



LTE Band 7 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	22.51	22.44	22.33
5	1	12		22.50	22.39	22.14
5	1	24		22.36	22.33	22.09
5	12	0		21.47	21.46	21.33
5	12	6		21.45	21.48	21.29
5	12	11		21.50	21.47	21.24
5	25	0		21.41	21.39	21.26
5	1	0	16-QAM	21.77	21.72	21.55
5	1	12		21.65	21.68	21.51
5	1	24		21.69	21.64	21.34
5	12	0		20.40	20.37	20.55
5	12	6		20.43	20.36	20.26
5	12	11		20.48	20.39	20.16
5	25	0		20.43	20.35	20.30
10	1	0	QPSK	22.51	22.56	22.25
10	1	24		22.46	22.42	22.23
10	1	49		22.39	22.21	22.07
10	25	0		21.47	21.39	21.42
10	25	12		21.50	21.42	21.34
10	25	24		21.48	21.39	21.30
10	50	0		21.57	21.50	21.37
10	1	0	16-QAM	21.71	21.66	21.57
10	1	24		21.66	21.61	21.44
10	1	49		21.70	21.60	21.43
10	25	0		20.56	20.49	20.34
10	25	12		20.52	20.40	20.28
10	25	24		20.51	20.57	20.28
10	50	0		20.47	20.39	20.21



LTE Band 7 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	22.51	22.47	22.37
15	1	37		22.39	22.29	22.18
15	1	74		22.44	22.46	22.14
15	36	0		21.55	21.51	21.30
15	36	18		21.46	21.40	21.32
15	36	37		21.34	21.41	21.26
15	75	0		21.40	21.40	21.39
15	1	0	16-QAM	21.80	22.09	21.64
15	1	37		21.64	21.66	21.36
15	1	74		21.59	21.60	21.47
15	36	0		20.53	20.51	20.38
15	36	18		20.54	20.41	20.32
15	36	37		20.34	20.40	20.18
15	75	0		20.39	20.40	20.40
20	1	0	QPSK	22.55	22.59	22.51
20	1	49		22.52	22.36	22.48
20	1	99		22.23	22.57	22.21
20	50	0		21.54	21.58	21.48
20	50	24		21.44	21.46	21.20
20	50	49		21.39	21.41	21.28
20	100	0		21.40	21.49	21.42
20	1	0	16-QAM	21.83	21.80	21.73
20	1	49		21.71	21.60	21.47
20	1	99		21.53	21.67	21.42
20	50	0		20.49	20.50	20.47
20	50	24		20.44	20.33	20.19
20	50	49		20.37	20.37	20.28
20	100	0		20.38	20.35	20.32



LTE Band 4

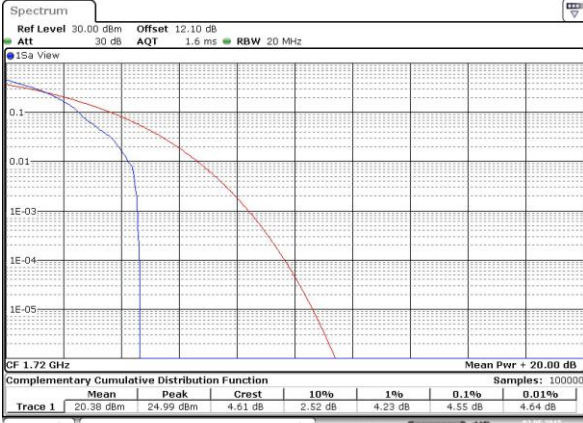
Peak-to-Average Ratio

Mode	LTE Band 4 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.55	5.04	4.93	6	PASS
Middle CH	3.97	4.9	5.01	5.94	
Highest CH	4.52	5.07	5.04	6.12	



LTE Band 4 / 20MHz / QPSK

Lowest Channel / 1RB



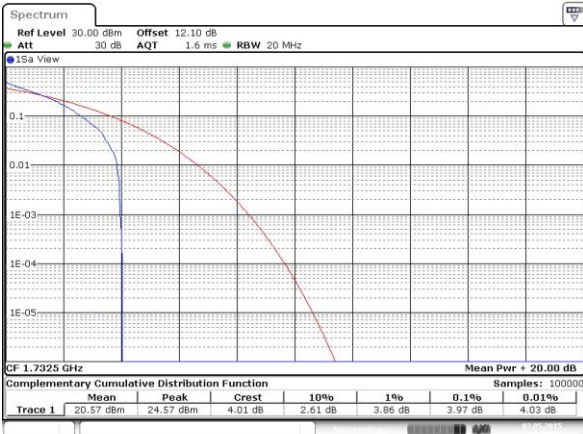
Date: 2 MAY 2015 10:45:36

Lowest Channel / Full RB



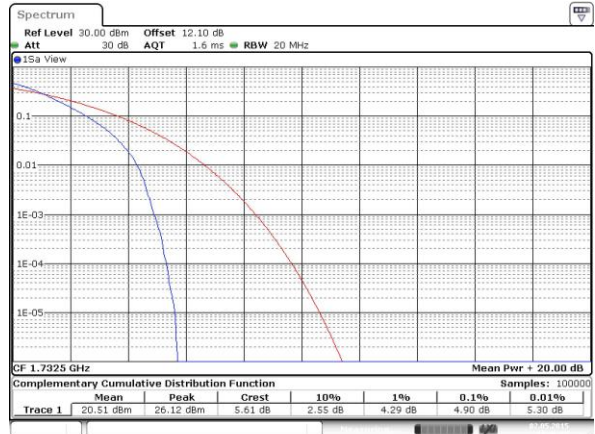
Date: 2 MAY 2015 10:45:45

Middle Channel / 1RB



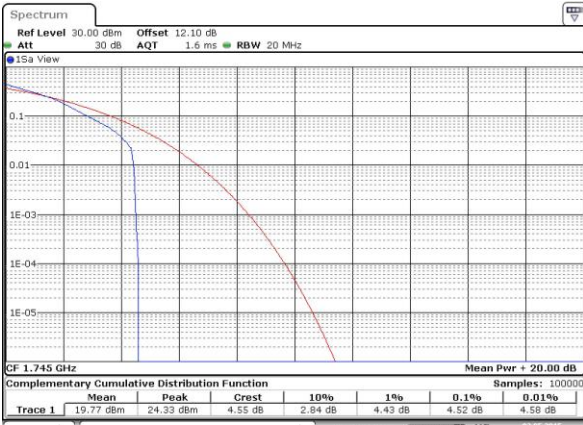
Date: 2 MAY 2015 10:45:56

Middle Channel / Full RB



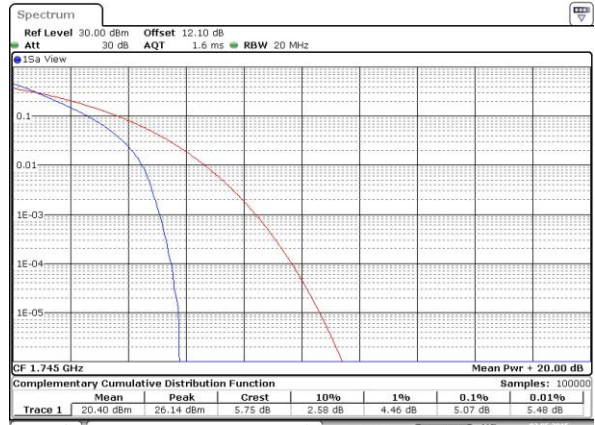
Date: 2 MAY 2015 10:46:07

Highest Channel / 1RB



Date: 2 MAY 2015 10:46:18

Highest Channel / Full RB



Date: 2 MAY 2015 10:46:29



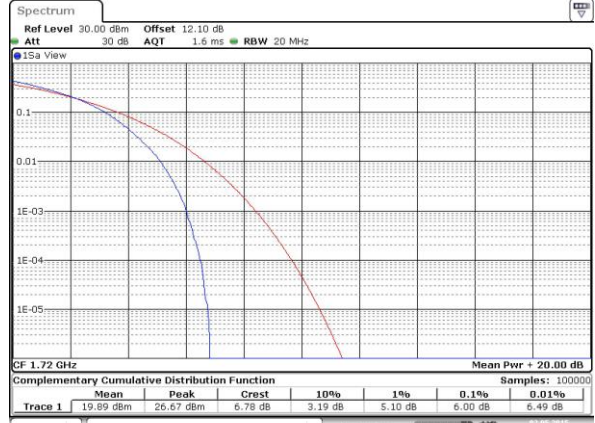
LTE Band 4 / 20MHz / 16QAM

Lowest Channel / 1RB



Date: 2 MAY 2015 10:44:22

Lowest Channel / Full RB



Date: 2 MAY 2015 10:44:39

Middle Channel / 1RB



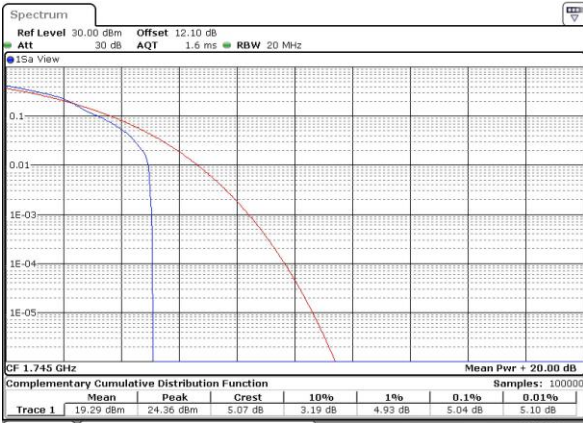
Date: 2 MAY 2015 10:44:52

Middle Channel / Full RB



Date: 2 MAY 2015 10:45:04

Highest Channel / 1RB



Date: 2 MAY 2015 10:45:15

Highest Channel / Full RB



Date: 2 MAY 2015 10:45:25



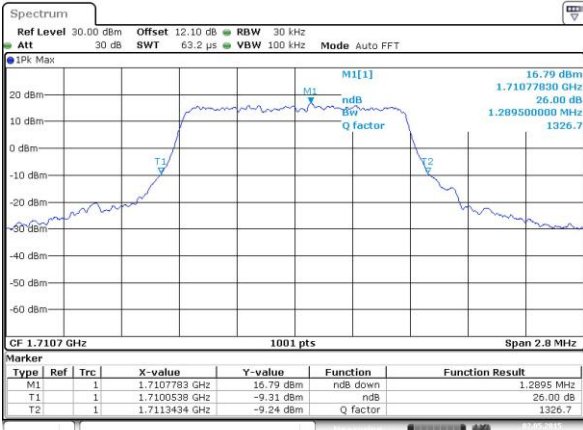
26dB Bandwidth

Mode	LTE Band 4 : 26dB BW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
BW	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.29	1.31	3.05	3.06	5.05	5.02	10.05	10.01	14.66	14.63	20.26	20.14
Middle CH	1.29	1.31	3.06	3.05	5.06	5.07	10.03	9.87	14.57	14.75	20.14	20.14
Highest CH	1.30	1.31	3.05	3.06	5.04	5.06	9.95	9.99	14.69	14.60	20.42	20.50



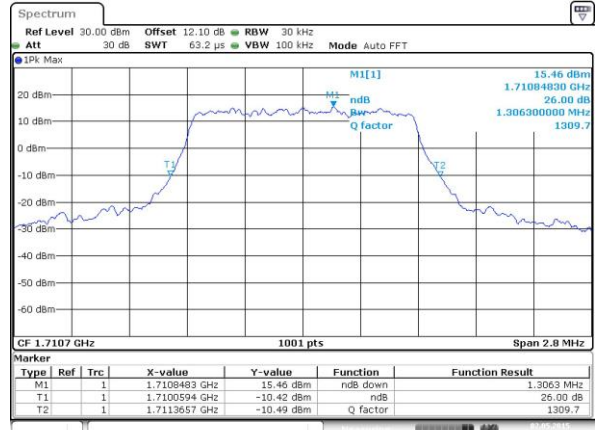
LTE Band 4

Lowest Channel / 1.4MHz / QPSK



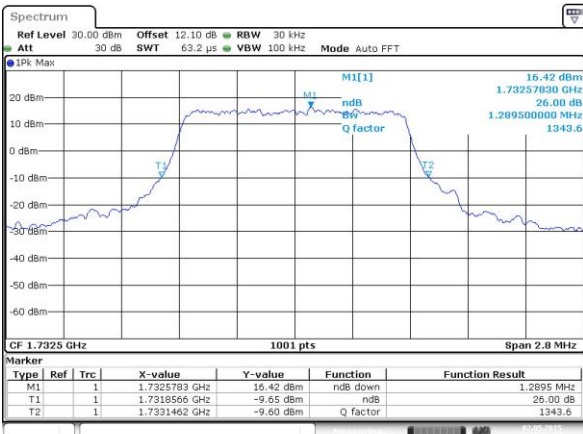
Date: 2 MAY 2015 10:48:54

Lowest Channel / 1.4MHz / 16QAM



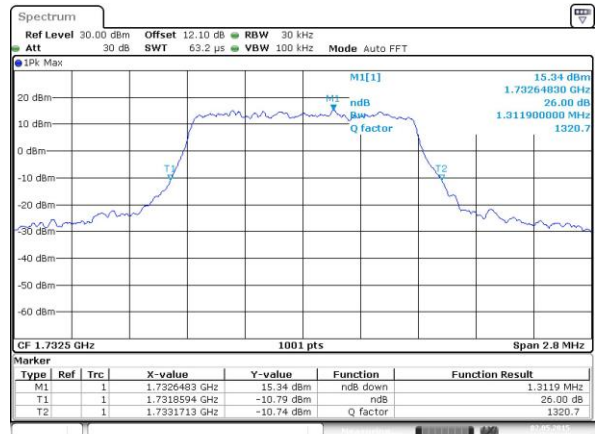
Date: 2 MAY 2015 10:23:53

Middle Channel / 1.4MHz / QPSK



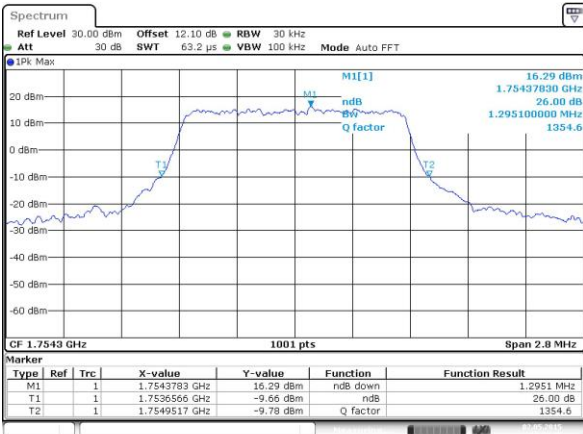
Date: 2 MAY 2015 10:31:33

Middle Channel / 1.4MHz / 16QAM



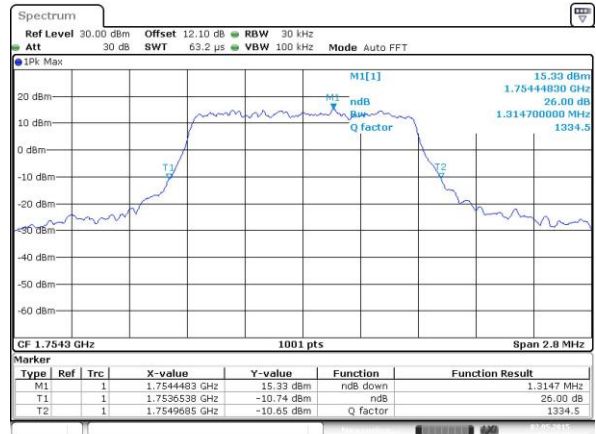
Date: 2 MAY 2015 10:31:45

Highest Channel / 1.4MHz / QPSK



Date: 2 MAY 2015 10:34:45

Highest Channel / 1.4MHz / 16QAM

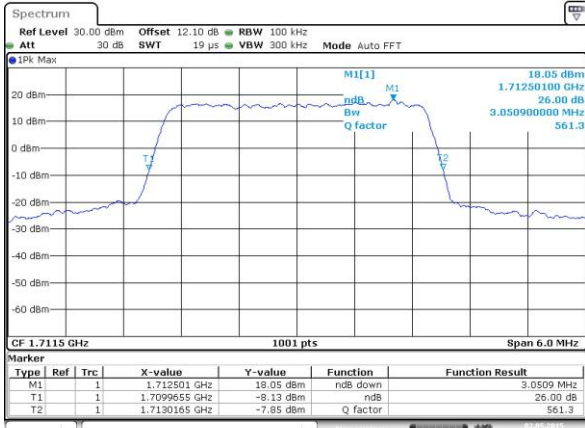


Date: 2 MAY 2015 10:34:58



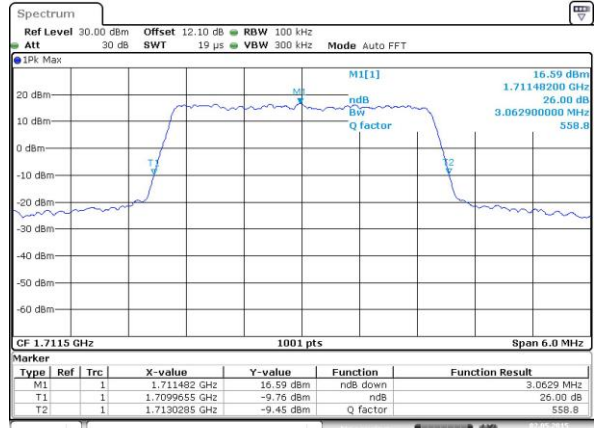
LTE Band 4

Lowest Channel / 3MHz / QPSK



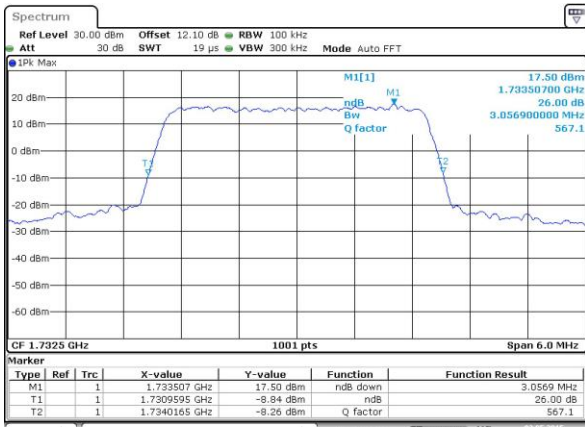
Date: 2 MAY 2015 08:46:52

Lowest Channel / 3MHz / 16QAM



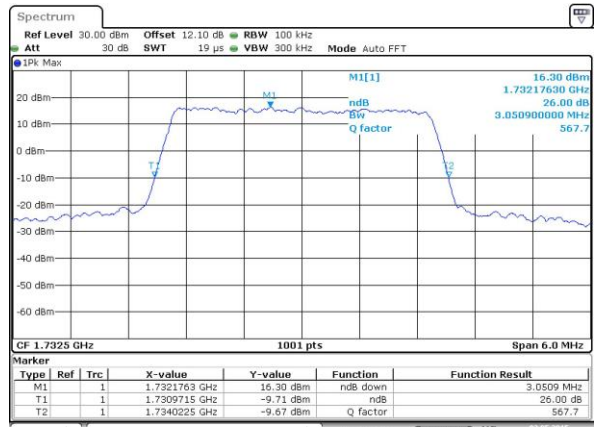
Date: 2 MAY 2015 08:47:04

Middle Channel / 3MHz / QPSK



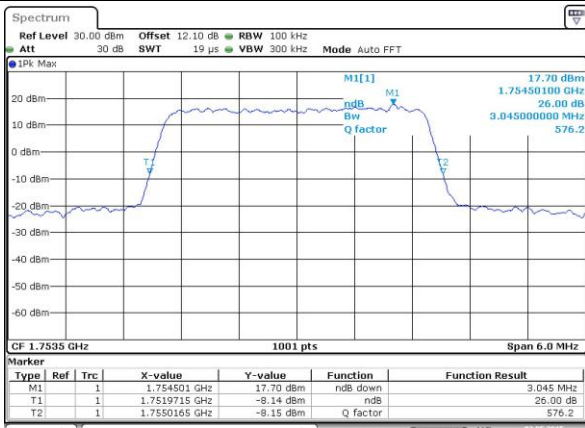
Date: 2 MAY 2015 08:54:44

Middle Channel / 3MHz / 16QAM



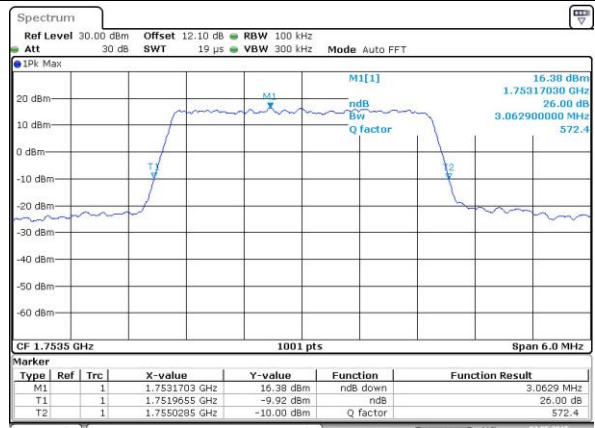
Date: 2 MAY 2015 08:54:57

Highest Channel / 3MHz / QPSK



Date: 2 MAY 2015 08:57:57

Highest Channel / 3MHz / 16QAM

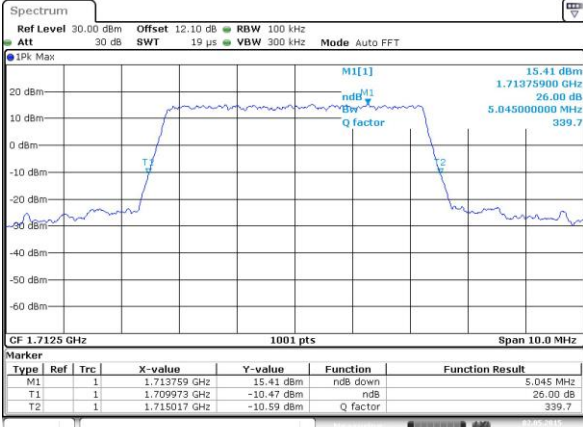


Date: 2 MAY 2015 08:58:10



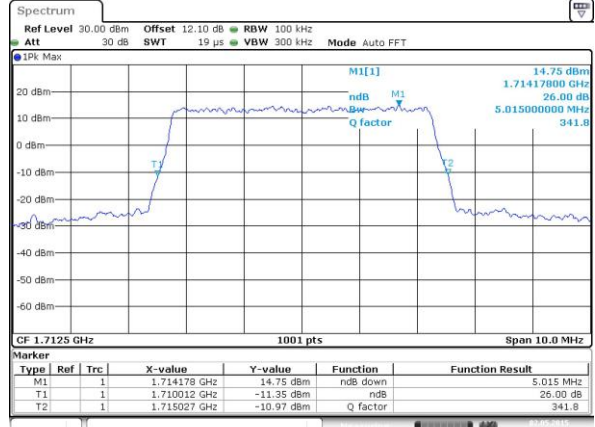
LTE Band 4

Lowest Channel / 5MHz / QPSK



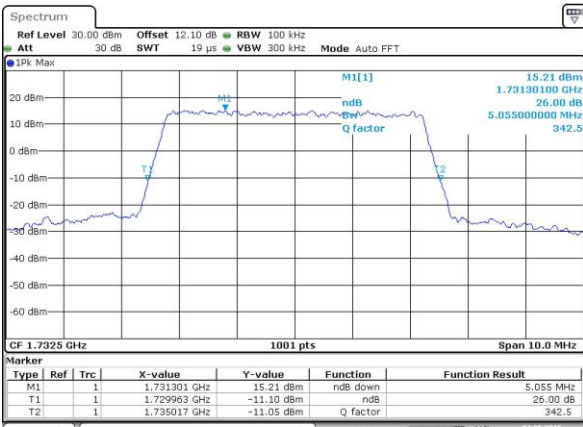
Date: 2 MAY 2015 09:05:50

Lowest Channel / 5MHz / 16QAM



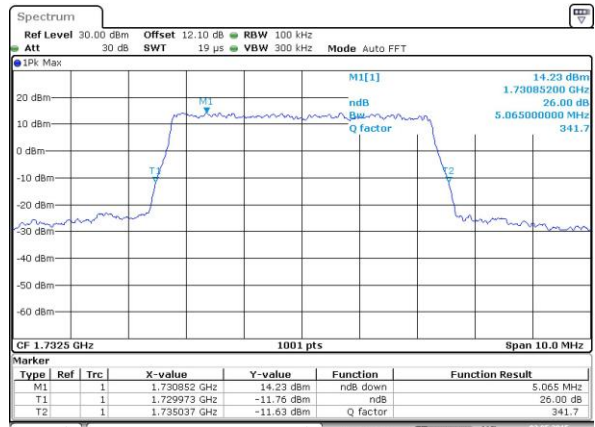
Date: 2 MAY 2015 09:06:02

Middle Channel / 5MHz / QPSK



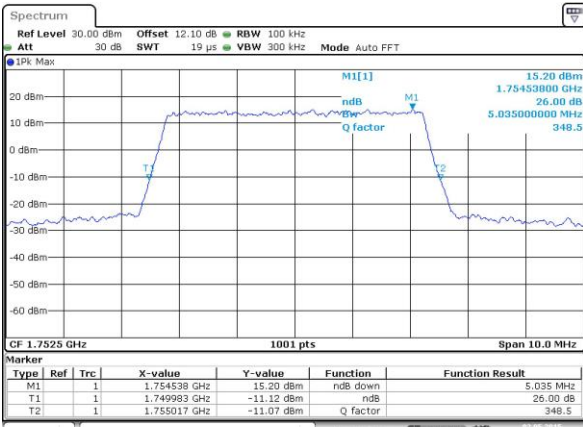
Date: 2 MAY 2015 09:13:40

Middle Channel / 5MHz / 16QAM



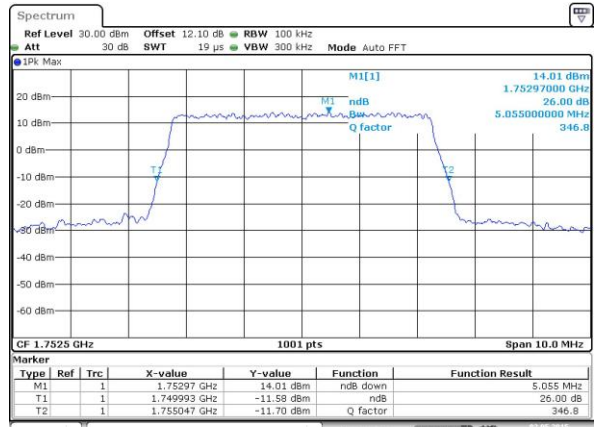
Date: 2 MAY 2015 09:13:53

Highest Channel / 5MHz / QPSK



Date: 2 MAY 2015 09:16:52

Highest Channel / 5MHz / 16QAM

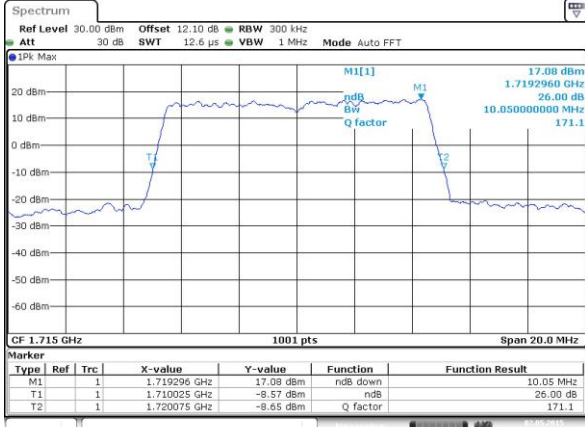


Date: 2 MAY 2015 09:17:04



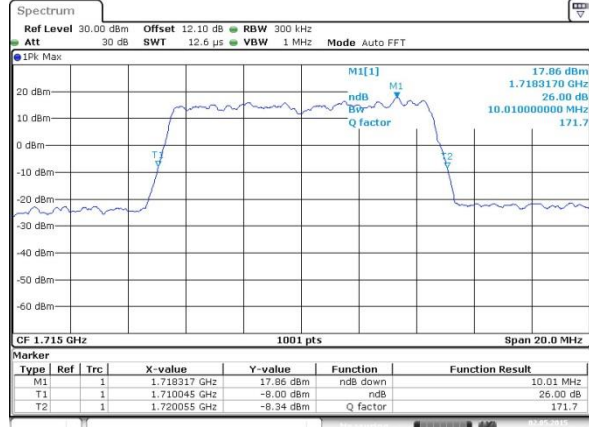
LTE Band 4

Lowest Channel / 10MHz / QPSK



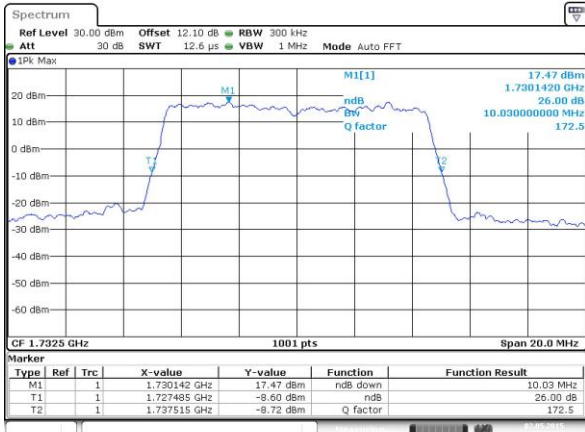
Date: 2 MAY 2015 09:24:42

Lowest Channel / 10MHz / 16QAM



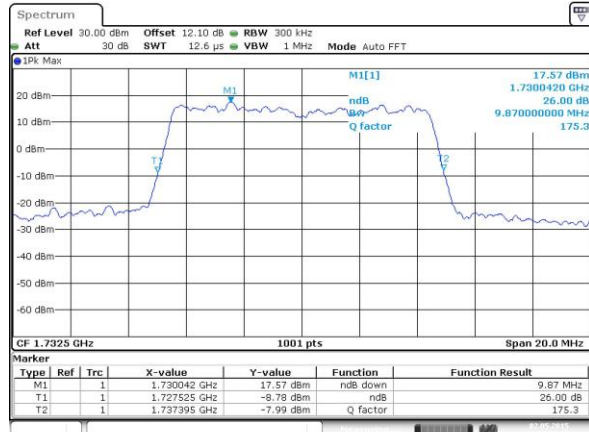
Date: 2 MAY 2015 09:24:55

Middle Channel / 10MHz / QPSK



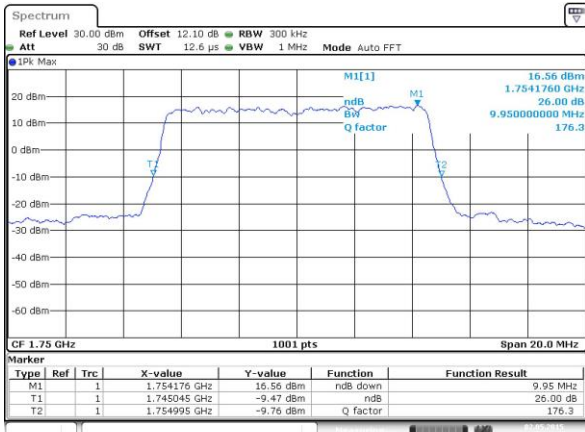
Date: 2 MAY 2015 09:32:33

Middle Channel / 10MHz / 16QAM



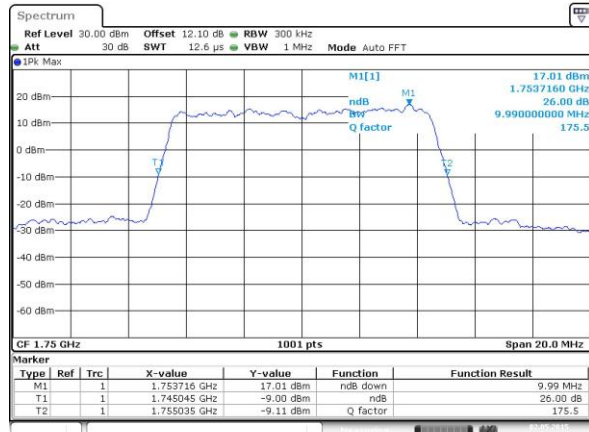
Date: 2 MAY 2015 09:32:45

Highest Channel / 10MHz / QPSK



Date: 2 MAY 2015 09:35:44

Highest Channel / 10MHz / 16QAM

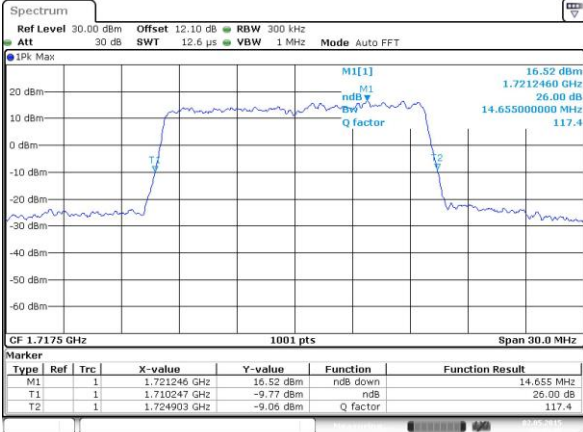


Date: 2 MAY 2015 09:35:57



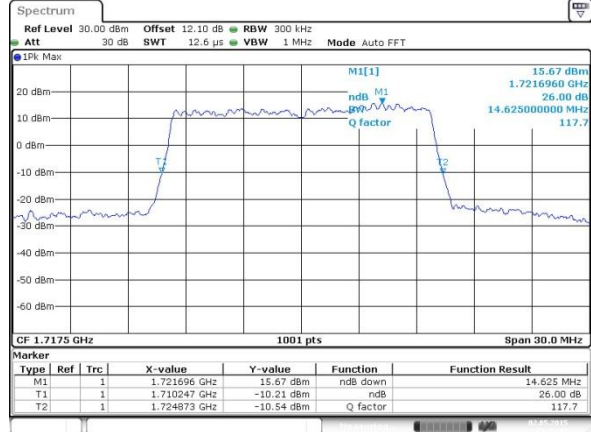
LTE Band 4

Lowest Channel / 15MHz / QPSK



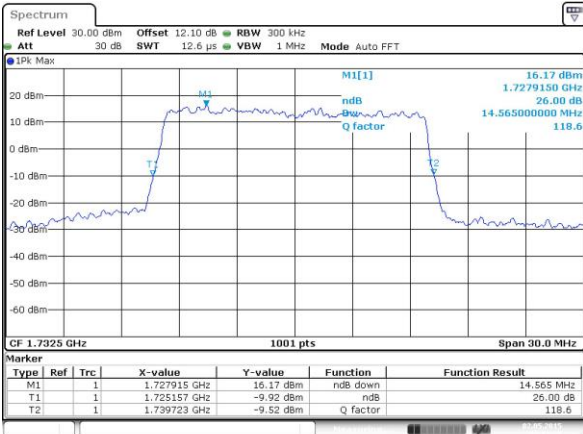
Date: 2 MAY 2015 09:43:35

Lowest Channel / 15MHz / 16QAM



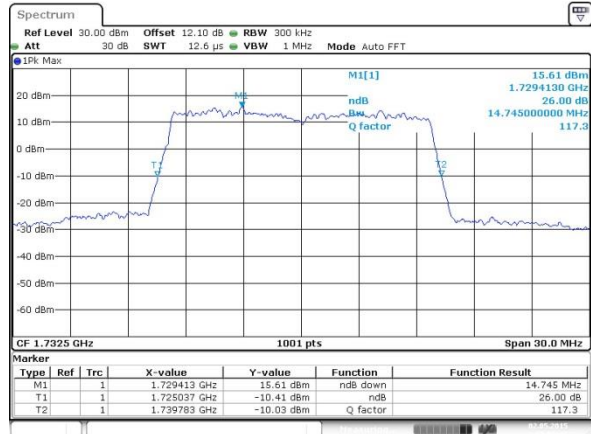
Date: 2 MAY 2015 09:43:47

Middle Channel / 15MHz / QPSK



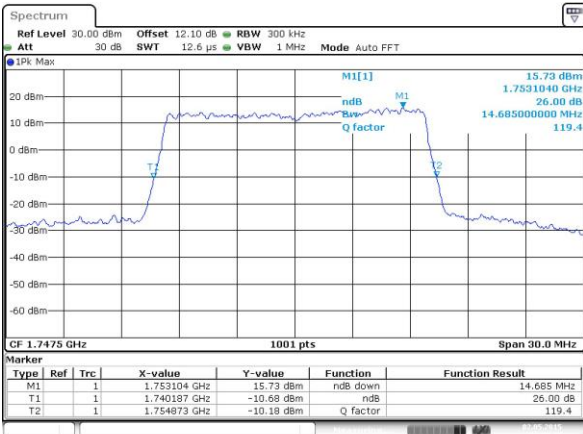
Date: 2 MAY 2015 09:51:25

Middle Channel / 15MHz / 16QAM



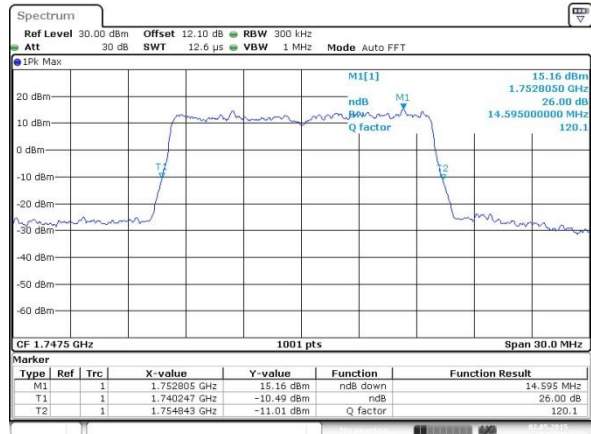
Date: 2 MAY 2015 09:51:38

Highest Channel / 15MHz / QPSK



Date: 2 MAY 2015 09:54:37

Highest Channel / 15MHz / 16QAM

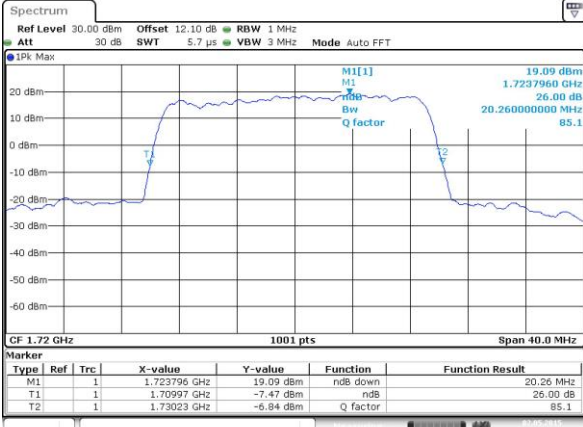


Date: 2 MAY 2015 09:54:49



LTE Band 4

Lowest Channel / 20MHz / QPSK



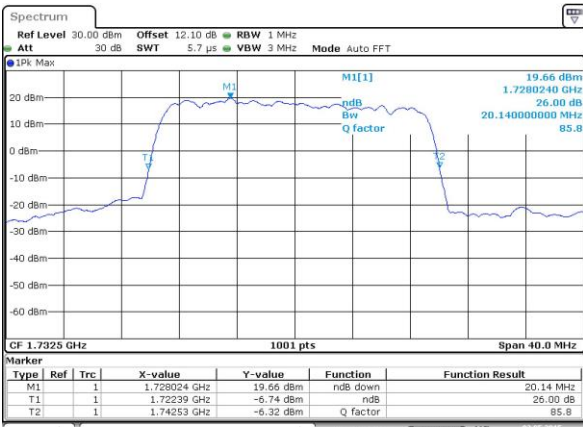
Date: 2 MAY 2015 10:02:28

Lowest Channel / 20MHz / 16QAM



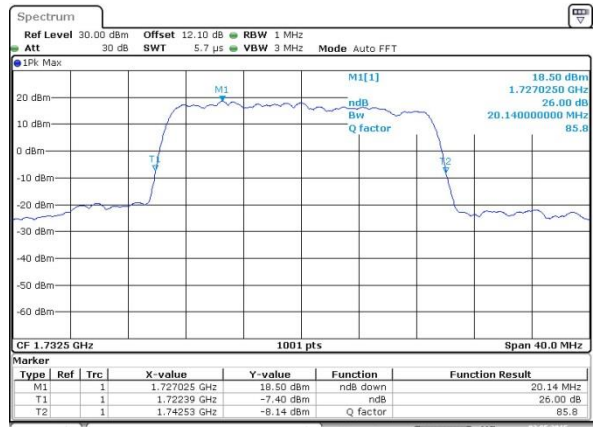
Date: 2 MAY 2015 10:02:41

Middle Channel / 20MHz / QPSK



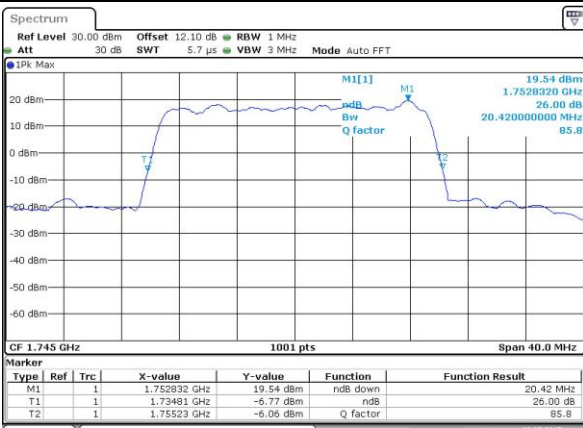
Date: 2 MAY 2015 10:10:19

Middle Channel / 20MHz / 16QAM



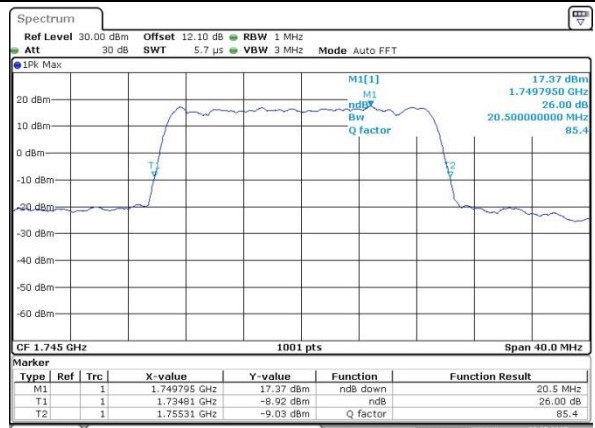
Date: 2 MAY 2015 10:10:31

Highest Channel / 20MHz / QPSK



Date: 2 MAY 2015 10:13:31

Highest Channel / 20MHz / 16QAM



Date: 2 MAY 2015 10:13:43



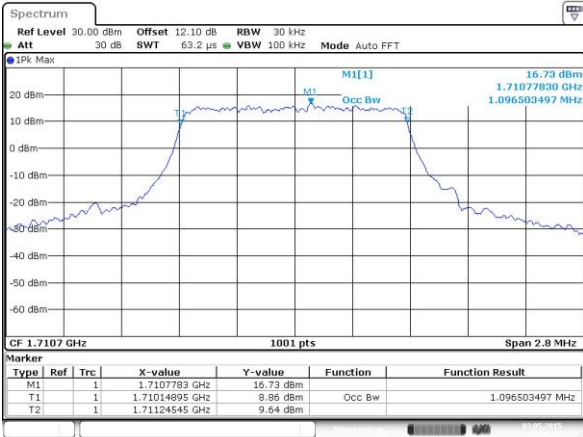
Occupied Bandwidth

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
Lowest CH	1.1	1.1	2.73	2.73	4.5	4.5	9.05	9.05	13.46	13.43	18.38	18.42
Middle CH	1.1	1.1	2.73	2.73	4.51	4.51	9.05	9.05	13.49	13.46	18.26	18.3
Highest CH	1.1	1.1	2.73	2.73	4.5	4.5	9.03	9.03	13.46	13.52	18.42	18.54



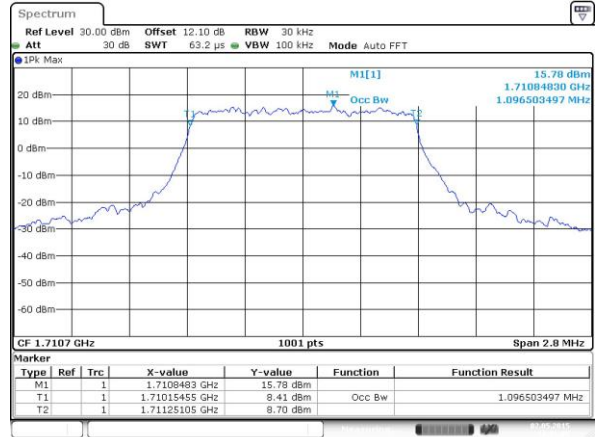
LTE Band 4

Lowest Channel / 1.4MHz / QPSK



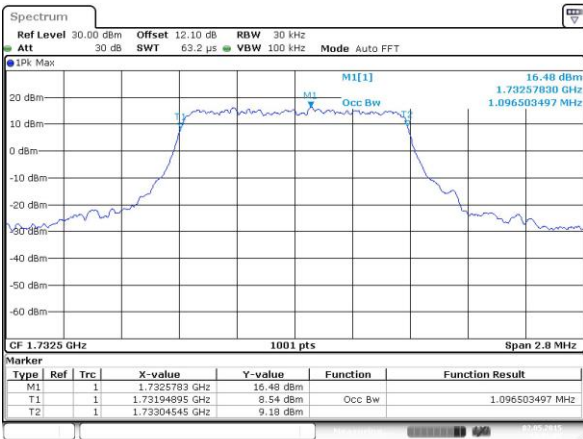
Date: 2 MAY 2015 10:48:32

Lowest Channel / 1.4MHz / 16QAM



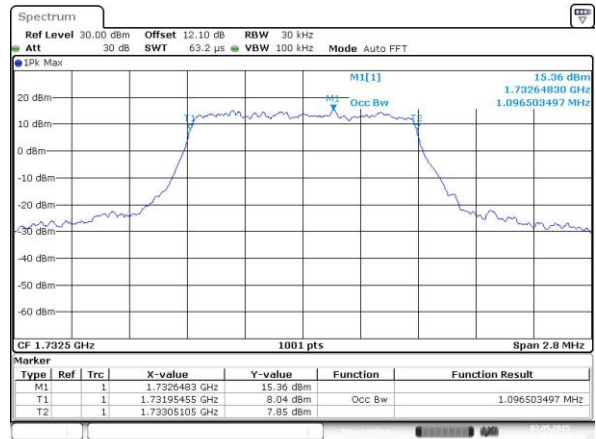
Date: 2 MAY 2015 10:21:09

Middle Channel / 1.4MHz / QPSK



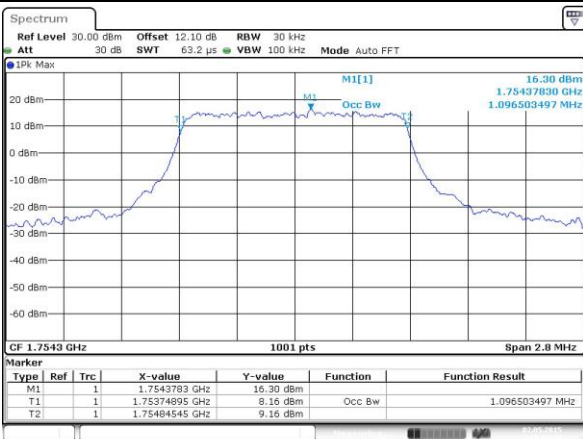
Date: 2 MAY 2015 10:31:09

Middle Channel / 1.4MHz / 16QAM



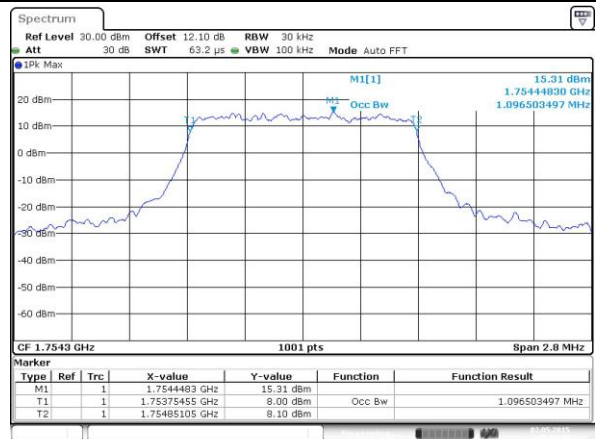
Date: 2 MAY 2015 10:31:20

Highest Channel / 1.4MHz / QPSK



Date: 2 MAY 2015 10:34:22

Highest Channel / 1.4MHz / 16QAM

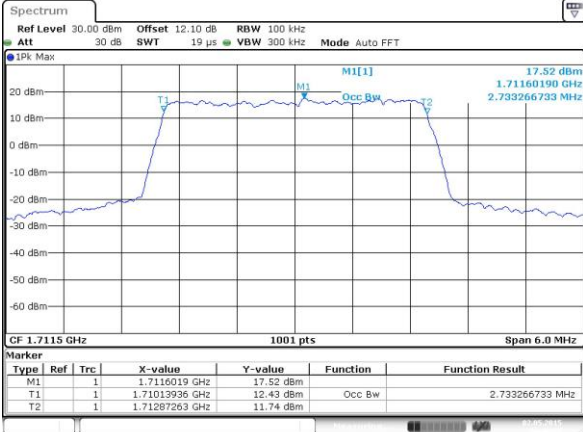


Date: 2 MAY 2015 10:34:33



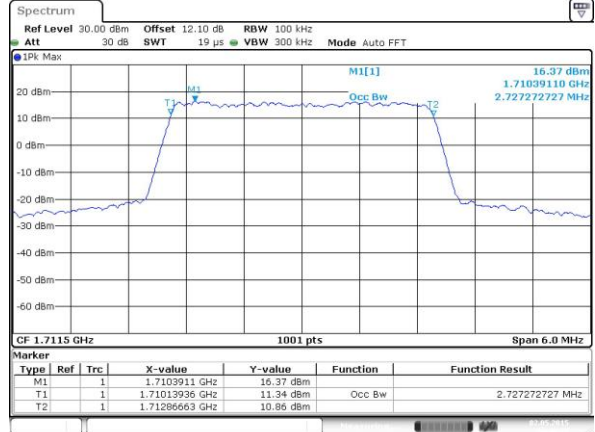
LTE Band 4

Lowest Channel / 3MHz / QPSK



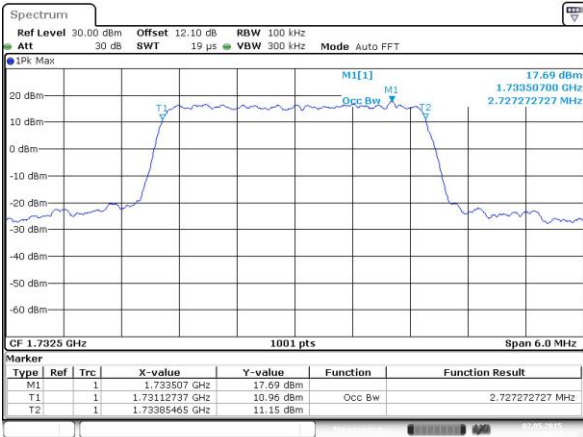
Date: 2 MAY 2015 08:46:28

Lowest Channel / 3MHz / 16QAM



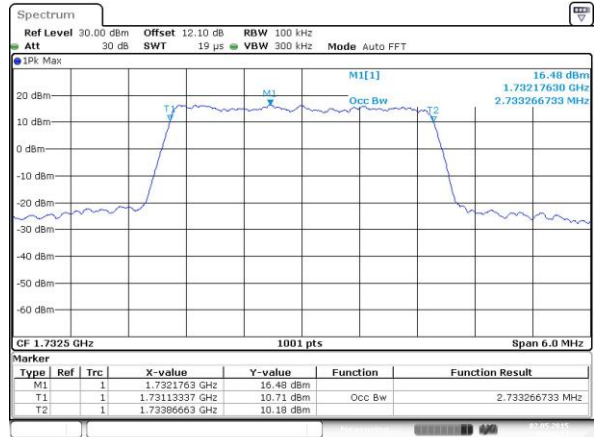
Date: 2 MAY 2015 08:46:39

Middle Channel / 3MHz / QPSK



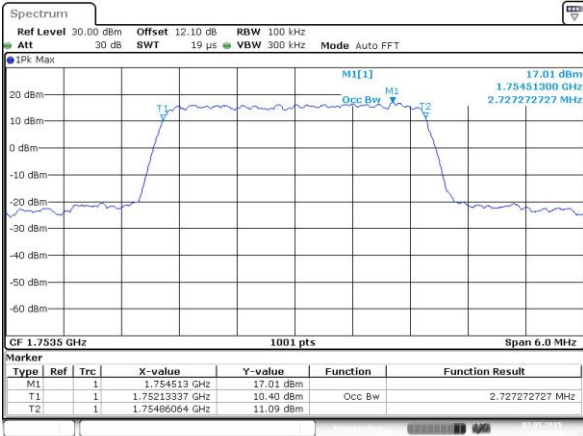
Date: 2 MAY 2015 08:54:21

Middle Channel / 3MHz / 16QAM



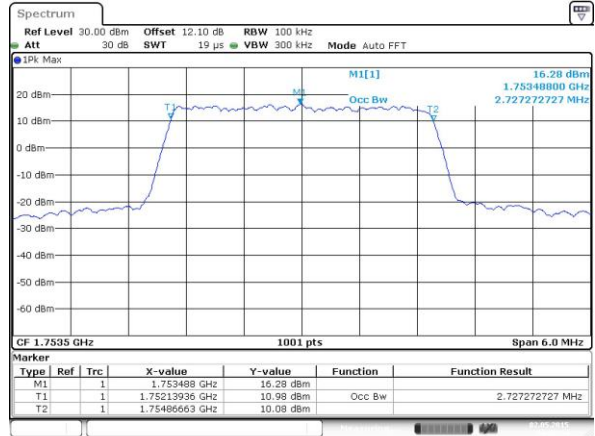
Date: 2 MAY 2015 08:54:32

Highest Channel / 3MHz / QPSK



Date: 2 MAY 2015 08:57:33

Highest Channel / 3MHz / 16QAM



Date: 2 MAY 2015 08:57:44