



LTE Band 4

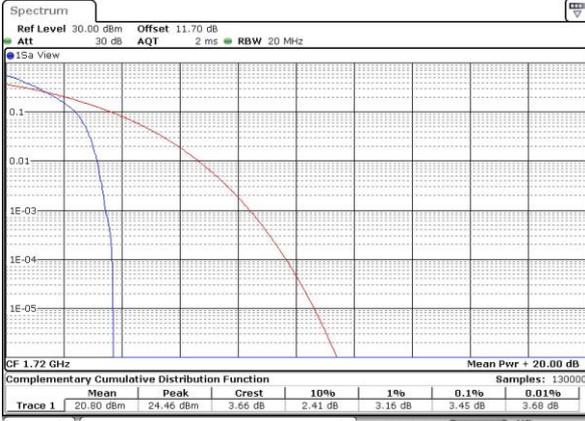
Peak-to-Average Ratio

Mode	LTE Band 4 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.45	4.9	4.46	5.88	PASS
Middle CH	3.74	5.04	4.9	5.94	
Highest CH	3.54	5.01	4.67	5.97	



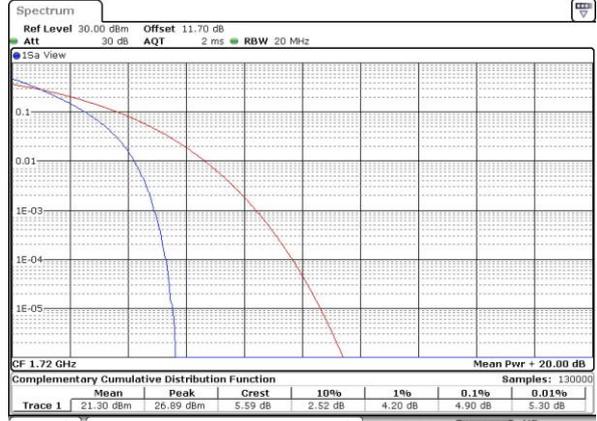
LTE Band 4 / 20MHz / QPSK

Lowest Channel / 1RB



Date: 26.AUG.2016 09:35:58

Lowest Channel / Full RB



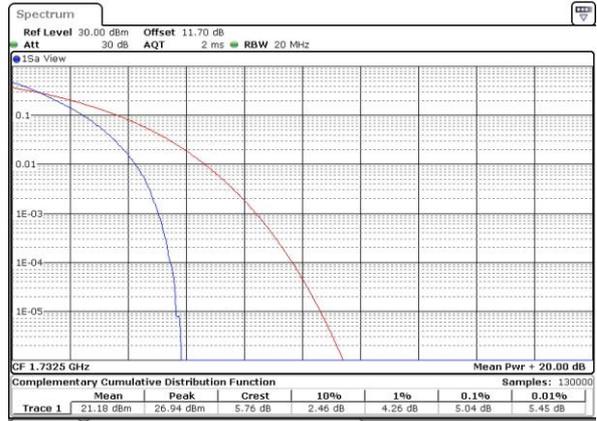
Date: 26.AUG.2016 09:36:10

Middle Channel / 1RB



Date: 26.AUG.2016 09:36:22

Middle Channel / Full RB



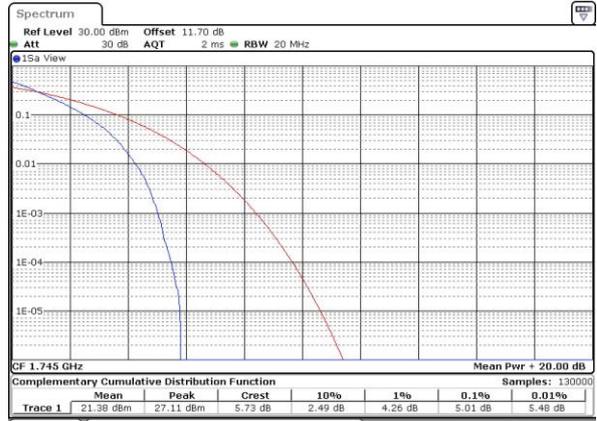
Date: 26.AUG.2016 09:36:34

Highest Channel / 1RB



Date: 26.AUG.2016 09:36:45

Highest Channel / Full RB



Date: 26.AUG.2016 09:36:57



LTE Band 4 / 20MHz / 16QAM

Lowest Channel / 1RB



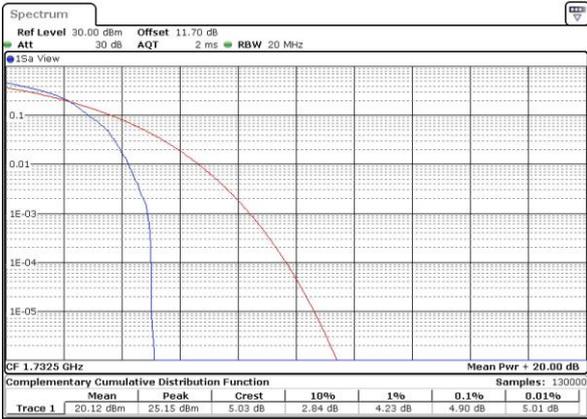
Date: 26.AUG.2016 09:34:48

Lowest Channel / Full RB



Date: 26.AUG.2016 09:35:01

Middle Channel / 1RB



Date: 26.AUG.2016 09:35:12

Middle Channel / Full RB



Date: 26.AUG.2016 09:35:25

Highest Channel / 1RB



Date: 26.AUG.2016 09:35:36

Highest Channel / Full RB



Date: 26.AUG.2016 09:35:47



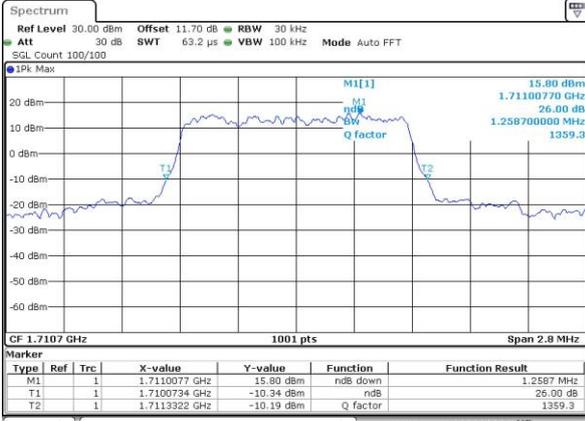
26dB Bandwidth

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	1.259	1.262	2.991	3.021	5.045	4.865	9.87	9.65	14.565	14.416	20.18	20.34
Middle CH	1.245	1.245	2.979	3.009	4.945	4.945	9.75	9.67	14.386	14.206	20.38	20.22
Highest CH	1.256	1.225	3.015	3.009	4.985	4.935	9.89	9.91	14.595	14.206	20.26	20.3



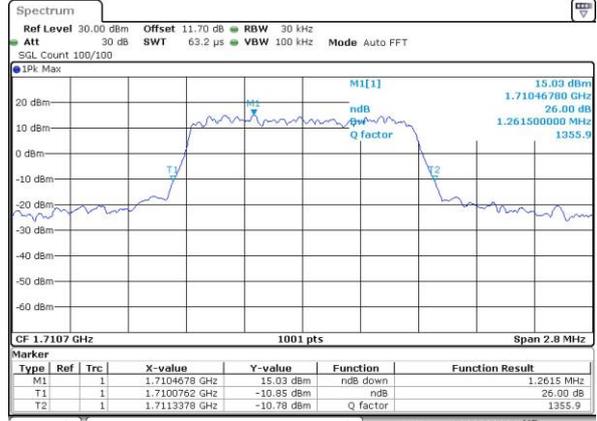
LTE Band 4

Lowest Channel / 1.4MHz / QPSK



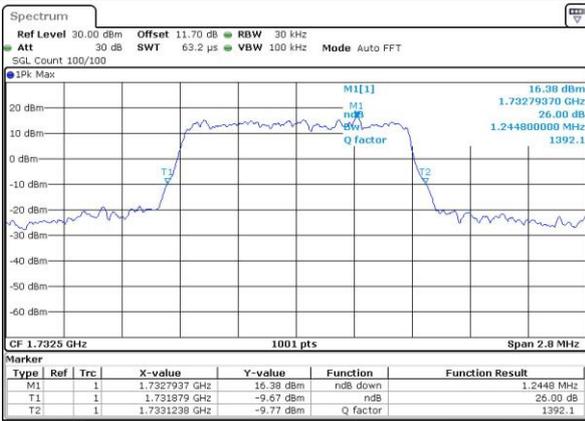
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Lowest Channel / 1.4MHz / 16QAM



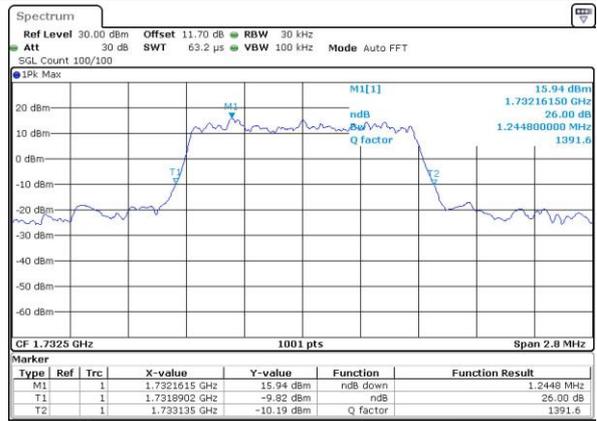
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Middle Channel / 1.4MHz / QPSK



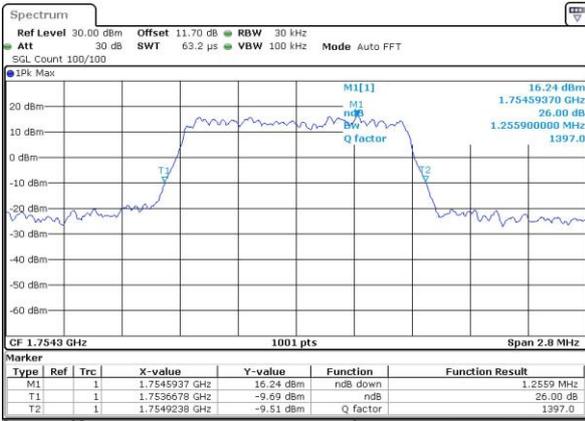
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Middle Channel / 1.4MHz / 16QAM



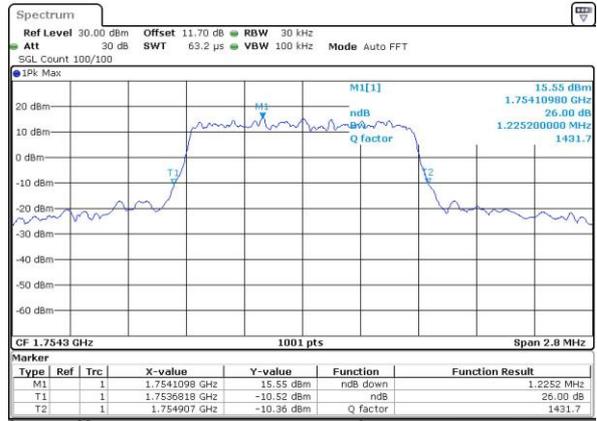
Date: 26_AUG.2016 09:24:57

Highest Channel / 1.4MHz / QPSK



Date: 26_AUG.2016 09:27:29

Highest Channel / 1.4MHz / 16QAM

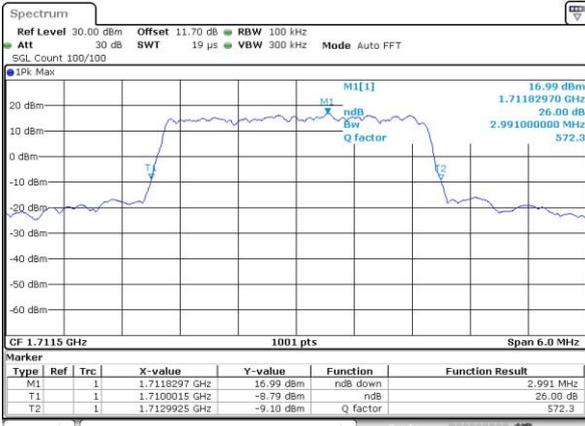


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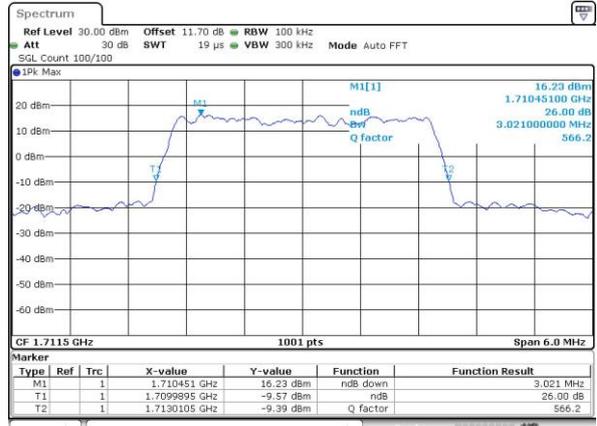
LTE Band 4

Lowest Channel / 3MHz / QPSK



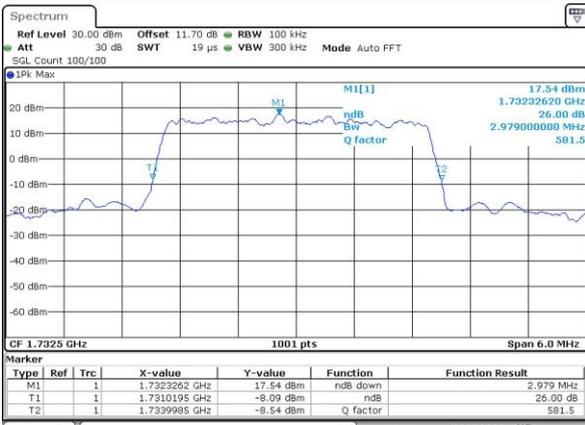
Date: 26_AUG.2016 07:48:01

Lowest Channel / 3MHz / 16QAM



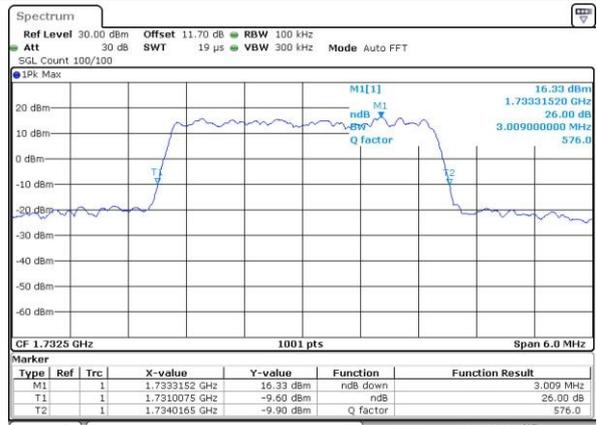
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Middle Channel / 3MHz / QPSK



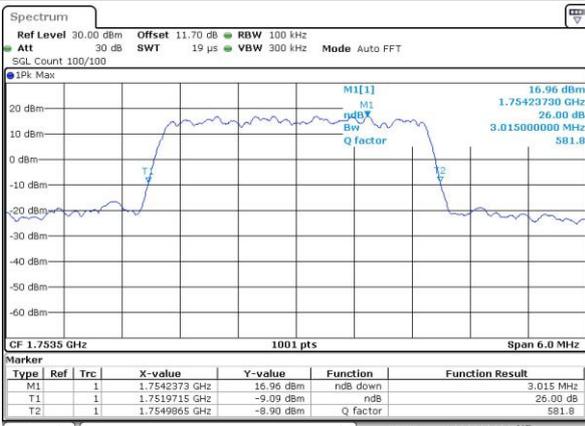
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Middle Channel / 3MHz / 16QAM



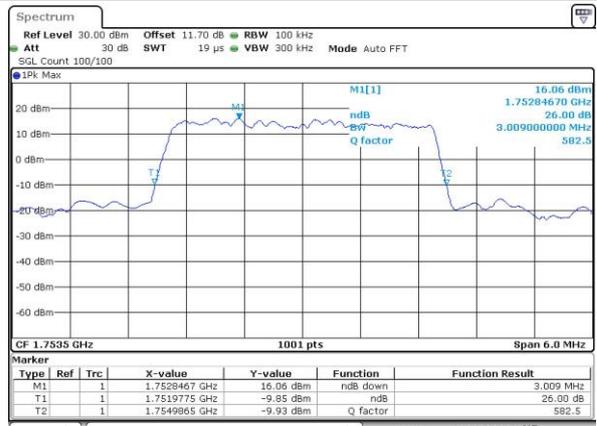
Date: 26_AUG.2016 07:55:35

Highest Channel / 3MHz / QPSK



Date: 26_AUG.2016 07:58:07

Highest Channel / 3MHz / 16QAM

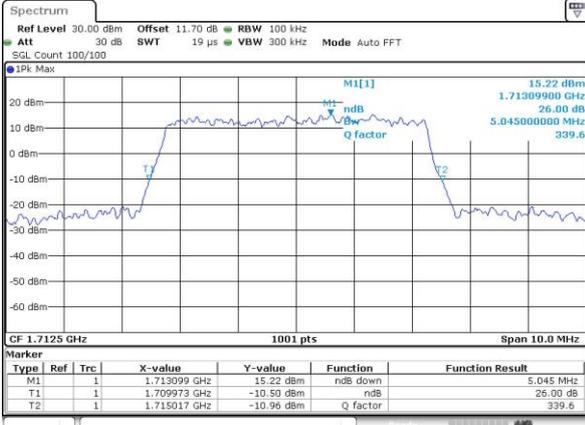


Date: 26_AUG.2016 07:58:19



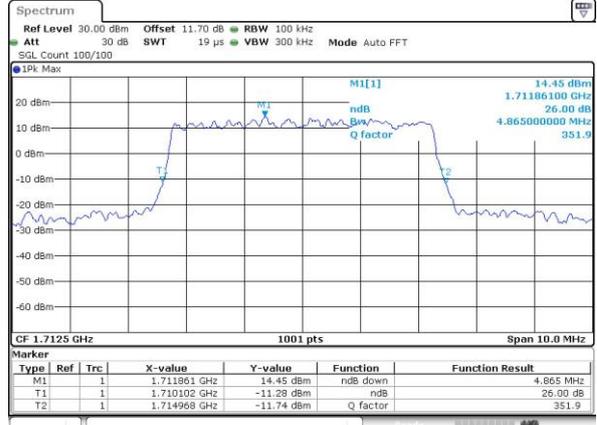
LTE Band 4

Lowest Channel / 5MHz / QPSK



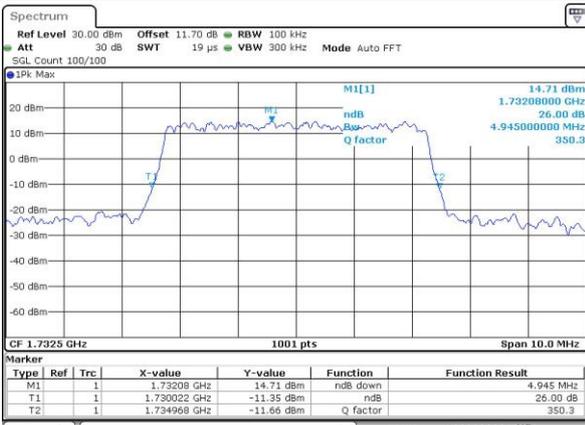
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Lowest Channel / 5MHz / 16QAM



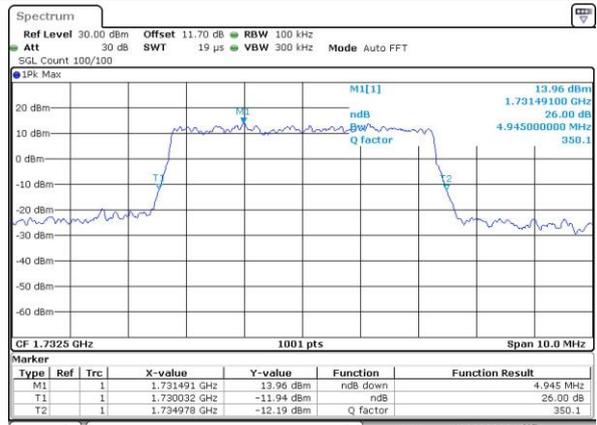
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Middle Channel / 5MHz / QPSK



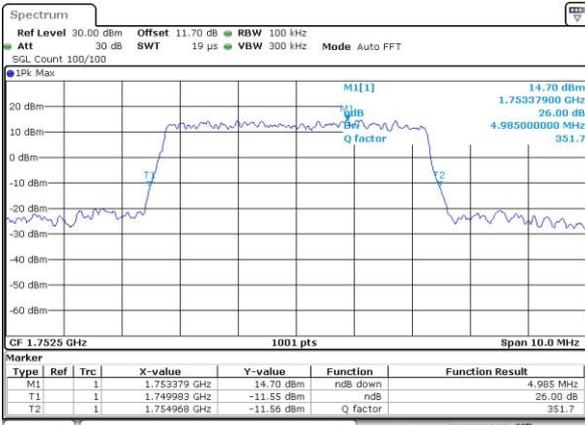
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Middle Channel / 5MHz / 16QAM



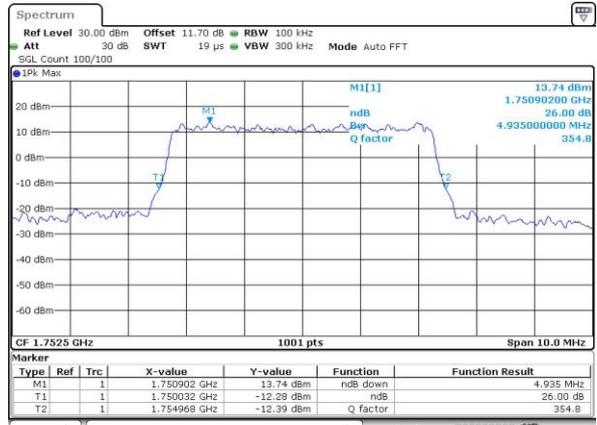
Date: 26_AUG.2016 08:13:01

Highest Channel / 5MHz / QPSK



Date: 26_AUG.2016 08:15:33

Highest Channel / 5MHz / 16QAM

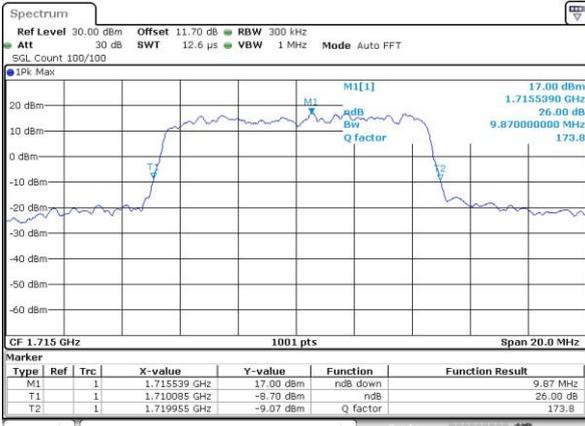


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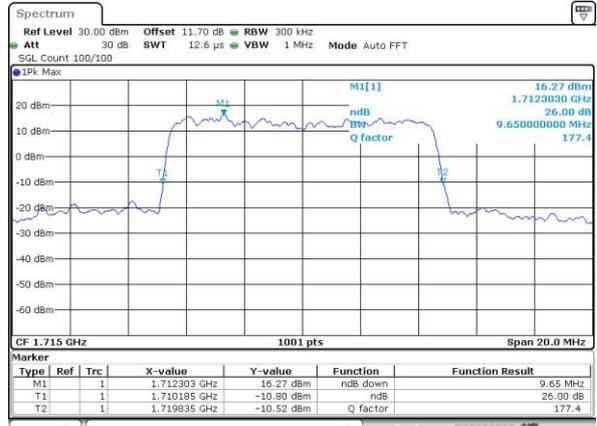
LTE Band 4

Lowest Channel / 10MHz / QPSK



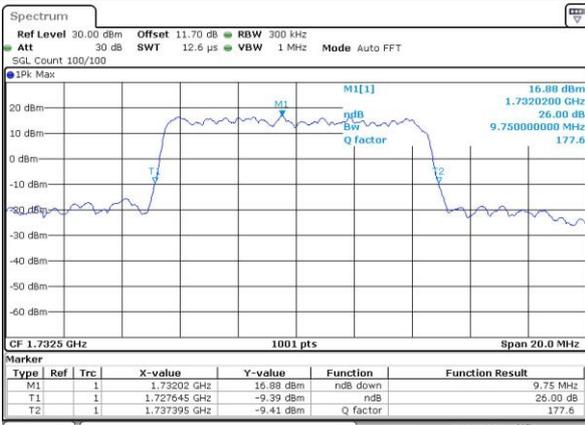
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Lowest Channel / 10MHz / 16QAM



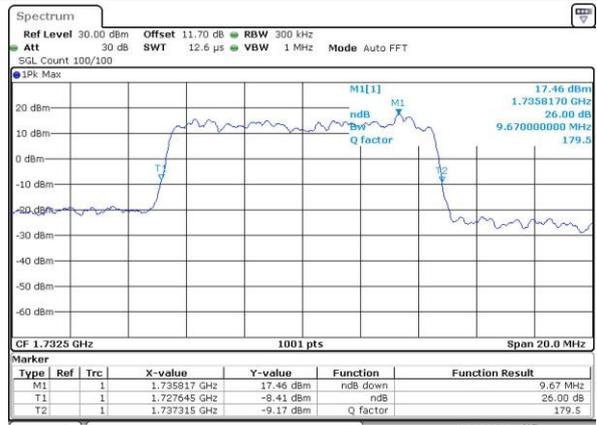
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Middle Channel / 10MHz / QPSK



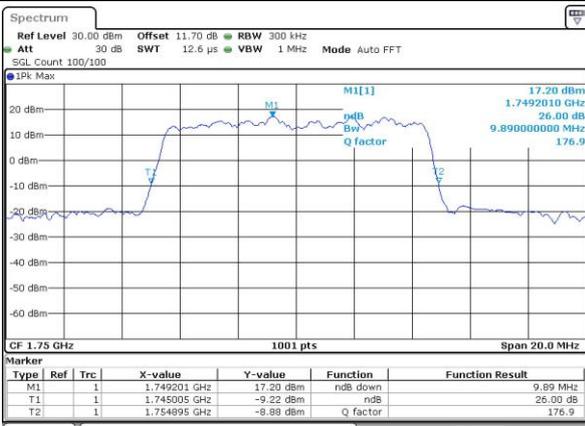
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Middle Channel / 10MHz / 16QAM



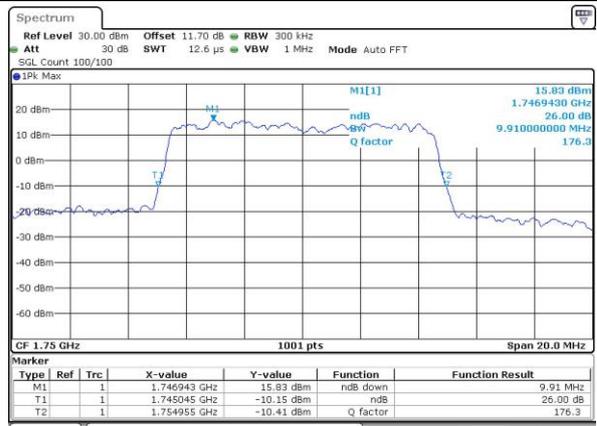
Date: 26_AUG.2016 08:30:29

Highest Channel / 10MHz / QPSK



Date: 26_AUG.2016 08:33:01

Highest Channel / 10MHz / 16QAM

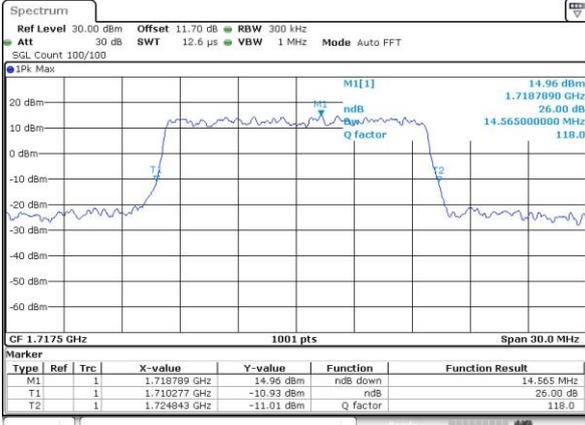


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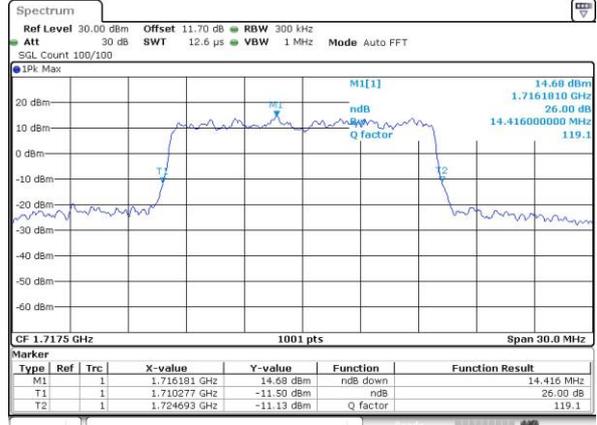
LTE Band 4

Lowest Channel / 15MHz / QPSK



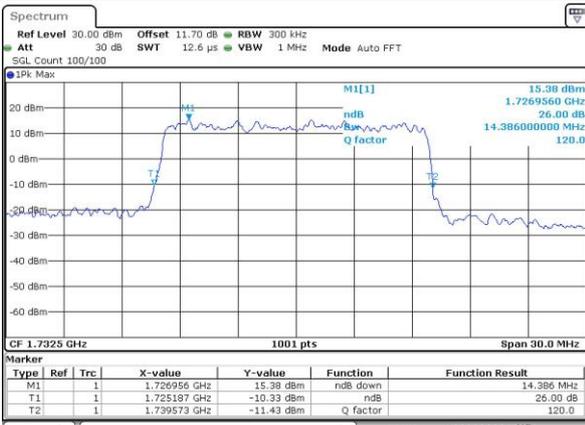
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Lowest Channel / 15MHz / 16QAM



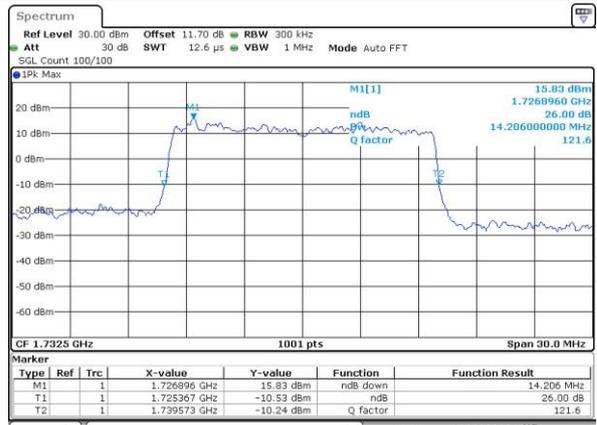
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Middle Channel / 15MHz / QPSK



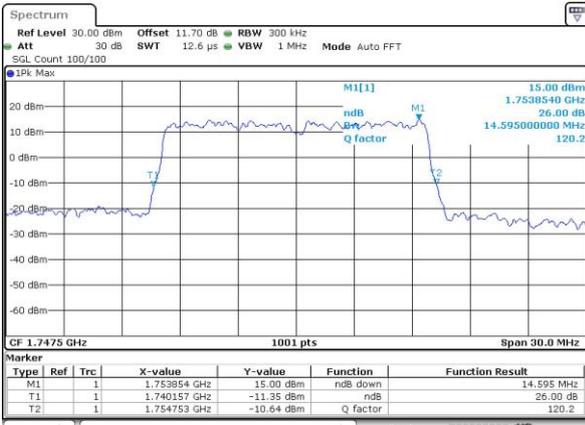
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Middle Channel / 15MHz / 16QAM



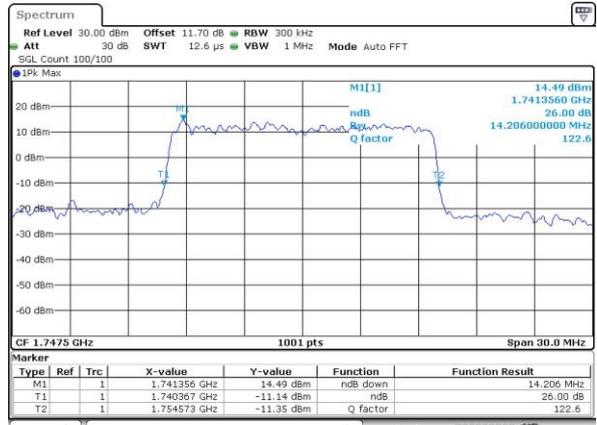
Date: 26_AUG.2016 08:50:08

Highest Channel / 15MHz / QPSK



Date: 26_AUG.2016 08:52:40

Highest Channel / 15MHz / 16QAM

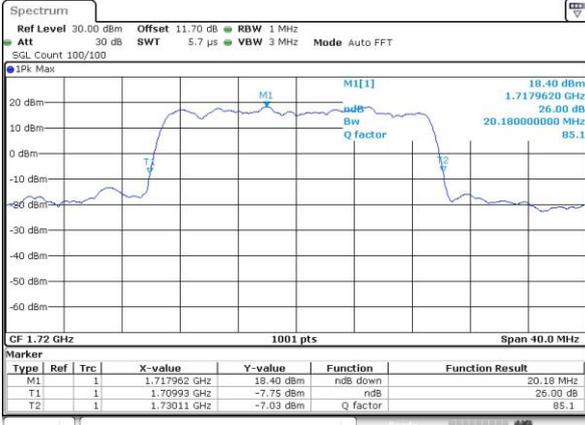


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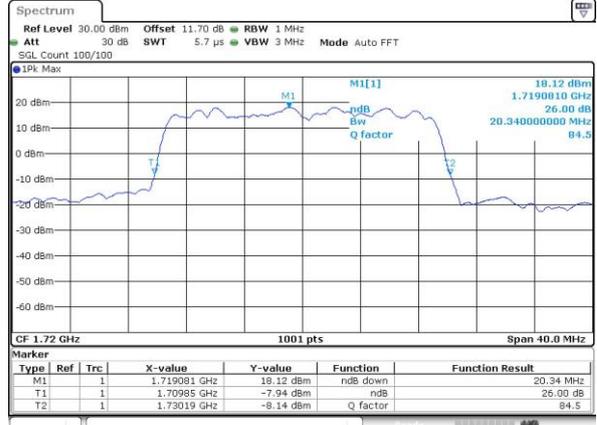
LTE Band 4

Lowest Channel / 20MHz / QPSK



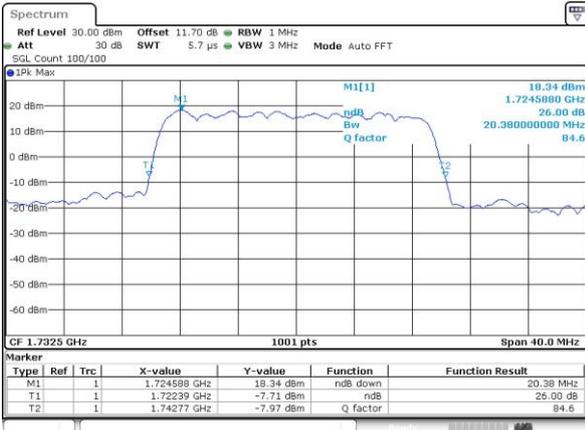
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Lowest Channel / 20MHz / 16QAM



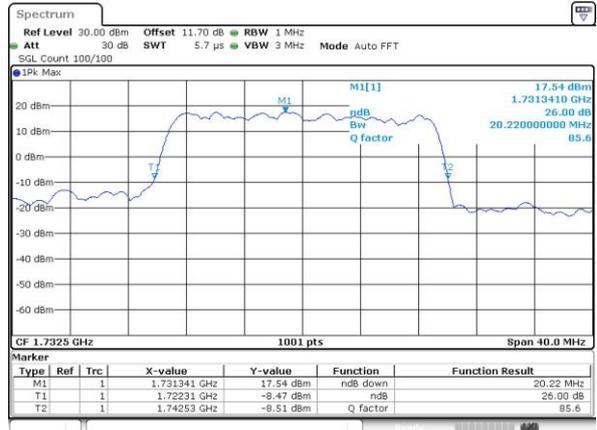
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Middle Channel / 20MHz / QPSK



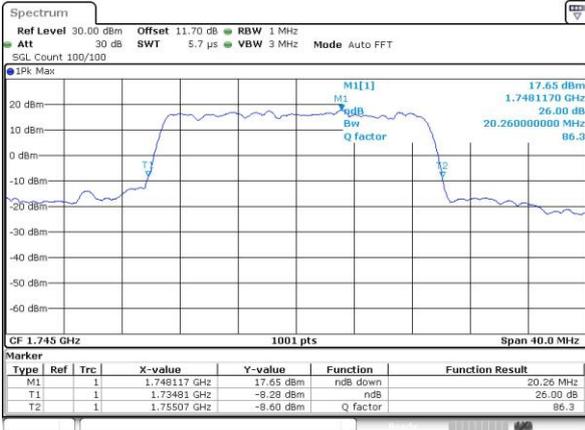
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Middle Channel / 20MHz / 16QAM



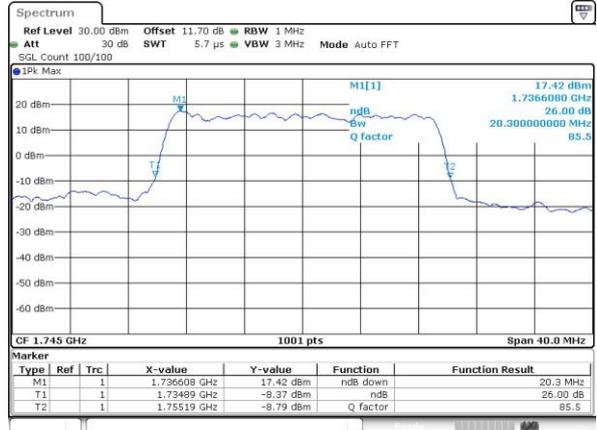
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Highest Channel / 20MHz / QPSK



Date: 26_AUG.2016 09:10:05

Highest Channel / 20MHz / 16QAM



Date: 26_AUG.2016 09:10:16



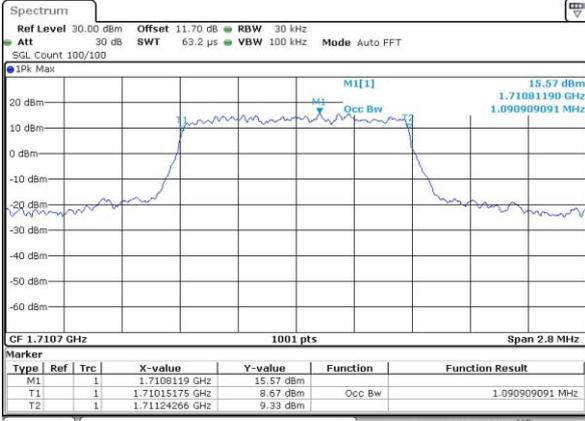
Occupied Bandwidth

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	1.09	1.09	2.7	2.7	4.48	4.49	9.05	9.07	13.46	13.55	18.38	18.5
Middle CH	1.09	1.1	2.72	2.72	4.5	4.48	9.05	9.03	13.52	13.43	18.5	18.5
Highest CH	1.1	1.08	2.72	2.72	4.51	4.49	9.03	8.99	13.46	13.43	18.46	18.5



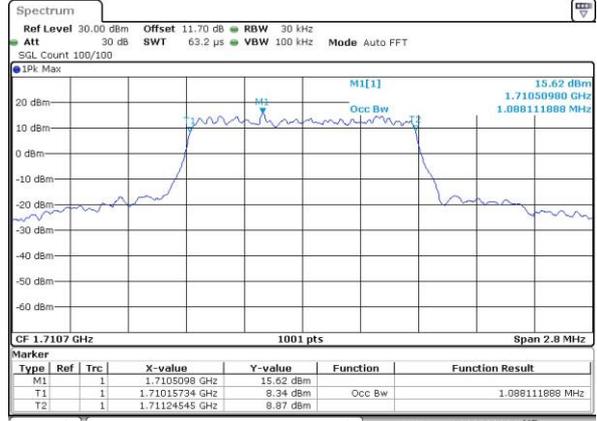
LTE Band 4

Lowest Channel / 1.4MHz / QPSK



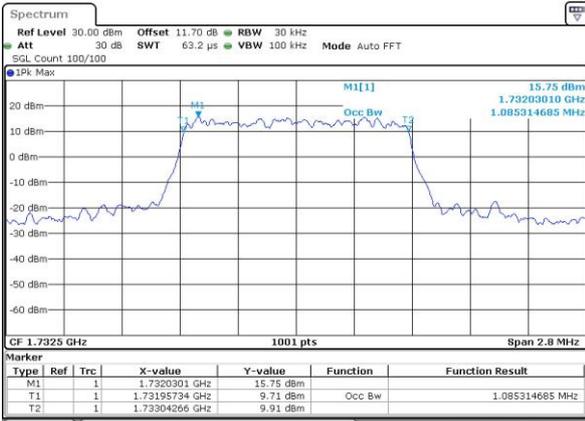
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Lowest Channel / 1.4MHz / 16QAM



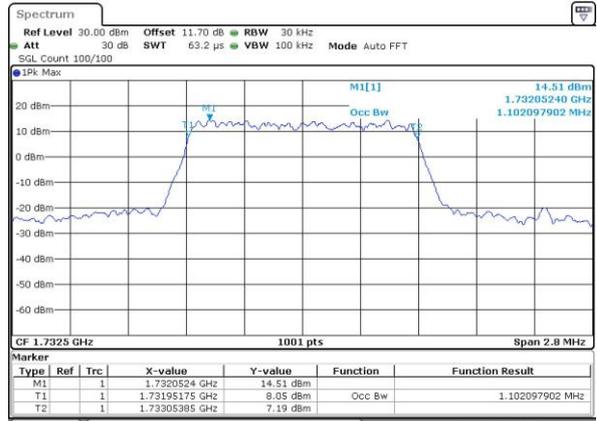
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Middle Channel / 1.4MHz / QPSK



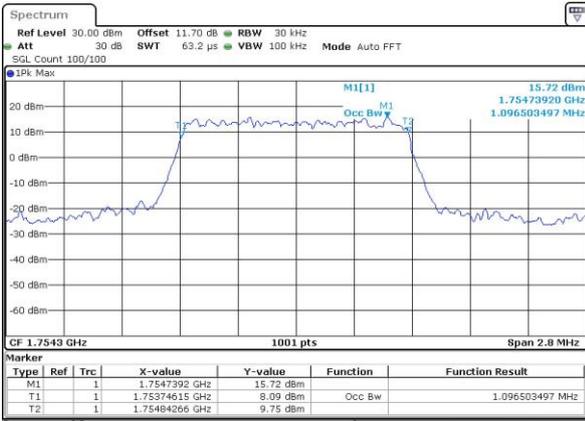
Date: 26_AUG.2016 09:24:22

Middle Channel / 1.4MHz / 16QAM



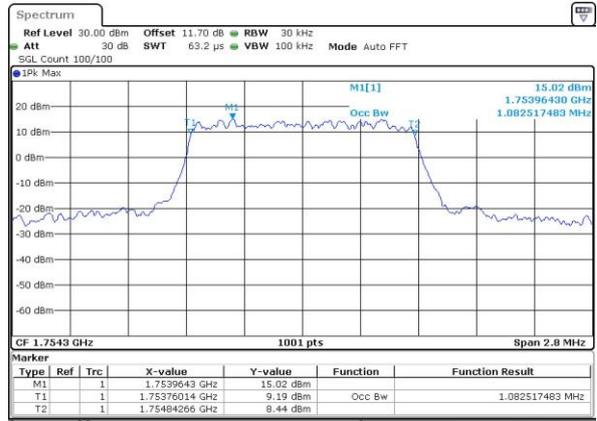
Date: 26_AUG.2016 09:24:34

Highest Channel / 1.4MHz / QPSK



Date: 26_AUG.2016 09:27:05

Highest Channel / 1.4MHz / 16QAM

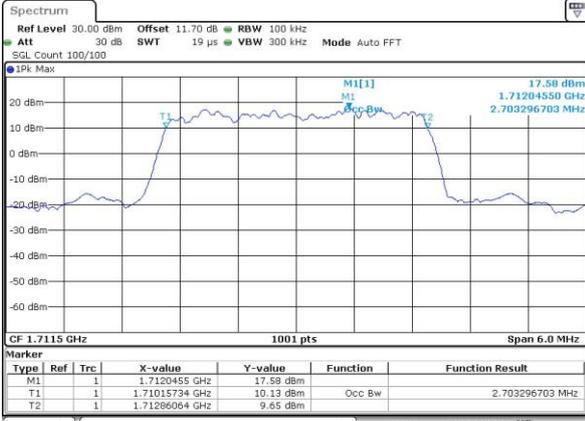


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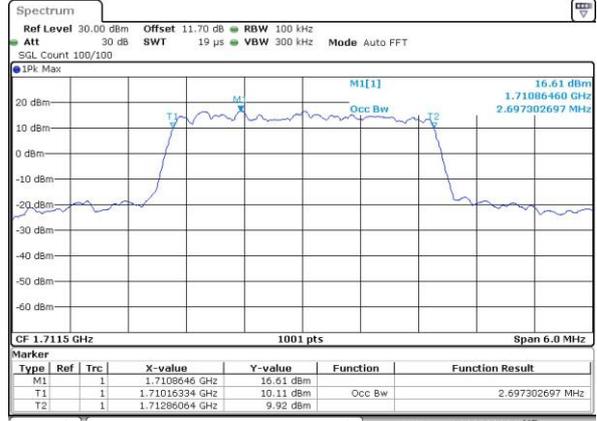
LTE Band 4

Lowest Channel / 3MHz / QPSK



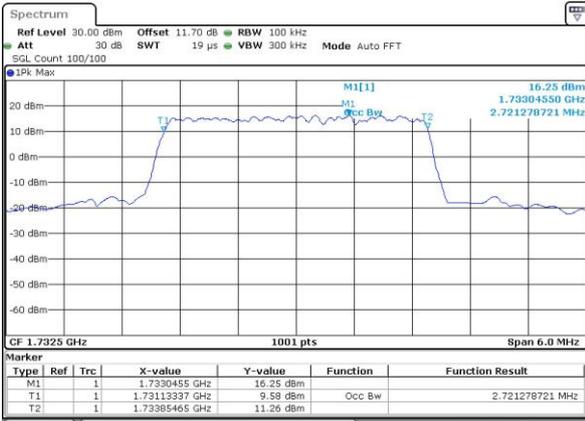
Date: 26_AUG.2016 07:47:38

Lowest Channel / 3MHz / 16QAM



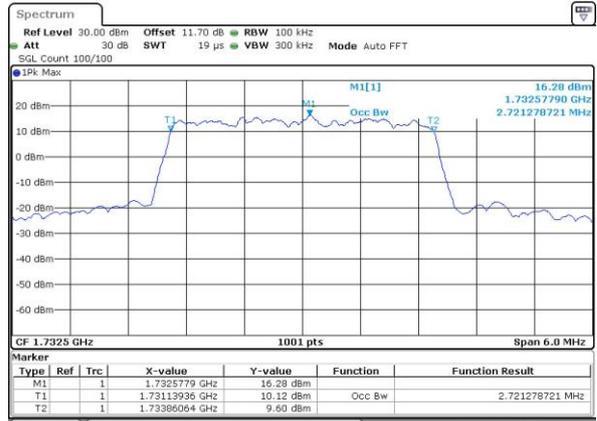
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Middle Channel / 3MHz / QPSK



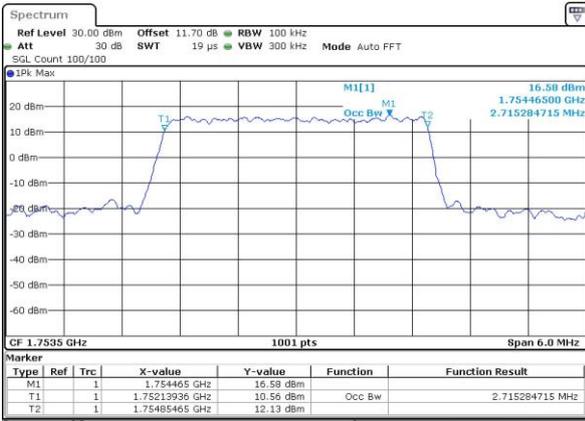
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Middle Channel / 3MHz / 16QAM



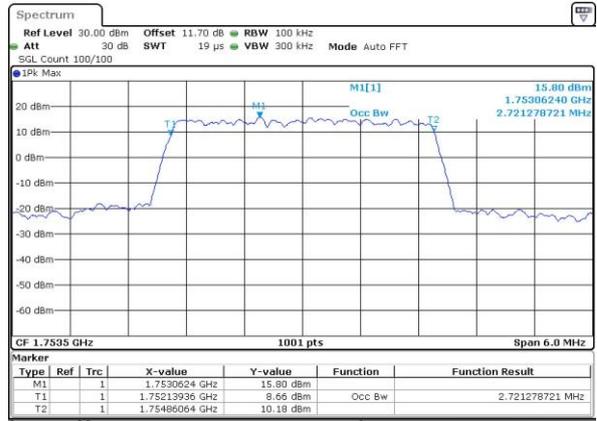
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Highest Channel / 3MHz / QPSK



Date: 26_AUG.2016 07:57:43

Highest Channel / 3MHz / 16QAM

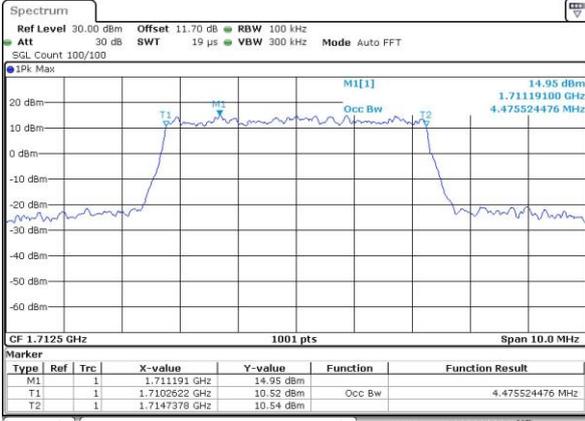


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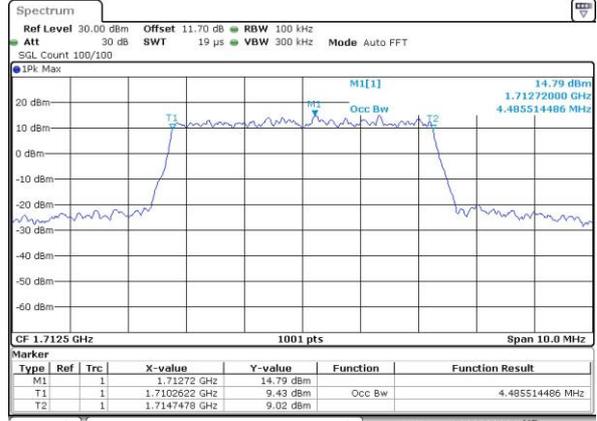
LTE Band 4

Lowest Channel / 5MHz / QPSK



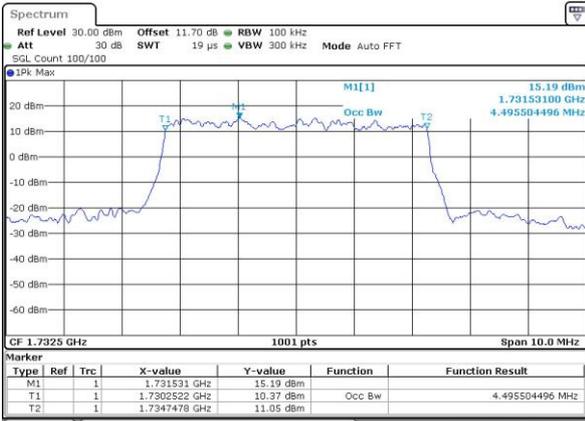
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Lowest Channel / 5MHz / 16QAM



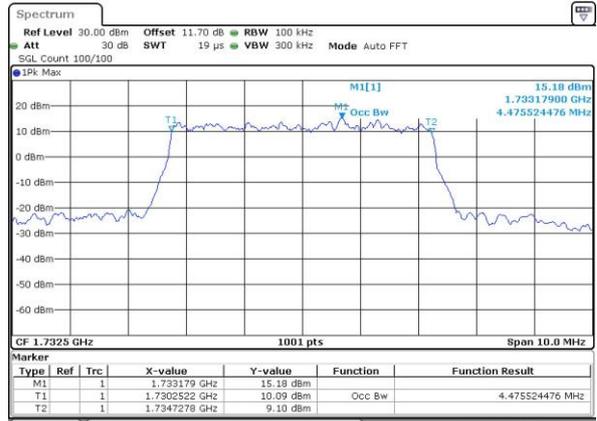
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Middle Channel / 5MHz / QPSK



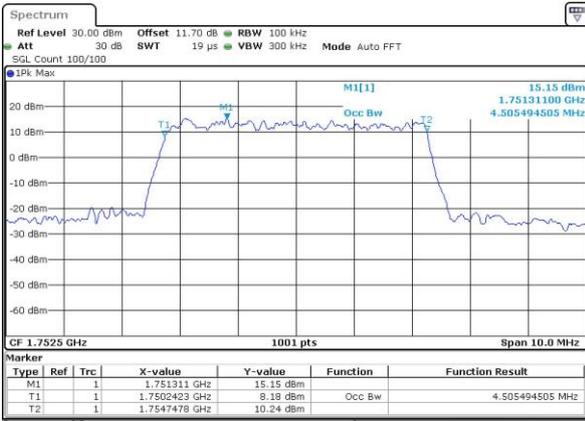
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Middle Channel / 5MHz / 16QAM



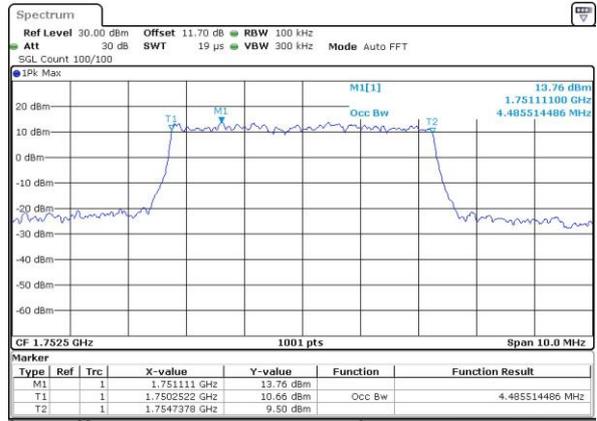
Date: 26_AUG.2016 08:12:38

Highest Channel / 5MHz / QPSK



Date: 26_AUG.2016 08:15:10

Highest Channel / 5MHz / 16QAM

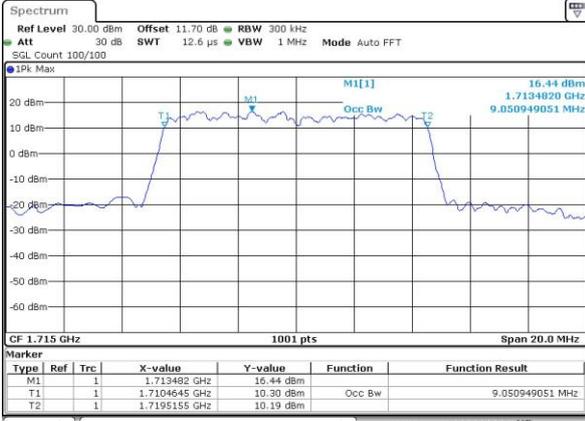


Date: 26_AUG.2016 08:15:21



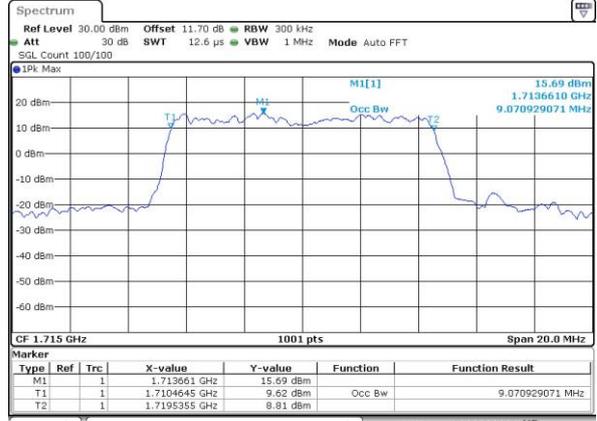
LTE Band 4

Lowest Channel / 10MHz / QPSK



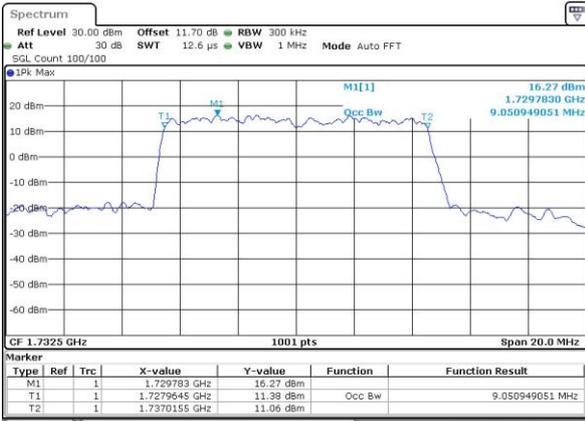
Date: 26_AUG.2016 08:22:31

Lowest Channel / 10MHz / 16QAM



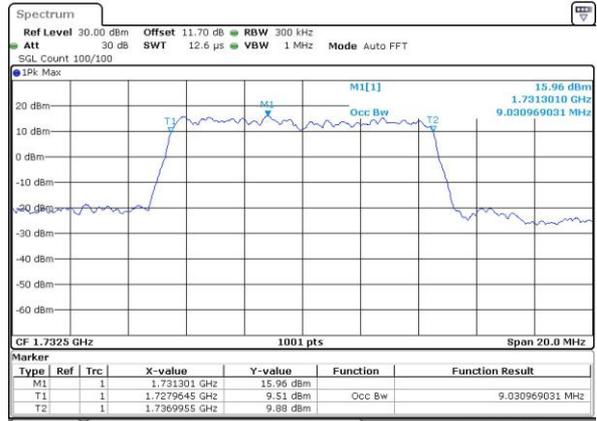
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Middle Channel / 10MHz / QPSK



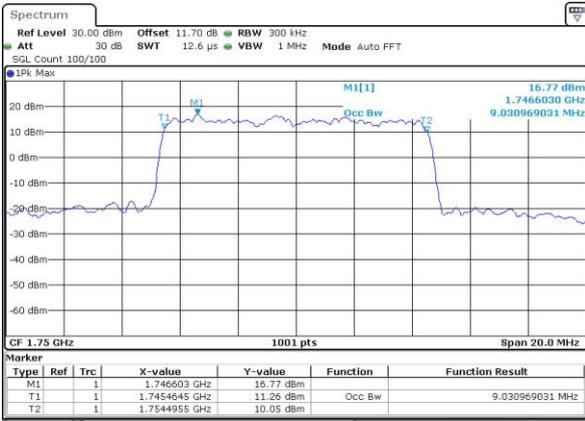
Date: 26_AUG.2016 08:29:53

Middle Channel / 10MHz / 16QAM



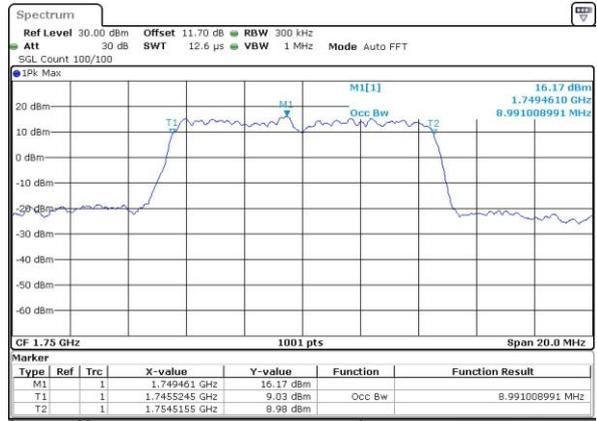
Date: 26_AUG.2016 08:30:05

Highest Channel / 10MHz / QPSK



Date: 26_AUG.2016 08:32:37

Highest Channel / 10MHz / 16QAM

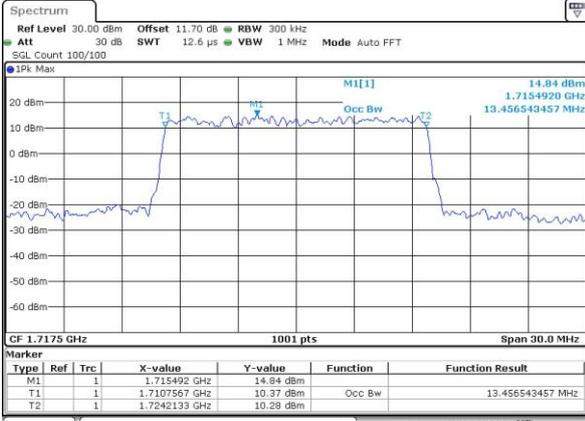


Date: 26_AUG.2016 08:32:49



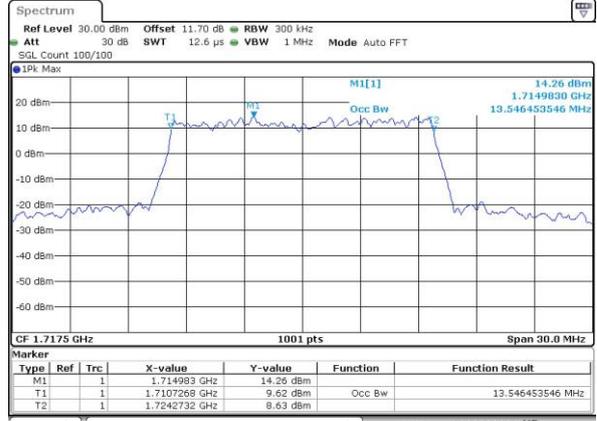
LTE Band 4

Lowest Channel / 15MHz / QPSK



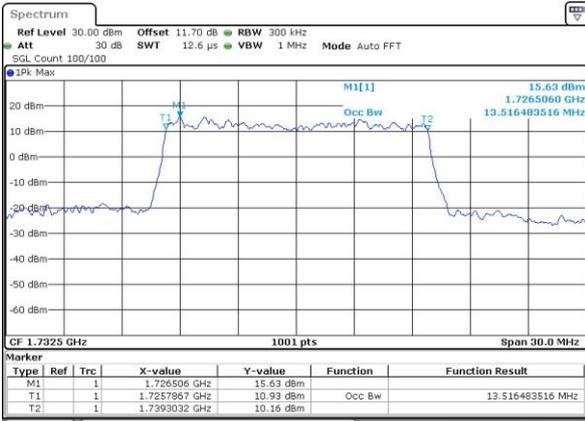
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Lowest Channel / 15MHz / 16QAM



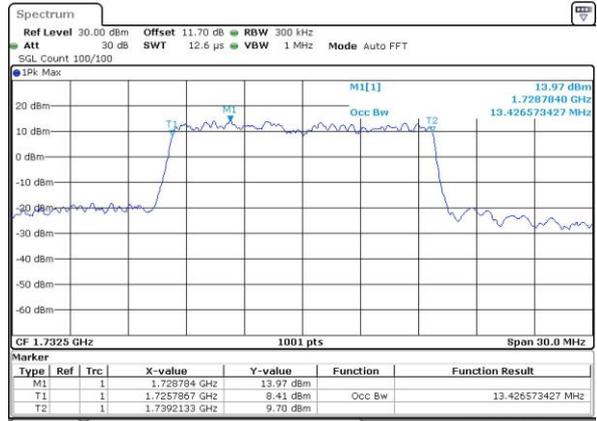
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Middle Channel / 15MHz / QPSK



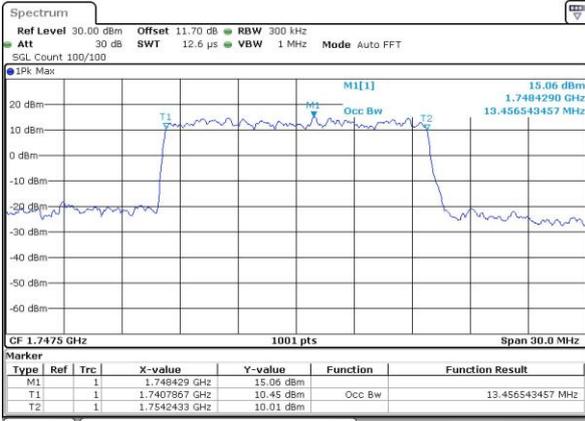
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Middle Channel / 15MHz / 16QAM



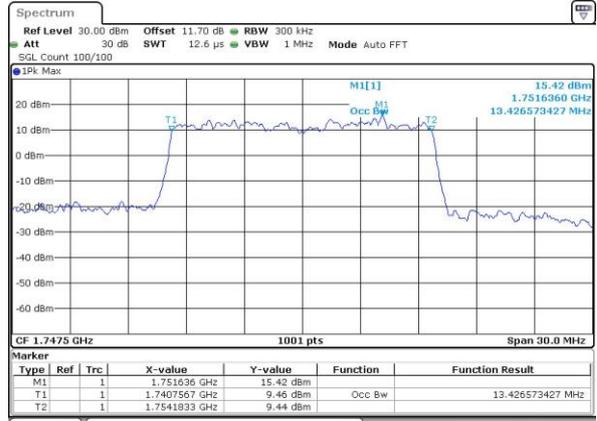
Date: 26_AUG.2016 08:49:45

Highest Channel / 15MHz / QPSK



Date: 26_AUG.2016 08:52:17

Highest Channel / 15MHz / 16QAM

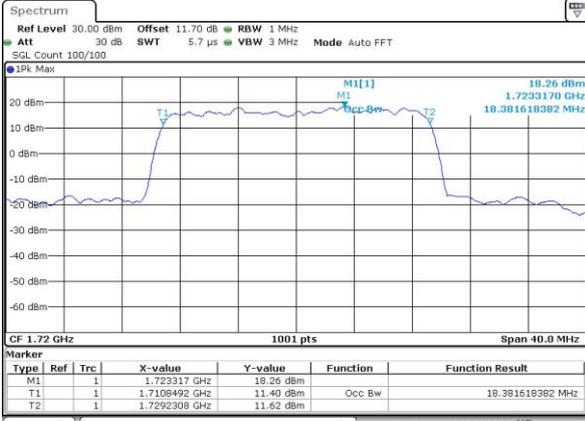


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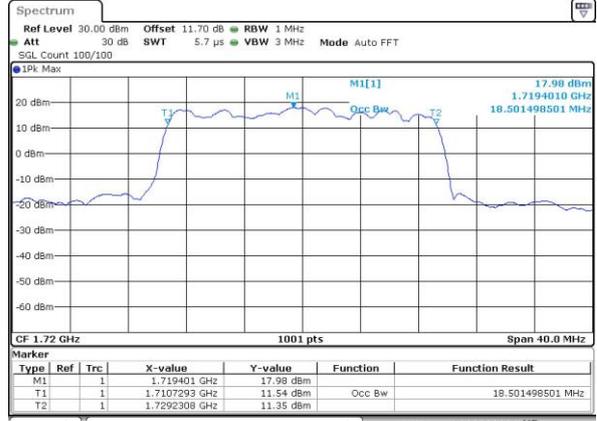


LTE Band 4

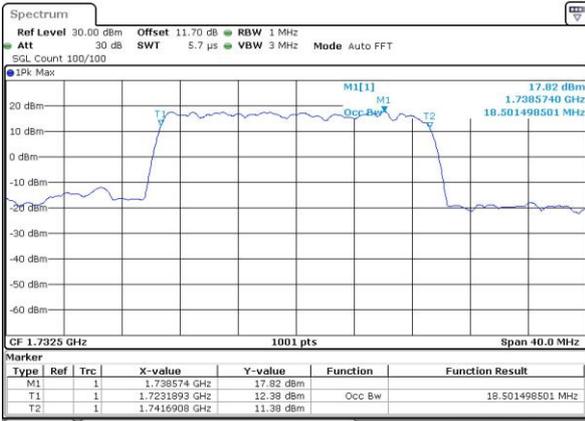
Lowest Channel / 20MHz / QPSK



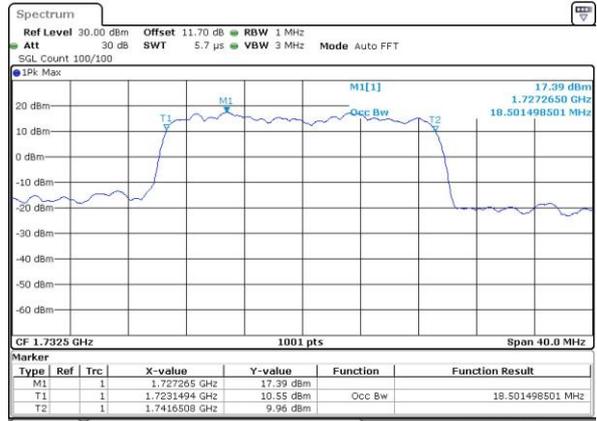
Lowest Channel / 20MHz / 16QAM



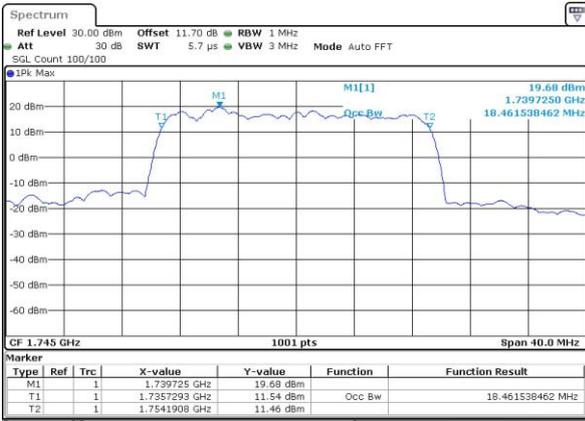
Middle Channel / 20MHz / QPSK



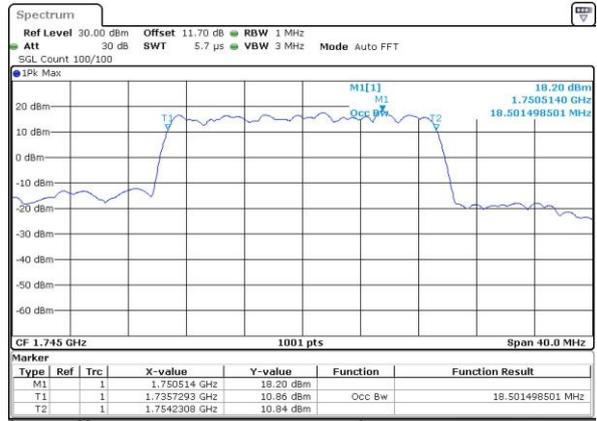
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



Highest Channel / 20MHz / 16QAM



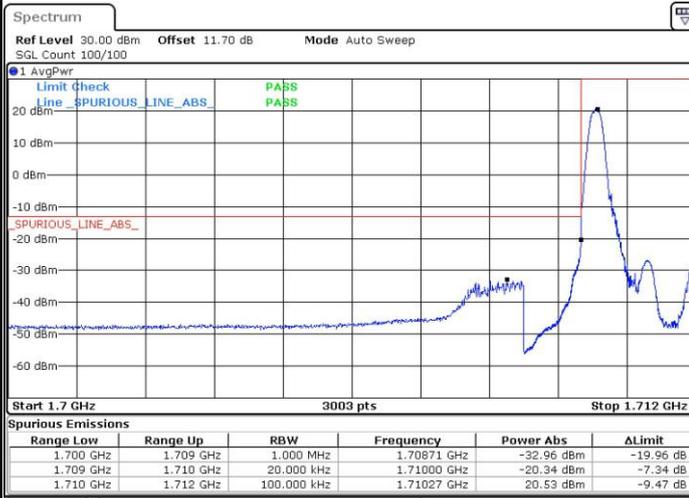


Conducted Band Edge



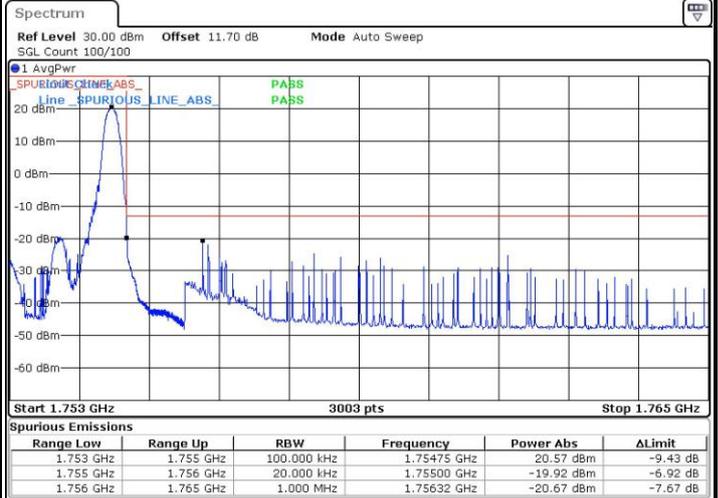
LTE Band 4 / 1.4MHz / QPSK

Lowest Band Edge / 1RB



Date: 26.AUG.2016 09:40:09

Highest Band Edge / 1RB



Date: 26.AUG.2016 09:28:50

Lowest Band Edge / Full RB



Date: 26.AUG.2016 09:21:05

Highest Band Edge / Full RB

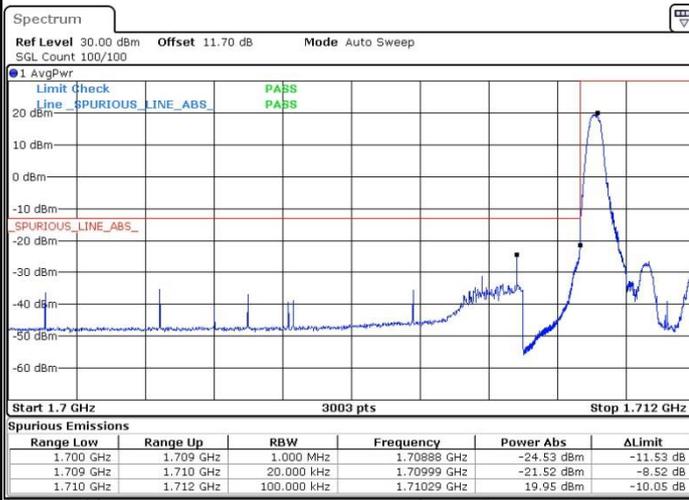


Date: 26.AUG.2016 09:31:08

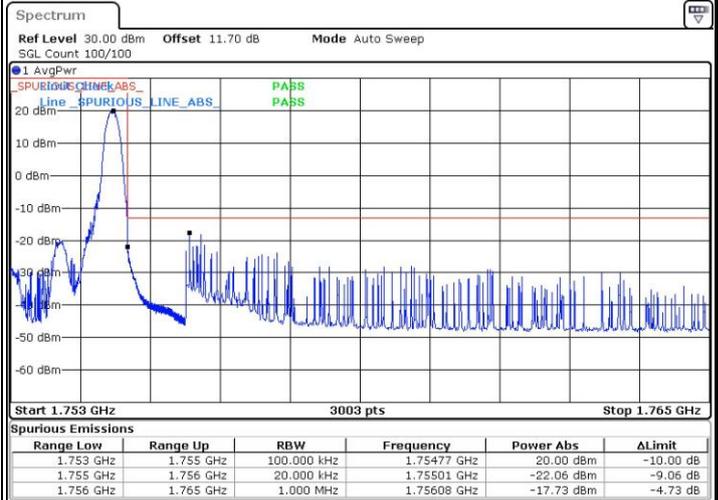


LTE Band 4 / 1.4MHz / 16QAM

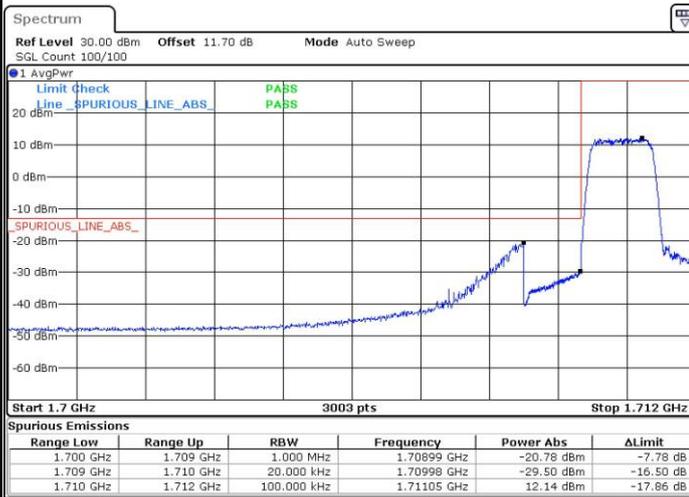
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



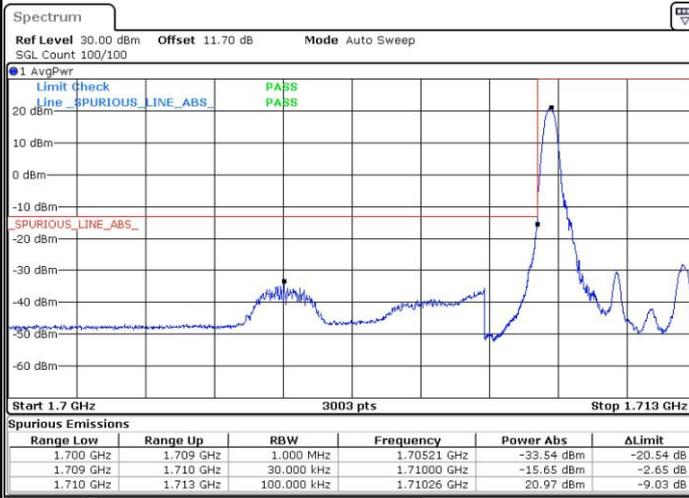
Highest Band Edge / Full RB





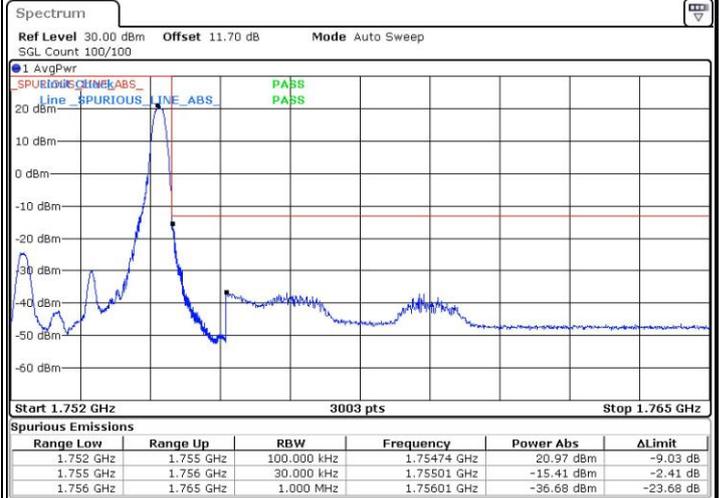
LTE Band 4 / 3MHz / QPSK

Lowest Band Edge / 1RB



Date: 26.AUG.2016 07:49:23

Highest Band Edge / 1 RB



Date: 26.AUG.2016 07:59:28

Lowest Band Edge / Full RB



Date: 26.AUG.2016 07:51:42

Highest Band Edge / Full RB



Date: 26.AUG.2016 08:01:47