



LTE Band 4

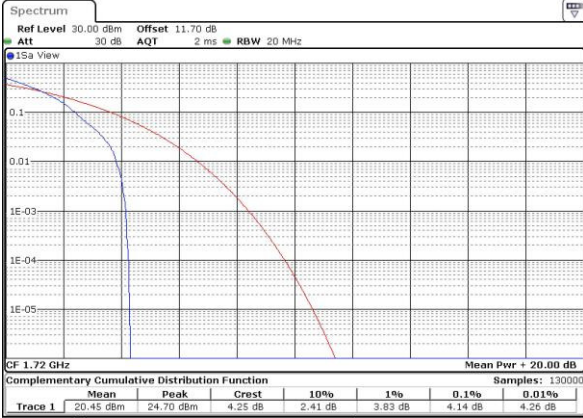
Peak-to-Average Ratio

Mode	LTE Band 4 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.14	4.78	4.81	5.74	PASS
Middle CH	4.61	4.55	5.19	5.68	
Highest CH	3.94	4.52	5.1	5.51	



LTE Band 4 / 20MHz / QPSK

Lowest Channel / 1RB



Date: 31.OCT.2016 09:46:30

Lowest Channel / Full RB



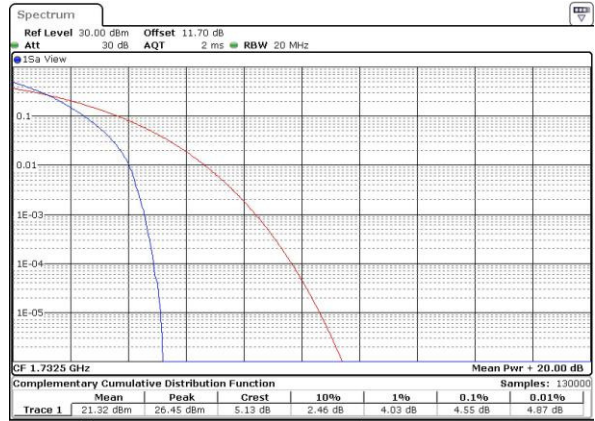
Date: 31.OCT.2016 09:46:51

Middle Channel / 1RB



Date: 31.OCT.2016 09:47:09

Middle Channel / Full RB



Date: 31.OCT.2016 09:47:30

Highest Channel / 1RB



Date: 31.OCT.2016 09:47:45

Highest Channel / Full RB



Date: 31.OCT.2016 09:47:58



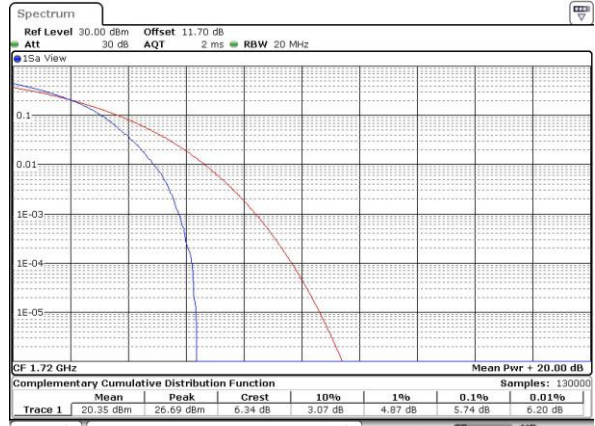
LTE Band 4 / 20MHz / 16QAM

Lowest Channel / 1RB



Date: 31.OCT.2016 09:44:41

Lowest Channel / Full RB



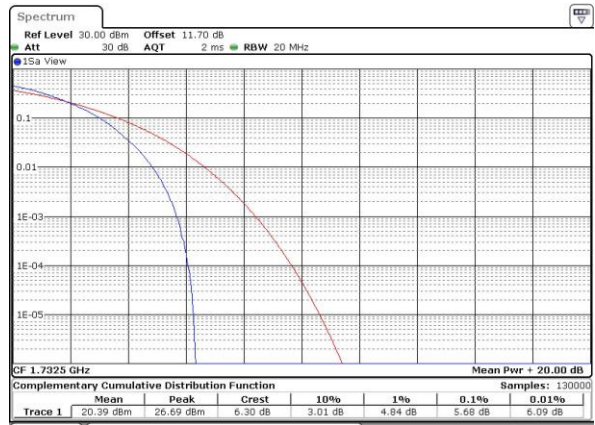
Date: 31.OCT.2016 09:44:54

Middle Channel / 1RB



Date: 31.OCT.2016 09:45:06

Middle Channel / Full RB



Date: 31.OCT.2016 09:45:27

Highest Channel / 1RB



Date: 31.OCT.2016 09:45:47

Highest Channel / Full RB



Date: 31.OCT.2016 09:46:14



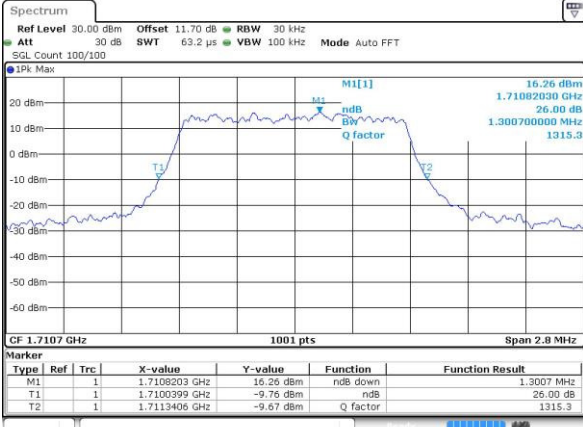
26dB Bandwidth

Mode	LTE Band 4 : 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	1.30	1.29	2.97	2.97	4.90	4.84	9.85	9.91	14.24	14.48	20.26	20.30
Middle CH	1.28	1.29	3.01	2.99	4.87	4.91	9.89	9.85	14.48	14.24	20.14	20.26
Highest CH	1.26	1.26	3.04	3.00	4.81	4.86	9.85	9.73	14.18	14.48	20.34	20.30



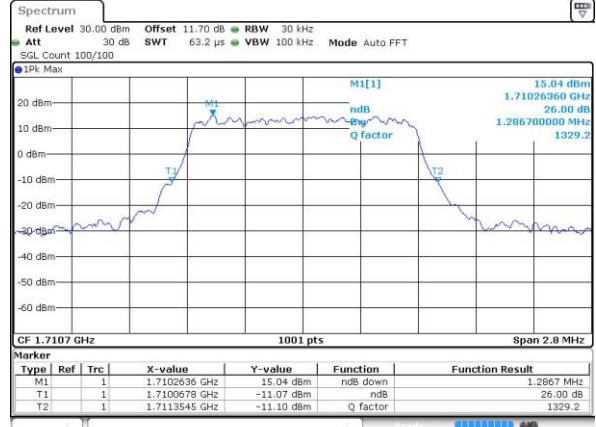
LTE Band 4

Lowest Channel / 1.4MHz / QPSK



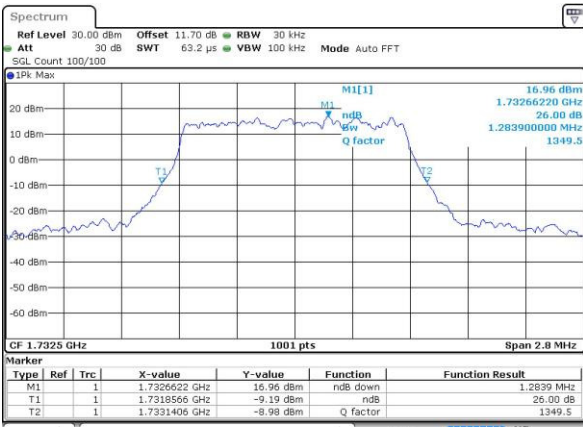
Date: 30.OCT.2016 17:08:07

Lowest Channel / 1.4MHz / 16QAM



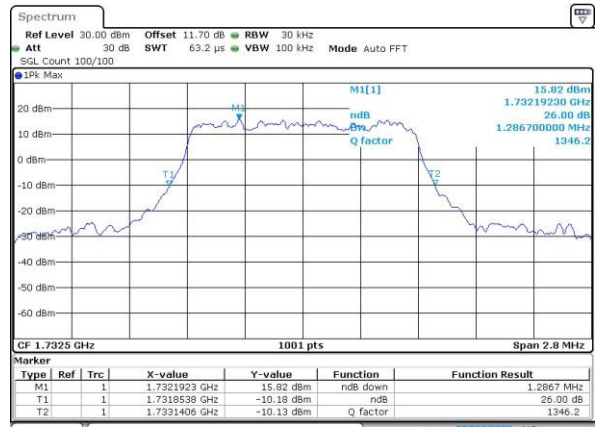
Date: 30.OCT.2016 17:08:17

Middle Channel / 1.4MHz / QPSK



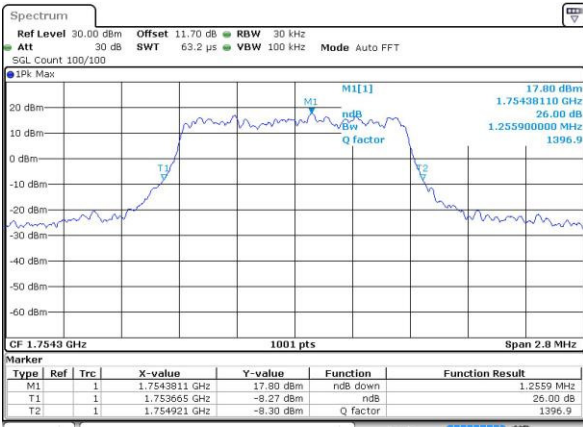
Date: 30.OCT.2016 17:15:09

Middle Channel / 1.4MHz / 16QAM



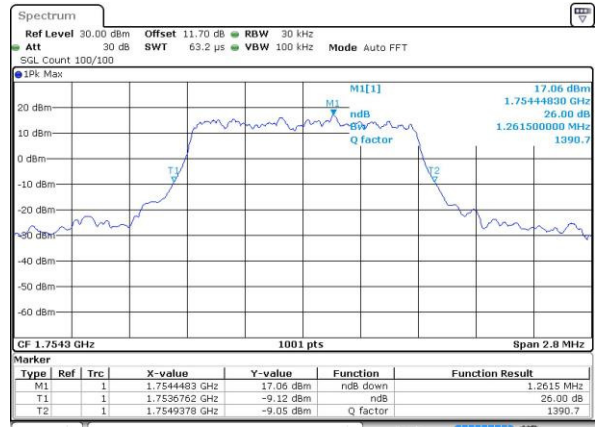
Date: 30.OCT.2016 17:15:19

Highest Channel / 1.4MHz / QPSK



Date: 30.OCT.2016 17:17:37

Highest Channel / 1.4MHz / 16QAM

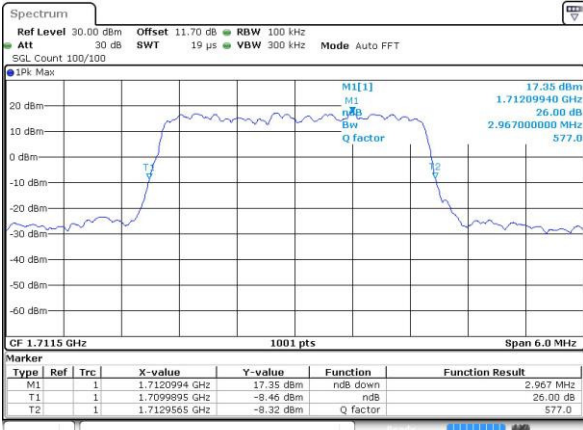


Date: 30.OCT.2016 17:17:47



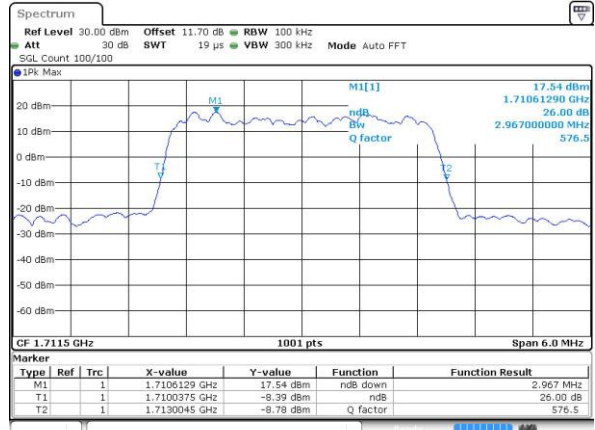
LTE Band 4

Lowest Channel / 3MHz / QPSK



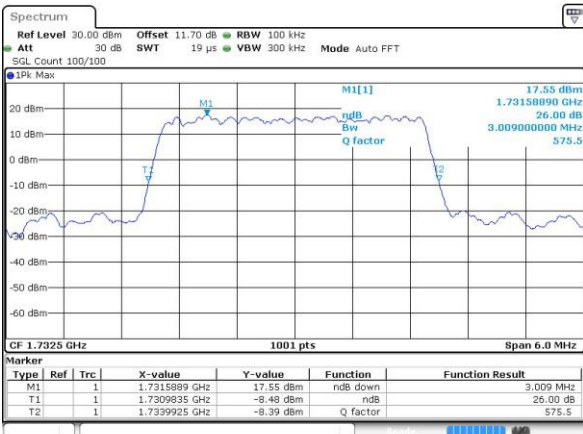
Date: 30.OCT.2016 15:09:14

Lowest Channel / 3MHz / 16QAM



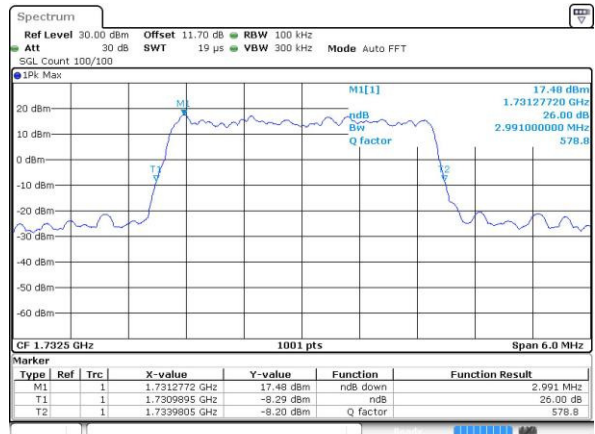
Date: 30.OCT.2016 15:09:24

Middle Channel / 3MHz / QPSK



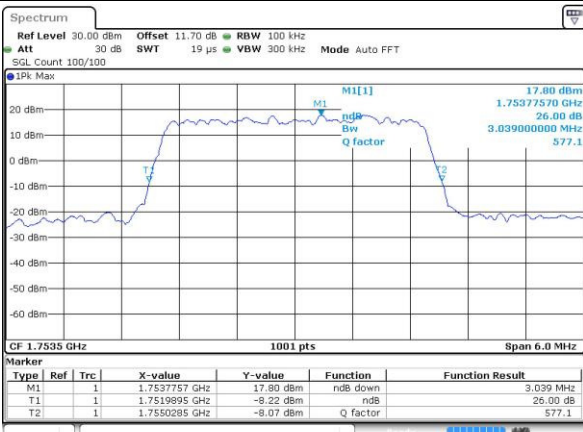
Date: 30.OCT.2016 15:16:15

Middle Channel / 3MHz / 16QAM



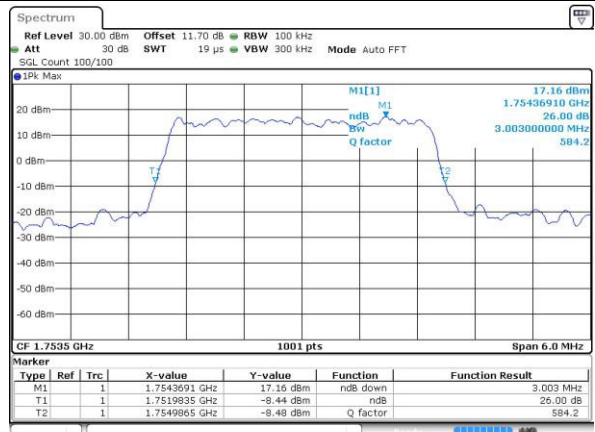
Date: 30.OCT.2016 15:16:25

Highest Channel / 3MHz / QPSK



Date: 30.OCT.2016 15:18:43

Highest Channel / 3MHz / 16QAM

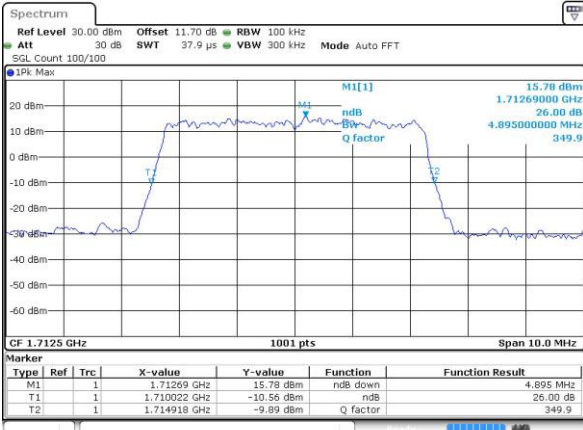


Date: 30.OCT.2016 15:18:53



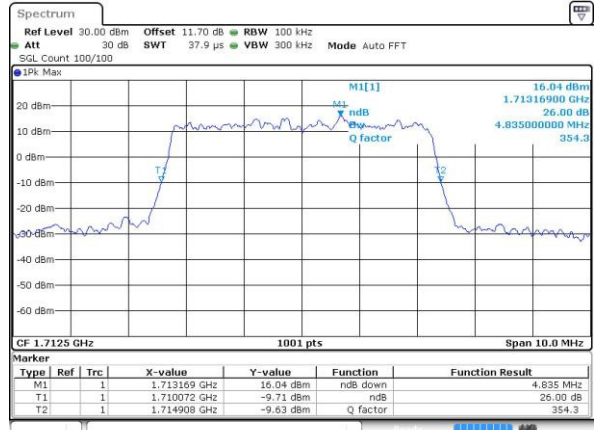
LTE Band 4

Lowest Channel / 5MHz / QPSK



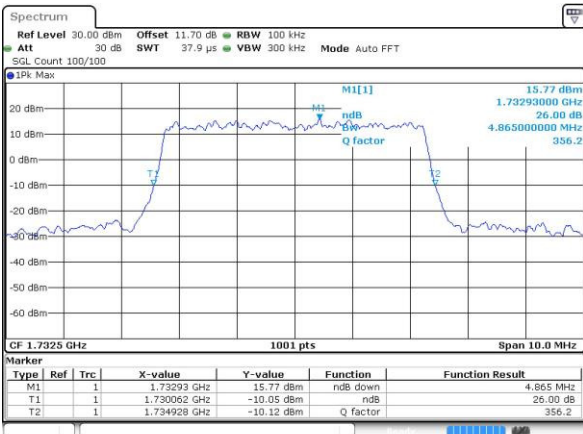
Date: 30.OCT.2016 15:25:44

Lowest Channel / 5MHz / 16QAM



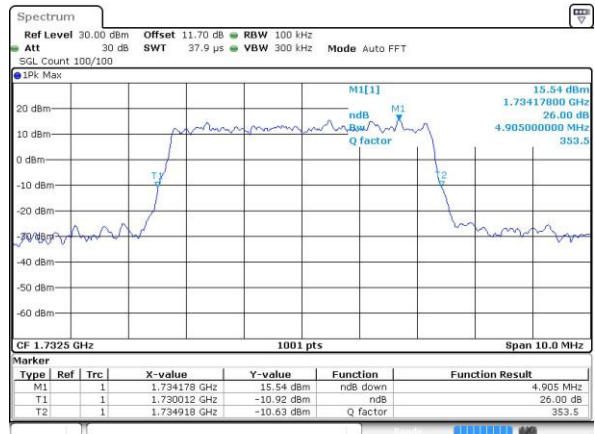
Date: 30.OCT.2016 15:25:54

Middle Channel / 5MHz / QPSK



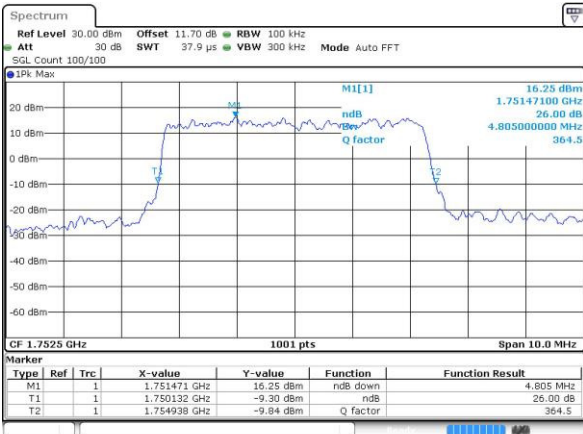
Date: 30.OCT.2016 15:32:45

Middle Channel / 5MHz / 16QAM



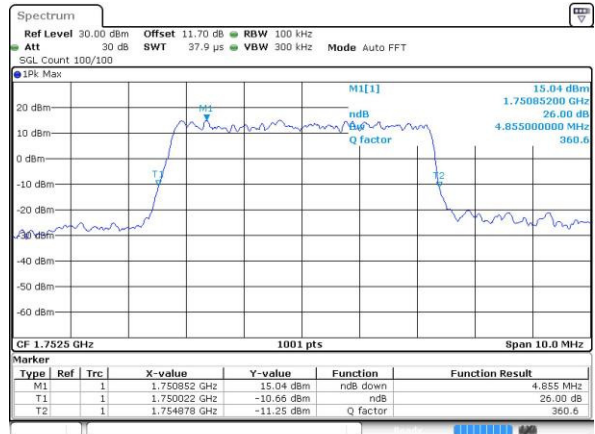
Date: 30.OCT.2016 15:32:55

Highest Channel / 5MHz / QPSK



Date: 30.OCT.2016 15:35:13

Highest Channel / 5MHz / 16QAM

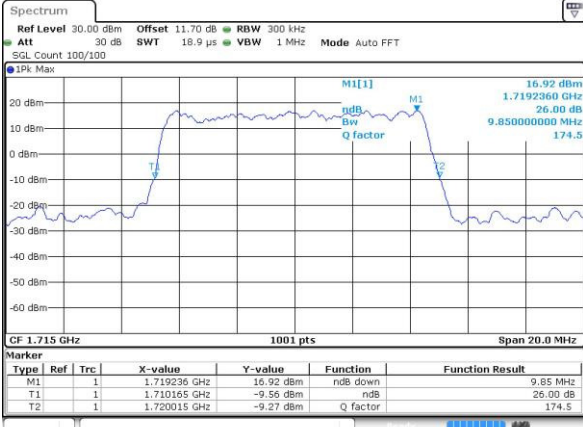


Date: 30.OCT.2016 15:35:23



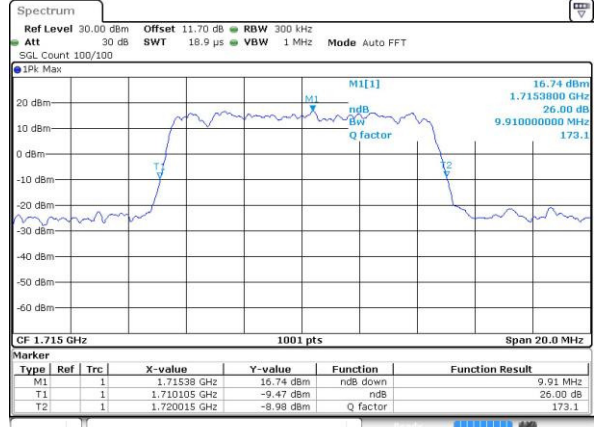
LTE Band 4

Lowest Channel / 10MHz / QPSK



Date: 30.OCT.2016 15:42:14

Lowest Channel / 10MHz / 16QAM



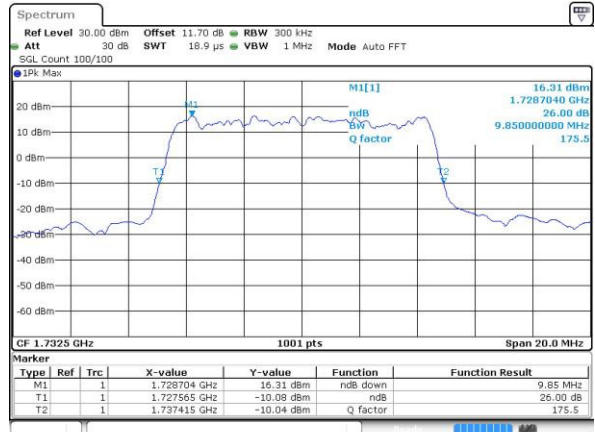
Date: 30.OCT.2016 15:42:24

Middle Channel / 10MHz / QPSK



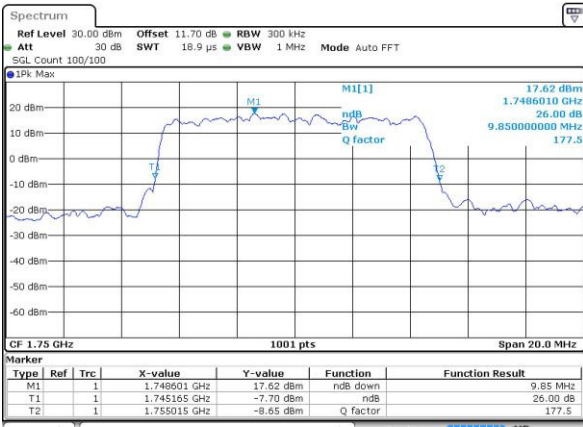
Date: 30.OCT.2016 15:49:15

Middle Channel / 10MHz / 16QAM



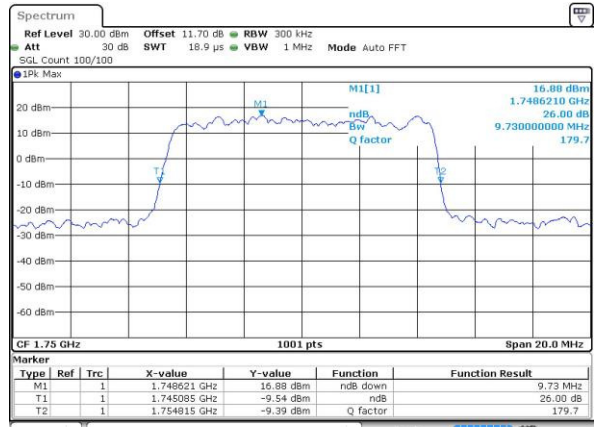
Date: 30.OCT.2016 15:49:25

Highest Channel / 10MHz / QPSK



Date: 30.OCT.2016 15:51:43

Highest Channel / 10MHz / 16QAM

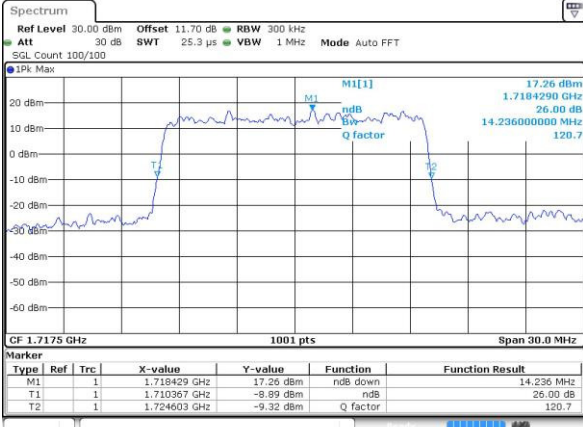


Date: 30.OCT.2016 15:51:53



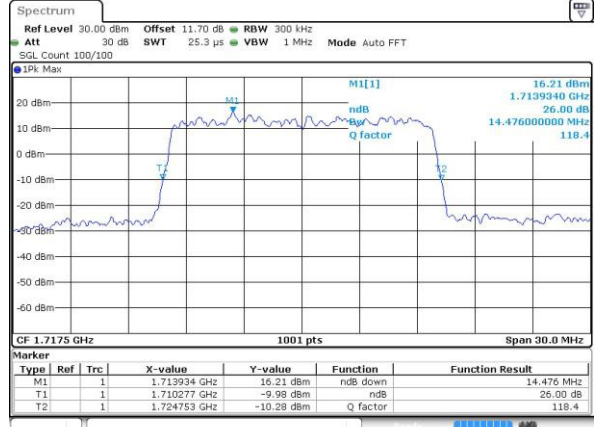
LTE Band 4

Lowest Channel / 15MHz / QPSK



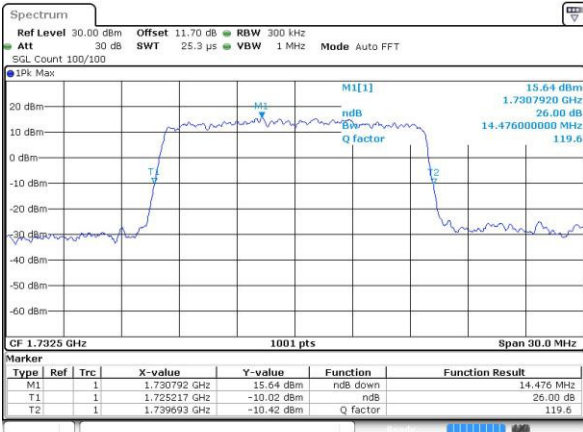
Date: 30.OCT.2016 15:58:44

Lowest Channel / 15MHz / 16QAM



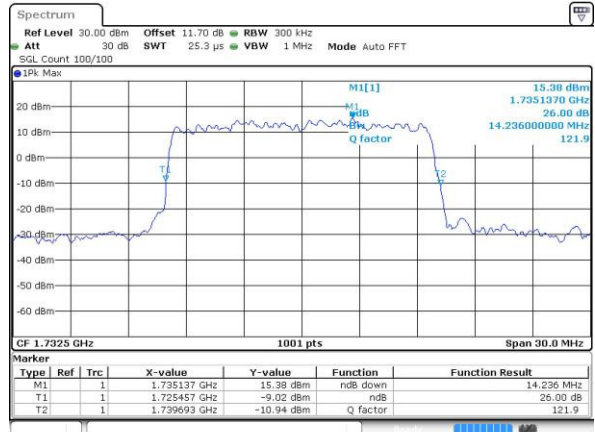
Date: 30.OCT.2016 15:58:54

Middle Channel / 15MHz / QPSK



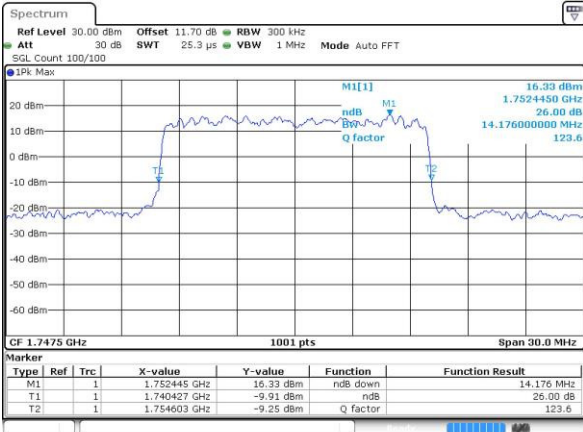
Date: 30.OCT.2016 16:05:45

Middle Channel / 15MHz / 16QAM



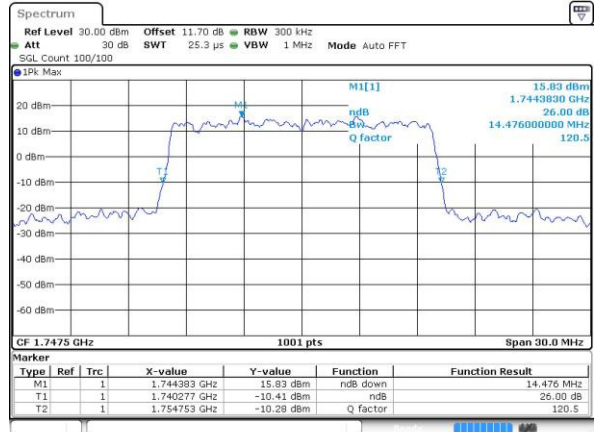
Date: 30.OCT.2016 16:05:55

Highest Channel / 15MHz / QPSK



Date: 30.OCT.2016 16:08:13

Highest Channel / 15MHz / 16QAM

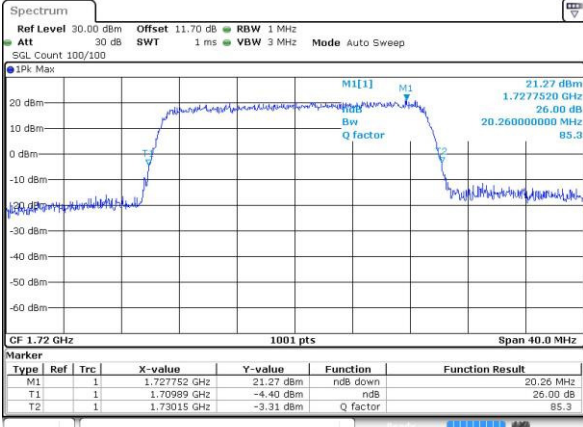


Date: 30.OCT.2016 16:08:23



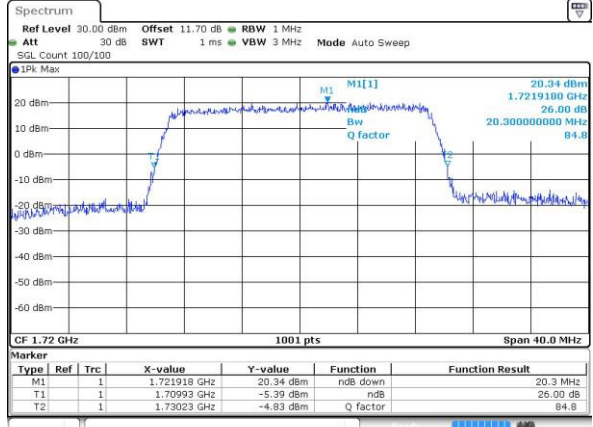
LTE Band 4

Lowest Channel / 20MHz / QPSK



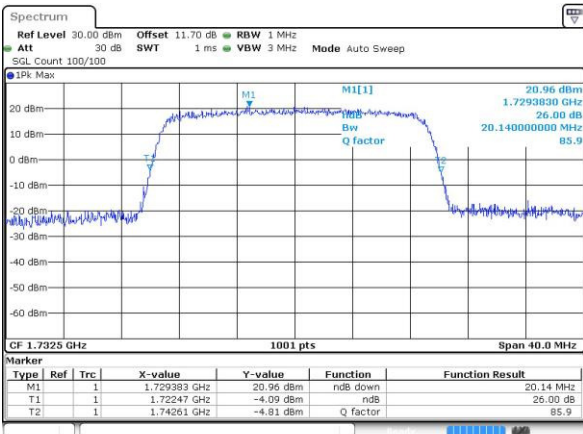
Date: 30.OCT.2016 16:15:15

Lowest Channel / 20MHz / 16QAM



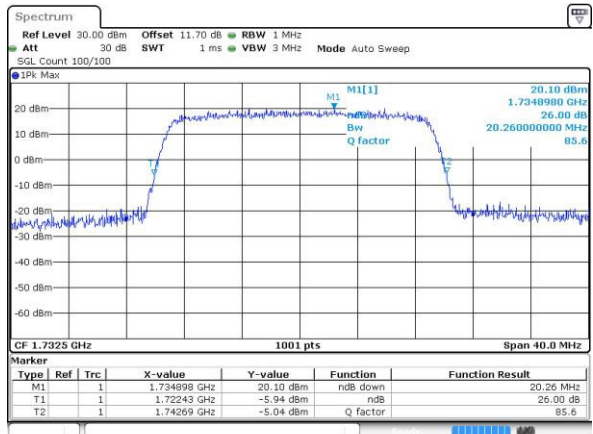
Date: 30.OCT.2016 16:15:25

Middle Channel / 20MHz / QPSK



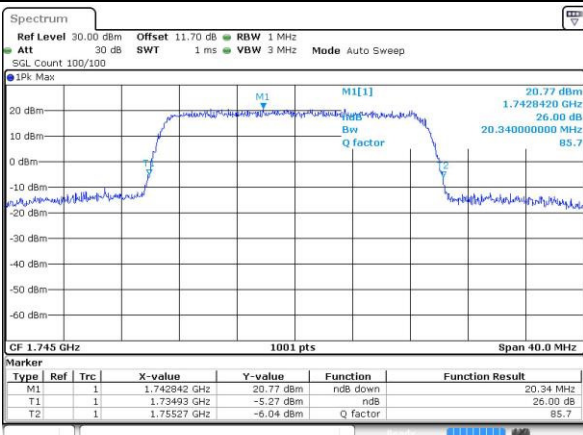
Date: 30.OCT.2016 16:40:10

Middle Channel / 20MHz / 16QAM



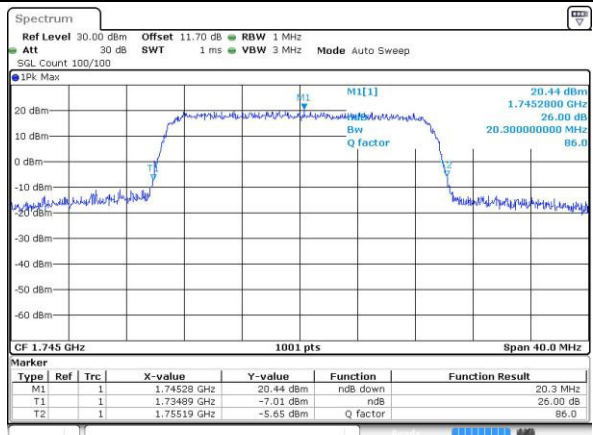
Date: 30.OCT.2016 16:40:21

Highest Channel / 20MHz / QPSK



Date: 30.OCT.2016 16:42:38

Highest Channel / 20MHz / 16QAM



Date: 30.OCT.2016 16:42:49



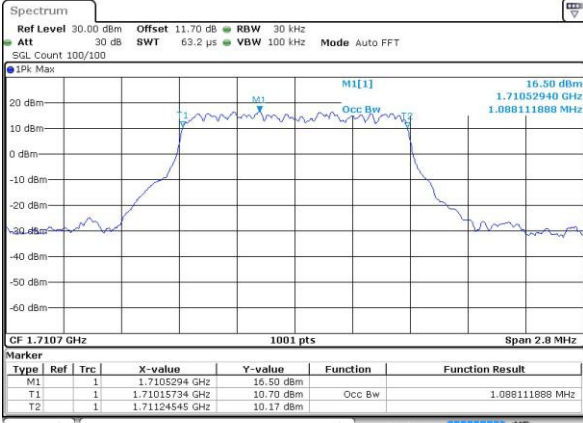
Occupied Bandwidth

Mode	LTE Band 4 : 99%OBW(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	1.09	1.08	2.72	2.73	4.49	4.48	9.03	9.01	13.46	13.43	18.34	18.34
Middle CH	1.09	1.09	2.72	2.7	4.48	4.5	8.95	8.97	13.43	13.43	18.18	18.18
Highest CH	1.1	1.09	2.7	2.72	4.47	4.49	9.05	8.99	13.46	13.4	18.38	18.34



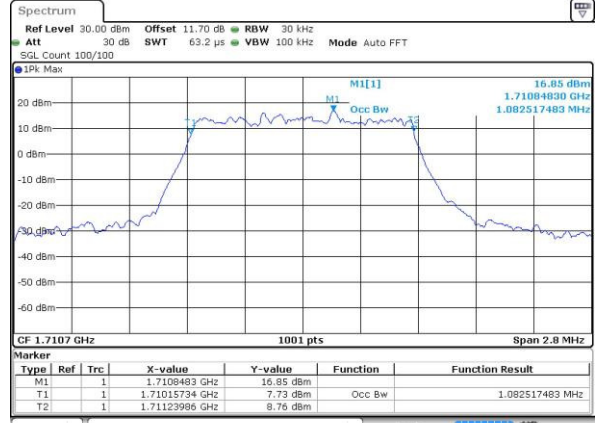
LTE Band 4

Lowest Channel / 1.4MHz / QPSK



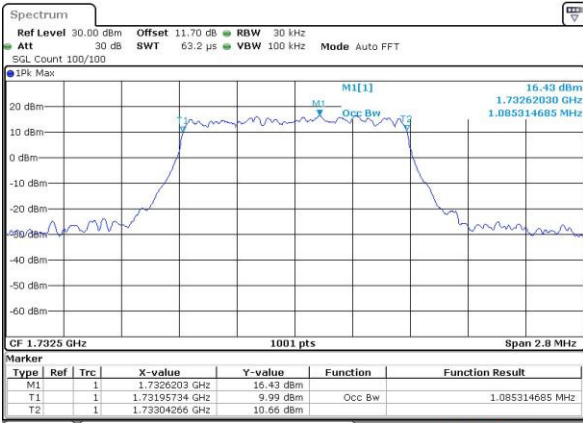
Date: 30.OCT.2016 17:07.47

Lowest Channel / 1.4MHz / 16QAM



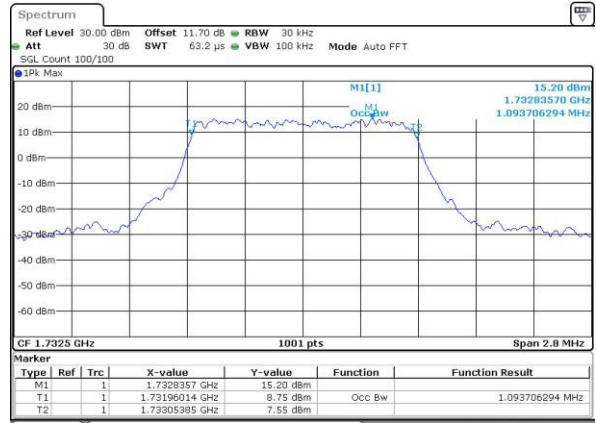
Date: 30.OCT.2016 17:07.57

Middle Channel / 1.4MHz / QPSK



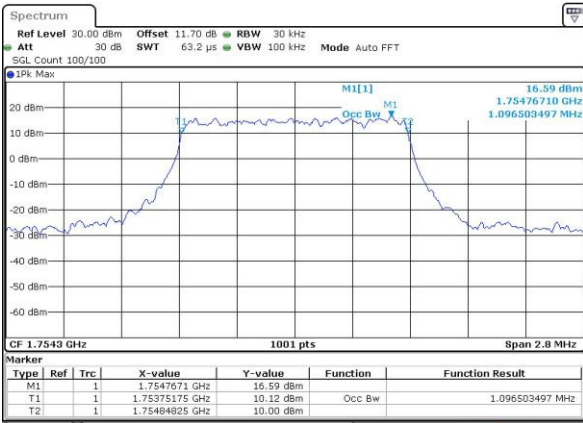
Date: 30.OCT.2016 17:14.48

Middle Channel / 1.4MHz / 16QAM



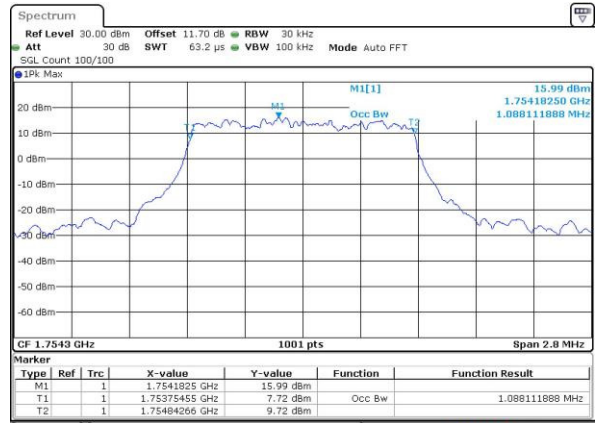
Date: 30.OCT.2016 17:14.58

Highest Channel / 1.4MHz / QPSK



Date: 30.OCT.2016 17:17.16

Highest Channel / 1.4MHz / 16QAM

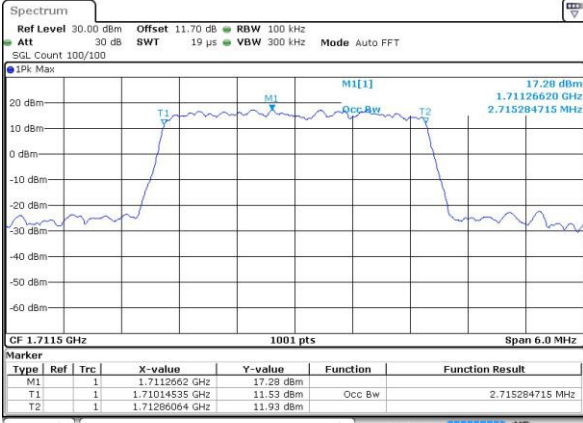


Date: 30.OCT.2016 17:17.26



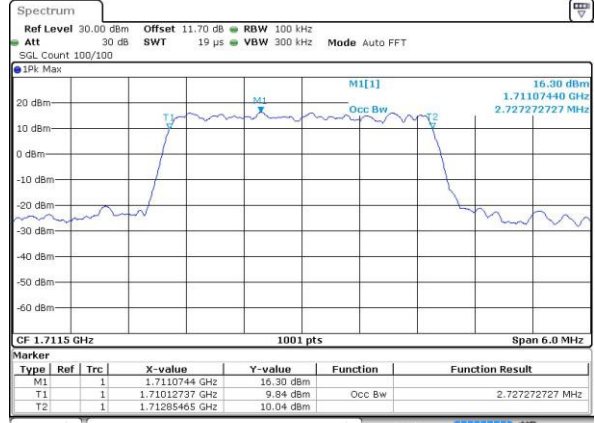
LTE Band 4

Lowest Channel / 3MHz / QPSK



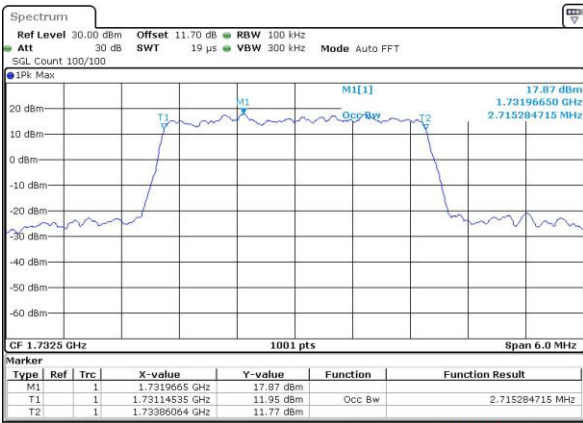
Date: 30.OCT.2016 15:08:53

Lowest Channel / 3MHz / 16QAM



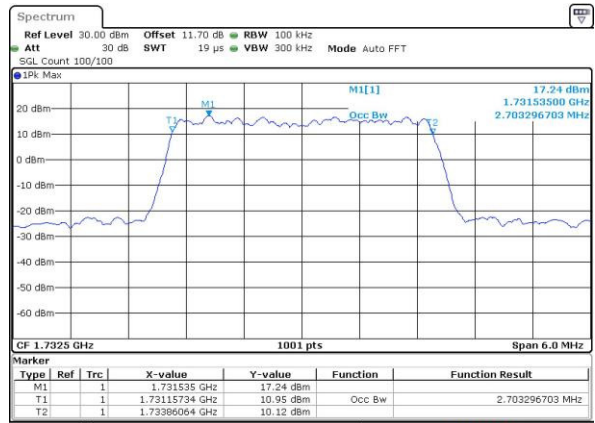
Date: 30.OCT.2016 15:09:04

Middle Channel / 3MHz / QPSK



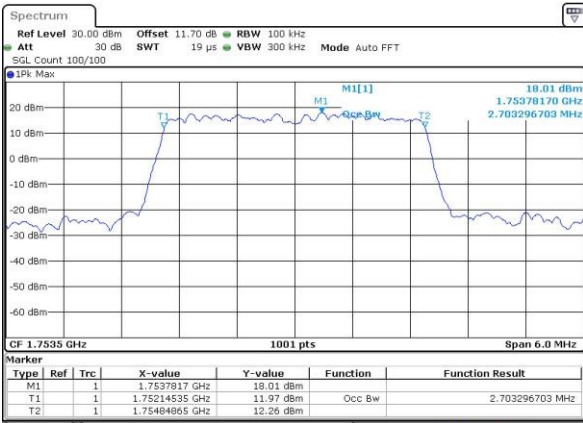
Date: 30.OCT.2016 15:15:55

Middle Channel / 3MHz / 16QAM



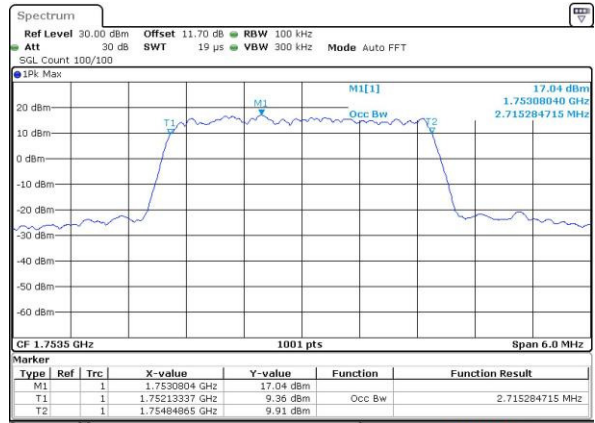
Date: 30.OCT.2016 15:16:05

Highest Channel / 3MHz / QPSK



Date: 30.OCT.2016 15:18:22

Highest Channel / 3MHz / 16QAM

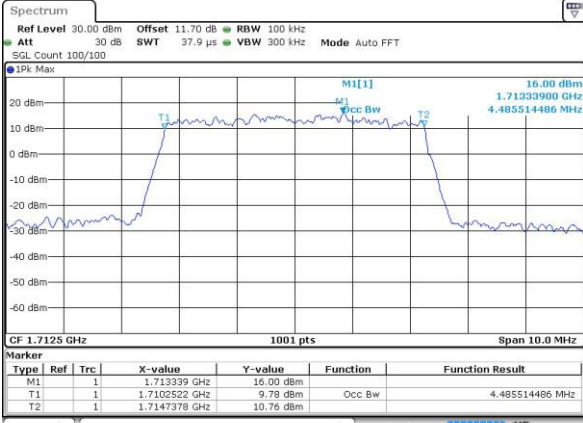


Date: 30.OCT.2016 15:18:33



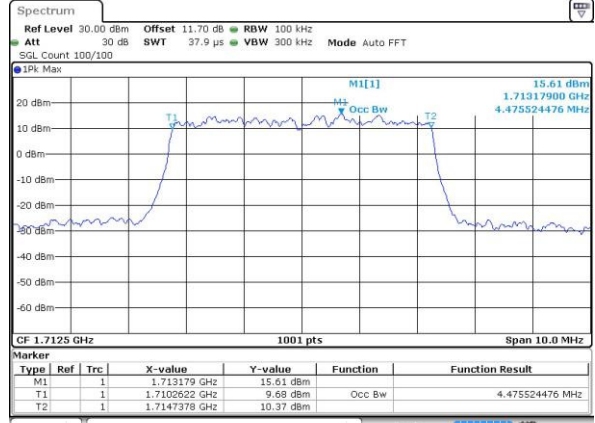
LTE Band 4

Lowest Channel / 5MHz / QPSK



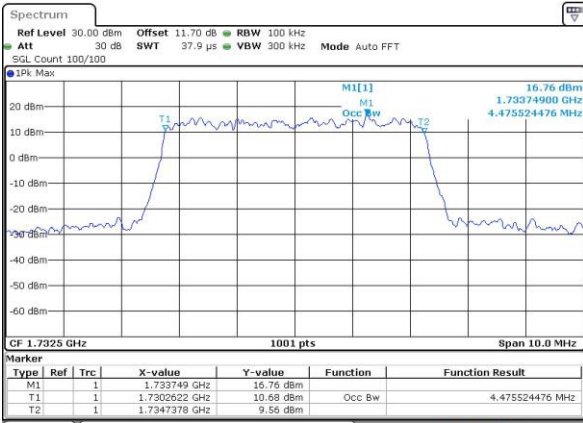
Date: 30 OCT 2016 15:25:23

Lowest Channel / 5MHz / 16QAM



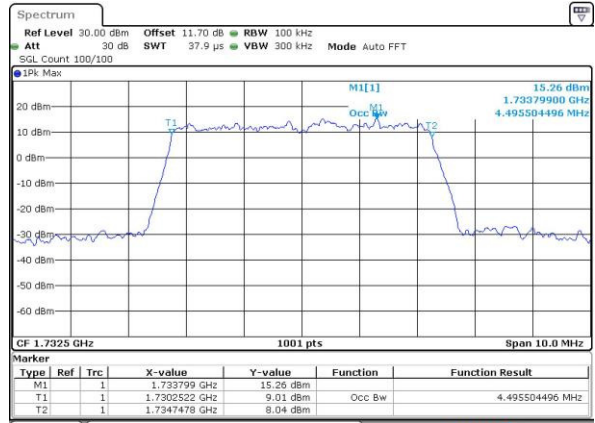
Date: 30 OCT 2016 15:25:34

Middle Channel / 5MHz / QPSK



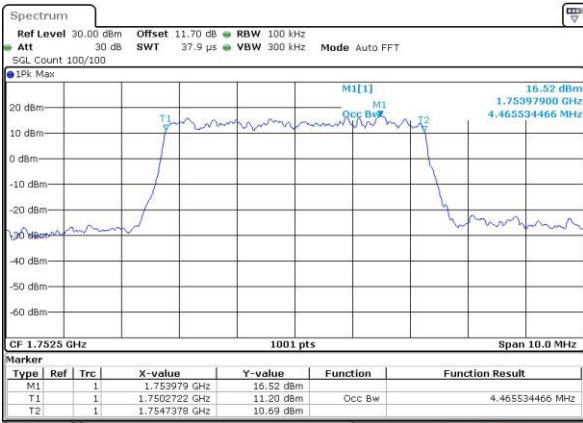
Date: 30 OCT 2016 15:32:24

Middle Channel / 5MHz / 16QAM



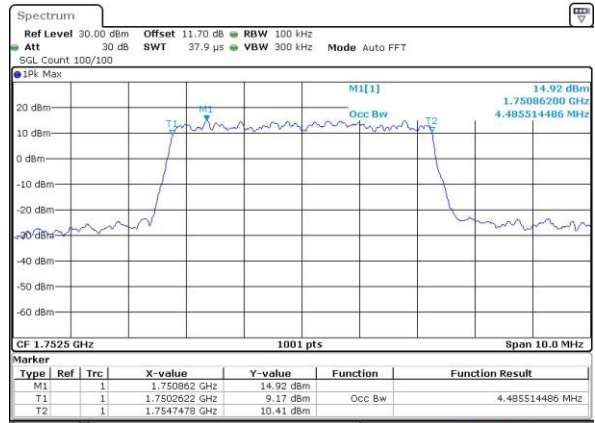
Date: 30 OCT 2016 15:32:35

Highest Channel / 5MHz / QPSK



Date: 30 OCT 2016 15:34:53

Highest Channel / 5MHz / 16QAM

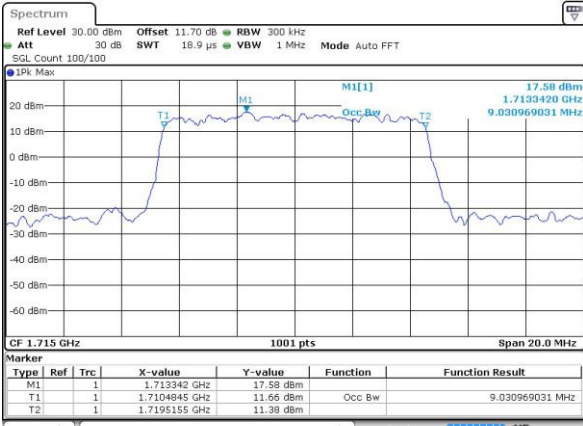


Date: 30 OCT 2016 15:35:03



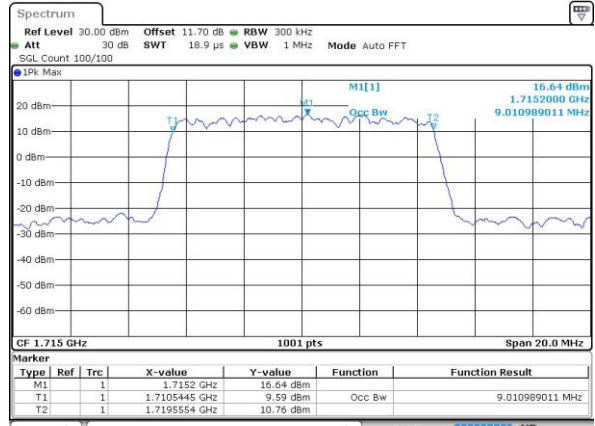
LTE Band 4

Lowest Channel / 10MHz / QPSK



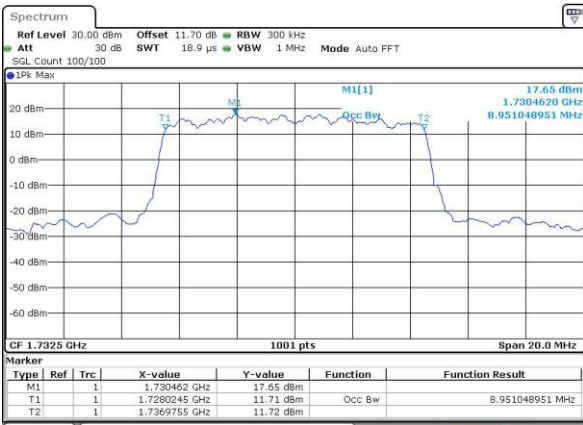
Date: 30.OCT.2016 15:41:54

Lowest Channel / 10MHz / 16QAM



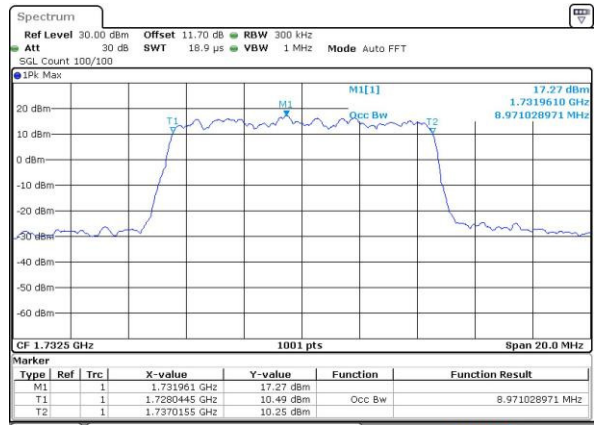
Date: 30.OCT.2016 15:42:04

Middle Channel / 10MHz / QPSK



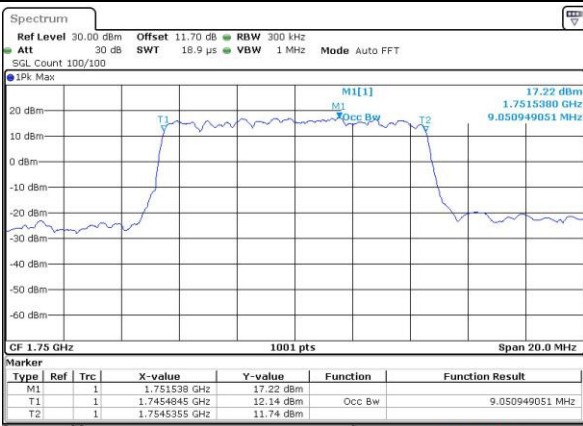
Date: 30.OCT.2016 15:48:55

Middle Channel / 10MHz / 16QAM



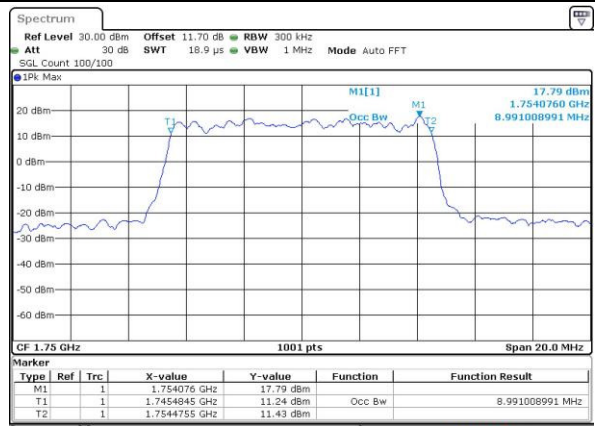
Date: 30.OCT.2016 15:49:05

Highest Channel / 10MHz / QPSK



Date: 30.OCT.2016 15:51:23

Highest Channel / 10MHz / 16QAM

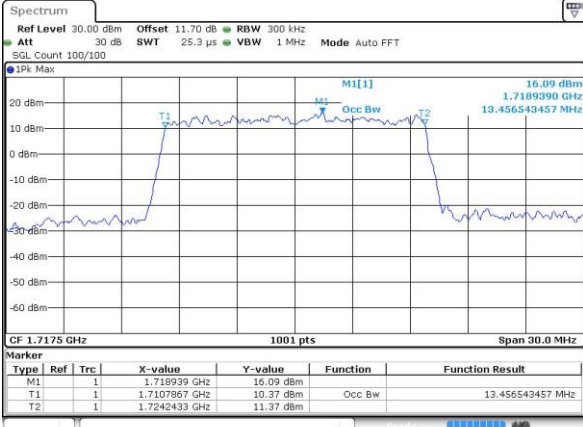


Date: 30.OCT.2016 15:51:33



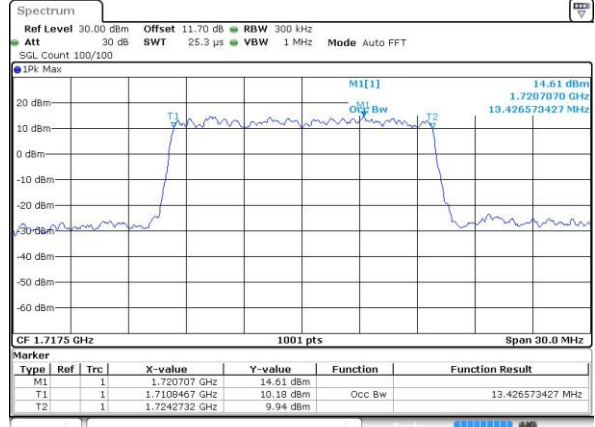
LTE Band 4

Lowest Channel / 15MHz / QPSK



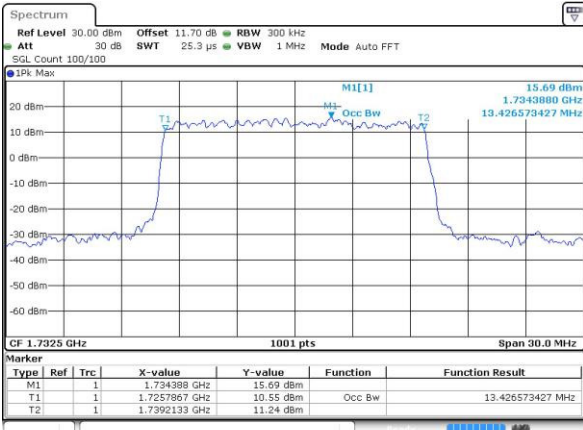
Date: 30.OCT.2016 15:58:24

Lowest Channel / 15MHz / 16QAM



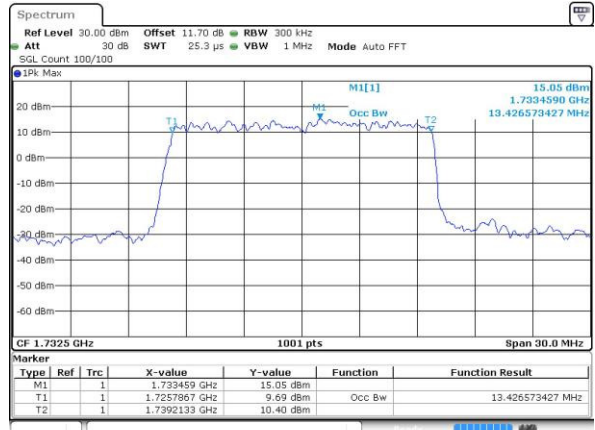
Date: 30.OCT.2016 15:58:34

Middle Channel / 15MHz / QPSK



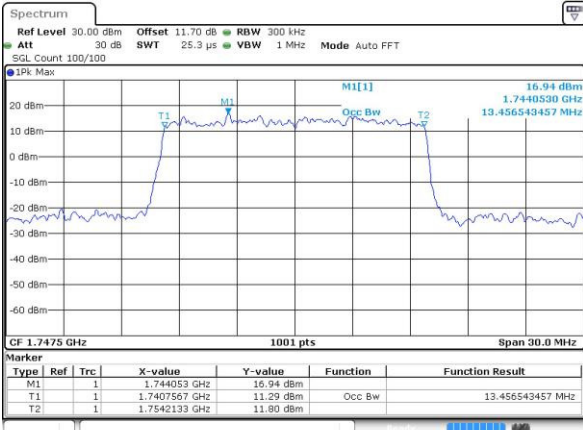
Date: 30.OCT.2016 16:05:25

Middle Channel / 15MHz / 16QAM



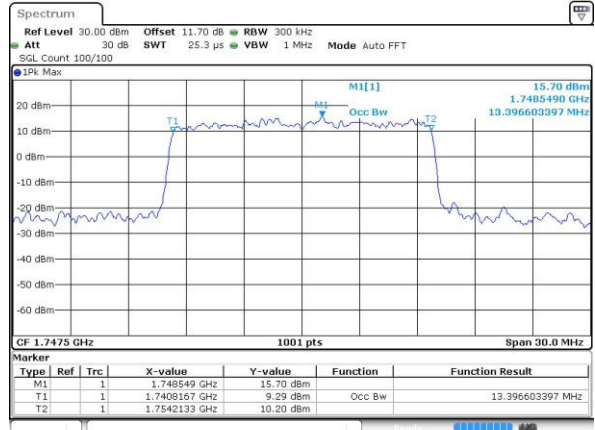
Date: 30.OCT.2016 16:05:35

Highest Channel / 15MHz / QPSK



Date: 30.OCT.2016 16:07:53

Highest Channel / 15MHz / 16QAM

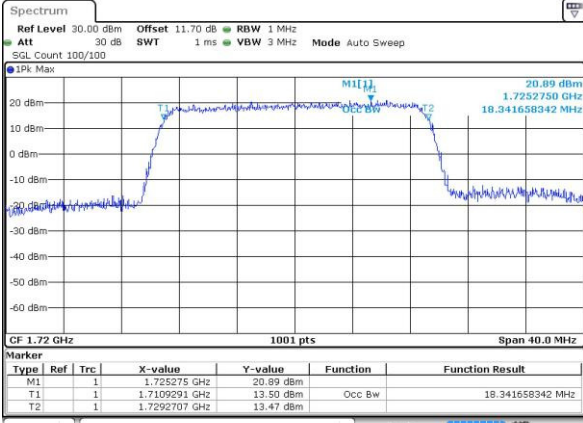


Date: 30.OCT.2016 16:08:03



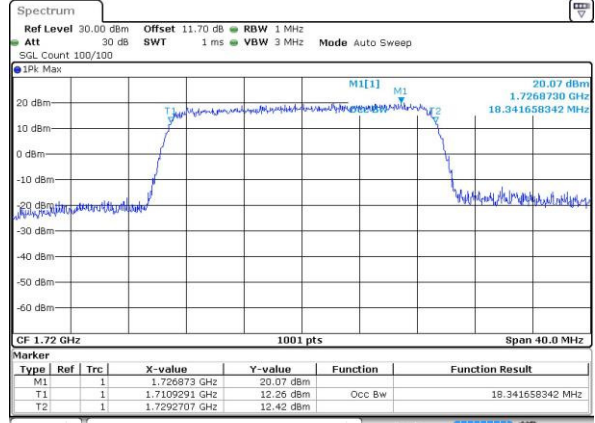
LTE Band 4

Lowest Channel / 20MHz / QPSK



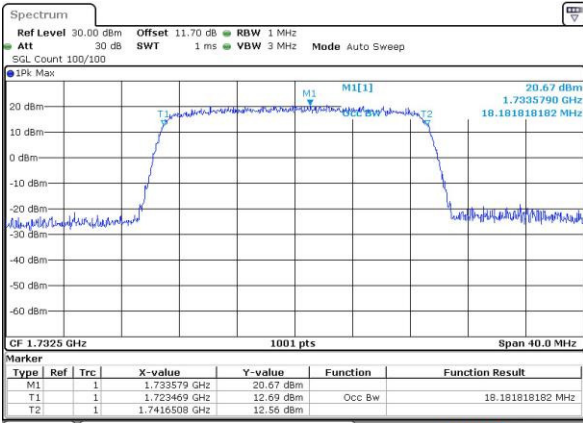
Date: 30.OCT.2016 16:14:54

Lowest Channel / 20MHz / 16QAM



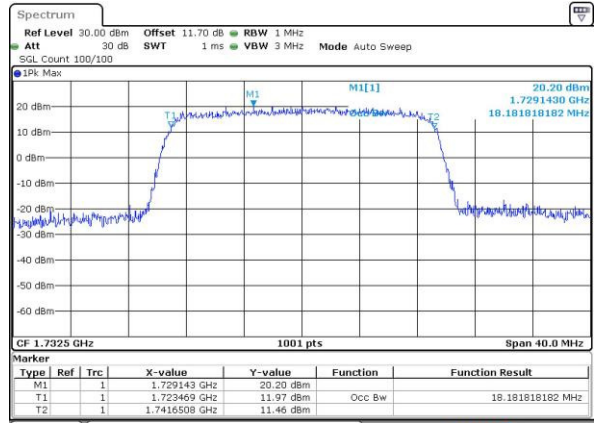
Date: 30.OCT.2016 16:15:04

Middle Channel / 20MHz / QPSK



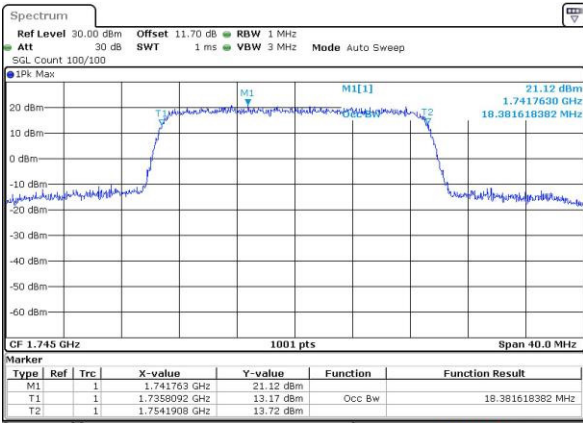
Date: 30.OCT.2016 16:39:50

Middle Channel / 20MHz / 16QAM



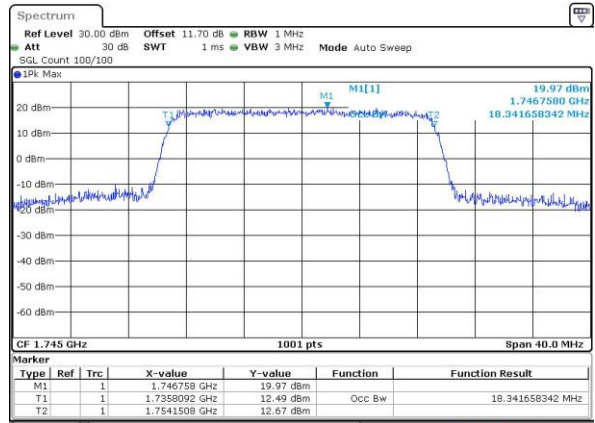
Date: 30.OCT.2016 16:40:00

Highest Channel / 20MHz / QPSK



Date: 30.OCT.2016 16:42:18

Highest Channel / 20MHz / 16QAM



Date: 30.OCT.2016 16:42:28



Conducted Band Edge

