

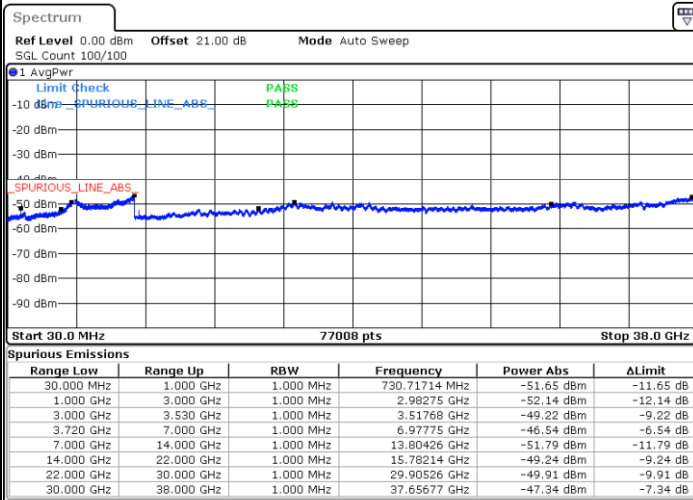


LTE Band 48C / 20MHz+10MHz

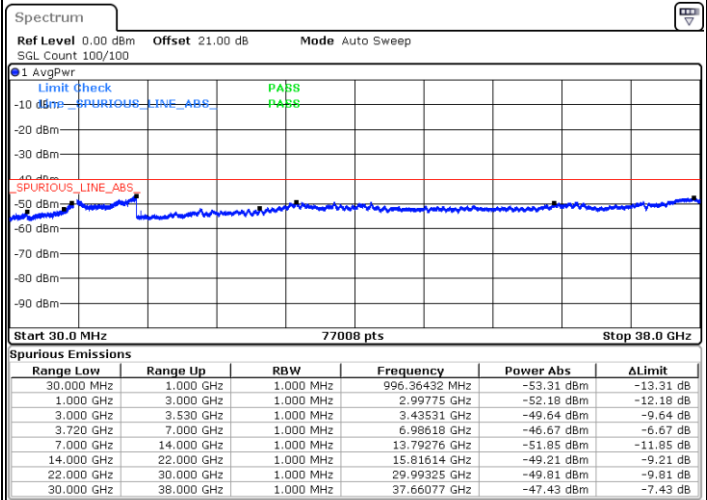
64QAM

Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB99 and 1RB0



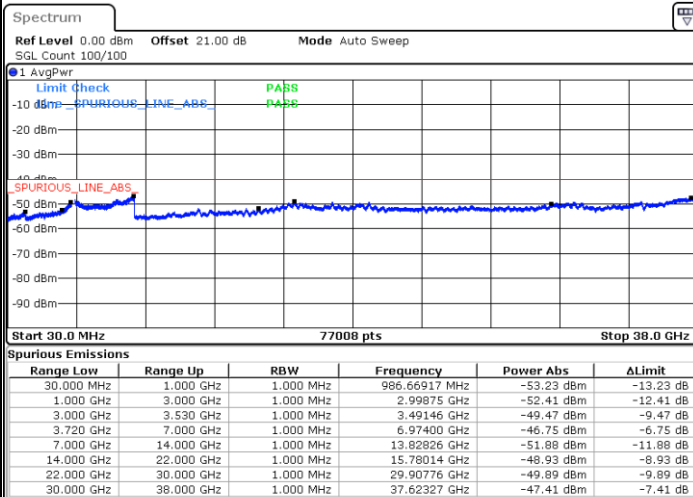
Date: 5 AUG 2020 15:33:40



Date: 5 AUG 2020 15:40:10

Middle Channel / FullIRB

N/A



Date: 5 AUG 2020 15:32:22

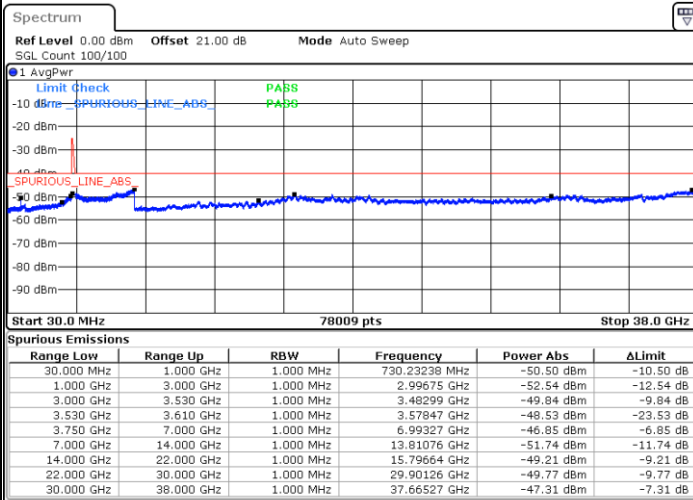


LTE Band 48C / 20MHz+10MHz

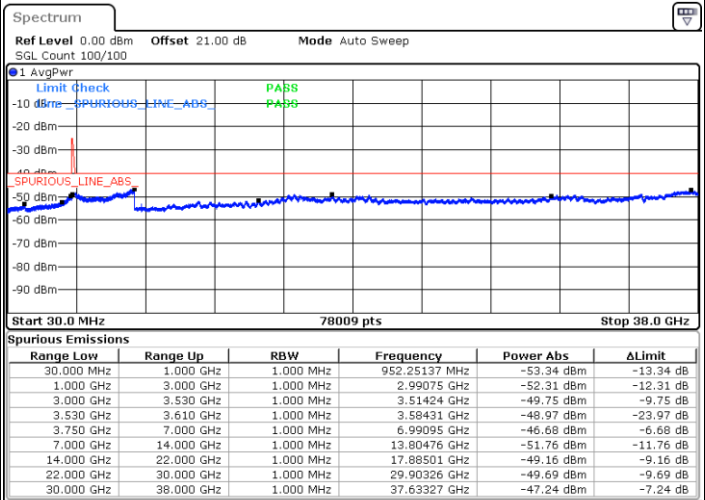
64QAM

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB99 and 1RB0



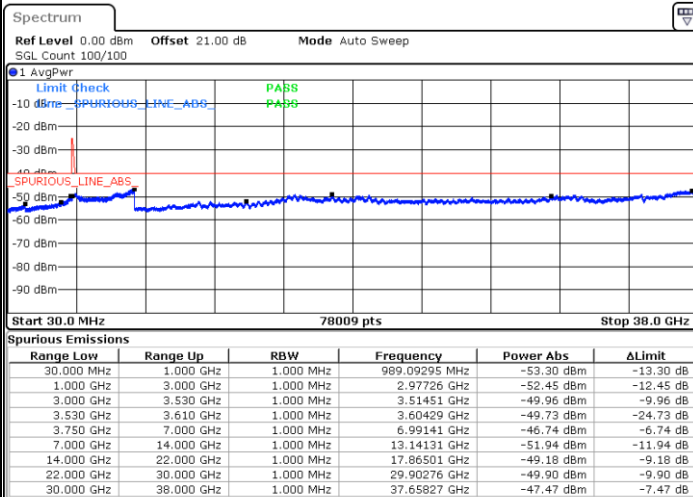
Date: 5.AUG.2020 16:05:16



Date: 5.AUG.2020 16:03:58

Highest Channel / FullIRB

N/A



Date: 5.AUG.2020 16:11:48

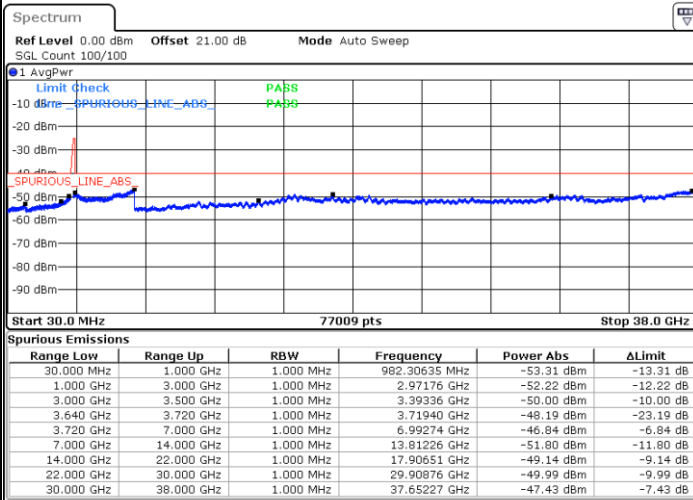


LTE Band 48C / 20MHz+15MHz

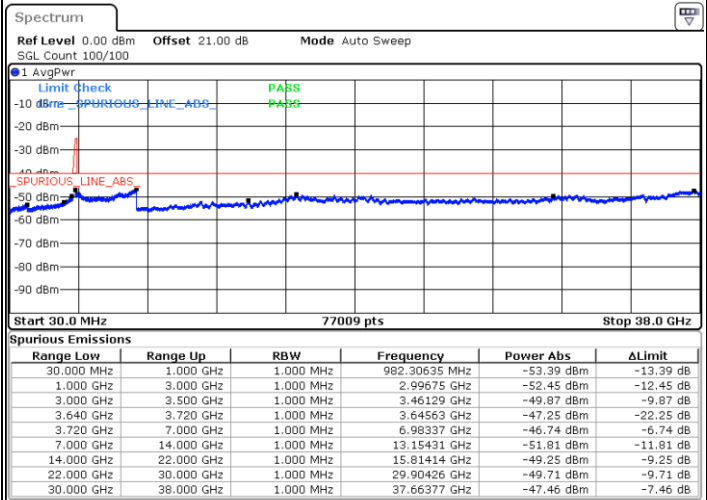
64QAM

Lowest Channel / 1RB0 and 1RB74

Lowest Channel / 1RB99 and 1RB0



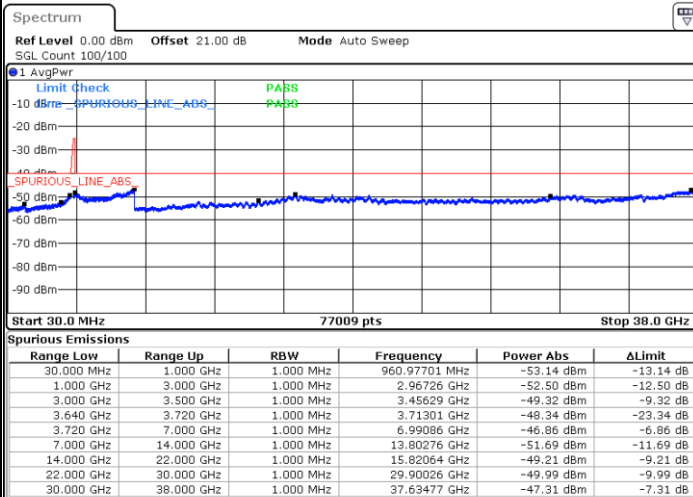
Date: 4 AUG 2020 19:32:51



Date: 4 AUG 2020 19:26:16

Lowest Channel / FullIRB

N/A



Date: 4 AUG 2020 19:34:11

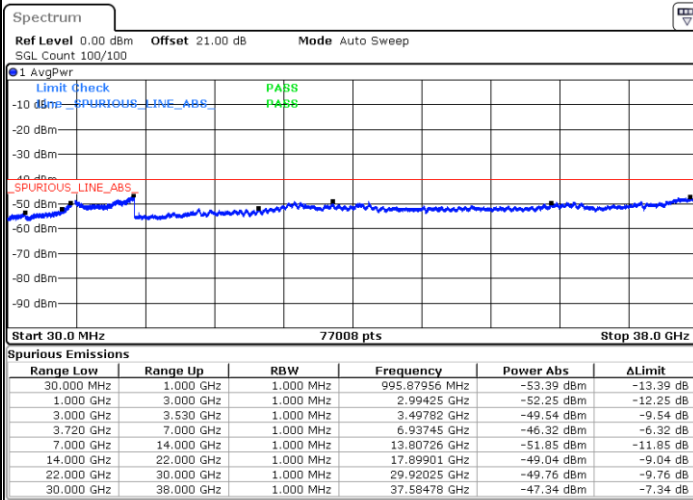


LTE Band 48C / 20MHz+15MHz

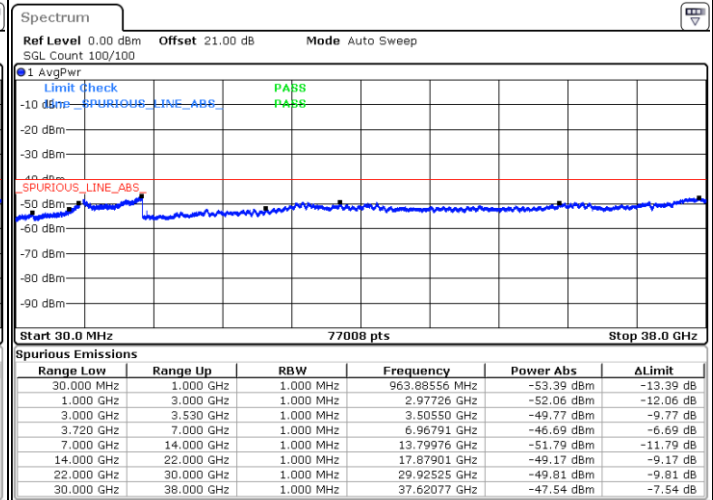
64QAM

Middle Channel / 1RB0 and 1RB74

Middle Channel / 1RB99 and 1RB0



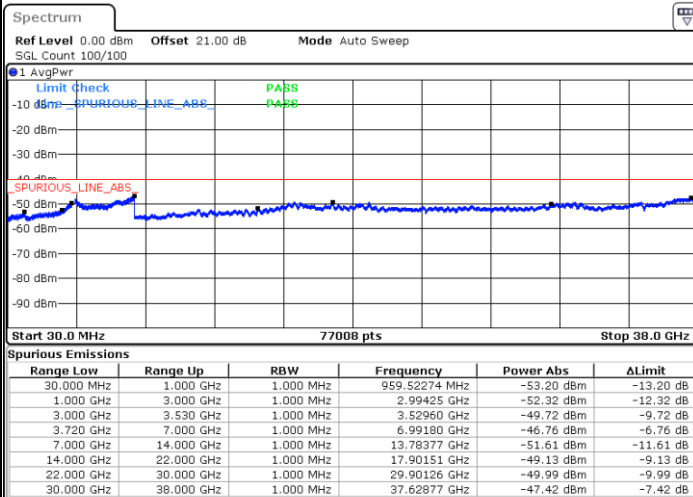
Date: 4 AUG 2020 20:06:41



Date: 4 AUG 2020 20:13:15

Middle Channel / FullIRB

N/A



Date: 4 AUG 2020 20:05:22

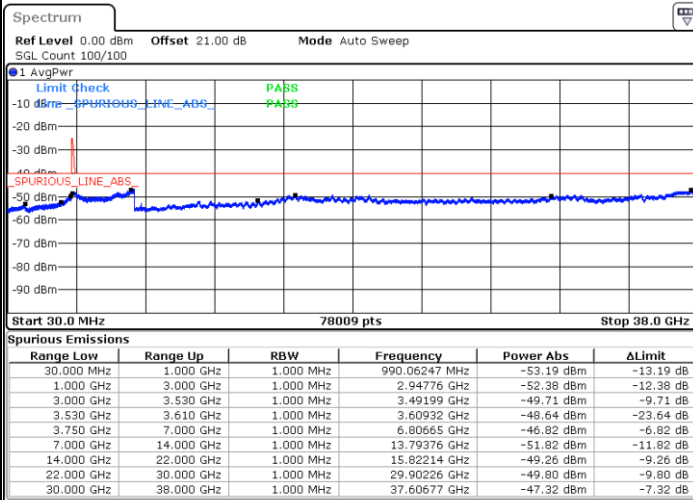


LTE Band 48C / 20MHz+15MHz

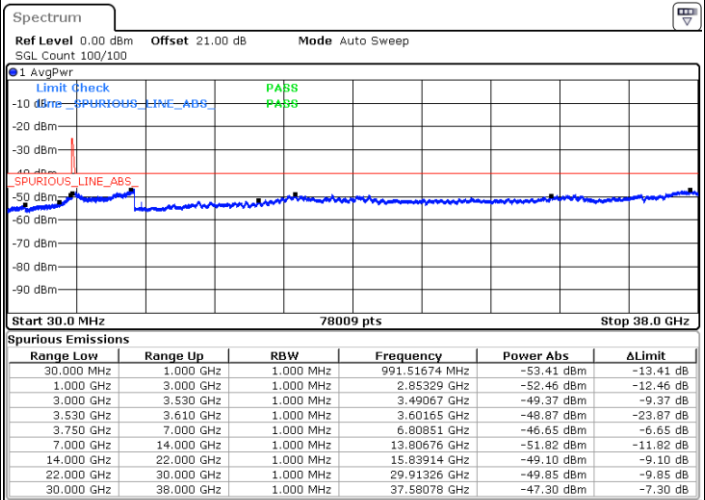
64QAM

Highest Channel / 1RB0 and 1RB74

Highest Channel / 1RB99 and 1RB0



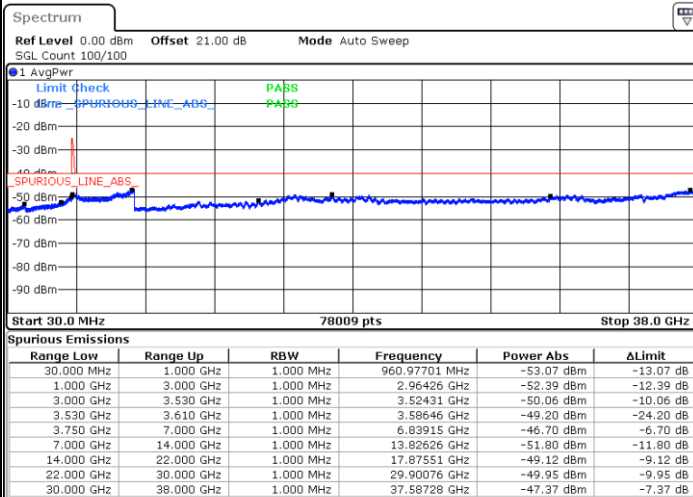
Date: 4 AUG 2020 20:41:11



Date: 4 AUG 2020 20:39:53

Highest Channel / FullIRB

N/A



Date: 4 AUG 2020 20:47:48

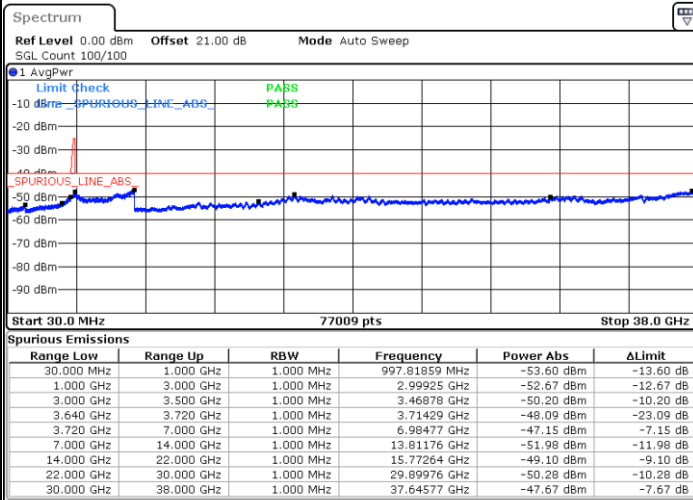


LTE Band 48C / 20MHz+20MHz

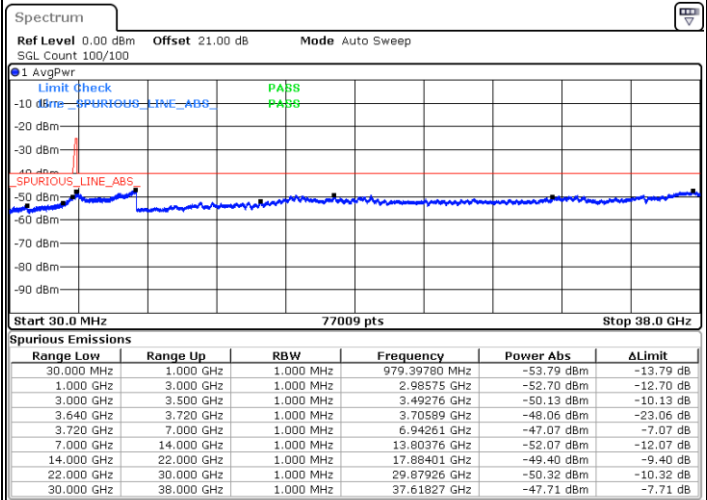
64QAM

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB99 and 1RB0



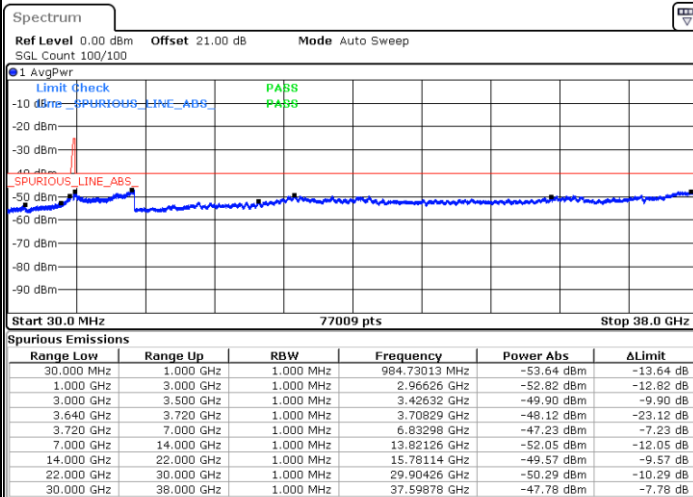
Date: 31.JUL.2020 10:35:14



Date: 31.JUL.2020 10:28:42

Lowest Channel / FullIRB

N/A



Date: 31.JUL.2020 10:36:33

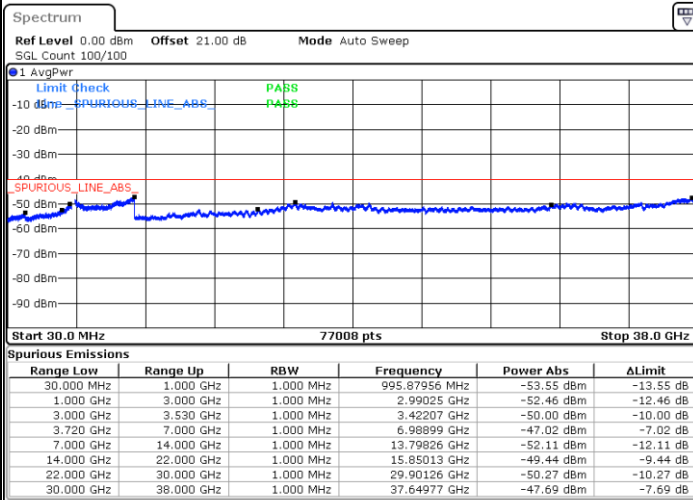


LTE Band 48C / 20MHz+20MHz

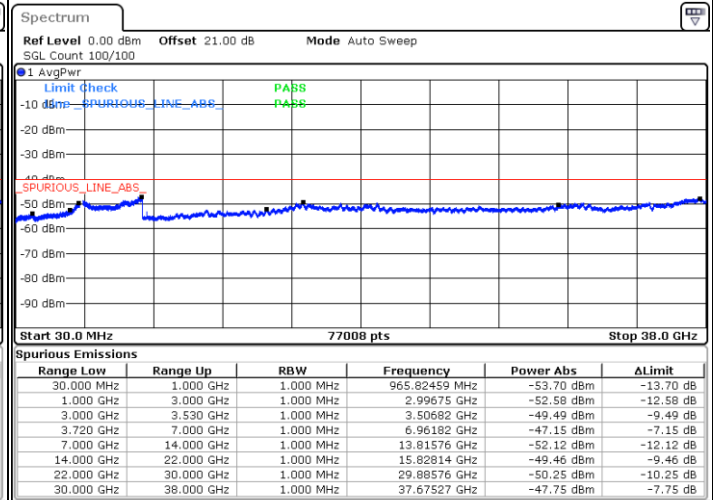
64QAM

MiddleChannel / 1RB0 and 1RB99

Middle Channel / 1RB99 and 1RB0



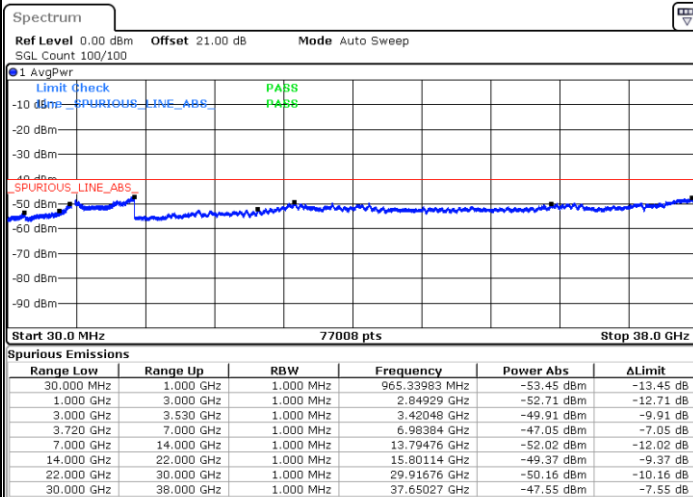
Date: 31.JUL.2020 11:08:00



Date: 31.JUL.2020 11:12:30

Middle Channel / FullIRB

N/A



Date: 31.JUL.2020 11:04:41

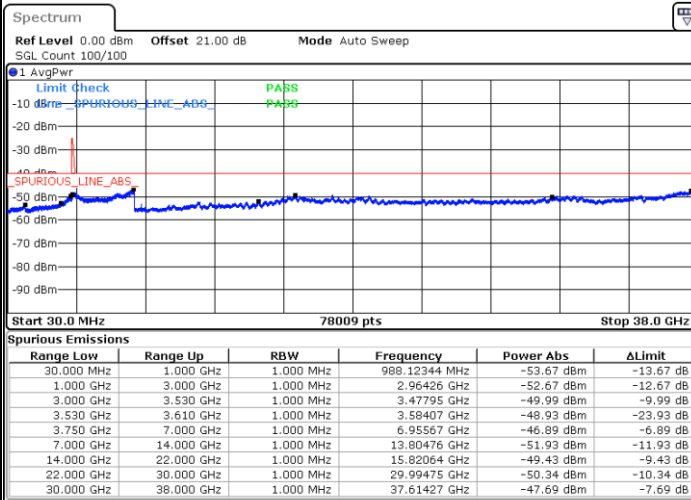


LTE Band 48C / 20MHz+20MHz

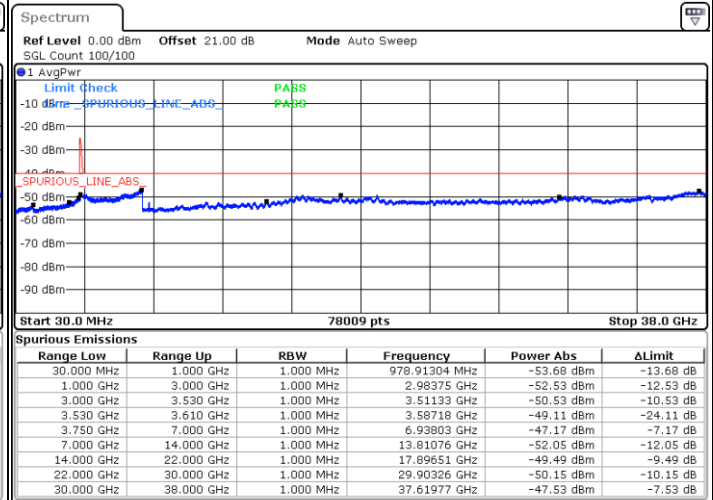
64QAM

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB99 and 1RB0



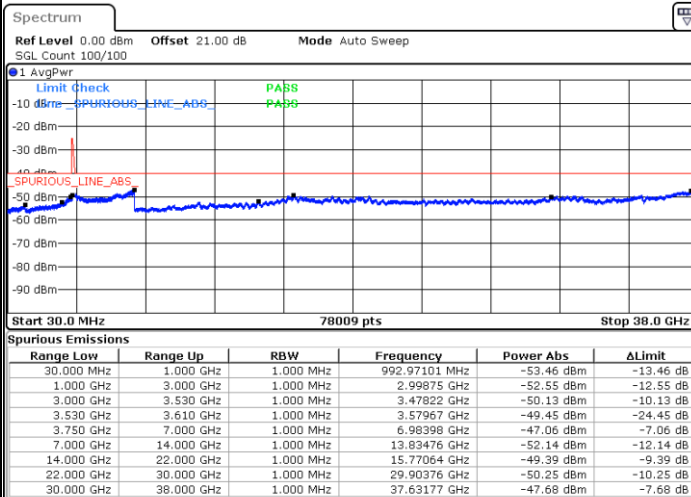
Date: 31.JUL.2020 11:45:32



Date: 31.JUL.2020 11:44:14

Highest Channel / FullIRB

N/A



Date: 31.JUL.2020 11:52:05

LTE Band 48

<SISO Mode for Sample 2>

<Ant. 0>

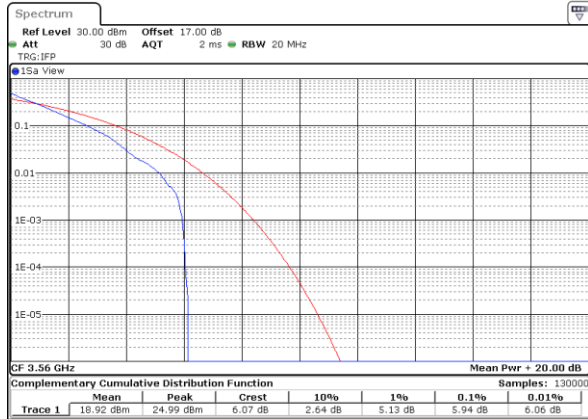
Peak-to-Average Ratio

Mode	LTE Band 48 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	5.94	5.36	6.75	6.14	PASS
Middle CH	5.77	5.13	6.17	5.86	
Highest CH	5.59	5.25	6.17	5.86	
Mode	LTE Band 48 / 20MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	6.17	6.20	-	-	PASS
Middle CH	6.43	5.94	-	-	
Highest CH	5.71	5.97	-	-	



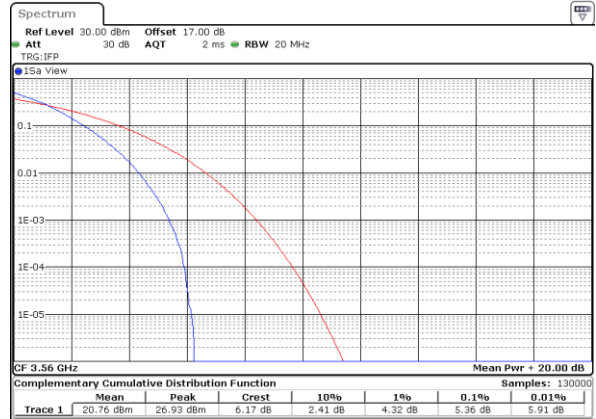
LTE Band 48 / 20MHz / QPSK

Lowest Channel / 1RB



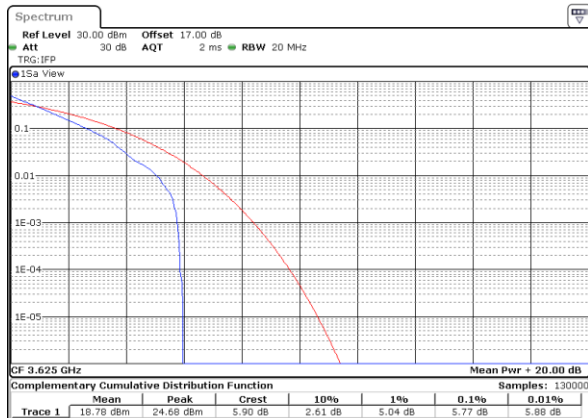
Date: 4 AUG 2020 14:04:55

Lowest Channel / Full RB



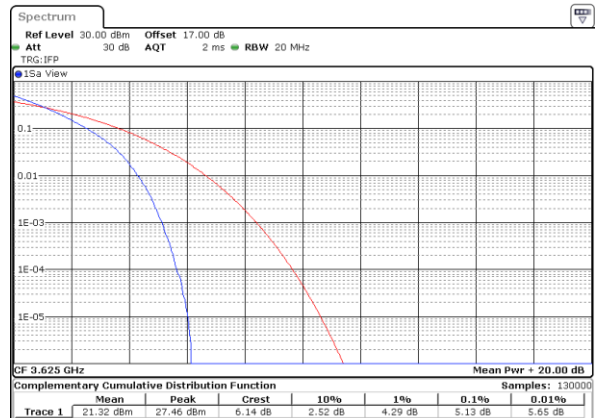
Date: 4 AUG 2020 14:05:14

Middle Channel / 1RB



Date: 4 AUG 2020 14:05:32

Middle Channel / Full RB



Date: 4 AUG 2020 14:05:50

Highest Channel / 1RB



Date: 4 AUG 2020 14:06:10

Highest Channel / Full RB

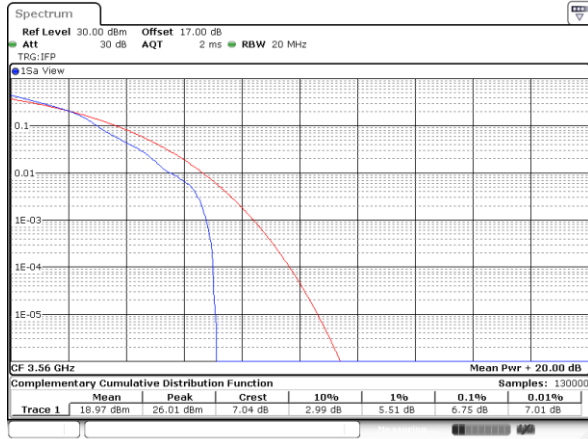


Date: 4 AUG 2020 14:06:35

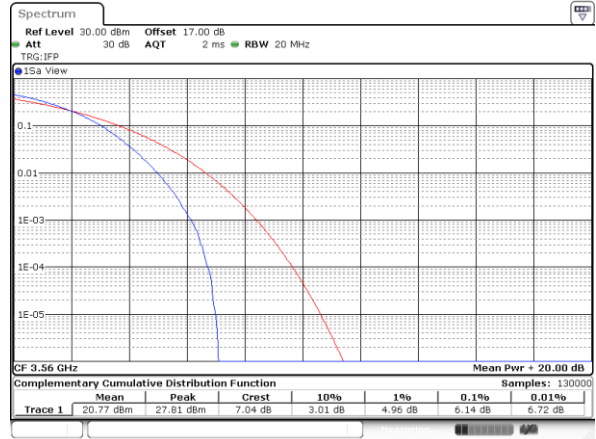


LTE Band 48 / 20MHz / 16QAM

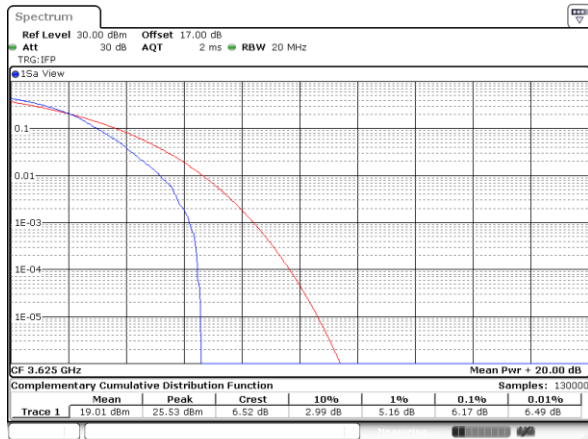
Lowest Channel / 1RB



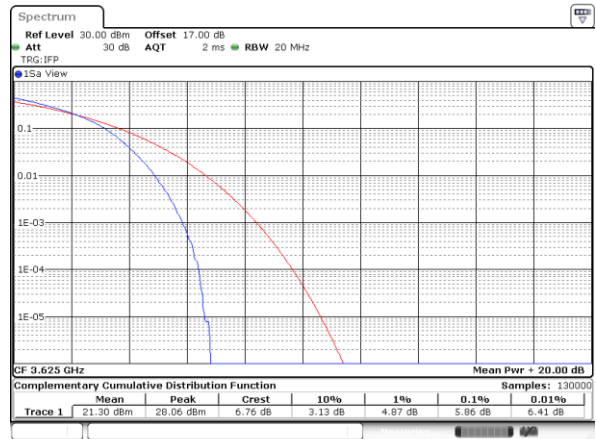
Lowest Channel / Full RB



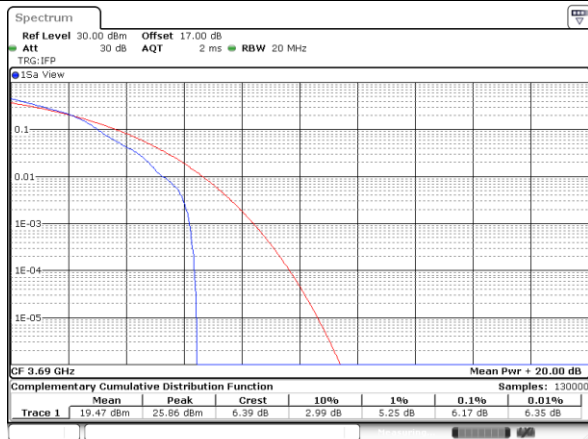
Middle Channel / 1RB



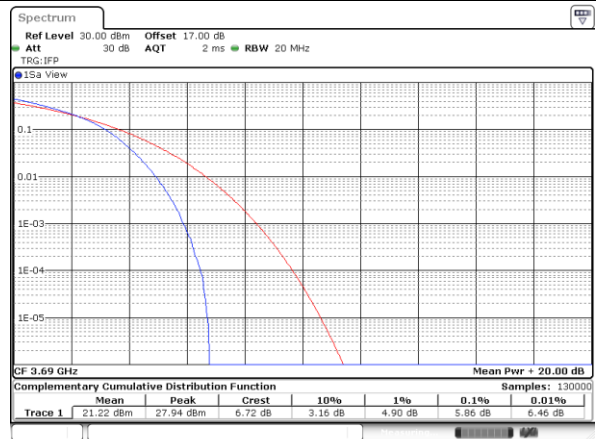
Middle Channel / Full RB



Highest Channel / 1RB



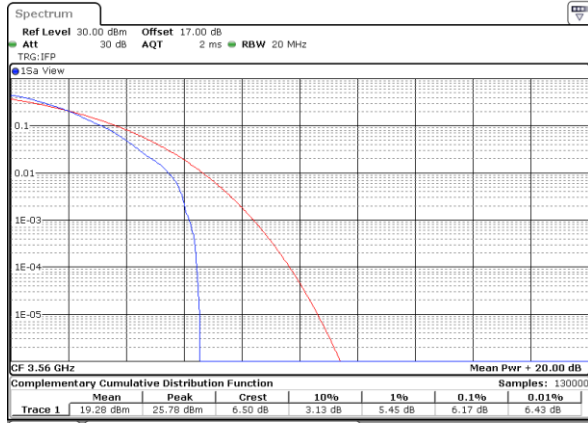
Highest Channel / Full RB





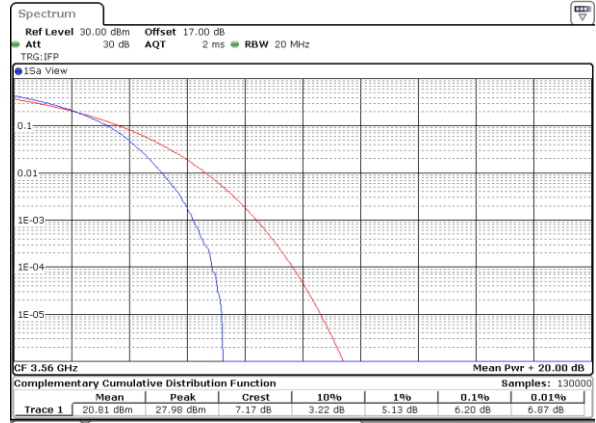
LTE Band 48 / 20MHz / 64QAM

Lowest Channel / 1RB



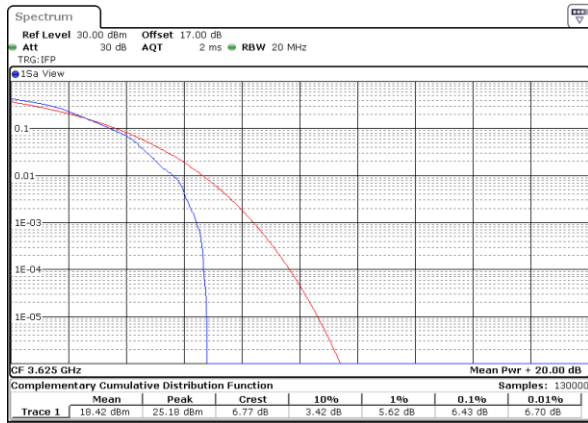
Date: 4 AUG 2020 14:00:17

Lowest Channel / Full RB



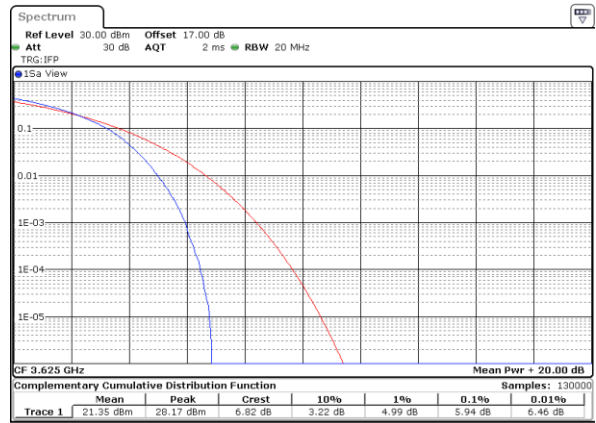
Date: 4 AUG 2020 14:00:38

Middle Channel / 1RB



Date: 4 AUG 2020 14:01:15

Middle Channel / Full RB



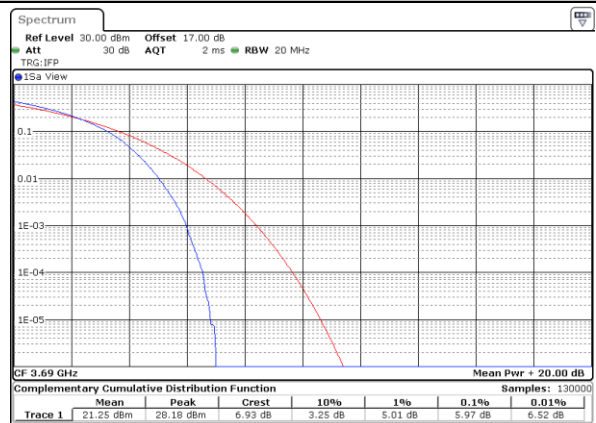
Date: 4 AUG 2020 14:01:38

Highest Channel / 1RB



Date: 4 AUG 2020 14:01:56

Highest Channel / Full RB



Date: 4 AUG 2020 14:02:19

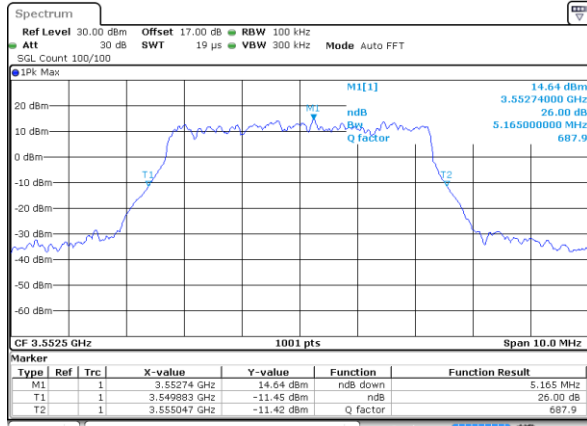
**26dB Bandwidth**

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	-	-	-	-	5.17	5.09	9.61	9.73	14.42	14.21	18.78	18.62
Middle CH	-	-	-	-	4.95	5.17	9.77	9.73	14.57	14.15	18.94	18.98
Highest CH	-	-	-	-	4.96	5.06	9.73	9.77	14.30	14.33	18.86	18.74
Mode	LTE Band 48 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-	-	-	-	5.23	-	9.75	-	14.33	-	18.66	-
Middle CH	-	-	-	-	4.96	-	9.59	-	14.54	-	18.70	-
Highest CH	-	-	-	-	5.01	-	9.71	-	14.27	-	18.62	-



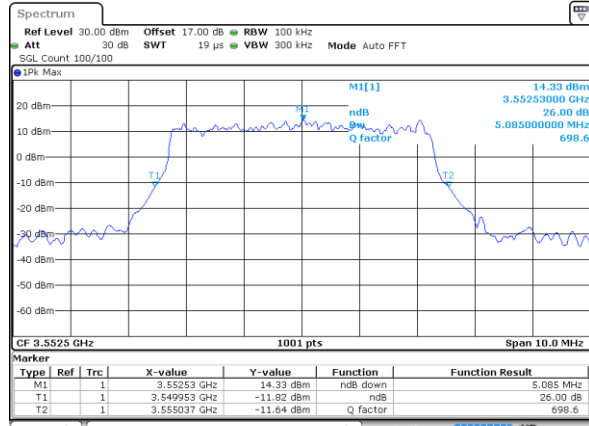
LTE Band 48

Lowest Channel / 5MHz / QPSK



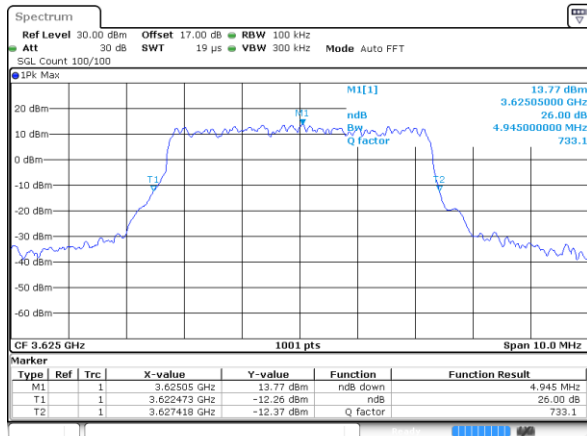
Date: 4 AUG 2020 13:44:45

Lowest Channel / 5MHz / 16QAM



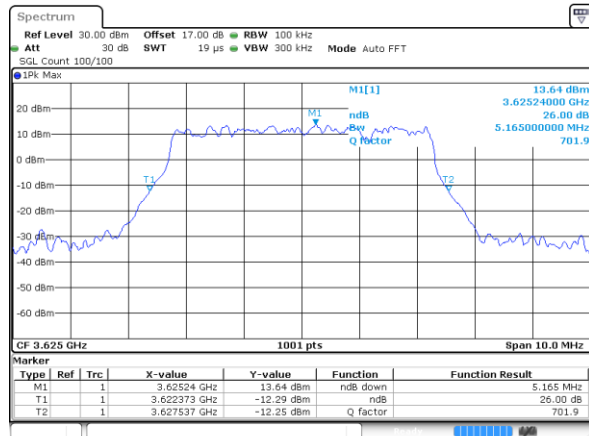
Date: 4 AUG 2020 13:44:57

Middle Channel / 5MHz / QPSK



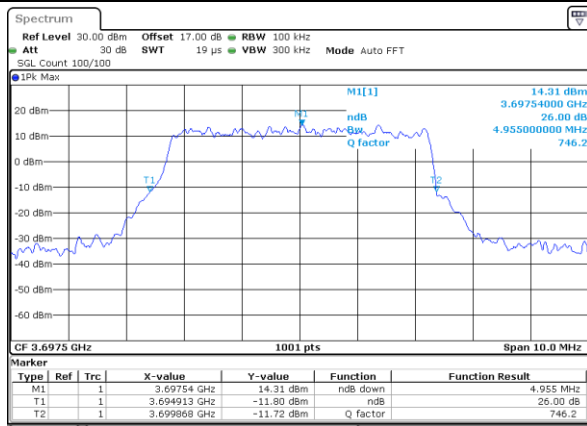
Date: 4 AUG 2020 13:45:32

Middle Channel / 5MHz / 16QAM



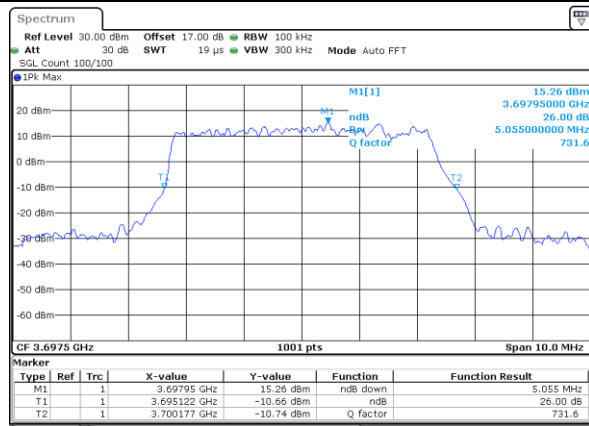
Date: 4 AUG 2020 13:45:44

Highest Channel / 5MHz / QPSK



Date: 4 AUG 2020 13:46:19

Highest Channel / 5MHz / 16QAM

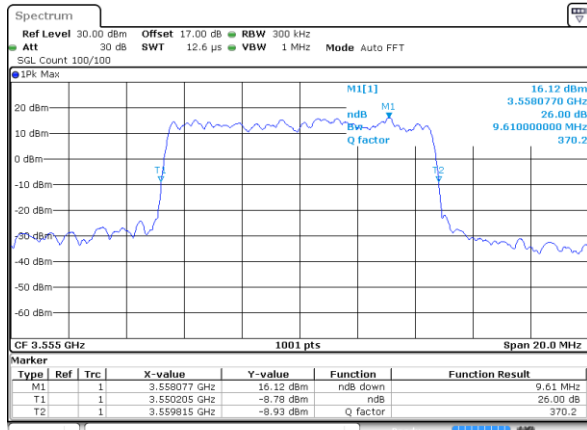


Date: 4 AUG 2020 13:46:31

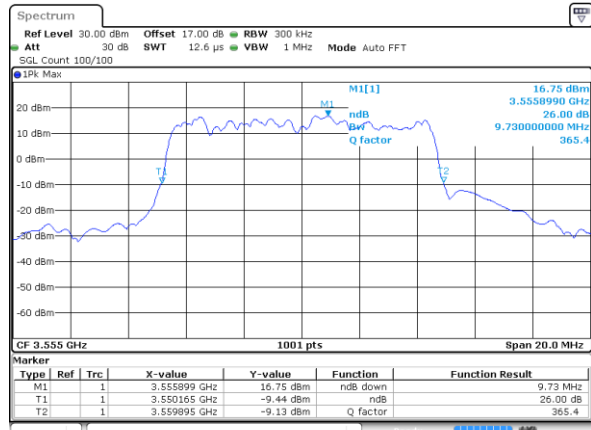


LTE Band 48

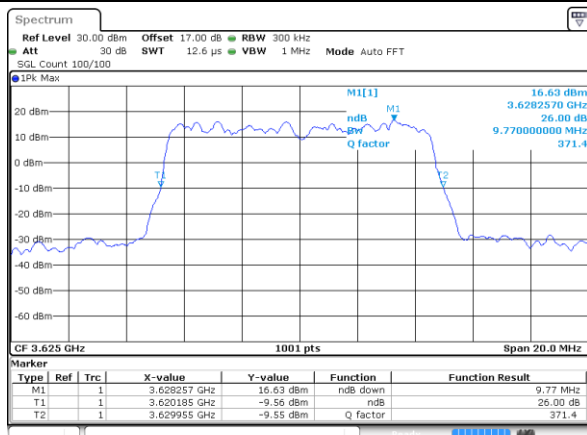
Lowest Channel / 10MHz / QPSK



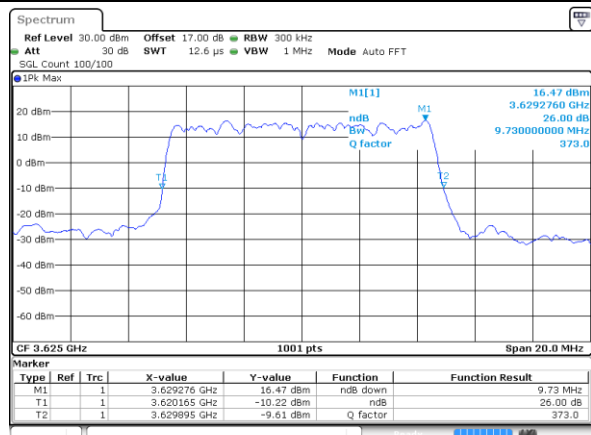
Lowest Channel / 10MHz / 16QAM



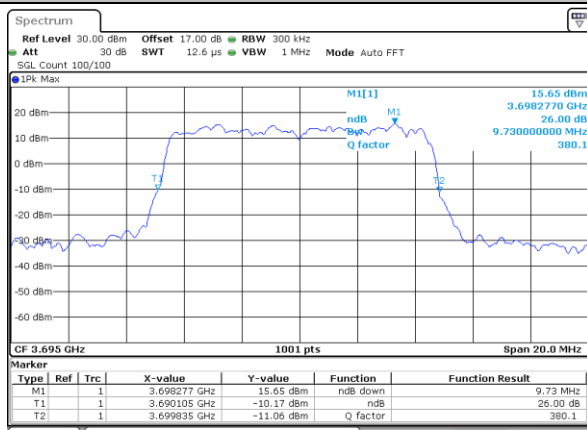
Middle Channel / 10MHz / QPSK



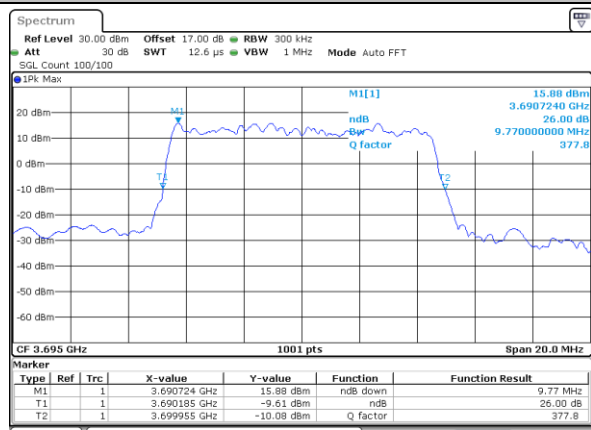
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



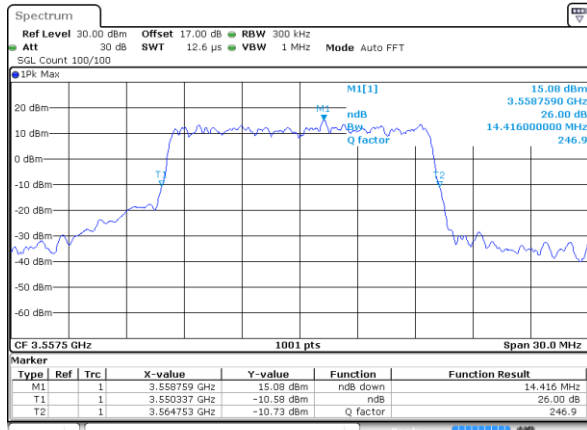
Highest Channel / 10MHz / 16QAM





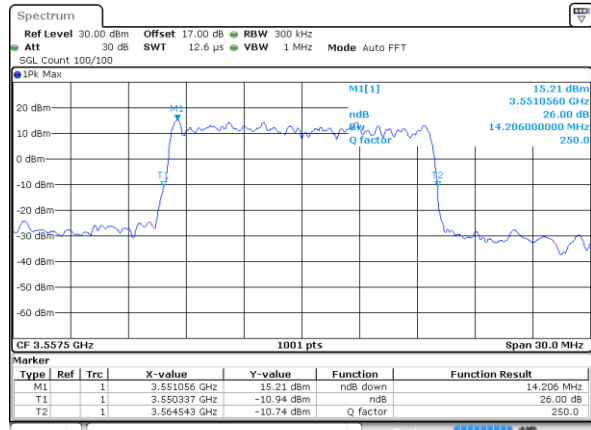
LTE Band 48

Lowest Channel / 15MHz / QPSK



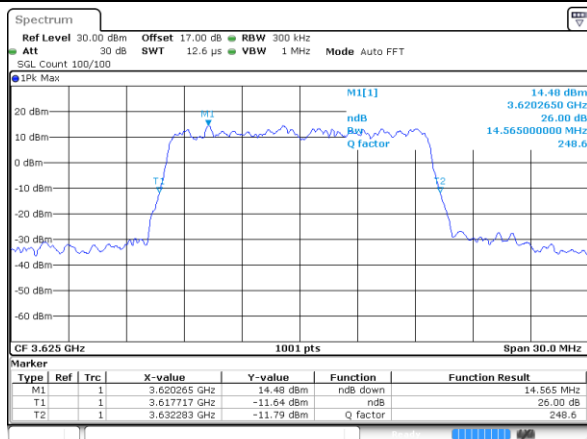
Date: 4 AUG 2020 13:49:33

Lowest Channel / 15MHz / 16QAM



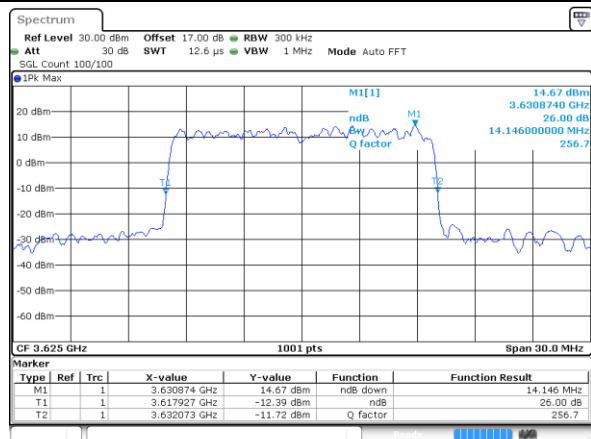
Date: 4 AUG 2020 13:49:45

Middle Channel / 15MHz / QPSK



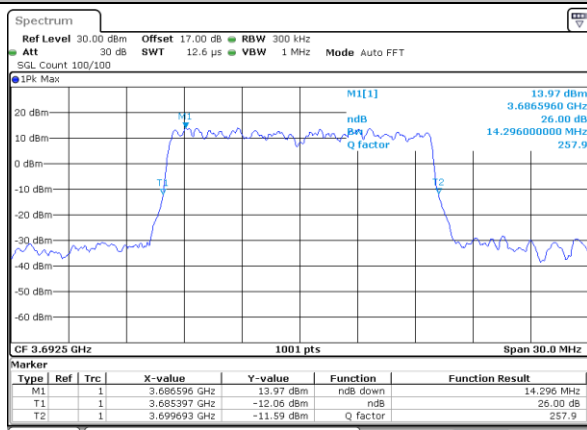
Date: 4 AUG 2020 13:50:20

Middle Channel / 15MHz / 16QAM



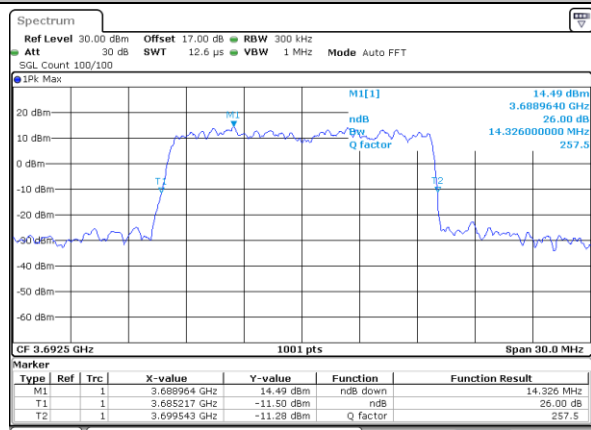
Date: 4 AUG 2020 13:50:32

Highest Channel / 15MHz / QPSK



Date: 4 AUG 2020 13:51:08

Highest Channel / 15MHz / 16QAM

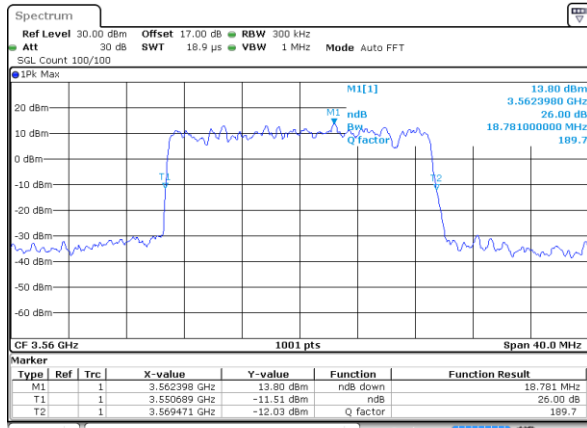


Date: 4 AUG 2020 13:51:20



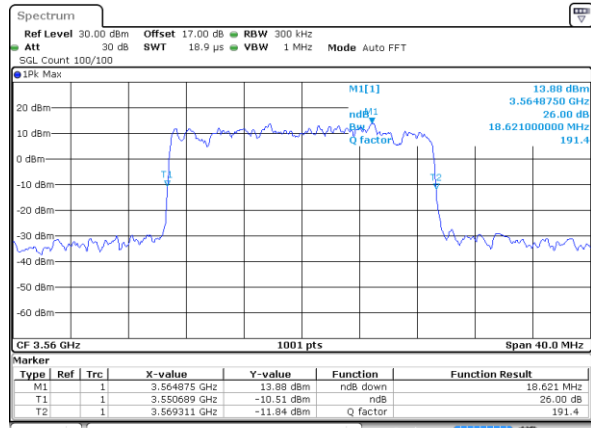
LTE Band 48

Lowest Channel / 20MHz / QPSK



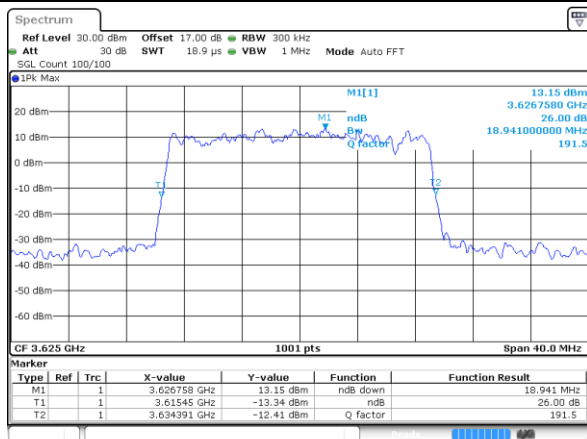
Date: 4 AUG 2020 13:51:58

Lowest Channel / 20MHz / 16QAM



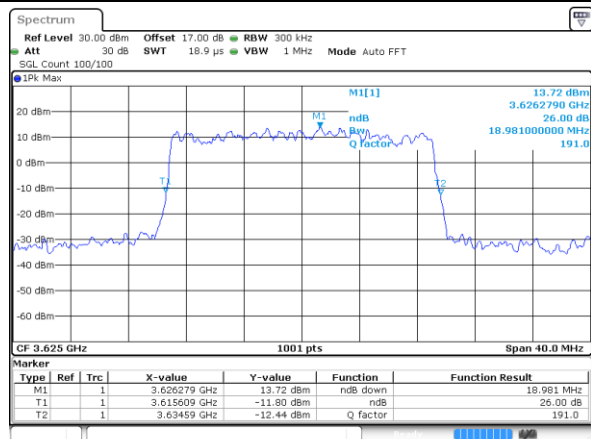
Date: 4 AUG 2020 13:52:10

Middle Channel / 20MHz / QPSK



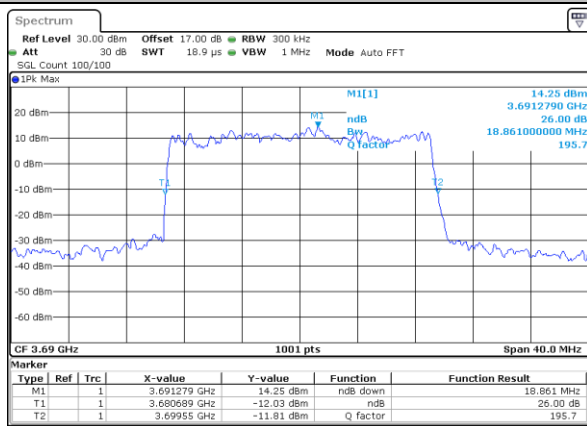
Date: 4 AUG 2020 13:52:45

Middle Channel / 20MHz / 16QAM



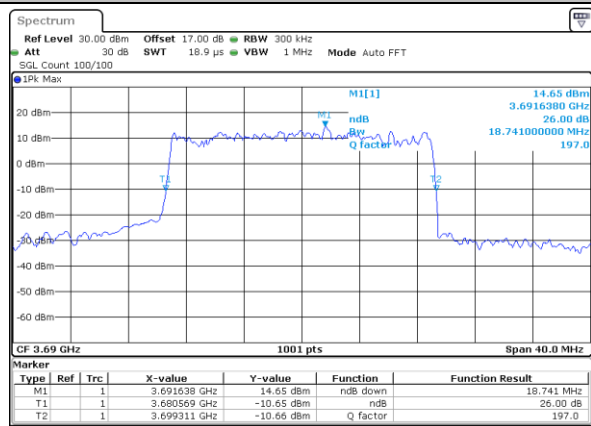
Date: 4 AUG 2020 13:52:56

Highest Channel / 20MHz / QPSK



Date: 4 AUG 2020 13:53:32

Highest Channel / 20MHz / 16QAM

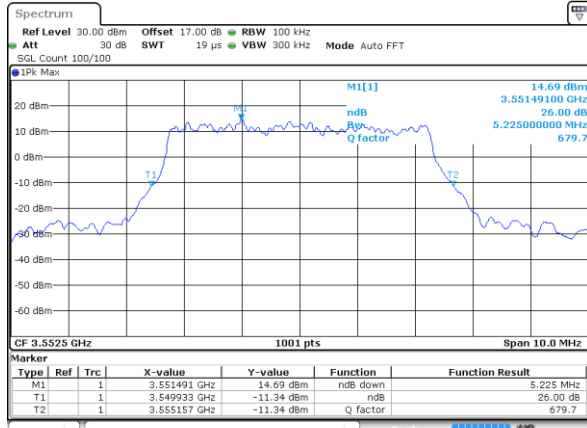


Date: 4 AUG 2020 13:53:44



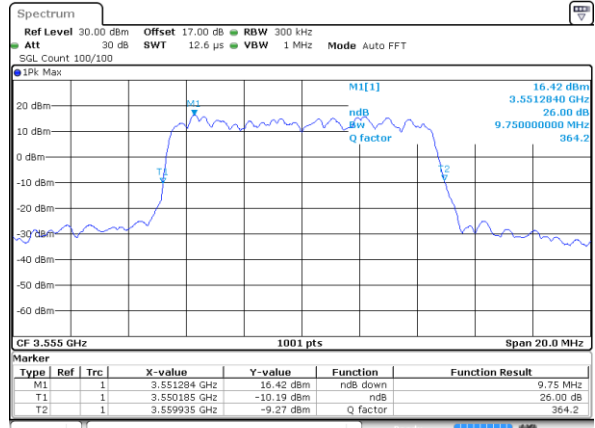
LTE Band 48

Lowest Channel / 5MHz / 64QAM



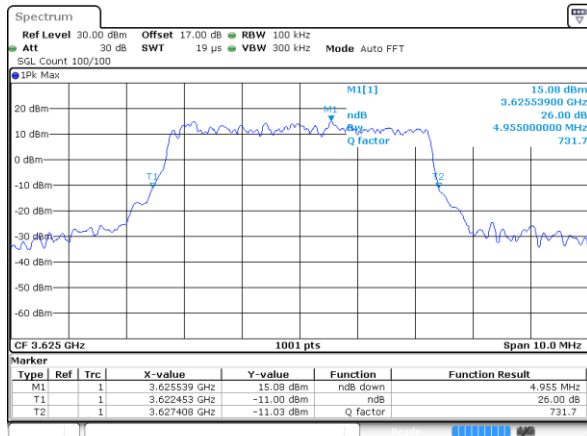
Date: 4 AUG 2020 13:54:10

Lowest Channel / 10MHz / 64QAM



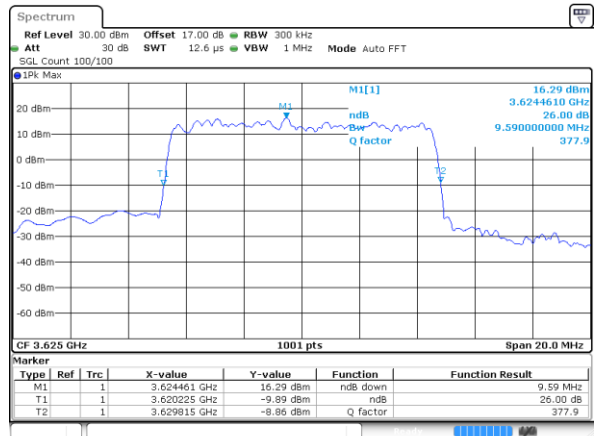
Date: 4 AUG 2020 13:55:22

Middle Channel / 5MHz / 64QAM



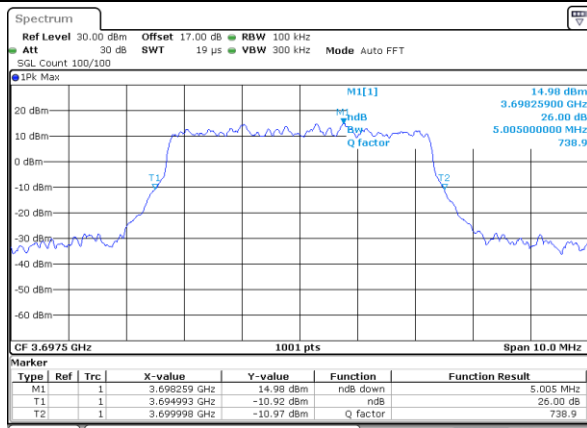
Date: 4 AUG 2020 13:54:33

Middle Channel / 10MHz / 64QAM



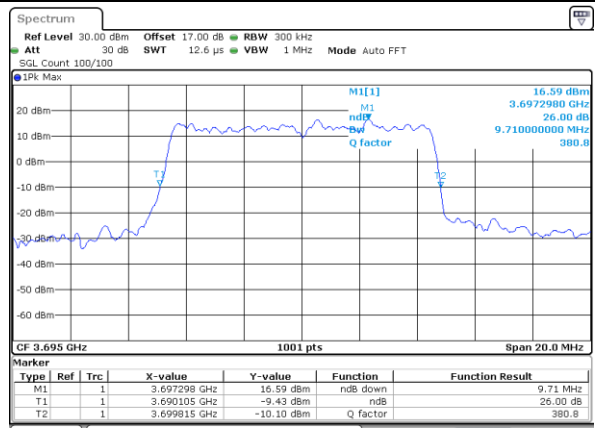
Date: 4 AUG 2020 13:55:45

Highest Channel / 5MHz / 64QAM



Date: 4 AUG 2020 13:54:57

Highest Channel / 10MHz / 64QAM

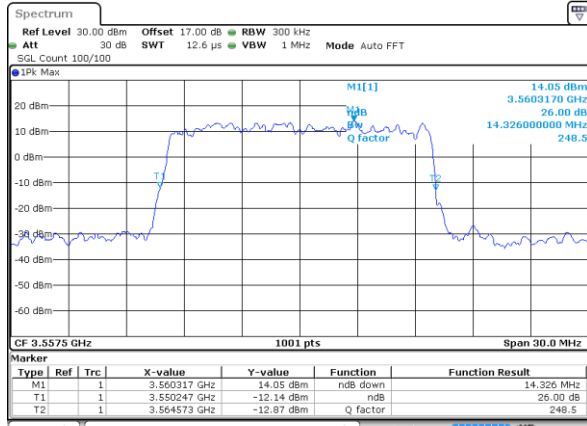


Date: 4 AUG 2020 13:56:09



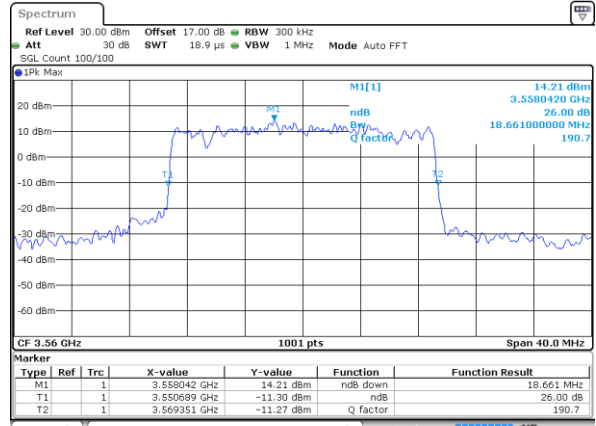
LTE Band 48

Lowest Channel / 15MHz / 64QAM



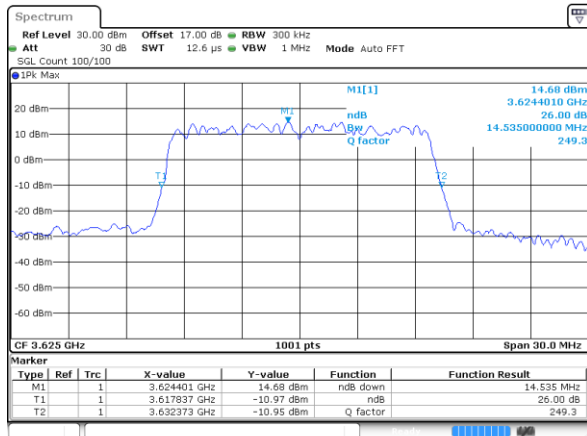
Date: 4 AUG 2020 13:56:35

Lowest Channel / 20MHz / 64QAM



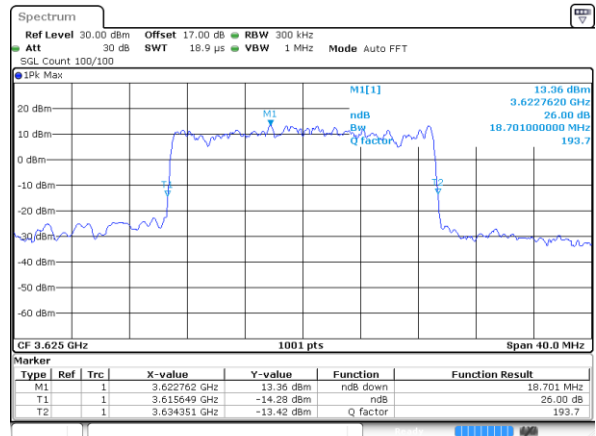
Date: 4 AUG 2020 13:57:47

Middle Channel / 15MHz / 64QAM



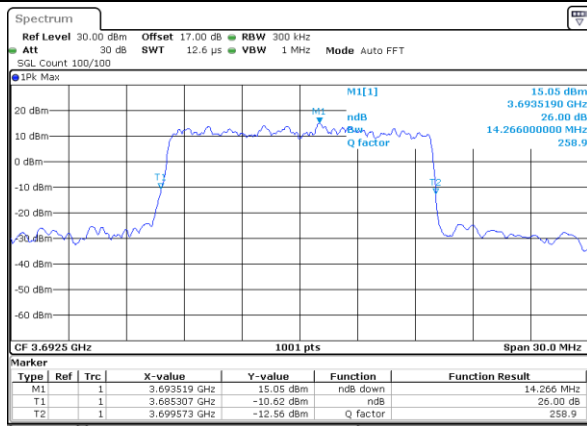
Date: 4 AUG 2020 13:56:58

Middle Channel / 20MHz / 64QAM



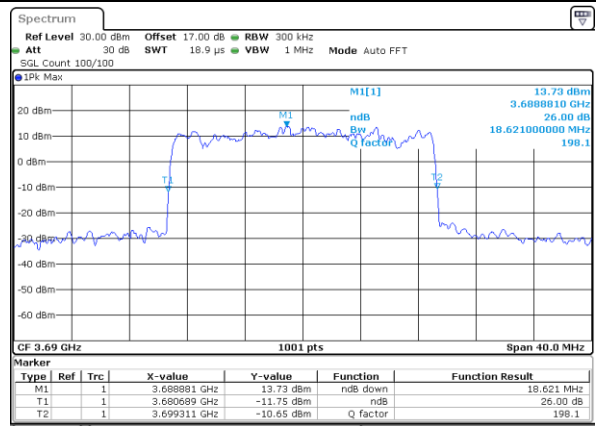
Date: 4 AUG 2020 13:58:10

Highest Channel / 15MHz / 64QAM



Date: 4 AUG 2020 13:57:22

Highest Channel / 20MHz / 64QAM



Date: 4 AUG 2020 13:58:34

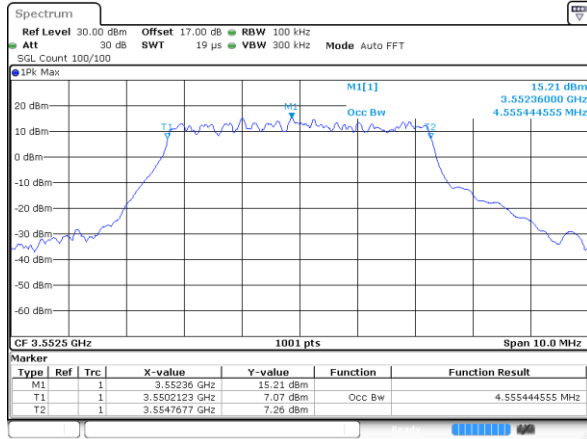
**Occupied Bandwidth**

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	-	-	-	-	4.56	4.49	9.05	9.07	13.40	13.49	17.86	17.90
Middle CH	-	-	-	-	4.50	4.49	9.03	9.01	13.46	13.43	17.82	17.86
Highest CH	-	-	-	-	4.55	4.50	9.05	8.97	13.43	13.46	17.90	17.86
Mode	LTE Band 48 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-	-	-	-	4.51	-	9.05	-	13.37	-	17.86	-
Middle CH	-	-	-	-	4.50	-	9.09	-	13.43	-	17.90	-
Highest CH	-	-	-	-	4.52	-	9.07	-	13.52	-	17.82	-

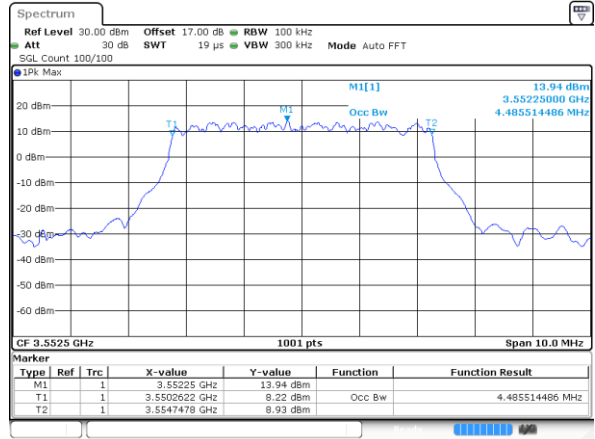


LTE Band 48

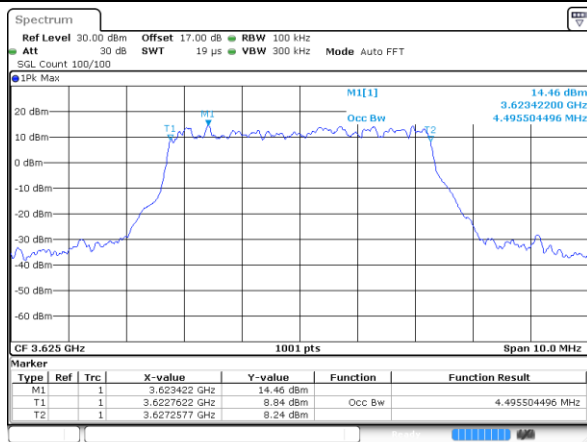
Lowest Channel / 5MHz / QPSK



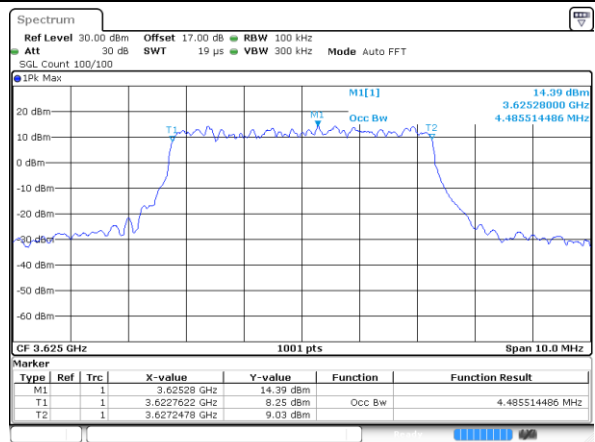
Lowest Channel / 5MHz / 16QAM



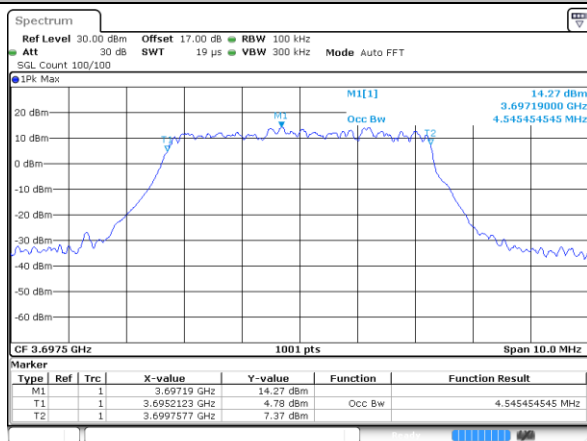
Middle Channel / 5MHz / QPSK



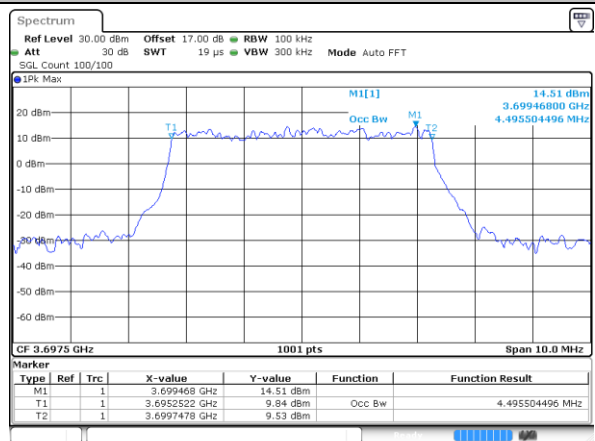
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



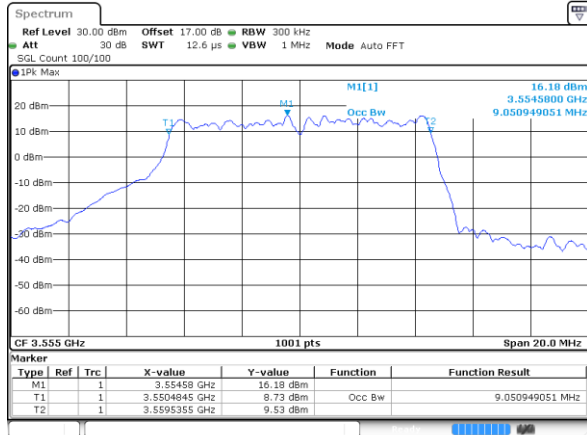
Highest Channel / 5MHz / 16QAM





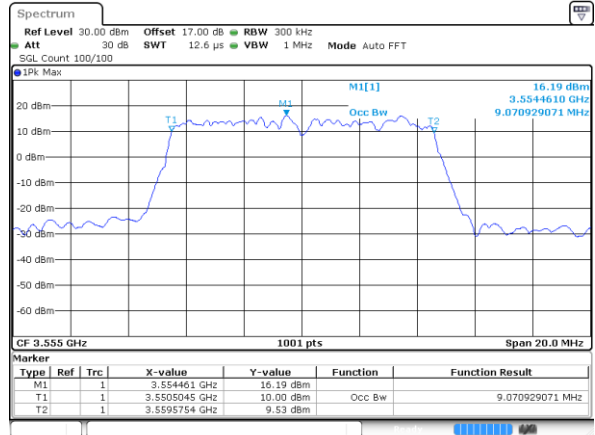
LTE Band 48

Lowest Channel / 10MHz / QPSK



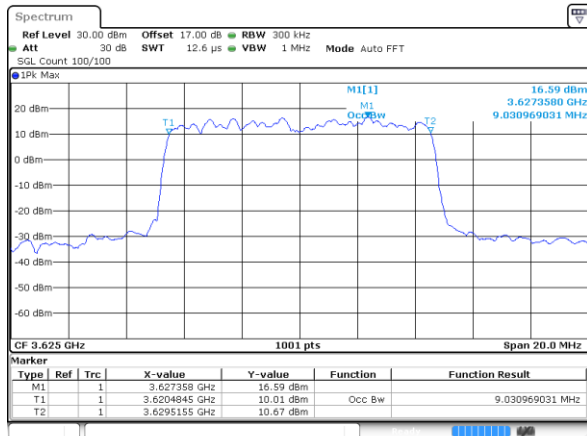
Date: 4 AUG 2020 13:46:45

Lowest Channel / 10MHz / 16QAM



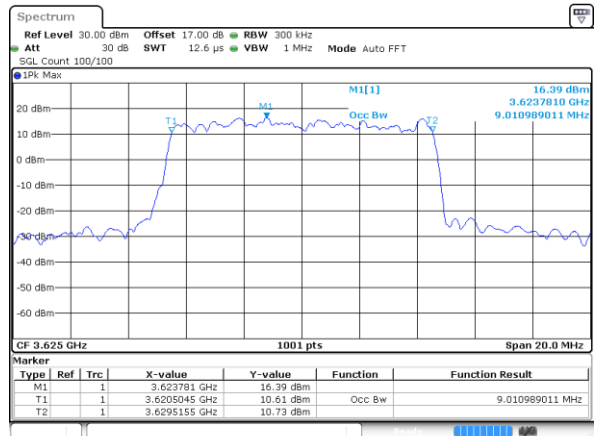
Date: 4 AUG 2020 13:46:57

Middle Channel / 10MHz / QPSK



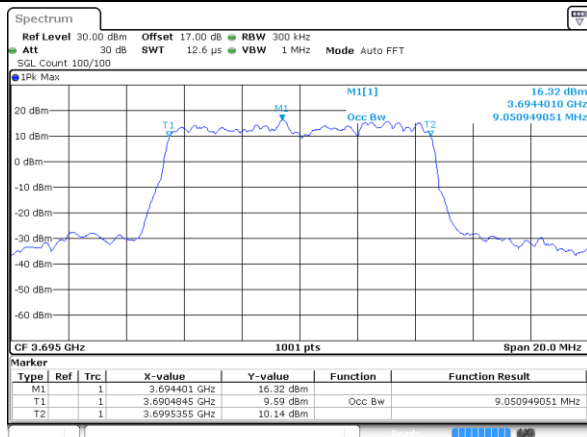
Date: 4 AUG 2020 13:47:33

Middle Channel / 10MHz / 16QAM



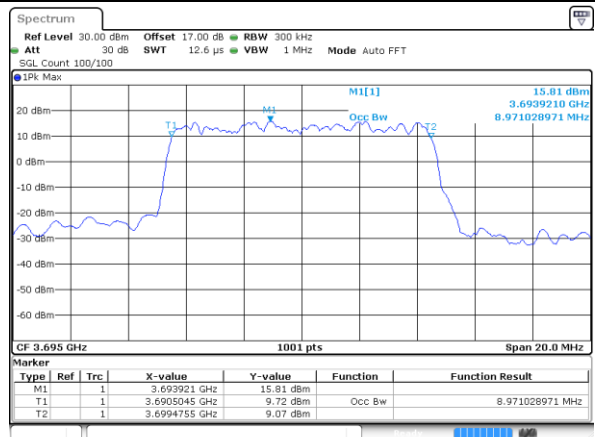
Date: 4 AUG 2020 13:47:45

Highest Channel / 10MHz / QPSK



Date: 4 AUG 2020 13:48:19

Highest Channel / 10MHz / 16QAM

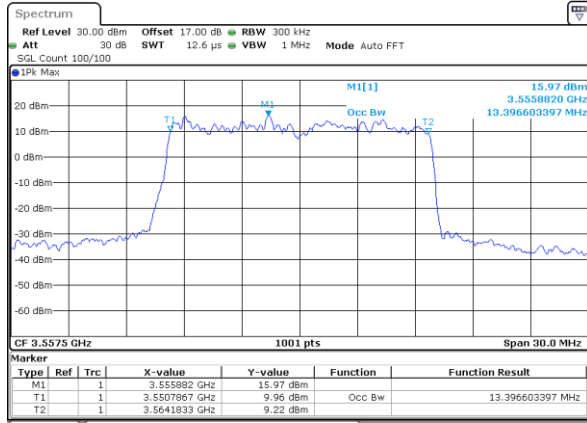


Date: 4 AUG 2020 13:48:31



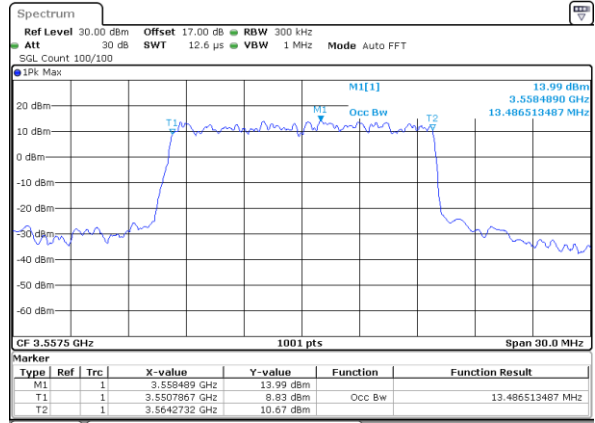
LTE Band 48

Lowest Channel / 15MHz / QPSK



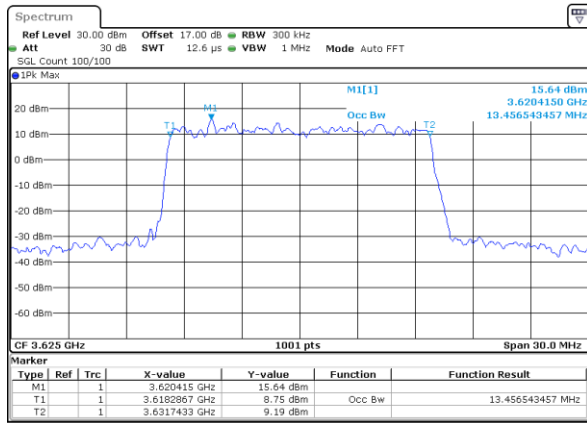
Date: 4 AUG 2020 13:49:09

Lowest Channel / 15MHz / 16QAM



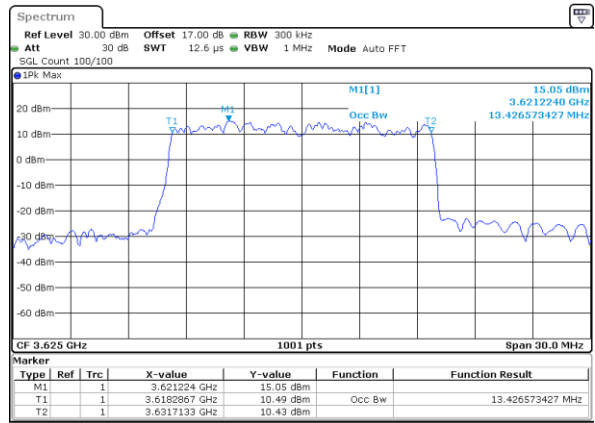
Date: 4 AUG 2020 13:49:21

Middle Channel / 15MHz / QPSK



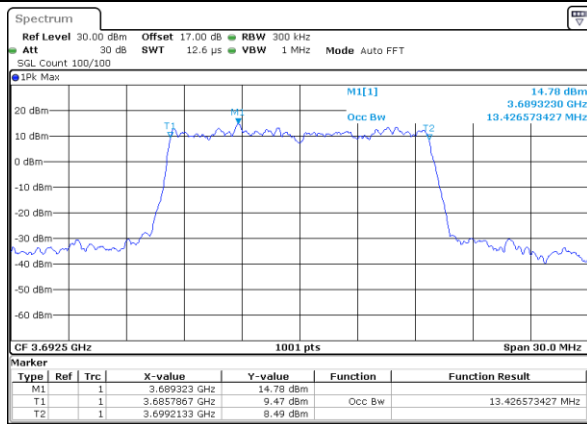
Date: 4 AUG 2020 13:49:57

Middle Channel / 15MHz / 16QAM



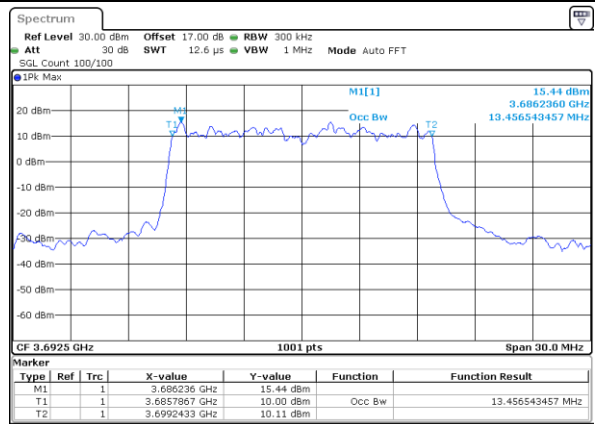
Date: 4 AUG 2020 13:50:09

Highest Channel / 15MHz / QPSK



Date: 4 AUG 2020 13:50:44

Highest Channel / 15MHz / 16QAM

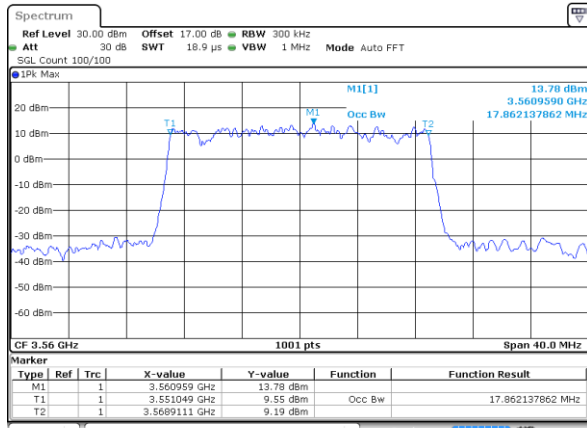


Date: 4 AUG 2020 13:50:56



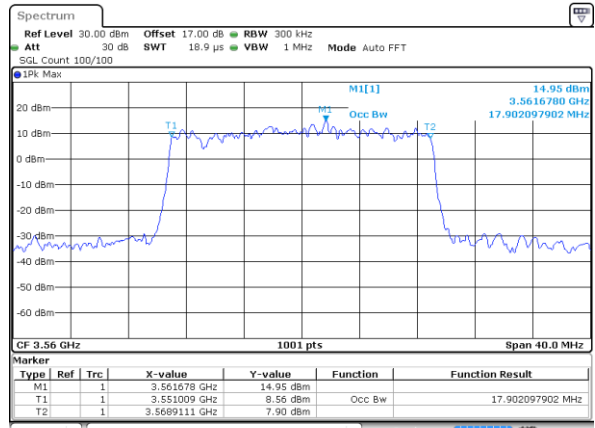
LTE Band 48

Lowest Channel / 20MHz / QPSK



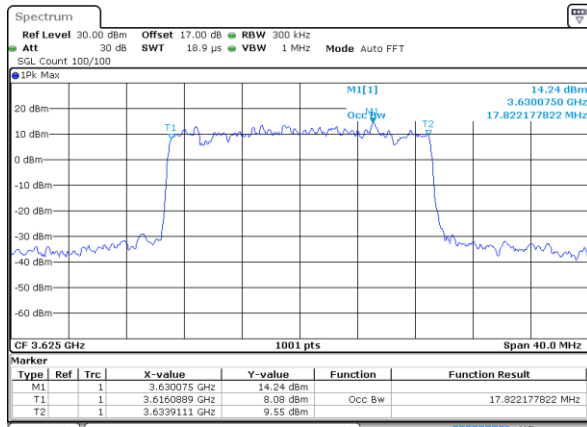
Date: 4 AUG 2020 13:51:33

Lowest Channel / 20MHz / 16QAM



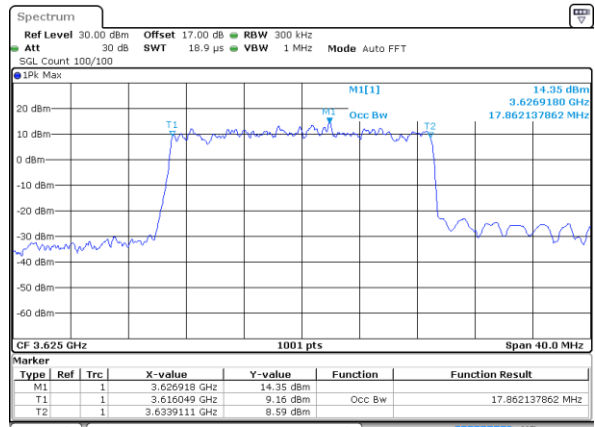
Date: 4 AUG 2020 13:51:46

Middle Channel / 20MHz / QPSK



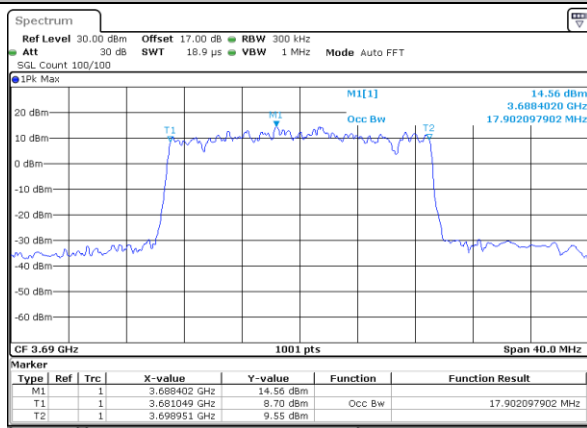
Date: 4 AUG 2020 13:52:22

Middle Channel / 20MHz / 16QAM



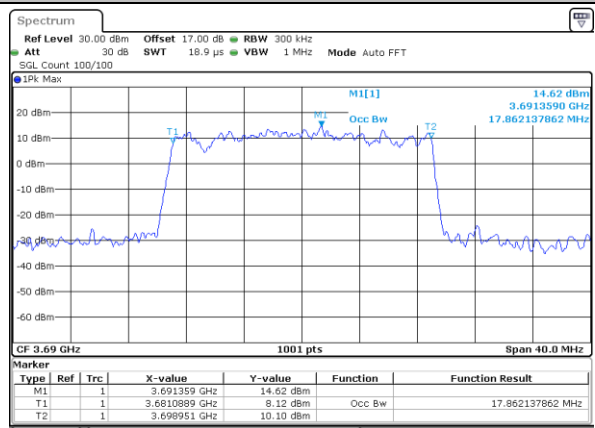
Date: 4 AUG 2020 13:52:33

Highest Channel / 20MHz / QPSK



Date: 4 AUG 2020 13:53:08

Highest Channel / 20MHz / 16QAM

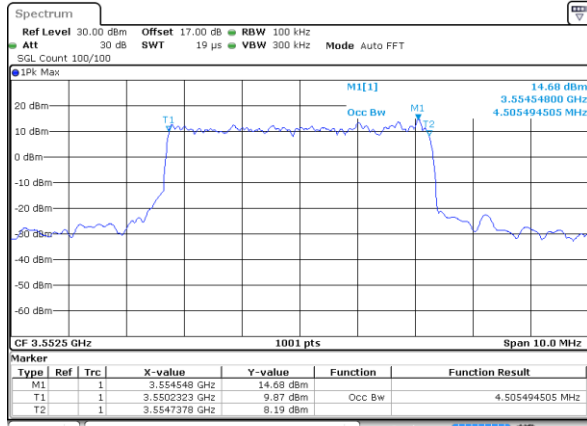


Date: 4 AUG 2020 13:53:20



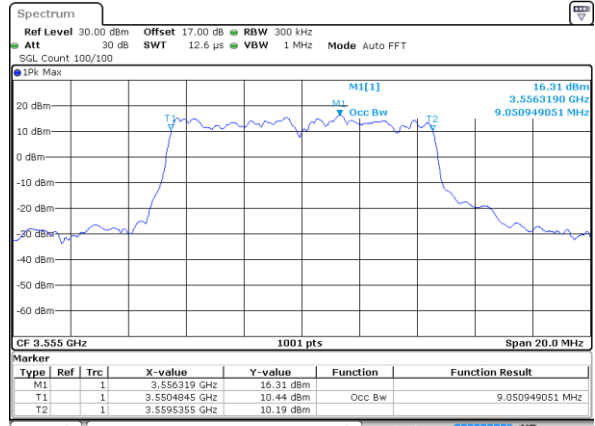
LTE Band 48

Lowest Channel / 5MHz / 64QAM



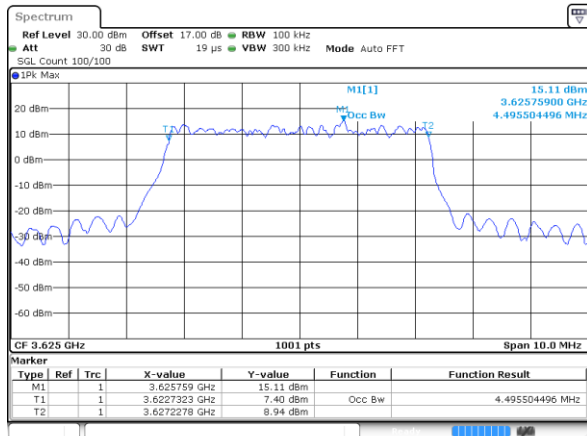
Date: 4 AUG 2020 13:53:58

Lowest Channel / 10MHz / 64QAM



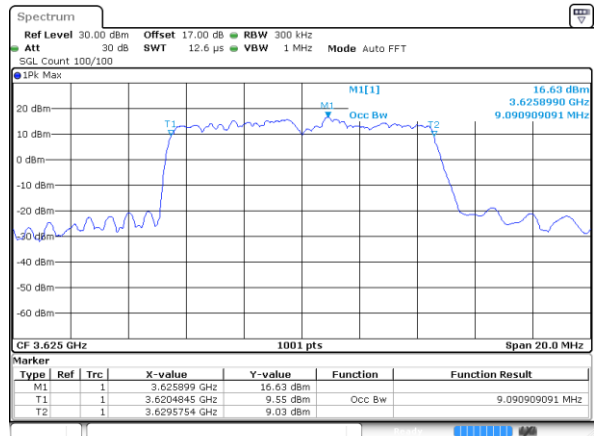
Date: 4 AUG 2020 13:55:10

Middle Channel / 5MHz / 64QAM



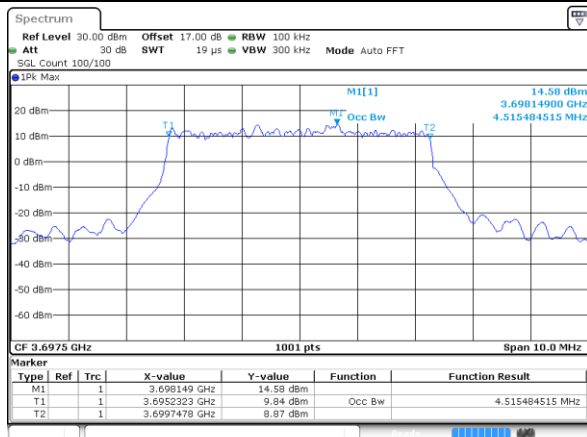
Date: 4 AUG 2020 13:54:22

Middle Channel / 10MHz / 64QAM



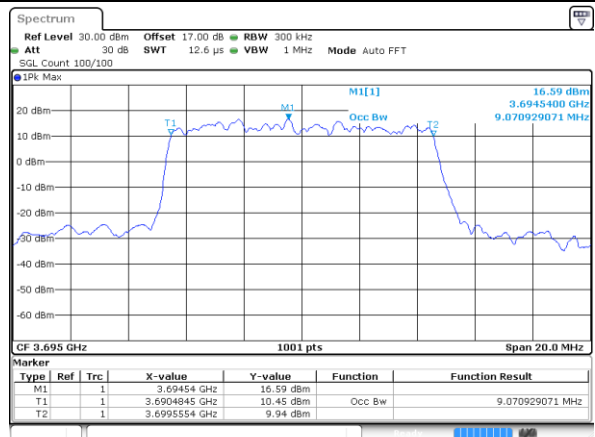
Date: 4 AUG 2020 13:55:34

Highest Channel / 5MHz / 64QAM



Date: 4 AUG 2020 13:54:45

Highest Channel / 10MHz / 64QAM

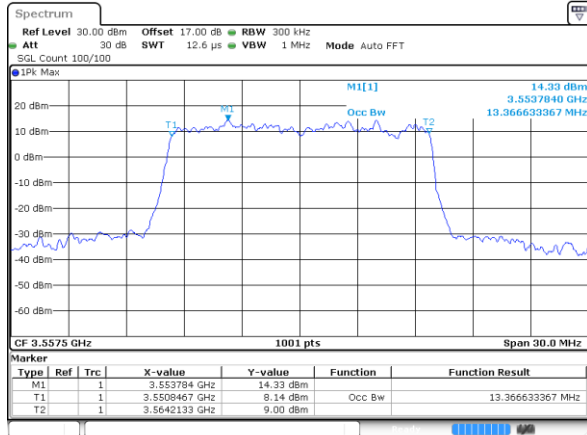


Date: 4 AUG 2020 13:55:57



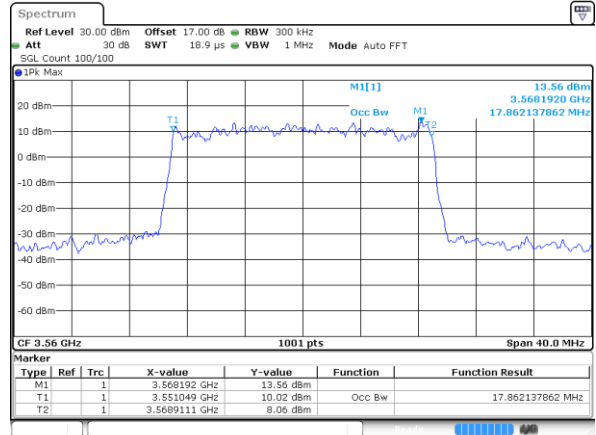
LTE Band 48

Lowest Channel / 15MHz / 64QAM



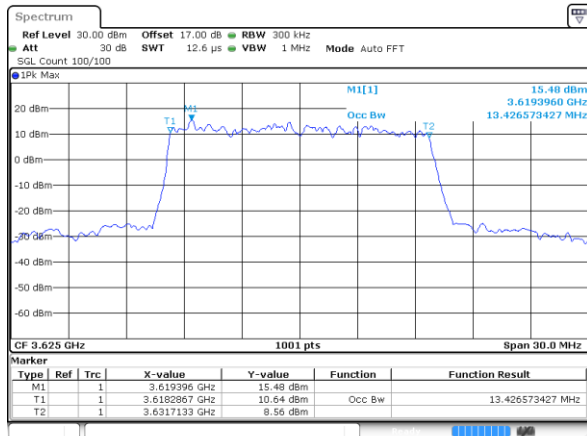
Date: 4 AUG 2020 13:56:23

Lowest Channel / 20MHz / 64QAM



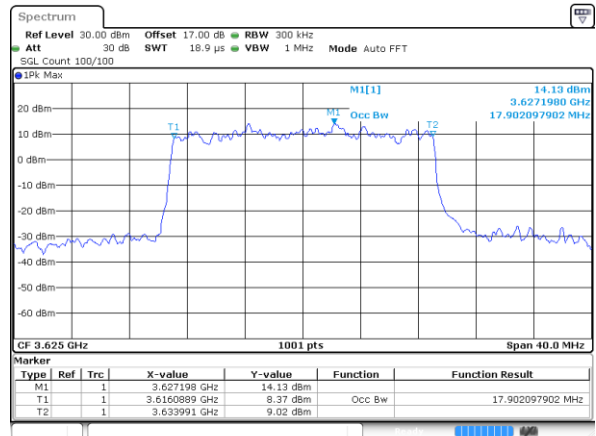
Date: 4 AUG 2020 13:57:35

Middle Channel / 15MHz / 64QAM



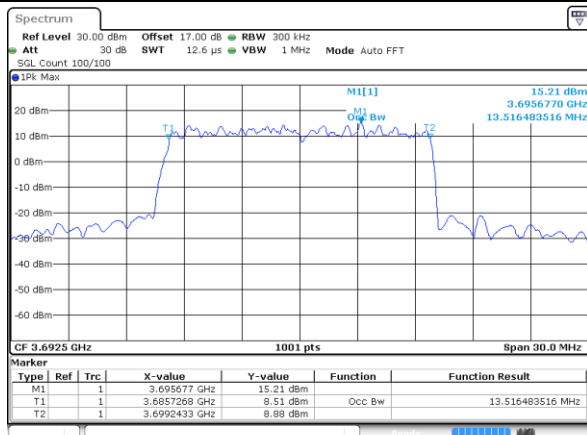
Date: 4 AUG 2020 13:56:46

Middle Channel / 20MHz / 64QAM



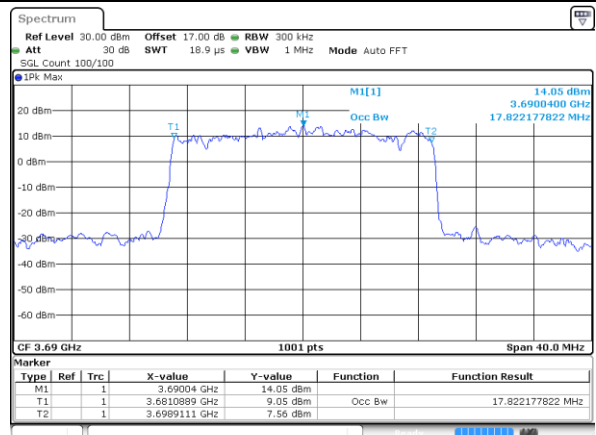
Date: 4 AUG 2020 13:57:59

Highest Channel / 15MHz / 64QAM



Date: 4 AUG 2020 13:57:10

Highest Channel / 20MHz / 64QAM



Date: 4 AUG 2020 13:58:22