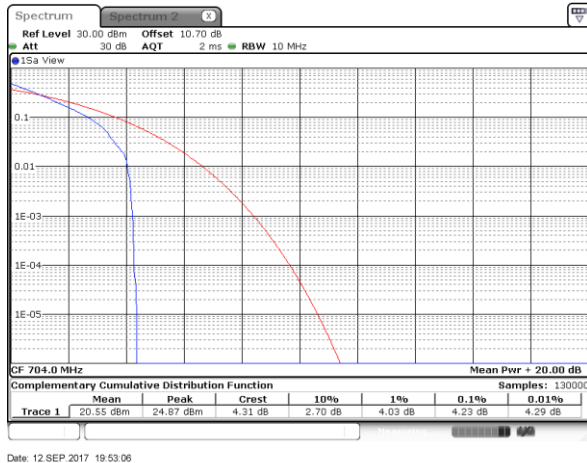
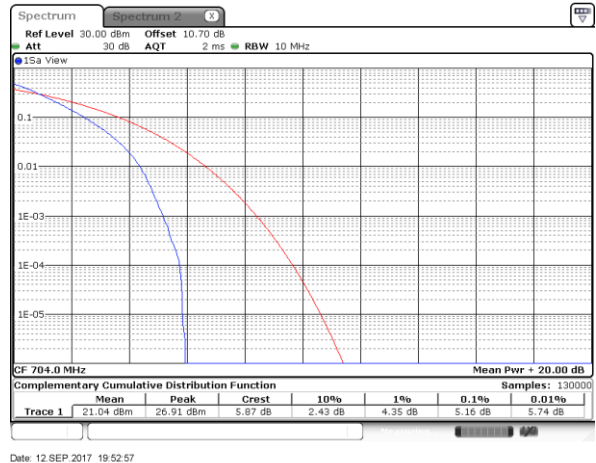
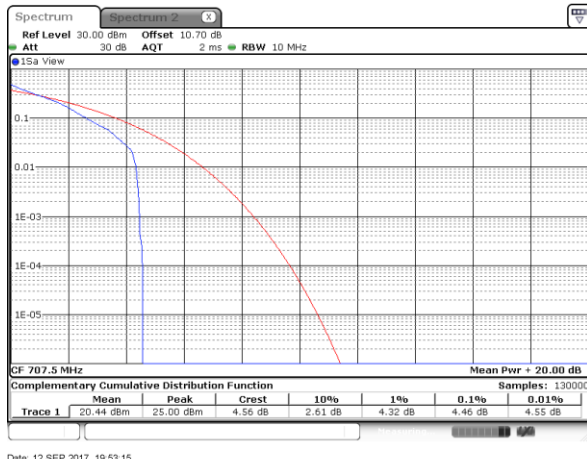


LTE Band 12 / 10MHz / QPSK
Lowest Channel / 1RB


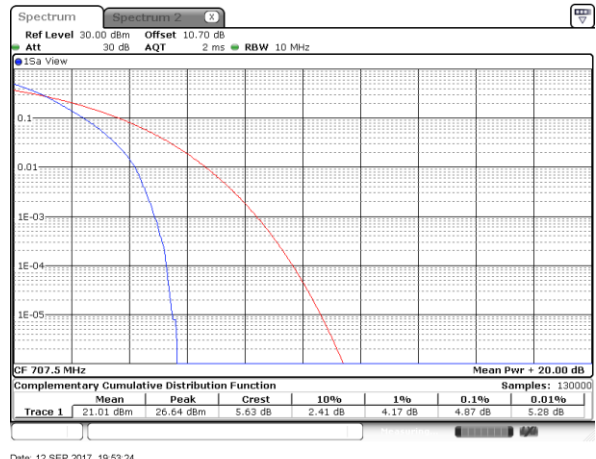
Date: 12 SEP 2017 19:53:06

Lowest Channel / Full RB


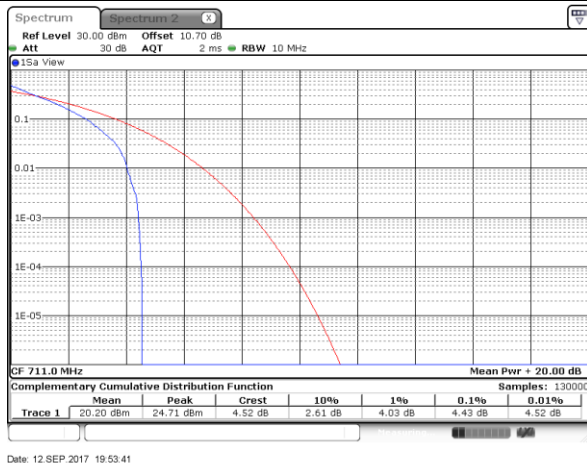
Date: 12 SEP 2017 19:52:57

Middle Channel / 1RB


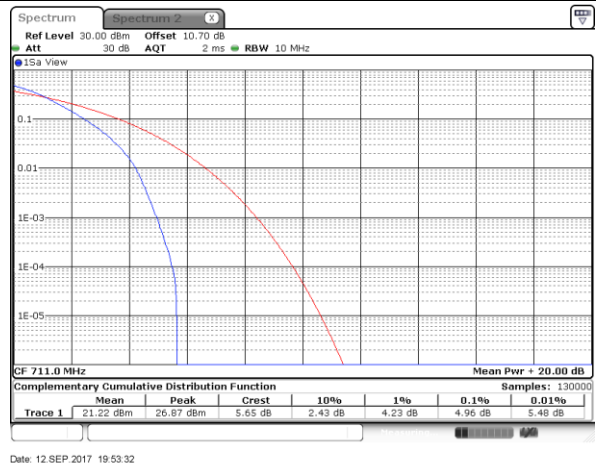
Date: 12 SEP 2017 19:53:15

Middle Channel / Full RB


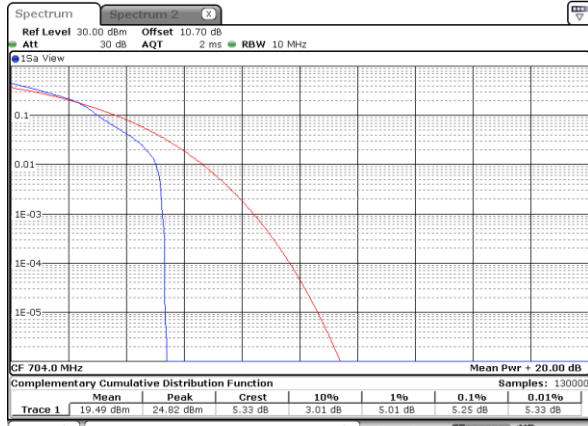
Date: 12 SEP 2017 19:53:24

Highest Channel / 1RB


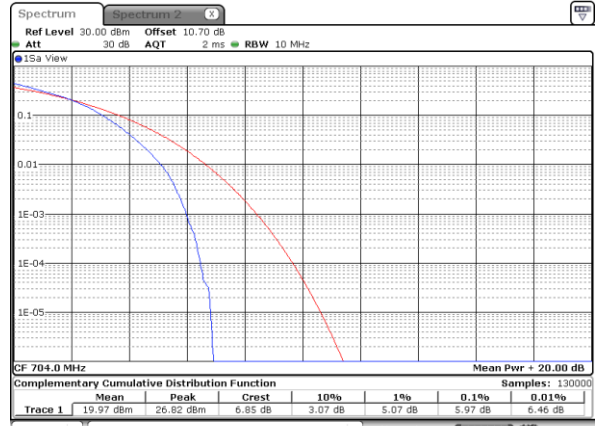
Date: 12 SEP 2017 19:53:41

Highest Channel / Full RB


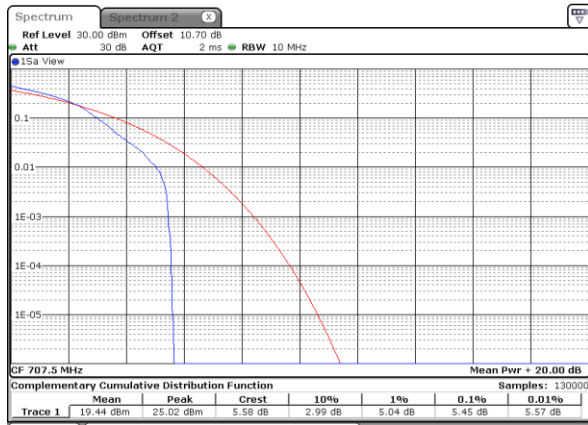
Date: 12 SEP 2017 19:53:32

LTE Band 12 / 10MHz / 16QAM
Lowest Channel / 1RB


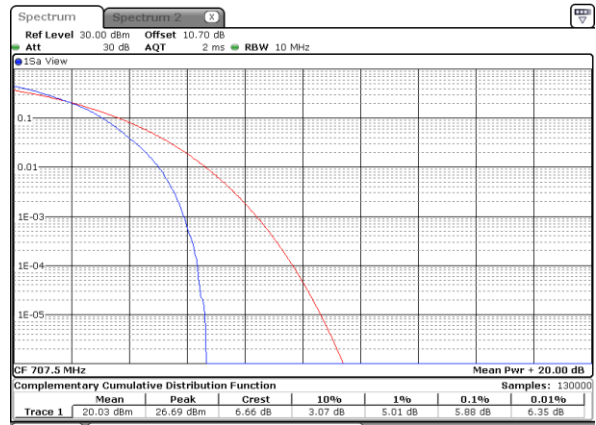
Date: 12 SEP 2017 19:52:12

Lowest Channel / Full RB


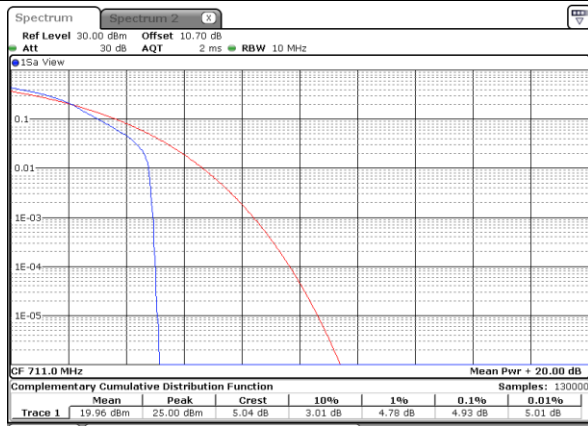
Date: 12 SEP 2017 19:51:55

Middle Channel / 1RB


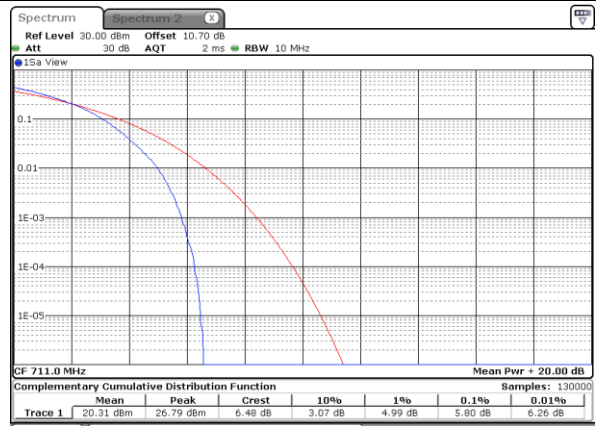
Date: 12 SEP 2017 19:52:20

Middle Channel / Full RB


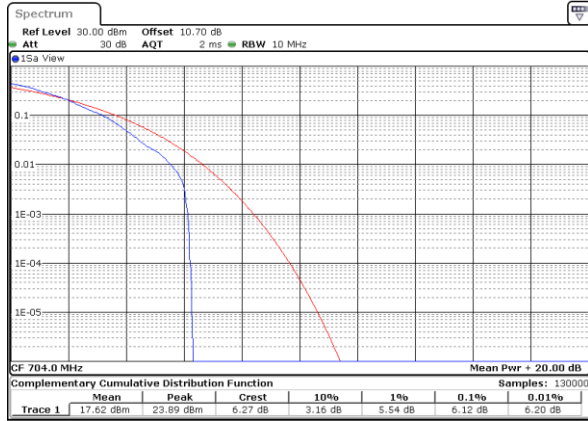
Date: 12 SEP 2017 19:52:29

Highest Channel / 1RB


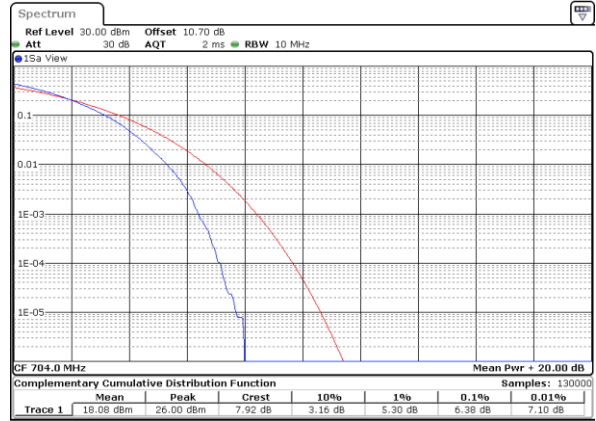
Date: 12 SEP 2017 19:52:46

Highest Channel / Full RB


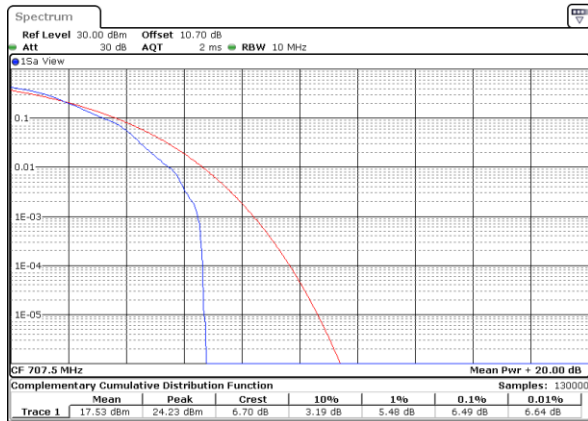
Date: 12 SEP 2017 19:52:37

LTE Band 12 / 10MHz / 64QAM
Lowest Channel / 1RB


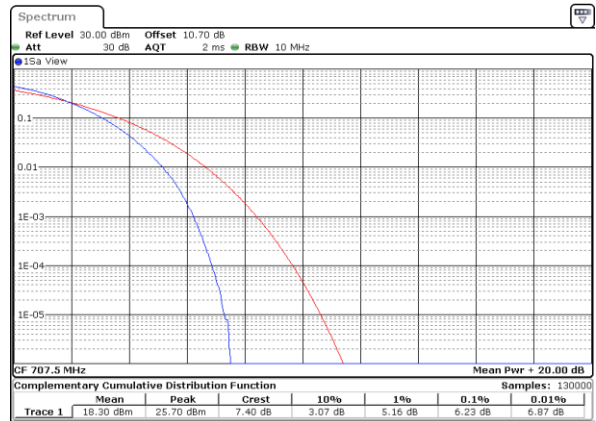
Date: 28 SEP 2017 23:33:33

Lowest Channel / Full RB


Date: 28 SEP 2017 23:31:51

Middle Channel / 1RB


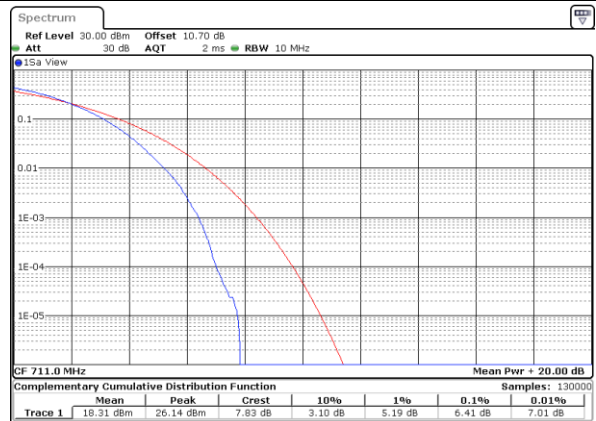
Date: 28 SEP 2017 23:35:18

Middle Channel / Full RB


Date: 28 SEP 2017 23:35:43

Highest Channel / 1RB


Date: 28 SEP 2017 23:37:14

Highest Channel / Full RB


Date: 28 SEP 2017 23:35:51

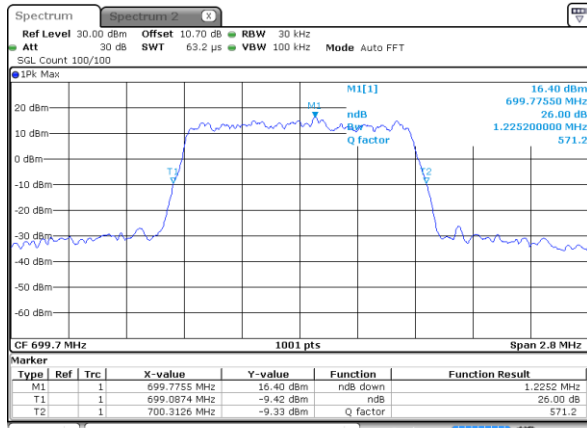
**26dB Bandwidth**

Mode	LTE Band 12 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.23	1.23	3.02	3.04	4.87	4.84	9.79	9.85	-	-	-	-
Middle CH	1.23	1.21	3.00	3.00	4.89	4.87	9.71	9.79	-	-	-	-
Highest CH	1.23	1.23	3.03	3.00	4.92	4.91	9.69	9.75	-	-	-	-
Mode	LTE Band 12 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.24	-	3.02	-	4.89	-	9.77	-	-	-	-	-
Middle CH	1.23	-	2.99	-	4.85	-	9.83	-	-	-	-	-
Highest CH	1.22	-	3.03	-	4.85	-	9.81	-	-	-	-	-



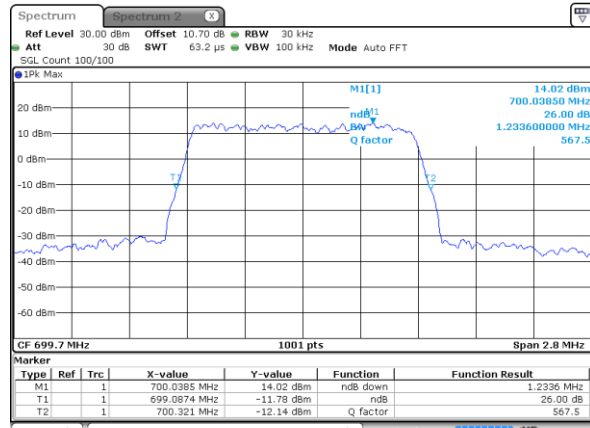
LTE Band 12

Lowest Channel / 1.4MHz / QPSK



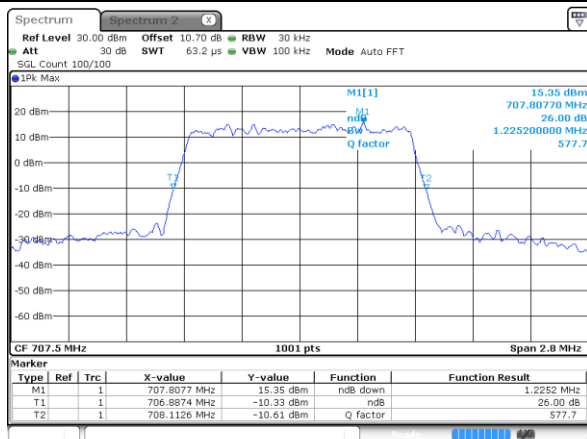
Date: 12 SEP 2017 19:19:33

Lowest Channel / 1.4MHz / 16QAM



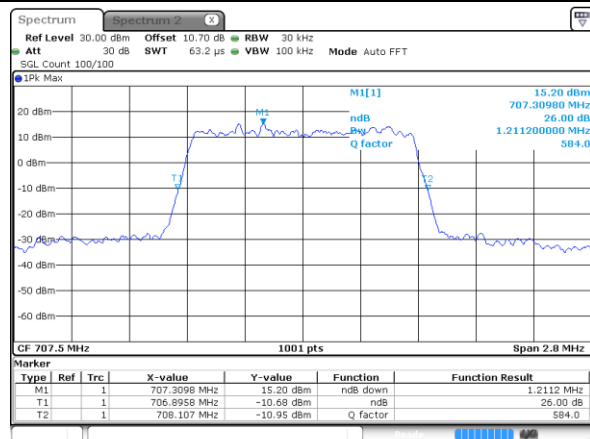
Date: 12 SEP 2017 19:19:23

Middle Channel / 1.4MHz / QPSK



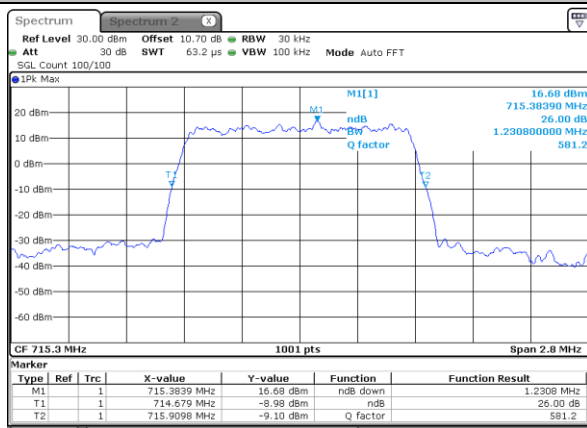
Date: 12 SEP 2017 19:26:25

Middle Channel / 1.4MHz / 16QAM



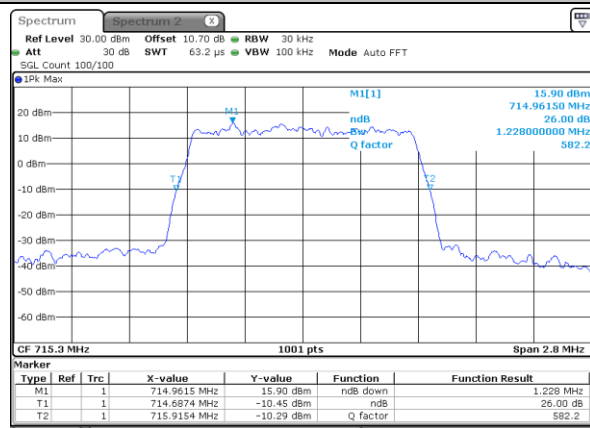
Date: 12 SEP 2017 19:26:35

Highest Channel / 1.4MHz / QPSK



Date: 12 SEP 2017 19:29:03

Highest Channel / 1.4MHz / 16QAM

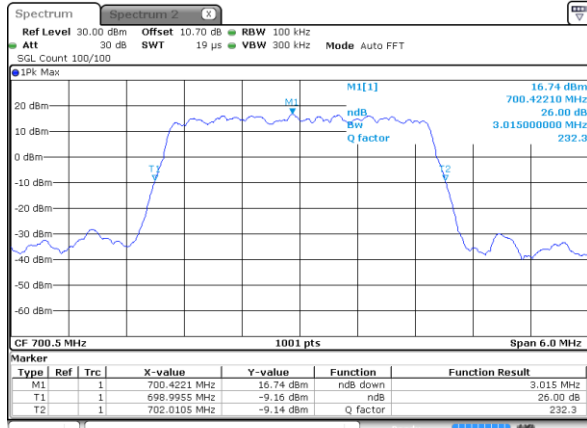


Date: 12 SEP 2017 19:28:53

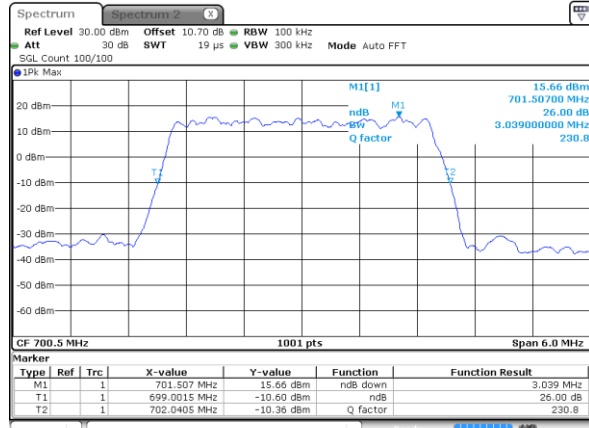


LTE Band 12

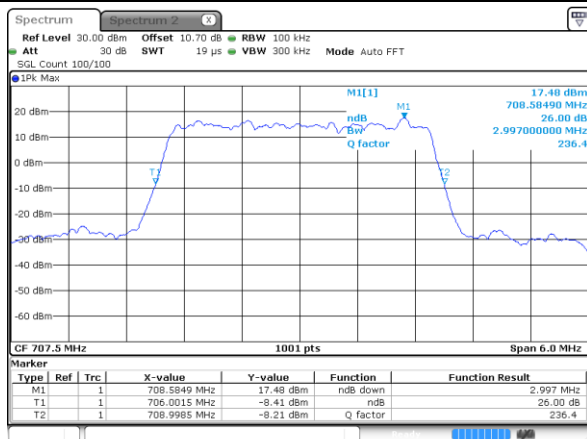
Lowest Channel / 3MHz / QPSK



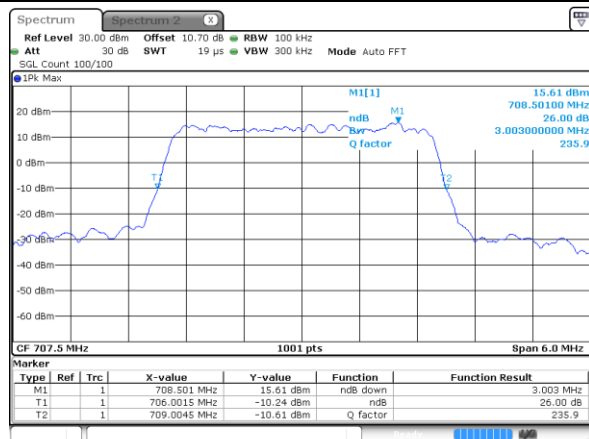
Lowest Channel / 3MHz / 16QAM



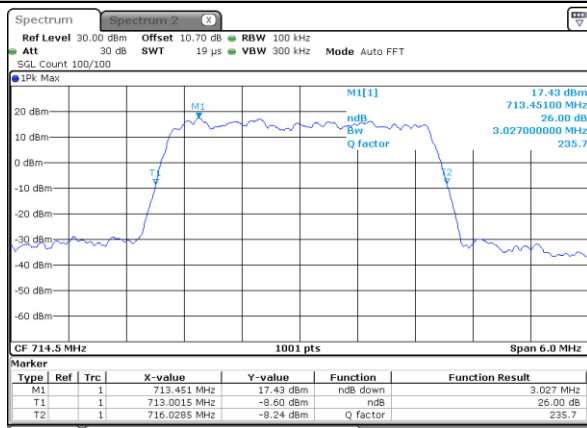
Middle Channel / 3MHz / QPSK



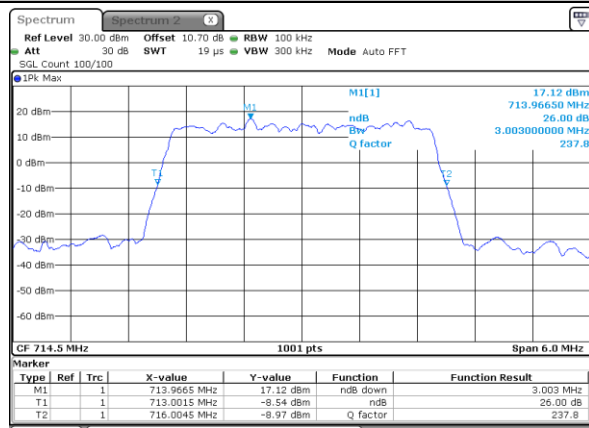
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



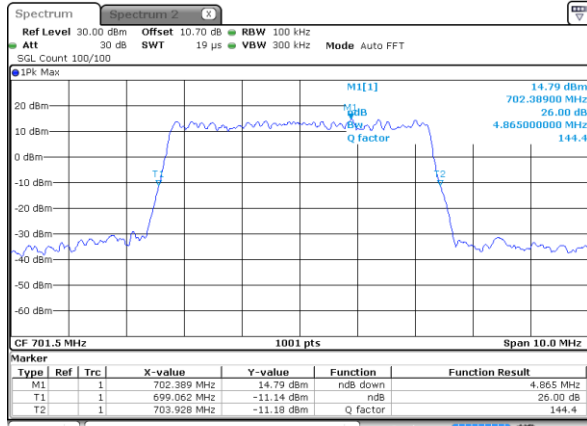
Highest Channel / 3MHz / 16QAM





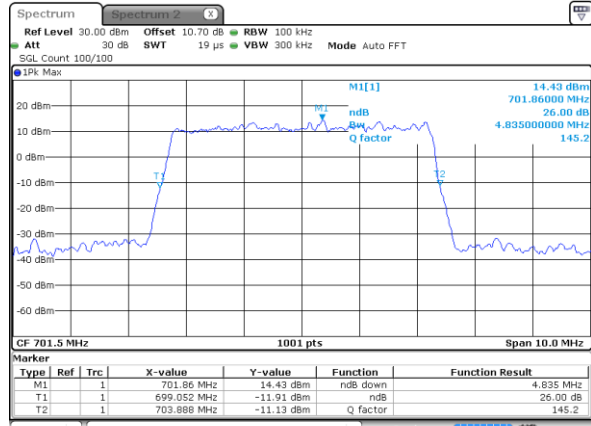
LTE Band 12

Lowest Channel / 5MHz / QPSK



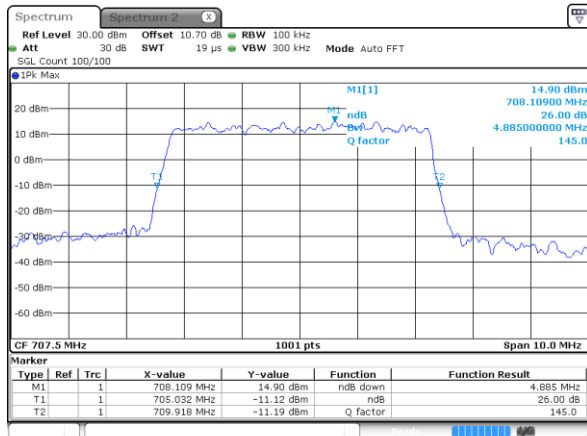
Date: 12 SEP 2017 18:15:12

Lowest Channel / 5MHz / 16QAM



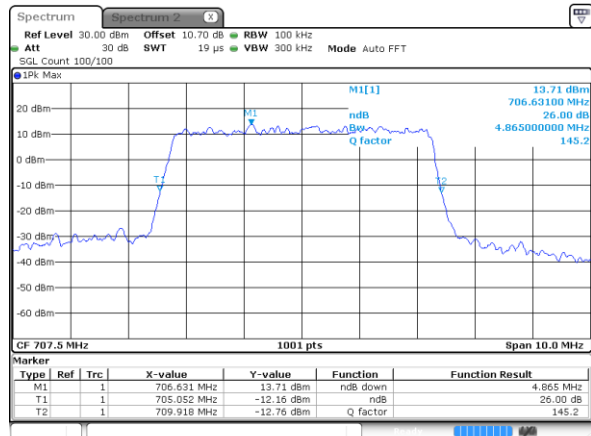
Date: 12 SEP 2017 18:15:02

Middle Channel / 5MHz / QPSK



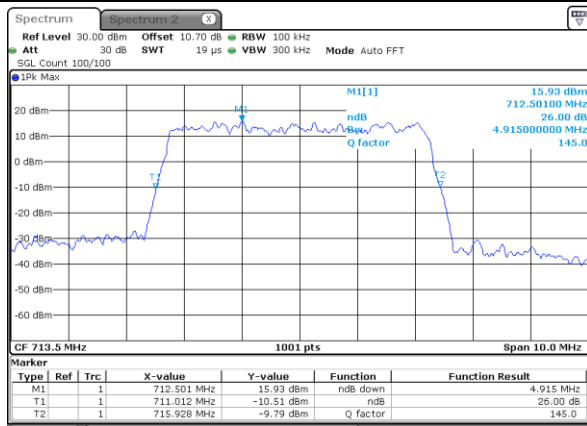
Date: 12 SEP 2017 18:22:04

Middle Channel / 5MHz / 16QAM



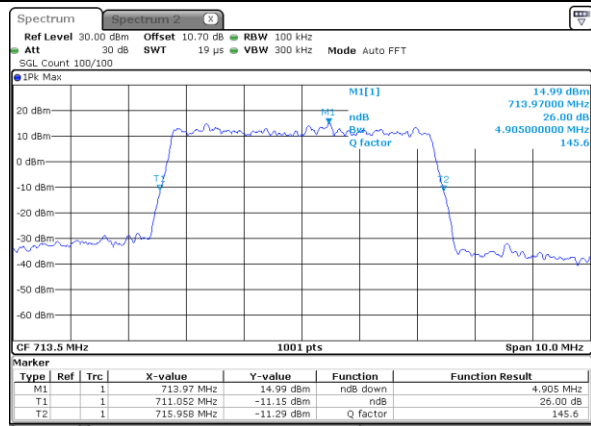
Date: 12 SEP 2017 18:22:14

Highest Channel / 5MHz / QPSK



Date: 12 SEP 2017 18:24:42

Highest Channel / 5MHz / 16QAM

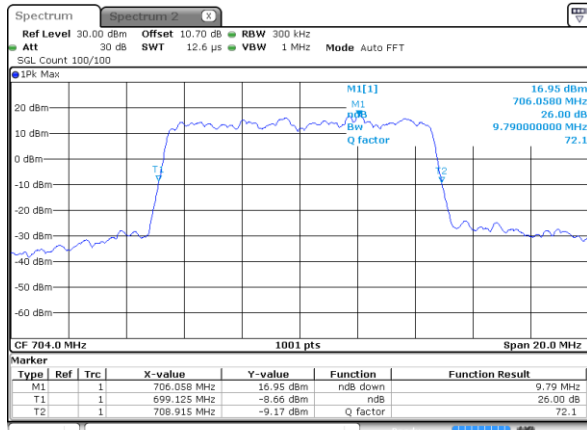


Date: 12 SEP 2017 18:24:32

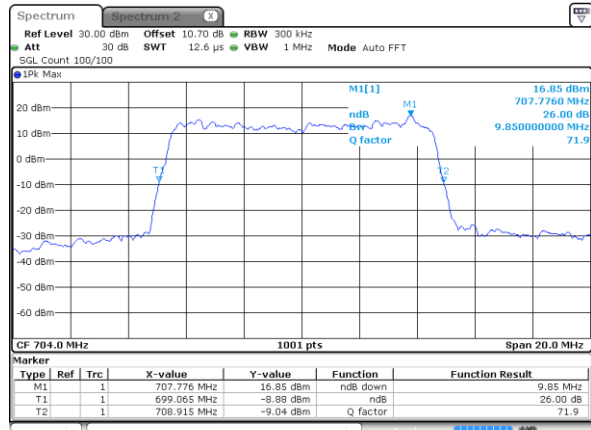


LTE Band 12

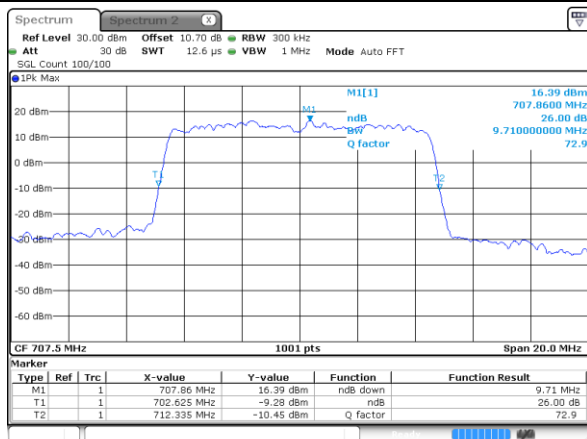
Lowest Channel / 10MHz / QPSK



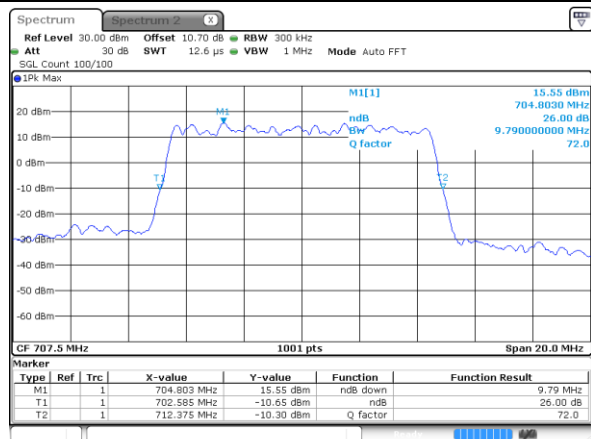
Lowest Channel / 10MHz / 16QAM



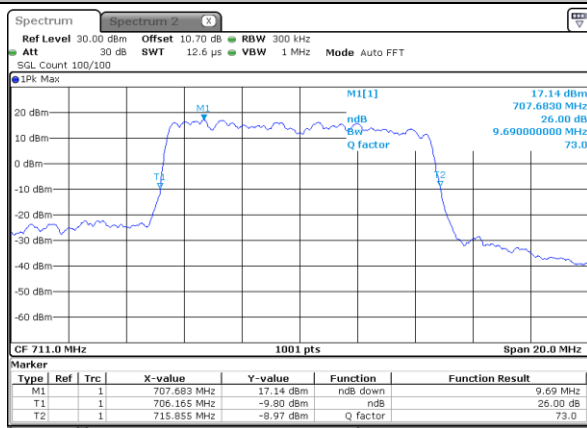
Middle Channel / 10MHz / QPSK



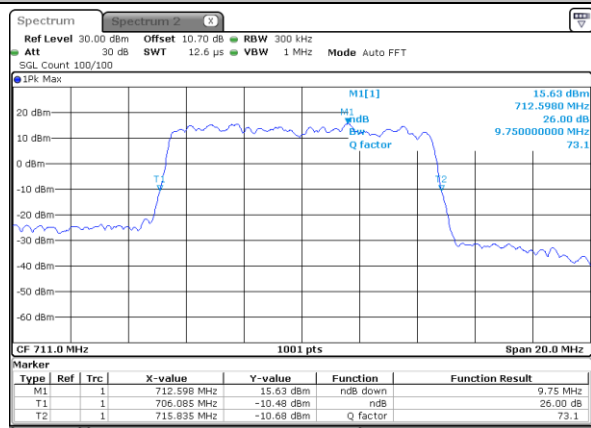
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



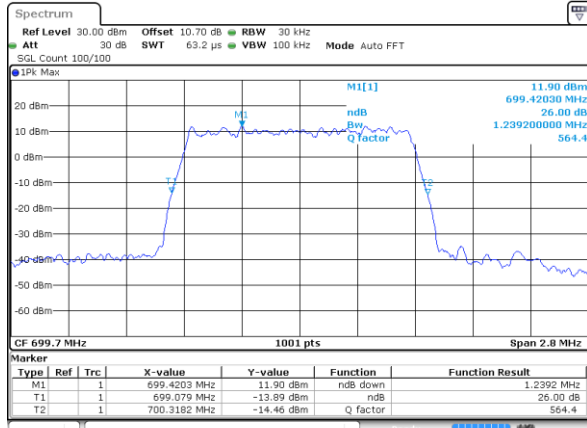
Highest Channel / 10MHz / 16QAM





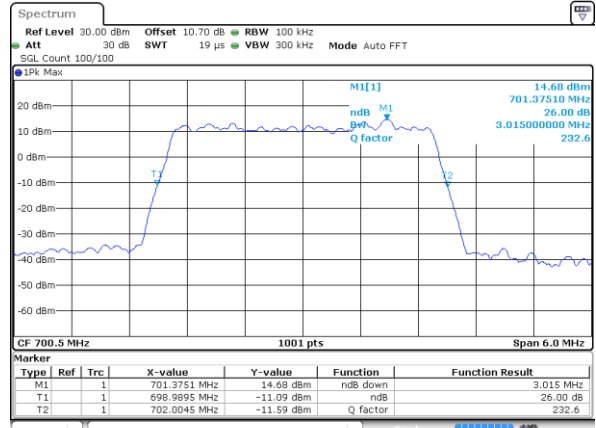
LTE Band 12

Lowest Channel / 1.4MHz / 64QAM



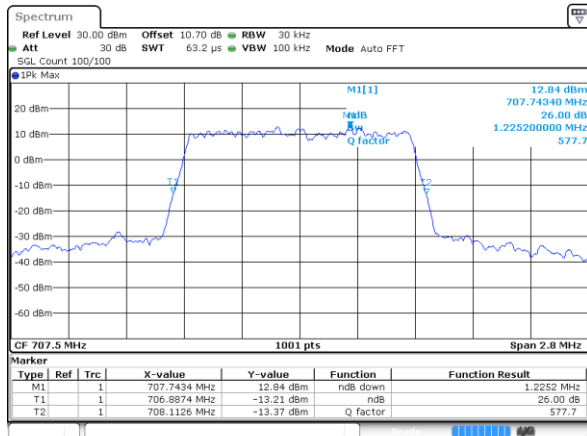
Date: 28 SEP 2017 23:20:45

Lowest Channel / 3MHz / 64QAM



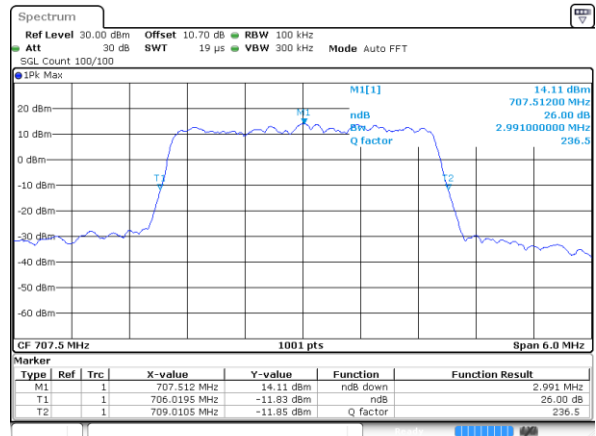
Date: 28 SEP 2017 22:48:15

Middle Channel / 1.4MHz / 64QAM



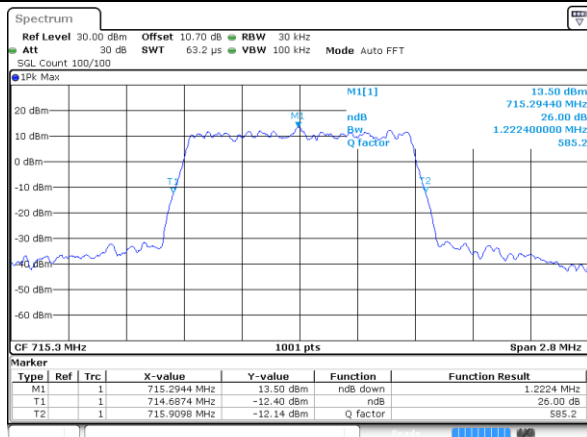
Date: 28 SEP 2017 23:24:16

Middle Channel / 3MHz / 64QAM



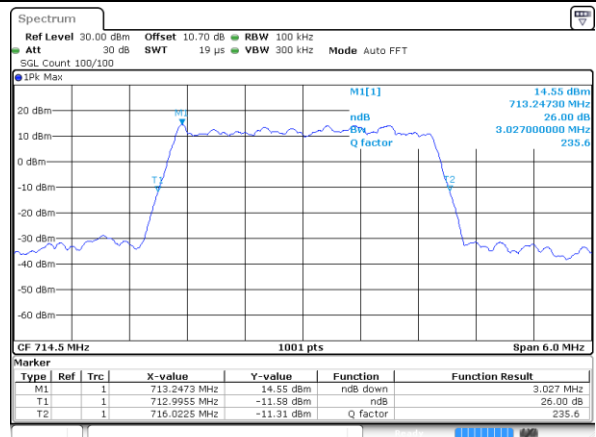
Date: 28 SEP 2017 22:51:46

Highest Channel / 1.4MHz / 64QAM



Date: 28 SEP 2017 23:25:30

Highest Channel / 3MHz / 64QAM

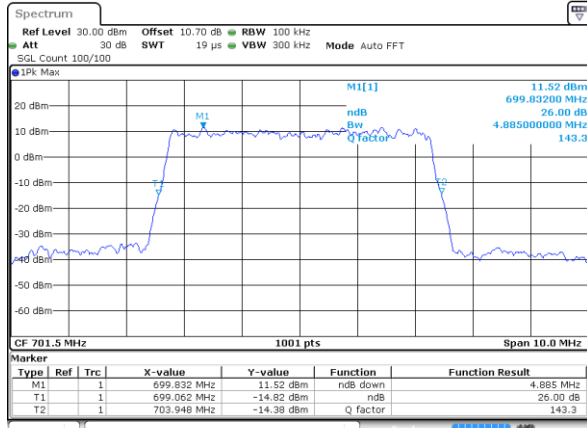


Date: 28 SEP 2017 22:53:00



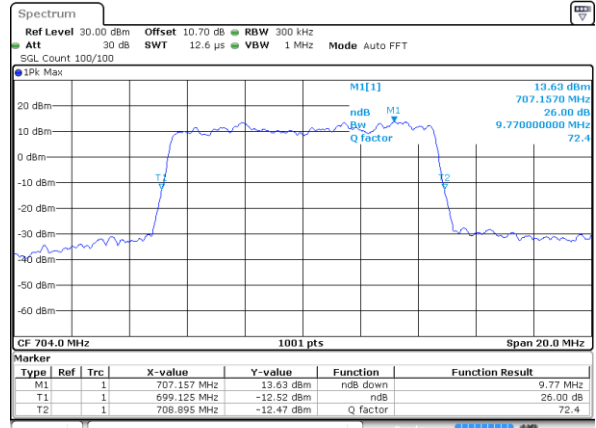
LTE Band 12

Lowest Channel / 5MHz / 64QAM



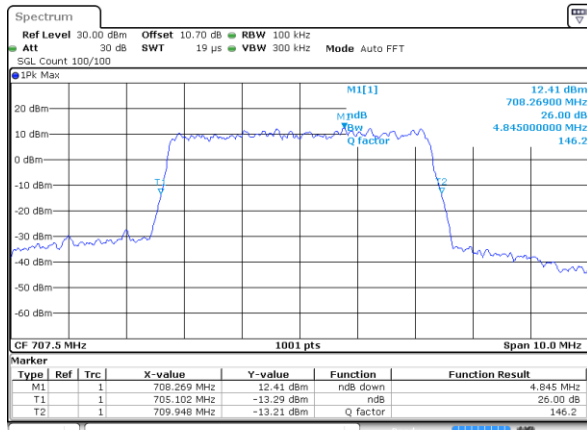
Date: 28 SEP 2017 22:56:31

Lowest Channel / 10MHz / 64QAM



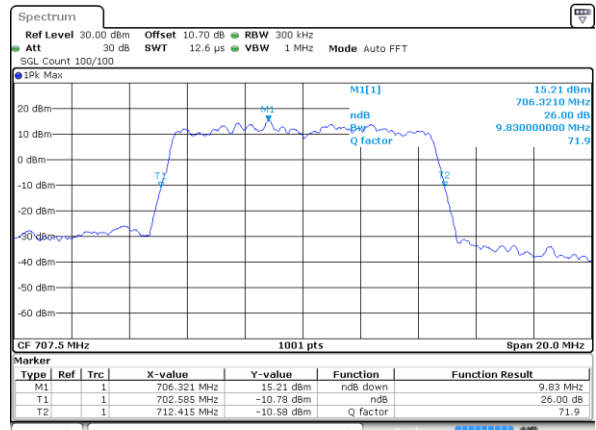
Date: 28 SEP 2017 23:12:29

Middle Channel / 5MHz / 64QAM



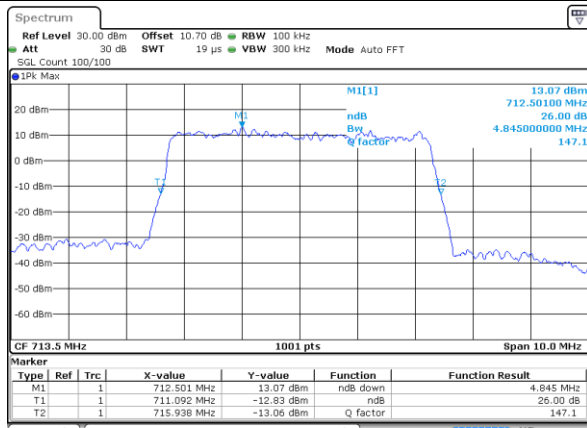
Date: 28 SEP 2017 22:00:03

Middle Channel / 10MHz / 64QAM



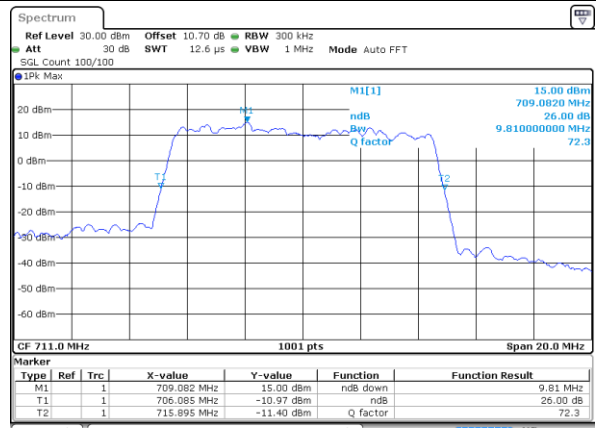
Date: 28 SEP 2017 23:16:00

Highest Channel / 5MHz / 64QAM



Date: 28 SEP 2017 23:01:16

Highest Channel / 10MHz / 64QAM



Date: 28 SEP 2017 23:17:14

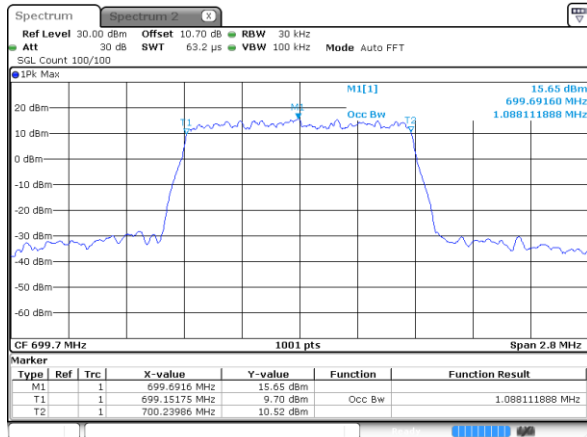
**Occupied Bandwidth**

Mode	LTE Band 12 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.1	2.71	2.71	4.49	4.49	9.03	9.05	-	-	-	-
Middle CH	1.09	1.09	2.72	2.72	4.51	4.48	8.99	8.97	-	-	-	-
Highest CH	1.09	1.08	2.73	2.73	4.5	4.5	8.99	9.03	-	-	-	-
Mode	LTE Band 12 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.09	-	2.72	-	4.5	-	9.01	-	-	-	-	-
Middle CH	1.1	-	2.72	-	4.5	-	8.95	-	-	-	-	-
Highest CH	1.09	-	2.73	-	4.49	-	8.99	-	-	-	-	-



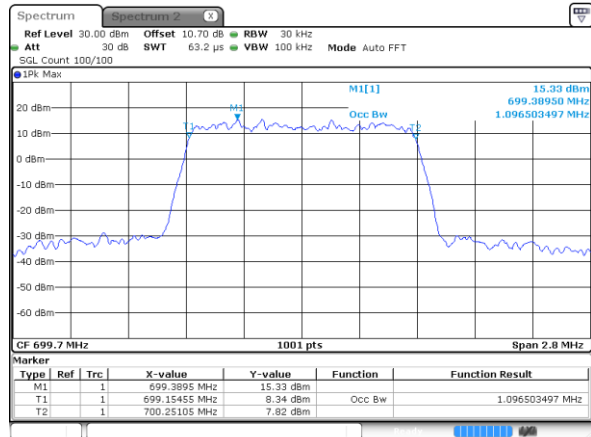
LTE Band 12

Lowest Channel / 1.4MHz / QPSK



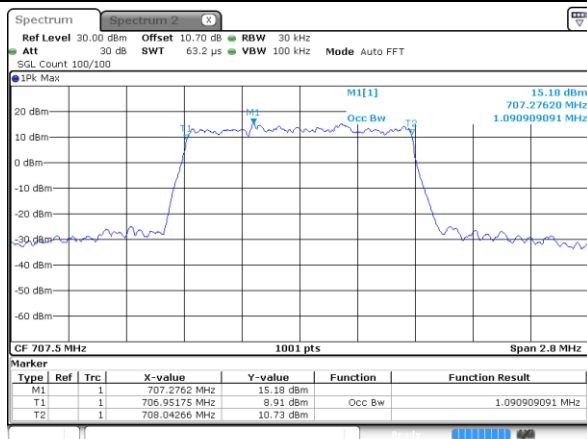
Date: 12 SEP 2017 19:19:03

Lowest Channel / 1.4MHz / 16QAM



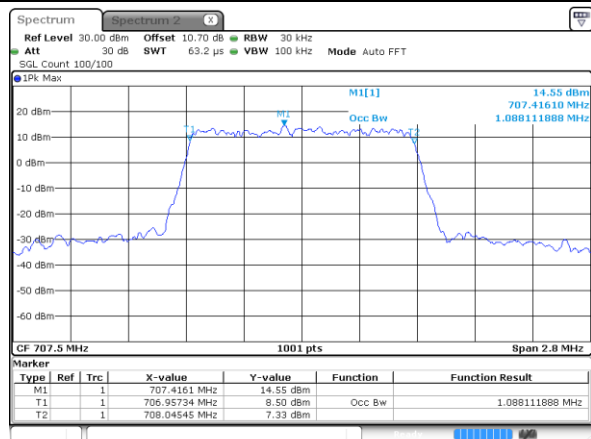
Date: 12 SEP 2017 19:19:13

Middle Channel / 1.4MHz / QPSK



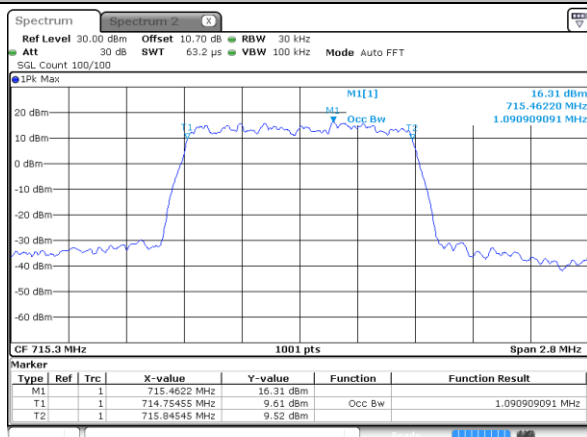
Date: 12 SEP 2017 19:26:15

Middle Channel / 1.4MHz / 16QAM



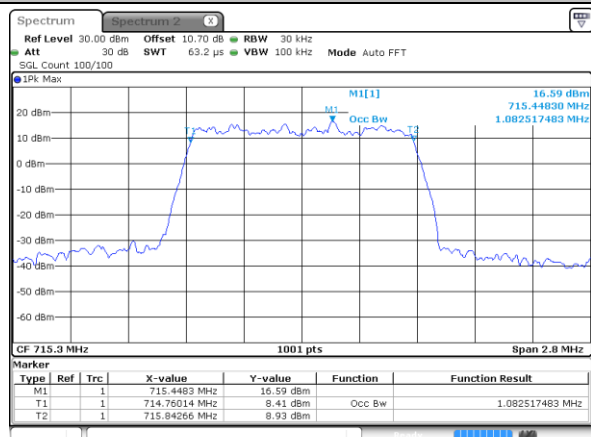
Date: 12 SEP 2017 19:26:05

Highest Channel / 1.4MHz / QPSK



Date: 12 SEP 2017 19:28:33

Highest Channel / 1.4MHz / 16QAM

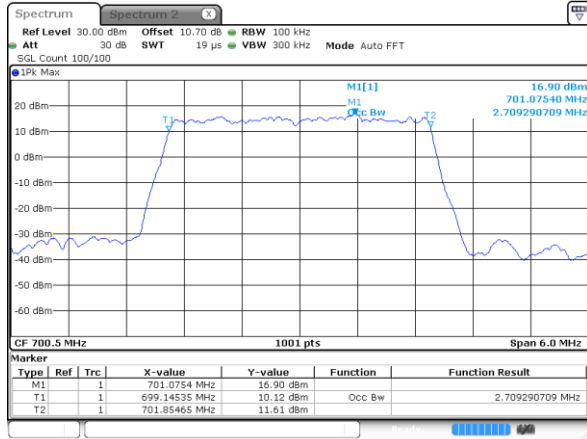


Date: 12 SEP 2017 19:28:43



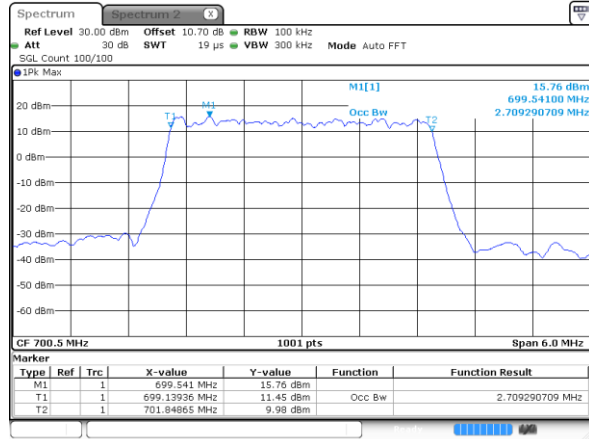
LTE Band 12

Lowest Channel / 3MHz / QPSK



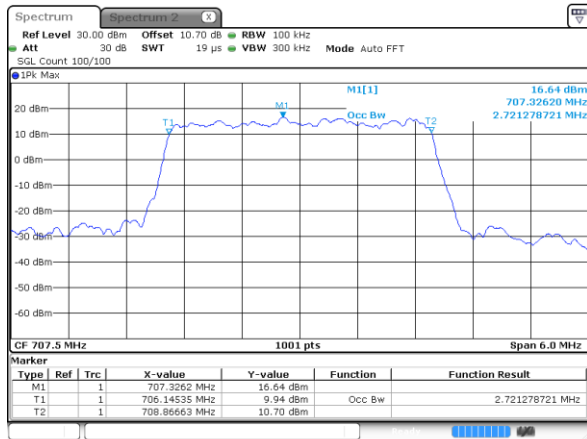
Date: 12 SEP 2017 17:58:09

Lowest Channel / 3MHz / 16QAM



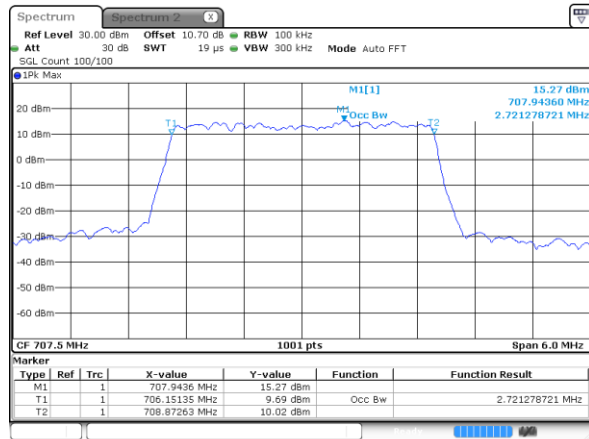
Date: 12 SEP 2017 17:58:19

Middle Channel / 3MHz / QPSK



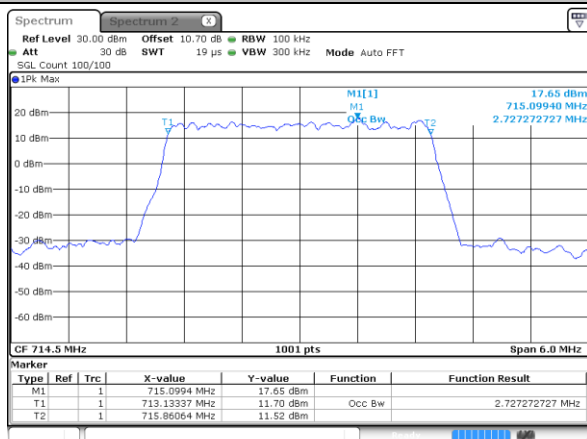
Date: 12 SEP 2017 18:05:22

Middle Channel / 3MHz / 16QAM



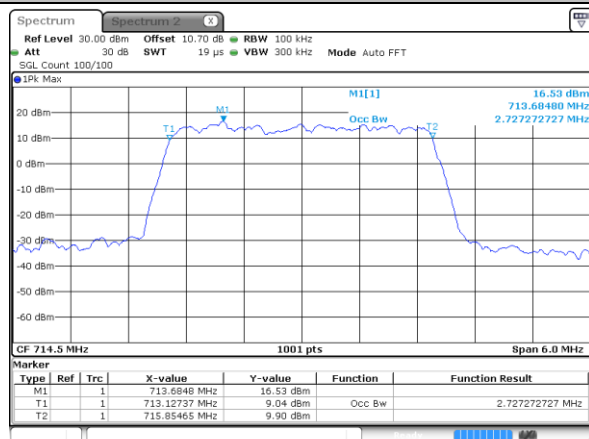
Date: 12 SEP 2017 18:05:12

Highest Channel / 3MHz / QPSK



Date: 12 SEP 2017 18:07:39

Highest Channel / 3MHz / 16QAM

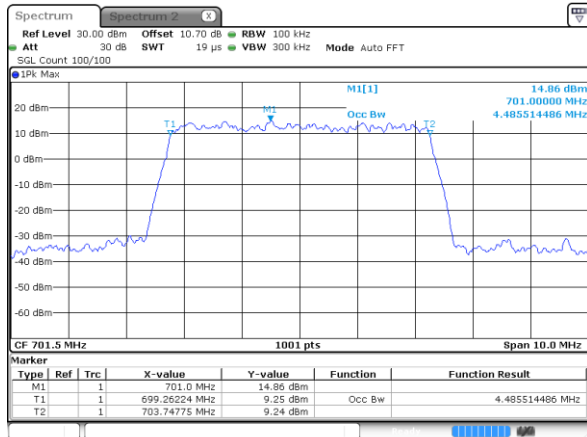


Date: 12 SEP 2017 18:07:49



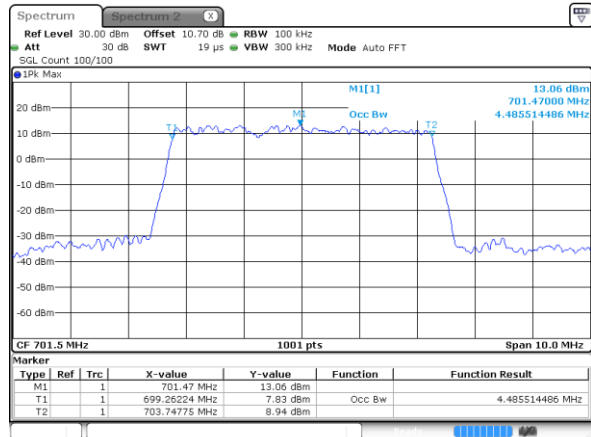
LTE Band 12

Lowest Channel / 5MHz / QPSK



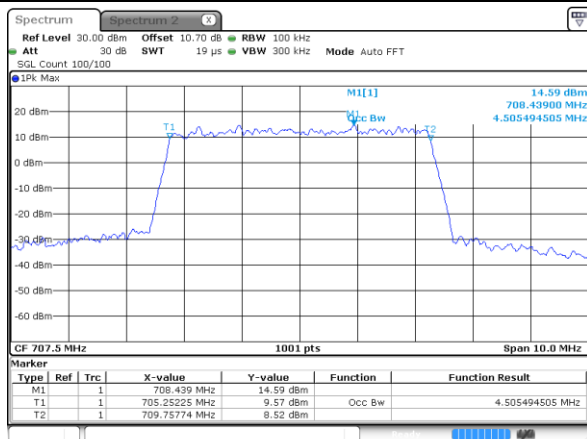
Date: 12 SEP 2017 18:14:42

Lowest Channel / 5MHz / 16QAM



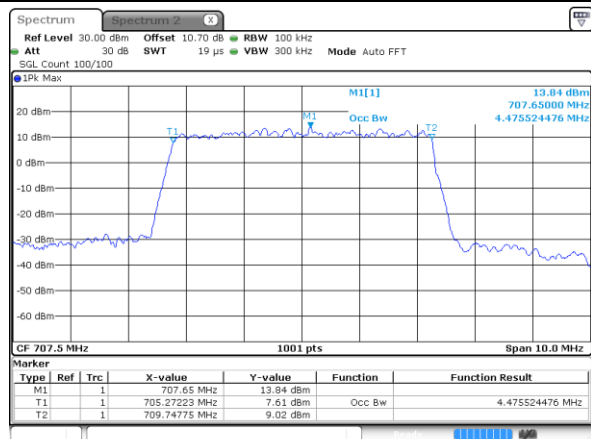
Date: 12 SEP 2017 18:14:52

Middle Channel / 5MHz / QPSK



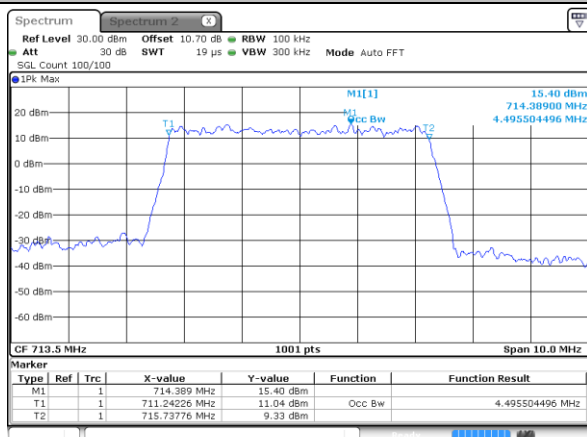
Date: 12 SEP 2017 18:21:54

Middle Channel / 5MHz / 16QAM



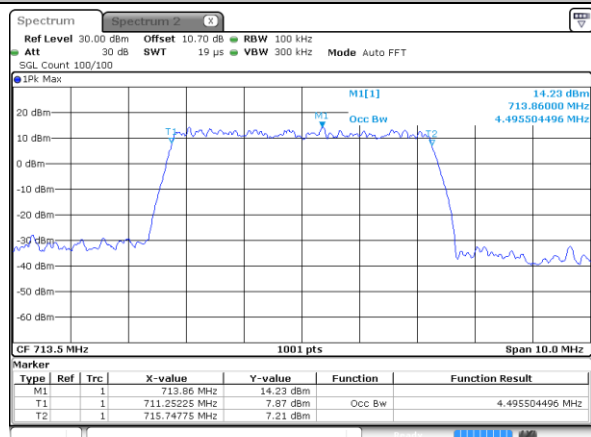
Date: 12 SEP 2017 18:21:44

Highest Channel / 5MHz / QPSK



Date: 12 SEP 2017 18:24:12

Highest Channel / 5MHz / 16QAM

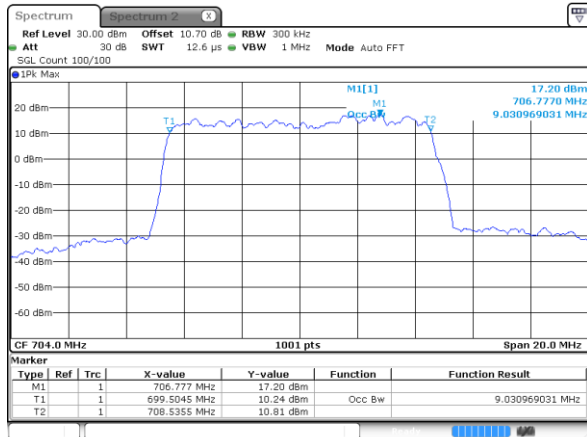


Date: 12 SEP 2017 18:24:22



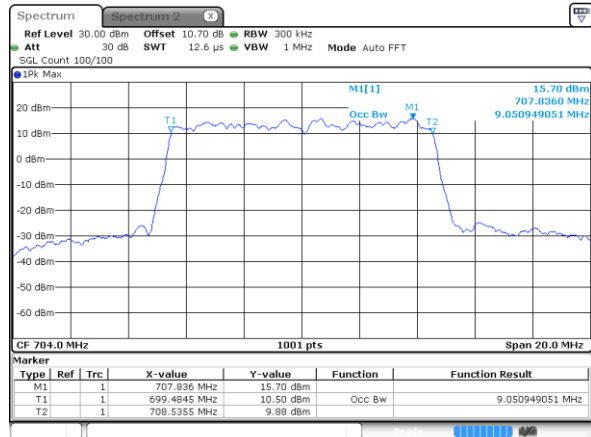
LTE Band 12

Lowest Channel / 10MHz / QPSK



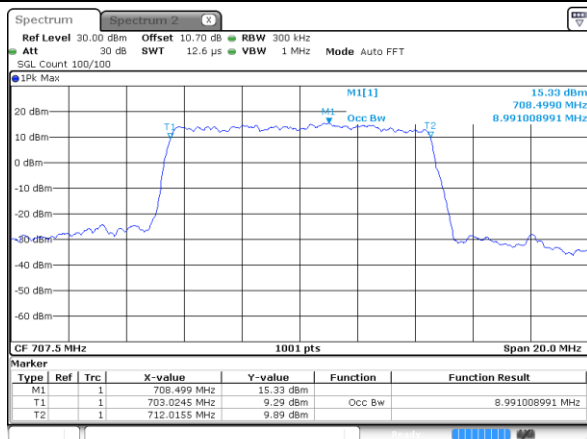
Date: 12 SEP 2017 18:31:14

Lowest Channel / 10MHz / 16QAM



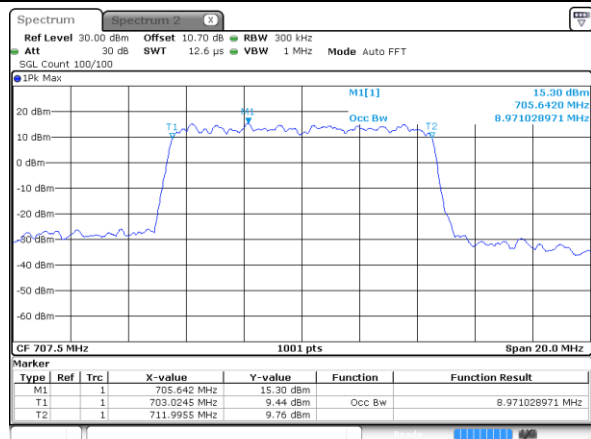
Date: 12 SEP 2017 18:31:24

Middle Channel / 10MHz / QPSK



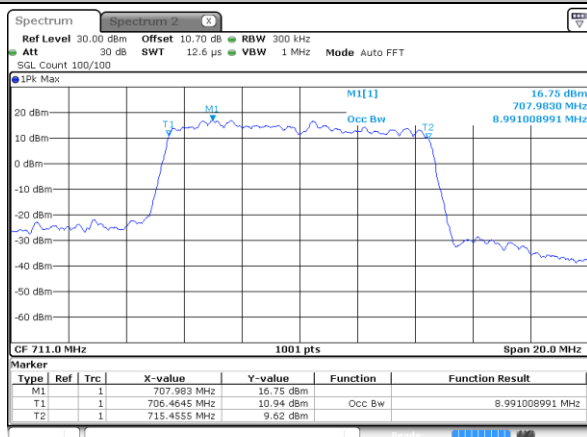
Date: 12 SEP 2017 18:38:27

Middle Channel / 10MHz / 16QAM



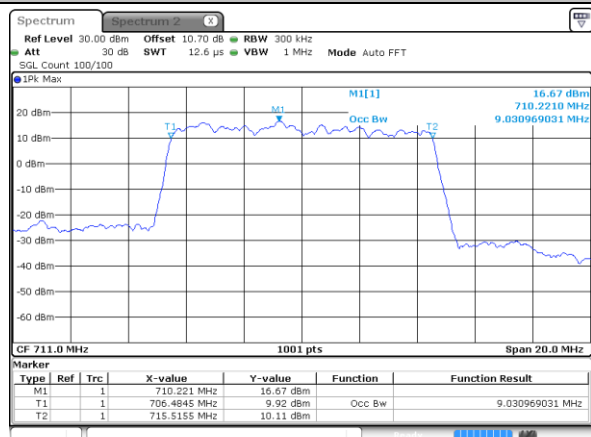
Date: 12 SEP 2017 18:38:17

Highest Channel / 10MHz / QPSK



Date: 12 SEP 2017 18:40:44

Highest Channel / 10MHz / 16QAM

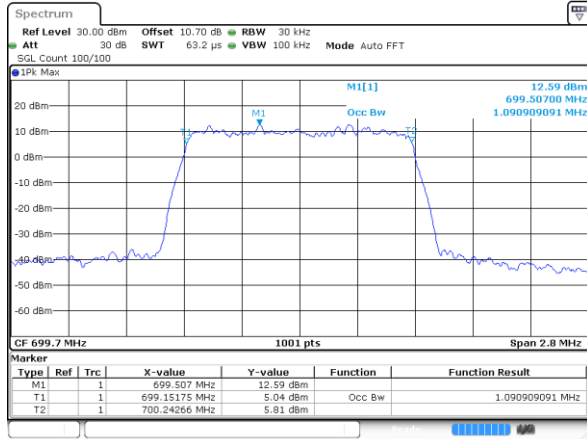


Date: 12 SEP 2017 18:40:54

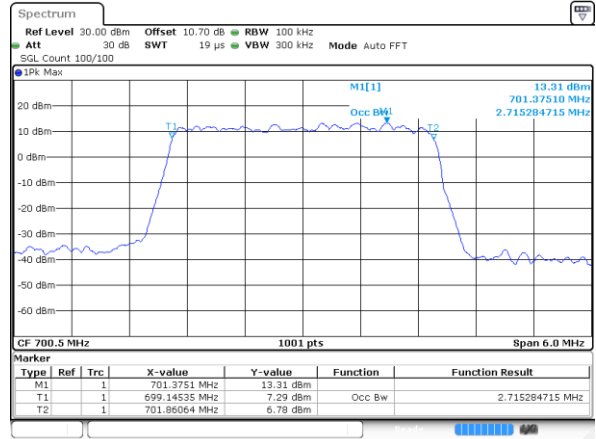


LTE Band 12

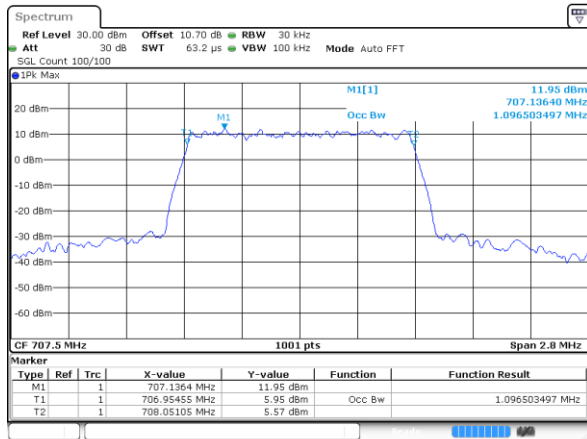
Lowest Channel / 1.4MHz / 64QAM



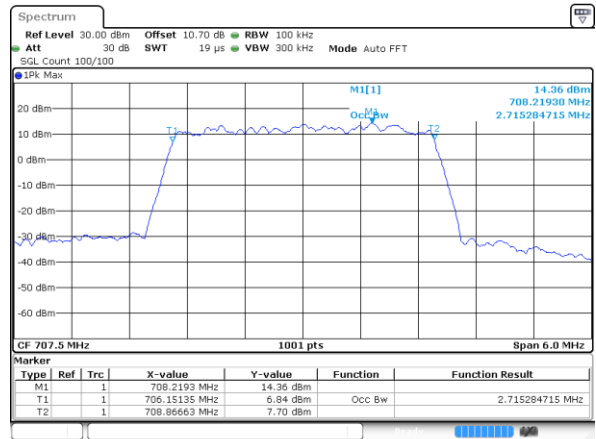
Lowest Channel / 3MHz / 64QAM



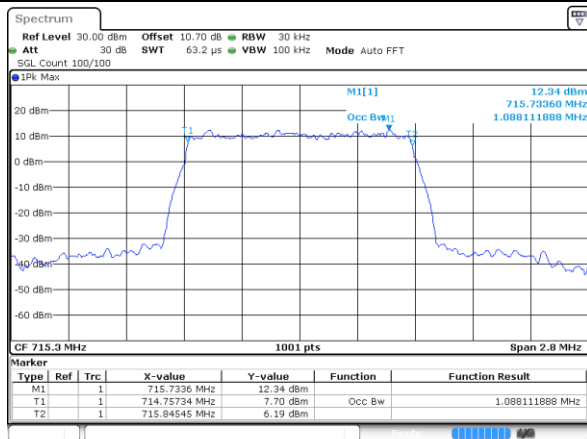
Middle Channel / 1.4MHz / 64QAM



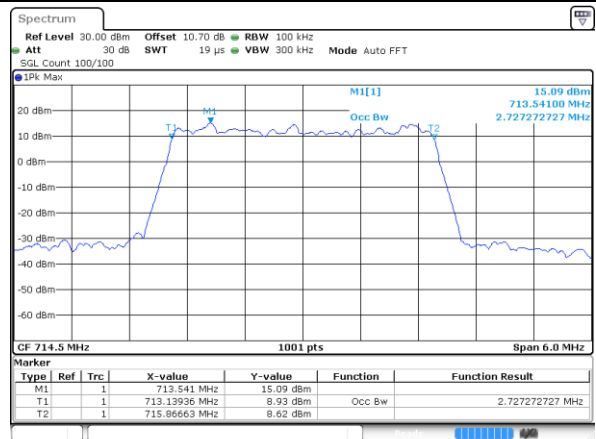
Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM



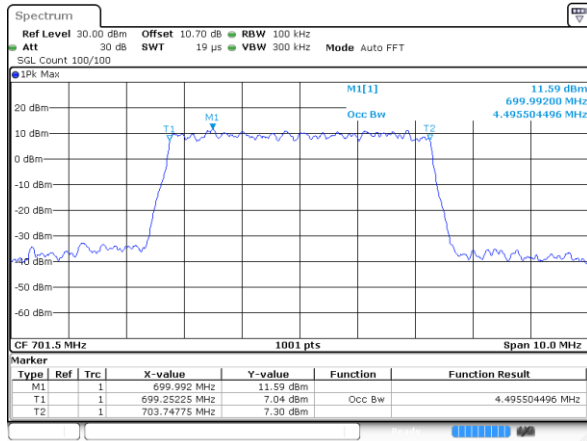
Highest Channel / 3MHz / 64QAM



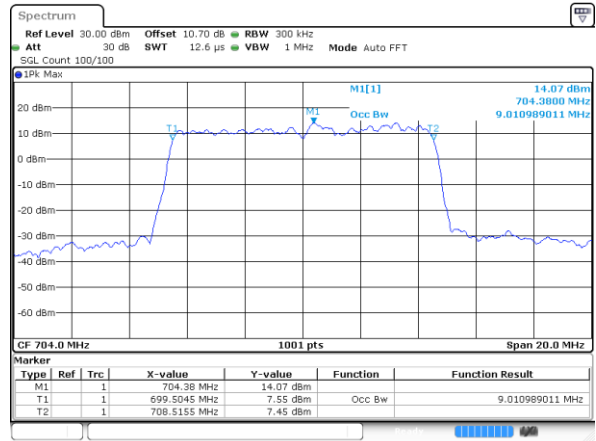


LTE Band 12

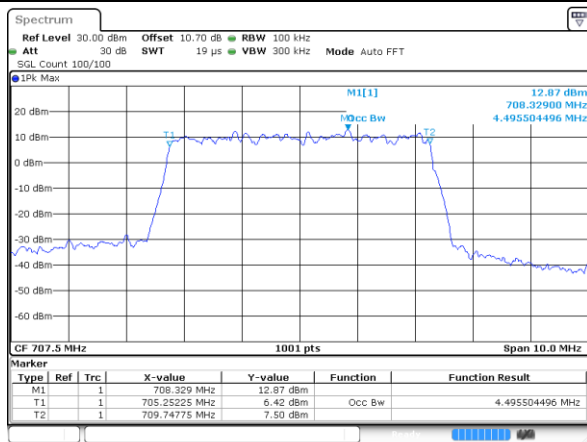
Lowest Channel / 5MHz / 64QAM



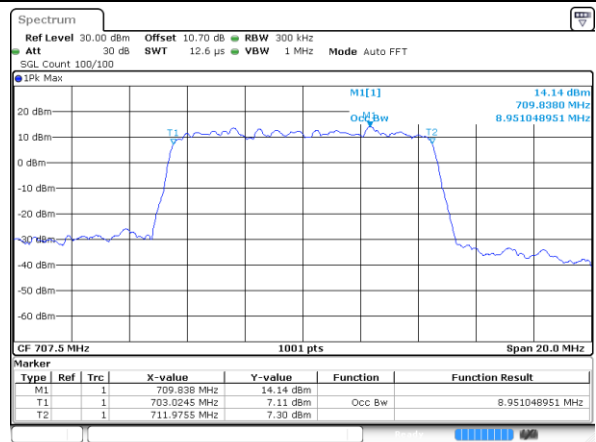
Lowest Channel / 10MHz / 64QAM



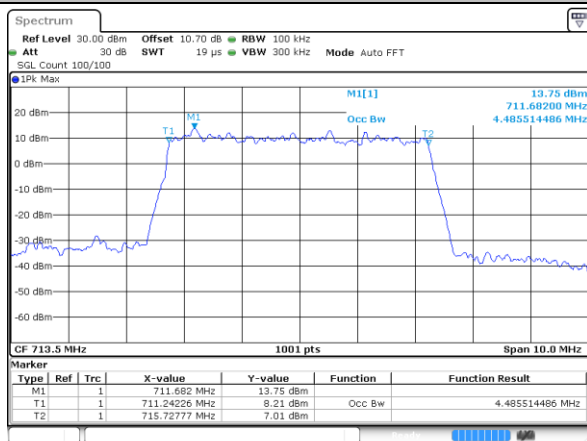
Middle Channel / 5MHz / 64QAM



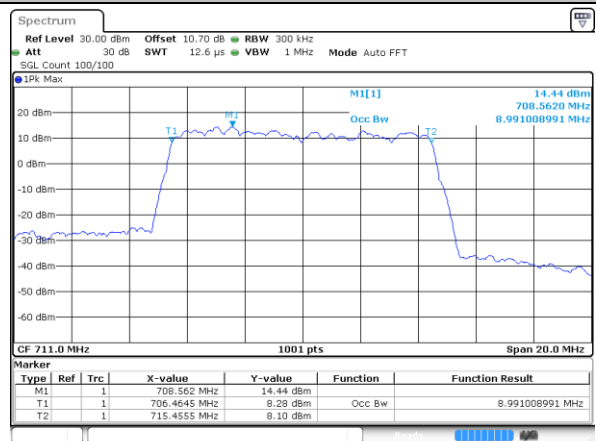
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



Highest Channel / 10MHz / 64QAM



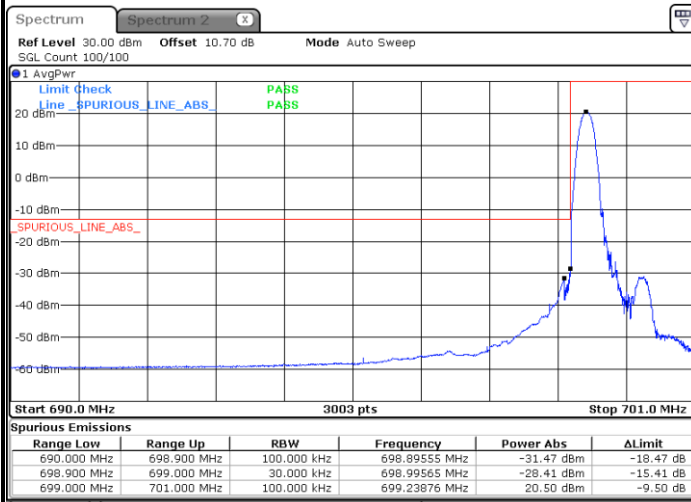


Conducted Band Edge

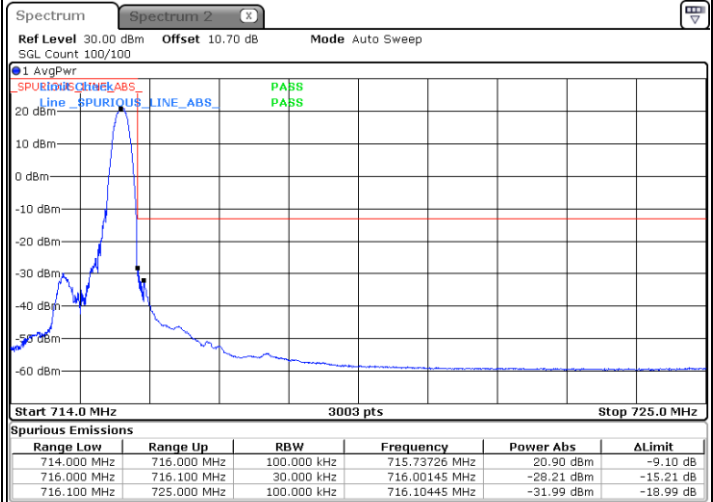


LTE Band 12 / 1.4MHz / QPSK

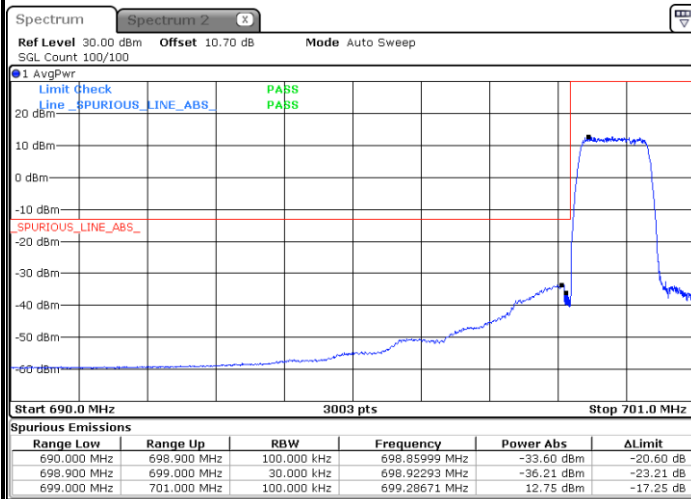
Lowest Band Edge / 1 RB



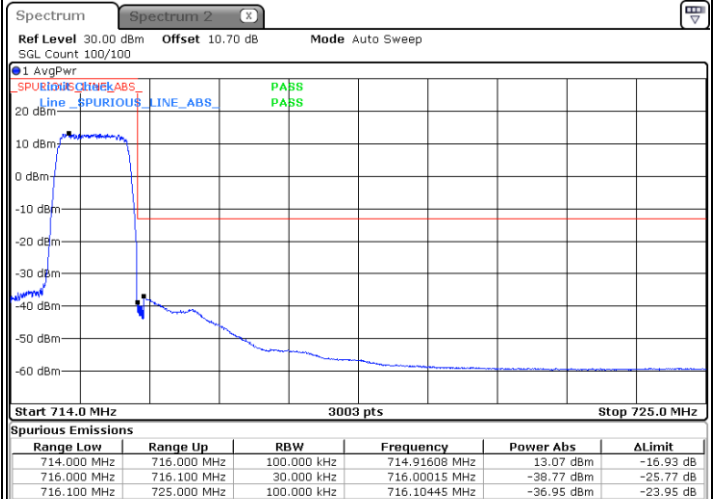
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



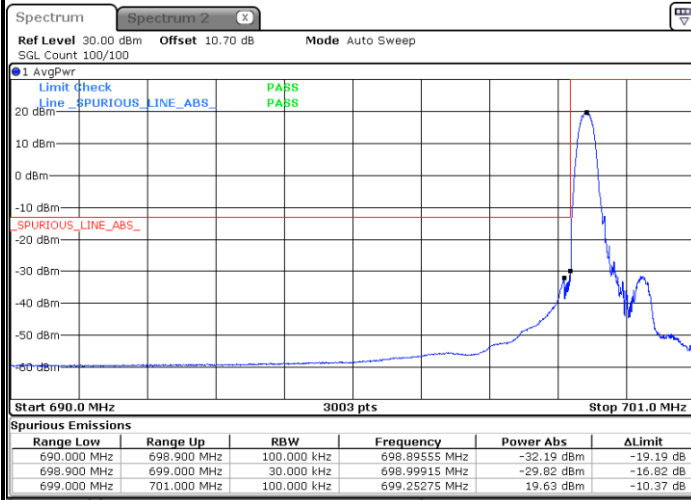
Highest Band Edge / Full RB



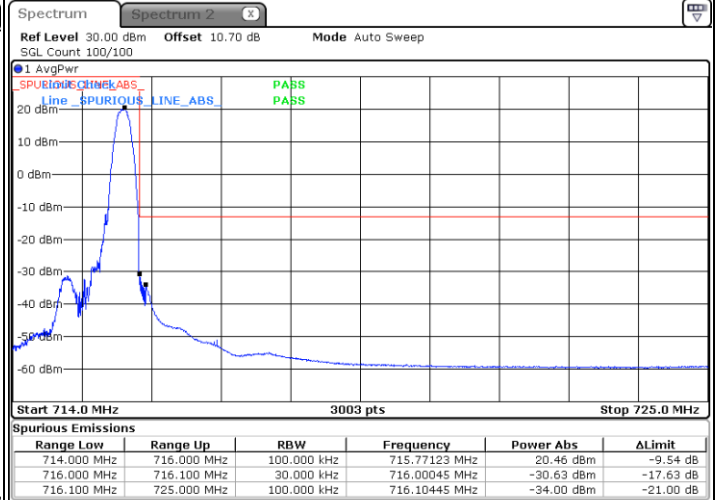


LTE Band 12 / 1.4MHz / 16QAM

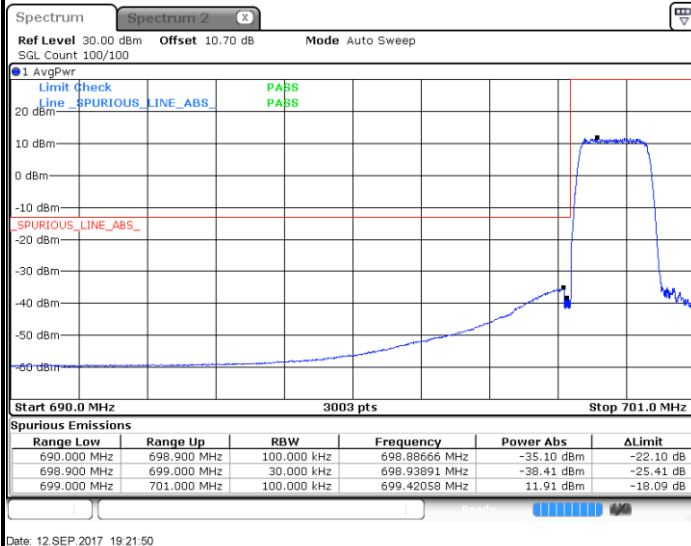
Lowest Band Edge / 1 RB



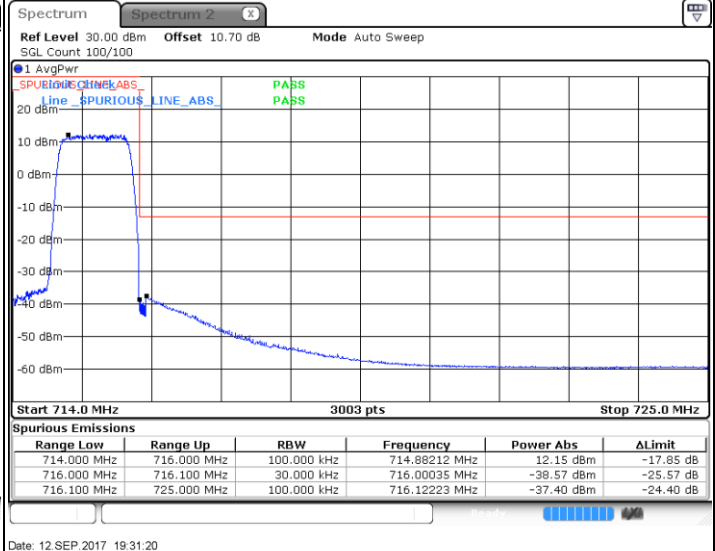
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



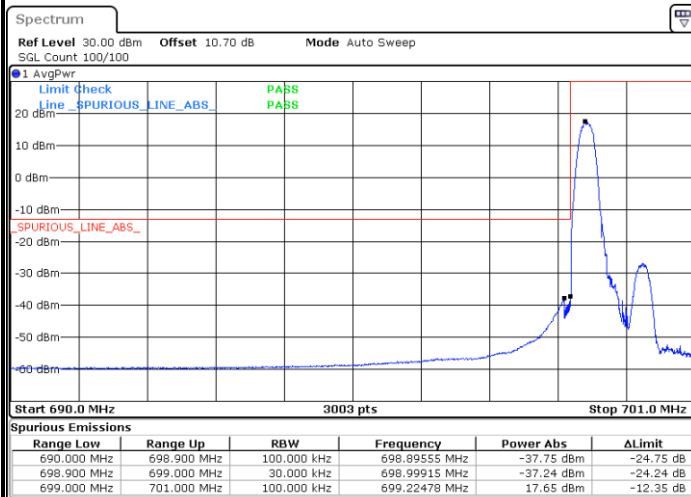
Highest Band Edge / Full RB



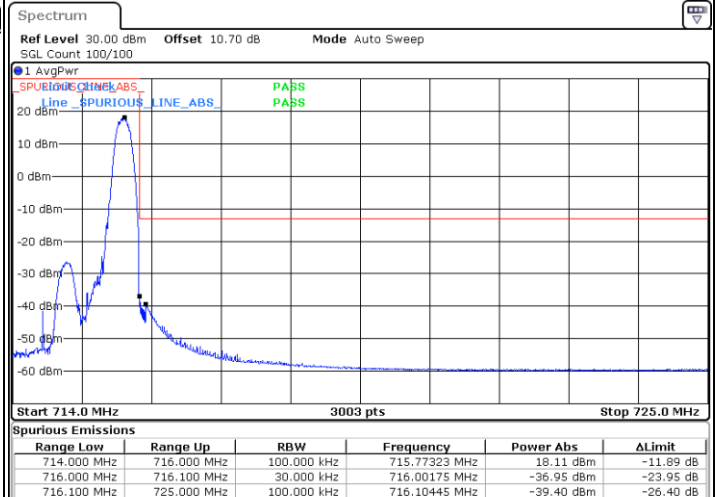


LTE Band 12 / 1.4MHz / 64QAM

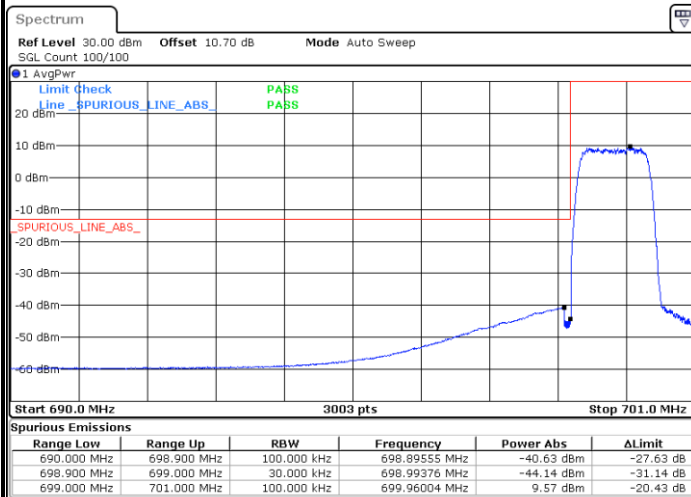
Lowest Band Edge / 1 RB



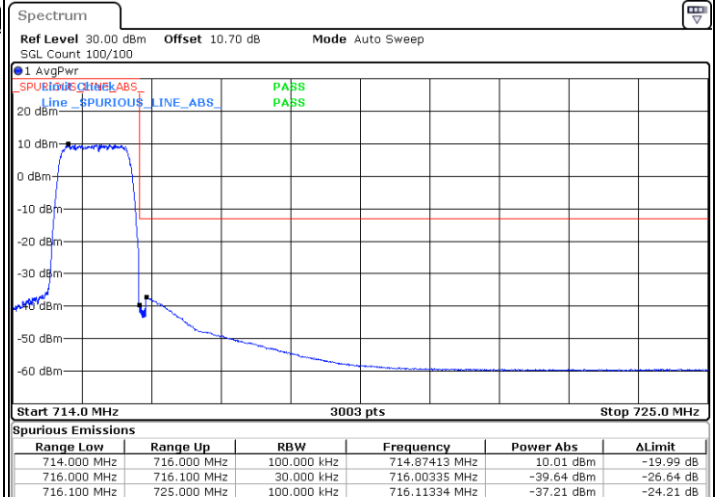
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



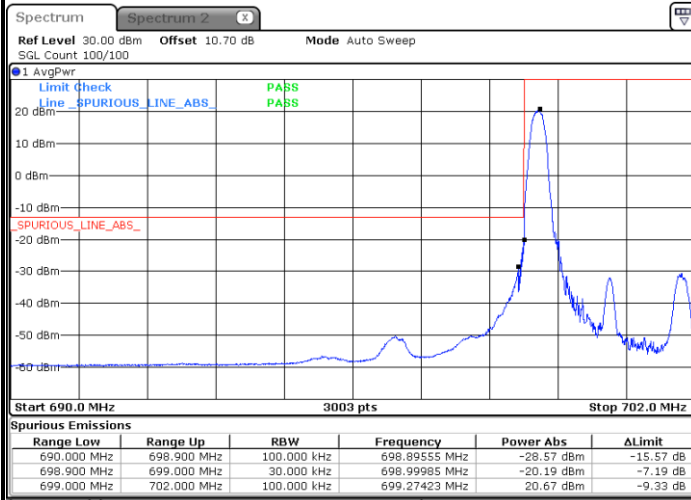
Highest Band Edge / Full RB



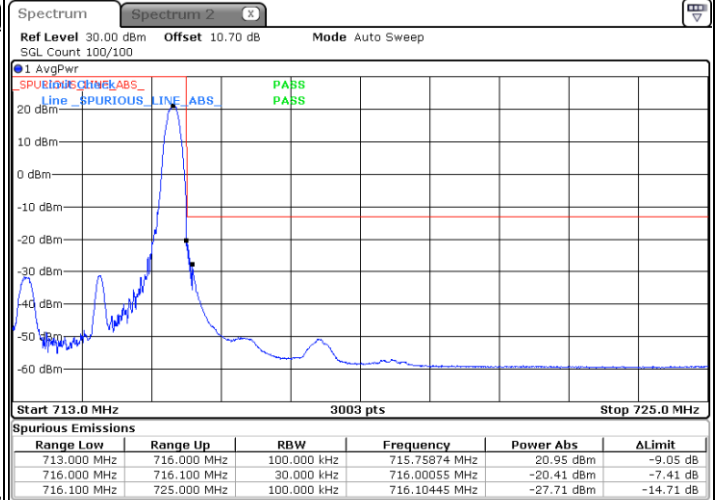


LTE Band 12 / 3MHz / QPSK

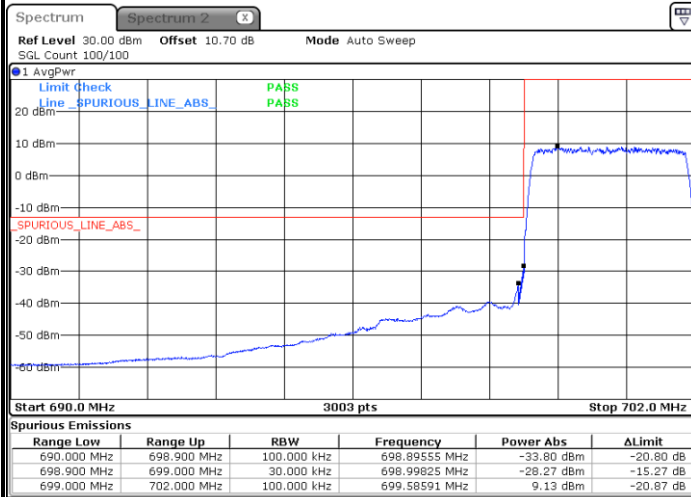
Lowest Band Edge / 1RB



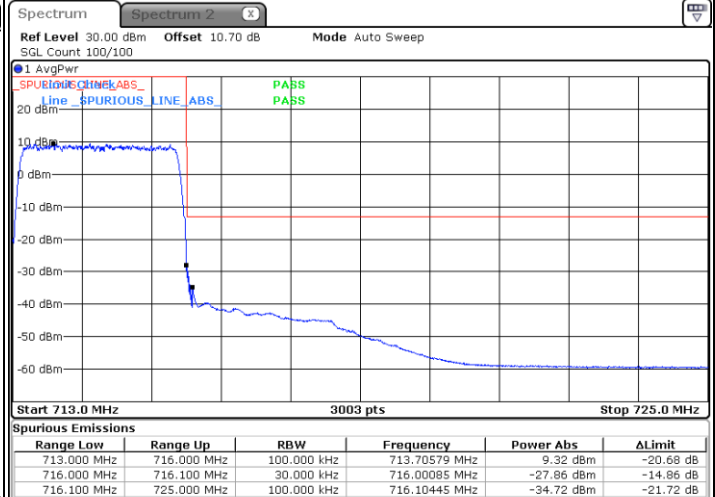
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



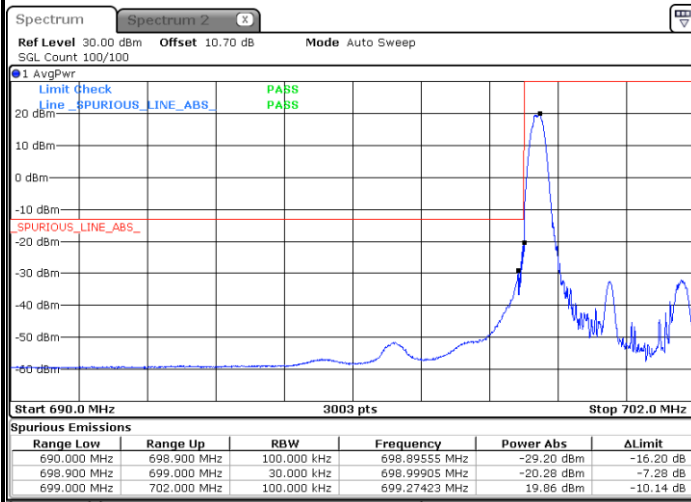
Highest Band Edge / Full RB



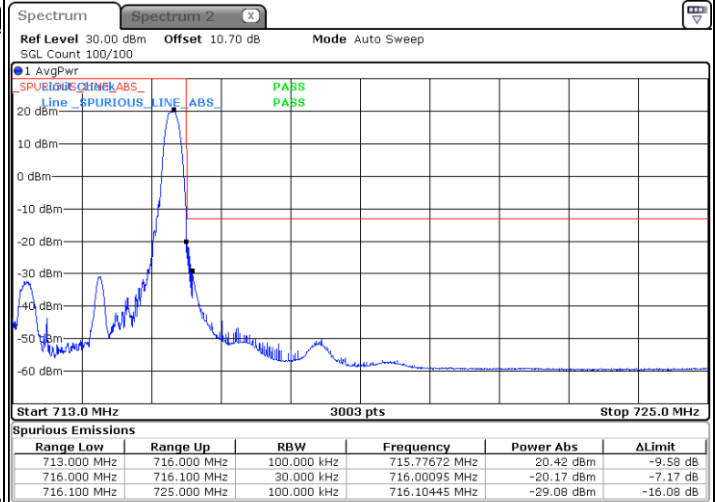


LTE Band 12 / 3MHz / 16QAM

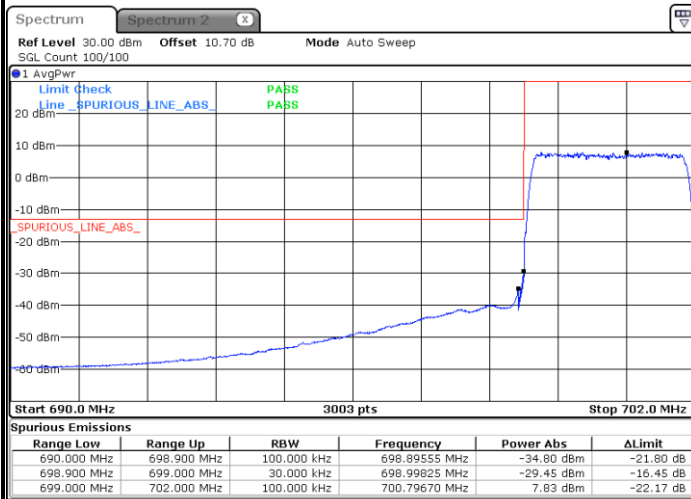
Lowest Band Edge / 1 RB



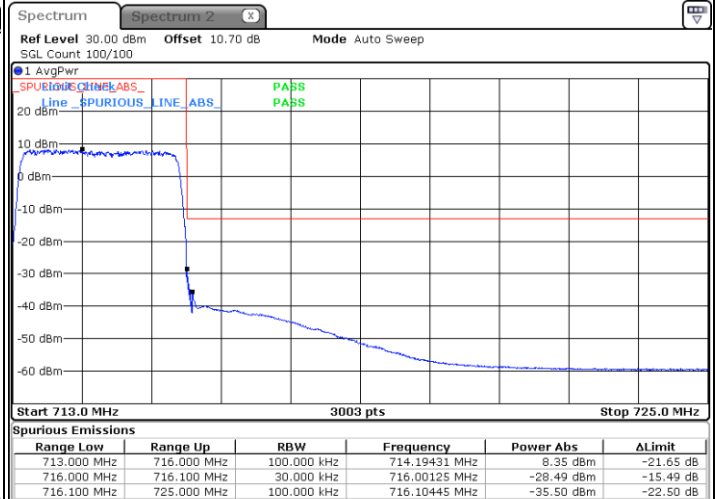
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



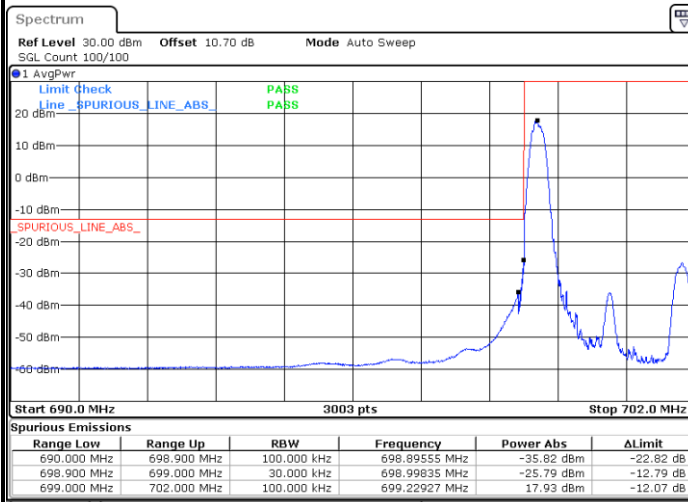
Highest Band Edge / Full RB



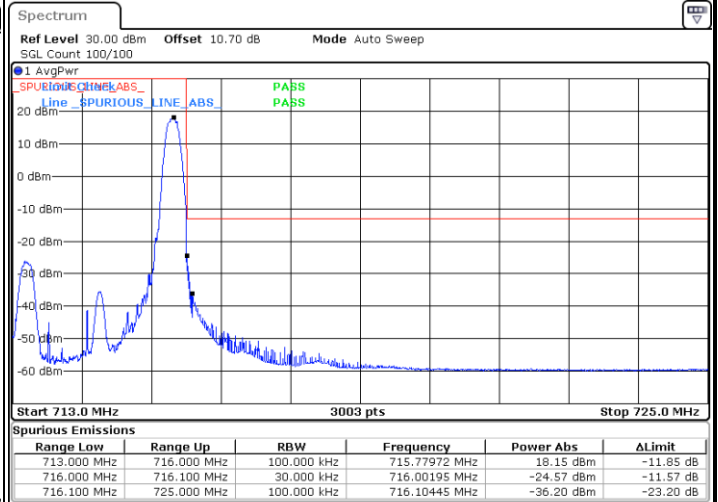


LTE Band 12 / 3MHz / 64QAM

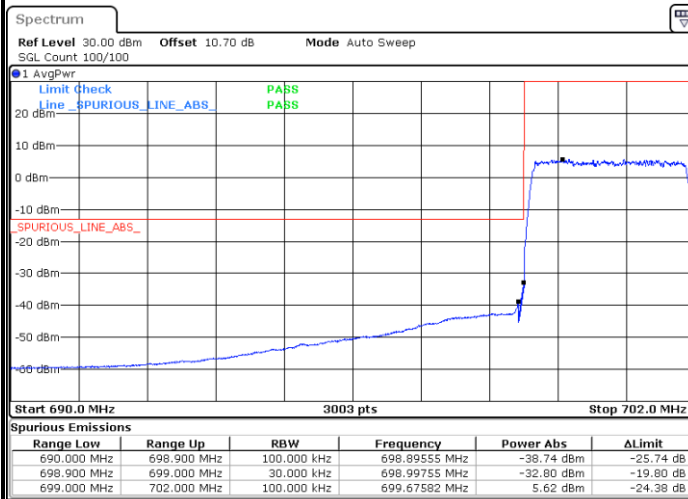
Lowest Band Edge / 1 RB



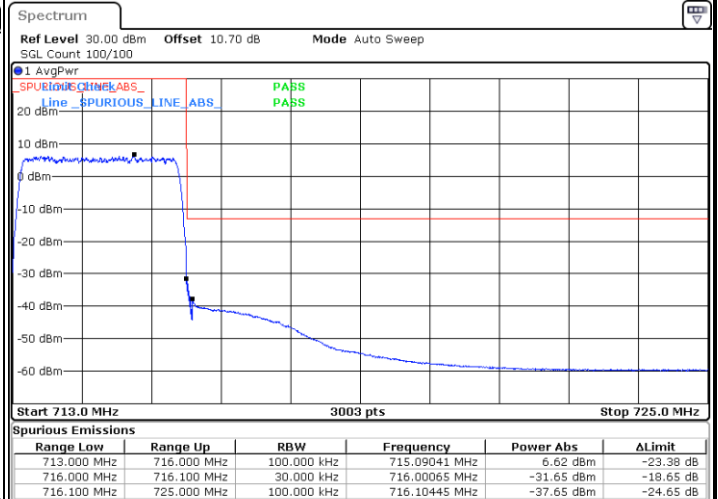
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



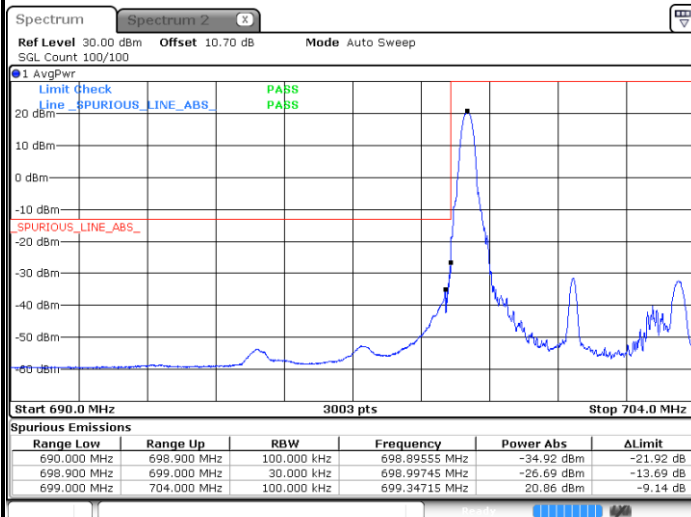
Highest Band Edge / Full RB



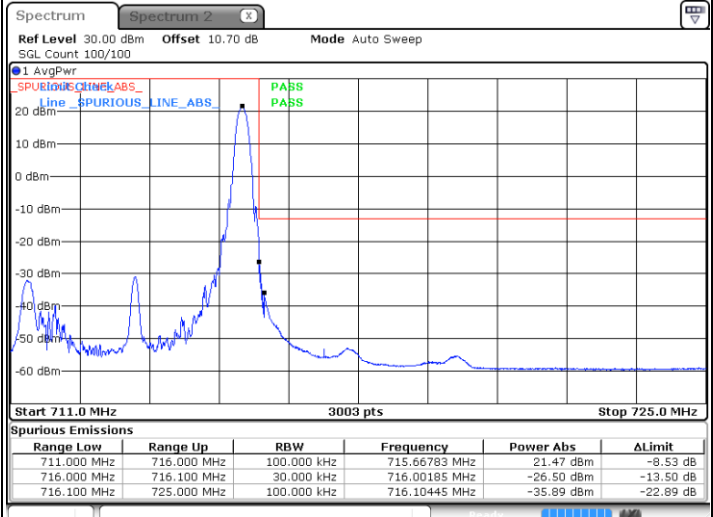


LTE Band 12 / 5MHz / QPSK

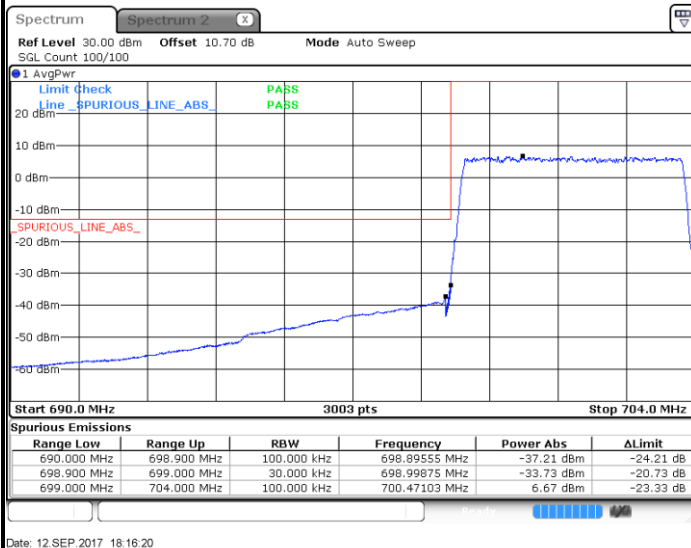
Lowest Band Edge / 1 RB



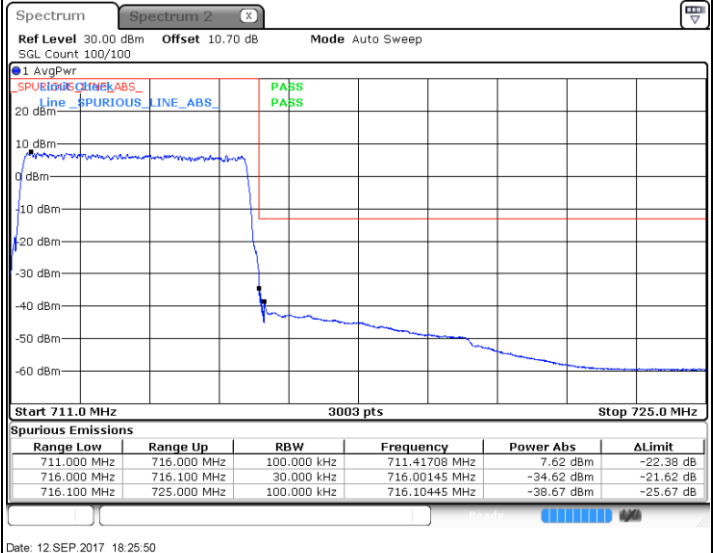
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



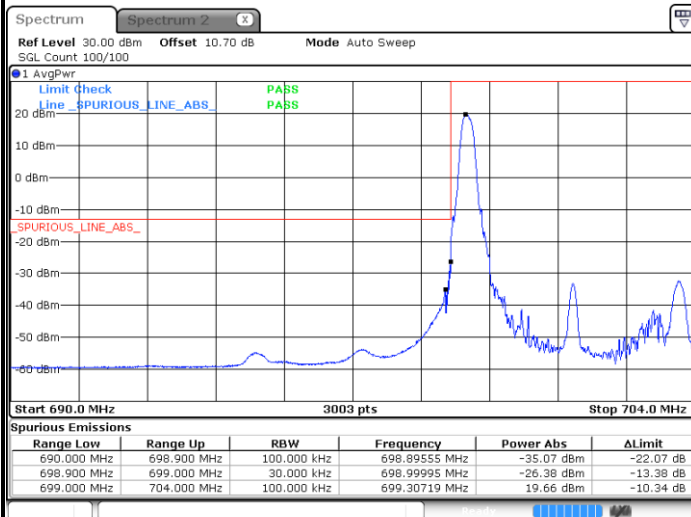
Highest Band Edge / Full RB



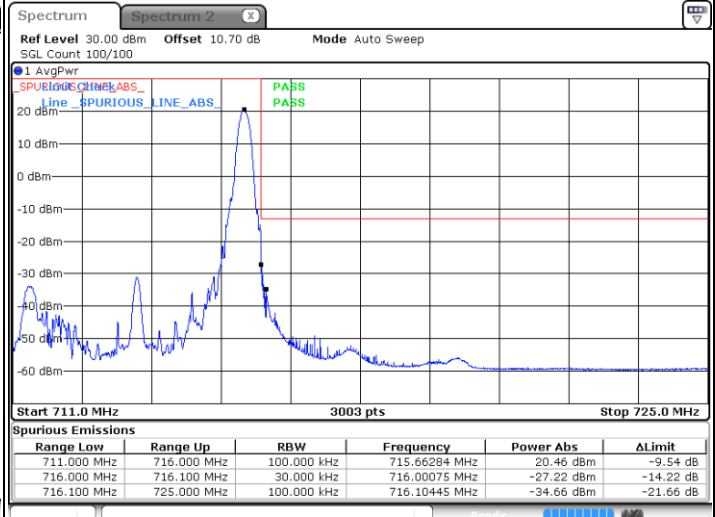


LTE Band 12 / 5MHz / 16QAM

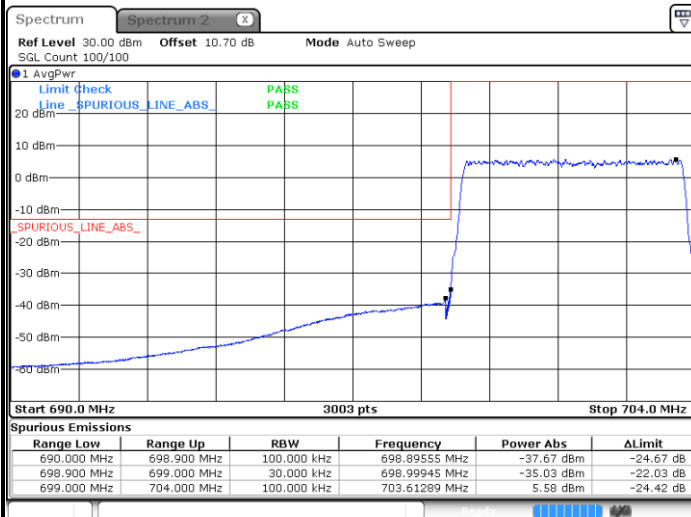
Lowest Band Edge / 1RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

