



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	3.91	4.49	4.87	5.33	PASS
Middle CH	3.8	4.41	4.78	4.99	
Highest CH	3.54	4.49	4.7	5.25	



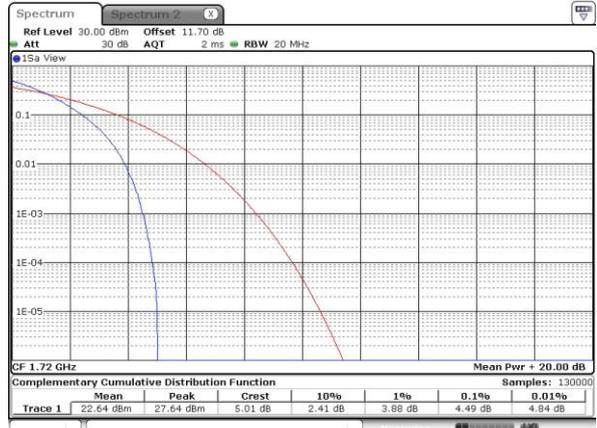
LTE Band 4 / 20MHz / QPSK

Lowest Channel / 1RB



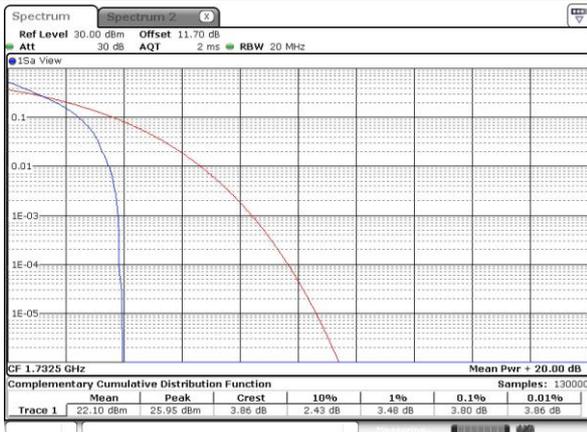
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Lowest Channel / Full RB



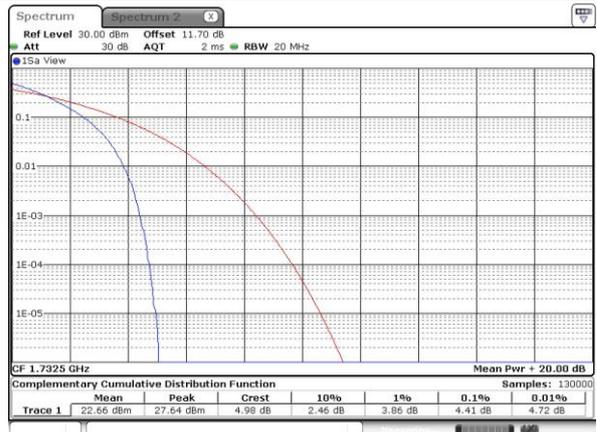
Date: 1.OCT.2016 01:01:05

Middle Channel / 1RB



Date: 1.OCT.2016 01:01:16

Middle Channel / Full RB



Date: 1.OCT.2016 01:01:27

Highest Channel / 1RB



Date: 1.OCT.2016 01:01:38

Highest Channel / Full RB

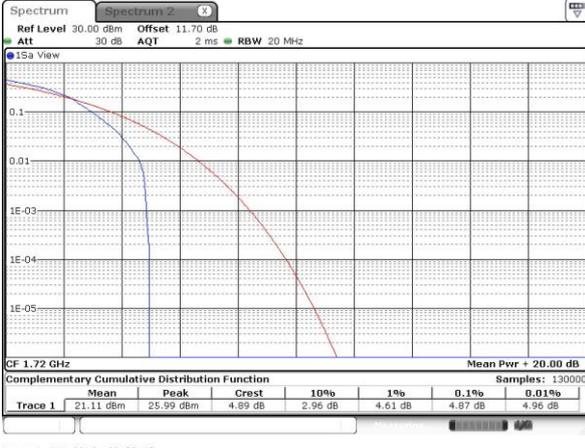


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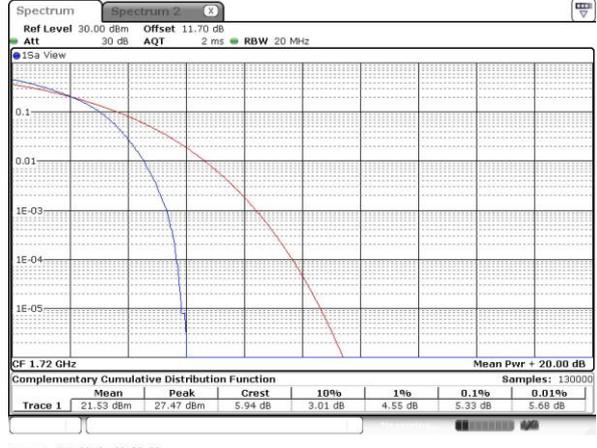
LTE Band 4 / 20MHz / 16QAM

Lowest Channel / 1RB



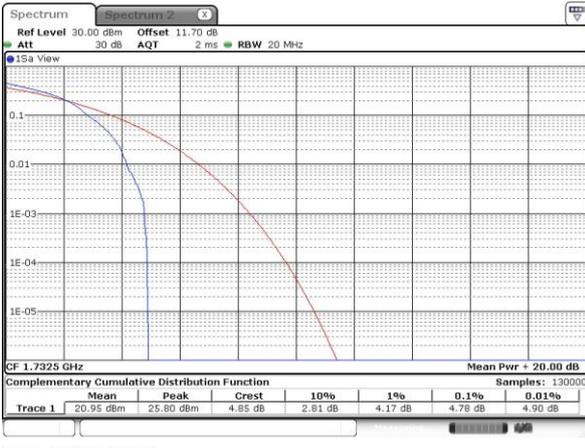
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Lowest Channel / Full RB



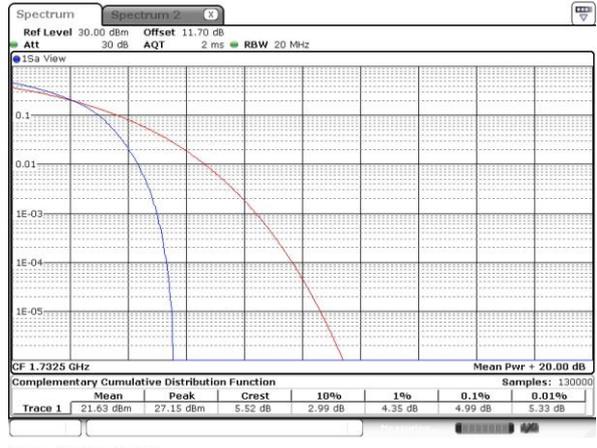
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Middle Channel / 1RB



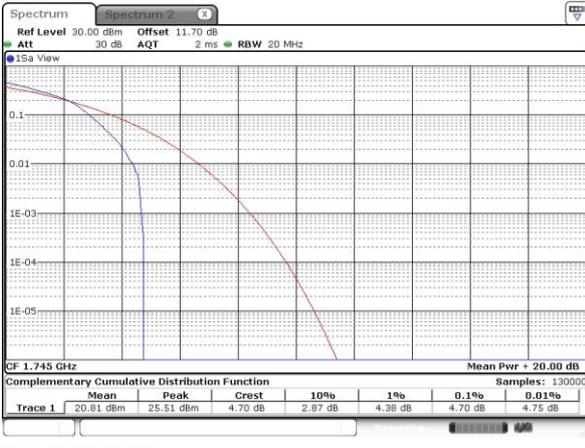
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Middle Channel / Full RB



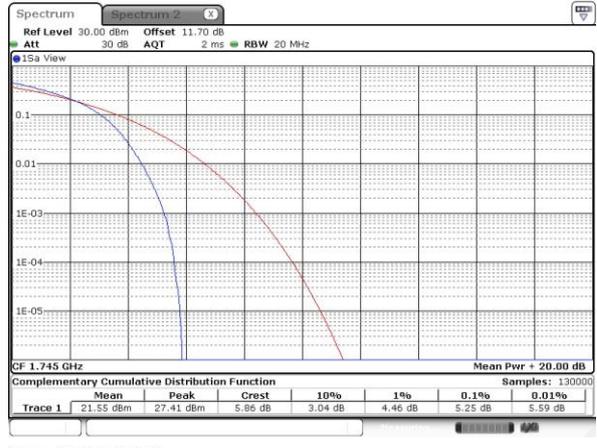
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Highest Channel / 1RB



Date: 1.OCT.2016 01:00:32

Highest Channel / Full RB



Date: 1.OCT.2016 01:00:43



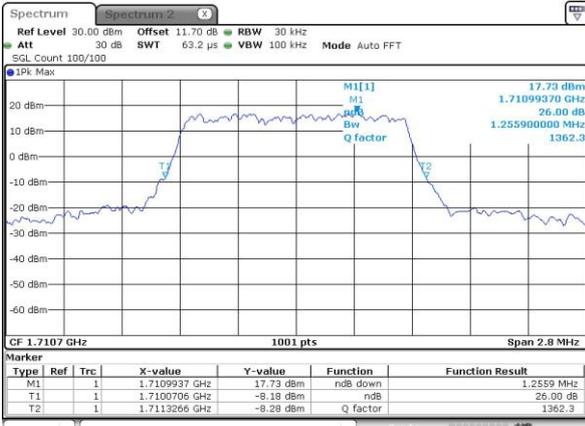
26dB Bandwidth

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	1.26	1.32	3.02	3.03	4.91	4.93	9.91	9.87	14.21	14.24	20.18	20.10
Middle CH	1.28	1.29	3.00	2.96	4.88	4.90	9.63	9.79	14.42	14.51	20.22	20.18
Highest CH	1.27	1.27	3.04	2.99	4.94	4.98	9.87	9.81	14.45	14.33	20.22	20.18



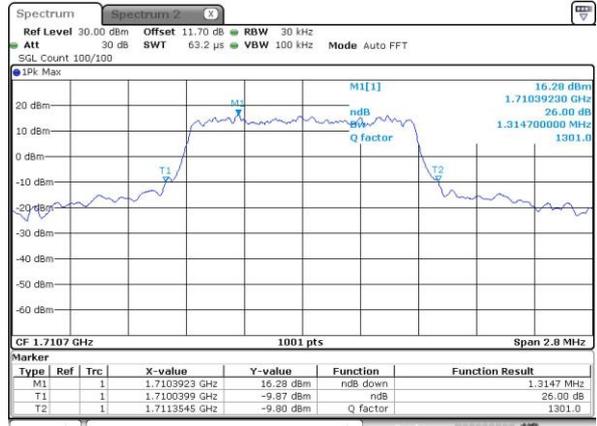
LTE Band 4

Lowest Channel / 1.4MHz / QPSK



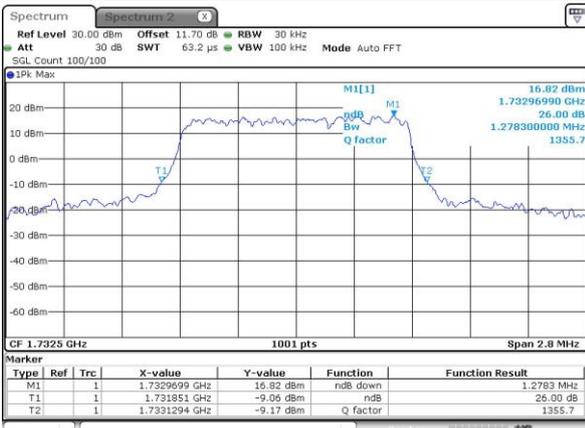
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Lowest Channel / 1.4MHz / 16QAM



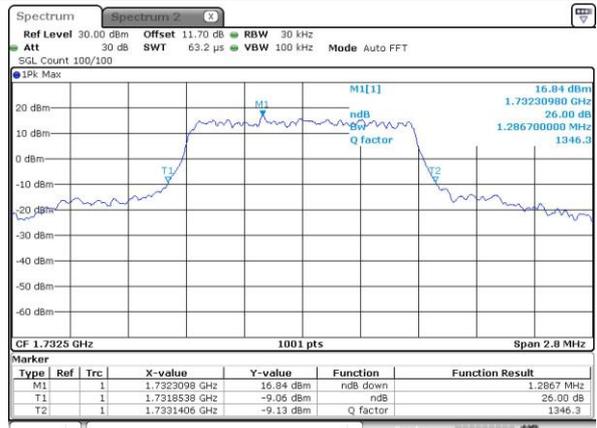
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Middle Channel / 1.4MHz / QPSK



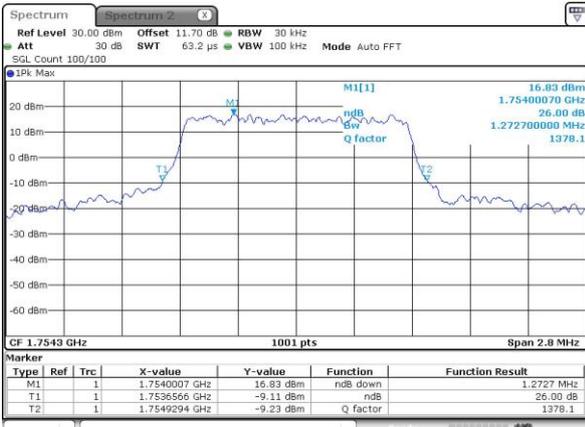
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Middle Channel / 1.4MHz / 16QAM



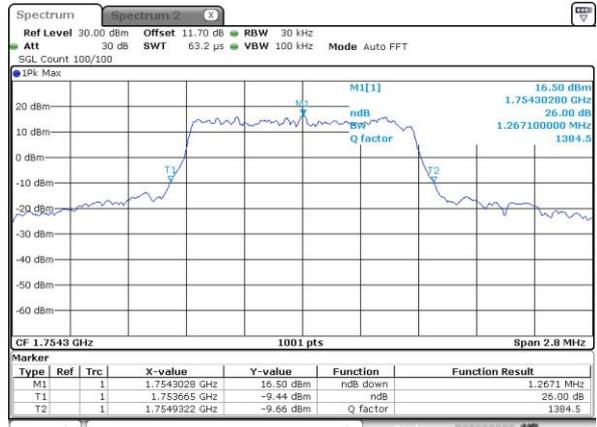
Date: 3.OCT.2016 14:18:47

Highest Channel / 1.4MHz / QPSK



Date: 3.OCT.2016 14:21:20

Highest Channel / 1.4MHz / 16QAM

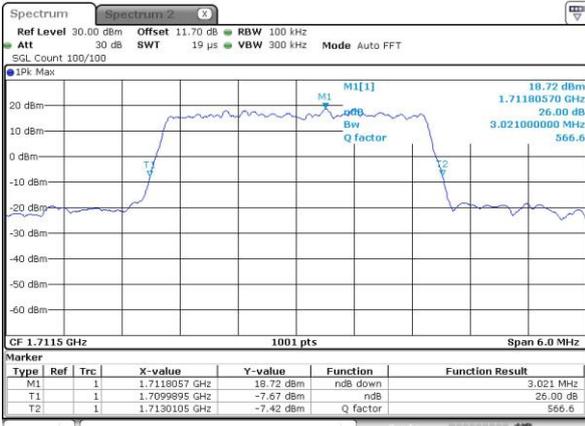


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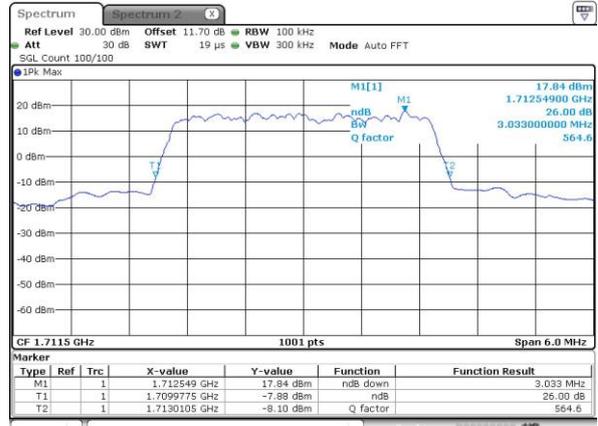
LTE Band 4

Lowest Channel / 3MHz / QPSK



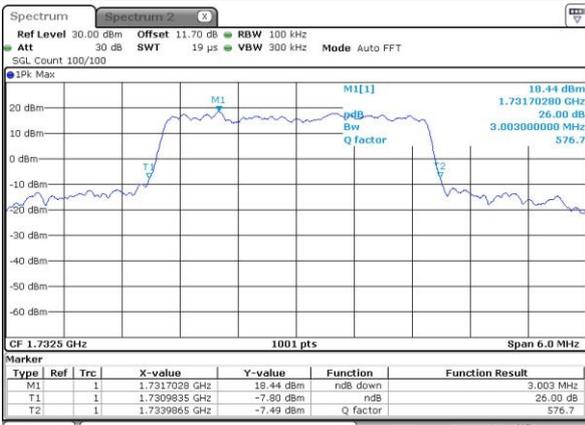
Date: 30_SEP.2016 23:23:54

Lowest Channel / 3MHz / 16QAM



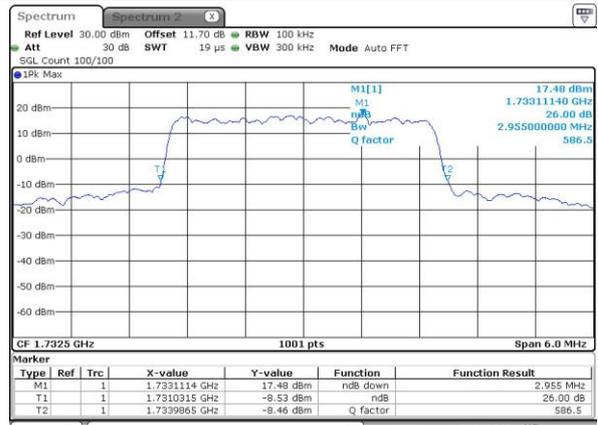
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Middle Channel / 3MHz / QPSK



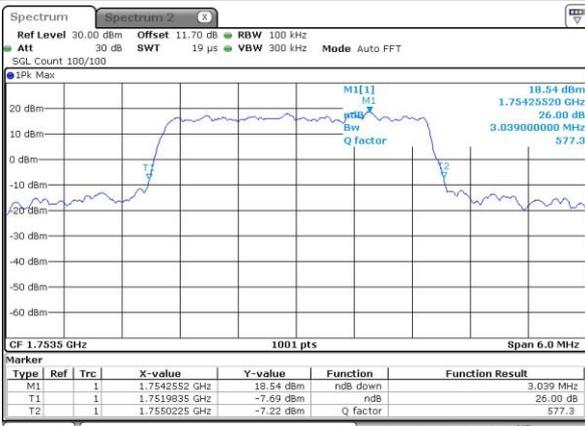
Date: 30_SEP.2016 23:31:11

Middle Channel / 3MHz / 16QAM



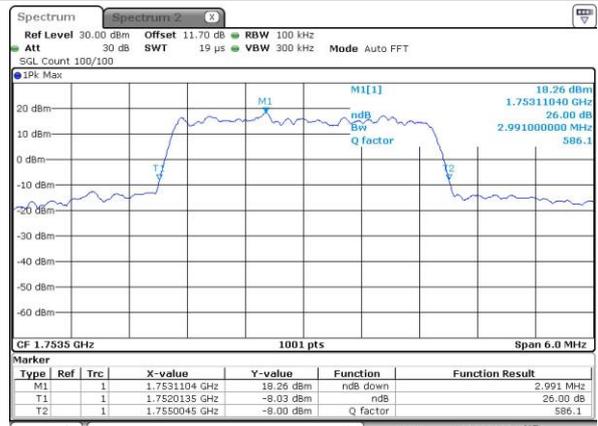
Date: 30_SEP.2016 23:31:23

Highest Channel / 3MHz / QPSK



Date: 30_SEP.2016 23:33:51

Highest Channel / 3MHz / 16QAM

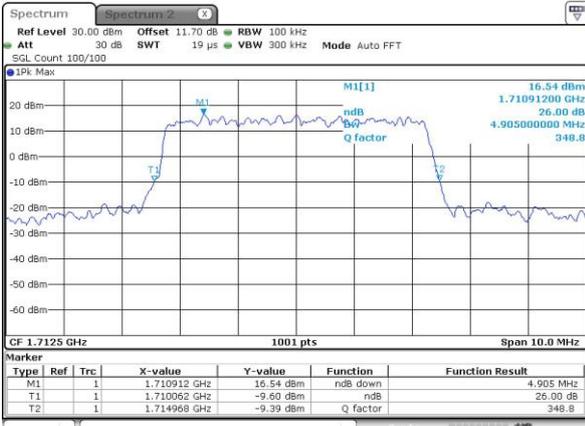


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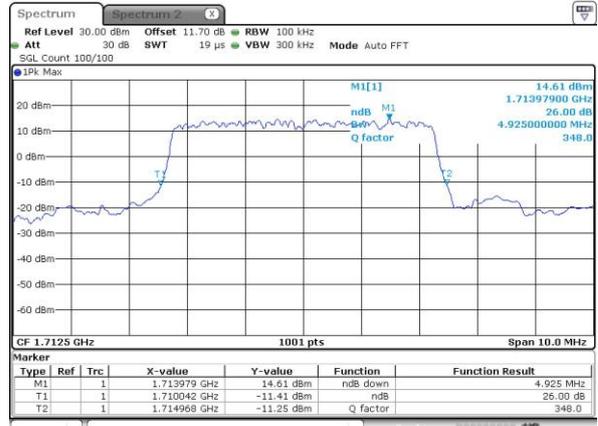
LTE Band 4

Lowest Channel / 5MHz / QPSK



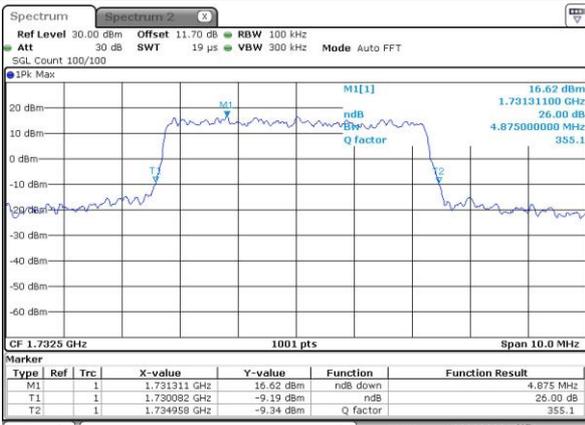
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Lowest Channel / 5MHz / 16QAM



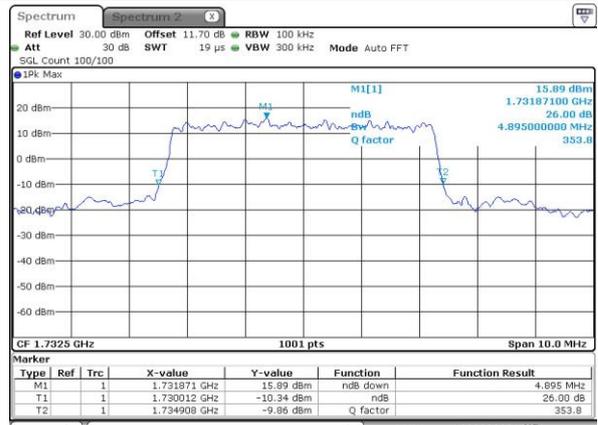
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Middle Channel / 5MHz / QPSK



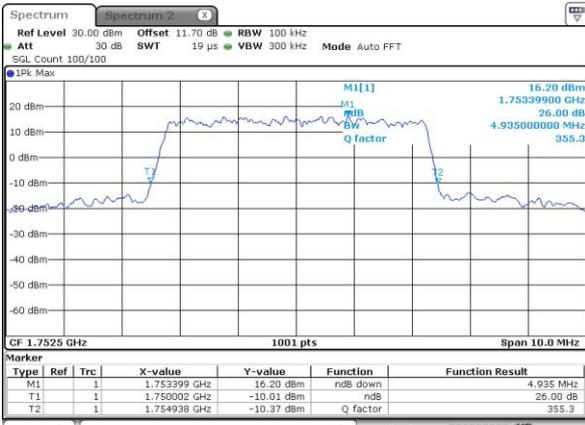
Date: 30_SEP.2016 23:48:28

Middle Channel / 5MHz / 16QAM



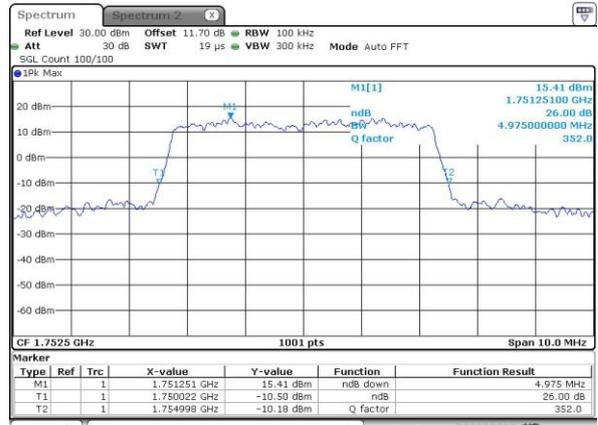
Date: 30_SEP.2016 23:48:39

Highest Channel / 5MHz / QPSK



Date: 30_SEP.2016 23:51:08

Highest Channel / 5MHz / 16QAM

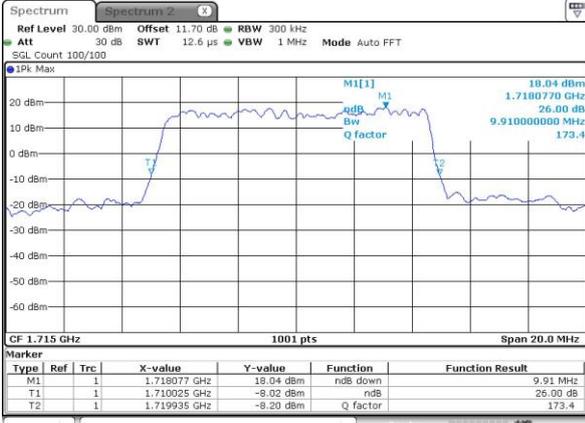


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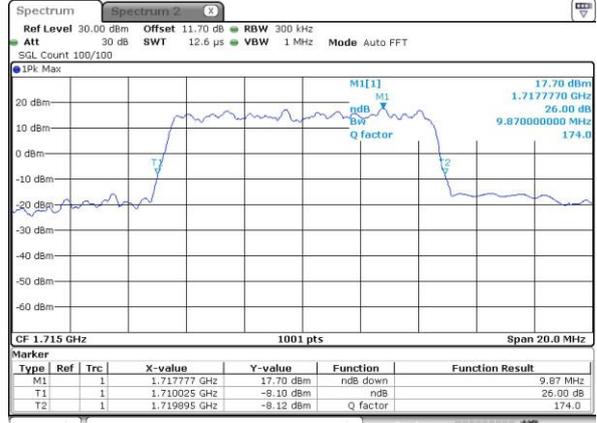
LTE Band 4

Lowest Channel / 10MHz / QPSK



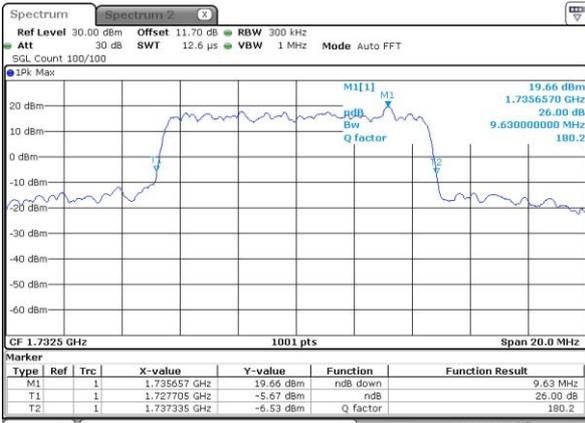
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Lowest Channel / 10MHz / 16QAM



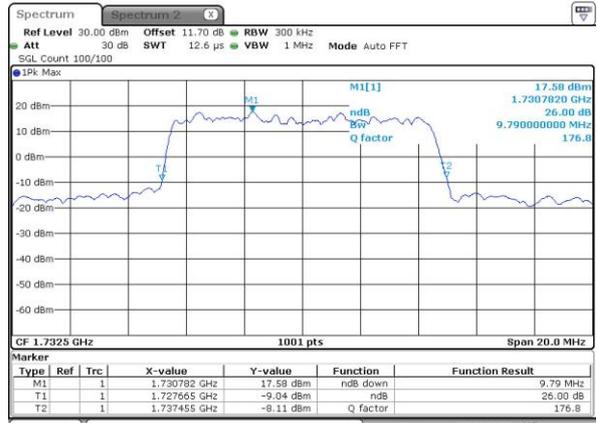
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Middle Channel / 10MHz / QPSK



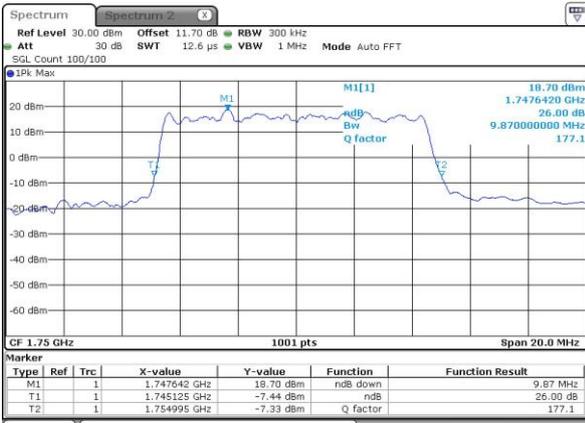
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Middle Channel / 10MHz / 16QAM



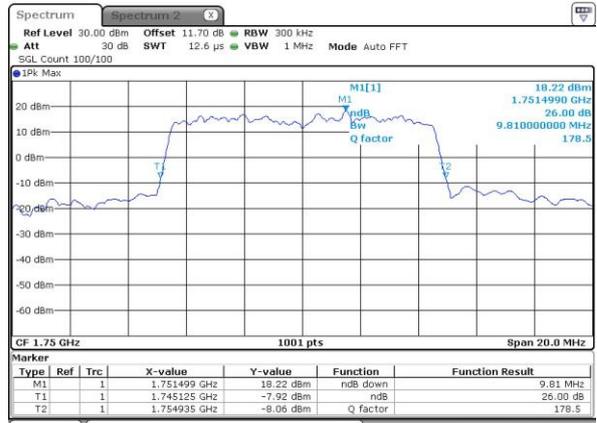
Date: 1_OCT.2016 00:05:56

Highest Channel / 10MHz / QPSK



Date: 1_OCT.2016 00:08:24

Highest Channel / 10MHz / 16QAM

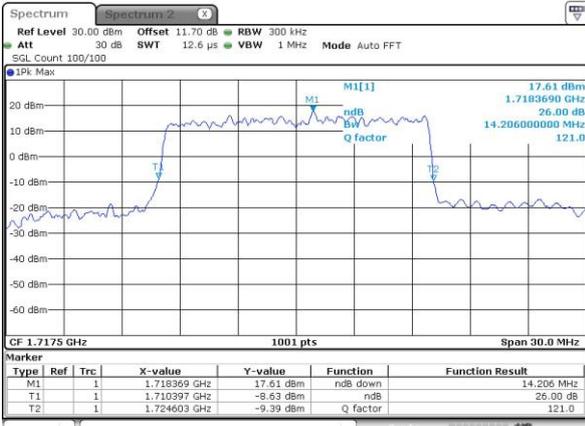


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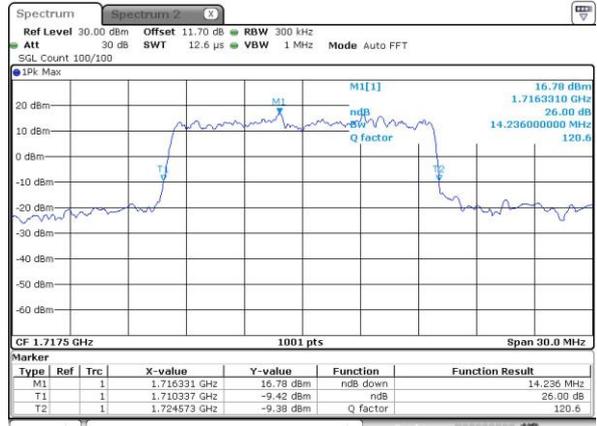
LTE Band 4

Lowest Channel / 15MHz / QPSK



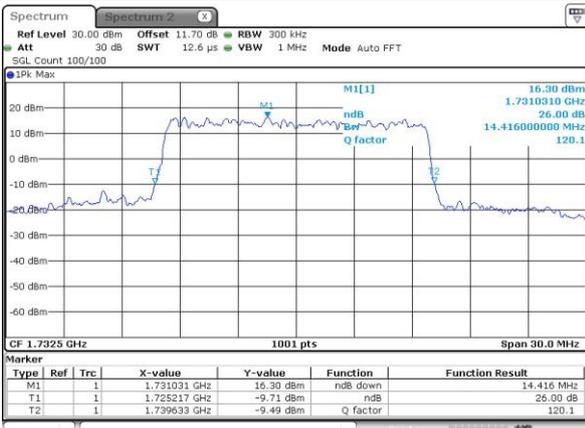
Date: 1.OCT.2016 00:18:21

Lowest Channel / 15MHz / 16QAM



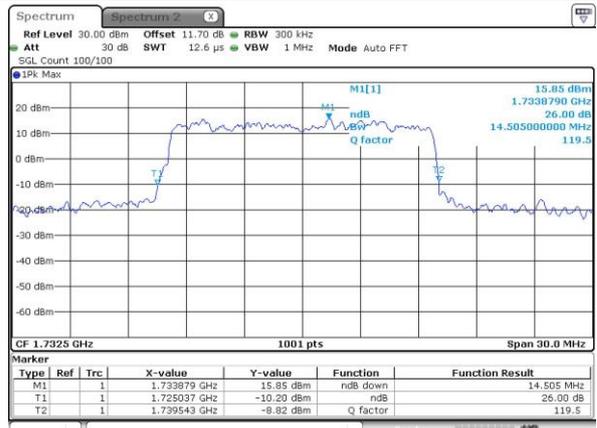
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Middle Channel / 15MHz / QPSK



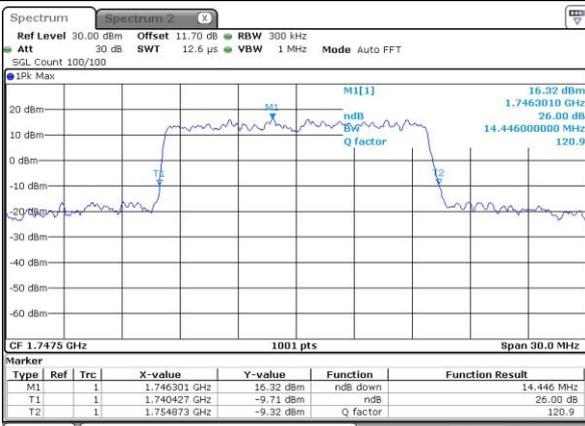
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Middle Channel / 15MHz / 16QAM



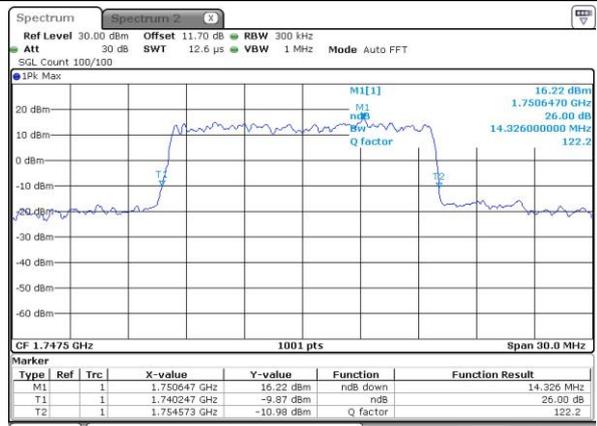
Date: 1.OCT.2016 00:25:51

Highest Channel / 15MHz / QPSK



Date: 1.OCT.2016 00:28:19

Highest Channel / 15MHz / 16QAM

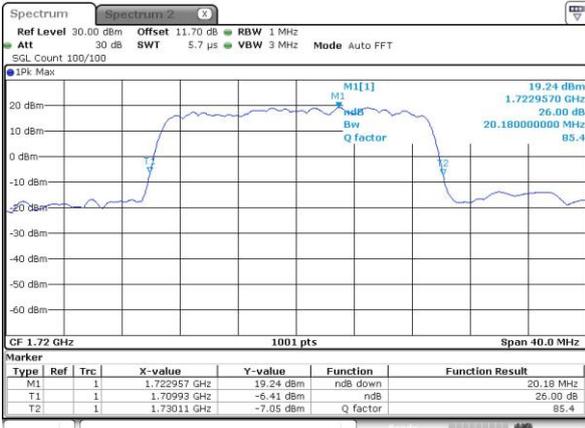


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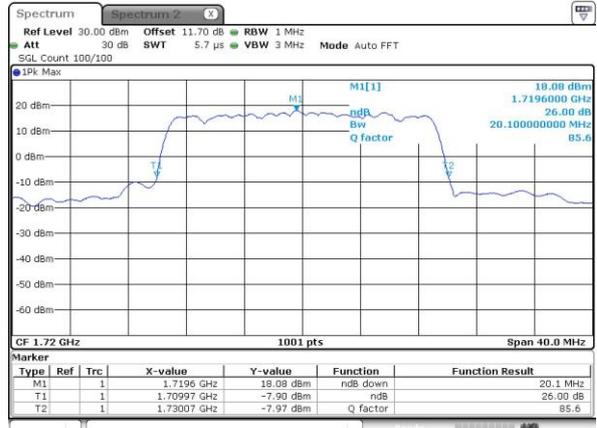
LTE Band 4

Lowest Channel / 20MHz / QPSK



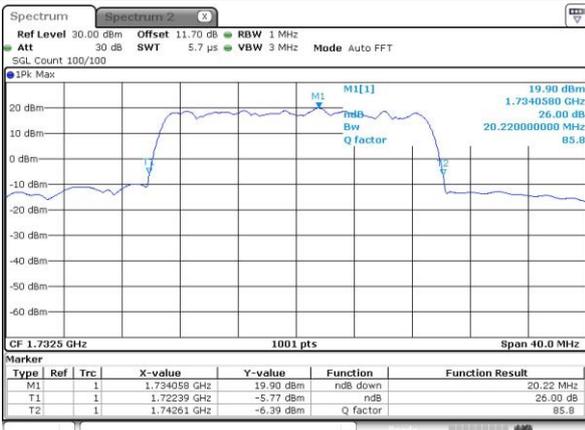
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Lowest Channel / 20MHz / 16QAM



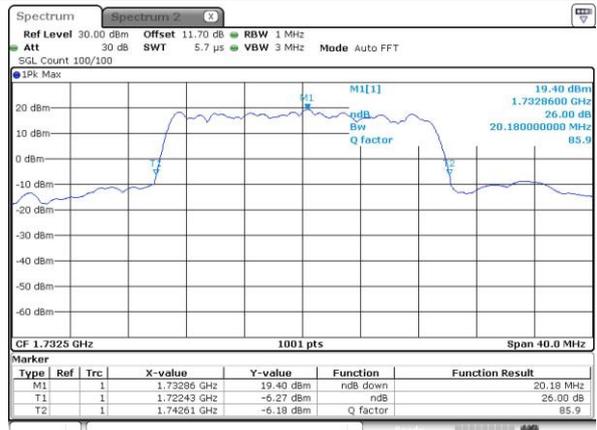
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Middle Channel / 20MHz / QPSK



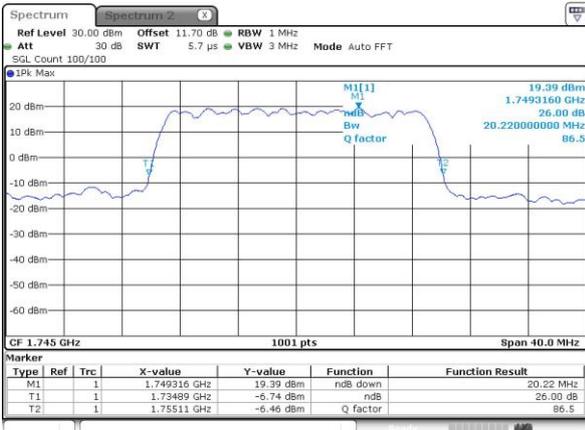
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Middle Channel / 20MHz / 16QAM



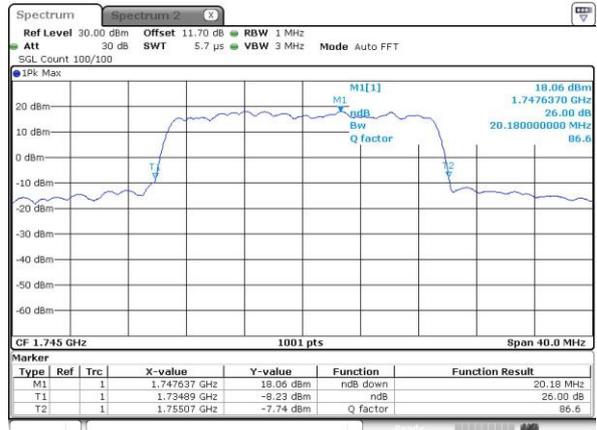
Date: 1.OCT.2016 00:50:19

Highest Channel / 20MHz / QPSK



Date: 1.OCT.2016 00:52:47

Highest Channel / 20MHz / 16QAM



Date: 1.OCT.2016 00:52:59



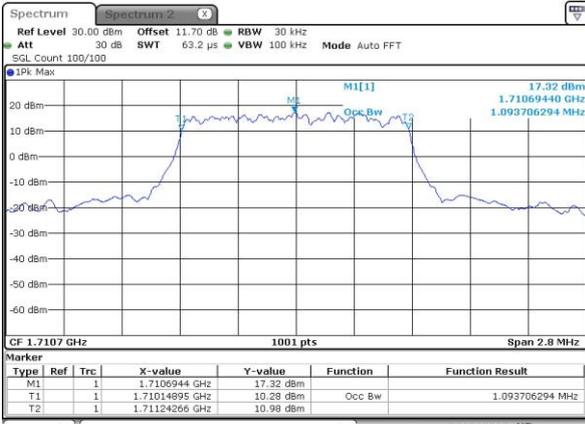
Occupied Bandwidth

Mode	LTE Band 4 : 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	1.09	1.1	2.74	2.73	4.5	4.49	9.01	9.03	13.4	13.43	18.3	18.38
Middle CH	1.1	1.1	2.72	2.73	4.5	4.5	9.03	9.09	13.43	13.49	18.34	18.34
Highest CH	1.1	1.1	2.73	2.7	4.48	4.51	9.01	8.99	13.46	13.4	18.38	18.38



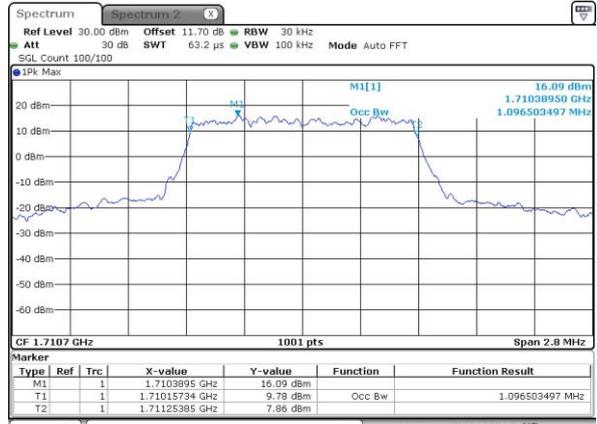
LTE Band 4

Lowest Channel / 1.4MHz / QPSK



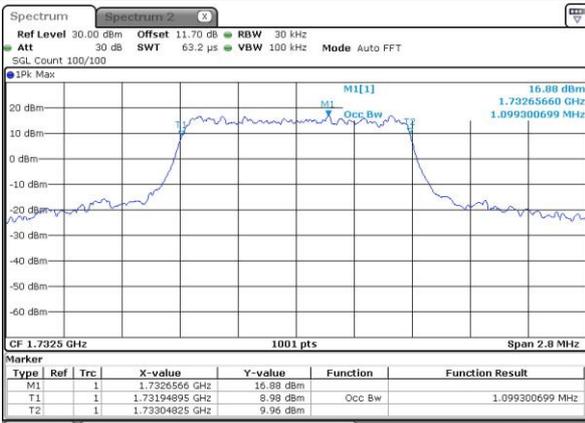
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Lowest Channel / 1.4MHz / 16QAM



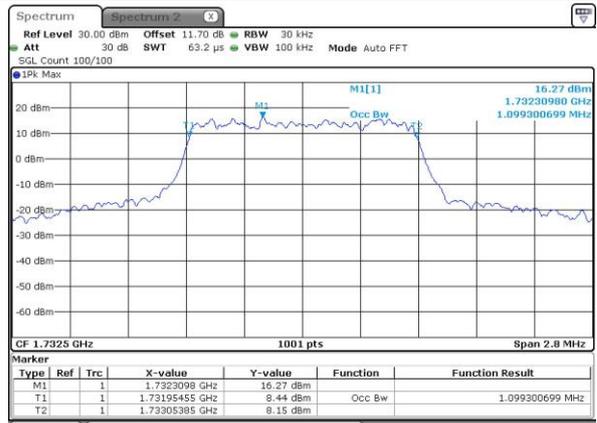
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Middle Channel / 1.4MHz / QPSK



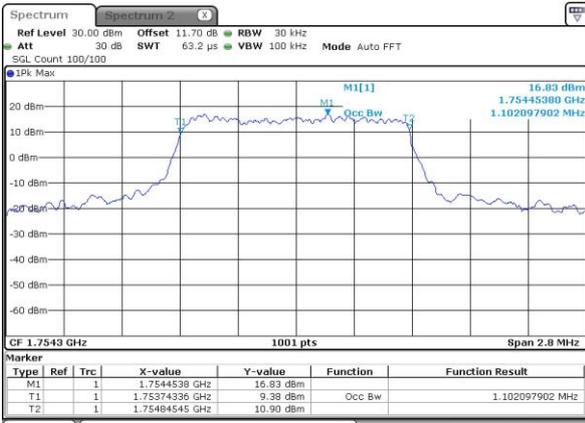
Date: 3.OCT.2016 14:18:11

Middle Channel / 1.4MHz / 16QAM



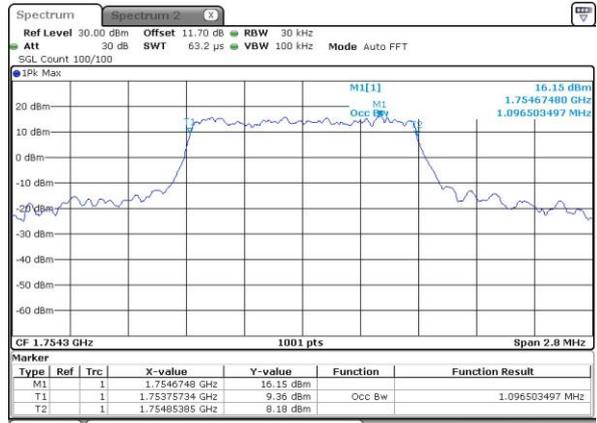
Date: 3.OCT.2016 14:18:23

Highest Channel / 1.4MHz / QPSK



Date: 3.OCT.2016 14:20:56

Highest Channel / 1.4MHz / 16QAM

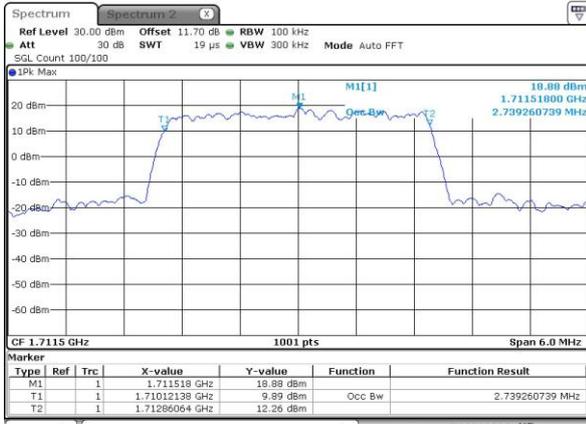


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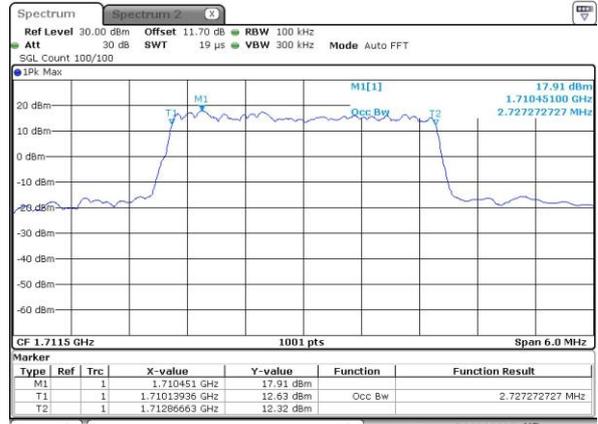
LTE Band 4

Lowest Channel / 3MHz / QPSK



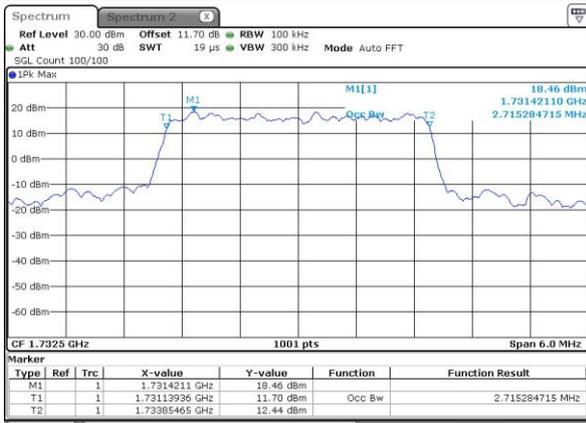
Date: 30_SEP.2016 23:23:30

Lowest Channel / 3MHz / 16QAM



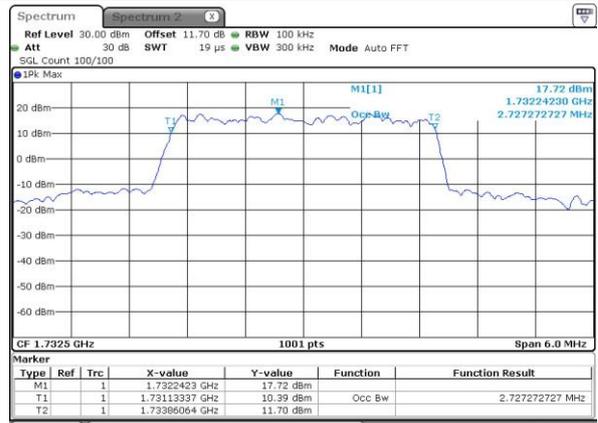
Date: 30_SEP.2016 23:23:42

Middle Channel / 3MHz / QPSK



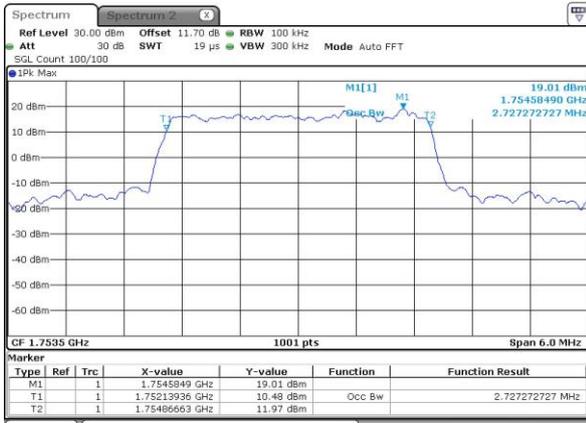
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Middle Channel / 3MHz / 16QAM



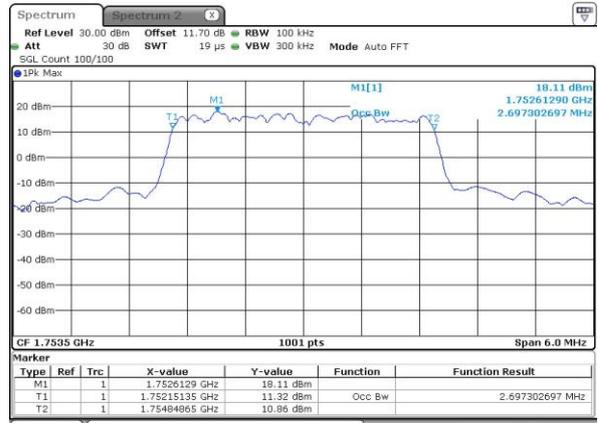
Date: 30_SEP.2016 23:33:40

Highest Channel / 3MHz / QPSK



Date: 30_SEP.2016 23:33:28

Highest Channel / 3MHz / 16QAM

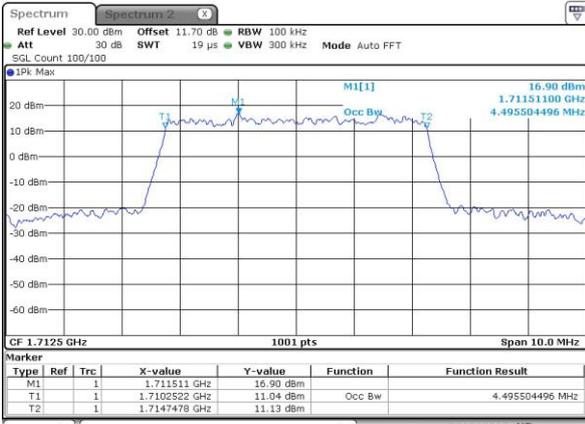


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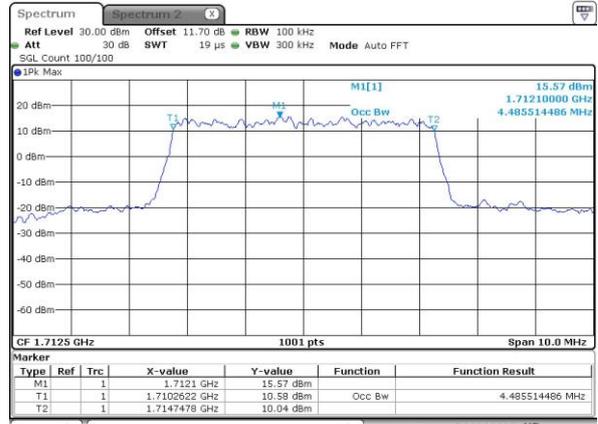
LTE Band 4

Lowest Channel / 5MHz / QPSK



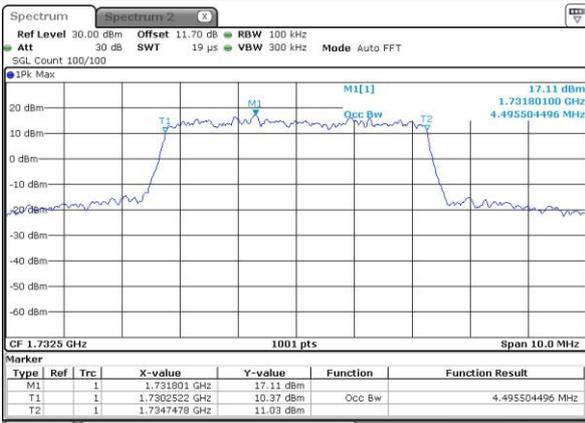
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Lowest Channel / 5MHz / 16QAM



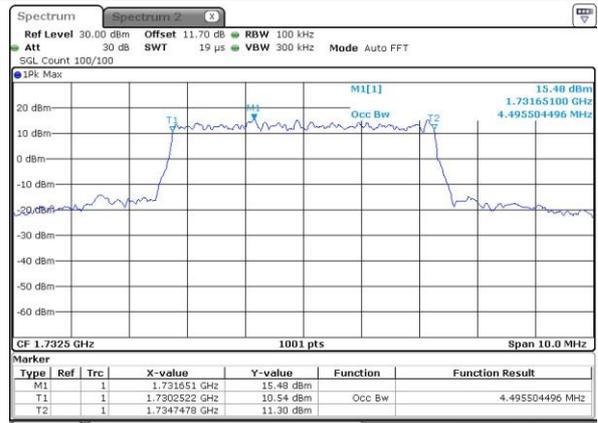
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Middle Channel / 5MHz / QPSK



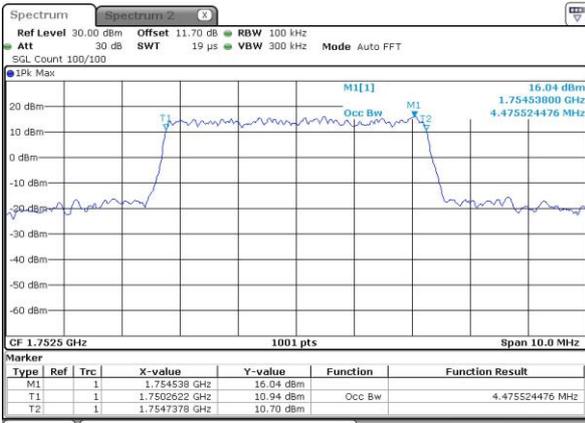
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Middle Channel / 5MHz / 16QAM



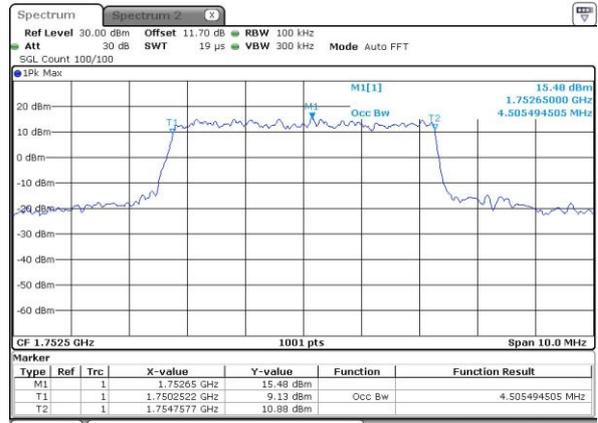
Date: 30_SEP.2016 23:48:16

Highest Channel / 5MHz / QPSK



Date: 30_SEP.2016 23:50:44

Highest Channel / 5MHz / 16QAM

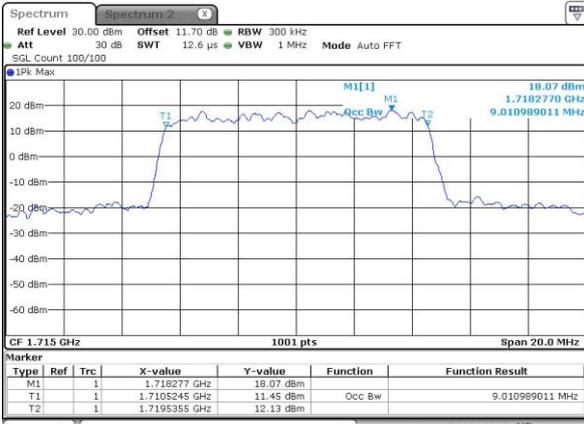


Date: 30_SEP.2016 23:50:56



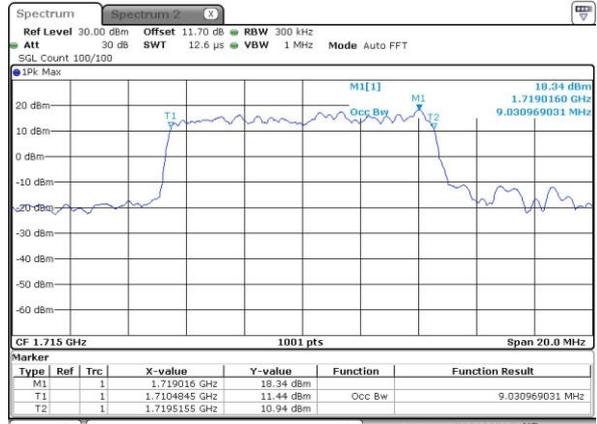
LTE Band 4

Lowest Channel / 10MHz / QPSK



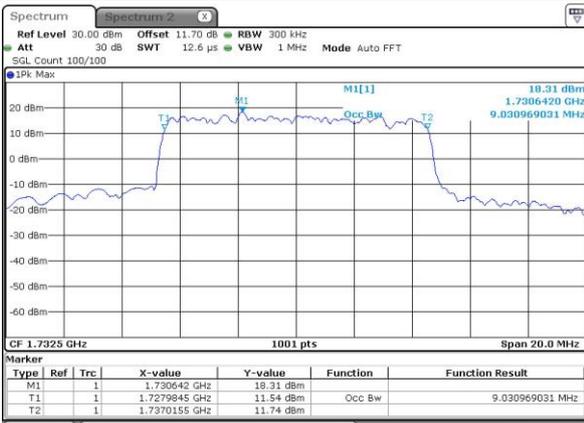
Date: 30_SEP.2016 23:58:03

Lowest Channel / 10MHz / 16QAM



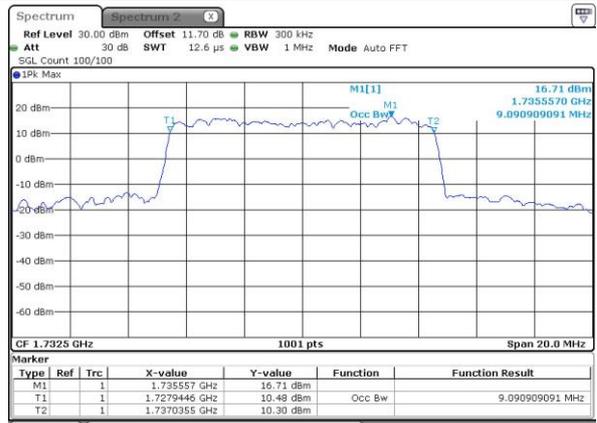
Date: 30_SEP.2016 23:58:14

Middle Channel / 10MHz / QPSK



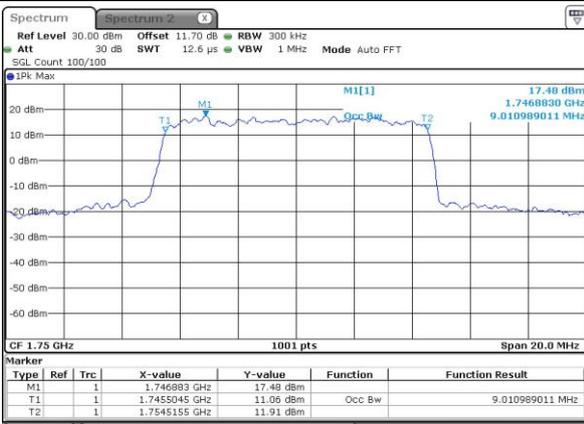
Date: 1_OCT.2016 00:05:20

Middle Channel / 10MHz / 16QAM



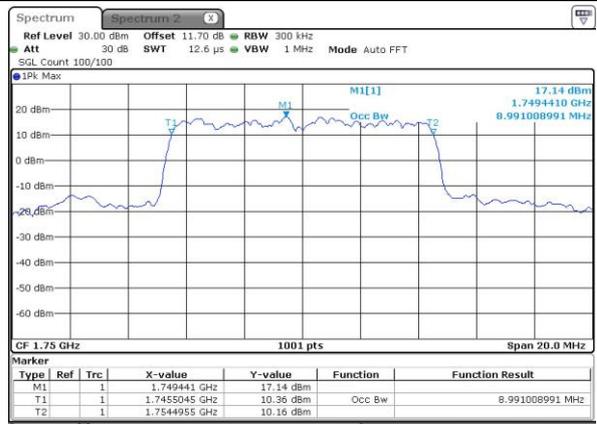
Date: 1_OCT.2016 00:05:32

Highest Channel / 10MHz / QPSK



Date: 1_OCT.2016 00:08:01

Highest Channel / 10MHz / 16QAM

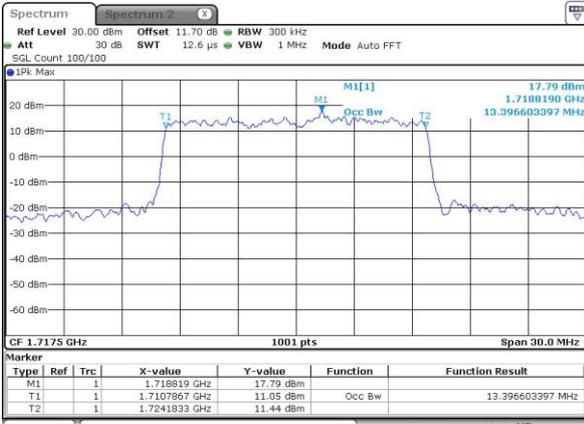


Date: 1_OCT.2016 00:08:12



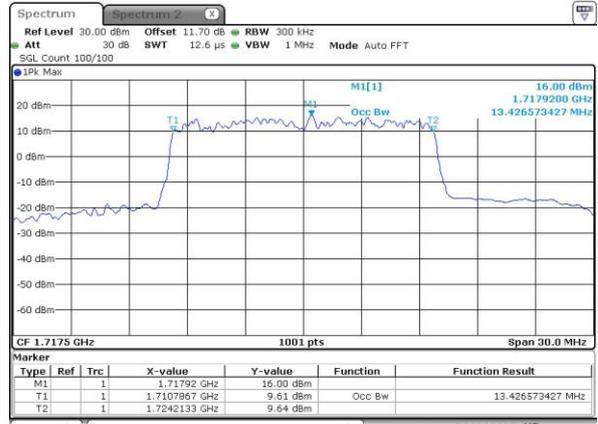
LTE Band 4

Lowest Channel / 15MHz / QPSK



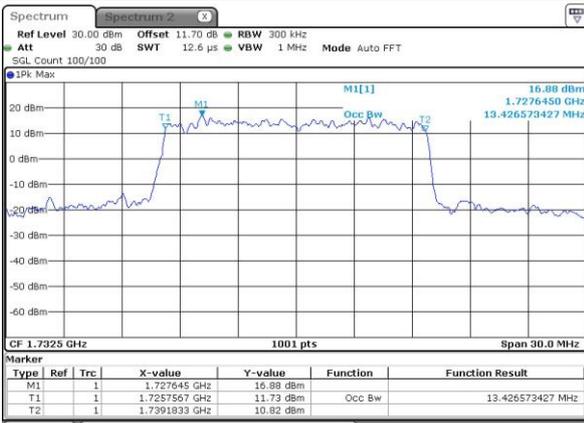
Date: 1.OCT.2016 00:17:58

Lowest Channel / 15MHz / 16QAM



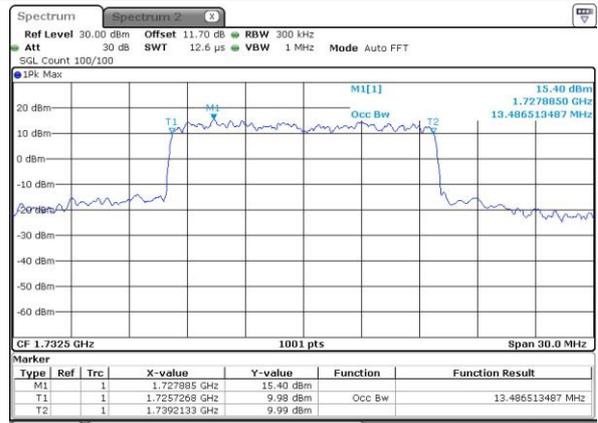
Date: 1.OCT.2016 00:18:10

Middle Channel / 15MHz / QPSK



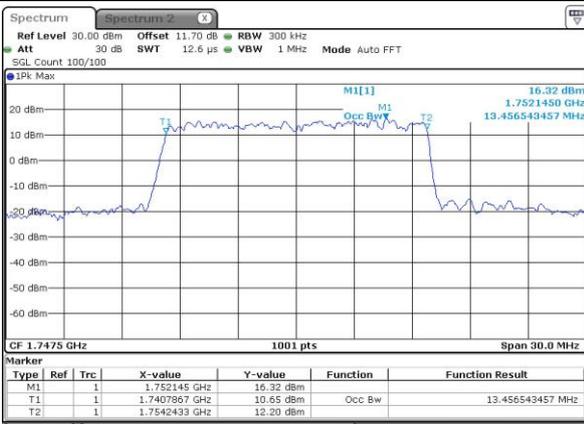
Date: 1.OCT.2016 00:25:16

Middle Channel / 15MHz / 16QAM



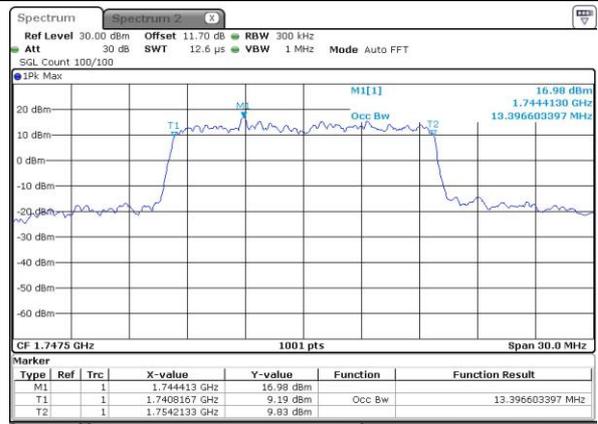
Date: 1.OCT.2016 00:25:28

Highest Channel / 15MHz / QPSK



Date: 1.OCT.2016 00:27:56

Highest Channel / 15MHz / 16QAM

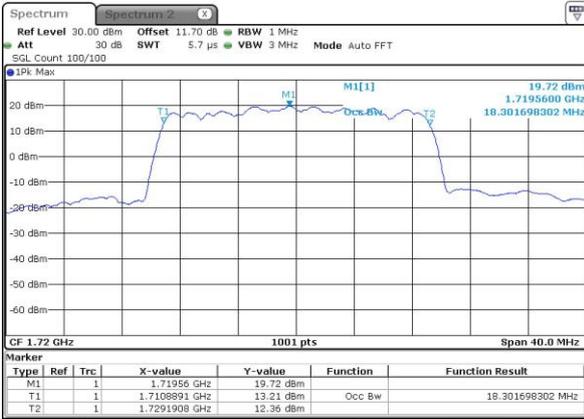


Date: 1.OCT.2016 00:28:08



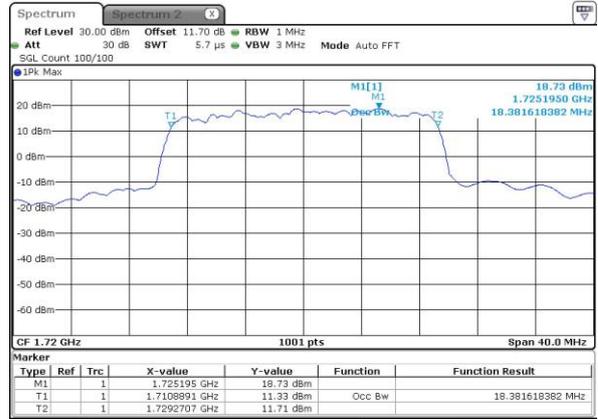
LTE Band 4

Lowest Channel / 20MHz / QPSK



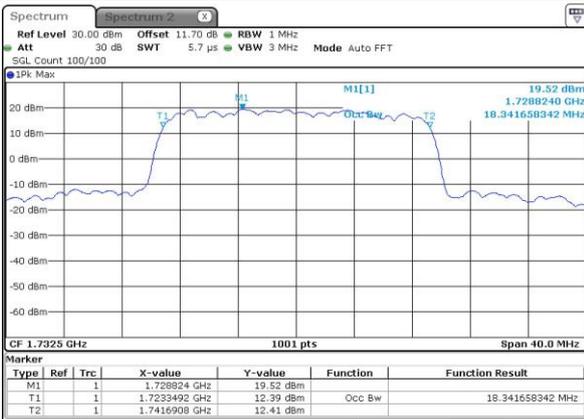
Date: 1.OCT.2016 00:42:26

Lowest Channel / 20MHz / 16QAM



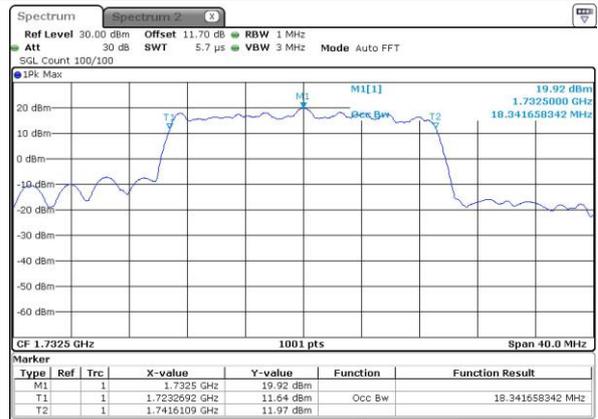
Date: 1.OCT.2016 00:42:38

Middle Channel / 20MHz / QPSK



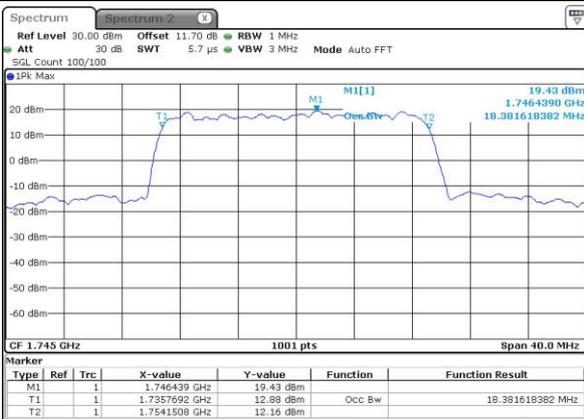
Date: 1.OCT.2016 00:49:44

Middle Channel / 20MHz / 16QAM



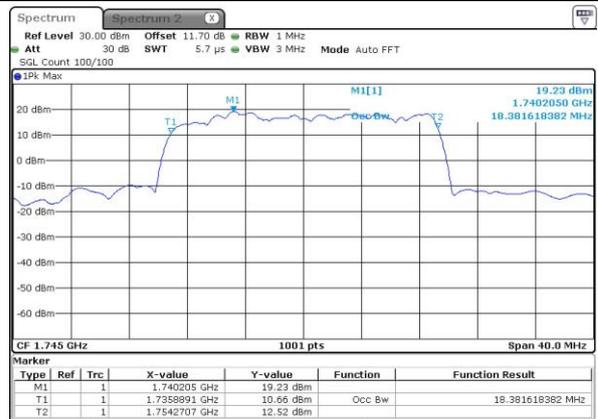
Date: 1.OCT.2016 00:49:56

Highest Channel / 20MHz / QPSK



Date: 1.OCT.2016 00:52:24

Highest Channel / 20MHz / 16QAM



Date: 1.OCT.2016 00:52:36

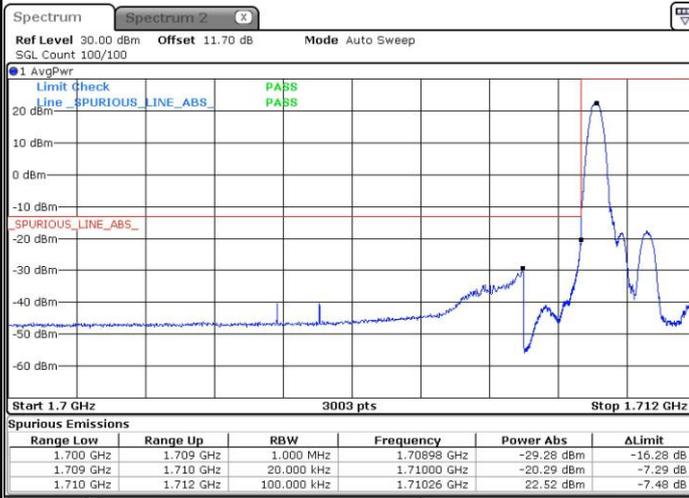


Conducted Band Edge



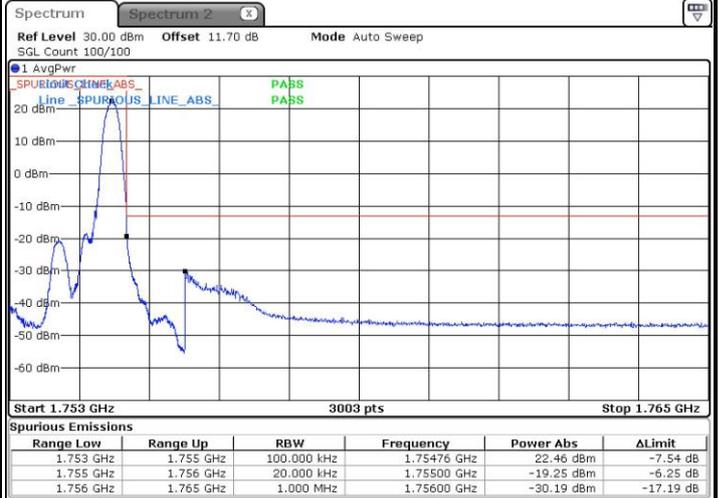
LTE Band 4 / 1.4MHz / QPSK

Lowest Band Edge / 1RB



Date: 3.OCT.2016 14:12:34

Highest Band Edge / 1RB



Date: 3.OCT.2016 14:22:42

Lowest Band Edge / Full RB



Date: 3.OCT.2016 14:14:53

Highest Band Edge / Full RB

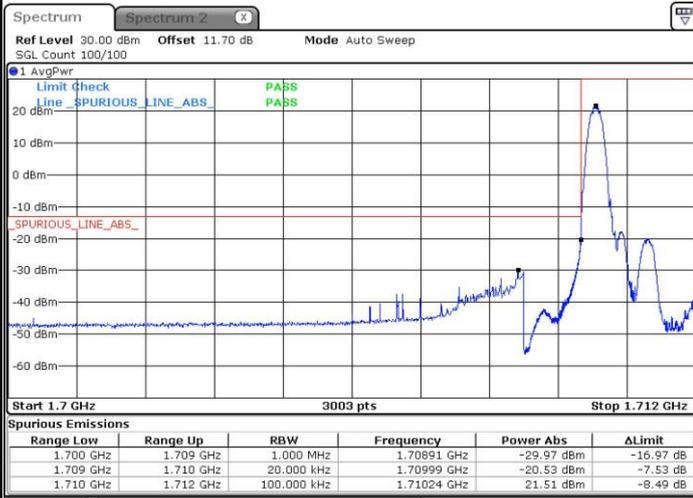


Date: 3.OCT.2016 14:25:01



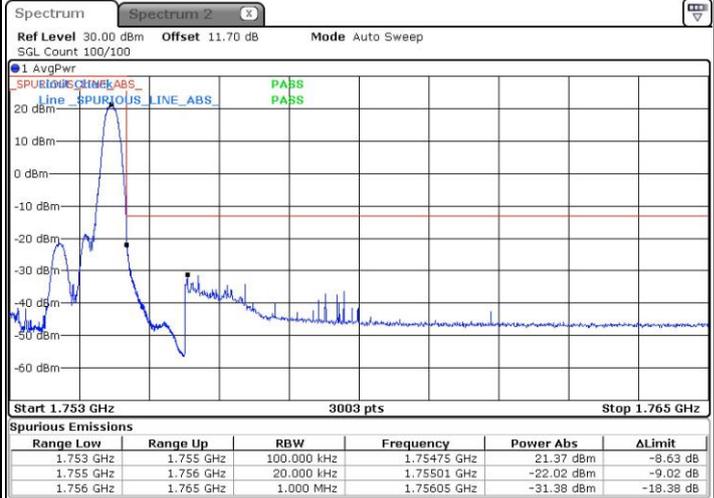
LTE Band 4 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



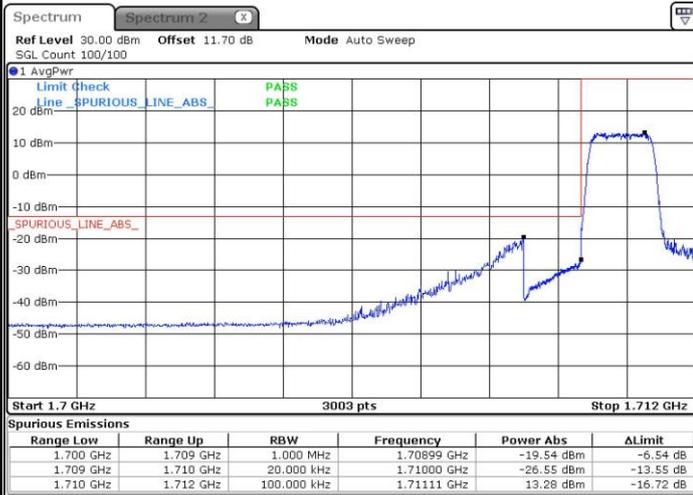
Date: 3.OCT.2016 14:13:44

Highest Band Edge / 1 RB



Date: 3.OCT.2016 14:23:51

Lowest Band Edge / Full RB



Date: 3.OCT.2016 14:16:03

Highest Band Edge / Full RB

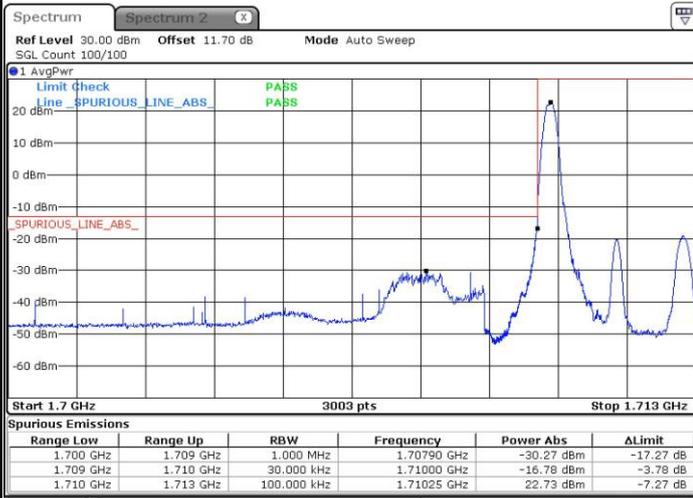


Date: 3.OCT.2016 14:26:11



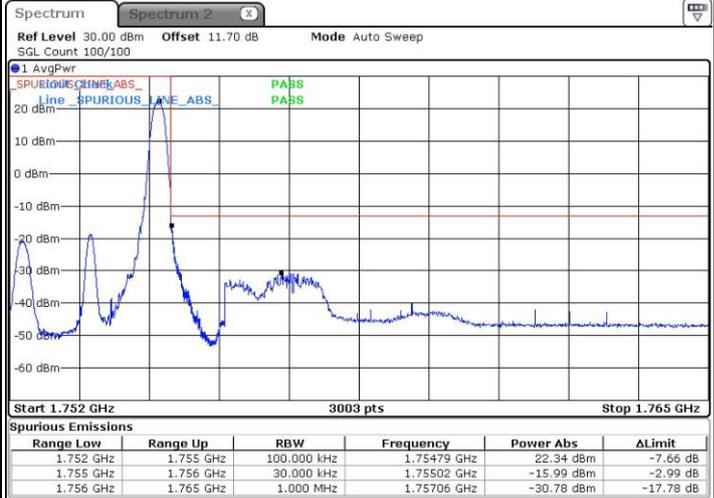
LTE Band 4 / 3MHz / QPSK

Lowest Band Edge / 1RB



Date: 30.SEP.2016 23:25:15

Highest Band Edge / 1 RB



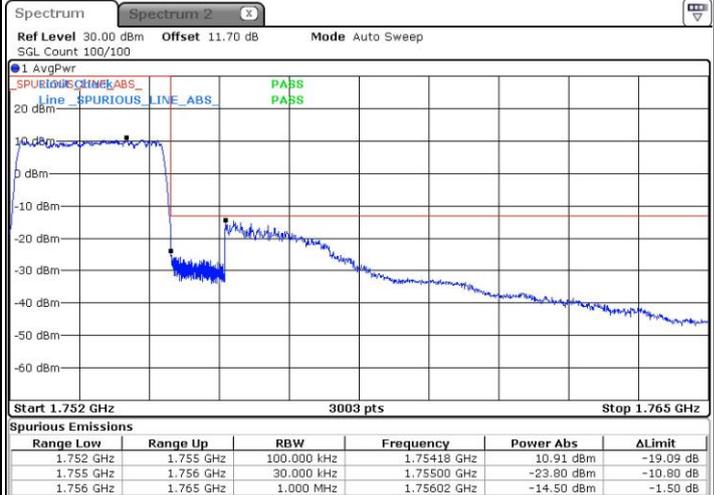
Date: 30.SEP.2016 23:35:13

Lowest Band Edge / Full RB



Date: 30.SEP.2016 23:27:34

Highest Band Edge / Full RB



Date: 30.SEP.2016 23:37:32