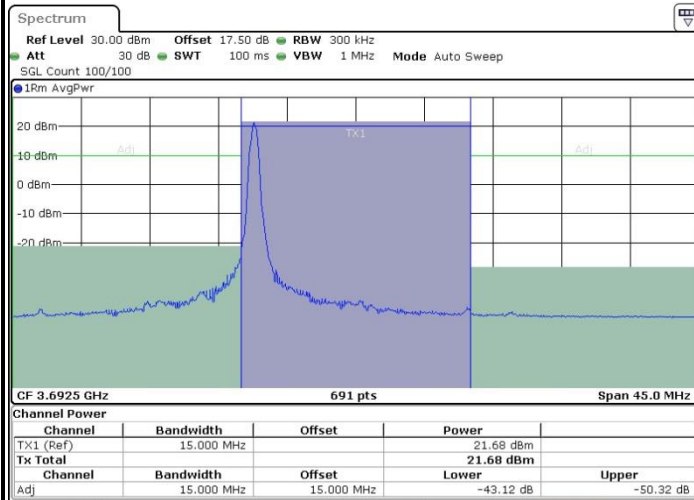




LTE Band 48 / 15MHz

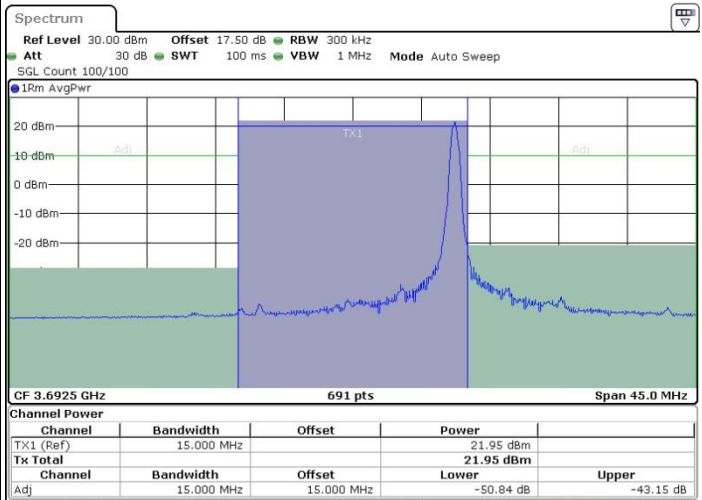
16QAM

Highest Channel / 1RB0



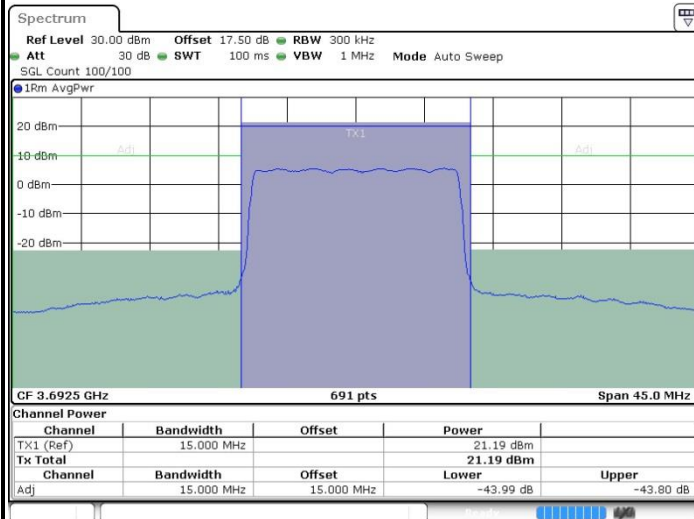
Date: 18 JUL 2019 22:34:57

Highest Channel / 1RBmax



Date: 18 JUL 2019 22:43:38

Highest Channel / FullRB



Date: 18 JUL 2019 22:39:17

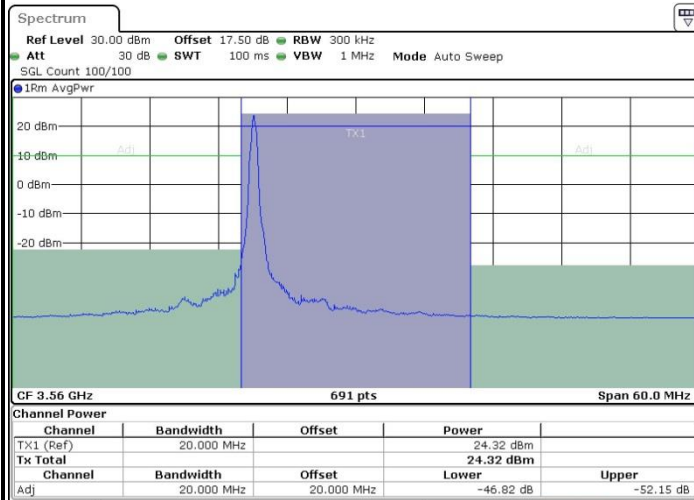
N/A



LTE Band 48 / 20MHz

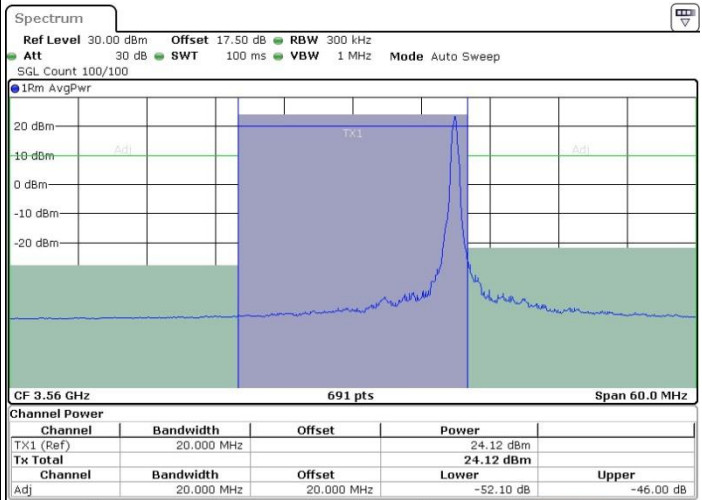
16QAM

Lowest Channel / 1RB0



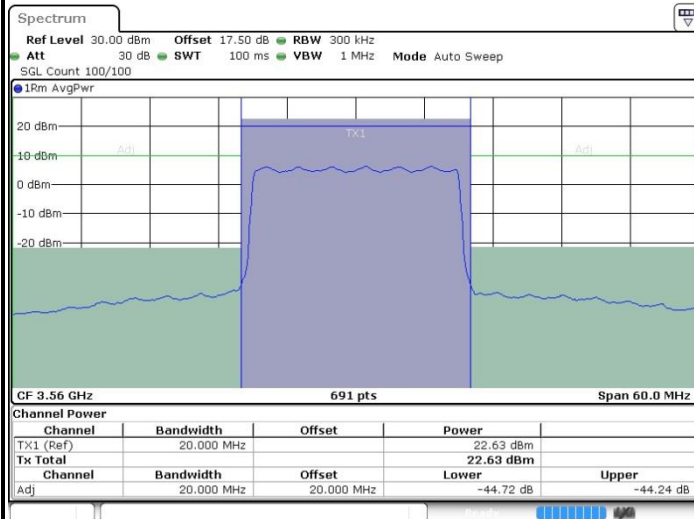
Date: 19 JUL 2019 01:23:33

Lowest Channel / 1RBmax



Date: 19 JUL 2019 01:26:57

Lowest Channel / FullRB



Date: 19 JUL 2019 01:31:46

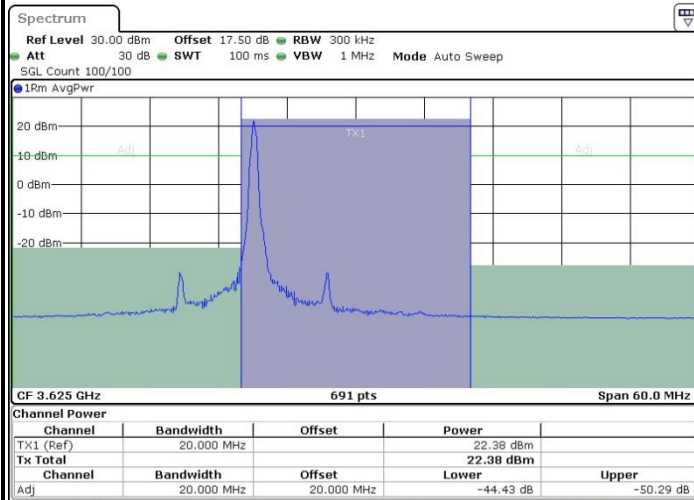
N/A



LTE Band 48 / 20MHz

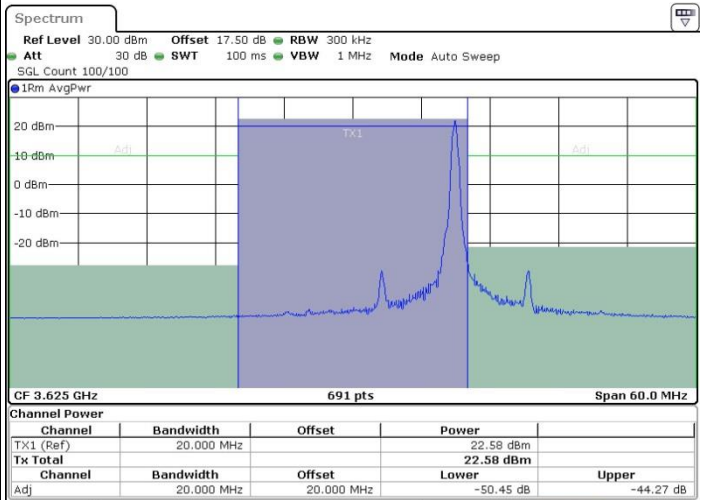
16QAM

Middle Channel / 1RB0



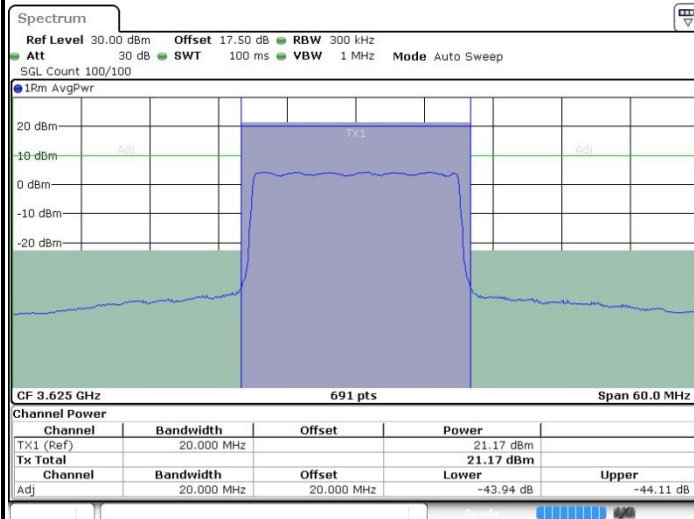
Date: 18 JUL 2019 22:50:52

Middle Channel / 1RBmax



Date: 18 JUL 2019 22:55:13

Middle Channel / FullRB



Date: 18 JUL 2019 22:46:32

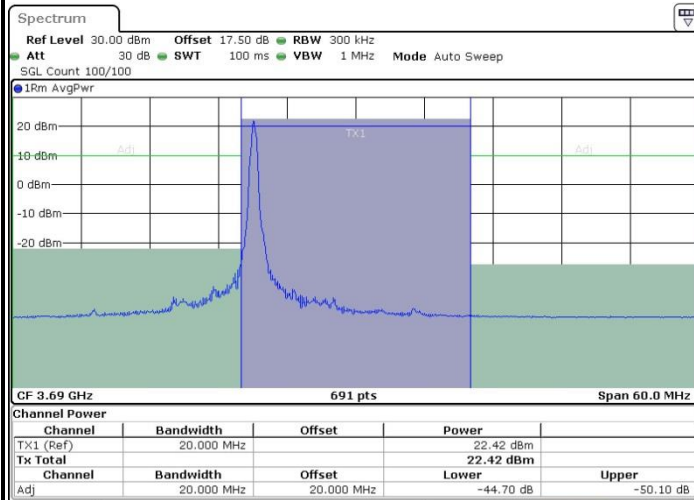
N/A



LTE Band 48 / 20MHz

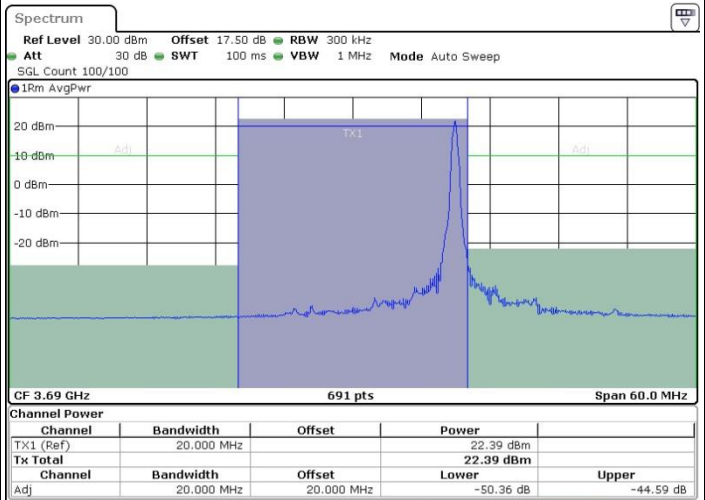
16QAM

Highest Channel / 1RB0



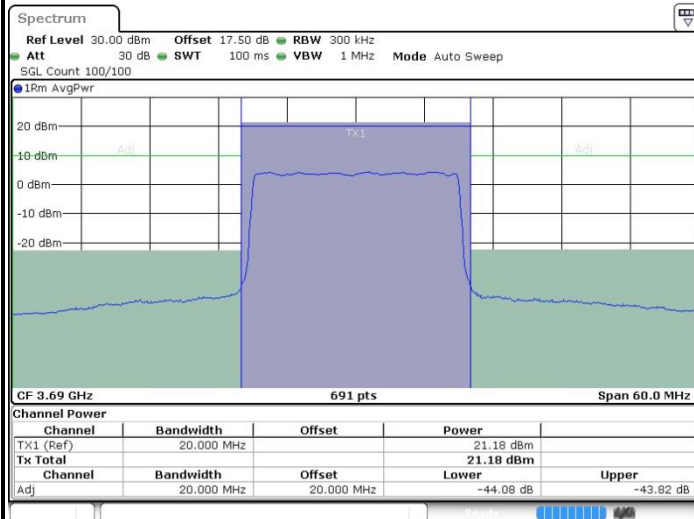
Date: 18 JUL 2019 22:52:19

Highest Channel / 1RBmax



Date: 18 JUL 2019 22:56:40

Highest Channel / FullRB



Date: 18 JUL 2019 22:47:59

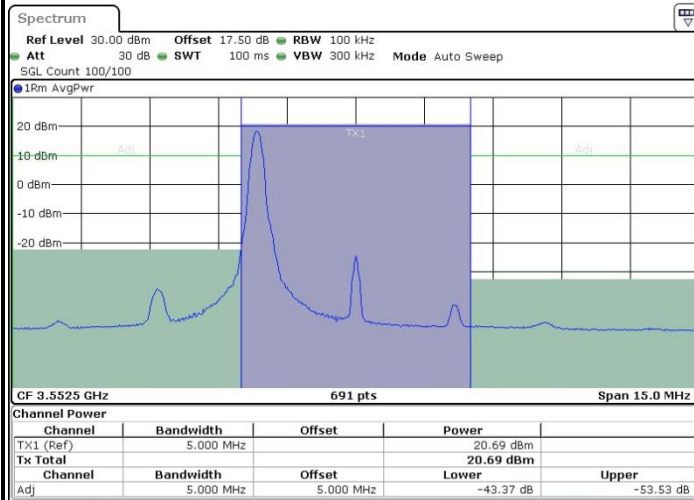
N/A



LTE Band 48 / 5MHz

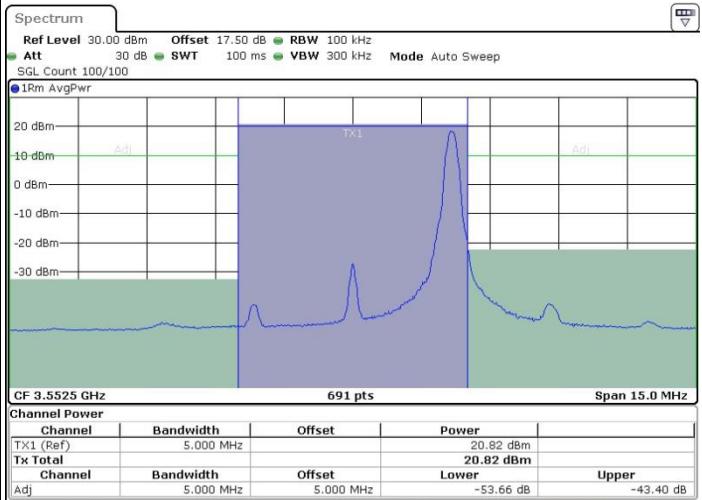
64QAM

Lowest Channel / 1RB0



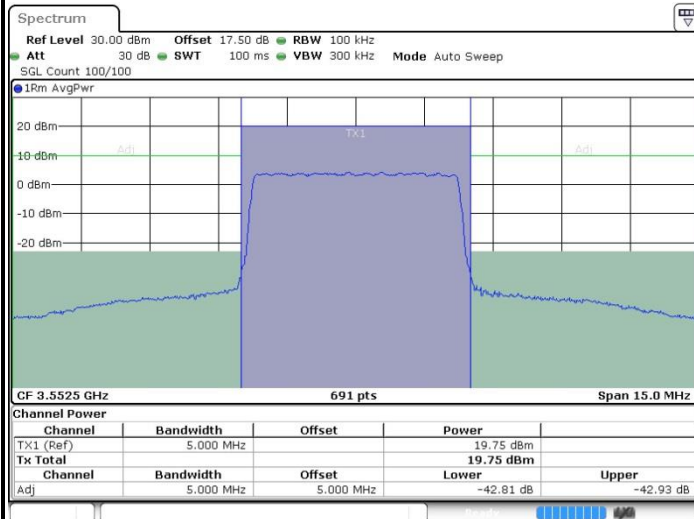
Date: 18 JUL 2019 22:06:14

Lowest Channel / 1RBmax



Date: 18 JUL 2019 22:15:00

Lowest Channel / FullRB



Date: 18 JUL 2019 22:10:36

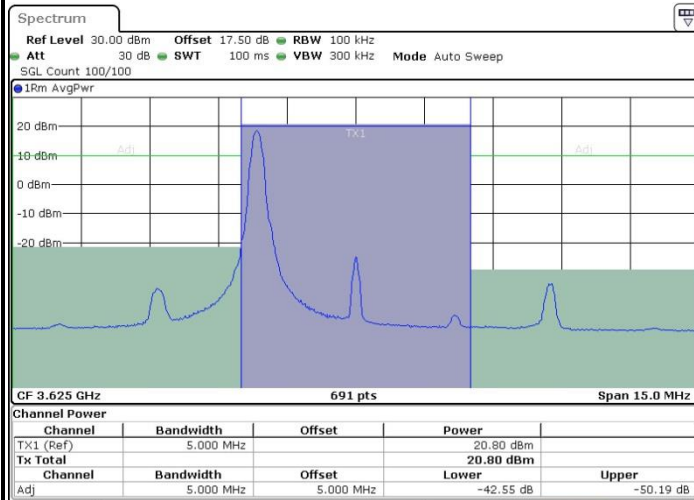
N/A



LTE Band 48 / 5MHz

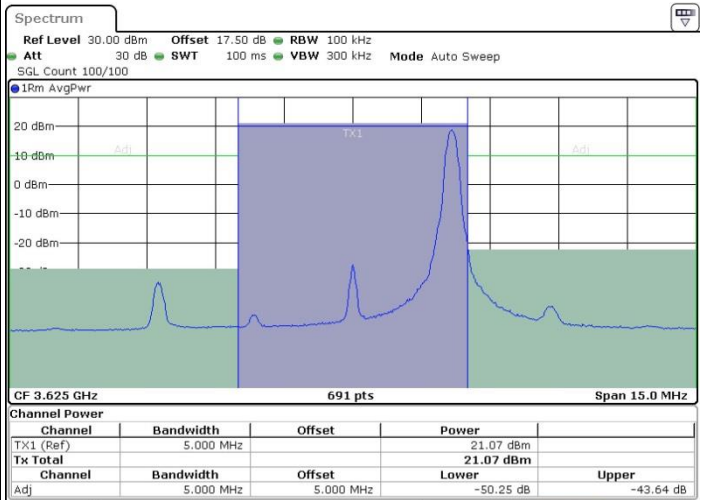
64QAM

Middle Channel / 1RB0



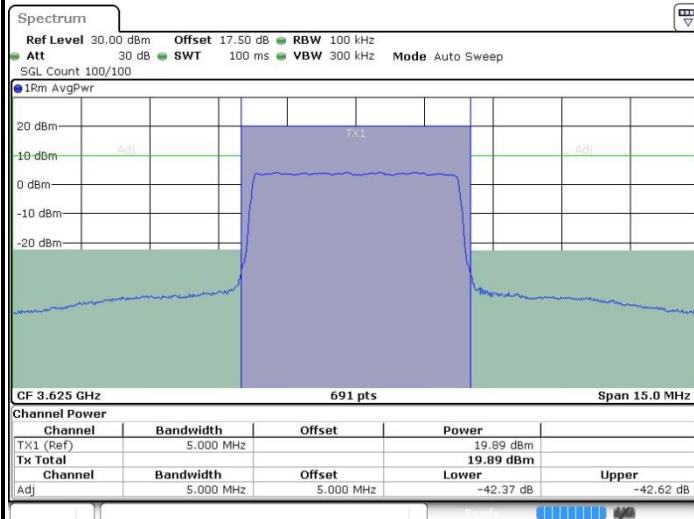
Date: 18 JUL 2019 22:06:43

Middle Channel / 1RBmax



Date: 18 JUL 2019 22:15:29

Middle Channel / FullRB



Date: 18 JUL 2019 22:11:05

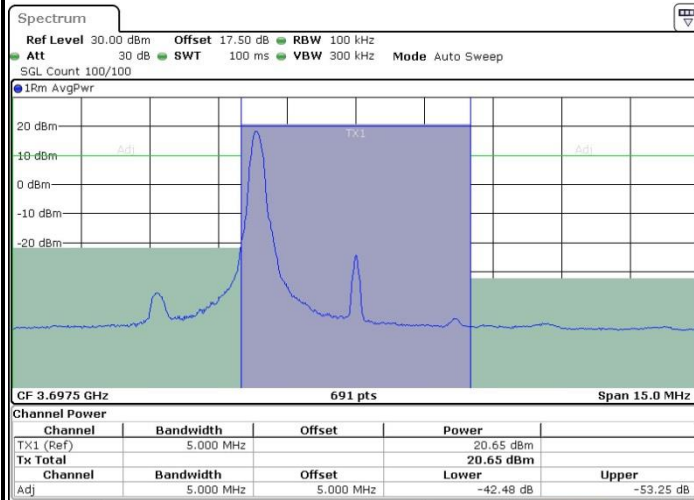
N/A



LTE Band 48 / 5MHz

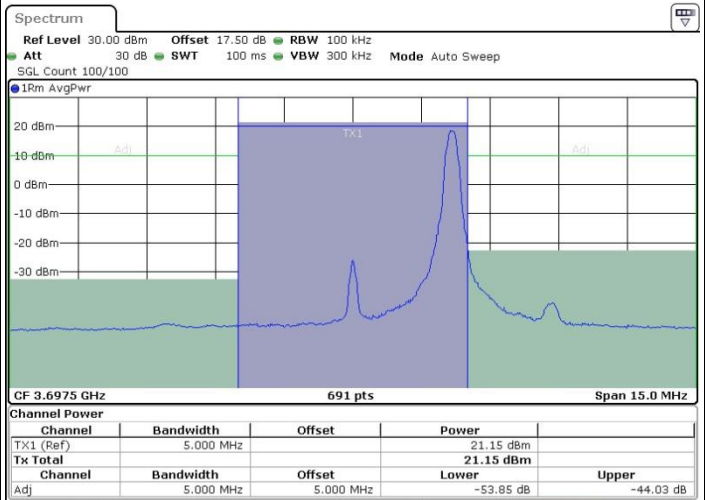
64QAM

Highest Channel / 1RB0



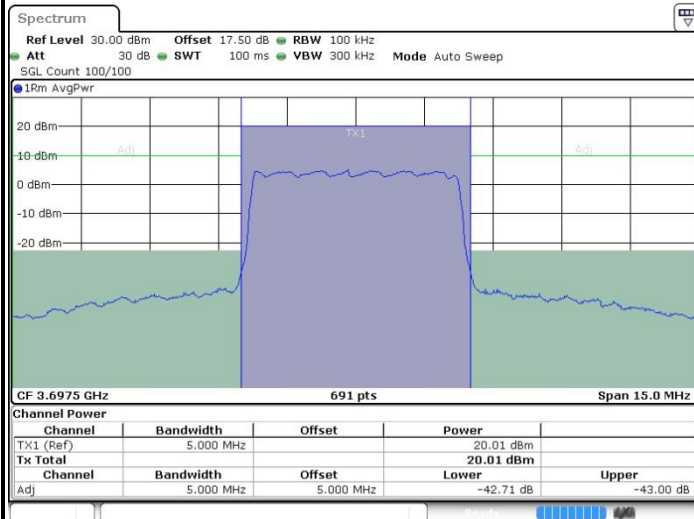
Date: 18 JUL 2019 22:09:08

Highest Channel / 1RBmax



Date: 18 JUL 2019 22:17:55

Highest Channel / FullIRB



Date: 18 JUL 2019 22:13:31

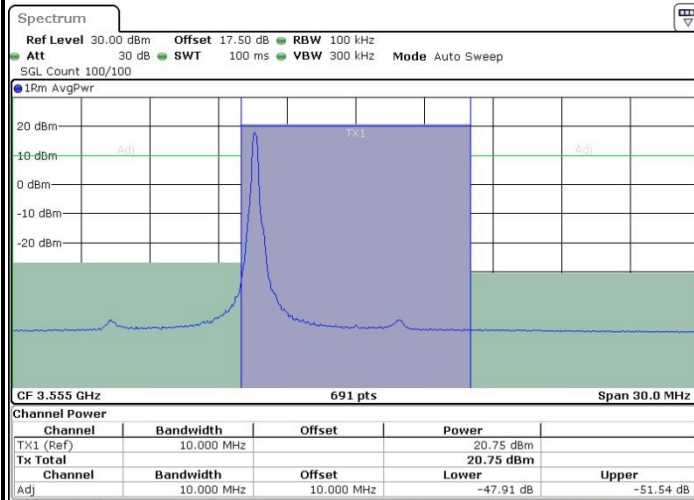
N/A



LTE Band 48 / 10MHz

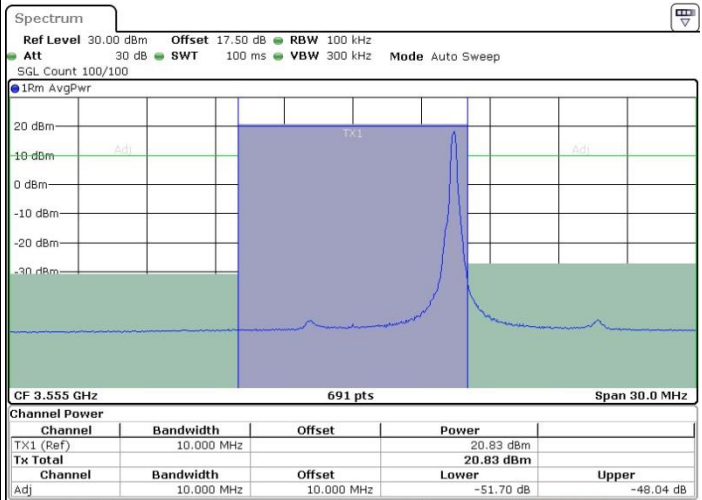
64QAM

Lowest Channel / 1RB0



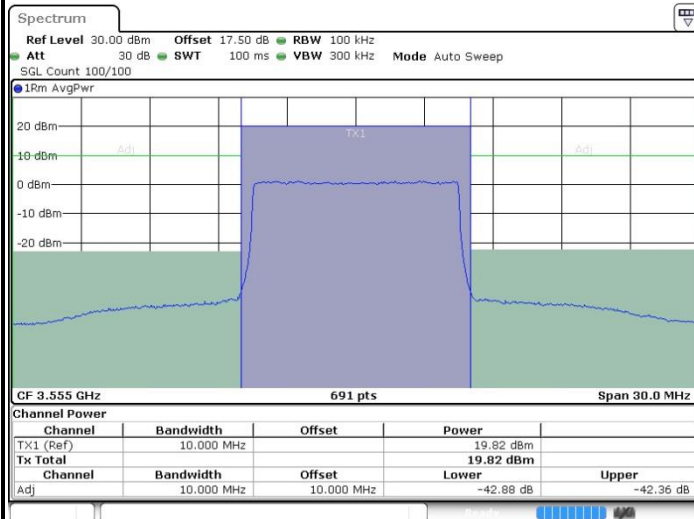
Date: 18 JUL 2019 22:18:25

Lowest Channel / 1RBmax



Date: 18 JUL 2019 22:27:11

Lowest Channel / FullRB



Date: 18 JUL 2019 22:22:48

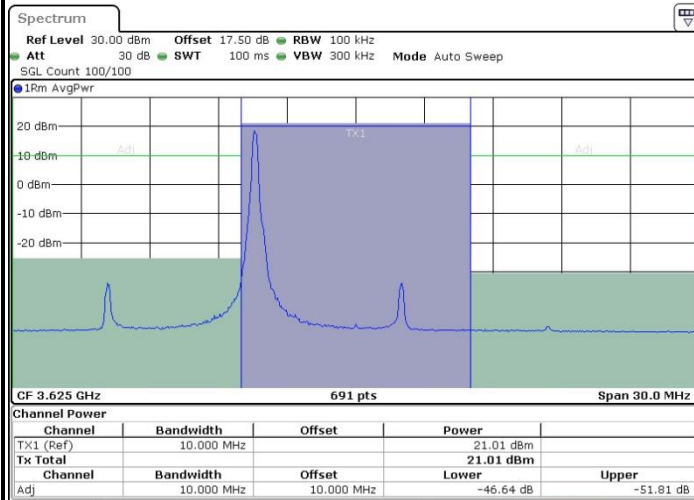
N/A



LTE Band 48 / 10MHz

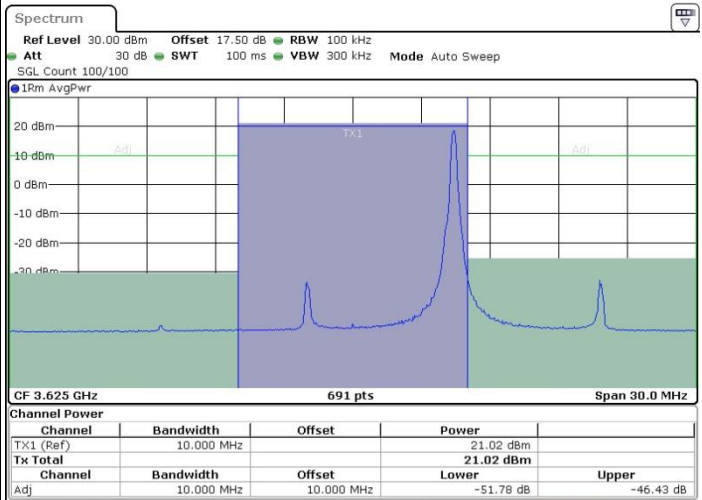
64QAM

MiddleChannel / 1RB0



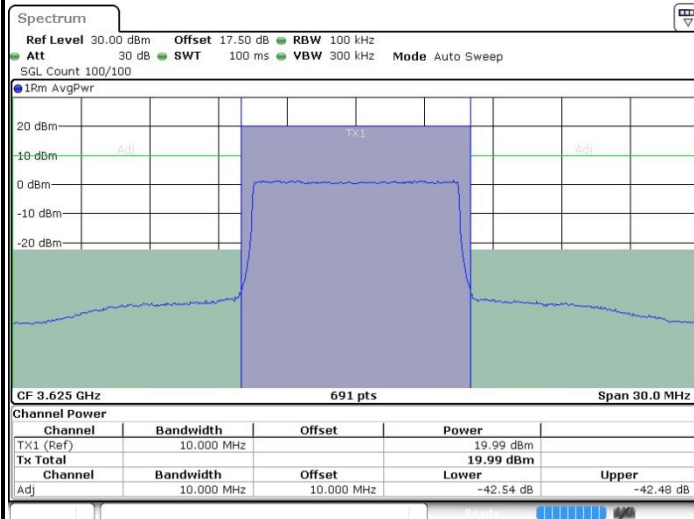
Date: 18 JUL 2019 22:20:50

Middle Channel / 1RBmax



Date: 18 JUL 2019 22:29:36

Middle Channel / FullRB



Date: 18 JUL 2019 22:25:13

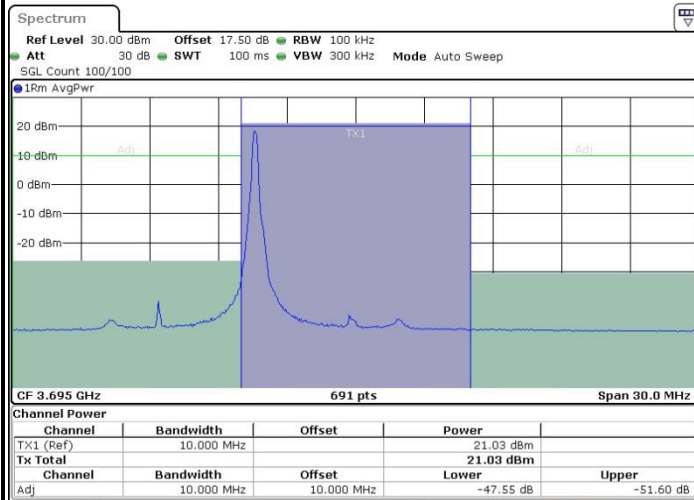
N/A



LTE Band 48 / 10MHz

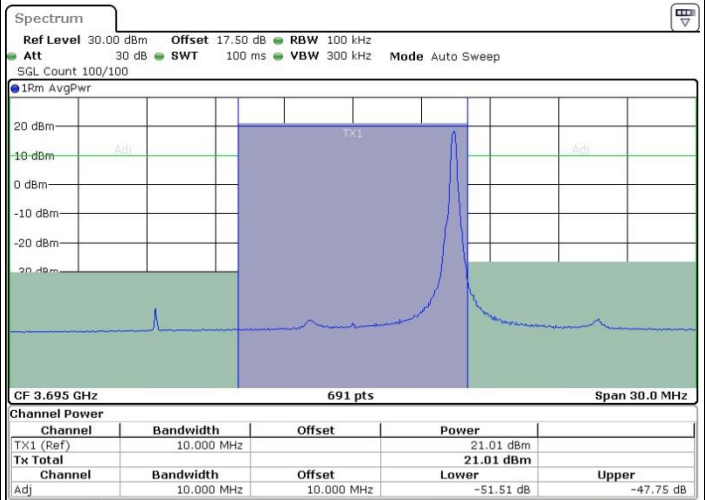
64QAM

Highest Channel / 1RB0



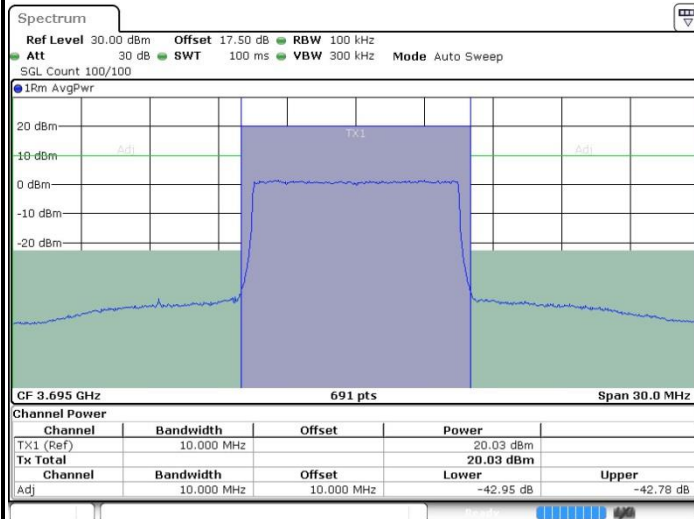
Date: 18 JUL 2019 22:21:19

Highest Channel / 1RBmax



Date: 18 JUL 2019 22:30:05

Highest Channel / FullRB



Date: 18 JUL 2019 22:25:42

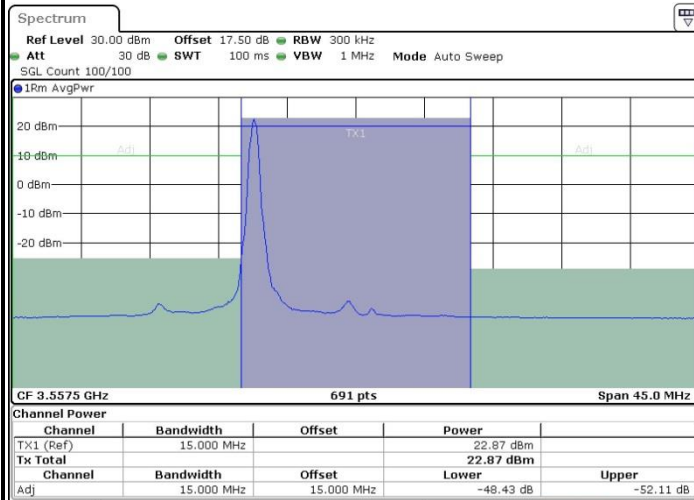
N/A



LTE Band 48 / 15MHz

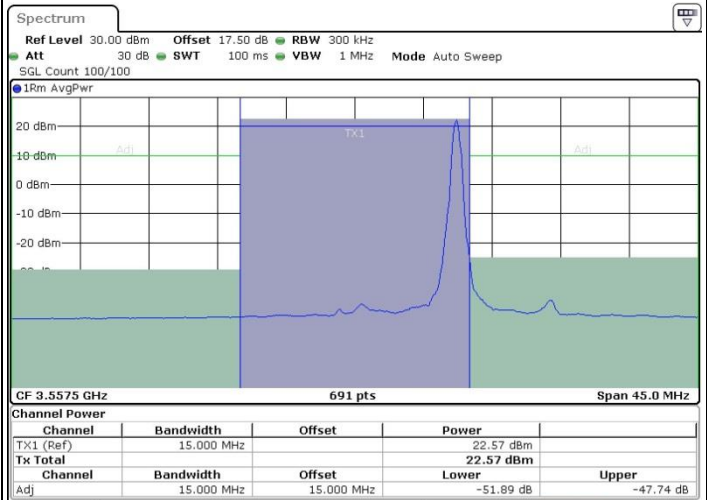
64QAM

Lowest Channel / 1RB0



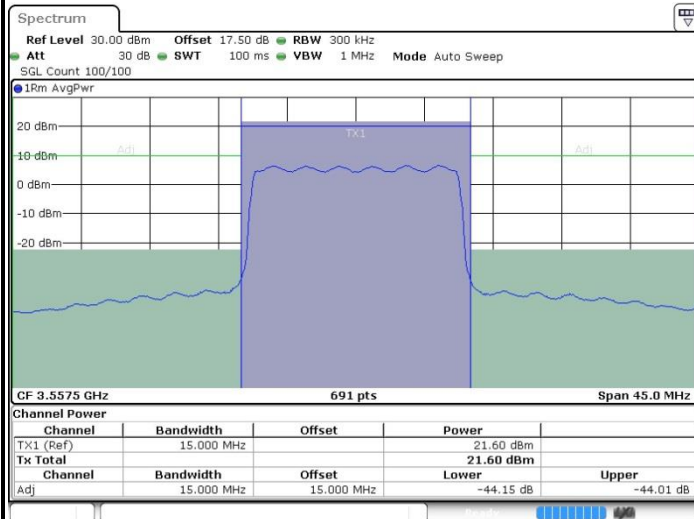
Date: 19 JUL 2019 01:11:15

Lowest Channel / 1RBmax



Date: 19 JUL 2019 01:16:18

Lowest Channel / FullRB



Date: 19 JUL 2019 01:20:27

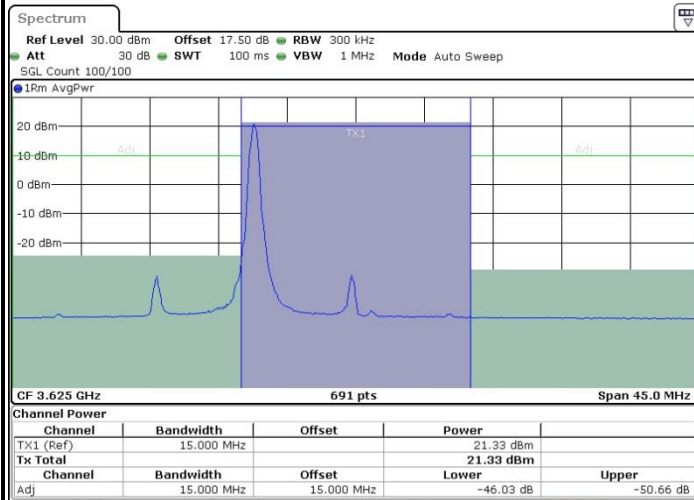
N/A



LTE Band 48 / 15MHz

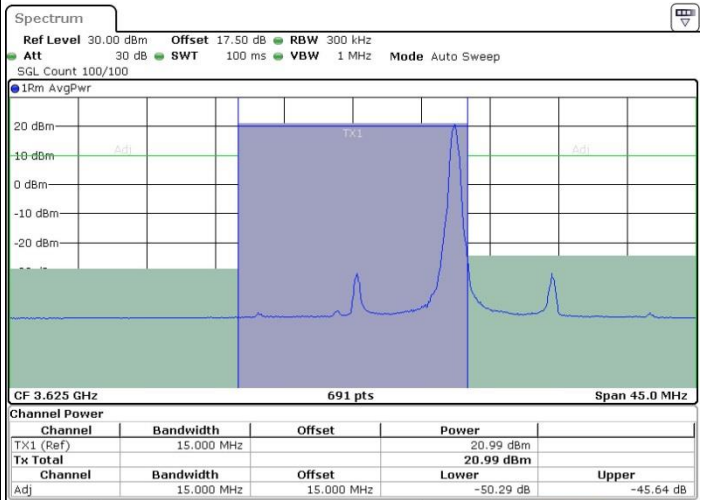
64QAM

Middle Channel / 1RB0



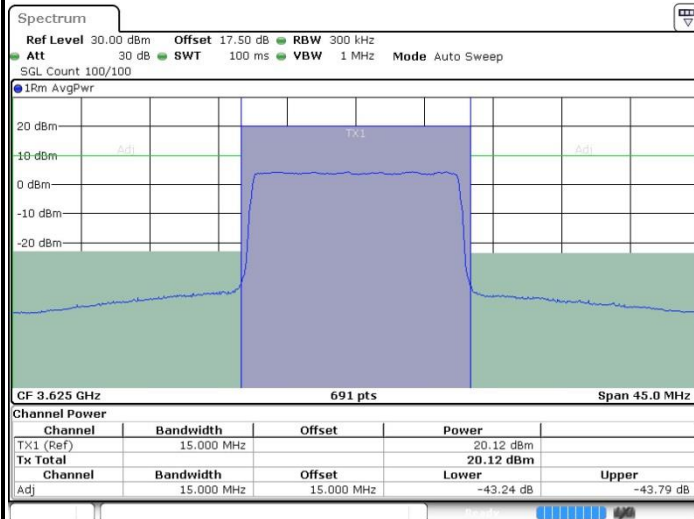
Date: 18 JUL 2019 22:33:01

Middle Channel / 1RBmax



Date: 18 JUL 2019 22:41:42

Middle Channel / FullRB



Date: 18 JUL 2019 22:37:22

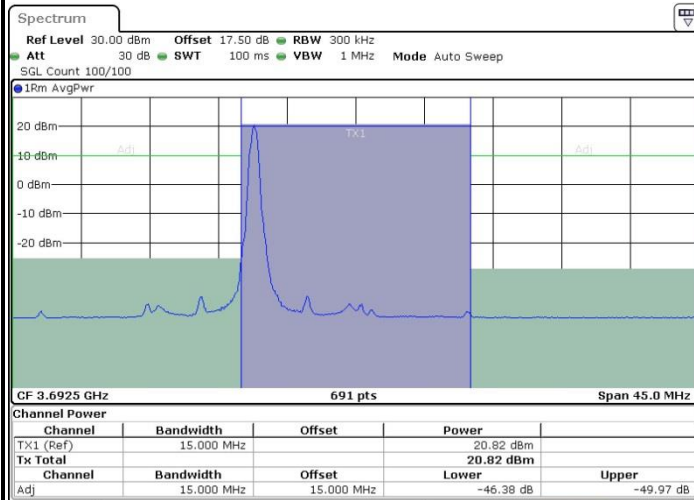
N/A



LTE Band 48 / 15MHz

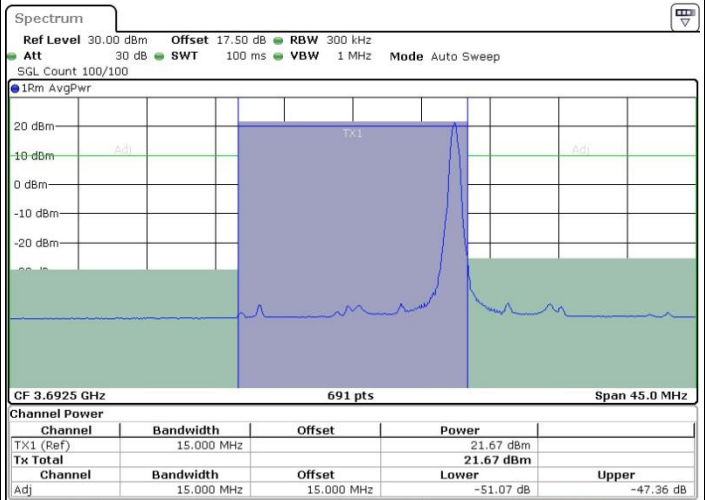
64QAM

Highest Channel / 1RB0



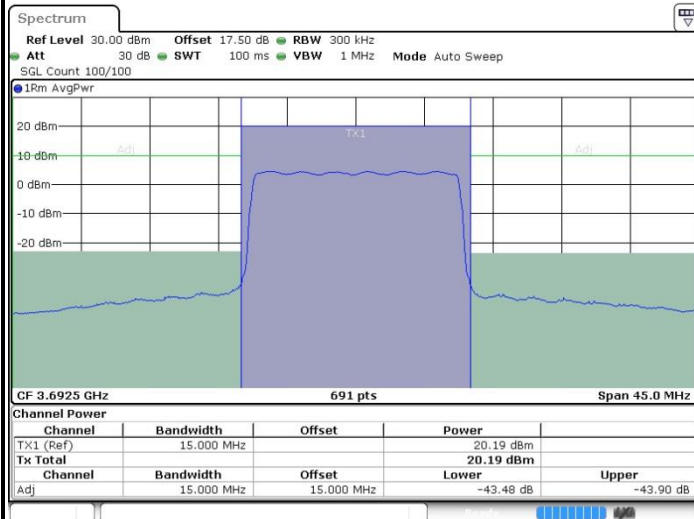
Date: 18 JUL 2019 22:35:26

Highest Channel / 1RBmax



Date: 18 JUL 2019 22:44:07

Highest Channel / FullRB



Date: 18 JUL 2019 22:39:46

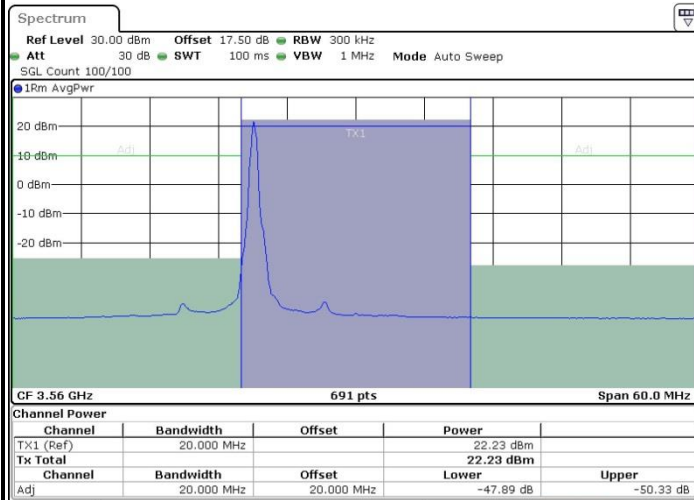
N/A



LTE Band 48 / 20MHz

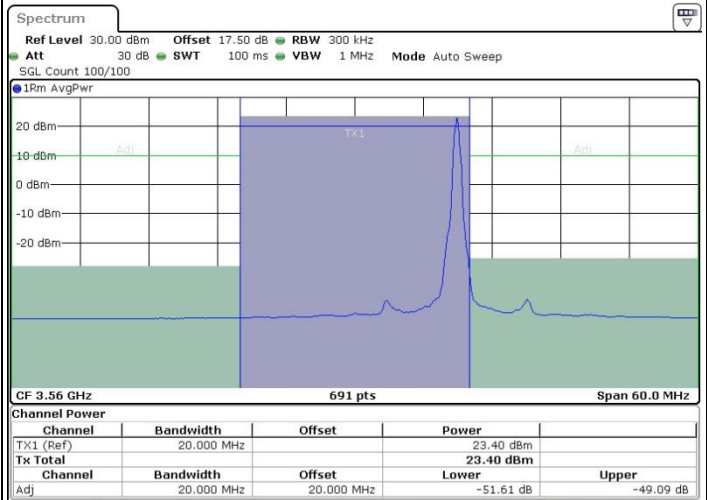
64QAM

Lowest Channel / 1RB0



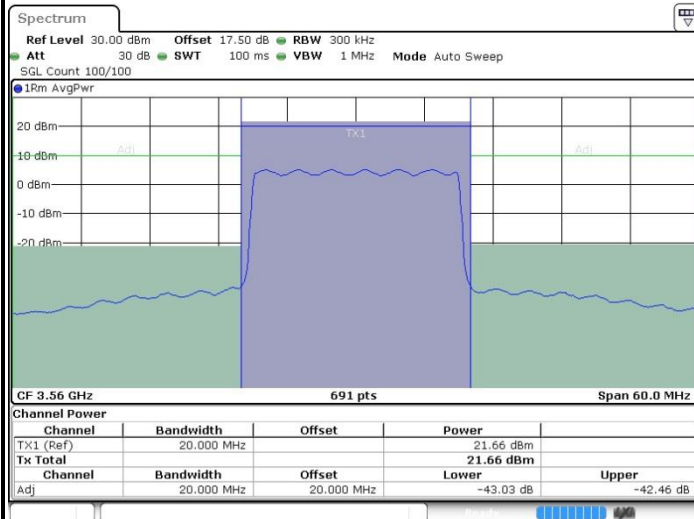
Date: 19 JUL 2019 01:24:39

Lowest Channel / 1RBmax



Date: 19 JUL 2019 01:28:15

Lowest Channel / FullRB



Date: 19 JUL 2019 01:32:49

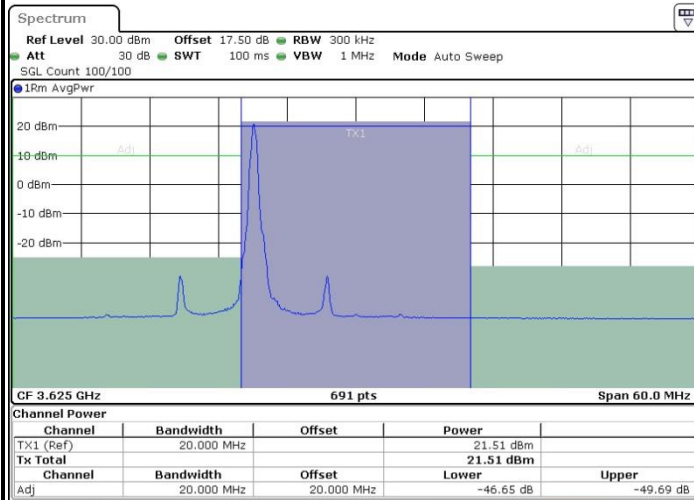
N/A



LTE Band 48 / 20MHz

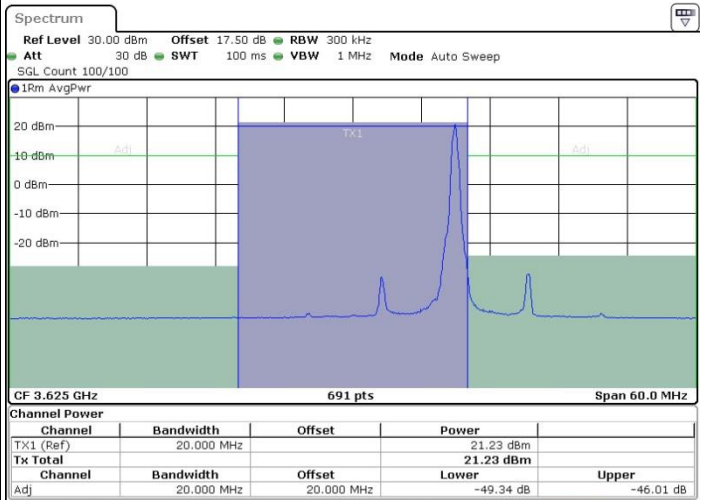
64QAM

Middle Channel / 1RB0



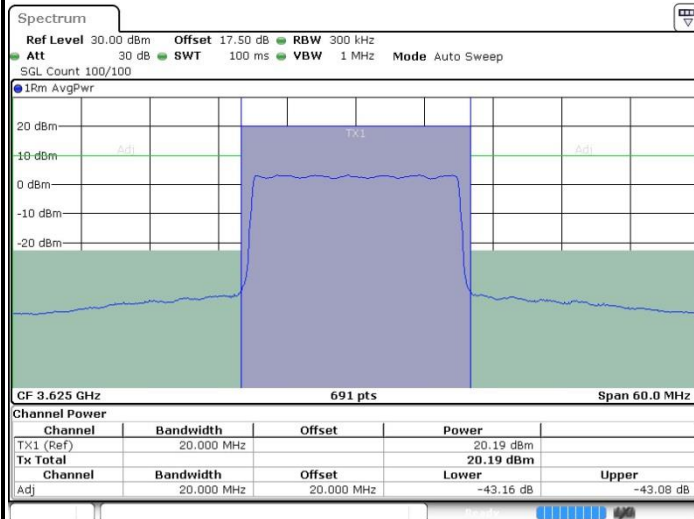
Date: 18 JUL 2019 22:51:21

Middle Channel / 1RBmax



Date: 18 JUL 2019 22:55:42

Middle Channel / FullRB



Date: 18 JUL 2019 22:47:01

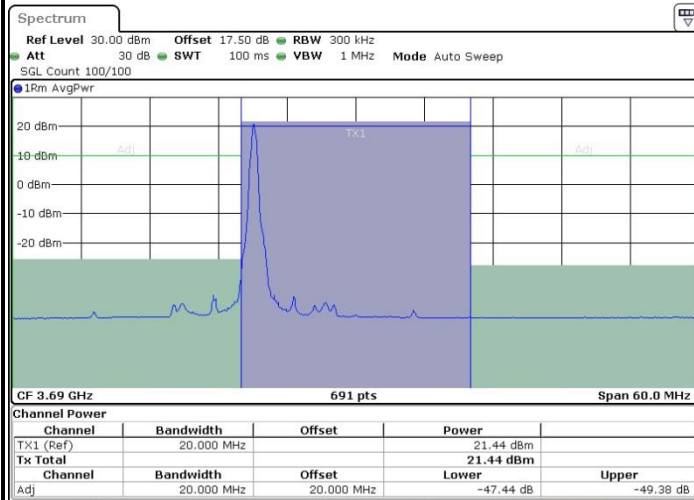
N/A



LTE Band 48 / 20MHz

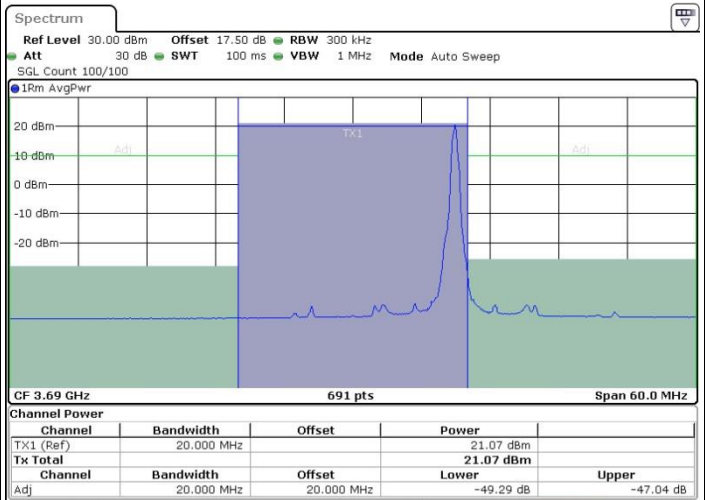
64QAM

Highest Channel / 1RB0



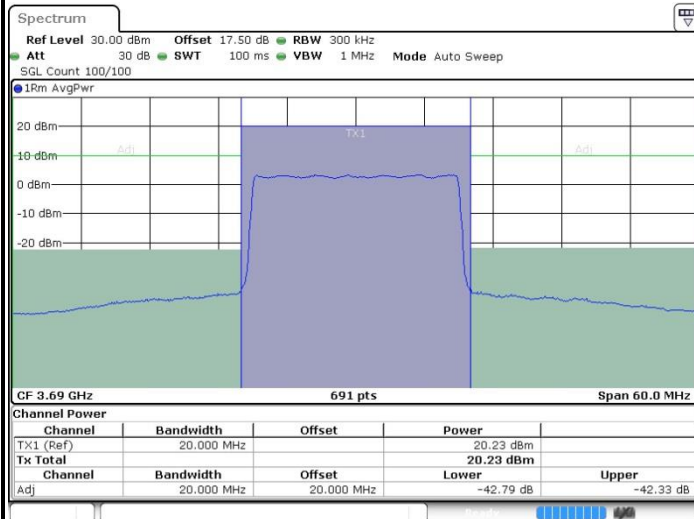
Date: 18 JUL 2019 22:51:50

Highest Channel / 1RBmax



Date: 18 JUL 2019 22:56:11

Highest Channel / FullRB



Date: 18 JUL 2019 22:47:30

N/A

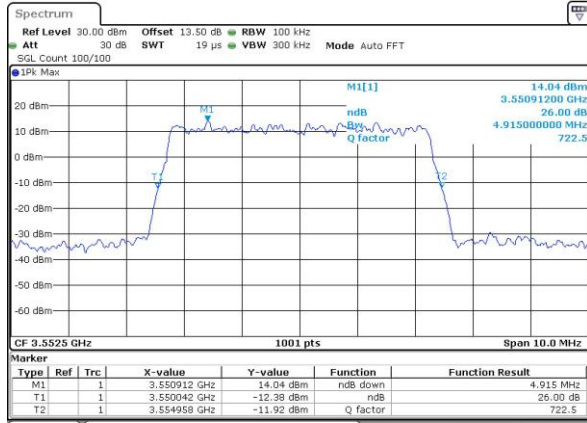
**26dB Bandwidth**

Mode	LTE Band 48 : 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	-	-	-	-	4.92	4.89	9.85	9.75	14.42	14.36	18.98	19.26
Middle CH	-	-	-	-	4.91	4.83	9.83	9.67	14.36	14.48	19.06	18.66
Highest CH	-	-	-	-	4.78	4.93	9.75	9.79	14.57	14.09	19.34	18.82
Mode	LTE Band 48 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-	-	-	-	4.92	-	9.93	-	14.15	-	18.70	-
Middle CH	-	-	-	-	4.99	-	9.75	-	14.18	-	18.66	-
Highest CH	-	-	-	-	4.88	-	9.81	-	14.51	-	18.74	-



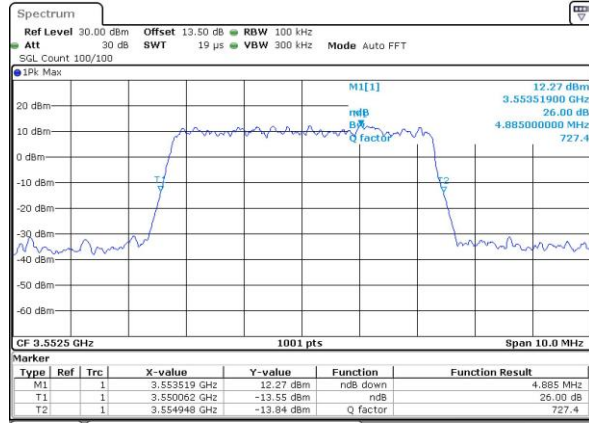
LTE Band 48

Lowest Channel / 5MHz / QPSK



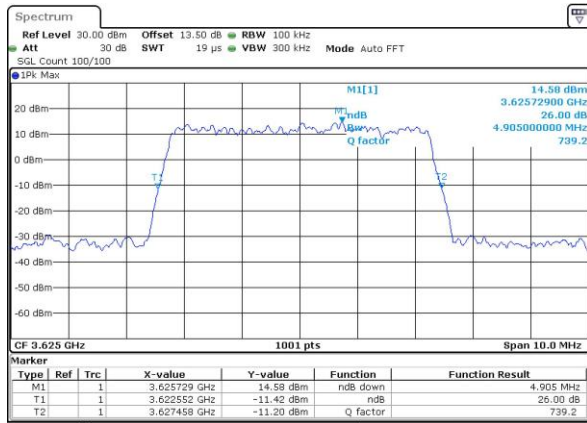
Date: 19_JUL_2019 19:06:14

Lowest Channel / 5MHz / 16QAM



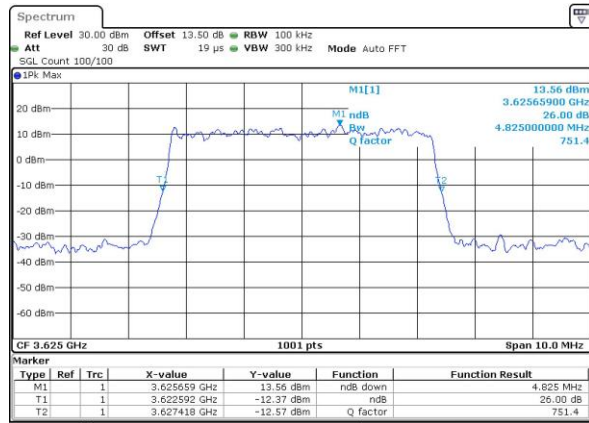
Date: 19_JUL_2019 19:06:26

Middle Channel / 5MHz / QPSK



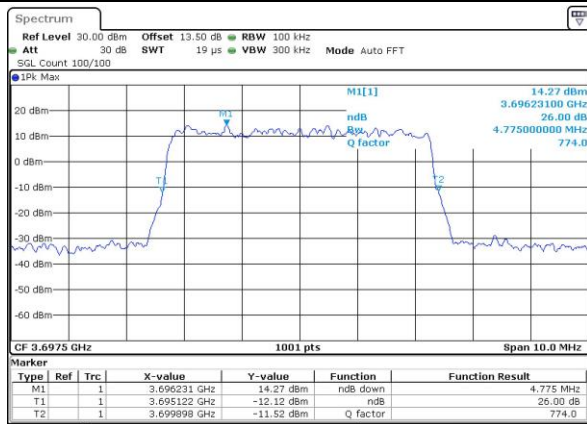
Date: 19_JUL_2019 19:07:02

Middle Channel / 5MHz / 16QAM



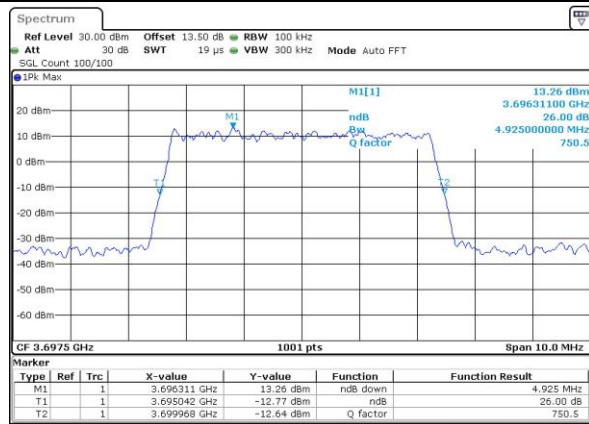
Date: 19_JUL_2019 19:07:14

Highest Channel / 5MHz / QPSK



Date: 19_JUL_2019 19:07:52

Highest Channel / 5MHz / 16QAM

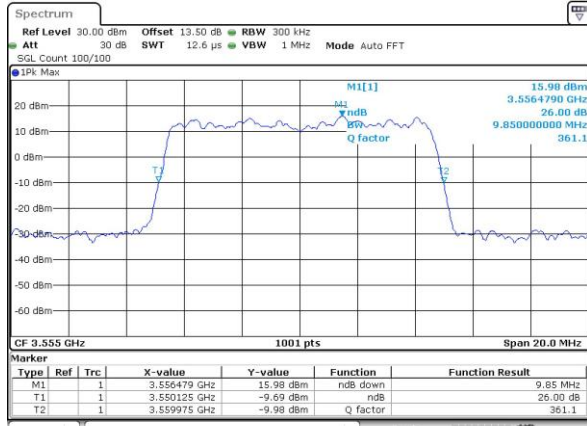


Date: 19_JUL_2019 19:08:05



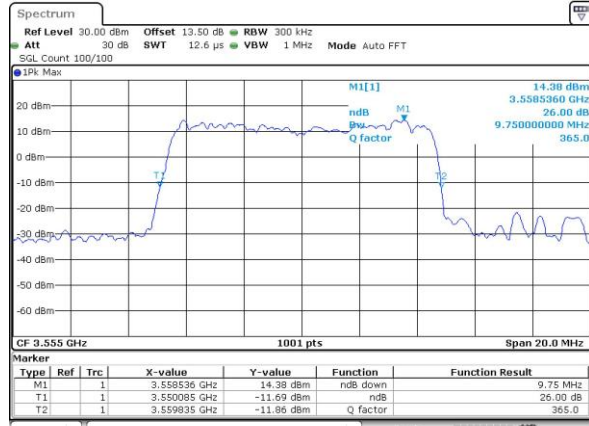
LTE Band 48

Lowest Channel / 10MHz / QPSK



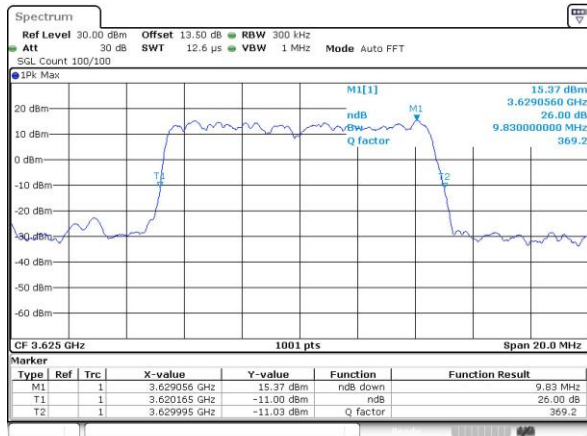
Date: 19_JUL_2019 19:08:44

Lowest Channel / 10MHz / 16QAM



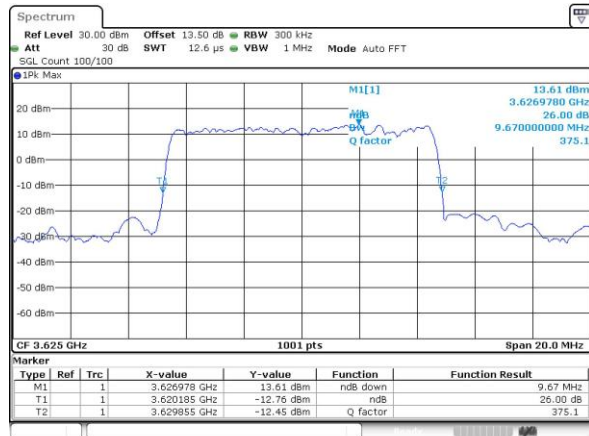
Date: 19_JUL_2019 19:08:56

Middle Channel / 10MHz / QPSK



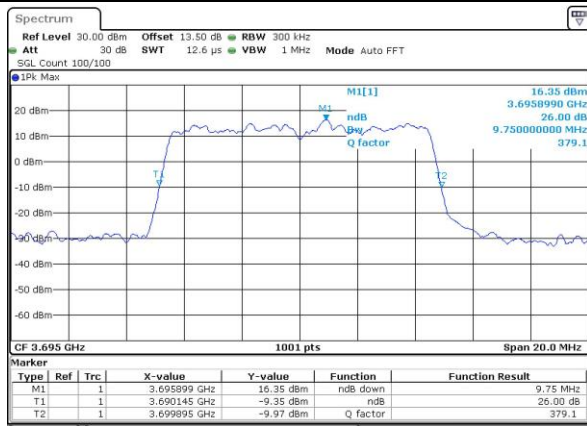
Date: 19_JUL_2019 19:09:32

Middle Channel / 10MHz / 16QAM



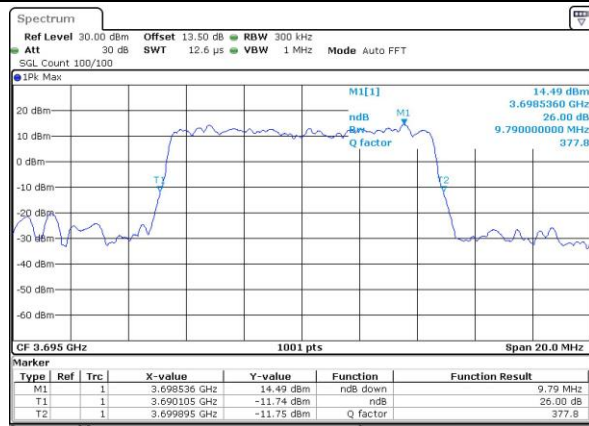
Date: 19_JUL_2019 19:09:44

Highest Channel / 10MHz / QPSK



Date: 19_JUL_2019 19:35:37

Highest Channel / 10MHz / 16QAM

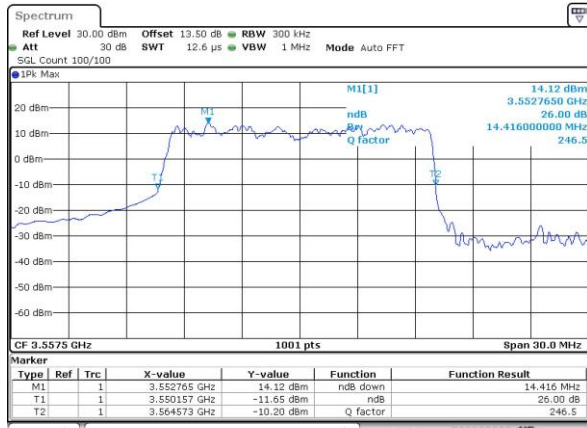


Date: 19_JUL_2019 19:35:50



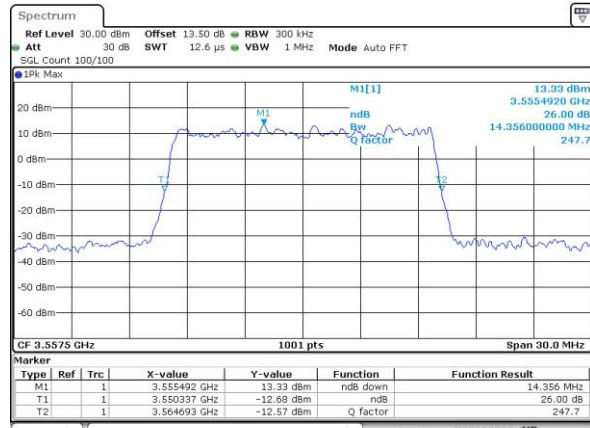
LTE Band 48

Lowest Channel / 15MHz / QPSK



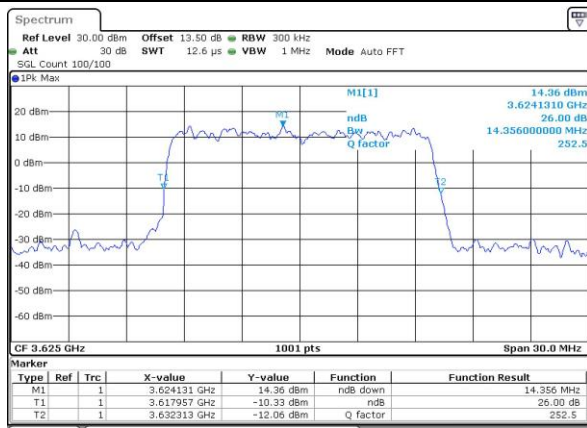
Date: 19_JUL_2019 19:36:29

Lowest Channel / 15MHz / 16QAM



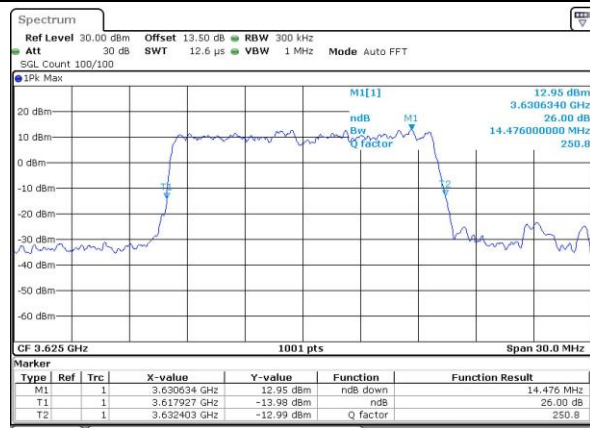
Date: 19_JUL_2019 19:36:41

Middle Channel / 15MHz / QPSK



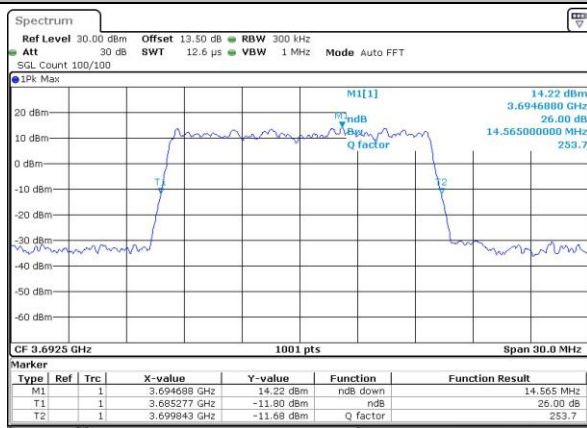
Date: 19_JUL_2019 19:37:17

Middle Channel / 15MHz / 16QAM



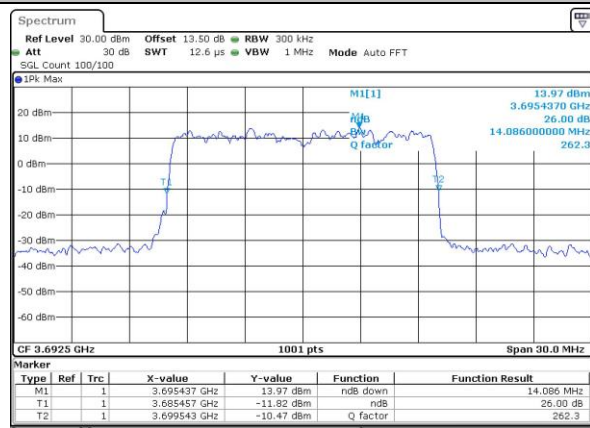
Date: 19_JUL_2019 19:37:29

Highest Channel / 15MHz / QPSK



Date: 19_JUL_2019 19:38:07

Highest Channel / 15MHz / 16QAM

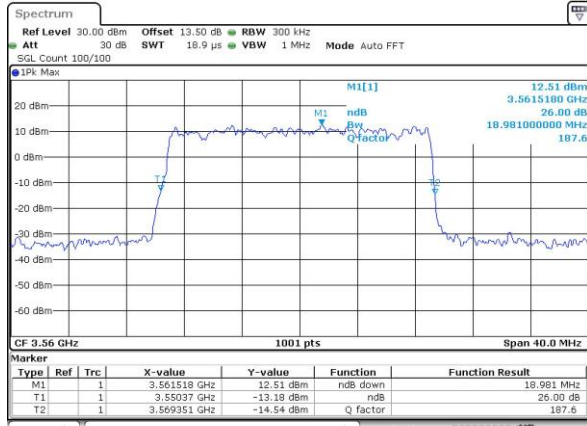


Date: 19_JUL_2019 19:38:19



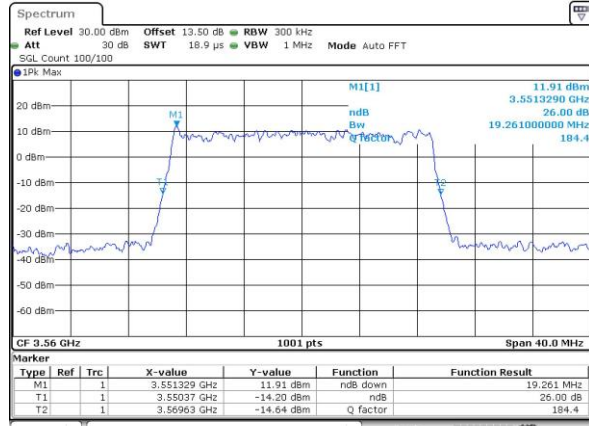
LTE Band 48

Lowest Channel / 20MHz / QPSK



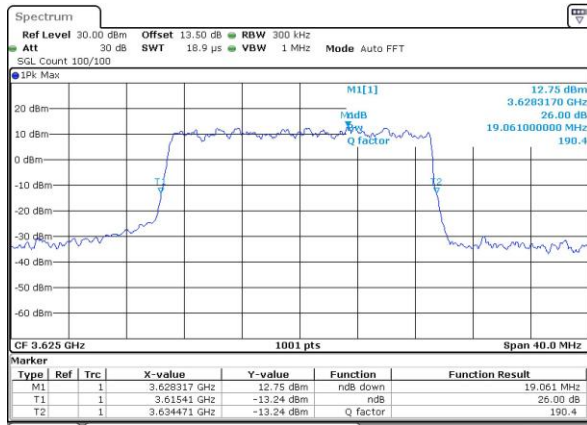
Date: 19_JUL_2019 19:38:58

Lowest Channel / 20MHz / 16QAM



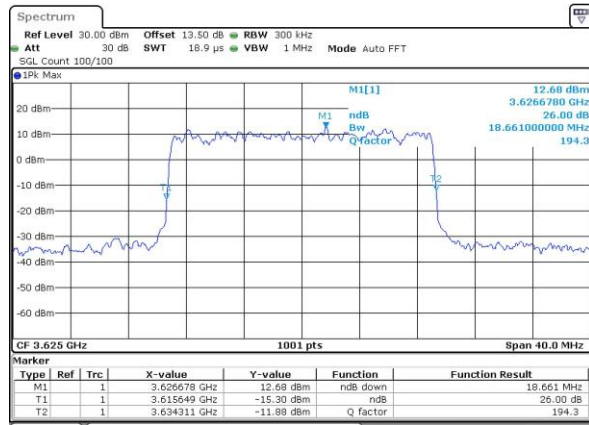
Date: 19_JUL_2019 19:39:10

Middle Channel / 20MHz / QPSK



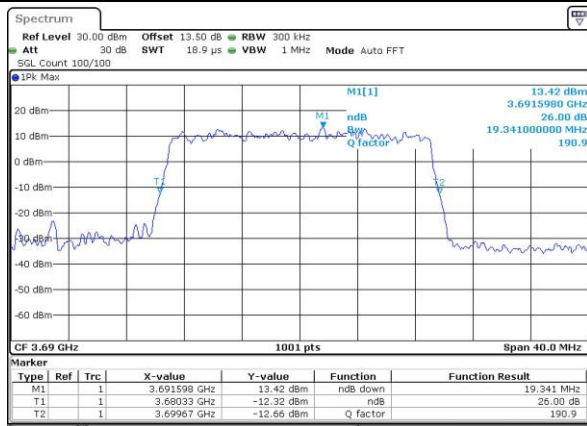
Date: 19_JUL_2019 19:39:46

Middle Channel / 20MHz / 16QAM



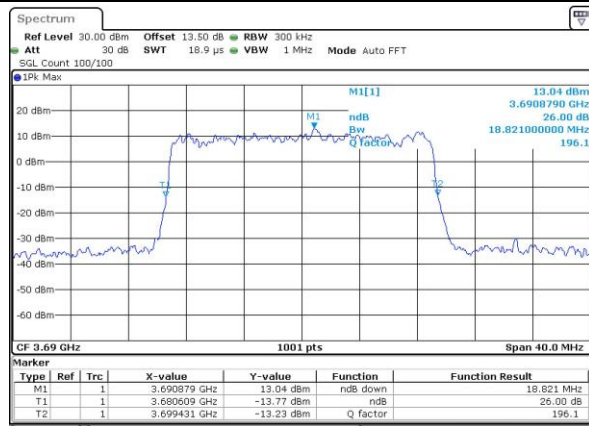
Date: 19_JUL_2019 19:39:58

Highest Channel / 20MHz / QPSK



Date: 19_JUL_2019 19:40:36

Highest Channel / 20MHz / 16QAM

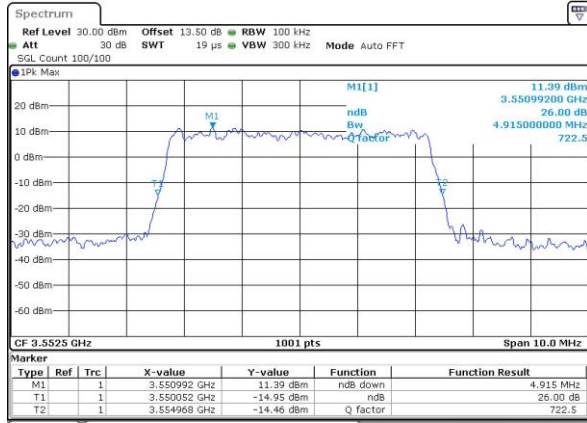


Date: 19_JUL_2019 19:40:49



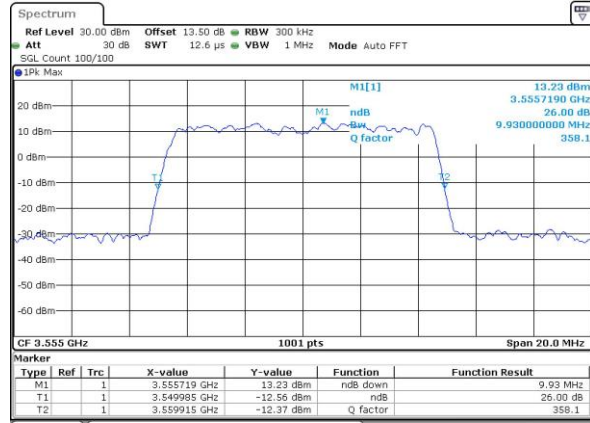
LTE Band 48

Lowest Channel / 5MHz / 64QAM



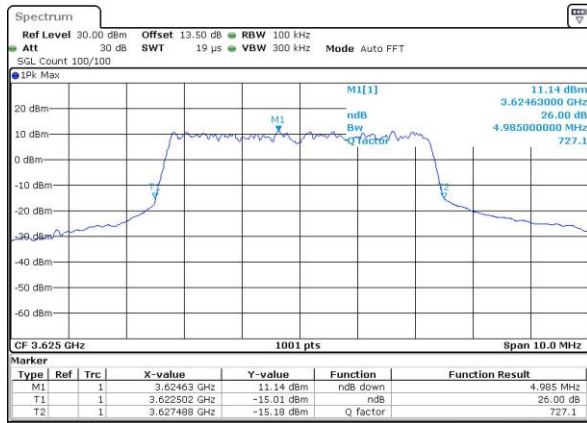
Date: 19_JUL_2019 19:41:14

Lowest Channel / 10MHz / 64QAM



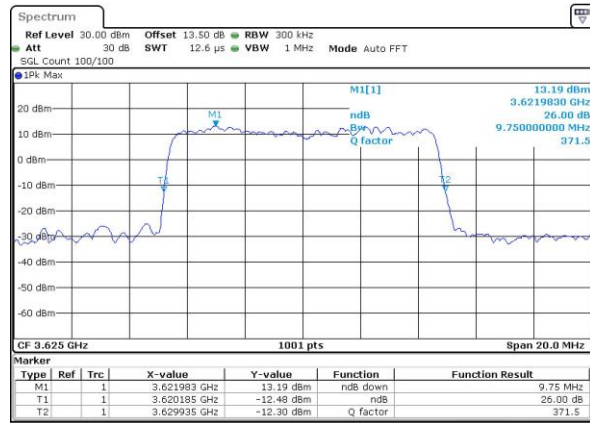
Date: 19_JUL_2019 19:42:28

Middle Channel / 5MHz / 64QAM



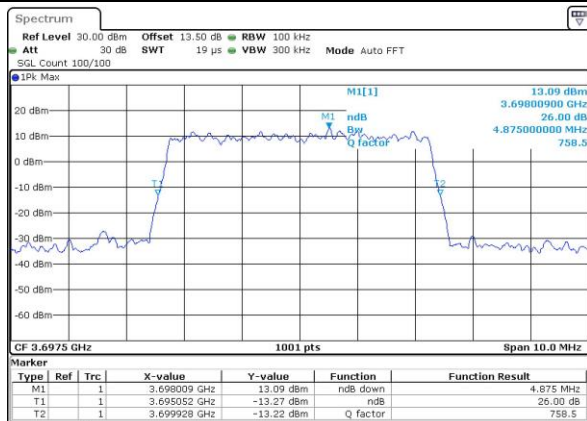
Date: 19_JUL_2019 19:41:38

Middle Channel / 10MHz / 64QAM



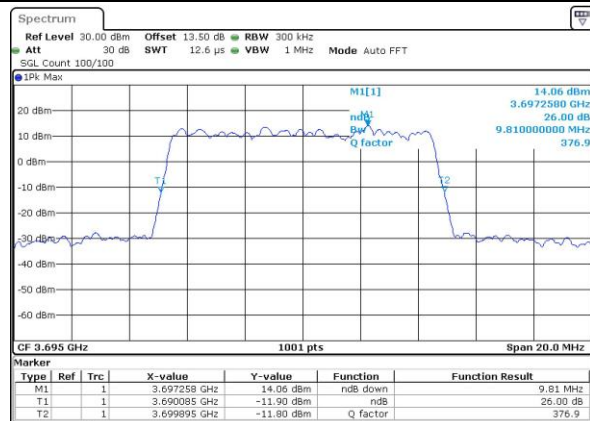
Date: 19_JUL_2019 19:42:52

Highest Channel / 5MHz / 64QAM



Date: 19_JUL_2019 19:42:03

Highest Channel / 10MHz / 64QAM

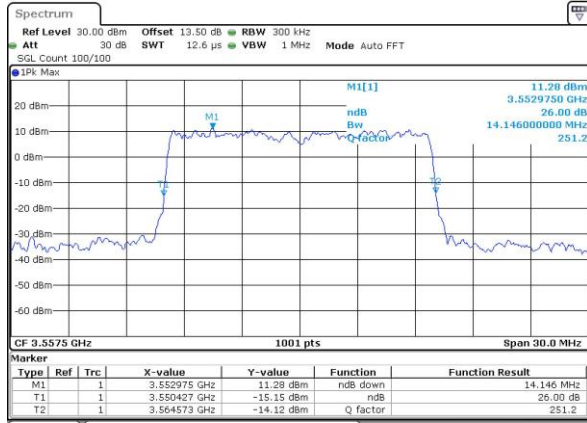


Date: 19_JUL_2019 19:43:17



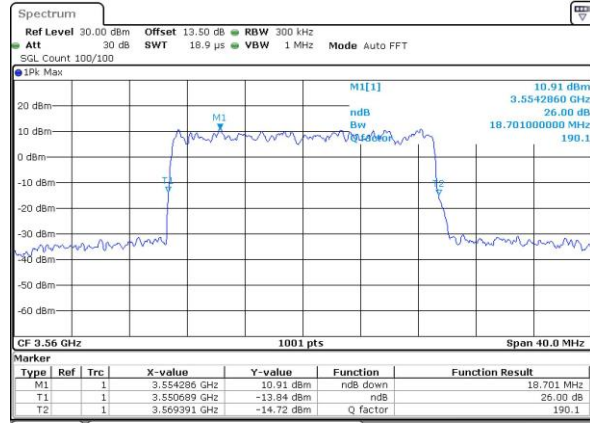
LTE Band 48

Lowest Channel / 15MHz / 64QAM



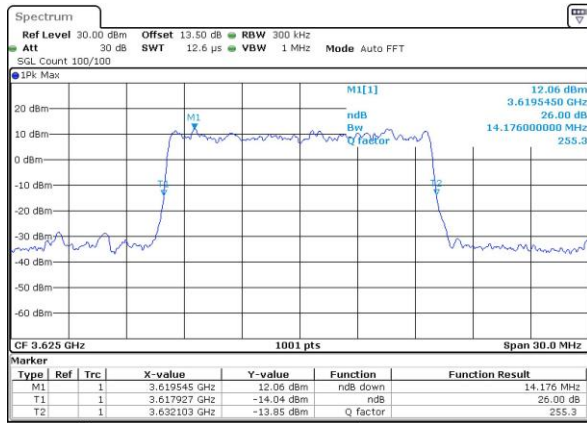
Date: 19_JUL_2019 19:43:42

Lowest Channel / 20MHz / 64QAM



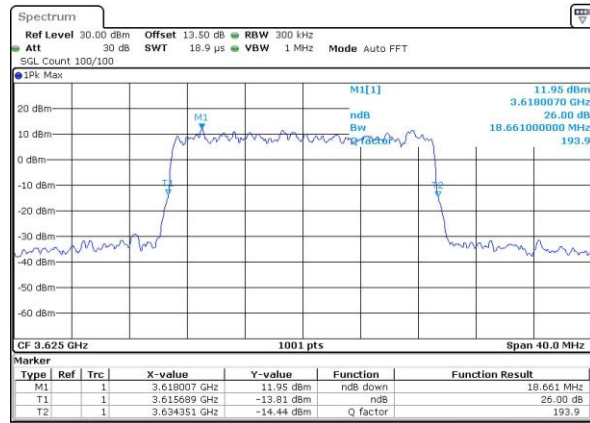
Date: 19_JUL_2019 19:44:57

Middle Channel / 15MHz / 64QAM



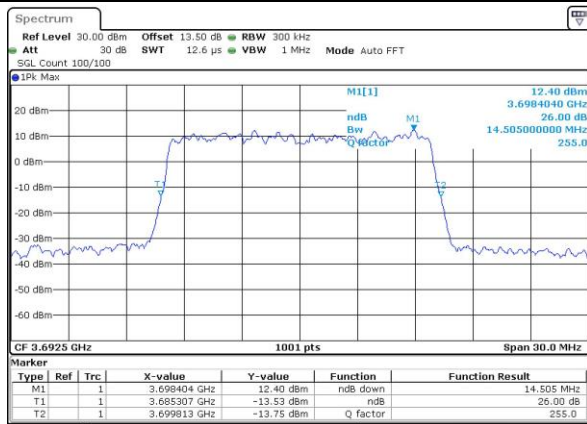
Date: 19_JUL_2019 19:44:06

Middle Channel / 20MHz / 64QAM



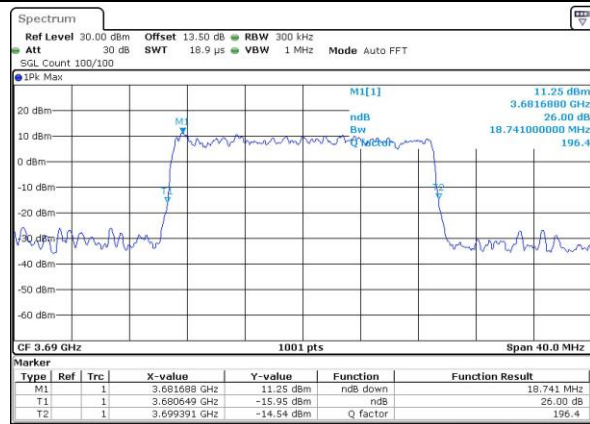
Date: 19_JUL_2019 19:45:21

Highest Channel / 15MHz / 64QAM



Date: 19_JUL_2019 19:44:31

Highest Channel / 20MHz / 64QAM



Date: 19_JUL_2019 19:45:47

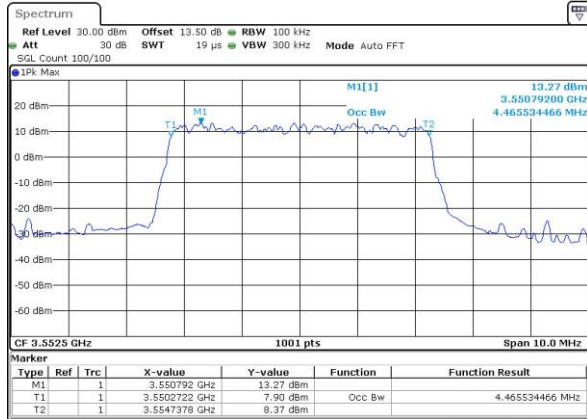
**Occupied Bandwidth**

Mode	LTE Band 48 : 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	-	-	-	-	4.47	4.51	9.01	9.07	13.49	13.46	17.94	17.90
Middle CH	-	-	-	-	4.50	4.50	9.03	9.05	13.43	13.43	18.06	18.02
Highest CH	-	-	-	-	4.47	4.49	9.03	9.09	13.49	13.49	17.94	17.98
Mode	LTE Band 48 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-	-	-	-	4.47	-	9.09	-	13.43	-	17.90	-
Middle CH	-	-	-	-	4.48	-	9.07	-	13.46	-	17.98	-
Highest CH	-	-	-	-	4.50	-	9.09	-	13.46	-	17.98	-



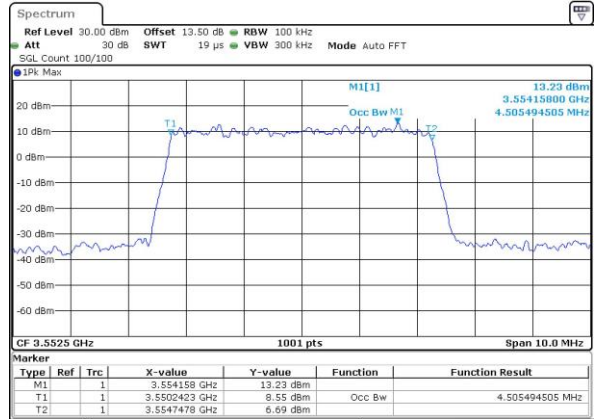
LTE Band 48

Lowest Channel / 5MHz / QPSK



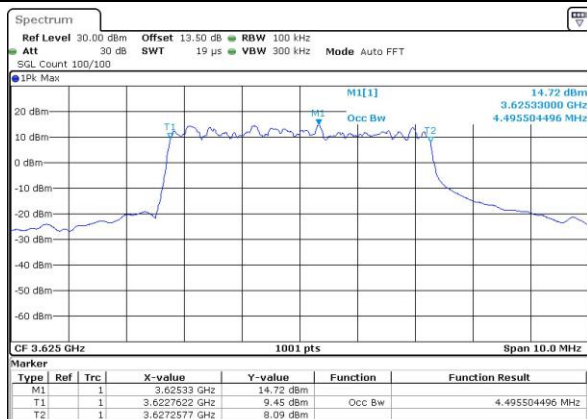
Date: 19_JUL_2019 19:05:48

Lowest Channel / 5MHz / 16QAM



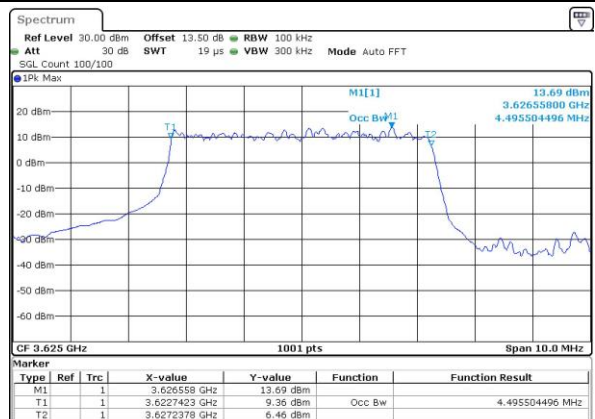
Date: 19_JUL_2019 19:06:01

Middle Channel / 5MHz / QPSK



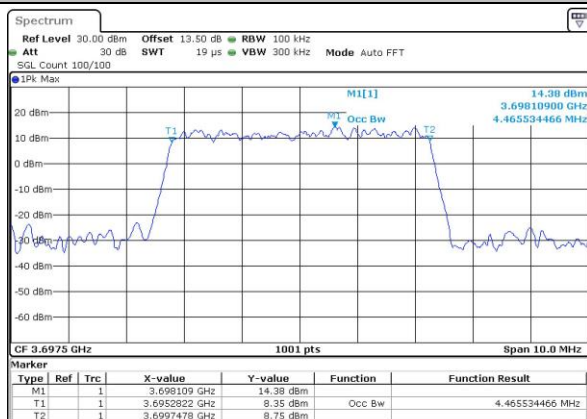
Date: 19_JUL_2019 19:06:38

Middle Channel / 5MHz / 16QAM



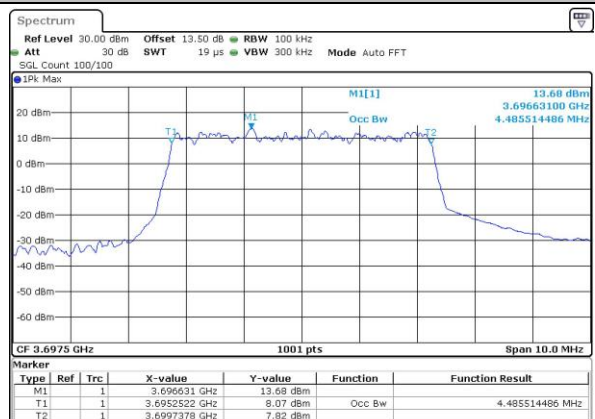
Date: 19_JUL_2019 19:06:51

Highest Channel / 5MHz / QPSK



Date: 19_JUL_2019 19:07:27

Highest Channel / 5MHz / 16QAM

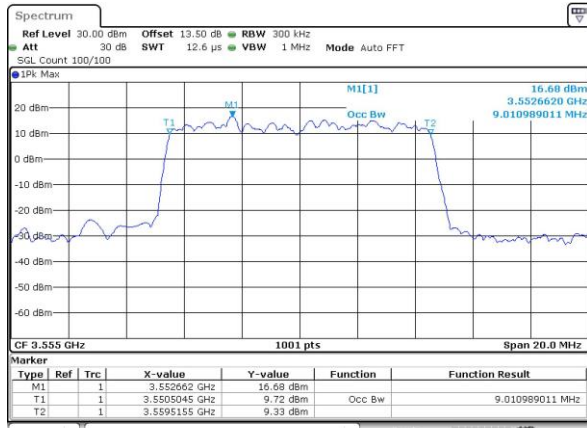


Date: 19_JUL_2019 19:07:40



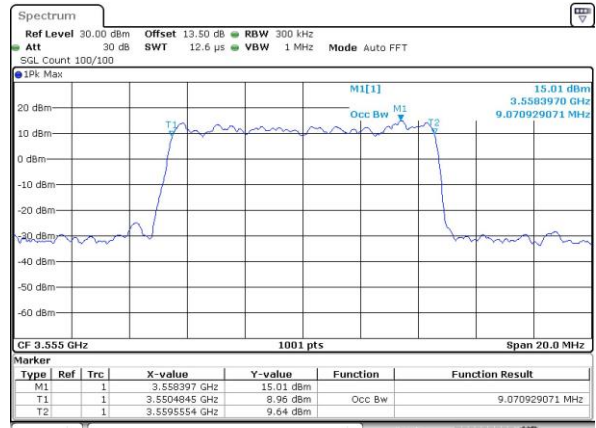
LTE Band 48

Lowest Channel / 10MHz / QPSK



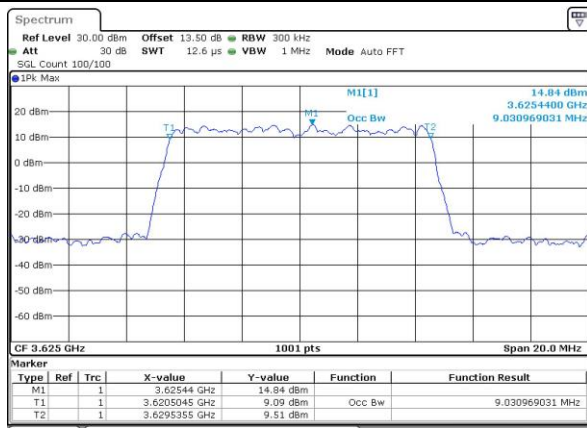
Date: 19_JUL_2019 19:08:10

Lowest Channel / 10MHz / 16QAM



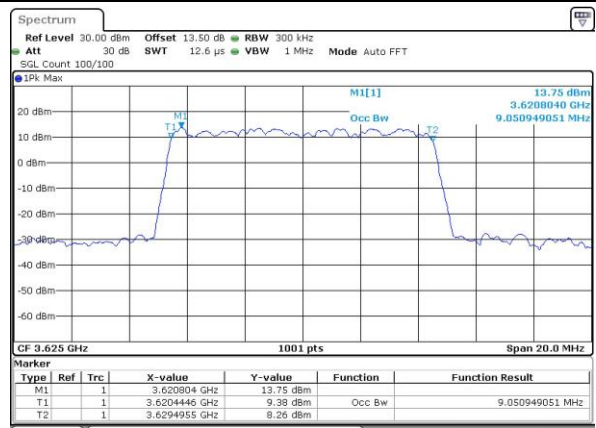
Date: 19_JUL_2019 19:08:31

Middle Channel / 10MHz / QPSK



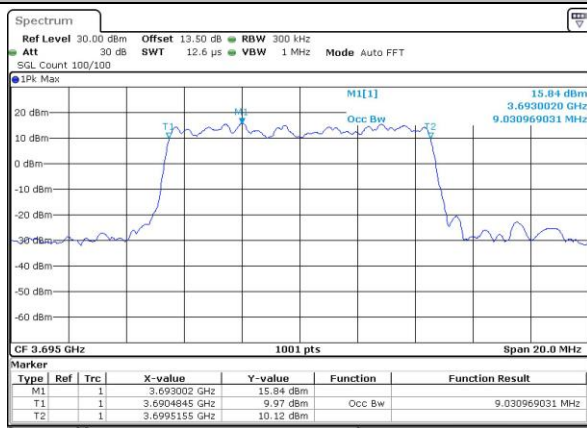
Date: 19_JUL_2019 19:09:08

Middle Channel / 10MHz / 16QAM



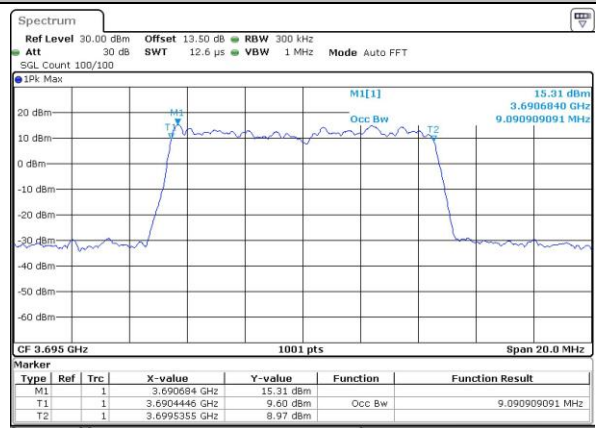
Date: 19_JUL_2019 19:09:20

Highest Channel / 10MHz / QPSK



Date: 19_JUL_2019 19:09:57

Highest Channel / 10MHz / 16QAM



Date: 19_JUL_2019 19:54:24