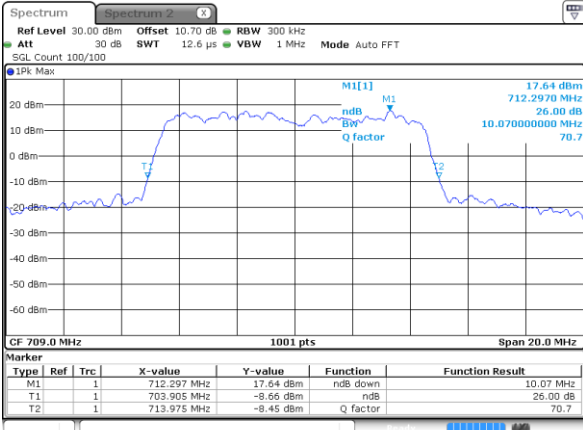


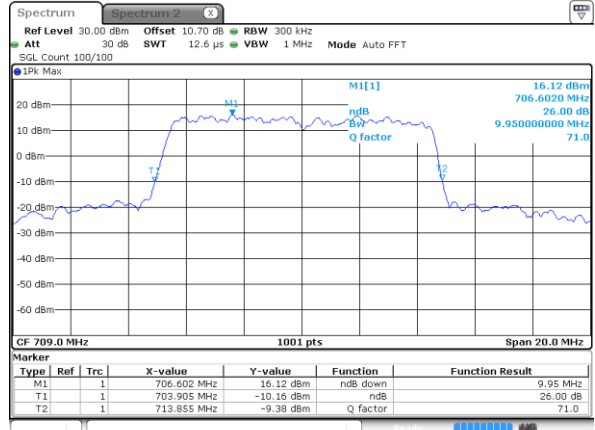


LTE Band 17

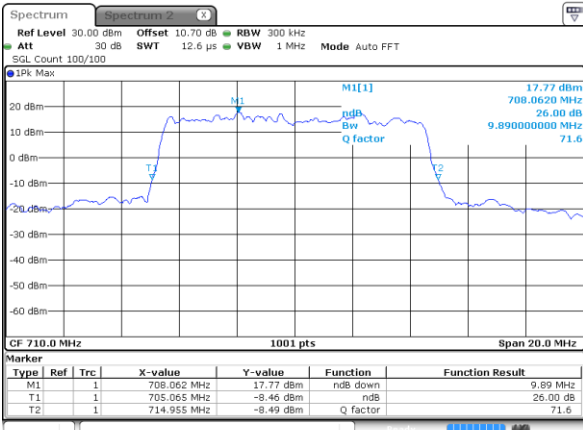
Lowest Channel / 10MHz / QPSK



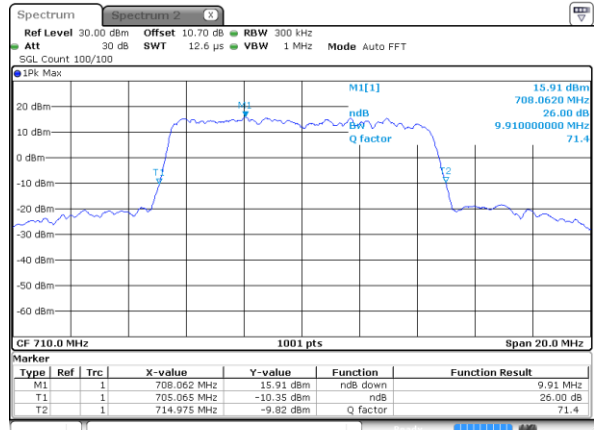
Lowest Channel / 10MHz / 16QAM



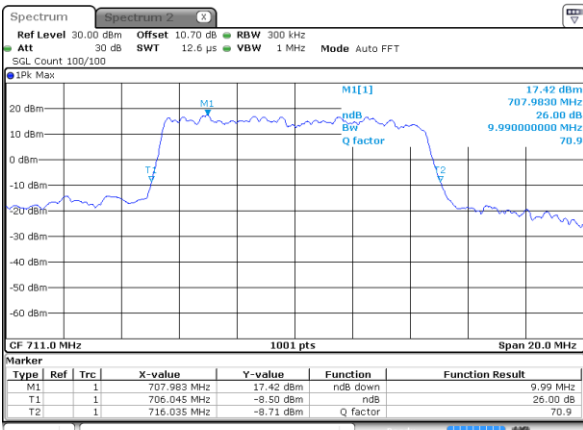
Middle Channel / 10MHz / QPSK



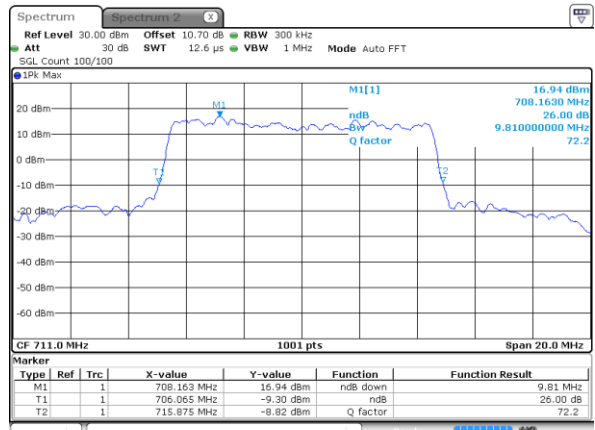
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



Highest Channel / 10MHz / 16QAM





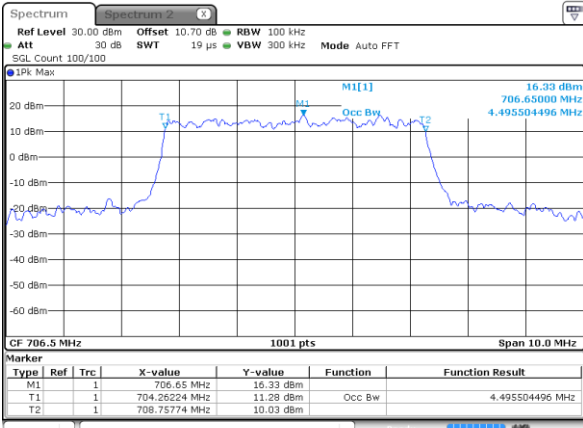
Occupied Bandwidth

Mode	LTE Band 17 : 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	-	-	-	-	4.5	4.49	9.11	9.07	-	-	-	-
Middle CH	-	-	-	-	4.5	4.5	9.11	9.05	-	-	-	-
Highest CH	-	-	-	-	4.51	4.49	8.97	9.09	-	-	-	-



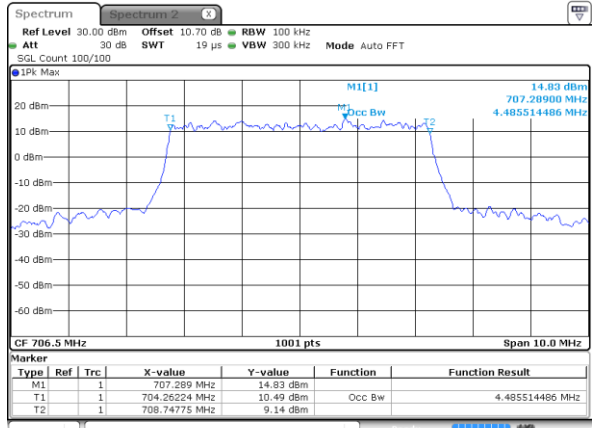
LTE Band 17

Lowest Channel / 5MHz / QPSK



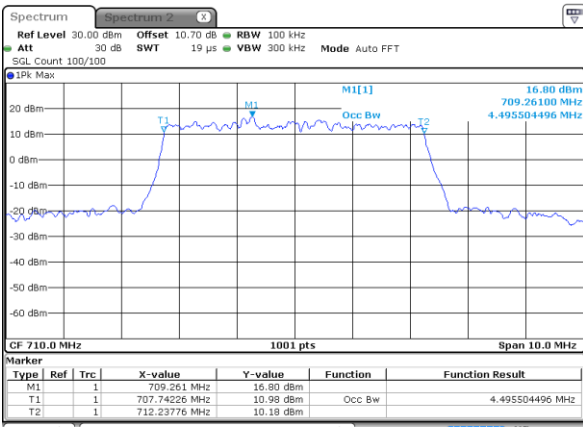
Date: 8 AUG 2017 22:44:58

Lowest Channel / 5MHz / 16QAM



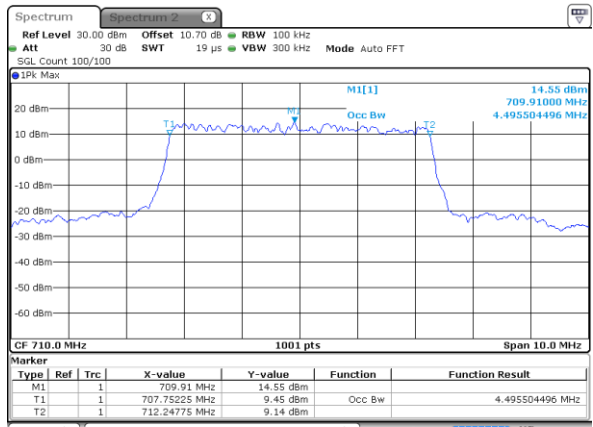
Date: 8 AUG 2017 22:45:08

Middle Channel / 5MHz / QPSK



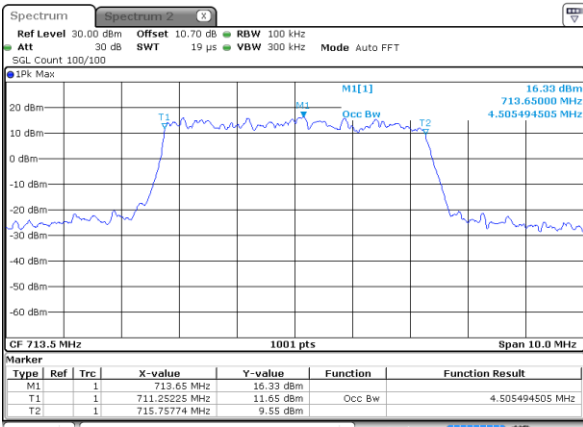
Date: 8 AUG 2017 22:52:00

Middle Channel / 5MHz / 16QAM



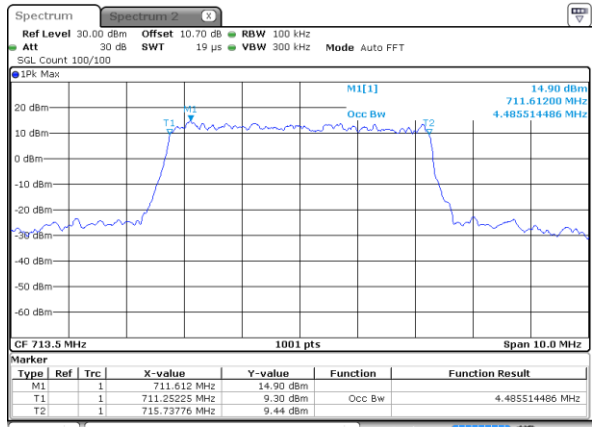
Date: 8 AUG 2017 22:52:10

Highest Channel / 5MHz / QPSK



Date: 8 AUG 2017 22:54:28

Highest Channel / 5MHz / 16QAM

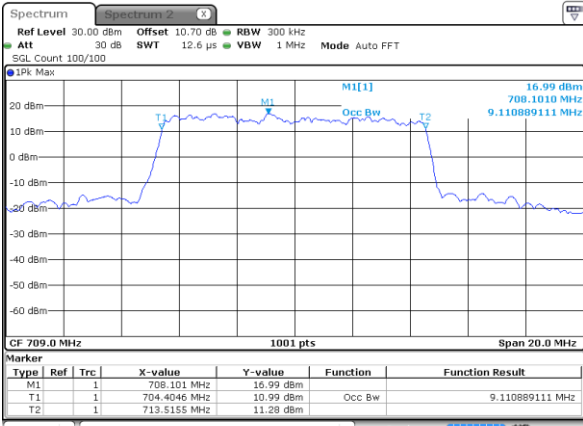


Date: 8 AUG 2017 22:54:38



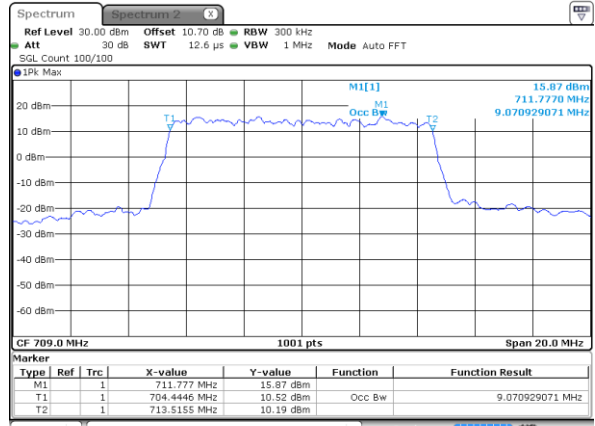
LTE Band 17

Lowest Channel / 10MHz / QPSK



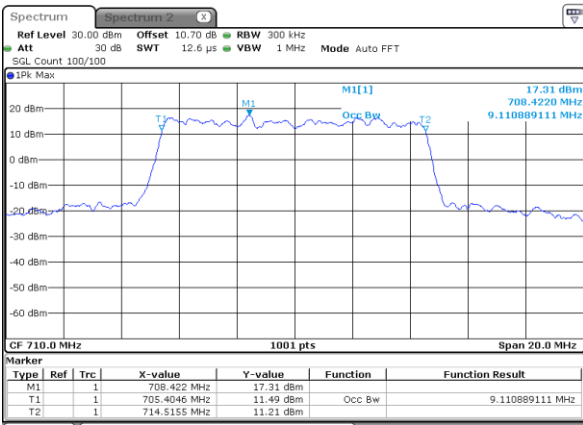
Date: 8 AUG 2017 23:01:30

Lowest Channel / 10MHz / 16QAM



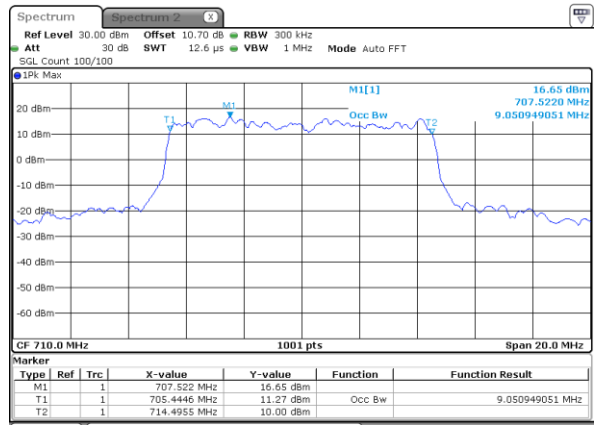
Date: 8 AUG 2017 23:01:40

Middle Channel / 10MHz / QPSK



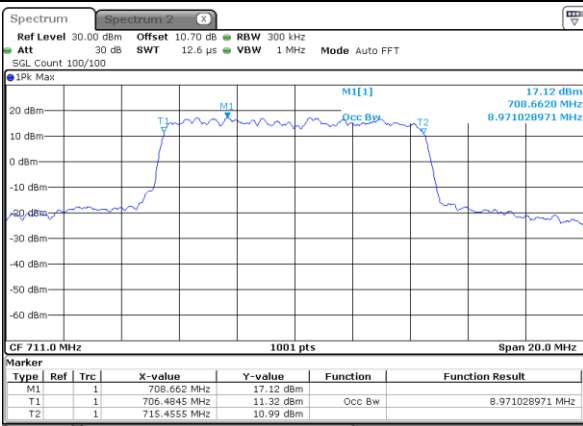
Date: 8 AUG 2017 23:08:32

Middle Channel / 10MHz / 16QAM



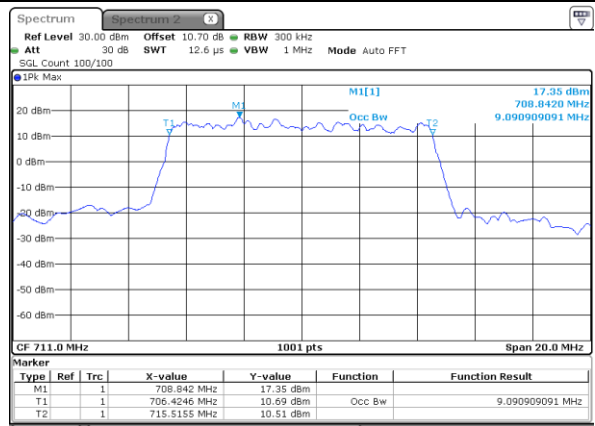
Date: 8 AUG 2017 23:08:42

Highest Channel / 10MHz / QPSK



Date: 8 AUG 2017 23:11:00

Highest Channel / 10MHz / 16QAM



Date: 8 AUG 2017 23:11:10

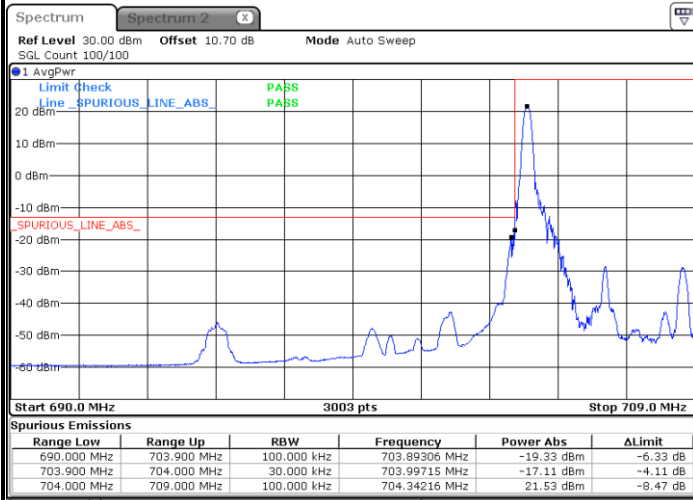


Conducted Band Edge



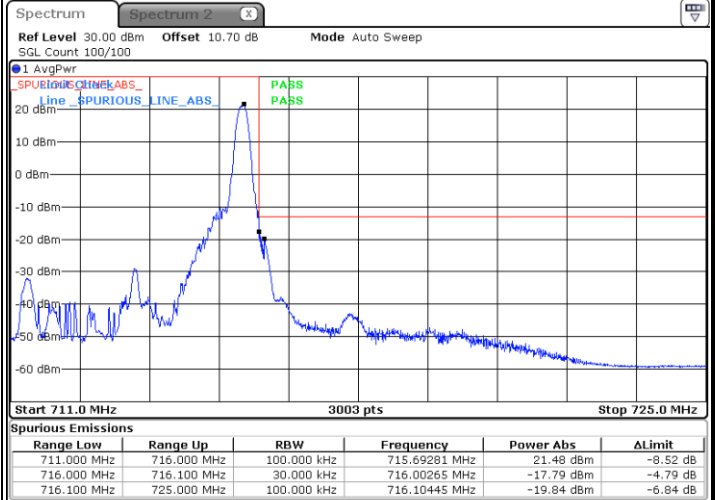
LTE Band 17 / 5MHz / QPSK

Lowest Band Edge / 1 RB



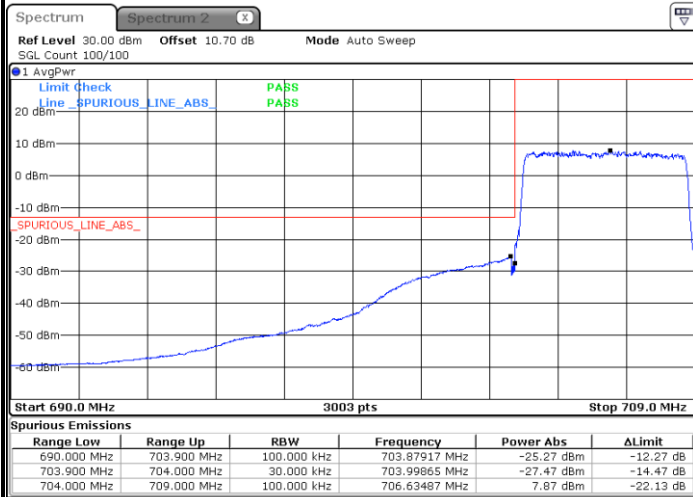
Date: 8 AUG 2017 22:46:36

Highest Band Edge / 1 RB



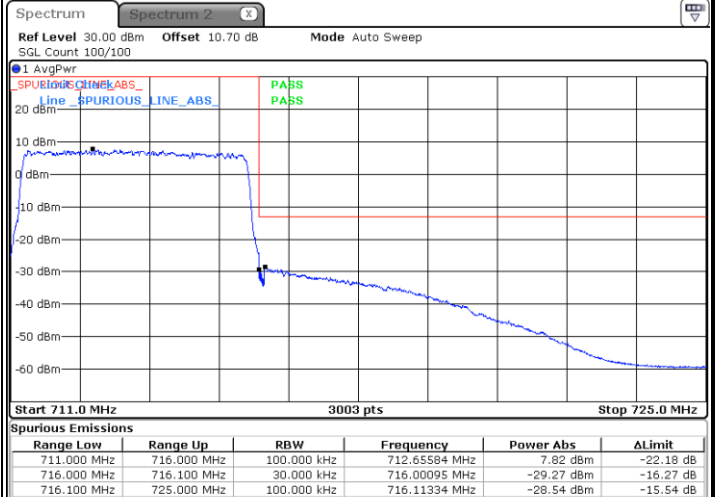
Date: 8 AUG 2017 22:56:06

Lowest Band Edge / Full RB



Date: 8 AUG 2017 22:48:53

Highest Band Edge / Full RB

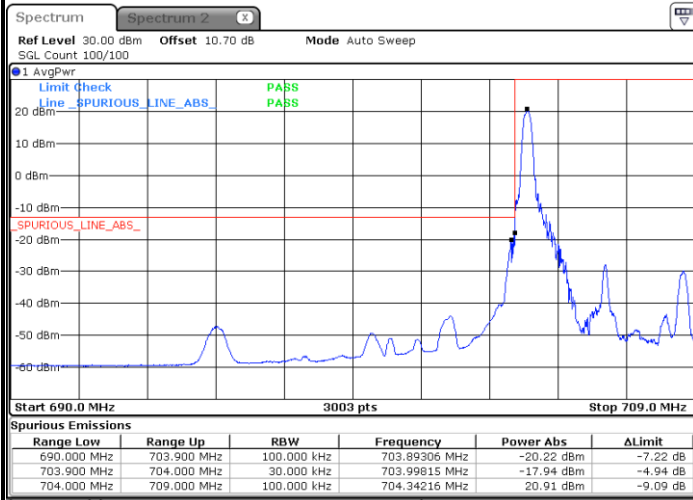


Date: 8 AUG 2017 22:58:23



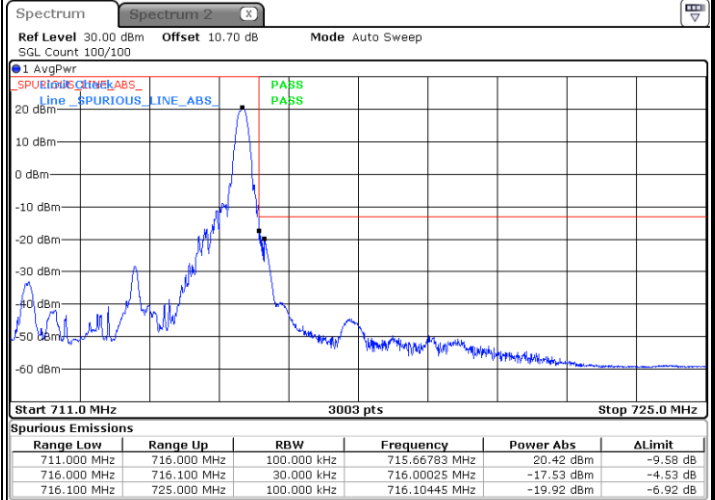
LTE Band 17 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



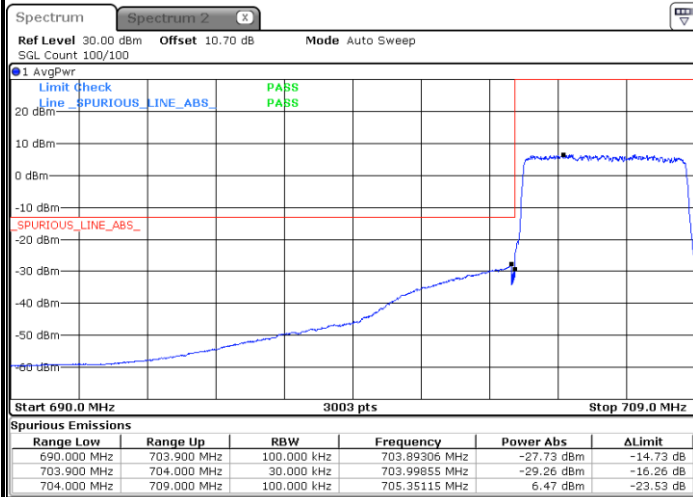
Date: 8 AUG 2017 22:47:45

Highest Band Edge / 1 RB



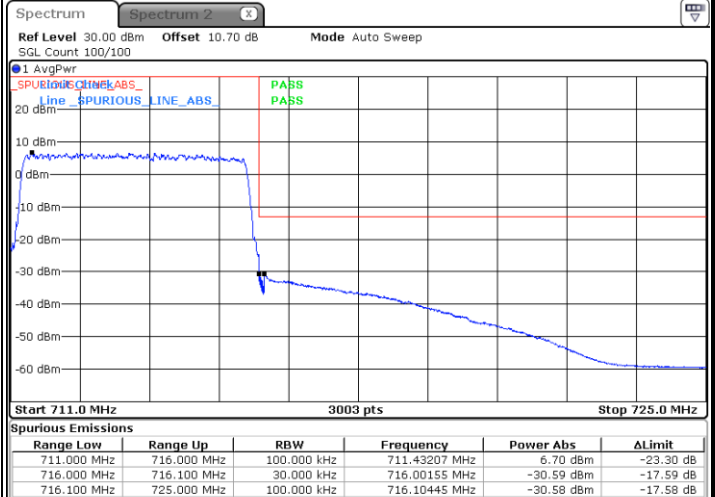
Date: 8 AUG 2017 22:57:15

Lowest Band Edge / Full RB



Date: 8 AUG 2017 22:50:02

Highest Band Edge / Full RB

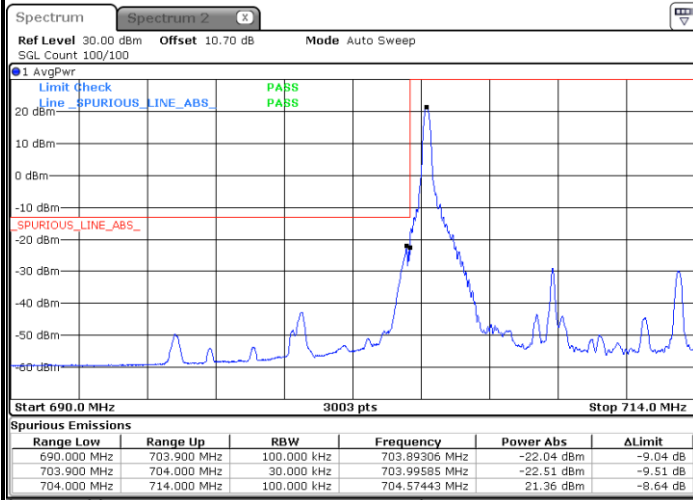


Date: 8 AUG 2017 22:59:32



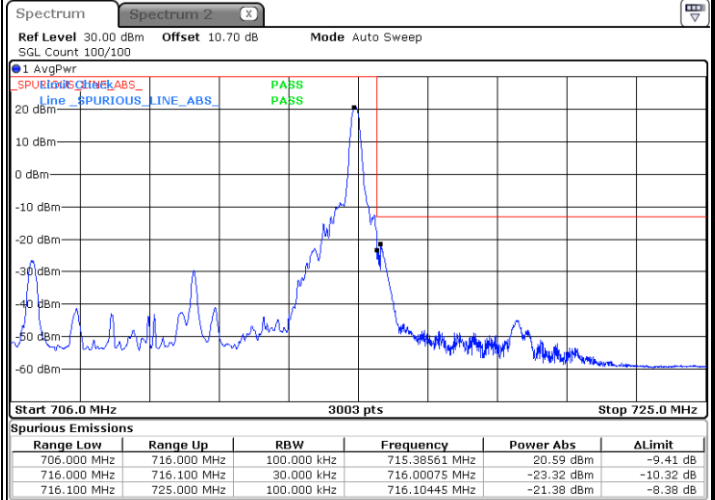
LTE Band 17 / 10MHz / QPSK

Lowest Band Edge / 1 RB



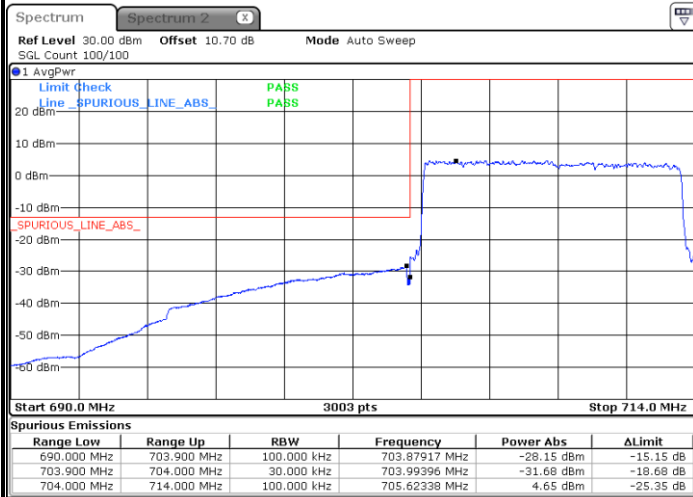
Date: 8 AUG 2017 23:03:09

Highest Band Edge / 1 RB



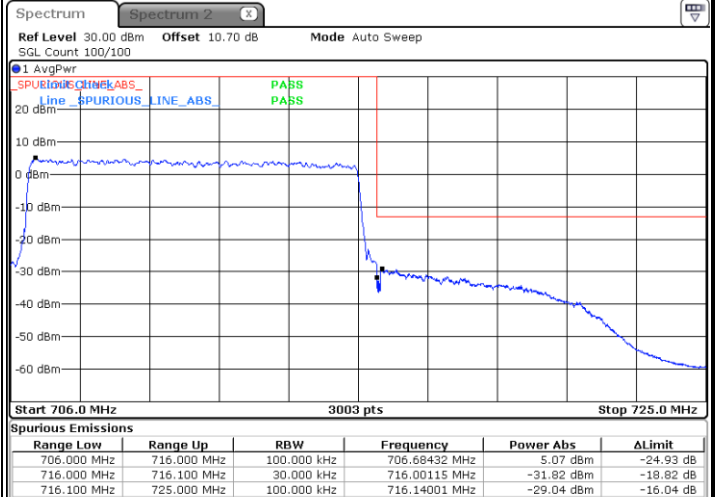
Date: 8 AUG 2017 23:12:38

Lowest Band Edge / Full RB



Date: 8 AUG 2017 23:05:26

Highest Band Edge / Full RB

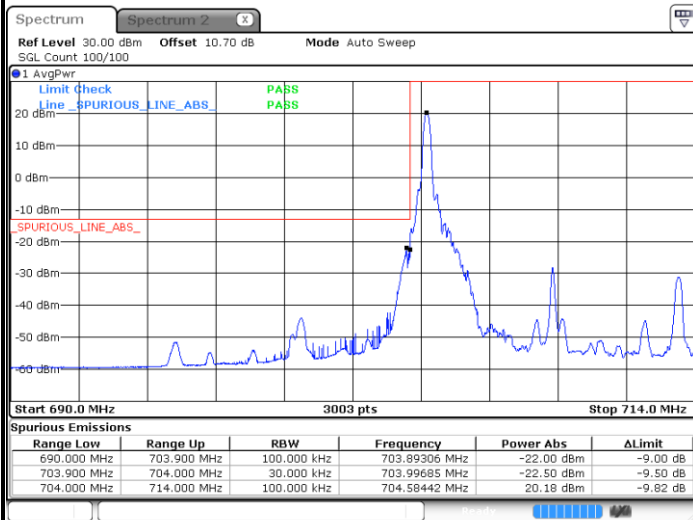


Date: 8 AUG 2017 23:14:56



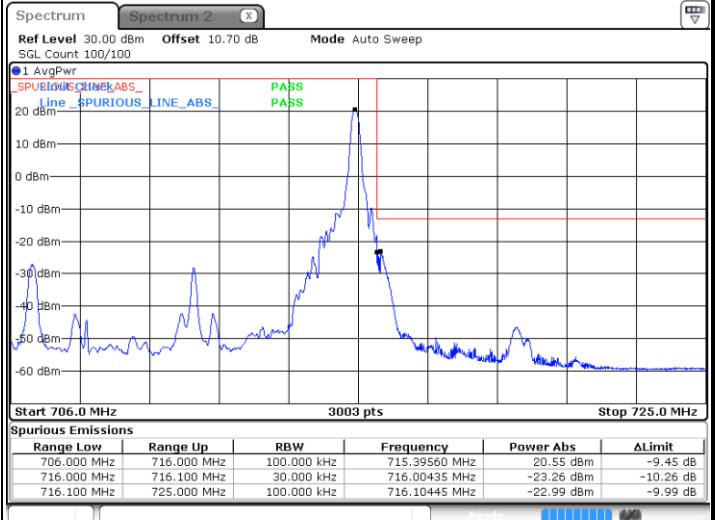
LTE Band 17 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



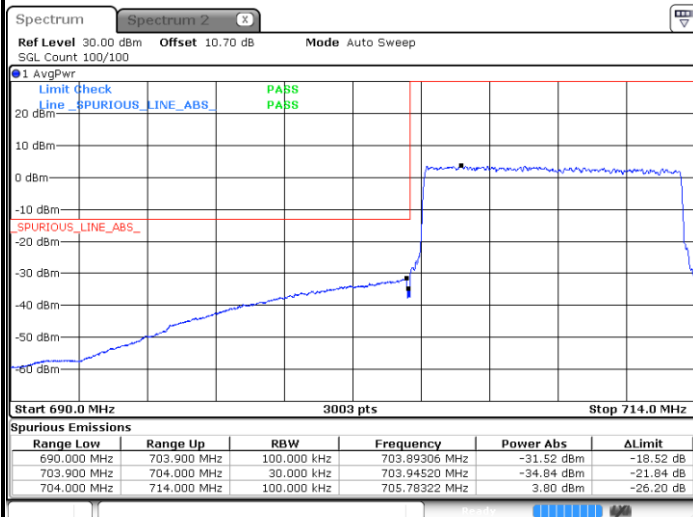
Date: 8 AUG 2017 23:04:17

Highest Band Edge / 1 RB



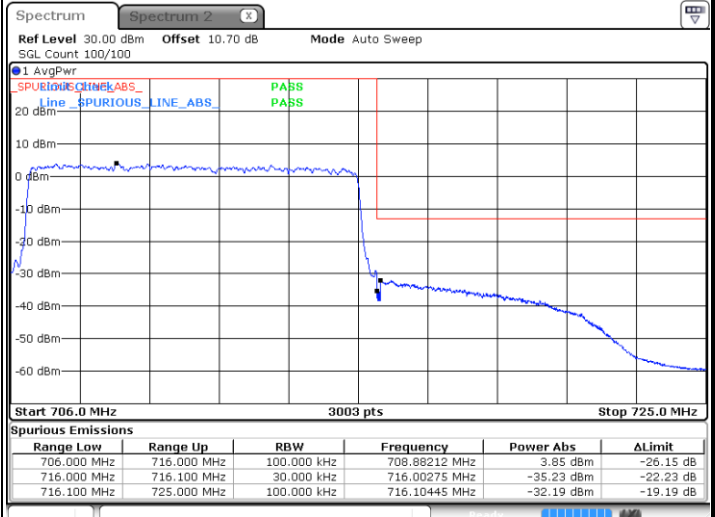
Date: 8 AUG 2017 23:13:47

Lowest Band Edge / Full RB



Date: 8 AUG 2017 23:06:35

Highest Band Edge / Full RB



Date: 8 AUG 2017 23:16:05



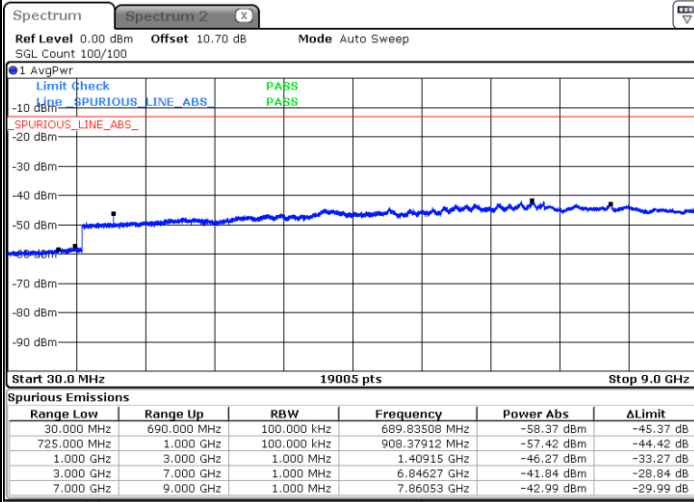
Conducted Spurious Emission



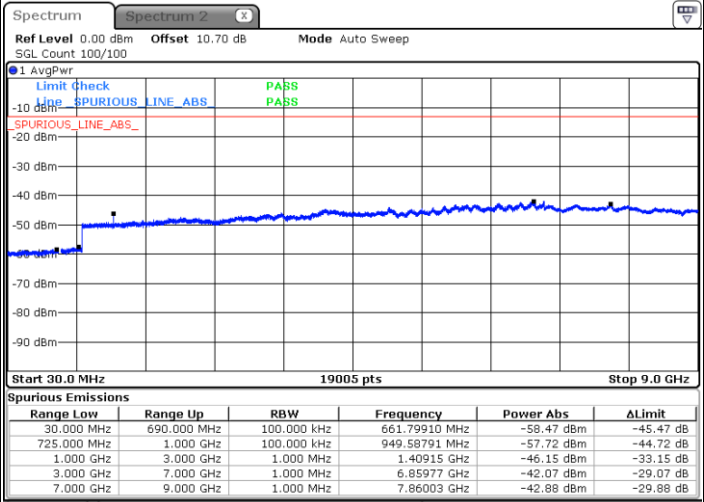
LTE Band 17 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



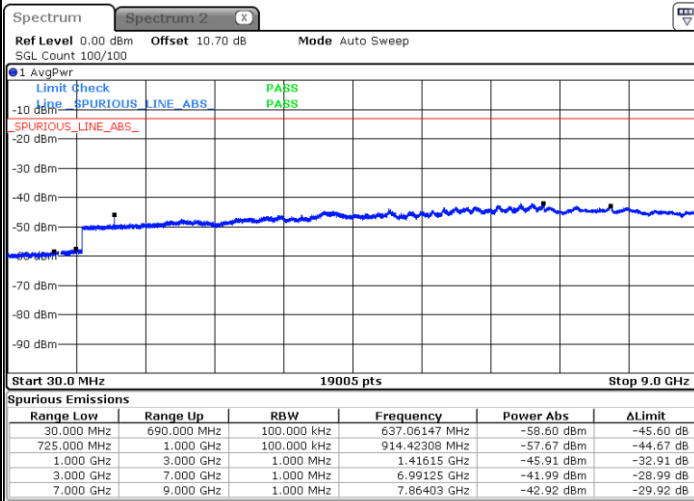
Date: 8 AUG.2017 22:50:56



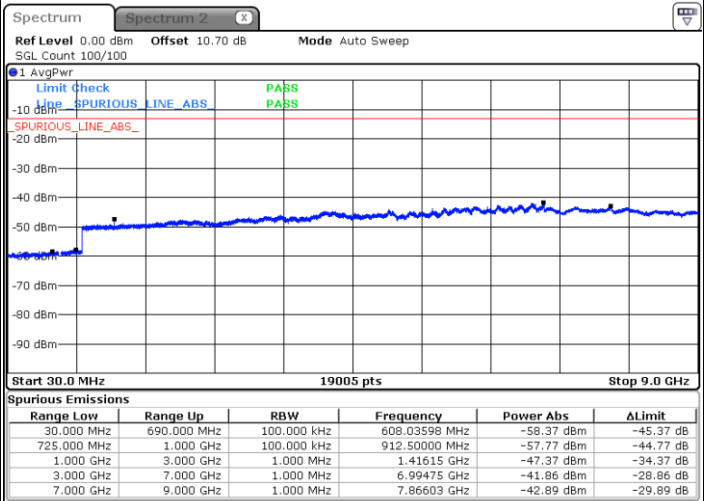
Date: 8 AUG.2017 22:51:50

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 8 AUG.2017 22:53:24

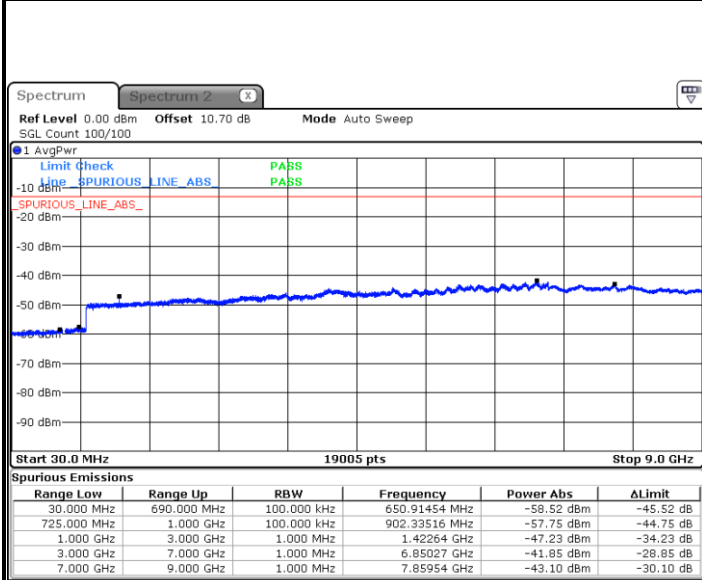


Date: 8 AUG.2017 22:54:18



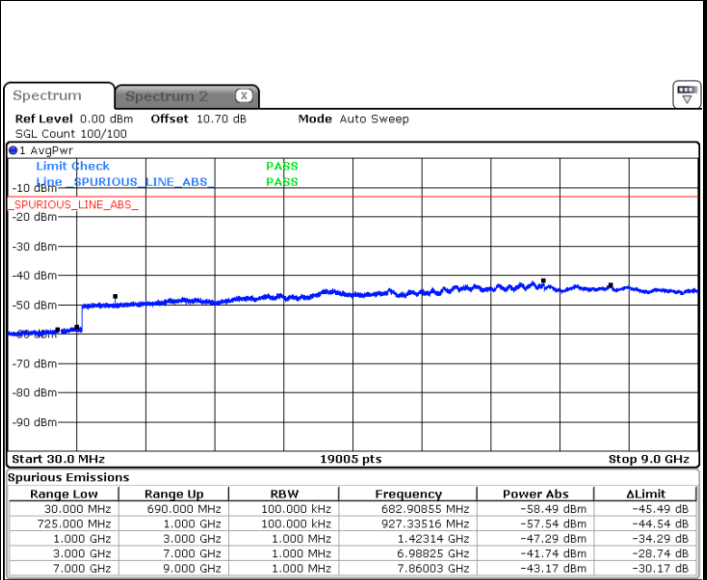
LTE Band 17 / 5MHz

Highest Channel / QPSK



Date: 8 AUG.2017 23:00:27

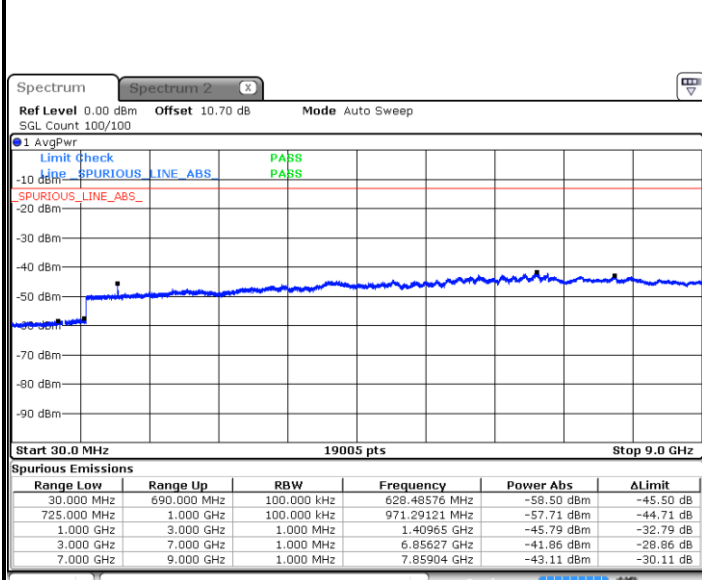
Highest Channel / 16QAM



Date: 8 AUG.2017 23:01:20

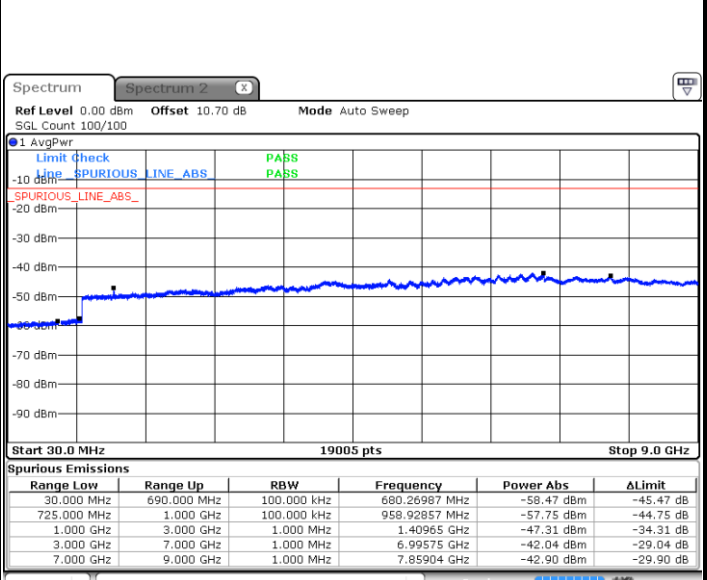
LTE Band 17 / 10MHz

Lowest Channel / QPSK



Date: 8 AUG.2017 23:07:29

Lowest Channel / 16QAM

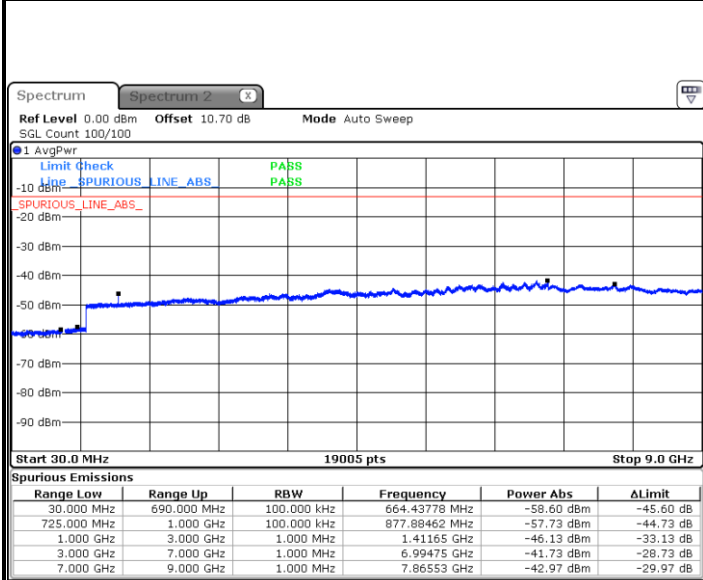


Date: 8 AUG.2017 23:08:23



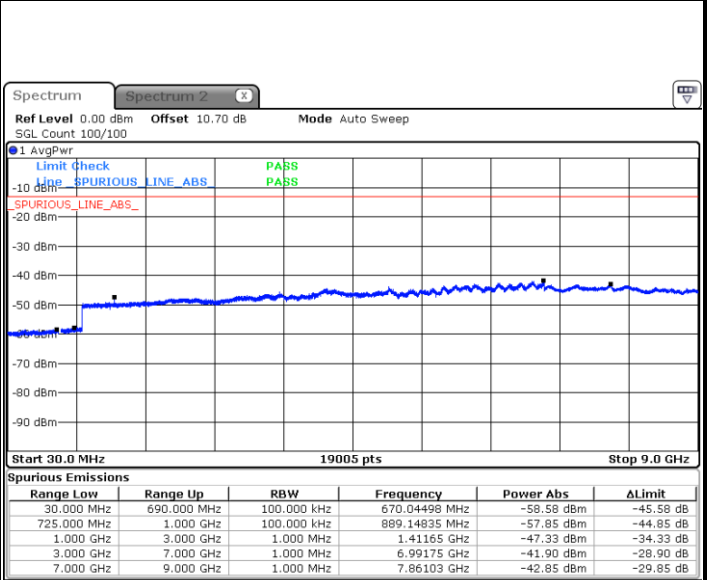
LTE Band 17 / 10MHz

Middle Channel / QPSK



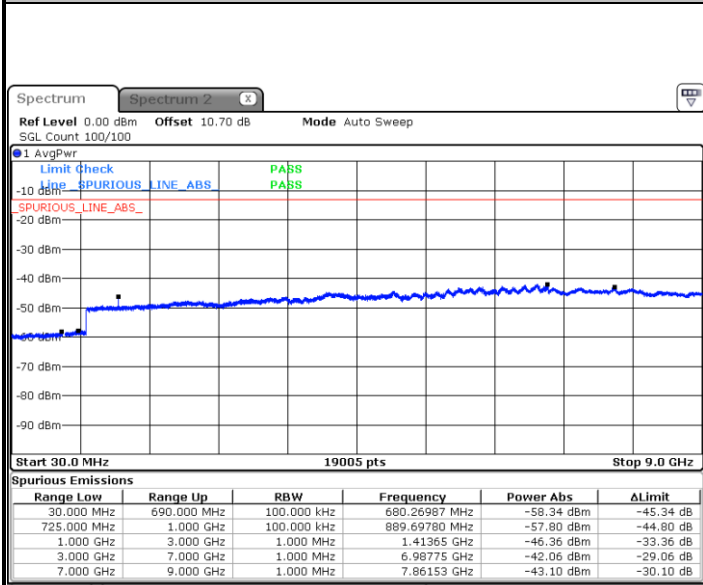
Date: 8 AUG.2017 23:09:56

Middle Channel / 16QAM



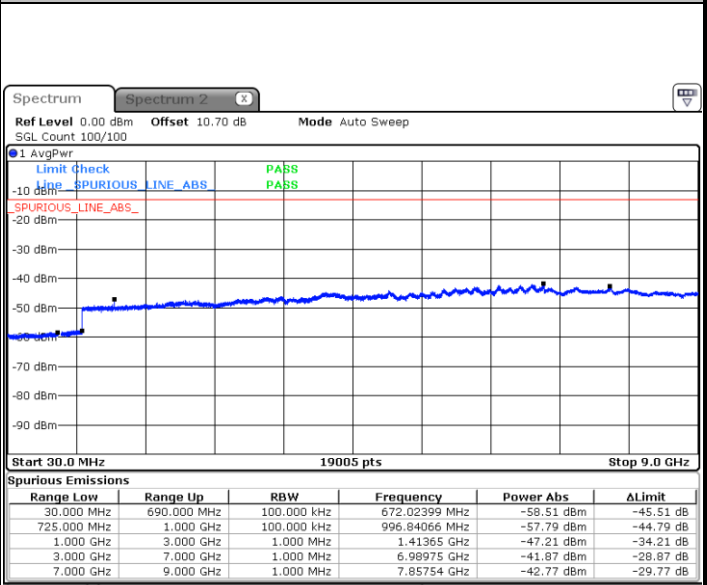
Date: 8 AUG.2017 23:10:50

Highest Channel / QPSK



Date: 8 AUG.2017 23:33:32

Highest Channel / 16QAM



Date: 8 AUG.2017 23:34:26



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	0.0031	PASS
40	Normal Voltage	0.0083	
30	Normal Voltage	0.0028	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0038	
0	Normal Voltage	0.0093	
-10	Normal Voltage	0.0000	
-20	Normal Voltage	0.0094	
-30	Normal Voltage	0.0037	
20	Maximum Voltage	0.0008	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0003	

Note:

1. Normal Voltage =4.0 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 66

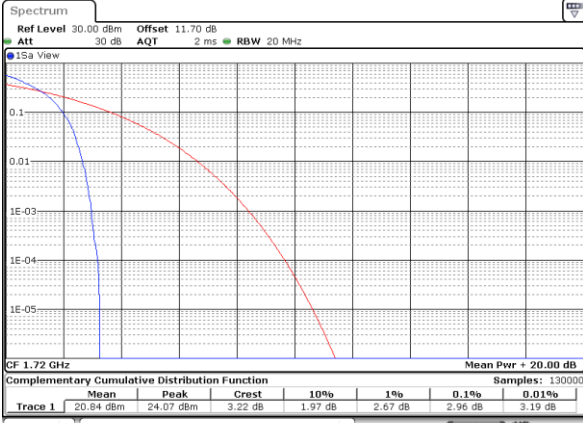
Peak-to-Average Ratio

Mode	LTE Band 66 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	2.96	4.72	4.12	5.65	PASS
Middle CH	3.65	4.96	4.72	5.77	
Highest CH	4.14	5.07	5.07	6.06	



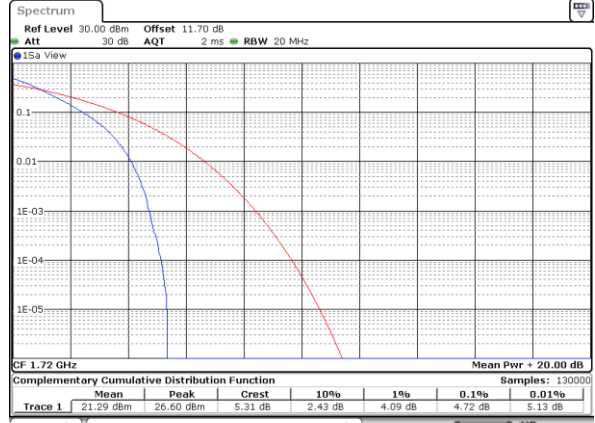
LTE Band 66 / 20MHz / QPSK

Lowest Channel / 1RB



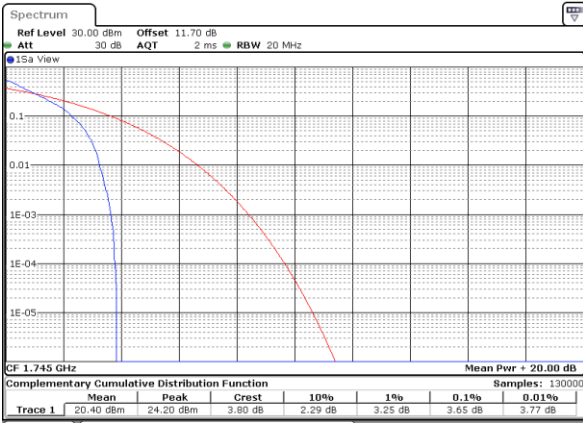
Date: 9 AUG 2017 16:25:27

Lowest Channel / Full RB



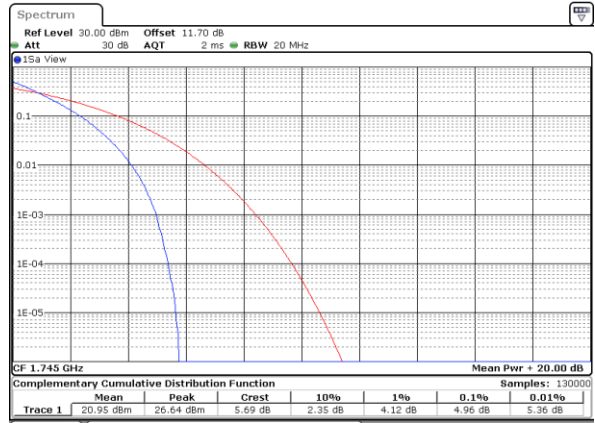
Date: 9 AUG 2017 16:26:09

Middle Channel / 1RB



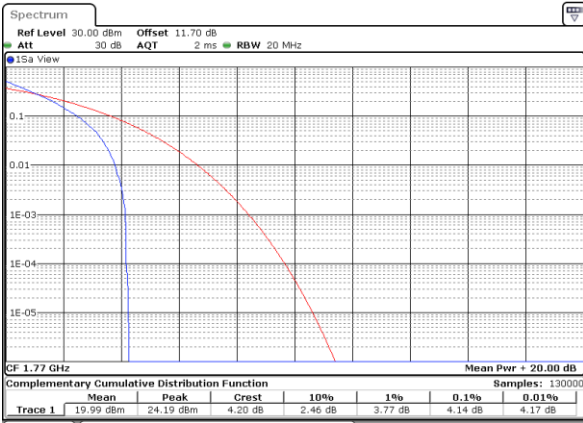
Date: 9 AUG 2017 16:26:18

Middle Channel / Full RB



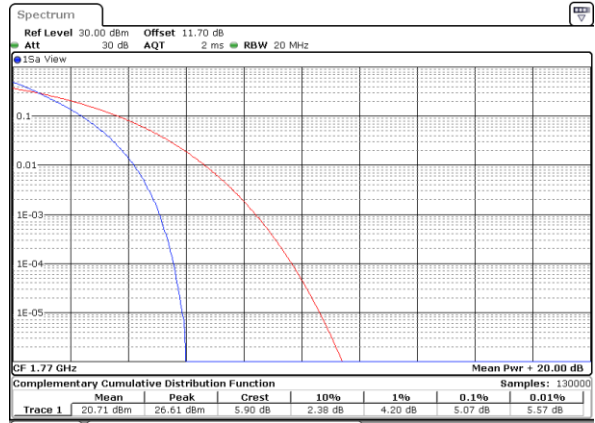
Date: 9 AUG 2017 16:26:27

Highest Channel / 1RB



Date: 9 AUG 2017 16:26:36

Highest Channel / Full RB

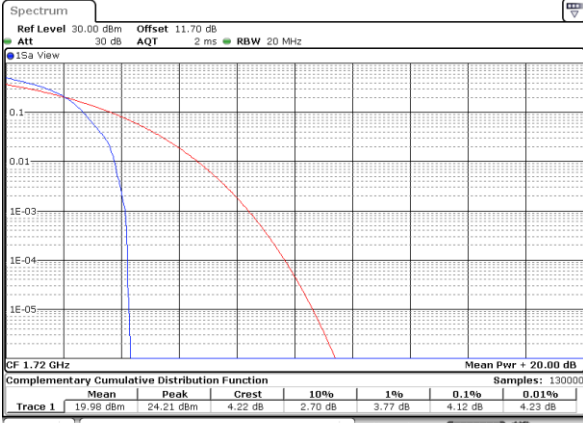


Date: 9 AUG 2017 16:26:45



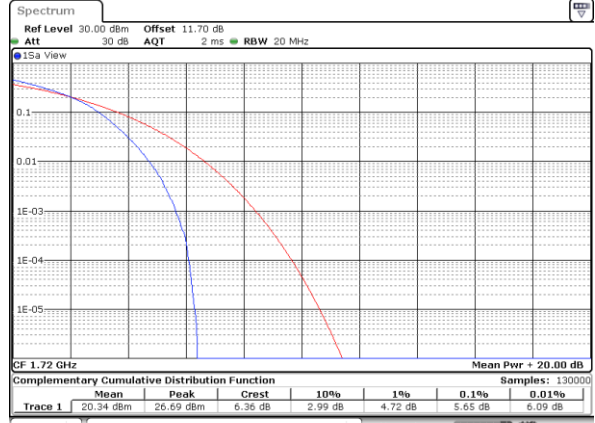
LTE Band 66 / 20MHz / 16QAM

Lowest Channel / 1RB



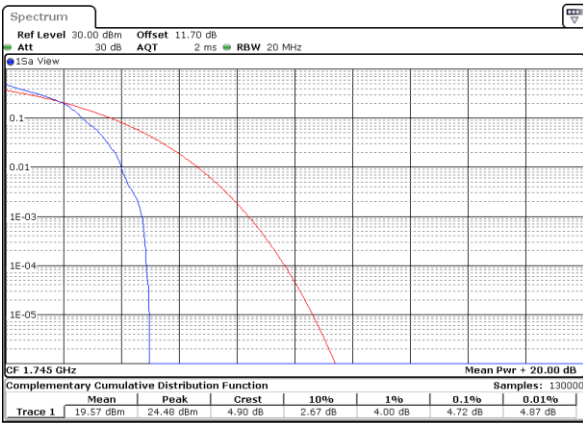
Date: 9 AUG 2017 16:18:47

Lowest Channel / Full RB



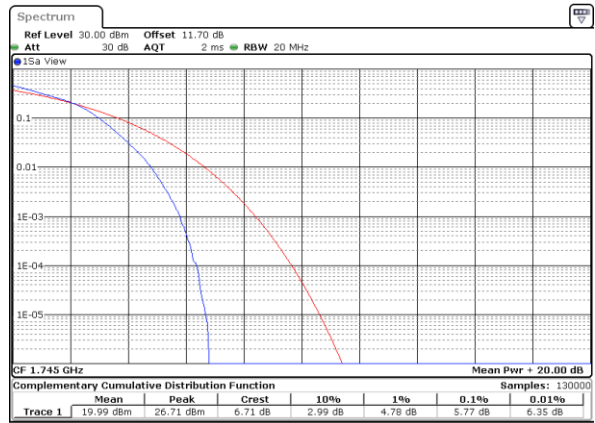
Date: 9 AUG 2017 16:20:23

Middle Channel / 1RB



Date: 9 AUG 2017 16:20:48

Middle Channel / Full RB



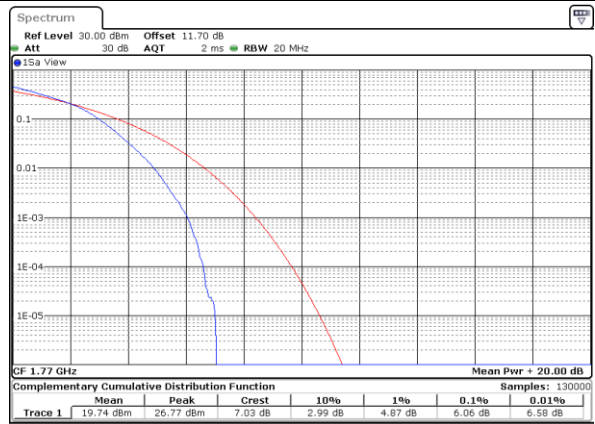
Date: 9 AUG 2017 16:23:59

Highest Channel / 1RB



Date: 9 AUG 2017 16:24:54

Highest Channel / Full RB



Date: 9 AUG 2017 16:25:10



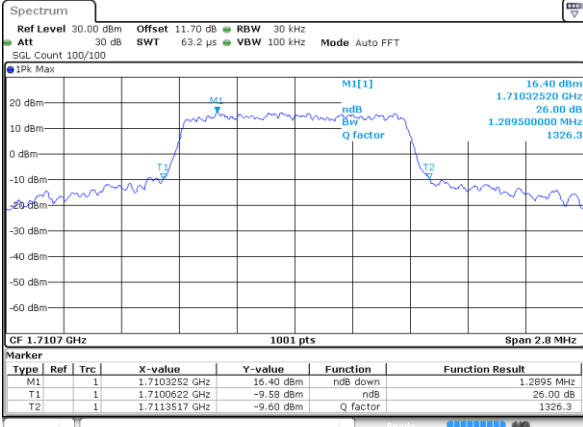
26dB Bandwidth

Mode	LTE Band 66 : 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	1.29	1.26	2.96	3.05	4.95	4.98	9.91	9.85	14.30	14.48	20.14	20.14
Middle CH	1.22	1.26	2.95	2.99	4.83	4.94	9.83	10.05	14.75	14.60	20.46	20.22
Highest CH	1.25	1.27	2.96	3.06	5.01	4.96	9.89	9.83	14.45	14.48	20.46	20.10



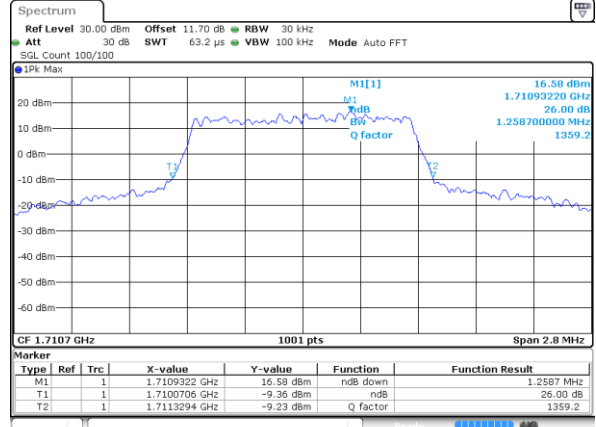
LTE Band 66

Lowest Channel / 1.4MHz / QPSK



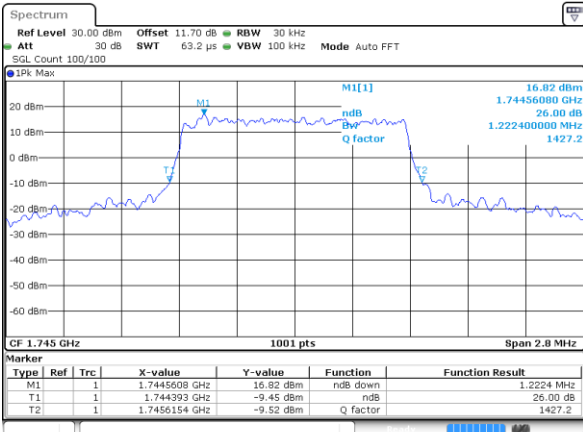
Date: 9 AUG 2017 14:29:25

Lowest Channel / 1.4MHz / 16QAM



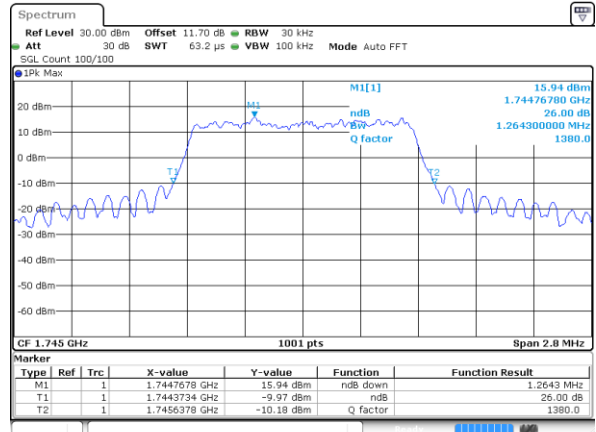
Date: 9 AUG 2017 14:29:35

Middle Channel / 1.4MHz / QPSK



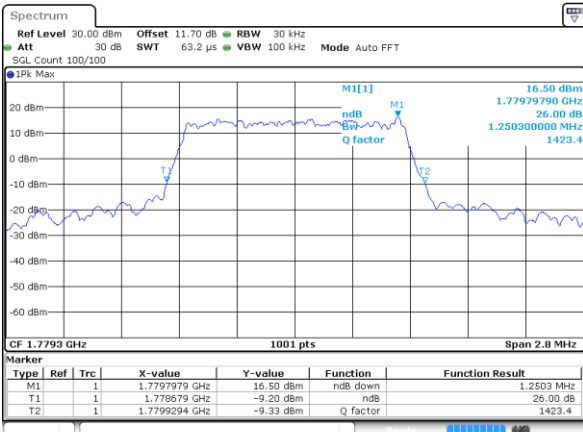
Date: 9 AUG 2017 14:36:29

Middle Channel / 1.4MHz / 16QAM



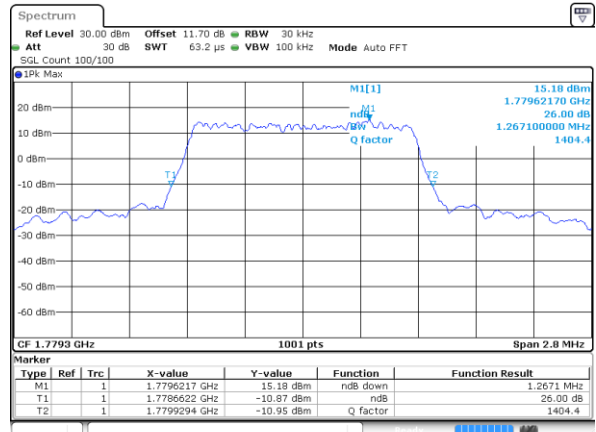
Date: 9 AUG 2017 14:36:39

Highest Channel / 1.4MHz / QPSK



Date: 9 AUG 2017 14:38:59

Highest Channel / 1.4MHz / 16QAM

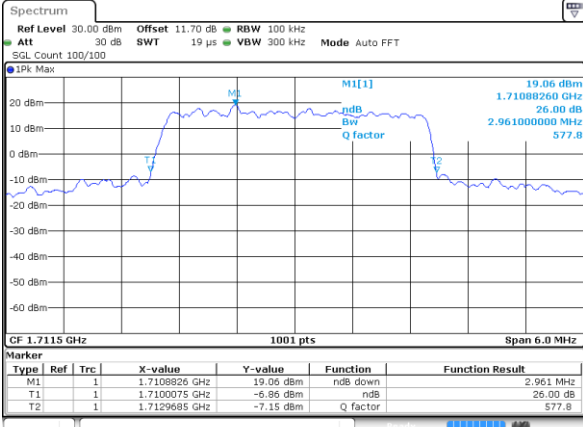


Date: 9 AUG 2017 14:39:09



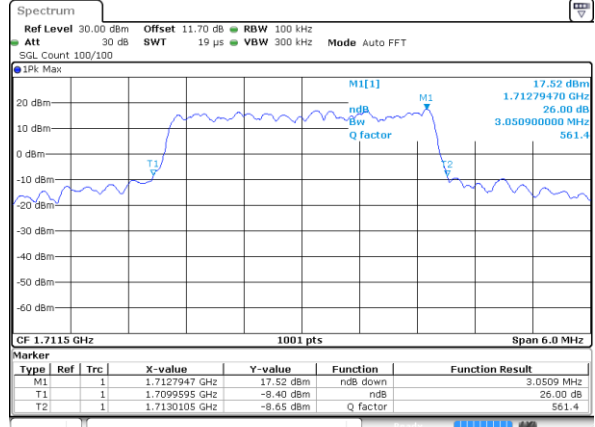
LTE Band 66

Lowest Channel / 3MHz / QPSK



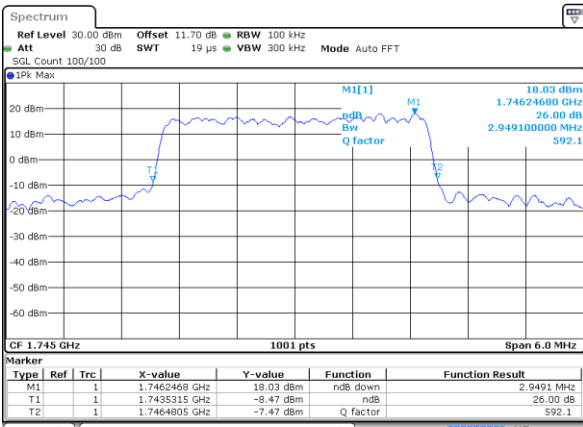
Date: 9 AUG 2017 14:46:02

Lowest Channel / 3MHz / 16QAM



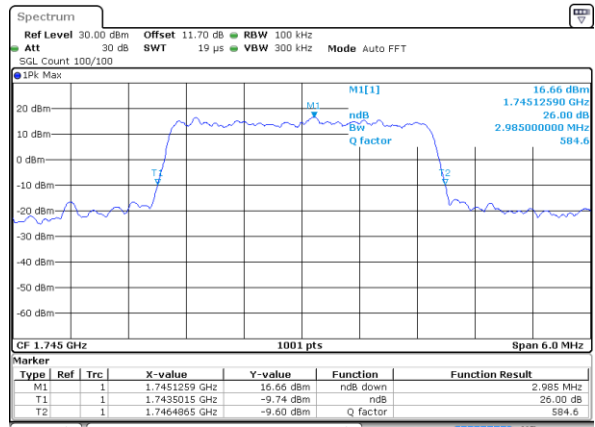
Date: 9 AUG 2017 14:46:12

Middle Channel / 3MHz / QPSK



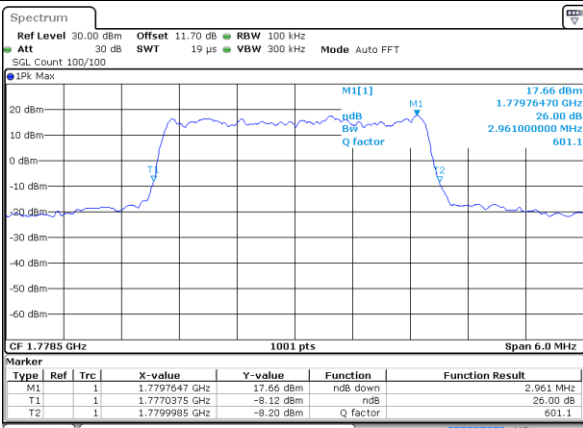
Date: 9 AUG 2017 14:53:07

Middle Channel / 3MHz / 16QAM



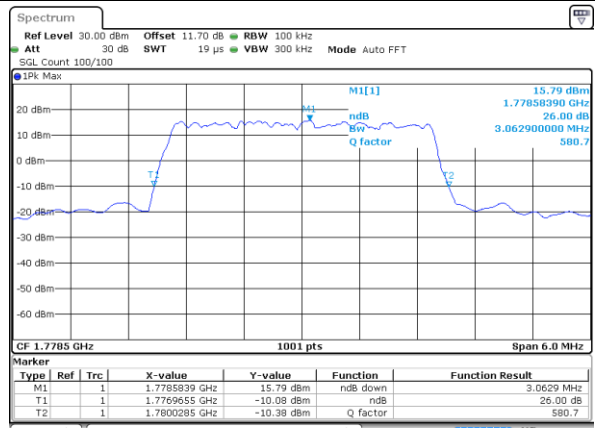
Date: 9 AUG 2017 14:53:17

Highest Channel / 3MHz / QPSK



Date: 9 AUG 2017 14:55:36

Highest Channel / 3MHz / 16QAM

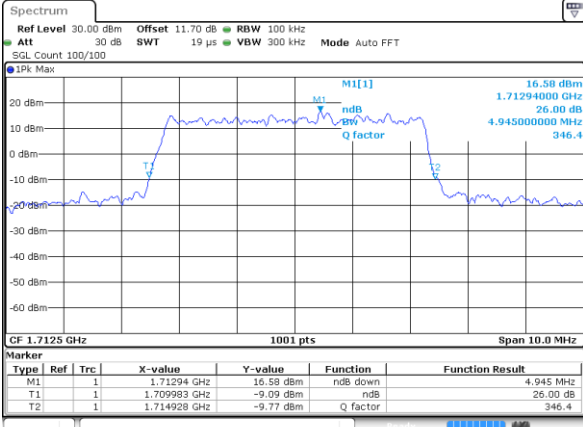


Date: 9 AUG 2017 14:55:46



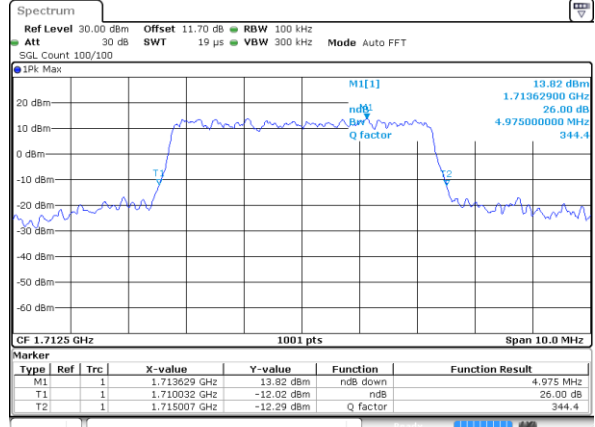
LTE Band 66

Lowest Channel / 5MHz / QPSK



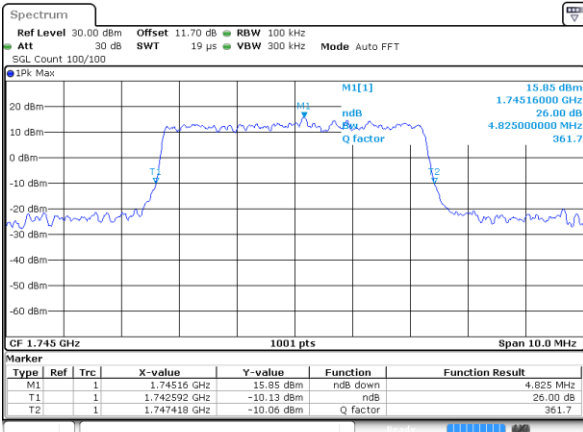
Date: 9 AUG 2017 15:02:40

Lowest Channel / 5MHz / 16QAM



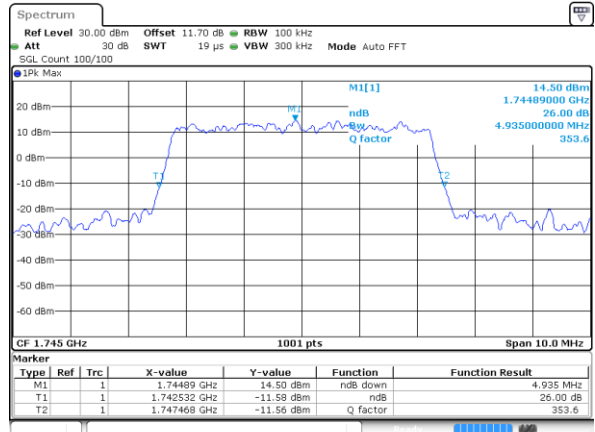
Date: 9 AUG 2017 15:02:50

Middle Channel / 5MHz / QPSK



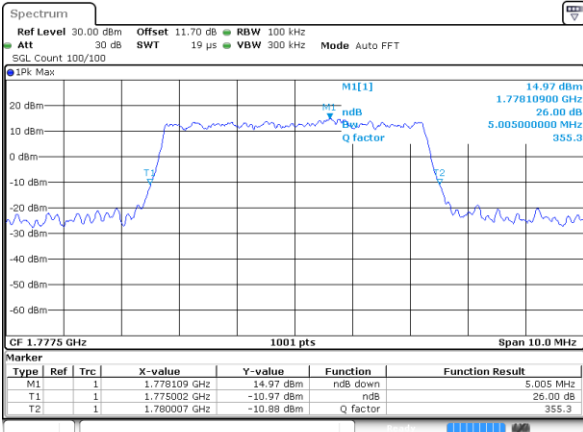
Date: 9 AUG 2017 15:09:44

Middle Channel / 5MHz / 16QAM



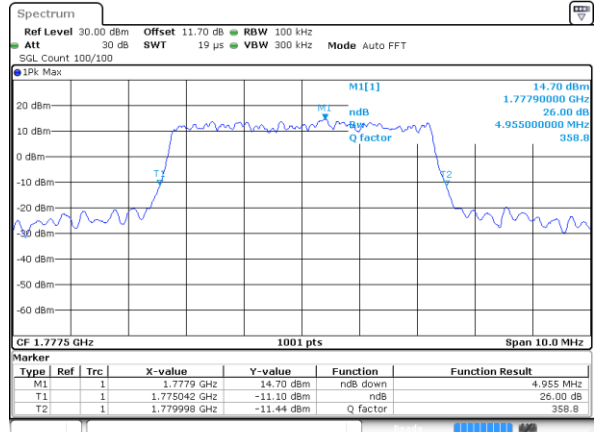
Date: 9 AUG 2017 15:09:54

Highest Channel / 5MHz / QPSK



Date: 9 AUG 2017 15:12:13

Highest Channel / 5MHz / 16QAM

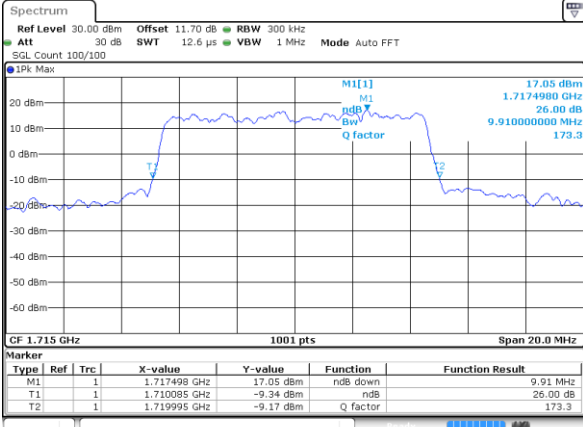


Date: 9 AUG 2017 15:12:23



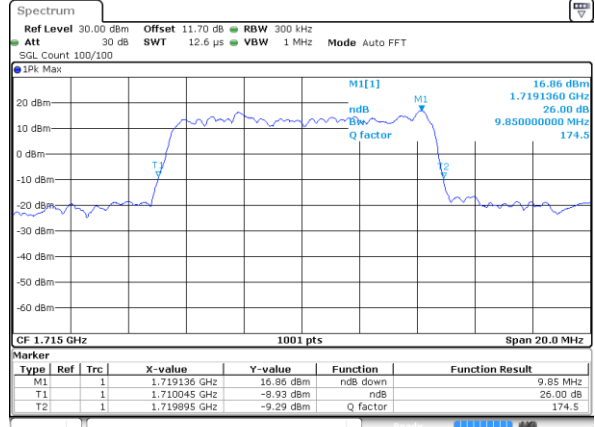
LTE Band 66

Lowest Channel / 10MHz / QPSK



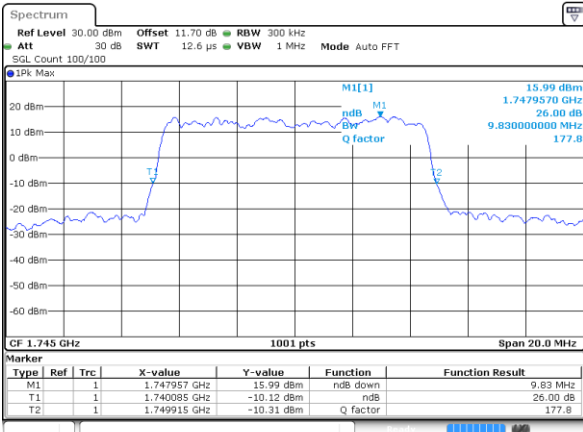
Date: 9 AUG 2017 15:19:17

Lowest Channel / 10MHz / 16QAM



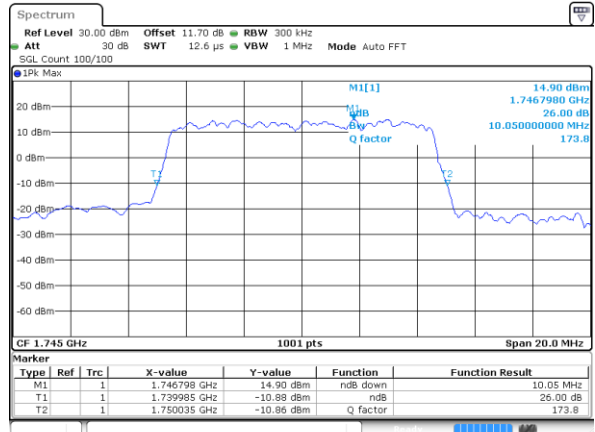
Date: 9 AUG 2017 15:19:27

Middle Channel / 10MHz / QPSK



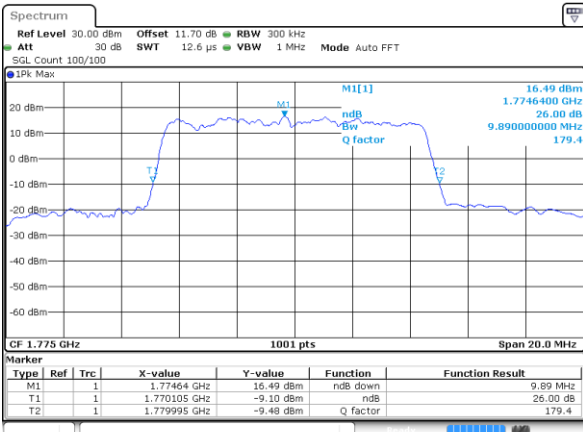
Date: 9 AUG 2017 15:26:21

Middle Channel / 10MHz / 16QAM



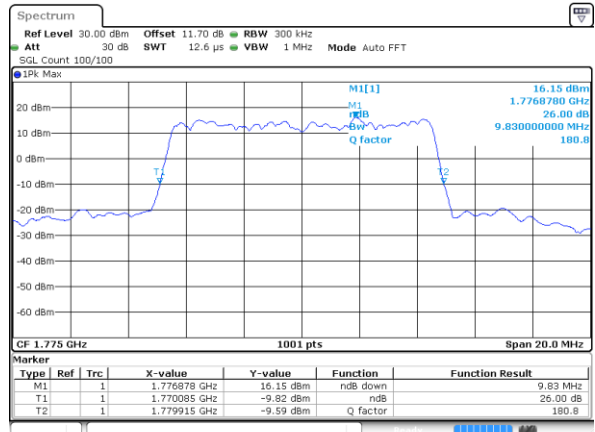
Date: 9 AUG 2017 15:26:31

Highest Channel / 10MHz / QPSK



Date: 9 AUG 2017 15:28:51

Highest Channel / 10MHz / 16QAM

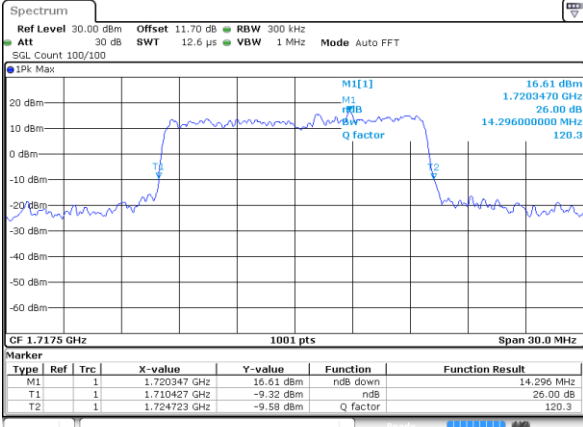


Date: 9 AUG 2017 15:29:01



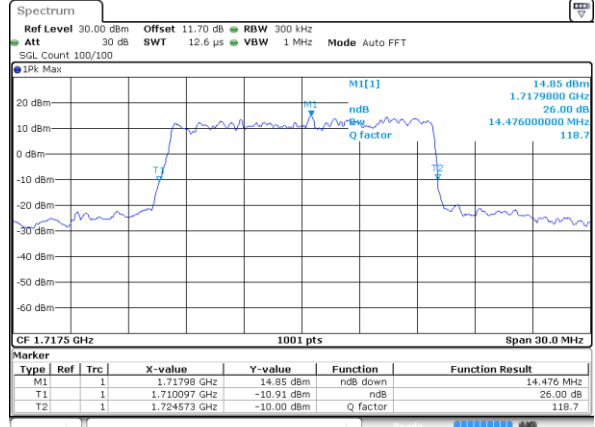
LTE Band 66

Lowest Channel / 15MHz / QPSK



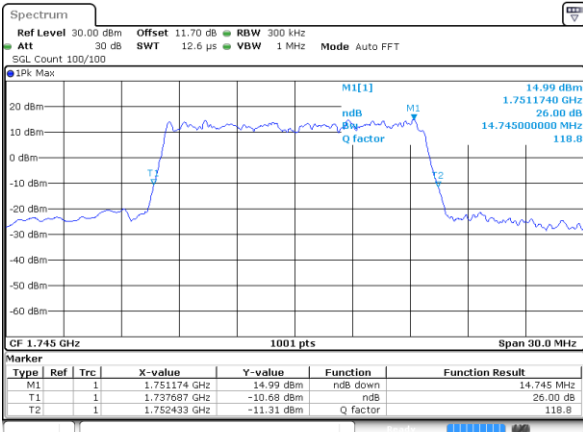
Date: 9 AUG 2017 15:35:55

Lowest Channel / 15MHz / 16QAM



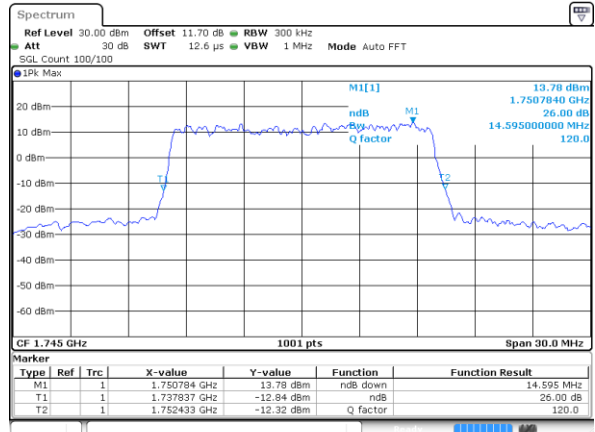
Date: 9 AUG 2017 15:36:05

Middle Channel / 15MHz / QPSK



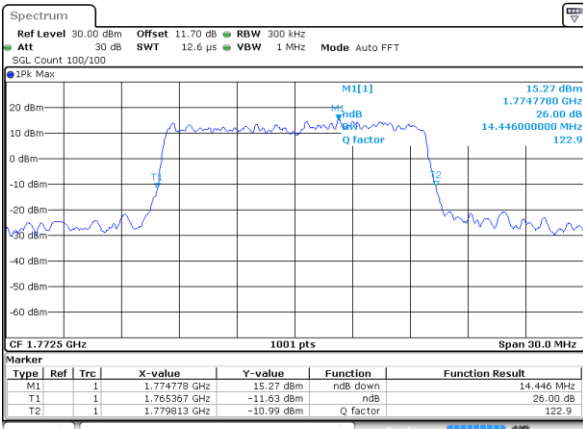
Date: 9 AUG 2017 15:42:59

Middle Channel / 15MHz / 16QAM



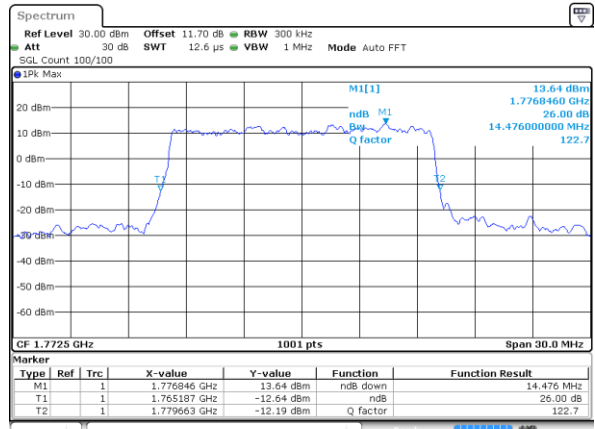
Date: 9 AUG 2017 15:43:09

Highest Channel / 15MHz / QPSK



Date: 9 AUG 2017 15:45:28

Highest Channel / 15MHz / 16QAM

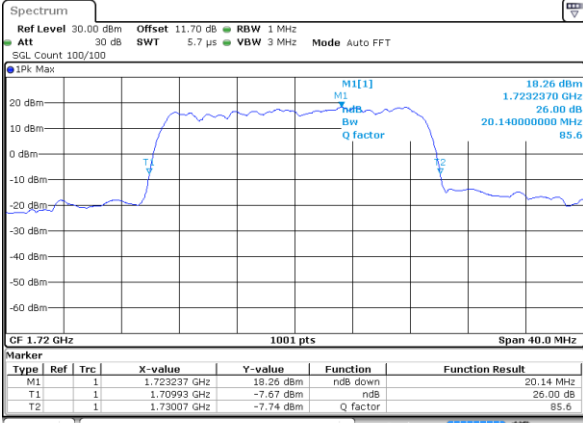


Date: 9 AUG 2017 15:45:38



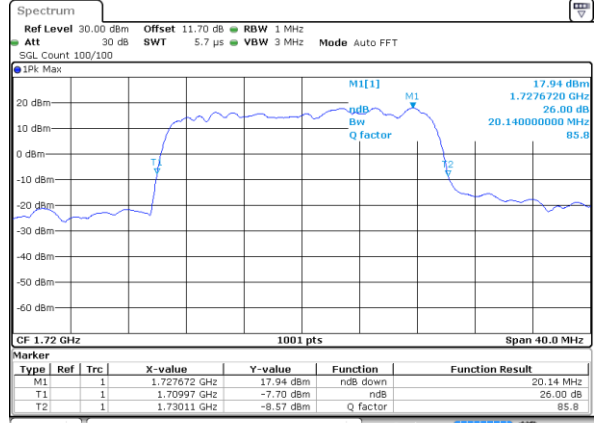
LTE Band 66

Lowest Channel / 20MHz / QPSK



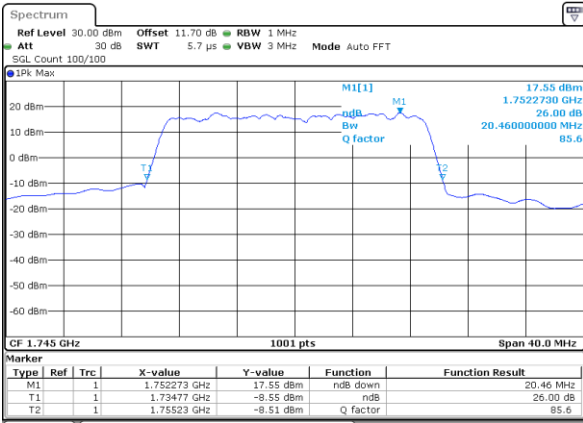
Date: 9 AUG 2017 15:52:32

Lowest Channel / 20MHz / 16QAM



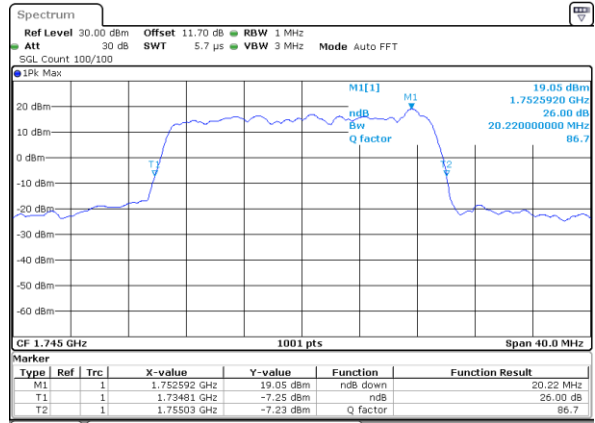
Date: 9 AUG 2017 15:52:42

Middle Channel / 20MHz / QPSK



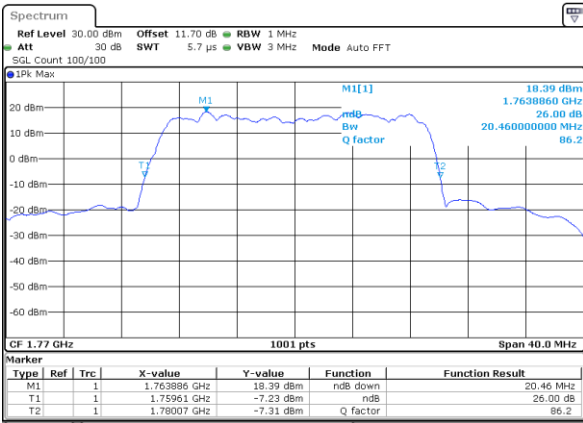
Date: 9 AUG 2017 15:59:36

Middle Channel / 20MHz / 16QAM



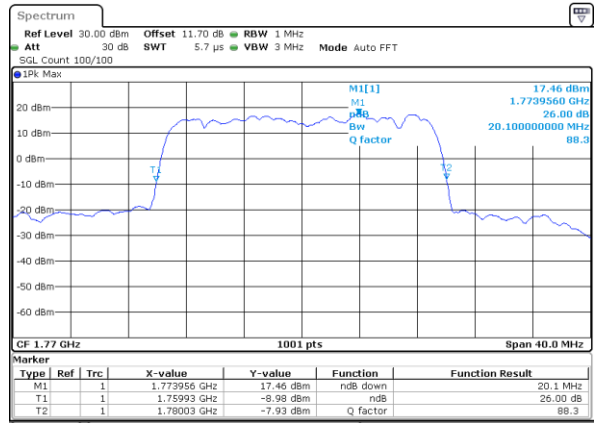
Date: 9 AUG 2017 15:59:46

Highest Channel / 20MHz / QPSK



Date: 9 AUG 2017 16:02:05

Highest Channel / 20MHz / 16QAM



Date: 9 AUG 2017 16:02:15



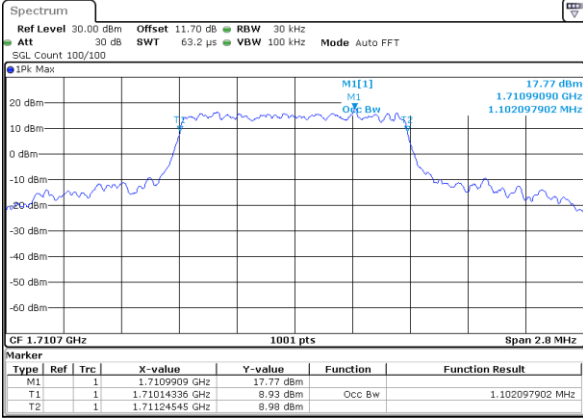
Occupied Bandwidth

Mode	LTE Band 66 : 99%OBW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
BW												
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.1	1.1	2.75	2.73	4.48	4.48	9.05	9.05	13.46	13.52	18.46	18.26
Middle CH	1.1	1.1	2.72	2.72	4.49	4.49	8.99	9.05	13.49	13.55	18.38	18.5
Highest CH	1.1	1.1	2.72	2.7	4.5	4.49	9.03	9.07	13.46	13.46	18.38	18.38



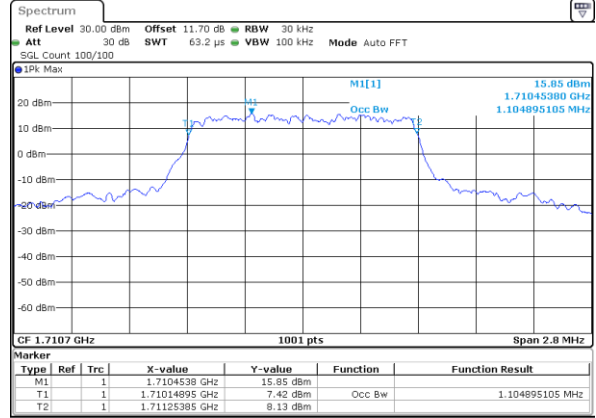
LTE Band 66

Lowest Channel / 1.4MHz / QPSK



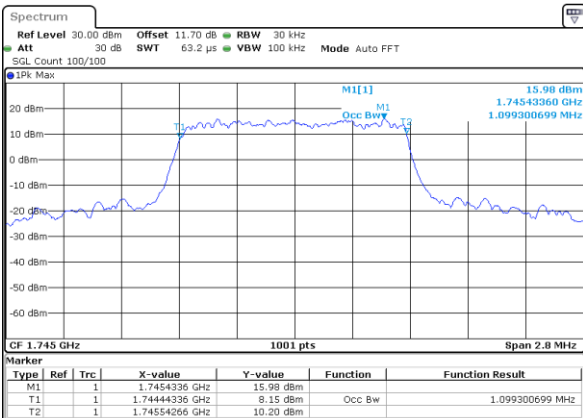
Date: 9 AUG 2017 14:29:05

Lowest Channel / 1.4MHz / 16QAM



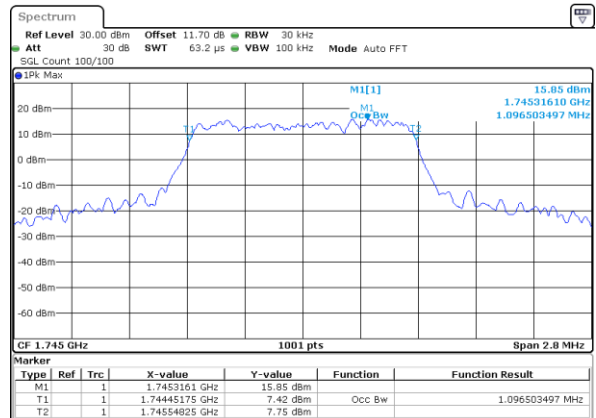
Date: 9 AUG 2017 14:29:15

Middle Channel / 1.4MHz / QPSK



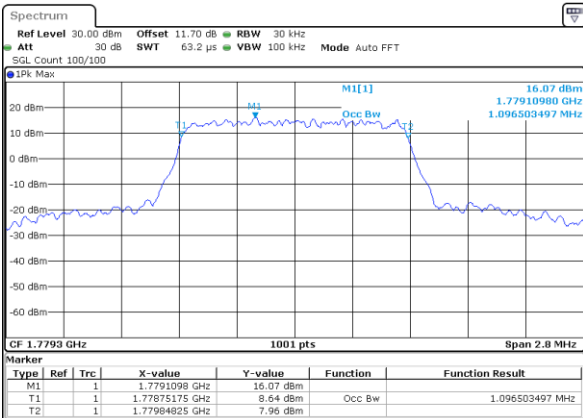
Date: 9 AUG 2017 14:36:09

Middle Channel / 1.4MHz / 16QAM



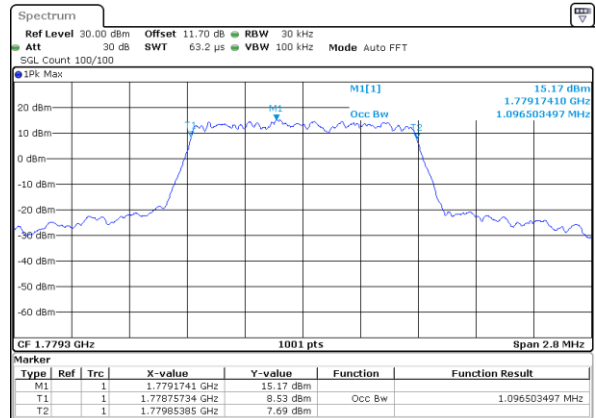
Date: 9 AUG 2017 14:36:19

Highest Channel / 1.4MHz / QPSK



Date: 9 AUG 2017 14:38:39

Highest Channel / 1.4MHz / 16QAM

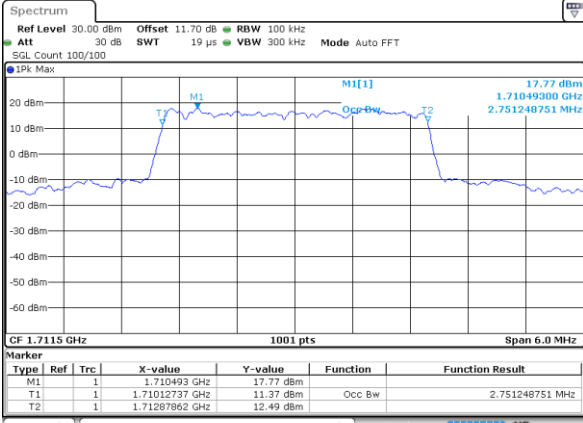


Date: 9 AUG 2017 14:38:49



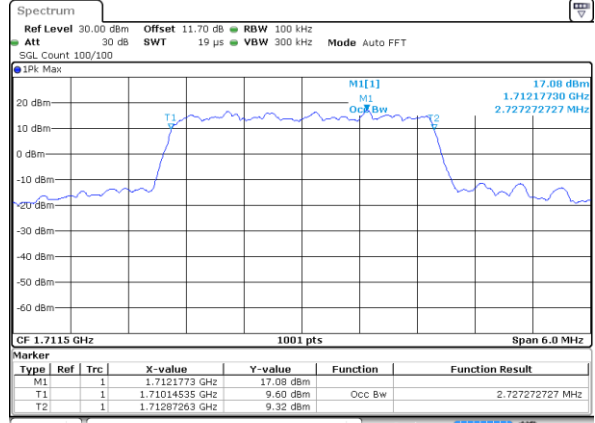
LTE Band 66

Lowest Channel / 3MHz / QPSK



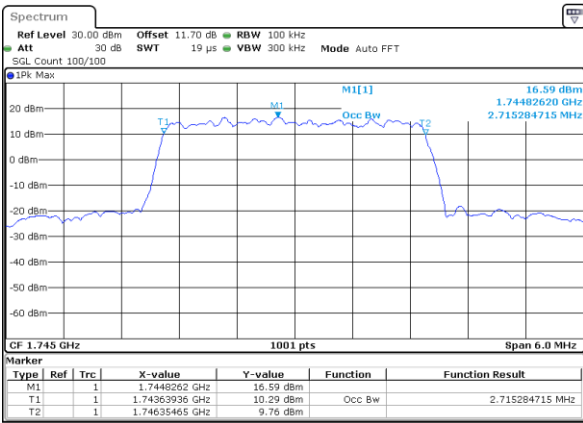
Date: 9 AUG 2017 14:45:42

Lowest Channel / 3MHz / 16QAM



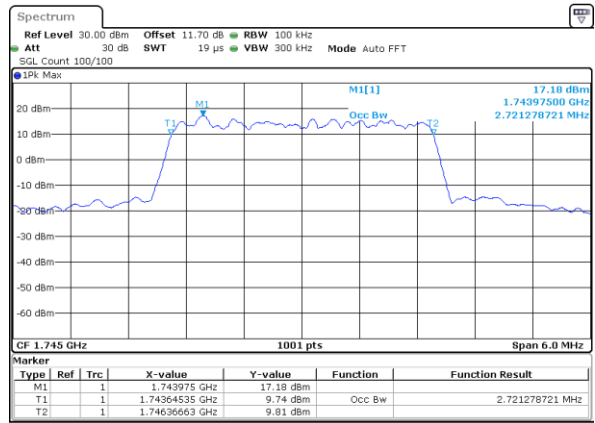
Date: 9 AUG 2017 14:45:52

Middle Channel / 3MHz / QPSK



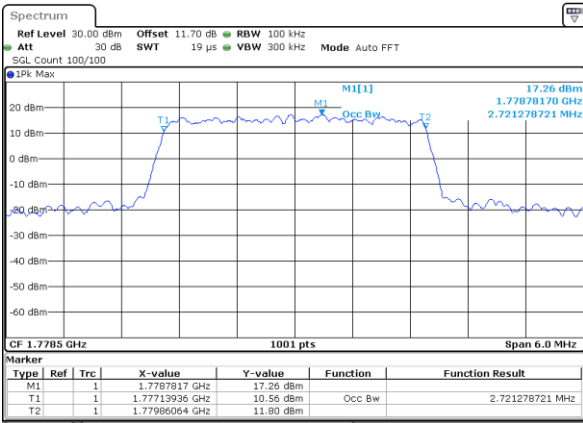
Date: 9 AUG 2017 14:52:47

Middle Channel / 3MHz / 16QAM



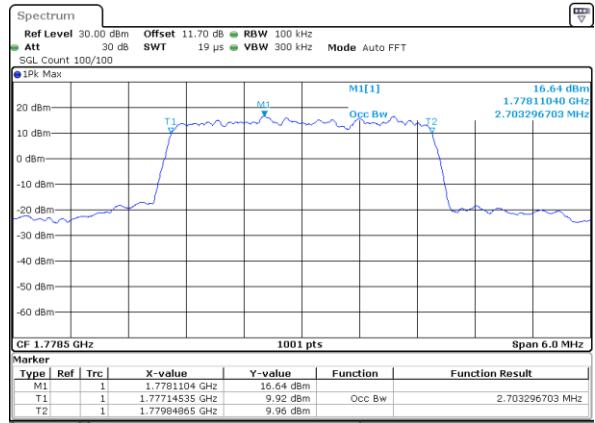
Date: 9 AUG 2017 14:52:57

Highest Channel / 3MHz / QPSK



Date: 9 AUG 2017 14:55:16

Highest Channel / 3MHz / 16QAM

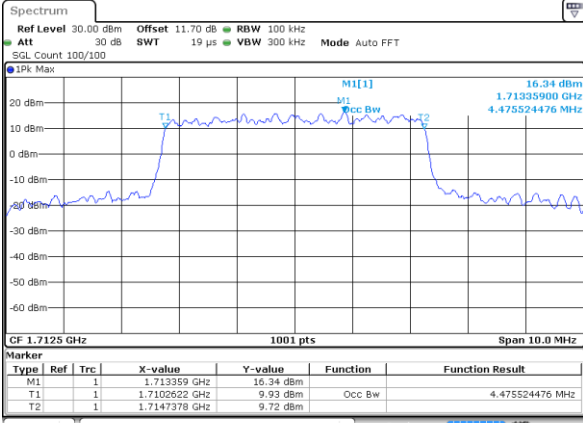


Date: 9 AUG 2017 14:55:26



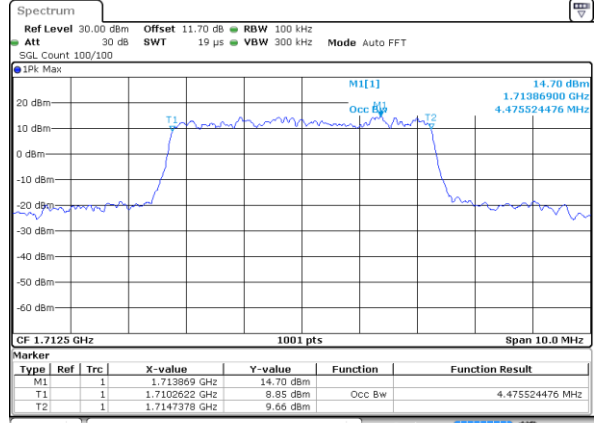
LTE Band 66

Lowest Channel / 5MHz / QPSK



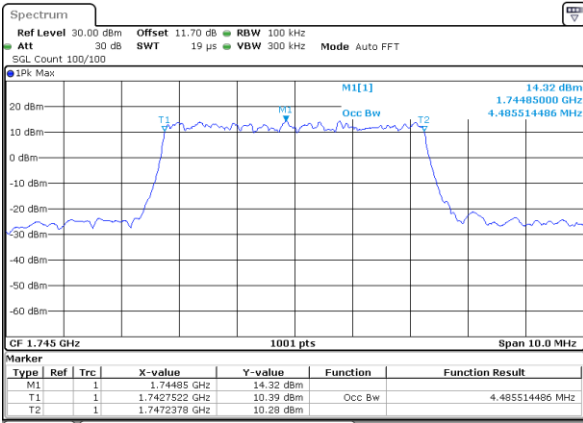
Date: 9 AUG 2017 15:02:20

Lowest Channel / 5MHz / 16QAM



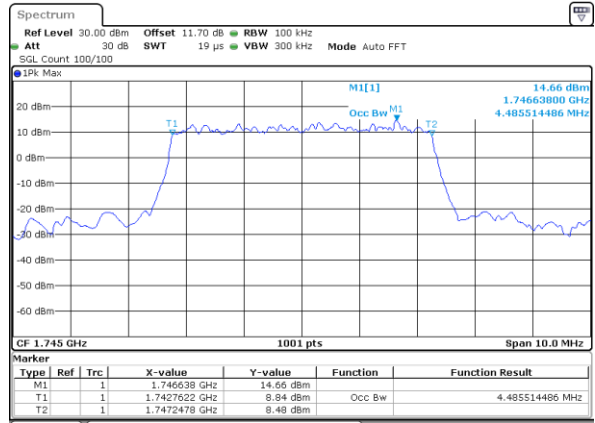
Date: 9 AUG 2017 15:02:30

Middle Channel / 5MHz / QPSK



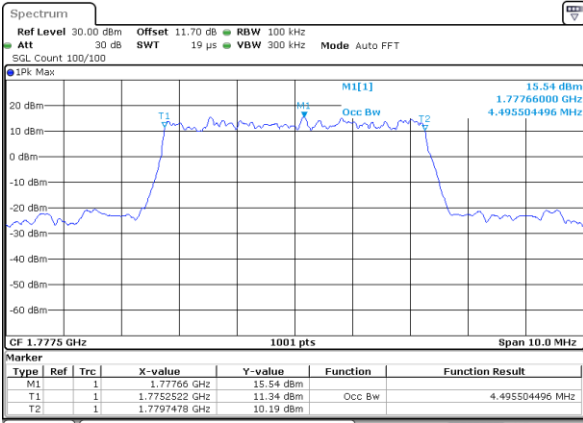
Date: 9 AUG 2017 15:09:23

Middle Channel / 5MHz / 16QAM



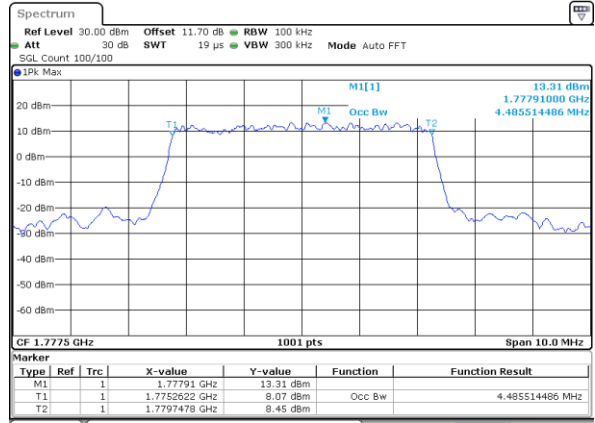
Date: 9 AUG 2017 15:09:34

Highest Channel / 5MHz / QPSK



Date: 9 AUG 2017 15:11:53

Highest Channel / 5MHz / 16QAM

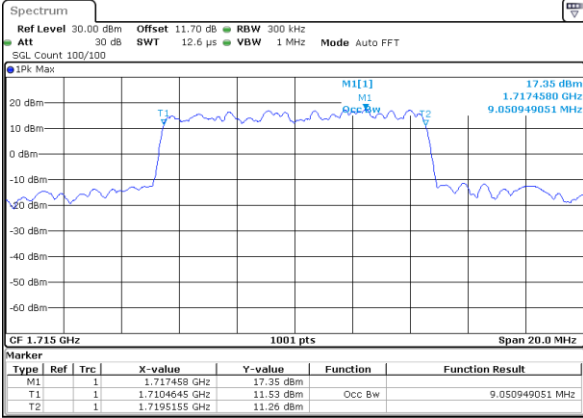


Date: 9 AUG 2017 15:12:03



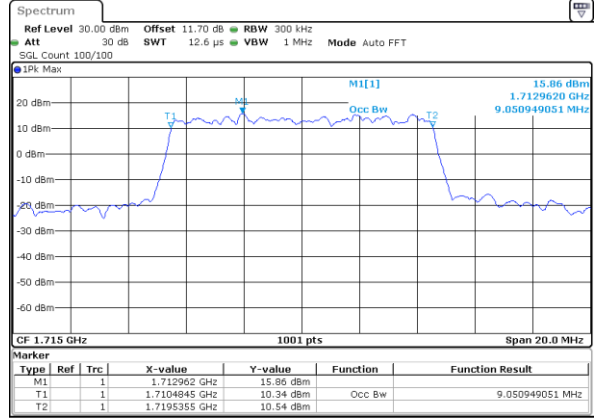
LTE Band 66

Lowest Channel / 10MHz / QPSK



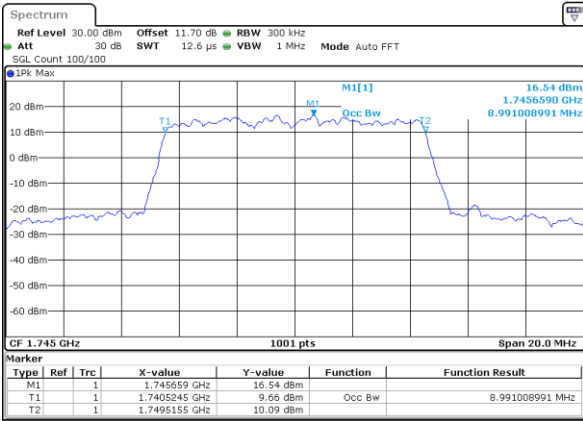
Date: 9 AUG 2017 15:18:57

Lowest Channel / 10MHz / 16QAM



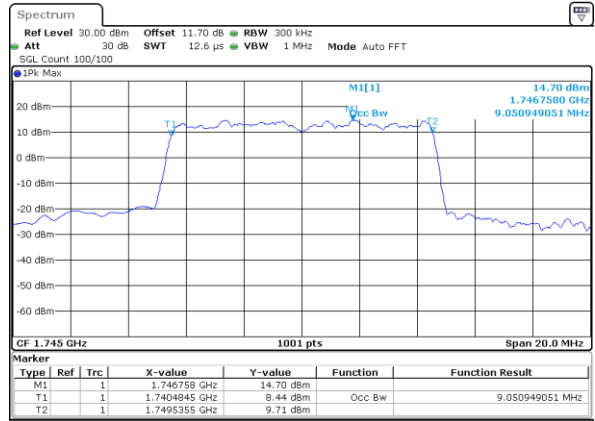
Date: 9 AUG 2017 15:19:07

Middle Channel / 10MHz / QPSK



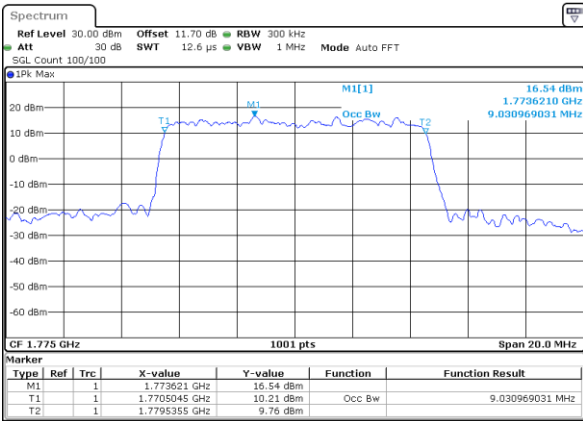
Date: 9 AUG 2017 15:26:01

Middle Channel / 10MHz / 16QAM



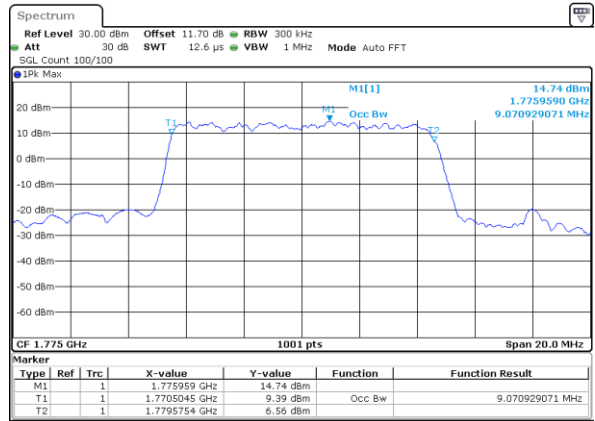
Date: 9 AUG 2017 15:26:11

Highest Channel / 10MHz / QPSK



Date: 9 AUG 2017 15:28:31

Highest Channel / 10MHz / 16QAM

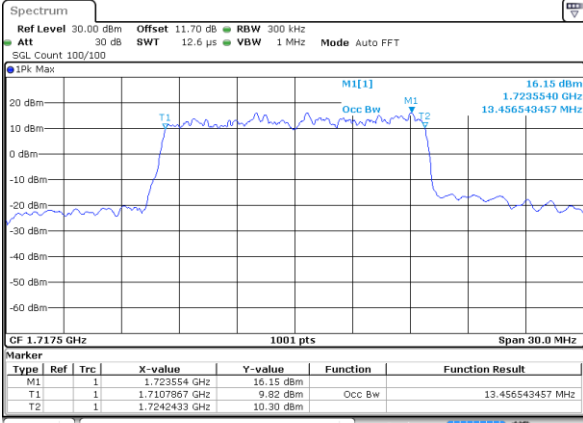


Date: 9 AUG 2017 15:28:41



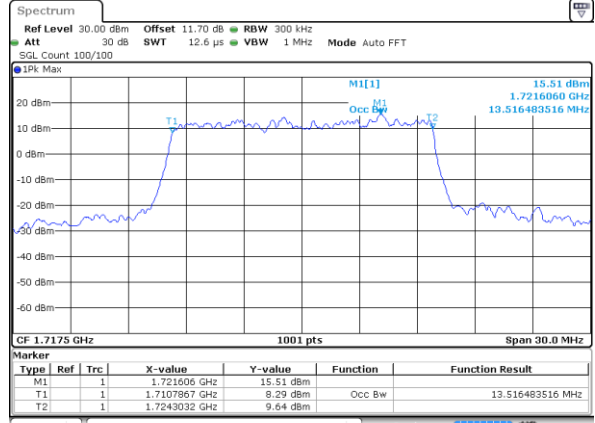
LTE Band 66

Lowest Channel / 15MHz / QPSK



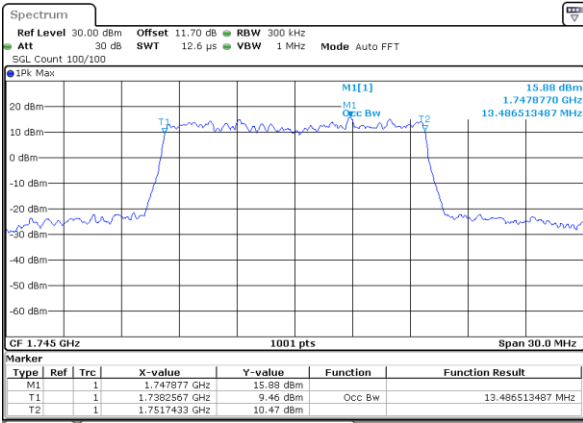
Date: 9 AUG 2017 15:35:35

Lowest Channel / 15MHz / 16QAM



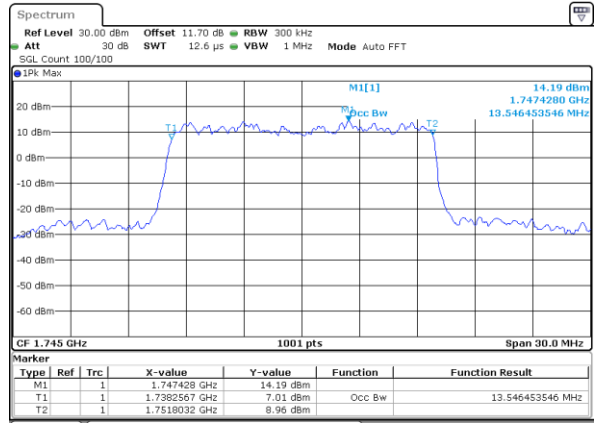
Date: 9 AUG 2017 15:35:45

Middle Channel / 15MHz / QPSK



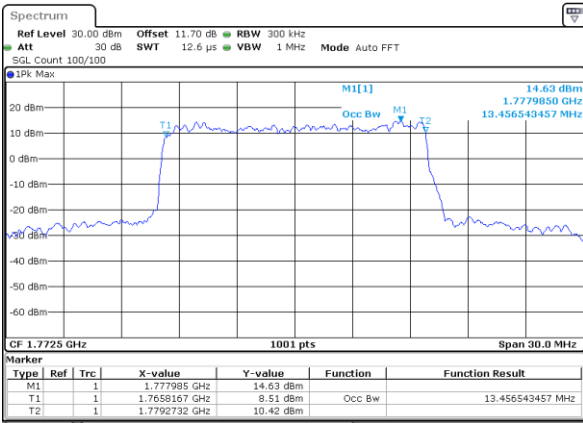
Date: 9 AUG 2017 15:42:38

Middle Channel / 15MHz / 16QAM



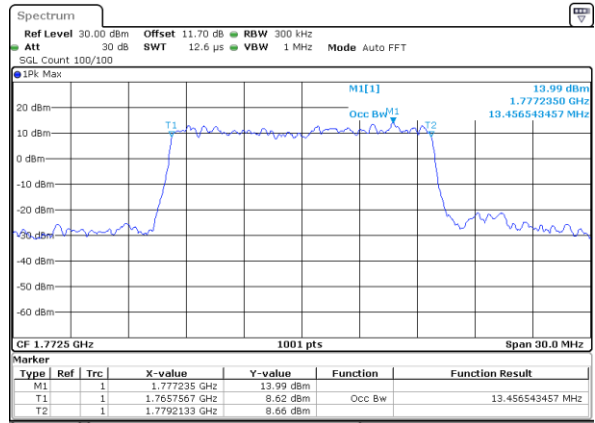
Date: 9 AUG 2017 15:42:49

Highest Channel / 15MHz / QPSK



Date: 9 AUG 2017 15:45:08

Highest Channel / 15MHz / 16QAM



Date: 9 AUG 2017 15:45:18