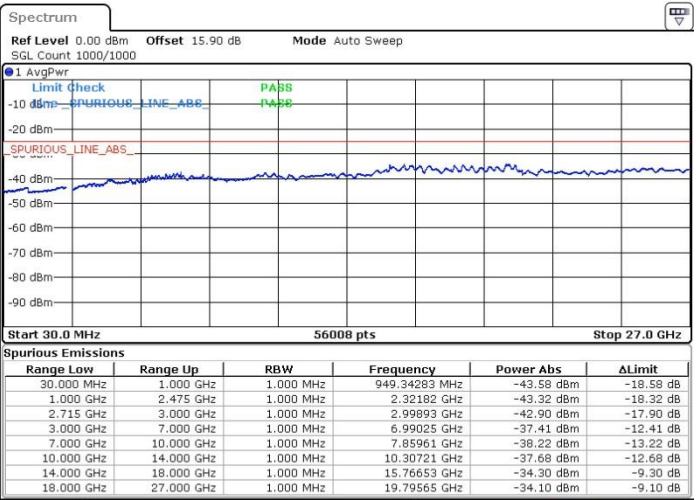
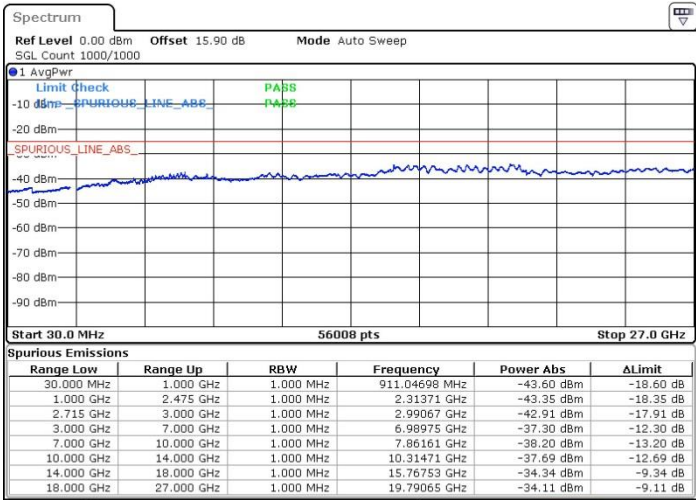




LTE Band 41 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

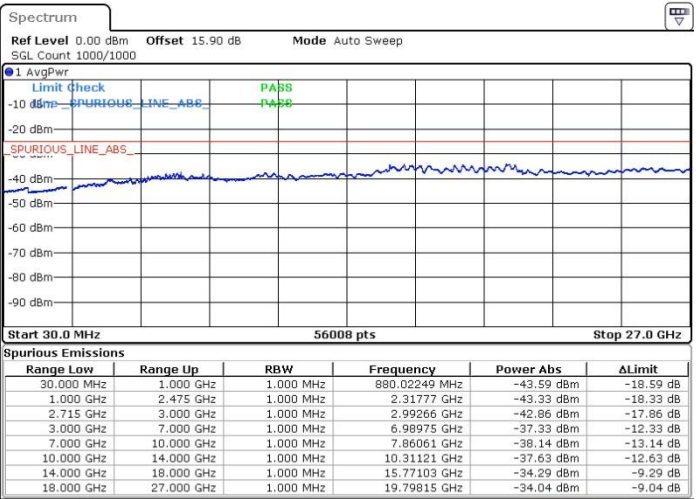
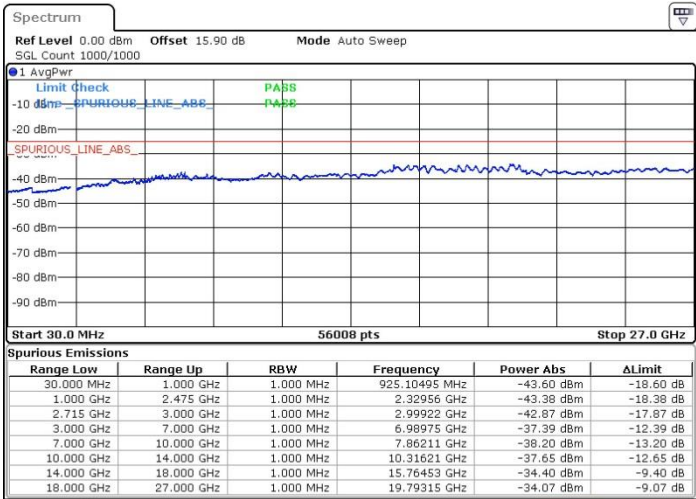


Date: 21.FEB.2017 20:41:07

Date: 21.FEB.2017 20:49:18

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 21.FEB.2017 21:02:24

Date: 21.FEB.2017 20:55:44



Frequency Stability

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0015	PASS
40	Normal Voltage	0.0007	
30	Normal Voltage	0.0011	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0009	
0	Normal Voltage	0.0011	
-10	Normal Voltage	0.0005	
-20	Normal Voltage	0.0006	
-30	Normal Voltage	0.0003	
20	Maximum Voltage	0.0019	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0015	

Note:

1. Normal Voltage =3.9 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.35 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 66

Peak-to-Average Ratio

Mode	LTE Band 66 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.49	4.72	5.57	5.71	PASS
Middle CH	4.26	4.78	5.45	5.59	
Highest CH	4.61	4.78	5.33	6	



LTE Band 66 / 20MHz / QPSK

Lowest Channel / 1RB



Date: 20 FEB 2017 17:49:40

Lowest Channel / Full RB



Date: 20 FEB 2017 17:49:51

Middle Channel / 1RB



Date: 20 FEB 2017 17:50:02

Middle Channel / Full RB



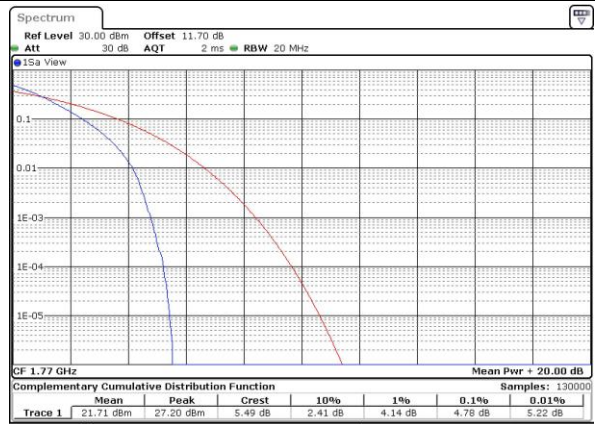
Date: 20 FEB 2017 17:50:11

Highest Channel / 1RB



Date: 20 FEB 2017 17:50:21

Highest Channel / Full RB



Date: 20 FEB 2017 17:50:31



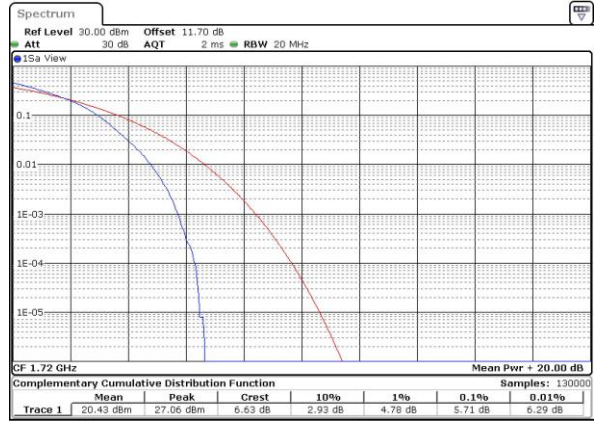
LTE Band 66 / 20MHz / 16QAM

Lowest Channel / 1RB



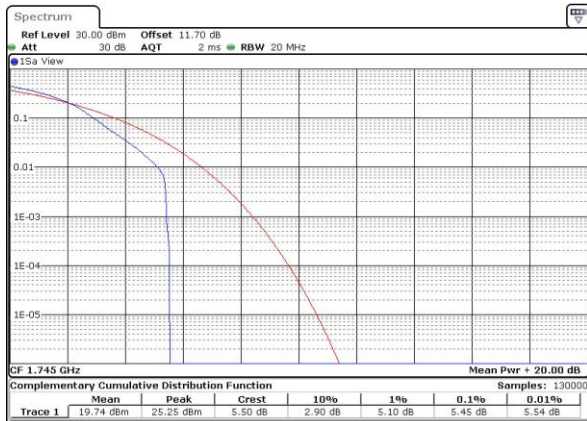
Date: 20 FEB 2017 17:48:29

Lowest Channel / Full RB



Date: 20 FEB 2017 17:48:44

Middle Channel / 1RB



Date: 20 FEB 2017 17:48:57

Middle Channel / Full RB



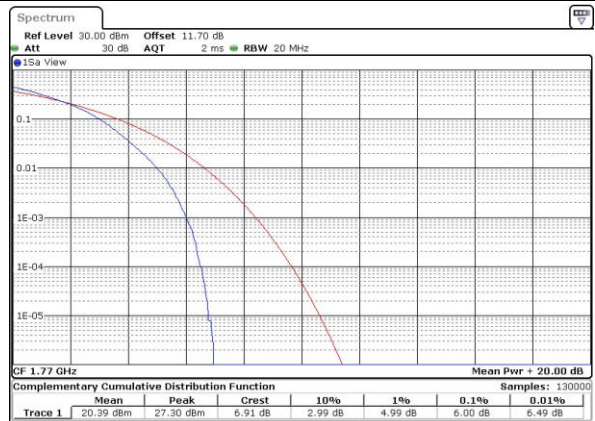
Date: 20 FEB 2017 17:49:07

Highest Channel / 1RB



Date: 20 FEB 2017 17:49:17

Highest Channel / Full RB



Date: 20 FEB 2017 17:49:27



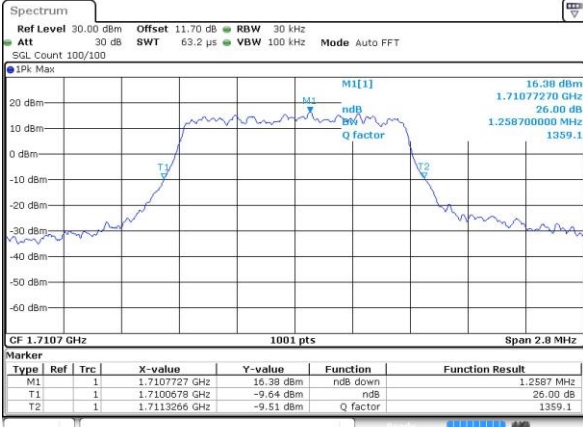
26dB Bandwidth

Mode	LTE Band 66 : 26dB BW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
BW												
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.26	1.28	2.99	2.97	4.85	4.83	9.99	9.65	14.30	14.39	20.42	20.14
Middle CH	1.28	1.31	3.01	2.96	5.05	4.95	9.77	9.81	14.30	14.51	20.14	20.10
Highest CH	1.26	1.26	3.02	3.00	4.90	4.99	9.79	9.79	14.48	14.45	20.18	20.06



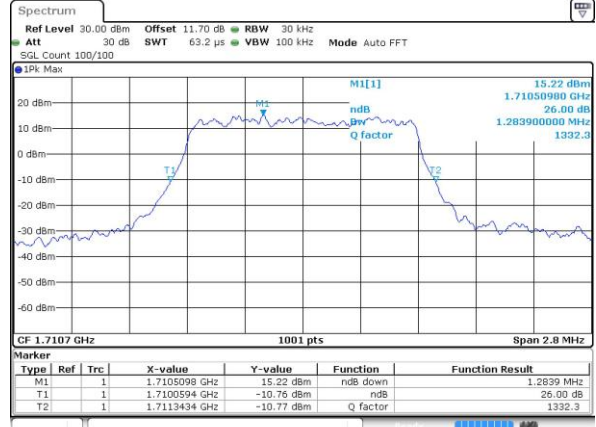
LTE Band 66

Lowest Channel / 1.4MHz / QPSK



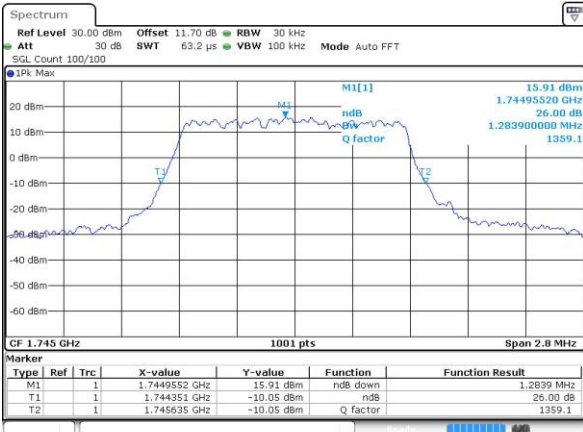
Date: 20 FEB 2017 15:46:45

Lowest Channel / 1.4MHz / 16QAM



Date: 20 FEB 2017 15:46:55

Middle Channel / 1.4MHz / QPSK



Date: 20 FEB 2017 15:53:54

Middle Channel / 1.4MHz / 16QAM



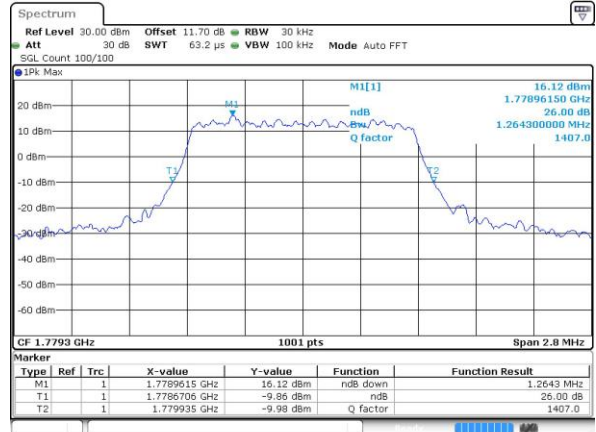
Date: 20 FEB 2017 15:54:04

Highest Channel / 1.4MHz / QPSK



Date: 20 FEB 2017 15:56:28

Highest Channel / 1.4MHz / 16QAM

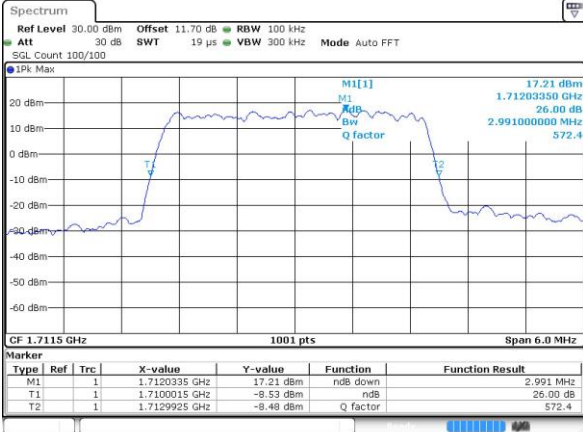


Date: 20 FEB 2017 15:56:36



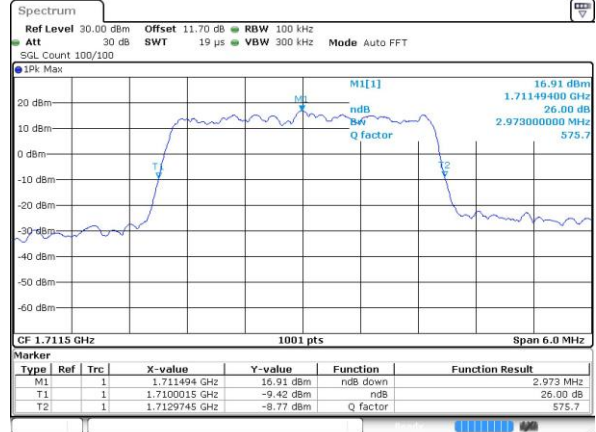
LTE Band 66

Lowest Channel / 3MHz / QPSK



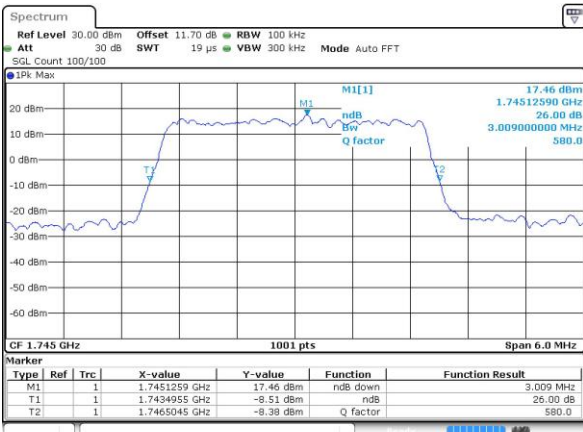
Date: 20 FEB 2017 14:12:28

Lowest Channel / 3MHz / 16QAM



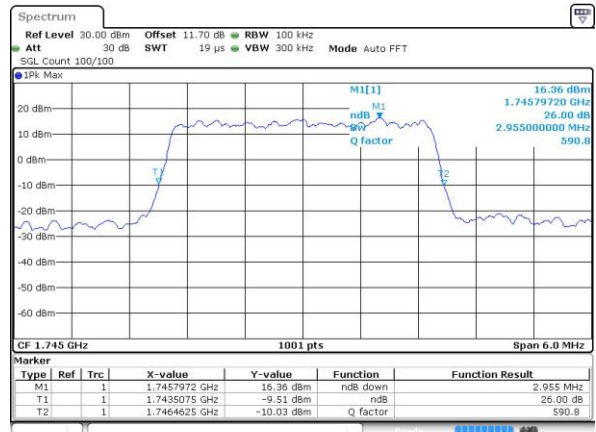
Date: 20 FEB 2017 14:12:38

Middle Channel / 3MHz / QPSK



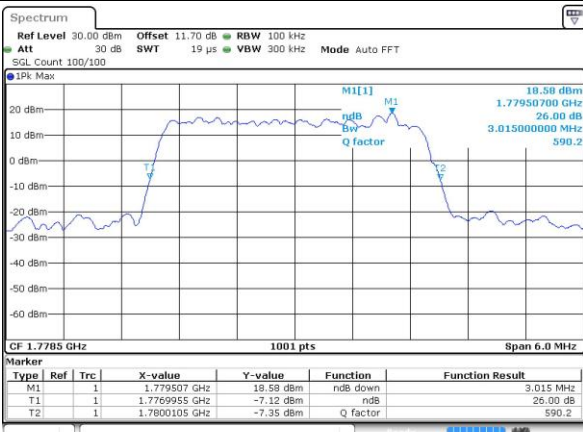
Date: 20 FEB 2017 14:19:36

Middle Channel / 3MHz / 16QAM



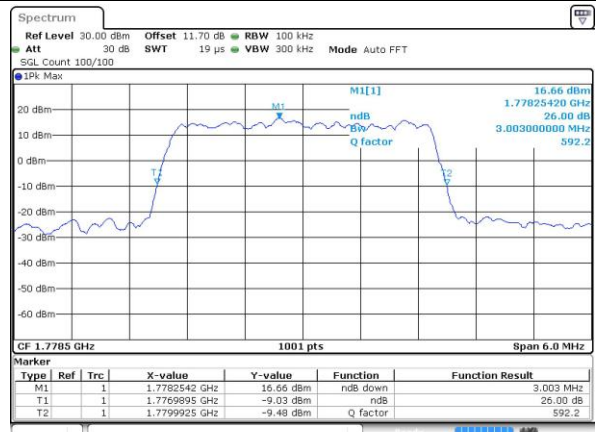
Date: 20 FEB 2017 14:19:46

Highest Channel / 3MHz / QPSK



Date: 20 FEB 2017 14:22:07

Highest Channel / 3MHz / 16QAM

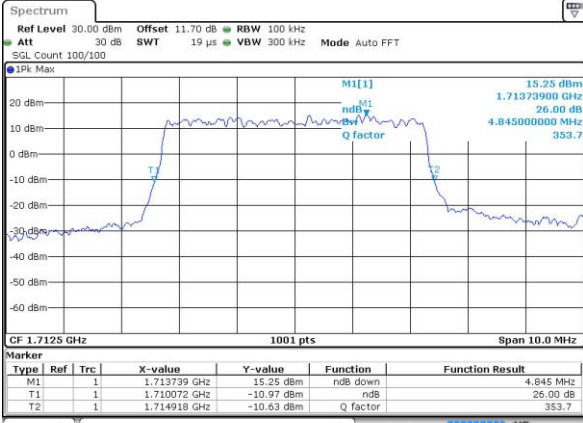


Date: 20 FEB 2017 14:22:18



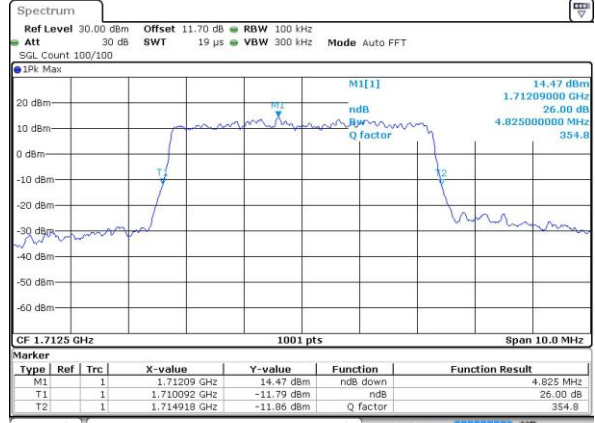
LTE Band 66

Lowest Channel / 5MHz / QPSK



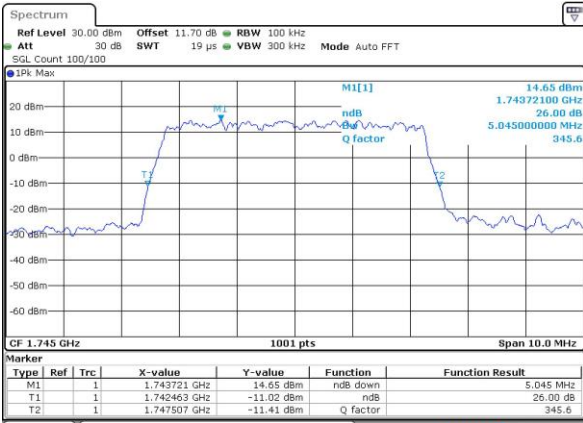
Date: 20 FEB 2017 14:29:15

Lowest Channel / 5MHz / 16QAM



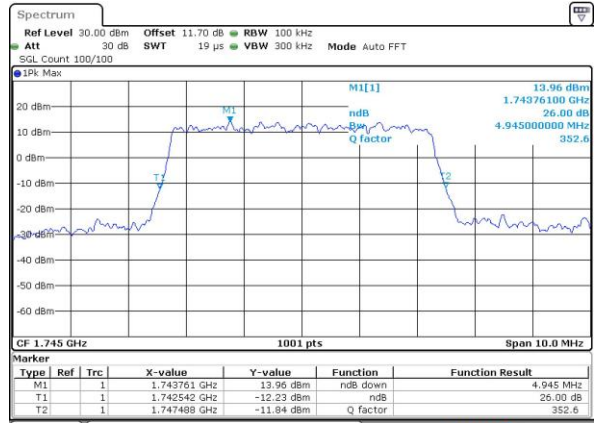
Date: 20 FEB 2017 14:29:25

Middle Channel / 5MHz / QPSK



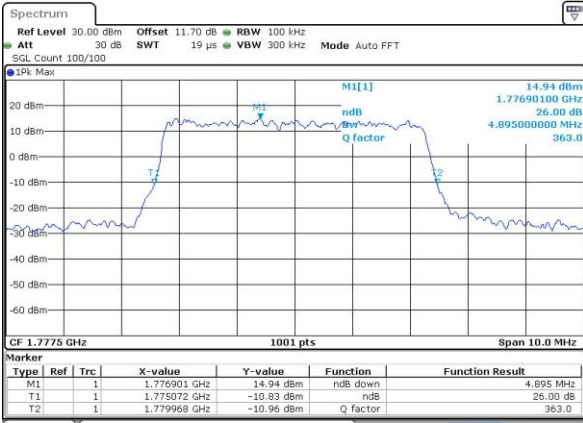
Date: 20 FEB 2017 14:38:23

Middle Channel / 5MHz / 16QAM



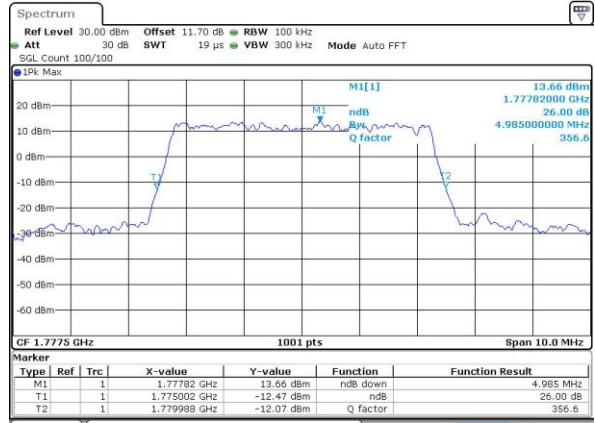
Date: 20 FEB 2017 14:38:34

Highest Channel / 5MHz / QPSK



Date: 20 FEB 2017 14:38:55

Highest Channel / 5MHz / 16QAM

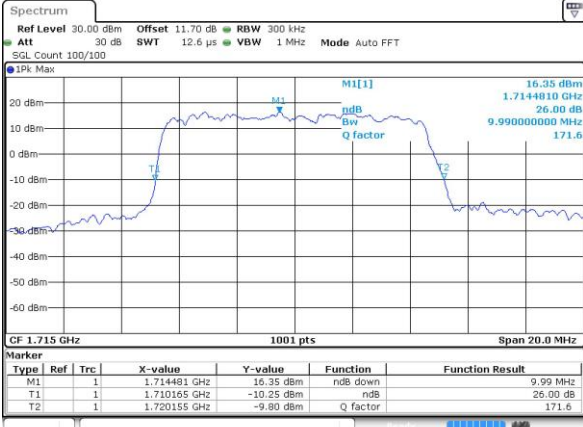


Date: 20 FEB 2017 14:39:05



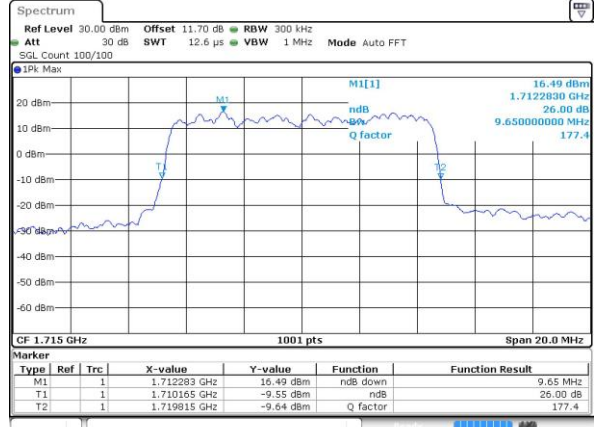
LTE Band 66

Lowest Channel / 10MHz / QPSK



Date: 20 FEB 2017 14:46:03

Lowest Channel / 10MHz / 16QAM



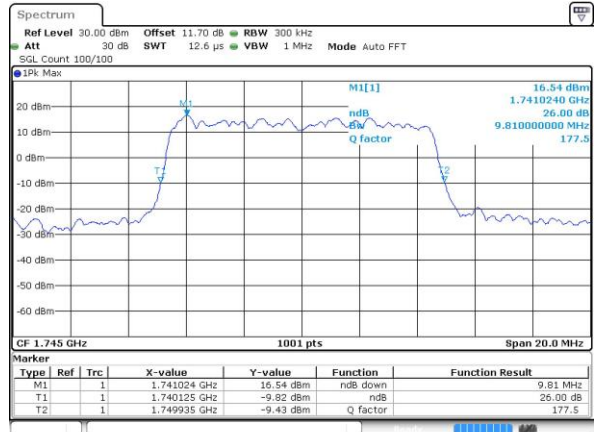
Date: 20 FEB 2017 14:46:13

Middle Channel / 10MHz / QPSK



Date: 20 FEB 2017 14:53:11

Middle Channel / 10MHz / 16QAM



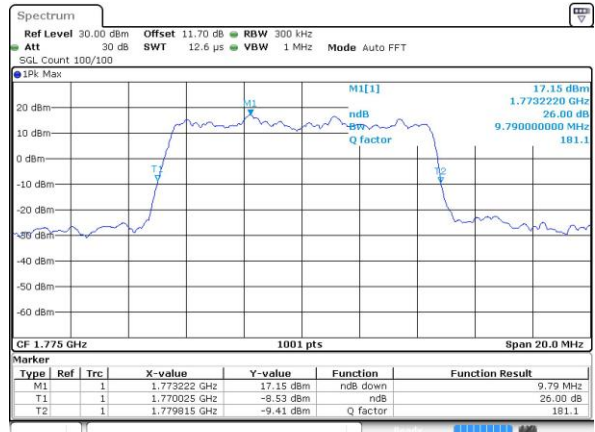
Date: 20 FEB 2017 14:53:21

Highest Channel / 10MHz / QPSK



Date: 20 FEB 2017 14:55:42

Highest Channel / 10MHz / 16QAM

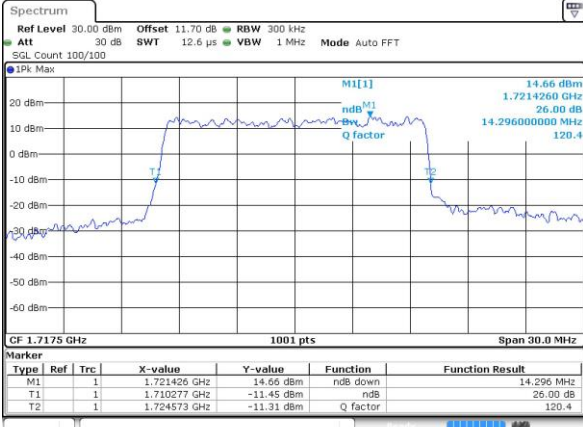


Date: 20 FEB 2017 14:55:53



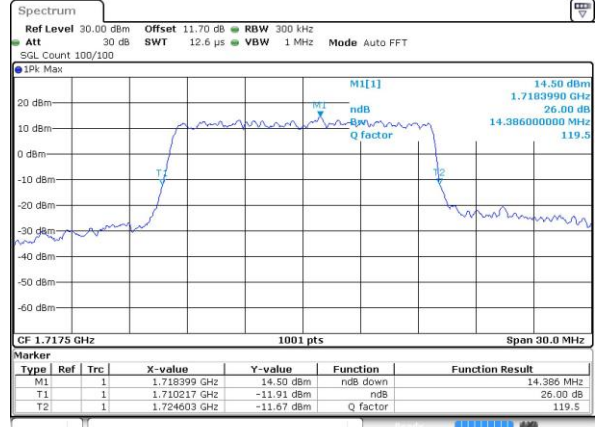
LTE Band 66

Lowest Channel / 15MHz / QPSK



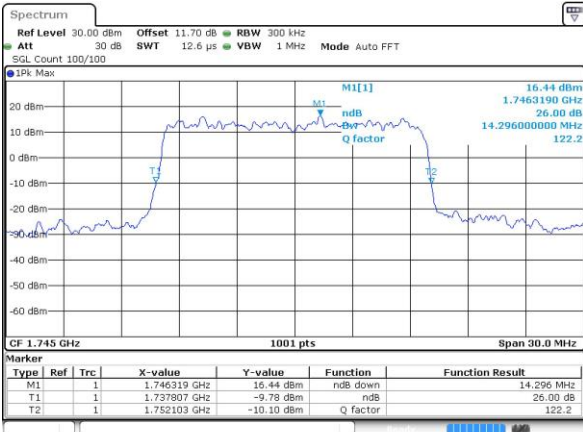
Date: 20 FEB 2017 15:13:09

Lowest Channel / 15MHz / 16QAM



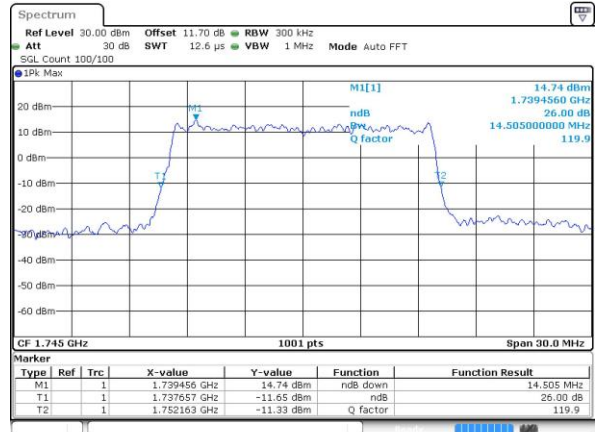
Date: 20 FEB 2017 15:13:19

Middle Channel / 15MHz / QPSK



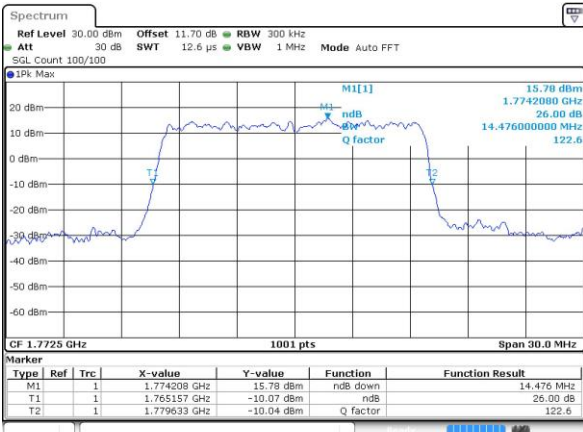
Date: 20 FEB 2017 15:20:17

Middle Channel / 15MHz / 16QAM



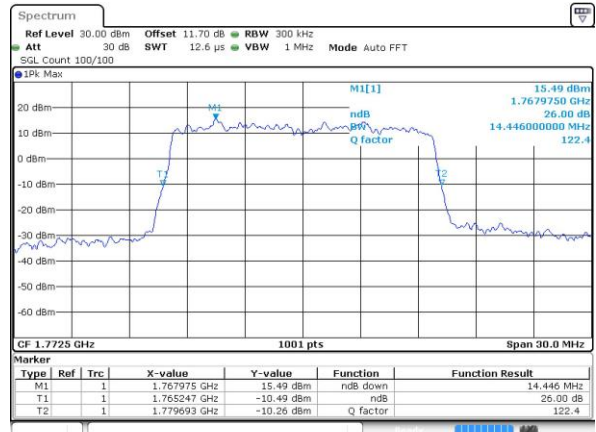
Date: 20 FEB 2017 15:20:28

Highest Channel / 15MHz / QPSK



Date: 20 FEB 2017 15:22:49

Highest Channel / 15MHz / 16QAM

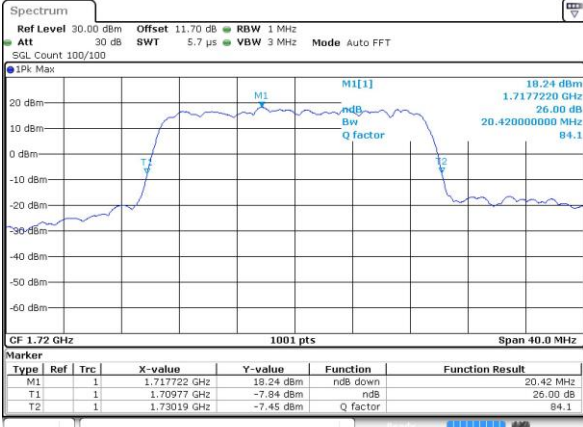


Date: 20 FEB 2017 15:22:59



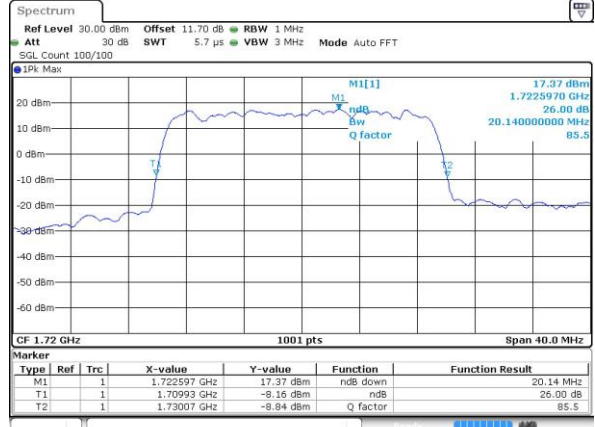
LTE Band 66

Lowest Channel / 20MHz / QPSK



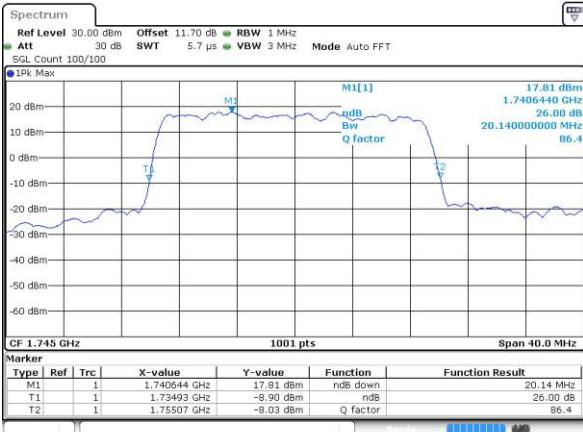
Date: 20 FEB 2017 15:29:57

Lowest Channel / 20MHz / 16QAM



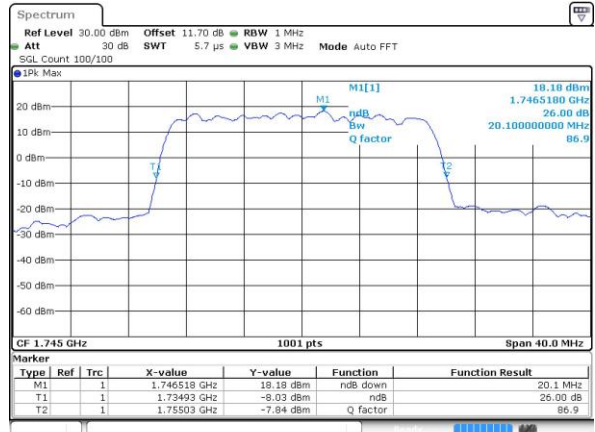
Date: 20 FEB 2017 15:30:07

Middle Channel / 20MHz / QPSK



Date: 20 FEB 2017 15:37:05

Middle Channel / 20MHz / 16QAM



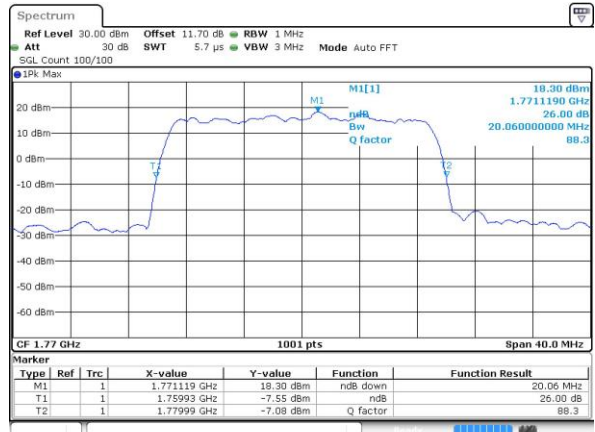
Date: 20 FEB 2017 15:37:15

Highest Channel / 20MHz / QPSK



Date: 20 FEB 2017 15:39:37

Highest Channel / 20MHz / 16QAM



Date: 20 FEB 2017 15:39:47



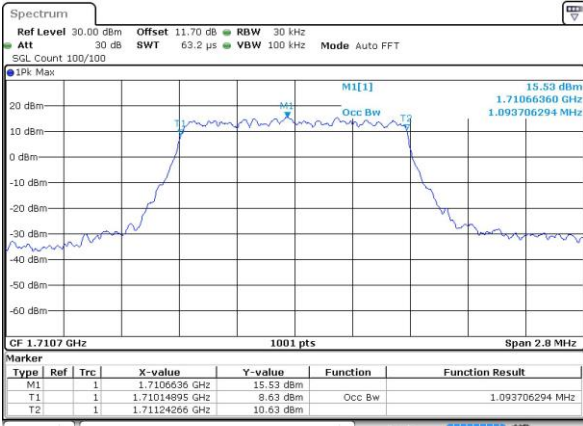
Occupied Bandwidth

Mode	LTE Band 66 : 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	1.09	1.09	2.74	2.72	4.5	4.49	9.07	9.03	13.37	13.4	18.46	18.42
Middle CH	1.09	1.09	2.7	2.72	4.49	4.48	9.03	9.03	13.37	13.43	18.42	18.3
Highest CH	1.09	1.1	2.71	2.72	4.49	4.48	9.03	9.03	13.4	13.43	18.5	18.34



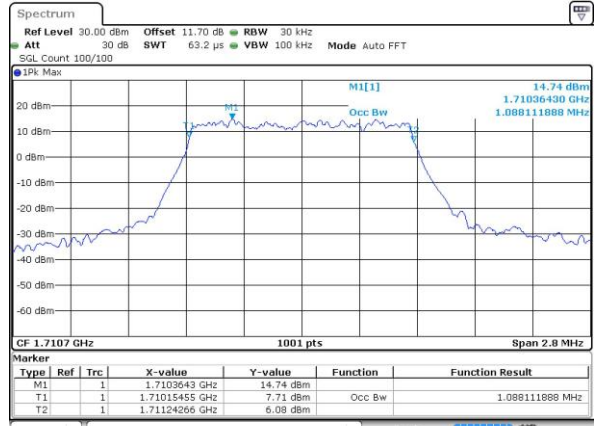
LTE Band 66

Lowest Channel / 1.4MHz / QPSK



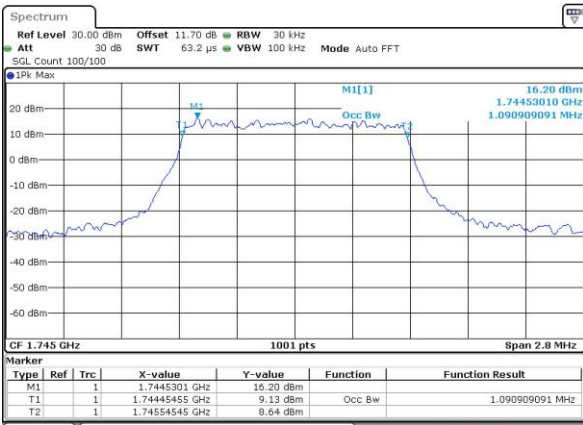
Date: 20 FEB 2017 15:46:24

Lowest Channel / 1.4MHz / 16QAM



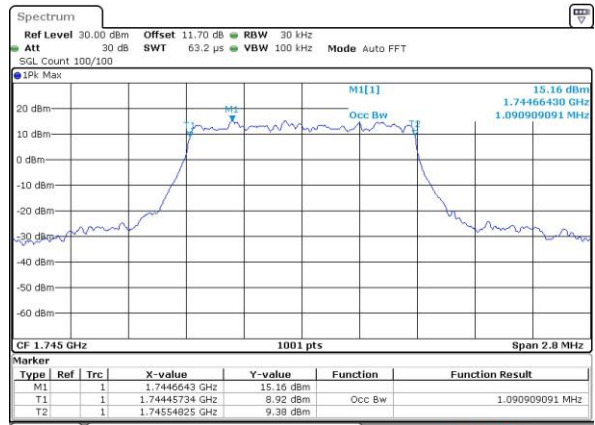
Date: 20 FEB 2017 15:46:34

Middle Channel / 1.4MHz / QPSK



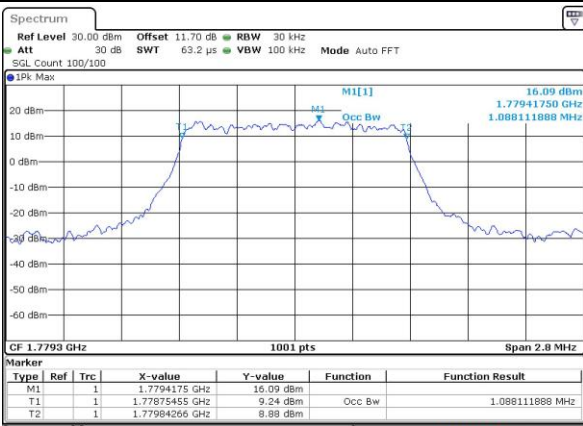
Date: 20 FEB 2017 15:53:33

Middle Channel / 1.4MHz / 16QAM



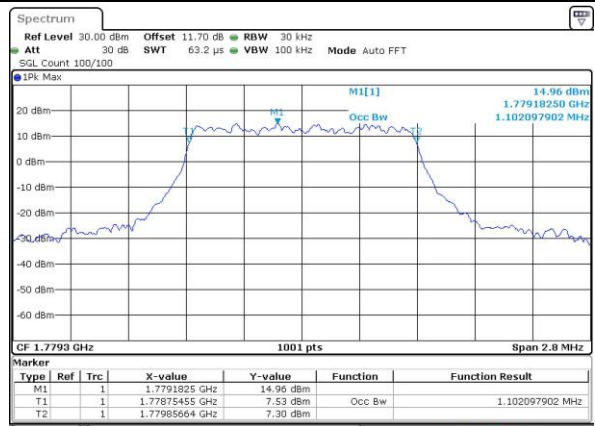
Date: 20 FEB 2017 15:53:44

Highest Channel / 1.4MHz / QPSK



Date: 20 FEB 2017 15:56:05

Highest Channel / 1.4MHz / 16QAM

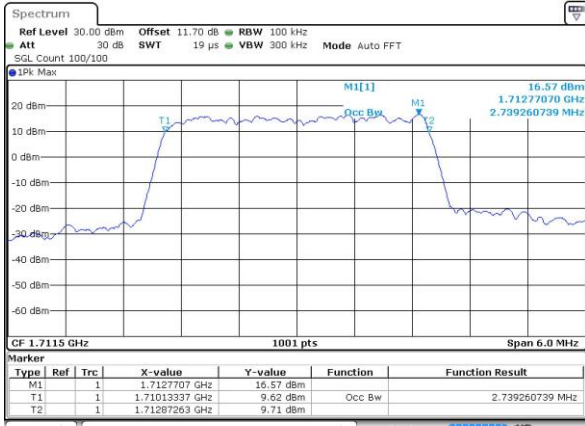


Date: 20 FEB 2017 15:56:15



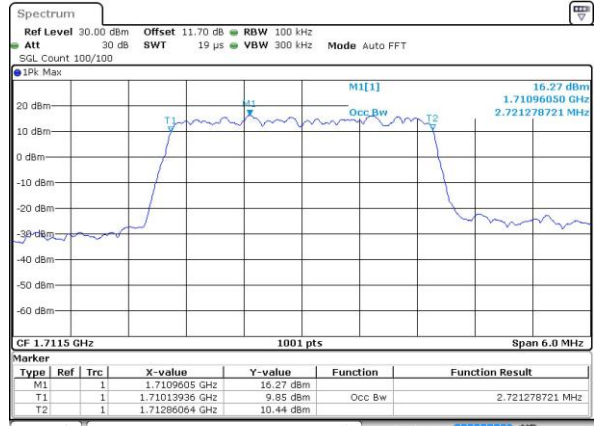
LTE Band 66

Lowest Channel / 3MHz / QPSK



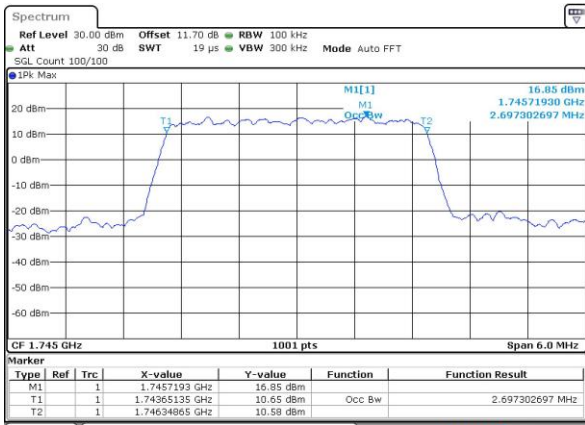
Date: 20 FEB 2017 14:12:07

Lowest Channel / 3MHz / 16QAM



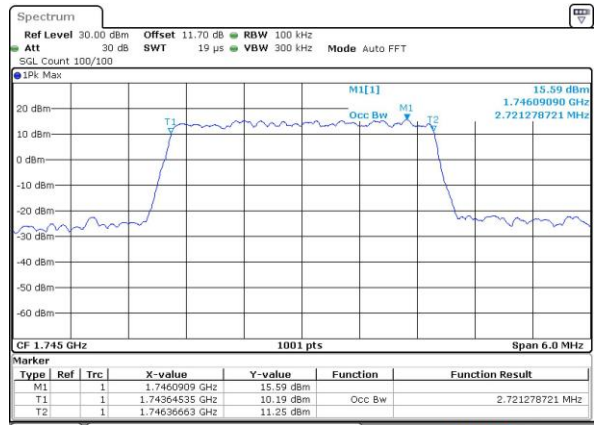
Date: 20 FEB 2017 14:12:17

Middle Channel / 3MHz / QPSK



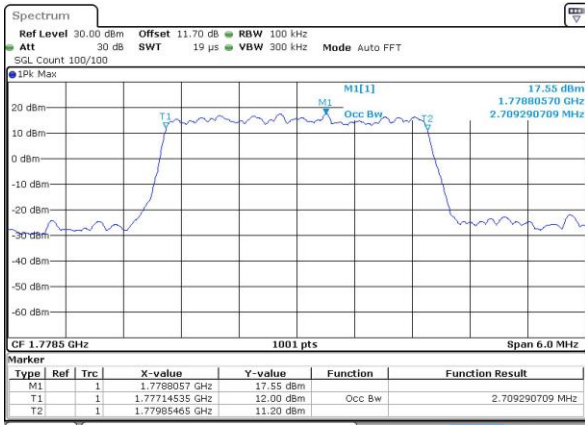
Date: 20 FEB 2017 14:19:15

Middle Channel / 3MHz / 16QAM



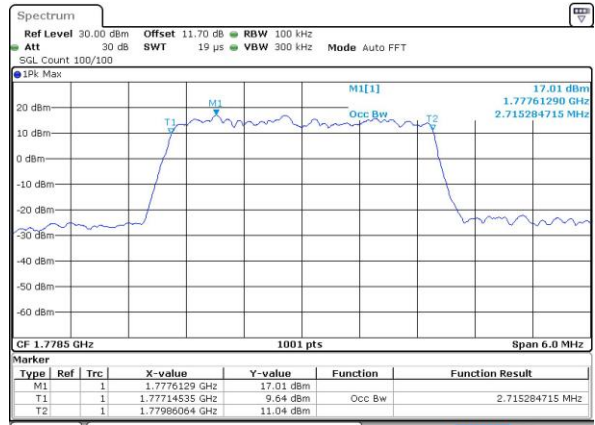
Date: 20 FEB 2017 14:19:25

Highest Channel / 3MHz / QPSK



Date: 20 FEB 2017 14:21:47

Highest Channel / 3MHz / 16QAM

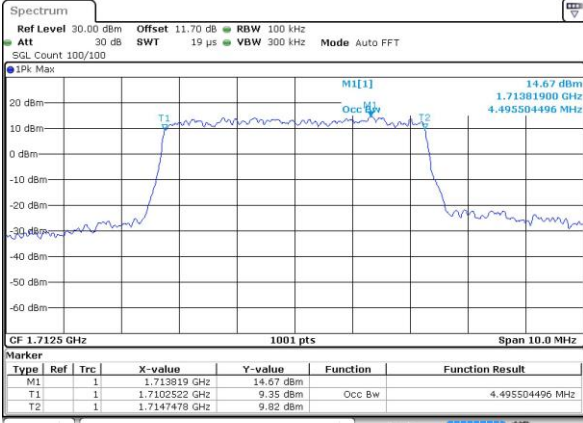


Date: 20 FEB 2017 14:21:57



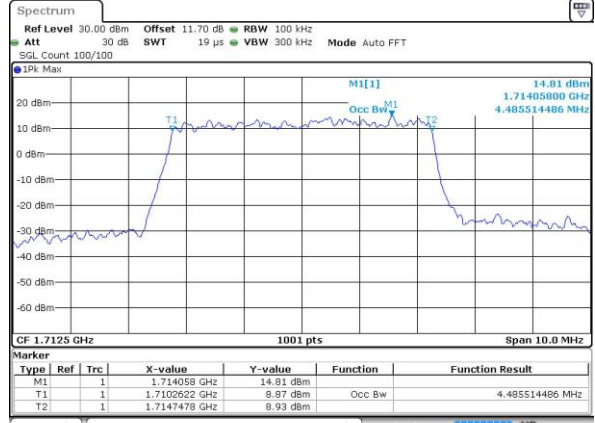
LTE Band 66

Lowest Channel / 5MHz / QPSK



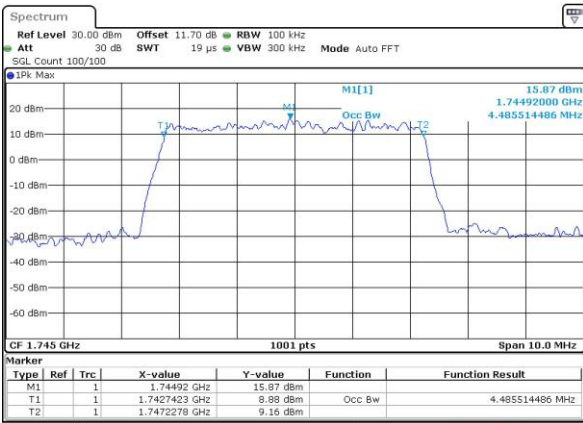
Date: 20 FEB 2017 14:28:54

Lowest Channel / 5MHz / 16QAM



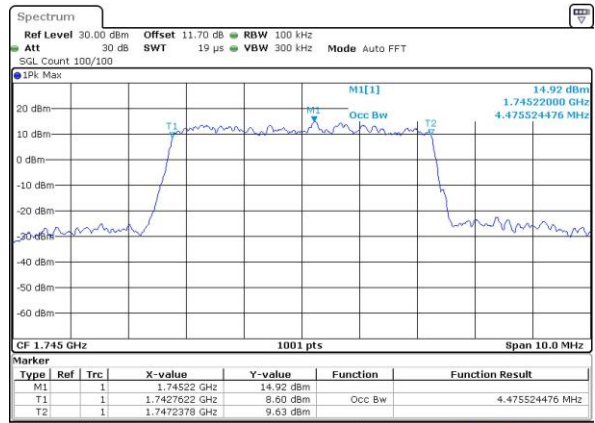
Date: 20 FEB 2017 14:29:05

Middle Channel / 5MHz / QPSK



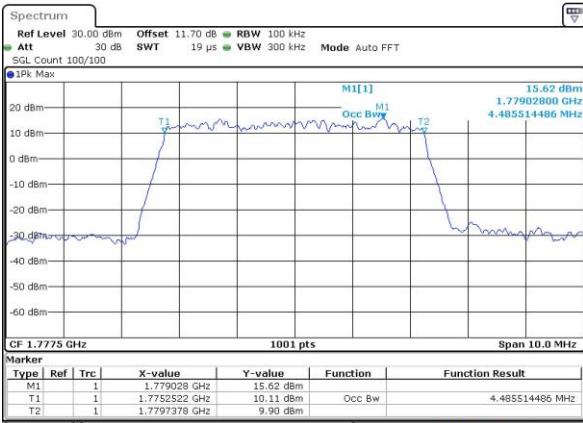
Date: 20 FEB 2017 14:36:03

Middle Channel / 5MHz / 16QAM



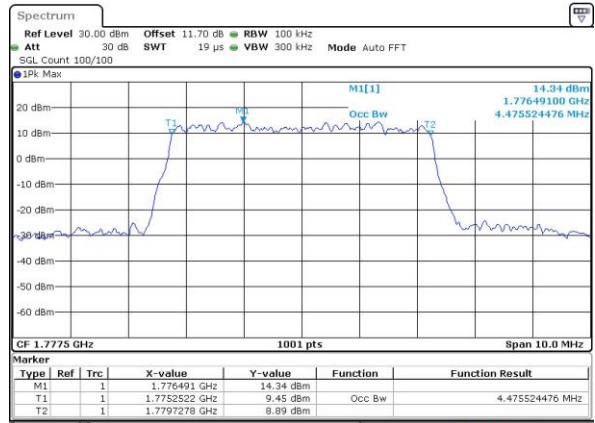
Date: 20 FEB 2017 14:36:13

Highest Channel / 5MHz / QPSK



Date: 20 FEB 2017 14:38:34

Highest Channel / 5MHz / 16QAM

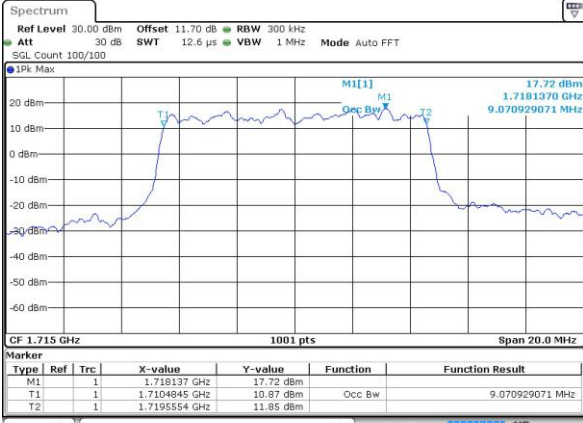


Date: 20 FEB 2017 14:38:45



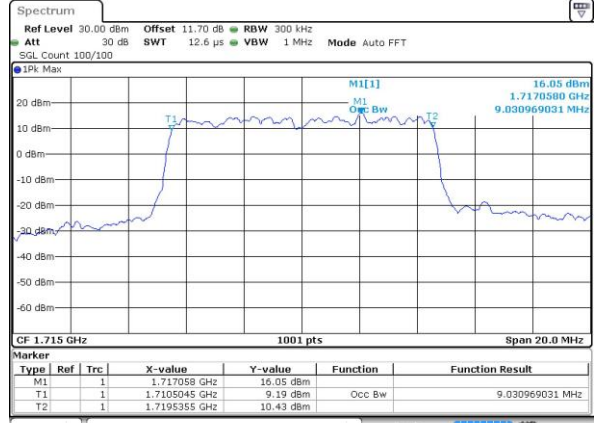
LTE Band 66

Lowest Channel / 10MHz / QPSK



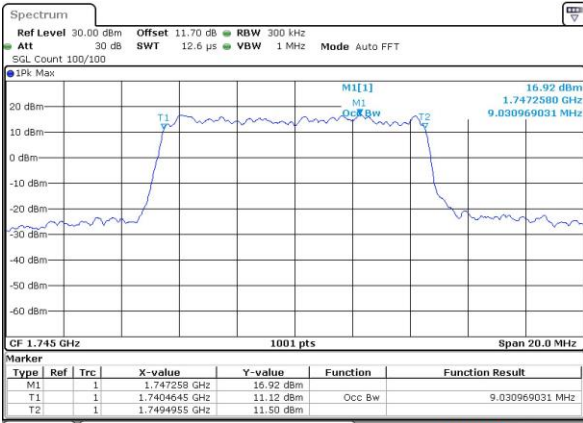
Date: 20 FEB 2017 14:45:42

Lowest Channel / 10MHz / 16QAM



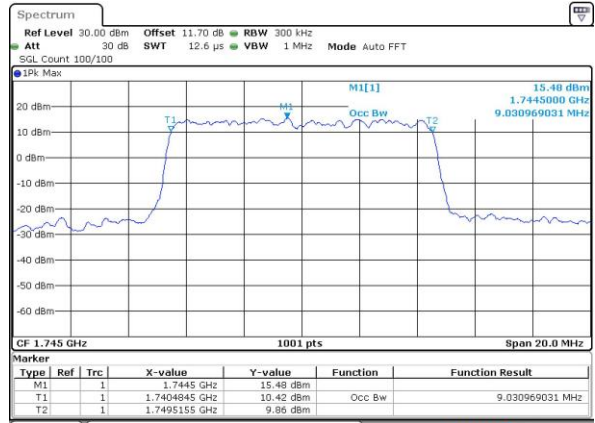
Date: 20 FEB 2017 14:45:53

Middle Channel / 10MHz / QPSK



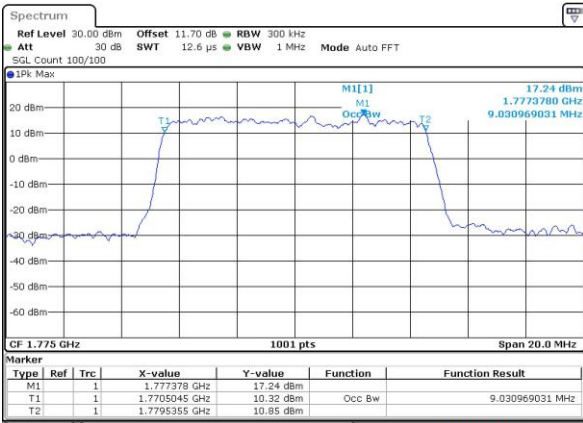
Date: 20 FEB 2017 14:52:50

Middle Channel / 10MHz / 16QAM



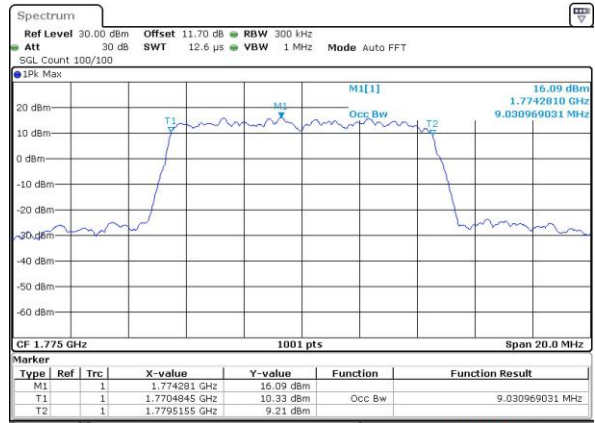
Date: 20 FEB 2017 14:53:01

Highest Channel / 10MHz / QPSK



Date: 20 FEB 2017 14:55:22

Highest Channel / 10MHz / 16QAM

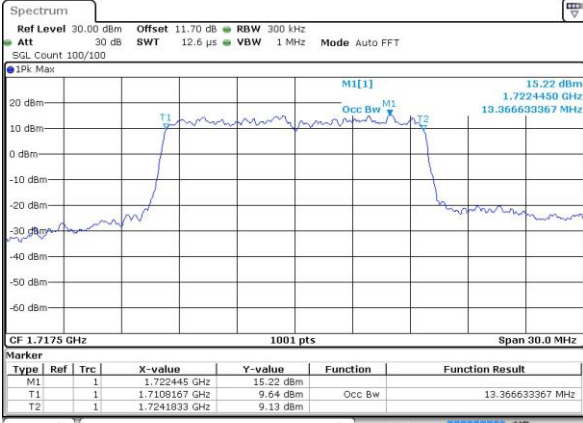


Date: 20 FEB 2017 14:55:32



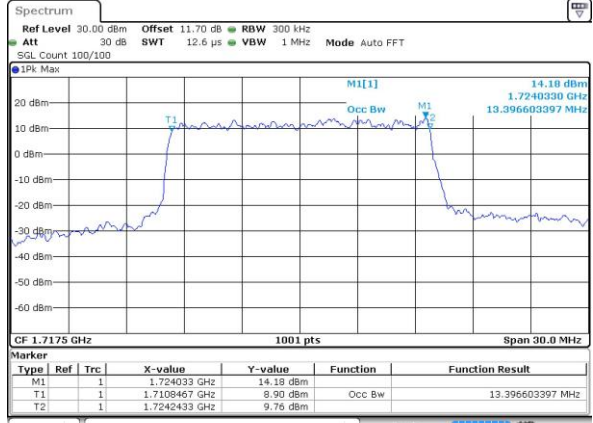
LTE Band 66

Lowest Channel / 15MHz / QPSK



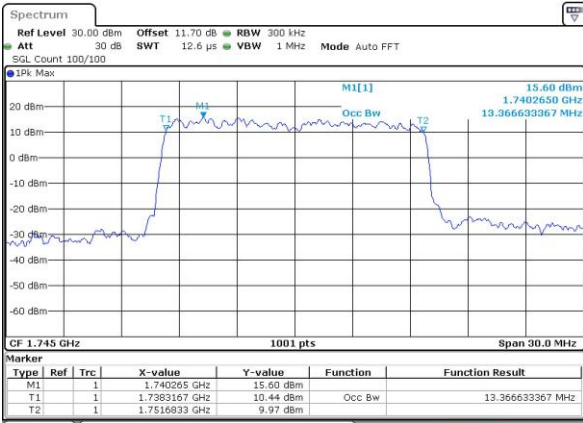
Date: 20 FEB 2017 15:12:48

Lowest Channel / 15MHz / 16QAM



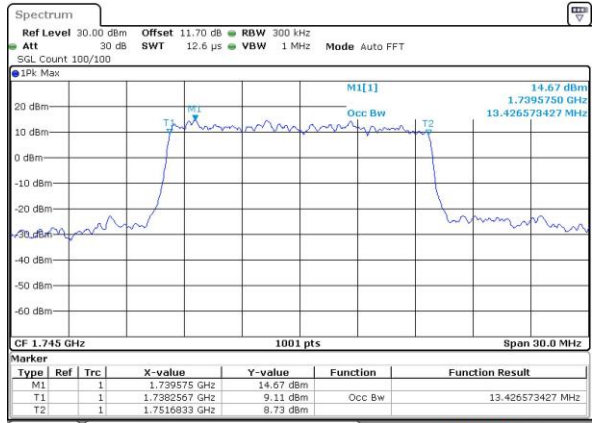
Date: 20 FEB 2017 15:12:58

Middle Channel / 15MHz / QPSK



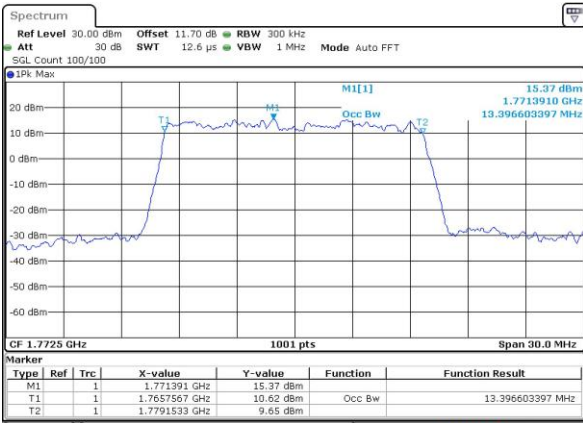
Date: 20 FEB 2017 15:19:56

Middle Channel / 15MHz / 16QAM



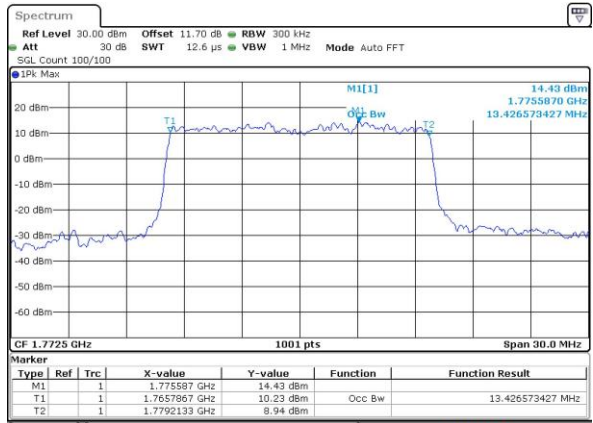
Date: 20 FEB 2017 15:20:07

Highest Channel / 15MHz / QPSK



Date: 20 FEB 2017 15:22:28

Highest Channel / 15MHz / 16QAM

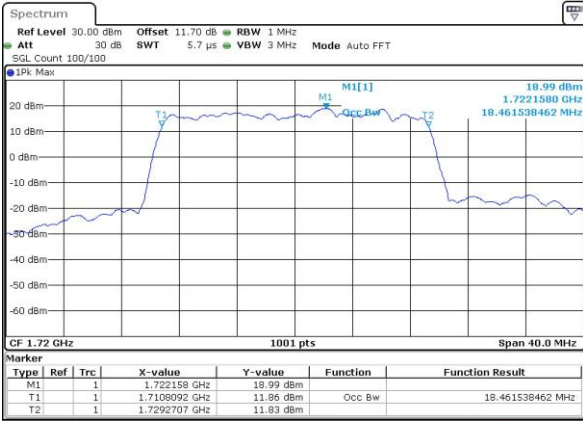


Date: 20 FEB 2017 15:22:39



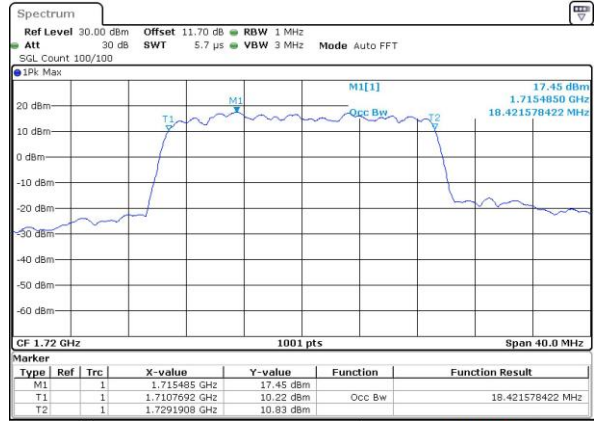
LTE Band 66

Lowest Channel / 20MHz / QPSK



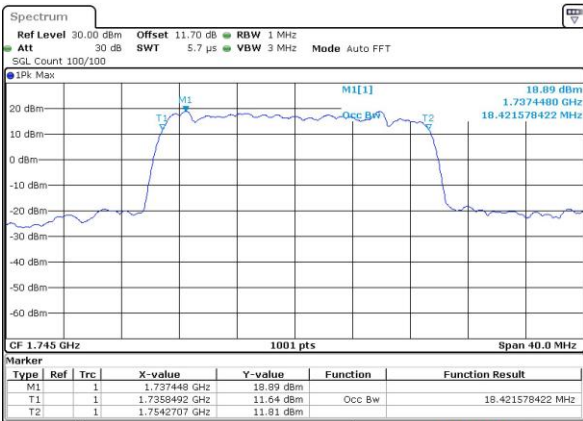
Date: 20 FEB 2017 15:29:36

Lowest Channel / 20MHz / 16QAM



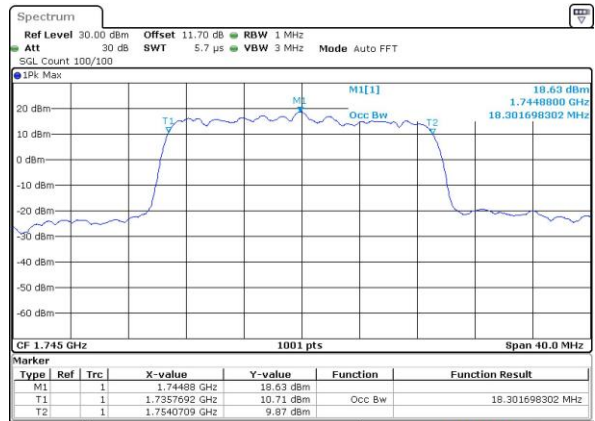
Date: 20 FEB 2017 15:29:47

Middle Channel / 20MHz / QPSK



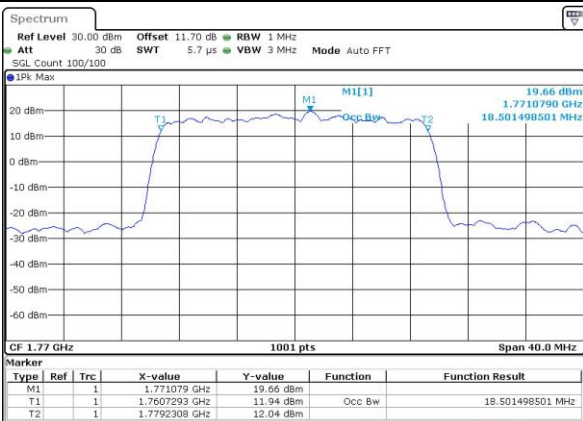
Date: 20 FEB 2017 15:36:44

Middle Channel / 20MHz / 16QAM



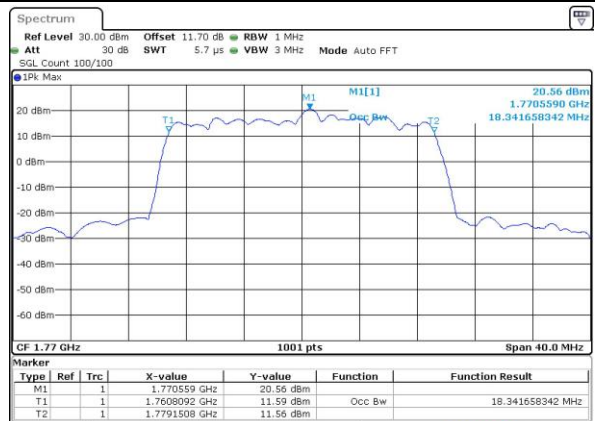
Date: 20 FEB 2017 15:36:55

Highest Channel / 20MHz / QPSK



Date: 20 FEB 2017 15:39:16

Highest Channel / 20MHz / 16QAM



Date: 20 FEB 2017 15:39:26

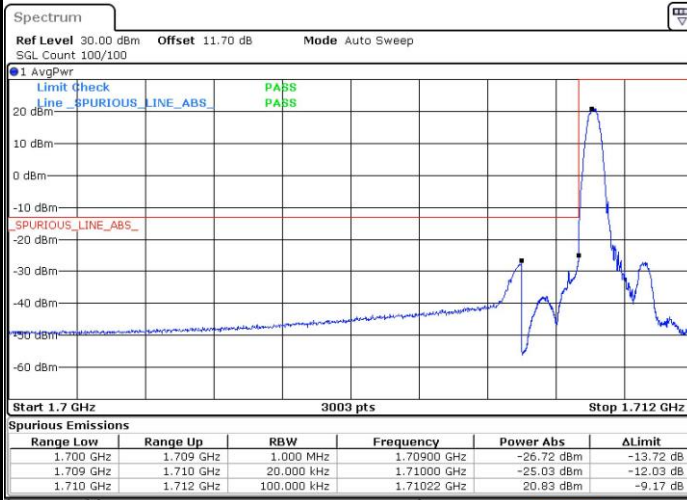


Conducted Band Edge



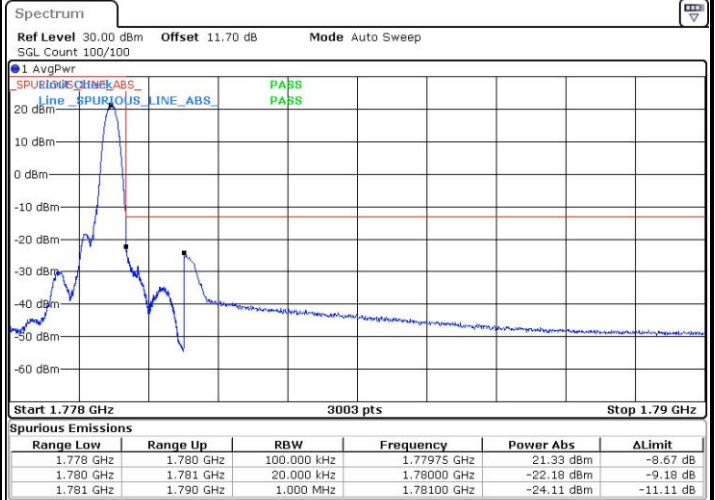
LTE Band 66 / 1.4MHz / QPSK

Lowest Band Edge / 1RB



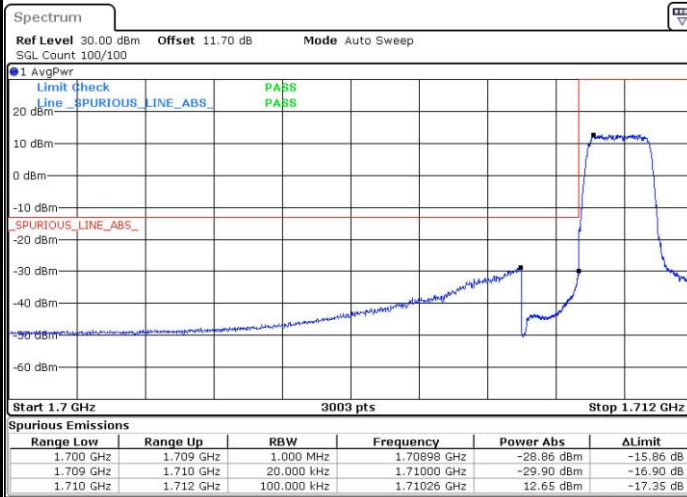
Date: 20.FEB.2017 15:48:04

Highest Band Edge / 1RB



Date: 20.FEB.2017 15:57:45

Lowest Band Edge / Full RB



Date: 20.FEB.2017 15:50:22

Highest Band Edge / Full RB

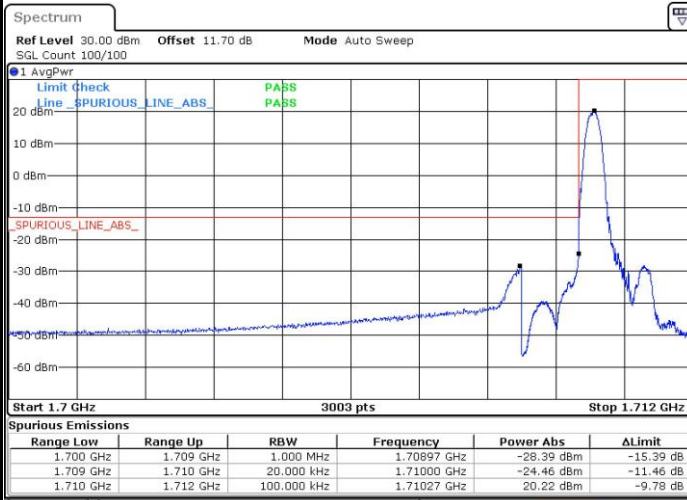


Date: 20.FEB.2017 16:00:03



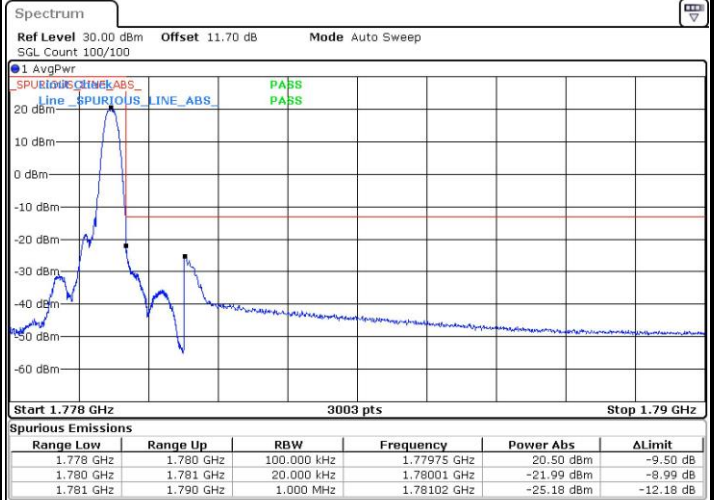
LTE Band 66 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



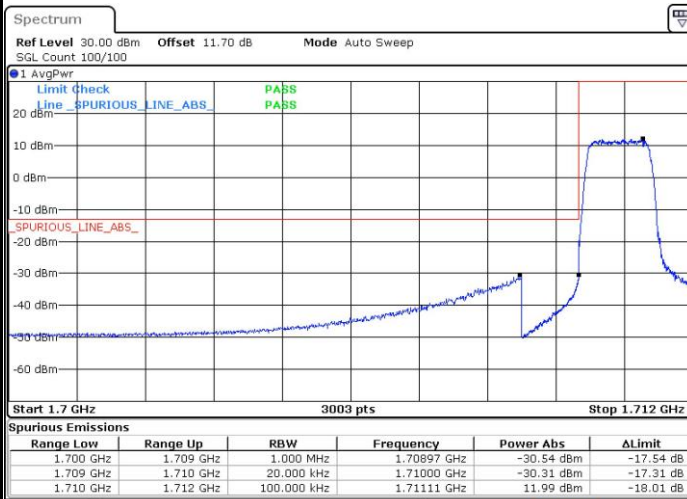
Date: 20.FEB.2017 15:49:13

Highest Band Edge / 1 RB



Date: 20.FEB.2017 15:58:54

Lowest Band Edge / Full RB



Date: 20.FEB.2017 15:51:31

Highest Band Edge / Full RB



Date: 20.FEB.2017 16:01:12