



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	6.29	5.3	5.91	6.32	PASS
Middle CH	5.28	5.45	6.17	6.35	
Highest CH	5.33	5.39	6.38	6.35	



LTE Band 4 / 20MHz / QPSK

Lowest Channel / 1RB



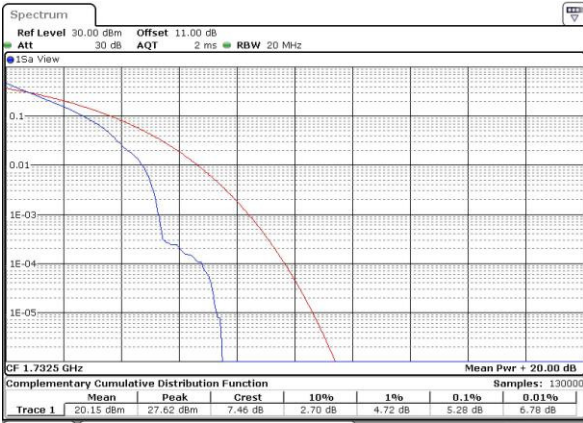
Date: 24.MAR.2016 15:51:13

Lowest Channel / Full RB



Date: 24.MAR.2016 15:51:39

Middle Channel / 1RB



Date: 24.MAR.2016 15:52:06

Middle Channel / Full RB



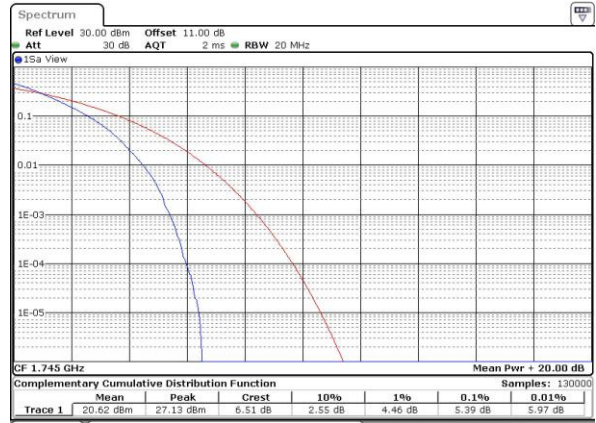
Date: 24.MAR.2016 15:52:18

Highest Channel / 1RB



Date: 24.MAR.2016 15:52:41

Highest Channel / Full RB

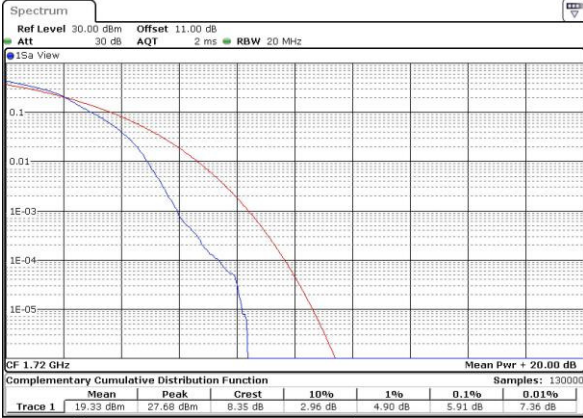


Date: 24.MAR.2016 15:52:52



LTE Band 4 / 20MHz / 16QAM

Lowest Channel / 1RB



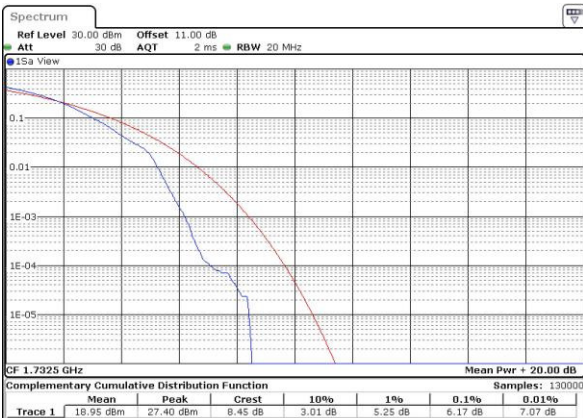
Date: 24.MAR.2016 15:47:47

Lowest Channel / Full RB



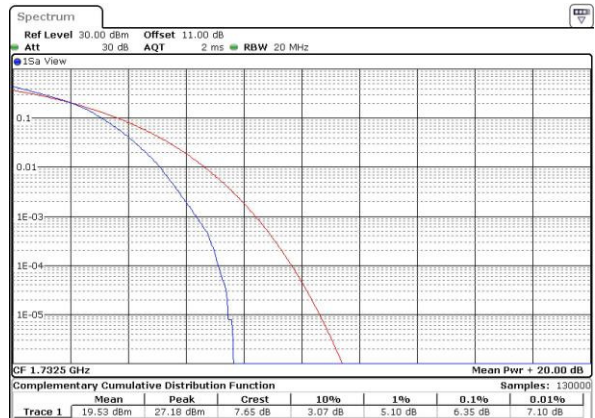
Date: 24.MAR.2016 15:49:06

Middle Channel / 1RB



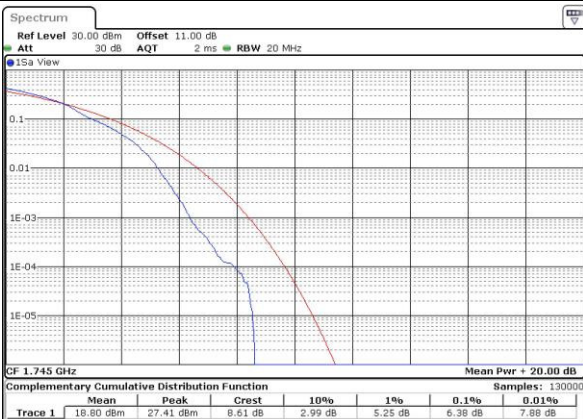
Date: 24.MAR.2016 15:49:24

Middle Channel / Full RB



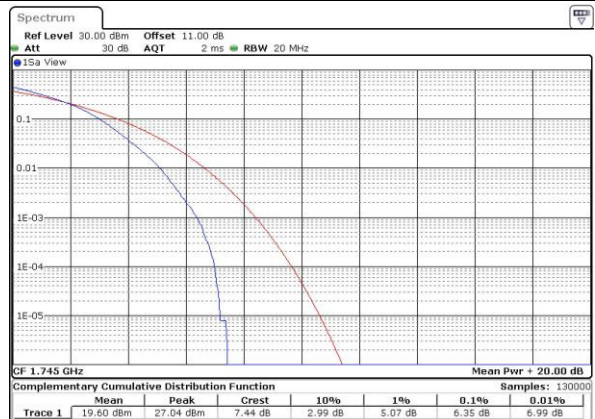
Date: 24.MAR.2016 15:49:35

Highest Channel / 1RB



Date: 24.MAR.2016 15:50:01

Highest Channel / Full RB



Date: 24.MAR.2016 15:50:46



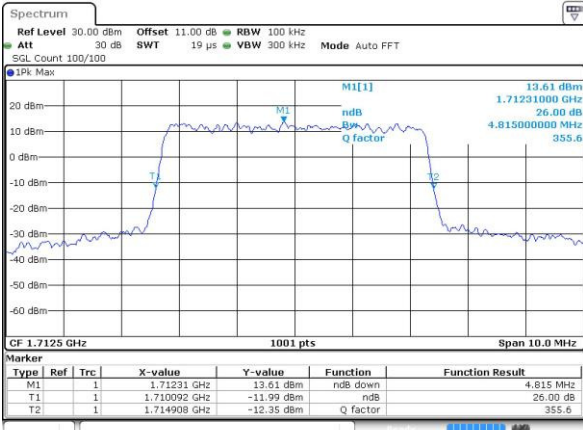
26dB Bandwidth

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
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.82	4.8	9.91	9.61	14.51	14.33	20.18	20.18
Middle CH	-	-	-	-	4.89	4.87	9.91	9.77	14.27	14.18	20.26	20.14
Highest CH	-	-	-	-	4.92	4.89	9.61	9.87	14.27	14.18	20.14	20.14



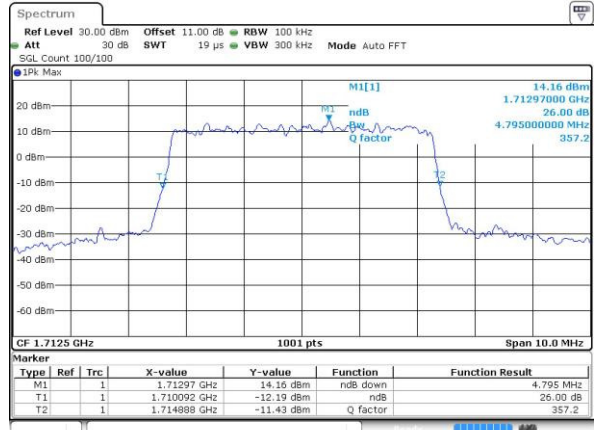
LTE Band 4

Lowest Channel / 5MHz / QPSK



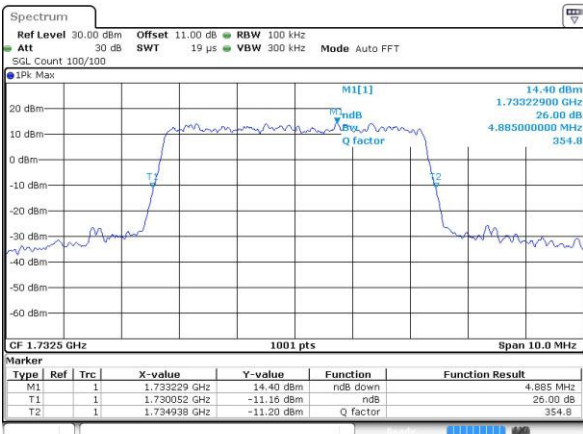
Date: 24 MAR 2016 13:50:42

Lowest Channel / 5MHz / 16QAM



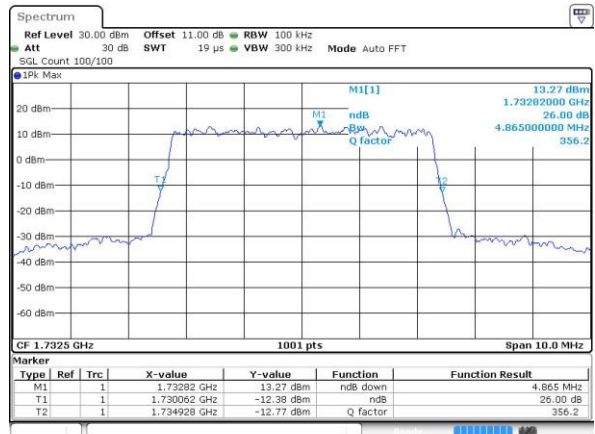
Date: 24 MAR 2016 13:52:48

Middle Channel / 5MHz / QPSK



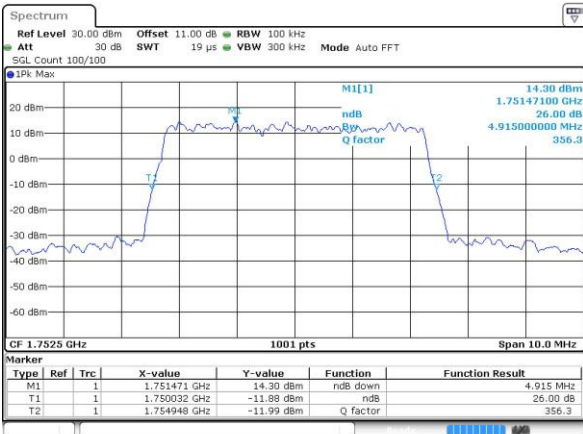
Date: 24 MAR 2016 13:59:46

Middle Channel / 5MHz / 16QAM



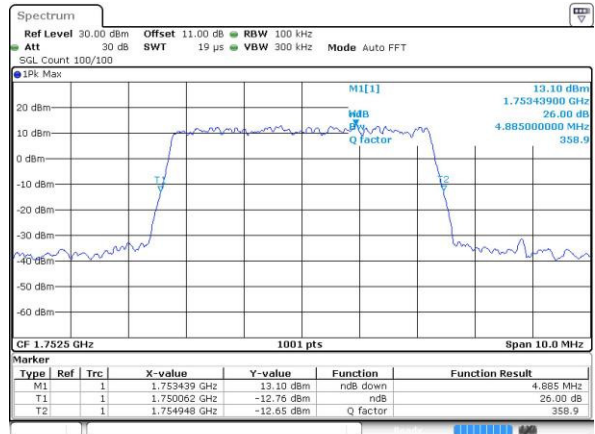
Date: 24 MAR 2016 13:59:57

Highest Channel / 5MHz / QPSK



Date: 24 MAR 2016 14:02:18

Highest Channel / 5MHz / 16QAM

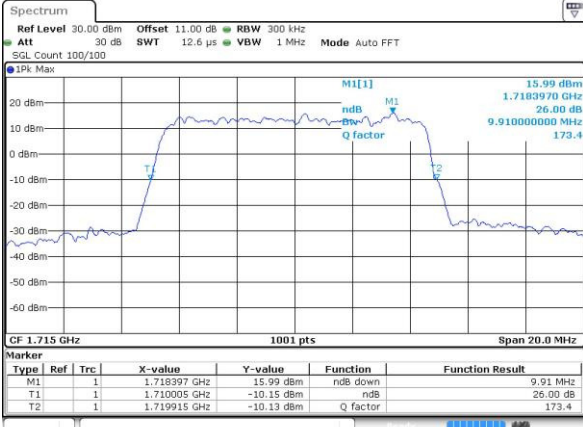


Date: 24 MAR 2016 14:02:28



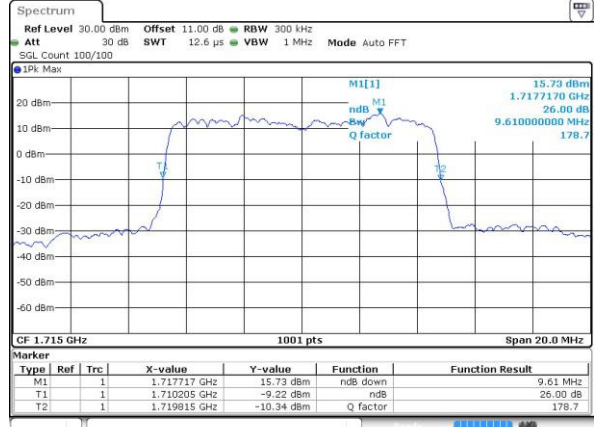
LTE Band 4

Lowest Channel / 10MHz / QPSK



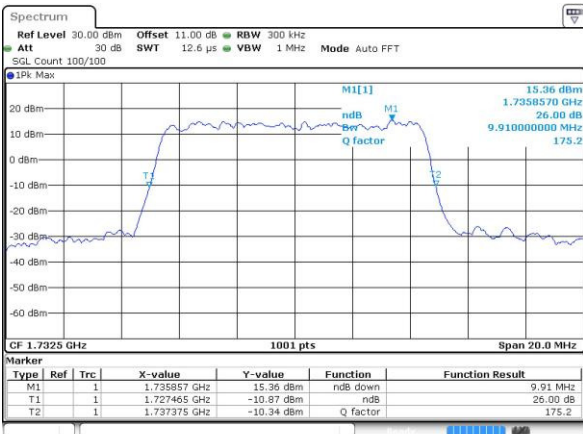
Date: 24 MAR 2016 14:23:25

Lowest Channel / 10MHz / 16QAM



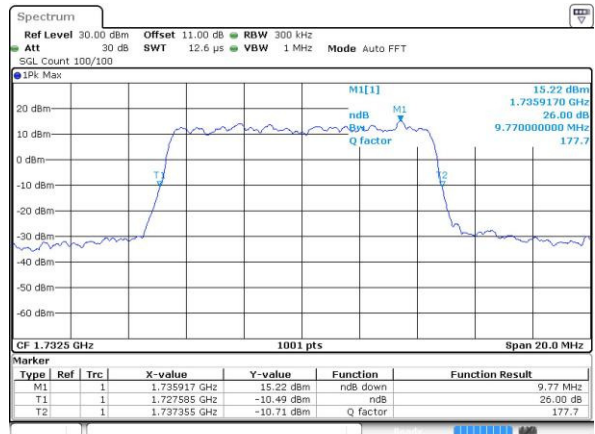
Date: 24 MAR 2016 14:23:35

Middle Channel / 10MHz / QPSK



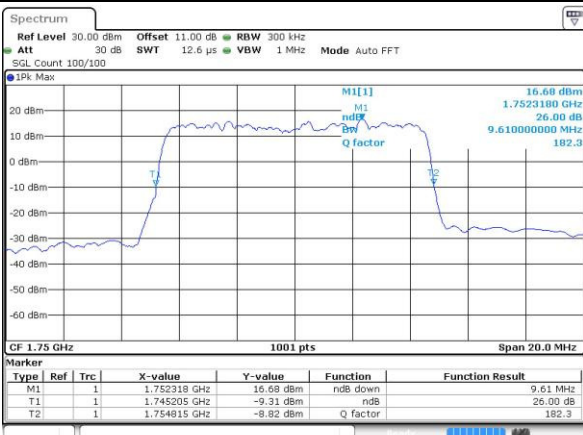
Date: 24 MAR 2016 14:34:14

Middle Channel / 10MHz / 16QAM



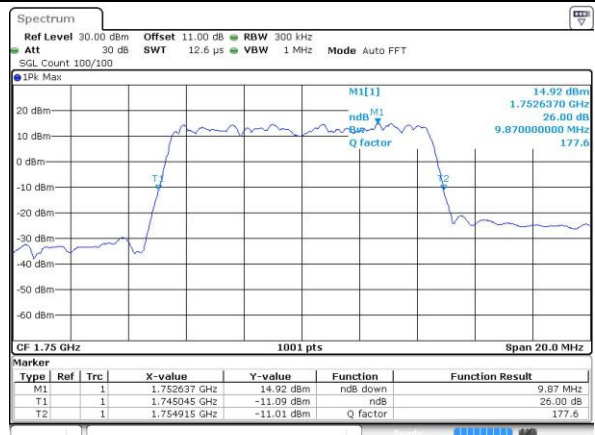
Date: 24 MAR 2016 14:34:24

Highest Channel / 10MHz / QPSK



Date: 24 MAR 2016 14:38:26

Highest Channel / 10MHz / 16QAM

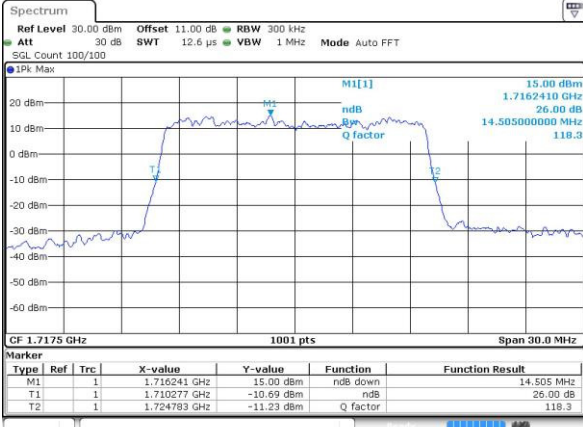


Date: 24 MAR 2016 14:38:36



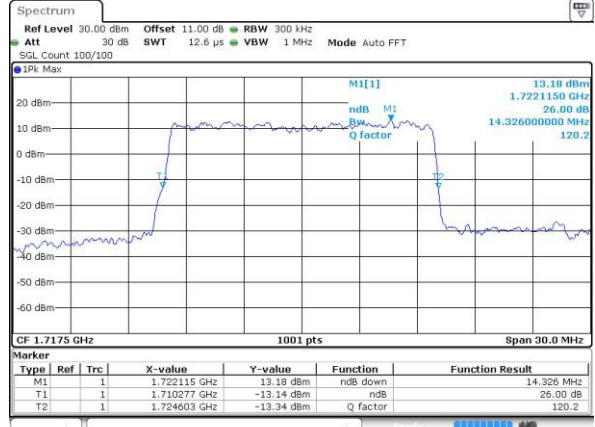
LTE Band 4

Lowest Channel / 15MHz / QPSK



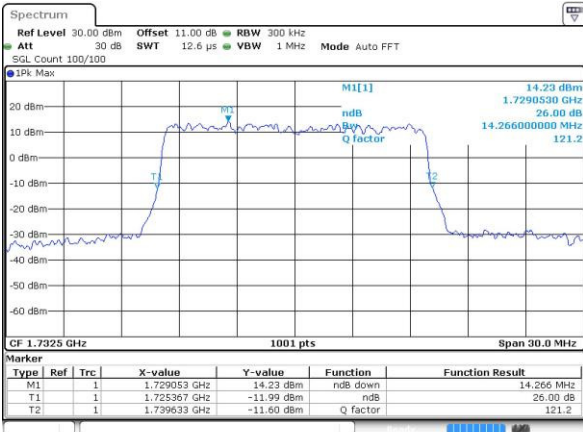
Date: 24 MAR 2016 14:46:49

Lowest Channel / 15MHz / 16QAM



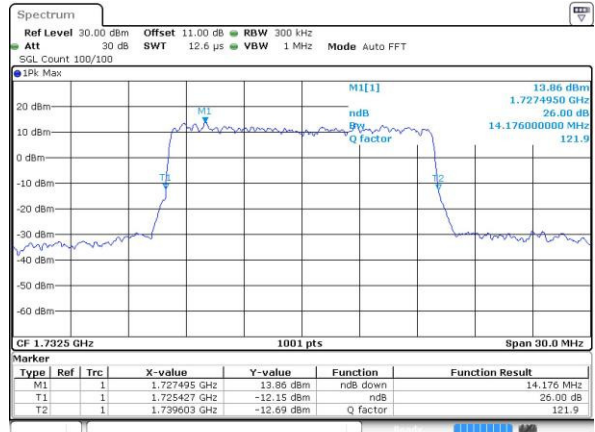
Date: 24 MAR 2016 14:47:00

Middle Channel / 15MHz / QPSK



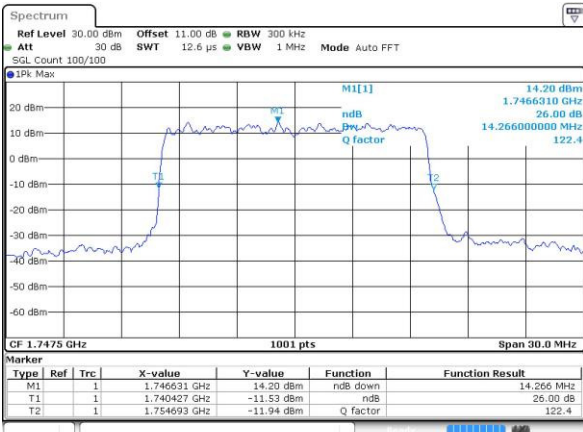
Date: 24 MAR 2016 15:03:31

Middle Channel / 15MHz / 16QAM



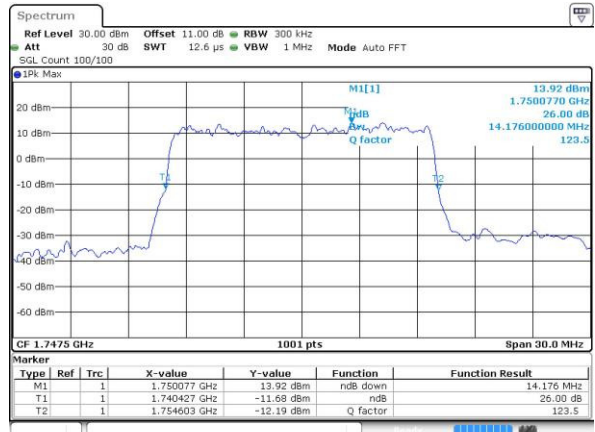
Date: 24 MAR 2016 15:03:41

Highest Channel / 15MHz / QPSK



Date: 24 MAR 2016 15:06:03

Highest Channel / 15MHz / 16QAM

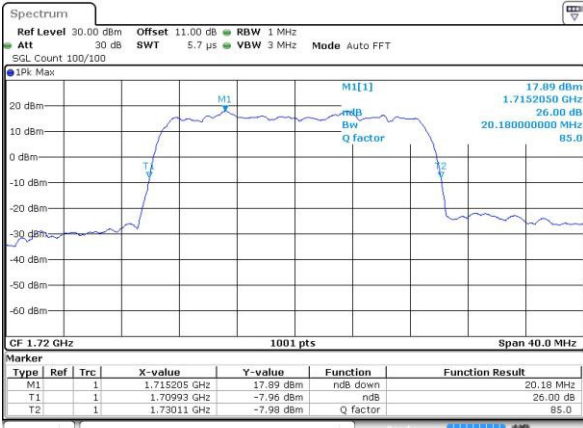


Date: 24 MAR 2016 15:06:13



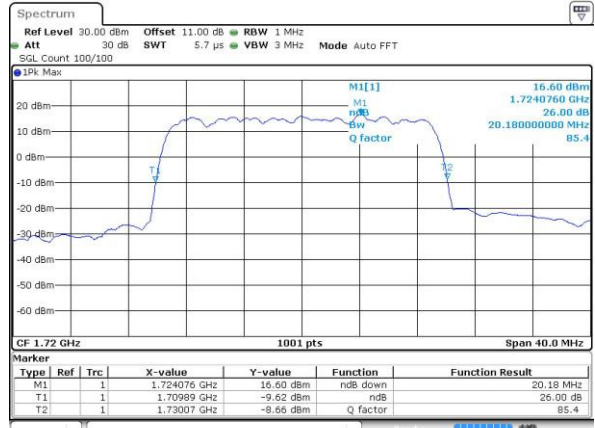
LTE Band 4

Lowest Channel / 20MHz / QPSK



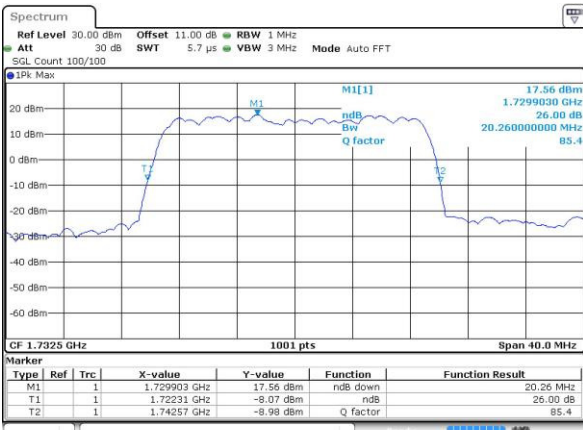
Date: 24 MAR 2016 15:25:41

Lowest Channel / 20MHz / 16QAM



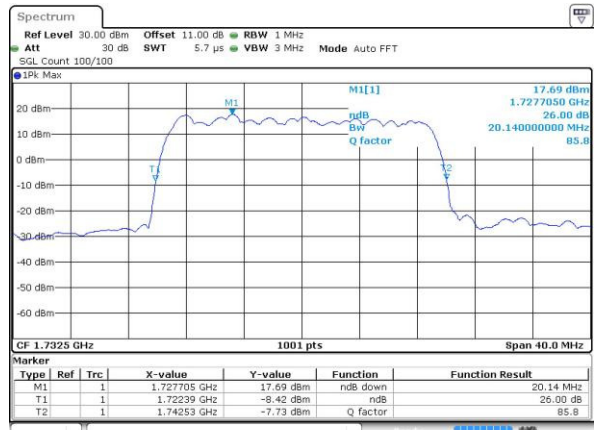
Date: 24 MAR 2016 15:25:51

Middle Channel / 20MHz / QPSK



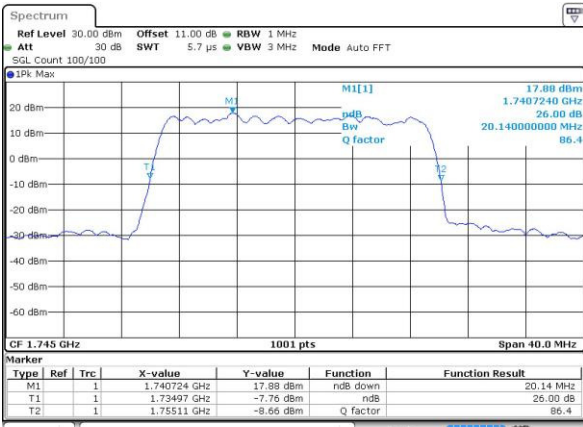
Date: 24 MAR 2016 15:37:34

Middle Channel / 20MHz / 16QAM



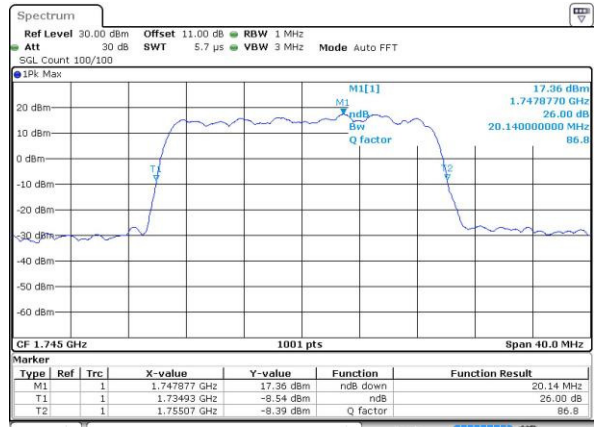
Date: 24 MAR 2016 15:37:45

Highest Channel / 20MHz / QPSK



Date: 24 MAR 2016 15:40:06

Highest Channel / 20MHz / 16QAM



Date: 24 MAR 2016 15:40:17



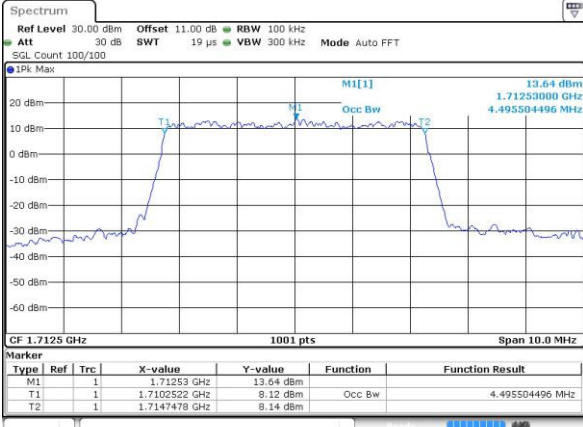
Occupied Bandwidth

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	-	-	-	-	4.5	4.49	9.01	8.99	13.43	13.4	18.3	18.38
Middle CH	-	-	-	-	4.49	4.47	9.03	9.03	13.49	13.46	18.34	18.42
Highest CH	-	-	-	-	4.49	4.5	9.03	9.01	13.46	13.52	18.38	18.42



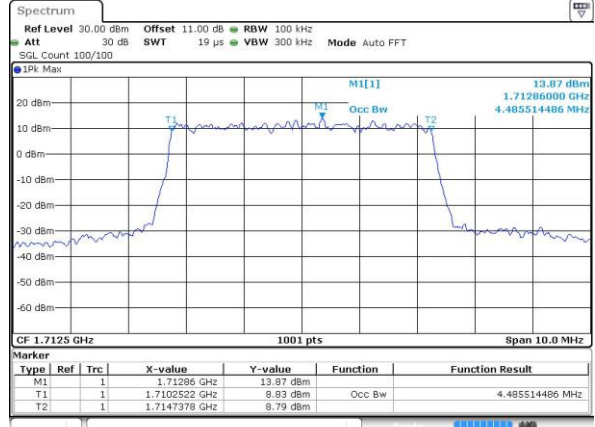
LTE Band 4

Lowest Channel / 5MHz / QPSK



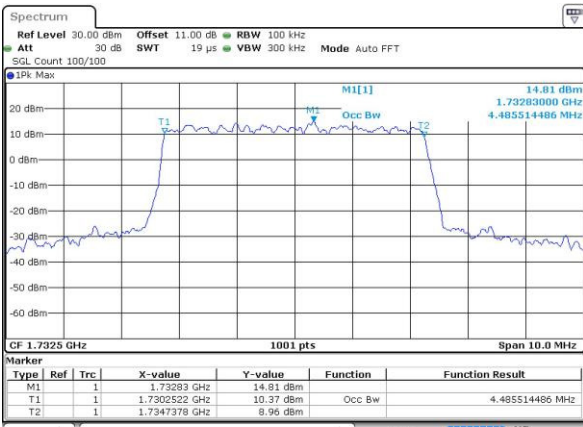
Date: 24 MAR 2016 13:50:21

Lowest Channel / 5MHz / 16QAM



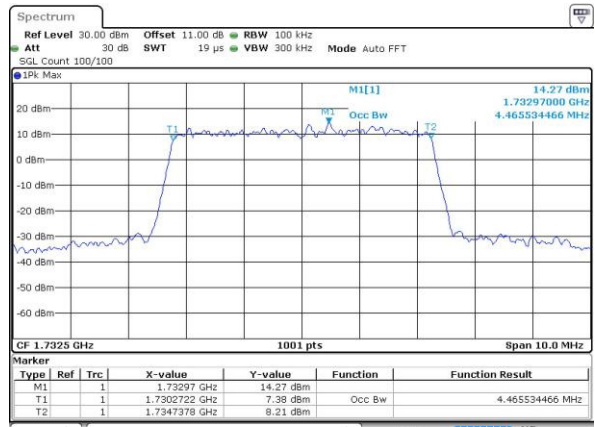
Date: 24 MAR 2016 13:50:32

Middle Channel / 5MHz / QPSK



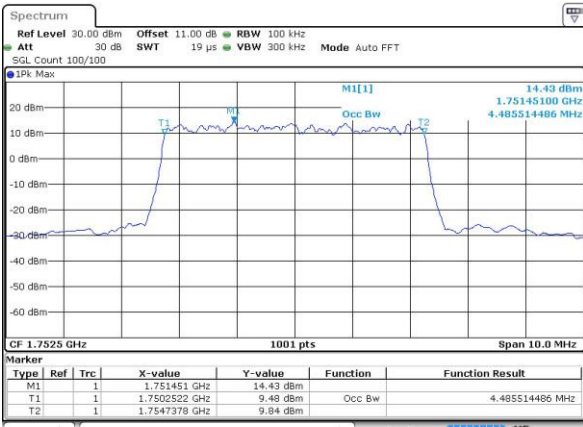
Date: 24 MAR 2016 13:59:25

Middle Channel / 5MHz / 16QAM



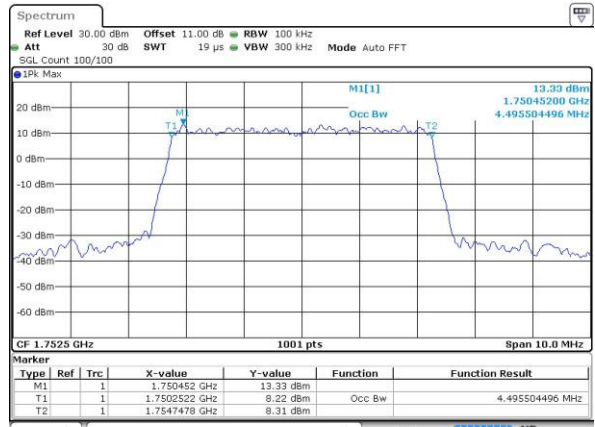
Date: 24 MAR 2016 13:59:36

Highest Channel / 5MHz / QPSK



Date: 24 MAR 2016 14:01:57

Highest Channel / 5MHz / 16QAM

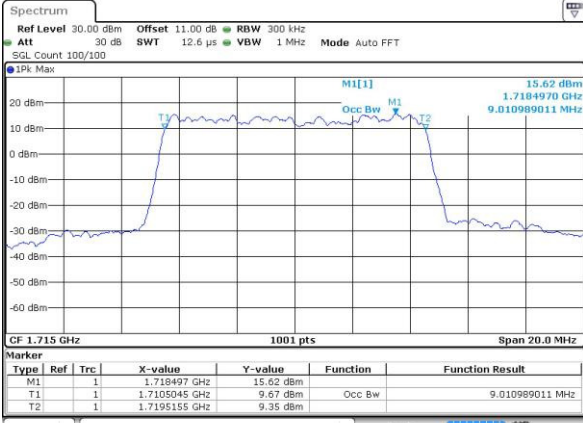


Date: 24 MAR 2016 14:02:07



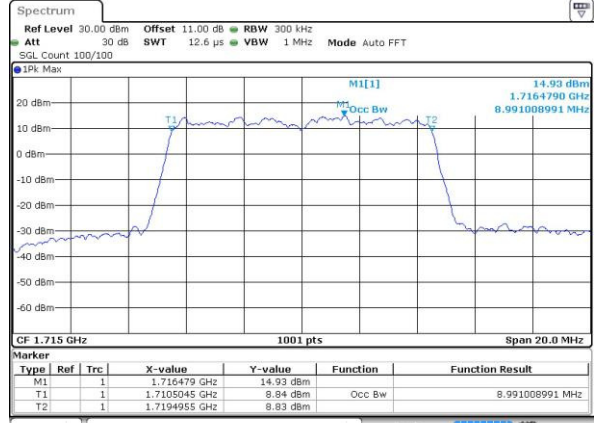
LTE Band 4

Lowest Channel / 10MHz / QPSK



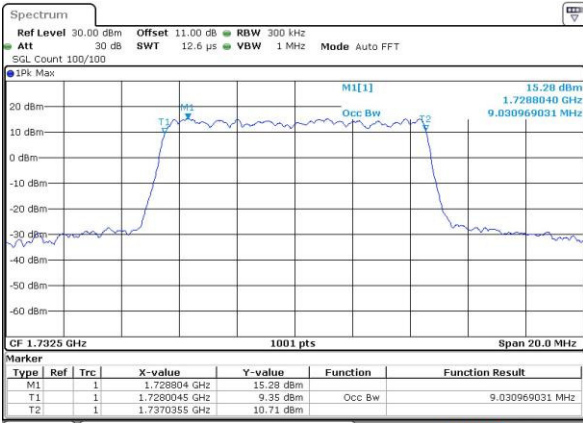
Date: 24 MAR 2016 15:58:08

Lowest Channel / 10MHz / 16QAM



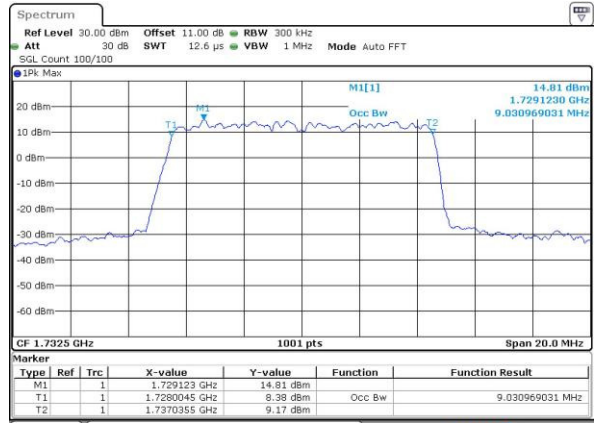
Date: 24 MAR 2016 15:57:45

Middle Channel / 10MHz / QPSK



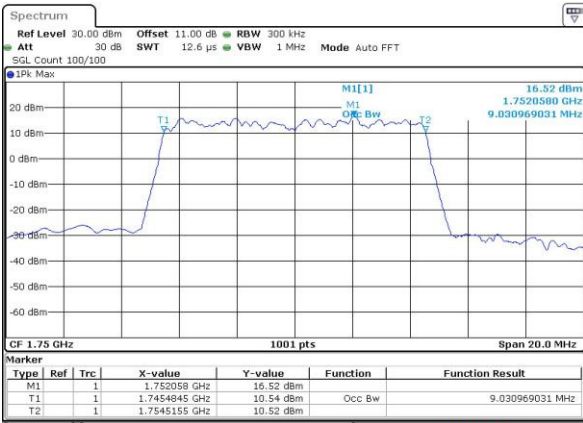
Date: 24 MAR 2016 14:33:53

Middle Channel / 10MHz / 16QAM



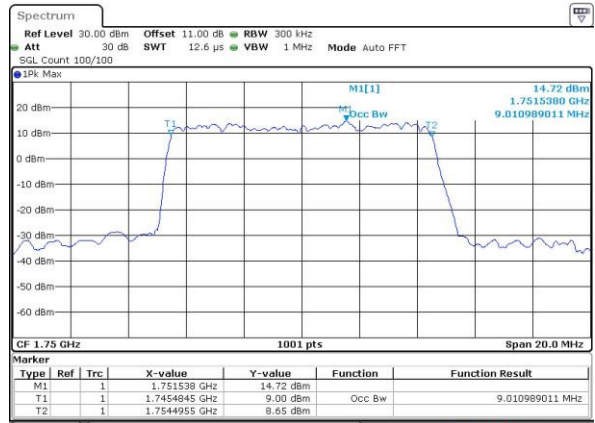
Date: 24 MAR 2016 14:34:03

Highest Channel / 10MHz / QPSK



Date: 24 MAR 2016 14:38:05

Highest Channel / 10MHz / 16QAM

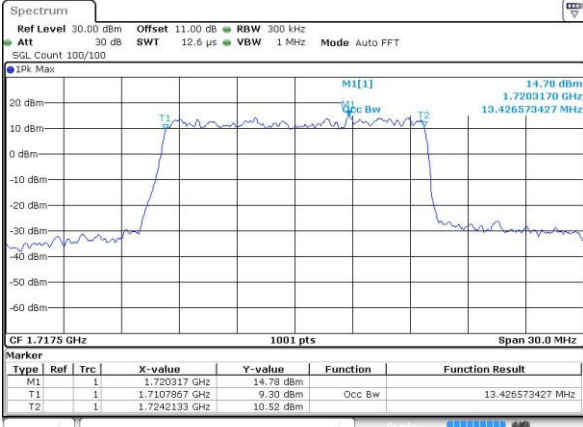


Date: 24 MAR 2016 14:38:15



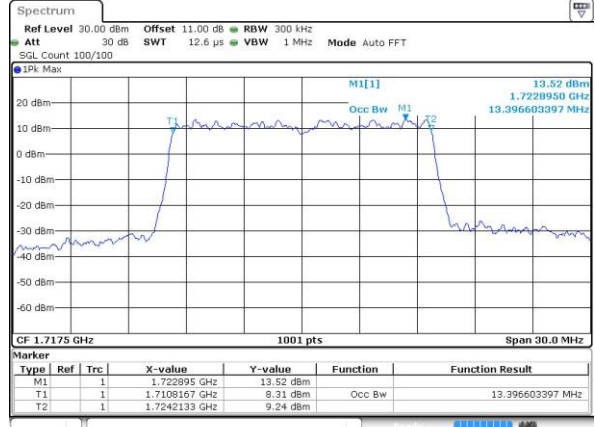
LTE Band 4

Lowest Channel / 15MHz / QPSK



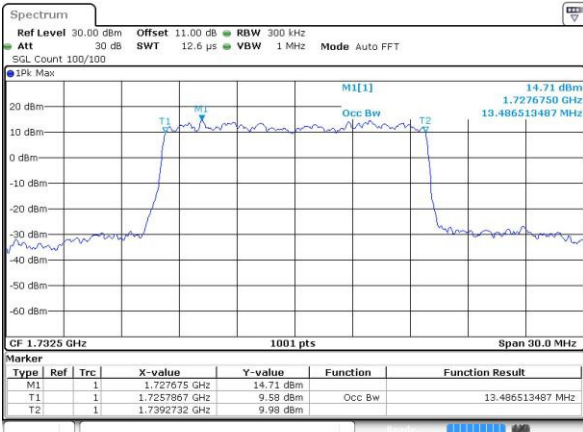
Date: 24 MAR 2016 14:46:28

Lowest Channel / 15MHz / 16QAM



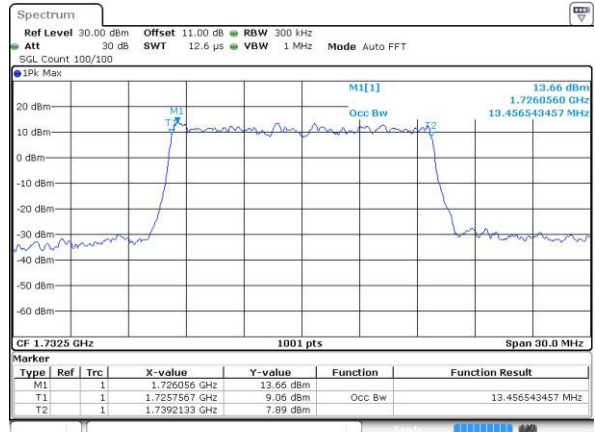
Date: 24 MAR 2016 14:46:39

Middle Channel / 15MHz / QPSK



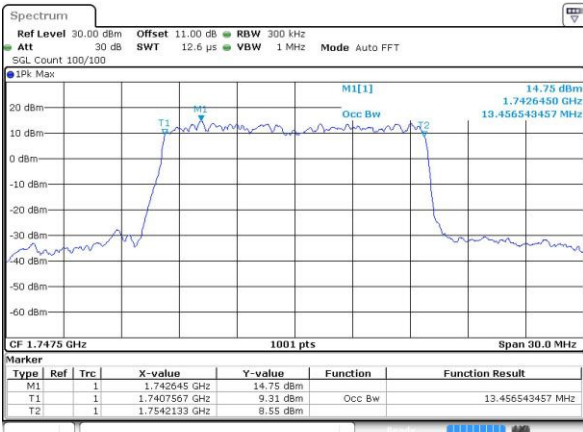
Date: 24 MAR 2016 15:03:10

Middle Channel / 15MHz / 16QAM



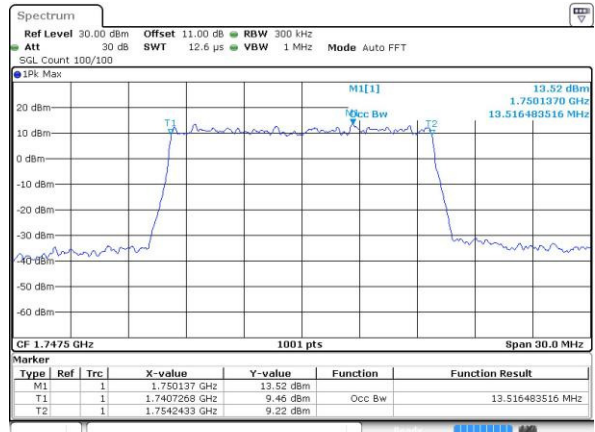
Date: 24 MAR 2016 15:03:20

Highest Channel / 15MHz / QPSK



Date: 24 MAR 2016 15:05:42

Highest Channel / 15MHz / 16QAM

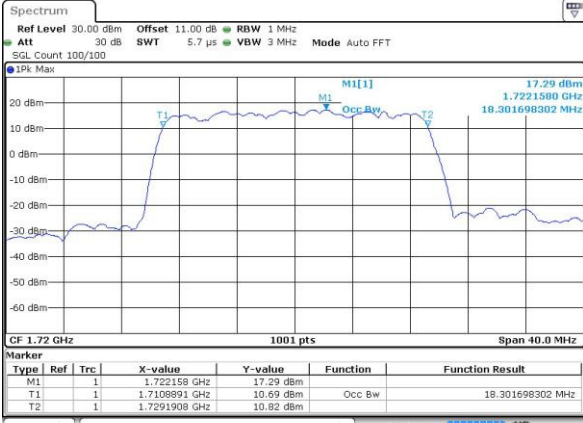


Date: 24 MAR 2016 15:05:52



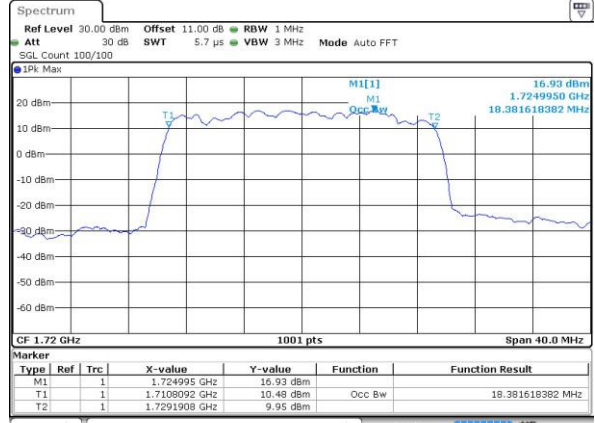
LTE Band 4

Lowest Channel / 20MHz / QPSK



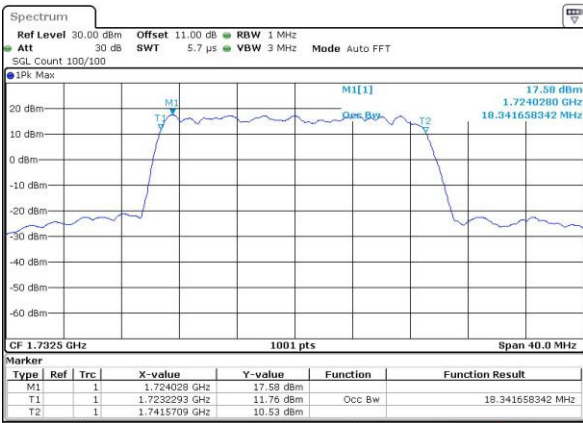
Date: 24 MAR 2016 15:15:04

Lowest Channel / 20MHz / 16QAM



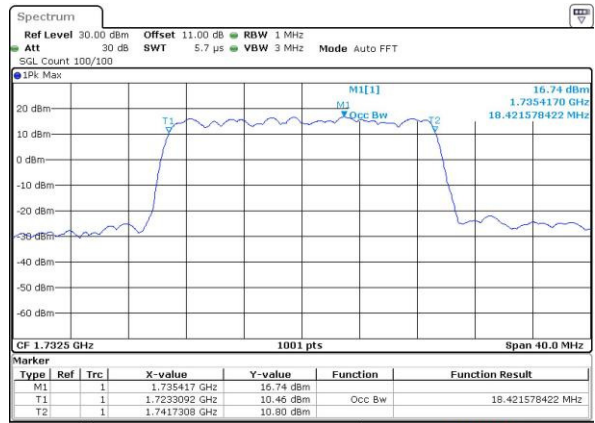
Date: 24 MAR 2016 15:15:14

Middle Channel / 20MHz / QPSK



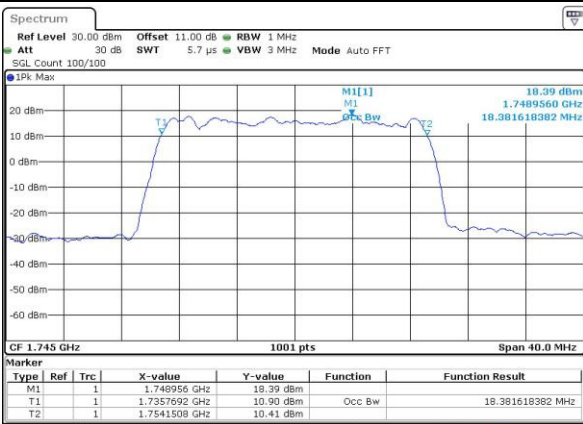
Date: 24 MAR 2016 15:37:13

Middle Channel / 20MHz / 16QAM



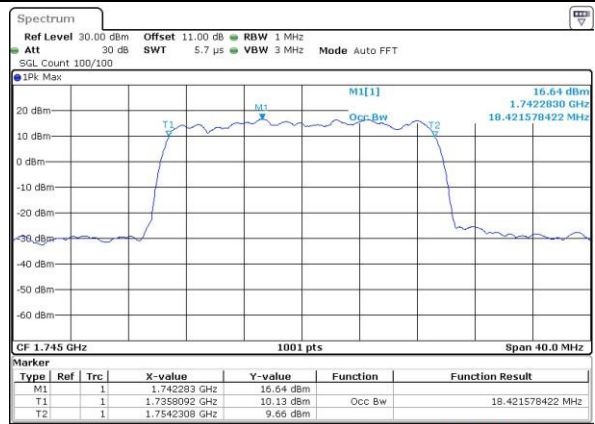
Date: 24 MAR 2016 15:37:24

Highest Channel / 20MHz / QPSK



Date: 24 MAR 2016 15:39:45

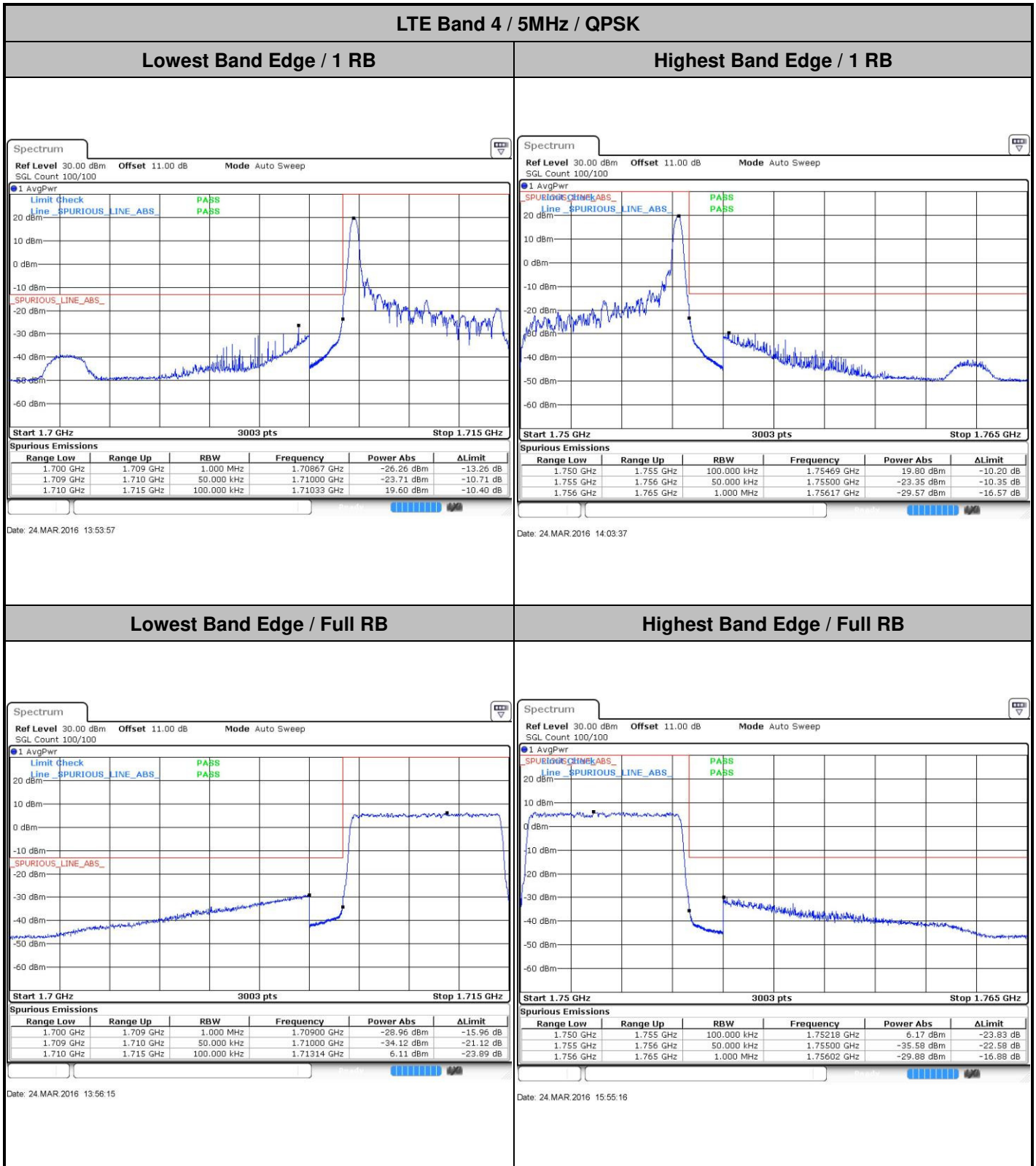
Highest Channel / 20MHz / 16QAM



Date: 24 MAR 2016 15:39:56



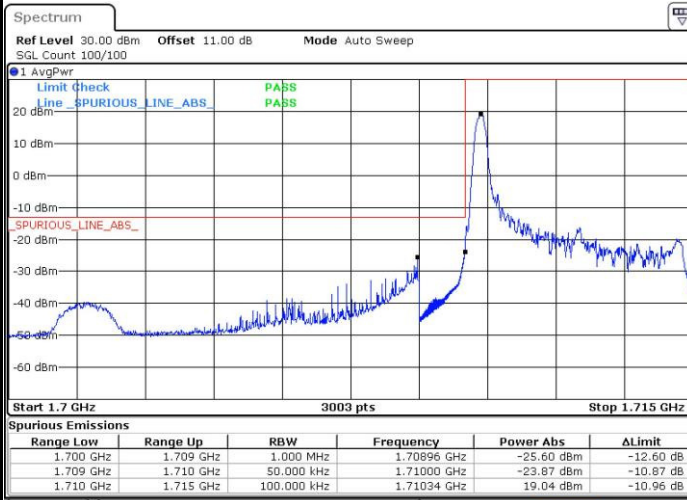
Conducted Band Edge





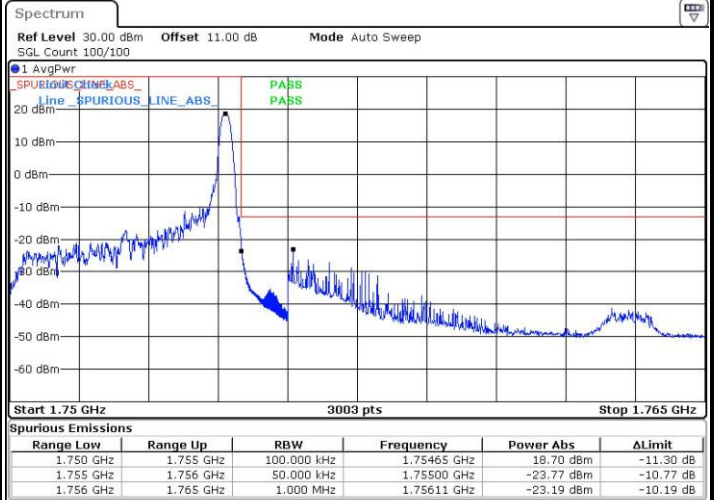
LTE Band 4 / 5MHz / 16QAM

Lowest Band Edge / 1RB



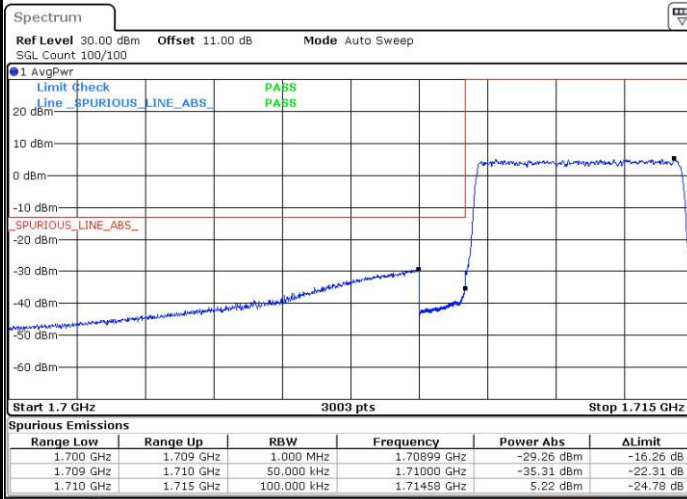
Date: 24.MAR.2016 13:55:06

Highest Band Edge / 1 RB



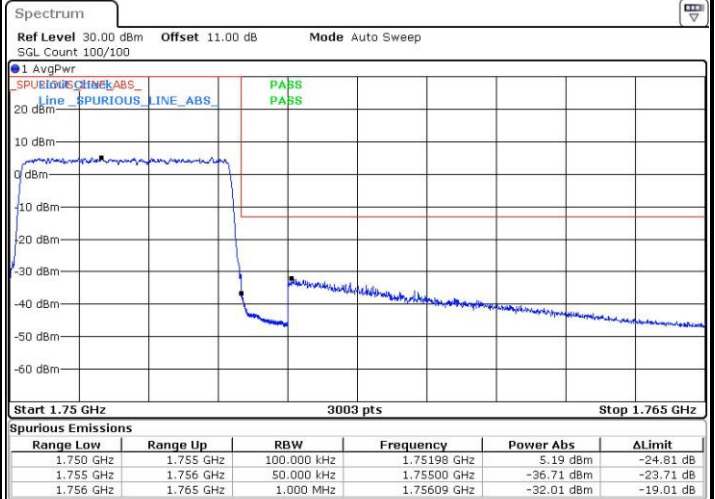
Date: 24.MAR.2016 14:04:46

Lowest Band Edge / Full RB



Date: 24.MAR.2016 13:57:25

Highest Band Edge / Full RB

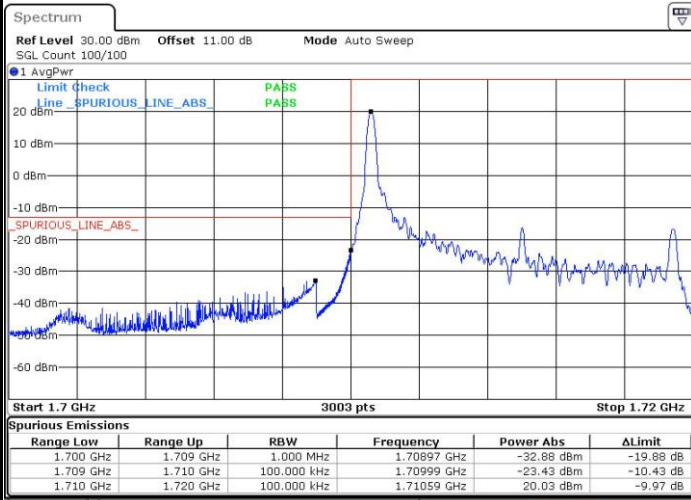


Date: 24.MAR.2016 14:07:14



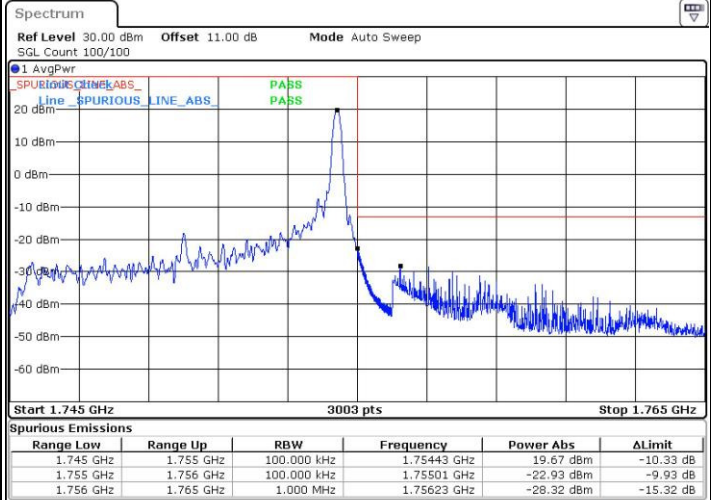
LTE Band 4 / 10MHz / QPSK

Lowest Band Edge / 1 RB



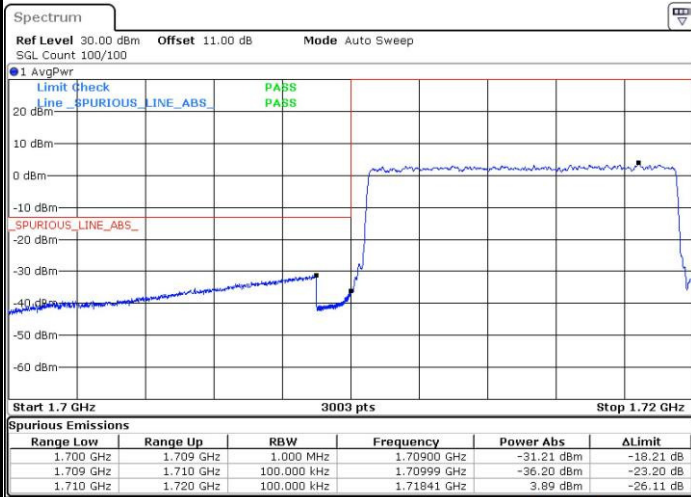
Date: 24.MAR.2016 14:24:44

Highest Band Edge / 1 RB



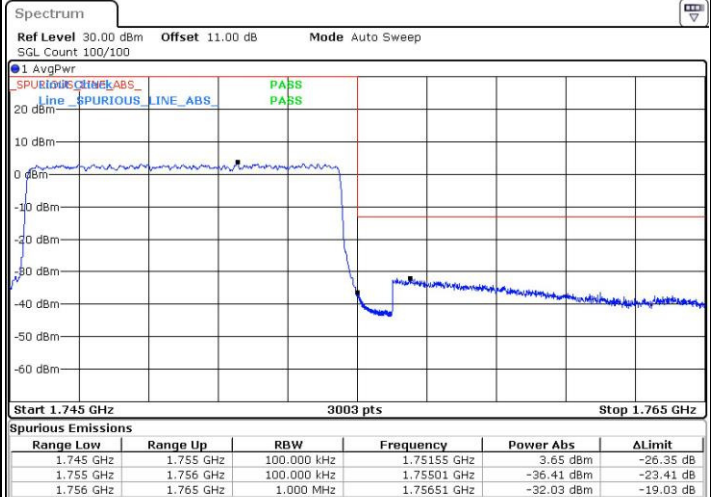
Date: 24.MAR.2016 14:39:45

Lowest Band Edge / Full RB



Date: 24.MAR.2016 14:27:03

Highest Band Edge / Full RB

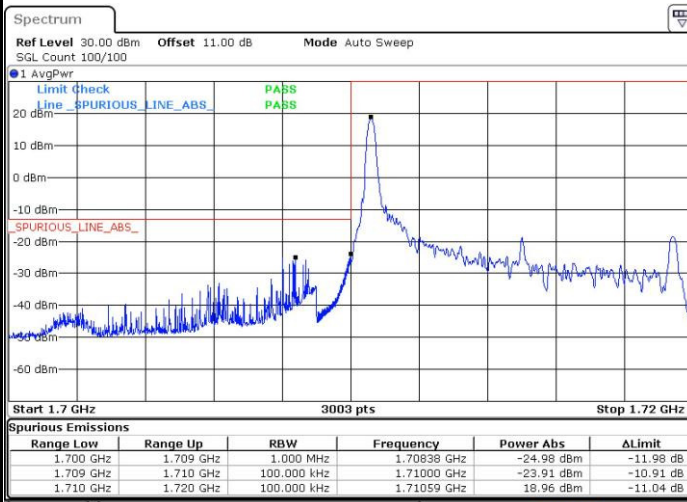


Date: 24.MAR.2016 14:42:13



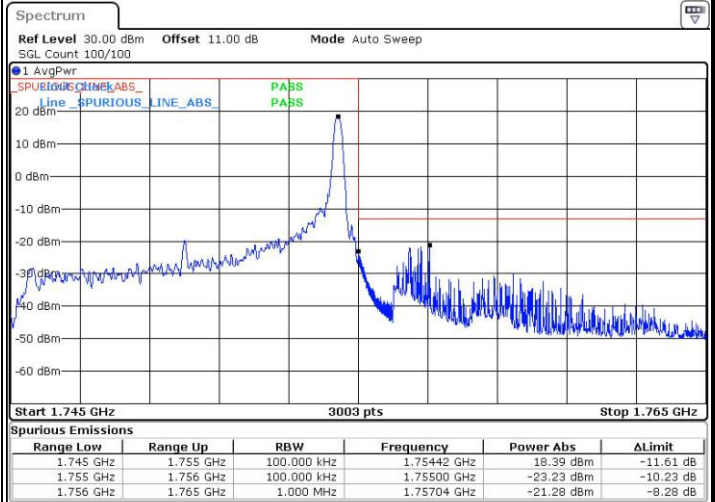
LTE Band 4 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



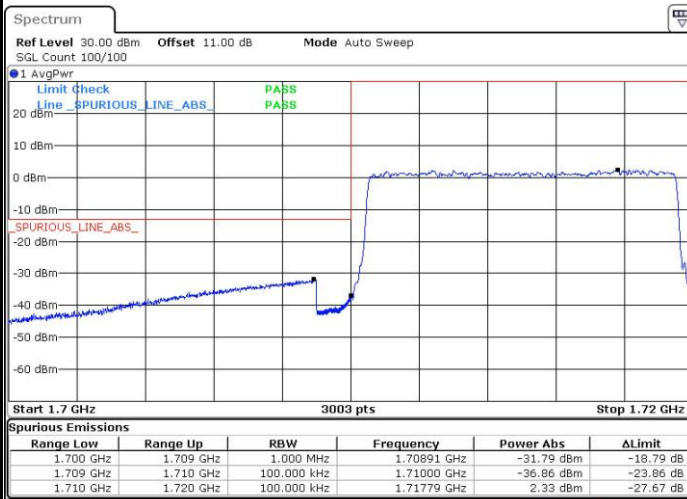
Date: 24.MAR.2016 14:25:53

Highest Band Edge / 1 RB



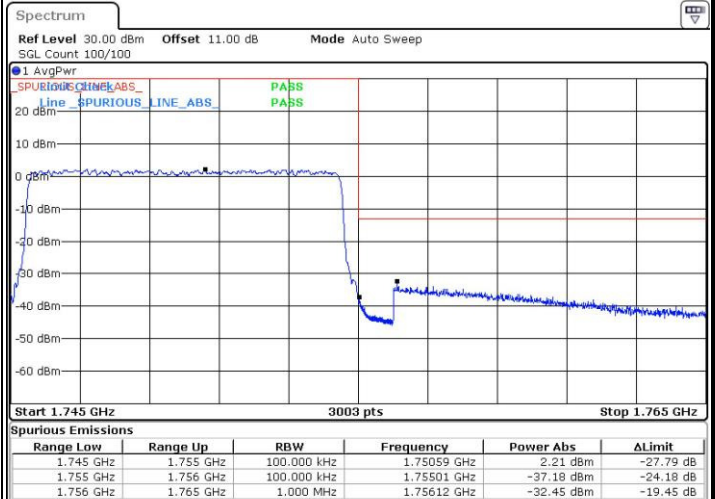
Date: 24.MAR.2016 15:57:04

Lowest Band Edge / Full RB



Date: 24.MAR.2016 14:31:05

Highest Band Edge / Full RB

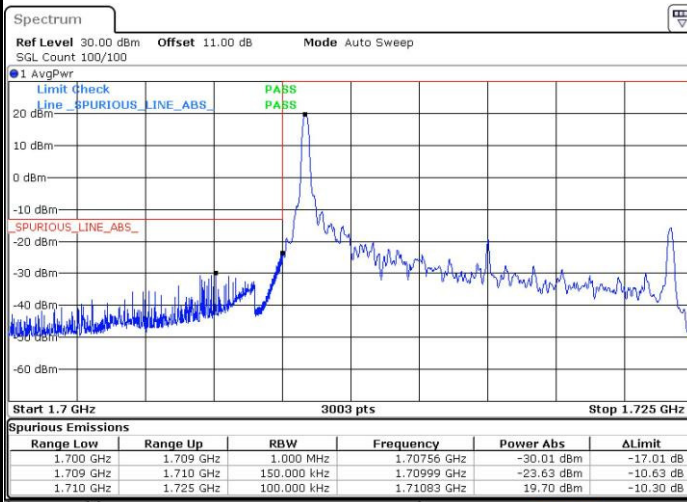


Date: 24.MAR.2016 14:43:23



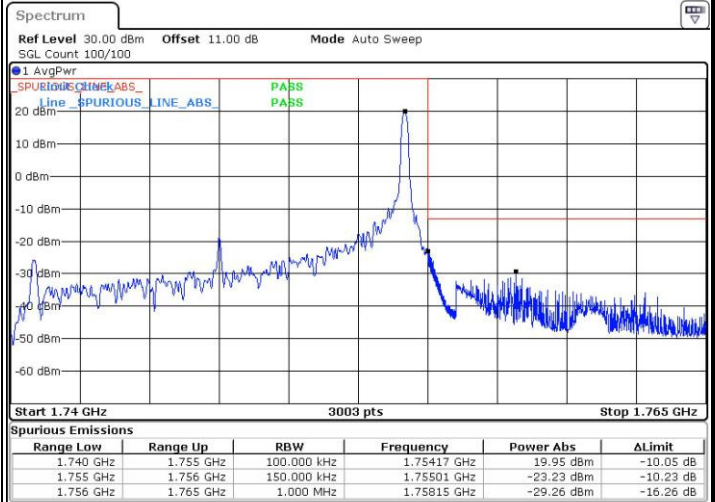
LTE Band 4 / 15MHz / QPSK

Lowest Band Edge / 1 RB



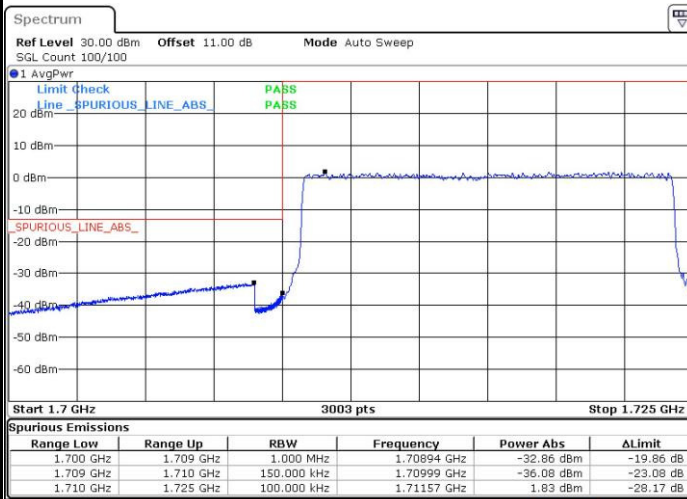
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Highest Band Edge / 1 RB



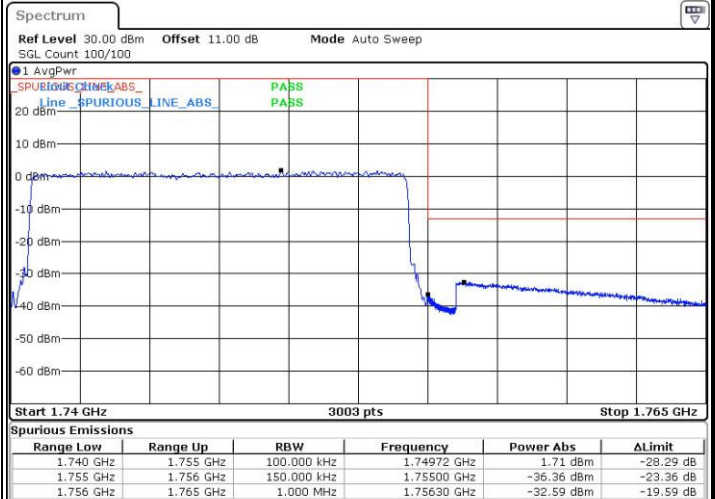
Date: 24.MAR.2016 15:07:22

Lowest Band Edge / Full RB



Date: 24.MAR.2016 14:58:13

Highest Band Edge / Full RB



Date: 24.MAR.2016 15:09:40