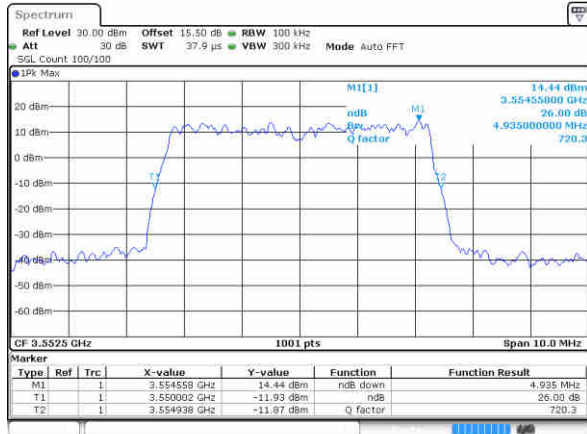


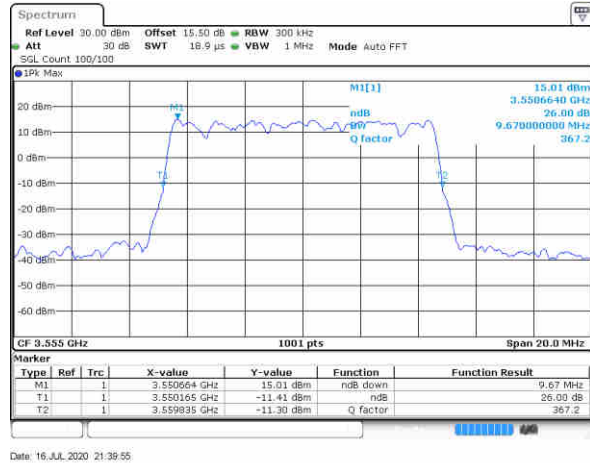


LTE Band 48

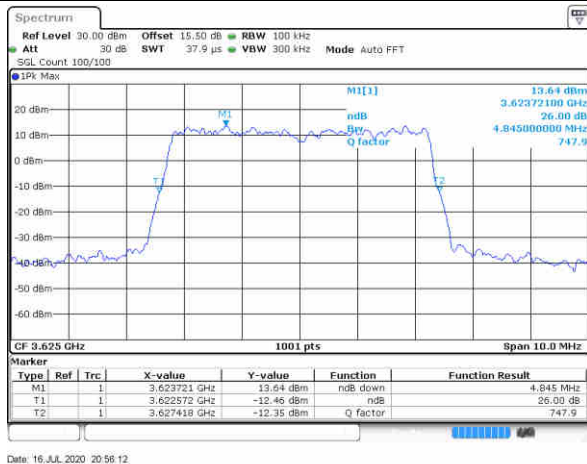
Lowest Channel / 5MHz / 64QAM



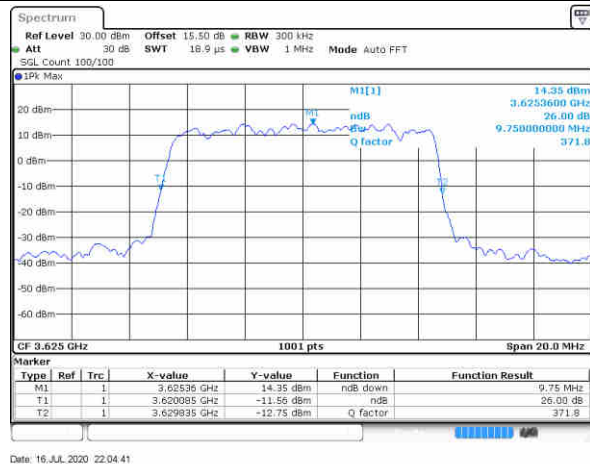
Lowest Channel / 10MHz / 64QAM



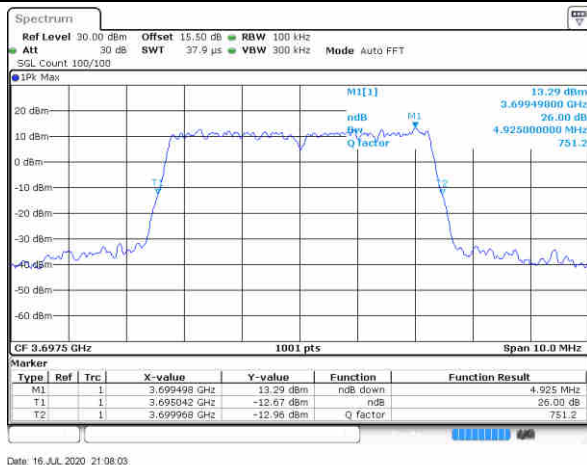
Middle Channel / 5MHz / 64QAM



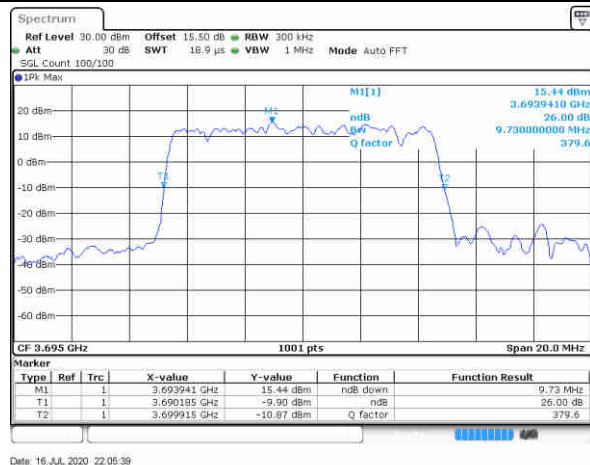
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



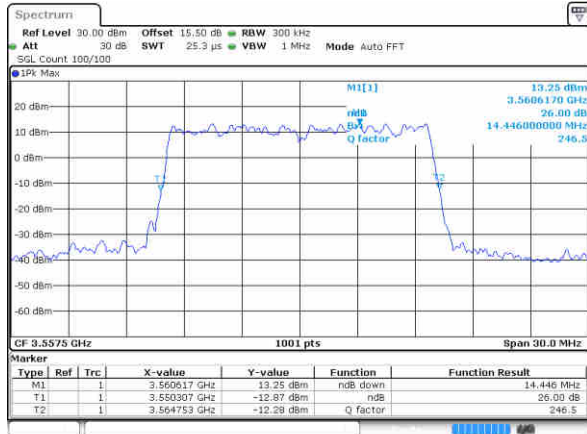
Highest Channel / 10MHz / 64QAM





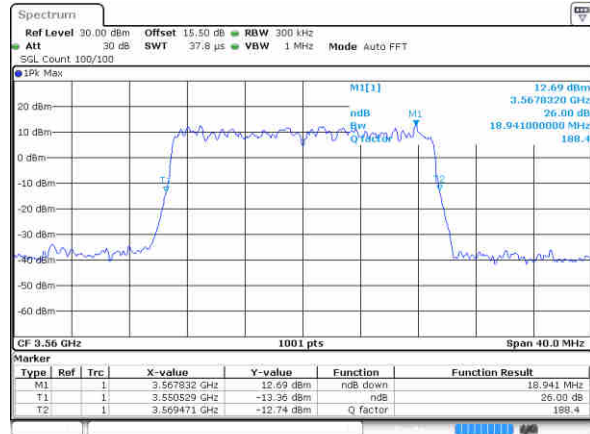
LTE Band 48

Lowest Channel / 15MHz / 64QAM



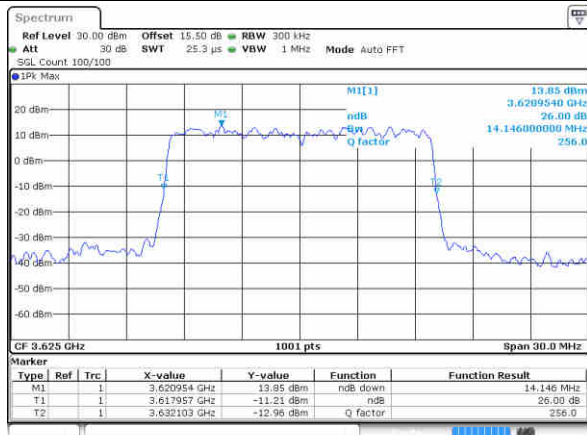
Date: 16 JUL 2020 22:22:59

Lowest Channel / 20MHz / 64QAM



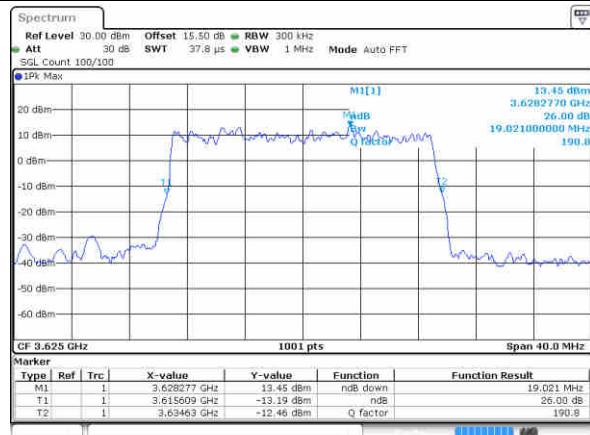
Date: 16 JUL 2020 23:01:00

Middle Channel / 15MHz / 64QAM



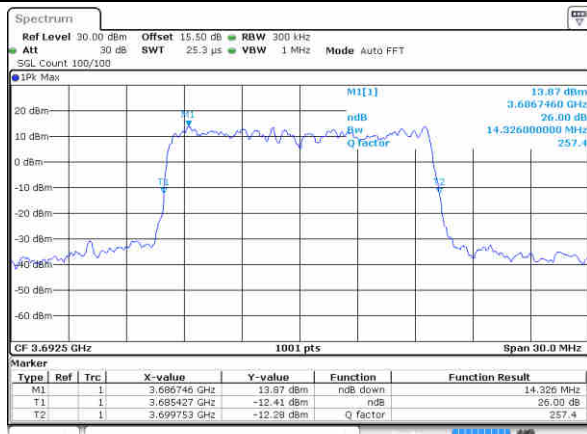
Date: 16 JUL 2020 22:43:28

Middle Channel / 20MHz / 64QAM



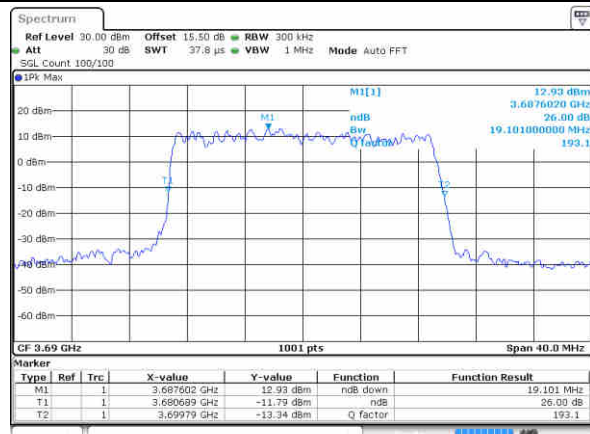
Date: 16 JUL 2020 23:35:26

Highest Channel / 15MHz / 64QAM



Date: 16 JUL 2020 22:44:47

Highest Channel / 20MHz / 64QAM



Date: 17 JUL 2020 00:13:57

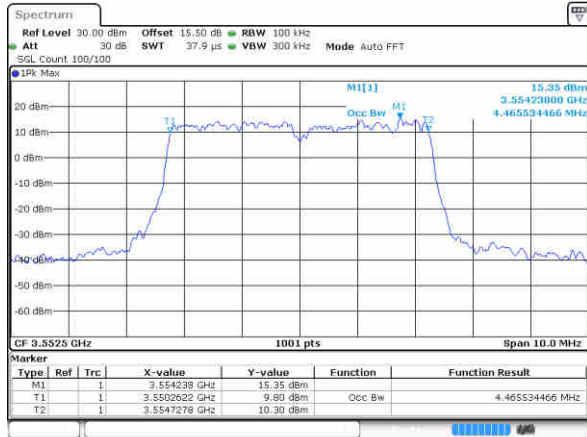
**Occupied Bandwidth**

Mode	LTE Band 48 : 99%OBW(MHz)							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	4.47	4.48	9.05	9.05	13.52	13.43	17.86	17.86
Middle CH	4.50	4.49	9.05	9.03	13.43	13.43	17.86	17.90
Highest CH	4.50	4.50	9.09	8.99	13.49	13.46	17.86	17.82
Mode	LTE Band 48 : 99%OBW(MHz)							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM	
Lowest CH	4.49		9.03		13.46		17.90	
Middle CH	4.47		9.07		13.52		17.86	
Highest CH	4.52		9.05		13.49		17.90	

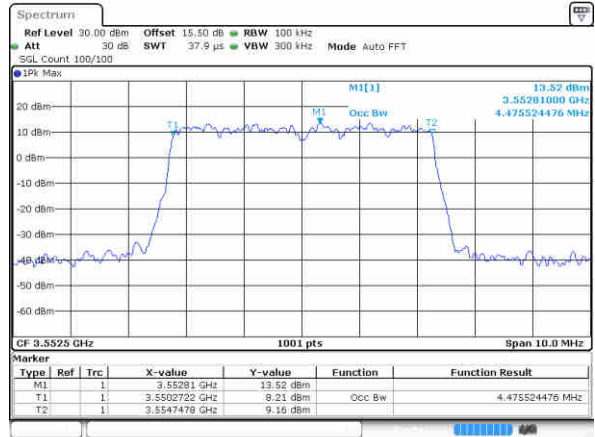


LTE Band 48

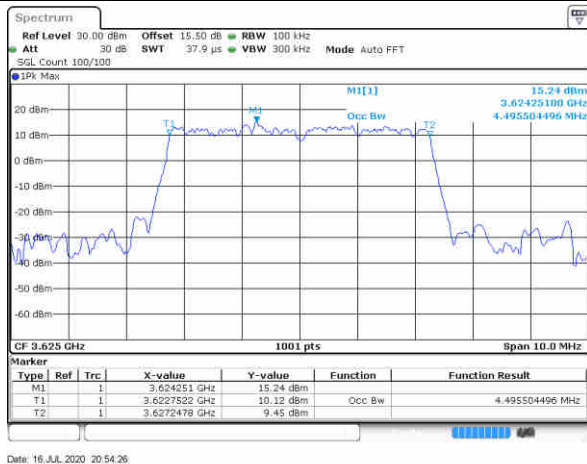
Lowest Channel / 5MHz / QPSK



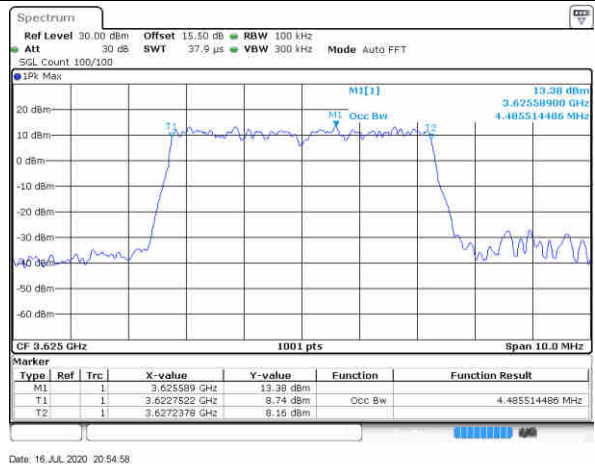
Lowest Channel / 5MHz / 16QAM



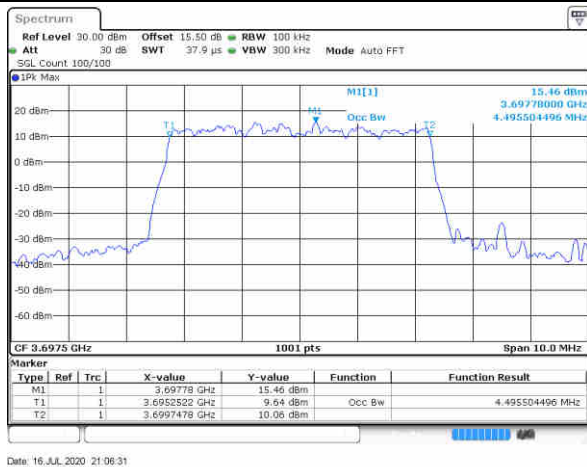
Middle Channel / 5MHz / QPSK



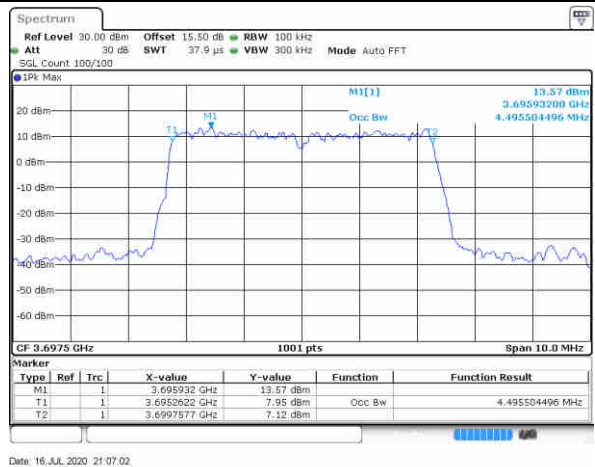
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



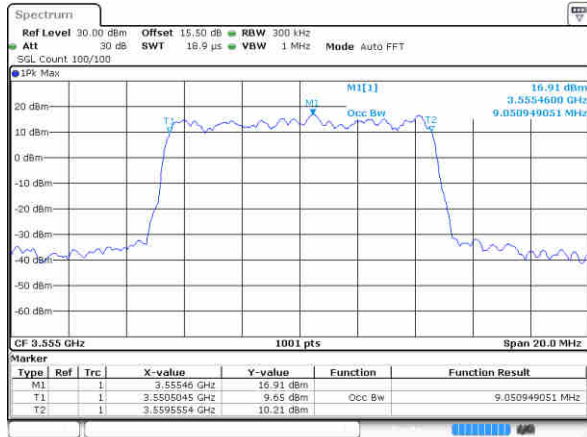
Highest Channel / 5MHz / 16QAM



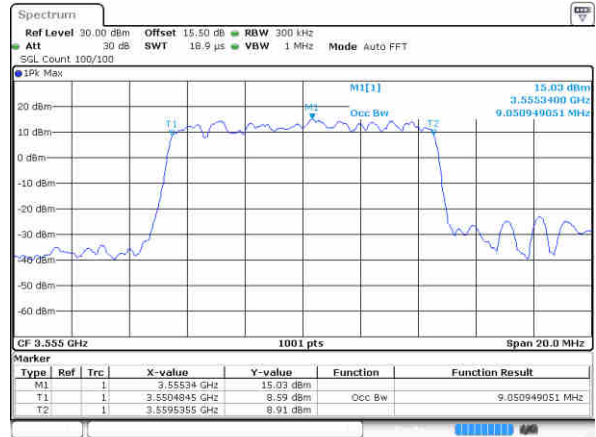


LTE Band 48

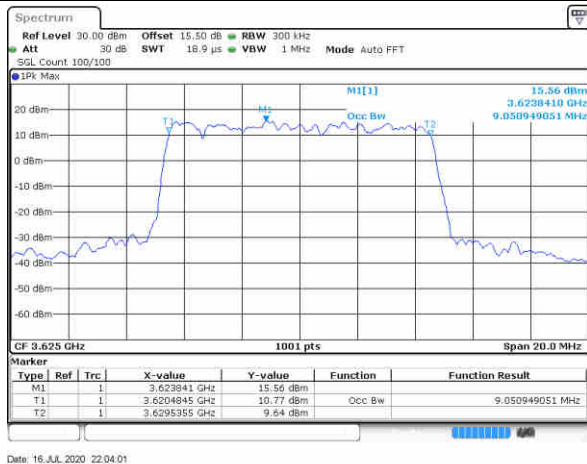
Lowest Channel / 10MHz / QPSK



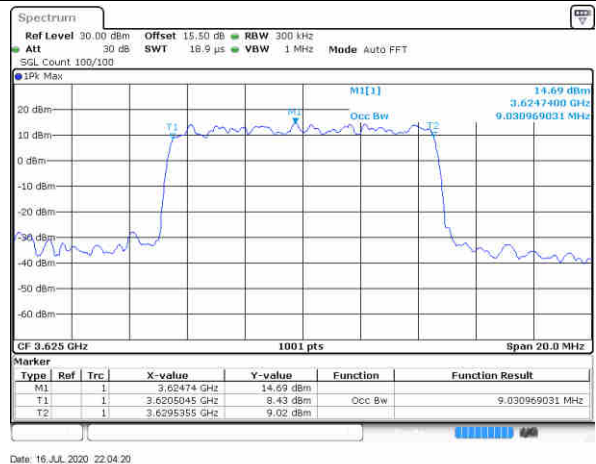
Lowest Channel / 10MHz / 16QAM



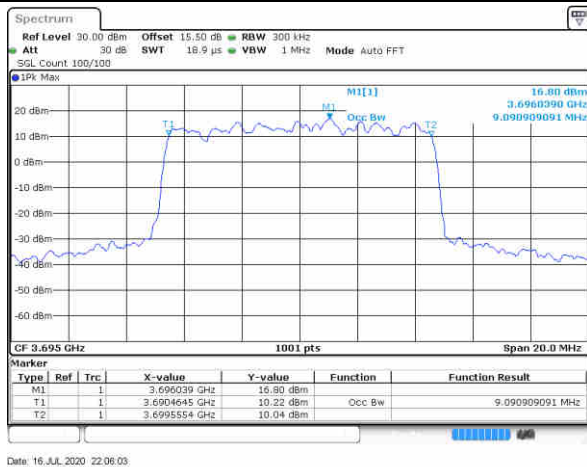
Middle Channel / 10MHz / QPSK



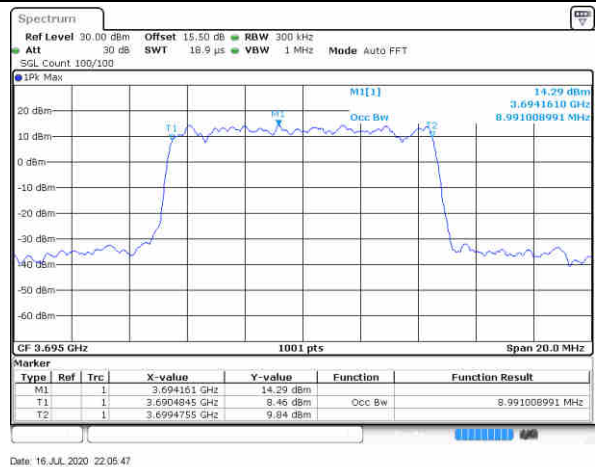
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



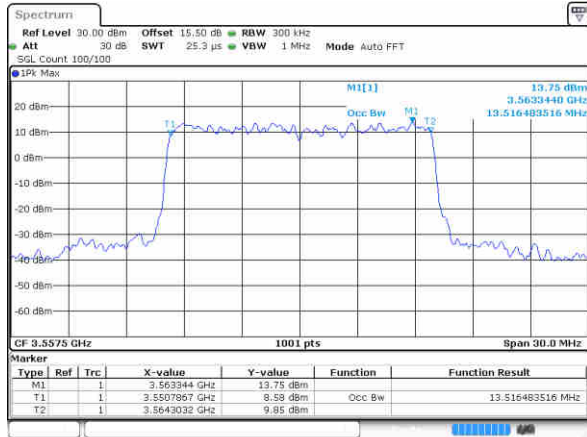
Highest Channel / 10MHz / 16QAM



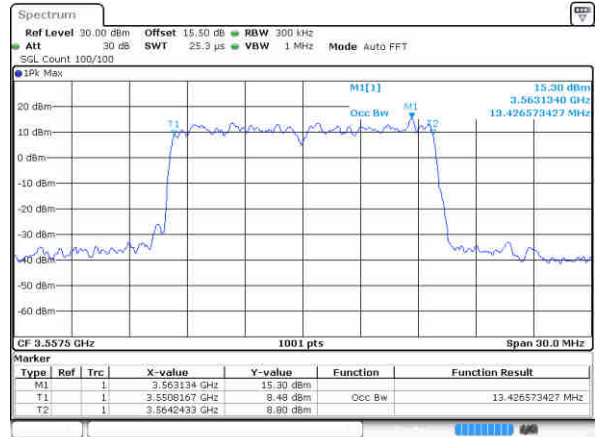


LTE Band 48

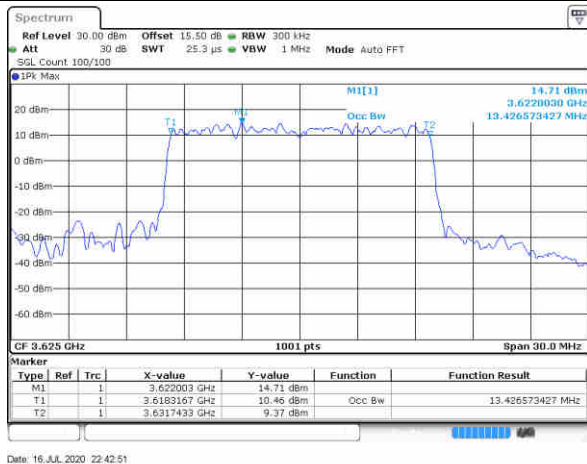
Lowest Channel / 15MHz / QPSK



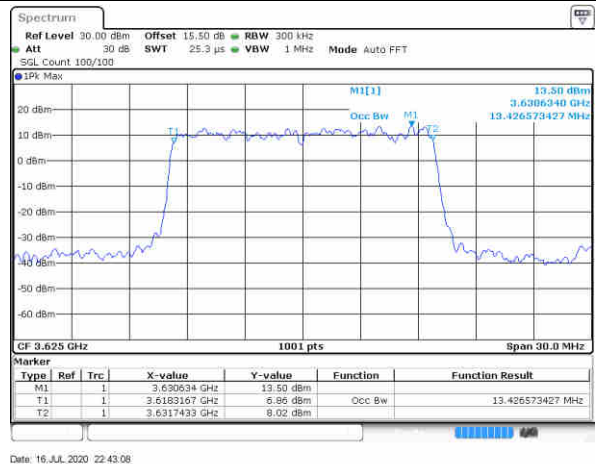
Lowest Channel / 15MHz / 16QAM



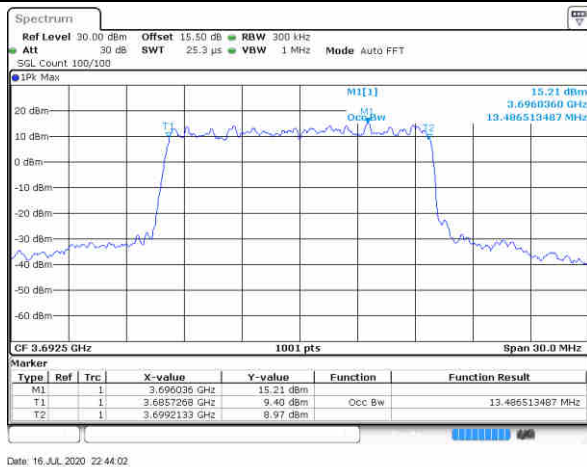
Middle Channel / 15MHz / QPSK



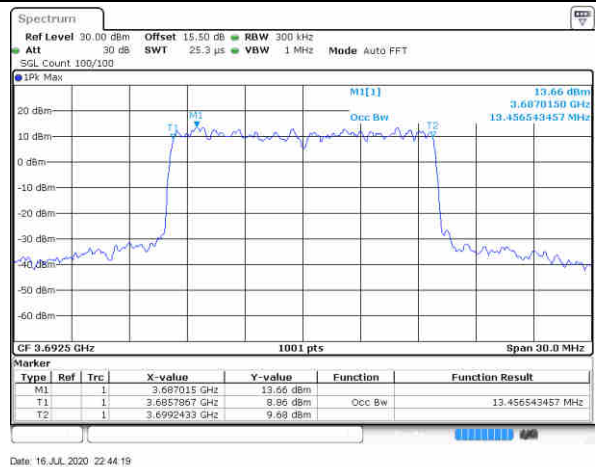
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



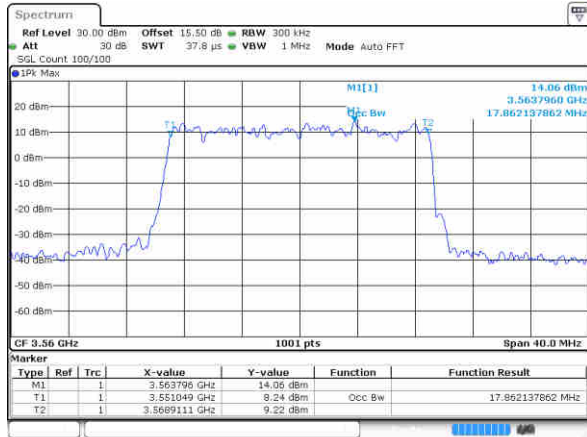
Highest Channel / 15MHz / 16QAM





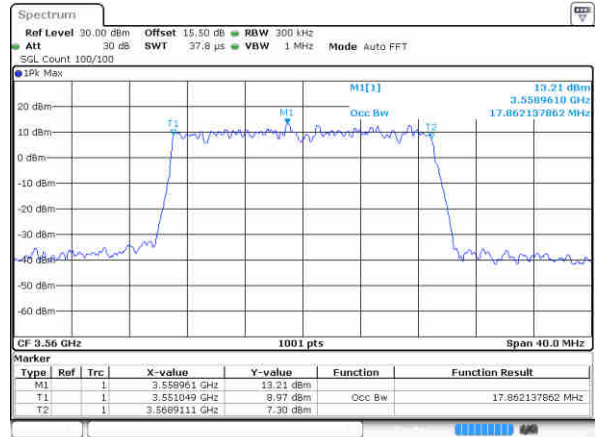
LTE Band 48

Lowest Channel / 20MHz / QPSK



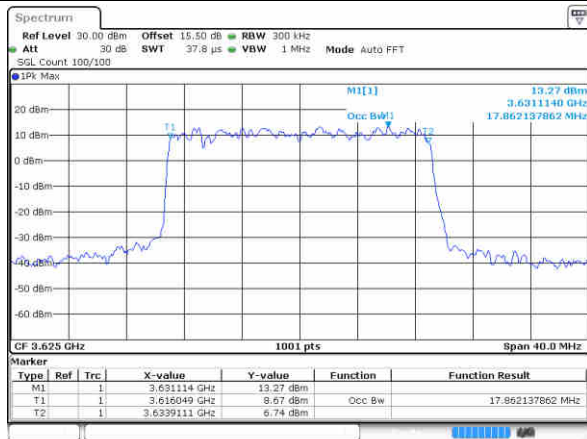
Date: 16 JUL 2020 23:00:21

Lowest Channel / 20MHz / 16QAM



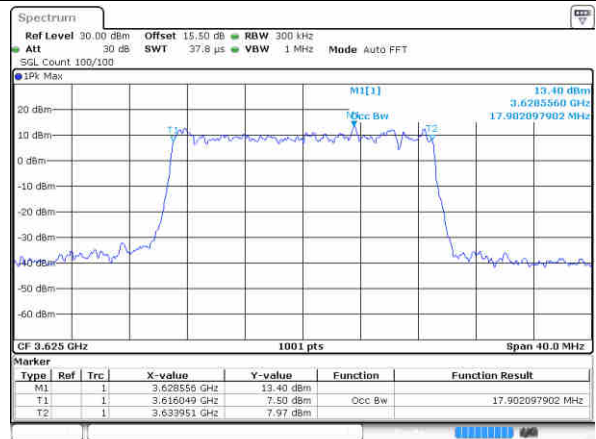
Date: 16 JUL 2020 23:00:39

Middle Channel / 20MHz / QPSK



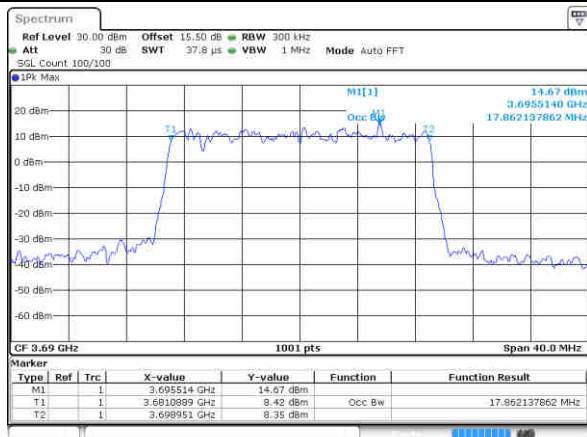
Date: 16 JUL 2020 23:36:07

Middle Channel / 20MHz / 16QAM



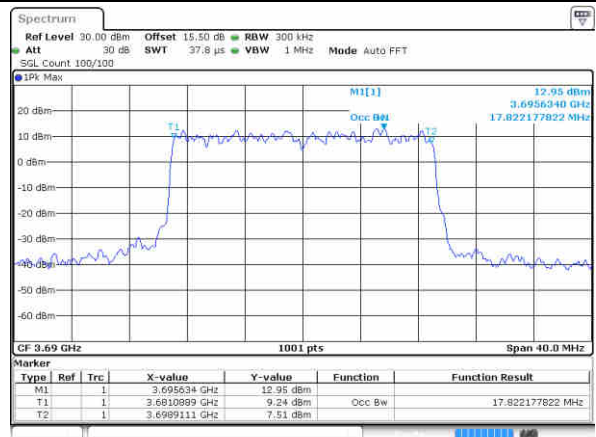
Date: 16 JUL 2020 23:35:34

Highest Channel / 20MHz / QPSK



Date: 17 JUL 2020 00:13:16

Highest Channel / 20MHz / 16QAM

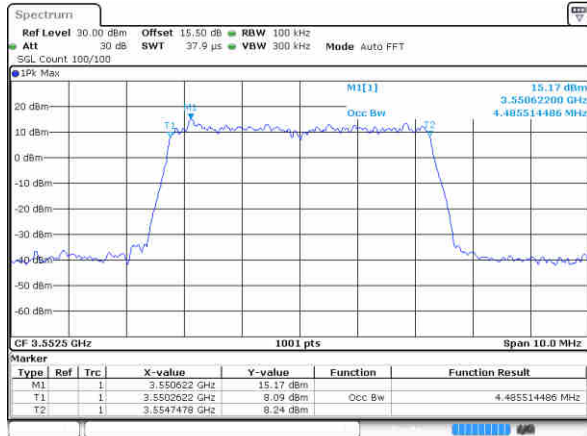


Date: 17 JUL 2020 00:13:34

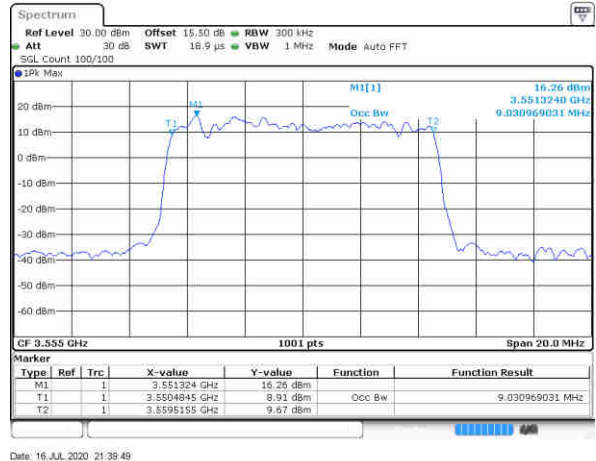


LTE Band 48

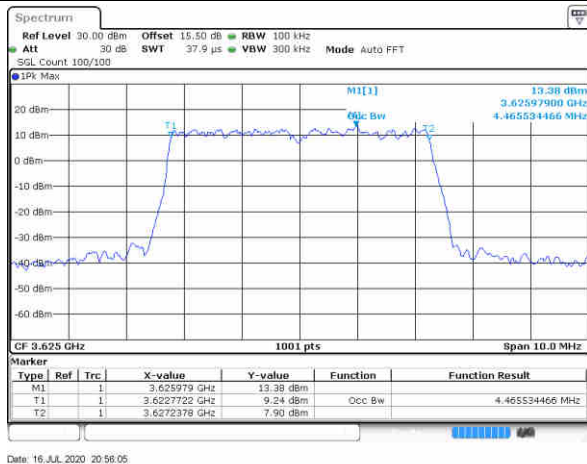
Lowest Channel / 5MHz / 64QAM



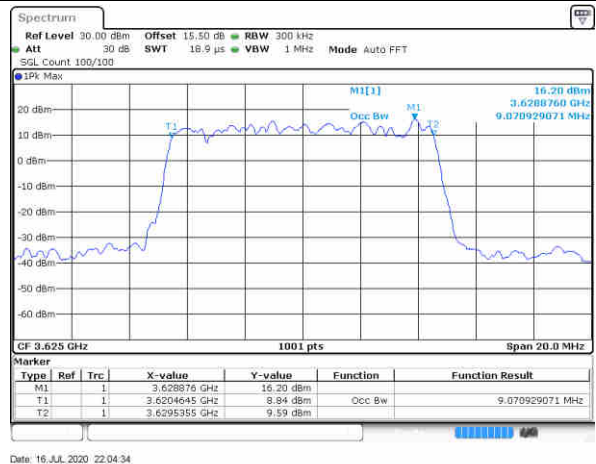
Lowest Channel / 10MHz / 64QAM



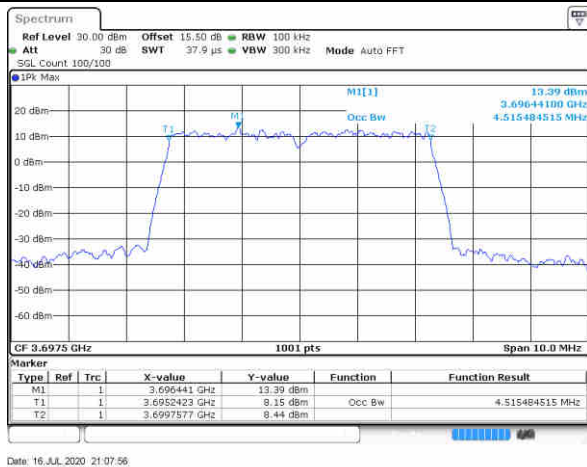
Middle Channel / 5MHz / 64QAM



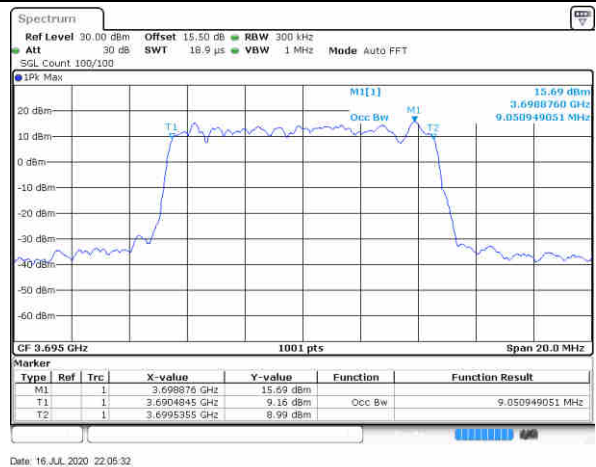
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



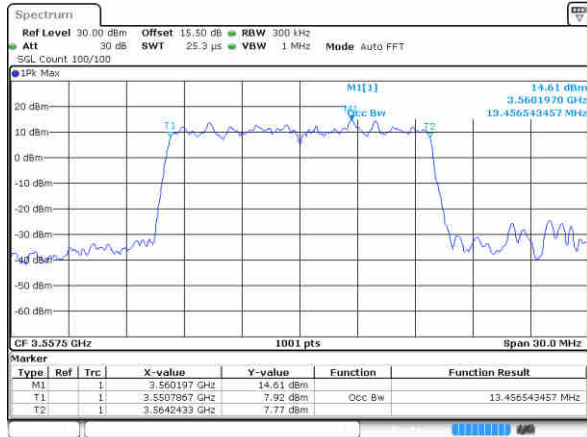
Highest Channel / 10MHz / 64QAM



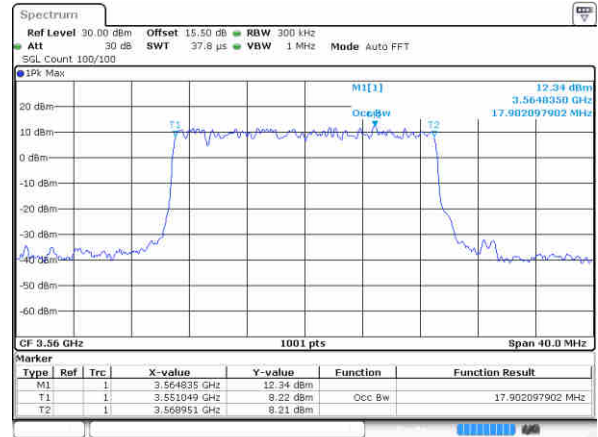


LTE Band 48

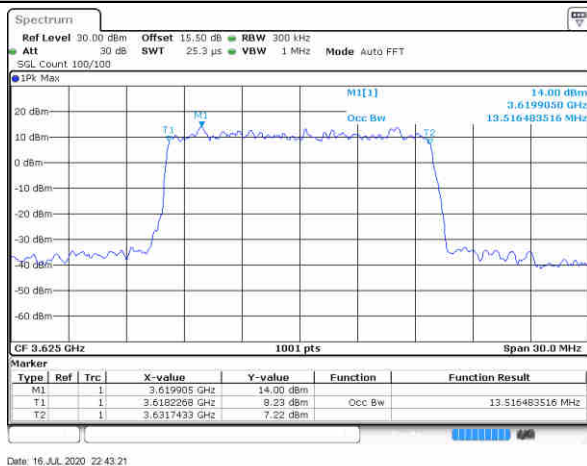
Lowest Channel / 15MHz / 64QAM



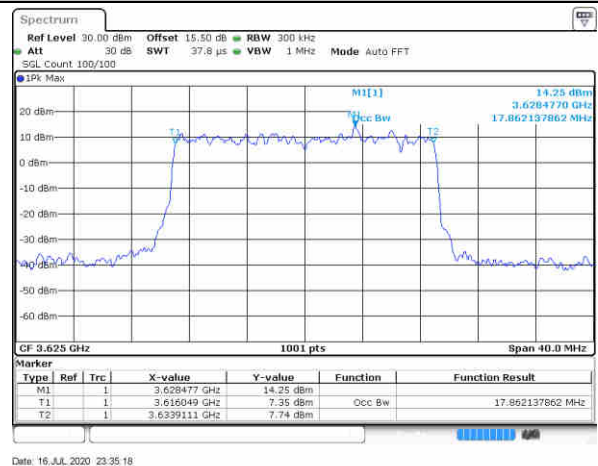
Lowest Channel / 20MHz / 64QAM



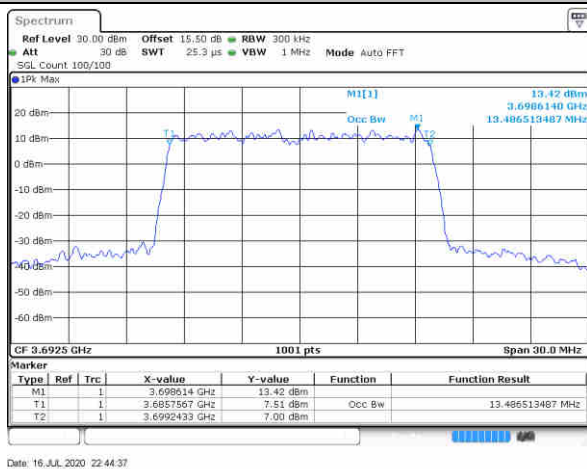
Middle Channel / 15MHz / 64QAM



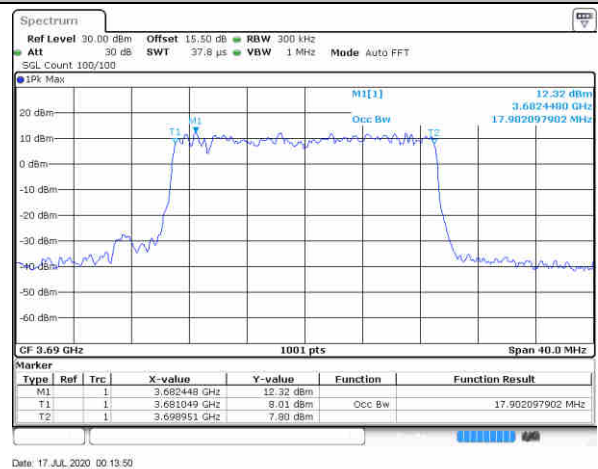
Middle Channel / 20MHz / 64QAM

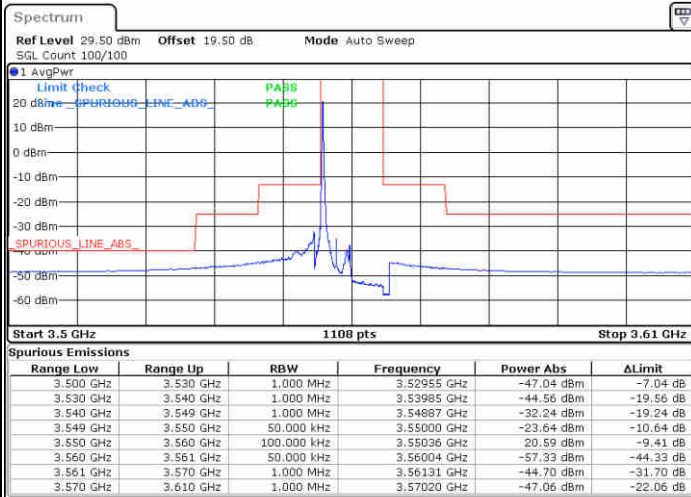


Highest Channel / 15MHz / 64QAM

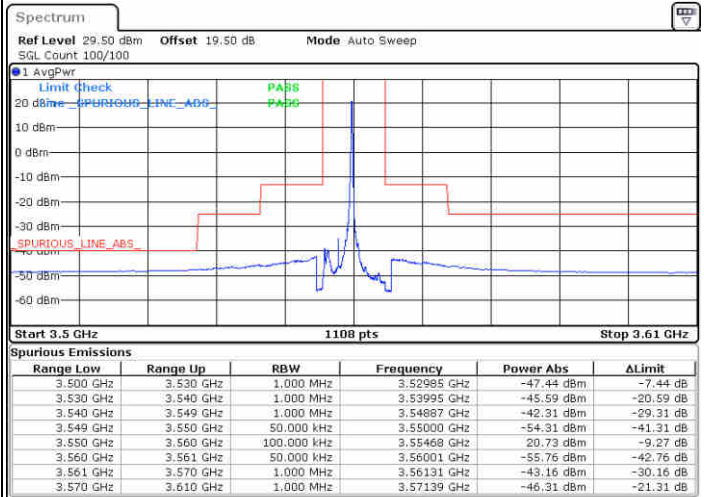


Highest Channel / 20MHz / 64QAM

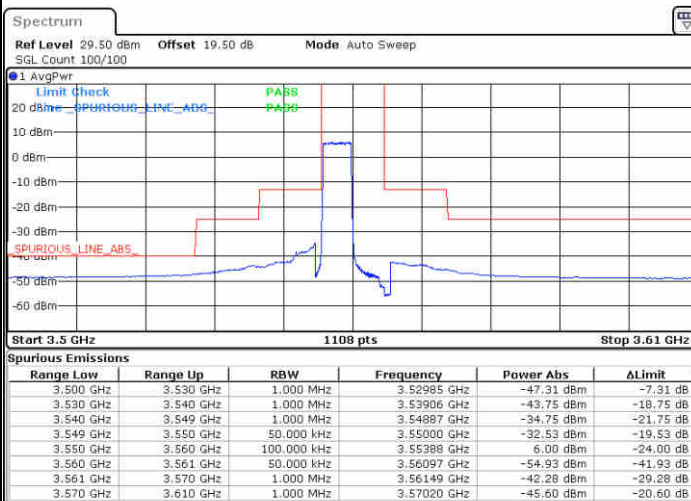


**Conducted Band Edge****LTE Band 48 / 5MHz****QPSK****Lowest Channel / 1RB0****Lowest Channel / 1RBmax**

Date: 22.JUL.2020 22:50:14



Date: 22.JUL.2020 22:54:08

Lowest Channel / FullRB**N/A**

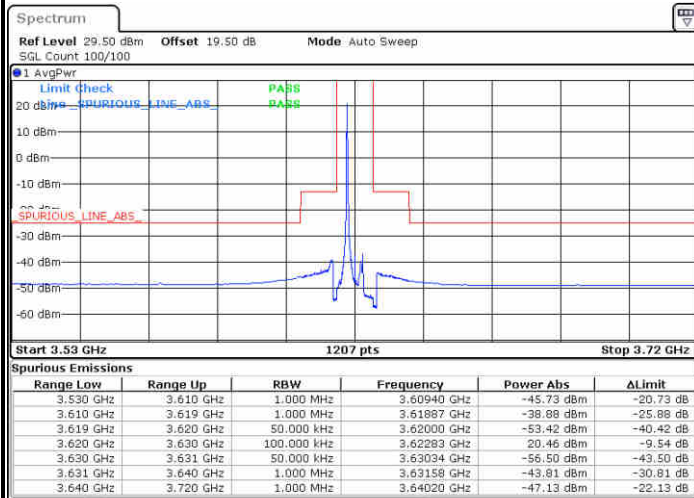
Date: 22.JUL.2020 22:34:56



LTE Band 48 / 5MHz

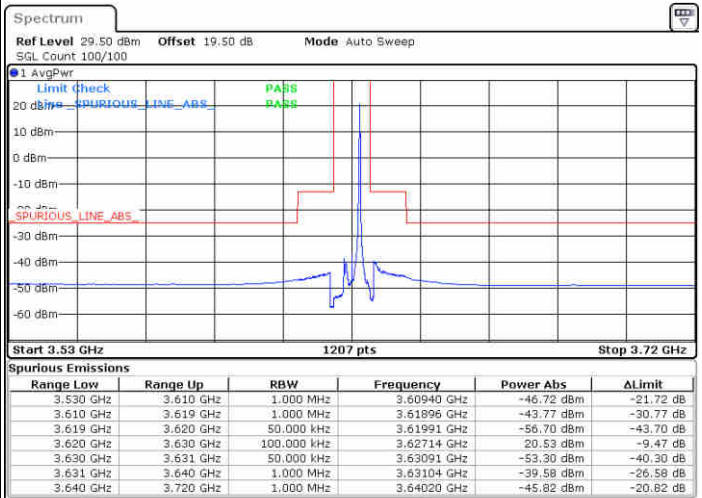
QPSK

Middle Channel / 1RB0



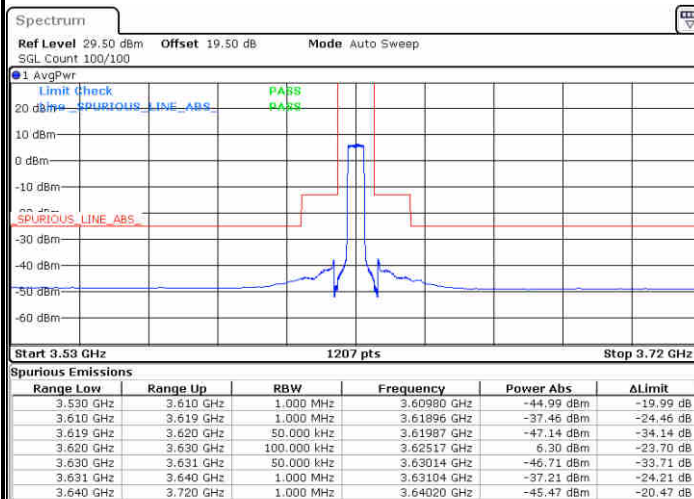
Date: 22.JUL.2020 23:19:43

Middle Channel / 1RBmax



Date: 22.JUL.2020 23:22:21

Middle Channel / FullIRB



Date: 22.JUL.2020 23:01:40

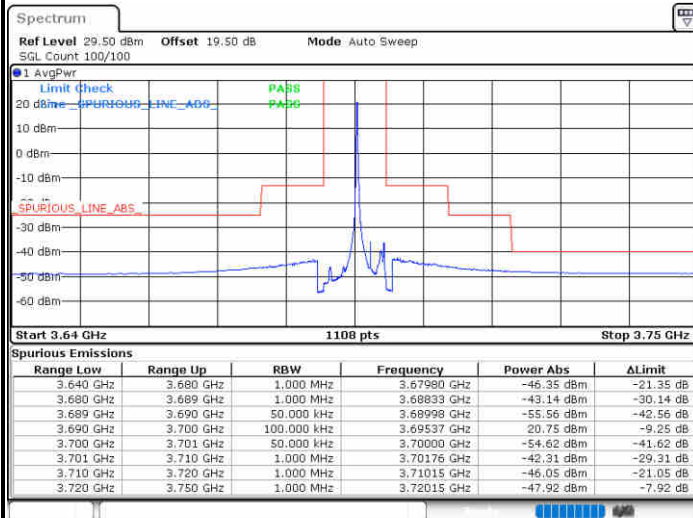
N/A



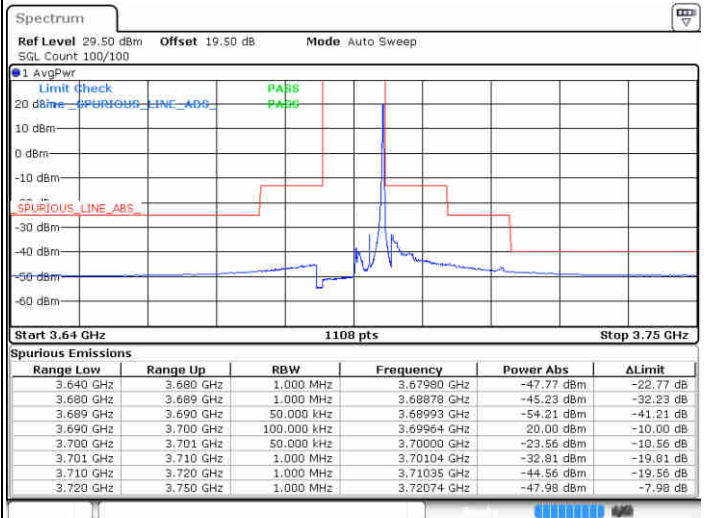
LTE Band 48 / 5MHz

QPSK

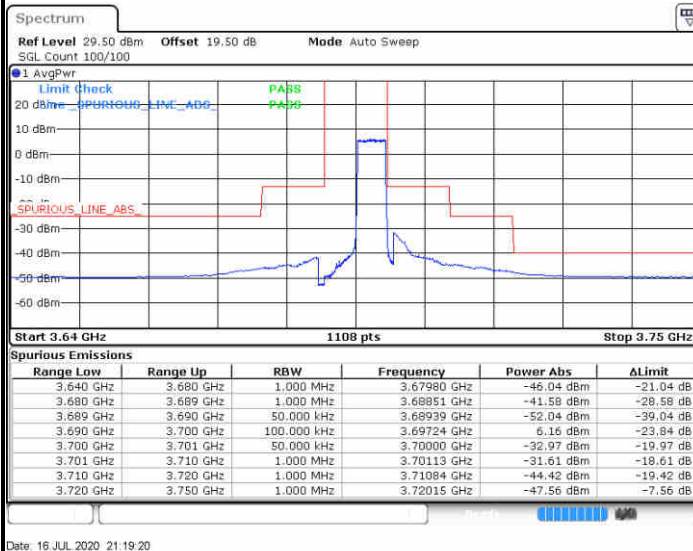
Highest Channel / 1RB0



Highest Channel / 1RBmax



Highest Channel / FullIRB



N/A

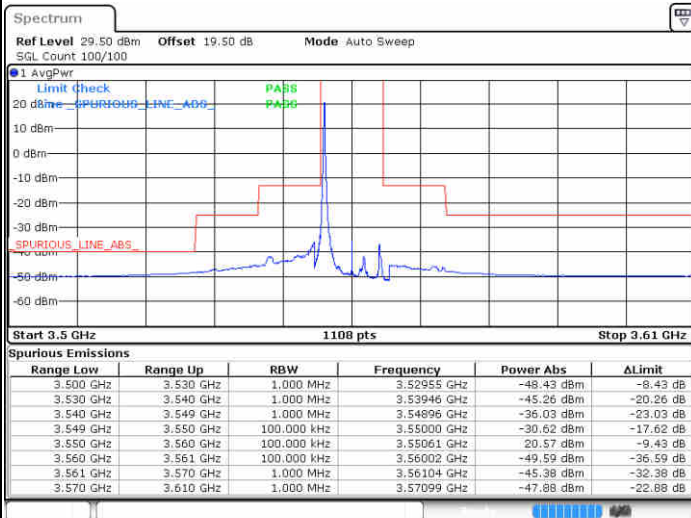


LTE Band 48 / 10MHz

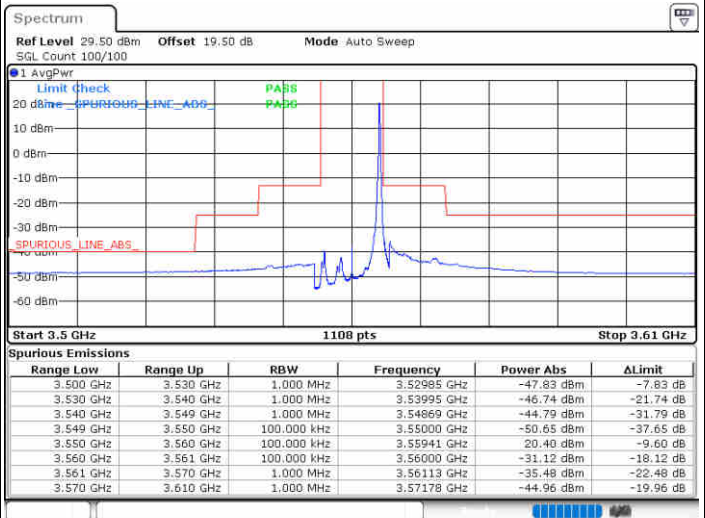
QPSK

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



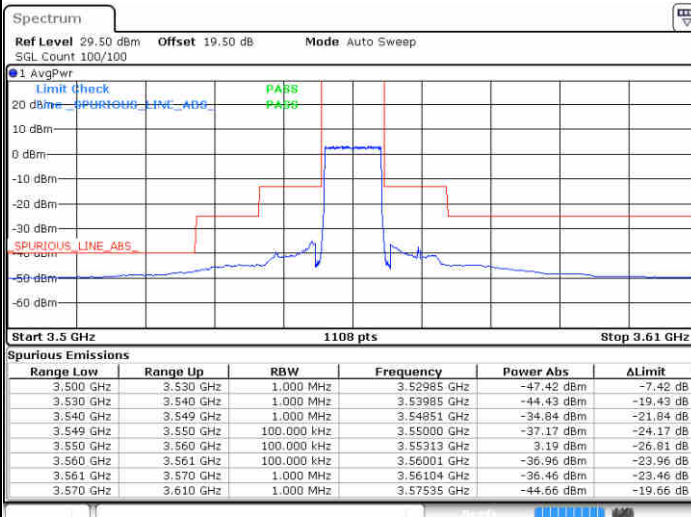
Date: 16 JUL 2020 22:19:13



Date: 23 JUL 2020 00:17:39

Lowest Channel / FullRB

N/A



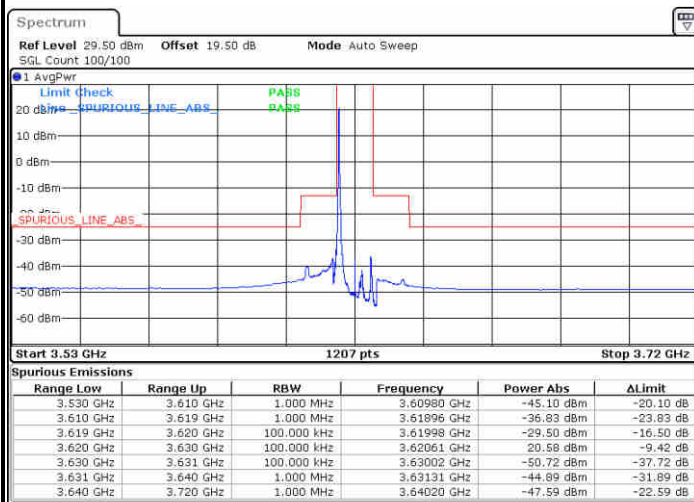
Date: 16 JUL 2020 21:37:50



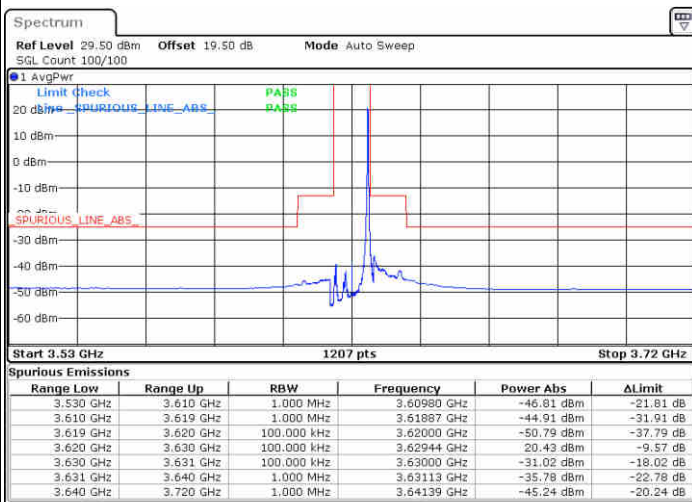
LTE Band 48 / 10MHz

QPSK

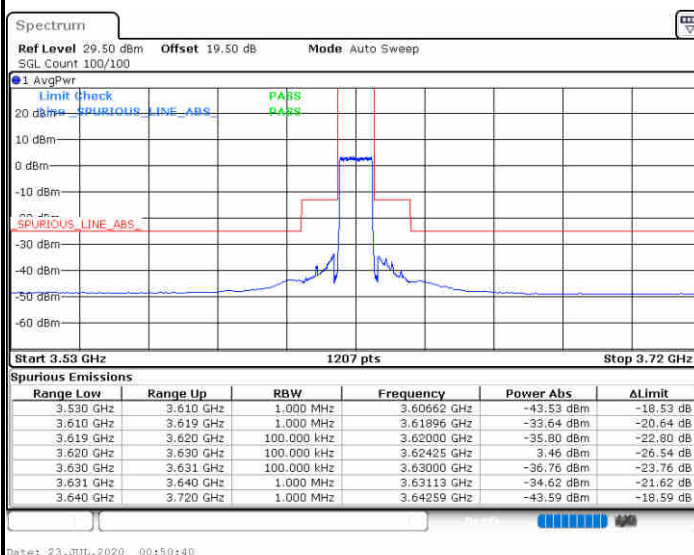
MiddleChannel / 1RB0



Middle Channel / 1RBmax



Middle Channel / FullRB



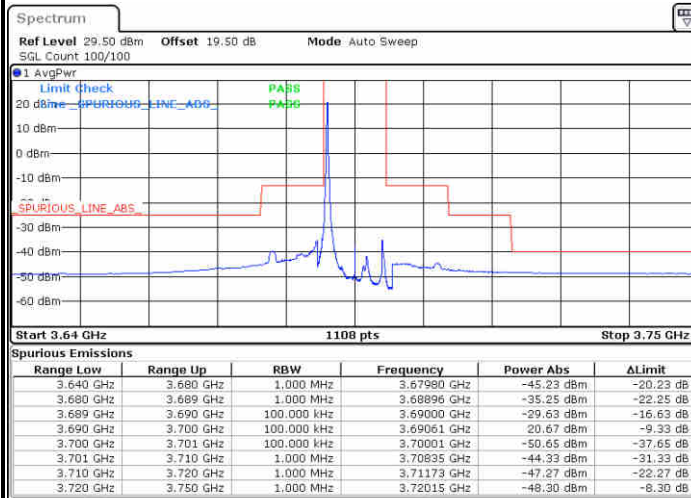
N/A



LTE Band 48 / 10MHz

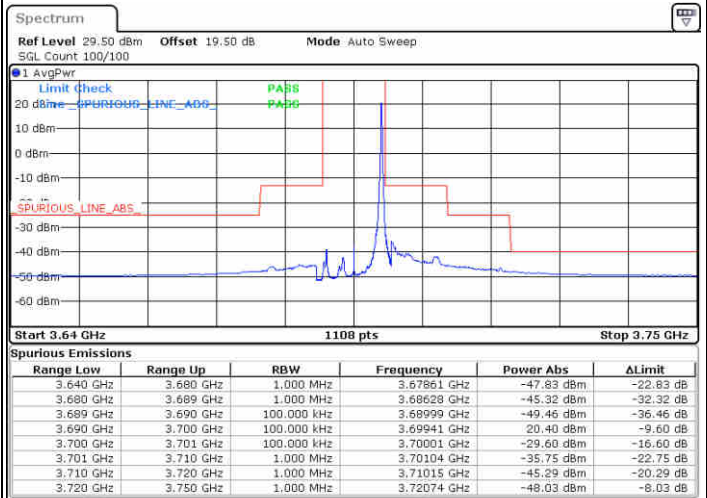
QPSK

Highest Channel / 1RB0



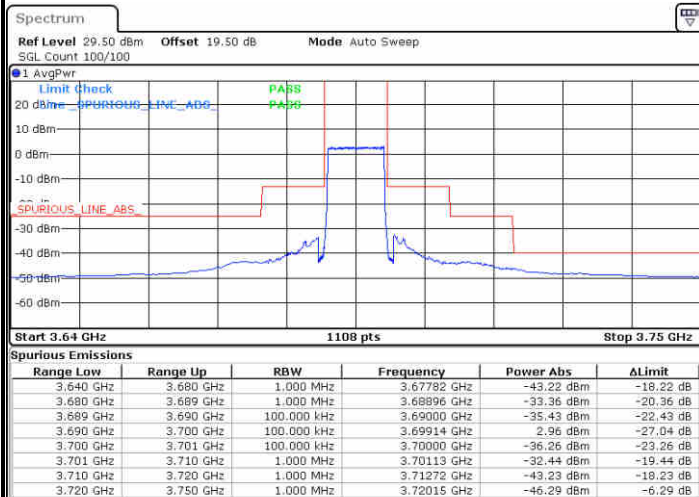
Date: 23 JUL 2020 01:00:53

Highest Channel / 1RBmax



Date: 16 JUL 2020 22:11:23

Highest Channel / FullIRB



Date: 16 JUL 2020 22:07:44

N/A

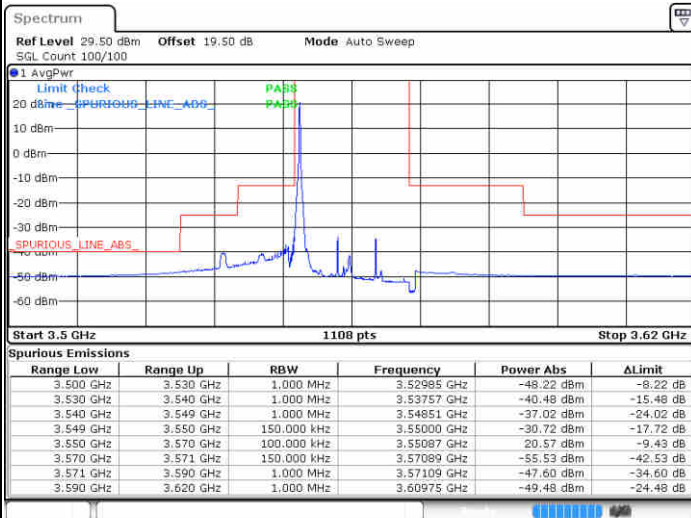


LTE Band 48 / 15MHz

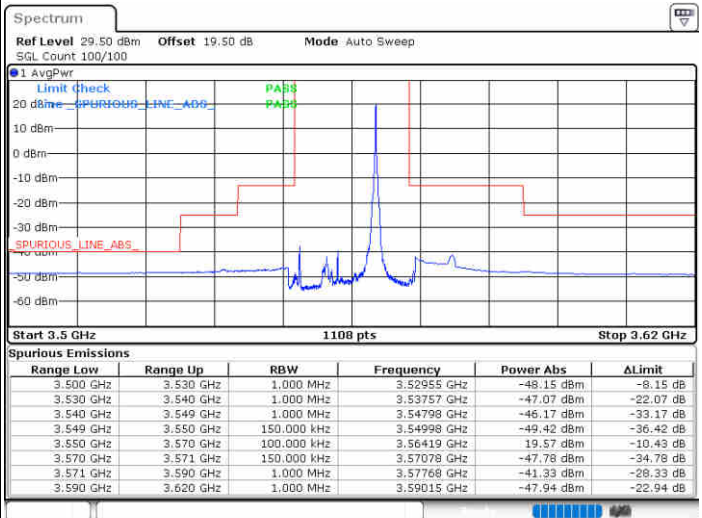
QPSK

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



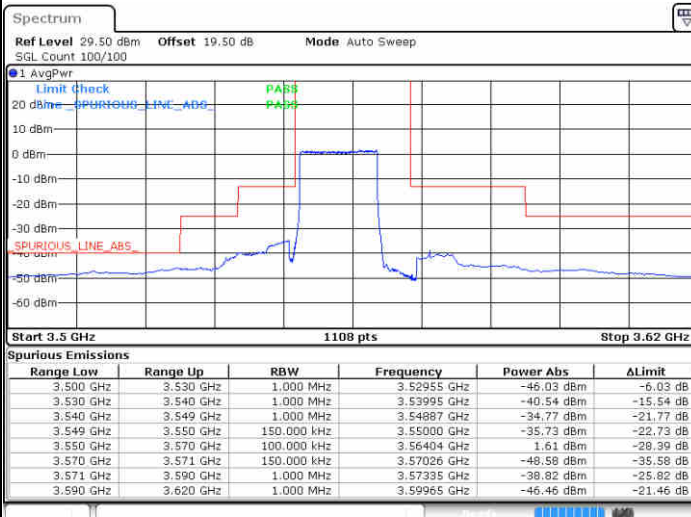
Date: 16 JUL 2020 22:27:11



Date: 23 JUL 2020 19:46:57

Lowest Channel / FullRB

N/A



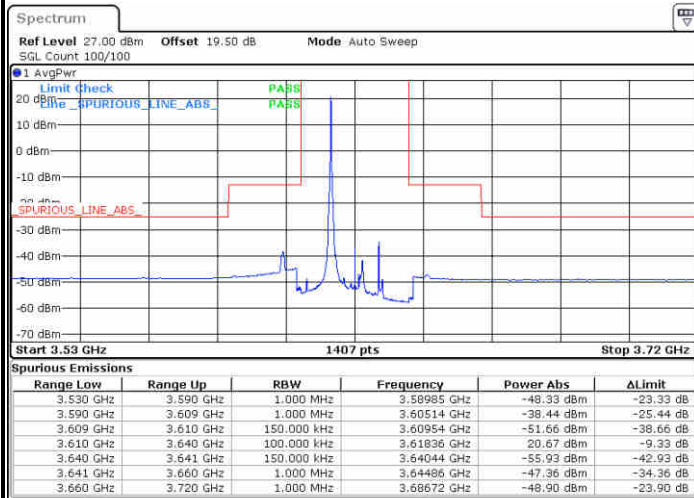
Date: 16 JUL 2020 22:26:03



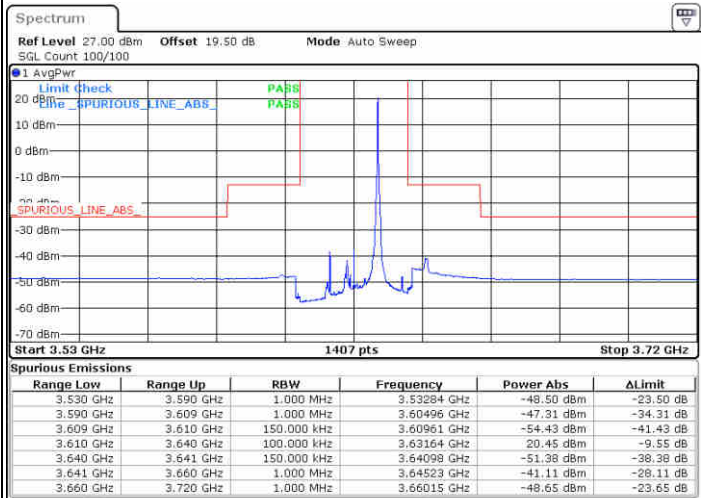
LTE Band 48 / 15MHz

QPSK

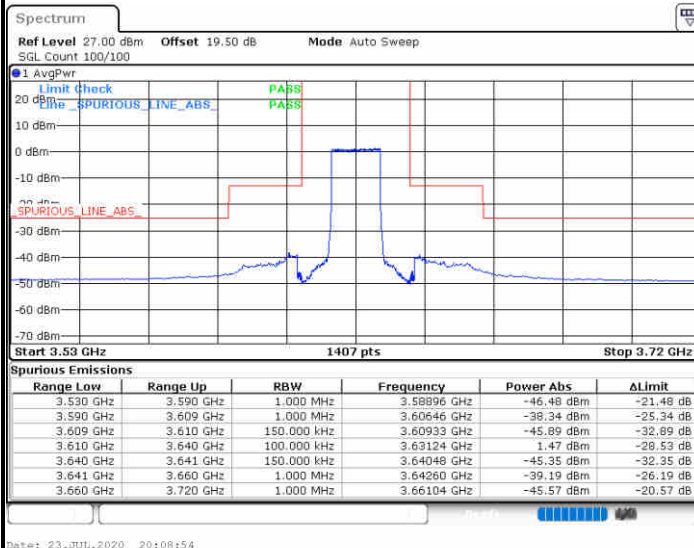
Middle Channel / 1RB0



Middle Channel / 1RBmax



Middle Channel / FullIRB



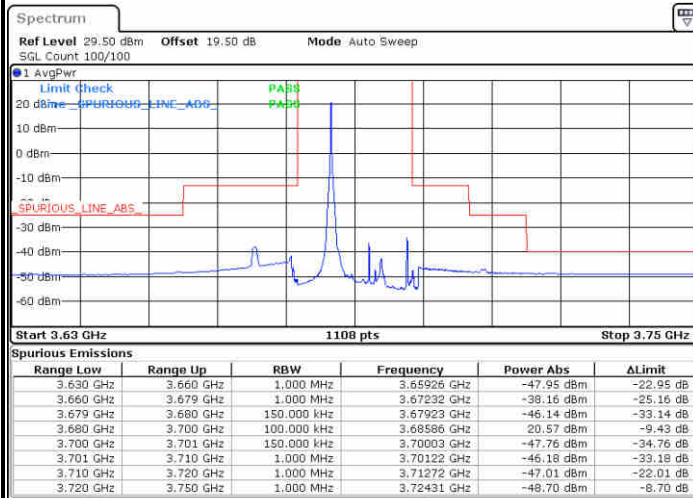
N/A



LTE Band 48 / 15MHz

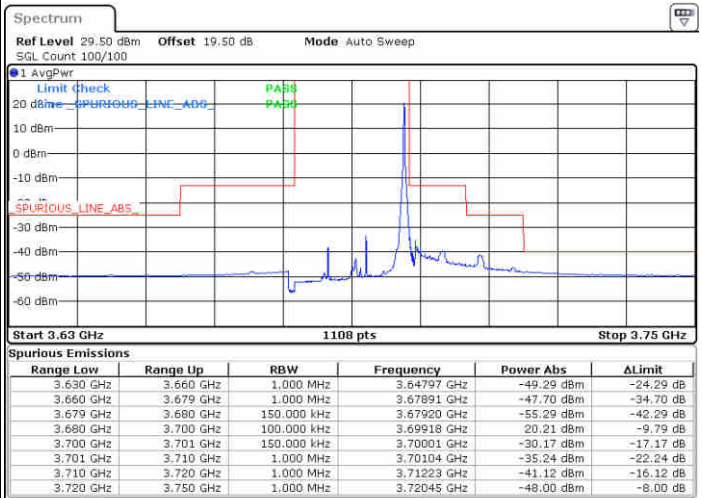
QPSK

Highest Channel / 1RB0



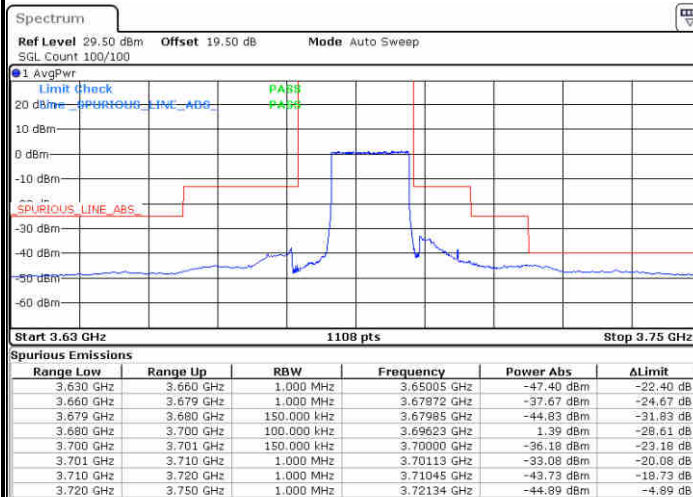
Date: 23.JUL.2020 21:18:08

Highest Channel / 1RBmax



Date: 16.JUL.2020 22:51:51

Highest Channel / FullIRB



Date: 16.JUL.2020 22:49:56

N/A

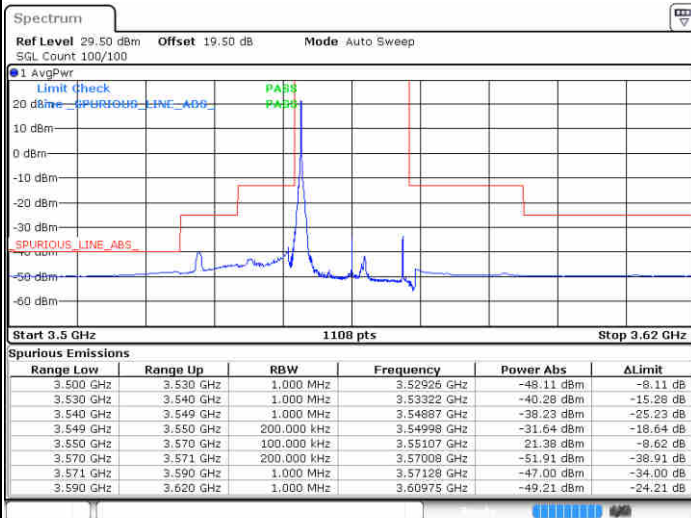


LTE Band 48 / 20MHz

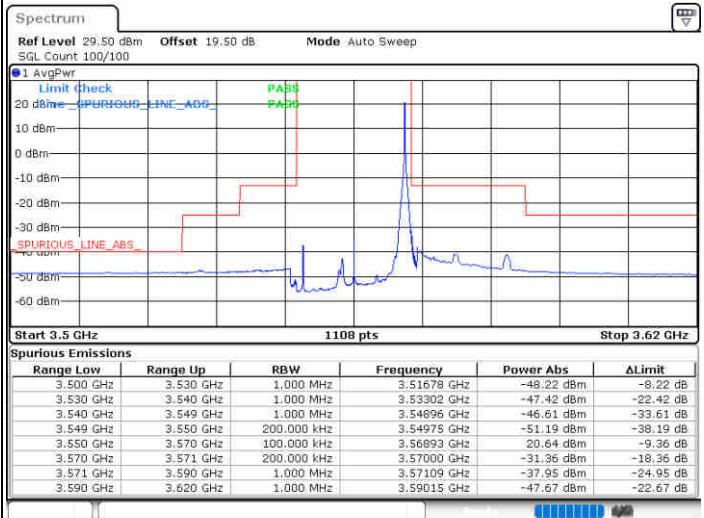
QPSK

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



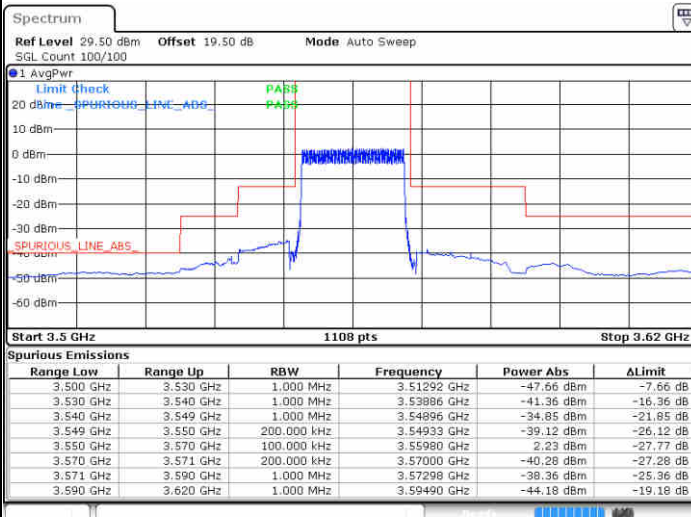
Date: 16 JUL 2020 23:21:17



Date: 23 JUL 2020 21:38:25

Lowest Channel / FullRB

N/A



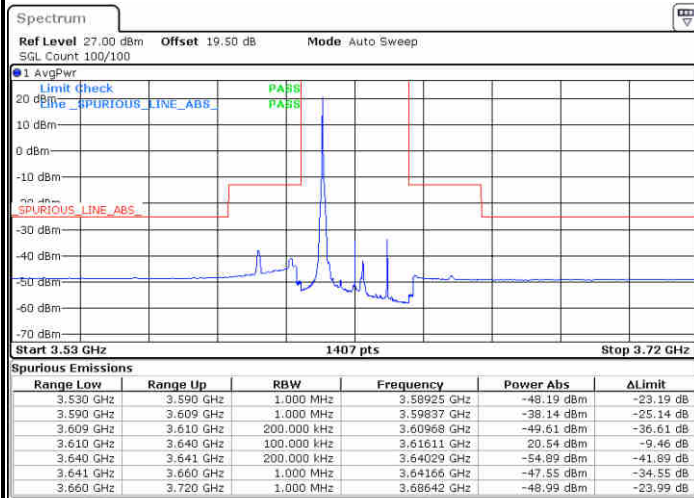
Date: 16 JUL 2020 23:15:18



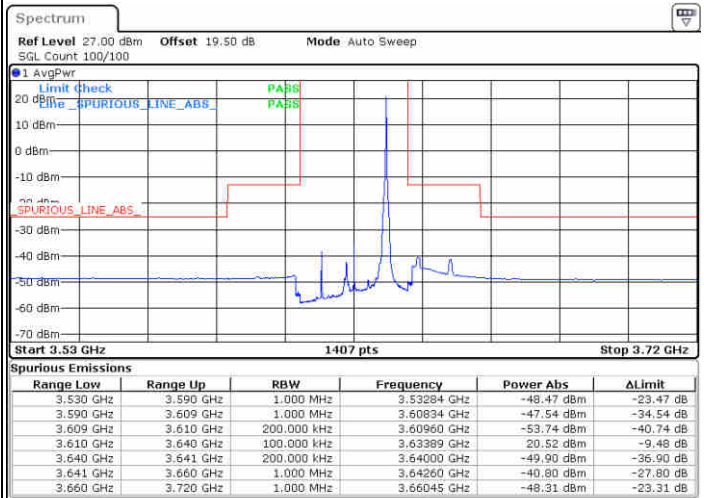
LTE Band 48 / 20MHz

QPSK

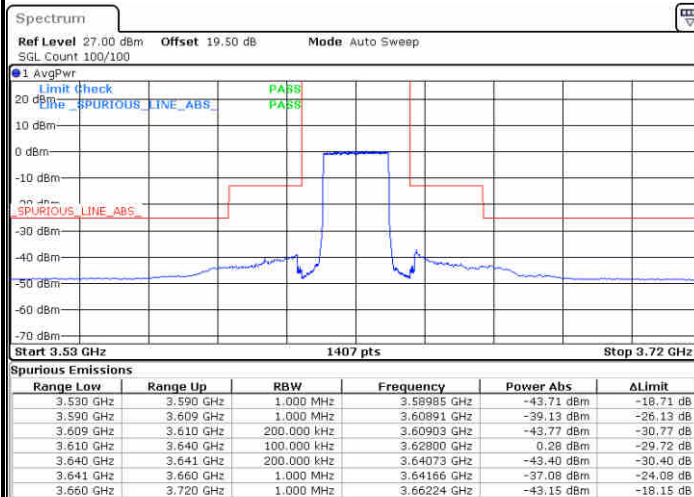
Middle Channel / 1RB0



Middle Channel / 1RBmax



Middle Channel / FullRB



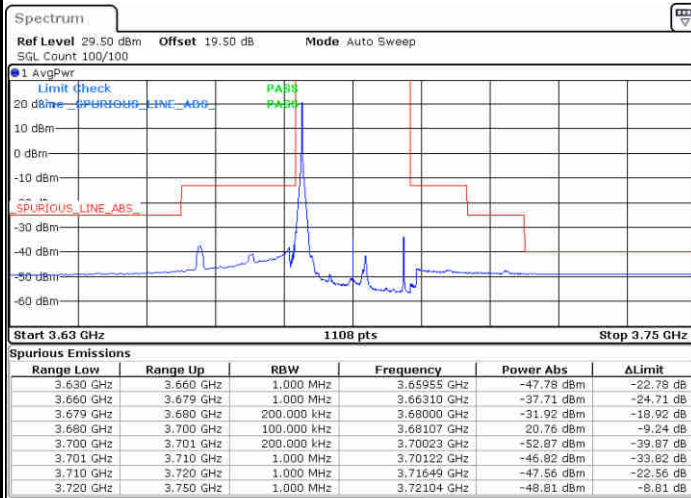
N/A



LTE Band 48 / 20MHz

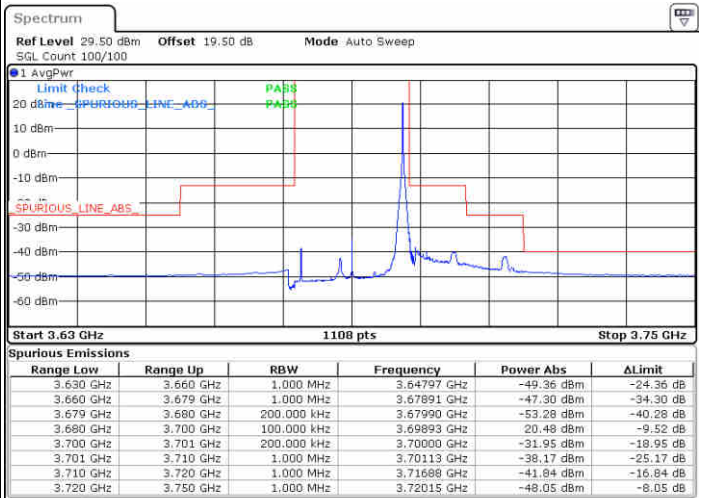
QPSK

Highest Channel / 1RB0



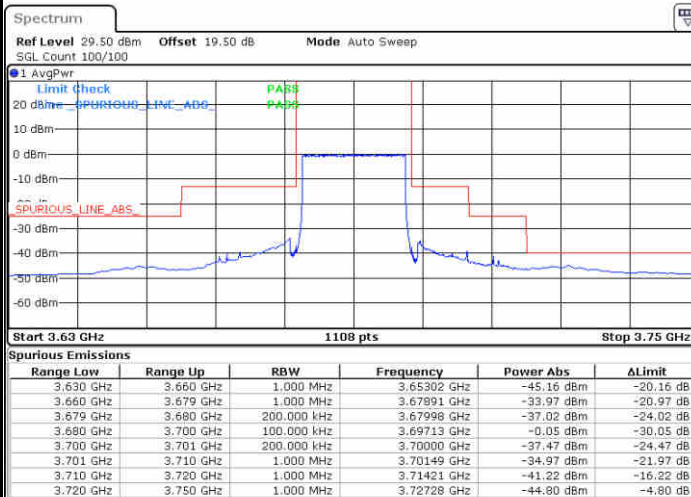
Date: 23.JUL.2020 22:27:16

Highest Channel / 1RBmax



Date: 16.JUL.2020 23:57:01

Highest Channel / FullIRB



Date: 17.JUL.2020 00:12:41

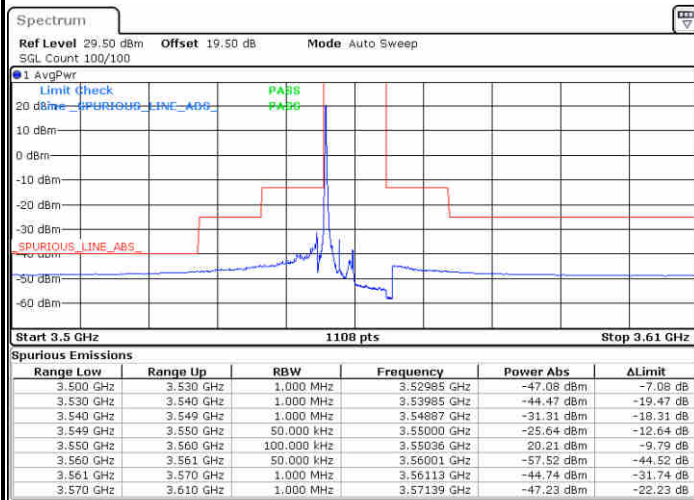
N/A



LTE Band 48 / 5MHz

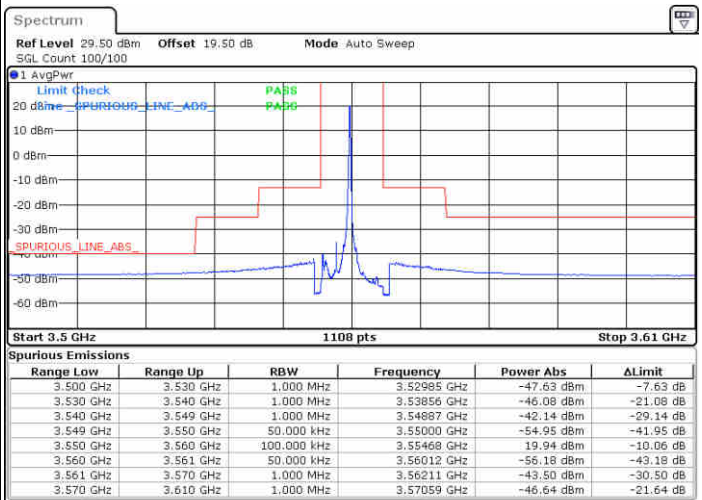
16QAM

Lowest Channel / 1RB0



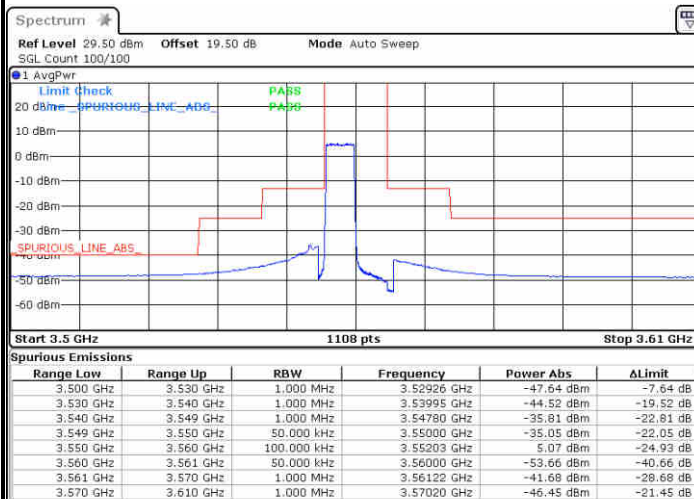
Date: 22.JUL.2020 22:47:21

Lowest Channel / 1RBmax



Date: 22.JUL.2020 22:56:42

Lowest Channel / FullRB



Date: 22.JUL.2020 22:39:59

N/A

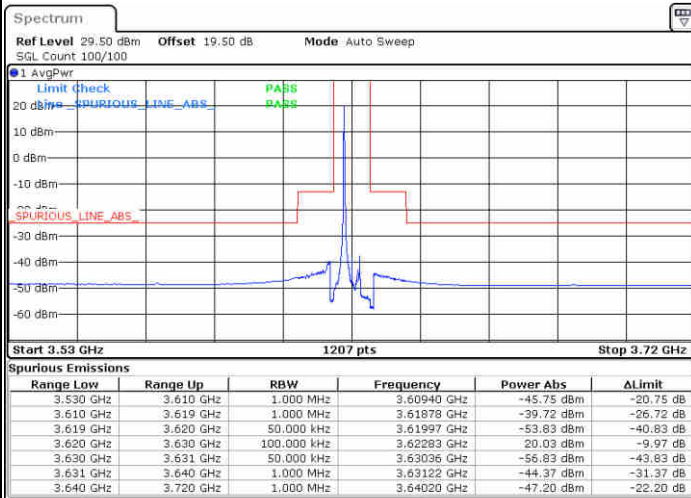


LTE Band 48 / 5MHz

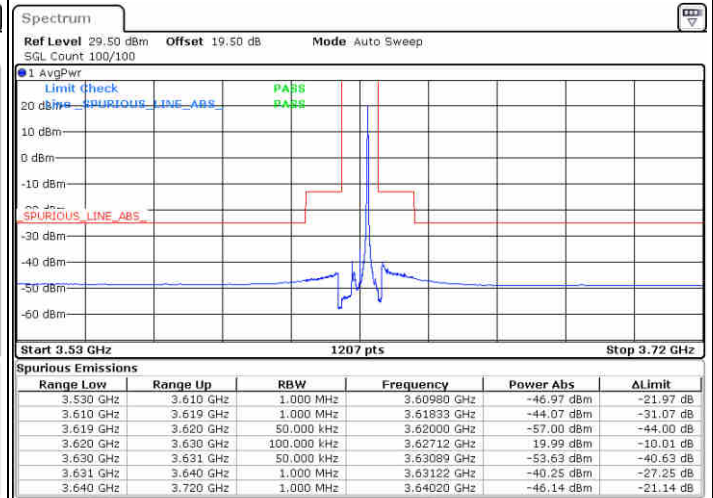
16QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



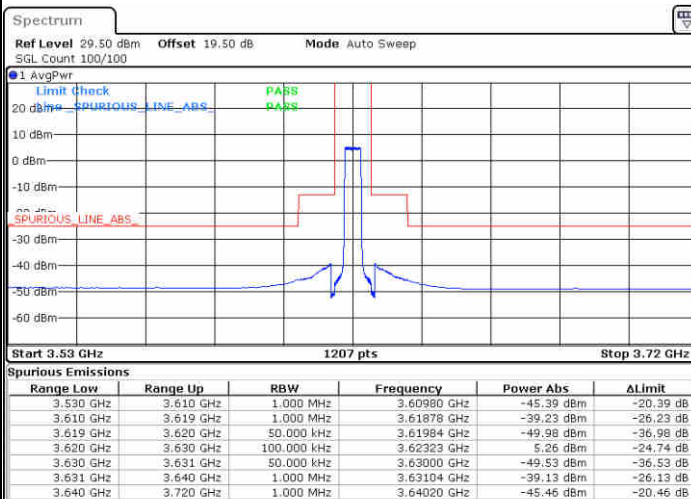
Date: 22.JUL.2020 23:17:44



Date: 22.JUL.2020 23:24:31

Middle Channel / FullIRB

N/A



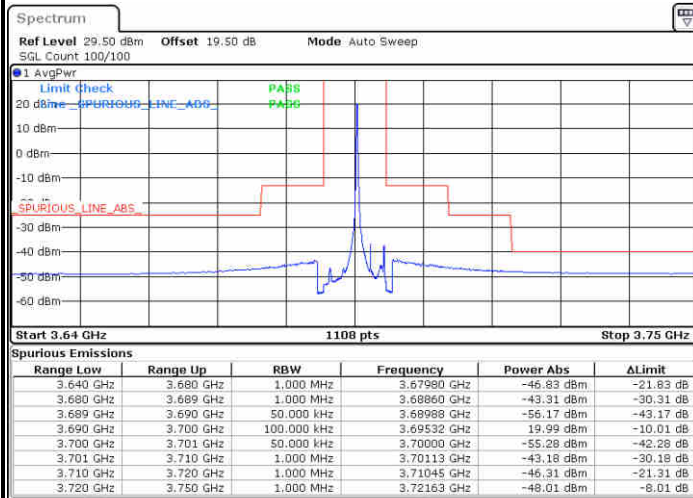
Date: 22.JUL.2020 23:04:09



LTE Band 48 / 5MHz

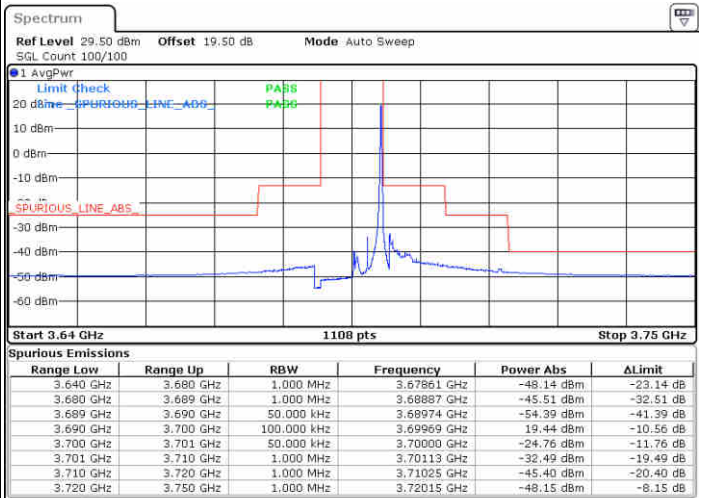
16QAM

Highest Channel / 1RB0



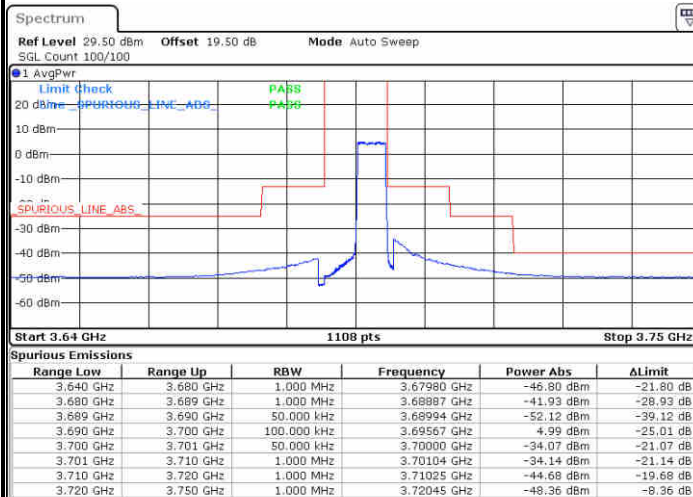
Date: 23 JUL 2020 01:16:48

Highest Channel / 1RBmax



Date: 16 JUL 2020 21:16:17

Highest Channel / FullIRB



Date: 16 JUL 2020 21:20:57

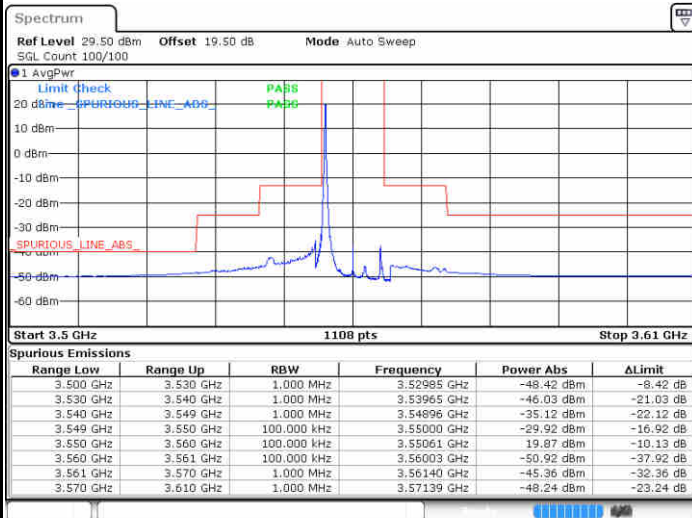
N/A



LTE Band 48 / 10MHz

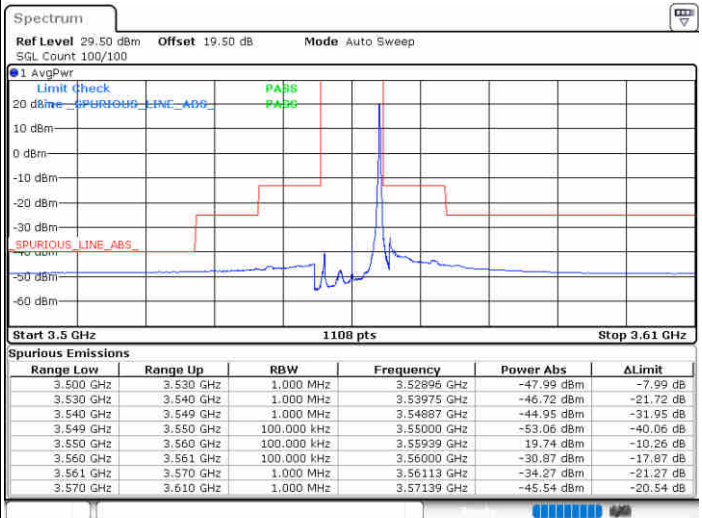
16QAM

Lowest Channel / 1RB0



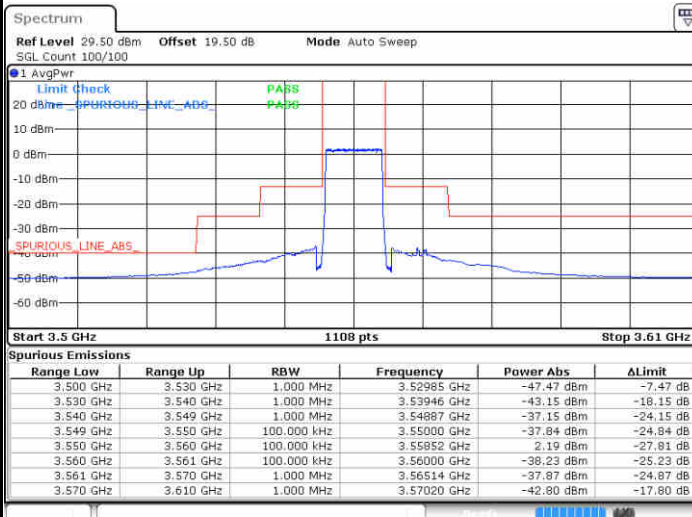
Date: 16 JUL 2020 22:19:53

Lowest Channel / 1RBmax



Date: 23 JUL 2020 00:19:45

Lowest Channel / FullRB



Date: 16 JUL 2020 21:39:12

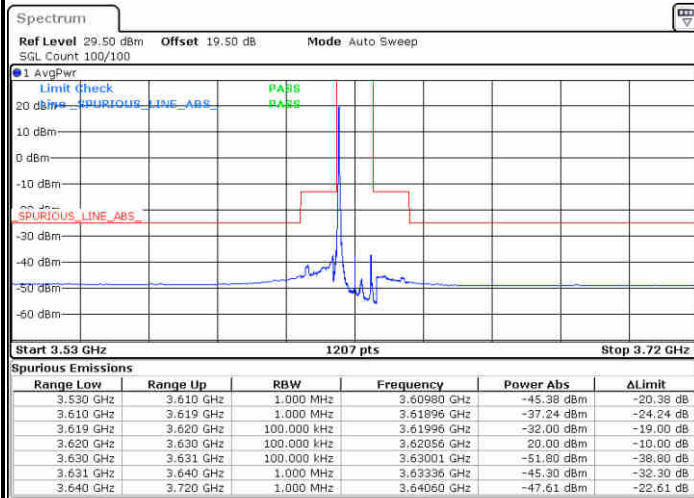
N/A



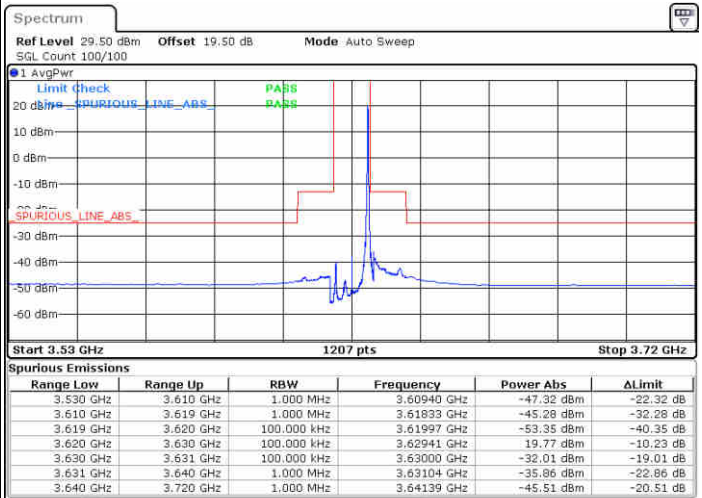
LTE Band 48 / 10MHz

16QAM

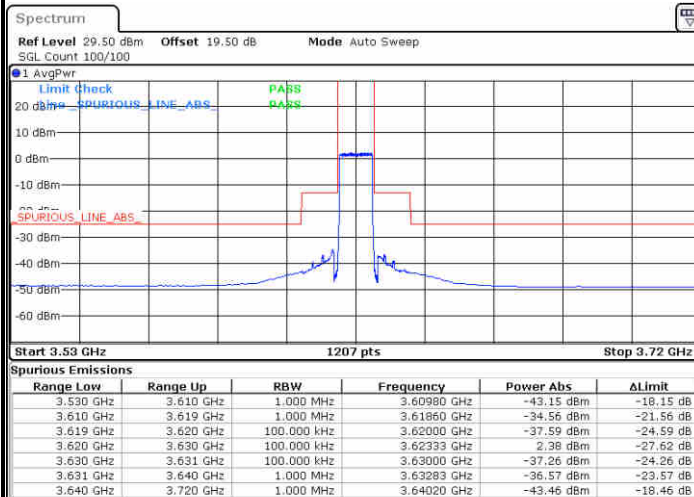
MiddleChannel / 1RB0



Middle Channel / 1RBmax



Middle Channel / FullIRB



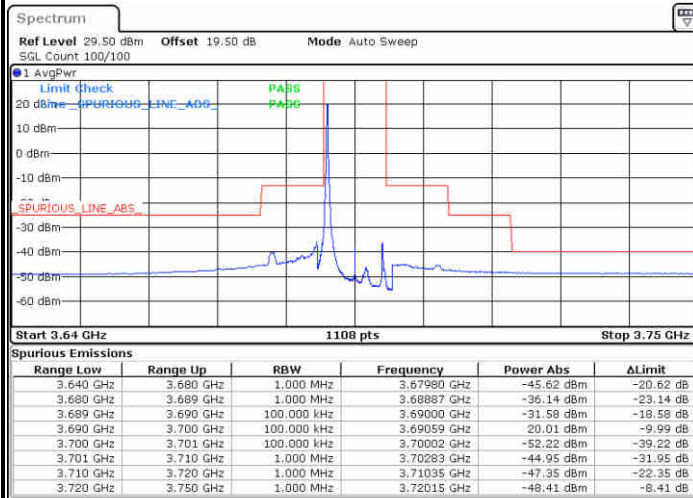
N/A



LTE Band 48 / 10MHz

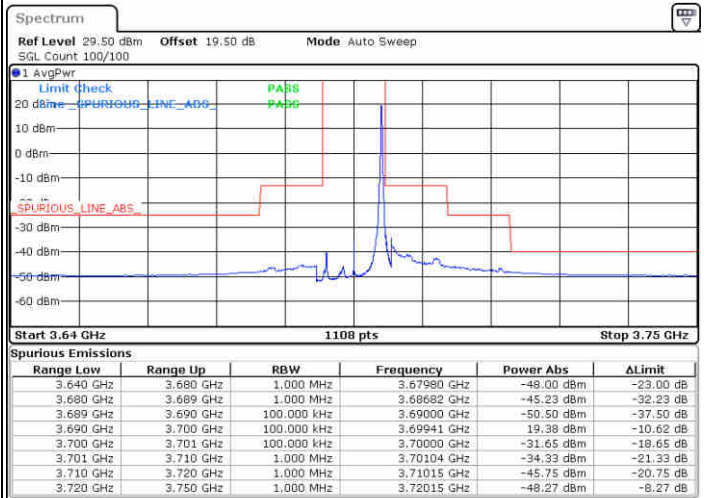
16QAM

Highest Channel / 1RB0



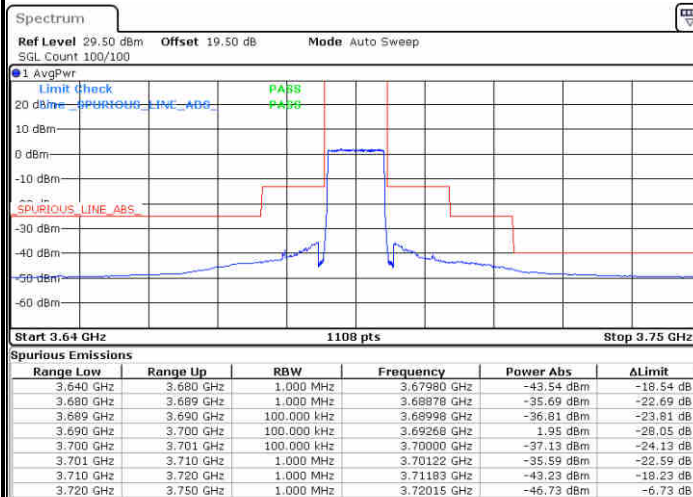
Date: 23.JUL.2020 00:59:11

Highest Channel / 1RBmax



Date: 16.JUL.2020 22:10:42

Highest Channel / FullIRB



Date: 16.JUL.2020 22:08:33

N/A

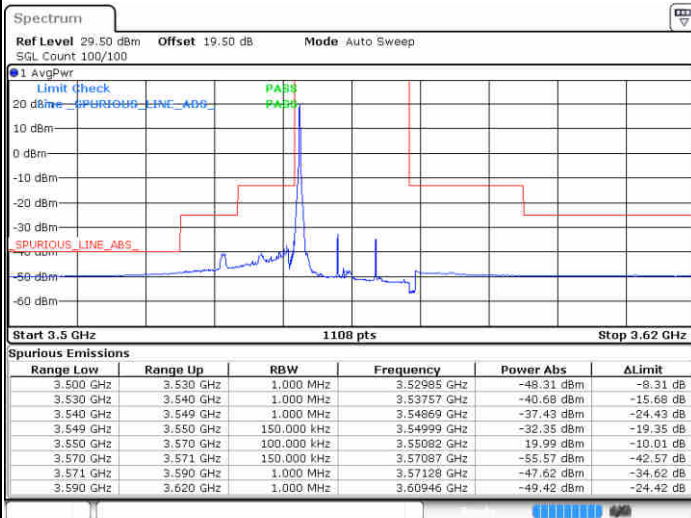


LTE Band 48 / 15MHz

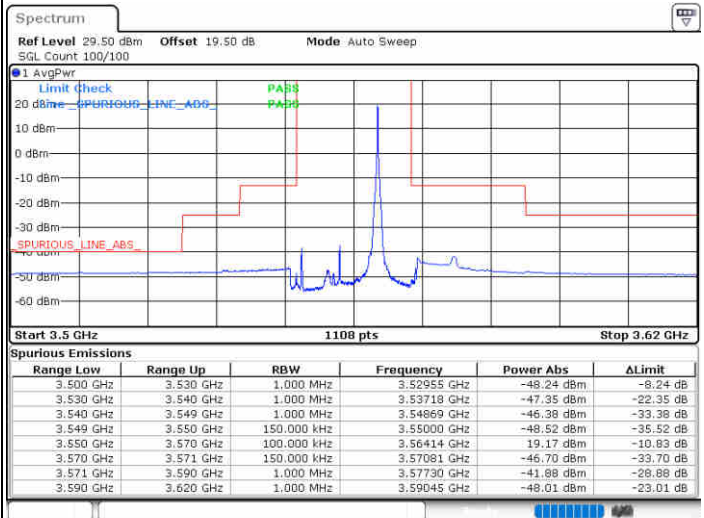
16QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



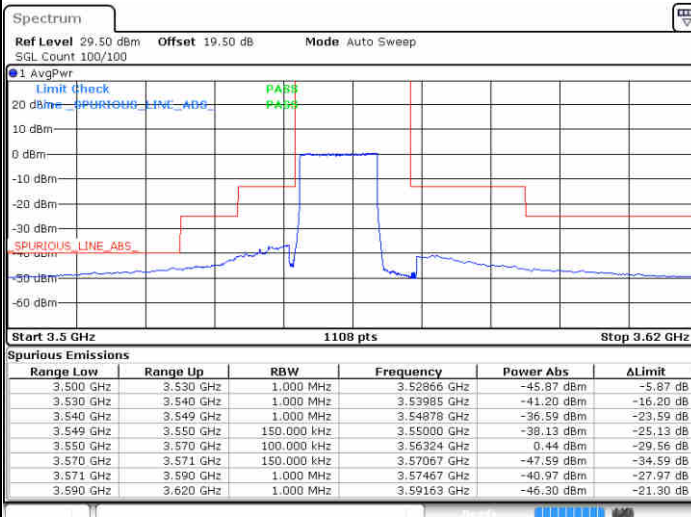
Date: 16 JUL 2020 22:30:17



Date: 23 JUL 2020 19:59:21

Lowest Channel / FullRB

N/A



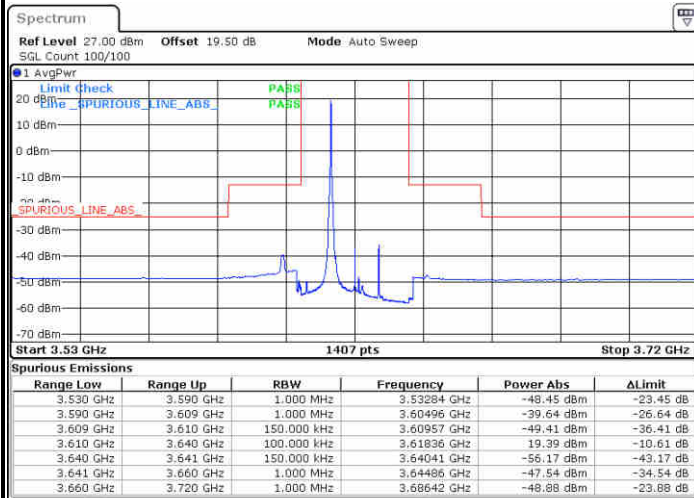
Date: 16 JUL 2020 22:25:04



LTE Band 48 / 15MHz

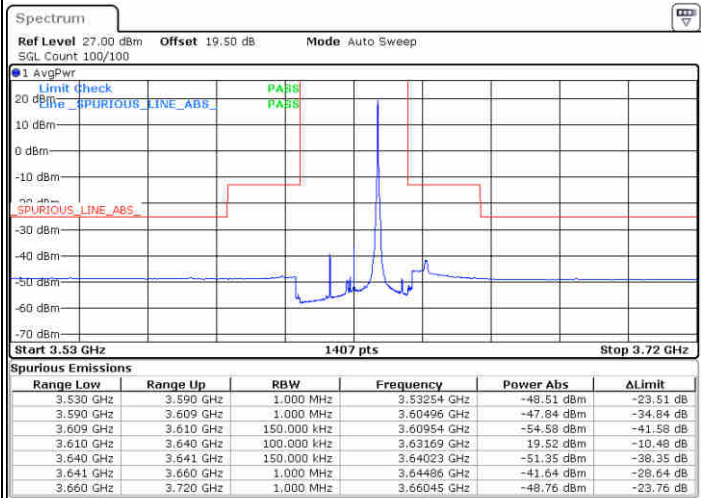
16QAM

Middle Channel / 1RB0



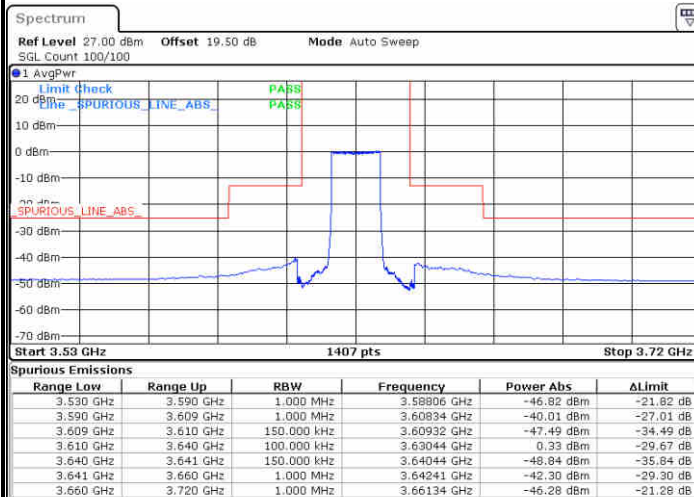
Date: 23.JUL.2020 20:25:31

Middle Channel / 1RBmax



Date: 23.JUL.2020 20:54:10

Middle Channel / FullIRB



Date: 23.JUL.2020 20:17:41

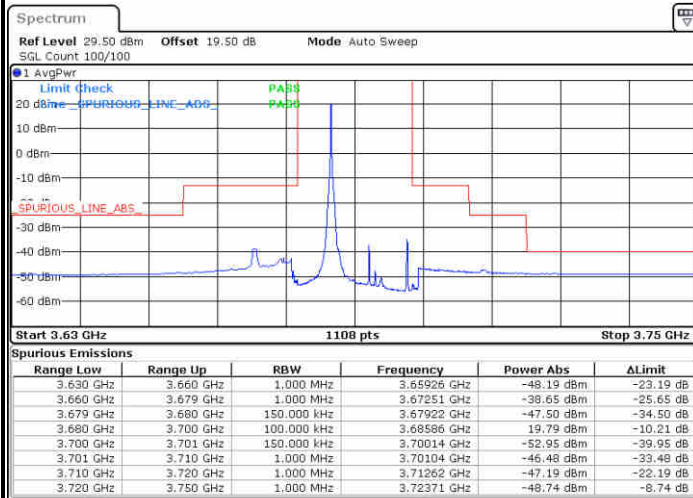
N/A



LTE Band 48 / 15MHz

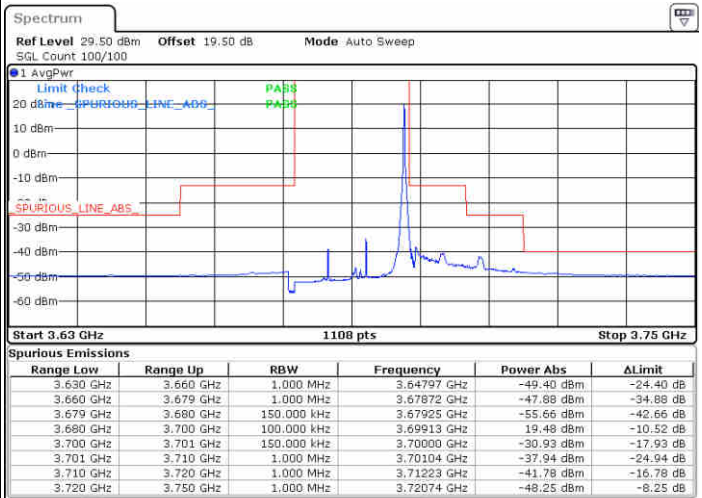
16QAM

Highest Channel / 1RB0



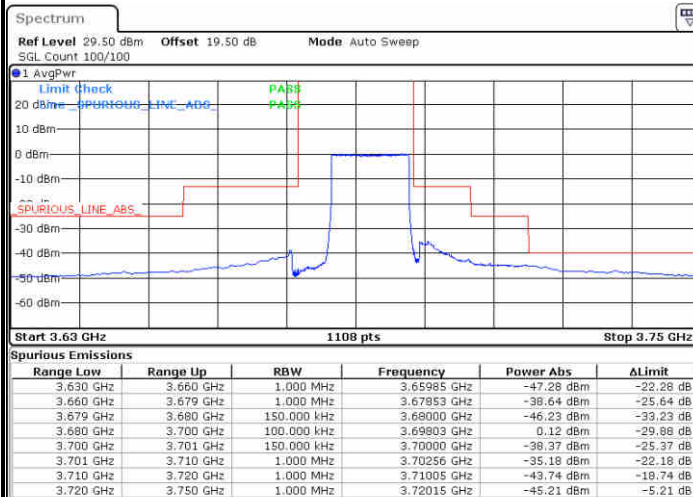
Date: 23.JUL.2020 21:13:58

Highest Channel / 1RBmax



Date: 16.JUL.2020 22:53:21

Highest Channel / FullIRB



Date: 16.JUL.2020 22:48:38

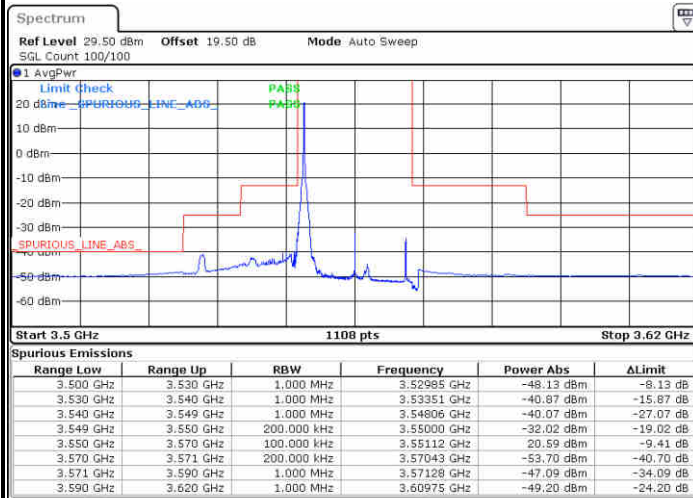
N/A



LTE Band 48 / 20MHz

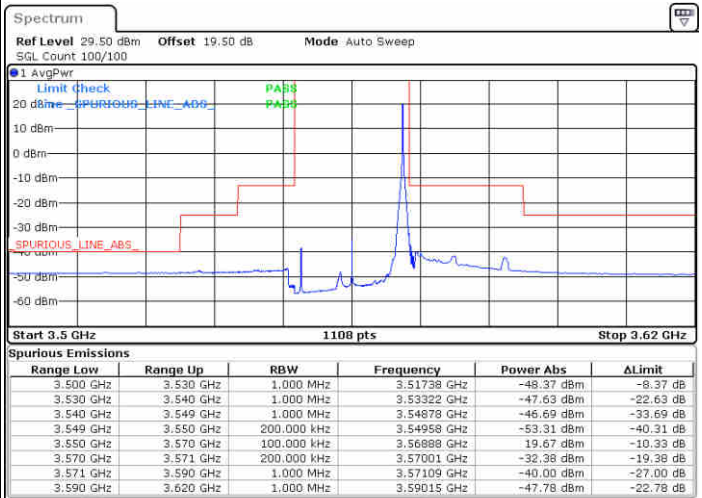
16QAM

Lowest Channel / 1RB0



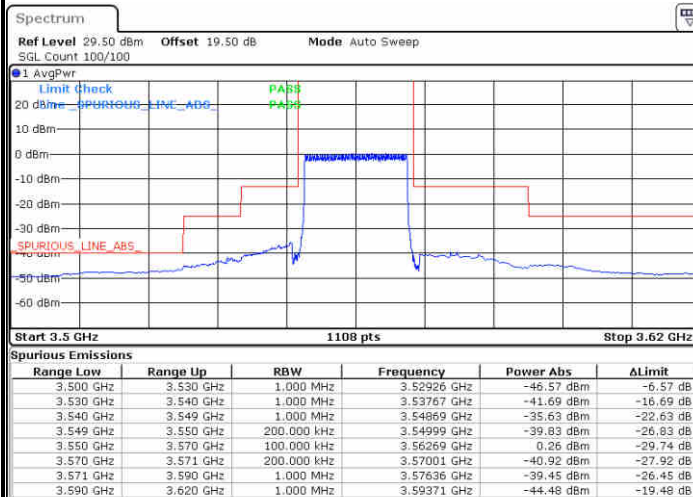
Date: 16 JUL 2020 23:19:26

Lowest Channel / 1RBmax



Date: 23 JUL 2020 21:40:41

Lowest Channel / FullRB



Date: 16 JUL 2020 23:16:22

N/A

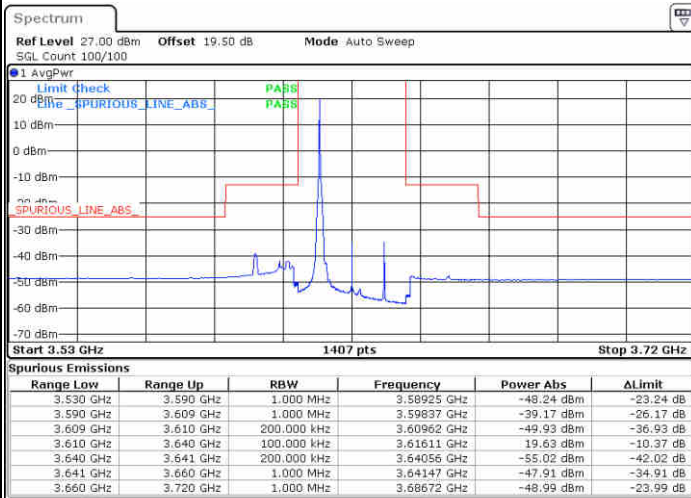


LTE Band 48 / 20MHz

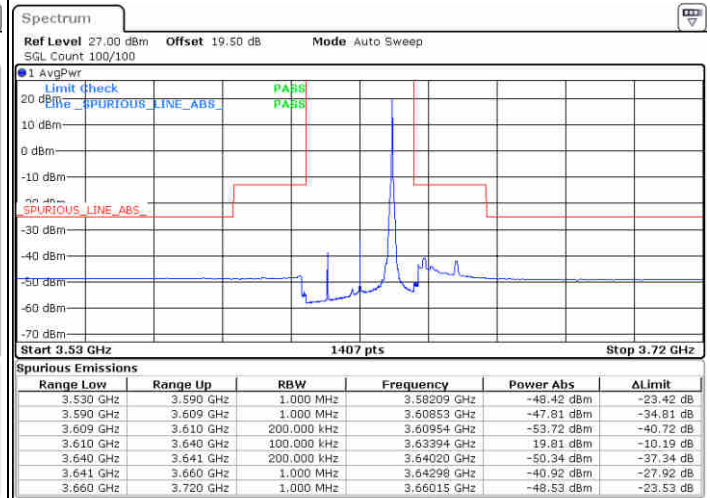
16QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



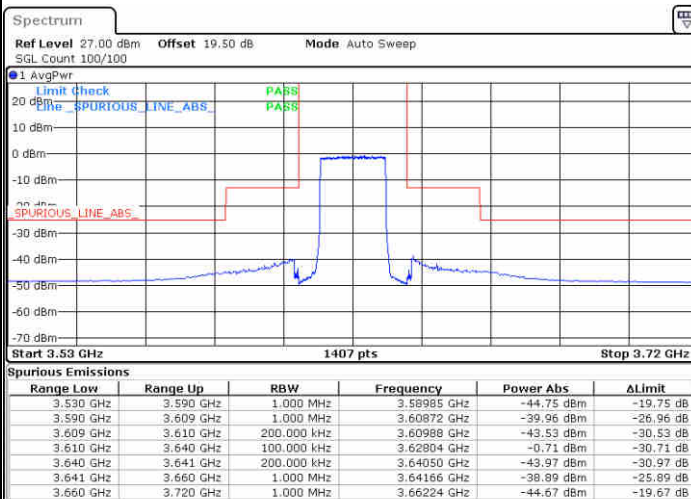
Date: 23.JUL.2020 21:56:00



Date: 23.JUL.2020 22:04:05

Middle Channel / FullIRB

N/A



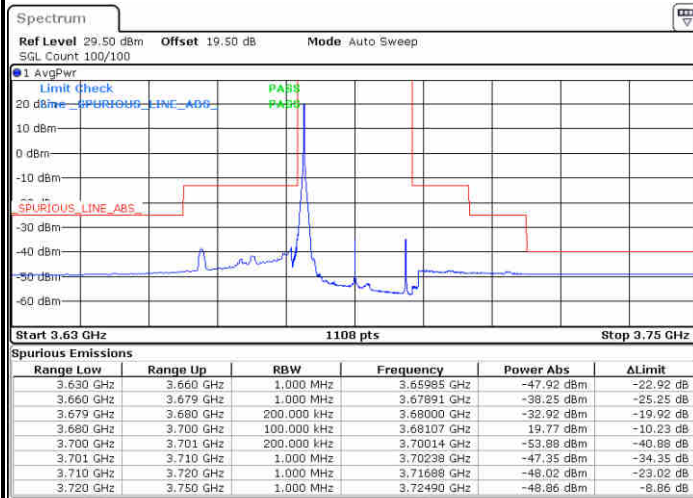
Date: 23.JUL.2020 21:48:14



LTE Band 48 / 20MHz

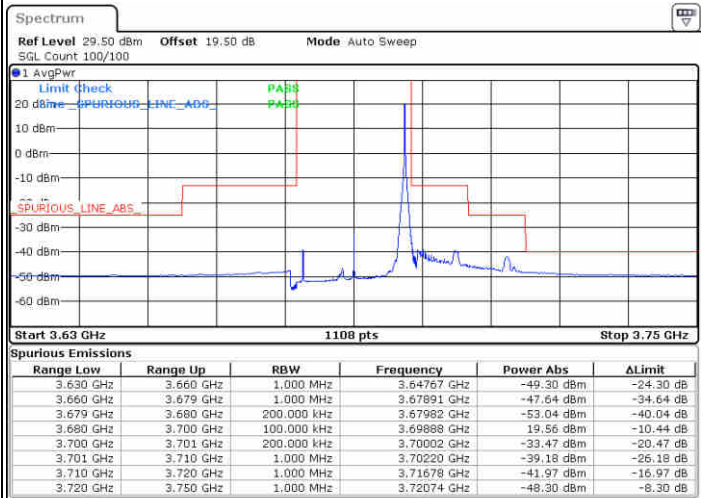
16QAM

Highest Channel / 1RB0



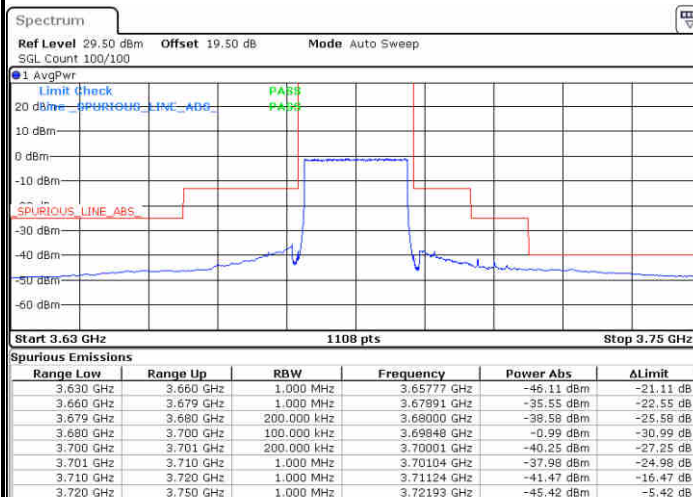
Date: 23.JUL.2020 22:24:18

Highest Channel / 1RBmax



Date: 17.JUL.2020 00:05:53

Highest Channel / FullIRB



Date: 17.JUL.2020 00:11:09

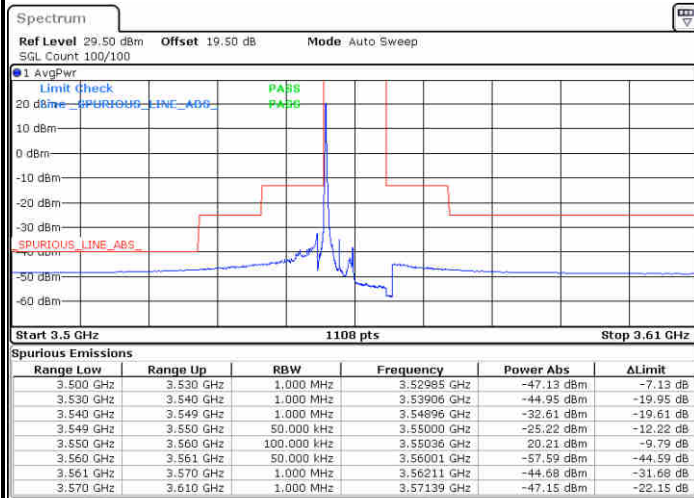
N/A



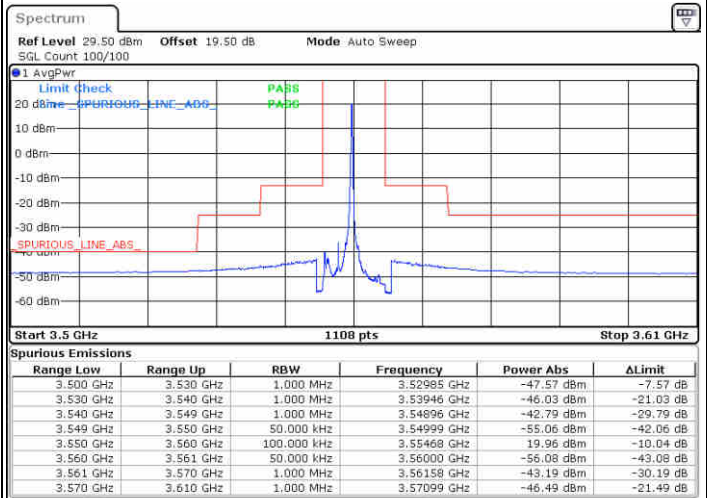
LTE Band 48 / 5MHz

64QAM

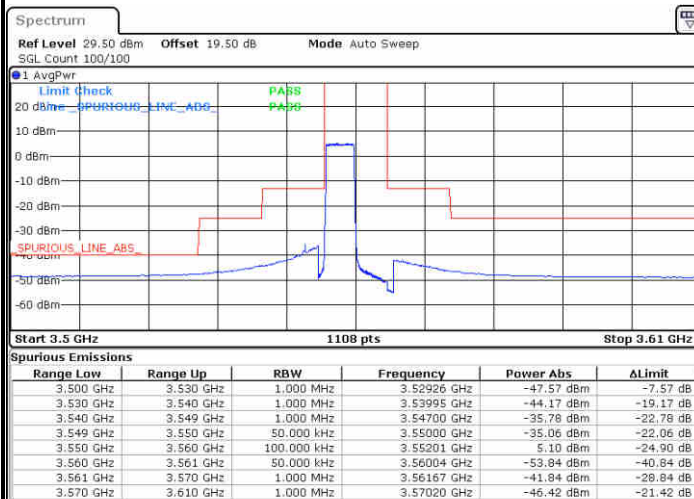
Lowest Channel / 1RB0



Lowest Channel / 1RBmax



Lowest Channel / FullIRB



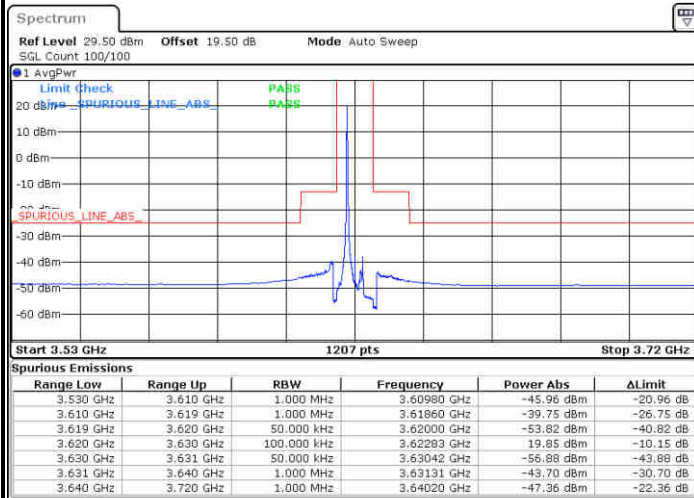
N/A



LTE Band 48 / 5MHz

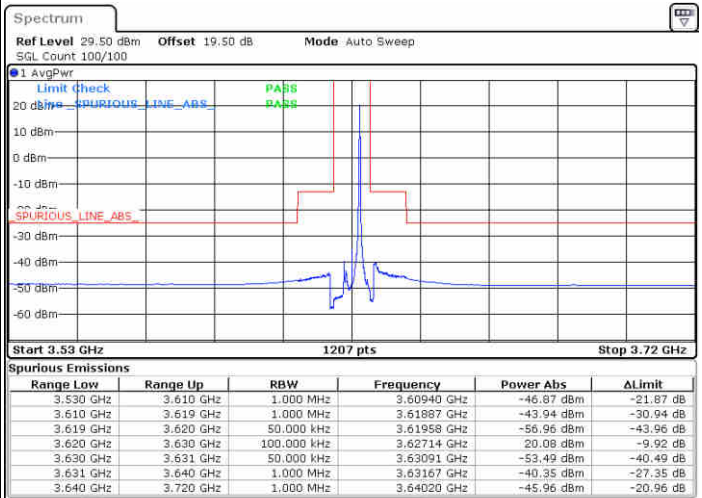
64QAM

Middle Channel / 1RB0



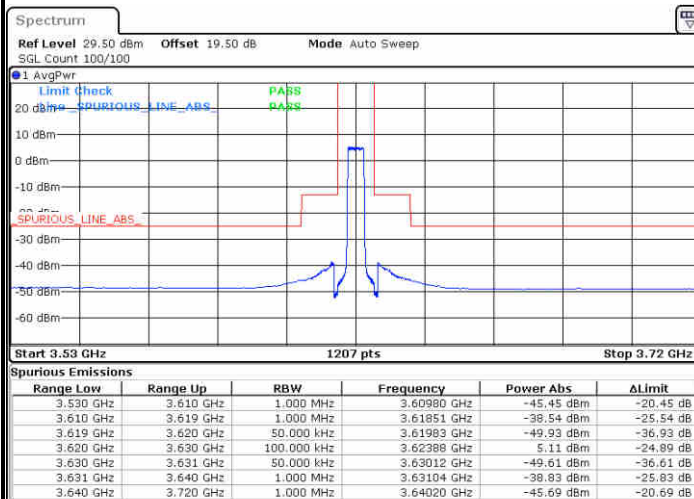
Date: 22.JUL.2020 23:09:16

Middle Channel / 1RBmax



Date: 22.JUL.2020 23:26:27

Middle Channel / FullIRB



Date: 22.JUL.2020 23:06:55

N/A

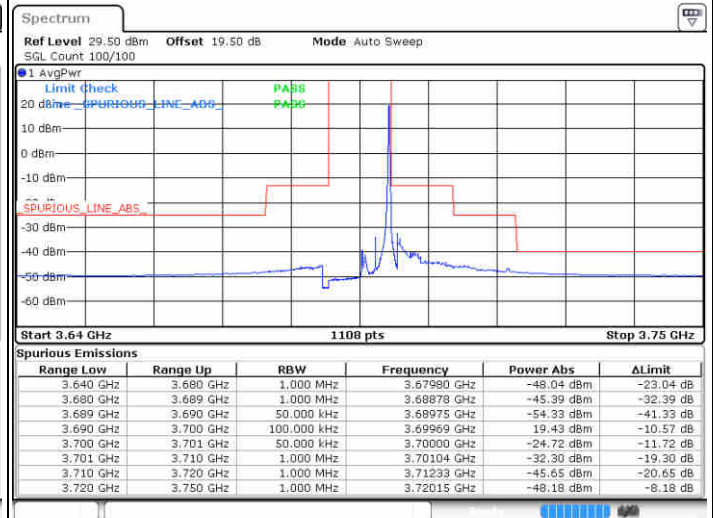
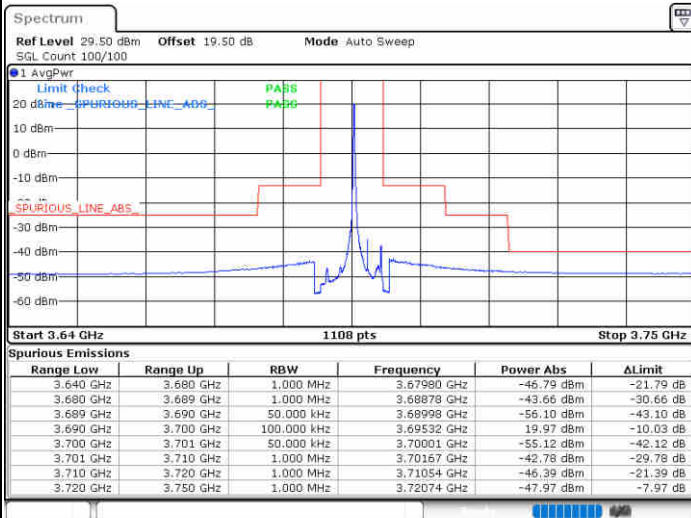


LTE Band 48 / 5MHz

64QAM

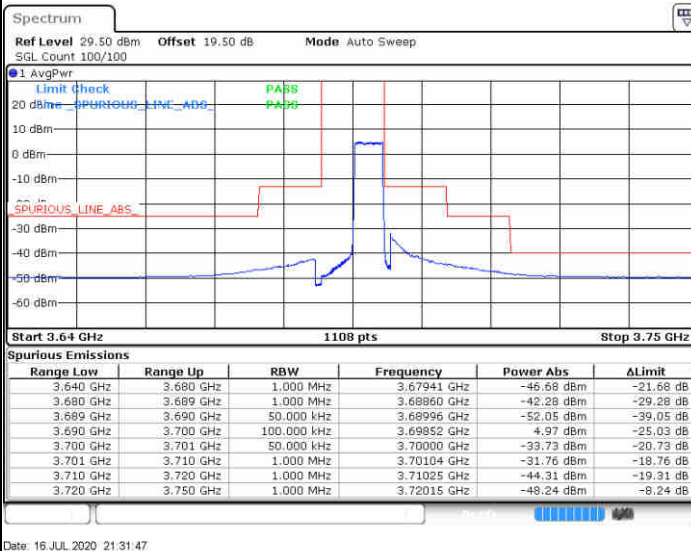
Highest Channel / 1RB0

Highest Channel / 1RBmax



Highest Channel / FullIRB

N/A



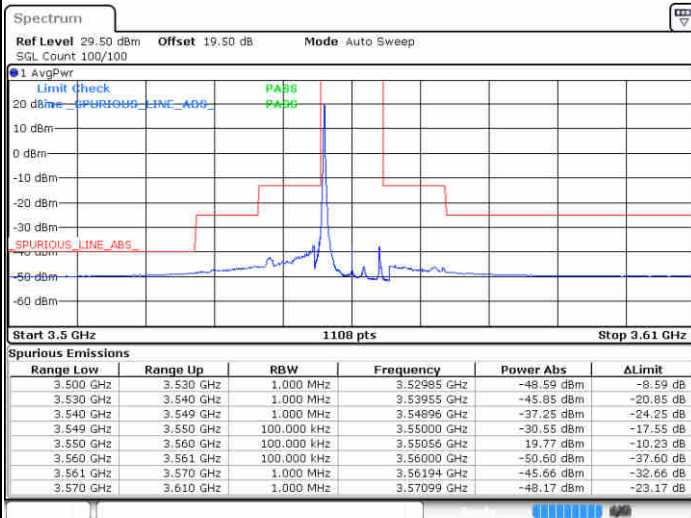


LTE Band 48 / 10MHz

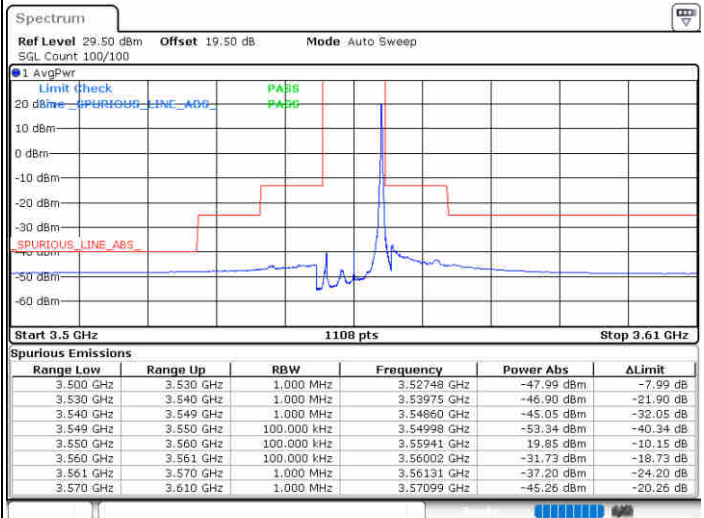
64QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



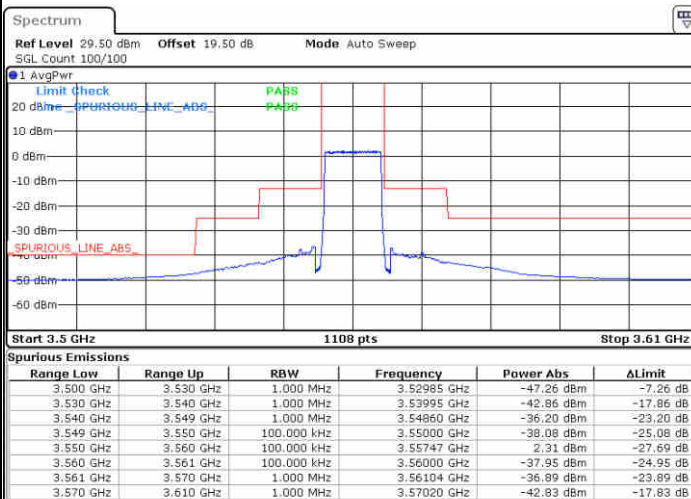
Date: 16 JUL 2020 22:20:34



Date: 23 JUL 2020 00:21:29

Lowest Channel / FullRB

N/A



Date: 16 JUL 2020 21:40:33