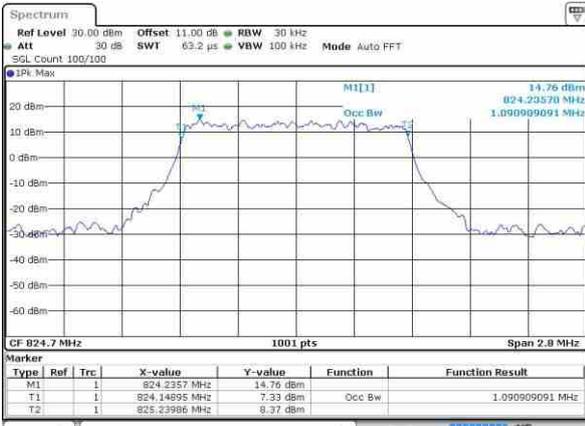




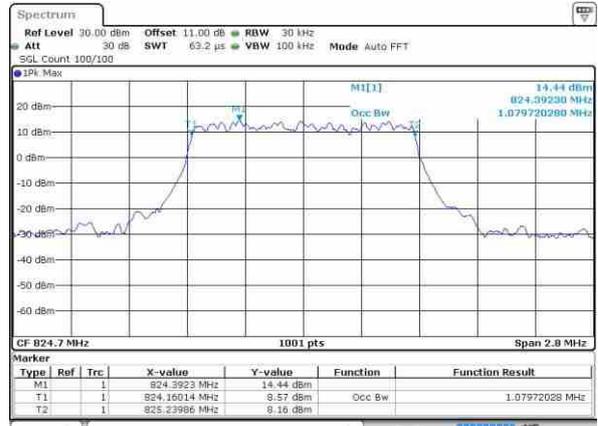
LTE Band 26

Lowest Channel / 1.4MHz / QPSK



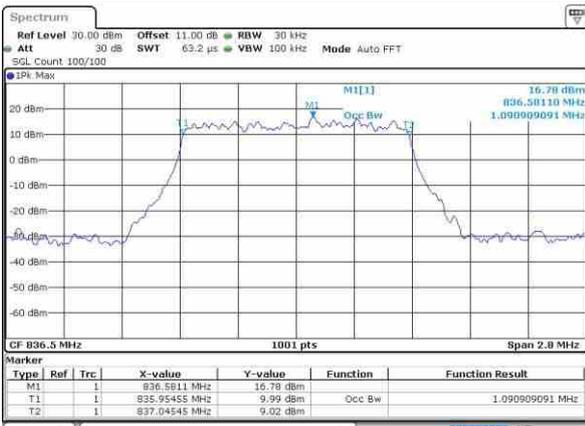
Date: 12.MAR.2016 20:44:51

Lowest Channel / 1.4MHz / 16QAM



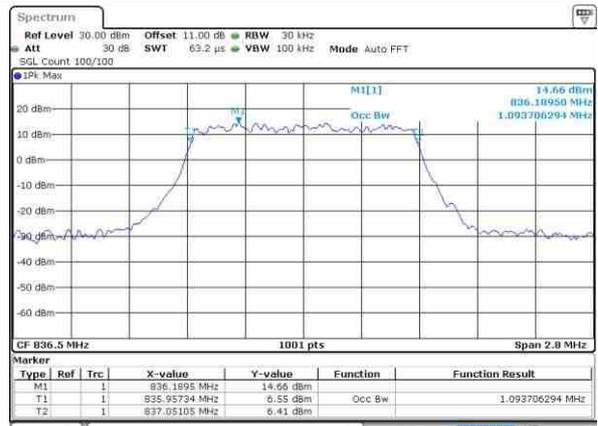
Date: 12.MAR.2016 20:45:02

Middle Channel / 1.4MHz / QPSK



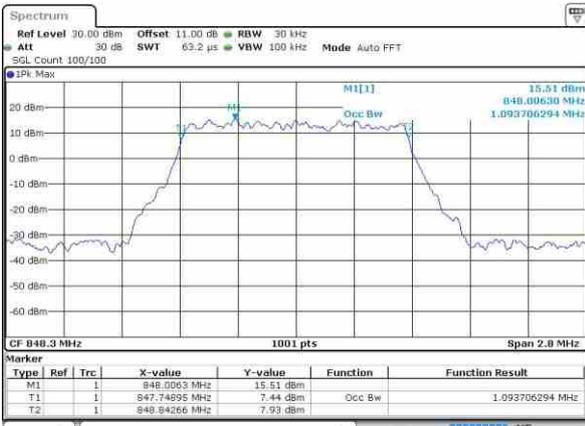
Date: 12.MAR.2016 20:52:43

Middle Channel / 1.4MHz / 16QAM



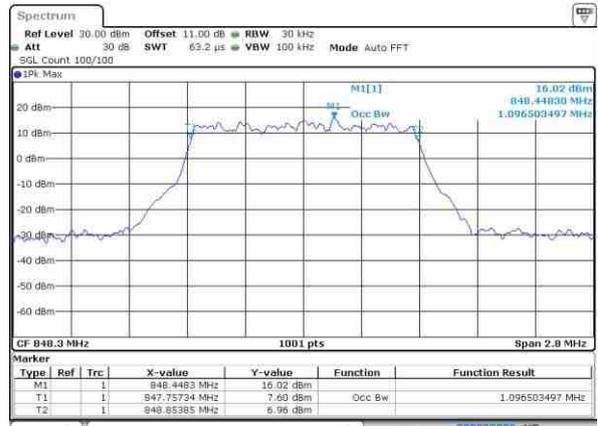
Date: 12.MAR.2016 20:52:53

Highest Channel / 1.4MHz / QPSK



Date: 12.MAR.2016 20:55:14

Highest Channel / 1.4MHz / 16QAM

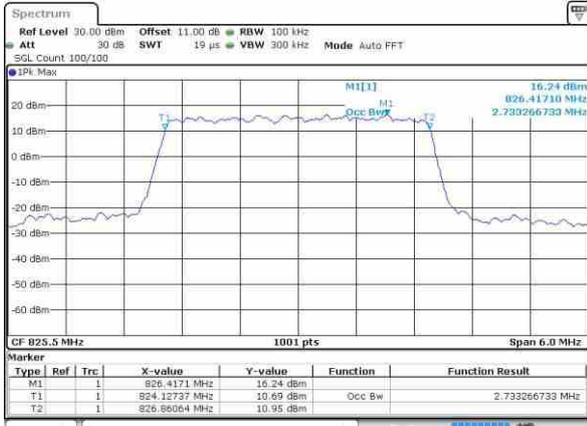


Date: 12.MAR.2016 20:55:24



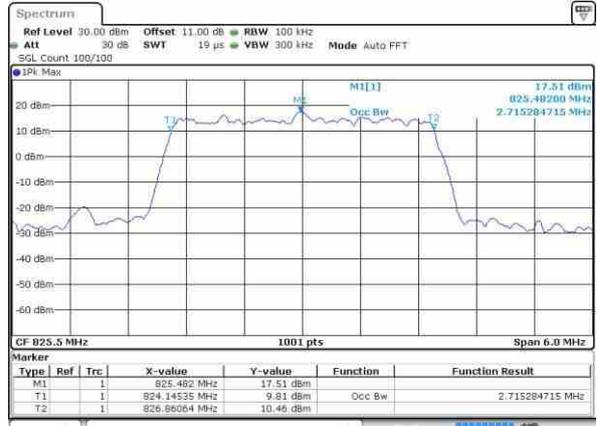
LTE Band 26

Lowest Channel / 3MHz / QPSK



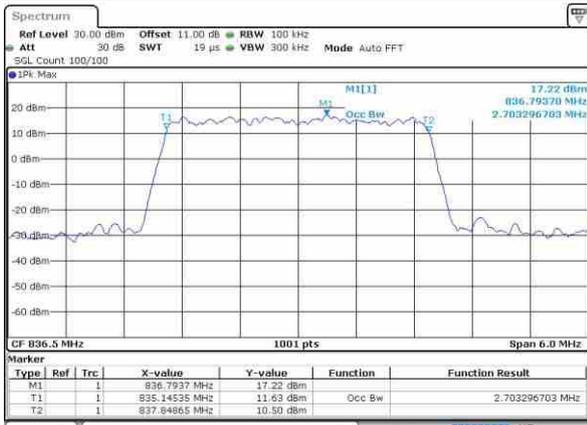
Date: 14 MAR 2016 10:39:51

Lowest Channel / 3MHz / 16QAM



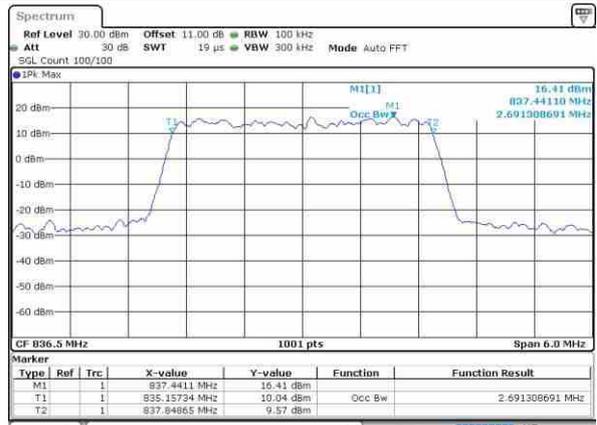
Date: 14 MAR 2016 10:40:02

Middle Channel / 3MHz / QPSK



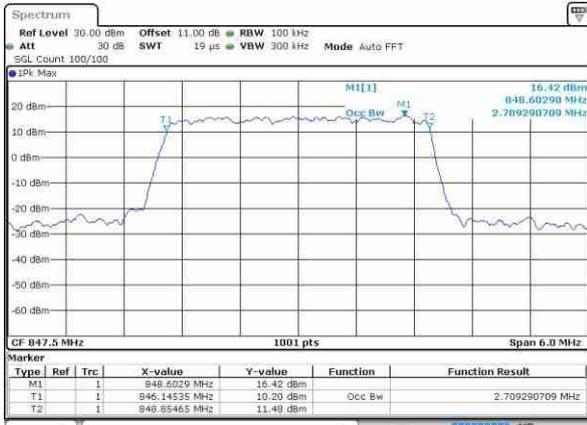
Date: 14 MAR 2016 10:42:22

Middle Channel / 3MHz / 16QAM



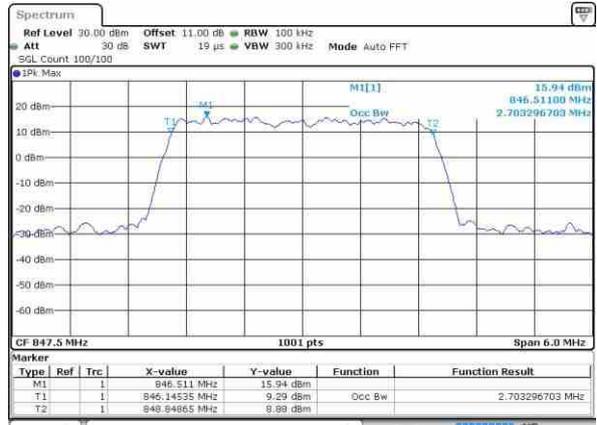
Date: 14 MAR 2016 10:42:32

Highest Channel / 3MHz / QPSK



Date: 14 MAR 2016 11:49:11

Highest Channel / 3MHz / 16QAM

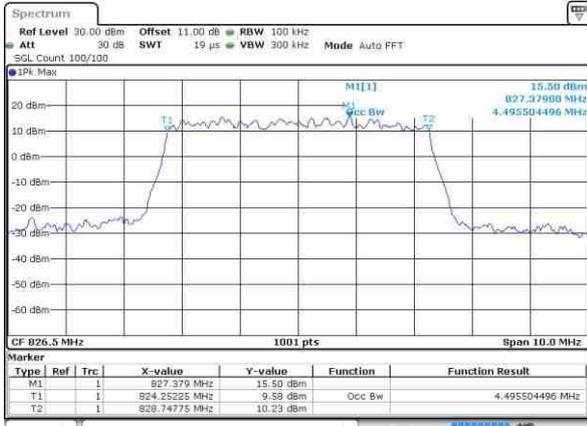


Date: 14 MAR 2016 11:48:58



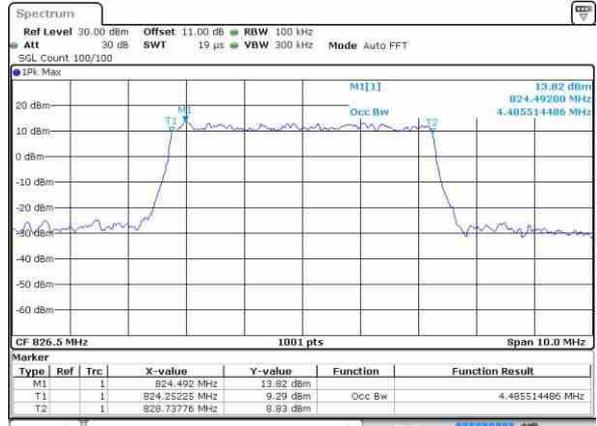
LTE Band 26

Lowest Channel / 5MHz / QPSK



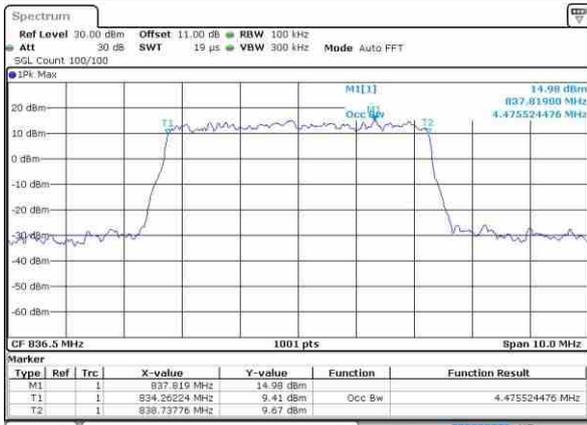
Date: 14 MAR 2016 11:20:24

Lowest Channel / 5MHz / 16QAM



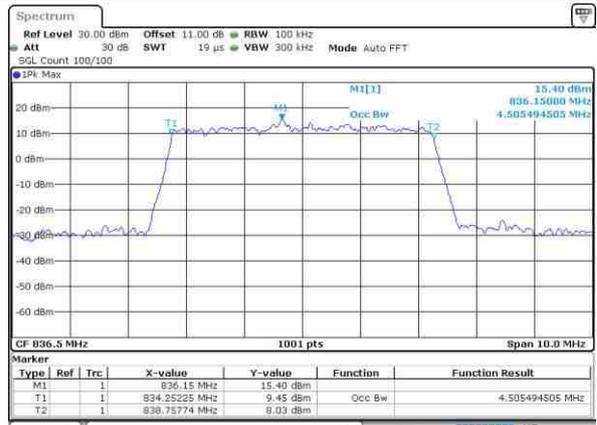
Date: 14 MAR 2016 11:20:34

Middle Channel / 5MHz / QPSK



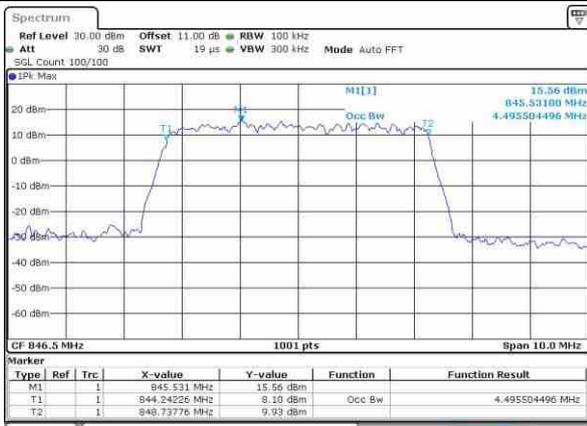
Date: 14 MAR 2016 11:22:55

Middle Channel / 5MHz / 16QAM



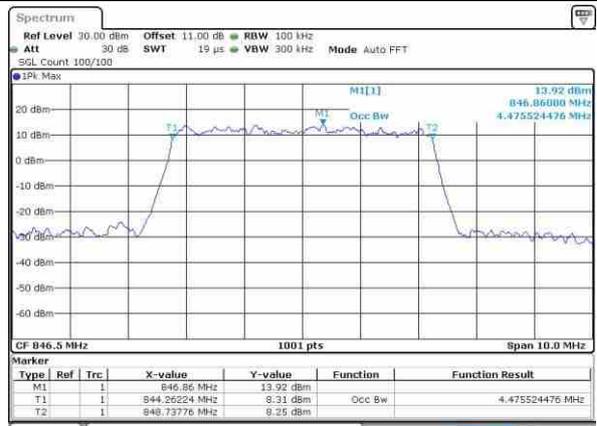
Date: 14 MAR 2016 11:23:05

Highest Channel / 5MHz / QPSK



Date: 14 MAR 2016 11:25:26

Highest Channel / 5MHz / 16QAM

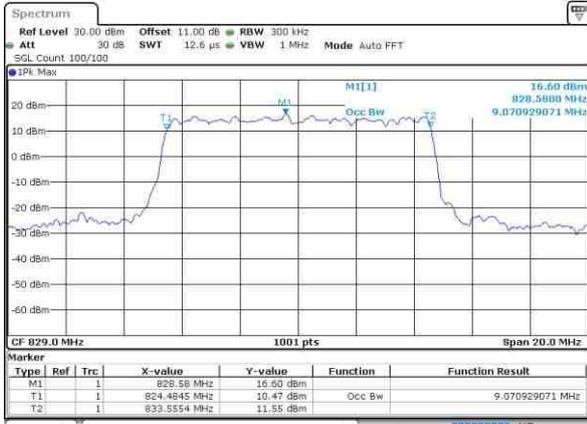


Date: 14 MAR 2016 11:25:36



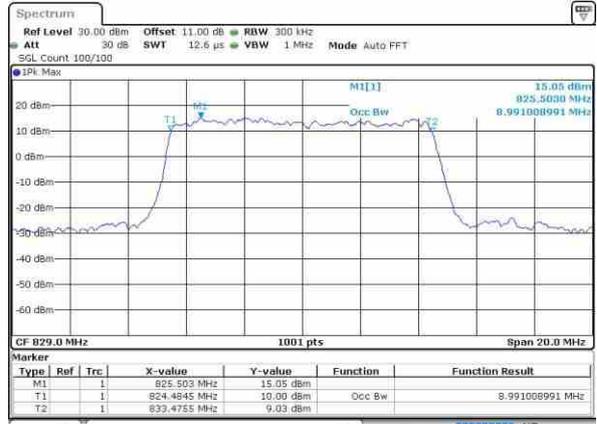
LTE Band 26

Lowest Channel / 10MHz / QPSK



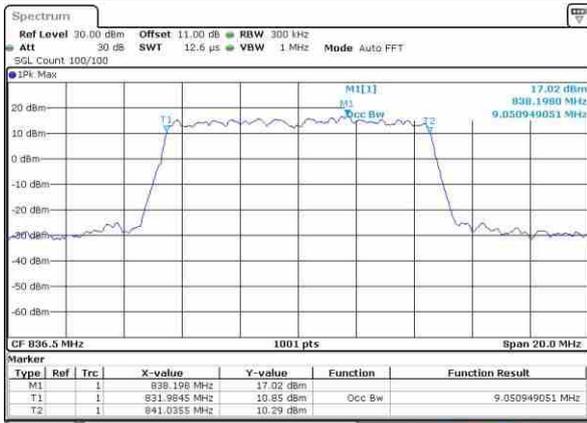
Date: 14 MAR 2016 11:27:57

Lowest Channel / 10MHz / 16QAM



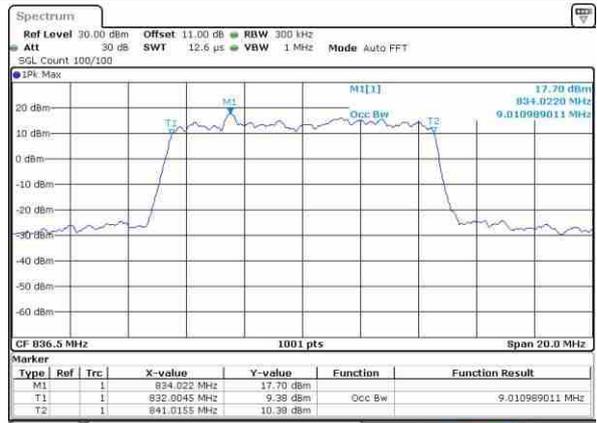
Date: 14 MAR 2016 11:28:07

Middle Channel / 10MHz / QPSK



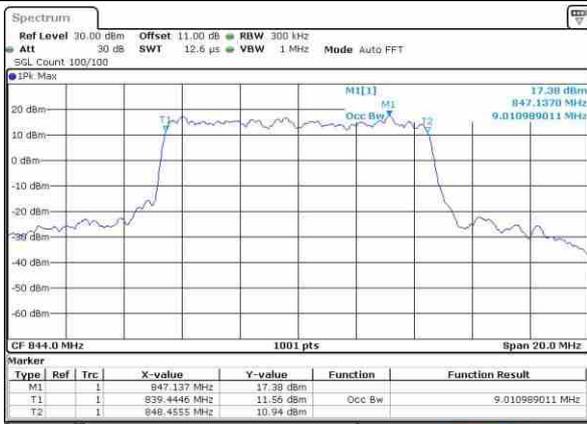
Date: 14 MAR 2016 11:30:28

Middle Channel / 10MHz / 16QAM



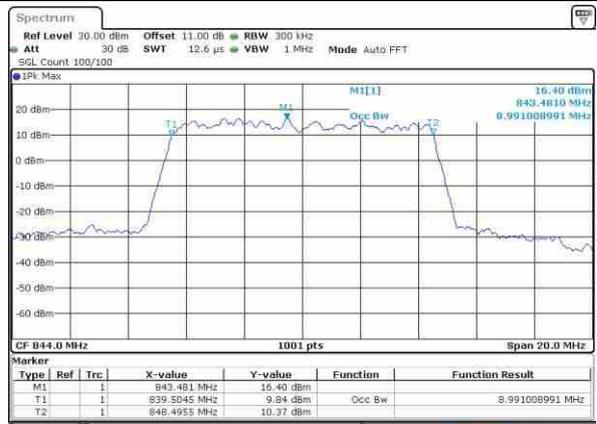
Date: 14 MAR 2016 11:30:39

Highest Channel / 10MHz / QPSK



Date: 14 MAR 2016 11:32:58

Highest Channel / 10MHz / 16QAM

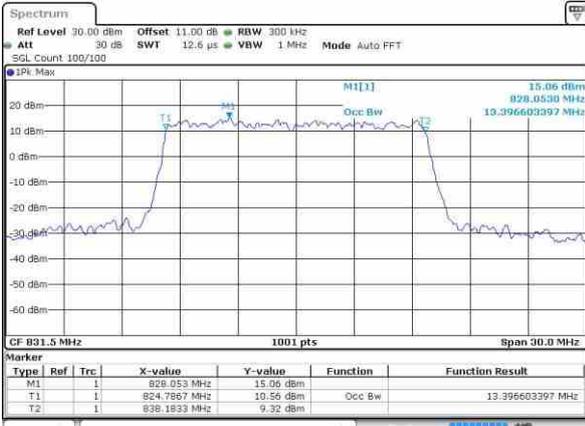


Date: 14 MAR 2016 11:33:10



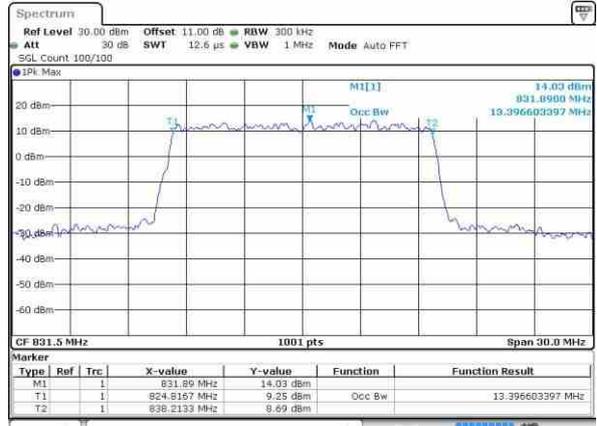
LTE Band 26

Lowest Channel / 15MHz / QPSK



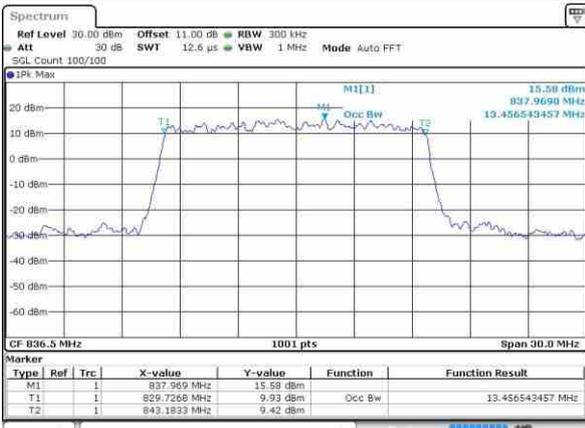
Date: 14 MAR 2016 11:35:30

Lowest Channel / 15MHz / 16QAM



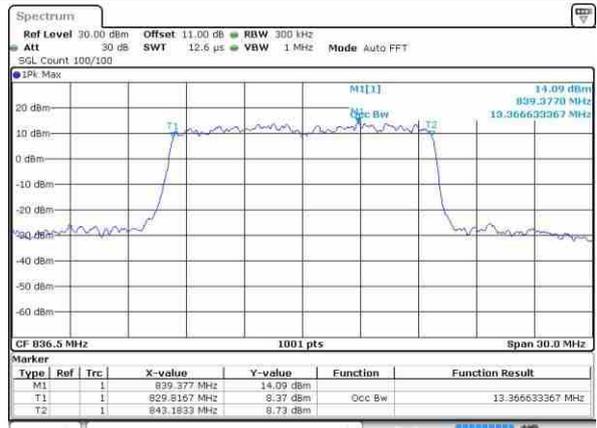
Date: 14 MAR 2016 11:35:40

Middle Channel / 15MHz / QPSK



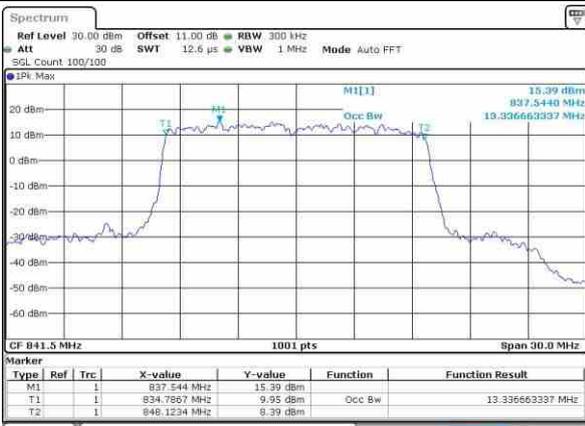
Date: 14 MAR 2016 11:38:54

Middle Channel / 15MHz / 16QAM



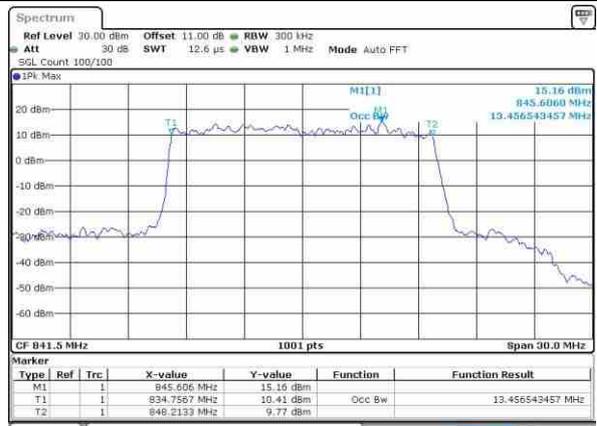
Date: 14 MAR 2016 11:40:05

Highest Channel / 15MHz / QPSK



Date: 14 MAR 2016 11:42:25

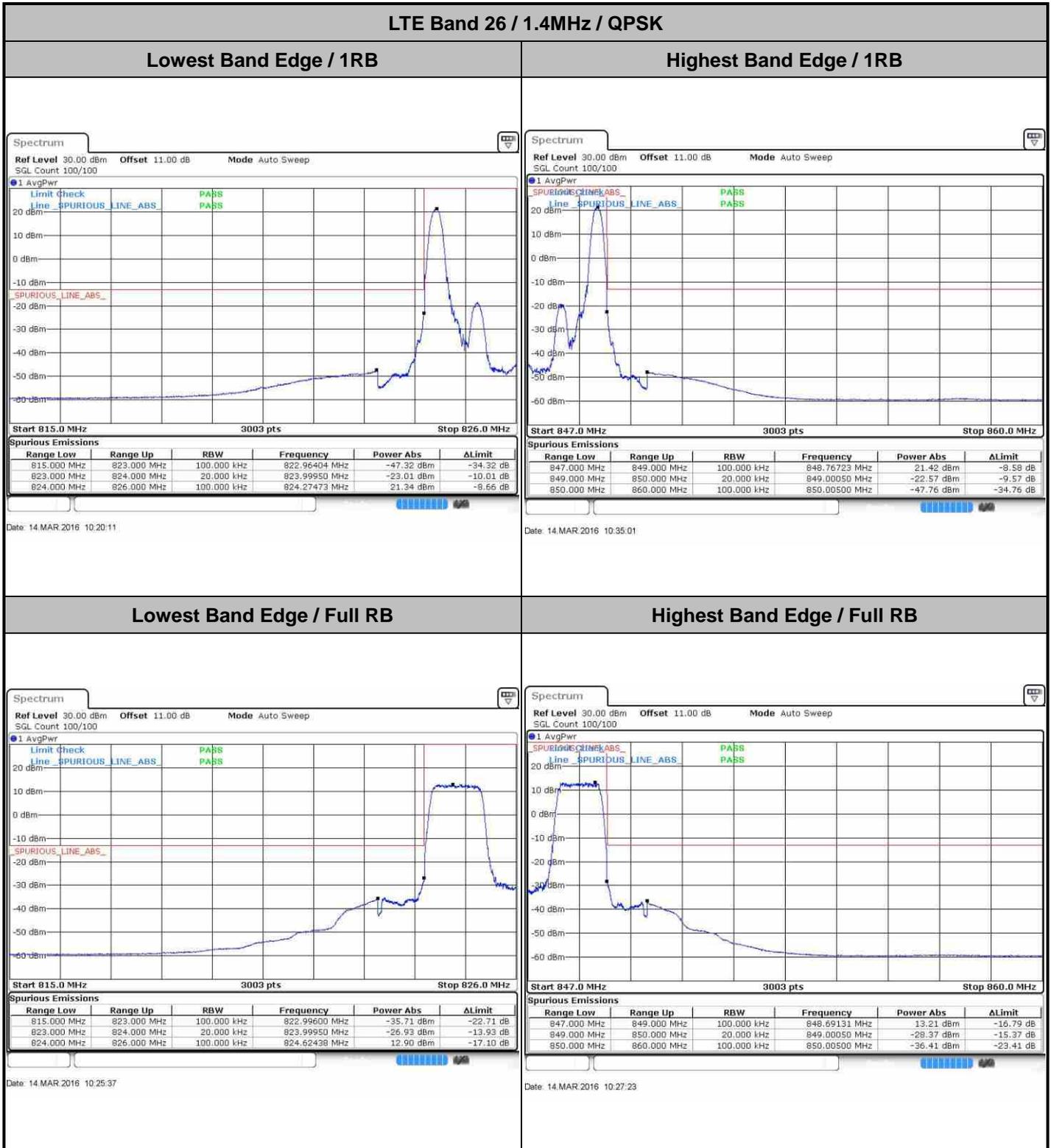
Highest Channel / 15MHz / 16QAM



Date: 14 MAR 2016 11:42:36



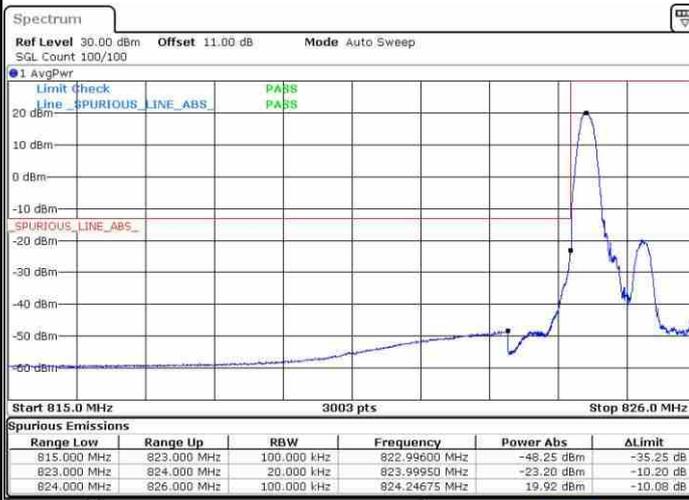
Conducted Band Edge





LTE Band 26 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



Date: 14.MAR.2016 10:21:58

Highest Band Edge / 1 RB



Date: 14.MAR.2016 10:32:09

Lowest Band Edge / Full RB



Date: 14.MAR.2016 10:24:14

Highest Band Edge / Full RB

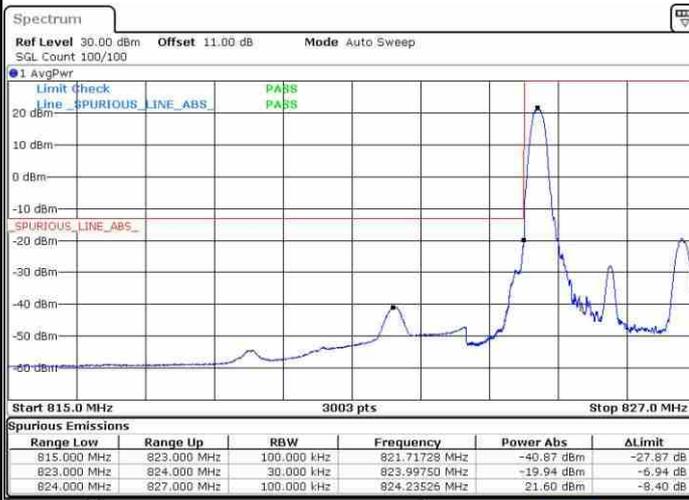


Date: 14.MAR.2016 10:30:26



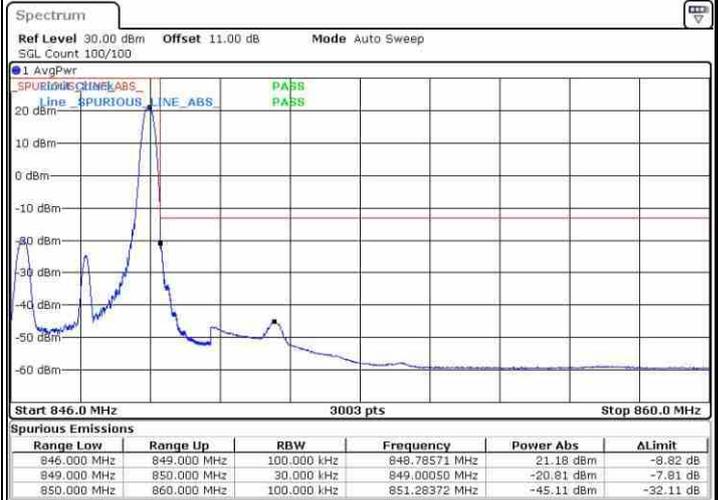
LTE Band 26 / 3MHz / QPSK

Lowest Band Edge / 1RB



Date: 14.MAR.2016 13:41:08

Highest Band Edge / 1 RB



Date: 14.MAR.2016 13:49:19

Lowest Band Edge / Full RB



Date: 14.MAR.2016 11:51:21

Highest Band Edge / Full RB



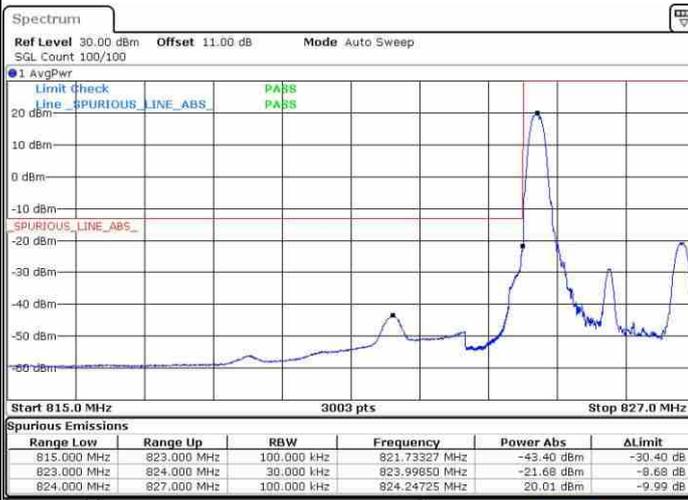
Date: 14.MAR.2016 13:48:02



LTE Band 26 / 3MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



Date: 14.MAR.2016 12:03:28



Date: 14.MAR.2016 13:43:30

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 14.MAR.2016 12:02:31

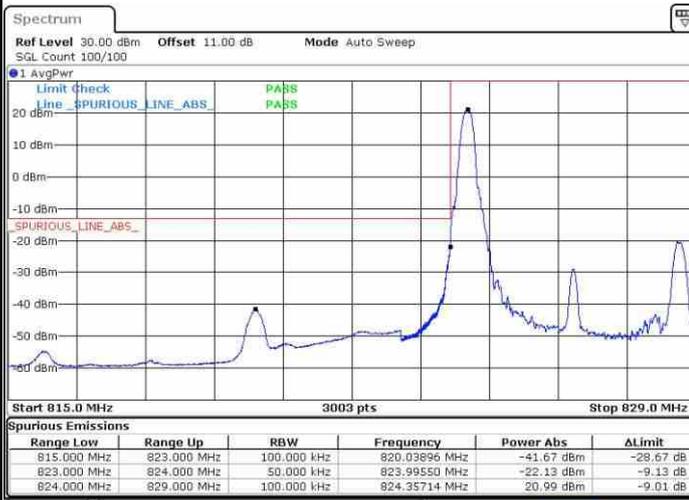


Date: 14.MAR.2016 13:45:00



LTE Band 26 / 5MHz / QPSK

Lowest Band Edge / 1 RB



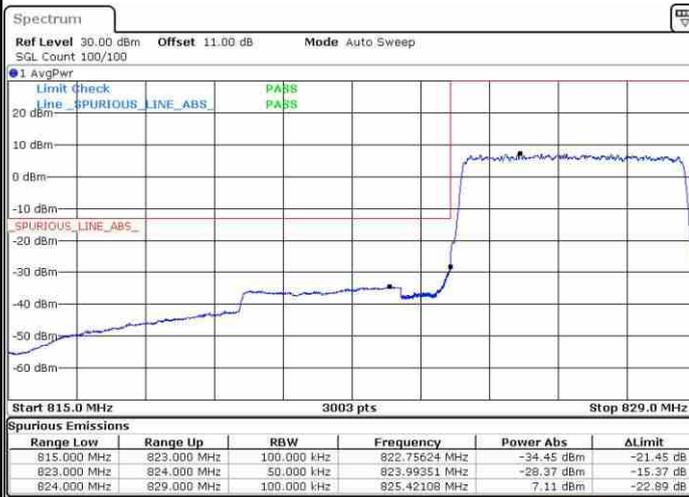
Date: 14.MAR.2016 13:54:29

Highest Band Edge / 1 RB



Date: 14.MAR.2016 13:55:21

Lowest Band Edge / Full RB



Date: 14.MAR.2016 13:50:38

Highest Band Edge / Full RB

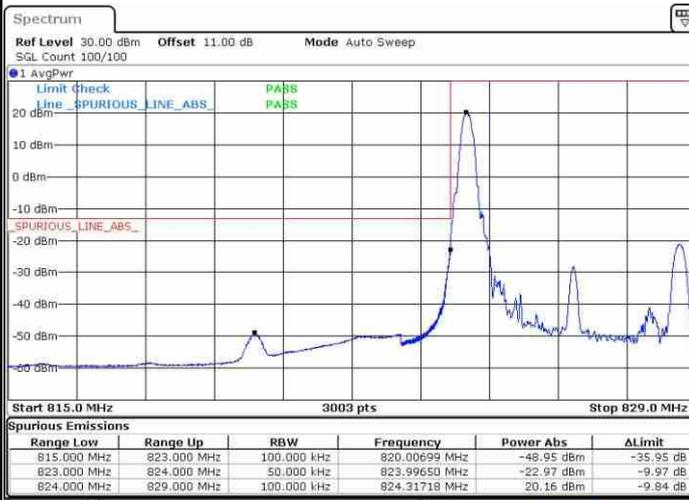


Date: 14.MAR.2016 13:59:28



LTE Band 26 / 5MHz / 16QAM

Lowest Band Edge / 1RB



Date: 14.MAR.2016 13:53:17

Highest Band Edge / 1 RB



Date: 14.MAR.2016 13:57:23

Lowest Band Edge / Full RB



Date: 14.MAR.2016 13:51:55

Highest Band Edge / Full RB

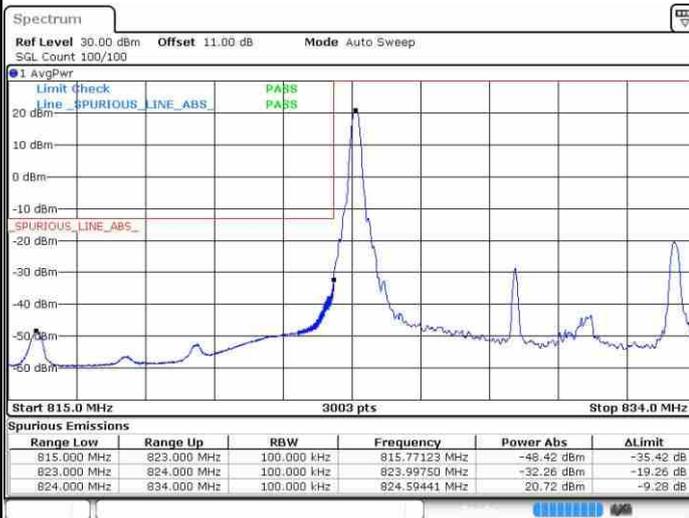


Date: 14.MAR.2016 14:01:32



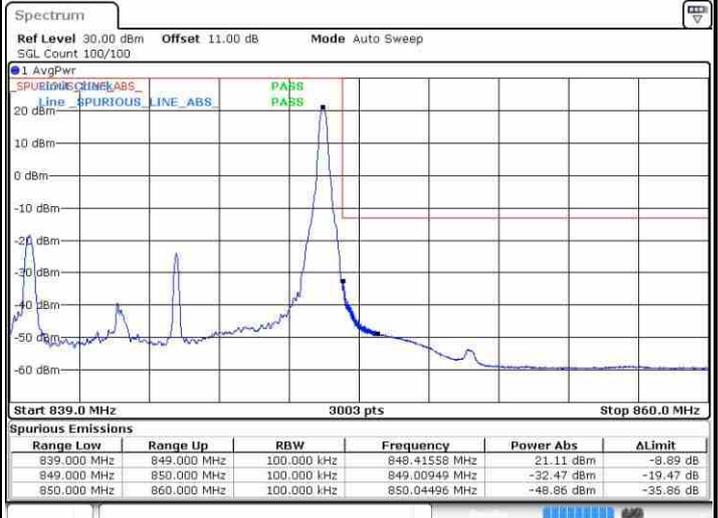
LTE Band 26 / 10MHz / QPSK

Lowest Band Edge / 1 RB



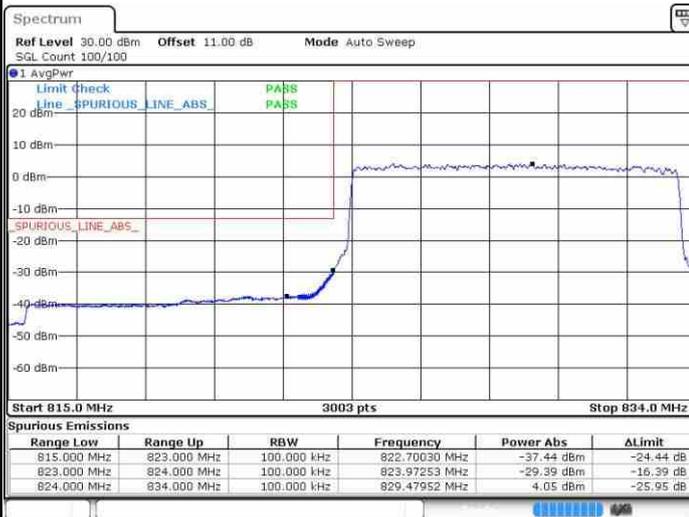
Date: 14.MAR.2016 14:04:05

Highest Band Edge / 1 RB



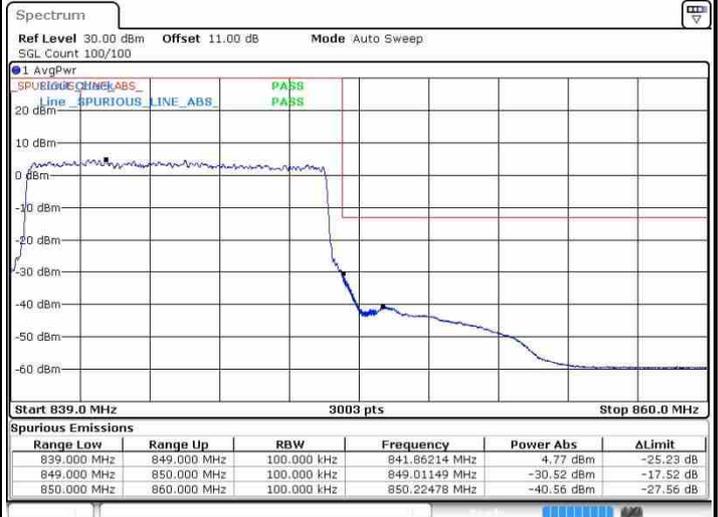
Date: 14.MAR.2016 14:08:59

Lowest Band Edge / Full RB



Date: 14.MAR.2016 14:03:30

Highest Band Edge / Full RB

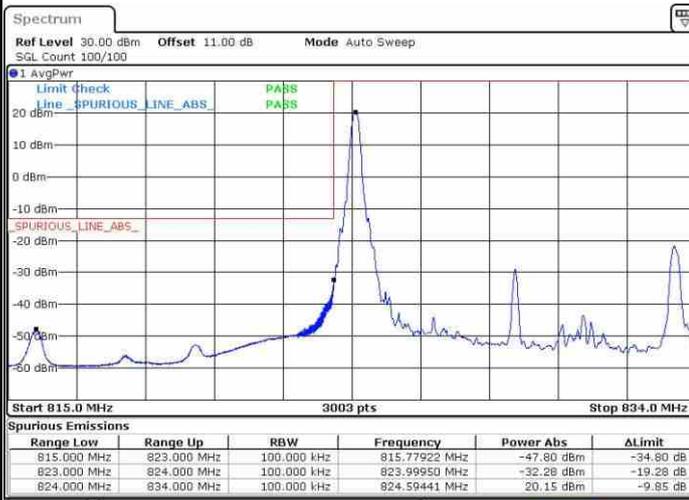


Date: 14.MAR.2016 14:08:42



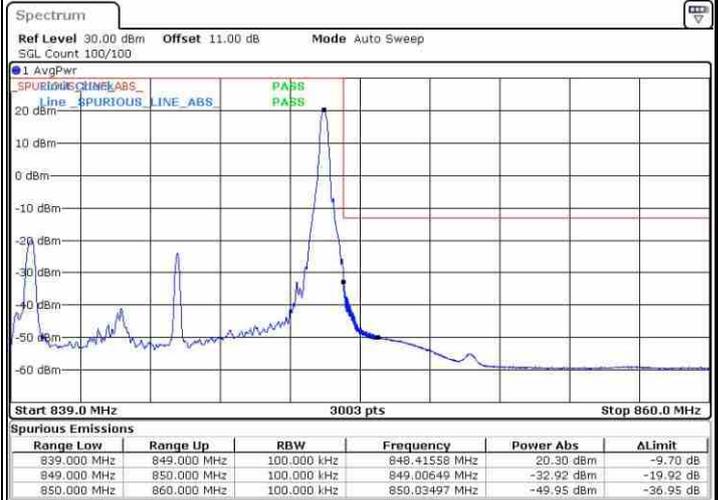
LTE Band 26 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



Date: 14.MAR.2016 14:06:44

Highest Band Edge / 1 RB



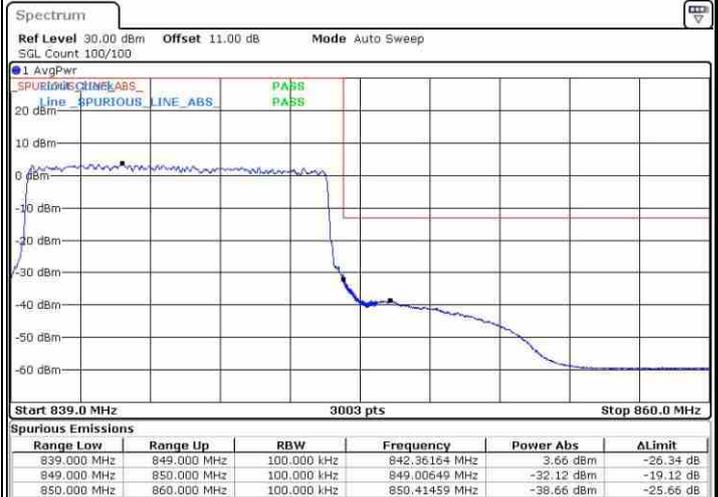
Date: 14.MAR.2016 14:08:15

Lowest Band Edge / Full RB



Date: 14.MAR.2016 14:02:54

Highest Band Edge / Full RB

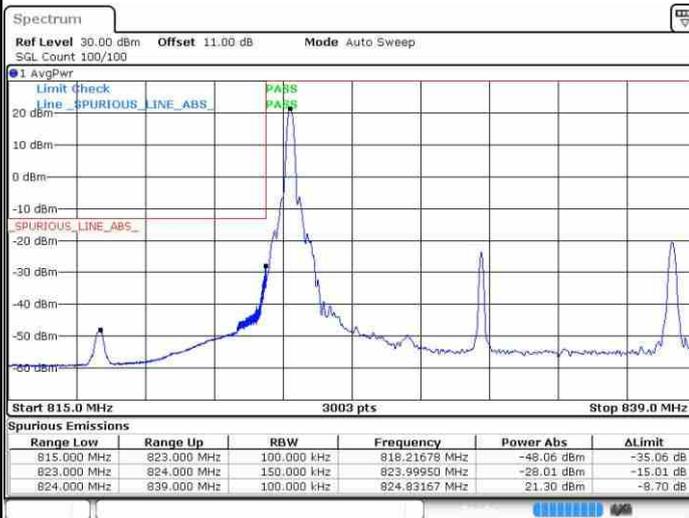


Date: 14.MAR.2016 14:10:46



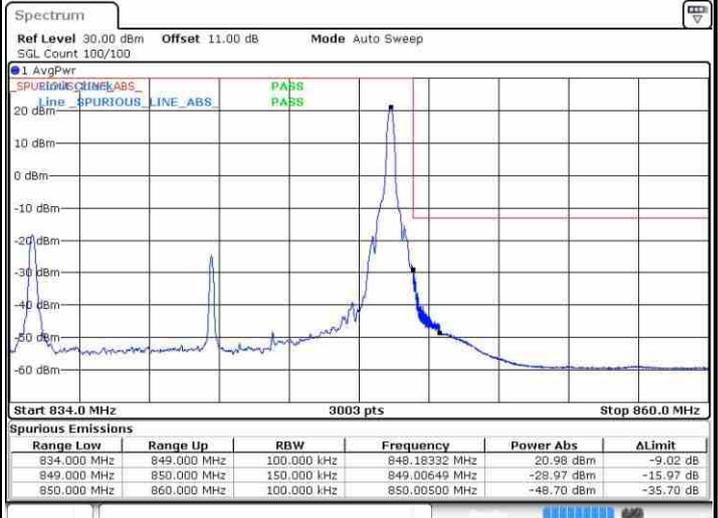
LTE Band 26 / 15MHz / QPSK

Lowest Band Edge / 1 RB



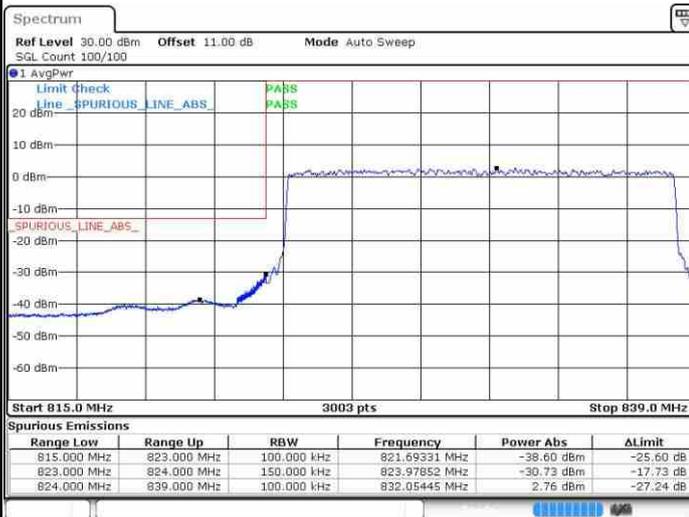
Date: 14.MAR.2016 14:16:44

Highest Band Edge / 1 RB



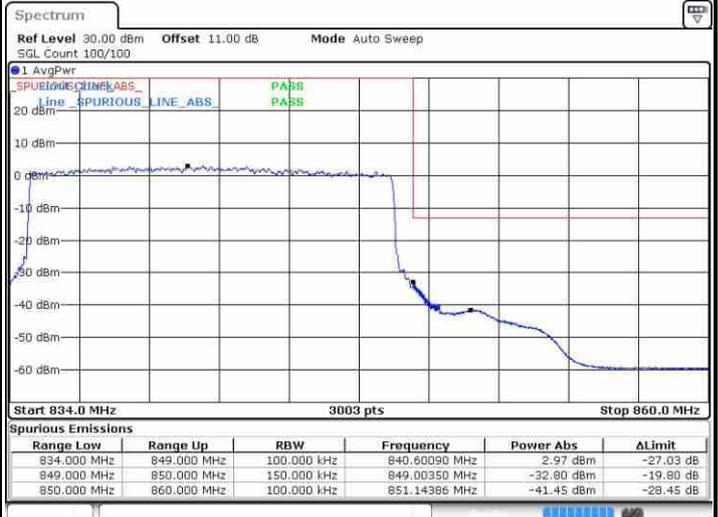
Date: 14.MAR.2016 15:41:27

Lowest Band Edge / Full RB



Date: 14.MAR.2016 14:20:00

Highest Band Edge / Full RB

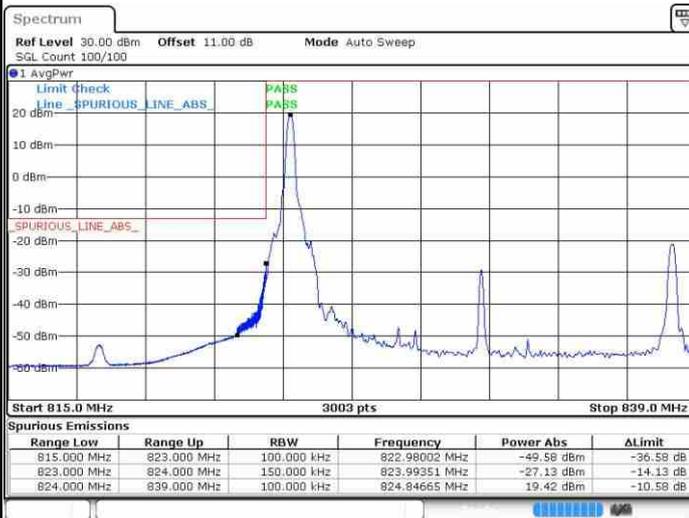


Date: 14.MAR.2016 14:27:56



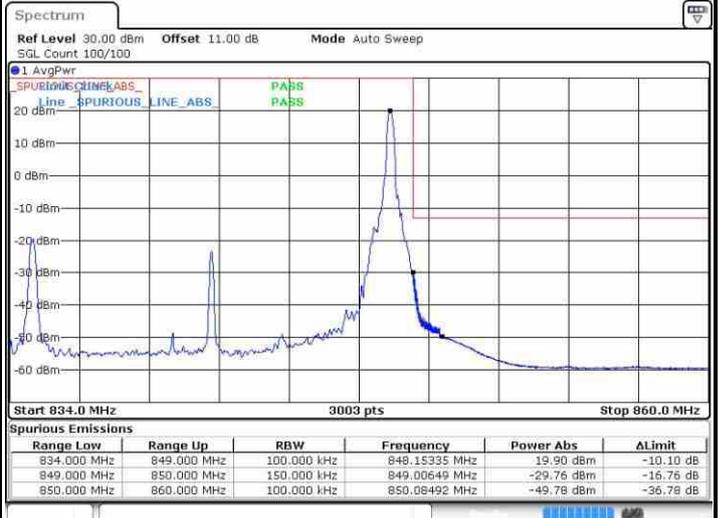
LTE Band 26 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



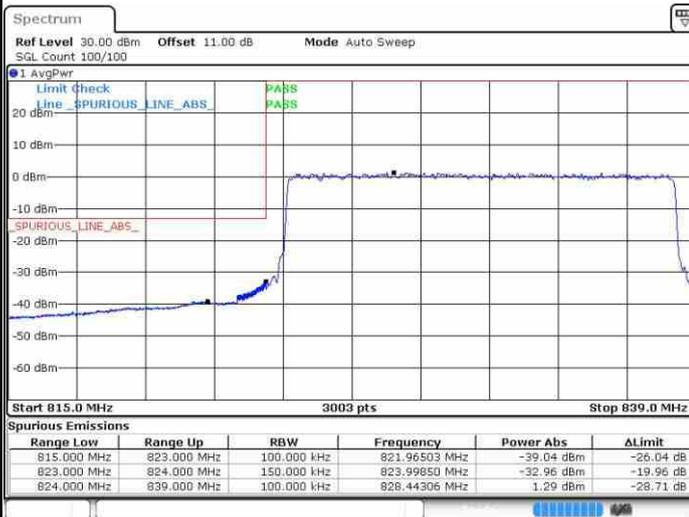
Date: 14.MAR.2016 14:16:01

Highest Band Edge / 1 RB



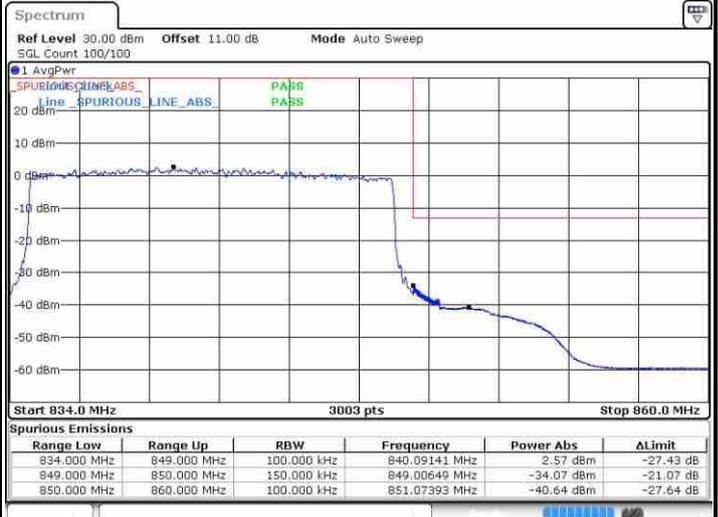
Date: 14.MAR.2016 15:38:00

Lowest Band Edge / Full RB



Date: 14.MAR.2016 14:21:04

Highest Band Edge / Full RB



Date: 14.MAR.2016 15:35:45



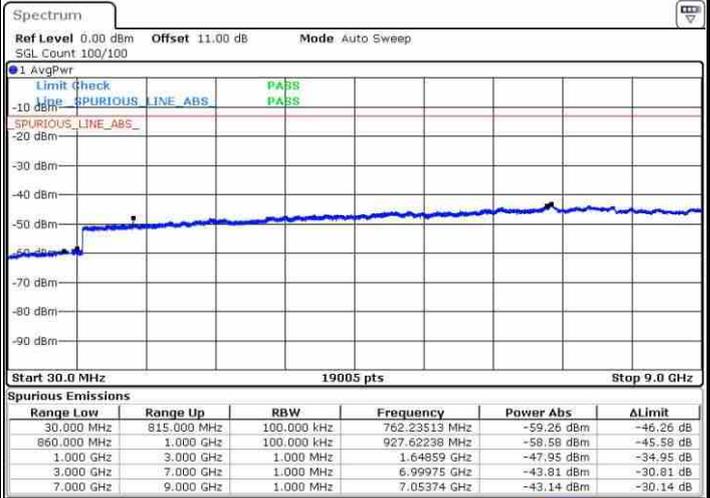
Conducted Spurious Emission



LTE Band 26 / 1.4MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 12 MAR 2016 20:51:38

Date: 12 MAR 2016 20:52:32

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 12 MAR 2016 20:54:09

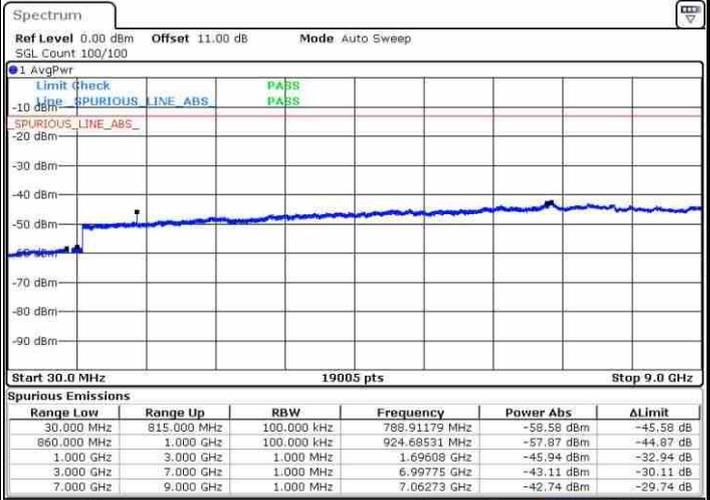
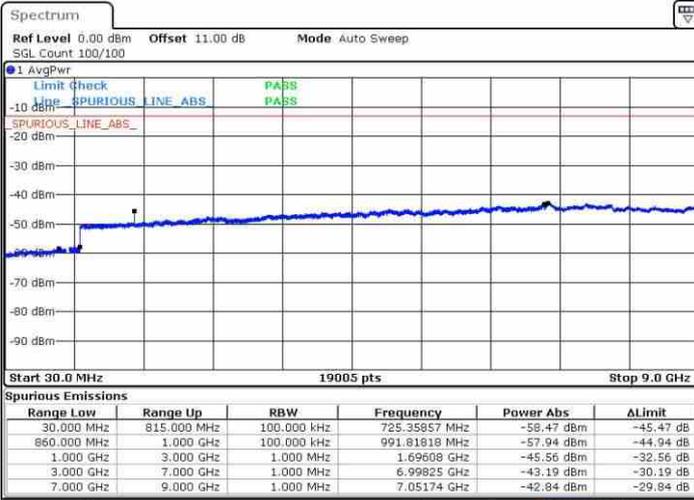
Date: 12 MAR 2016 20:55:03



LTE Band 26 / 1.4MHz

Highest Channel / QPSK

Highest Channel / 16QAM



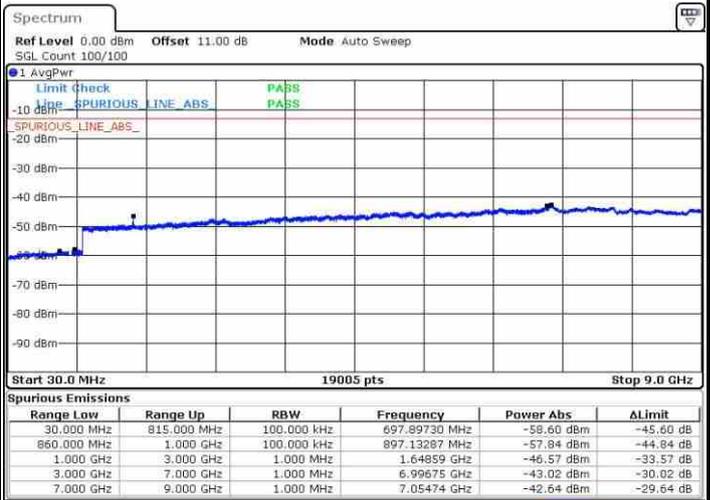
Date: 14.MAR.2016 10:37:40

Date: 14.MAR.2016 10:38:25

LTE Band 26 / 3MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 14.MAR.2016 10:41:17

Date: 14.MAR.2016 10:42:11



LTE Band 26 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 14.MAR.2016 10:43:48



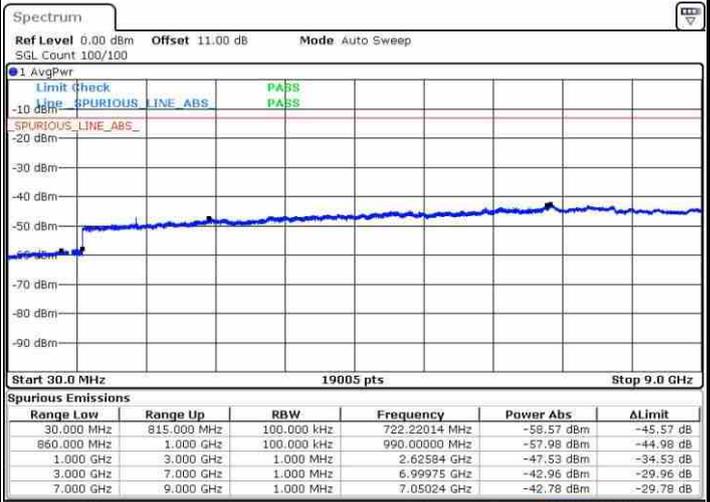
Date: 14.MAR.2016 10:44:42

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 14.MAR.2016 11:19:19



Date: 14.MAR.2016 11:20:13



LTE Band 26 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



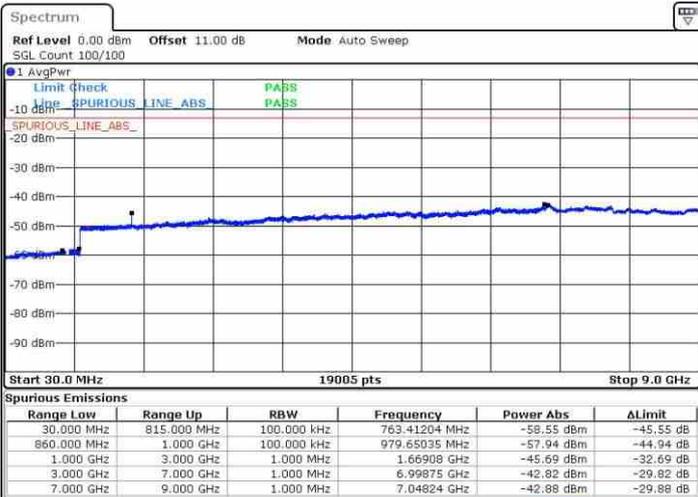
Date: 14.MAR.2016 11:21:50



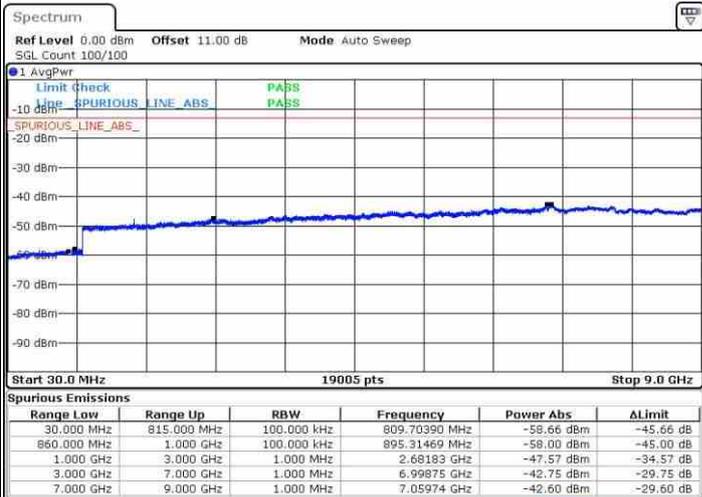
Date: 14.MAR.2016 11:22:44

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 14.MAR.2016 11:24:21

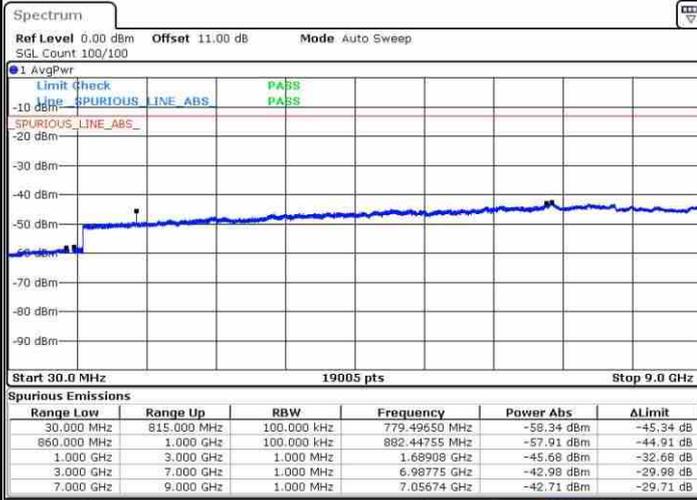


Date: 14.MAR.2016 11:25:15



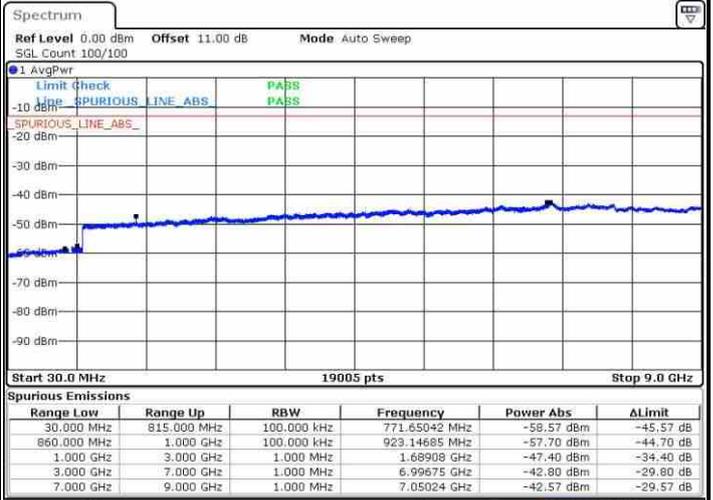
LTE Band 26 / 5MHz

Highest Channel / QPSK



Date: 14.MAR.2016 11:26:52

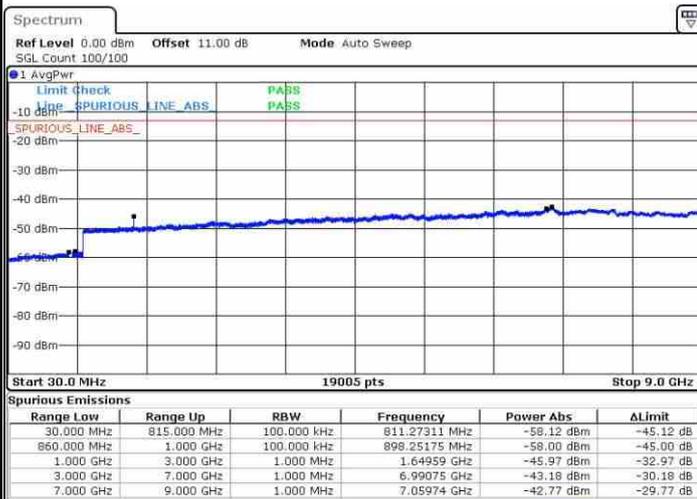
Highest Channel / 16QAM



Date: 14.MAR.2016 11:27:46

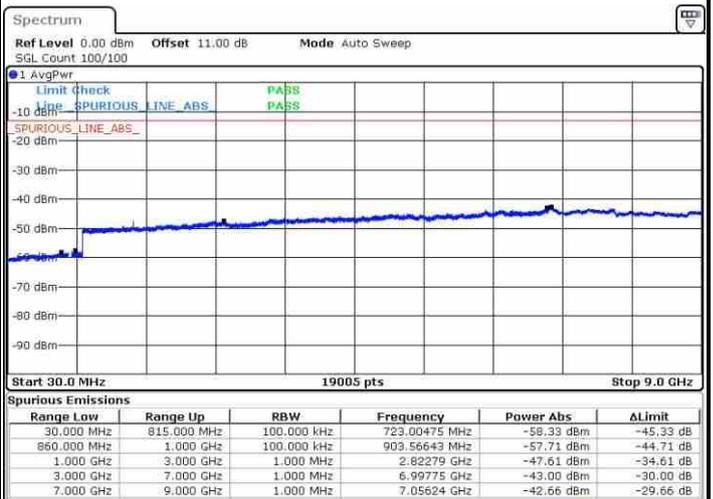
LTE Band 26 / 10MHz

Lowest Channel / QPSK



Date: 14.MAR.2016 11:29:23

Lowest Channel / 16QAM



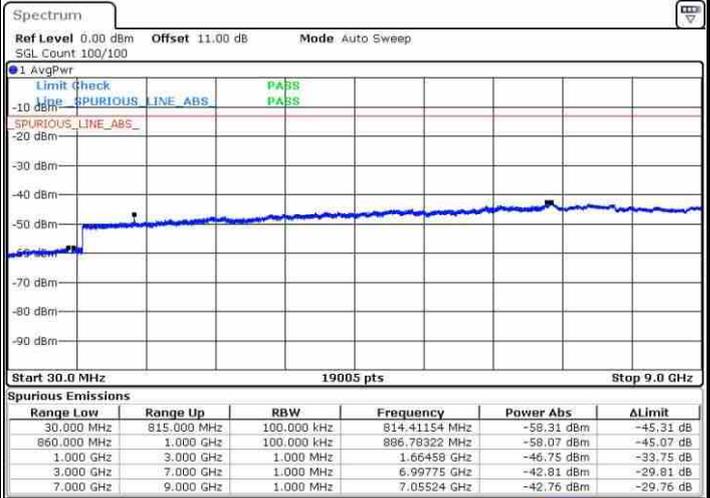
Date: 14.MAR.2016 11:30:18



LTE Band 26 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

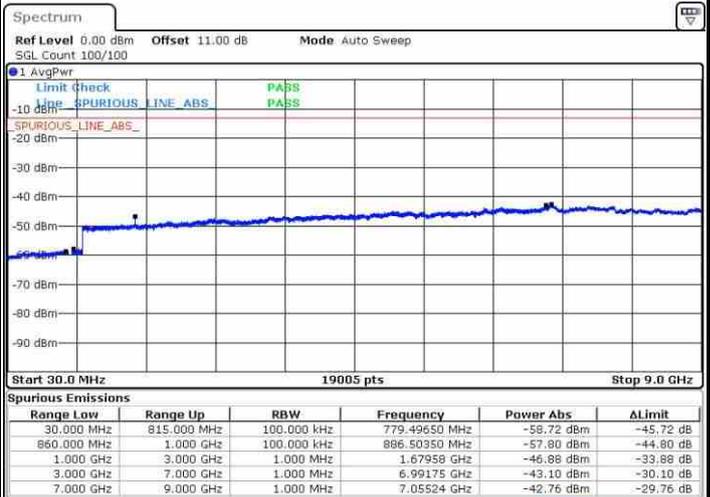
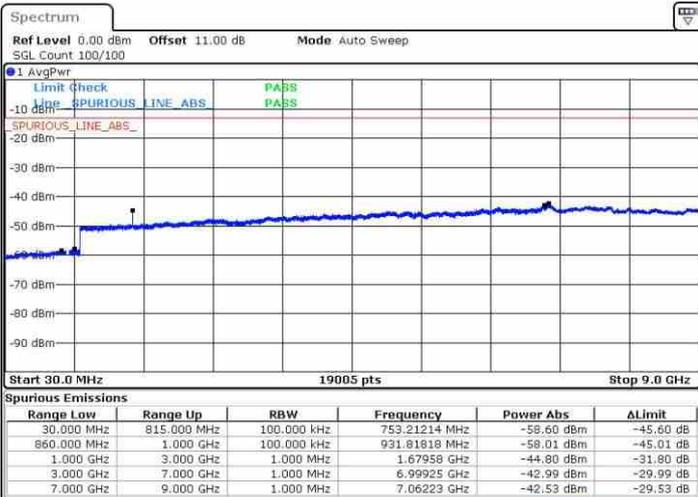


Date: 14.MAR.2016 11:31:54

Date: 14.MAR.2016 11:32:49

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 14.MAR.2016 11:34:25

Date: 14.MAR.2016 11:35:19



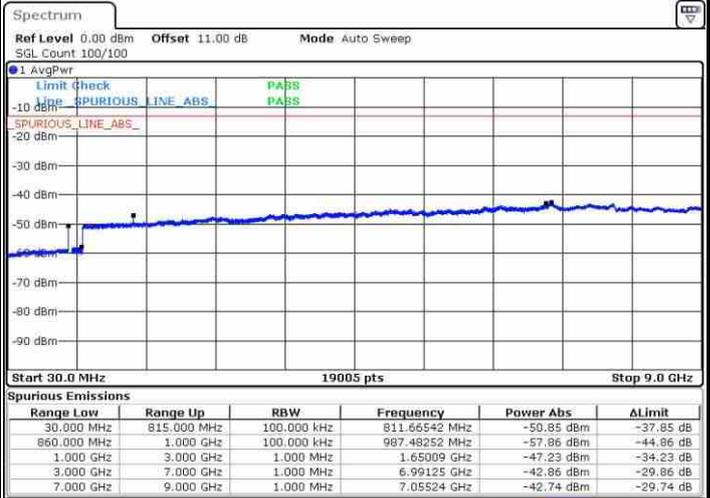
LTE Band 26 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



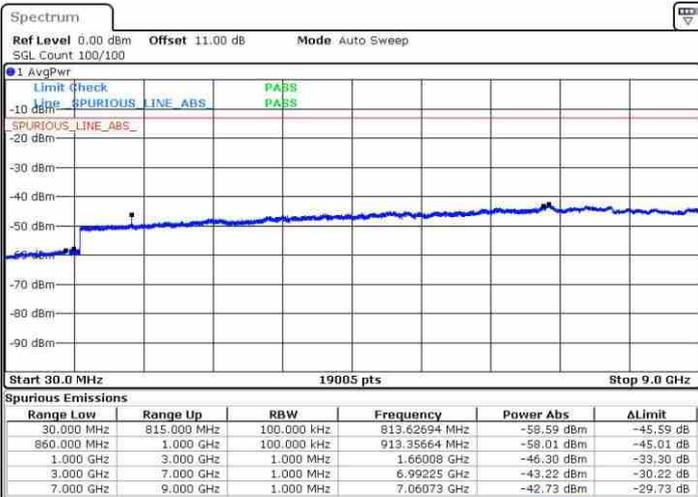
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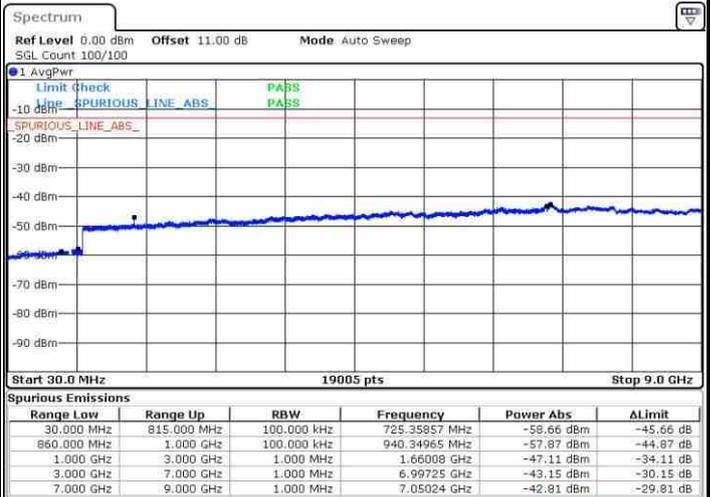
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Middle Channel / QPSK

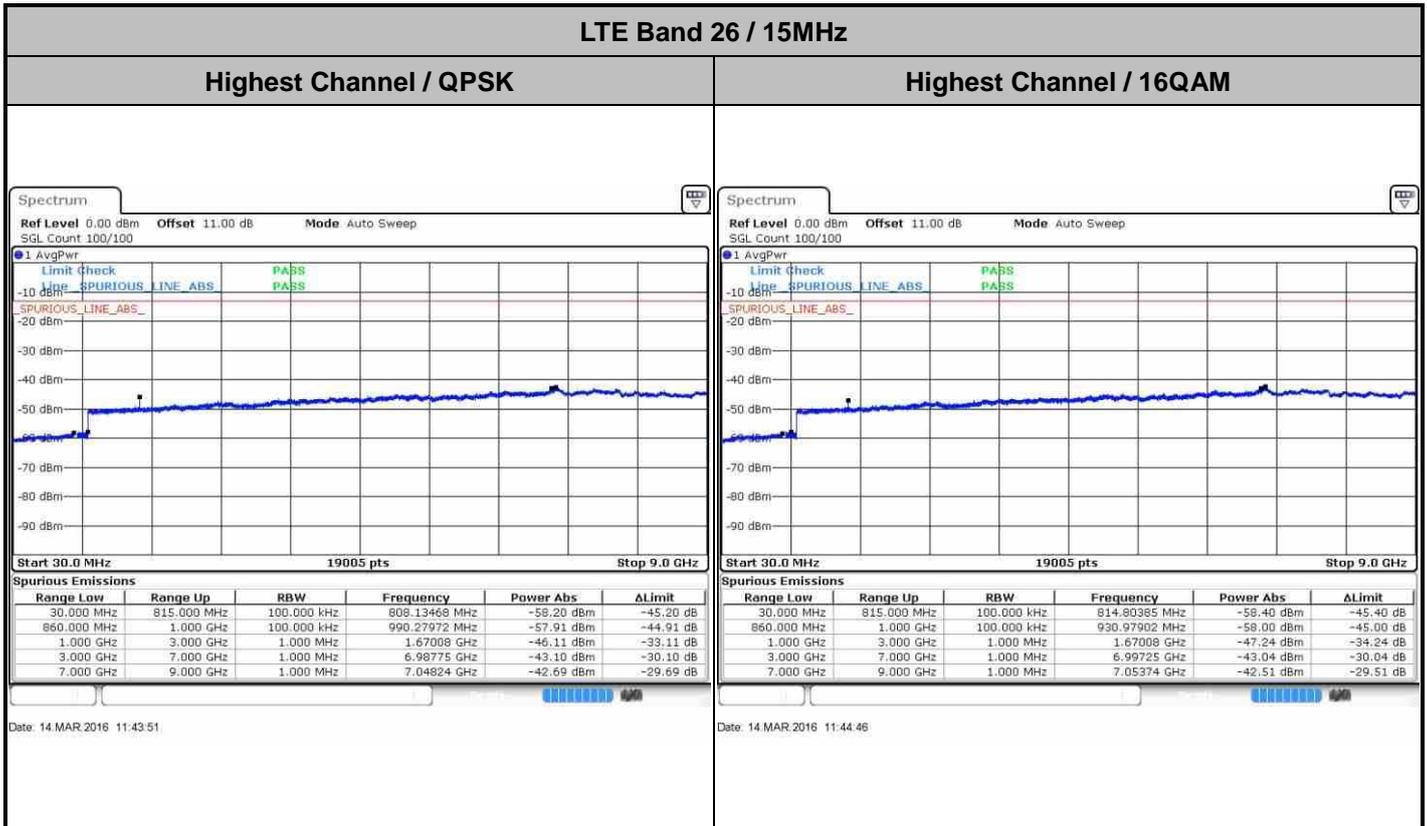
Middle Channel / 16QAM



Date: 14.MAR.2016 11:41:20



Date: 14.MAR.2016 11:42:15





Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0124	PASS
40	Normal Voltage	0.0005	
30	Normal Voltage	0.0097	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0020	
-10	Normal Voltage	0.0000	
-20	Normal Voltage	0.0120	
-30	Normal Voltage	0.0096	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0090	

Note:

1. Normal Voltage = 3.8 V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage =4.2 V
2. Note: The frequency fundamental emissions stay within the authorized frequency.



LTE Band 41

Peak-to-Average Ratio

Mode	LTE Band 41 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.2	4.81	5.3	5.83	PASS
Middle CH	4.29	4.78	5.33	5.83	
Highest CH	4.2	4.64	5.28	5.68	



LTE Band 41 / 20MHz / QPSK

Lowest Channel / 1RB



Date: 13 MAR 2016 14:23:53

Lowest Channel / Full RB



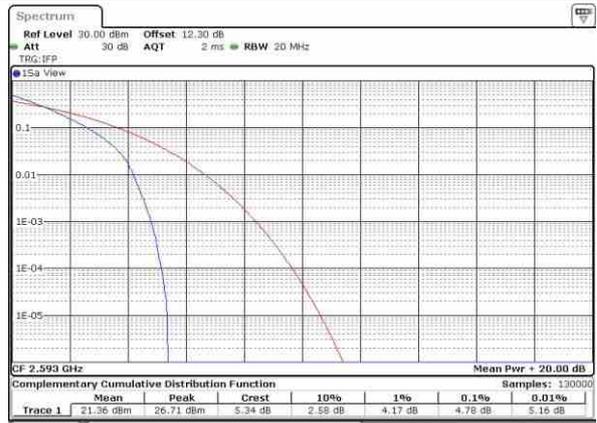
Date: 13 MAR 2016 14:24:12

Middle Channel / 1RB



Date: 13 MAR 2016 14:24:30

Middle Channel / Full RB



Date: 13 MAR 2016 14:24:59

Highest Channel / 1RB



Date: 13 MAR 2016 14:25:27

Highest Channel / Full RB



Date: 13 MAR 2016 14:25:51



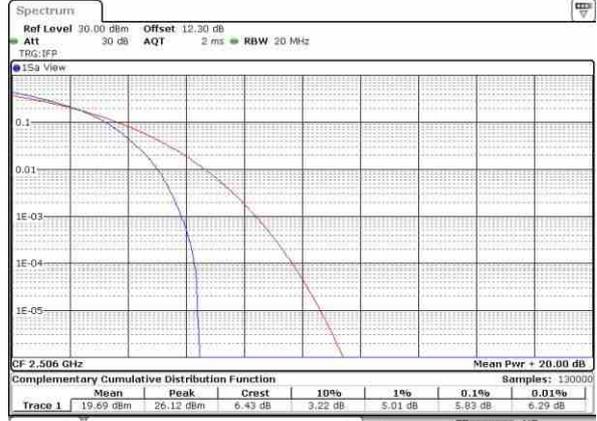
LTE Band 41 / 20MHz / 16QAM

Lowest Channel / 1RB



Date: 13 MAR 2016 14:21:16

Lowest Channel / Full RB



Date: 13 MAR 2016 14:21:37

Middle Channel / 1RB



Date: 13 MAR 2016 14:22:02

Middle Channel / Full RB



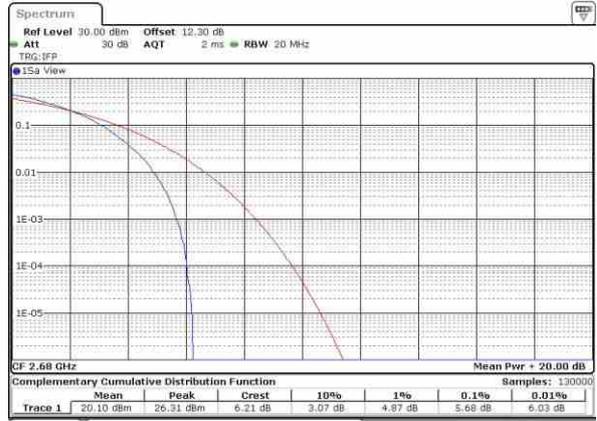
Date: 13 MAR 2016 14:22:23

Highest Channel / 1RB



Date: 13 MAR 2016 14:23:00

Highest Channel / Full RB



Date: 13 MAR 2016 14:23:29



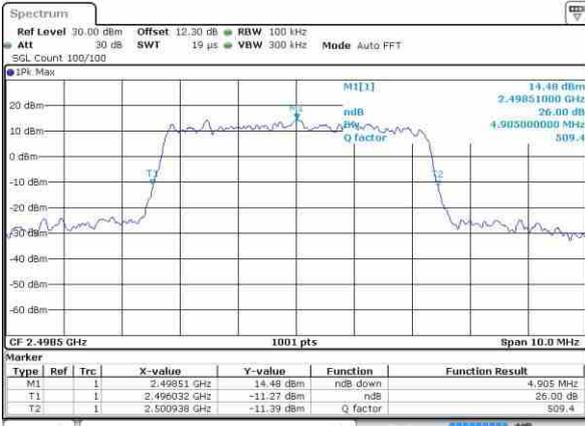
26dB Bandwidth

Mode	LTE Band 41 : 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	-	-	-	-	4.91	4.76	9.61	9.63	14.21	14.12	20.22	20.1
Middle CH	-	-	-	-	4.87	4.86	9.65	9.61	14.24	14.33	20.18	20.66
Highest CH	-	-	-	-	4.89	4.91	9.61	10.21	14.12	14.15	20.1	20.14



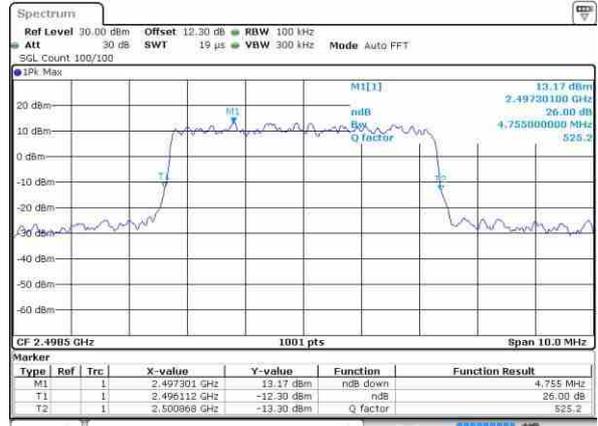
LTE Band 41

Lowest Channel / 5MHz / QPSK



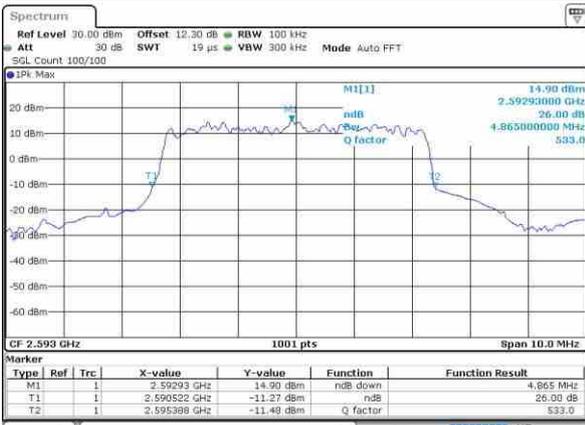
Date: 13 MAR 2016 14:11:16

Lowest Channel / 5MHz / 16QAM



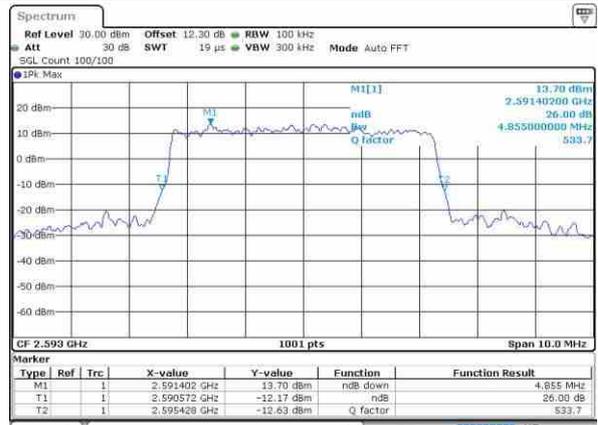
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Middle Channel / 5MHz / QPSK



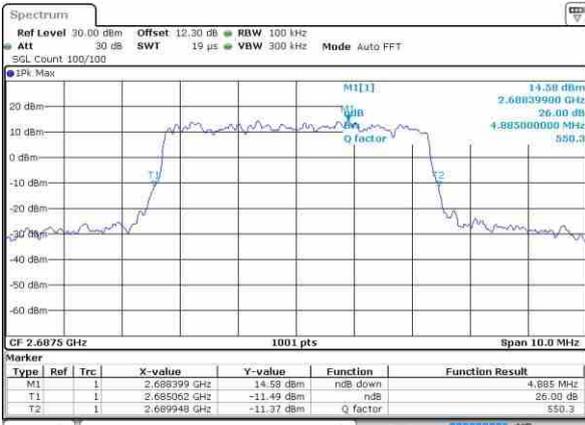
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Middle Channel / 5MHz / 16QAM



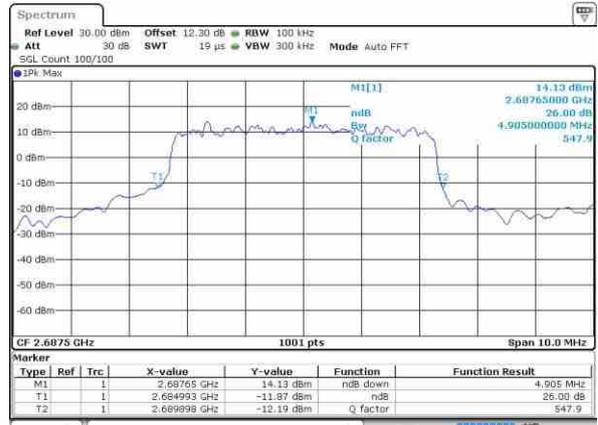
Date: 13 MAR 2016 14:12:11

Highest Channel / 5MHz / QPSK



Date: 13 MAR 2016 14:12:43

Highest Channel / 5MHz / 16QAM

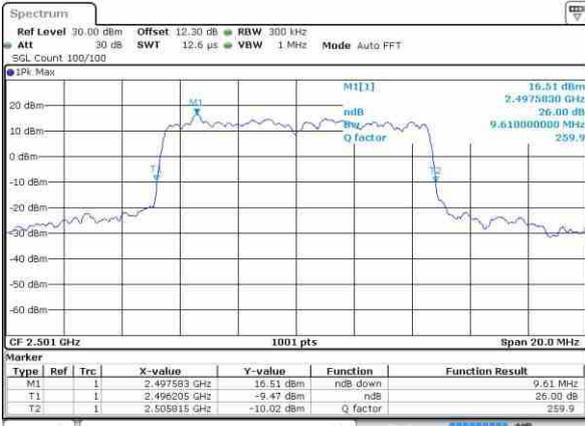


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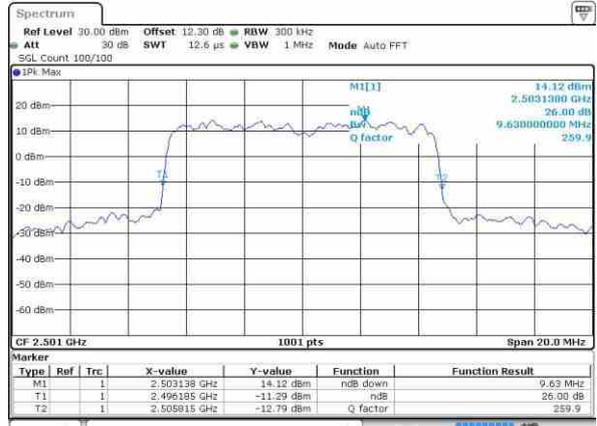


LTE Band 41

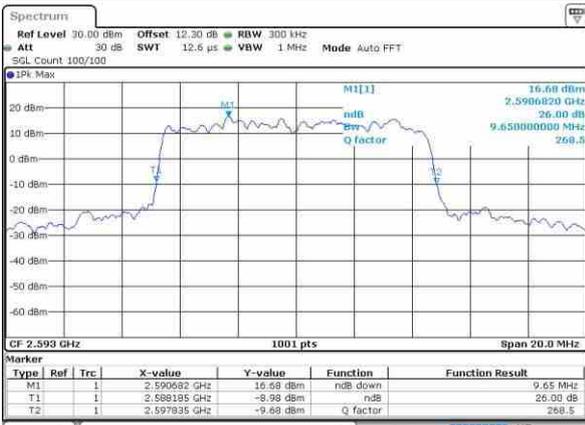
Lowest Channel / 10MHz / QPSK



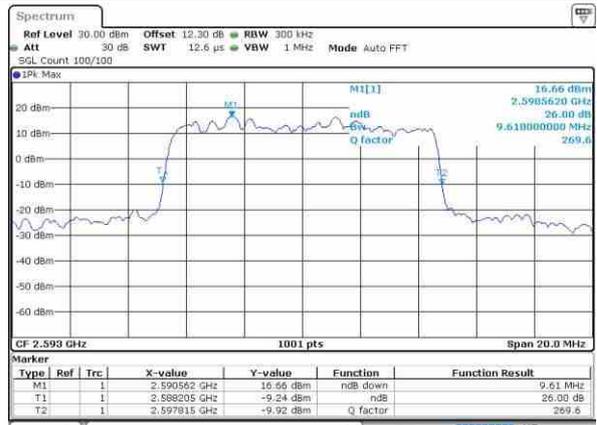
Lowest Channel / 10MHz / 16QAM



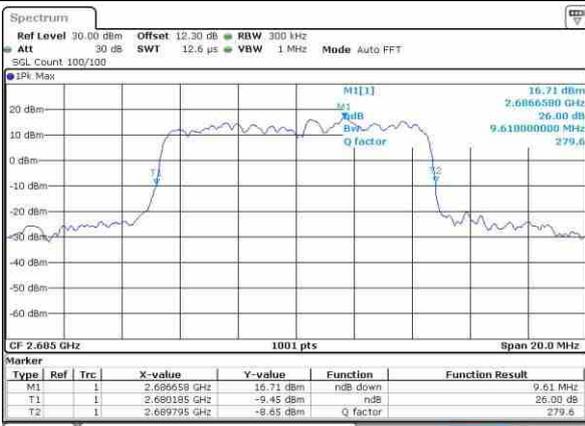
Middle Channel / 10MHz / QPSK



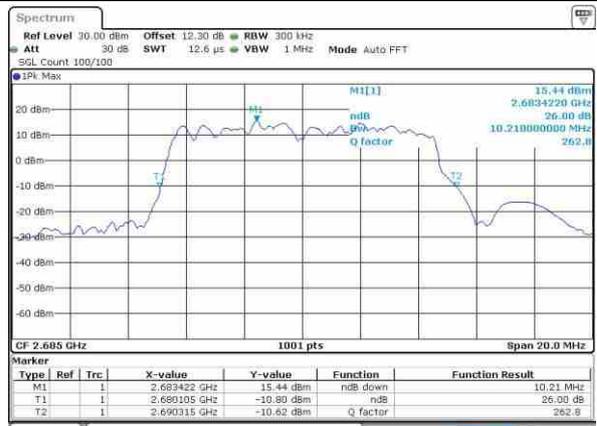
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



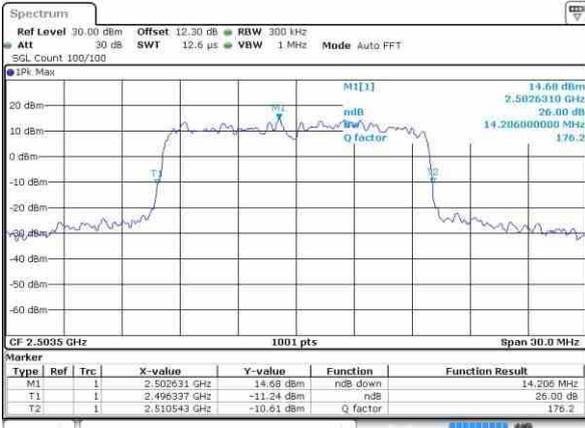
Highest Channel / 10MHz / 16QAM





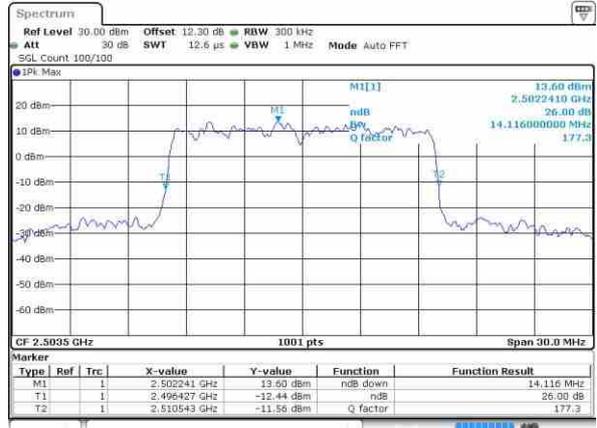
LTE Band 41

Lowest Channel / 15MHz / QPSK



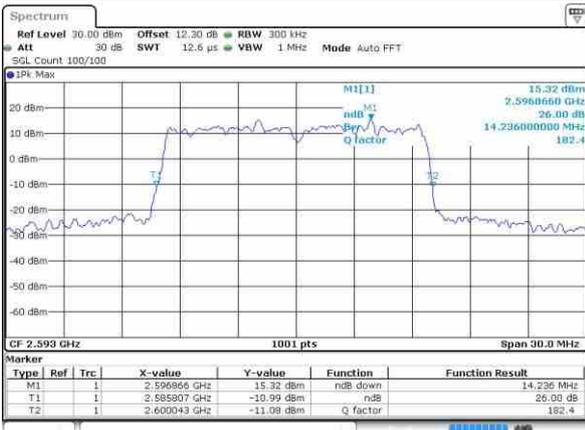
Date: 13 MAR 2016 14:15:31

Lowest Channel / 15MHz / 16QAM



Date: 13 MAR 2016 14:15:42

Middle Channel / 15MHz / QPSK



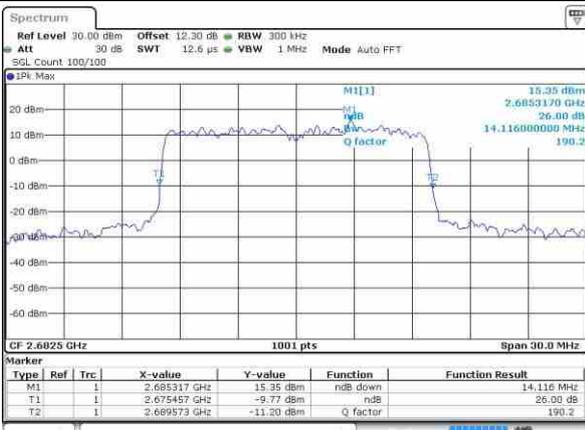
Date: 13 MAR 2016 14:16:13

Middle Channel / 15MHz / 16QAM



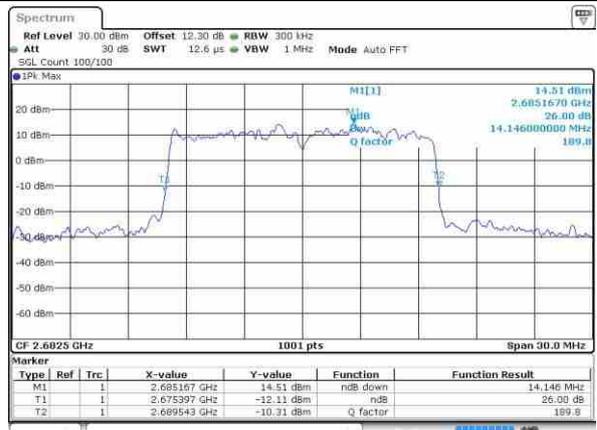
Date: 13 MAR 2016 14:16:24

Highest Channel / 15MHz / QPSK



Date: 13 MAR 2016 14:16:56

Highest Channel / 15MHz / 16QAM

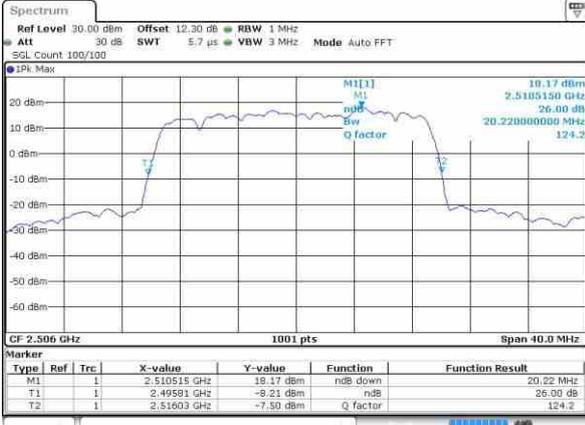


Date: 13 MAR 2016 14:17:06



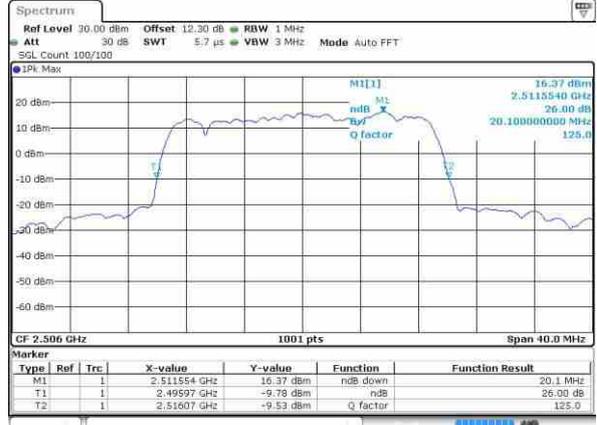
LTE Band 41

Lowest Channel / 20MHz / QPSK



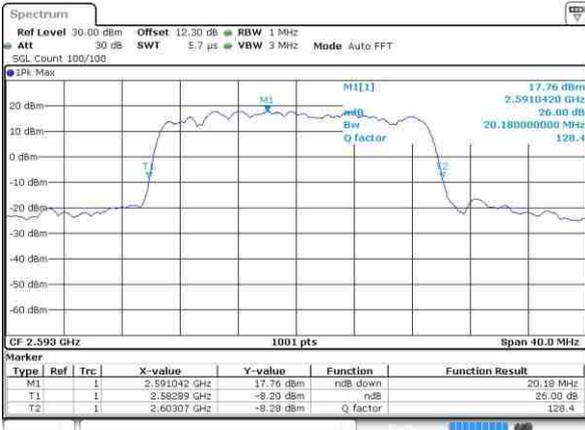
Date: 13 MAR 2016 14:17:38

Lowest Channel / 20MHz / 16QAM



Date: 13 MAR 2016 14:17:48

Middle Channel / 20MHz / QPSK



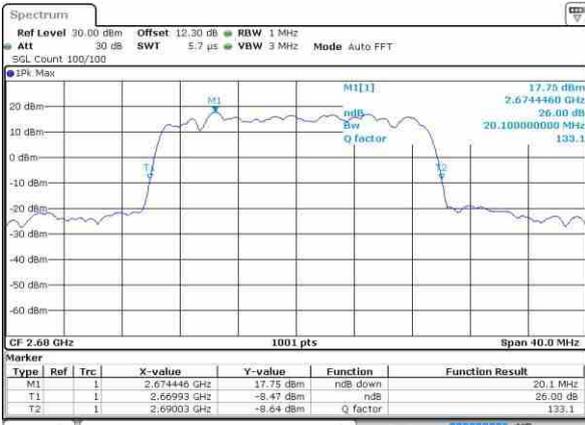
Date: 13 MAR 2016 15:36:28

Middle Channel / 20MHz / 16QAM



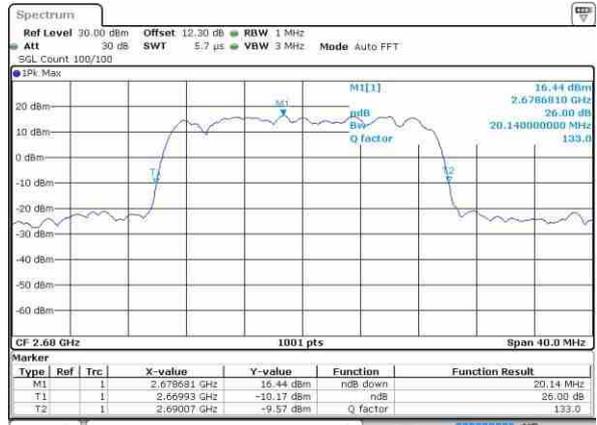
Date: 13 MAR 2016 14:18:30

Highest Channel / 20MHz / QPSK



Date: 13 MAR 2016 14:19:02

Highest Channel / 20MHz / 16QAM



Date: 13 MAR 2016 14:19:12



Occupied Bandwidth

Mode	LTE Band 41 : 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	-	-	-	-	4.49	4.47	8.99	8.95	13.4	13.37	18.18	18.38
Middle CH	-	-	-	-	4.48	4.46	9.05	8.95	13.37	13.4	18.22	18.5
Highest CH	-	-	-	-	4.5	4.47	8.97	8.97	13.37	13.46	18.26	18.54