

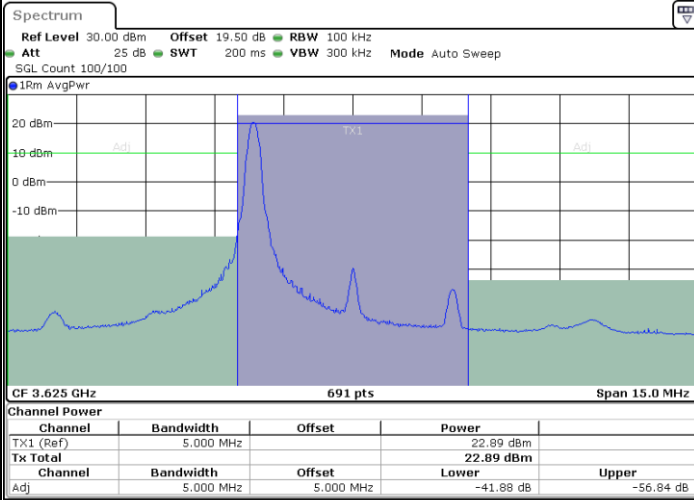


LTE Band 48 / 5MHz

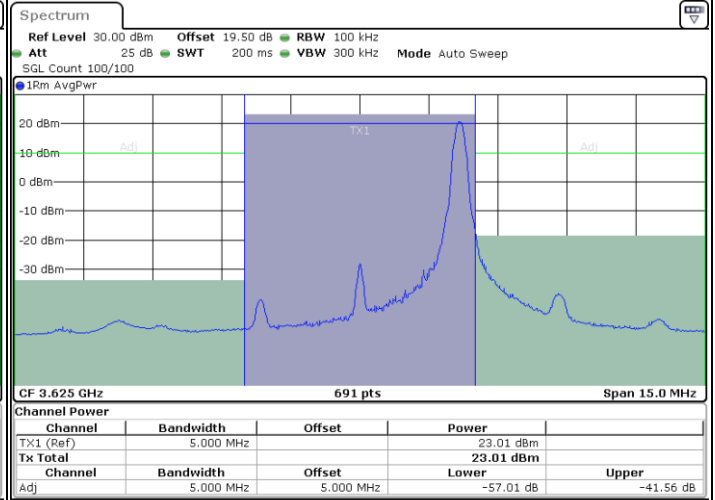
64QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



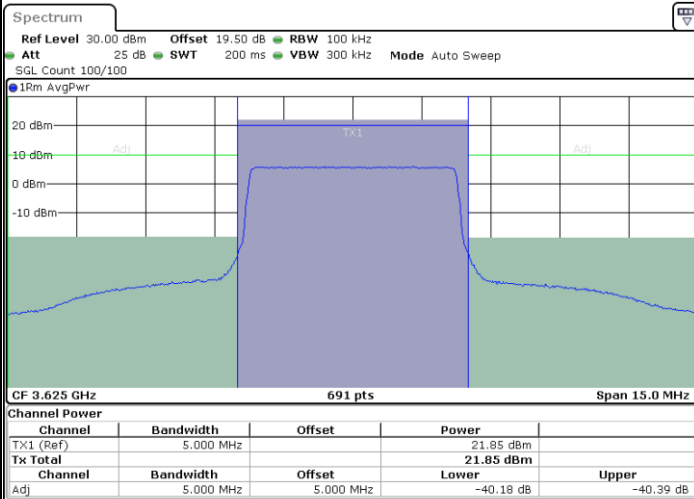
Date: 23.NOV.2022 12:02:03



Date: 23.NOV.2022 12:14:14

Middle Channel / FullRB

N/A



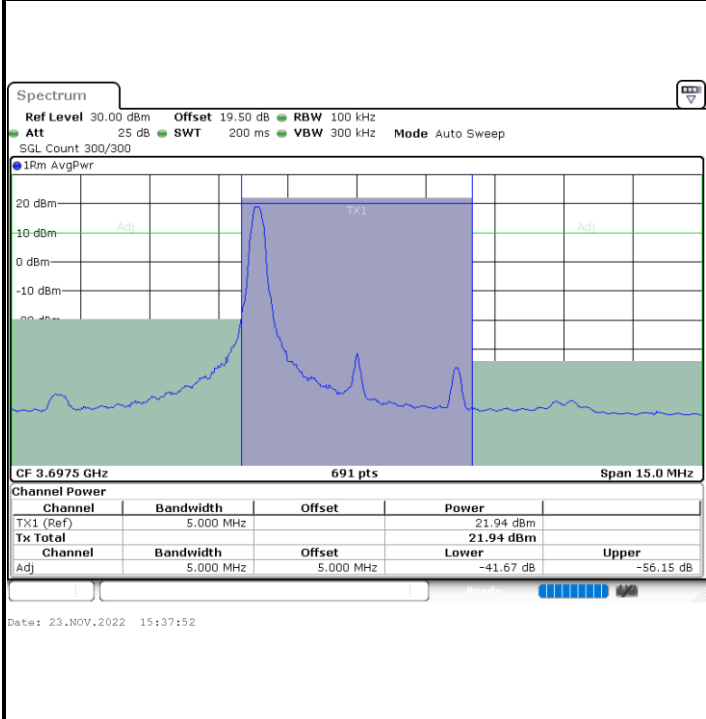
Date: 23.NOV.2022 12:08:08



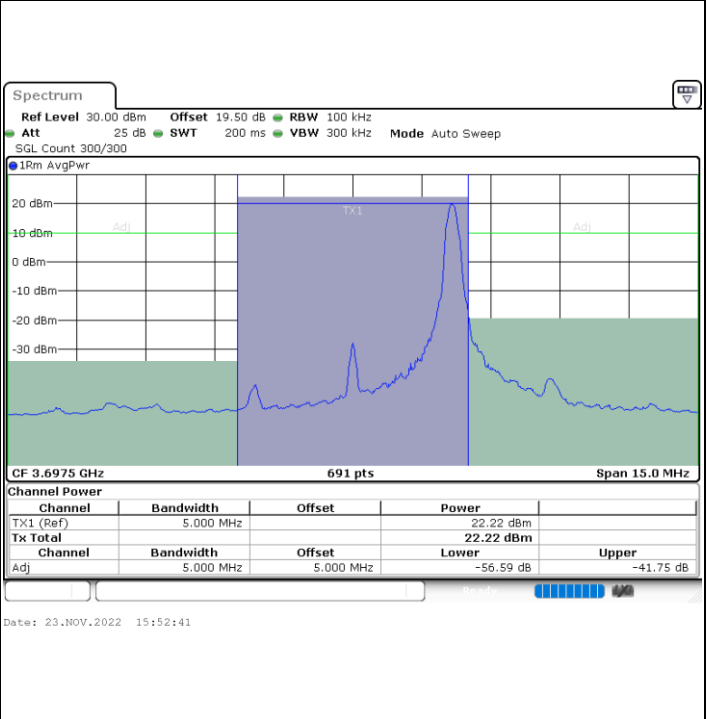
**LTE Band 48 / 5MHz**

**64QAM**

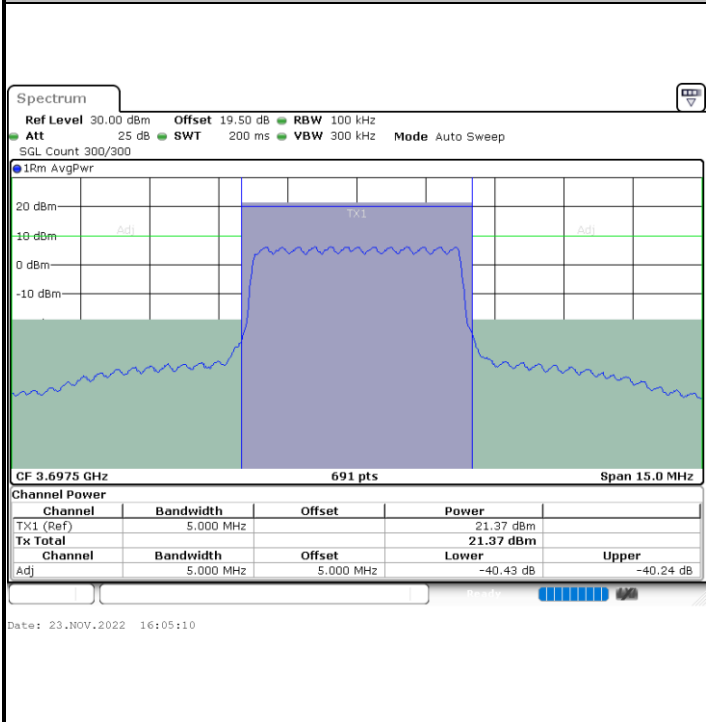
**Highest Channel / 1RB0**



**Highest Channel / 1RBmax**



**Highest Channel / FullIRB**



**N/A**

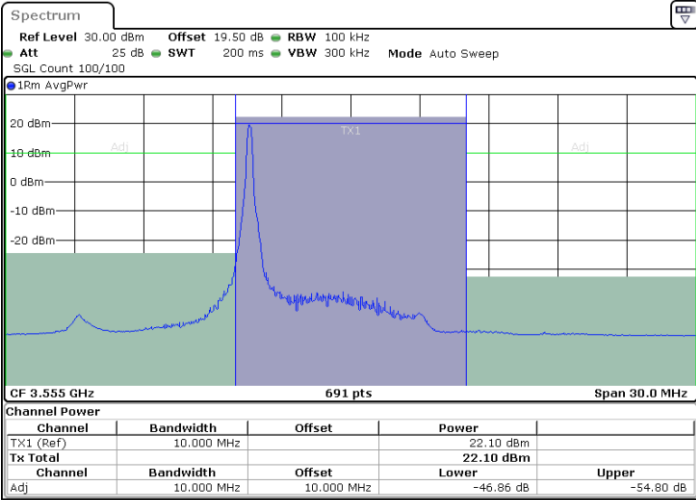


LTE Band 48 / 10MHz

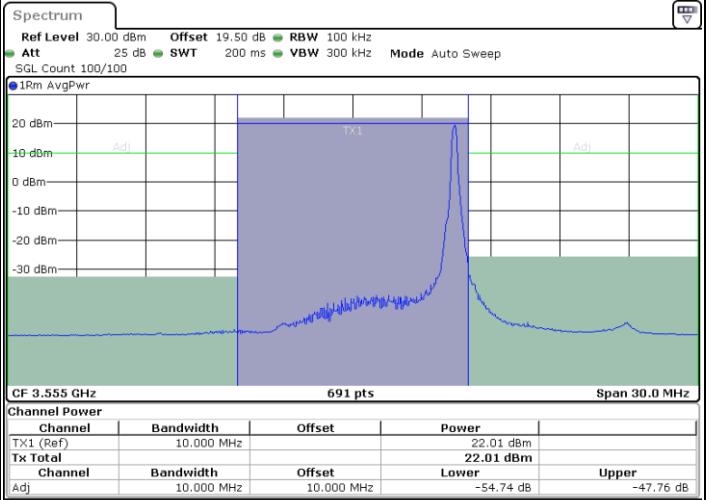
64QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



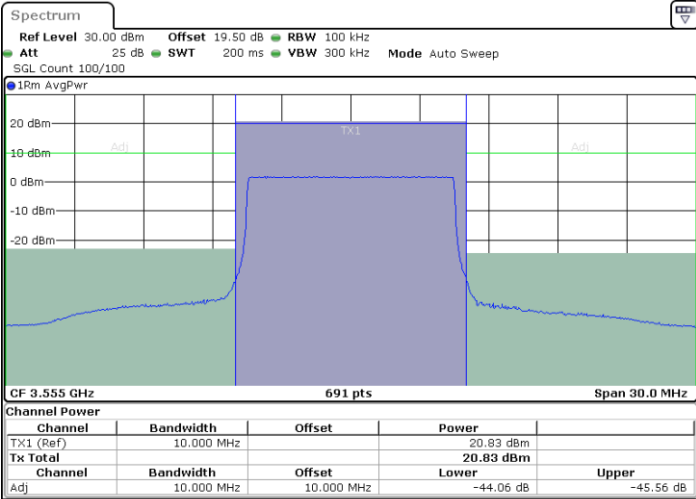
Date: 23.NOV.2022 13:04:13



Date: 23.NOV.2022 13:16:25

Lowest Channel / FullIRB

N/A



Date: 23.NOV.2022 13:10:19

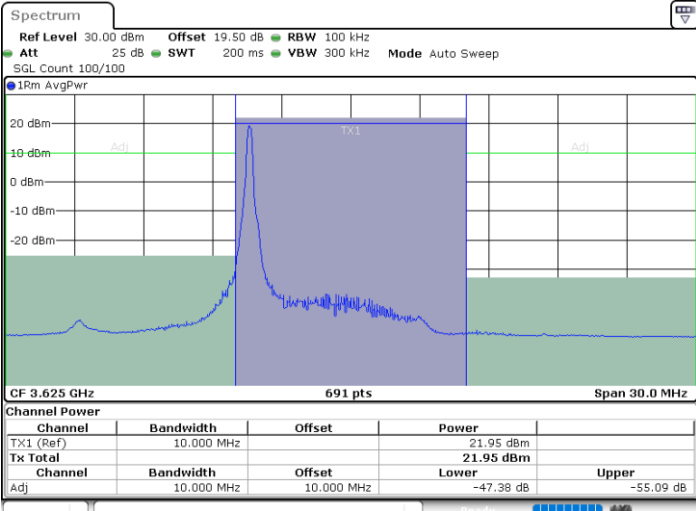


LTE Band 48 / 10MHz

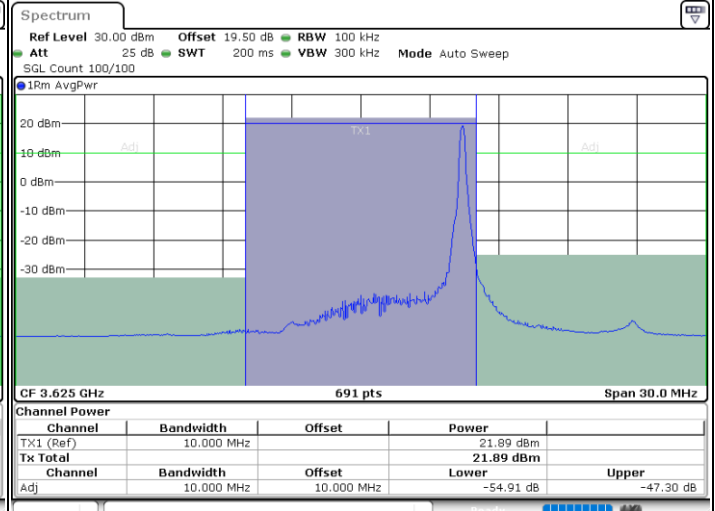
64QAM

MiddleChannel / 1RB0

Middle Channel / 1RBmax



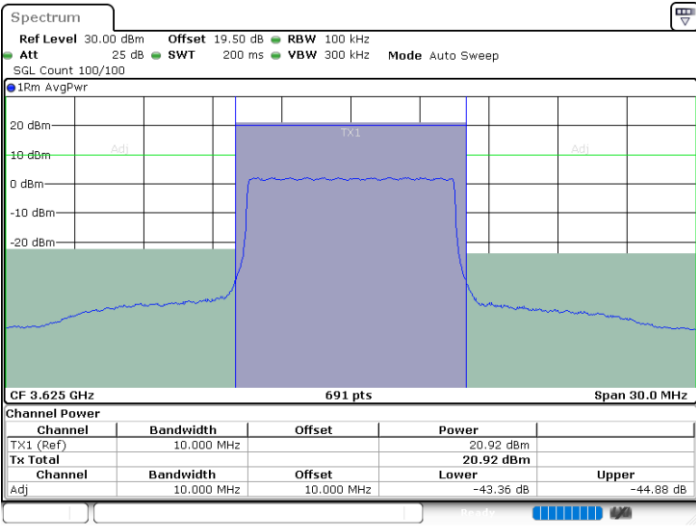
Date: 23.NOV.2022 13:07:35



Date: 23.NOV.2022 13:19:47

Middle Channel / FullRB

N/A



Date: 23.NOV.2022 13:13:41

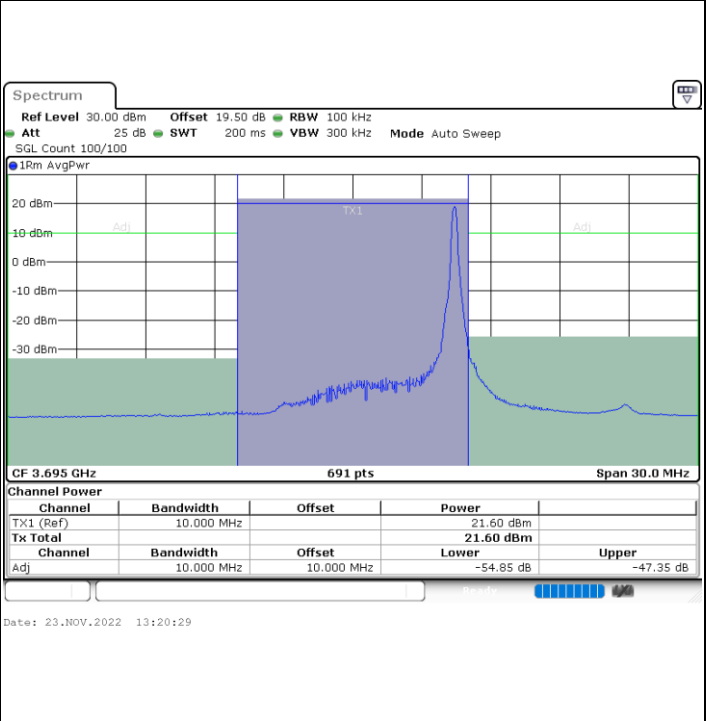
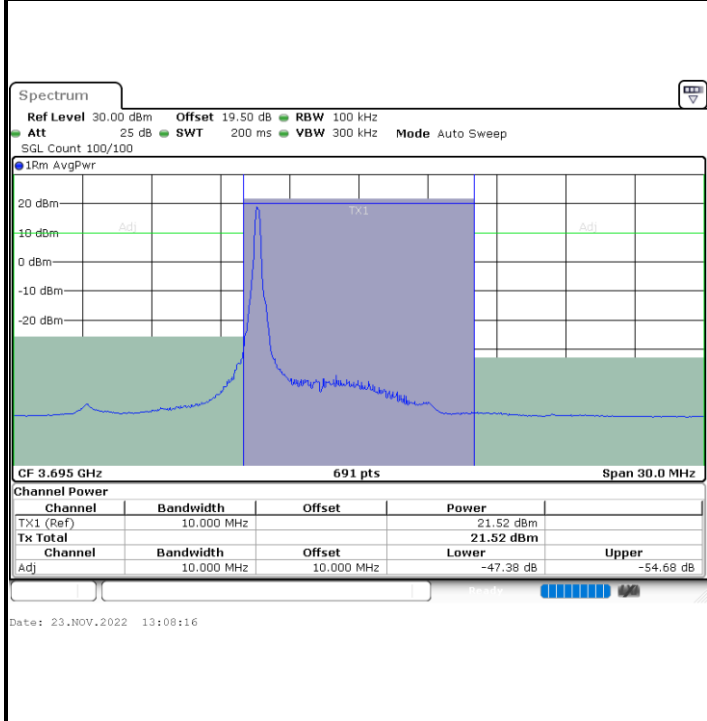


**LTE Band 48 / 10MHz**

**64QAM**

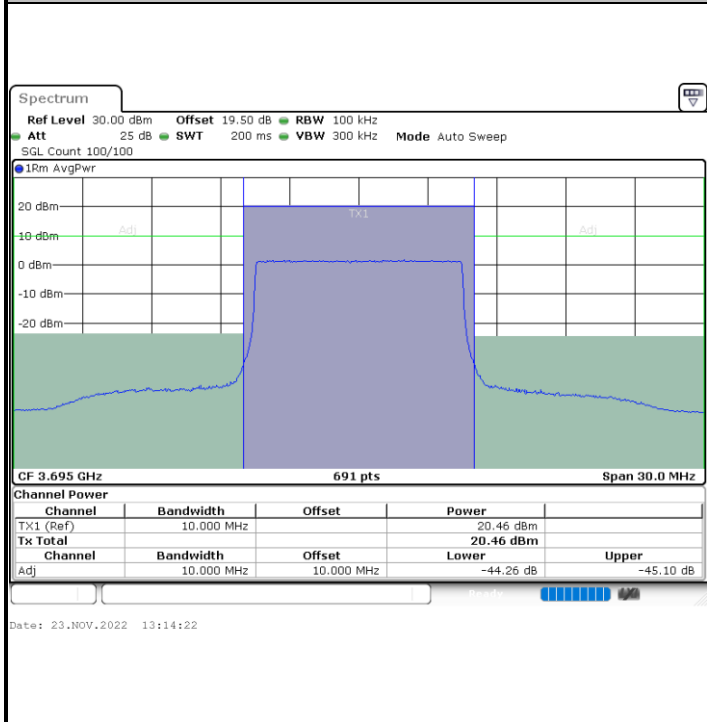
**Highest Channel / 1RB0**

**Highest Channel / 1RBmax**



**Highest Channel / FullIRB**

**N/A**

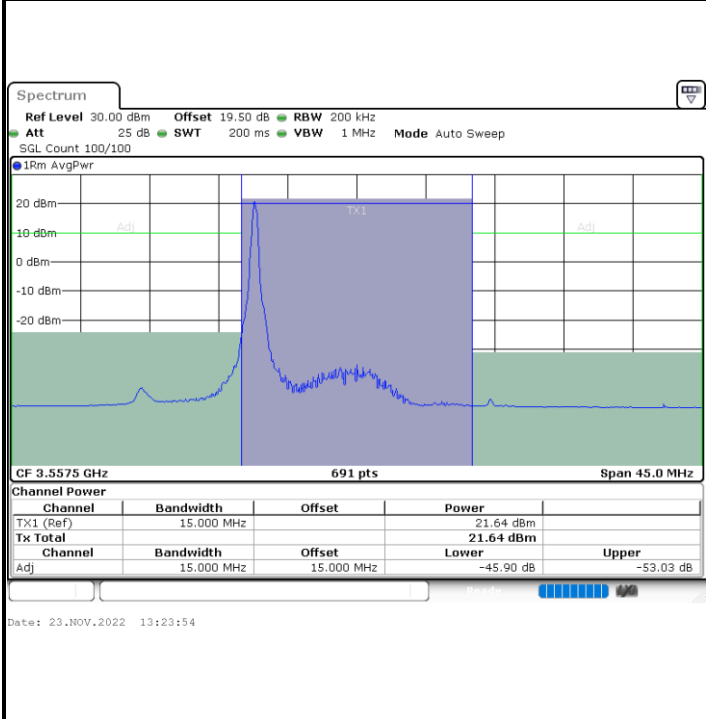




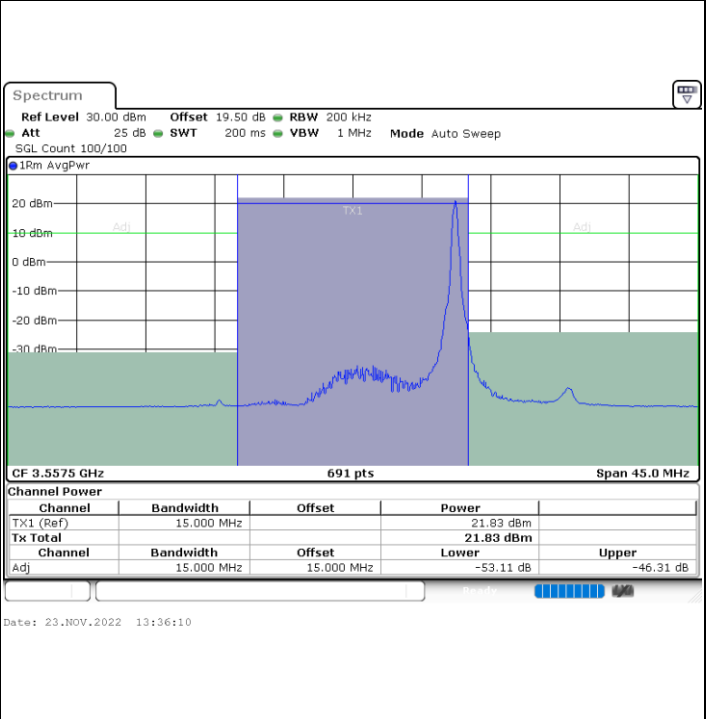
LTE Band 48 / 15MHz

64QAM

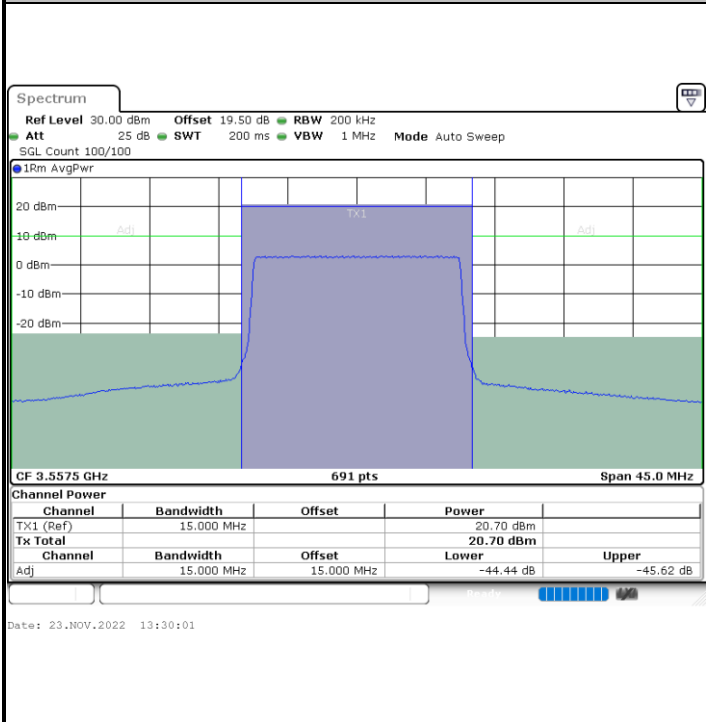
Lowest Channel / 1RB0



Lowest Channel / 1RBmax



Lowest Channel / FullIRB



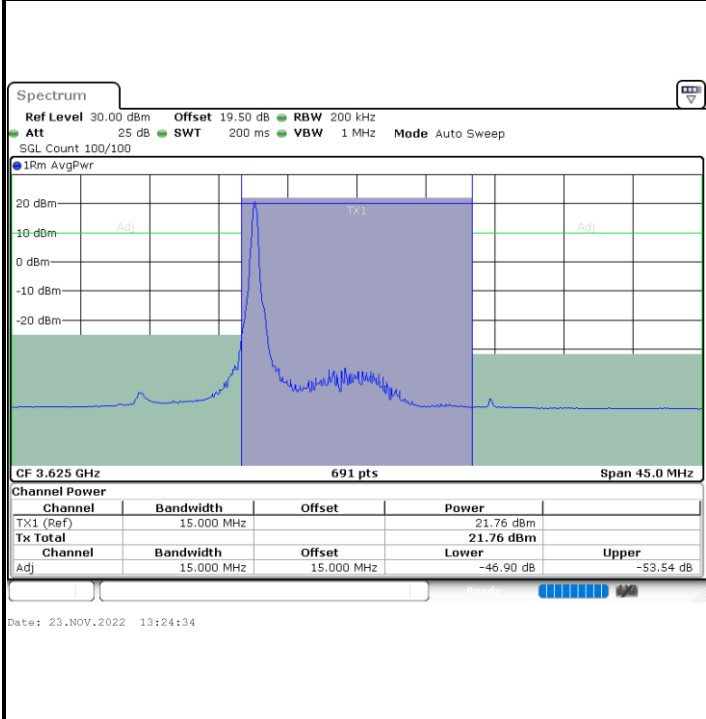
N/A



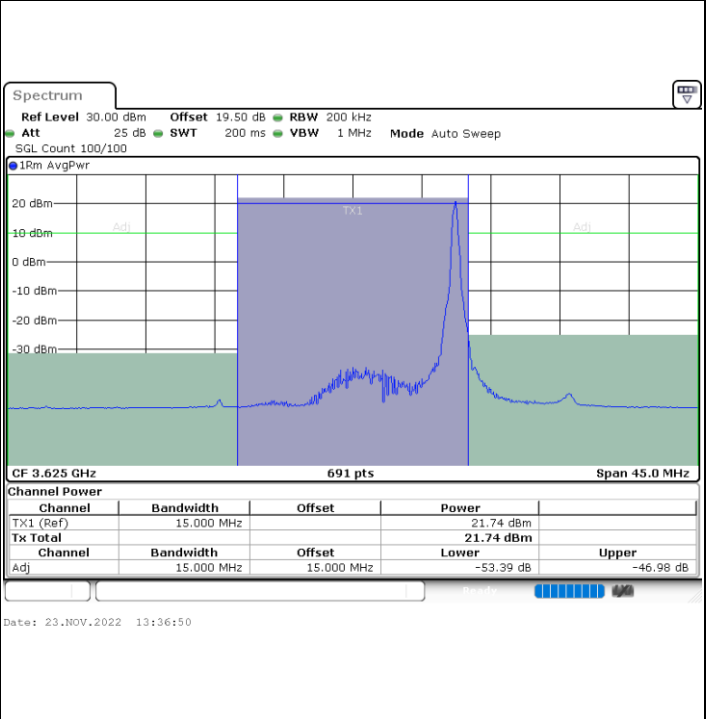
**LTE Band 48 / 15MHz**

**64QAM**

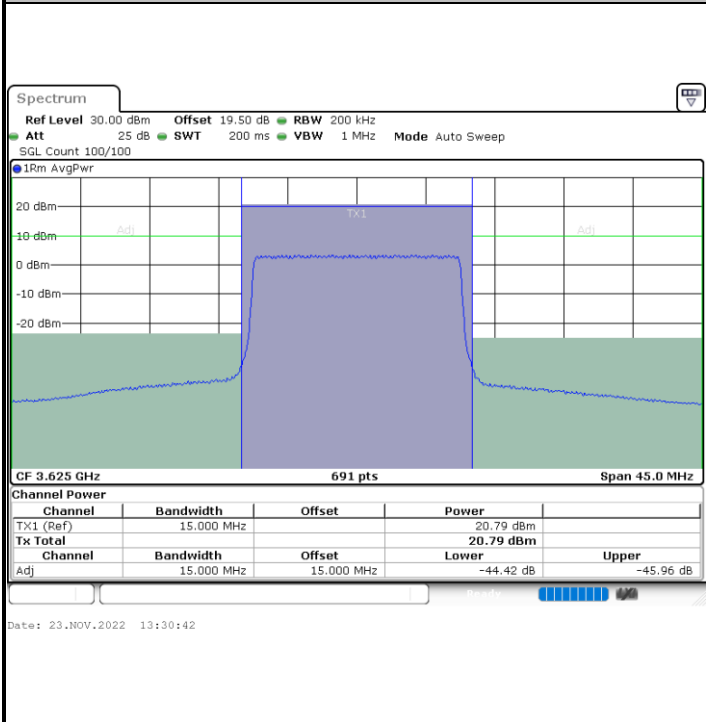
**Middle Channel / 1RB0**



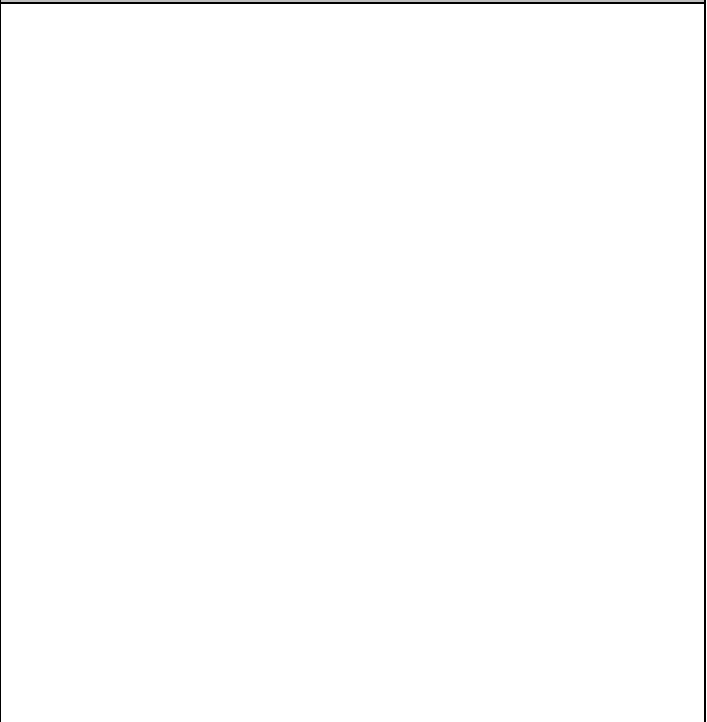
**Middle Channel / 1RBmax**



**Middle Channel / FullRB**



**N/A**

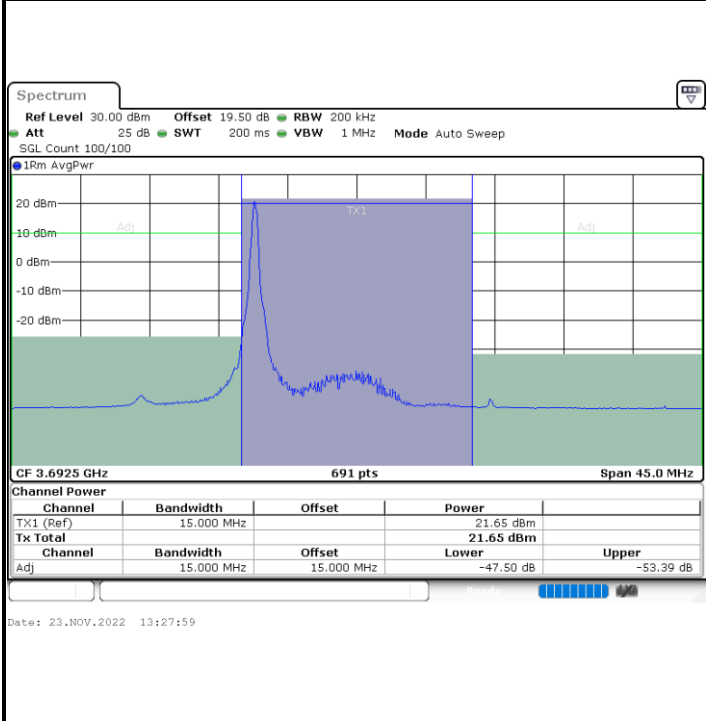




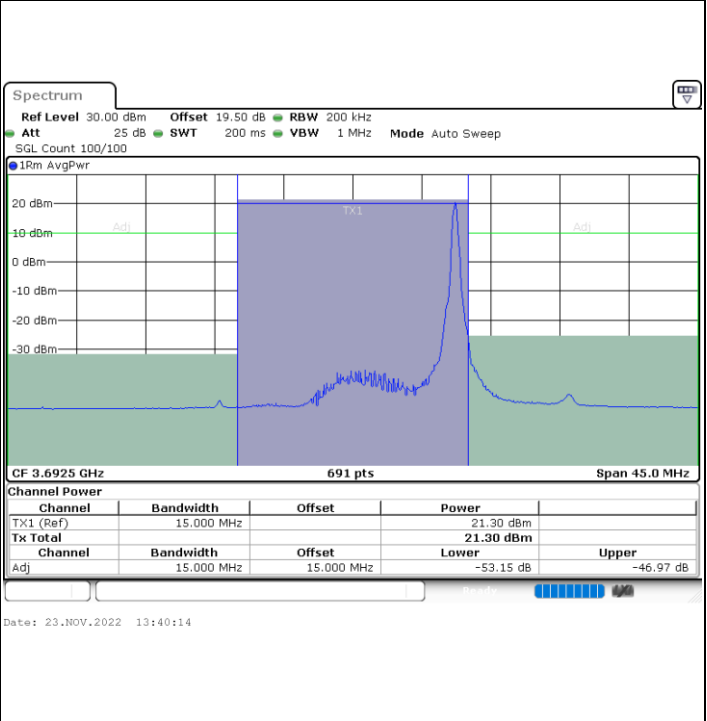
**LTE Band 48 / 15MHz**

**64QAM**

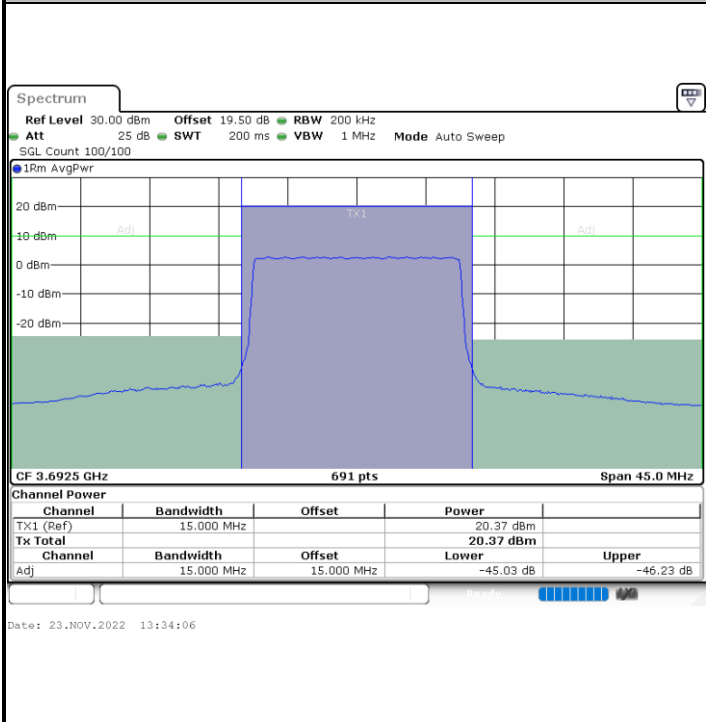
**Highest Channel / 1RB0**



**Highest Channel / 1RBmax**



**Highest Channel / FullIRB**



**N/A**



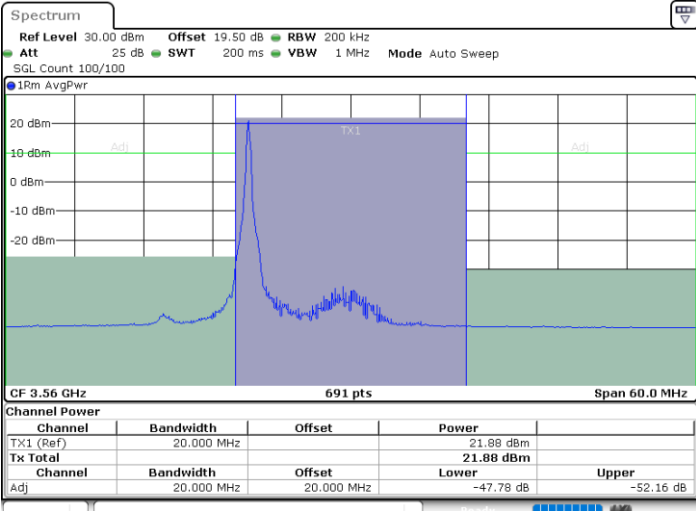


LTE Band 48 / 20MHz

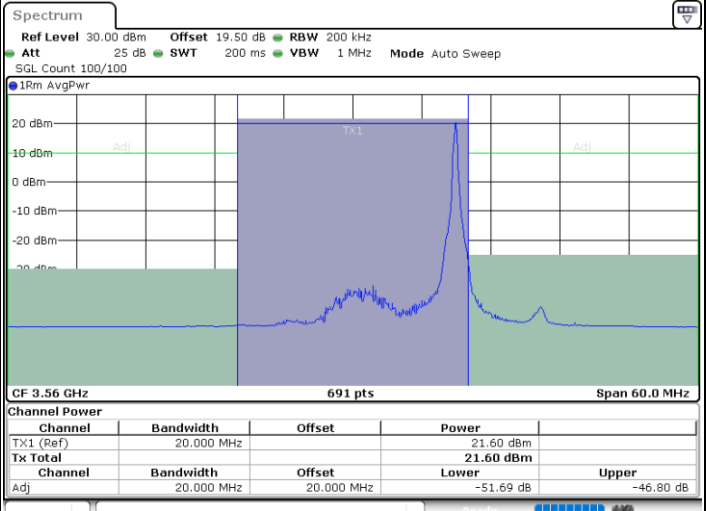
64QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



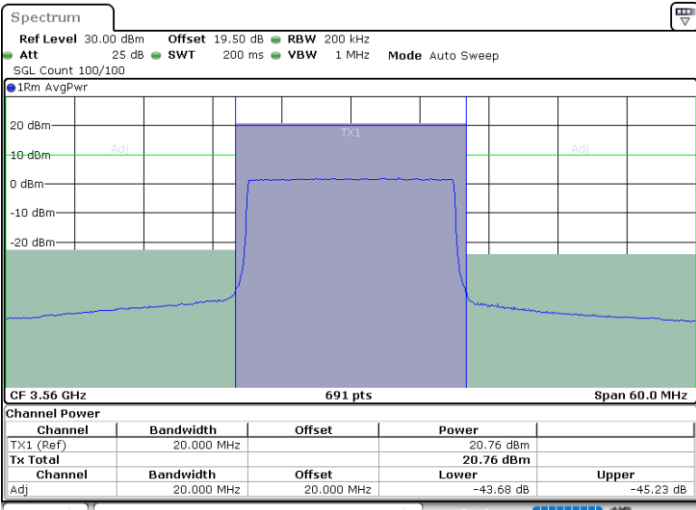
Date: 23.NOV.2022 13:46:52



Date: 23.NOV.2022 13:52:49

Lowest Channel / FullIRB

N/A



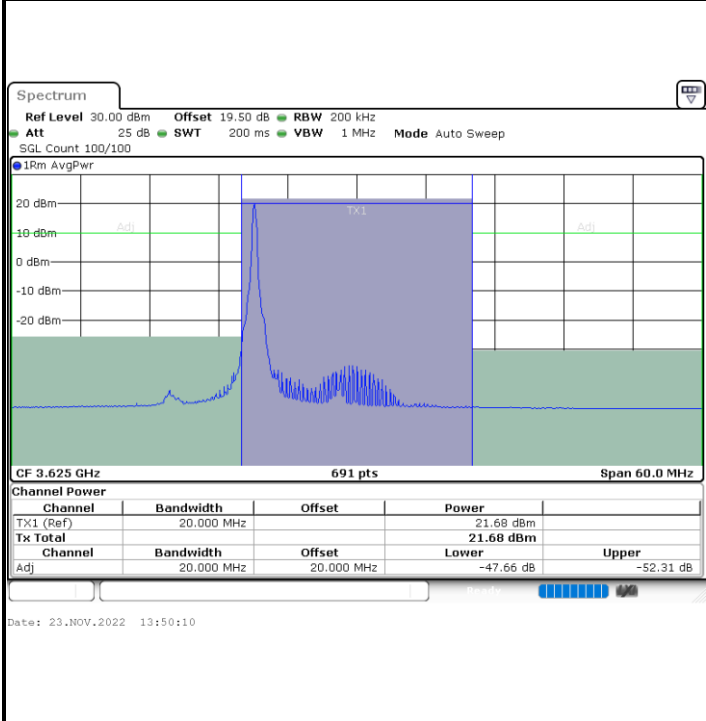
Date: 23.NOV.2022 13:40:55



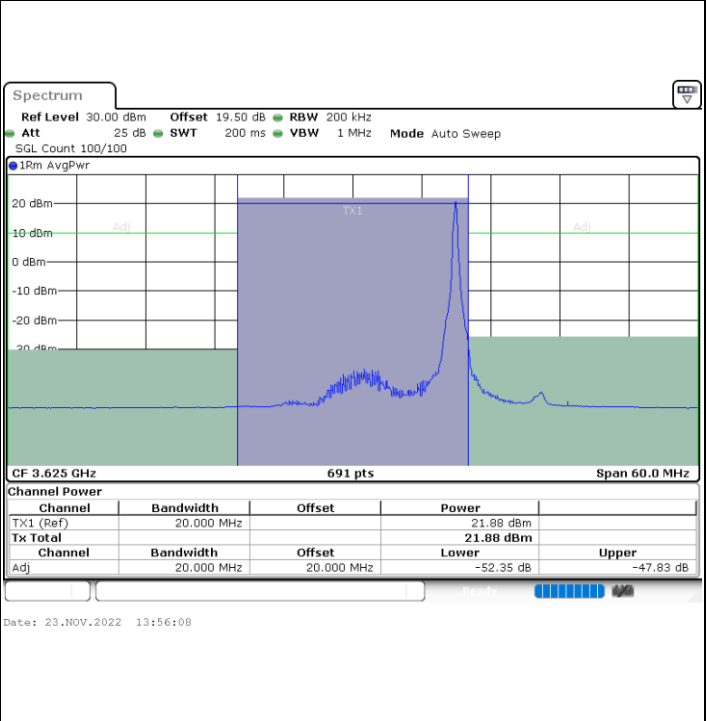
LTE Band 48 / 20MHz

64QAM

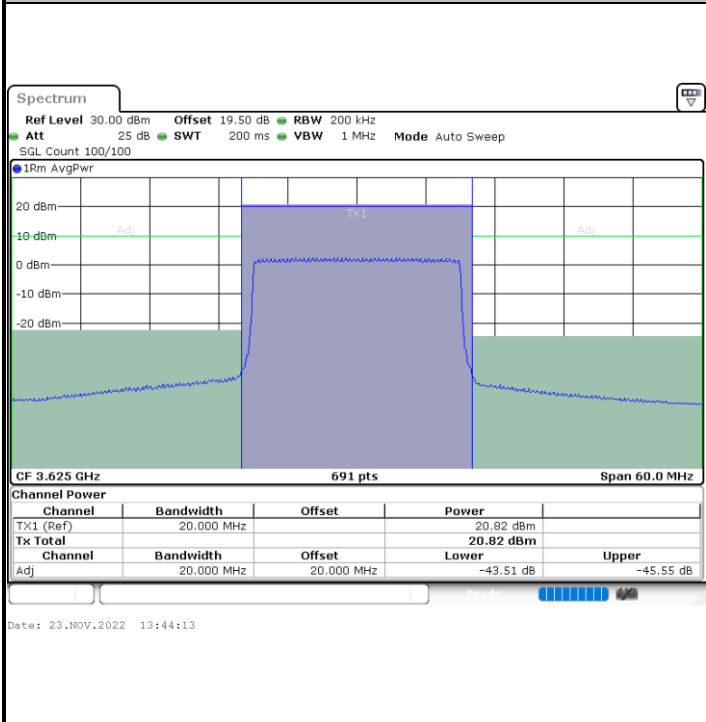
Middle Channel / 1RB0



Middle Channel / 1RBmax



Middle Channel / FullRB



N/A

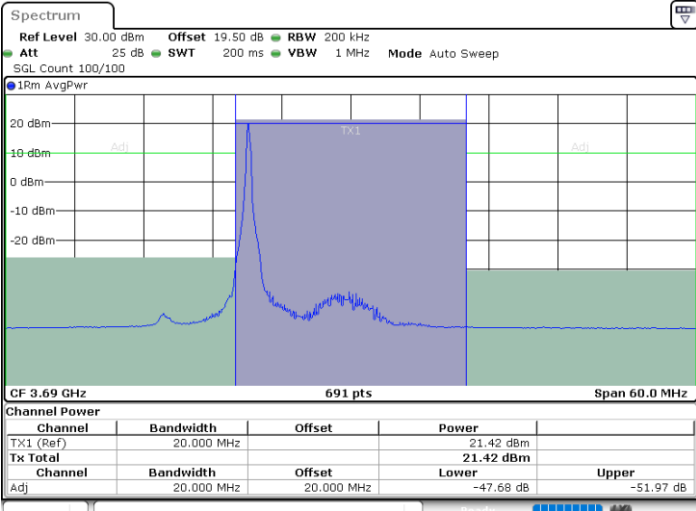


LTE Band 48 / 20MHz

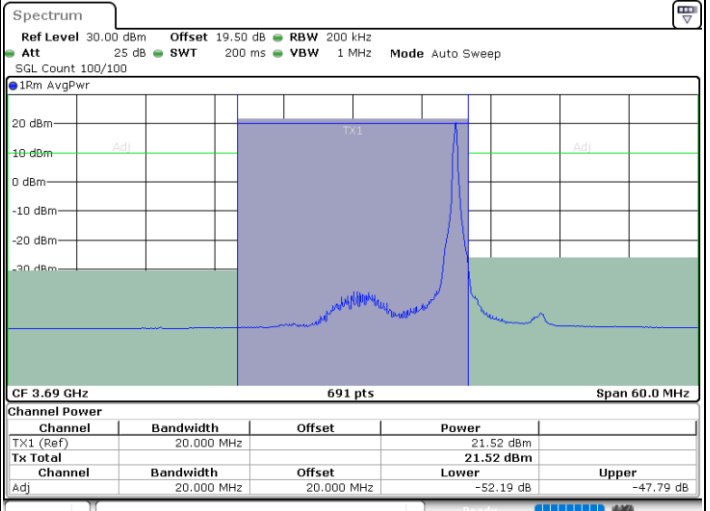
64QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



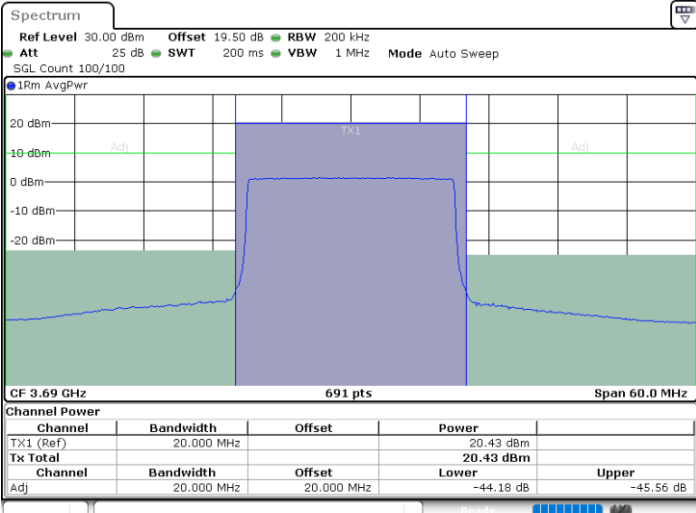
Date: 23.NOV.2022 13:50:49



Date: 23.NOV.2022 13:56:47

Highest Channel / FullIRB

N/A



Date: 23.NOV.2022 13:44:52



**26dB Bandwidth**

Mode	LTE Band 48 : 26dB BW(MHz)							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	4.84	5.00	9.79	9.71	14.27	14.39	19.02	18.82
Middle CH	5.10	4.96	9.79	9.65	14.12	14.21	18.66	18.94
Highest CH	4.86	4.71	9.83	9.85	14.15	14.84	19.26	19.22

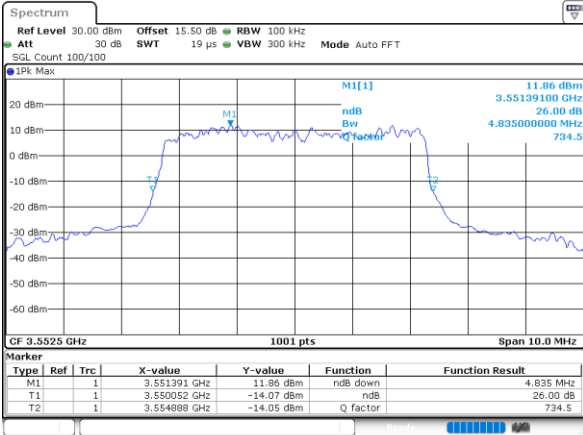
  

Mode	LTE Band 48 : 26dB BW(MHz)							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM	
Lowest CH	4.81	-	9.77	-	14.36	-	19.26	-
Middle CH	4.93	-	9.99	-	14.54	-	18.62	-
Highest CH	5.14	-	9.91	-	14.36	-	18.70	-



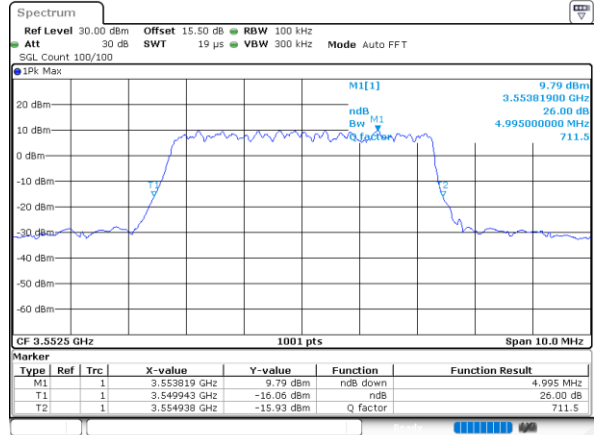
LTE Band 48

Lowest Channel / 5MHz / QPSK



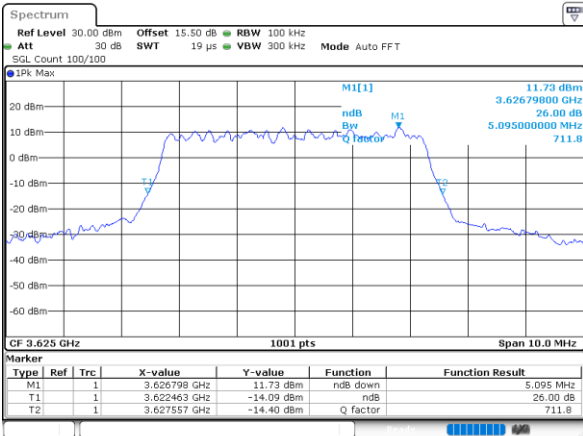
Date: 12.NOV.2022 15:28:43

Lowest Channel / 5MHz / 16QAM



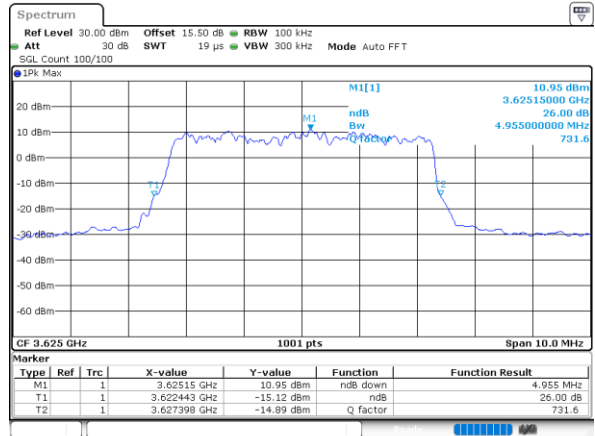
Date: 12.NOV.2022 15:29:07

Middle Channel / 5MHz / QPSK



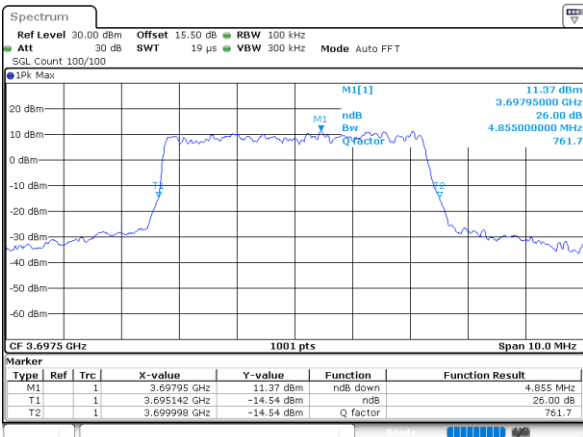
Date: 12.NOV.2022 15:30:18

Middle Channel / 5MHz / 16QAM



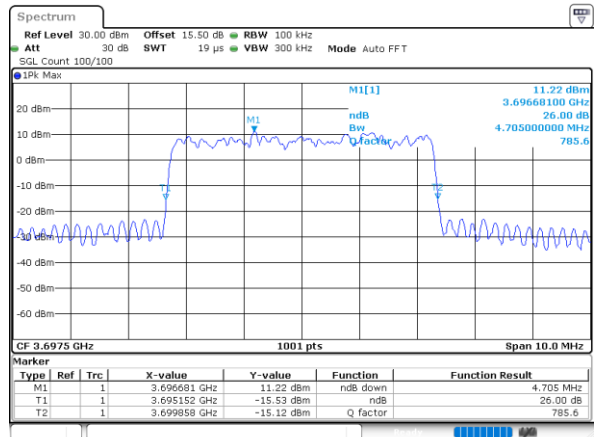
Date: 12.NOV.2022 15:30:41

Highest Channel / 5MHz / QPSK



Date: 12.NOV.2022 15:31:54

Highest Channel / 5MHz / 16QAM

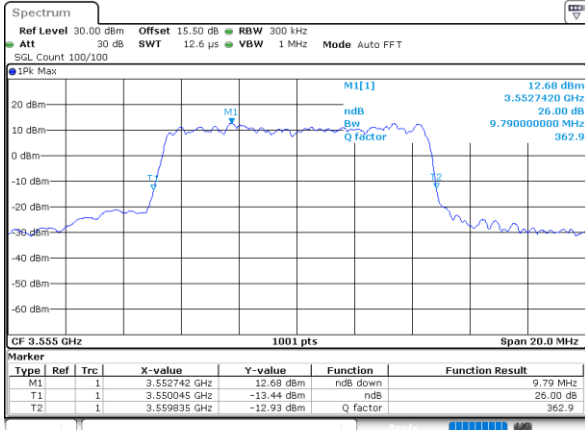


Date: 12.NOV.2022 15:32:19



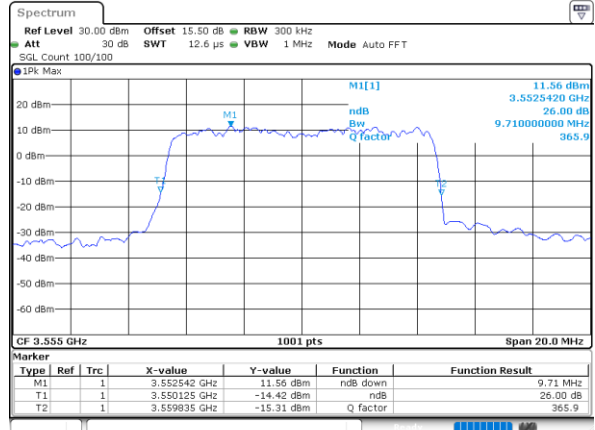
LTE Band 48

Lowest Channel / 10MHz / QPSK



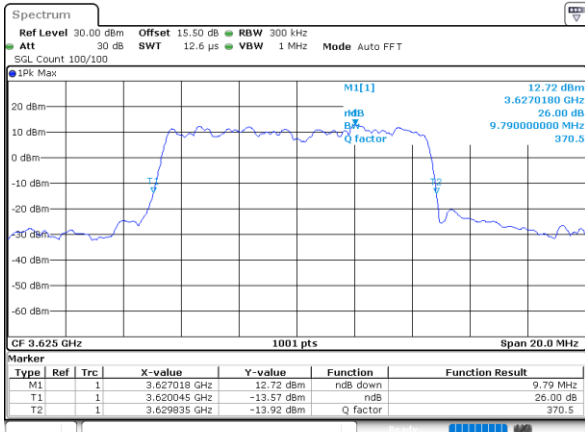
Date: 12.NOV.2022 15:33:31

Lowest Channel / 10MHz / 16QAM



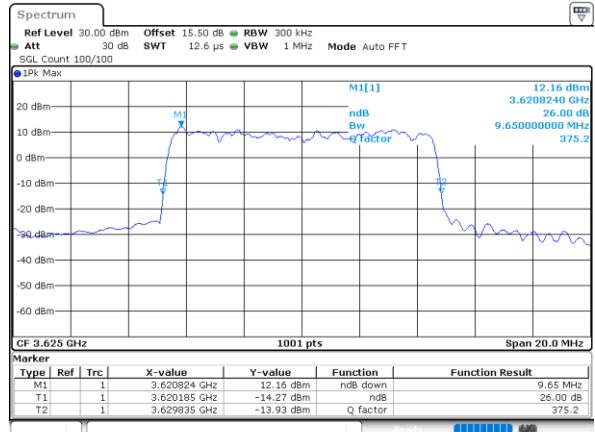
Date: 12.NOV.2022 15:33:56

Middle Channel / 10MHz / QPSK



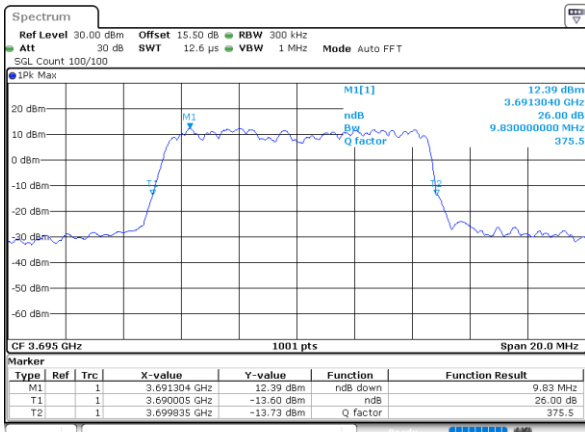
Date: 12.NOV.2022 15:35:06

Middle Channel / 10MHz / 16QAM



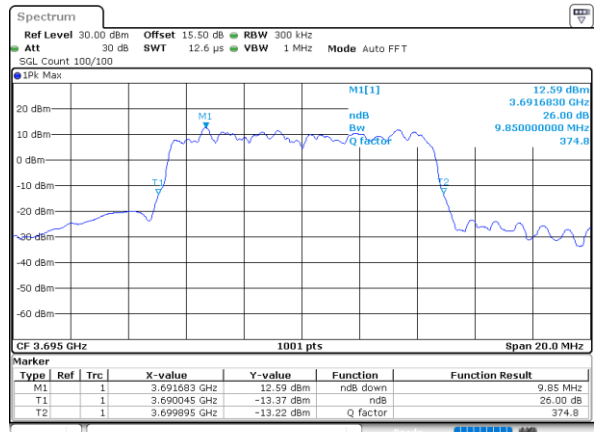
Date: 12.NOV.2022 15:35:30

Highest Channel / 10MHz / QPSK



Date: 12.NOV.2022 15:36:42

Highest Channel / 10MHz / 16QAM

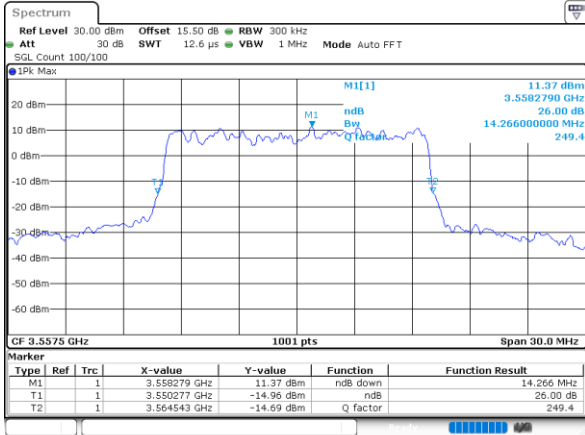


Date: 12.NOV.2022 15:37:05



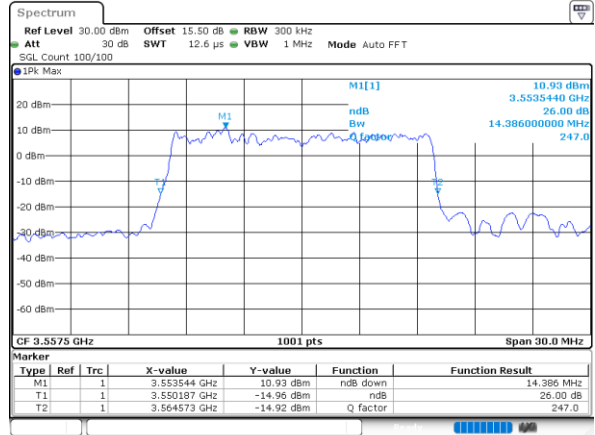
LTE Band 48

Lowest Channel / 15MHz / QPSK



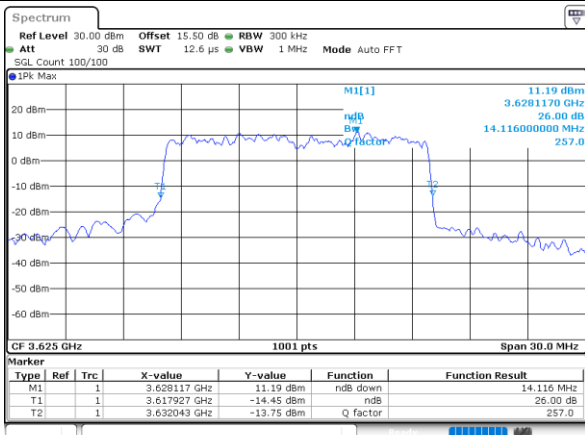
Date: 12.NOV.2022 15:38:18

Lowest Channel / 15MHz / 16QAM



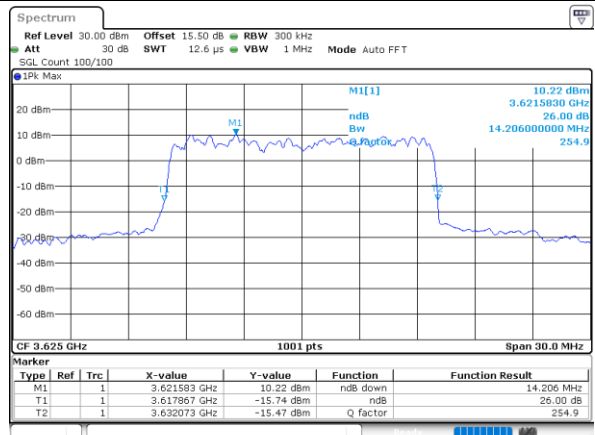
Date: 12.NOV.2022 15:38:41

Middle Channel / 15MHz / QPSK



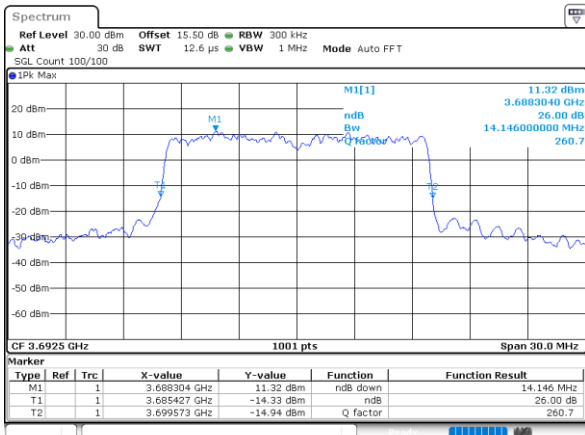
Date: 12.NOV.2022 15:39:52

Middle Channel / 15MHz / 16QAM



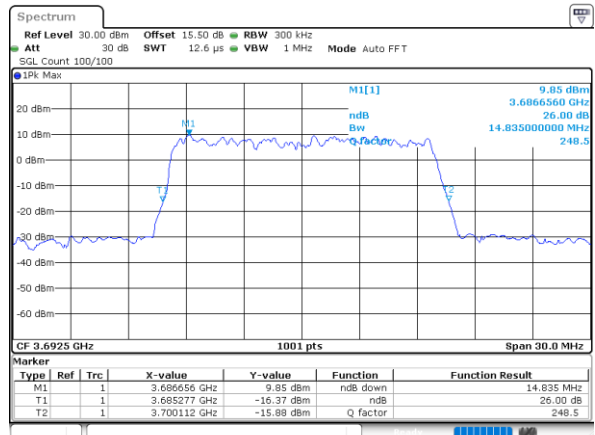
Date: 12.NOV.2022 15:40:15

Highest Channel / 15MHz / QPSK



Date: 12.NOV.2022 15:41:26

Highest Channel / 15MHz / 16QAM

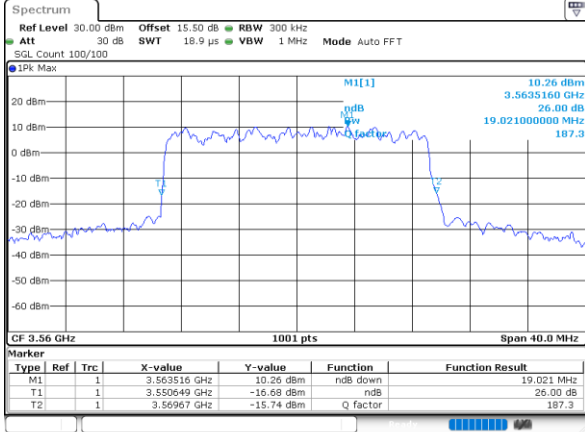


Date: 12.NOV.2022 15:41:50



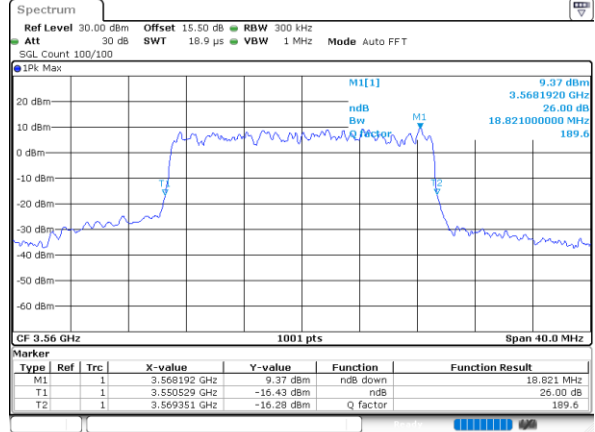
LTE Band 48

Lowest Channel / 20MHz / QPSK



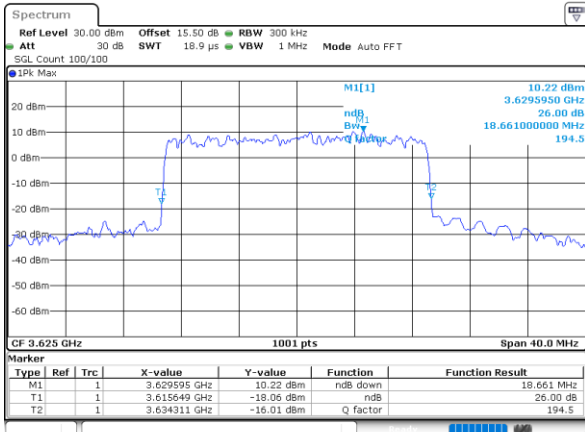
Date: 12.NOV.2022 15:43:02

Lowest Channel / 20MHz / 16QAM



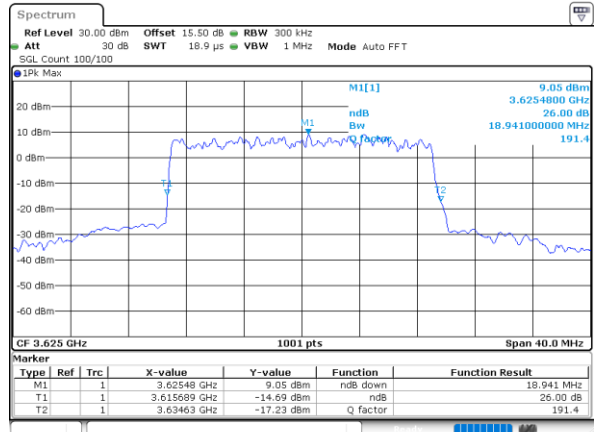
Date: 12.NOV.2022 15:43:26

Middle Channel / 20MHz / QPSK



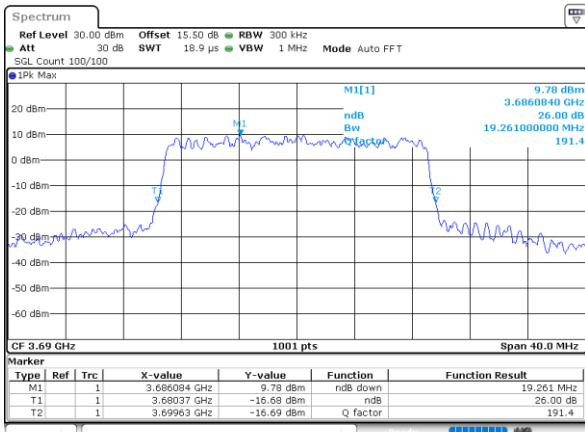
Date: 12.NOV.2022 15:44:36

Middle Channel / 20MHz / 16QAM



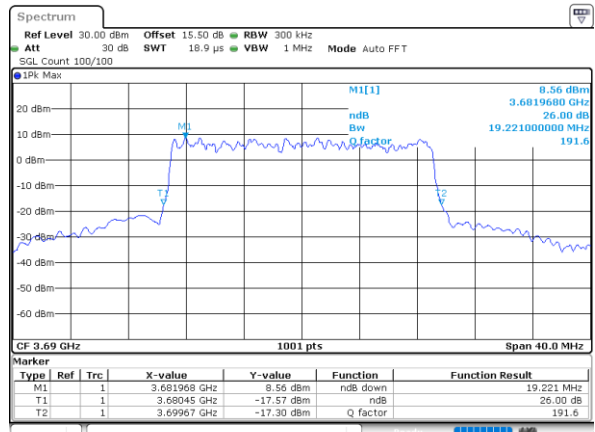
Date: 12.NOV.2022 15:44:00

Highest Channel / 20MHz / QPSK



Date: 12.NOV.2022 15:46:11

Highest Channel / 20MHz / 16QAM



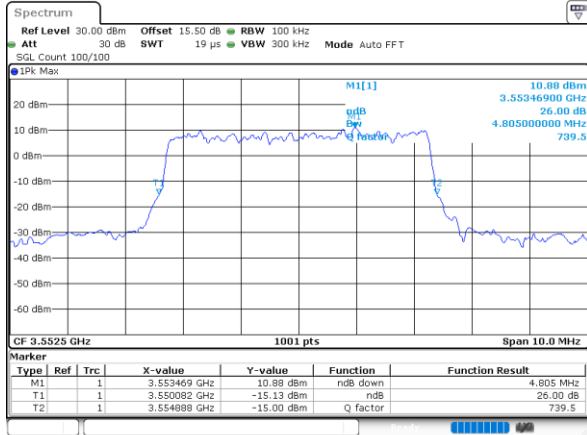
Date: 12.NOV.2022 15:46:35





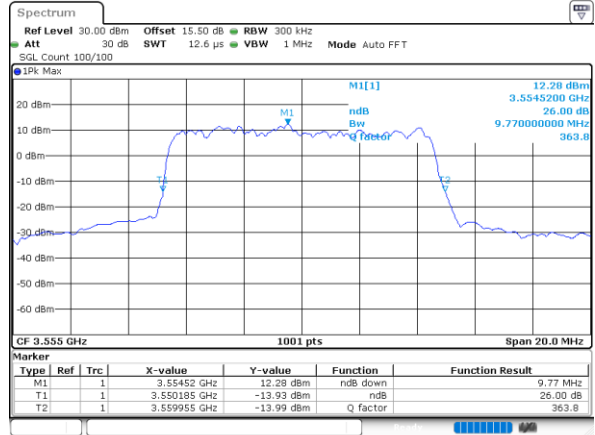
LTE Band 48

Lowest Channel / 5MHz / 64QAM



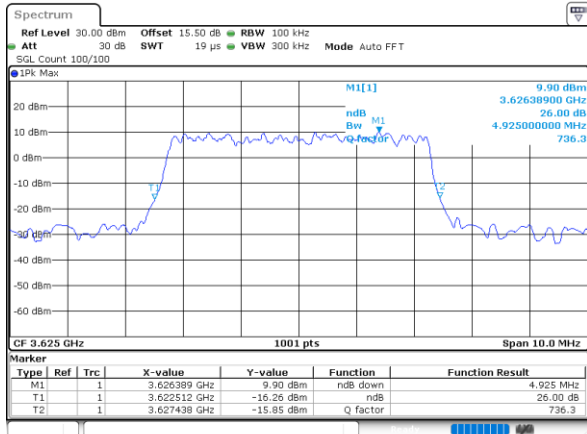
Date: 12.NOV.2022 15:47:14

Lowest Channel / 10MHz / 64QAM



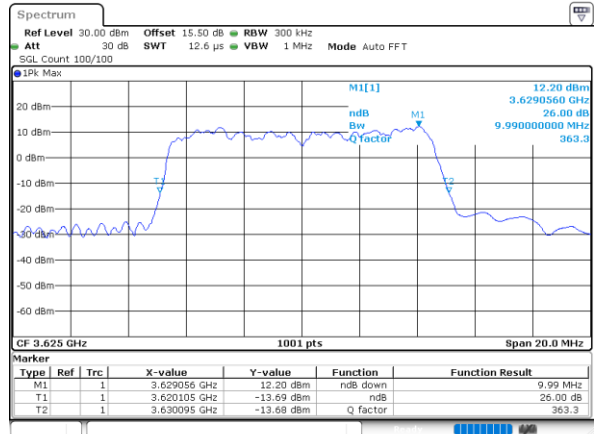
Date: 12.NOV.2022 15:49:09

Middle Channel / 5MHz / 64QAM



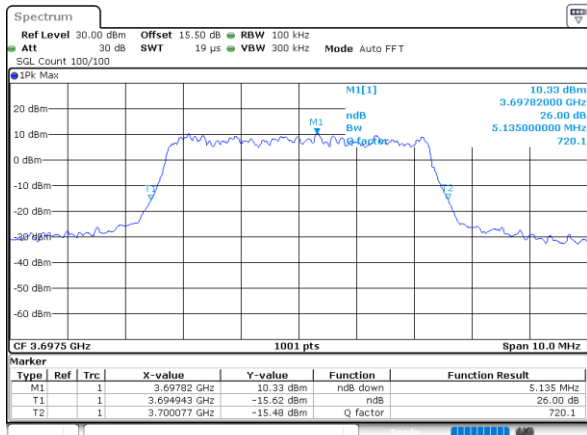
Date: 12.NOV.2022 15:47:52

Middle Channel / 10MHz / 64QAM



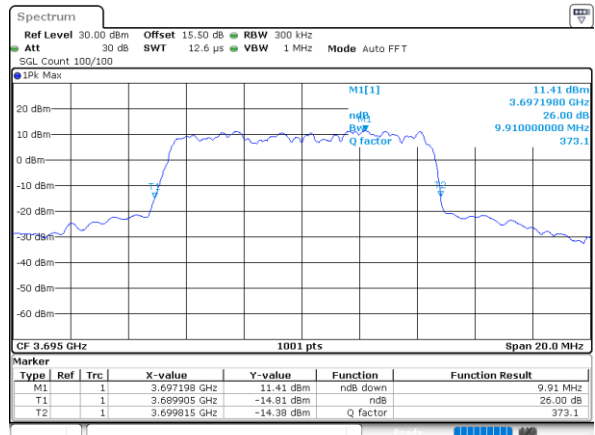
Date: 12.NOV.2022 15:49:47

Highest Channel / 5MHz / 64QAM



Date: 12.NOV.2022 15:48:30

Highest Channel / 10MHz / 64QAM

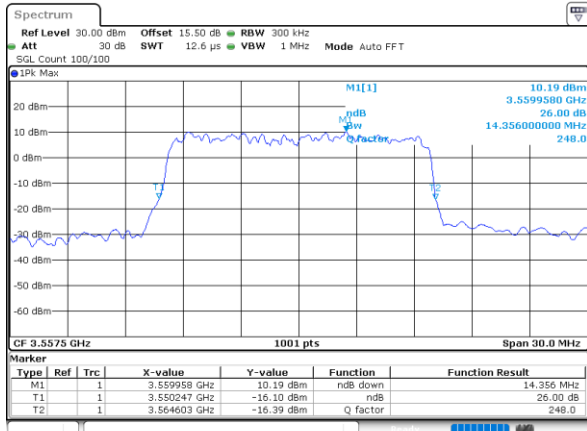


Date: 12.NOV.2022 15:50:25



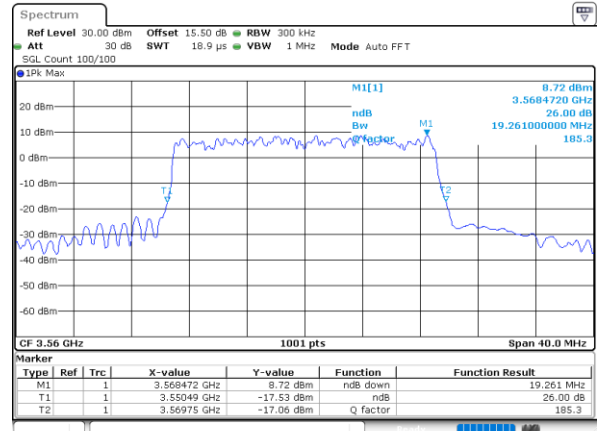
LTE Band 48

Lowest Channel / 15MHz / 64QAM



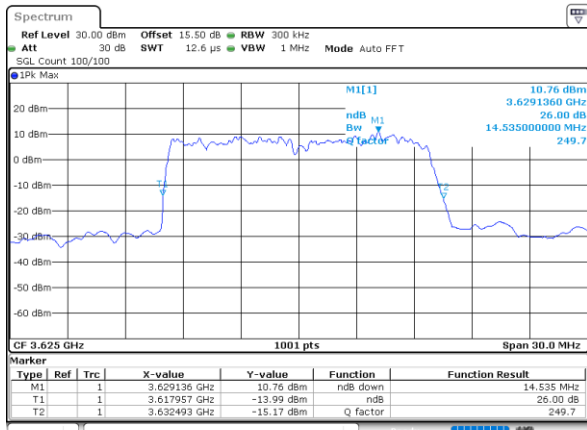
Date: 12.NOV.2022 15:51:04

Lowest Channel / 20MHz / 64QAM



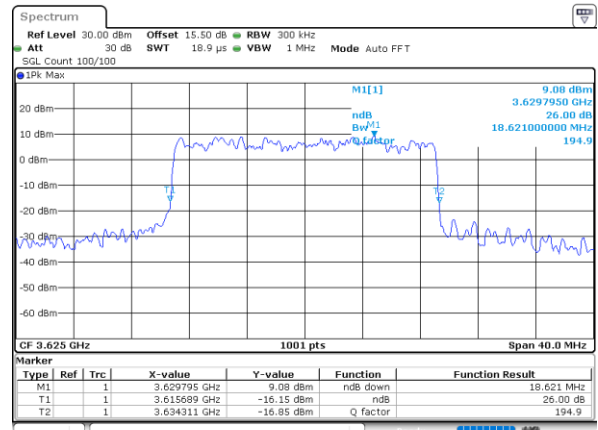
Date: 12.NOV.2022 15:52:59

Middle Channel / 15MHz / 64QAM



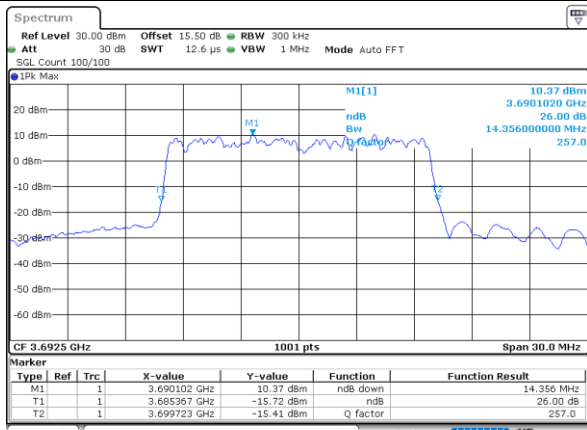
Date: 12.NOV.2022 15:51:42

Middle Channel / 20MHz / 64QAM



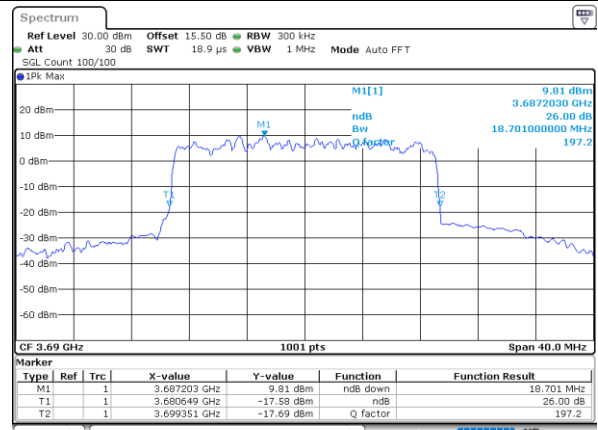
Date: 12.NOV.2022 15:53:37

Highest Channel / 15MHz / 64QAM



Date: 12.NOV.2022 15:52:20

Highest Channel / 20MHz / 64QAM



Date: 12.NOV.2022 15:54:15



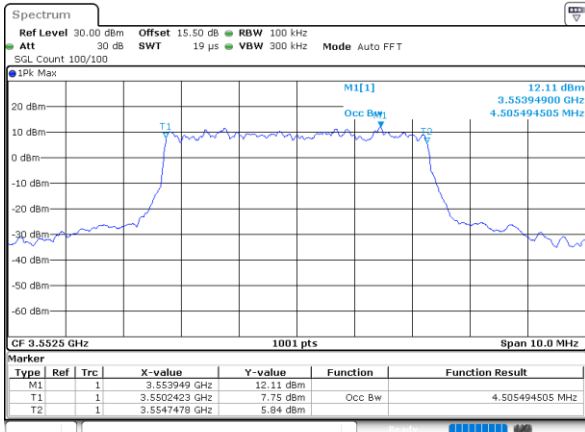
### Occupied Bandwidth

Mode	LTE Band 48 : 99%OBW(MHz)							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	4.51	4.51	9.03	9.07	13.49	13.43	17.90	17.86
Middle CH	4.48	4.49	8.99	9.01	13.46	13.43	17.90	17.90
Highest CH	4.53	4.52	9.07	9.05	13.46	13.52	17.86	17.86
Mode	LTE Band 48 : 99%OBW(MHz)							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM	
Lowest CH	4.48	-	9.09	-	13.40	-	17.78	-
Middle CH	4.48	-	9.09	-	13.43	-	17.78	-
Highest CH	4.51	-	9.05	-	13.40	-	17.90	-



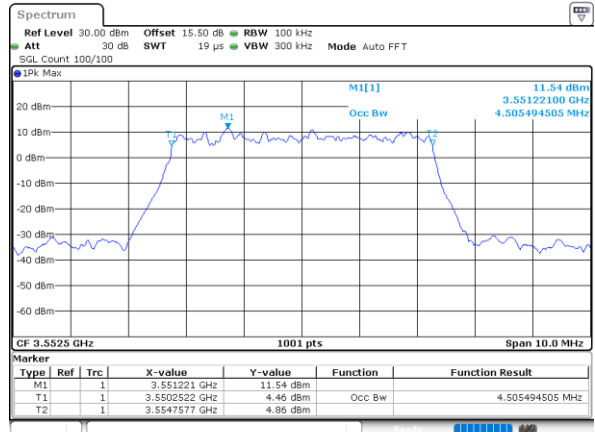
LTE Band 48

Lowest Channel / 5MHz / QPSK



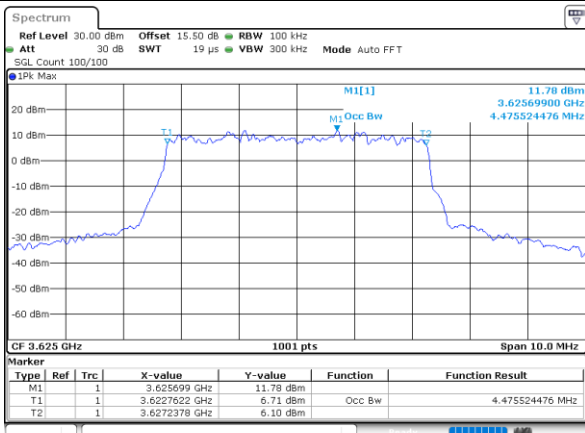
Date: 12.NOV.2022 15:27:55

Lowest Channel / 5MHz / 16QAM



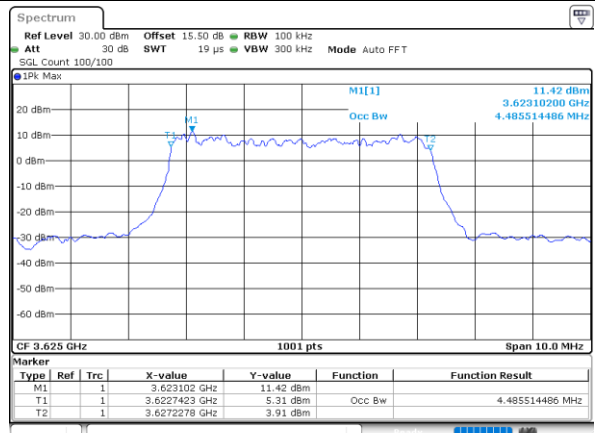
Date: 12.NOV.2022 15:28:19

Middle Channel / 5MHz / QPSK



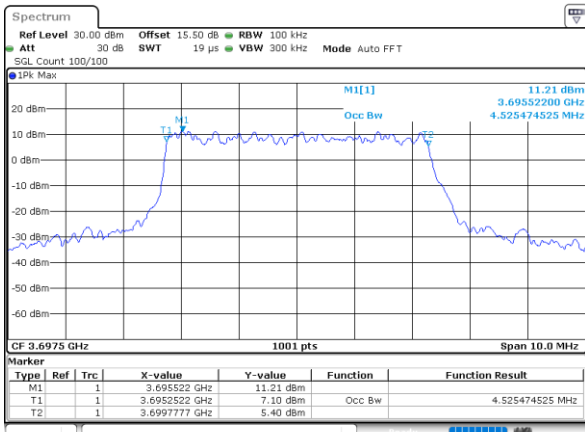
Date: 12.NOV.2022 15:29:31

Middle Channel / 5MHz / 16QAM



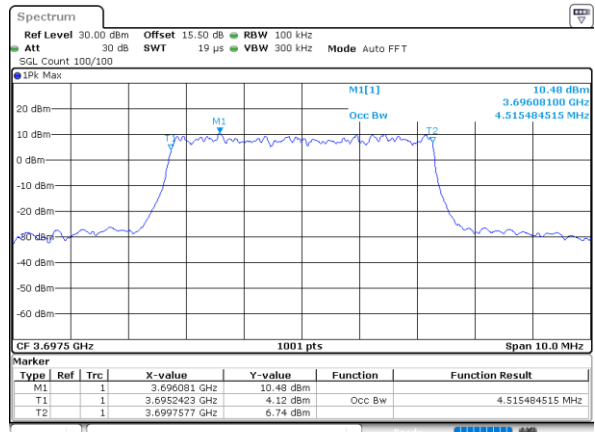
Date: 12.NOV.2022 15:29:54

Highest Channel / 5MHz / QPSK



Date: 12.NOV.2022 15:31:05

Highest Channel / 5MHz / 16QAM

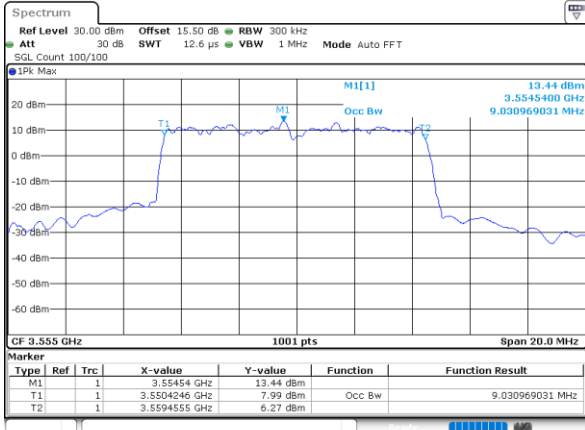


Date: 12.NOV.2022 15:31:30



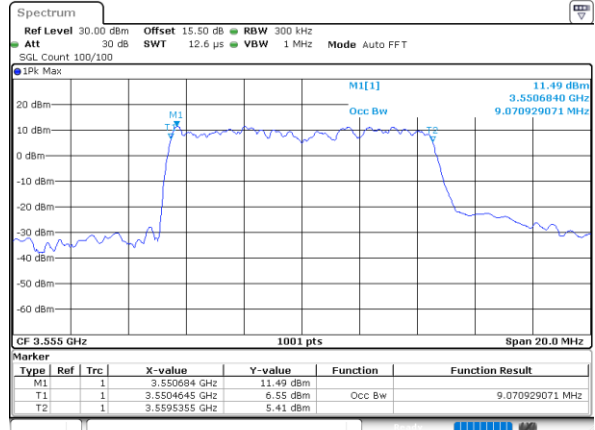
LTE Band 48

Lowest Channel / 10MHz / QPSK



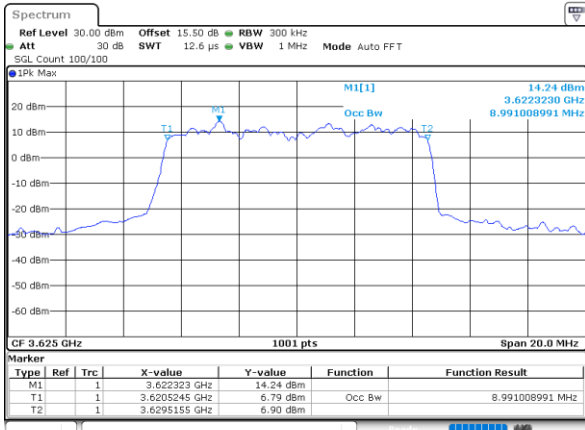
Date: 12.NOV.2022 15:32:43

Lowest Channel / 10MHz / 16QAM



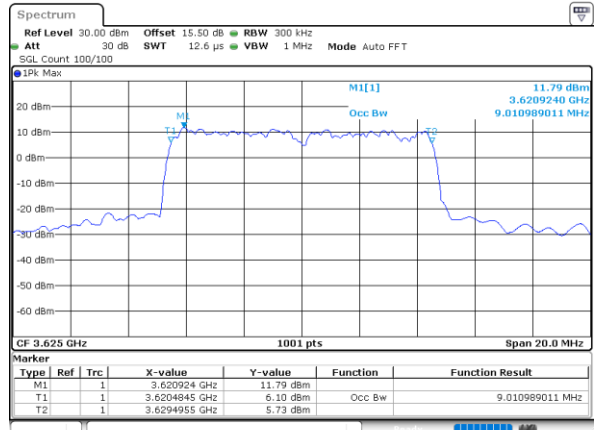
Date: 12.NOV.2022 15:33:07

Middle Channel / 10MHz / QPSK



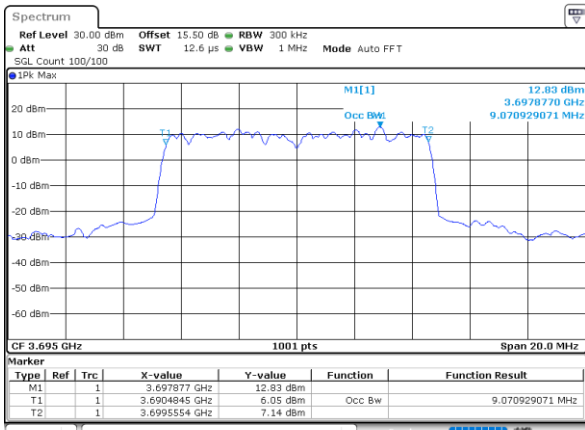
Date: 12.NOV.2022 15:34:20

Middle Channel / 10MHz / 16QAM



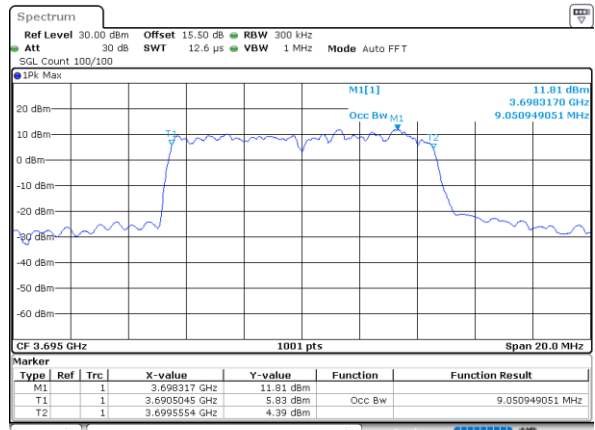
Date: 12.NOV.2022 15:34:43

Highest Channel / 10MHz / QPSK



Date: 12.NOV.2022 15:35:54

Highest Channel / 10MHz / 16QAM

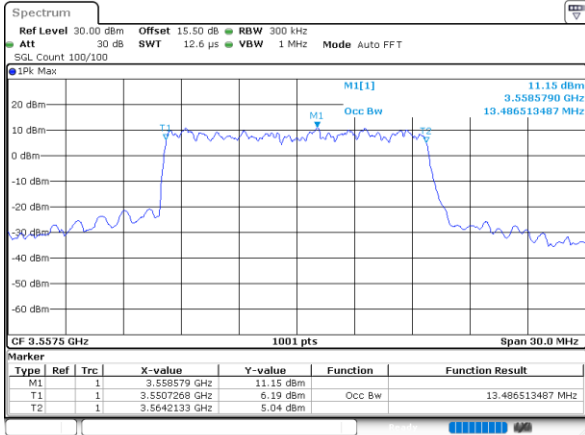


Date: 12.NOV.2022 15:36:18

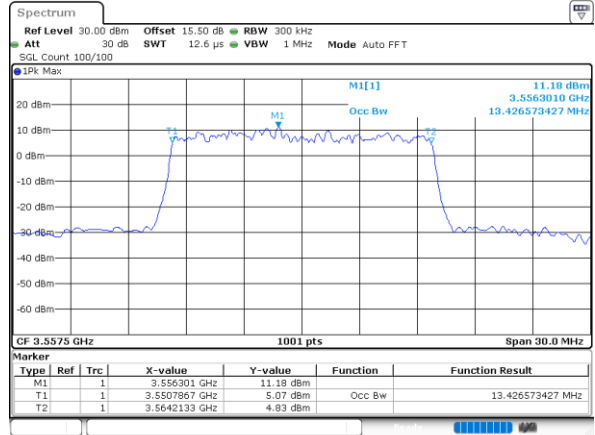


LTE Band 48

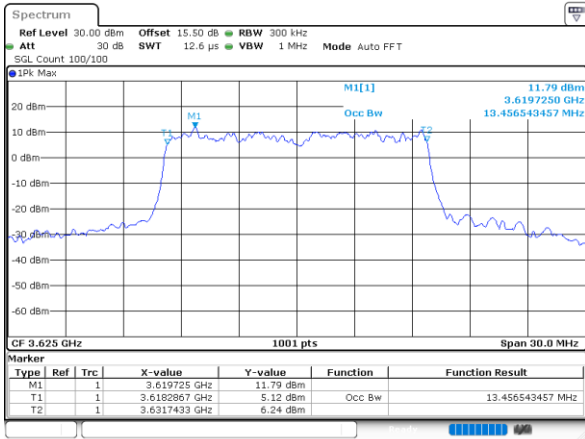
Lowest Channel / 15MHz / QPSK



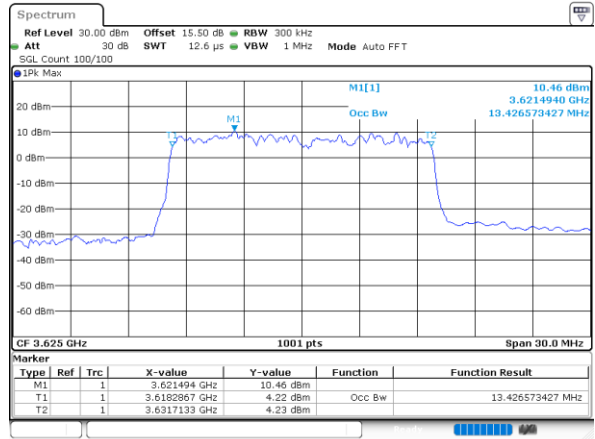
Lowest Channel / 15MHz / 16QAM



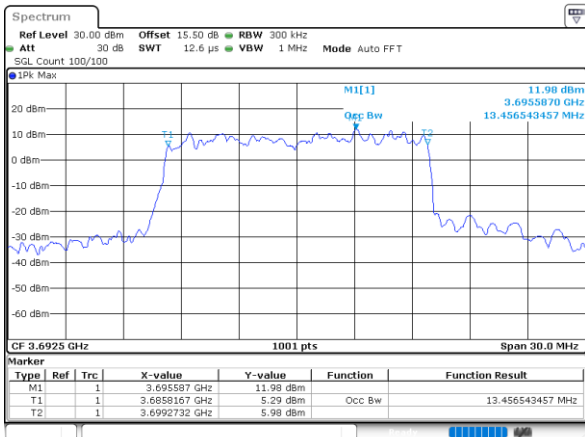
Middle Channel / 15MHz / QPSK



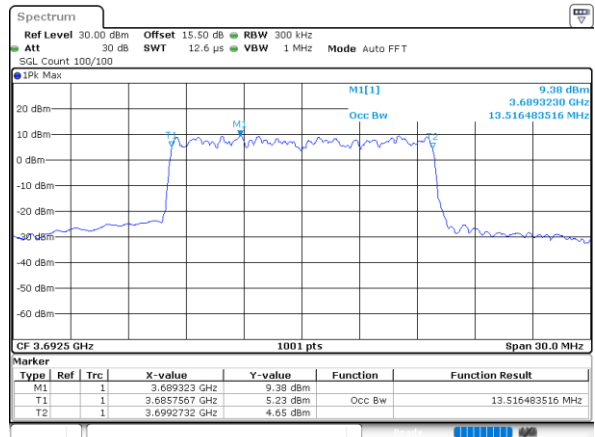
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



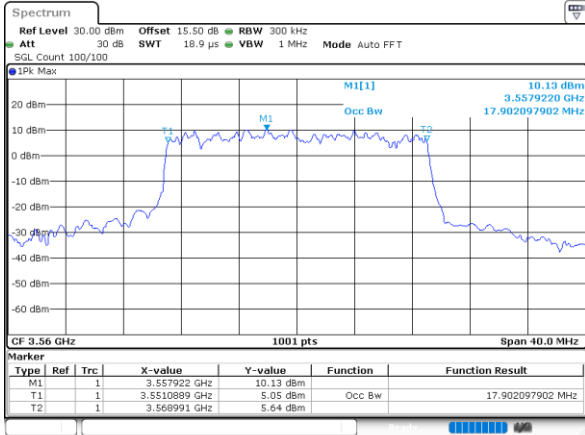
Highest Channel / 15MHz / 16QAM





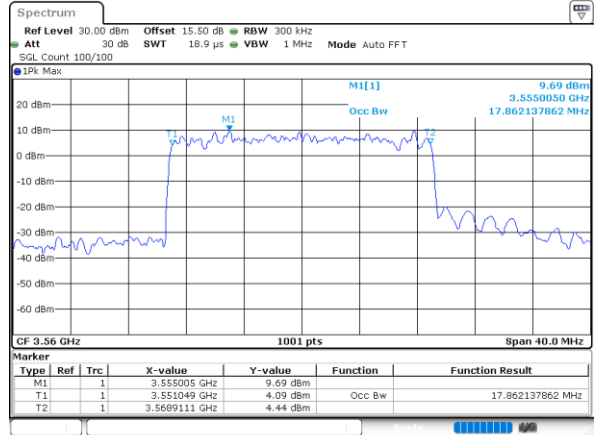
LTE Band 48

Lowest Channel / 20MHz / QPSK



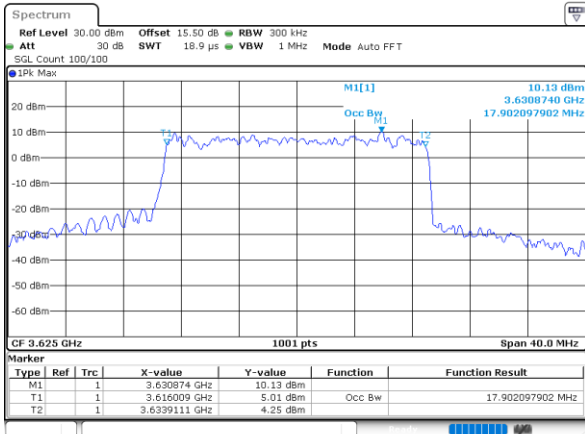
Date: 12.NOV.2022 15:42:15

Lowest Channel / 20MHz / 16QAM



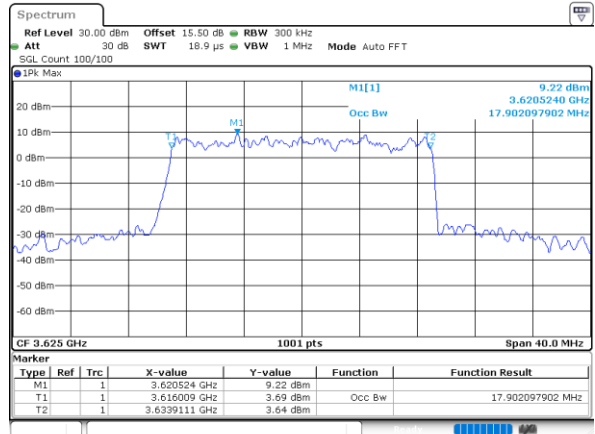
Date: 12.NOV.2022 15:42:39

Middle Channel / 20MHz / QPSK



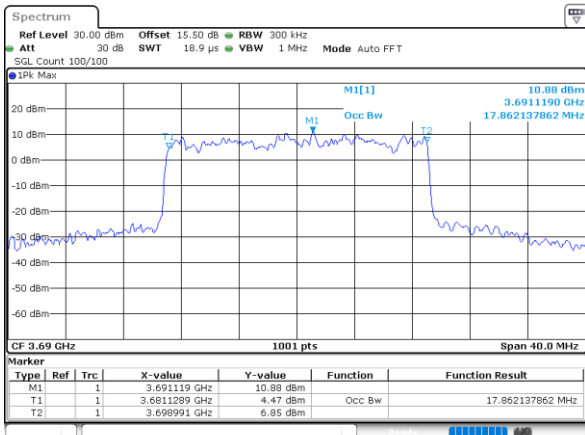
Date: 12.NOV.2022 15:43:50

Middle Channel / 20MHz / 16QAM



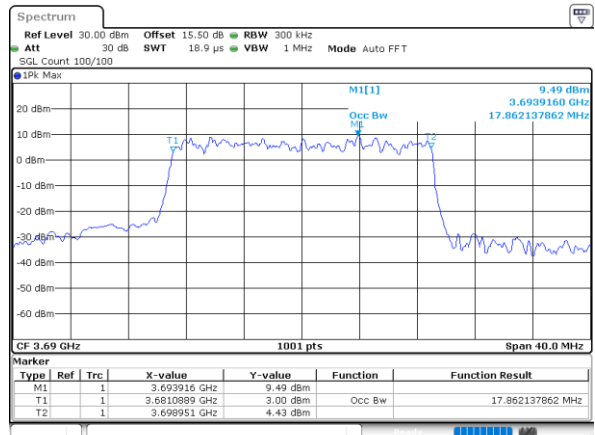
Date: 12.NOV.2022 15:44:13

Highest Channel / 20MHz / QPSK



Date: 12.NOV.2022 15:45:23

Highest Channel / 20MHz / 16QAM

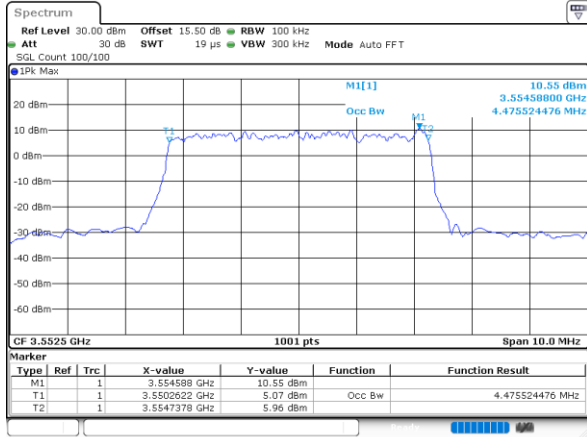


Date: 12.NOV.2022 15:45:47



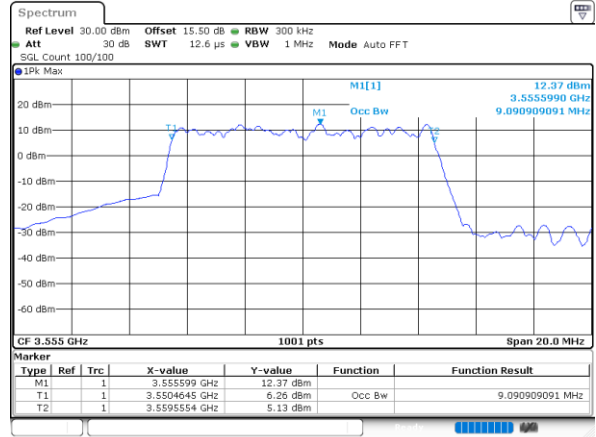
LTE Band 48

Lowest Channel / 5MHz / 64QAM



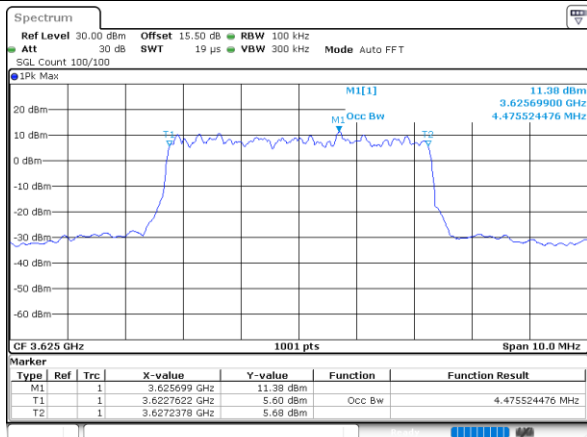
Date: 12.NOV.2022 15:47:00

Lowest Channel / 10MHz / 64QAM



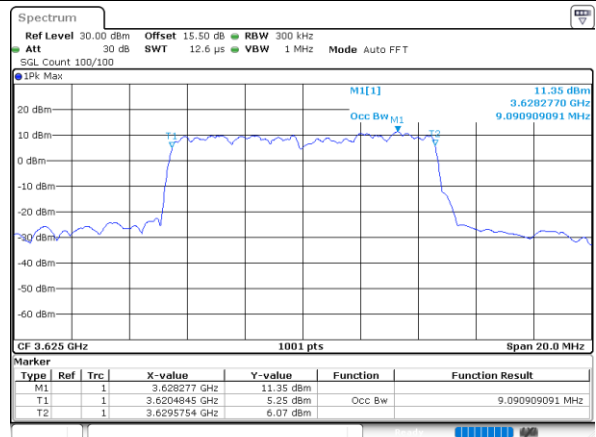
Date: 12.NOV.2022 15:48:55

Middle Channel / 5MHz / 64QAM



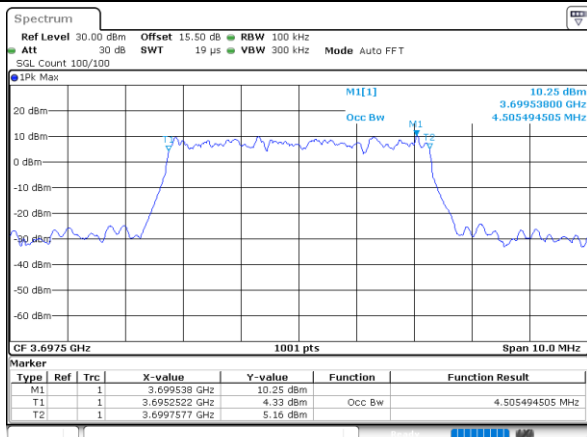
Date: 12.NOV.2022 15:47:38

Middle Channel / 10MHz / 64QAM



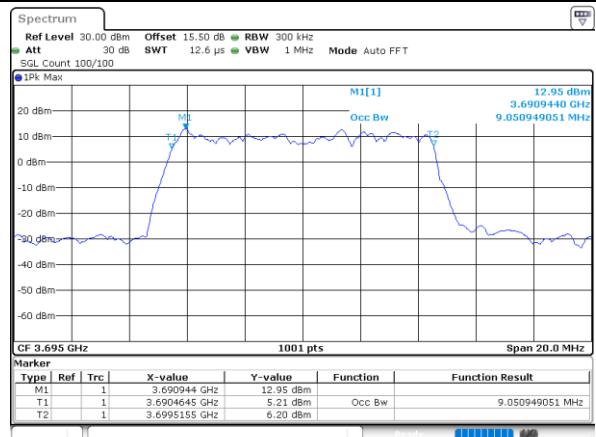
Date: 12.NOV.2022 15:49:33

Highest Channel / 5MHz / 64QAM



Date: 12.NOV.2022 15:48:16

Highest Channel / 10MHz / 64QAM



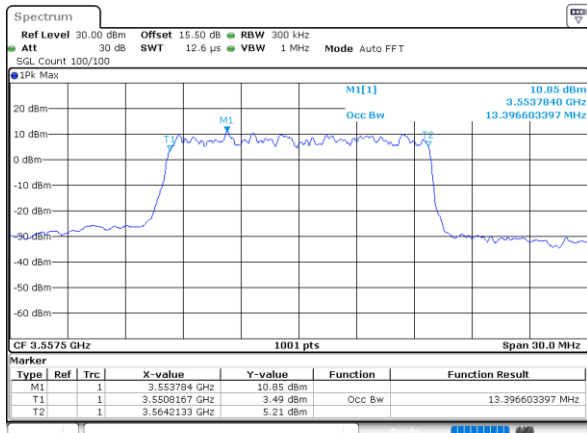
Date: 12.NOV.2022 15:50:11





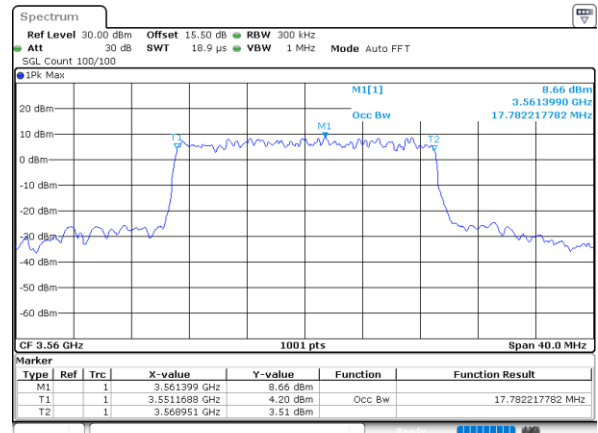
LTE Band 48

Lowest Channel / 15MHz / 64QAM



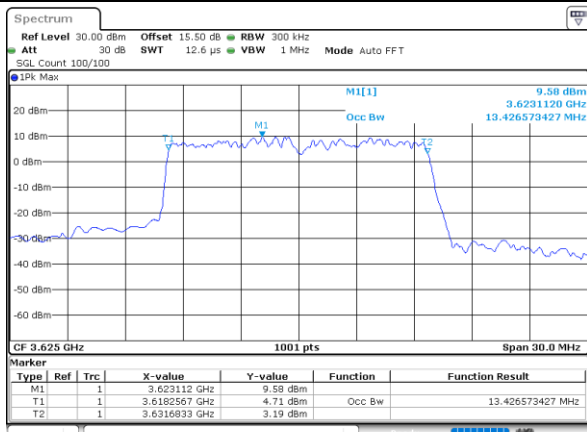
Date: 12.NOV.2022 15:50:50

Lowest Channel / 20MHz / 64QAM



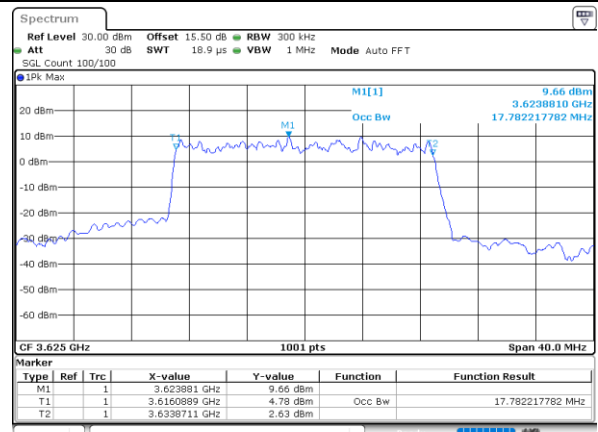
Date: 12.NOV.2022 15:52:45

Middle Channel / 15MHz / 64QAM



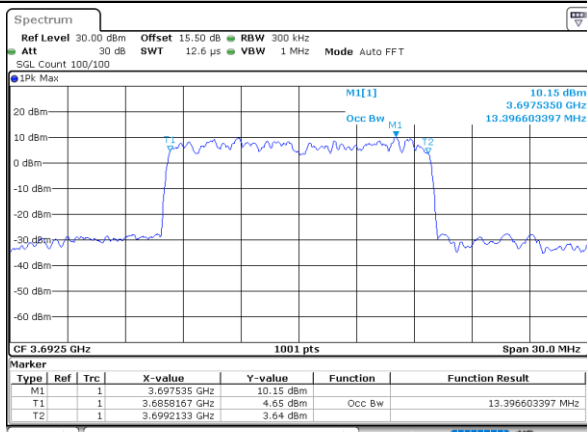
Date: 12.NOV.2022 15:51:28

Middle Channel / 20MHz / 64QAM



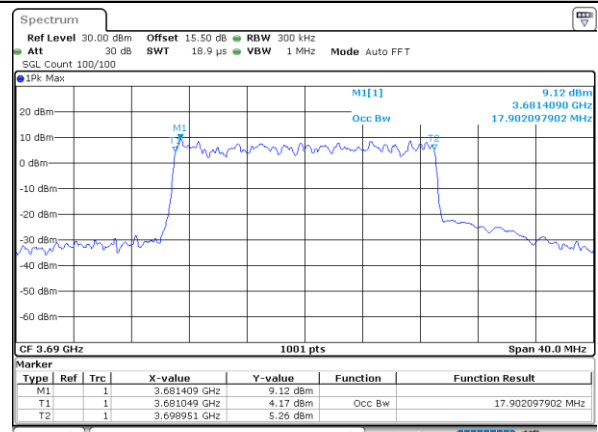
Date: 12.NOV.2022 15:53:23

Highest Channel / 15MHz / 64QAM



Date: 12.NOV.2022 15:52:06

Highest Channel / 20MHz / 64QAM



Date: 12.NOV.2022 15:54:01

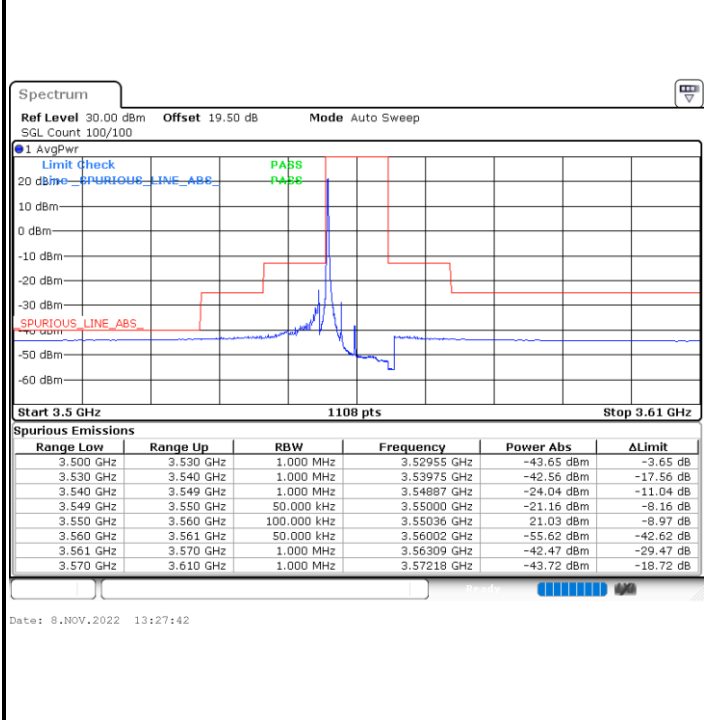


# Conducted Band Edge

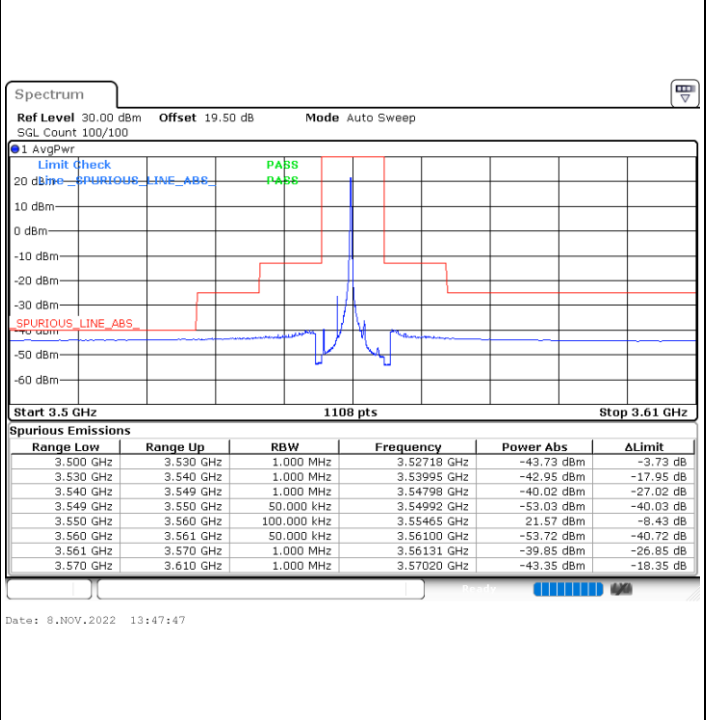
## LTE Band 48 / 5MHz

### QPSK

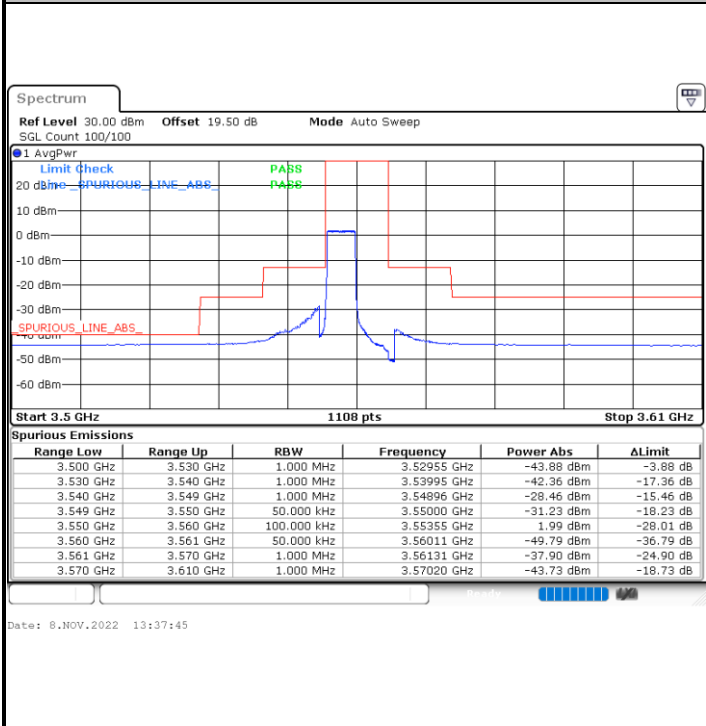
#### Lowest Channel / 1RB0



#### Lowest Channel / 1RBmax



#### Lowest Channel / FullRB



#### N/A

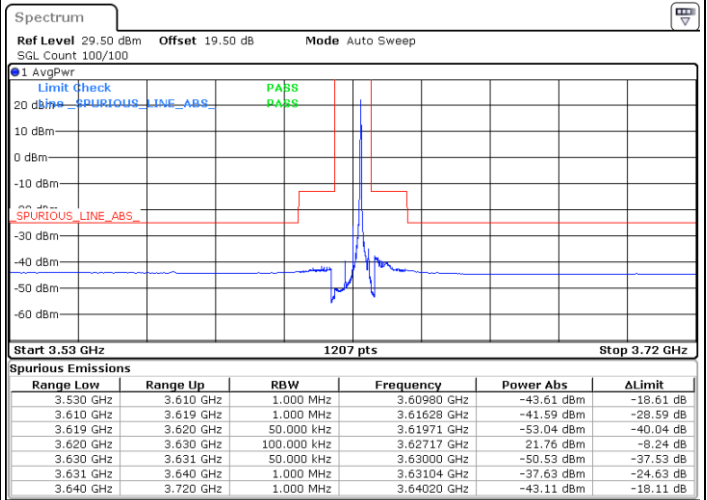
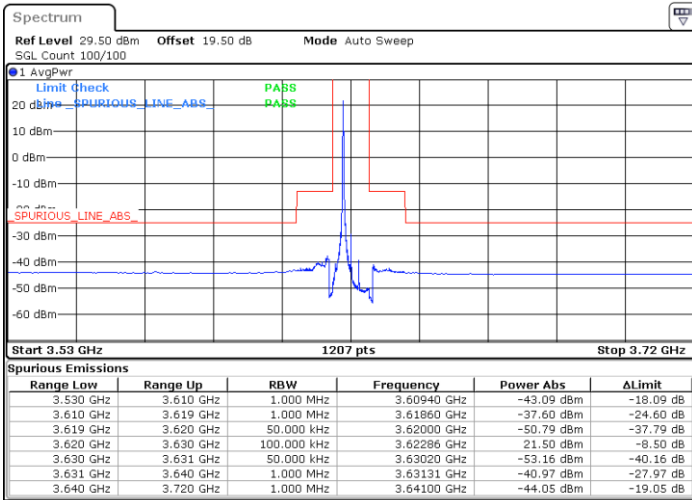


LTE Band 48 / 5MHz

QPSK

Middle Channel / 1RB0

Middle Channel / 1RBmax

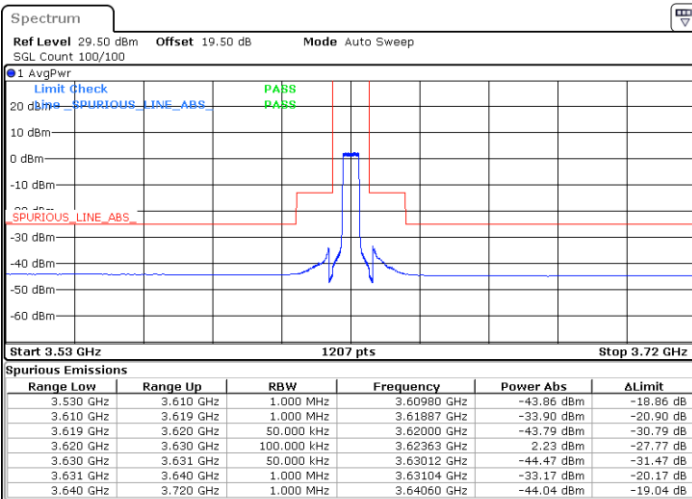


Date: 8.NOV.2022 13:33:17

Date: 8.NOV.2022 13:53:22

Middle Channel / FullIRB

N/A



Date: 8.NOV.2022 13:43:19

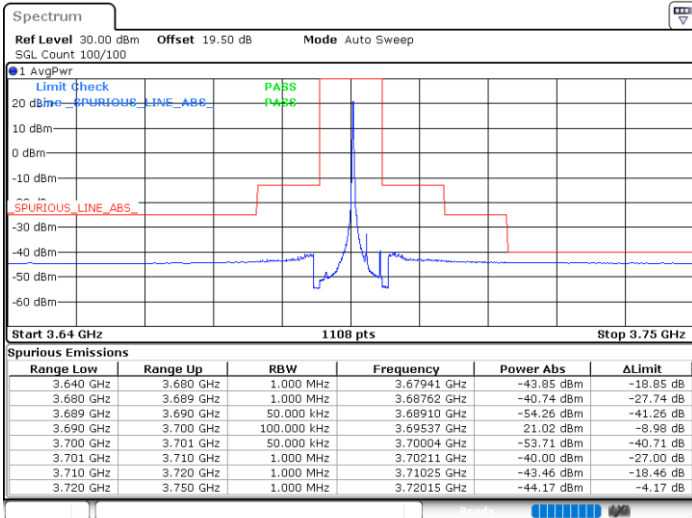


LTE Band 48 / 5MHz

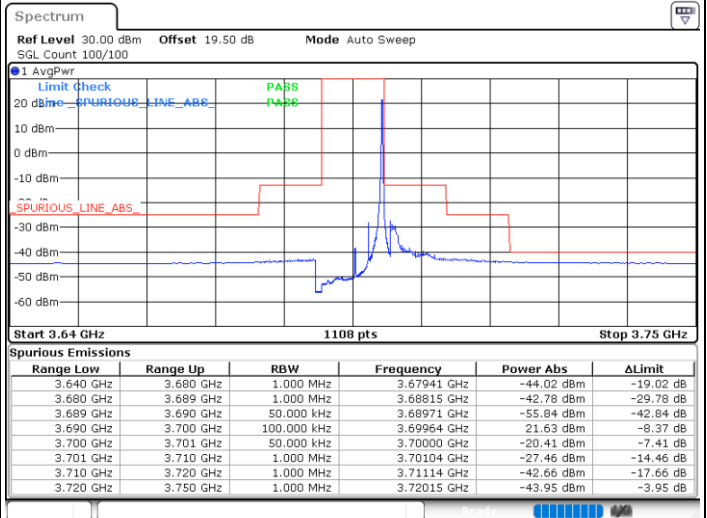
QPSK

Highest Channel / 1RB0

Highest Channel / 1RBmax



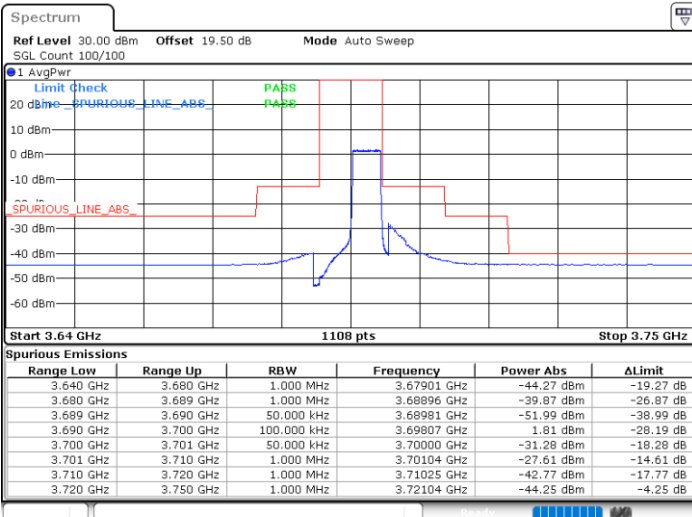
Date: 8.NOV.2022 13:34:24



Date: 8.NOV.2022 13:54:28

Highest Channel / FullIRB

N/A



Date: 8.NOV.2022 13:44:26

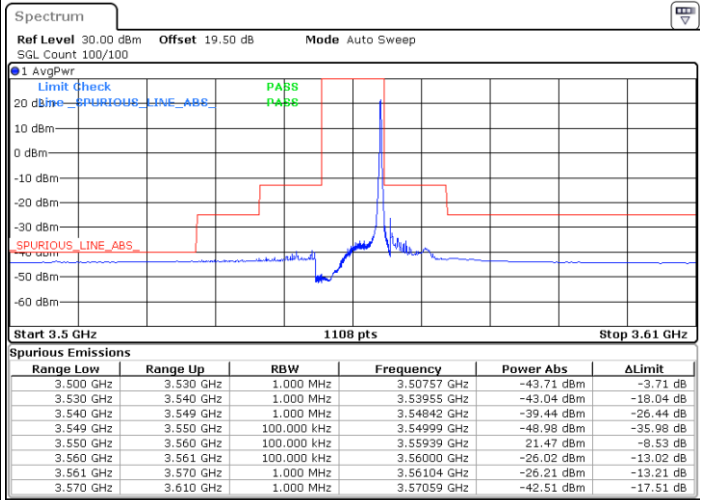
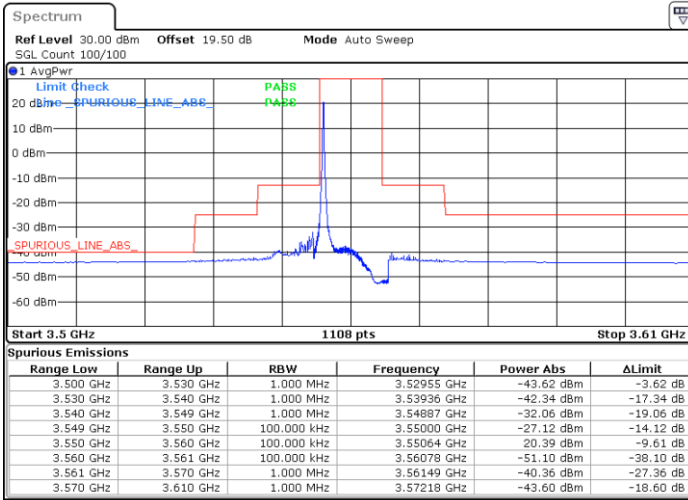


LTE Band 48 / 10MHz

QPSK

Lowest Channel / 1RB0

Lowest Channel / 1RBmax

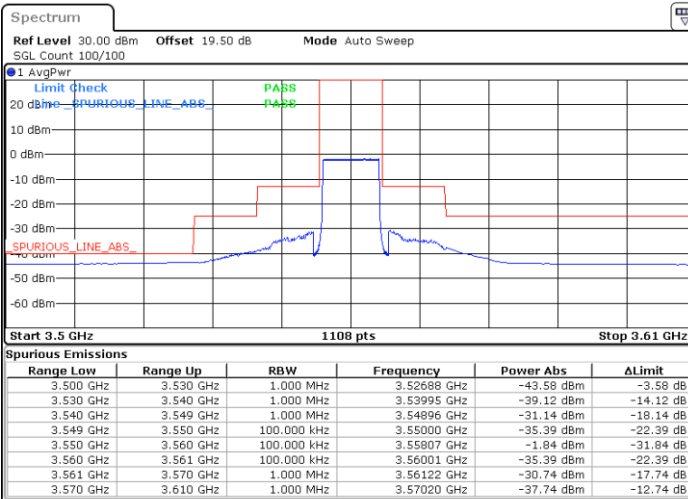


Date: 8.NOV.2022 14:14:56

Date: 8.NOV.2022 14:35:04

Lowest Channel / FullRB

N/A



Date: 8.NOV.2022 14:25:00

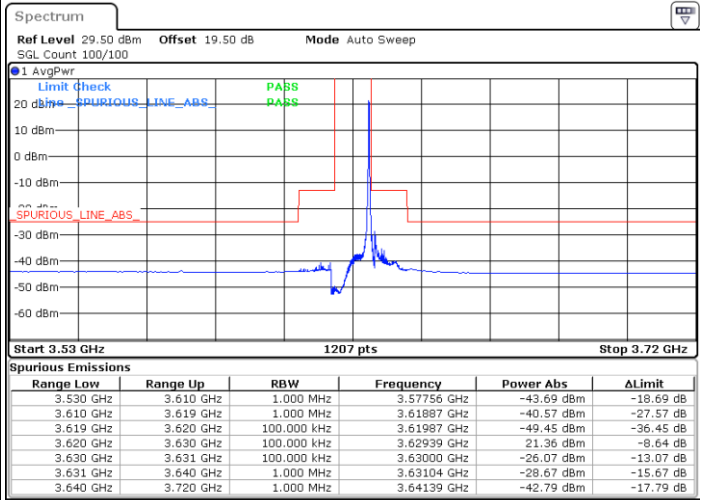
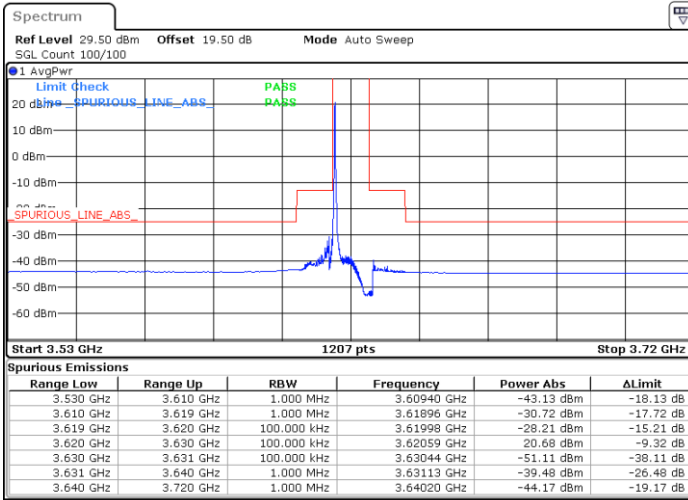


LTE Band 48 / 10MHz

QPSK

MiddleChannel / 1RB0

Middle Channel / 1RBmax

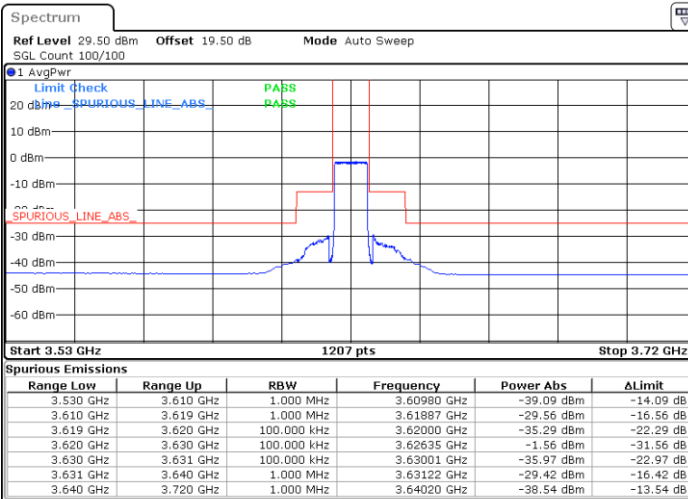


Date: 8.NOV.2022 14:16:03

Date: 8.NOV.2022 14:36:11

Middle Channel / FullRB

N/A



Date: 8.NOV.2022 14:26:07