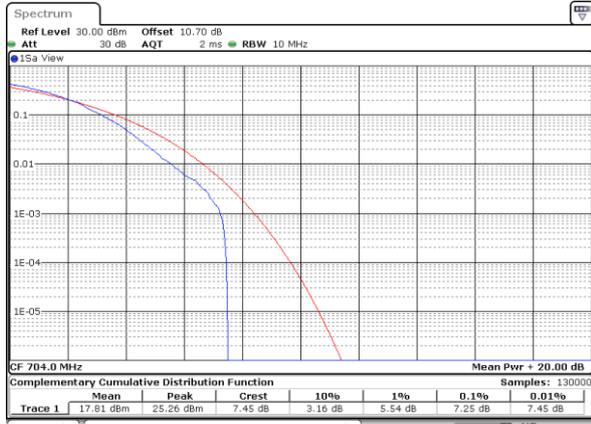




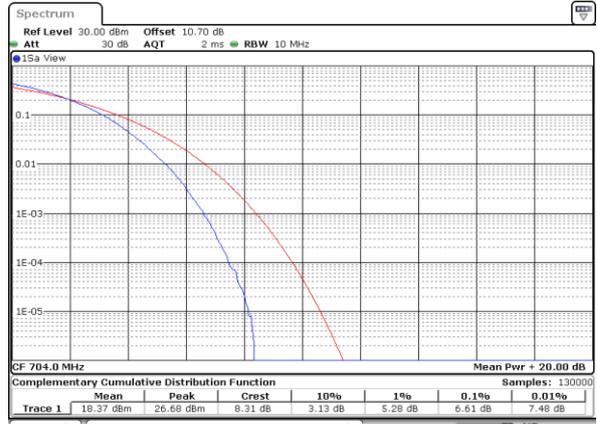
LTE Band 12 / 10MHz / 64QAM

Lowest Channel / 1RB



Date: 16 DEC 2019 15:02:47

Lowest Channel / Full RB



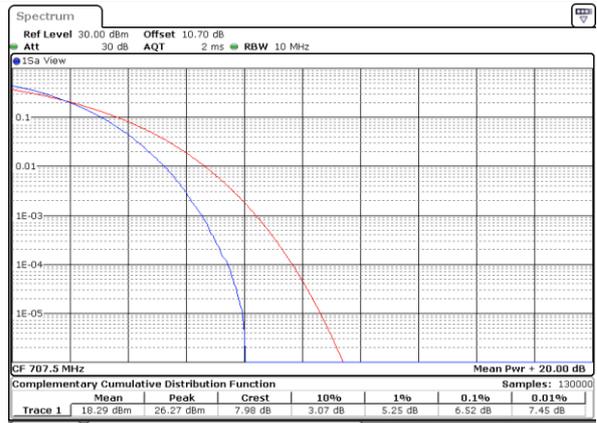
Date: 16 DEC 2019 15:04:51

Middle Channel / 1RB



Date: 16 DEC 2019 15:02:59

Middle Channel / Full RB



Date: 16 DEC 2019 15:03:12

Highest Channel / 1RB



Date: 16 DEC 2019 15:03:33

Highest Channel / Full RB



Date: 16 DEC 2019 15:03:22



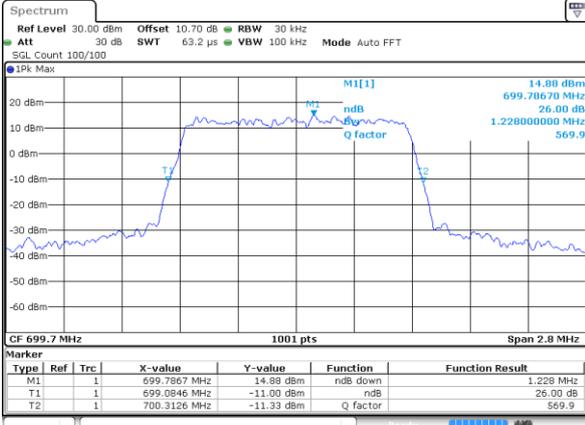
**26dB Bandwidth**

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	1.22	3.06	3.03	4.86	4.94	9.77	9.79	-	-	-	-
Middle CH	1.21	1.24	3.03	3.03	4.92	4.88	9.71	9.75	-	-	-	-
Highest CH	1.21	1.23	3.01	2.97	4.98	4.88	9.63	9.71	-	-	-	-
Mode	LTE Band 12 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.19	-	2.97	-	4.87	-	9.75	-	-	-	-	-
Middle CH	1.24	-	2.95	-	4.90	-	9.79	-	-	-	-	-
Highest CH	1.21	-	3.00	-	4.85	-	9.85	-	-	-	-	-



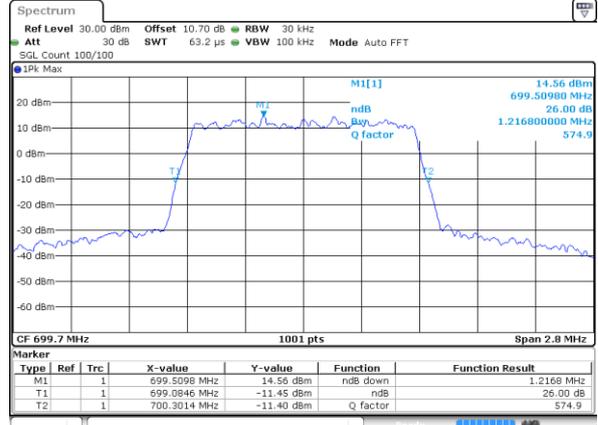
LTE Band 12

Lowest Channel / 1.4MHz / QPSK



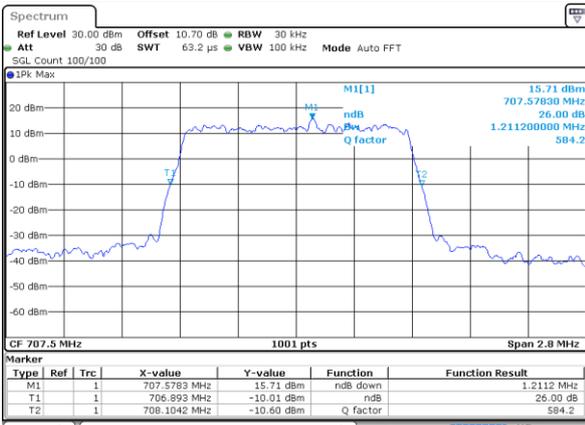
Date: 16 DEC 2019 14:30:25

Lowest Channel / 1.4MHz / 16QAM



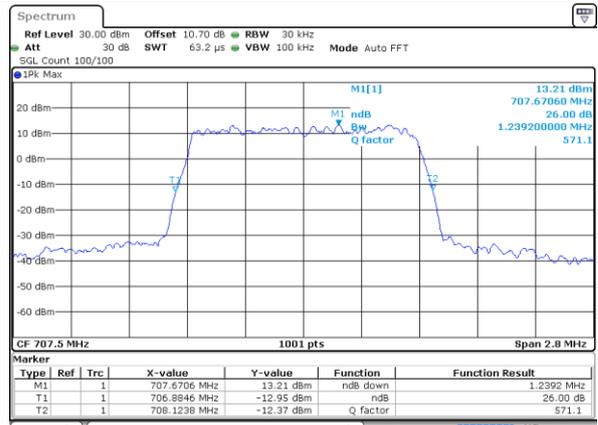
Date: 16 DEC 2019 14:30:13

Middle Channel / 1.4MHz / QPSK



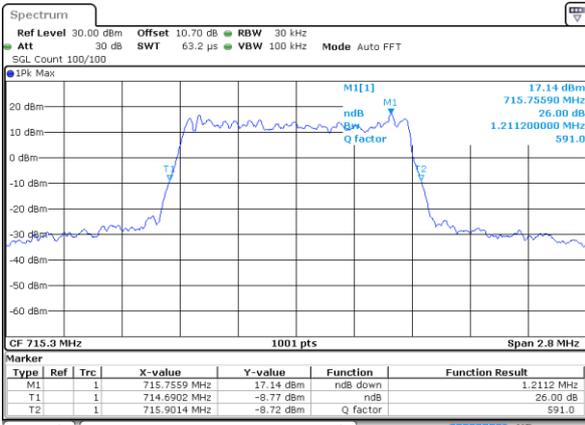
Date: 16 DEC 2019 10:40:10

Middle Channel / 1.4MHz / 16QAM



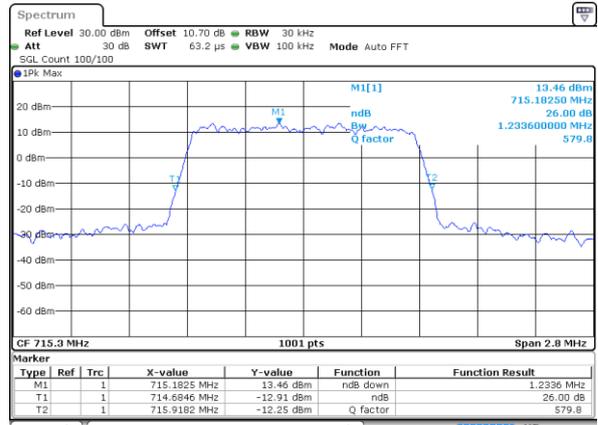
Date: 16 DEC 2019 10:40:21

Highest Channel / 1.4MHz / QPSK



Date: 16 DEC 2019 10:42:30

Highest Channel / 1.4MHz / 16QAM

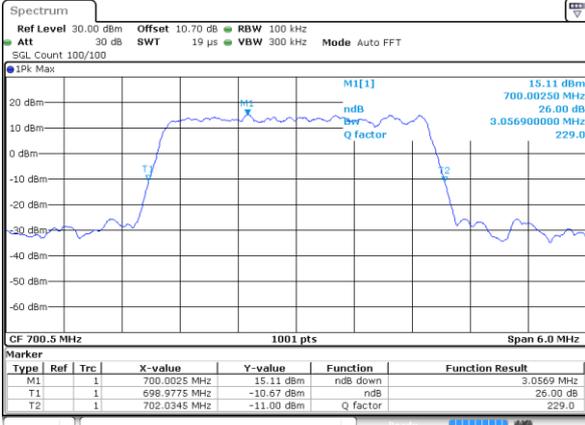


Date: 16 DEC 2019 10:42:18



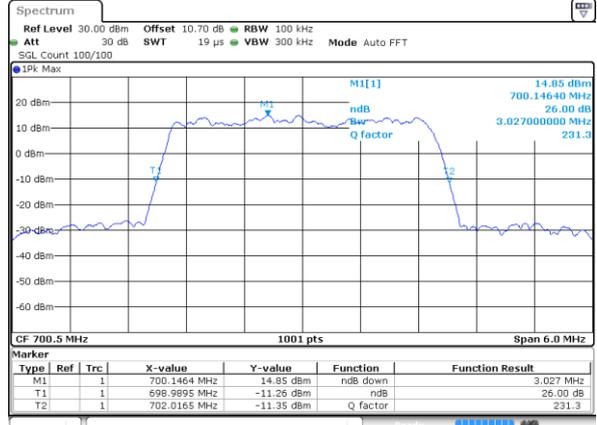
LTE Band 12

Lowest Channel / 3MHz / QPSK



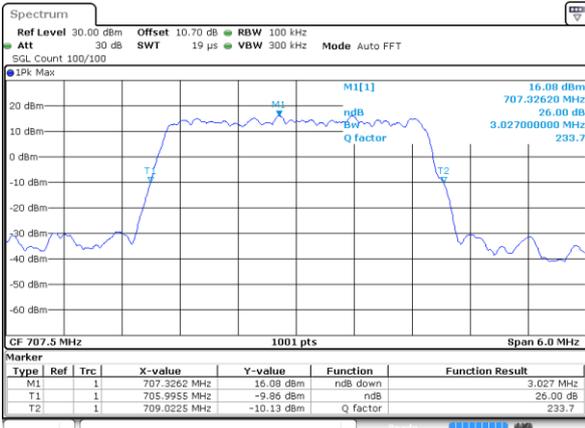
Date: 16 DEC 2019 10:48:44

Lowest Channel / 3MHz / 16QAM



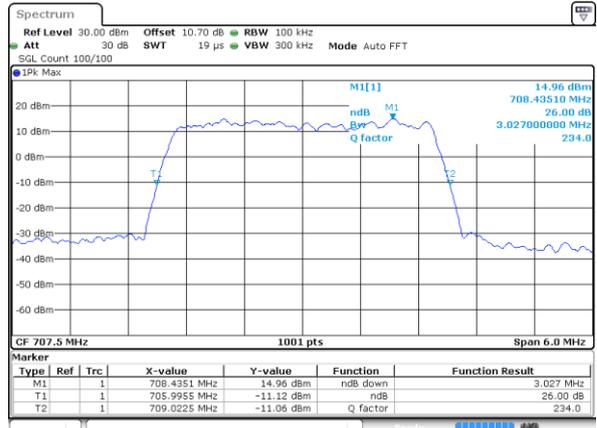
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Middle Channel / 3MHz / QPSK



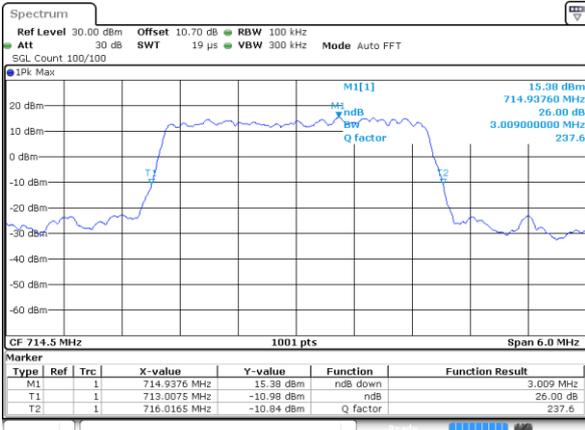
Date: 16 DEC 2019 10:54:44

Middle Channel / 3MHz / 16QAM



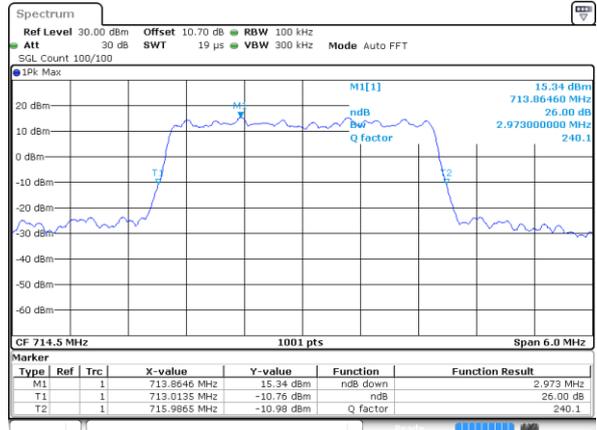
Date: 16 DEC 2019 10:54:55

Highest Channel / 3MHz / QPSK



Date: 16 DEC 2019 10:57:04

Highest Channel / 3MHz / 16QAM

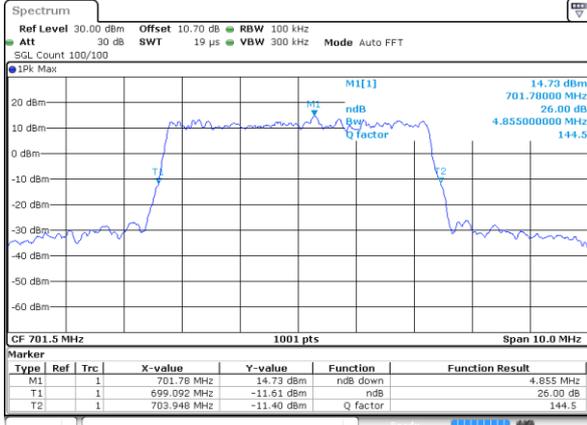


Date: 16 DEC 2019 10:56:52



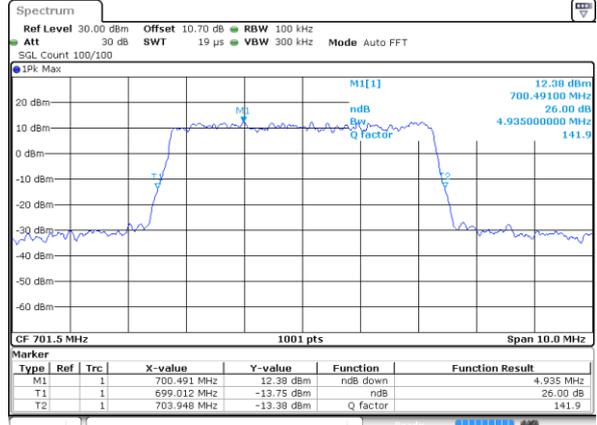
LTE Band 12

Lowest Channel / 5MHz / QPSK



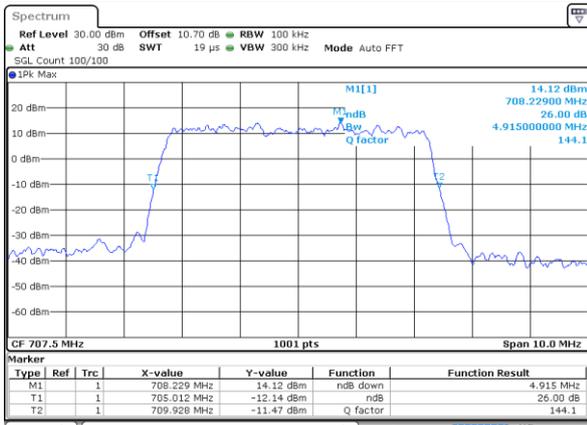
Date: 16 DEC 2019 11:03:19

Lowest Channel / 5MHz / 16QAM



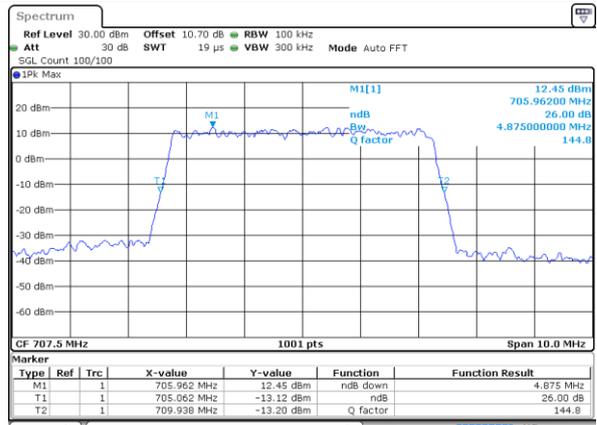
Date: 16 DEC 2019 11:03:07

Middle Channel / 5MHz / QPSK



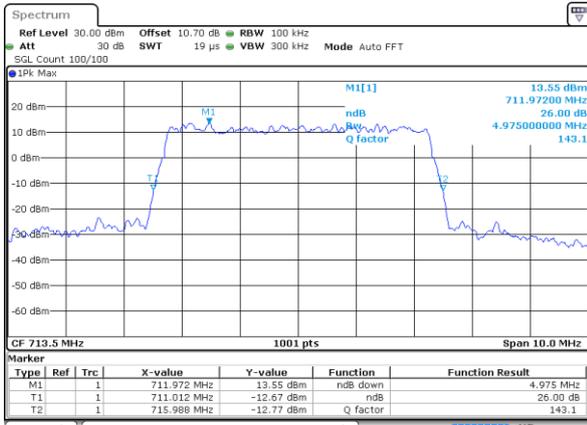
Date: 16 DEC 2019 11:14:47

Middle Channel / 5MHz / 16QAM



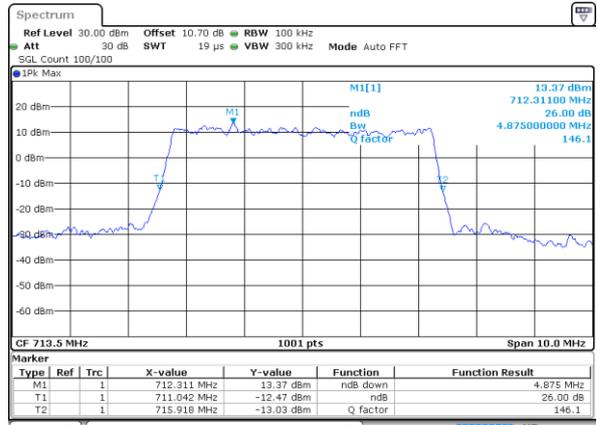
Date: 16 DEC 2019 11:14:58

Highest Channel / 5MHz / QPSK



Date: 16 DEC 2019 11:17:08

Highest Channel / 5MHz / 16QAM

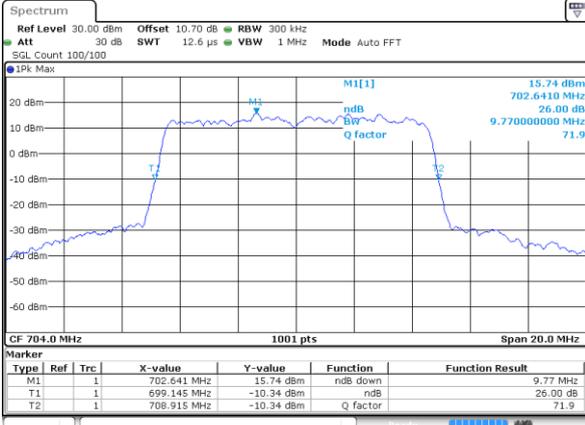


Date: 16 DEC 2019 11:16:56



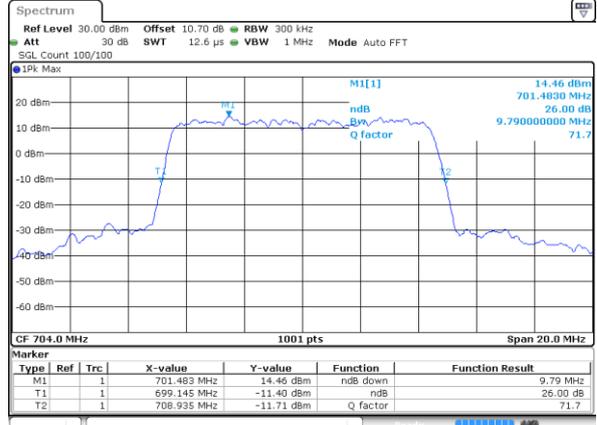
LTE Band 12

Lowest Channel / 10MHz / QPSK



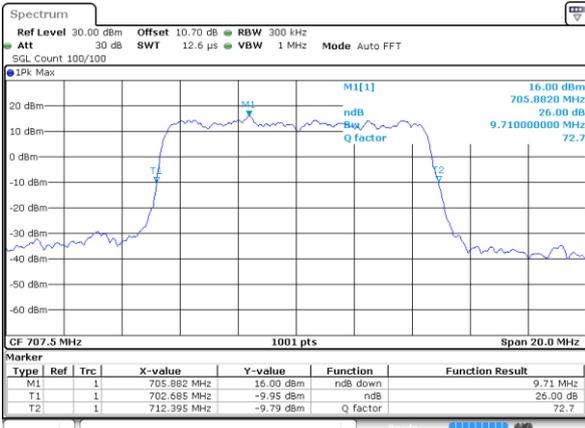
Date: 16 DEC 2019 11:23:21

Lowest Channel / 10MHz / 16QAM



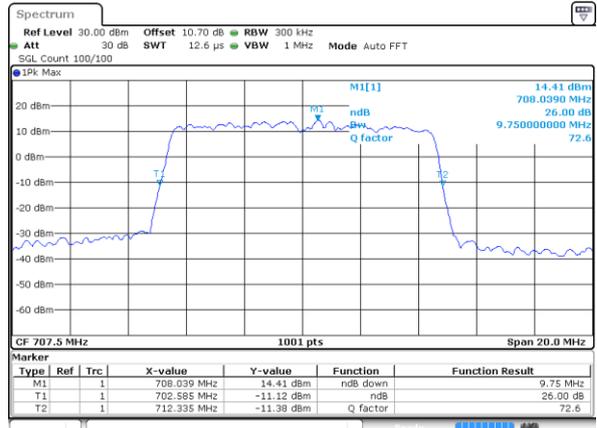
Date: 16 DEC 2019 11:23:09

Middle Channel / 10MHz / QPSK



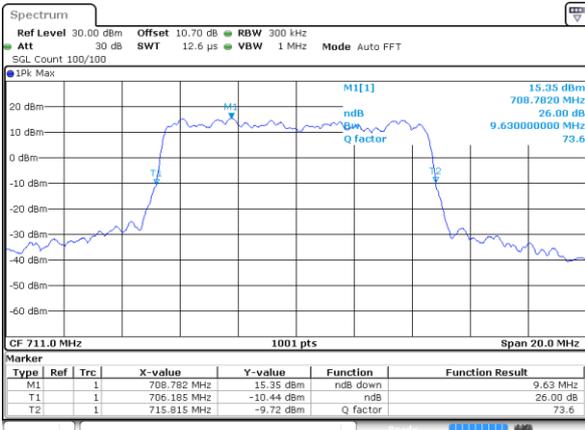
Date: 16 DEC 2019 11:29:21

Middle Channel / 10MHz / 16QAM



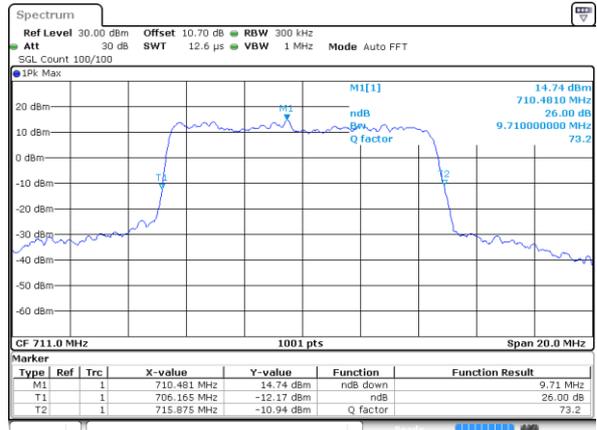
Date: 16 DEC 2019 11:29:32

Highest Channel / 10MHz / QPSK



Date: 16 DEC 2019 11:31:41

Highest Channel / 10MHz / 16QAM

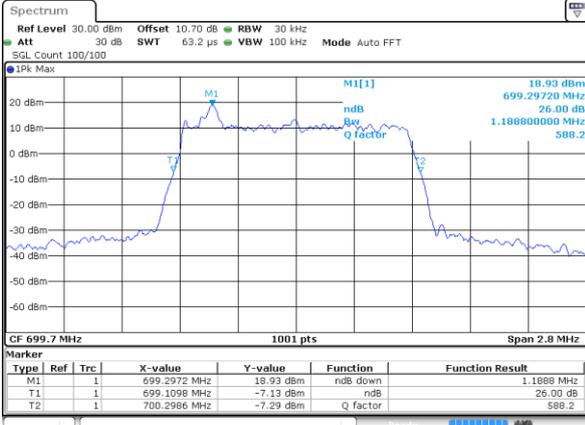


Date: 16 DEC 2019 11:31:29



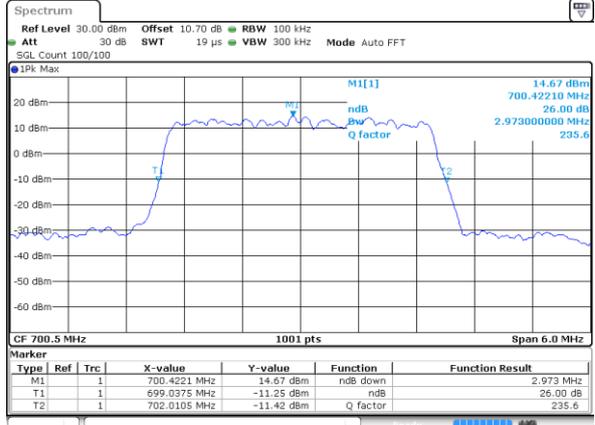
LTE Band 12

Lowest Channel / 1.4MHz / 64QAM



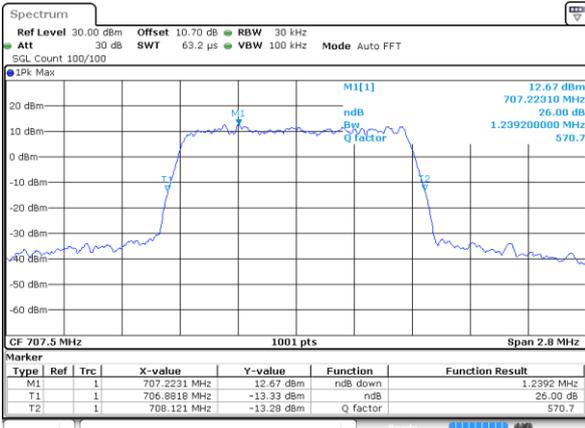
Date: 16 DEC 2019 14:33:15

Lowest Channel / 3MHz / 64QAM



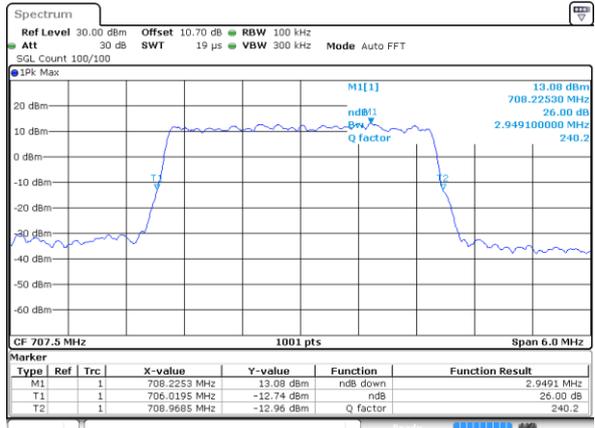
Date: 16 DEC 2019 14:40:31

Middle Channel / 1.4MHz / 64QAM



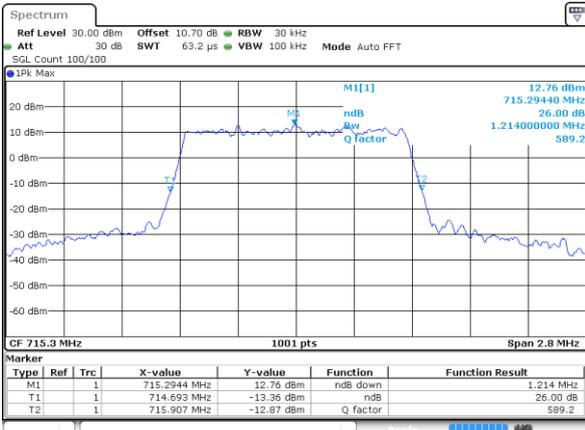
Date: 16 DEC 2019 14:36:21

Middle Channel / 3MHz / 64QAM



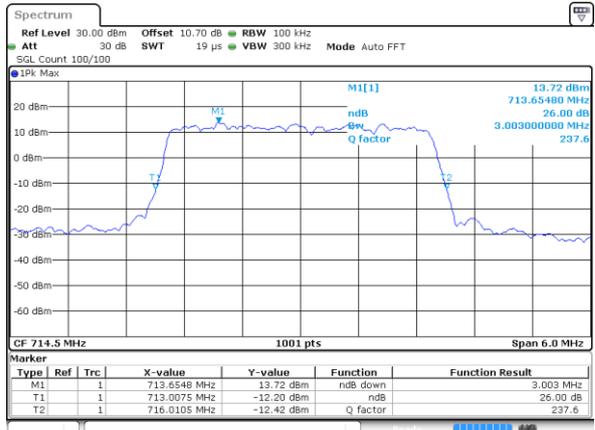
Date: 16 DEC 2019 14:43:37

Highest Channel / 1.4MHz / 64QAM



Date: 16 DEC 2019 14:37:25

Highest Channel / 3MHz / 64QAM

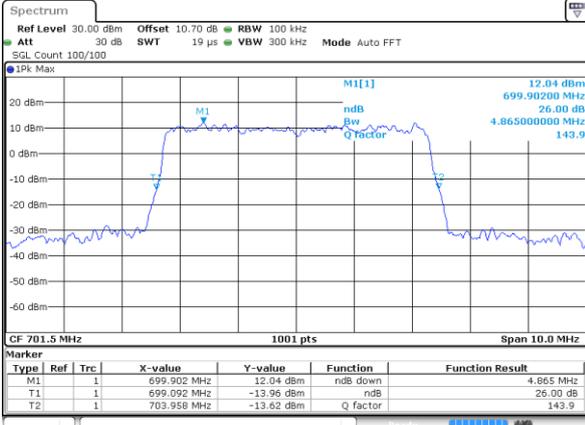


Date: 16 DEC 2019 14:44:41



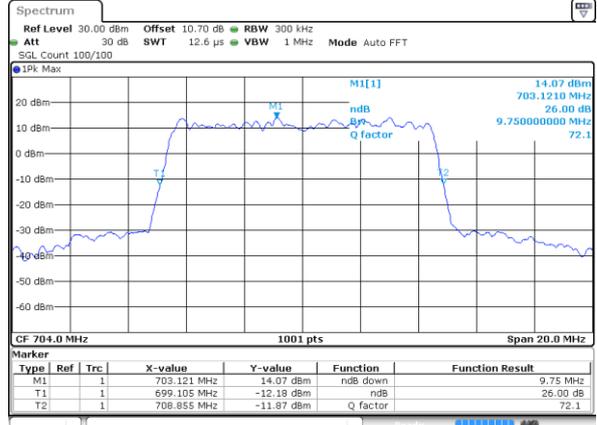
LTE Band 12

Lowest Channel / 5MHz / 64QAM



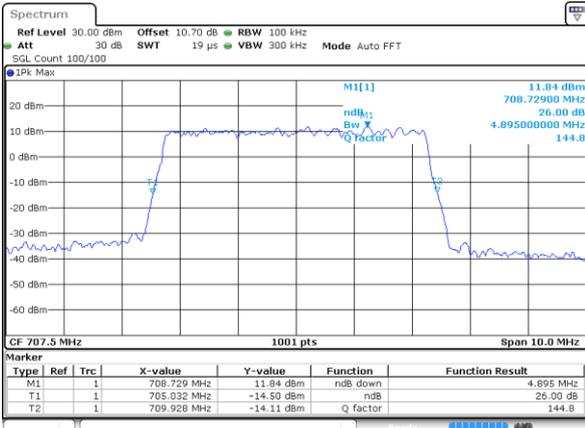
Date: 16 DEC 2019 14:47:48

Lowest Channel / 10MHz / 64QAM



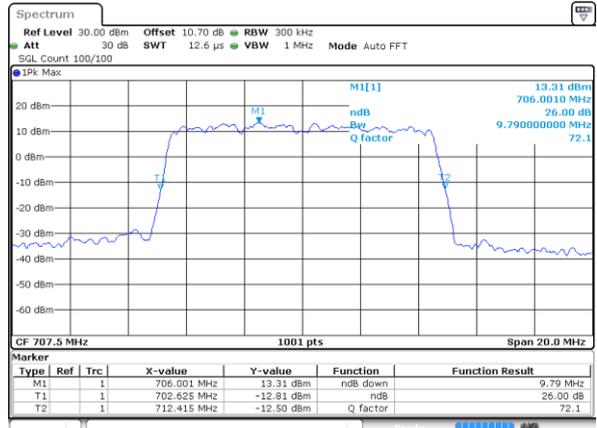
Date: 16 DEC 2019 14:55:05

Middle Channel / 5MHz / 64QAM



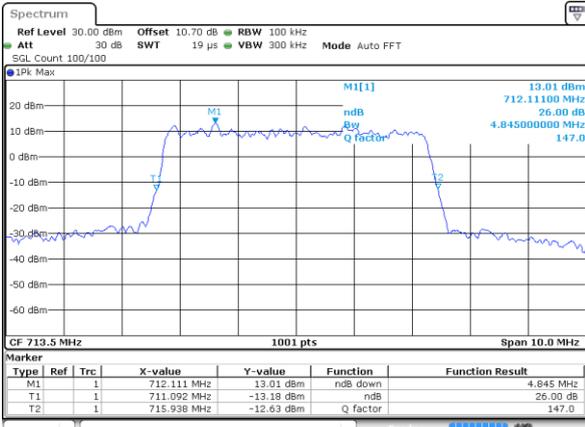
Date: 16 DEC 2019 14:50:54

Middle Channel / 10MHz / 64QAM



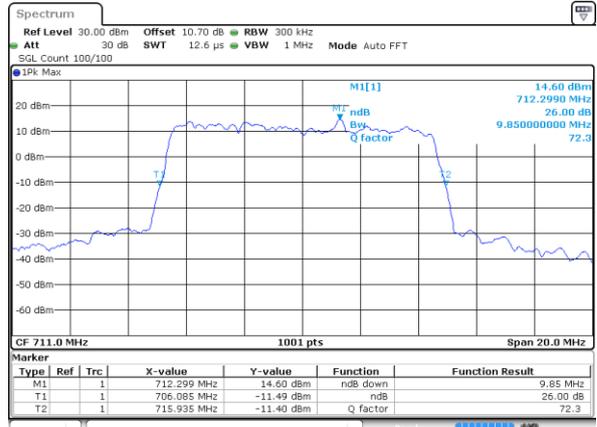
Date: 16 DEC 2019 14:58:10

Highest Channel / 5MHz / 64QAM



Date: 16 DEC 2019 14:51:58

Highest Channel / 10MHz / 64QAM



Date: 16 DEC 2019 14:59:14



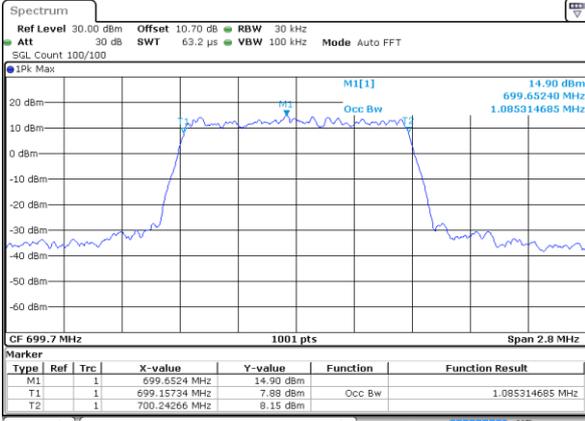
**Occupied Bandwidth**

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	1.08	2.73	2.70	4.49	4.48	8.97	9.01	-	-	-	-
Middle CH	1.10	1.09	2.71	2.70	4.49	4.48	9.07	8.99	-	-	-	-
Highest CH	1.09	1.09	2.72	2.72	4.48	4.49	9.01	9.01	-	-	-	-
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	-	2.73	-	4.51	-	8.95	-	-	-	-	-
Middle CH	1.10	-	2.71	-	4.51	-	8.99	-	-	-	-	-
Highest CH	1.09	-	2.72	-	4.51	-	9.03	-	-	-	-	-



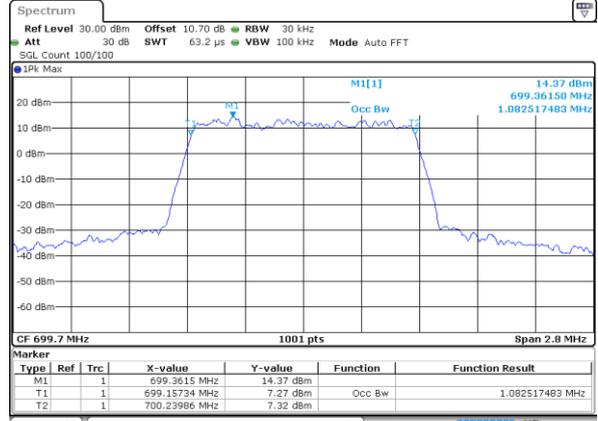
LTE Band 12

Lowest Channel / 1.4MHz / QPSK



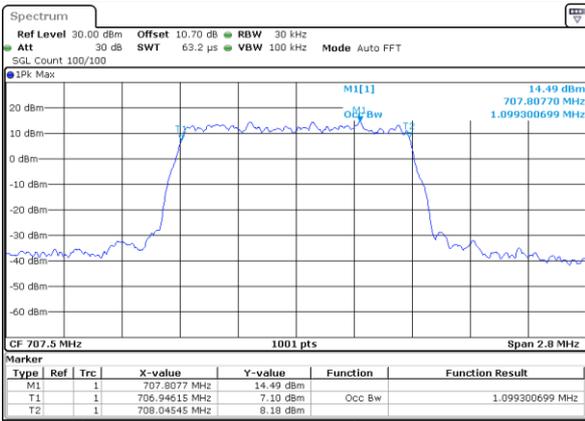
Date: 16 DEC 2019 14:29:49

Lowest Channel / 1.4MHz / 16QAM



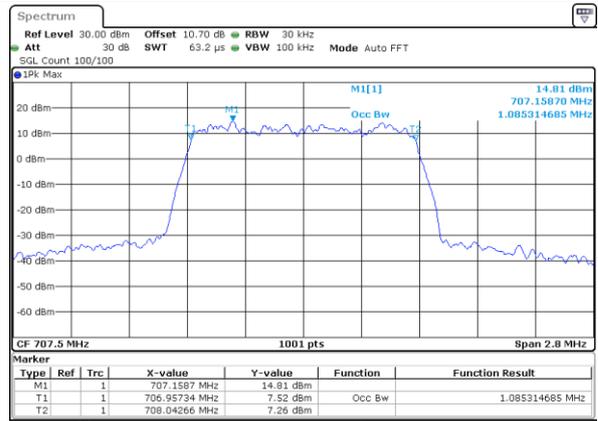
Date: 16 DEC 2019 14:30:01

Middle Channel / 1.4MHz / QPSK



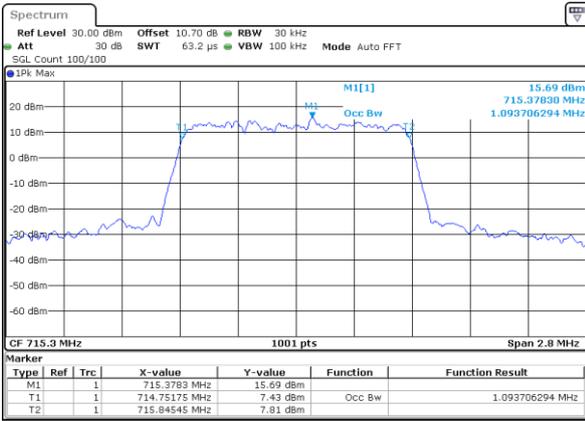
Date: 16 DEC 2019 10:39:58

Middle Channel / 1.4MHz / 16QAM



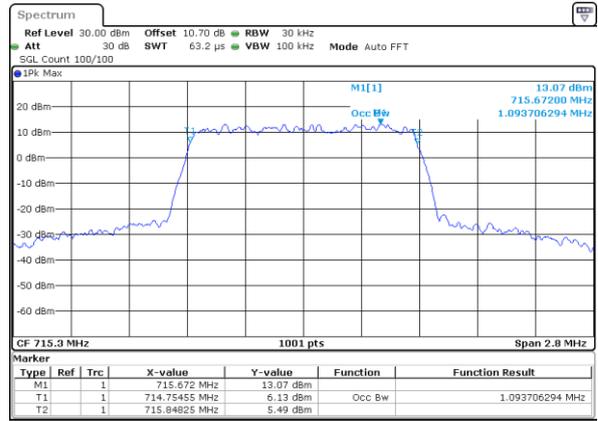
Date: 16 DEC 2019 10:39:47

Highest Channel / 1.4MHz / QPSK



Date: 16 DEC 2019 10:41:53

Highest Channel / 1.4MHz / 16QAM

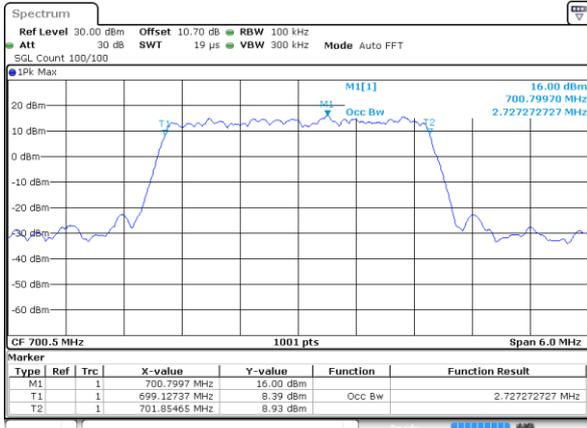


Date: 16 DEC 2019 10:42:06



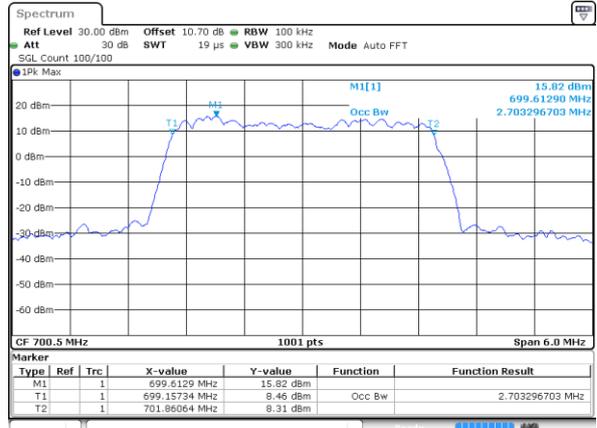
LTE Band 12

Lowest Channel / 3MHz / QPSK



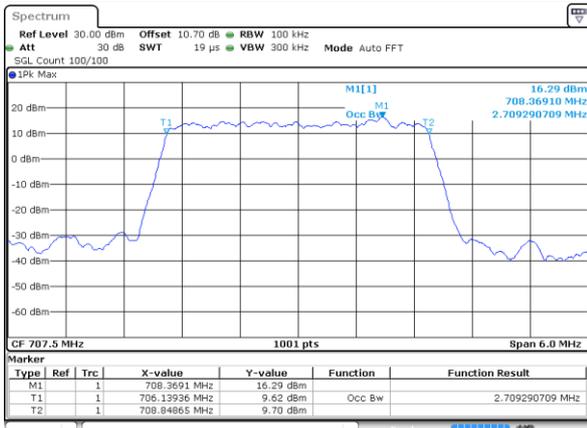
Date: 16 DEC 2019 10:48:07

Lowest Channel / 3MHz / 16QAM



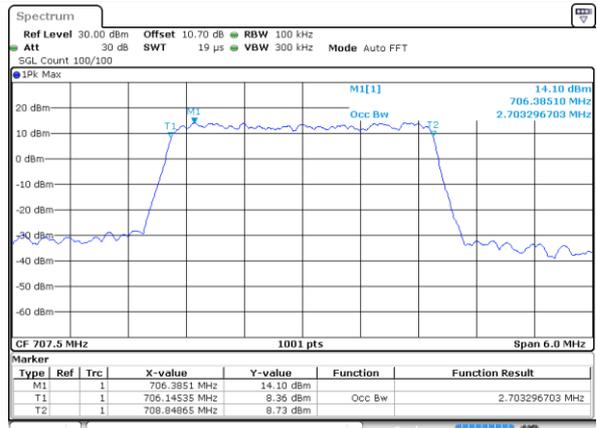
Date: 16 DEC 2019 10:48:20

Middle Channel / 3MHz / QPSK



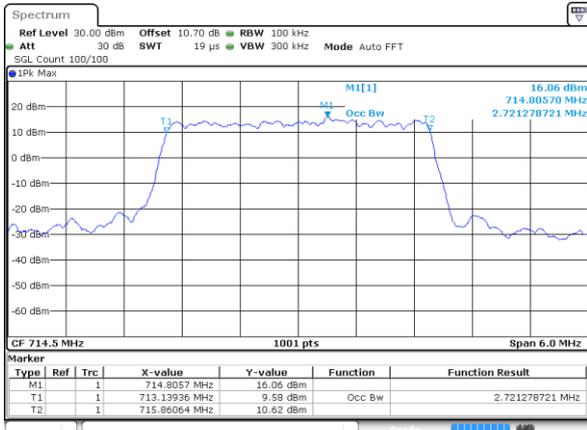
Date: 16 DEC 2019 10:54:32

Middle Channel / 3MHz / 16QAM



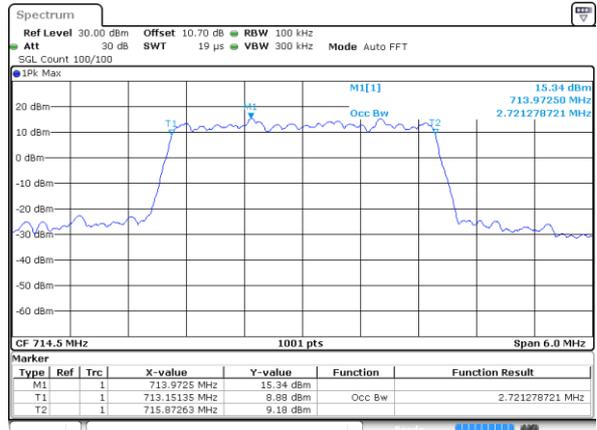
Date: 16 DEC 2019 10:54:21

Highest Channel / 3MHz / QPSK



Date: 16 DEC 2019 10:56:28

Highest Channel / 3MHz / 16QAM

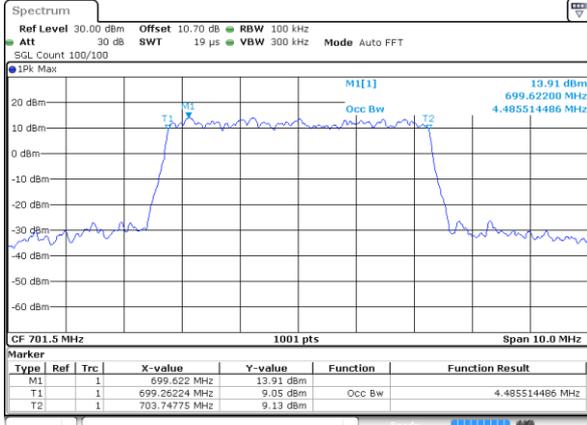


Date: 16 DEC 2019 10:56:40



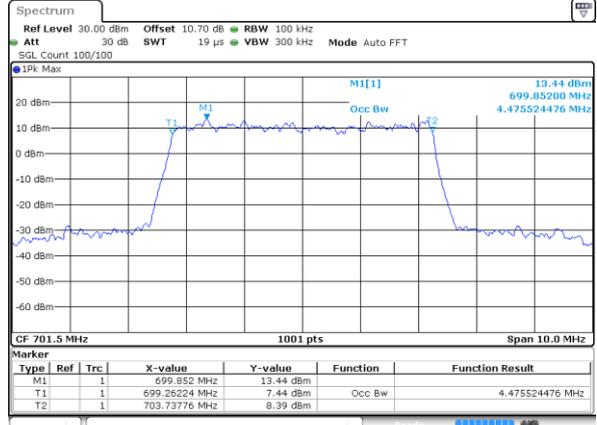
LTE Band 12

Lowest Channel / 5MHz / QPSK



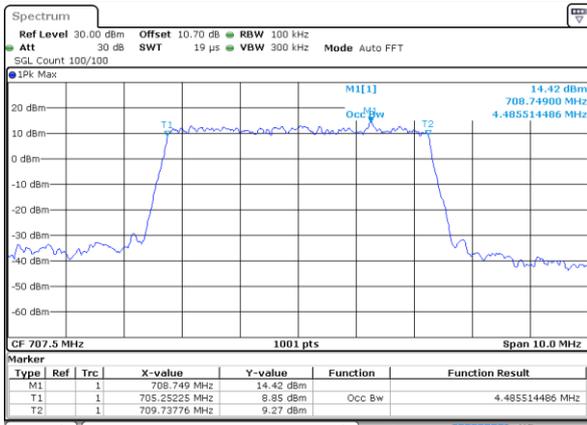
Date: 16 DEC 2019 11:02:43

Lowest Channel / 5MHz / 16QAM



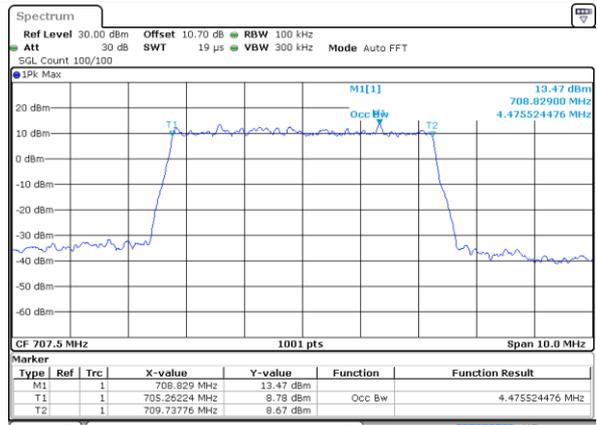
Date: 16 DEC 2019 11:02:55

Middle Channel / 5MHz / QPSK



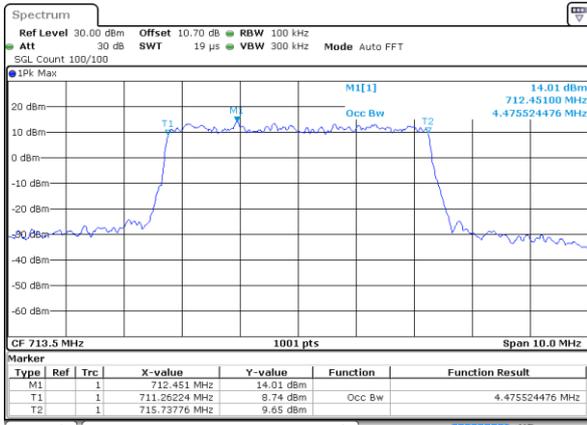
Date: 16 DEC 2019 11:14:35

Middle Channel / 5MHz / 16QAM



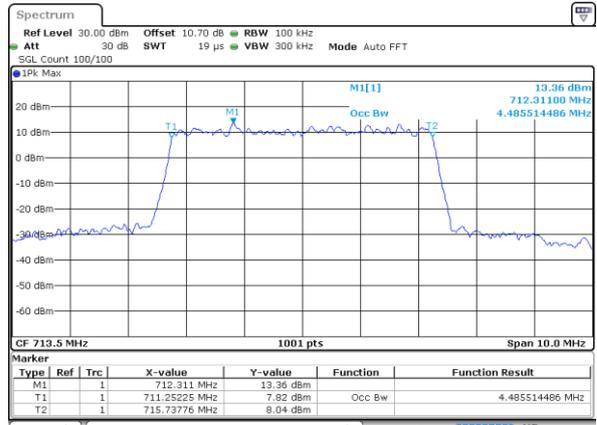
Date: 16 DEC 2019 11:14:23

Highest Channel / 5MHz / QPSK



Date: 16 DEC 2019 11:16:31

Highest Channel / 5MHz / 16QAM

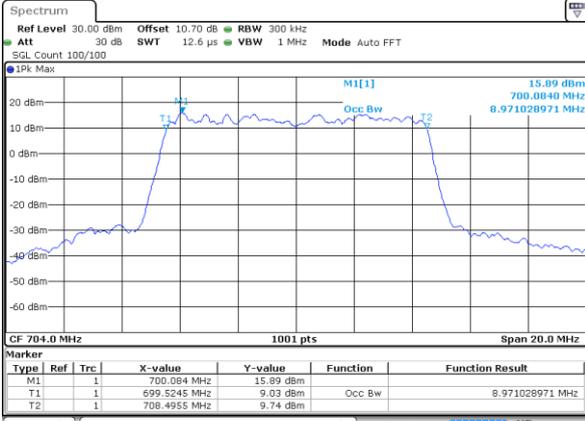


Date: 16 DEC 2019 11:16:43



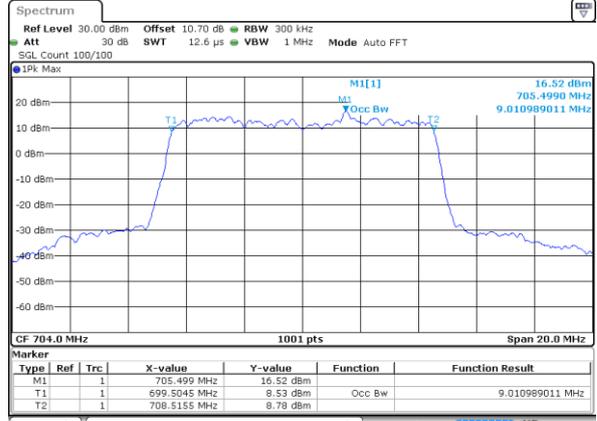
LTE Band 12

Lowest Channel / 10MHz / QPSK



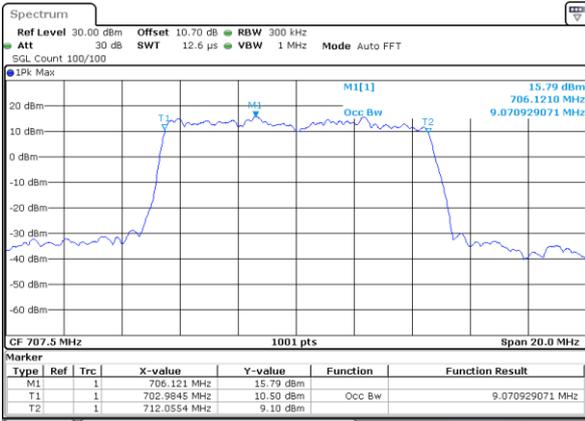
Date: 16 DEC 2019 11:22:45

Lowest Channel / 10MHz / 16QAM



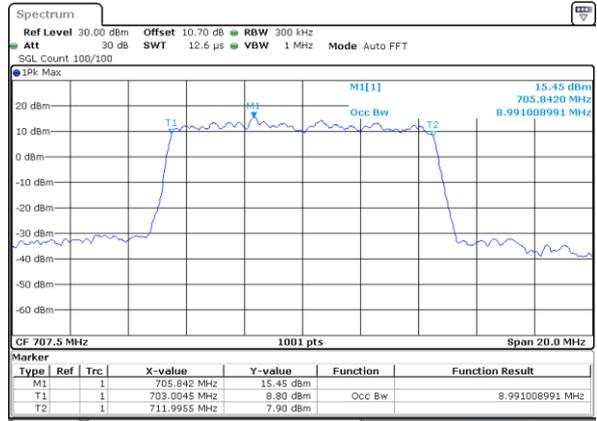
Date: 16 DEC 2019 11:22:57

Middle Channel / 10MHz / QPSK



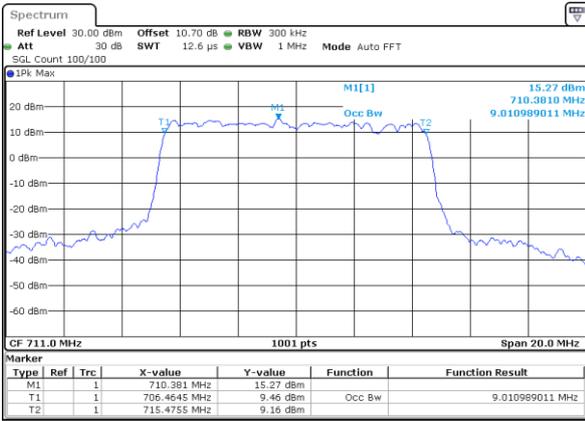
Date: 16 DEC 2019 11:29:10

Middle Channel / 10MHz / 16QAM



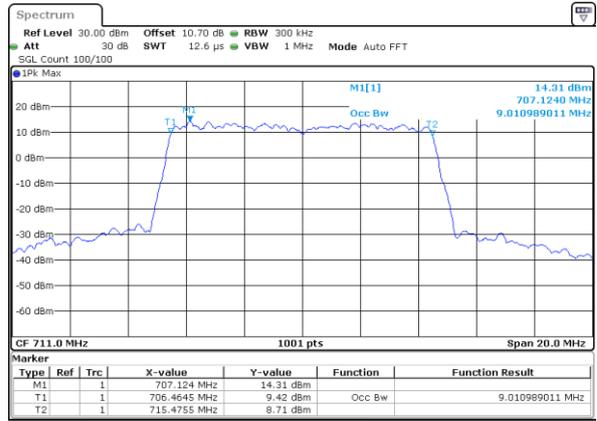
Date: 16 DEC 2019 11:28:58

Highest Channel / 10MHz / QPSK



Date: 16 DEC 2019 11:31:05

Highest Channel / 10MHz / 16QAM

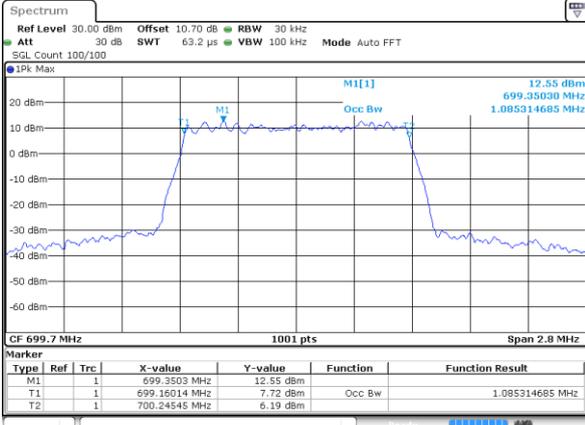


Date: 16 DEC 2019 11:31:17



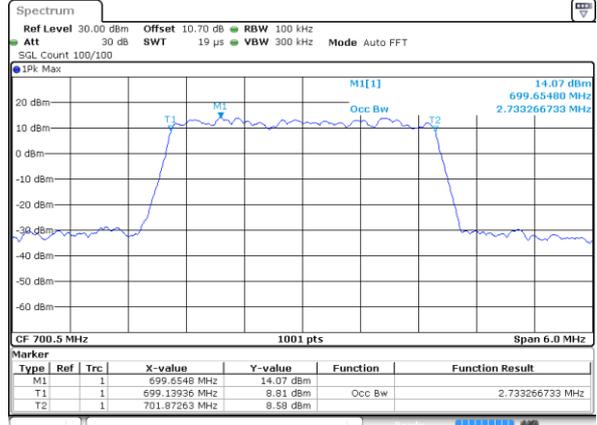
LTE Band 12

Lowest Channel / 1.4MHz / 64QAM



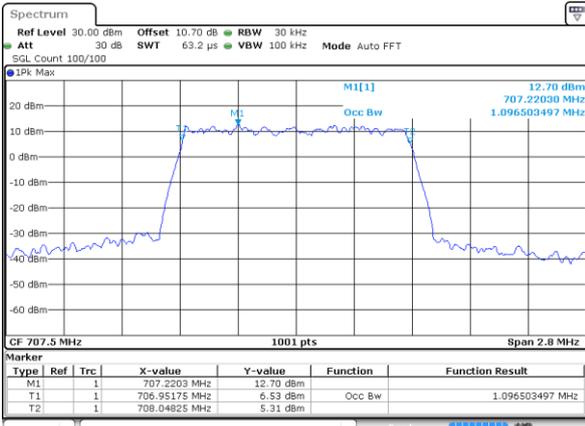
Date: 16 DEC 2019 14:33:03

Lowest Channel / 3MHz / 64QAM



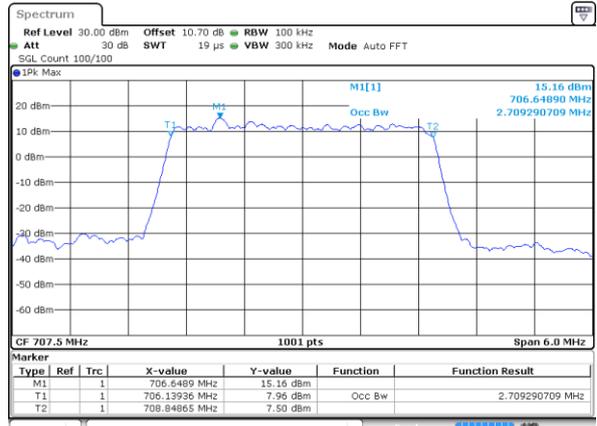
Date: 16 DEC 2019 14:40:19

Middle Channel / 1.4MHz / 64QAM



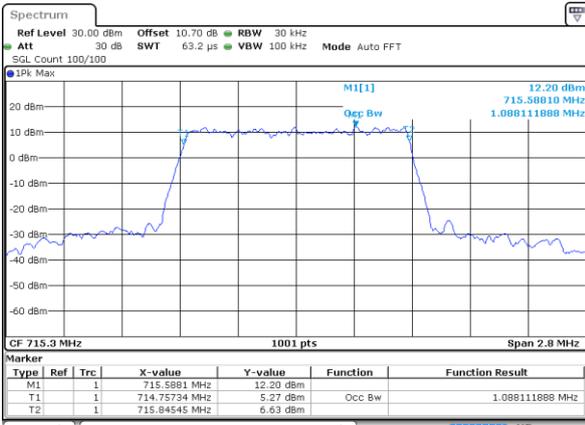
Date: 16 DEC 2019 14:36:10

Middle Channel / 3MHz / 64QAM



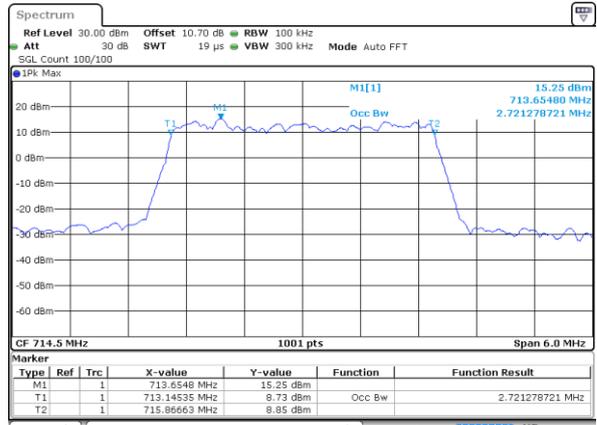
Date: 16 DEC 2019 14:43:25

Highest Channel / 1.4MHz / 64QAM



Date: 16 DEC 2019 14:37:13

Highest Channel / 3MHz / 64QAM

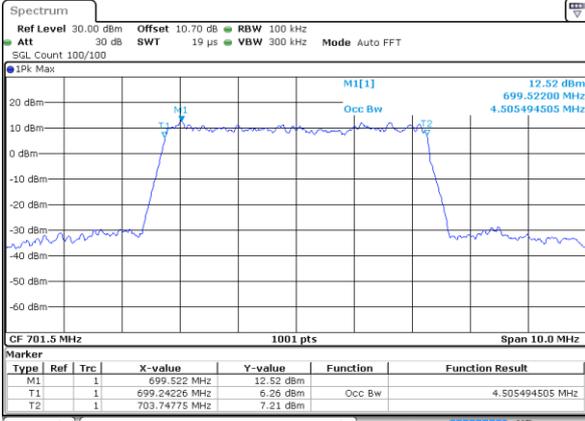


Date: 16 DEC 2019 14:44:29



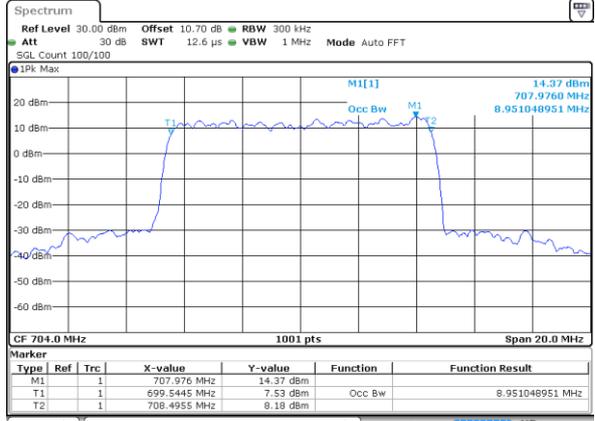
LTE Band 12

Lowest Channel / 5MHz / 64QAM



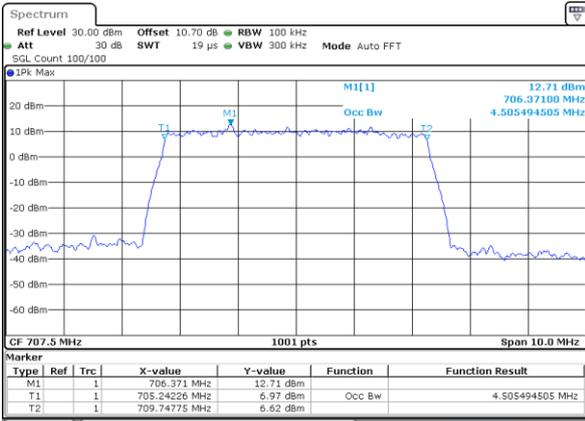
Date: 16 DEC 2019 14:47:36

Lowest Channel / 10MHz / 64QAM



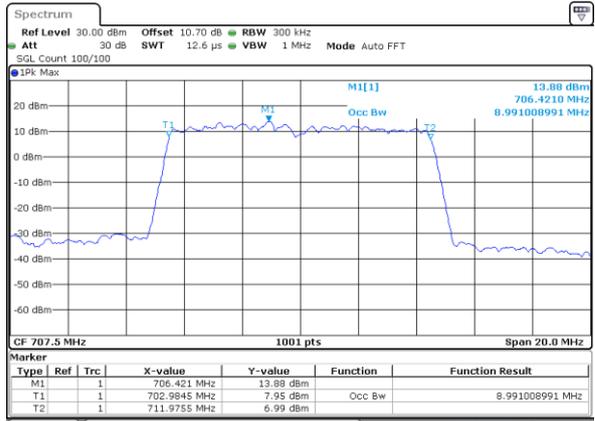
Date: 16 DEC 2019 14:54:53

Middle Channel / 5MHz / 64QAM



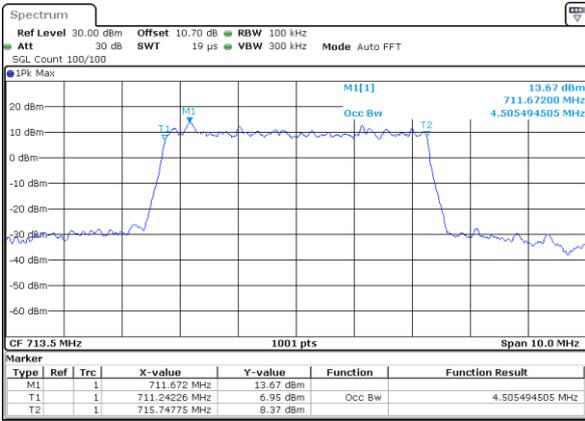
Date: 16 DEC 2019 14:50:43

Middle Channel / 10MHz / 64QAM



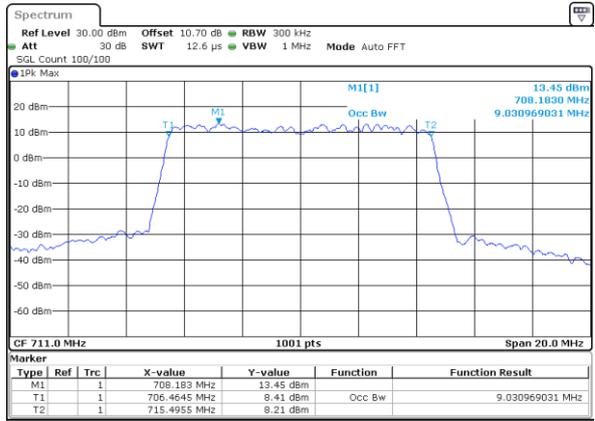
Date: 16 DEC 2019 14:57:59

Highest Channel / 5MHz / 64QAM



Date: 16 DEC 2019 14:51:46

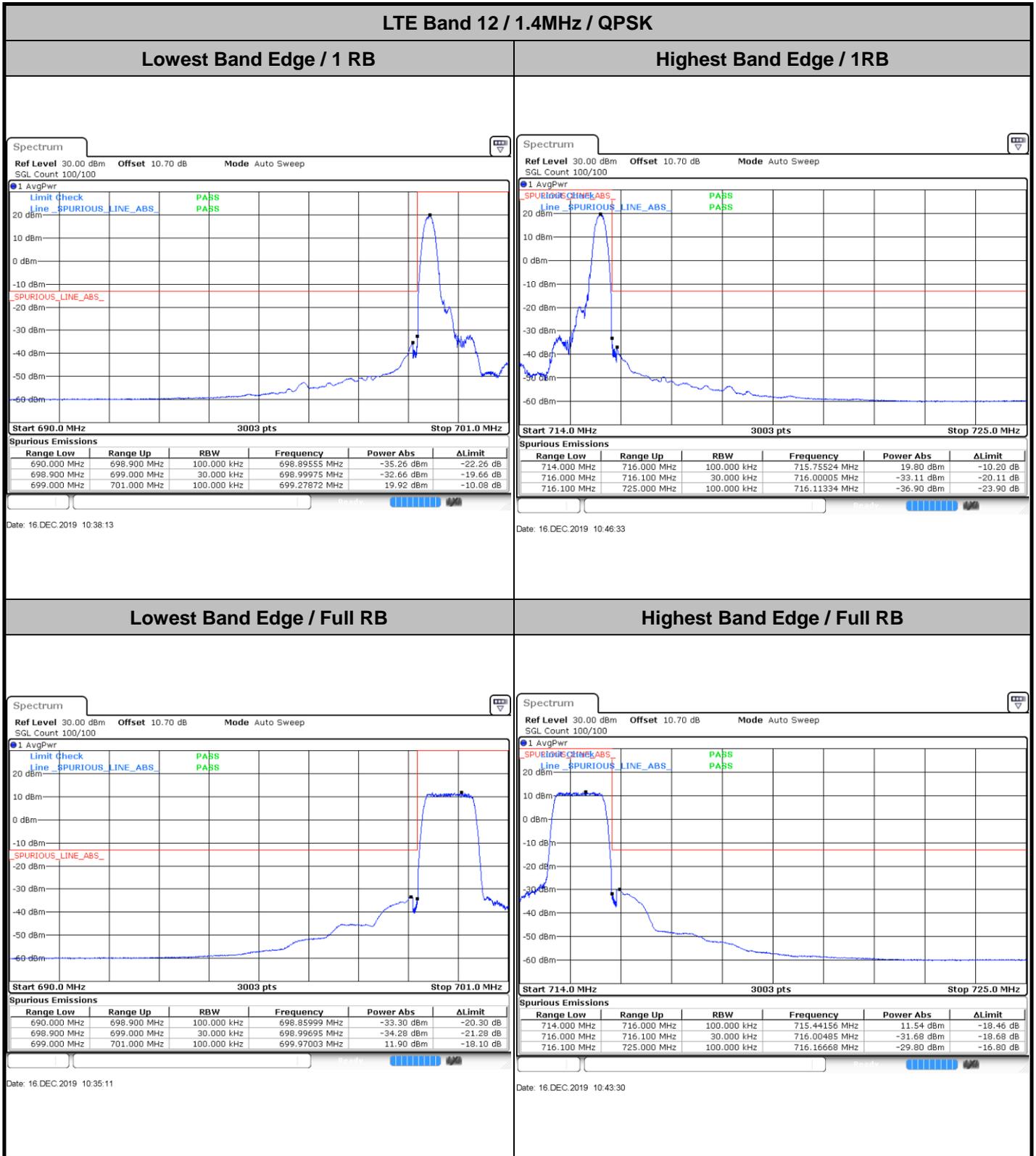
Highest Channel / 10MHz / 64QAM



Date: 16 DEC 2019 14:59:02



# Conducted Band Edge





LTE Band 12 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



Date: 17.DEC.2019 21:29:09

Highest Band Edge / 1 RB



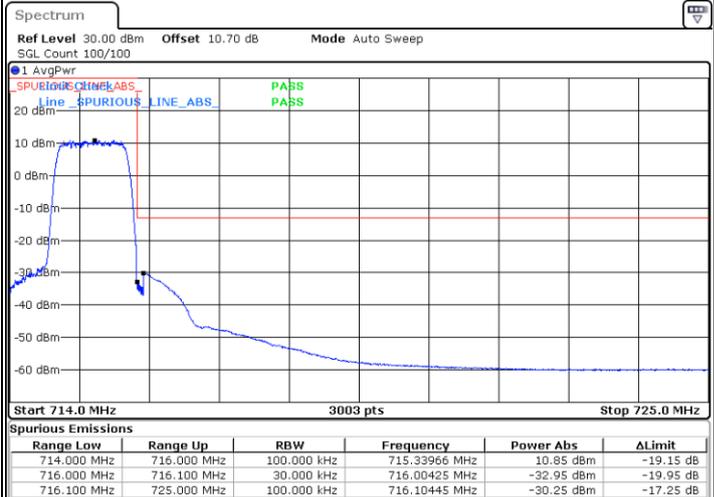
Date: 16.DEC.2019 10:45:32

Lowest Band Edge / Full RB



Date: 16.DEC.2019 10:36:11

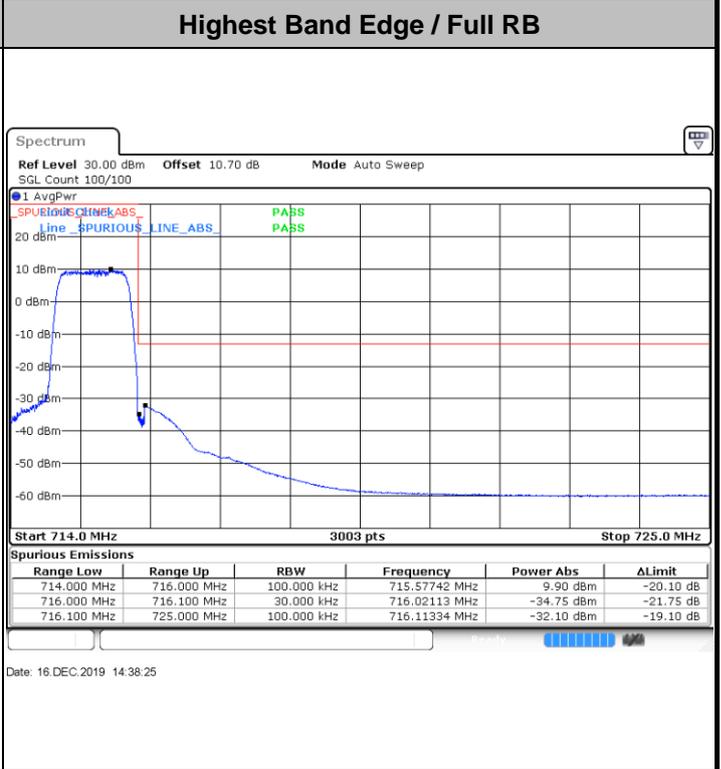
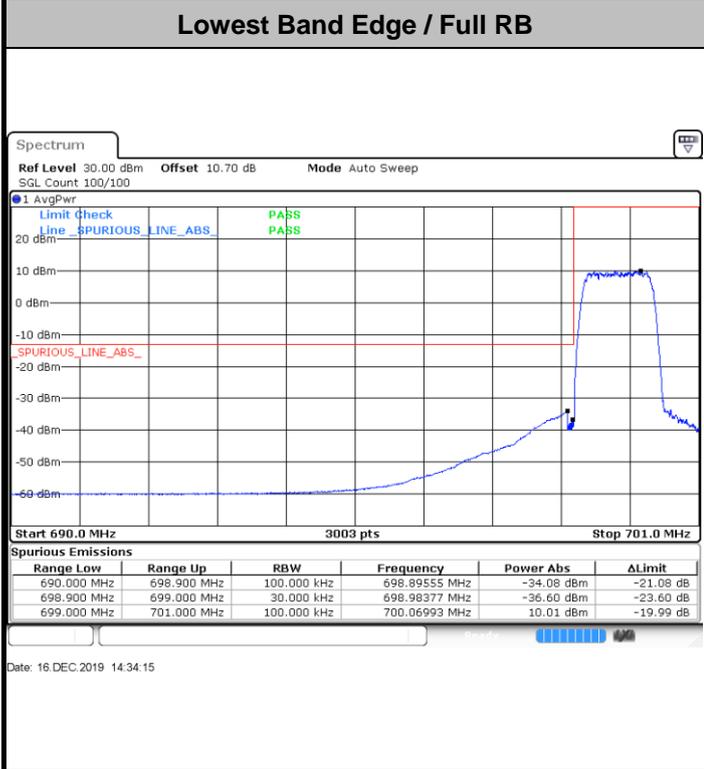
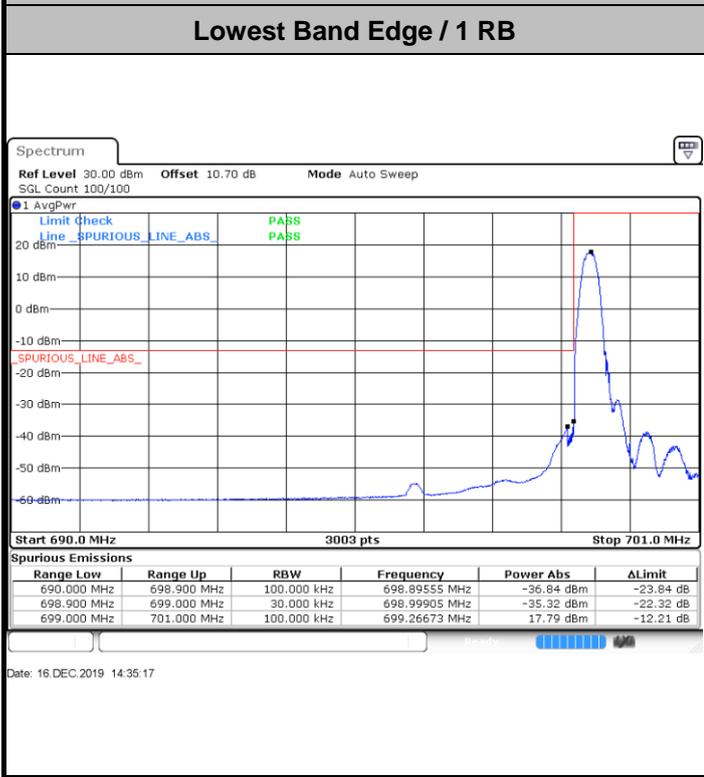
Highest Band Edge / Full RB



Date: 16.DEC.2019 10:44:31



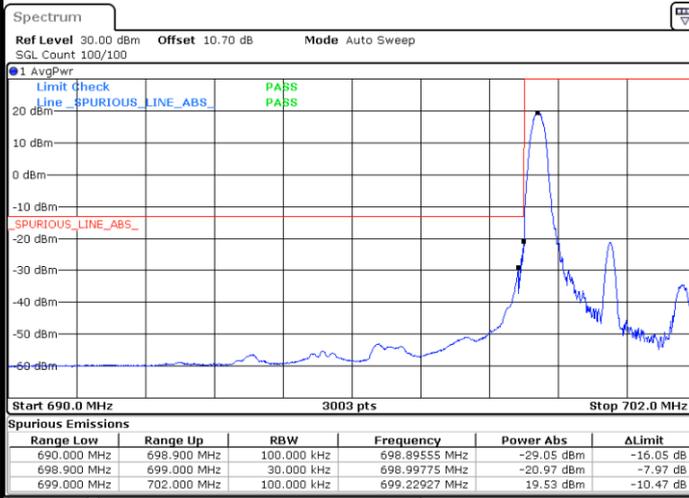
**LTE Band 12 / 1.4MHz / 64QAM**





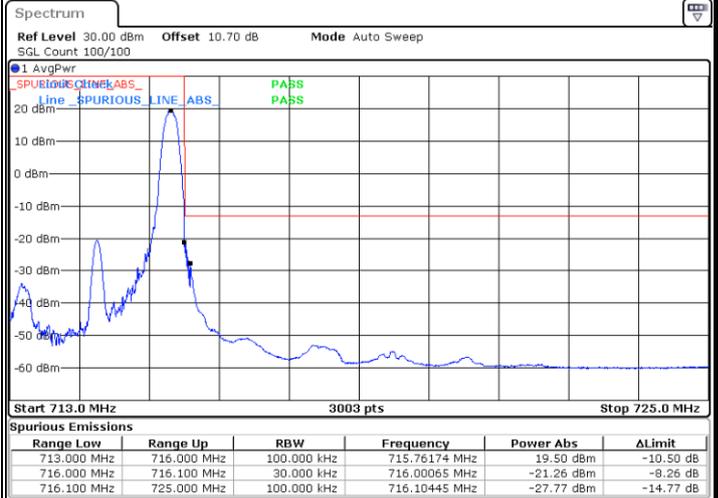
LTE Band 12 / 3MHz / QPSK

Lowest Band Edge / 1RB



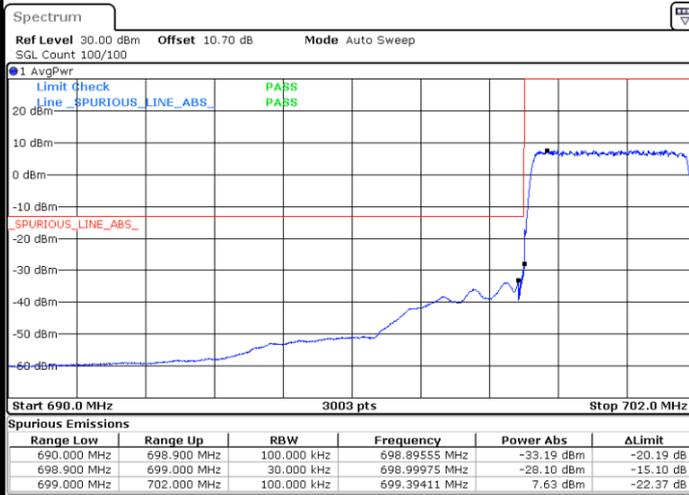
Date: 16 DEC 2019 10:52:47

Highest Band Edge / 1 RB



Date: 16 DEC 2019 11:01:08

Lowest Band Edge / Full RB



Date: 16 DEC 2019 10:49:44

Highest Band Edge / Full RB

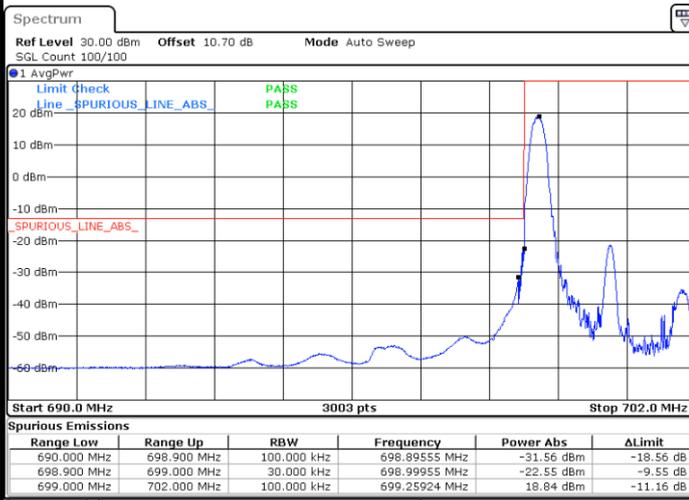


Date: 16 DEC 2019 10:58:05



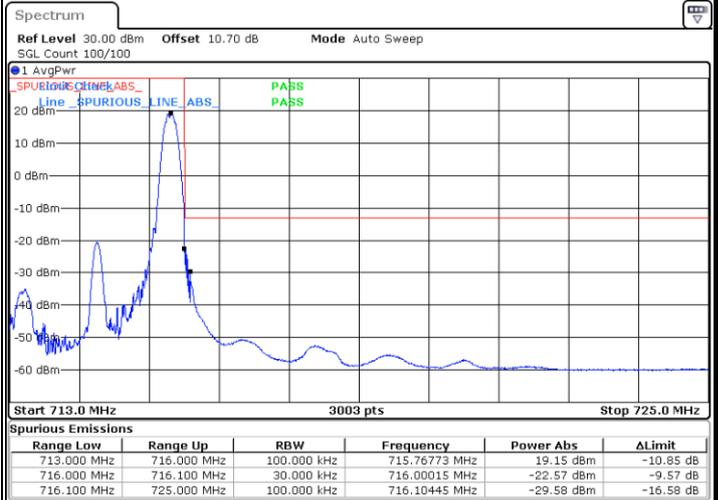
LTE Band 12 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



Date: 16 DEC 2019 10:51:46

Highest Band Edge / 1 RB



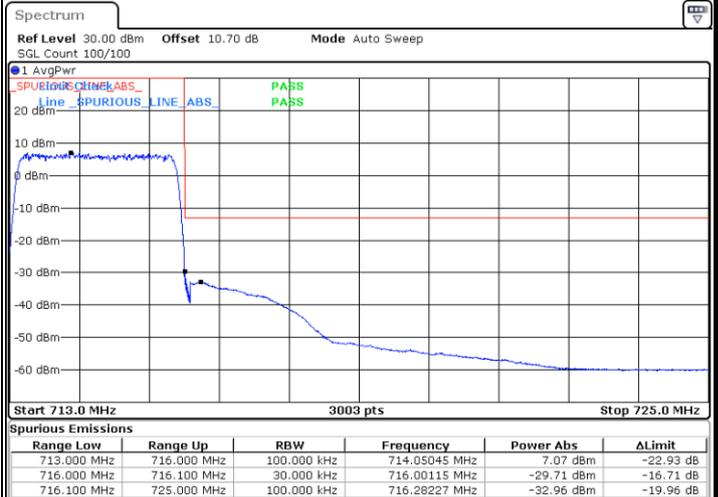
Date: 16 DEC 2019 11:00:07

Lowest Band Edge / Full RB



Date: 16 DEC 2019 10:50:45

Highest Band Edge / Full RB



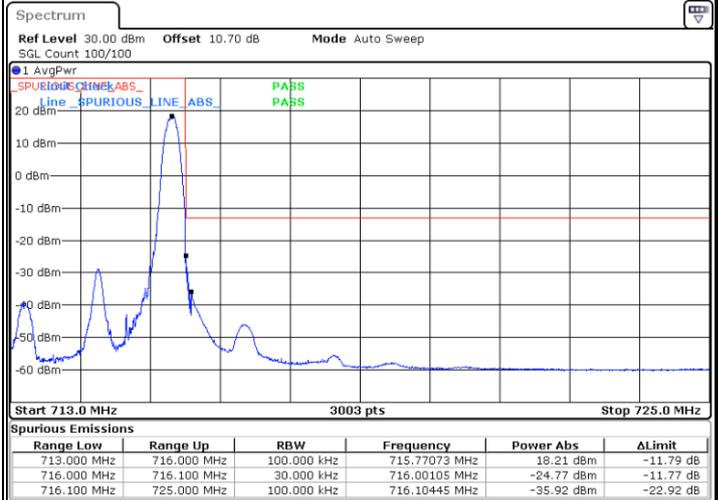
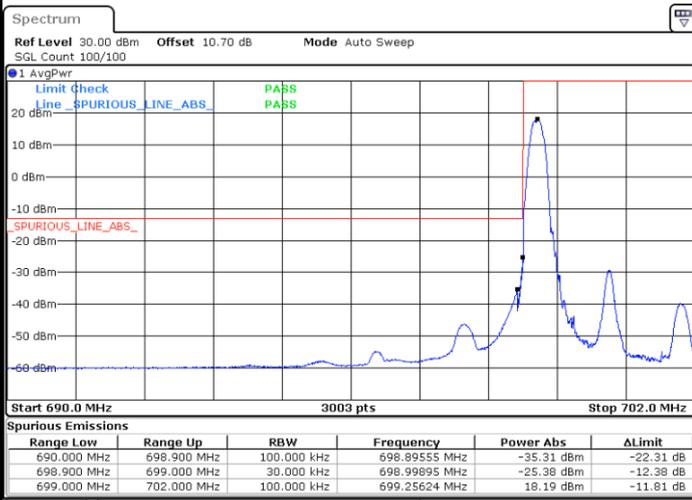
Date: 16 DEC 2019 10:59:06



LTE Band 12 / 3MHz / 64QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

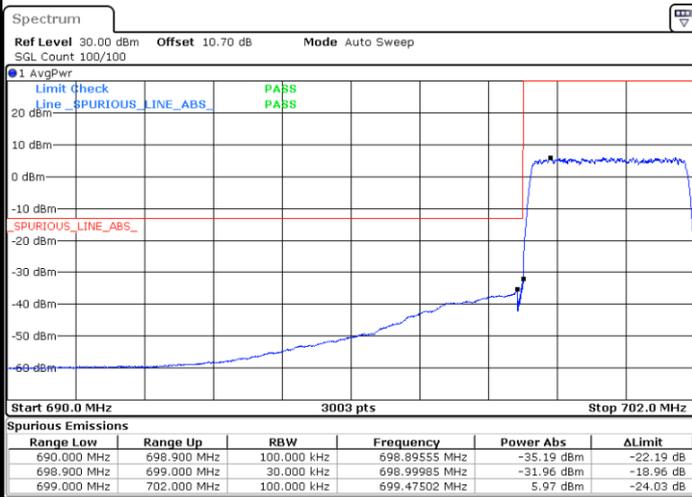


Date: 16 DEC 2019 14:42:32

Date: 16 DEC 2019 14:46:42

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



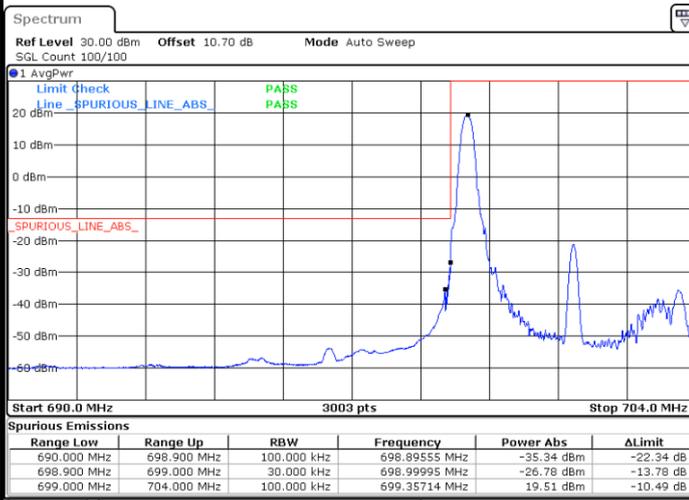
Date: 16 DEC 2019 14:41:32

Date: 16 DEC 2019 14:45:42



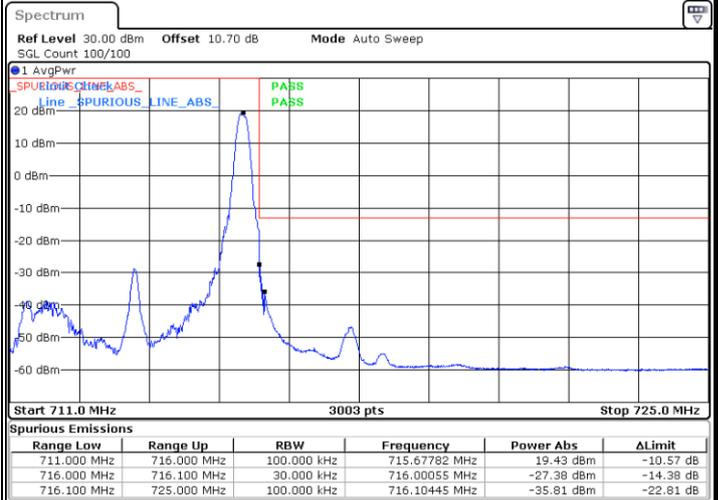
LTE Band 12 / 5MHz / QPSK

Lowest Band Edge / 1 RB



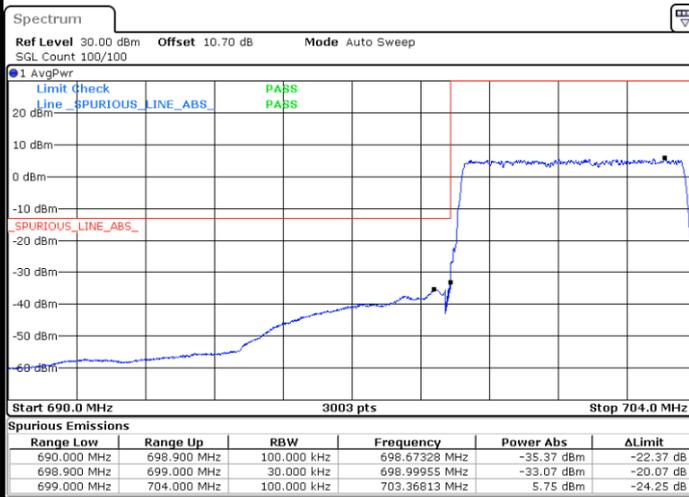
Date: 16 DEC 2019 11:07:22

Highest Band Edge / 1 RB



Date: 16 DEC 2019 11:20:10

Lowest Band Edge / Full RB



Date: 16 DEC 2019 11:04:20

Highest Band Edge / Full RB

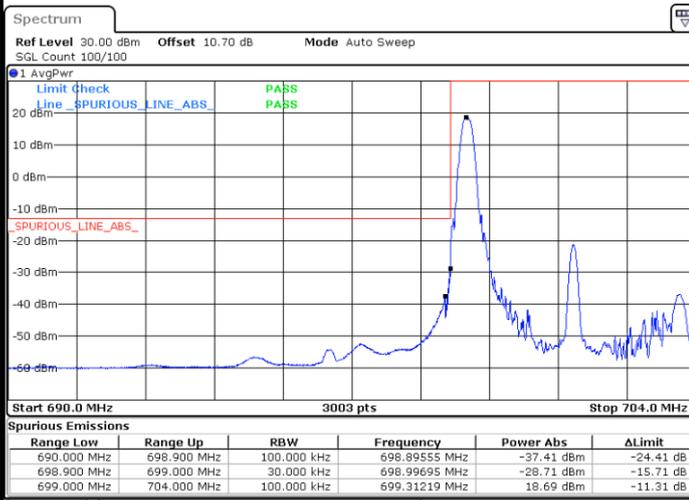


Date: 16 DEC 2019 11:18:08



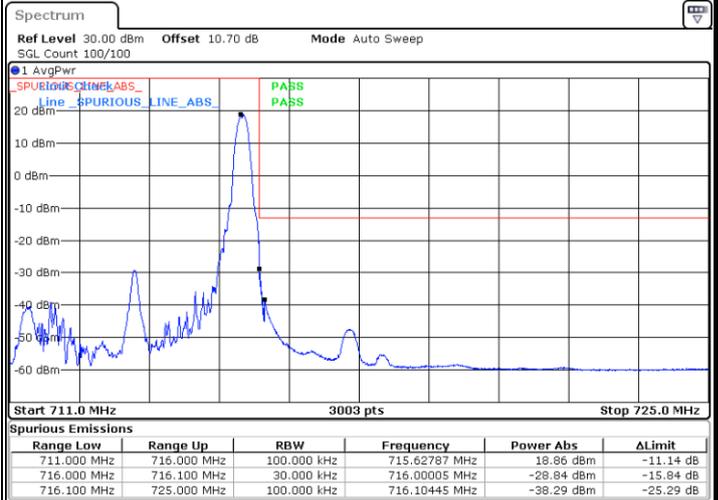
LTE Band 12 / 5MHz / 16QAM

Lowest Band Edge / 1RB



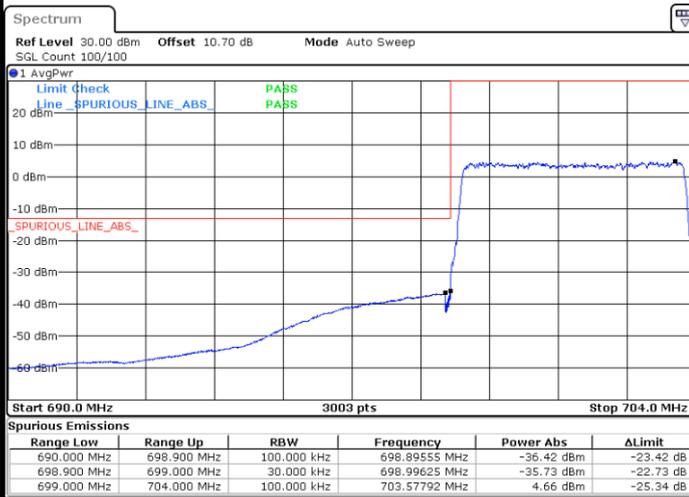
Date: 16 DEC 2019 11:06:22

Highest Band Edge / 1 RB



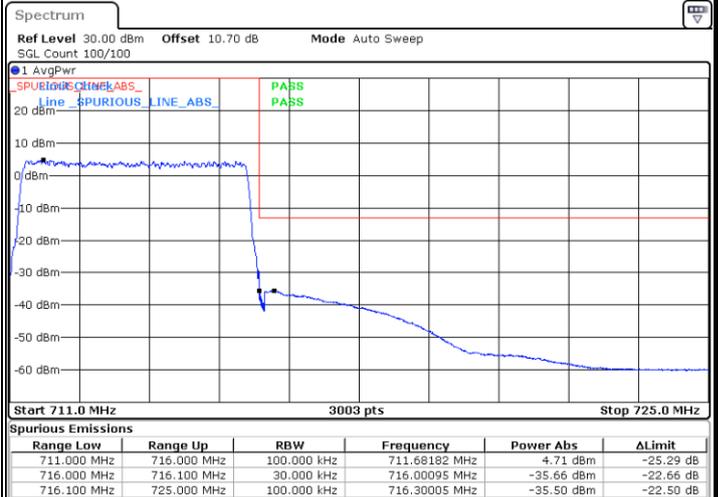
Date: 16 DEC 2019 11:21:11

Lowest Band Edge / Full RB



Date: 16 DEC 2019 11:05:21

Highest Band Edge / Full RB

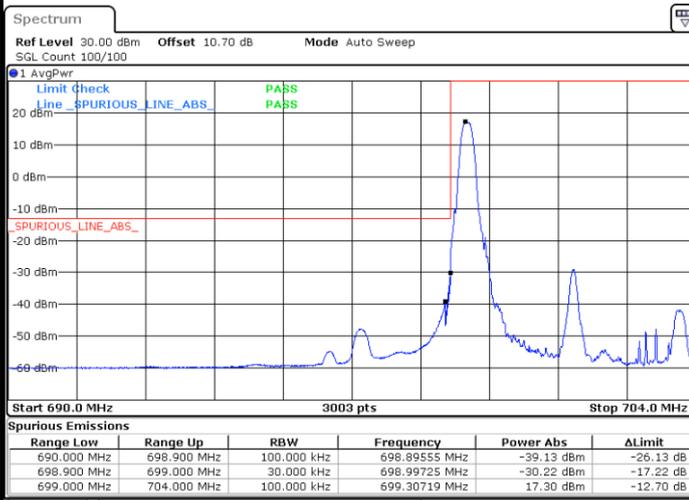


Date: 16 DEC 2019 11:19:09



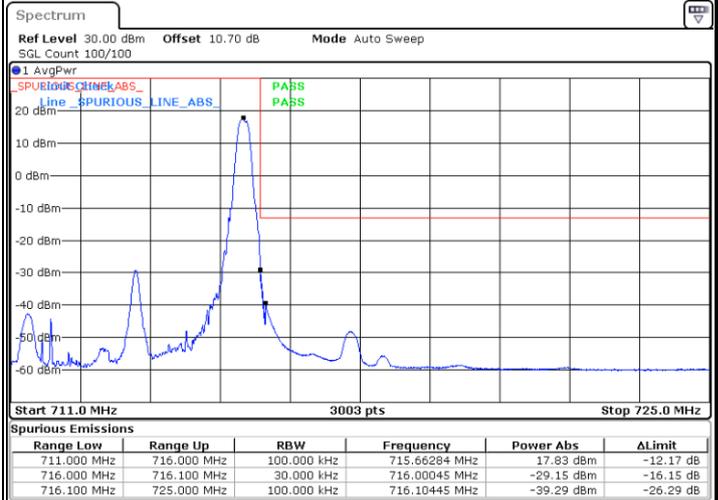
LTE Band 12 / 5MHz / 64QAM

Lowest Band Edge / 1RB



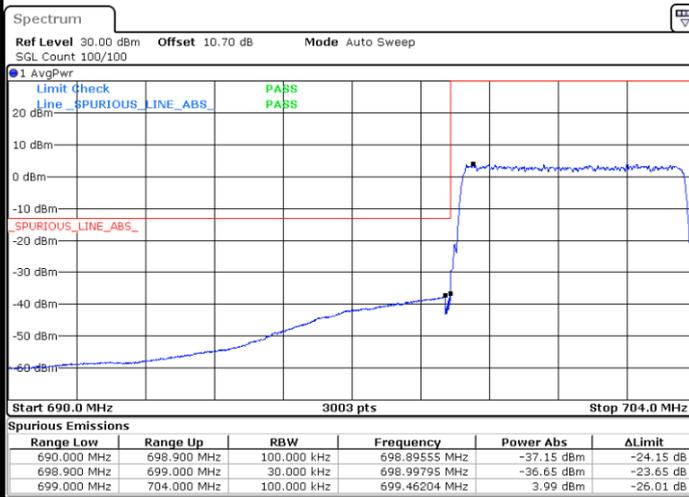
Date: 16.DEC.2019 14:49:50

Highest Band Edge / 1 RB



Date: 16.DEC.2019 14:54:00

Lowest Band Edge / Full RB



Date: 16.DEC.2019 14:48:49

Highest Band Edge / Full RB



Date: 16.DEC.2019 14:52:59