



## LTE Band 2

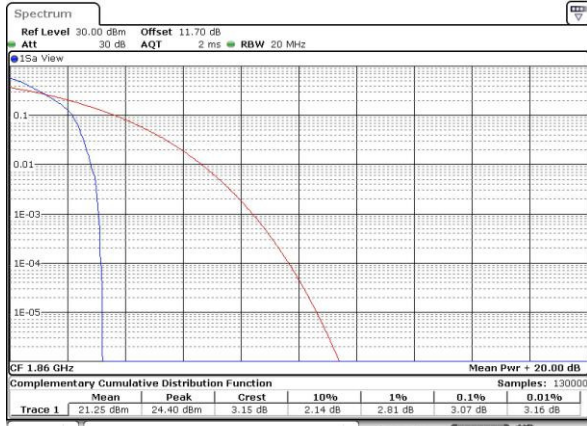
### Peak-to-Average Ratio

Mode	LTE Band 2 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.07	4.64	4.17	5.62	PASS
Middle CH	2.99	4.96	4.17	6	
Highest CH	3.25	4.78	4.12	5.77	



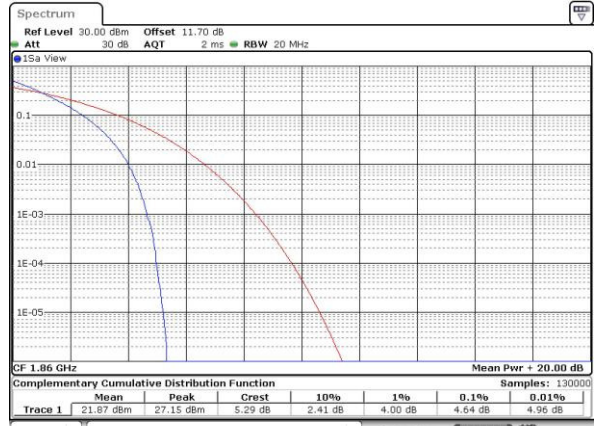
LTE Band 2 / 20MHz / QPSK

Lowest Channel / 1RB



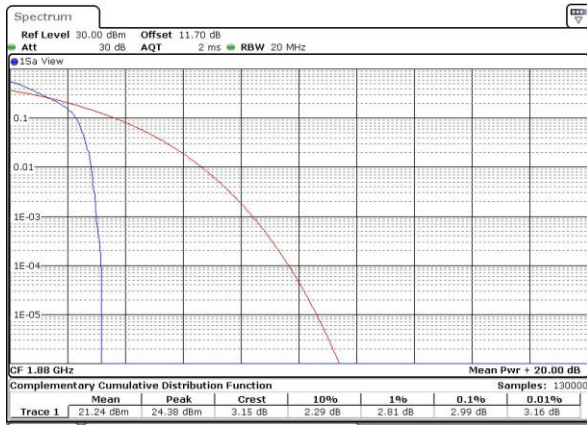
Date: 26.AUG.2016 07:43:51

Lowest Channel / Full RB



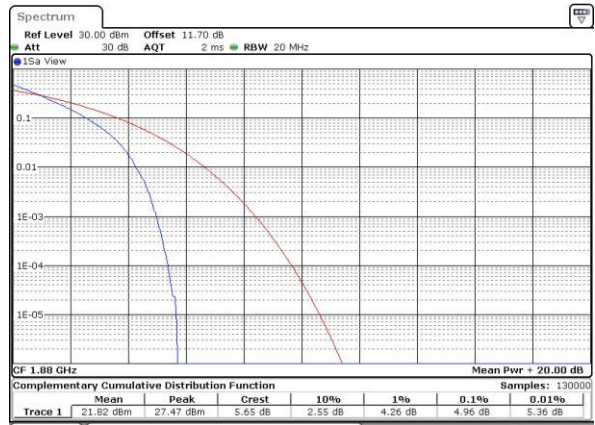
Date: 26.AUG.2016 07:44:04

Middle Channel / 1RB



Date: 26.AUG.2016 07:44:16

Middle Channel / Full RB



Date: 26.AUG.2016 07:44:27

Highest Channel / 1RB



Date: 26.AUG.2016 07:44:39

Highest Channel / Full RB

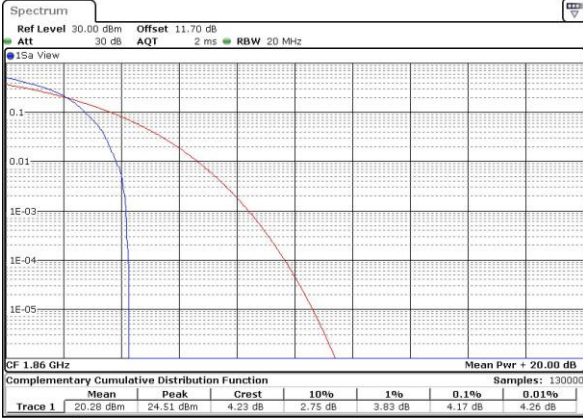


Date: 26.AUG.2016 07:44:50



LTE Band 2 / 20MHz / 16QAM

Lowest Channel / 1RB



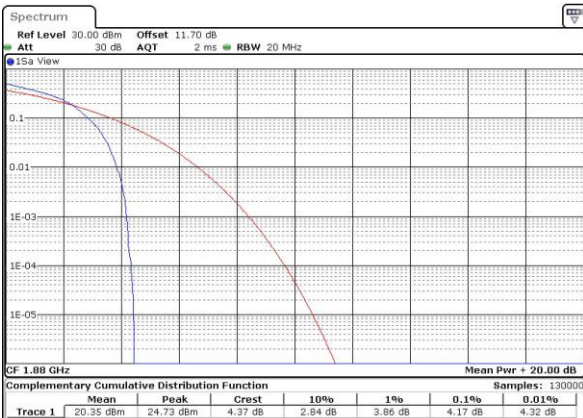
Date: 26.AUG.2016 07:42:40

Lowest Channel / Full RB



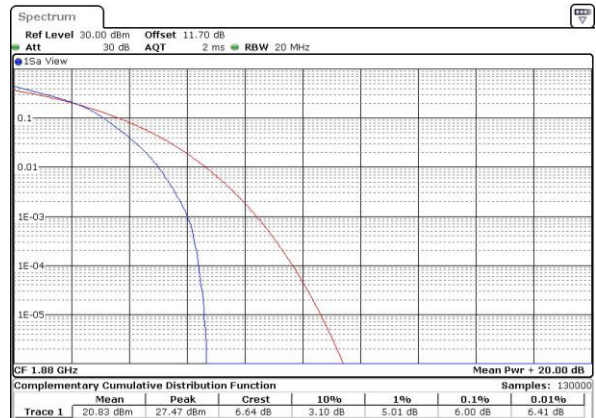
Date: 26.AUG.2016 07:42:52

Middle Channel / 1RB



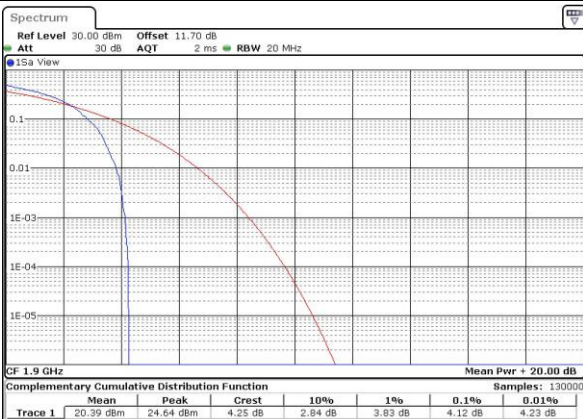
Date: 26.AUG.2016 07:43:03

Middle Channel / Full RB



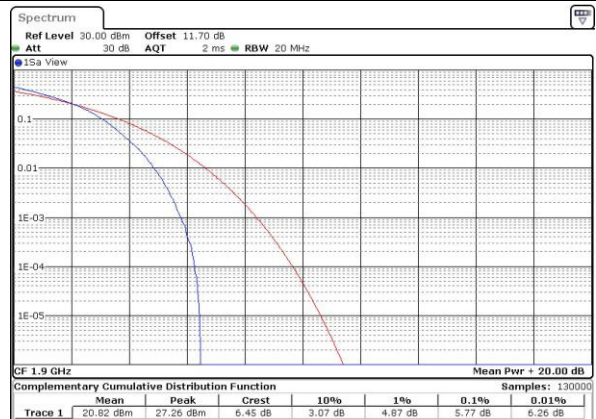
Date: 26.AUG.2016 07:43:15

Highest Channel / 1RB



Date: 26.AUG.2016 07:43:28

Highest Channel / Full RB



Date: 26.AUG.2016 07:43:39



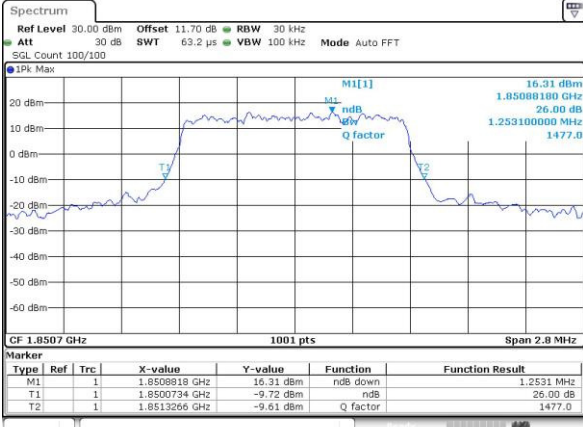
**26dB Bandwidth**

Mode	LTE Band 2 : 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	1.253	1.259	2.979	2.985	4.935	4.895	11.109	10.07	14.505	14.565	20.3	20.3
Middle CH	1.253	1.236	2.985	3.015	4.925	4.945	9.79	9.85	14.535	14.535	20.18	20.18
Highest CH	1.256	1.248	3.039	3.009	4.965	4.935	9.93	9.85	14.266	14.116	20.1	20.02



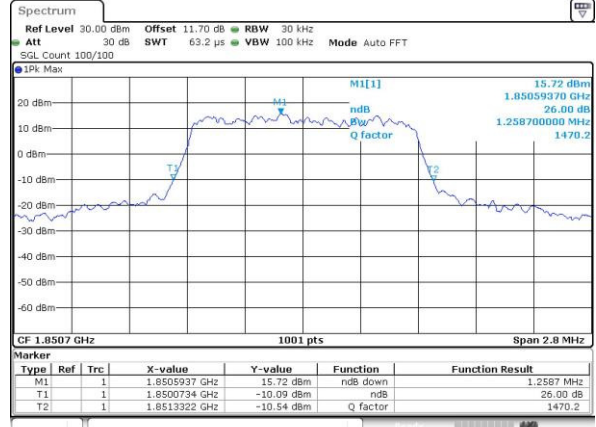
LTE Band 2

Lowest Channel / 1.4MHz / QPSK



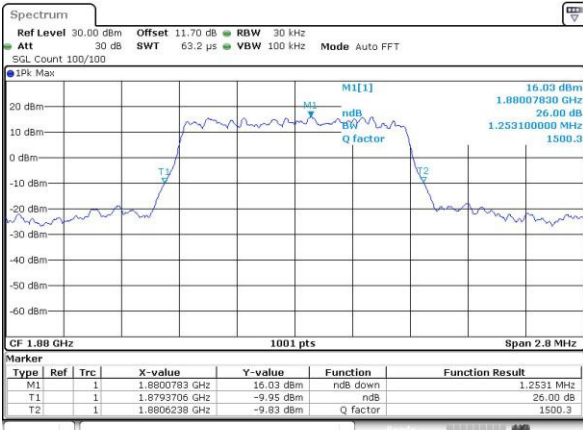
Date: 26\_AUG.2016 07:24:53

Lowest Channel / 1.4MHz / 16QAM



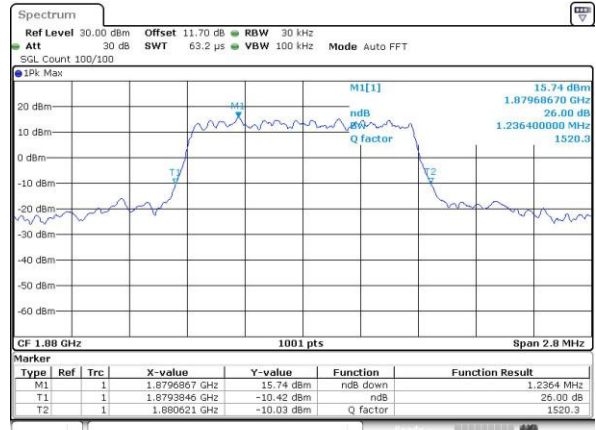
Date: 26\_AUG.2016 07:25:04

Middle Channel / 1.4MHz / QPSK



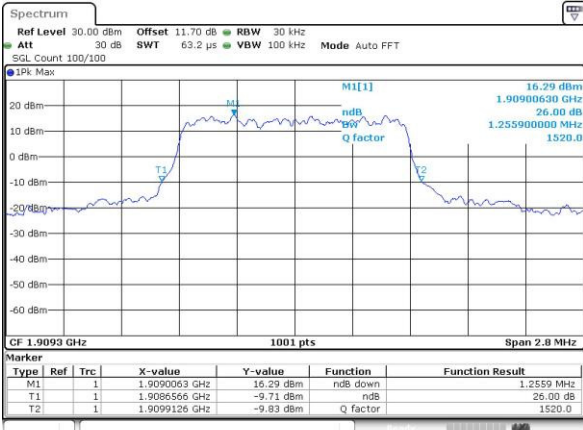
Date: 26\_AUG.2016 07:32:15

Middle Channel / 1.4MHz / 16QAM



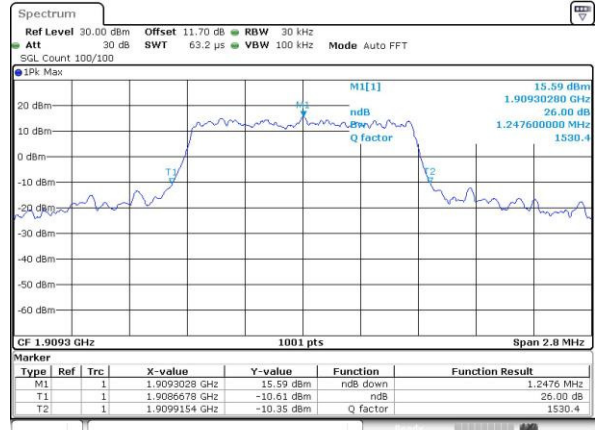
Date: 26\_AUG.2016 07:32:26

Highest Channel / 1.4MHz / QPSK



Date: 26\_AUG.2016 07:34:58

Highest Channel / 1.4MHz / 16QAM

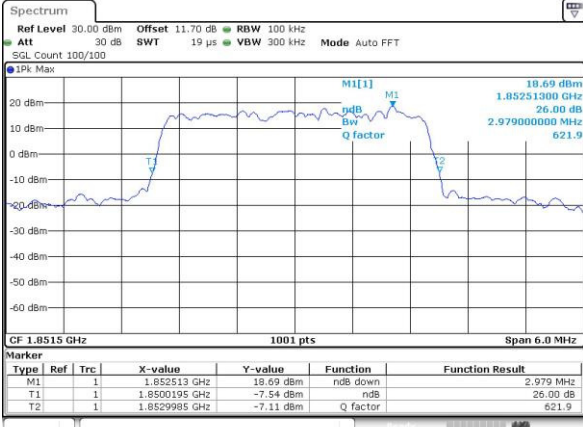


Date: 26\_AUG.2016 07:35:10



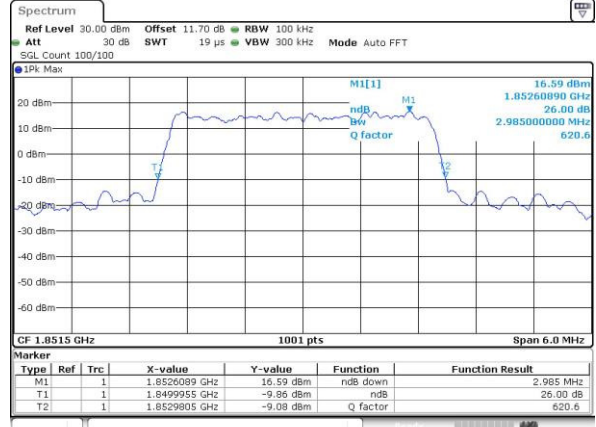
LTE Band 2

Lowest Channel / 3MHz / QPSK



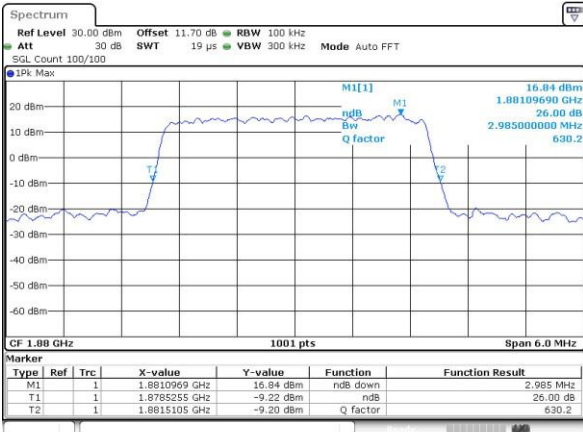
Date: 26\_AUG.2016 05:57:27

Lowest Channel / 3MHz / 16QAM



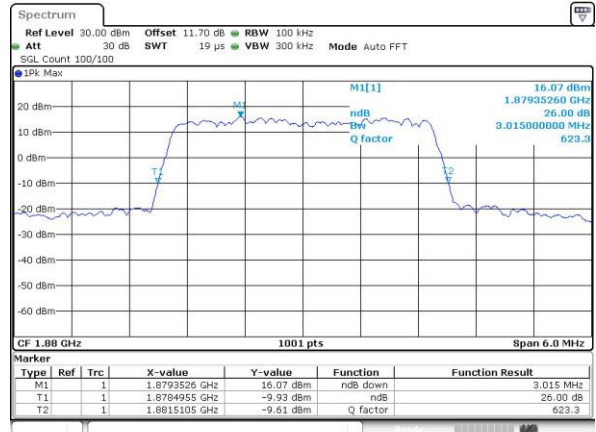
Date: 26\_AUG.2016 05:57:39

Middle Channel / 3MHz / QPSK



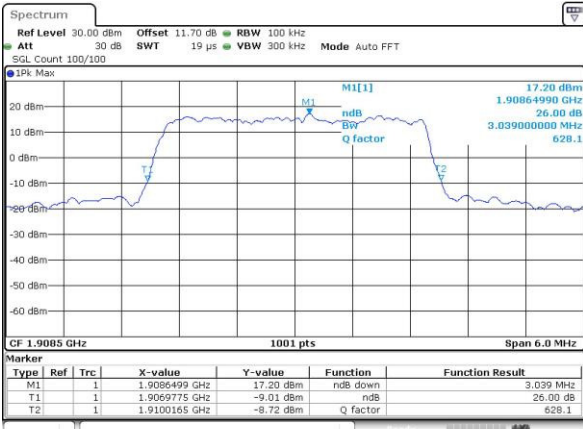
Date: 26\_AUG.2016 06:04:50

Middle Channel / 3MHz / 16QAM



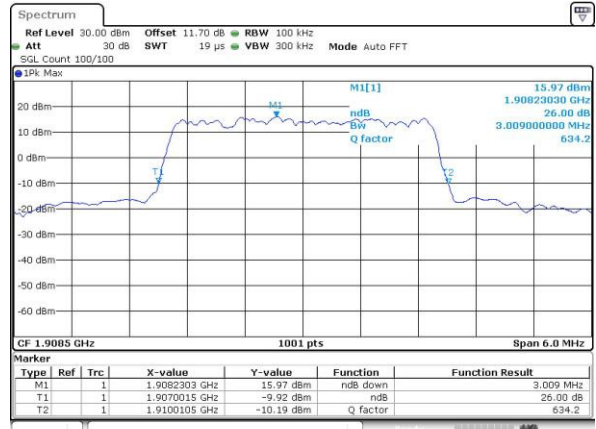
Date: 26\_AUG.2016 06:05:02

Highest Channel / 3MHz / QPSK



Date: 26\_AUG.2016 06:07:34

Highest Channel / 3MHz / 16QAM

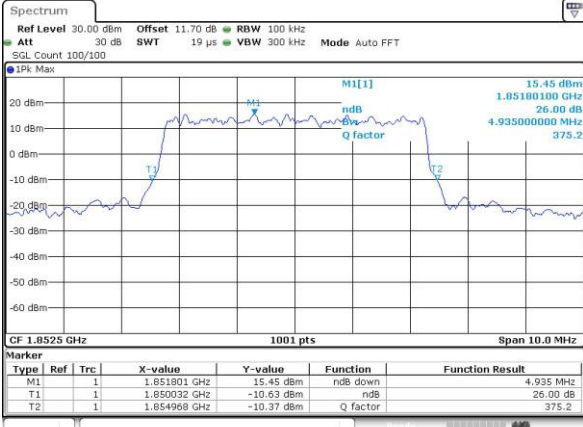


Date: 26\_AUG.2016 06:07:46



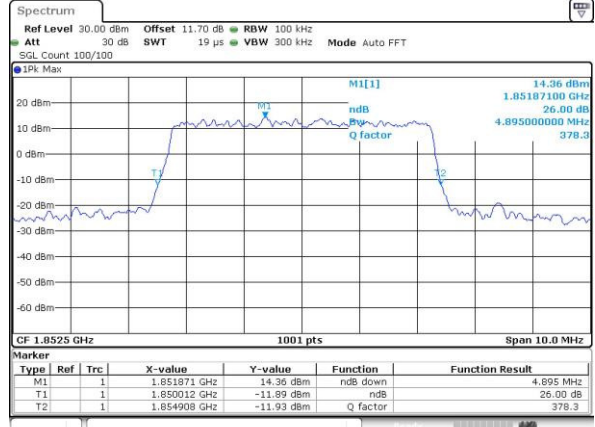
LTE Band 2

Lowest Channel / 5MHz / QPSK



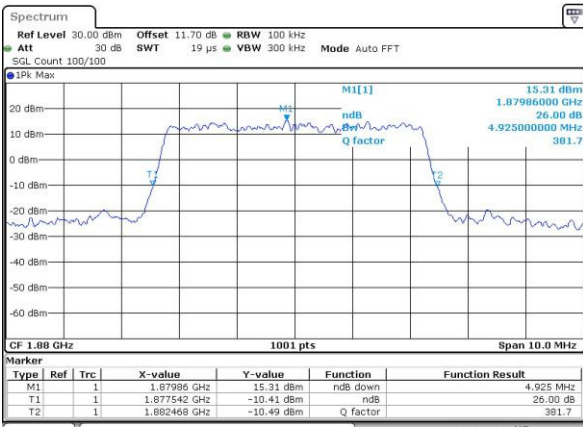
Date: 26\_AUG.2016 06:14:58

Lowest Channel / 5MHz / 16QAM



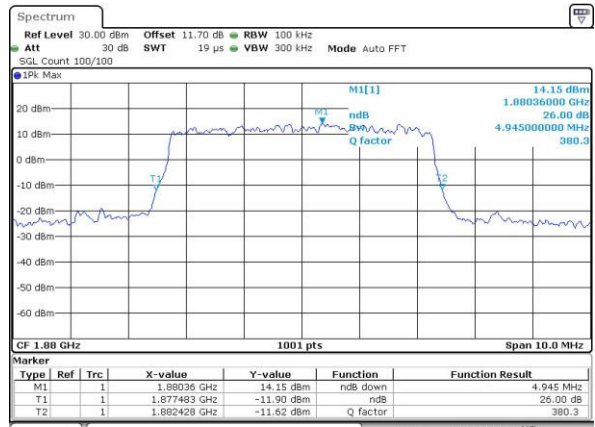
Date: 26\_AUG.2016 06:15:09

Middle Channel / 5MHz / QPSK



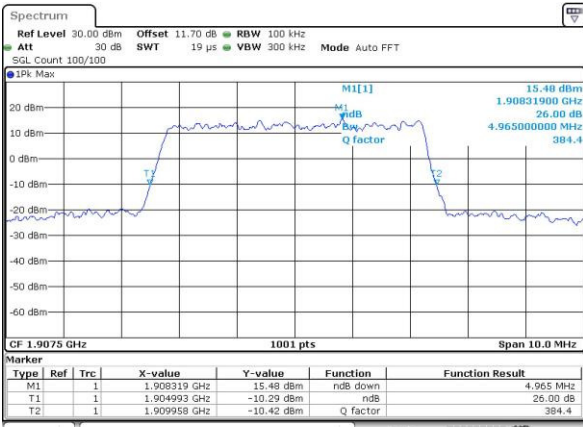
Date: 26\_AUG.2016 06:22:21

Middle Channel / 5MHz / 16QAM



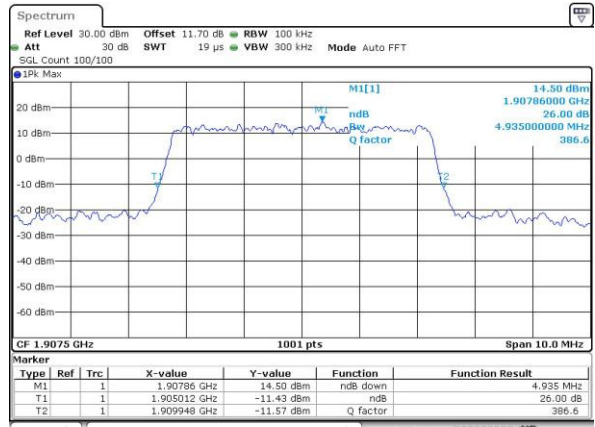
Date: 26\_AUG.2016 06:22:32

Highest Channel / 5MHz / QPSK



Date: 26\_AUG.2016 06:25:04

Highest Channel / 5MHz / 16QAM

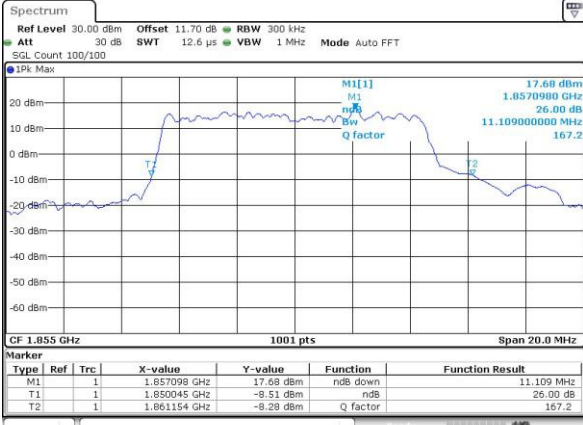


Date: 26\_AUG.2016 06:25:16



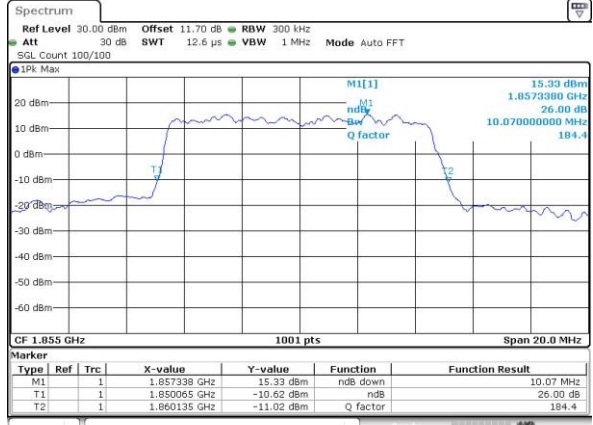
LTE Band 2

Lowest Channel / 10MHz / QPSK



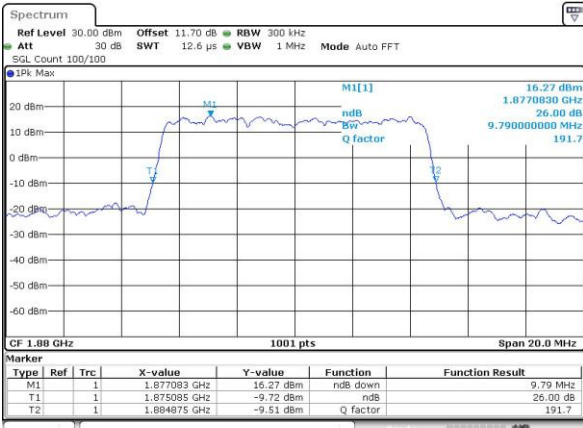
Date: 26\_AUG.2016 06:13:27

Lowest Channel / 10MHz / 16QAM



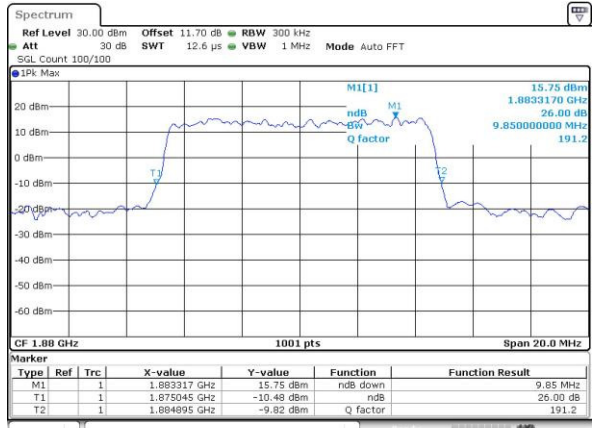
Date: 26\_AUG.2016 06:13:39

Middle Channel / 10MHz / QPSK



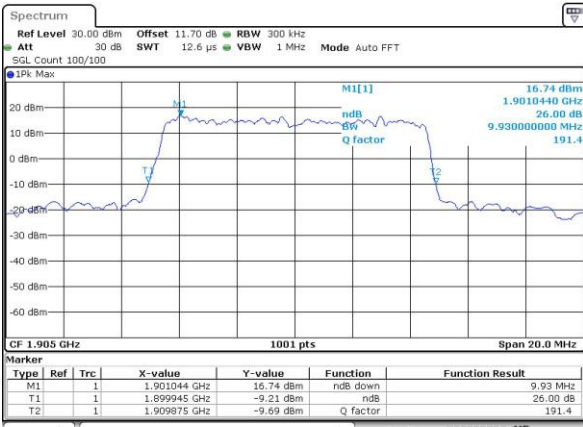
Date: 26\_AUG.2016 06:13:50

Middle Channel / 10MHz / 16QAM



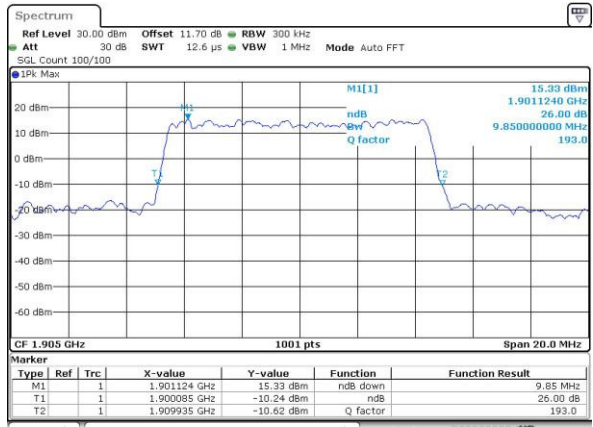
Date: 26\_AUG.2016 06:14:02

Highest Channel / 10MHz / QPSK



Date: 26\_AUG.2016 06:14:14

Highest Channel / 10MHz / 16QAM



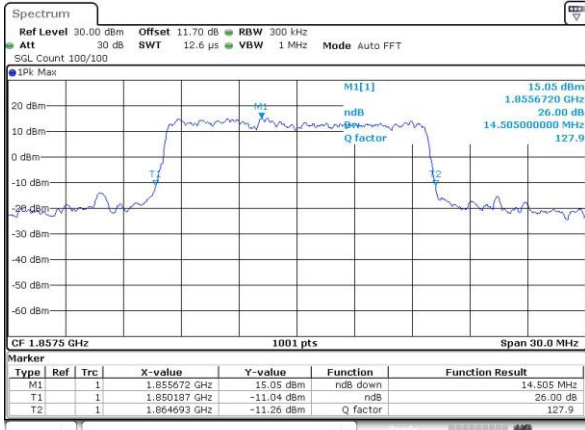
Date: 26\_AUG.2016 06:14:15





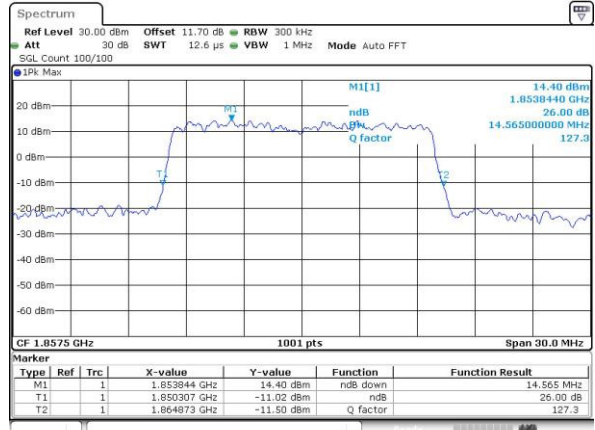
LTE Band 2

Lowest Channel / 15MHz / QPSK



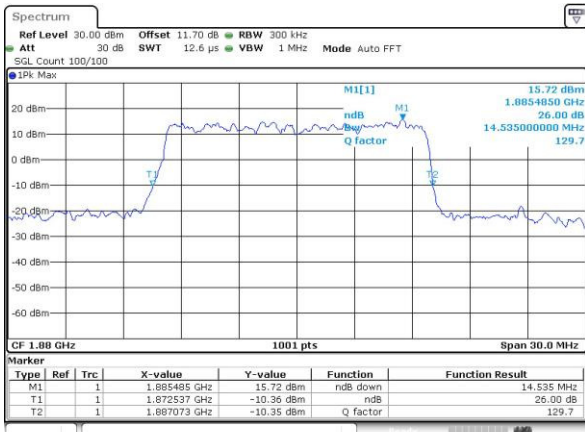
Date: 26\_AUG.2016 06:49:56

Lowest Channel / 15MHz / 16QAM



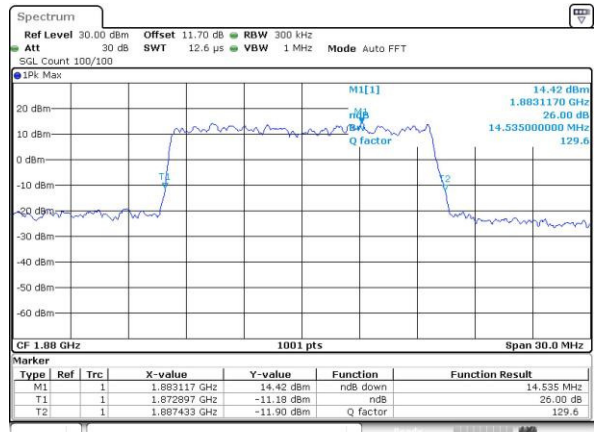
Date: 26\_AUG.2016 06:50:08

Middle Channel / 15MHz / QPSK



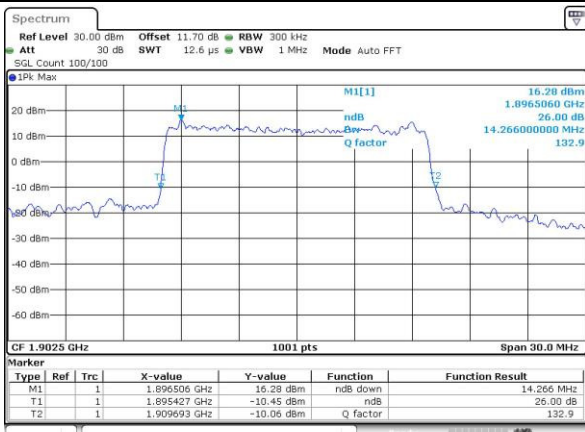
Date: 26\_AUG.2016 06:57:19

Middle Channel / 15MHz / 16QAM



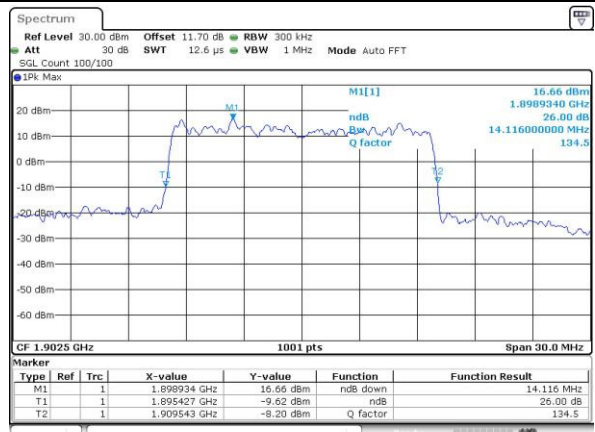
Date: 26\_AUG.2016 06:57:30

Highest Channel / 15MHz / QPSK



Date: 26\_AUG.2016 07:00:02

Highest Channel / 15MHz / 16QAM

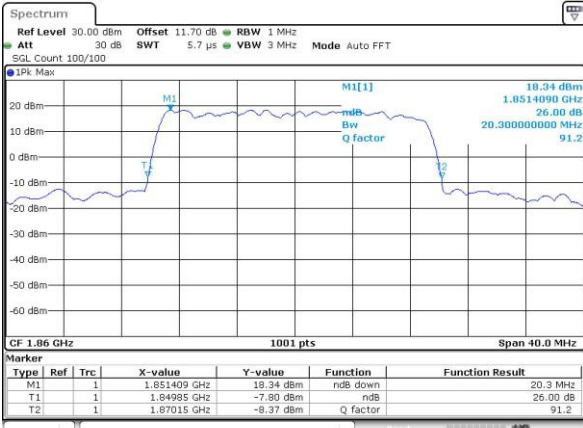


Date: 26\_AUG.2016 07:00:14



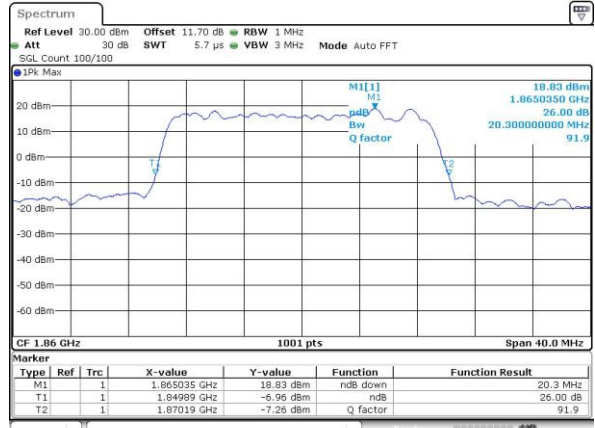
LTE Band 2

Lowest Channel / 20MHz / QPSK



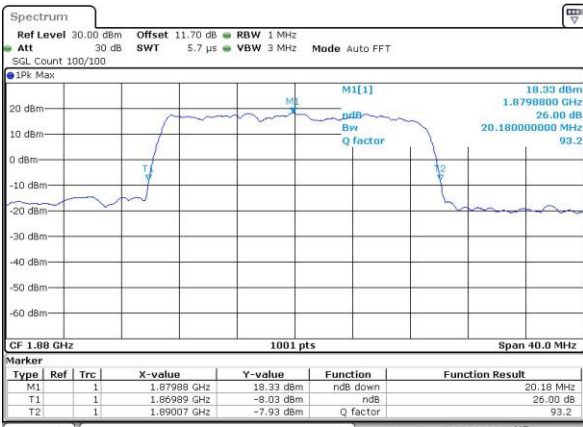
Date: 26\_AUG.2016 07:07:124

Lowest Channel / 20MHz / 16QAM



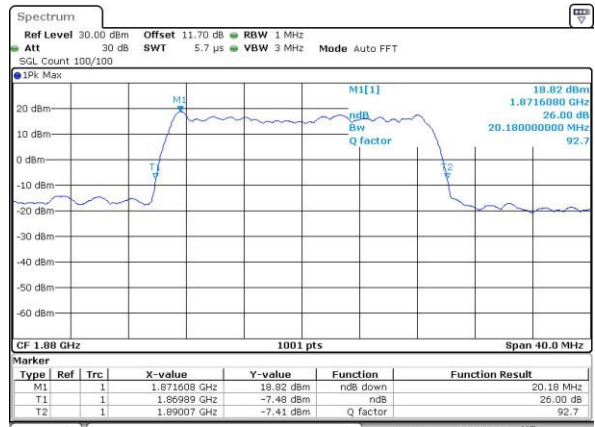
Date: 26\_AUG.2016 07:107:136

Middle Channel / 20MHz / QPSK



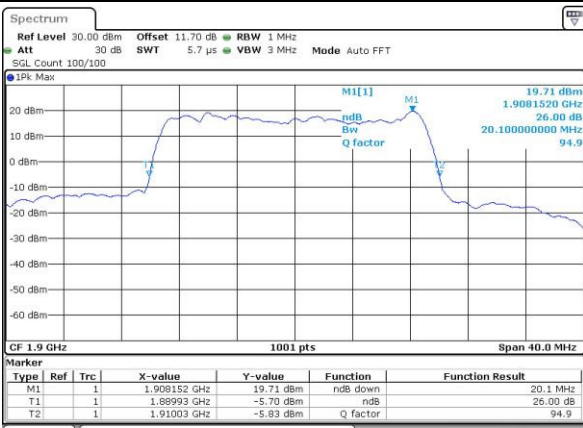
Date: 26\_AUG.2016 07:114:46

Middle Channel / 20MHz / 16QAM



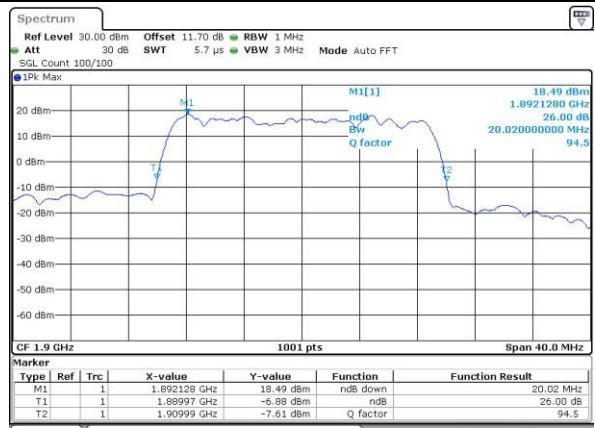
Date: 26\_AUG.2016 07:114:58

Highest Channel / 20MHz / QPSK



Date: 26\_AUG.2016 07:117:130

Highest Channel / 20MHz / 16QAM



Date: 26\_AUG.2016 07:117:142



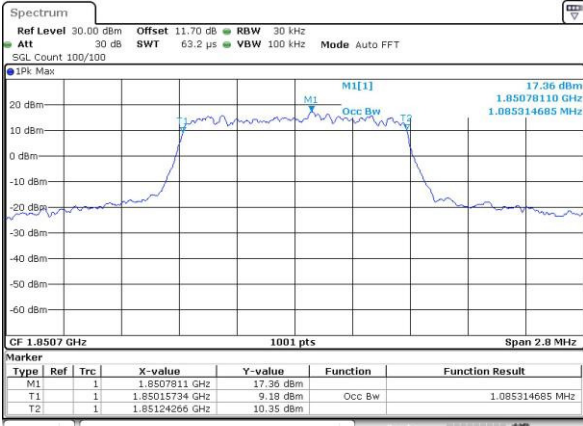
### Occupied Bandwidth

Mode	LTE Band 2 : 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	1.09	2.7	2.7	4.5	4.49	9.01	9.05	13.49	13.46	18.3	18.62
Middle CH	1.09	1.09	2.72	2.73	4.5	4.49	9.13	9.07	13.49	13.43	18.42	18.42
Highest CH	1.1	1.1	2.72	2.73	4.49	4.48	9.07	9.03	13.46	13.49	18.46	18.46



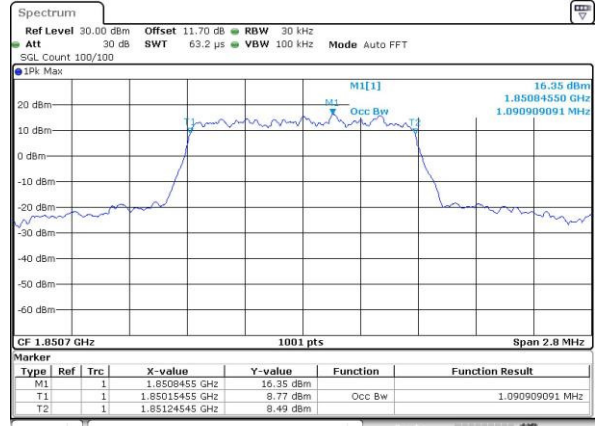
LTE Band 2

Lowest Channel / 1.4MHz / QPSK



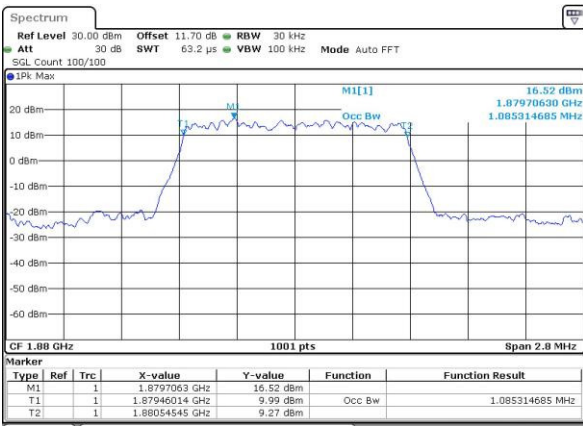
Date: 26.AUG.2016 07:24:29

Lowest Channel / 1.4MHz / 16QAM



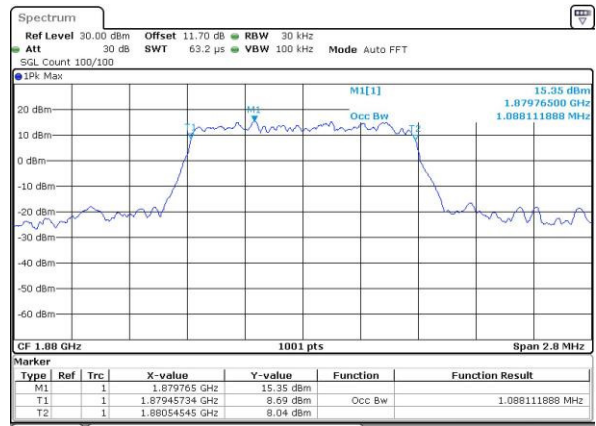
Date: 26.AUG.2016 07:24:41

Middle Channel / 1.4MHz / QPSK



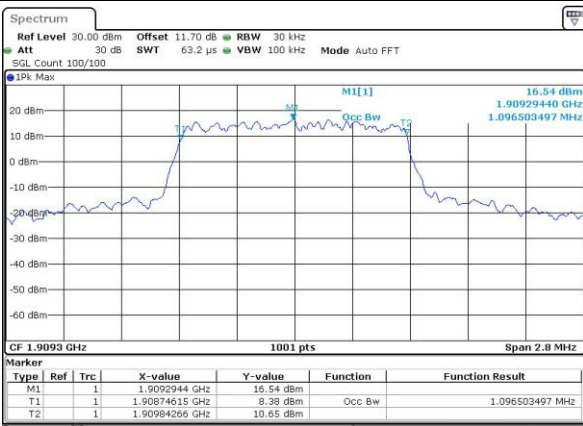
Date: 26.AUG.2016 07:31:51

Middle Channel / 1.4MHz / 16QAM



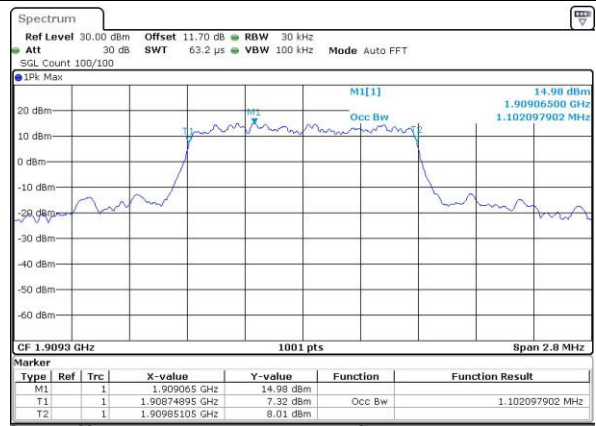
Date: 26.AUG.2016 07:32:03

Highest Channel / 1.4MHz / QPSK



Date: 26.AUG.2016 07:34:35

Highest Channel / 1.4MHz / 16QAM

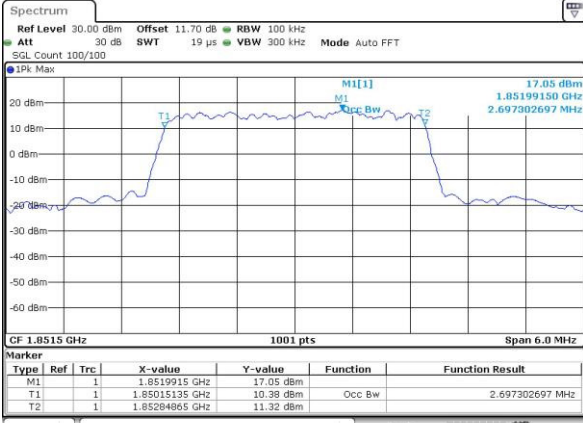


Date: 26.AUG.2016 07:34:47



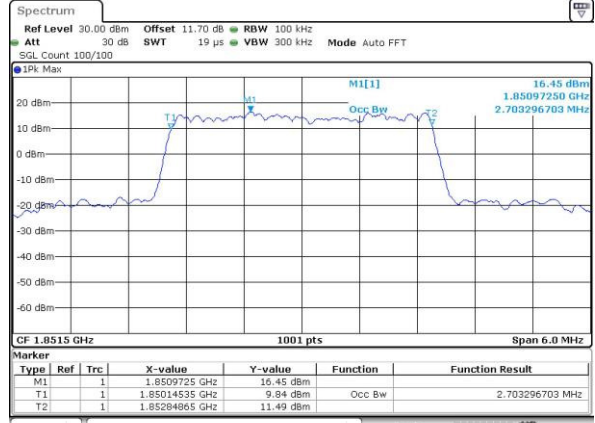
LTE Band 2

Lowest Channel / 3MHz / QPSK



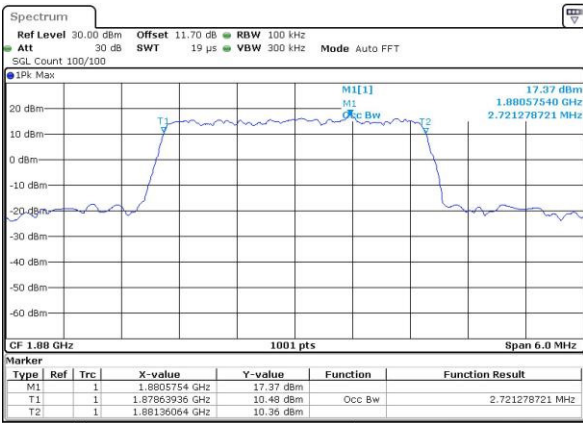
Date: 26\_AUG.2016 05:57:03

Lowest Channel / 3MHz / 16QAM



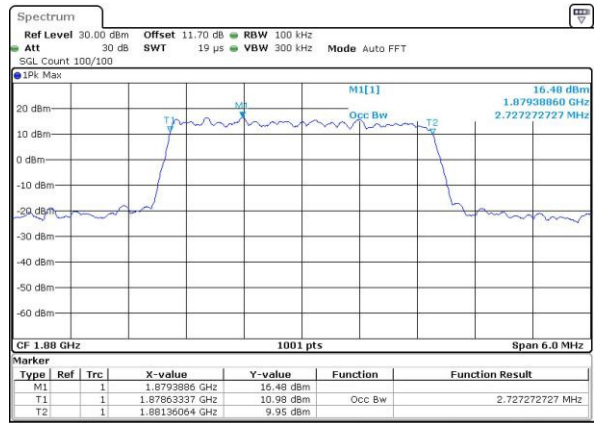
Date: 26\_AUG.2016 05:57:15

Middle Channel / 3MHz / QPSK



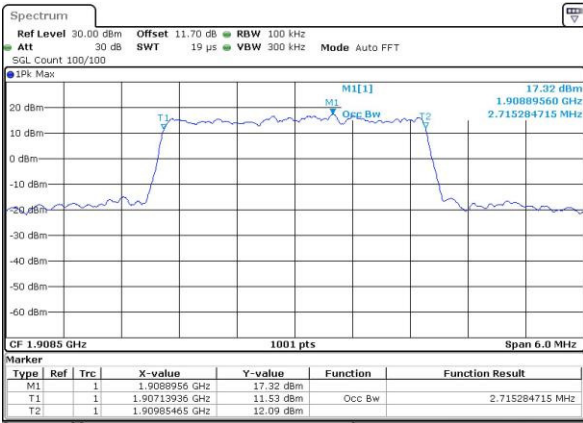
Date: 26\_AUG.2016 06:04:27

Middle Channel / 3MHz / 16QAM



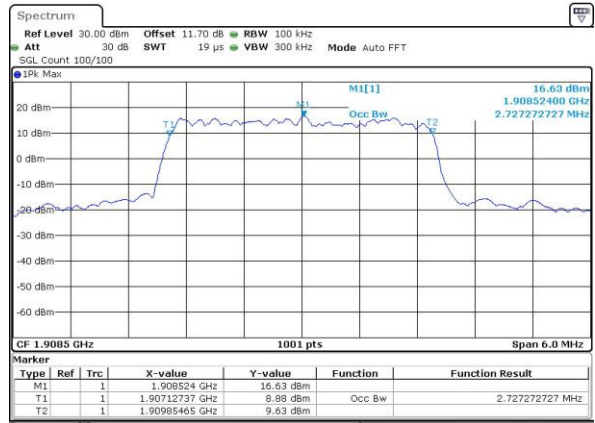
Date: 26\_AUG.2016 06:04:38

Highest Channel / 3MHz / QPSK



Date: 26\_AUG.2016 06:07:10

Highest Channel / 3MHz / 16QAM

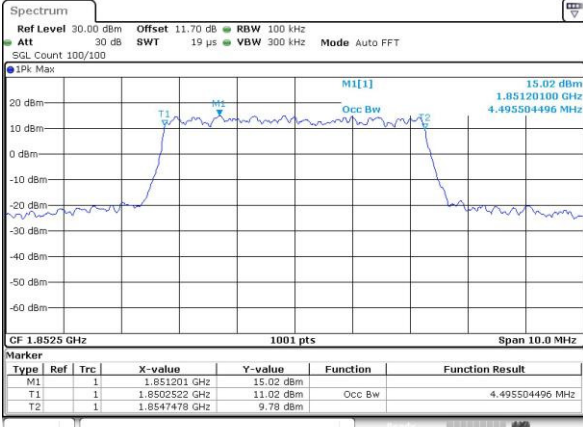


Date: 26\_AUG.2016 06:07:22



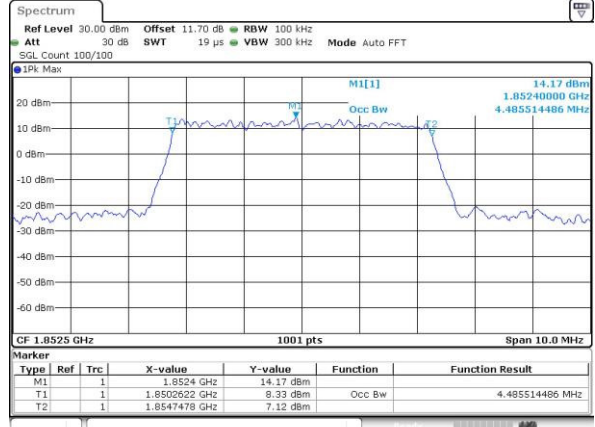
LTE Band 2

Lowest Channel / 5MHz / QPSK



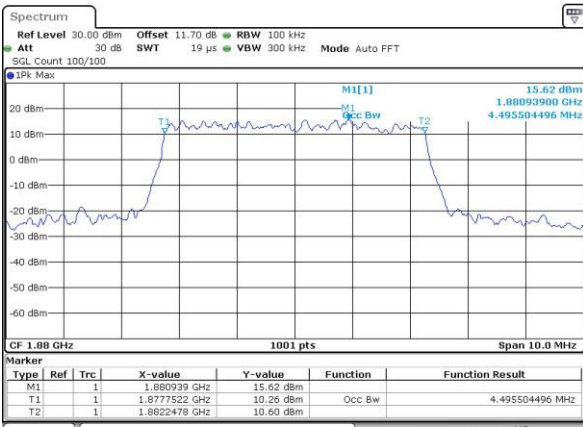
Date: 26\_AUG.2016 06:14:34

Lowest Channel / 5MHz / 16QAM



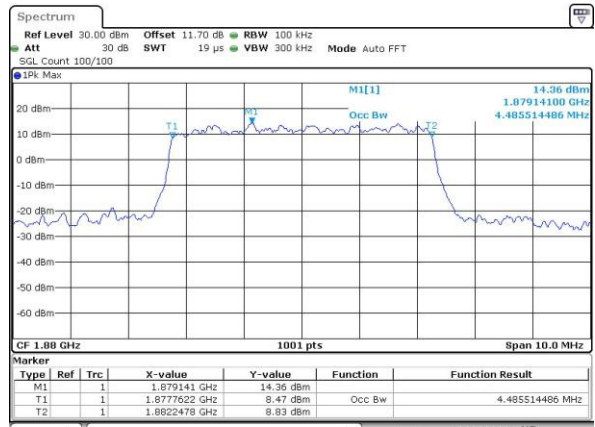
Date: 26\_AUG.2016 06:11:46

Middle Channel / 5MHz / QPSK



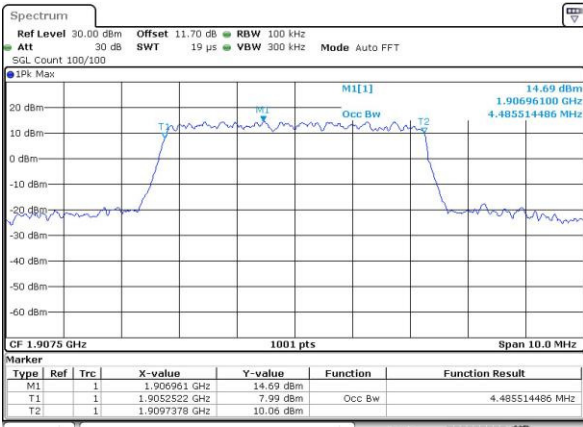
Date: 26\_AUG.2016 07:46:37

Middle Channel / 5MHz / 16QAM



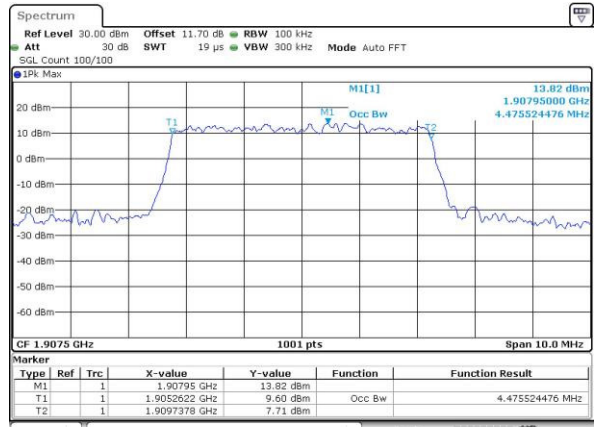
Date: 26\_AUG.2016 06:22:09

Highest Channel / 5MHz / QPSK



Date: 26\_AUG.2016 06:24:41

Highest Channel / 5MHz / 16QAM

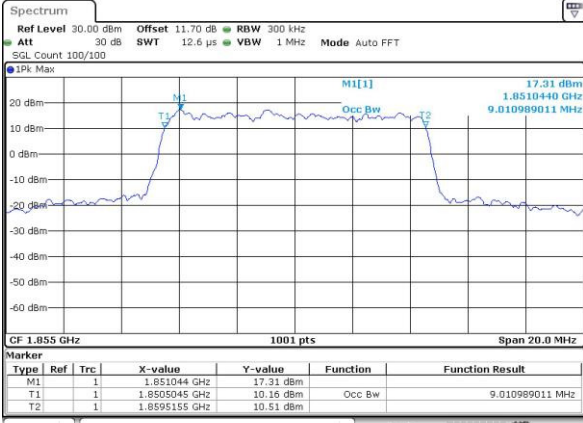


Date: 26\_AUG.2016 06:24:53



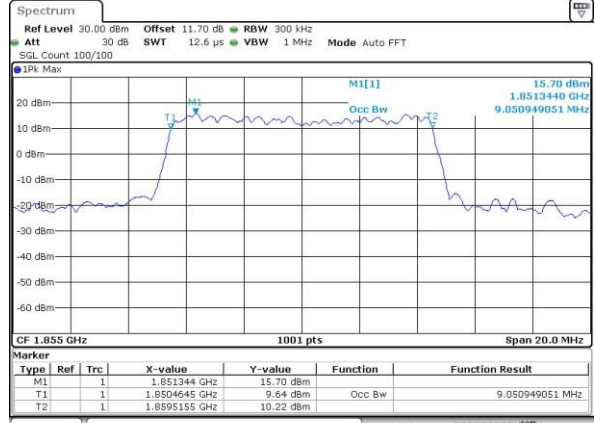
LTE Band 2

Lowest Channel / 10MHz / QPSK



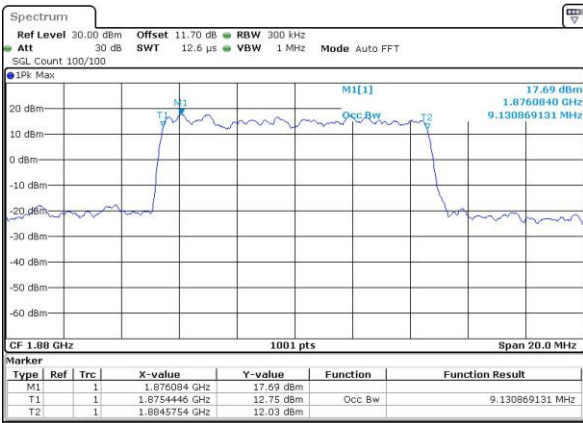
Date: 26\_AUG.2016 06:32:04

Lowest Channel / 10MHz / 16QAM



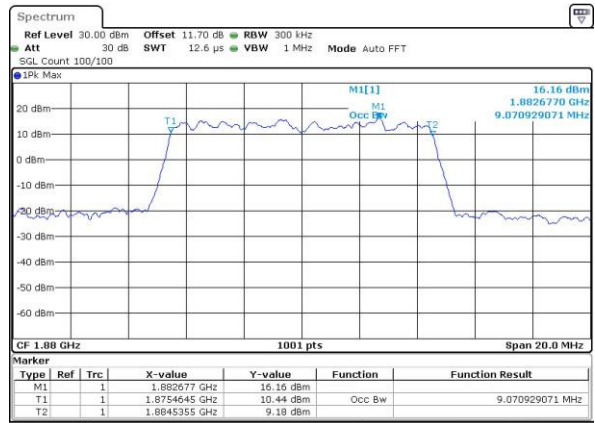
Date: 26\_AUG.2016 06:32:15

Middle Channel / 10MHz / QPSK



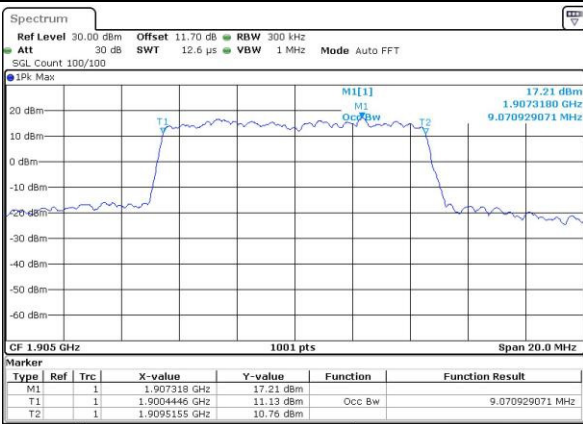
Date: 26\_AUG.2016 06:39:27

Middle Channel / 10MHz / 16QAM



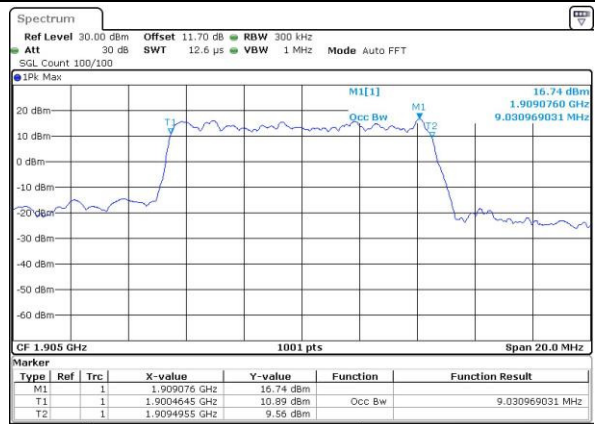
Date: 26\_AUG.2016 06:39:38

Highest Channel / 10MHz / QPSK



Date: 26\_AUG.2016 06:42:10

Highest Channel / 10MHz / 16QAM

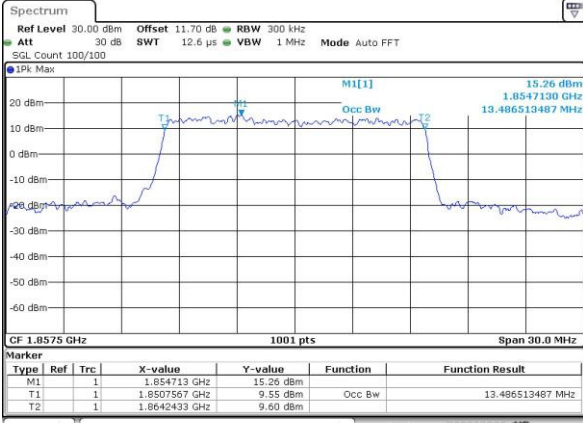


Date: 26\_AUG.2016 06:42:22



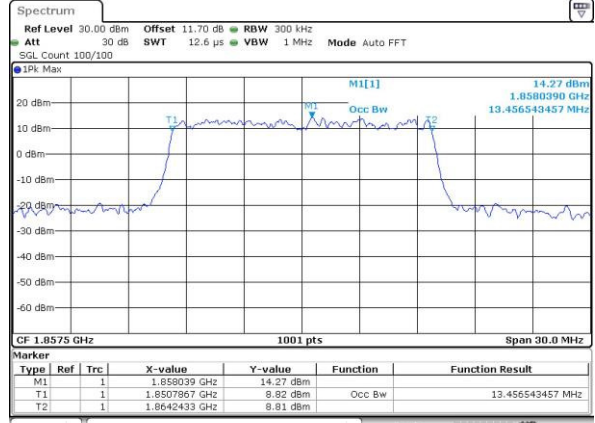
LTE Band 2

Lowest Channel / 15MHz / QPSK



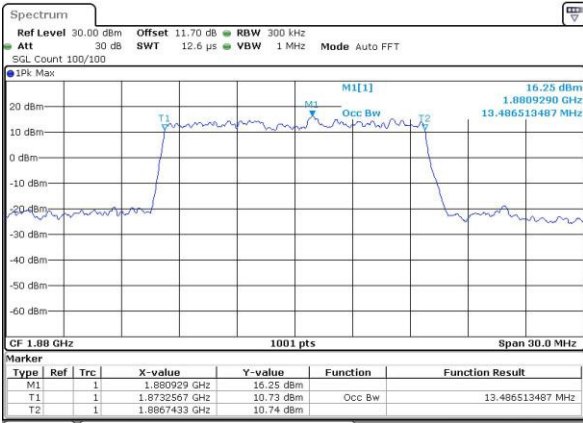
Date: 26\_AUG.2016 06:49:33

Lowest Channel / 15MHz / 16QAM



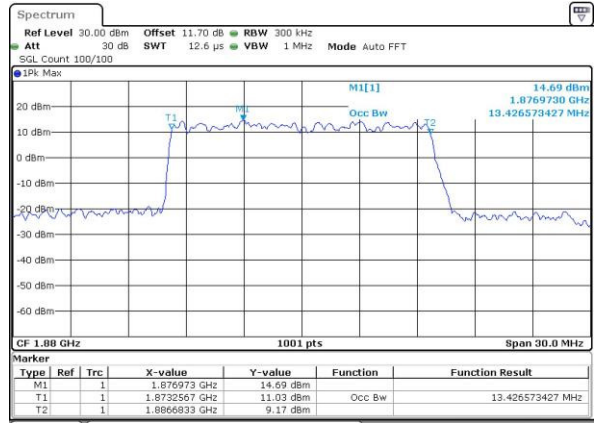
Date: 26\_AUG.2016 06:49:44

Middle Channel / 15MHz / QPSK



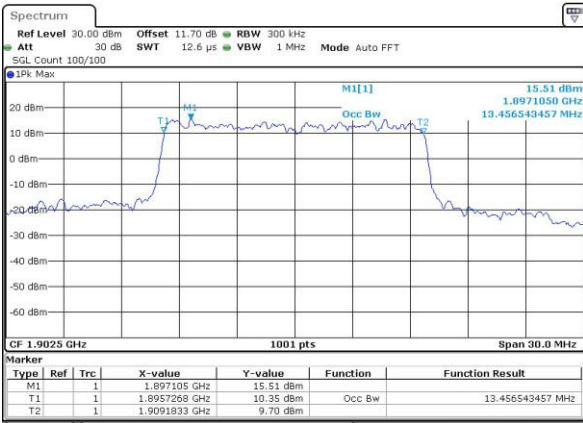
Date: 26\_AUG.2016 06:56:55

Middle Channel / 15MHz / 16QAM



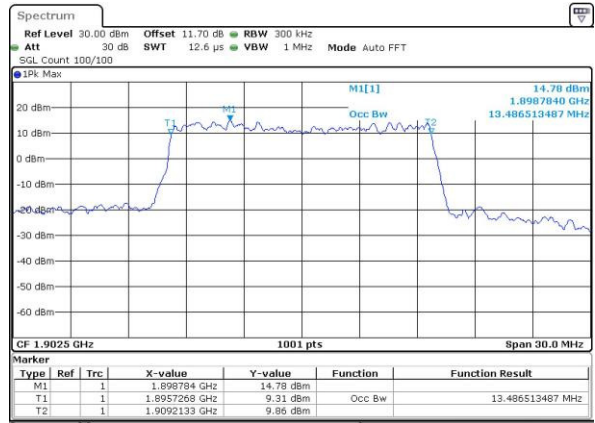
Date: 26\_AUG.2016 06:57:07

Highest Channel / 15MHz / QPSK



Date: 26\_AUG.2016 06:59:39

Highest Channel / 15MHz / 16QAM



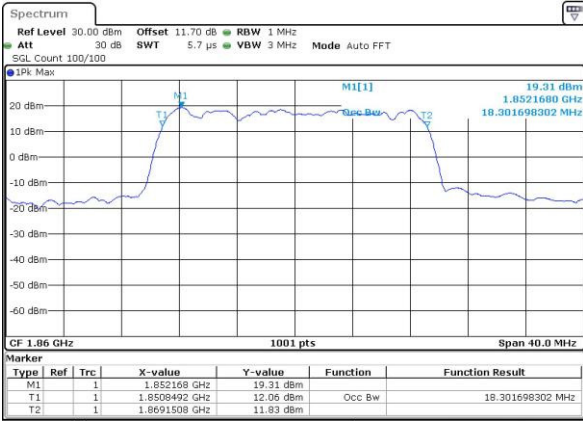
Date: 26\_AUG.2016 06:59:50





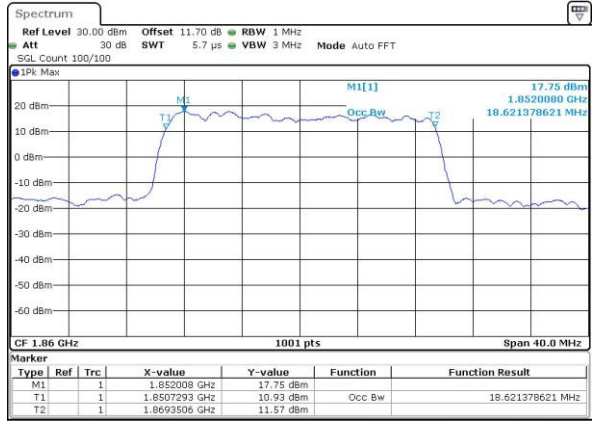
LTE Band 2

Lowest Channel / 20MHz / QPSK



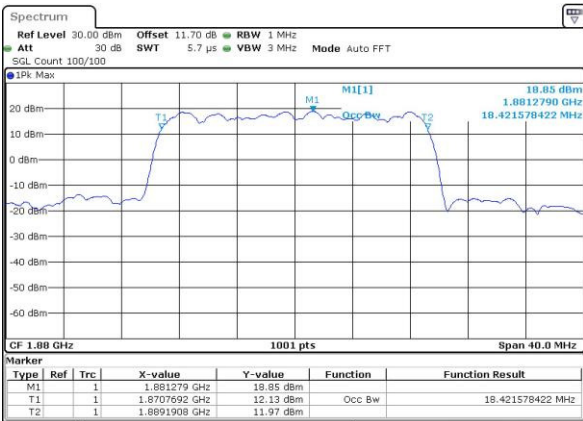
Date: 26\_AUG.2016 07:07:01

Lowest Channel / 20MHz / 16QAM



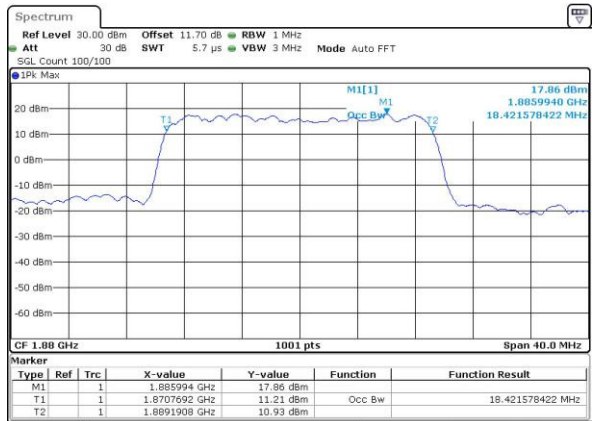
Date: 26\_AUG.2016 07:10:12

Middle Channel / 20MHz / QPSK



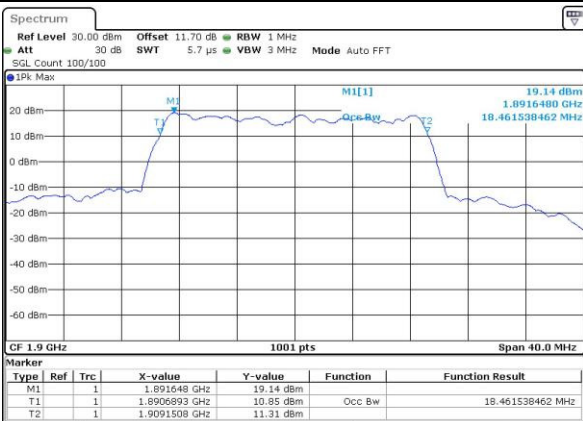
Date: 26\_AUG.2016 07:14:23

Middle Channel / 20MHz / 16QAM



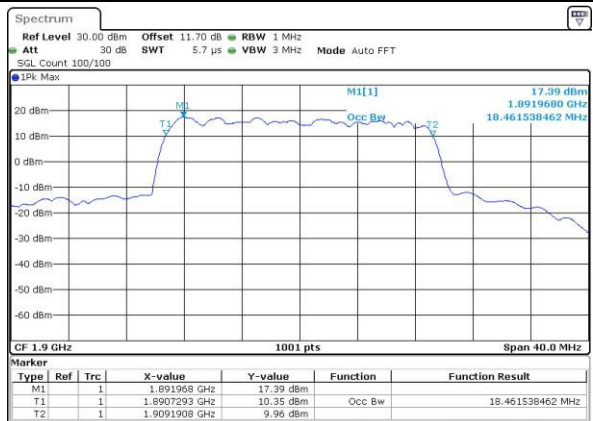
Date: 26\_AUG.2016 07:14:35

Highest Channel / 20MHz / QPSK



Date: 26\_AUG.2016 07:17:07

Highest Channel / 20MHz / 16QAM



Date: 26\_AUG.2016 07:17:18

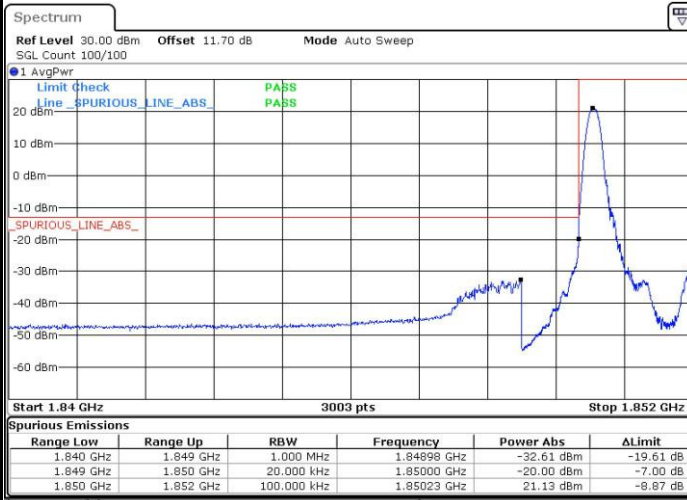


**Conducted Band Edge**



LTE Band 2 / 1.4MHz / QPSK

Lowest Band Edge / 1RB



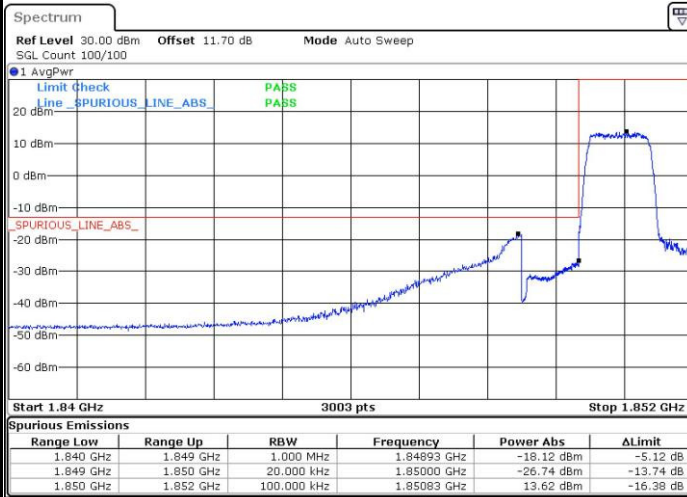
Date: 26.AUG.2016 07:26:14

Highest Band Edge / 1RB



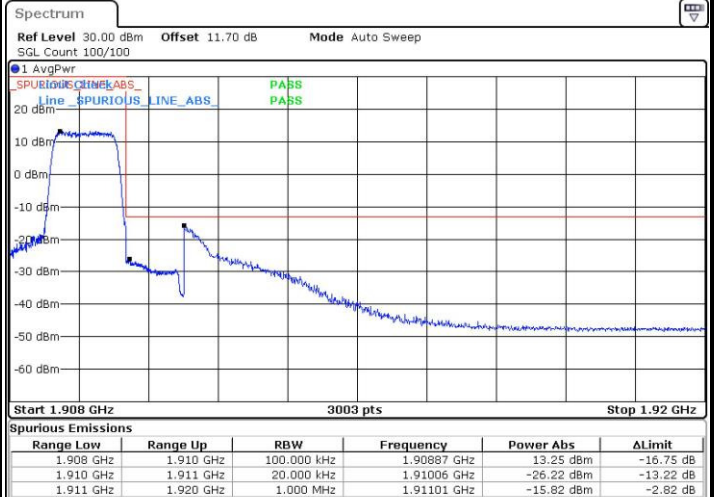
Date: 26.AUG.2016 07:36:20

Lowest Band Edge / Full RB



Date: 26.AUG.2016 07:28:33

Highest Band Edge / Full RB

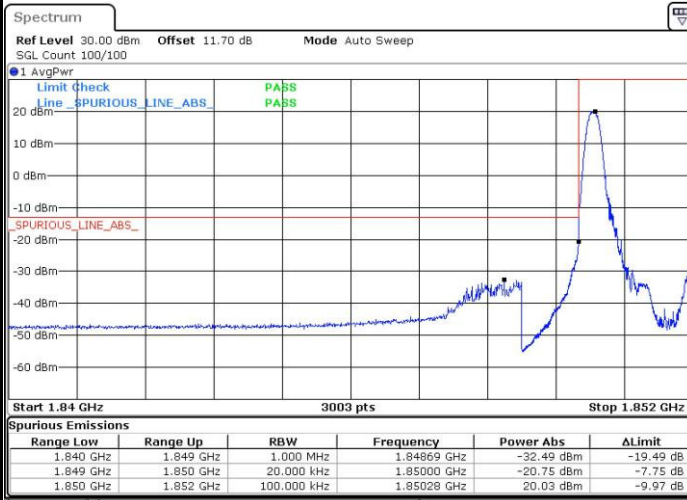


Date: 26.AUG.2016 07:38:39



LTE Band 2 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



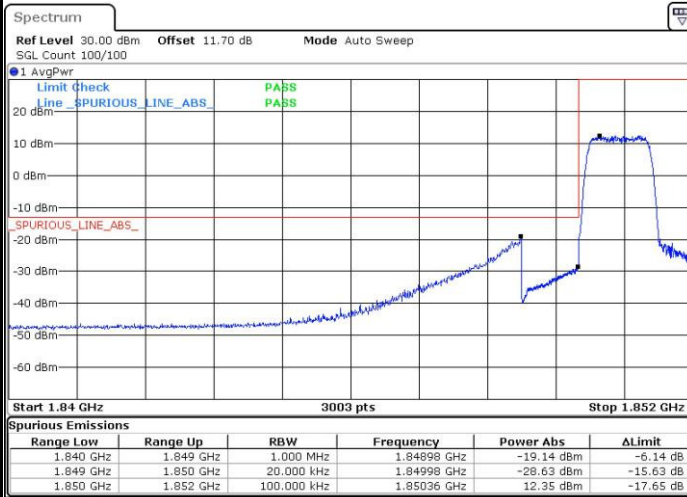
Date: 26.AUG.2016 07:27:24

Highest Band Edge / 1 RB



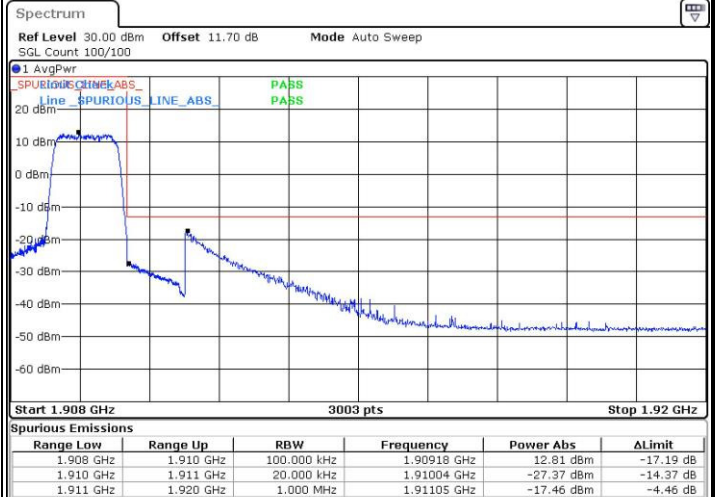
Date: 26.AUG.2016 07:37:29

Lowest Band Edge / Full RB



Date: 26.AUG.2016 07:29:43

Highest Band Edge / Full RB

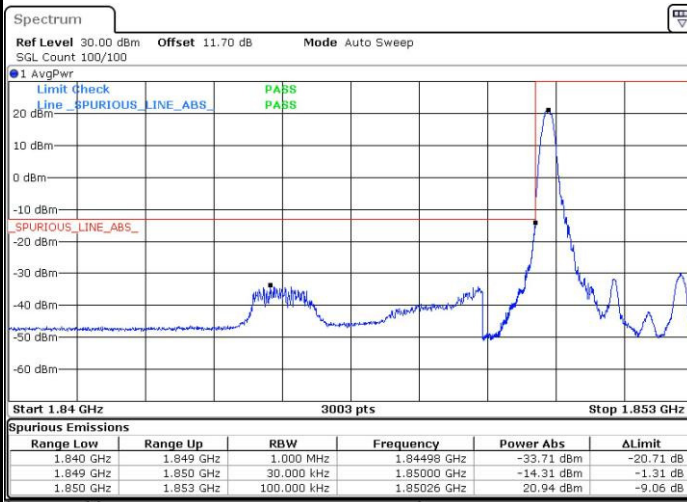


Date: 26.AUG.2016 07:39:48



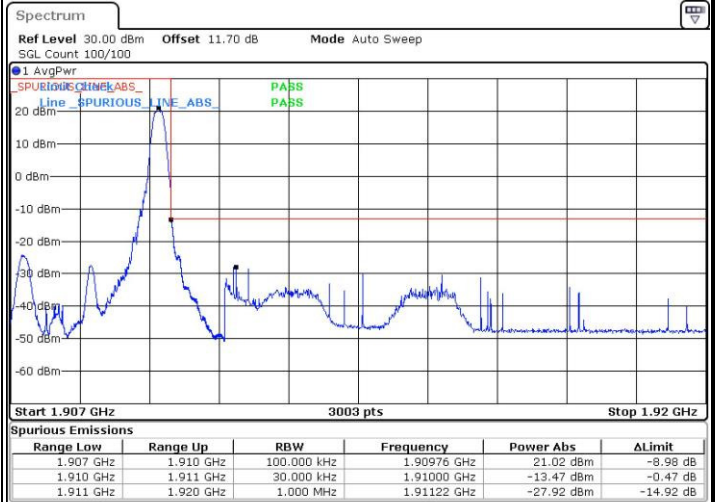
LTE Band 2 / 3MHz / QPSK

Lowest Band Edge / 1RB



Date: 26.AUG.2016 05:58:49

Highest Band Edge / 1 RB



Date: 26.AUG.2016 06:08:56

Lowest Band Edge / Full RB



Date: 26.AUG.2016 06:01:09

Highest Band Edge / Full RB



Date: 26.AUG.2016 06:11:16