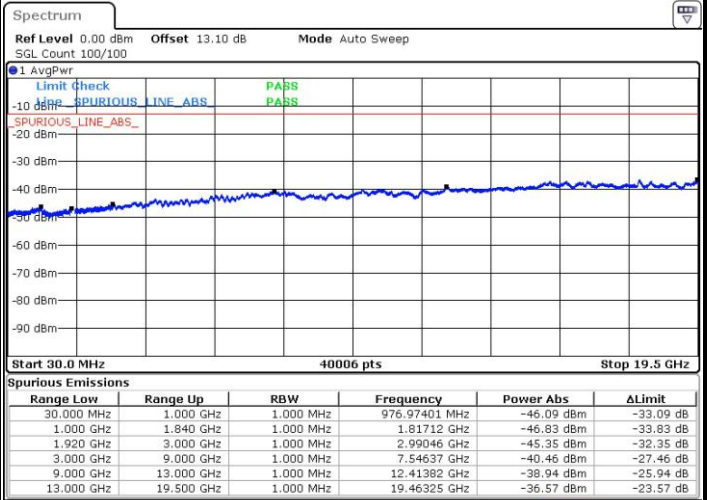
LTE Band 25 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM



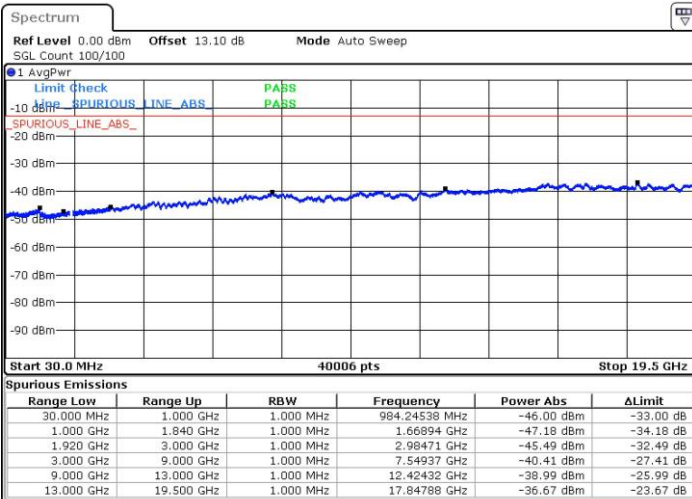
Date: 9 APR 2018 21:51:51



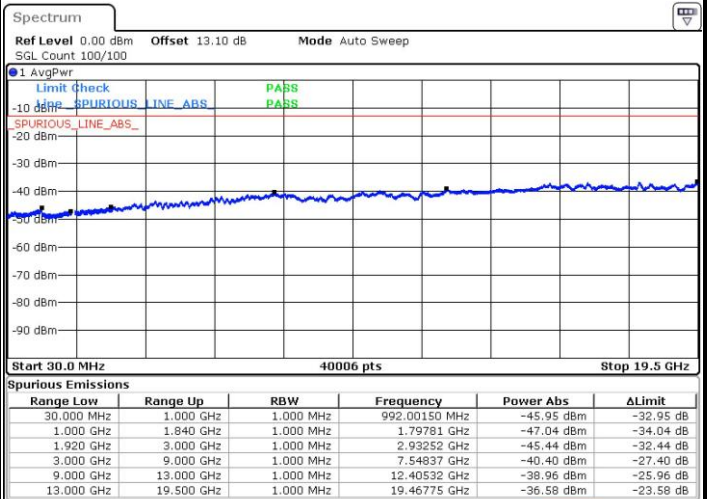
Date: 9 APR 2018 21:52:46

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 9 APR 2018 21:58:59



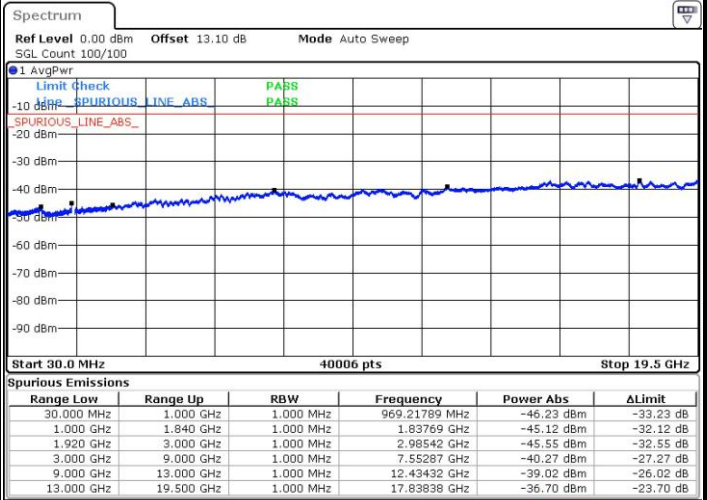
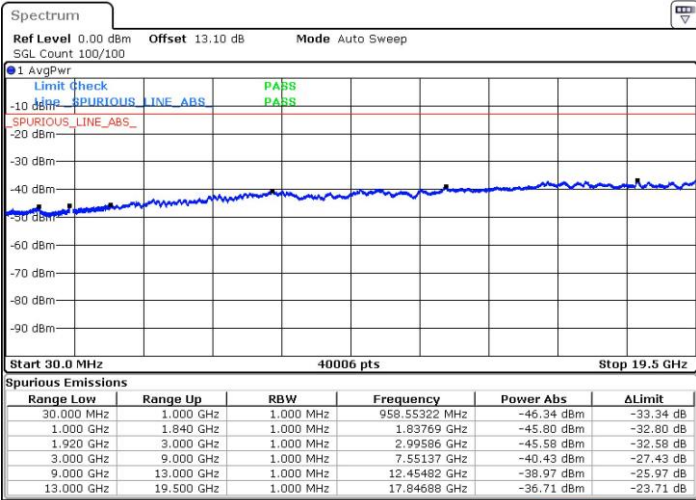
Date: 9 APR 2018 21:59:54



LTE Band 25 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

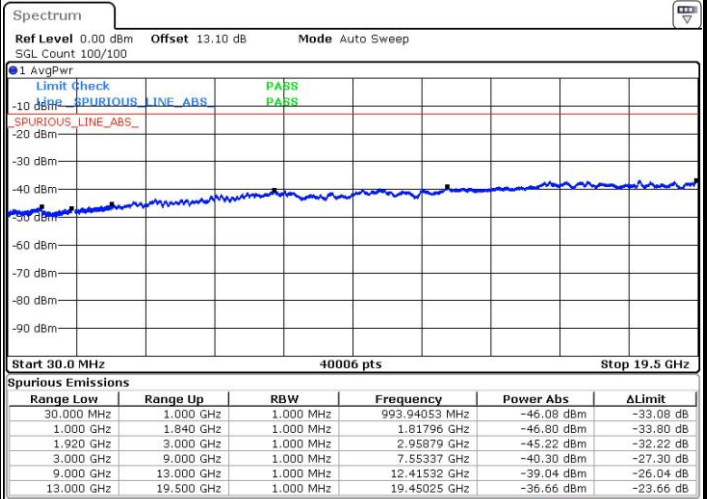
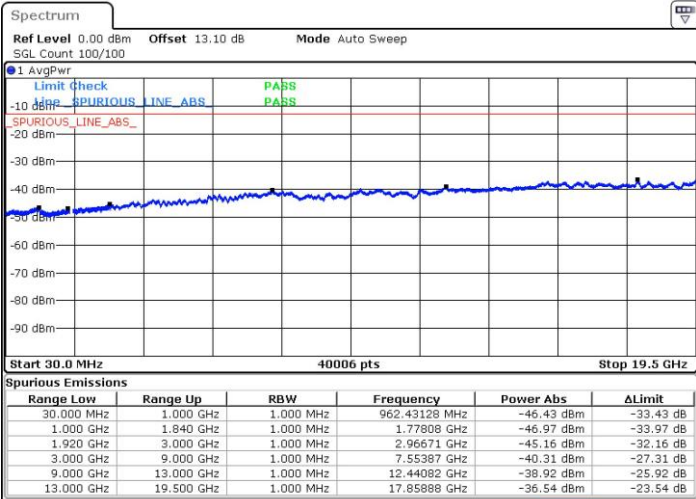


Date: 9 APR 2018 22:06:07

Date: 9 APR 2018 22:07:01

Middle Channel / QPSK

Middle Channel / 16QAM



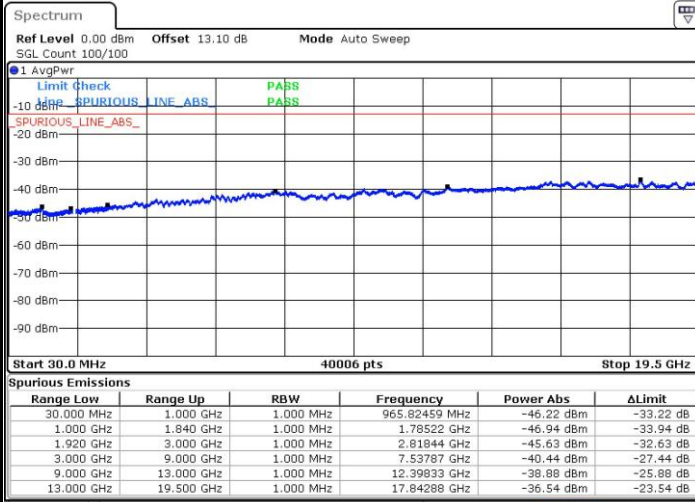
Date: 9 APR 2018 22:08:37

Date: 9 APR 2018 22:09:32



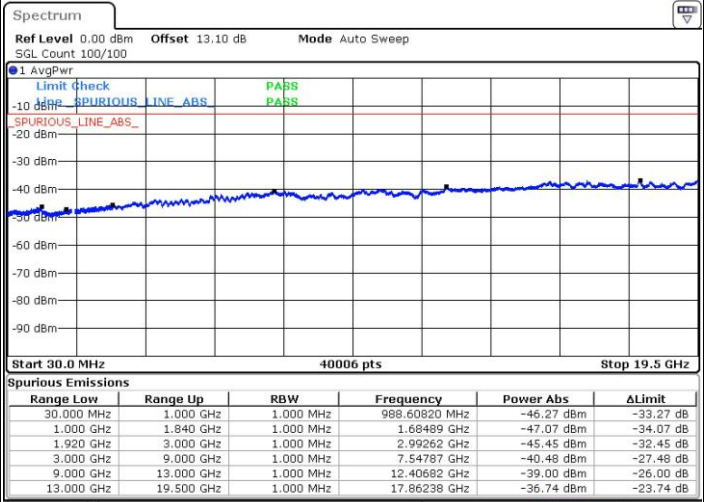
LTE Band 25 / 15MHz

Highest Channel / QPSK



Date: 9 APR 2018 22:15:45

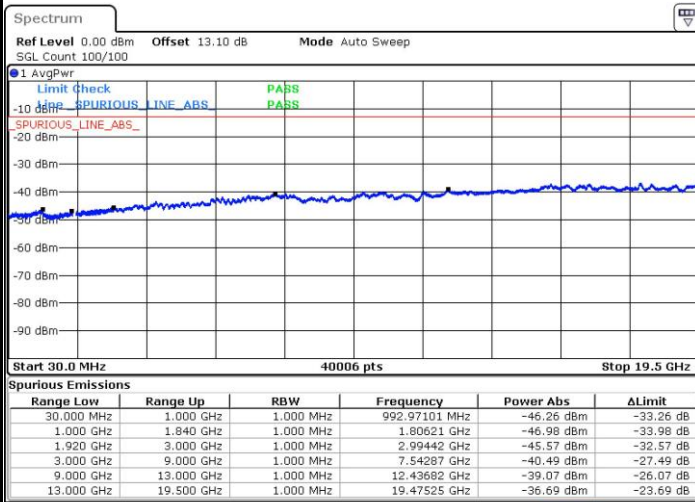
Highest Channel / 16QAM



Date: 9 APR 2018 22:16:40

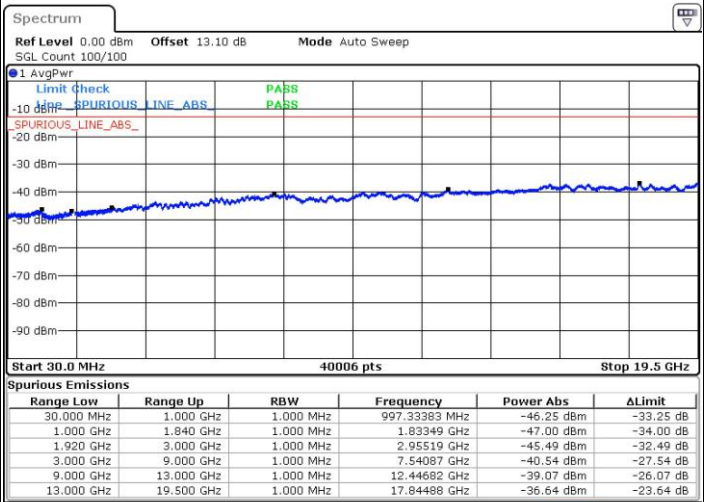
LTE Band 25 / 20MHz

Lowest Channel / QPSK



Date: 9 APR 2018 22:22:53

Lowest Channel / 16QAM



Date: 9 APR 2018 22:23:48

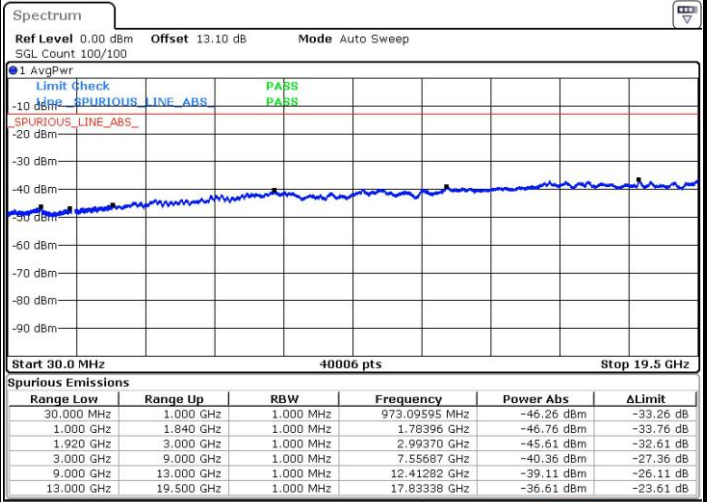
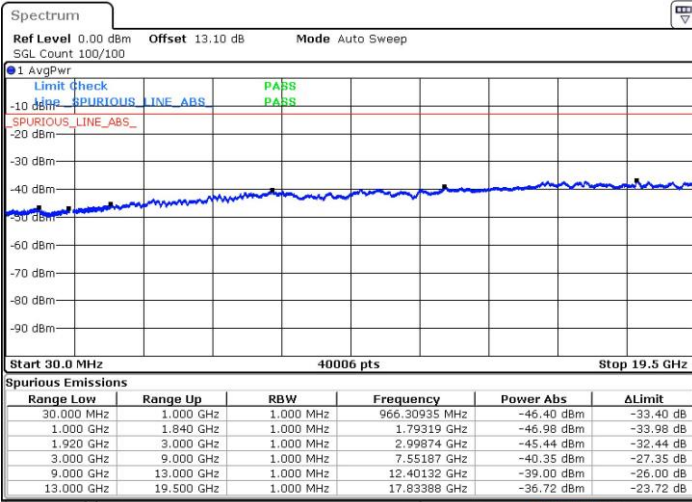




LTE Band 25 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

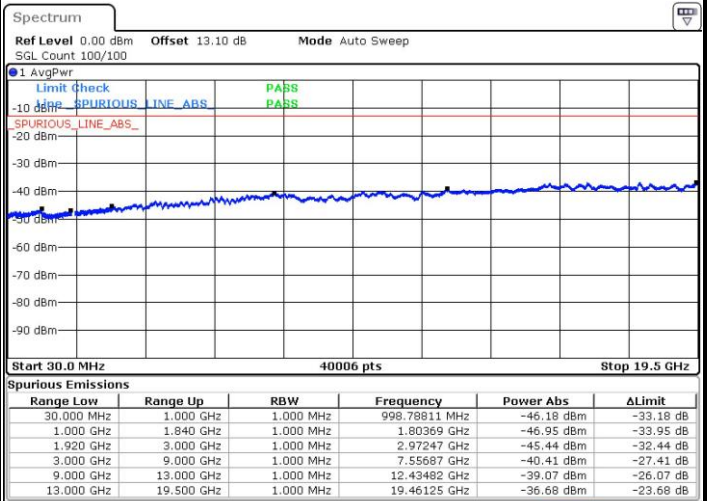
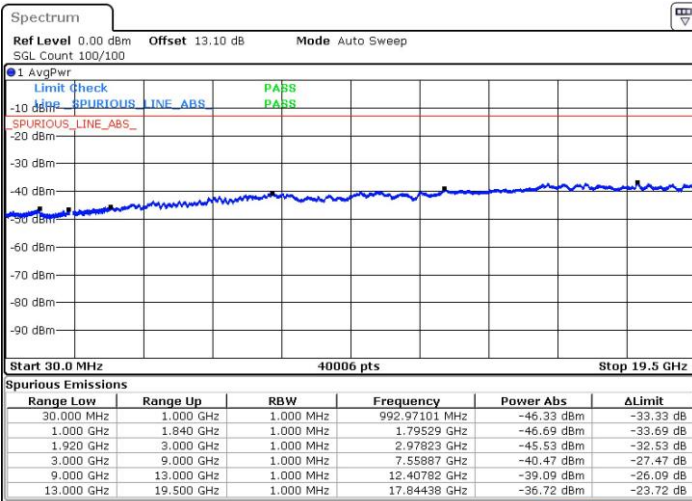


Date: 9 APR 2018 22:25:24

Date: 9 APR 2018 22:26:19

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 9 APR 2018 22:32:32

Date: 9 APR 2018 22:33:27



Frequency Stability

Test Conditions		LTE Band 25 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0027	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0012	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0015	
0	Normal Voltage	0.0001	
-10	Normal Voltage	0.0025	
-20	Normal Voltage	0.0019	
-30	Normal Voltage	0.0000	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0014	

Note:

1. Normal Voltage =120 V. ; Battery End Point (BEP) =102 V. ; Maximum Voltage =138 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



## 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	4.7	5.22	5.59	5.97	<b>PASS</b>
Middle CH	3.74	5.36	4.52	5.62	
Highest CH	4.64	5.39	5.13	6.14	



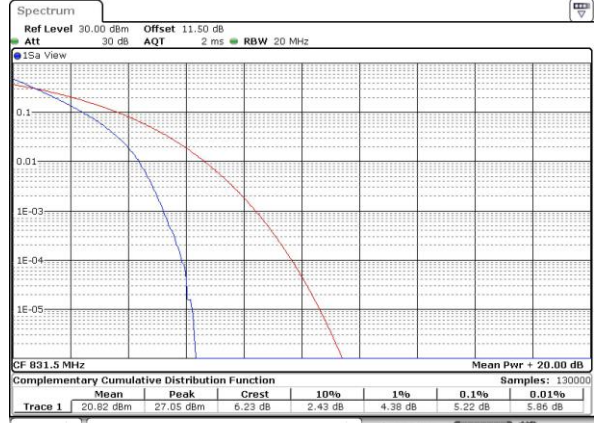
LTE Band 26 / 15MHz / QPSK

Lowest Channel / 1RB



Date: 10 APR 2018 02:08:05

Lowest Channel / Full RB



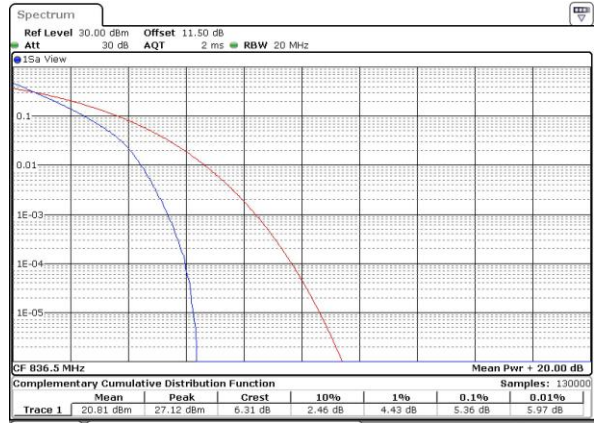
Date: 10 APR 2018 02:07:38

Middle Channel / 1RB



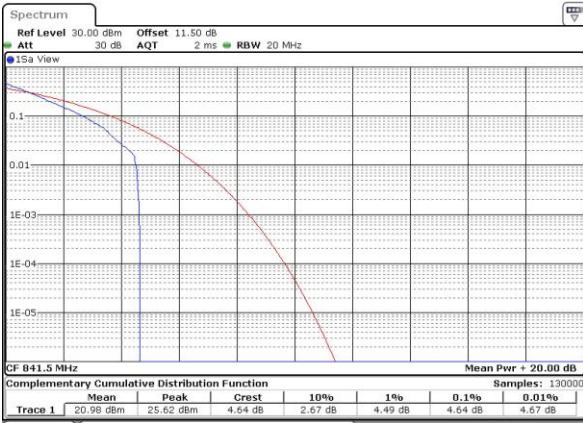
Date: 10 APR 2018 02:08:14

Middle Channel / Full RB



Date: 10 APR 2018 02:08:42

Highest Channel / 1RB



Date: 10 APR 2018 02:08:29

Highest Channel / Full RB



Date: 10 APR 2018 02:08:53



LTE Band 26 / 15MHz / 16QAM

Lowest Channel / 1RB



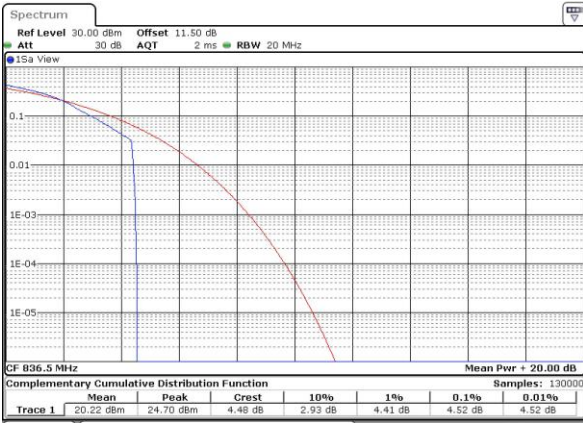
Date: 10 APR 2018 02:07:56

Lowest Channel / Full RB



Date: 10 APR 2018 02:07:47

Middle Channel / 1RB



Date: 10 APR 2018 02:08:23

Middle Channel / Full RB



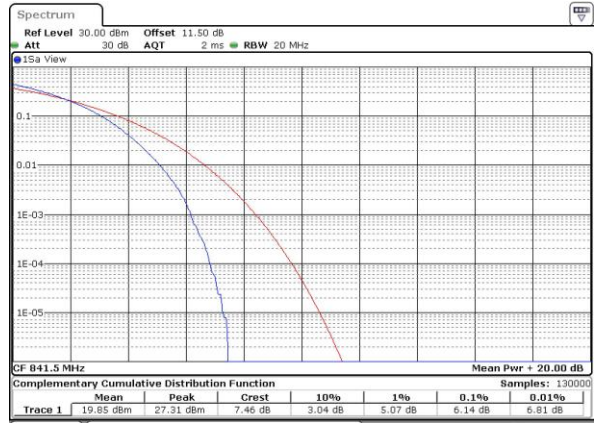
Date: 10 APR 2018 02:08:31

Highest Channel / 1RB



Date: 10 APR 2018 02:08:19

Highest Channel / Full RB



Date: 10 APR 2018 02:08:07



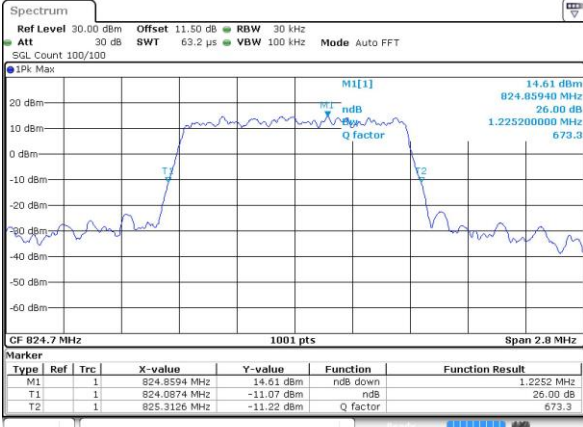
**26dB Bandwidth**

Mode	LTE Band 26 : 26dB BW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
BW	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.23	1.23	3.05	2.99	4.89	4.85	9.69	9.77	14.39	14.54	-	-
Middle CH	1.23	1.24	3.03	3.01	4.85	4.85	9.95	9.75	14.42	14.39	-	-
Highest CH	1.24	1.22	3.02	3.03	4.90	4.86	9.69	9.97	14.39	14.45	-	-



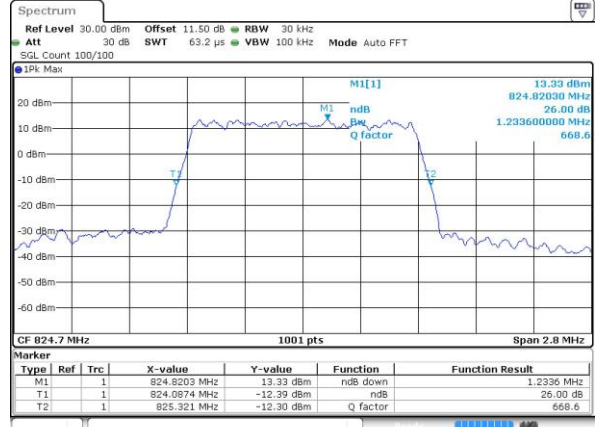
LTE Band 26

Lowest Channel / 1.4MHz / QPSK



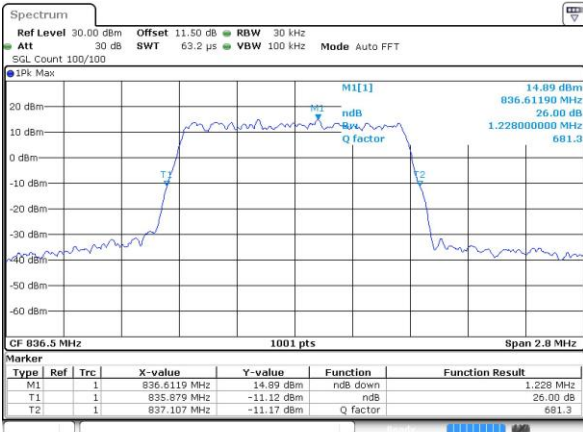
Date: 9 APR 2018 23:17:36

Lowest Channel / 1.4MHz / 16QAM



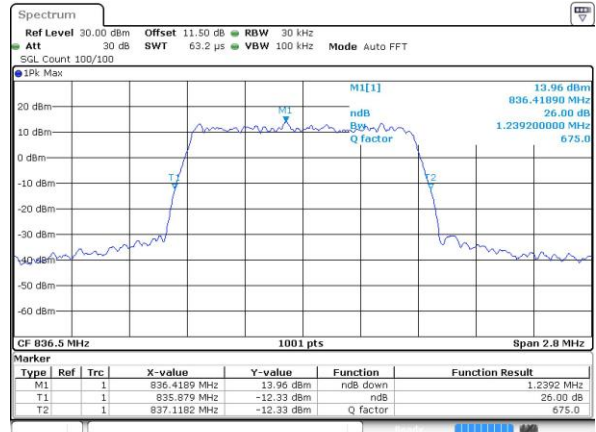
Date: 9 APR 2018 23:17:26

Middle Channel / 1.4MHz / QPSK



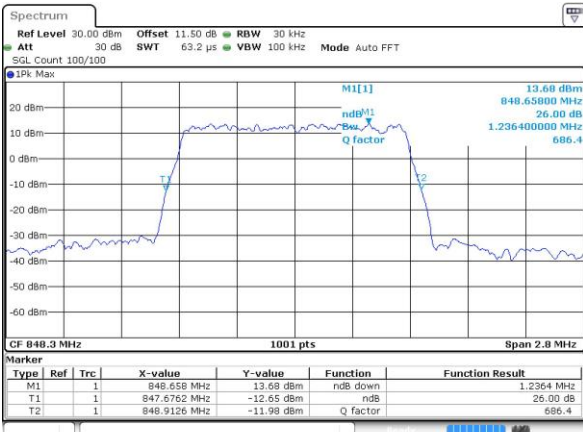
Date: 9 APR 2018 23:25:27

Middle Channel / 1.4MHz / 16QAM



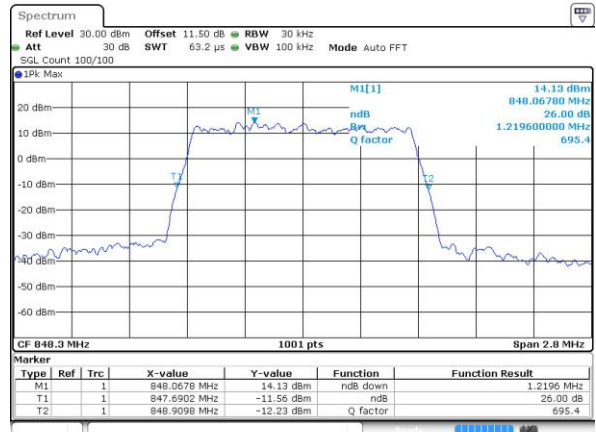
Date: 9 APR 2018 23:25:17

Highest Channel / 1.4MHz / QPSK



Date: 9 APR 2018 23:27:57

Highest Channel / 1.4MHz / 16QAM

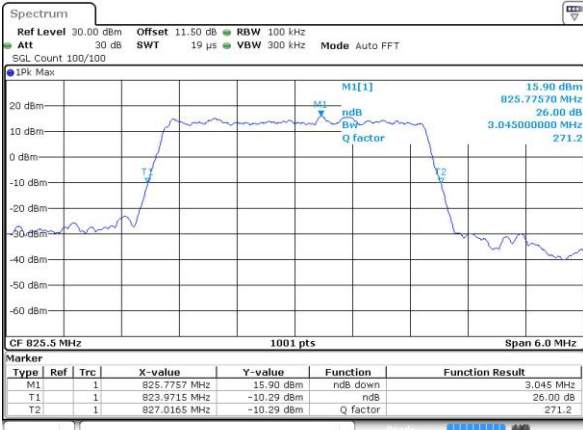


Date: 9 APR 2018 23:27:47



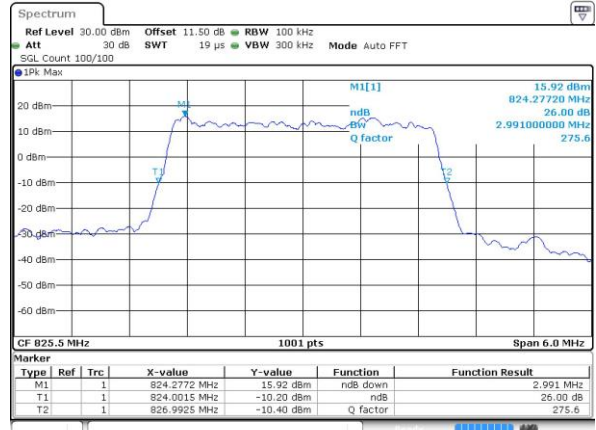
LTE Band 26

Lowest Channel / 3MHz / QPSK



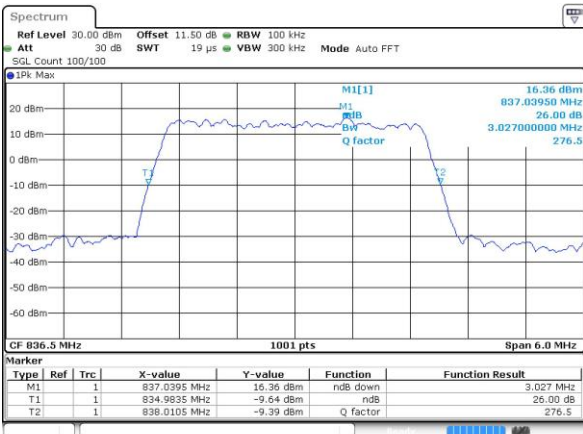
Date: 9 APR 2018 23:42:58

Lowest Channel / 3MHz / 16QAM



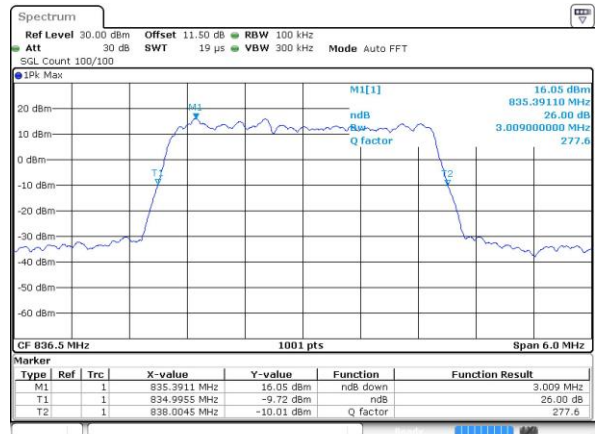
Date: 9 APR 2018 23:42:48

Middle Channel / 3MHz / QPSK



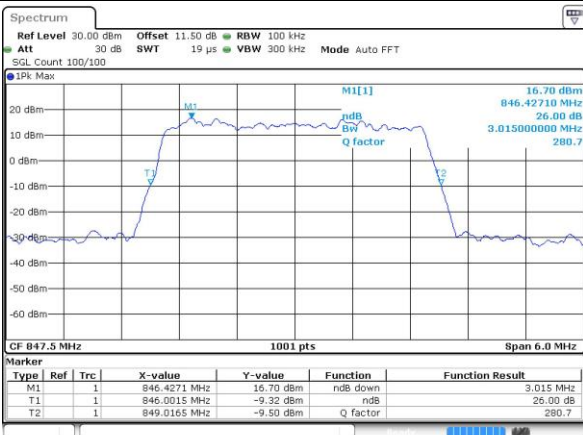
Date: 9 APR 2018 23:50:05

Middle Channel / 3MHz / 16QAM



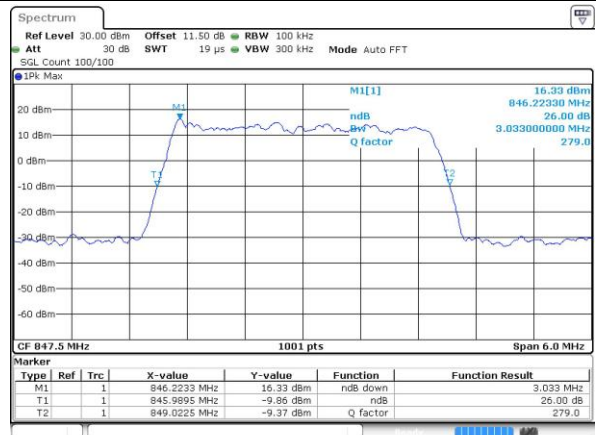
Date: 9 APR 2018 23:49:55

Highest Channel / 3MHz / QPSK



Date: 9 APR 2018 23:52:36

Highest Channel / 3MHz / 16QAM



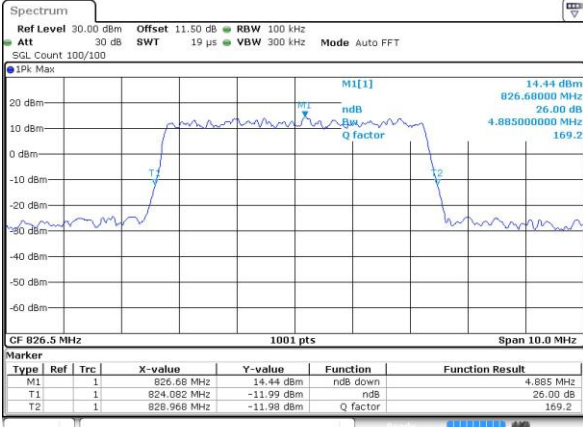
Date: 9 APR 2018 23:52:25





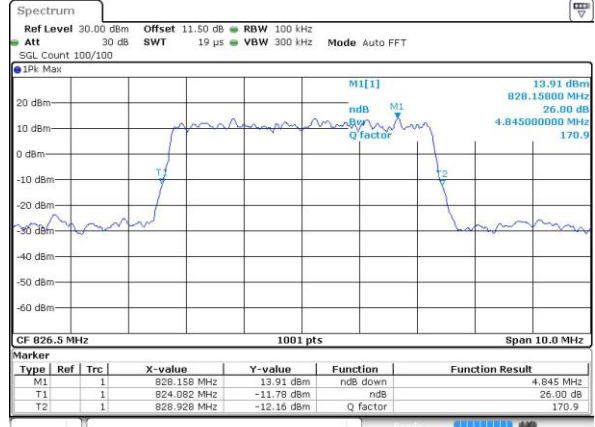
LTE Band 26

Lowest Channel / 5MHz / QPSK



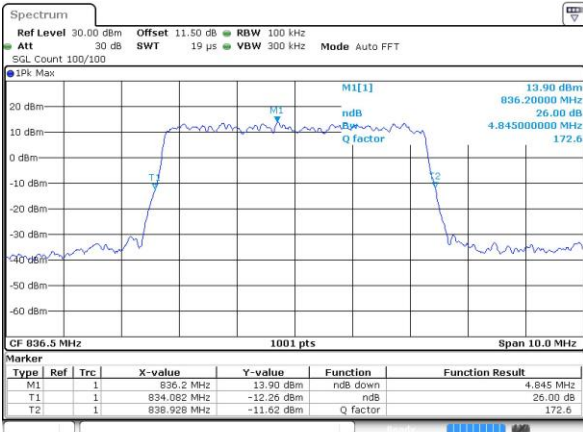
Date: 9 APR 2018 23:59:43

Lowest Channel / 5MHz / 16QAM



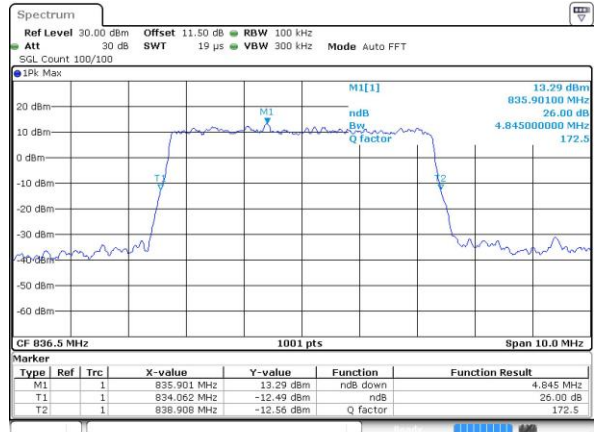
Date: 9 APR 2018 23:59:32

Middle Channel / 5MHz / QPSK



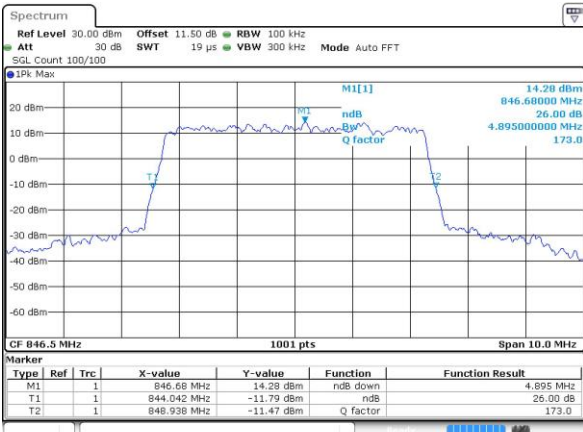
Date: 10 APR 2018 00:06:50

Middle Channel / 5MHz / 16QAM



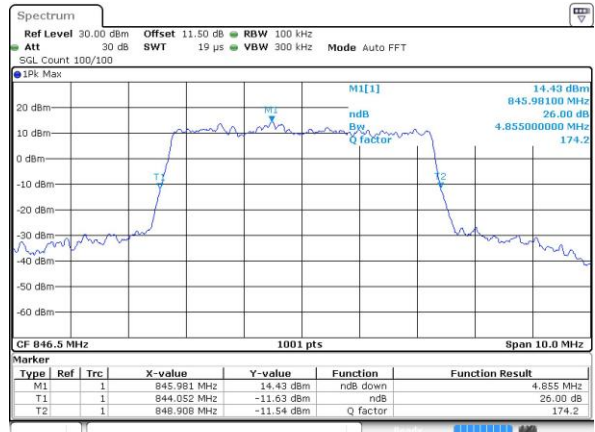
Date: 10 APR 2018 00:06:40

Highest Channel / 5MHz / QPSK



Date: 10 APR 2018 00:09:20

Highest Channel / 5MHz / 16QAM

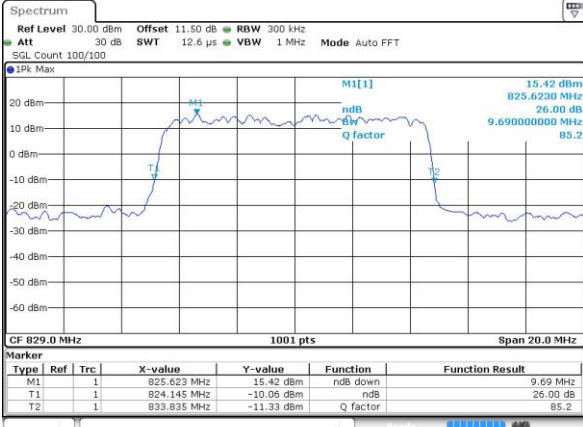


Date: 10 APR 2018 00:09:10



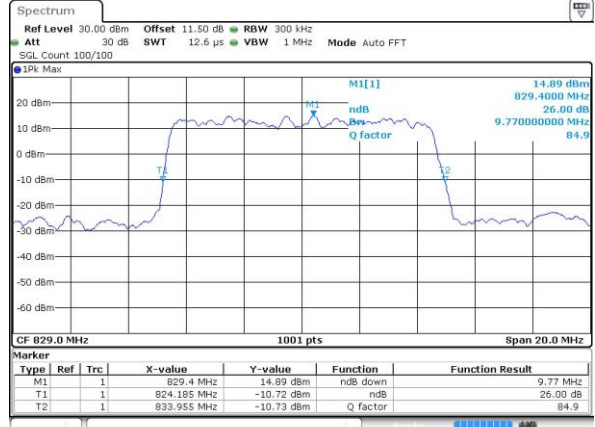
LTE Band 26

Lowest Channel / 10MHz / QPSK



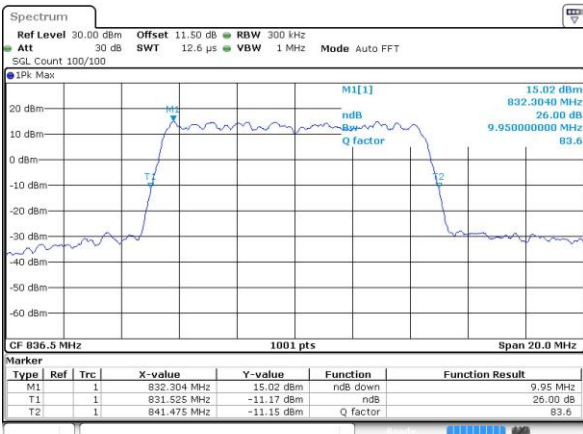
Date: 10 APR 2018 00:16:27

Lowest Channel / 10MHz / 16QAM



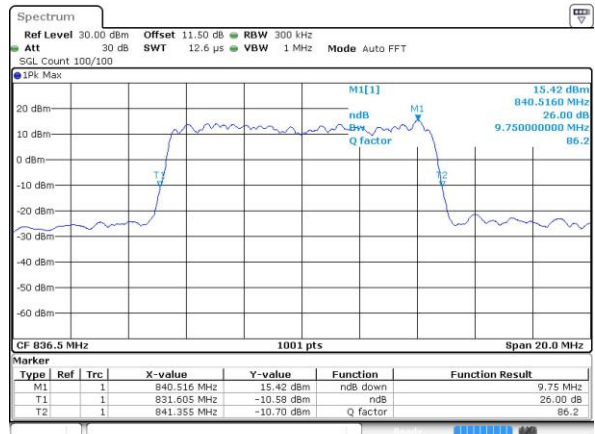
Date: 10 APR 2018 00:16:17

Middle Channel / 10MHz / QPSK



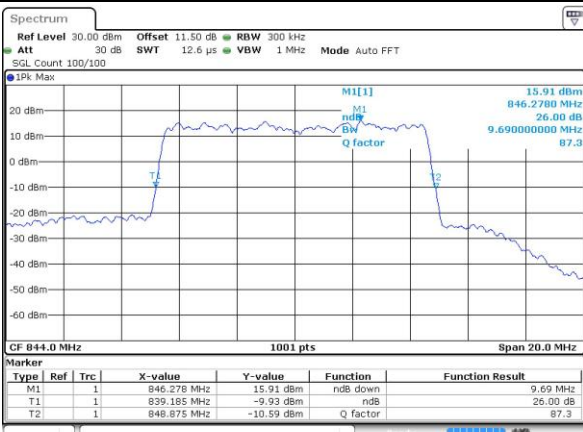
Date: 10 APR 2018 00:23:35

Middle Channel / 10MHz / 16QAM



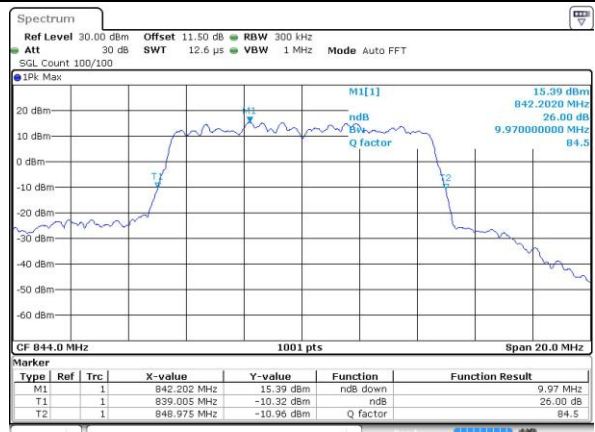
Date: 10 APR 2018 00:23:24

Highest Channel / 10MHz / QPSK



Date: 10 APR 2018 00:26:05

Highest Channel / 10MHz / 16QAM

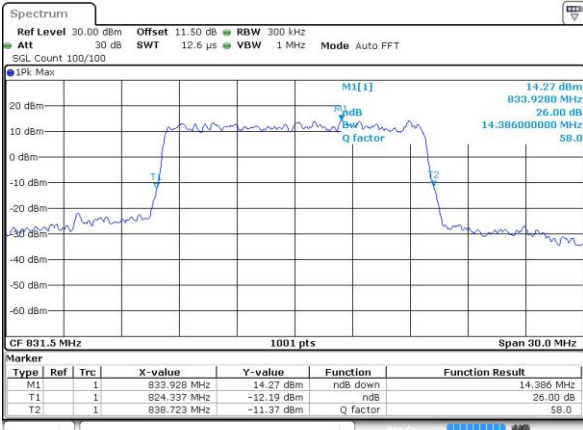


Date: 10 APR 2018 00:25:54



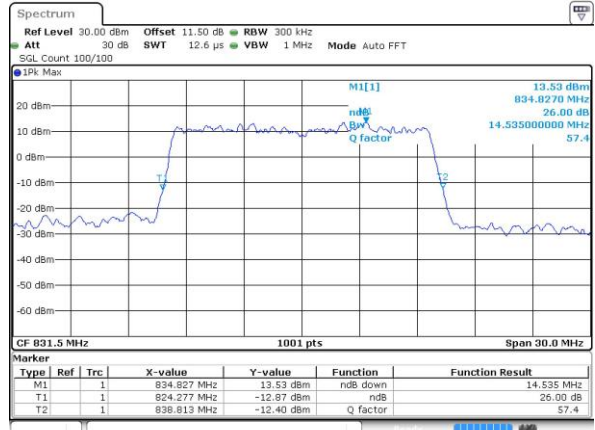
LTE Band 26

Lowest Channel / 15MHz / QPSK



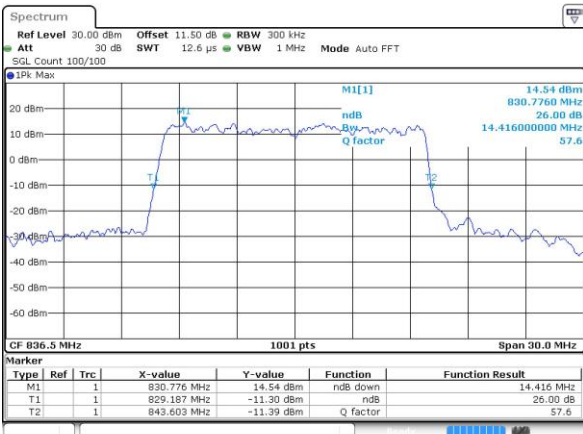
Date: 10 APR 2018 00:33:12

Lowest Channel / 15MHz / 16QAM



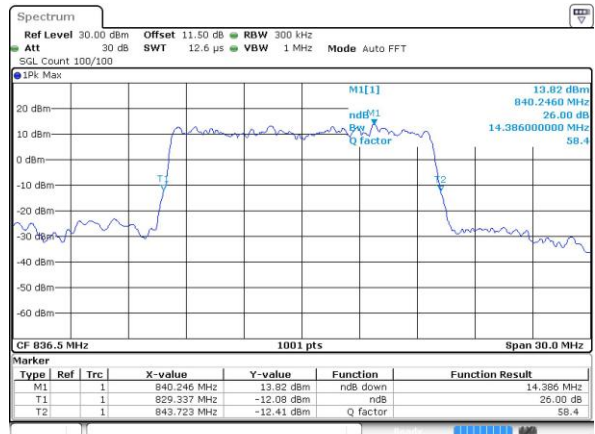
Date: 10 APR 2018 00:33:01

Middle Channel / 15MHz / QPSK



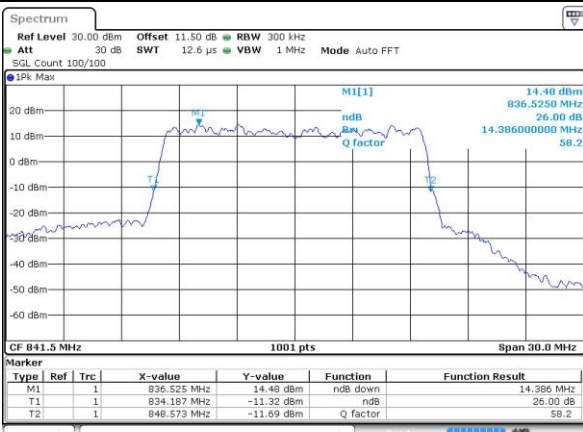
Date: 10 APR 2018 00:40:18

Middle Channel / 15MHz / 16QAM



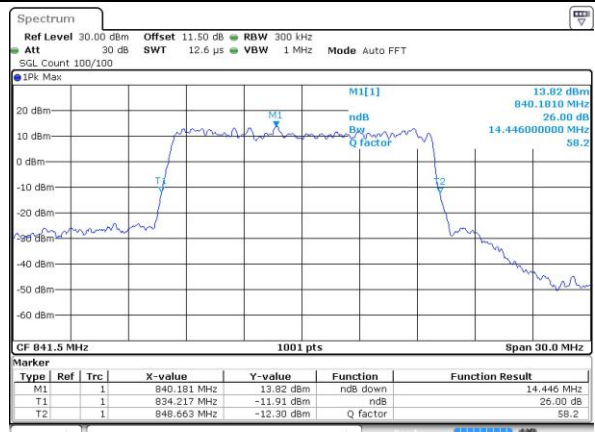
Date: 10 APR 2018 00:40:08

Highest Channel / 15MHz / QPSK



Date: 10 APR 2018 00:42:48

Highest Channel / 15MHz / 16QAM



Date: 10 APR 2018 00:42:38



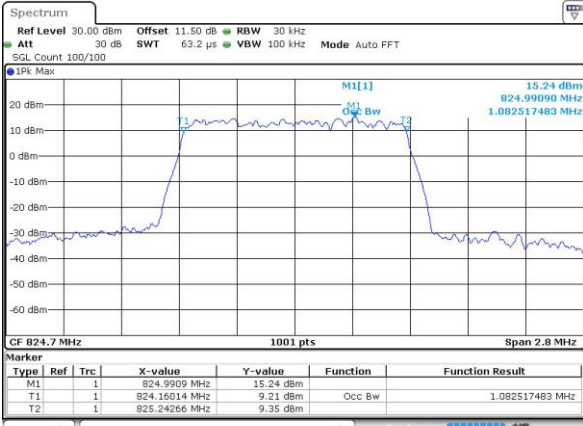
### Occupied Bandwidth

Mode	LTE Band 26 : 99%OBW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
BW	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.08	1.09	2.72	2.71	4.48	4.5	9.05	9.01	13.49	13.43	-	-
Middle CH	1.09	1.09	2.72	2.71	4.49	4.5	9.01	9.07	13.46	13.46	-	-
Highest CH	1.09	1.09	2.71	2.71	4.49	4.5	9.03	8.97	13.4	13.43	-	-



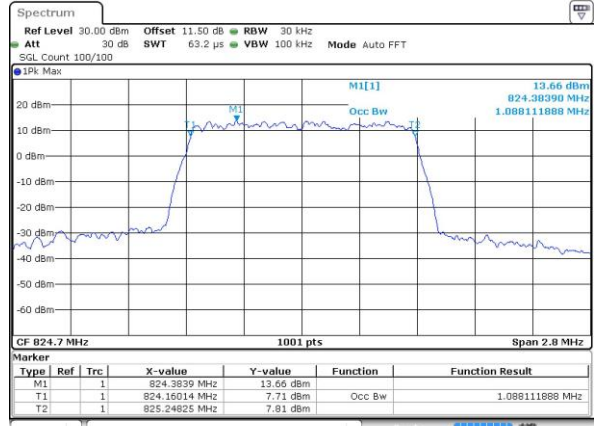
LTE Band 26

Lowest Channel / 1.4MHz / QPSK



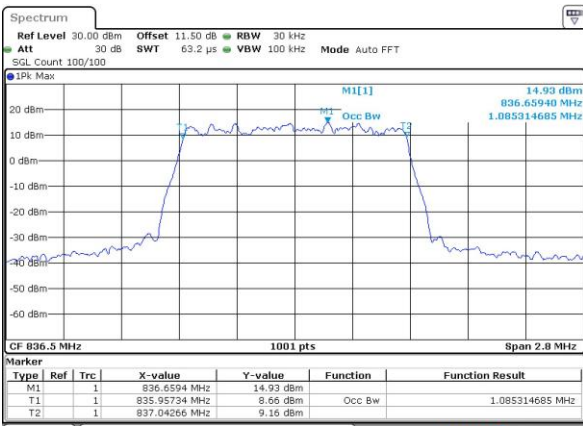
Date: 9 APR 2018 23:17:05

Lowest Channel / 1.4MHz / 16QAM



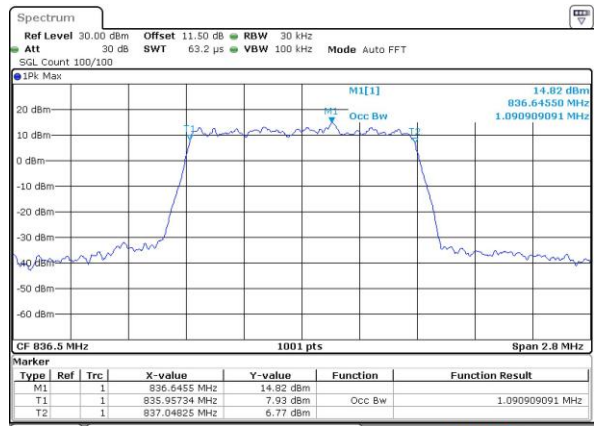
Date: 9 APR 2018 23:17:15

Middle Channel / 1.4MHz / QPSK



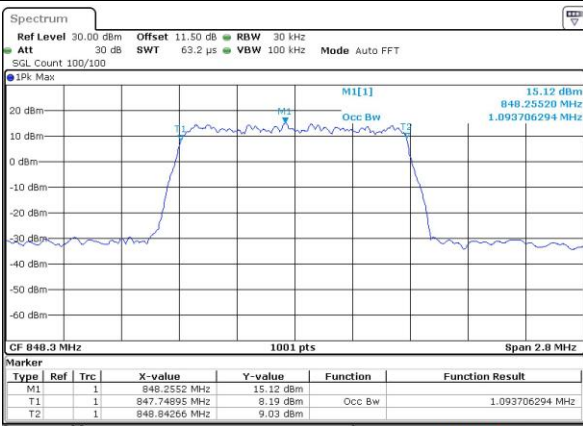
Date: 9 APR 2018 23:24:56

Middle Channel / 1.4MHz / 16QAM



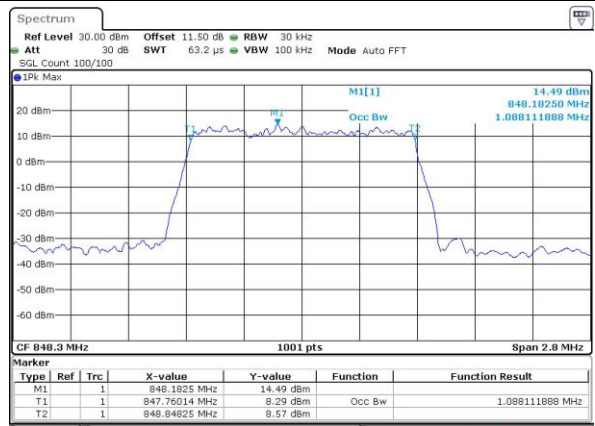
Date: 9 APR 2018 23:25:06

Highest Channel / 1.4MHz / QPSK



Date: 9 APR 2018 23:27:26

Highest Channel / 1.4MHz / 16QAM



Date: 9 APR 2018 23:27:36