



# LTE Band 38

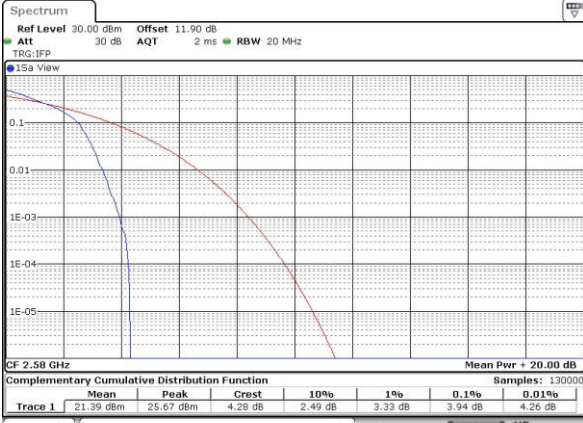
## Peak-to-Average Ratio

Mode	LTE Band 38 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.94	5.39	4.81	6.26	PASS
Middle CH	3.57	5.22	4.7	6.2	
Highest CH	3.57	5.28	4.58	6.23	



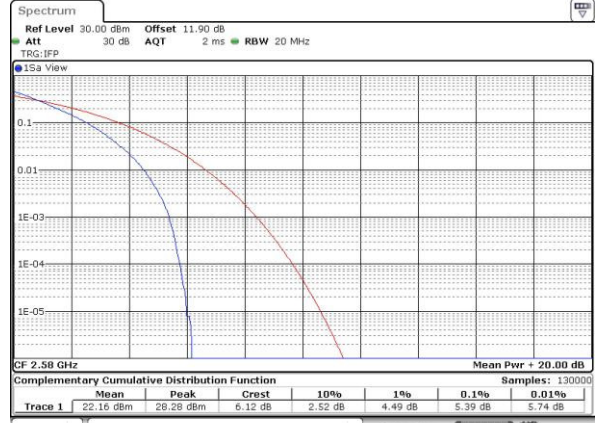
LTE Band 38 / 20MHz / QPSK

Lowest Channel / 1RB



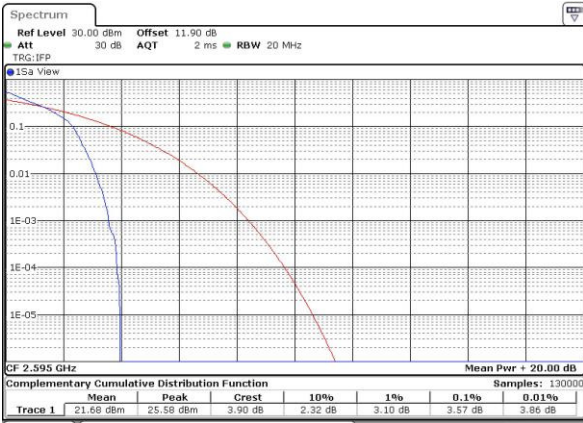
Date: 27\_AUG.2016 04:23:48

Lowest Channel / Full RB



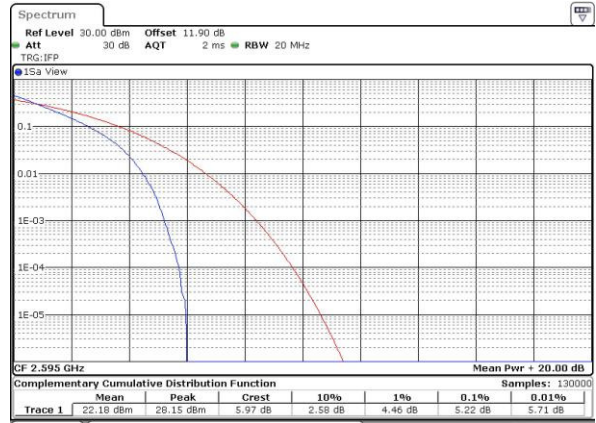
Date: 27\_AUG.2016 04:24:52

Middle Channel / 1RB



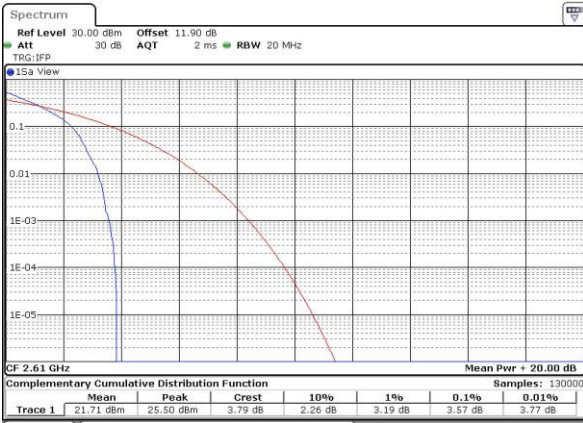
Date: 27\_AUG.2016 04:26:02

Middle Channel / Full RB



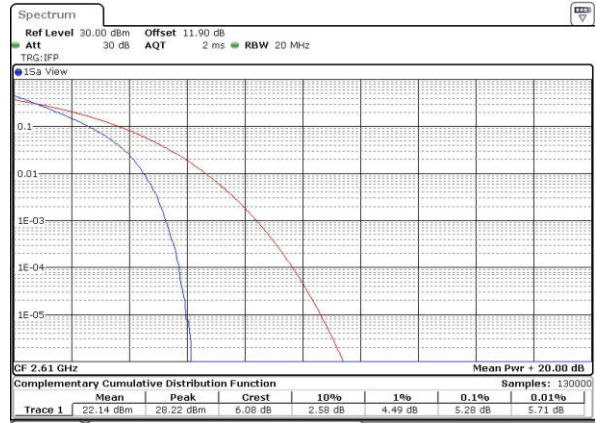
Date: 27\_AUG.2016 04:25:19

Highest Channel / 1RB



Date: 27\_AUG.2016 04:26:59

Highest Channel / Full RB



Date: 27\_AUG.2016 04:28:10



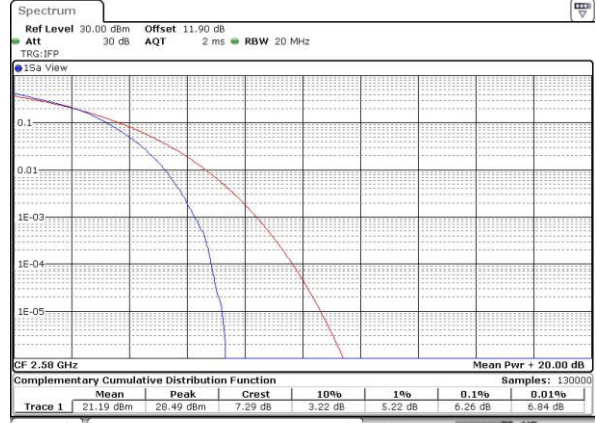
LTE Band 38 / 20MHz / 16QAM

Lowest Channel / 1RB



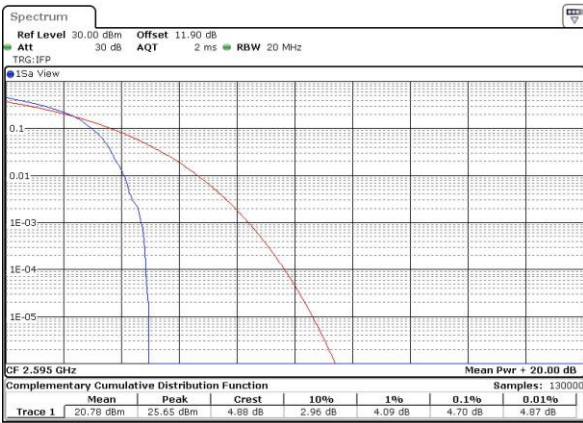
Date: 27\_AUG.2016 04:24:09

Lowest Channel / Full RB



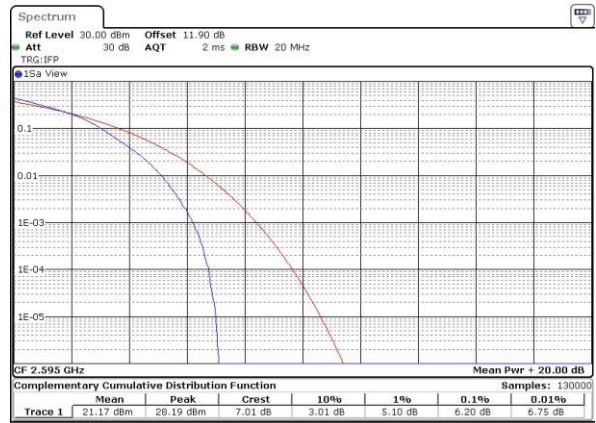
Date: 27\_AUG.2016 04:24:32

Middle Channel / 1RB



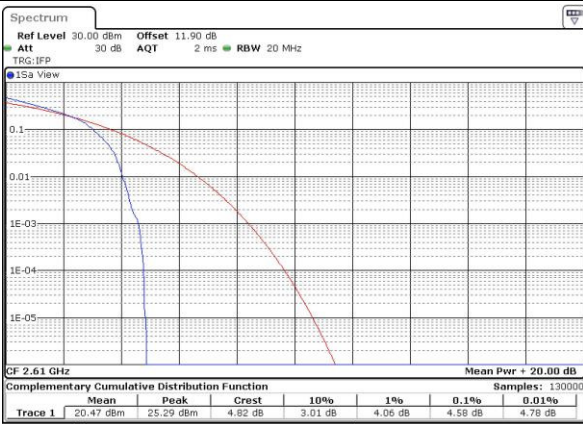
Date: 27\_AUG.2016 04:26:11

Middle Channel / Full RB



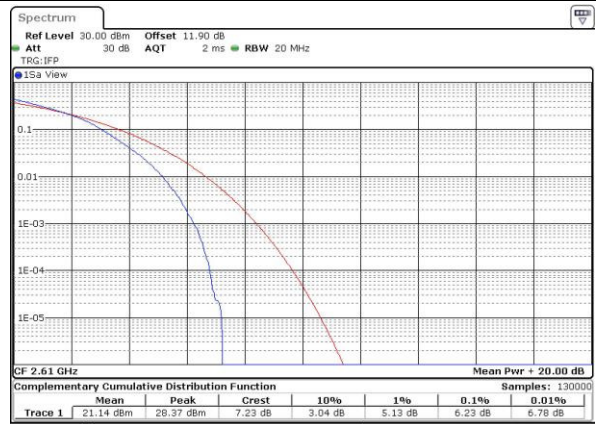
Date: 27\_AUG.2016 04:25:48

Highest Channel / 1RB



Date: 27\_AUG.2016 04:27:19

Highest Channel / Full RB



Date: 27\_AUG.2016 04:27:45



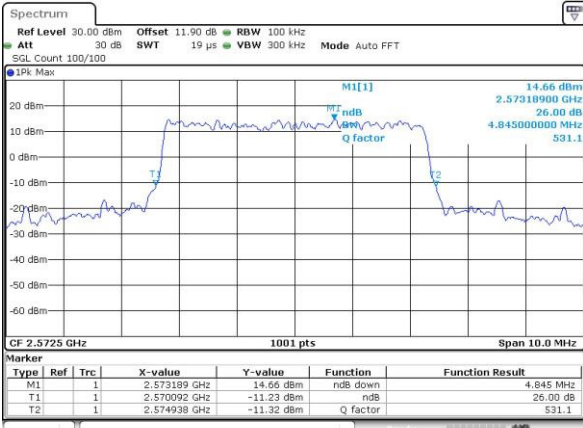
**26dB Bandwidth**

Mode	LTE Band 38 : 26dB BW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
BW												
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.845	4.905	9.99	9.69	14.386	14.386	20.14	20.22
Middle CH	-	-	-	-	4.895	4.715	9.91	9.95	14.236	14.386	20.1	20.3
Highest CH	-	-	-	-	4.875	4.895	9.93	9.85	14.805	14.356	20.14	20.18



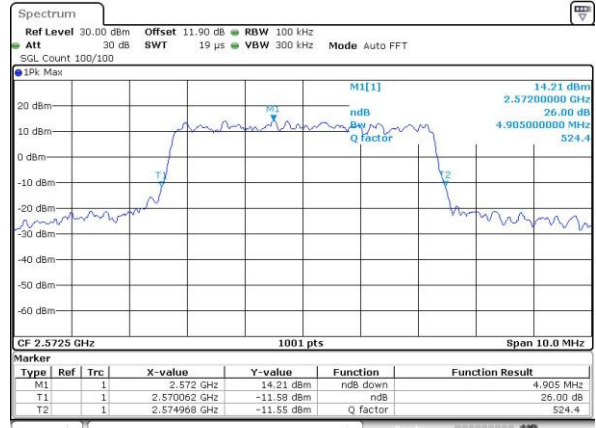
LTE Band 38

Lowest Channel / 5MHz / QPSK



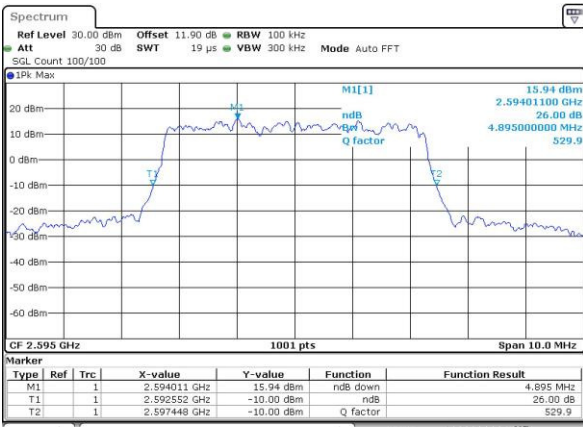
Date: 26\_AUG.2016 23:55:25

Lowest Channel / 5MHz / 16QAM



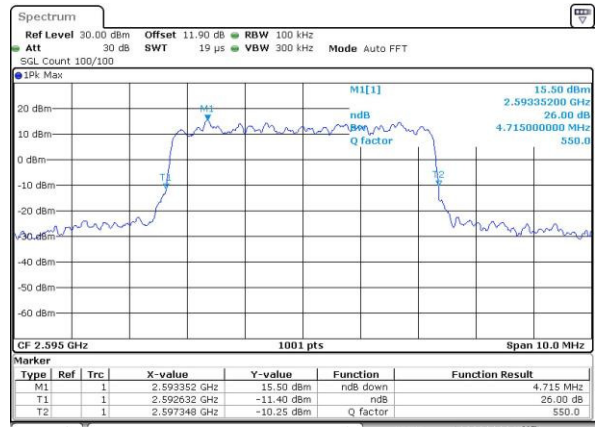
Date: 26\_AUG.2016 23:55:36

Middle Channel / 5MHz / QPSK



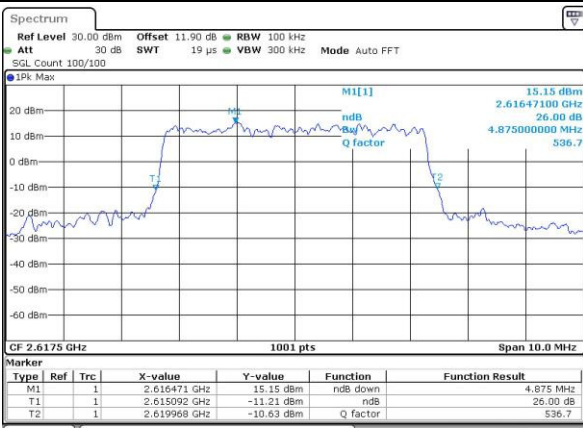
Date: 26\_AUG.2016 23:56:12

Middle Channel / 5MHz / 16QAM



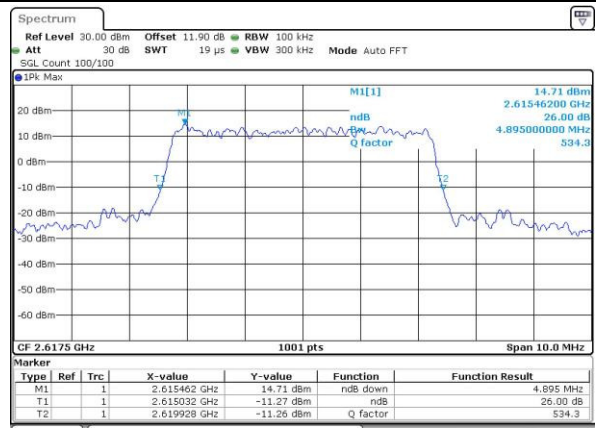
Date: 26\_AUG.2016 23:56:23

Highest Channel / 5MHz / QPSK



Date: 26\_AUG.2016 23:56:59

Highest Channel / 5MHz / 16QAM

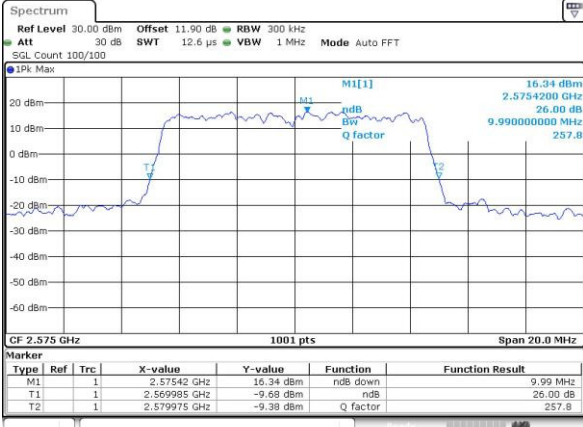


Date: 26\_AUG.2016 23:57:11



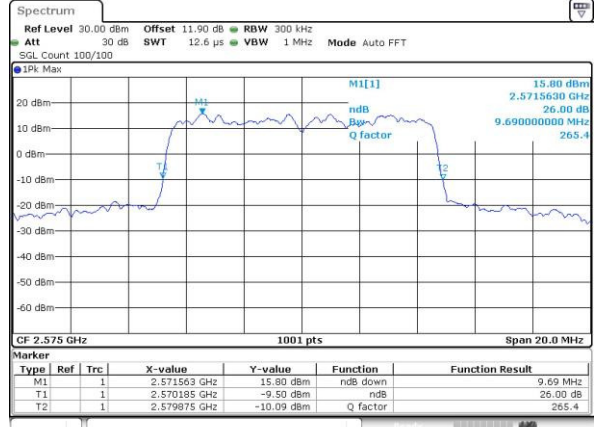
LTE Band 38

Lowest Channel / 10MHz / QPSK



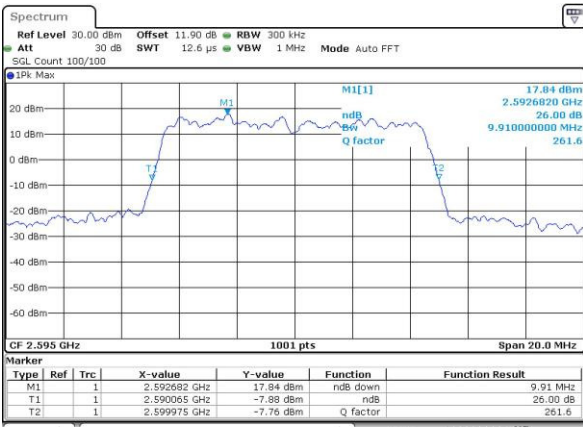
Date: 26\_AUG.2016 23:57:46

Lowest Channel / 10MHz / 16QAM



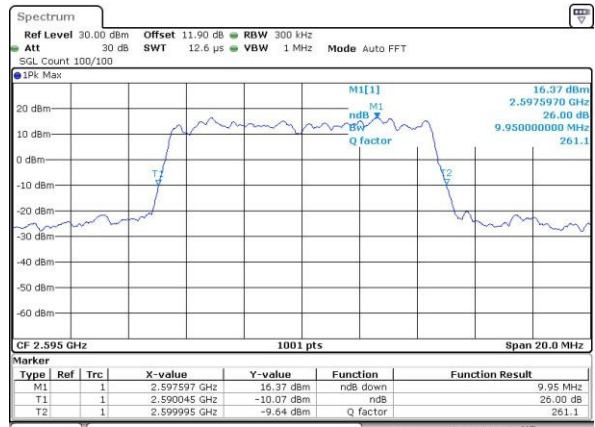
Date: 26\_AUG.2016 23:57:58

Middle Channel / 10MHz / QPSK



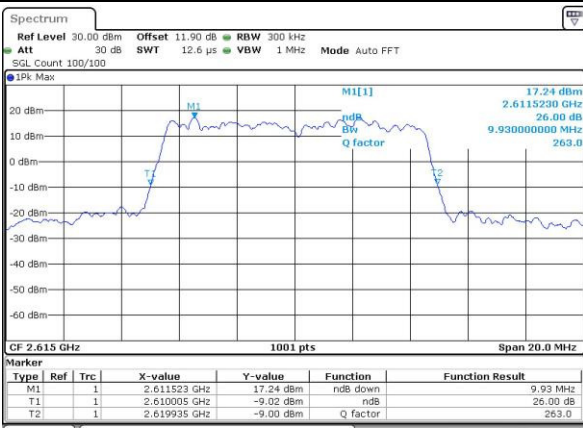
Date: 26\_AUG.2016 23:58:33

Middle Channel / 10MHz / 16QAM



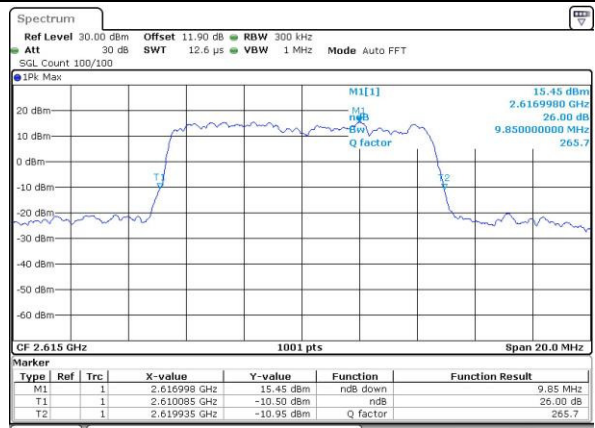
Date: 26\_AUG.2016 23:58:45

Highest Channel / 10MHz / QPSK



Date: 26\_AUG.2016 23:59:20

Highest Channel / 10MHz / 16QAM

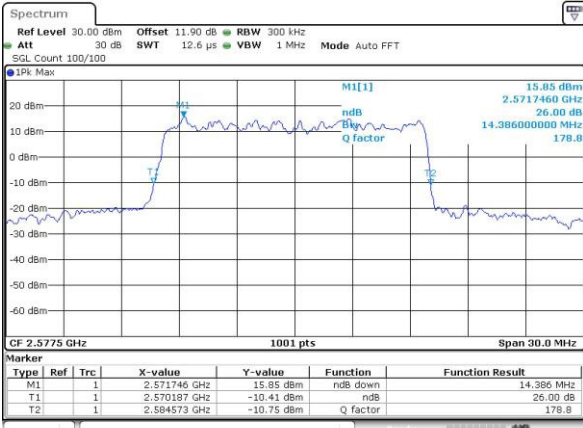


Date: 26\_AUG.2016 23:59:32



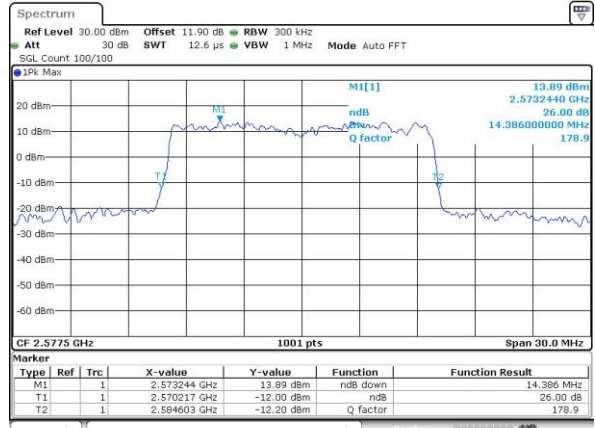
LTE Band 38

Lowest Channel / 15MHz / QPSK



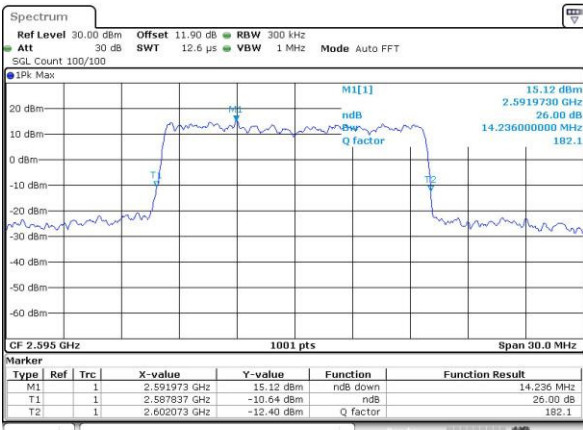
Date: 27\_AUG.2016 00:00:07

Lowest Channel / 15MHz / 16QAM



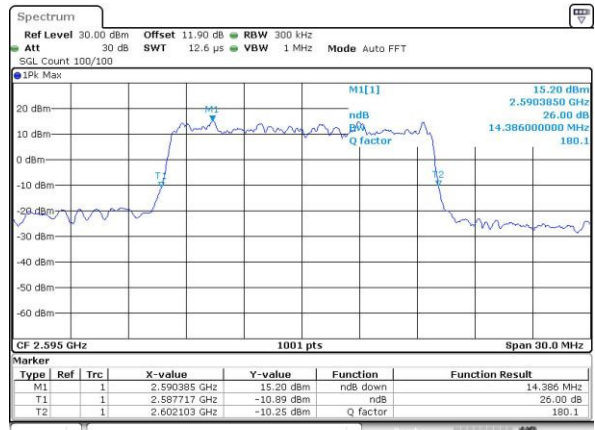
Date: 27\_AUG.2016 00:00:19

Middle Channel / 15MHz / QPSK



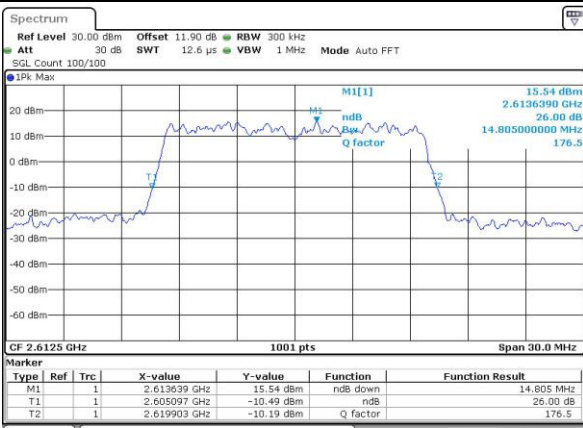
Date: 27\_AUG.2016 00:00:54

Middle Channel / 15MHz / 16QAM



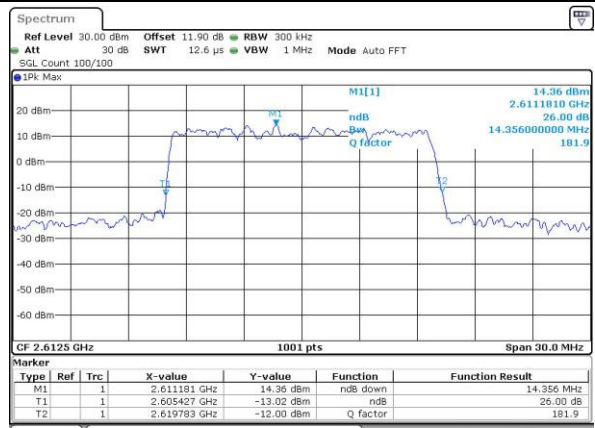
Date: 27\_AUG.2016 00:01:06

Highest Channel / 15MHz / QPSK



Date: 27\_AUG.2016 00:01:41

Highest Channel / 15MHz / 16QAM

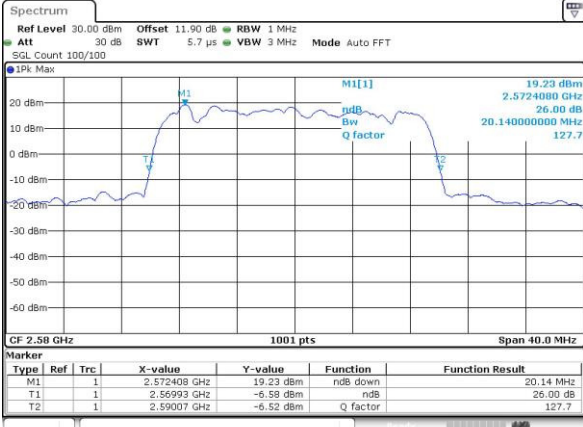


Date: 27\_AUG.2016 00:01:53



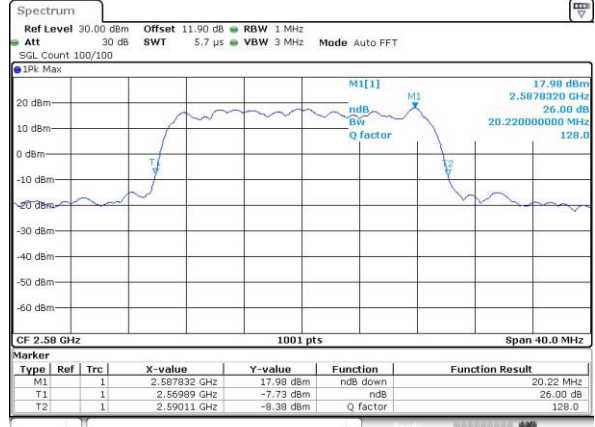
LTE Band 38

Lowest Channel / 20MHz / QPSK



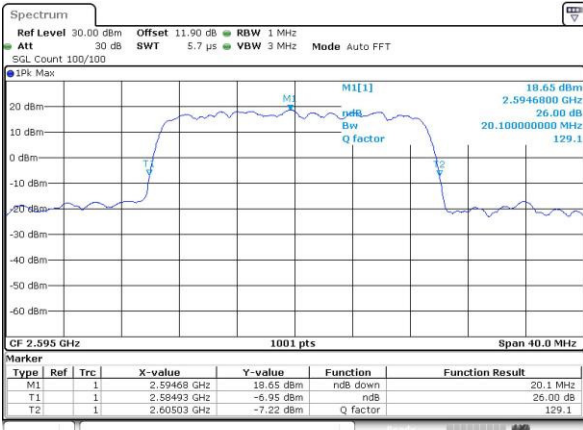
Date: 27\_AUG.2016 00:02:28

Lowest Channel / 20MHz / 16QAM



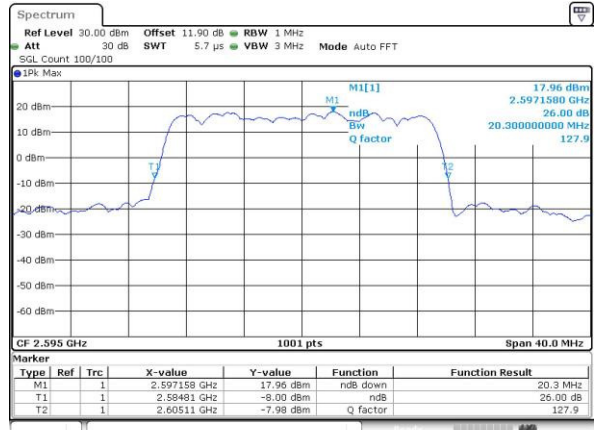
Date: 27\_AUG.2016 00:02:39

Middle Channel / 20MHz / QPSK



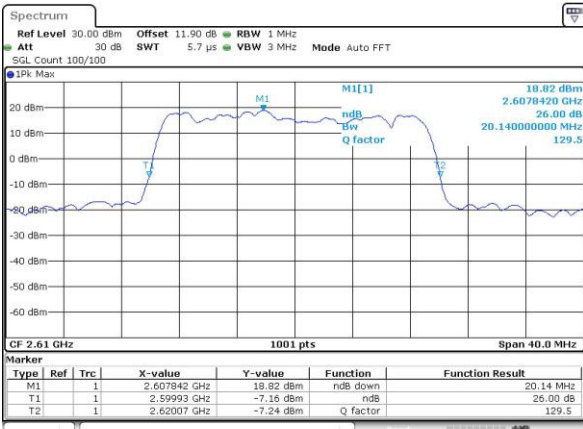
Date: 27\_AUG.2016 00:03:14

Middle Channel / 20MHz / 16QAM



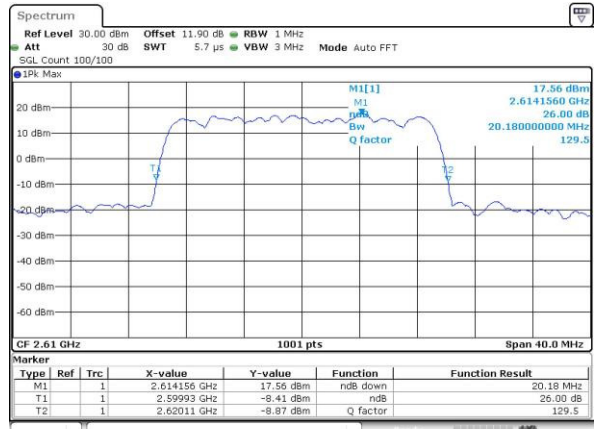
Date: 27\_AUG.2016 00:03:26

Highest Channel / 20MHz / QPSK



Date: 27\_AUG.2016 00:04:01

Highest Channel / 20MHz / 16QAM



Date: 27\_AUG.2016 00:04:13





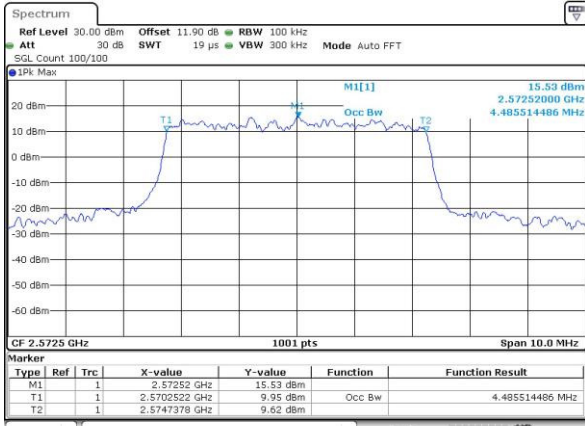
### Occupied Bandwidth

Mode	LTE Band 38 : 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	4.51	9.07	9.05	13.43	13.49	18.5	18.26
Middle CH	-	-	-	-	4.48	4.51	9.05	8.99	13.46	13.58	18.14	18.82
Highest CH	-	-	-	-	4.48	4.52	9.05	8.89	13.49	13.49	18.34	18.62



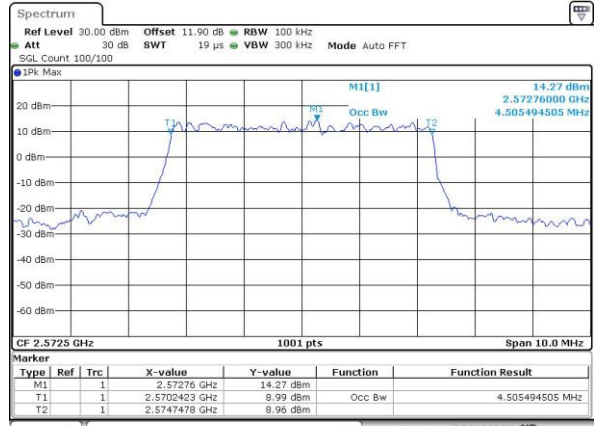
LTE Band 38

Lowest Channel / 5MHz / QPSK



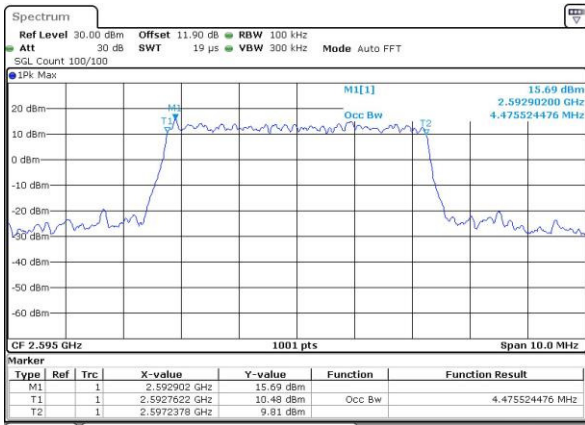
Date: 26\_AUG.2016 23:55:01

Lowest Channel / 5MHz / 16QAM



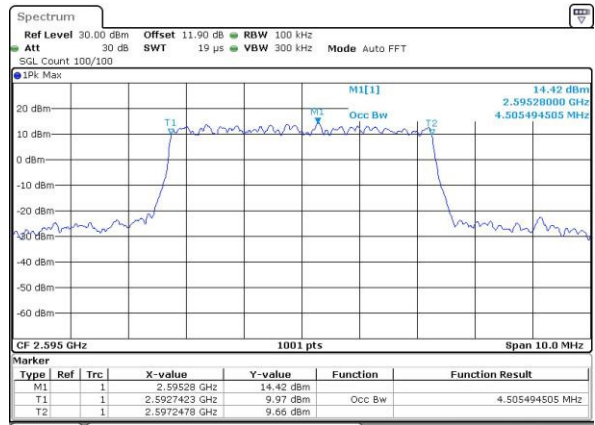
Date: 26\_AUG.2016 23:55:13

Middle Channel / 5MHz / QPSK



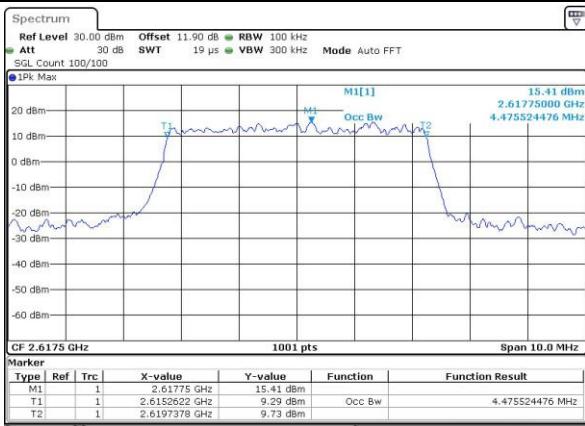
Date: 26\_AUG.2016 23:55:48

Middle Channel / 5MHz / 16QAM



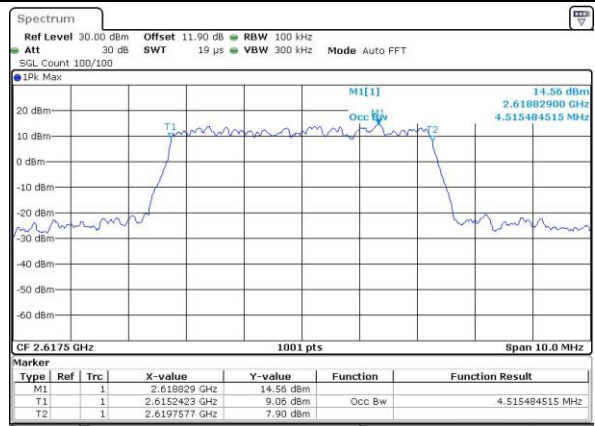
Date: 26\_AUG.2016 23:56:00

Highest Channel / 5MHz / QPSK



Date: 26\_AUG.2016 23:56:35

Highest Channel / 5MHz / 16QAM

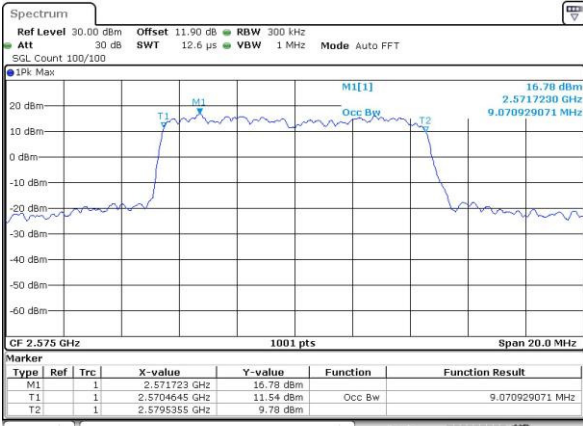


Date: 26\_AUG.2016 23:56:47



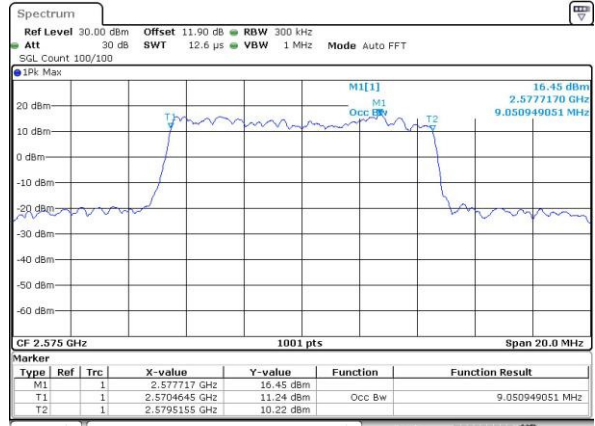
LTE Band 38

Lowest Channel / 10MHz / QPSK



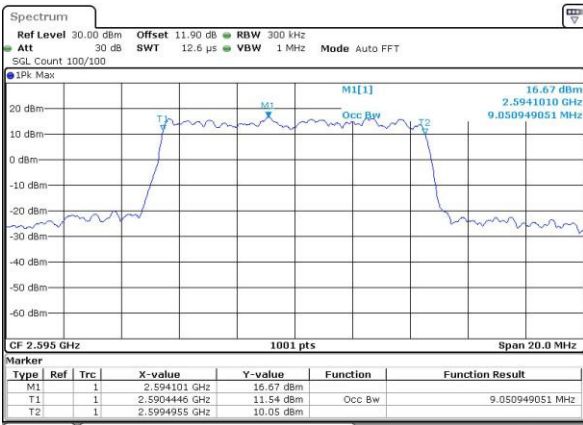
Date: 26\_AUG.2016 23:57:22

Lowest Channel / 10MHz / 16QAM



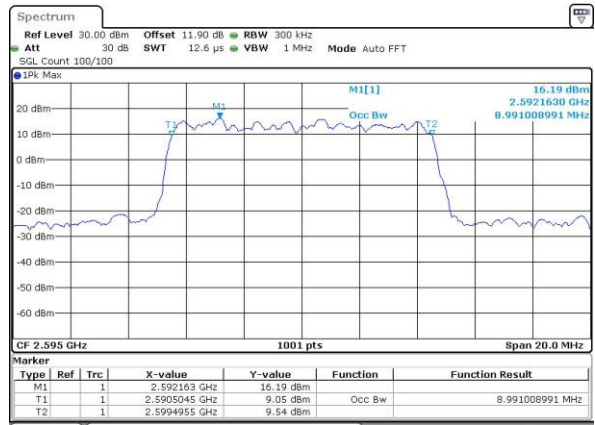
Date: 26\_AUG.2016 23:57:34

Middle Channel / 10MHz / QPSK



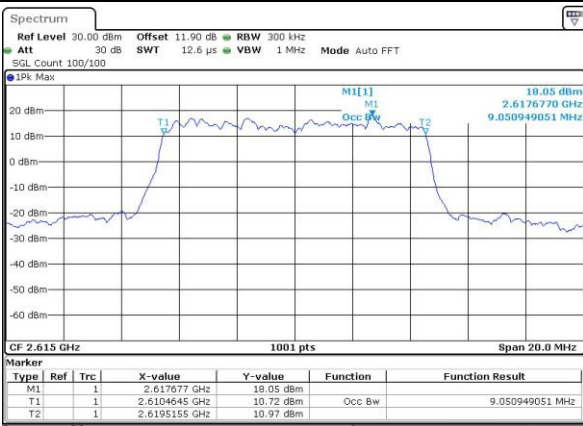
Date: 26\_AUG.2016 23:58:09

Middle Channel / 10MHz / 16QAM



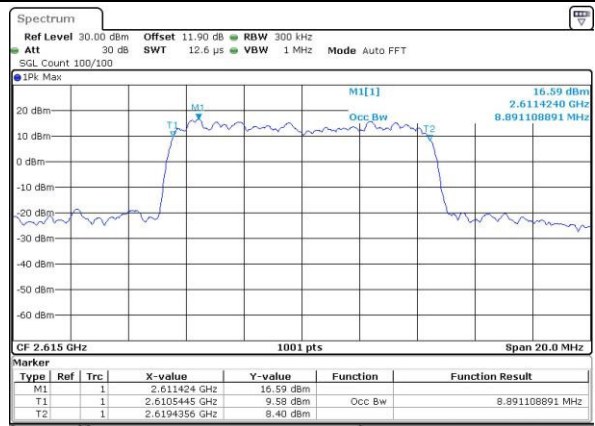
Date: 26\_AUG.2016 23:58:21

Highest Channel / 10MHz / QPSK



Date: 26\_AUG.2016 23:58:56

Highest Channel / 10MHz / 16QAM

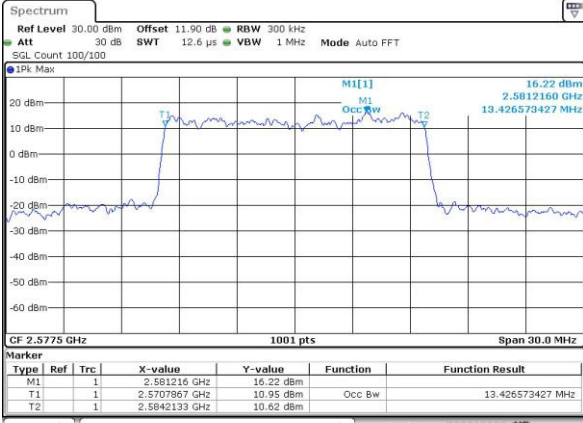


Date: 26\_AUG.2016 23:59:08



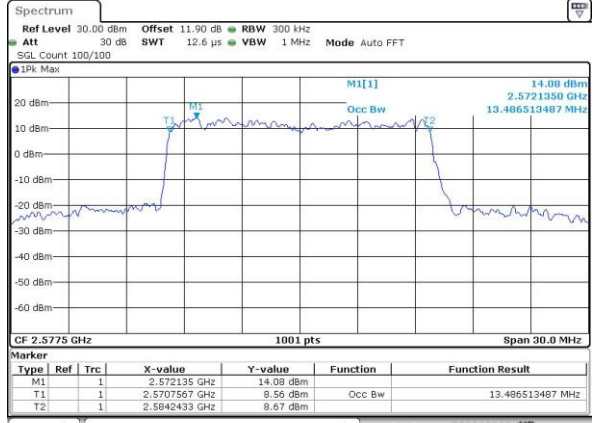
LTE Band 38

Lowest Channel / 15MHz / QPSK



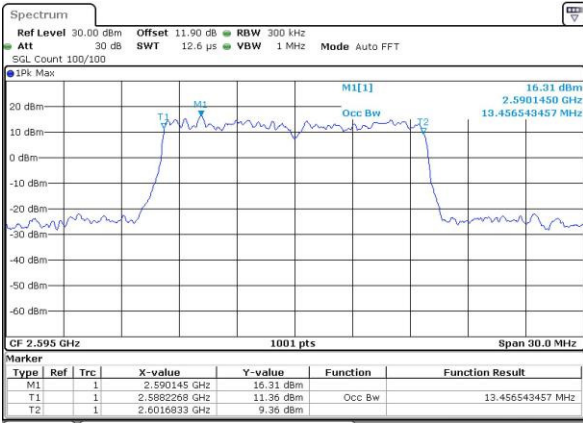
Date: 26\_AUG.2016 23:59:44

Lowest Channel / 15MHz / 16QAM



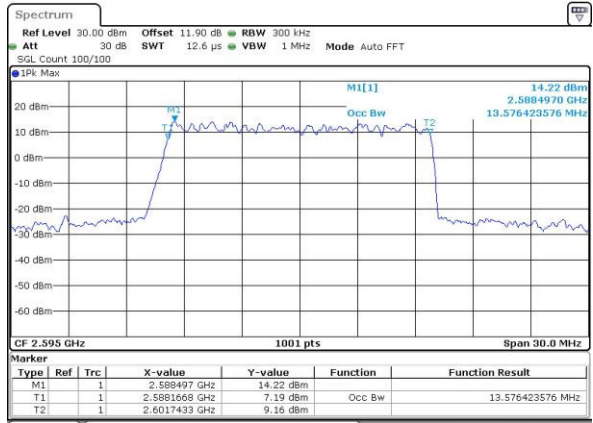
Date: 26\_AUG.2016 23:59:55

Middle Channel / 15MHz / QPSK



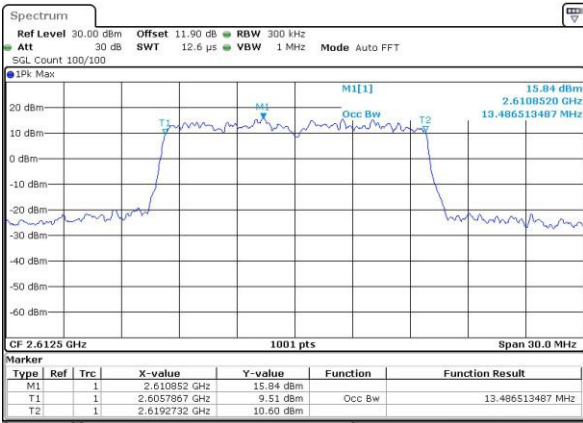
Date: 27\_AUG.2016 00:00:31

Middle Channel / 15MHz / 16QAM



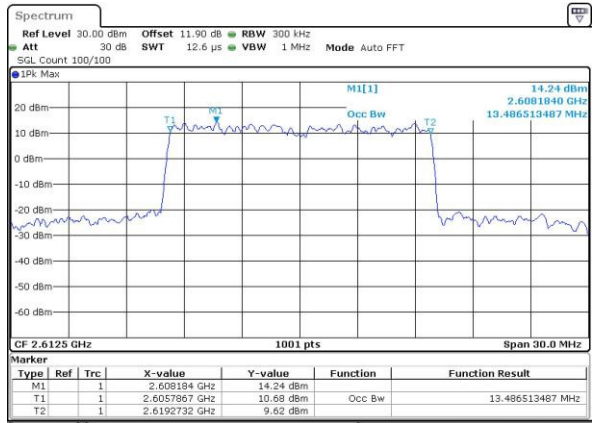
Date: 27\_AUG.2016 00:00:42

Highest Channel / 15MHz / QPSK



Date: 27\_AUG.2016 00:01:17

Highest Channel / 15MHz / 16QAM

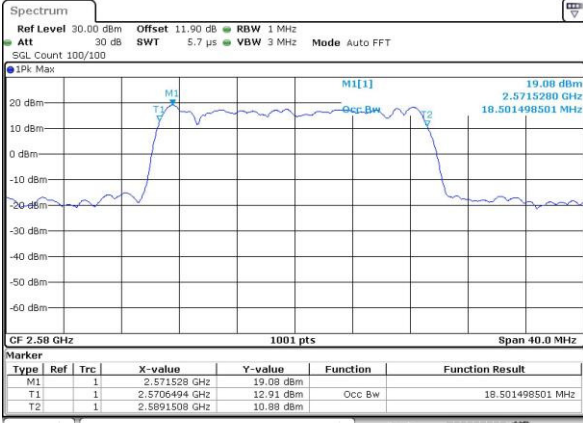


Date: 27\_AUG.2016 00:01:29



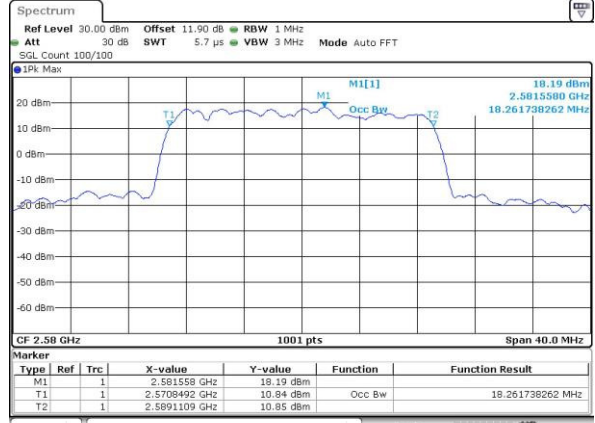
LTE Band 38

Lowest Channel / 20MHz / QPSK



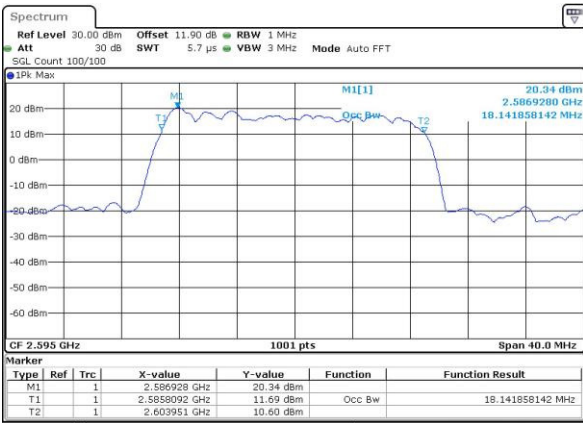
Date: 27\_AUG.2016 00:02:04

Lowest Channel / 20MHz / 16QAM



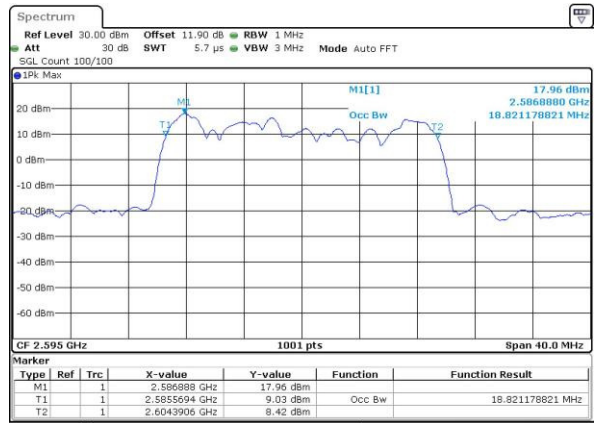
Date: 27\_AUG.2016 00:02:16

Middle Channel / 20MHz / QPSK



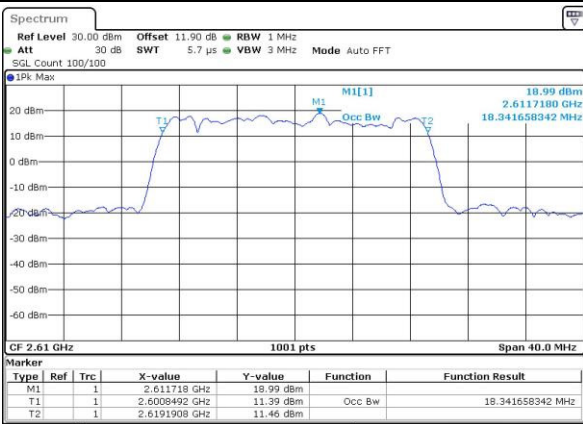
Date: 27\_AUG.2016 00:02:51

Middle Channel / 20MHz / 16QAM



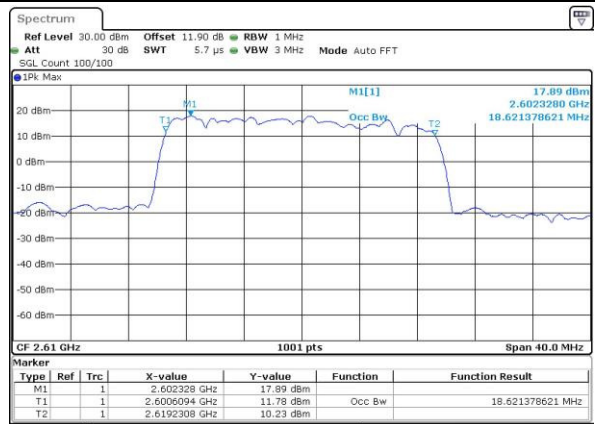
Date: 27\_AUG.2016 00:03:03

Highest Channel / 20MHz / QPSK



Date: 27\_AUG.2016 00:03:38

Highest Channel / 20MHz / 16QAM



Date: 27\_AUG.2016 00:03:50



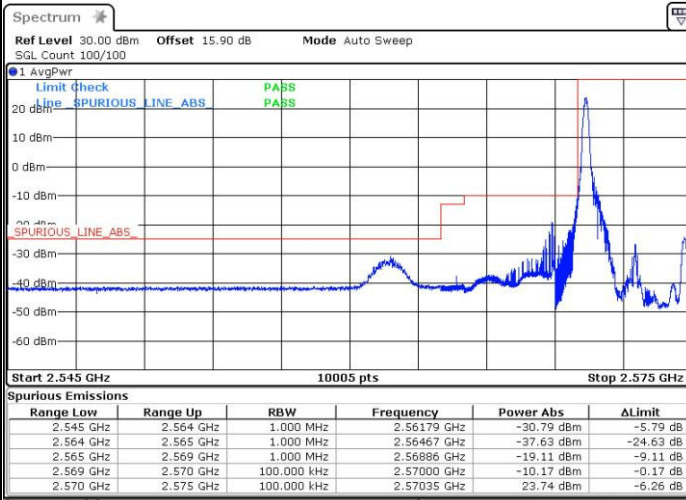
## **Conducted Band Edge**



LTE Band 38 / 5MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



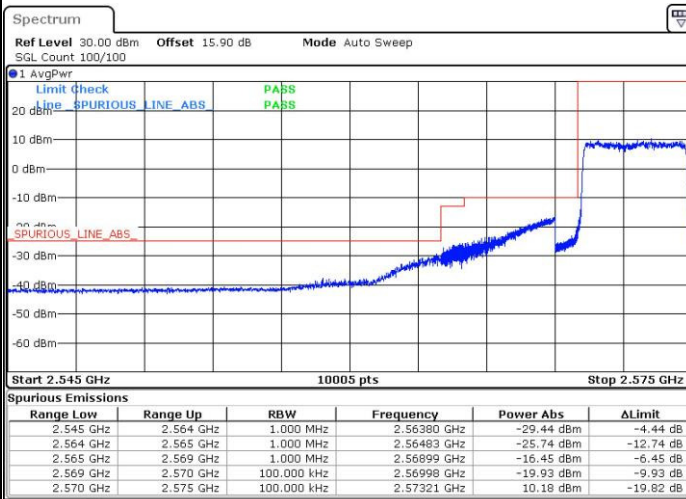
Date: 27.AUG.2016 01:14:29



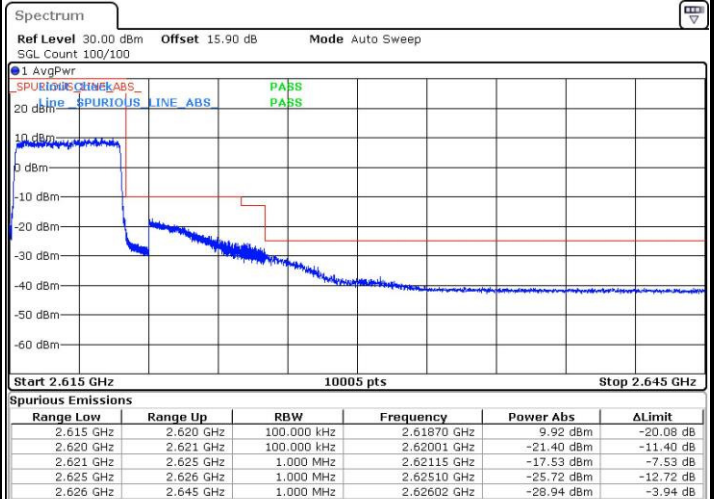
Date: 27.AUG.2016 01:16:05

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 27.AUG.2016 00:10:05

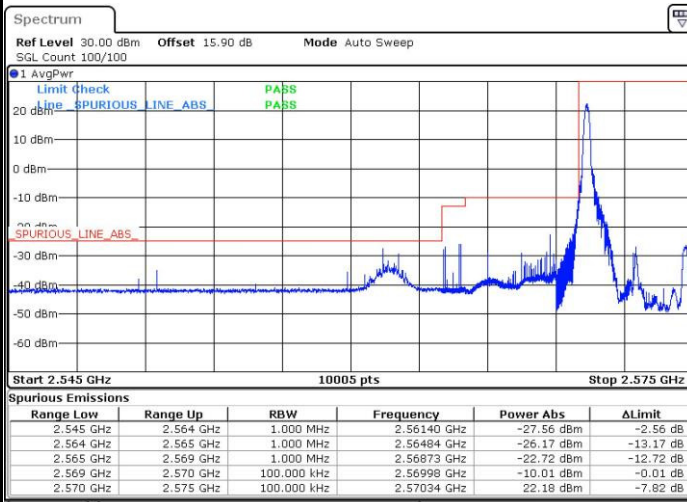


Date: 27.AUG.2016 00:12:26



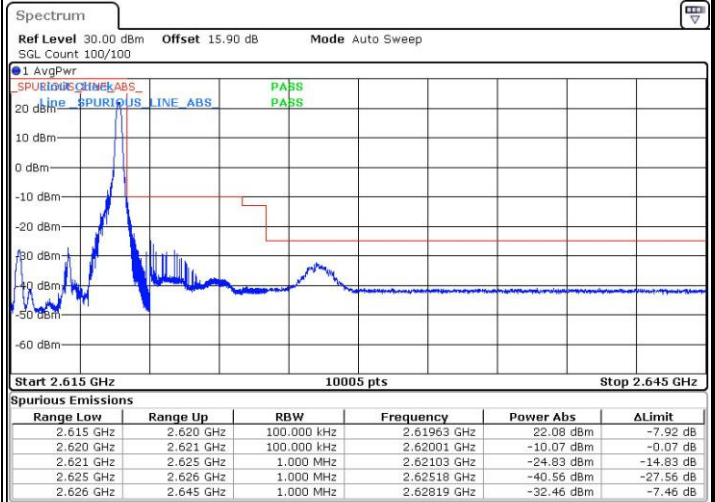
LTE Band 38 / 5MHz / 16QAM

Lowest Band Edge / 1RB



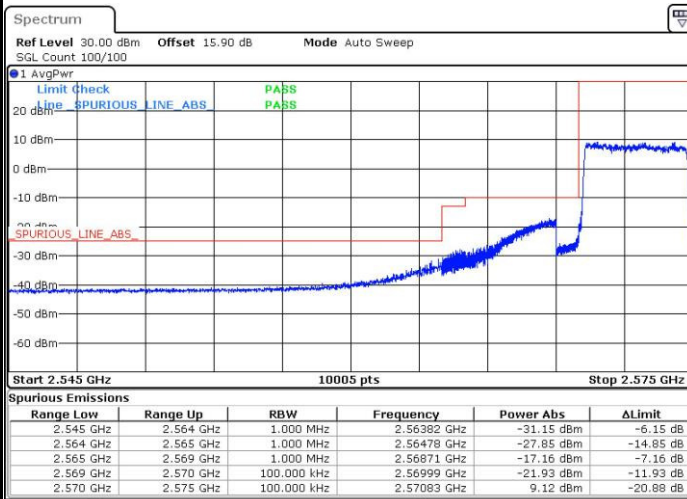
Date: 27.AUG.2016 01:15:04

Highest Band Edge / 1 RB



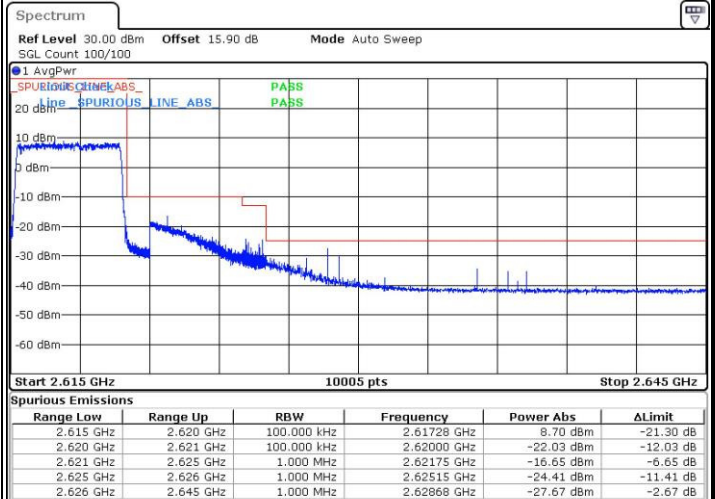
Date: 27.AUG.2016 00:15:56

Lowest Band Edge / Full RB



Date: 27.AUG.2016 00:11:16

Highest Band Edge / Full RB



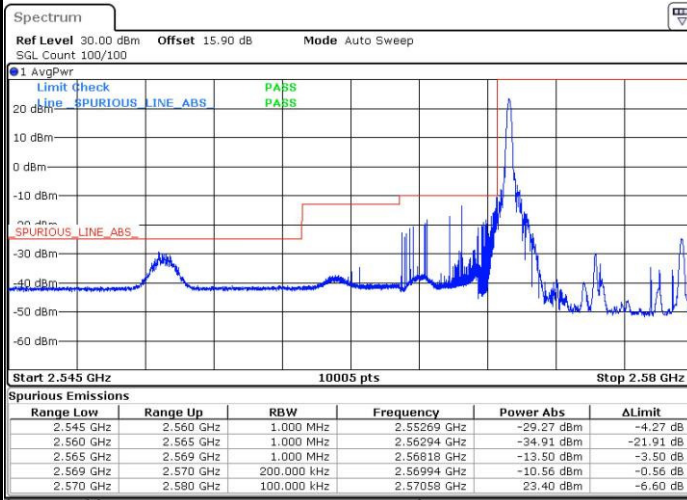
Date: 27.AUG.2016 00:13:36





LTE Band 38 / 10MHz / QPSK

Lowest Band Edge / 1 RB



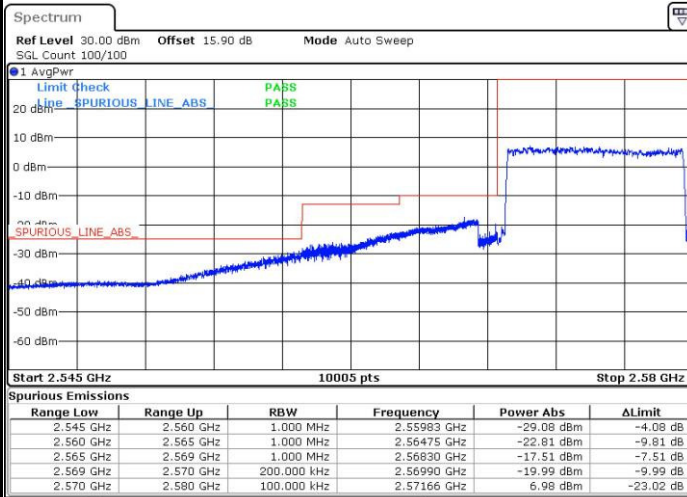
Date: 27.AUG.2016 01:16:43

Highest Band Edge / 1 RB



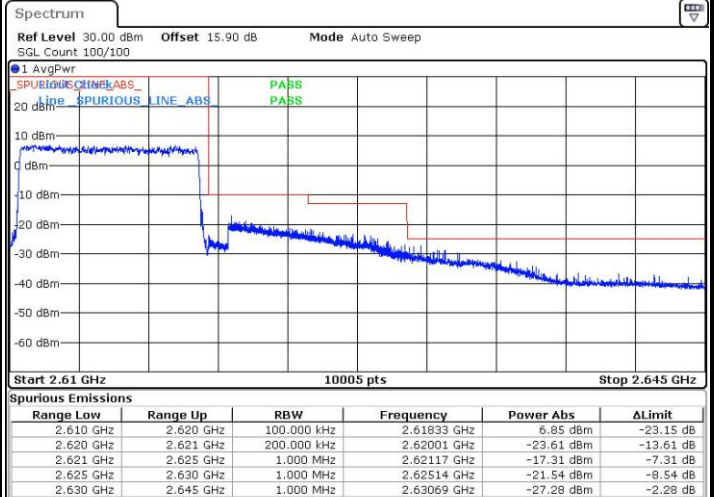
Date: 27.AUG.2016 01:17:09

Lowest Band Edge / Full RB



Date: 27.AUG.2016 00:19:26

Highest Band Edge / Full RB

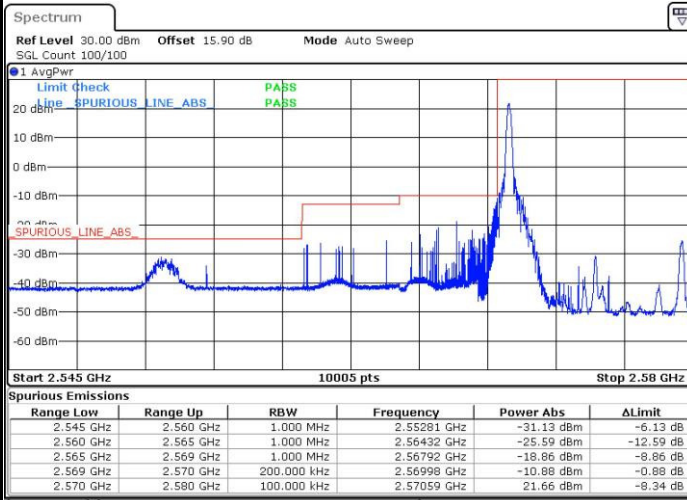


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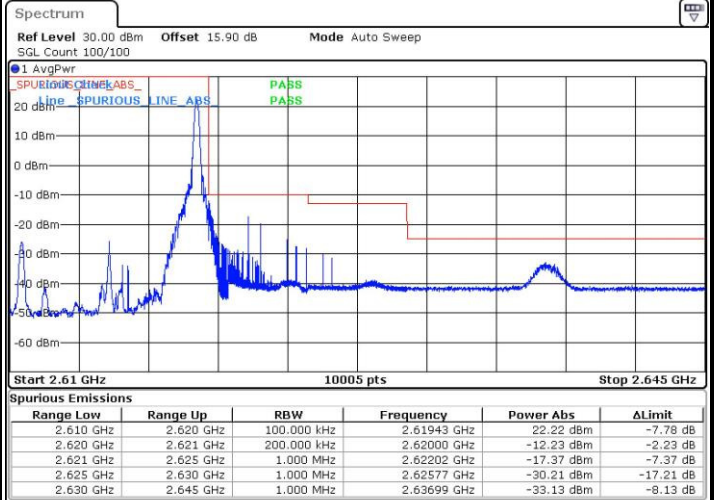
LTE Band 38 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



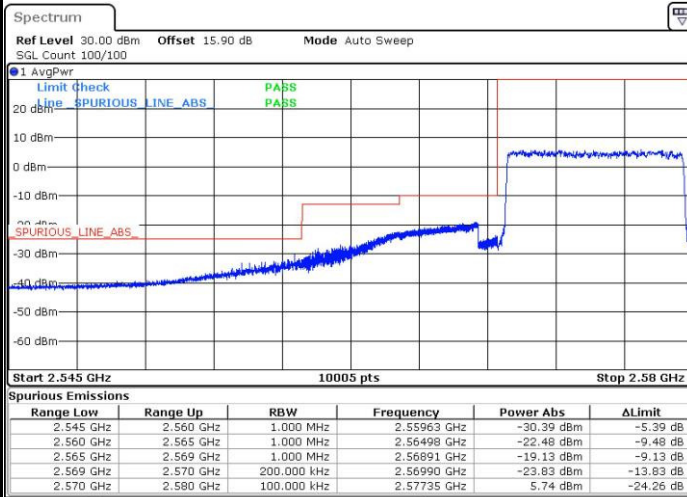
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Highest Band Edge / 1 RB



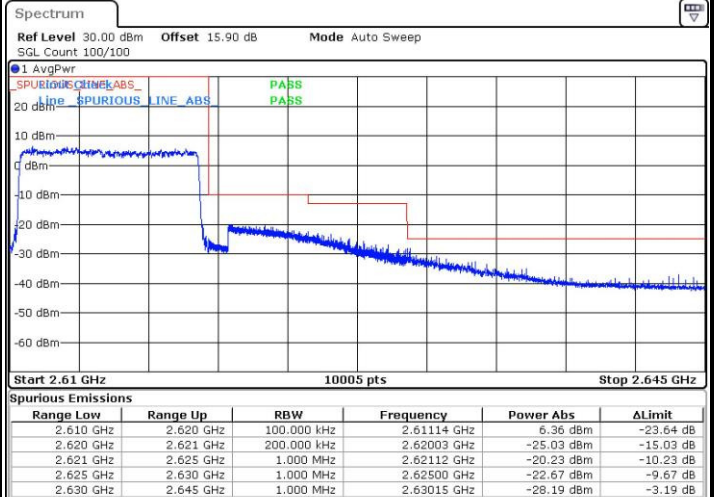
Date: 27.AUG.2016 00:25:16

Lowest Band Edge / Full RB



Date: 27.AUG.2016 00:20:36

Highest Band Edge / Full RB

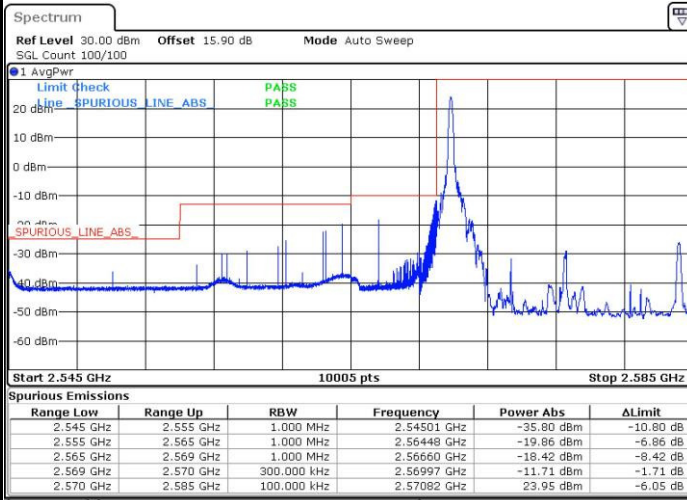


Date: 27.AUG.2016 00:22:56



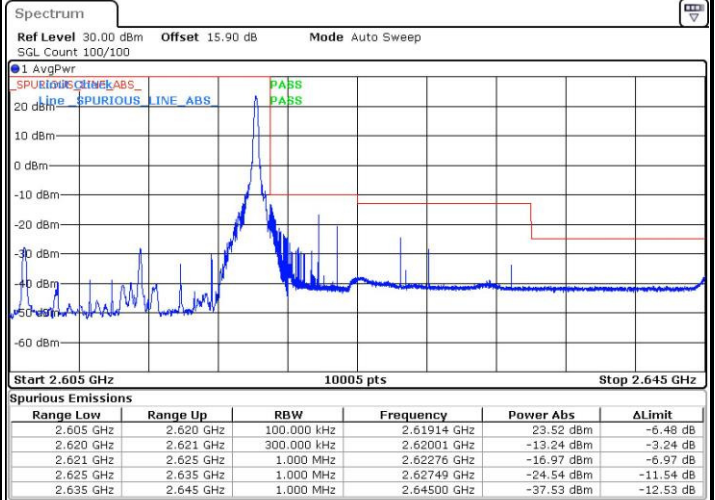
LTE Band 38 / 15MHz / QPSK

Lowest Band Edge / 1 RB



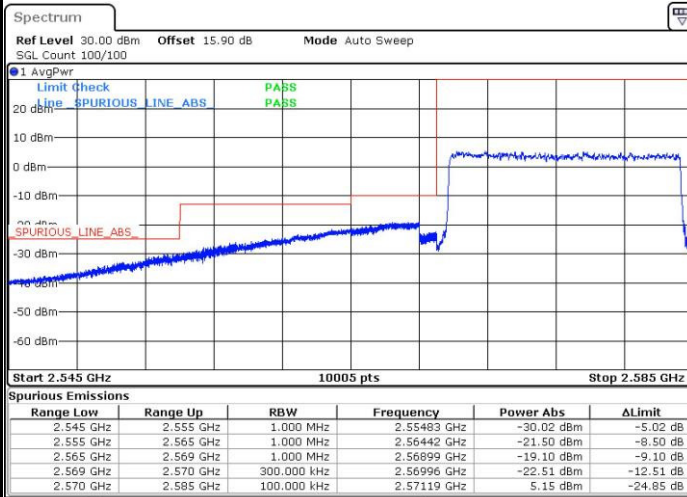
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Highest Band Edge / 1 RB



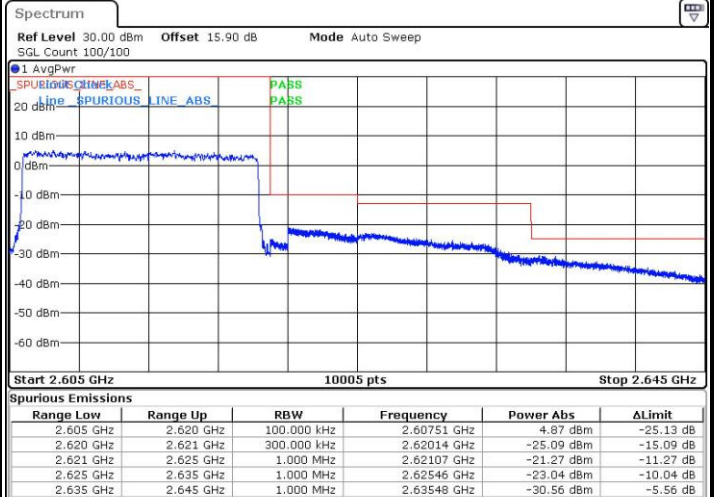
Date: 27.AUG.2016 00:33:25

Lowest Band Edge / Full RB



Date: 27.AUG.2016 00:28:46

Highest Band Edge / Full RB



Date: 27.AUG.2016 00:31:06