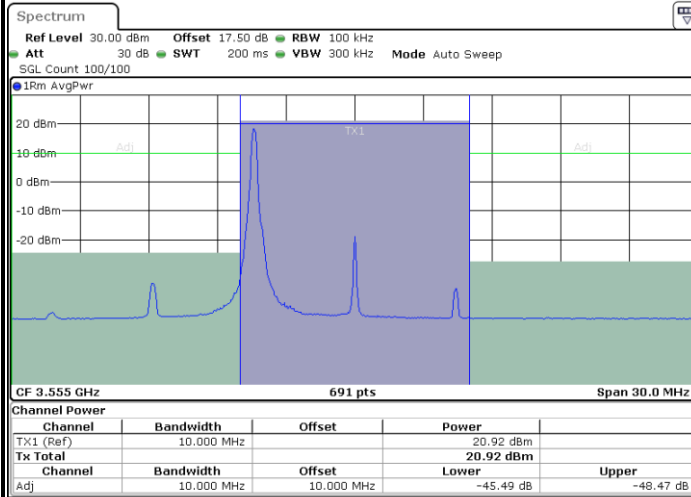




LTE Band 48 / 10MHz

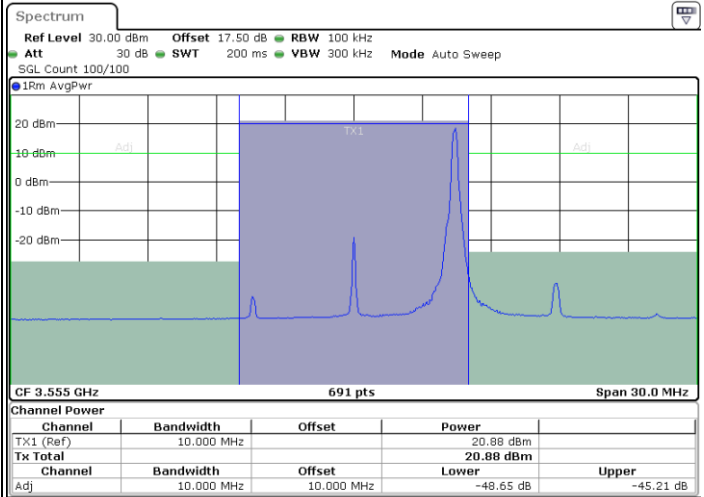
64QAM

Lowest Channel / 1RB0



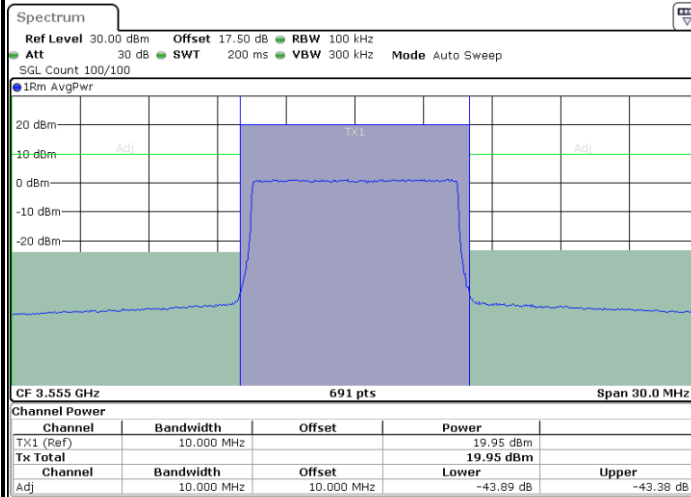
Date: 12.APR.2020 16:15:17

Lowest Channel / 1RBmax



Date: 12.APR.2020 16:25:27

Lowest Channel / FullRB



Date: 12.APR.2020 16:20:23

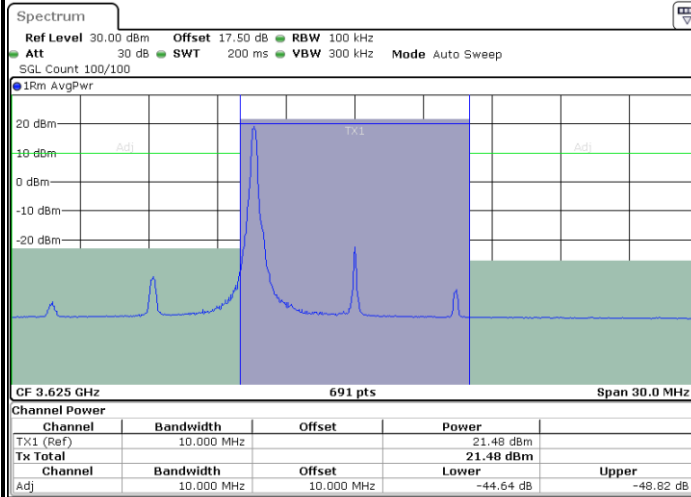
N/A



LTE Band 48 / 10MHz

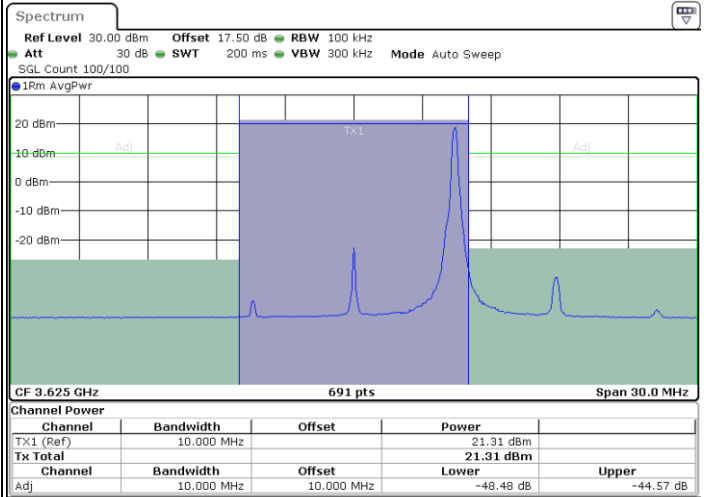
64QAM

MiddleChannel / 1RB0



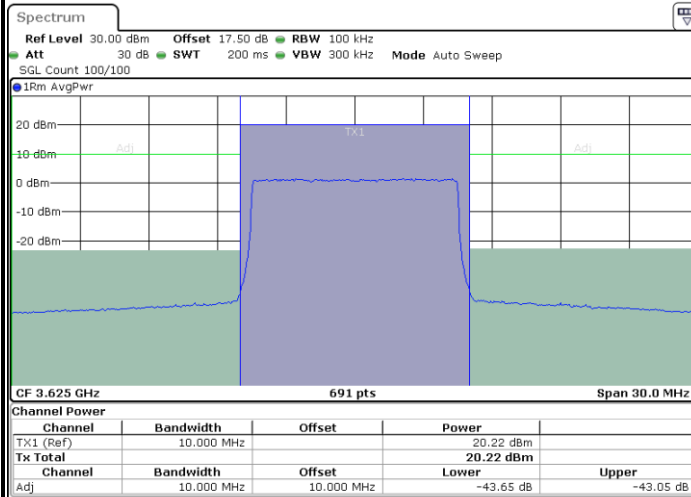
Date: 12.APR.2020 16:18:07

Middle Channel / 1RBmax



Date: 12.APR.2020 16:28:14

Middle Channel / FullRB



Date: 12.APR.2020 16:23:10

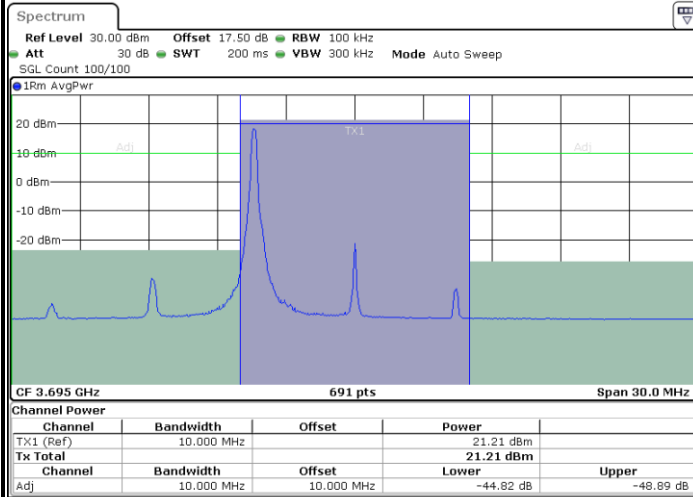
N/A



LTE Band 48 / 10MHz

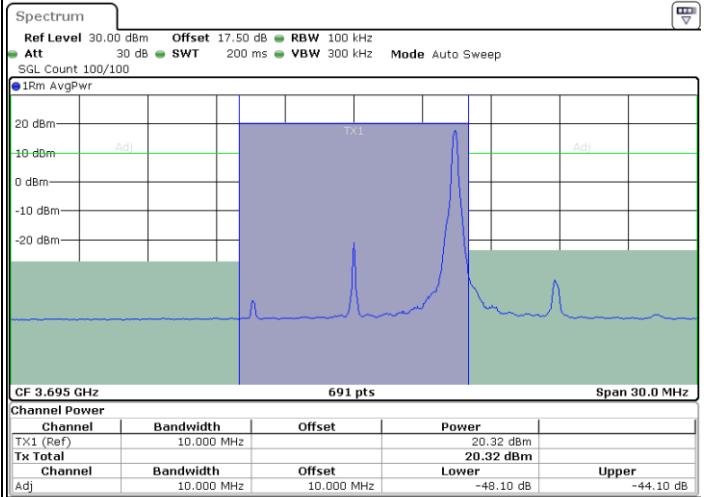
64QAM

Highest Channel / 1RB0



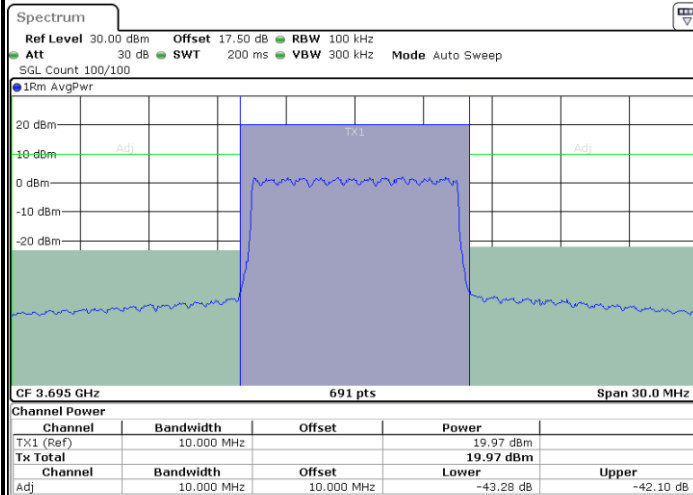
Date: 12.APR.2020 16:18:40

Highest Channel / 1RBmax



Date: 12.APR.2020 16:28:48

Highest Channel / FullRB



Date: 12.APR.2020 16:23:44

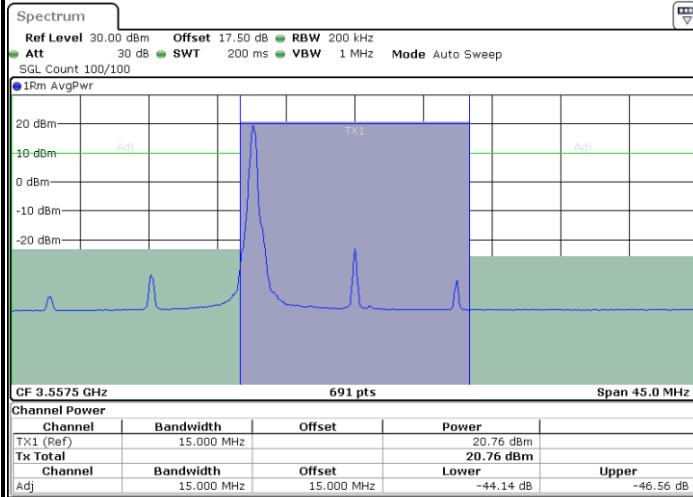
N/A



LTE Band 48 / 15MHz

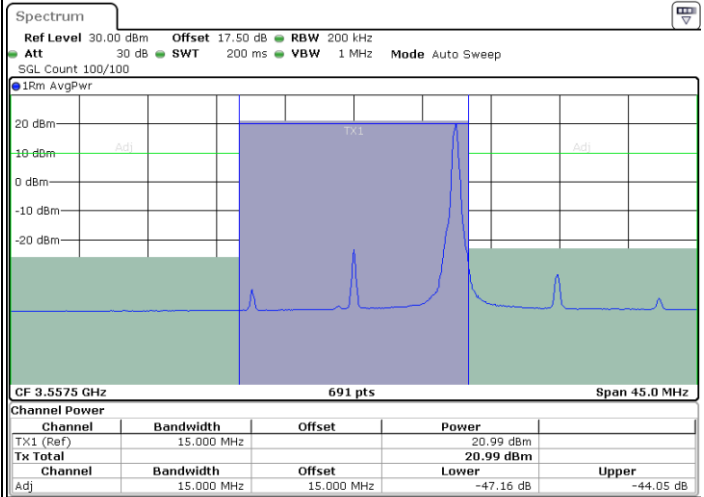
64QAM

Lowest Channel / 1RB0



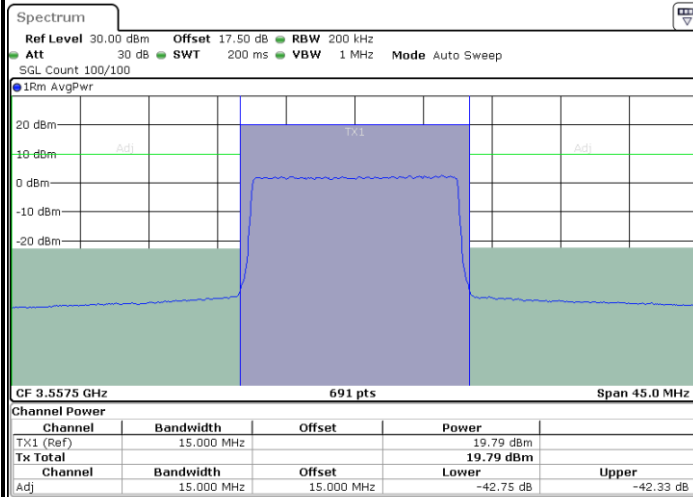
Date: 12.APR.2020 16:31:39

Lowest Channel / 1RBmax



Date: 12.APR.2020 16:41:43

Lowest Channel / FullRB



Date: 12.APR.2020 16:36:41

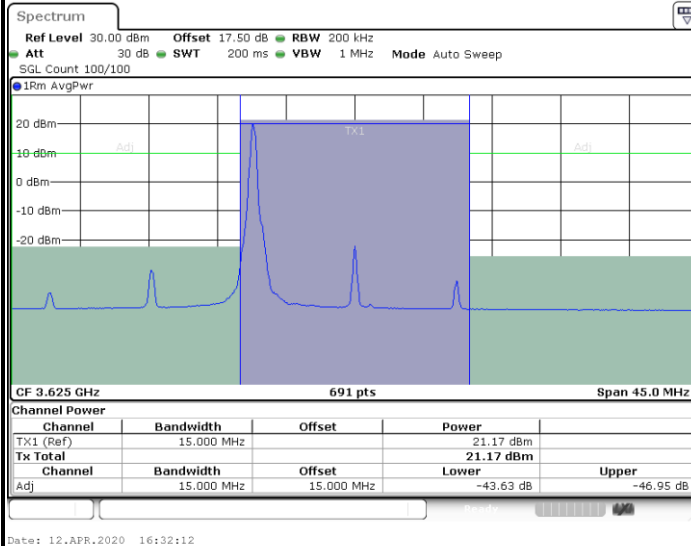
N/A



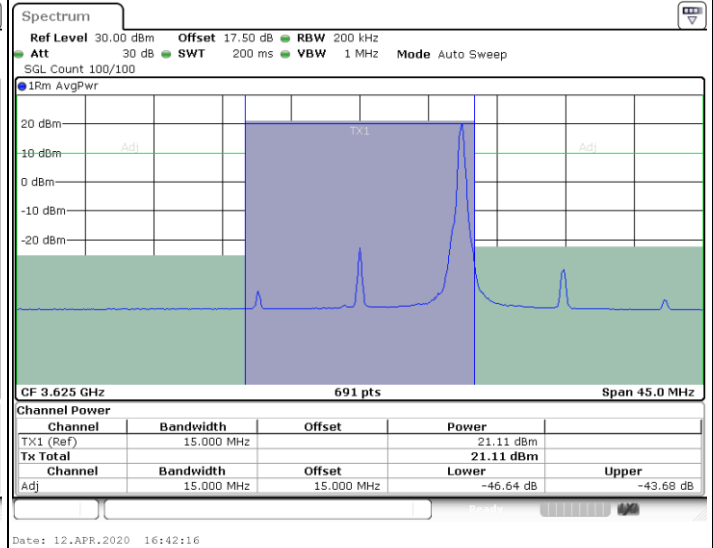
LTE Band 48 / 15MHz

64QAM

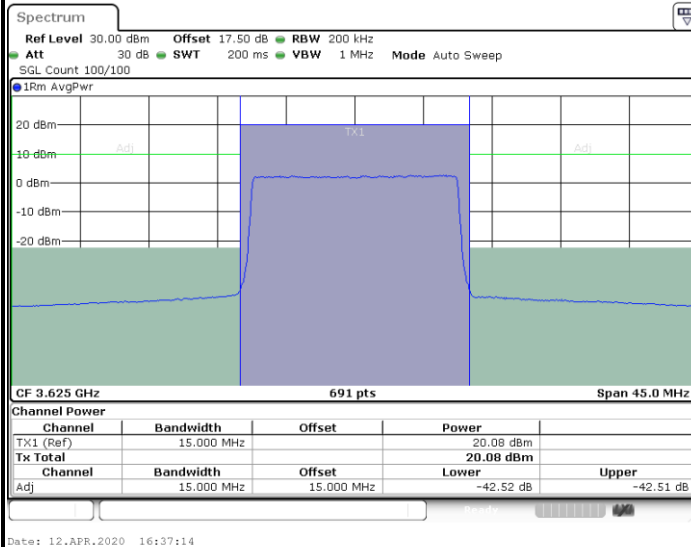
Middle Channel / 1RB0



Middle Channel / 1RBmax



Middle Channel / FullRB



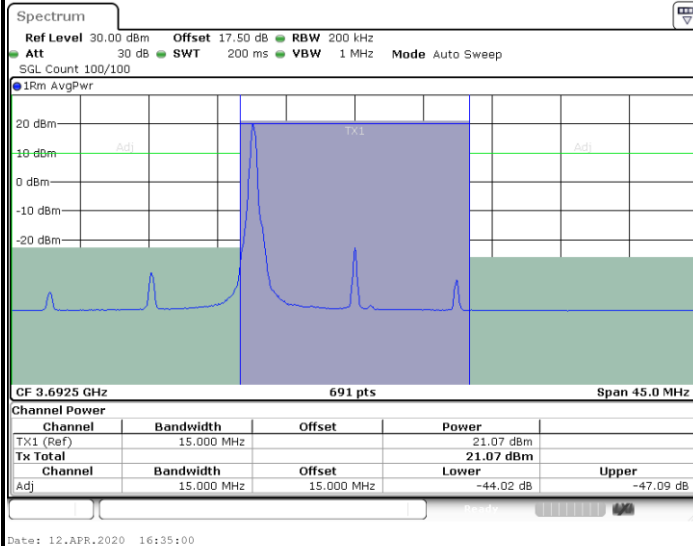
N/A



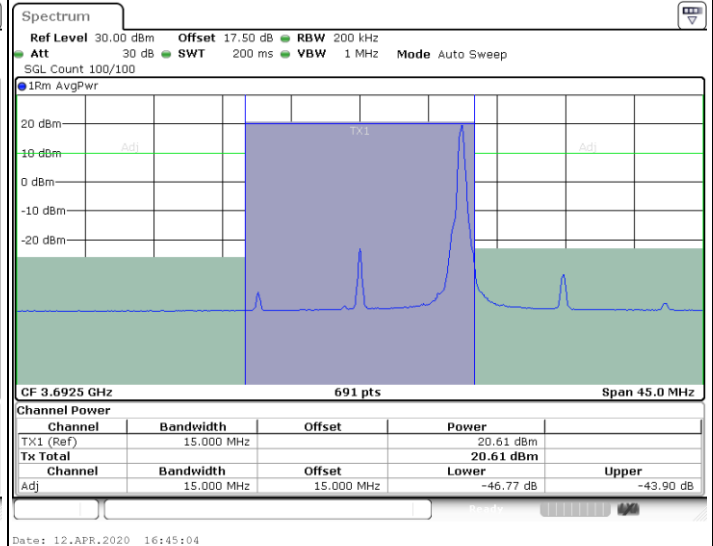
LTE Band 48 / 15MHz

64QAM

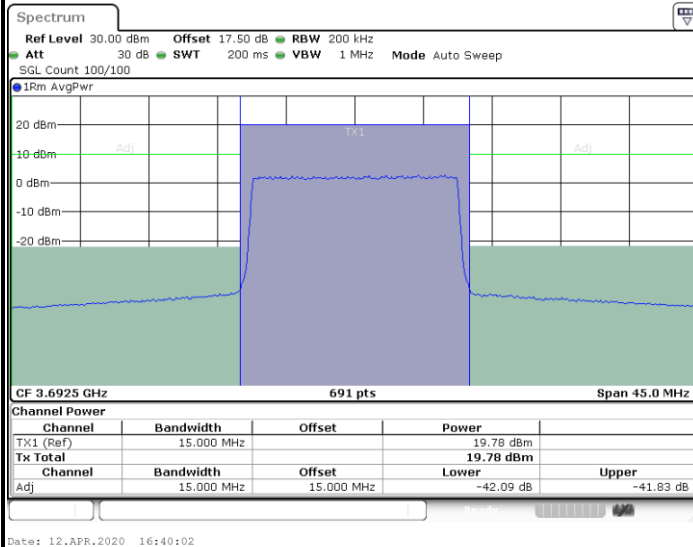
Highest Channel / 1RB0



Highest Channel / 1RBmax



Highest Channel / FullRB



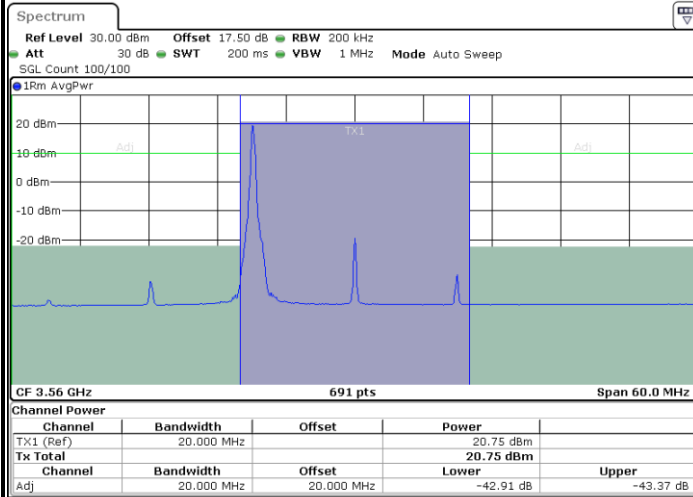
N/A



LTE Band 48 / 20MHz

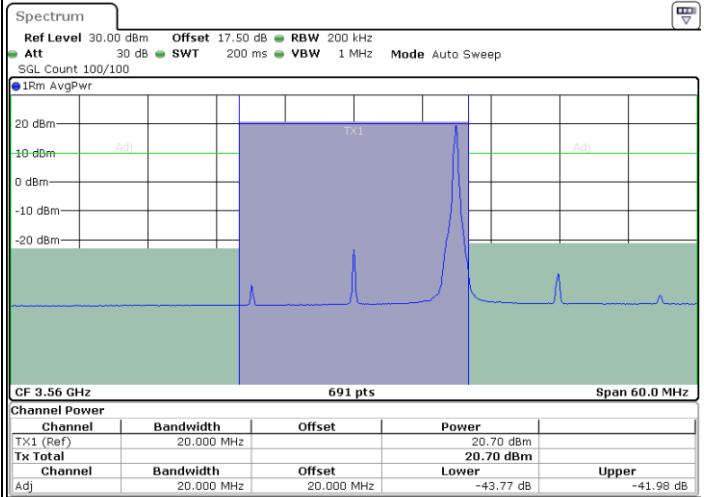
64QAM

Lowest Channel / 1RB0



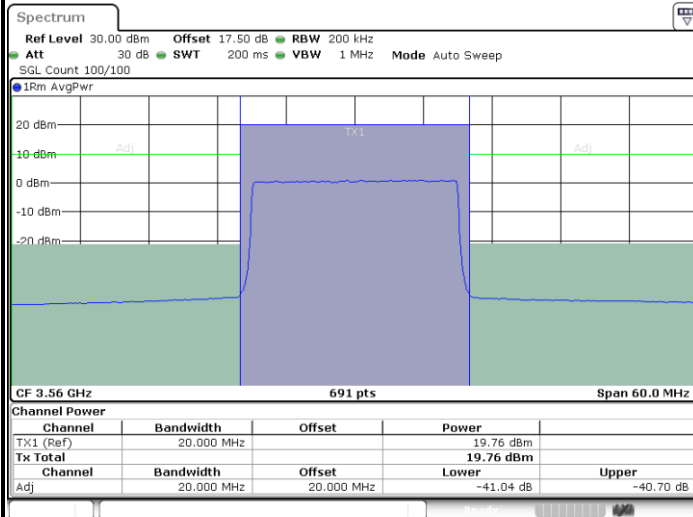
Date: 12.APR.2020 16:50:31

Lowest Channel / 1RBmax



Date: 12.APR.2020 16:55:23

Lowest Channel / FullRB



Date: 12.APR.2020 16:45:38

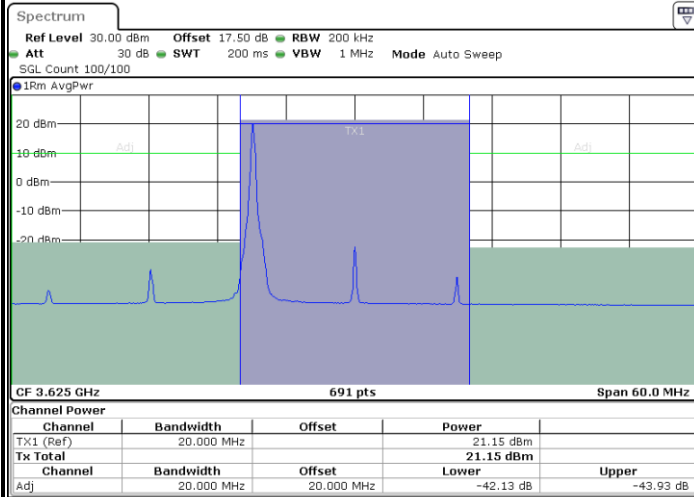
N/A



LTE Band 48 / 20MHz

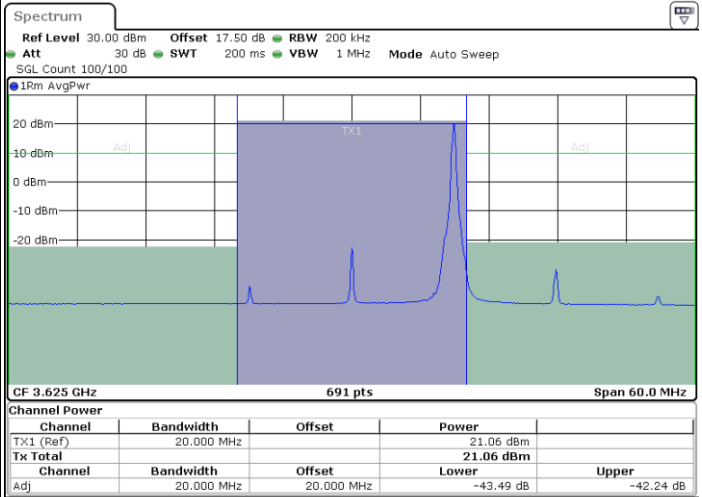
64QAM

Middle Channel / 1RB0



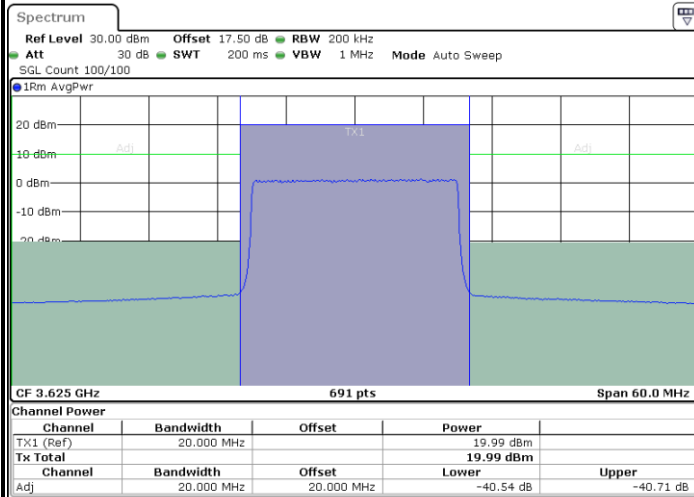
Date: 12.APR.2020 16:53:12

Middle Channel / 1RBmax



Date: 12.APR.2020 16:58:05

Middle Channel / FullRB



Date: 12.APR.2020 16:48:20

N/A



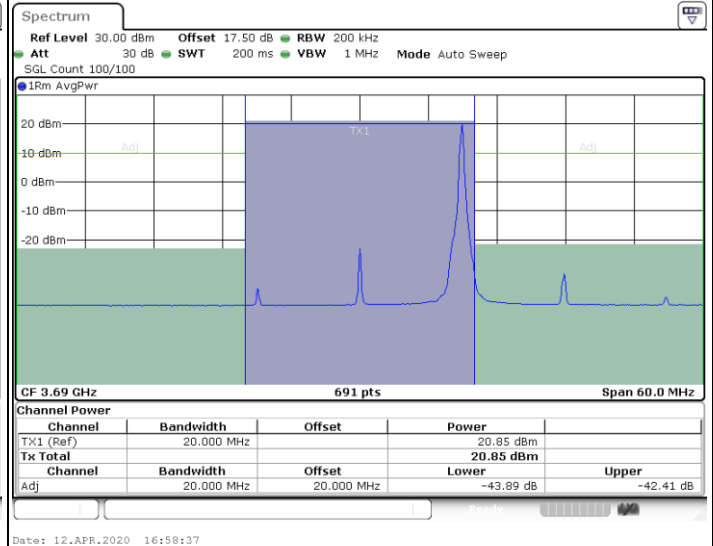
LTE Band 48 / 20MHz

64QAM

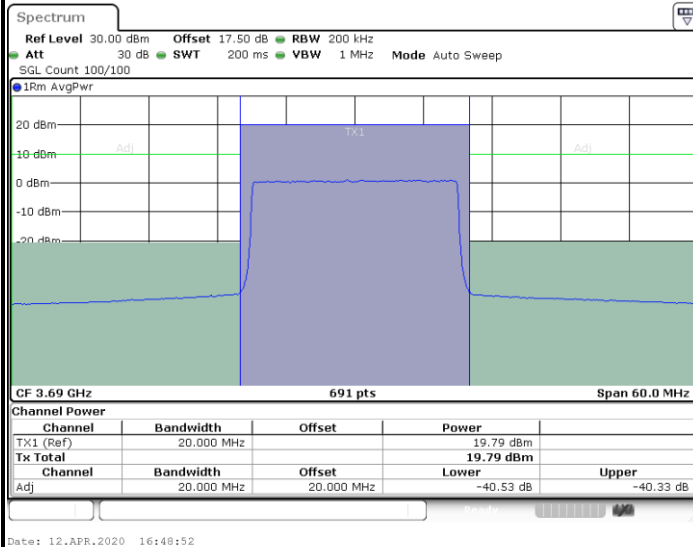
Highest Channel / 1RB0



Highest Channel / 1RBmax



Highest Channel / FullIRB



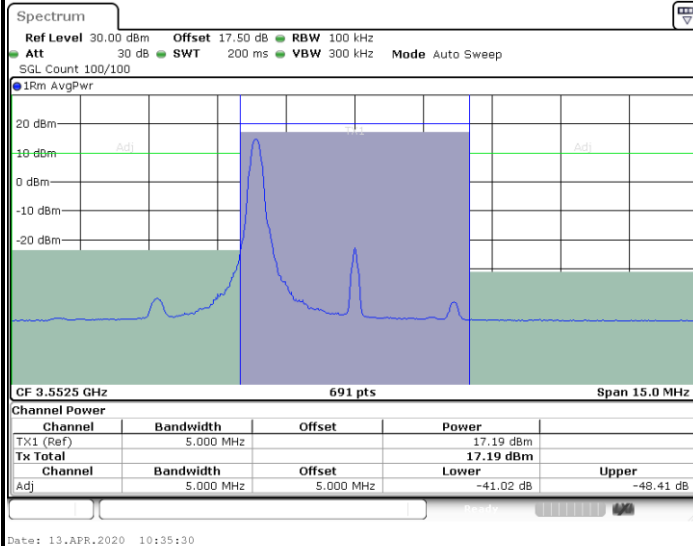
N/A



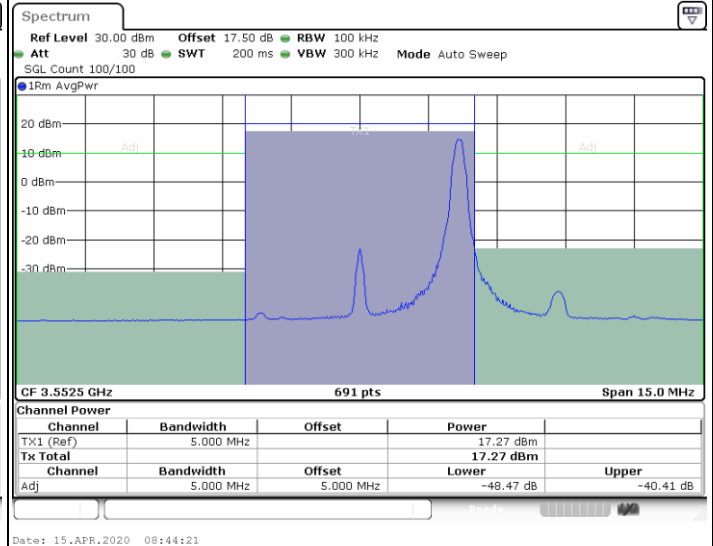
LTE Band 48 / 5MHz

256QAM

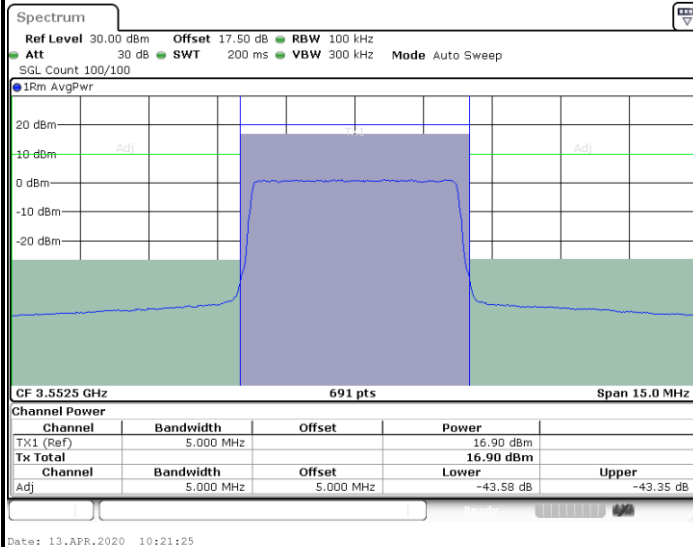
Lowest Channel / 1RB0



Lowest Channel / 1RBmax



Lowest Channel / FullRB



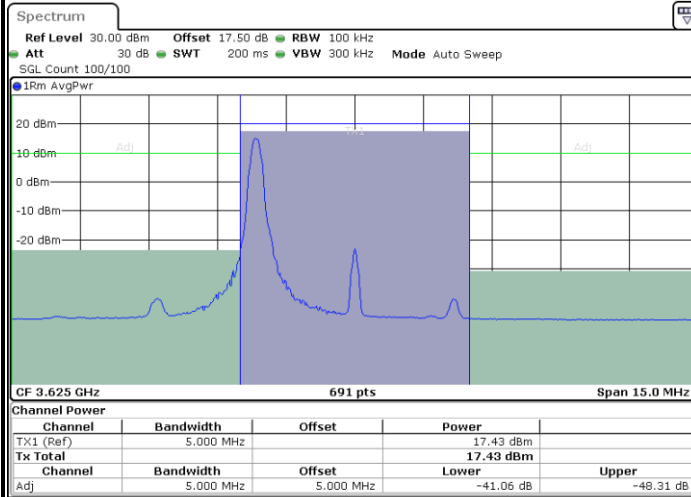
N/A



LTE Band 48 / 5MHz

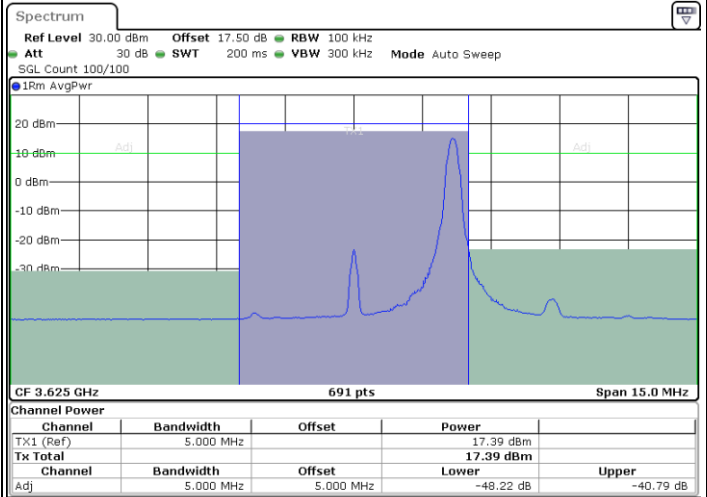
256QAM

Middle Channel / 1RB0



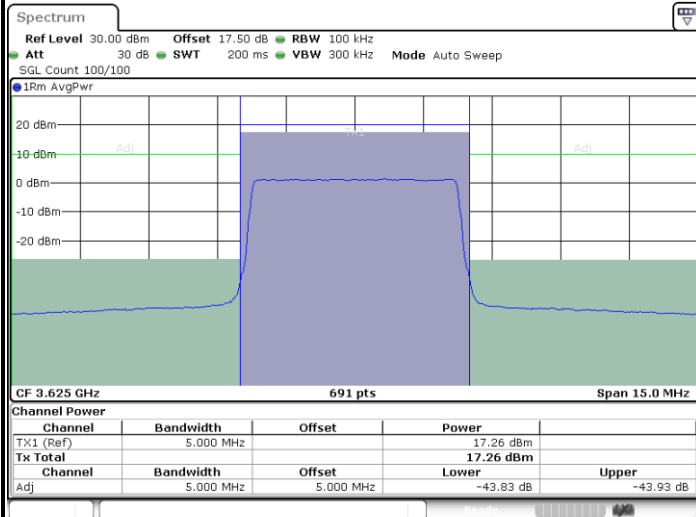
Date: 13.APR.2020 10:02:03

Middle Channel / 1RBmax



Date: 13.APR.2020 10:02:47

Middle Channel / FullRB



Date: 13.APR.2020 10:01:19

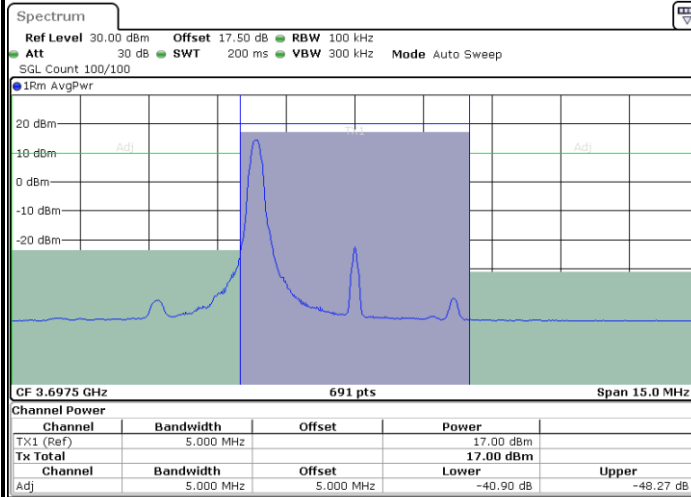
N/A



LTE Band 48 / 5MHz

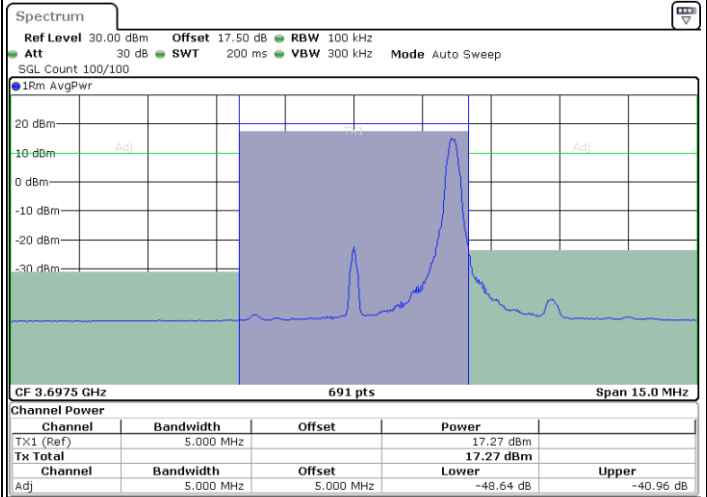
256QAM

Highest Channel / 1RB0



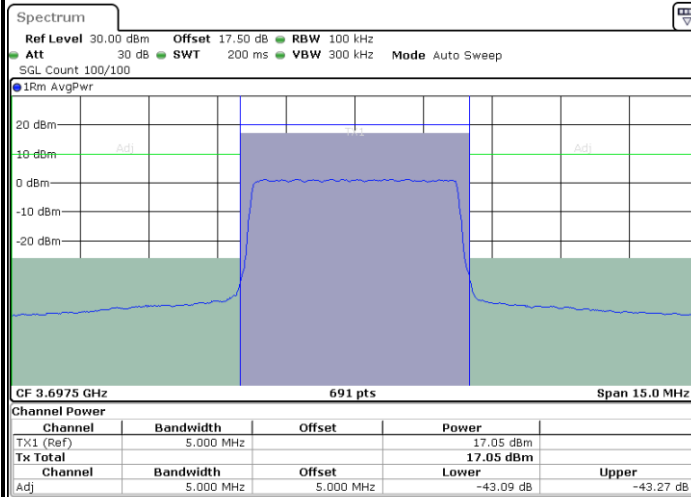
Date: 13.APR.2020 10:31:02

Highest Channel / 1RBmax



Date: 13.APR.2020 10:33:34

Highest Channel / FullIRB



Date: 13.APR.2020 10:30:23

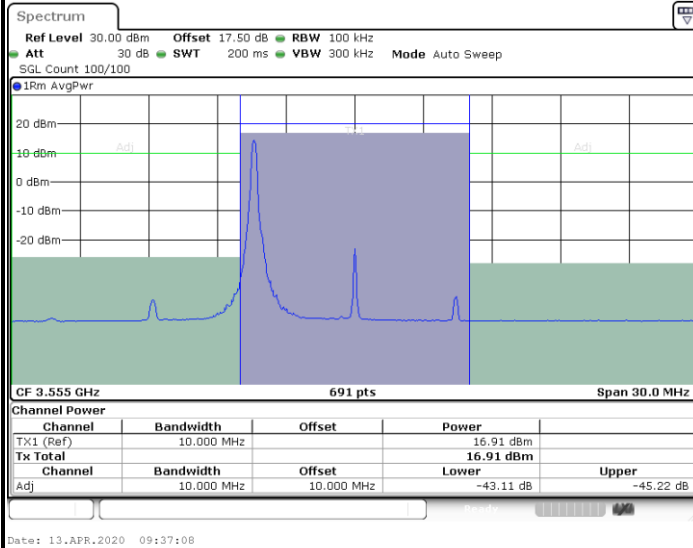
N/A



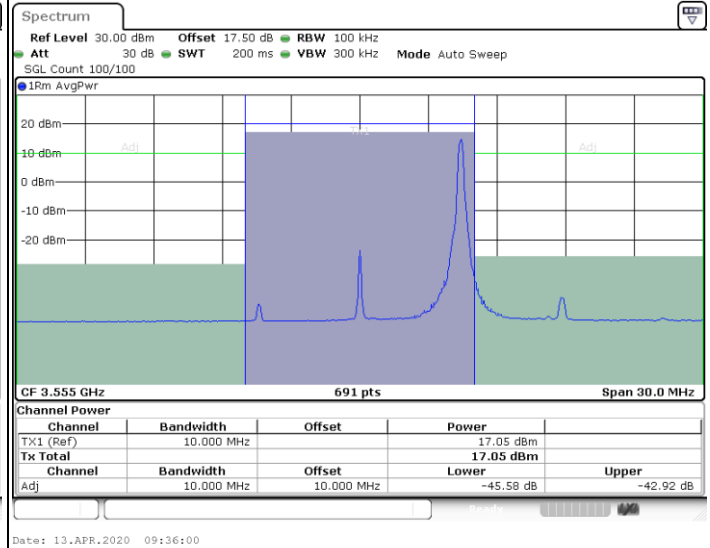
LTE Band 48 / 10MHz

256QAM

Lowest Channel / 1RB0



Lowest Channel / 1RBmax



Lowest Channel / FullRB



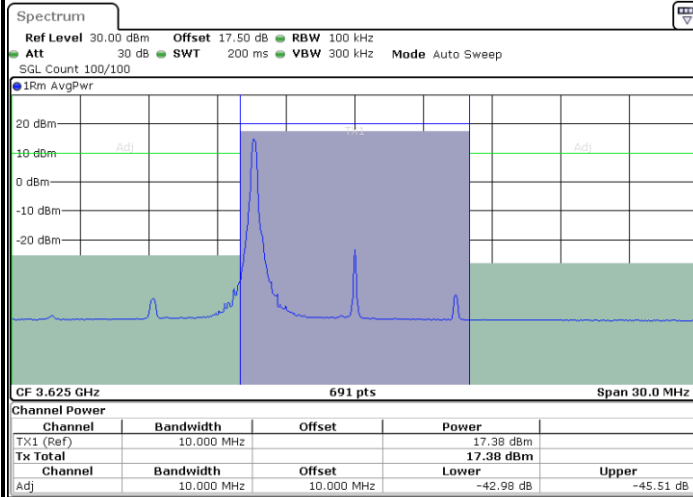
N/A



LTE Band 48 / 10MHz

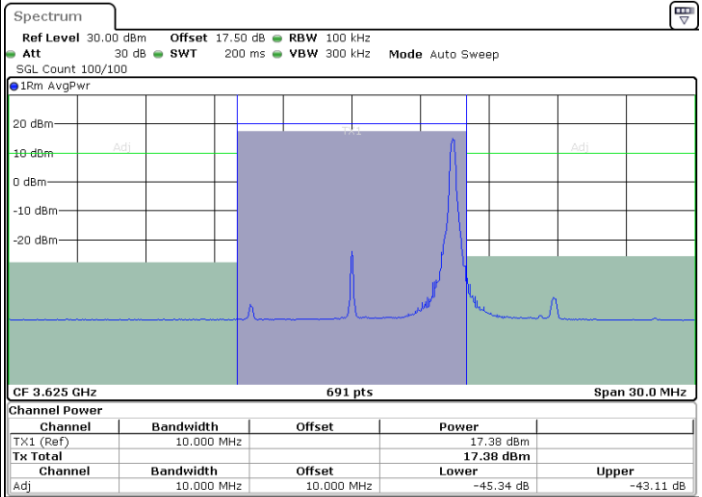
256QAM

MiddleChannel / 1RB0



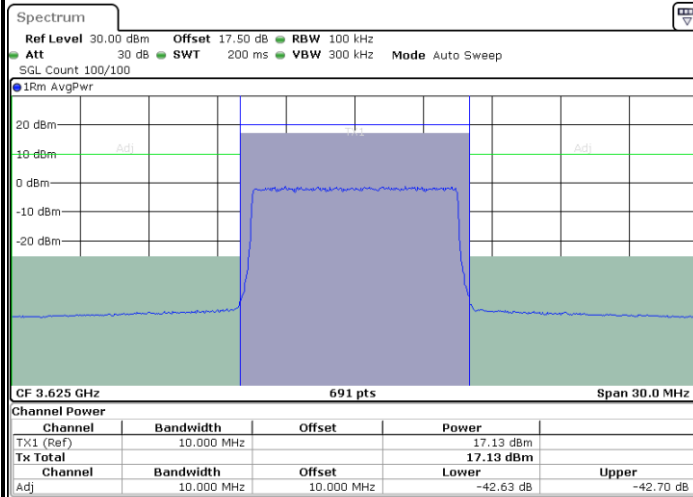
Date: 13.APR.2020 09:12:47

Middle Channel / 1RBmax



Date: 13.APR.2020 09:13:28

Middle Channel / FullRB



Date: 13.APR.2020 09:10:34

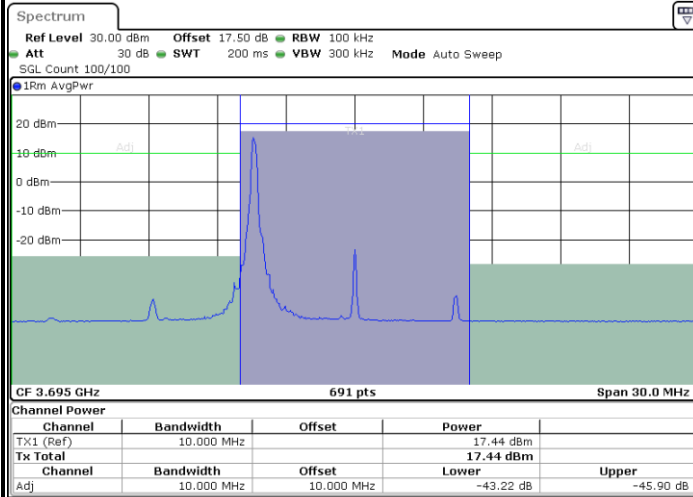
N/A



LTE Band 48 / 10MHz

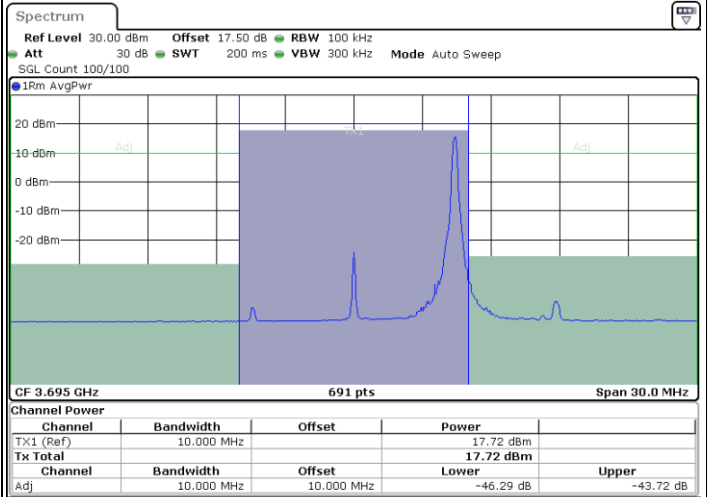
256QAM

Highest Channel / 1RB0



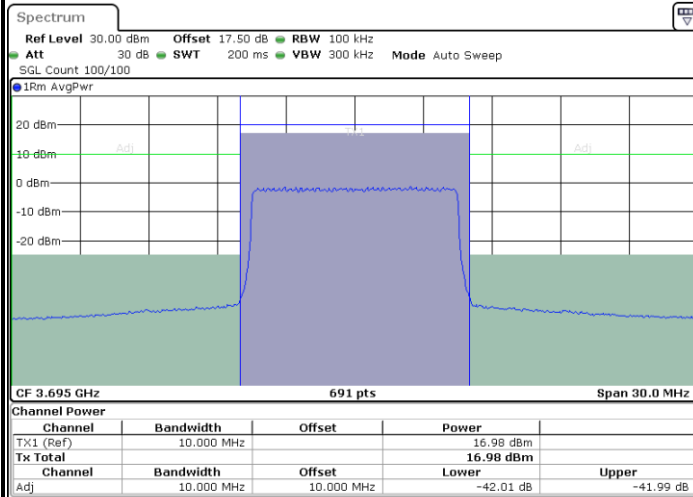
Date: 13.APR.2020 09:44:50

Highest Channel / 1RBmax



Date: 13.APR.2020 09:45:56

Highest Channel / FullIRB



Date: 13.APR.2020 09:43:40

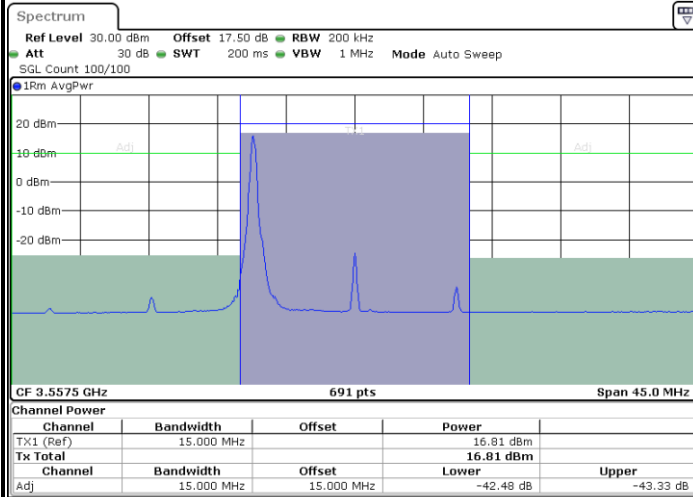
N/A



LTE Band 48 / 15MHz

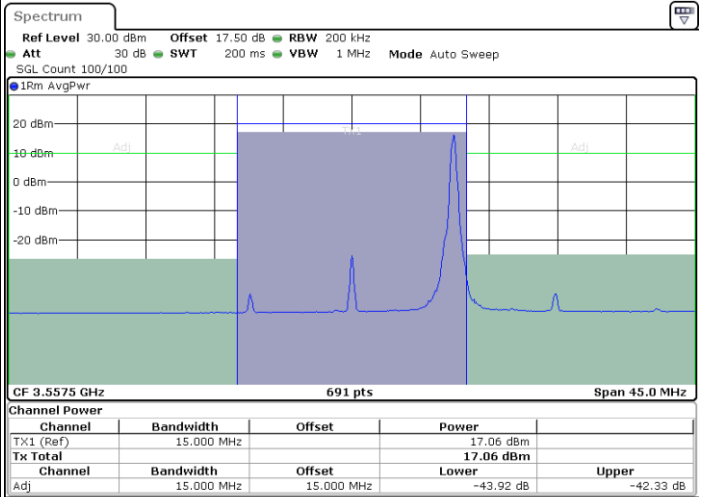
256QAM

Lowest Channel / 1RB0



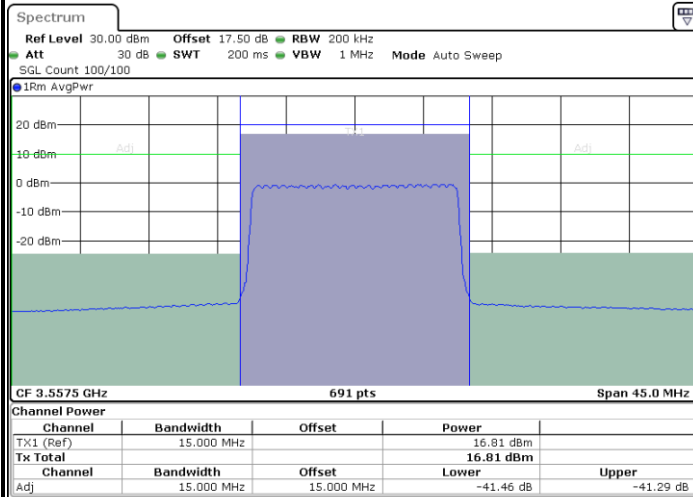
Date: 13.APR.2020 08:50:14

Lowest Channel / 1RBmax



Date: 13.APR.2020 08:50:55

Lowest Channel / FullRB



Date: 13.APR.2020 08:49:27

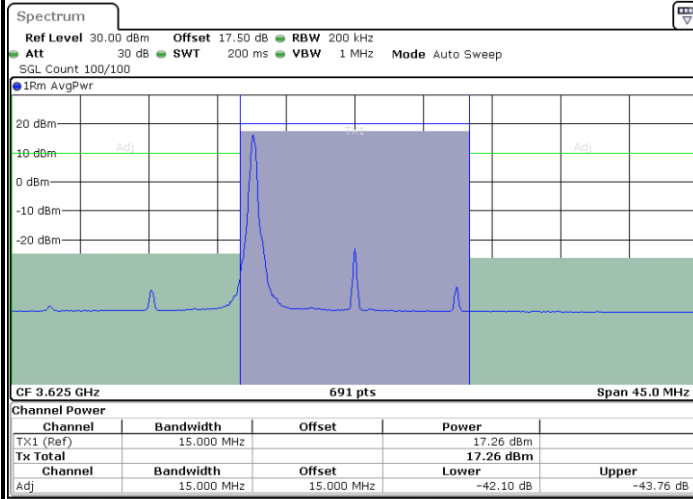
N/A



LTE Band 48 / 15MHz

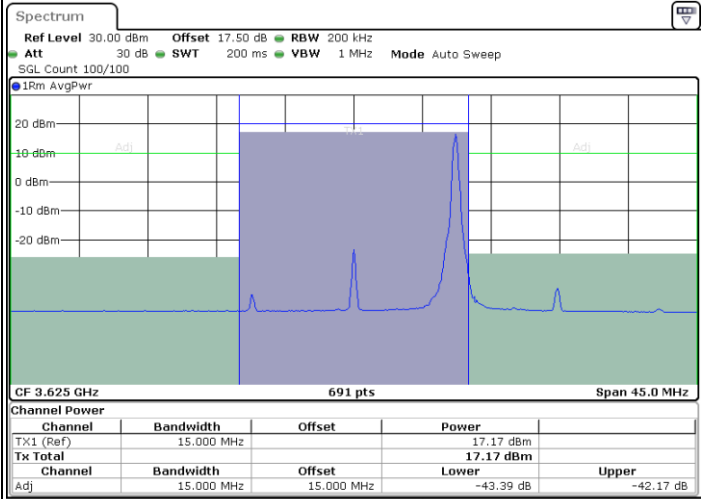
256QAM

Middle Channel / 1RB0



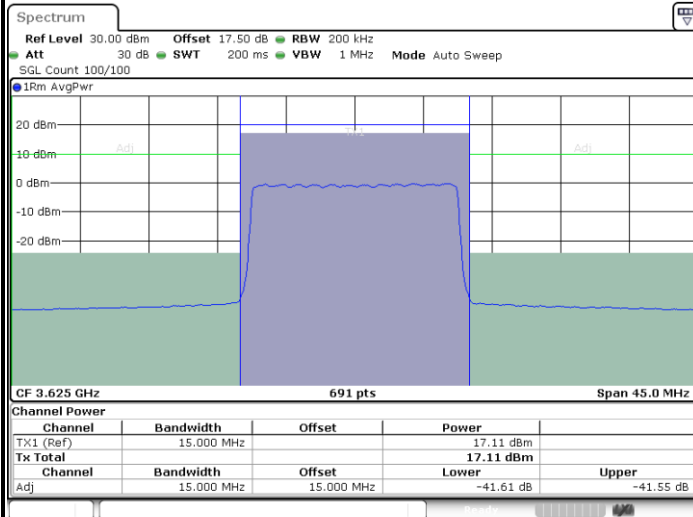
Date: 13.APR.2020 09:04:57

Middle Channel / 1RBmax



Date: 13.APR.2020 09:05:40

Middle Channel / FullRB



Date: 13.APR.2020 09:06:42

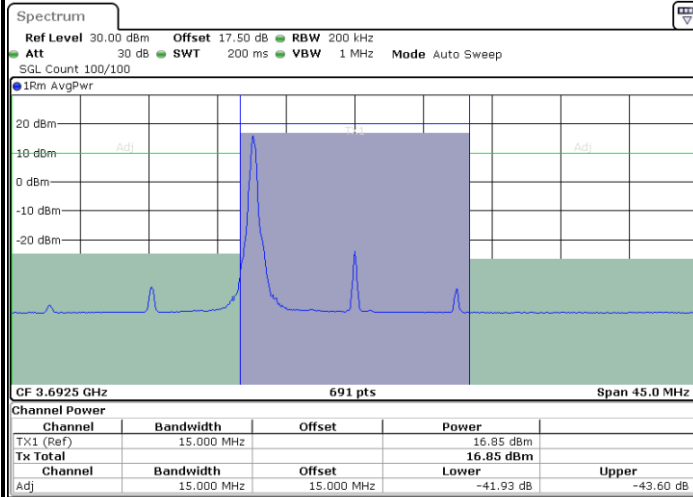
N/A



LTE Band 48 / 15MHz

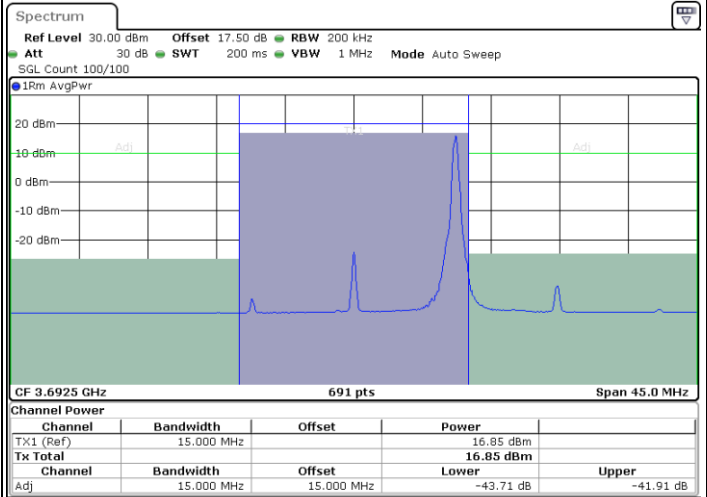
256QAM

Highest Channel / 1RB0



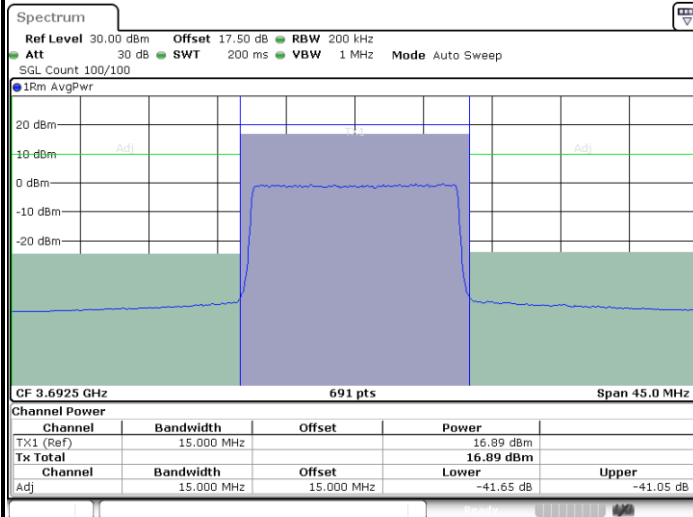
Date: 13.APR.2020 08:56:52

Highest Channel / 1RBmax



Date: 13.APR.2020 08:55:43

Highest Channel / FullIRB



Date: 13.APR.2020 08:59:28

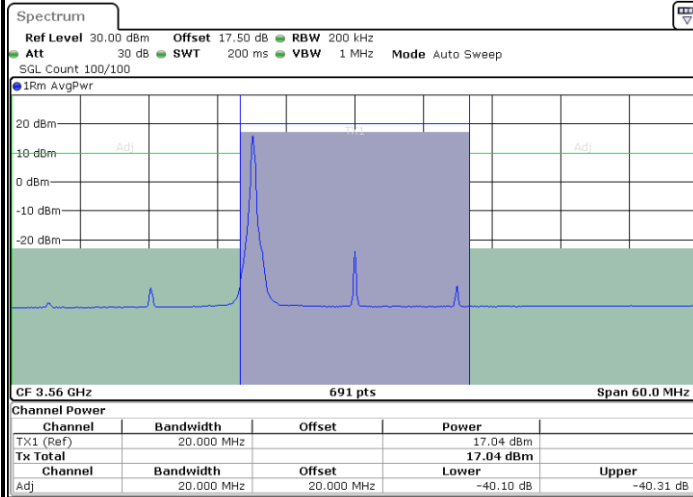
N/A



LTE Band 48 / 20MHz

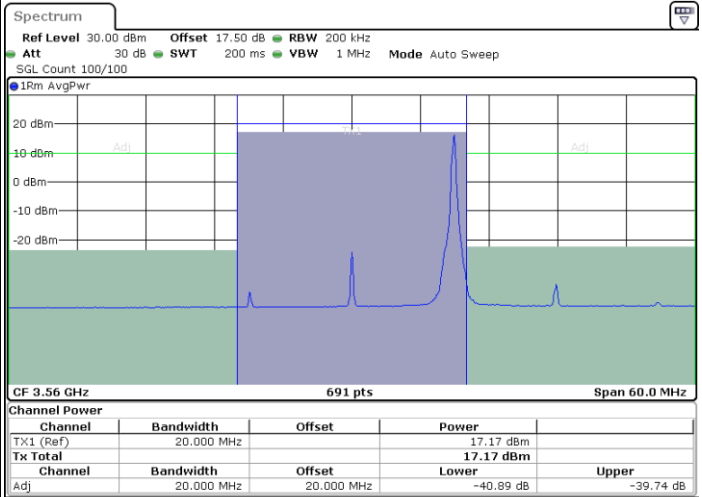
256QAM

Lowest Channel / 1RB0



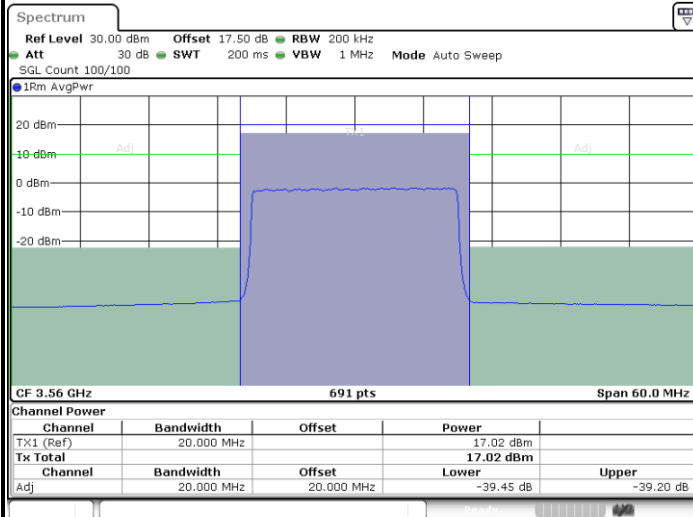
Date: 13.APR.2020 08:46:52

Lowest Channel / 1RBmax



Date: 13.APR.2020 08:46:02

Lowest Channel / FullRB



Date: 13.APR.2020 08:47:40

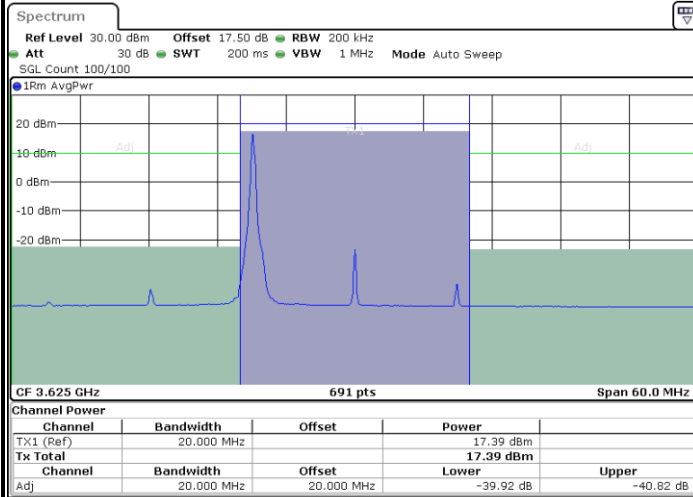
N/A



LTE Band 48 / 20MHz

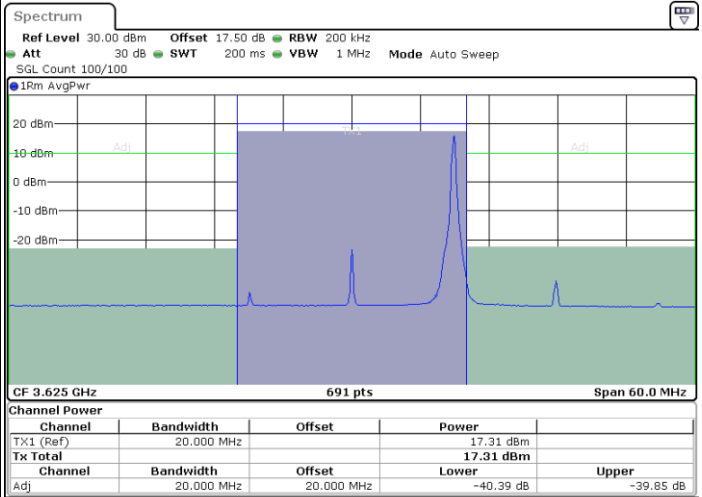
256QAM

Middle Channel / 1RB0



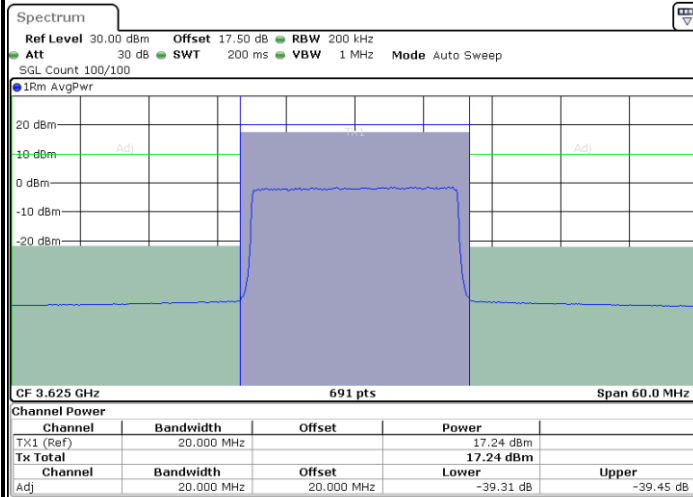
Date: 13.APR.2020 08:43:24

Middle Channel / 1RBmax



Date: 13.APR.2020 08:44:54

Middle Channel / FullRB



Date: 13.APR.2020 08:37:55

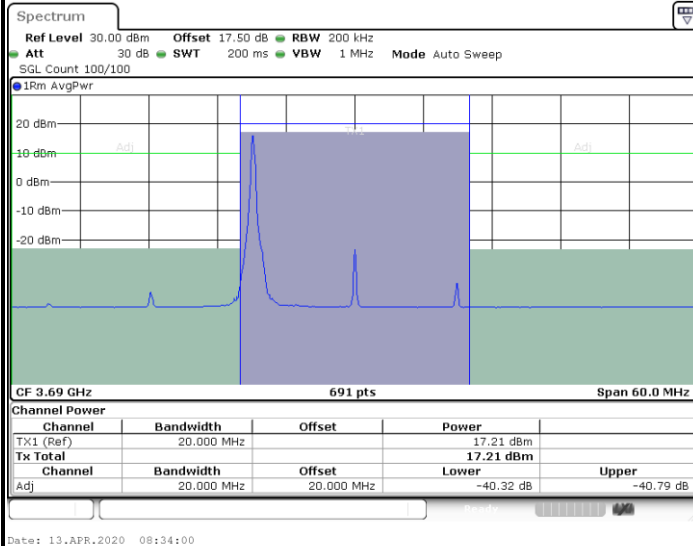
N/A



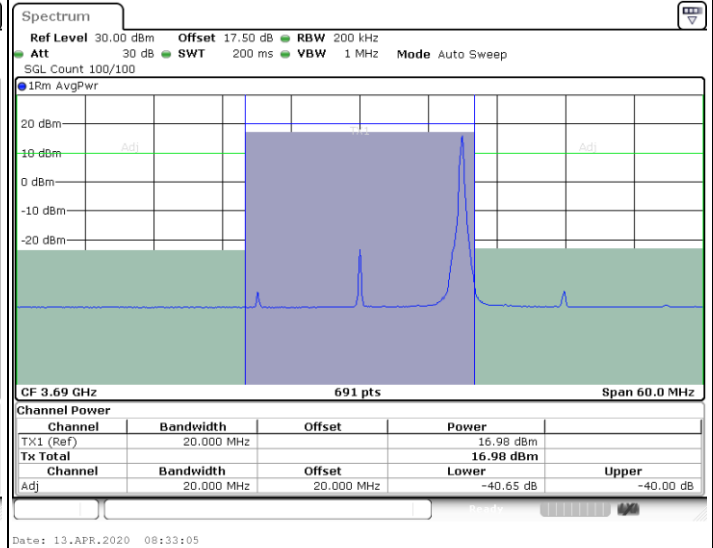
LTE Band 48 / 20MHz

256QAM

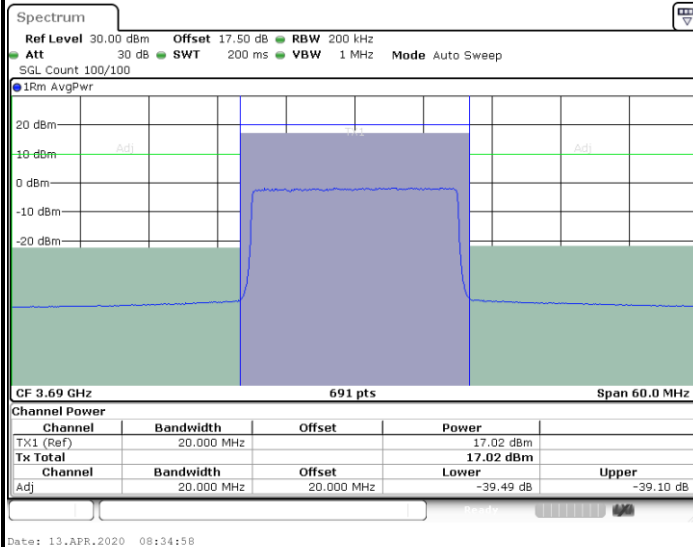
Highest Channel / 1RB0



Highest Channel / 1RBmax



Highest Channel / FullIRB



N/A

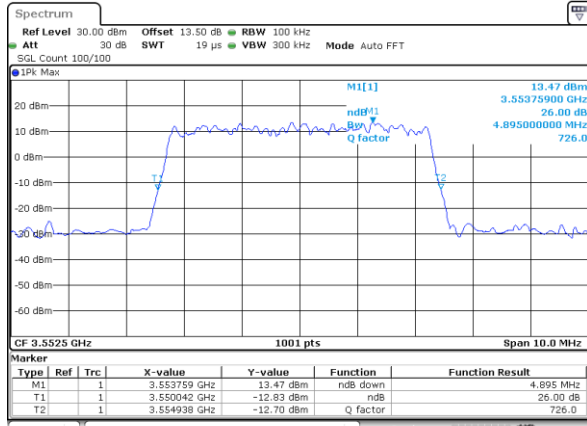
**26dB Bandwidth**

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	-	-	-	-	4.90	4.85	9.63	9.65	14.39	14.33	18.82	18.70
Middle CH	-	-	-	-	4.98	4.91	9.63	9.81	14.45	14.42	18.82	19.06
Highest CH	-	-	-	-	4.92	4.94	9.73	9.73	14.57	14.15	19.10	18.78
Mode	LTE Band 48 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Lowest CH	-	-	-	-	4.88	4.86	9.67	9.59	14.24	14.36	18.62	18.62
Middle CH	-	-	-	-	4.79	4.88	9.77	9.73	14.27	14.39	18.78	18.66
Highest CH	-	-	-	-	4.83	4.84	9.63	9.85	14.63	14.12	18.86	18.74



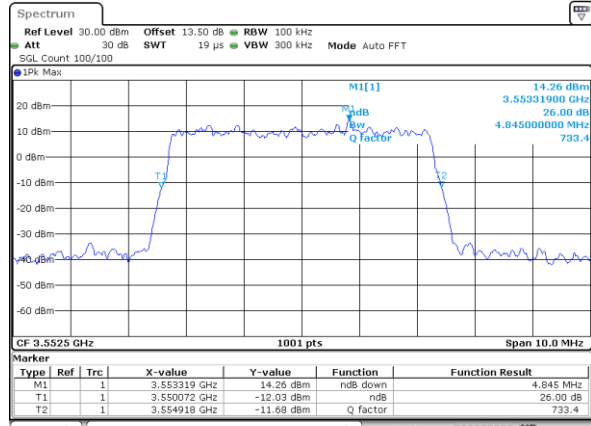
LTE Band 48

Lowest Channel / 5MHz / QPSK



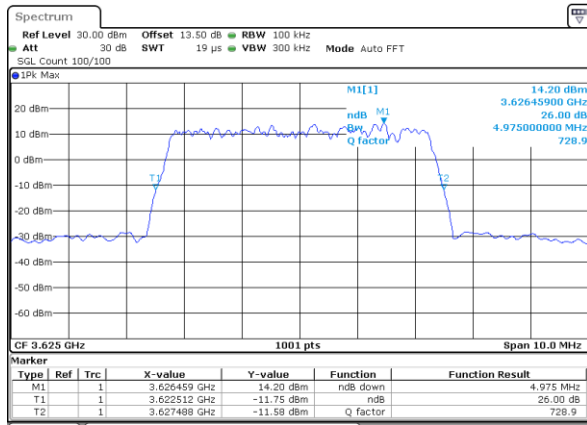
Date: 13.APR.2020 12:35:06

Lowest Channel / 5MHz / 16QAM



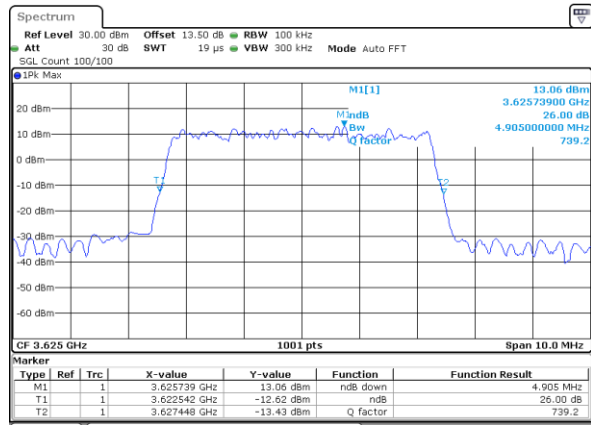
Date: 13.APR.2020 12:35:120

Middle Channel / 5MHz / QPSK



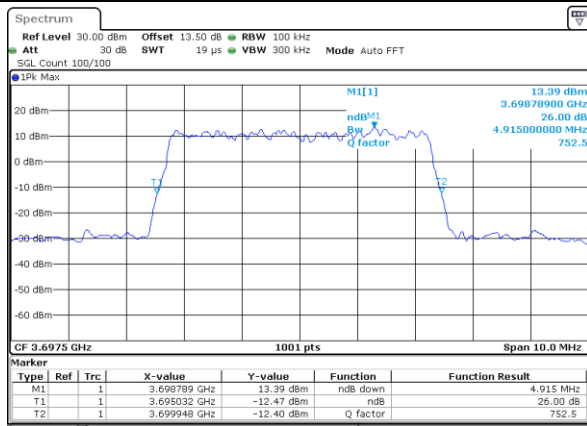
Date: 13.APR.2020 12:36:00

Middle Channel / 5MHz / 16QAM



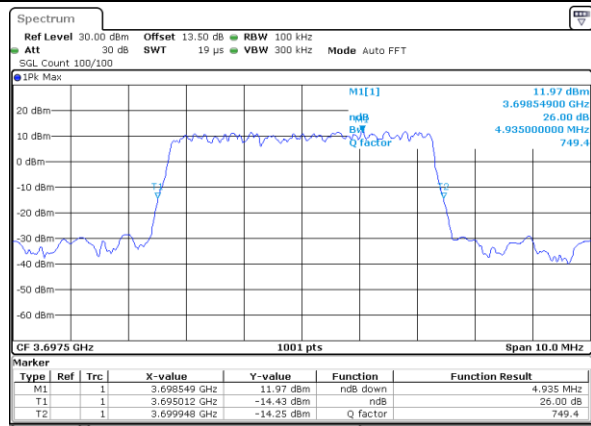
Date: 13.APR.2020 12:36:114

Highest Channel / 5MHz / QPSK



Date: 13.APR.2020 12:36:55

Highest Channel / 5MHz / 16QAM

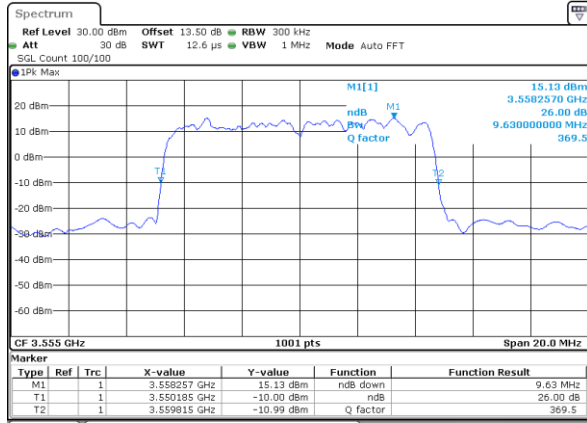


Date: 13.APR.2020 12:37:09



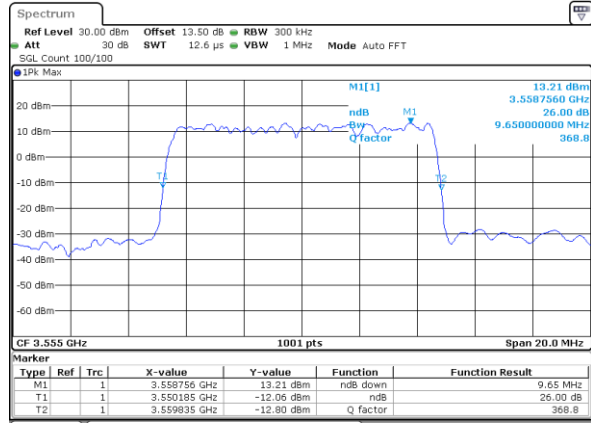
LTE Band 48

Lowest Channel / 10MHz / QPSK



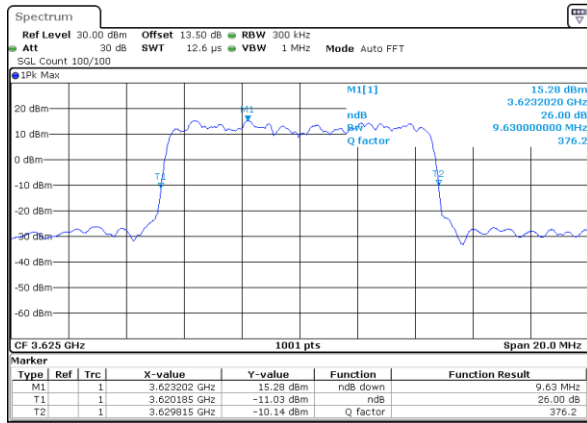
Date: 13.APR.2020 12:37:52

Lowest Channel / 10MHz / 16QAM



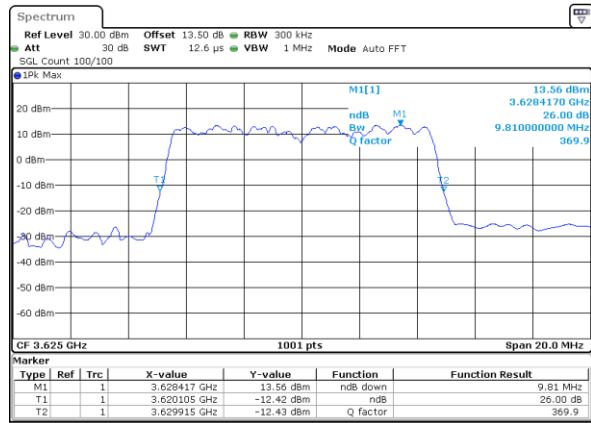
Date: 13.APR.2020 12:38:06

Middle Channel / 10MHz / QPSK



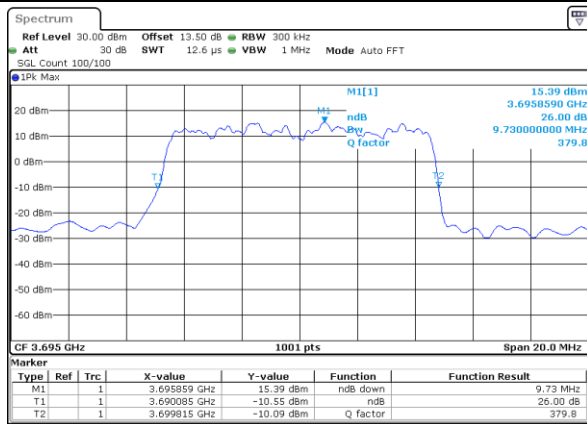
Date: 13.APR.2020 12:38:46

Middle Channel / 10MHz / 16QAM



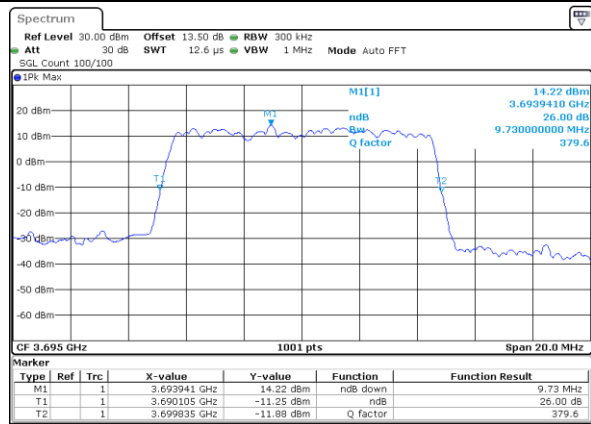
Date: 13.APR.2020 12:38:59

Highest Channel / 10MHz / QPSK



Date: 13.APR.2020 12:39:41

Highest Channel / 10MHz / 16QAM

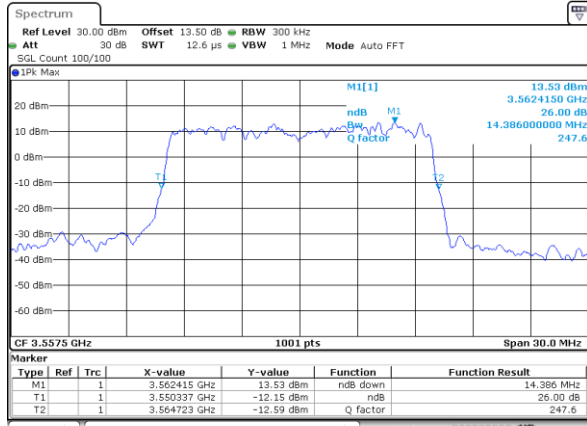


Date: 13.APR.2020 12:39:55

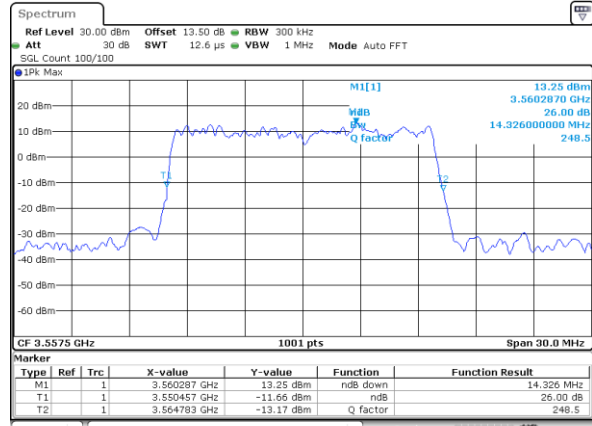


LTE Band 48

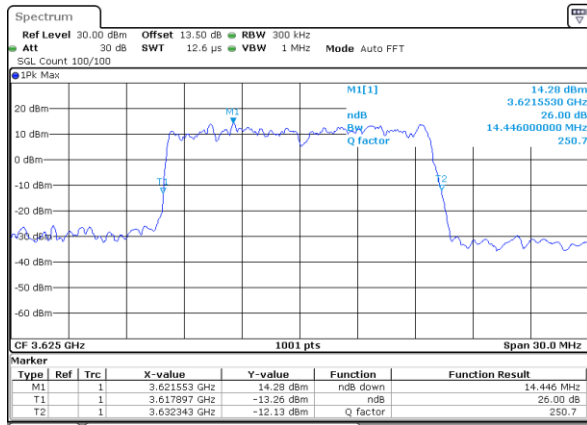
Lowest Channel / 15MHz / QPSK



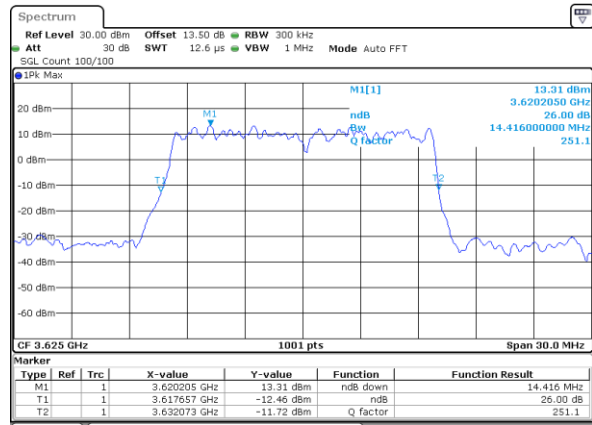
Lowest Channel / 15MHz / 16QAM



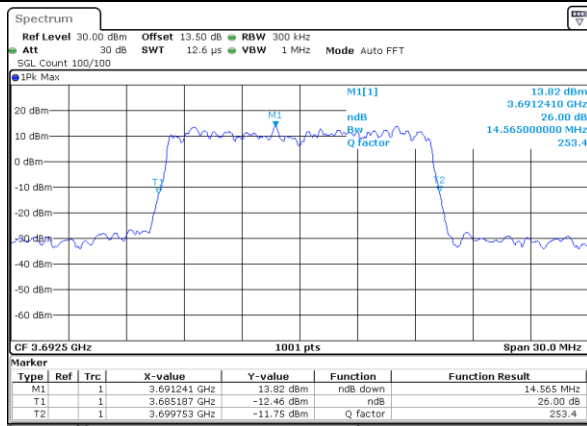
Middle Channel / 15MHz / QPSK



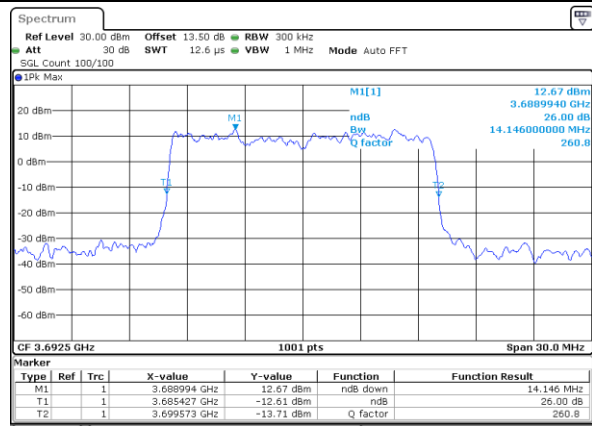
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



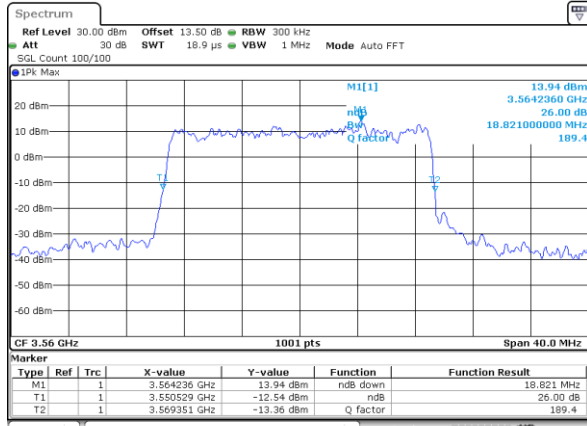
Highest Channel / 15MHz / 16QAM



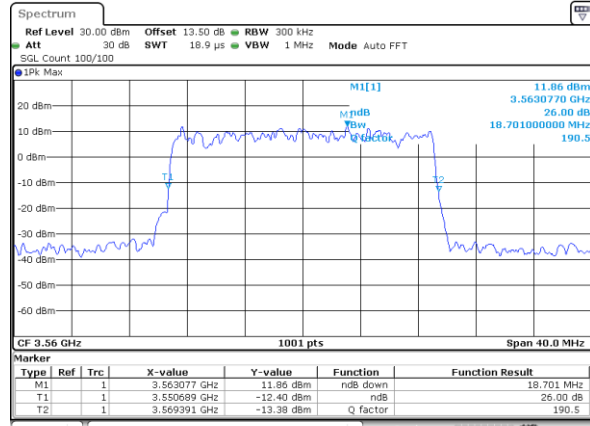


LTE Band 48

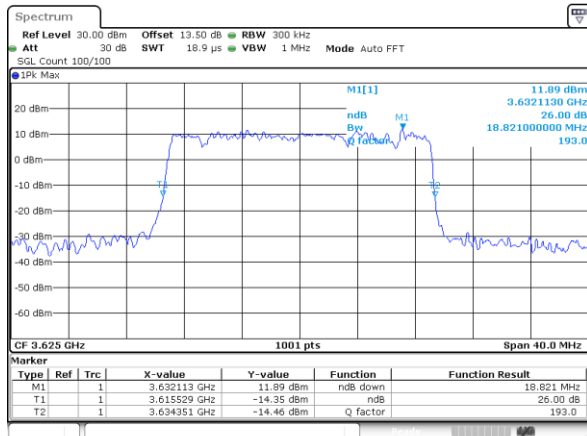
Lowest Channel / 20MHz / QPSK



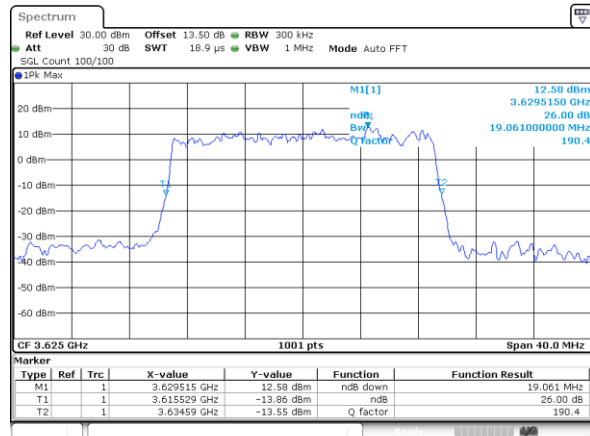
Lowest Channel / 20MHz / 16QAM



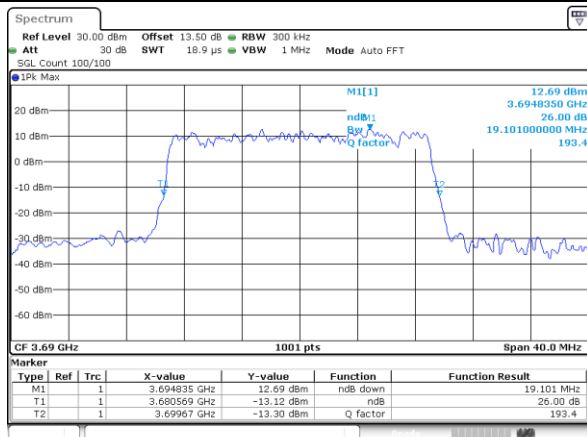
Middle Channel / 20MHz / QPSK



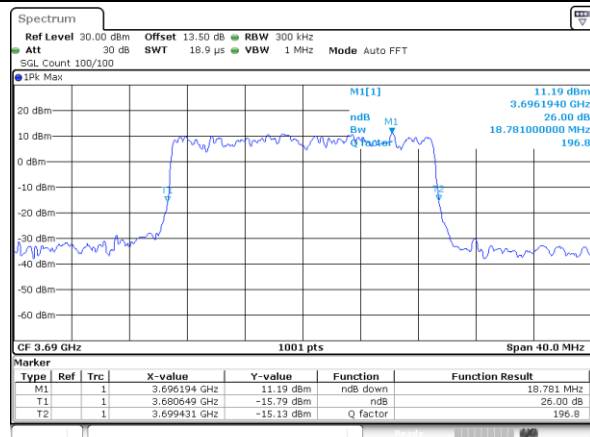
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



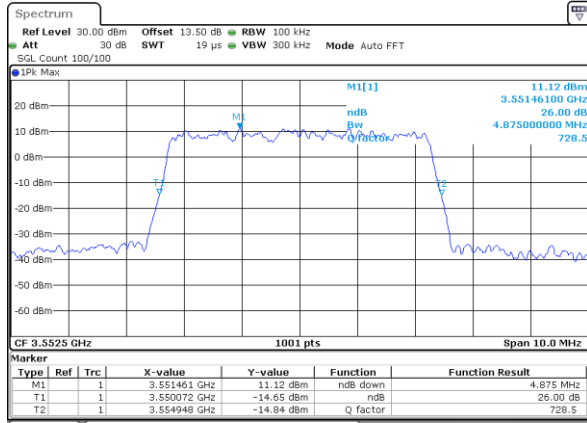
Highest Channel / 20MHz / 16QAM





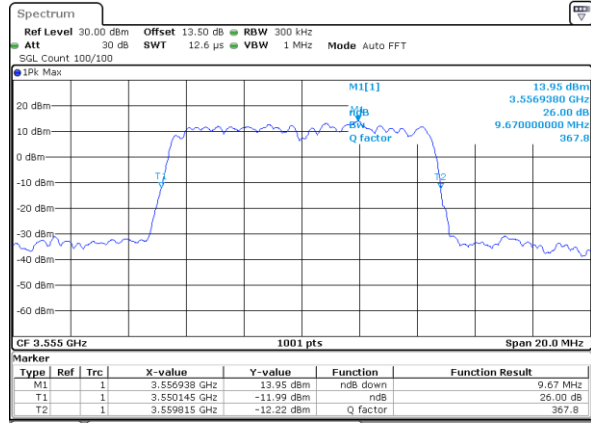
LTE Band 48

Lowest Channel / 5MHz / 64QAM



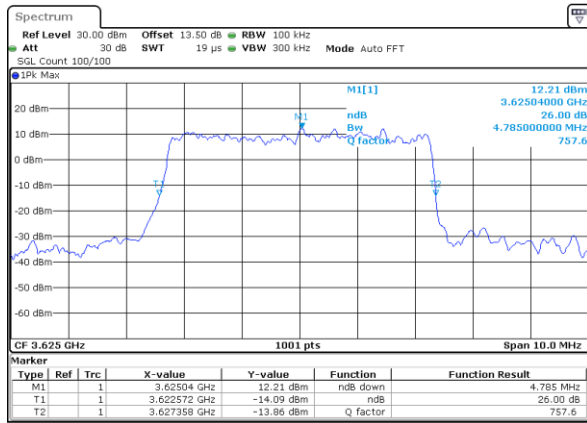
Date: 13.APR.2020 12:45:56

Lowest Channel / 10MHz / 64QAM



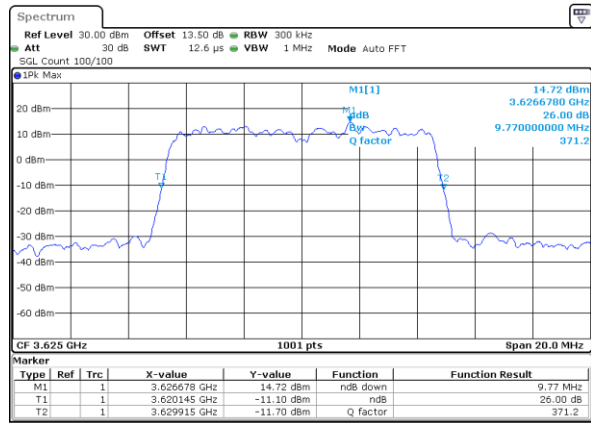
Date: 13.APR.2020 12:47:19

Middle Channel / 5MHz / 64QAM



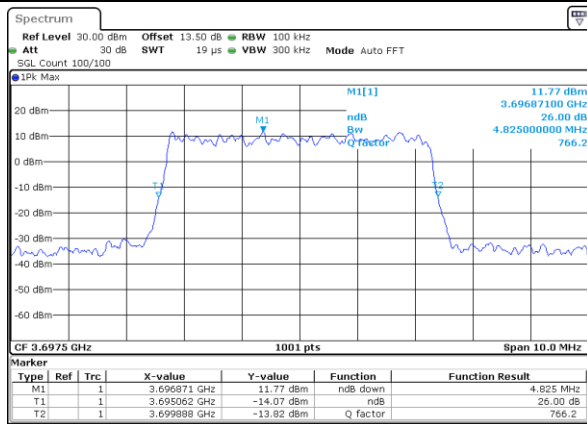
Date: 13.APR.2020 12:46:23

Middle Channel / 10MHz / 64QAM



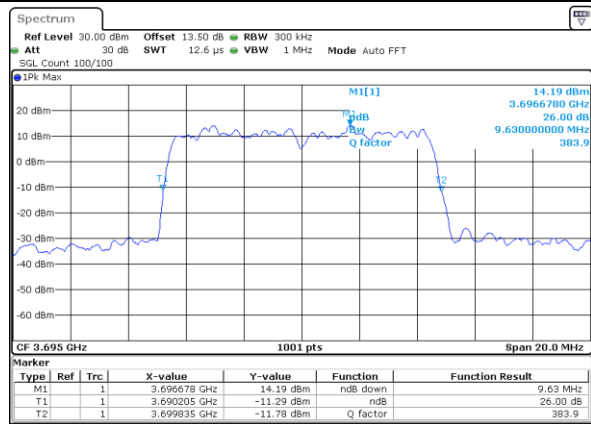
Date: 13.APR.2020 12:47:46

Highest Channel / 5MHz / 64QAM



Date: 13.APR.2020 12:46:50

Highest Channel / 10MHz / 64QAM

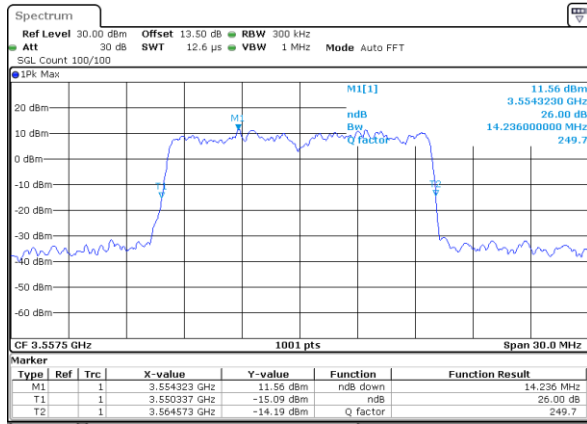


Date: 13.APR.2020 12:48:13



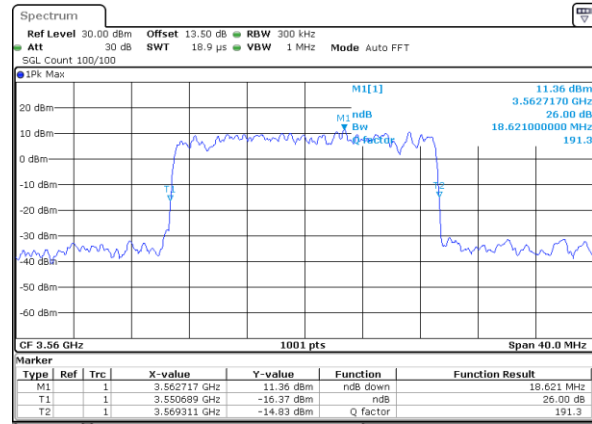
LTE Band 48

Lowest Channel / 15MHz / 64QAM



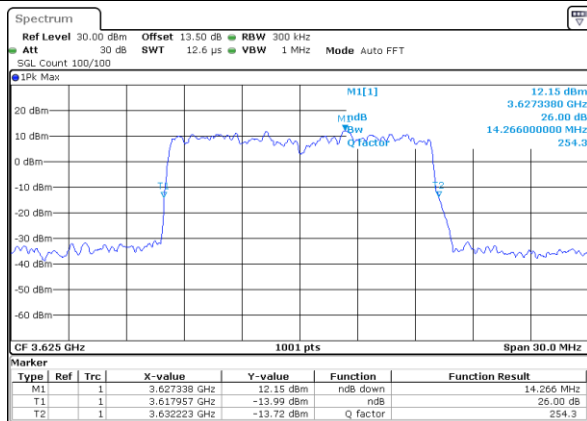
Date: 13.APR.2020 12:48:42

Lowest Channel / 20MHz / 64QAM



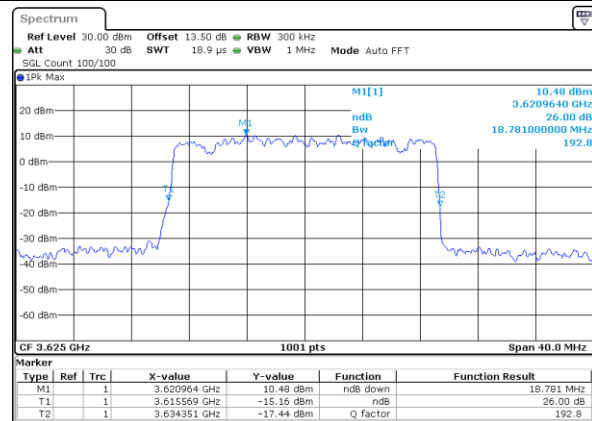
Date: 13.APR.2020 12:50:06

Middle Channel / 15MHz / 64QAM



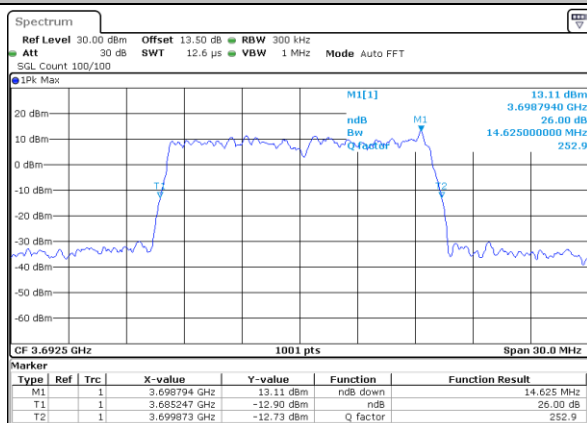
Date: 13.APR.2020 12:49:09

Middle Channel / 20MHz / 64QAM



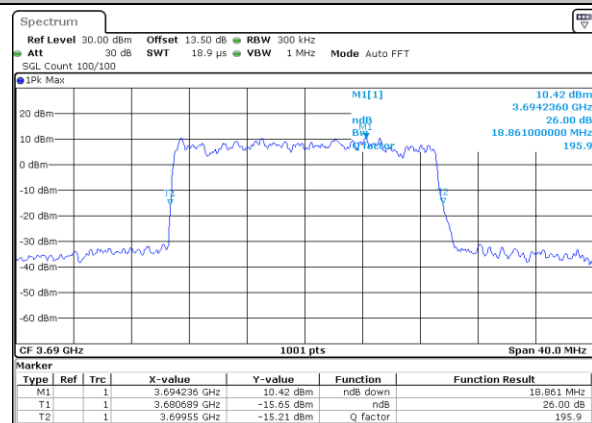
Date: 13.APR.2020 12:50:32

Highest Channel / 15MHz / 64QAM



Date: 13.APR.2020 12:49:36

Highest Channel / 20MHz / 64QAM

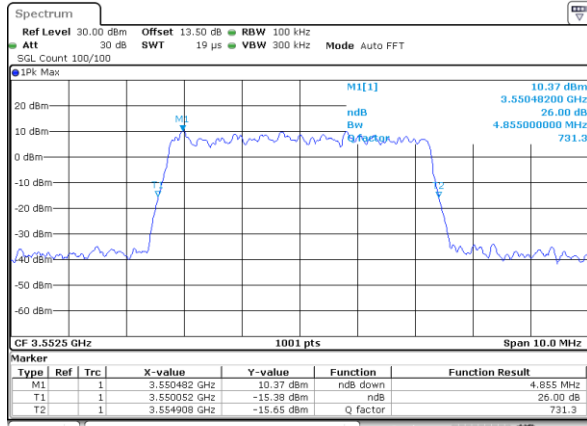


Date: 13.APR.2020 12:51:00



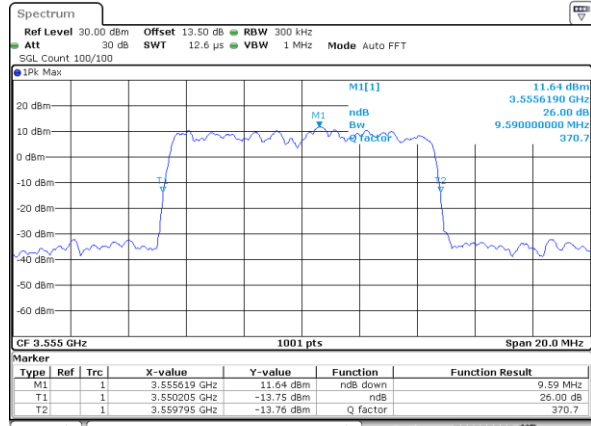
LTE Band 48

Lowest Channel / 5MHz / 256QAM



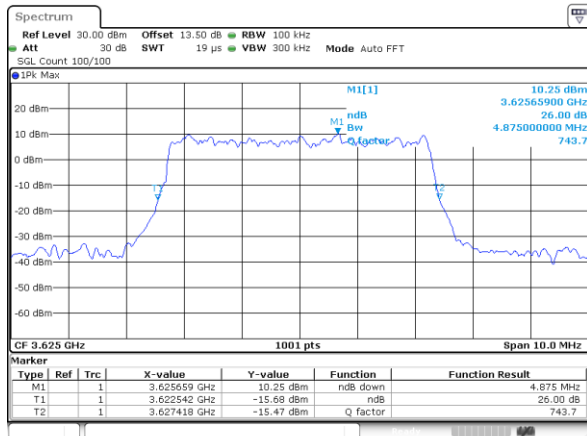
Date: 13.APR.2020 14:18:25

Lowest Channel / 10MHz / 256QAM



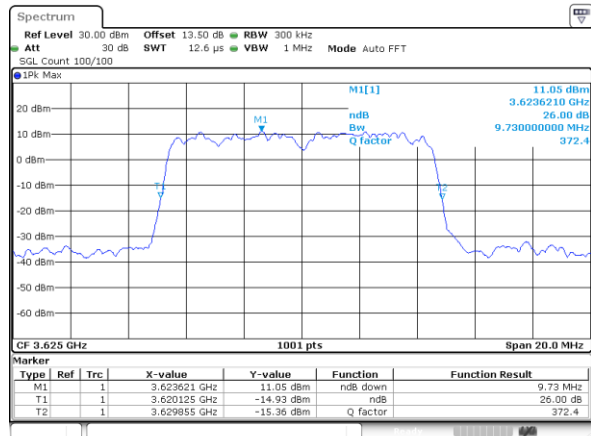
Date: 13.APR.2020 14:07:09

Middle Channel / 5MHz / 256QAM



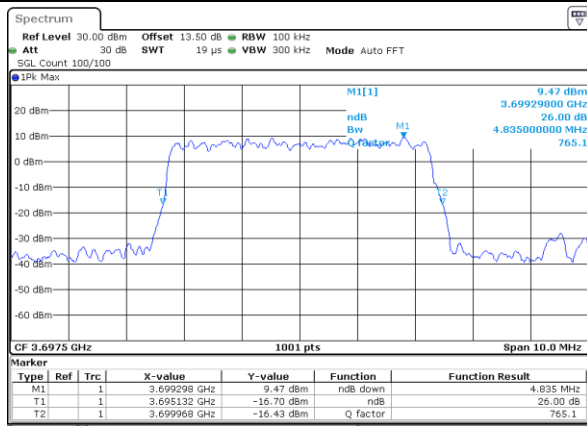
Date: 13.APR.2020 14:20:12

Middle Channel / 10MHz / 256QAM



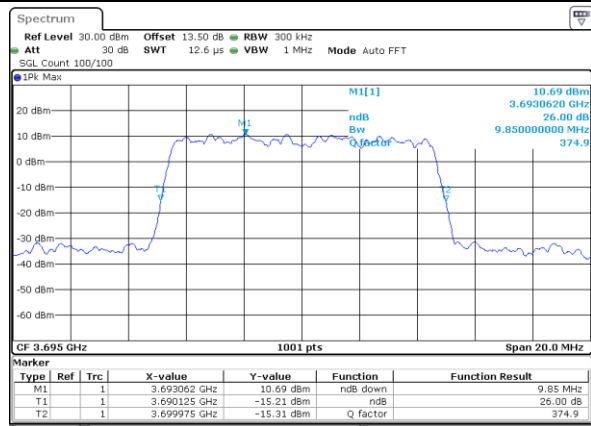
Date: 13.APR.2020 14:14:02

Highest Channel / 5MHz / 256QAM



Date: 13.APR.2020 14:22:12

Highest Channel / 10MHz / 256QAM

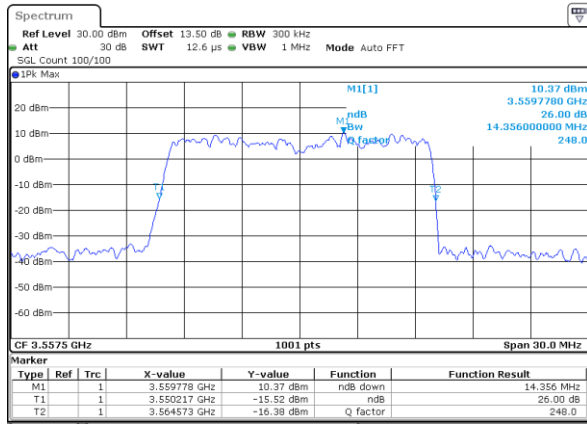


Date: 13.APR.2020 14:15:47



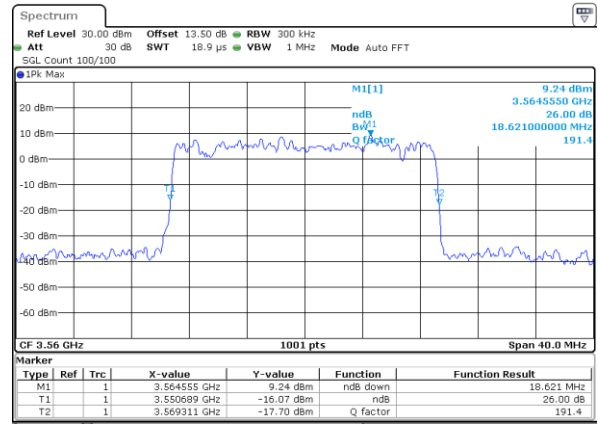
LTE Band 48

Lowest Channel / 15MHz / 256QAM



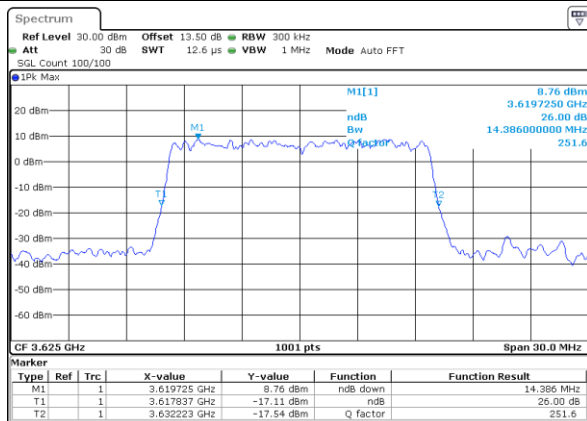
Date: 13.APR.2020 13:55:46

Lowest Channel / 20MHz / 256QAM



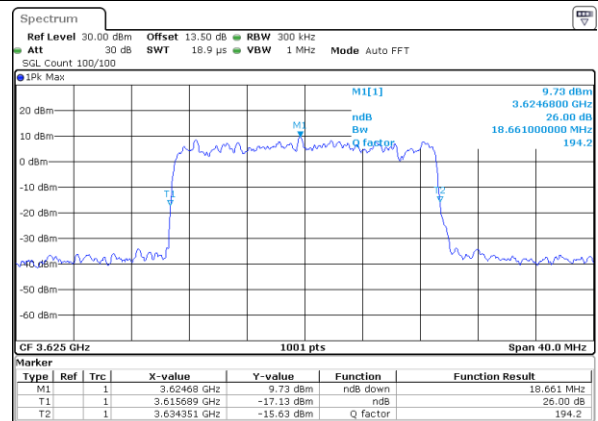
Date: 13.APR.2020 13:56:05

Middle Channel / 15MHz / 256QAM



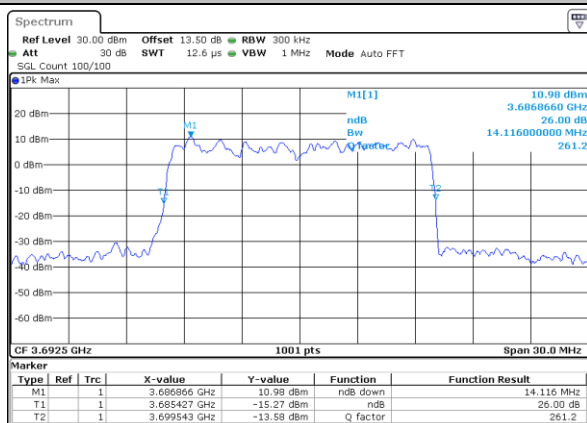
Date: 13.APR.2020 13:56:12

Middle Channel / 20MHz / 256QAM



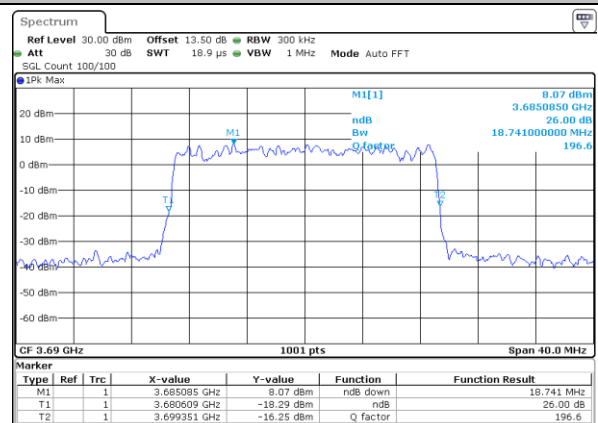
Date: 13.APR.2020 13:56:01

Highest Channel / 15MHz / 256QAM



Date: 13.APR.2020 13:59:45

Highest Channel / 20MHz / 256QAM



Date: 13.APR.2020 13:52:27

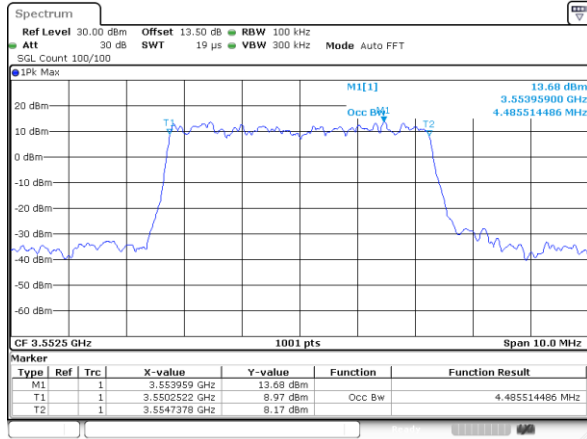
**Occupied Bandwidth**

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	-	-	-	-	4.49	4.48	9.03	9.05	13.40	13.49	17.98	17.90
Middle CH	-	-	-	-	4.51	4.50	9.05	9.01	13.52	13.46	17.82	17.82
Highest CH	-	-	-	-	4.48	4.48	9.03	9.07	13.46	13.43	17.94	17.86
Mode	LTE Band 48 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Lowest CH	-	-	-	-	4.55	4.47	8.99	8.99	13.40	13.40	17.78	17.94
Middle CH	-	-	-	-	4.48	4.47	9.01	8.97	13.43	13.43	17.98	17.86
Highest CH	-	-	-	-	4.49	4.48	9.03	8.97	13.55	13.43	17.90	17.86

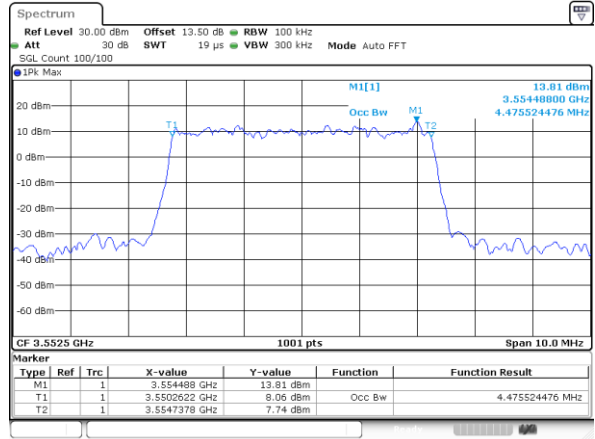


LTE Band 48

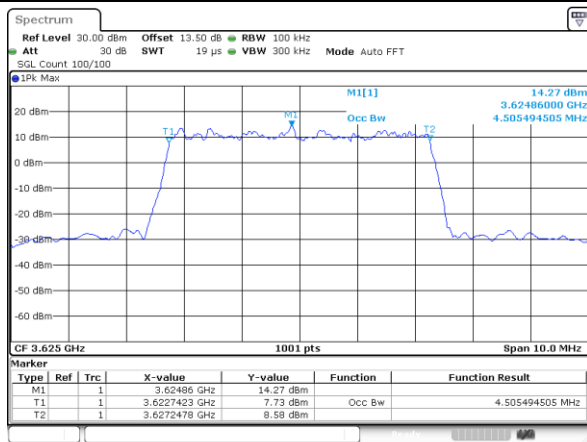
Lowest Channel / 5MHz / QPSK



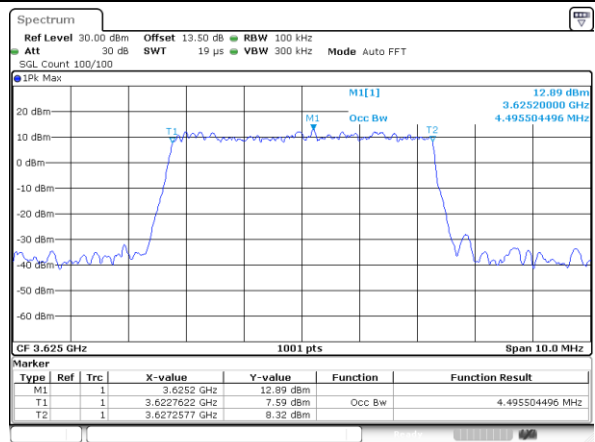
Lowest Channel / 5MHz / 16QAM



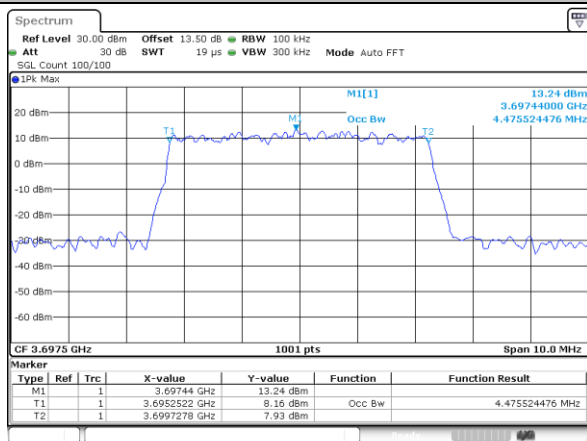
Middle Channel / 5MHz / QPSK



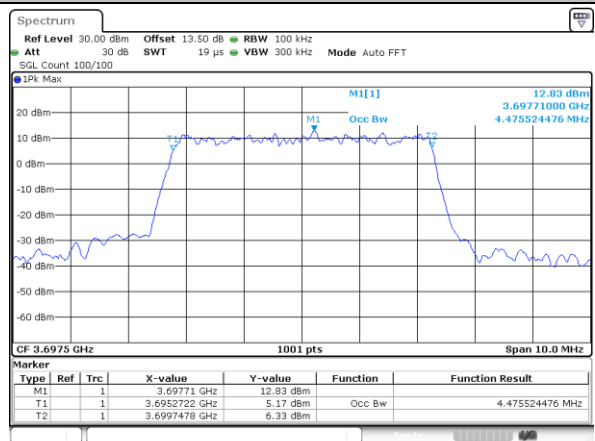
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



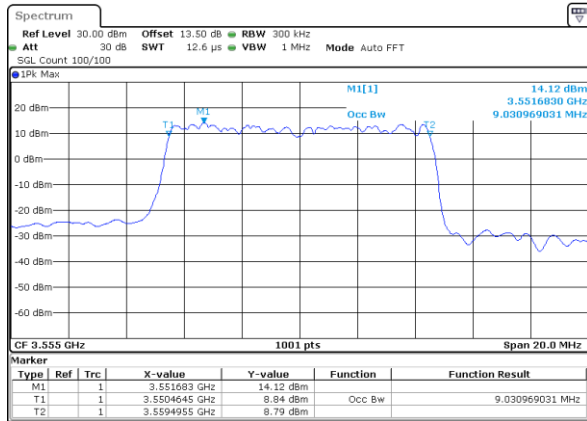
Highest Channel / 5MHz / 16QAM



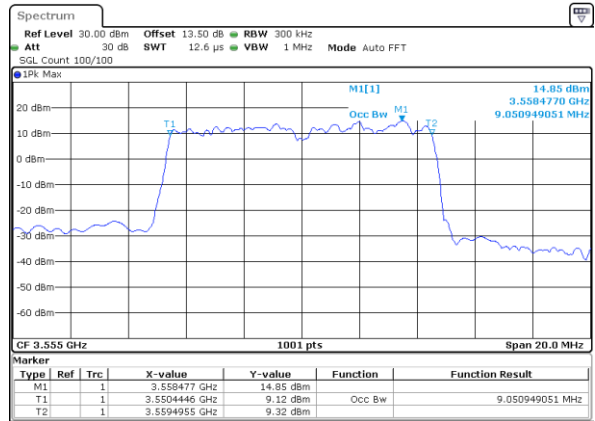


LTE Band 48

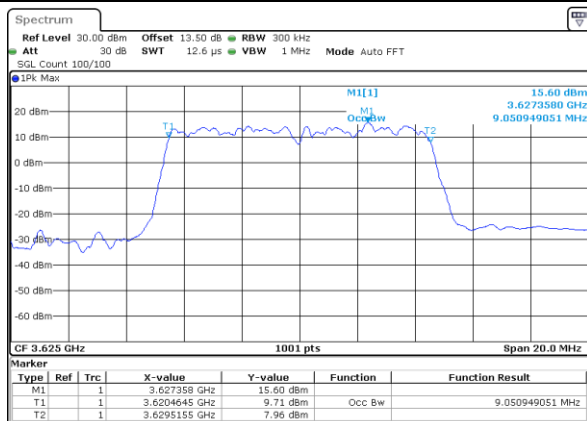
Lowest Channel / 10MHz / QPSK



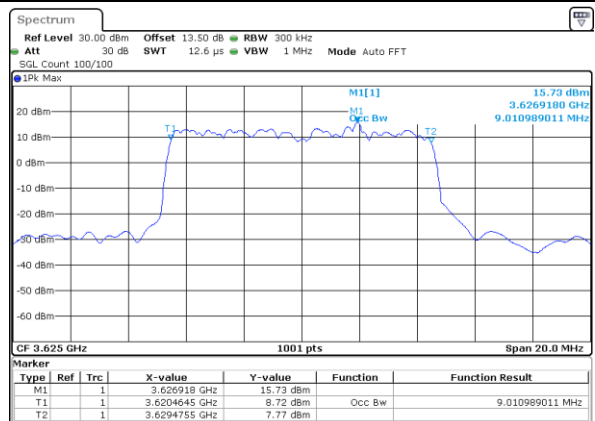
Lowest Channel / 10MHz / 16QAM



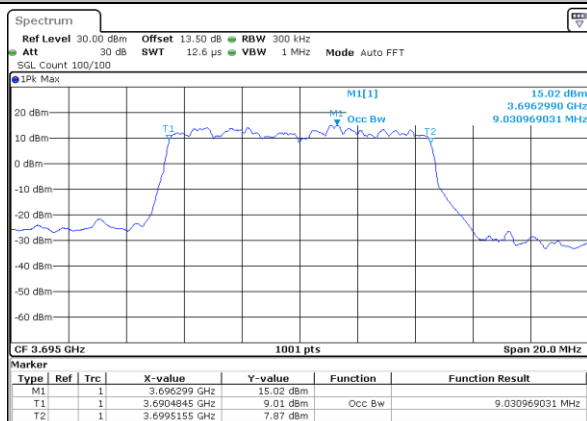
Middle Channel / 10MHz / QPSK



Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



Highest Channel / 10MHz / 16QAM

