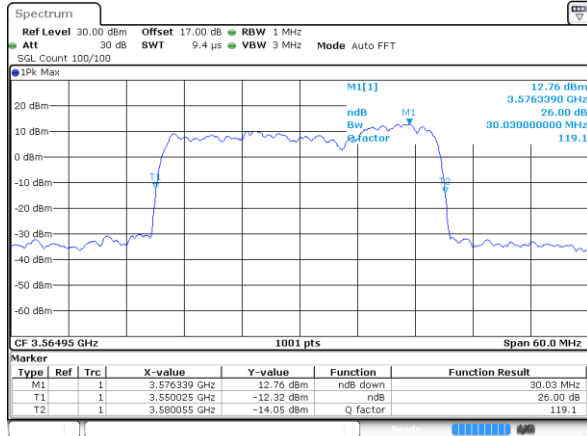




LTE Band 48C

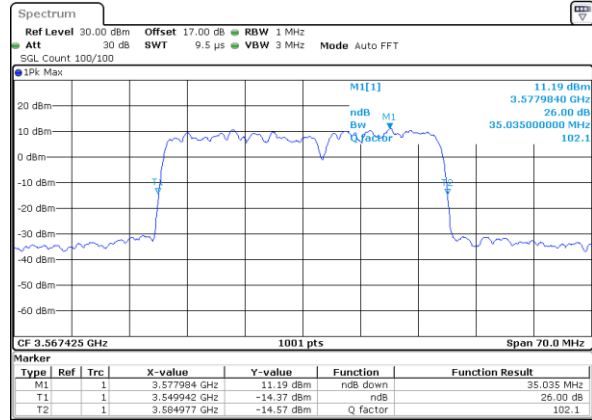
QPSK

Lowest Channel / 20MHz+10MHz



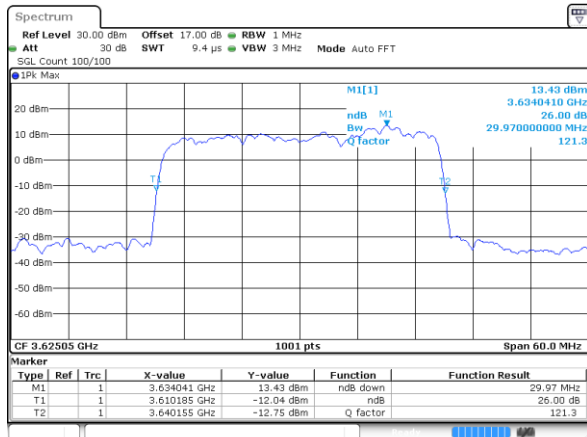
Date: 6 AUG 2020 10:02:12

Lowest Channel / 20MHz+15MHz



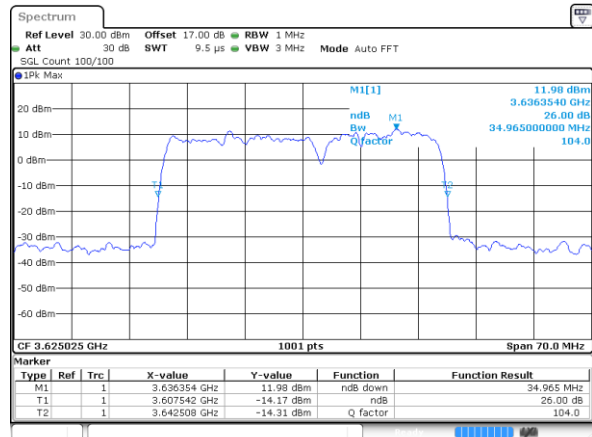
Date: 6 AUG 2020 09:35:15

Middle Channel / 20MHz+10MHz



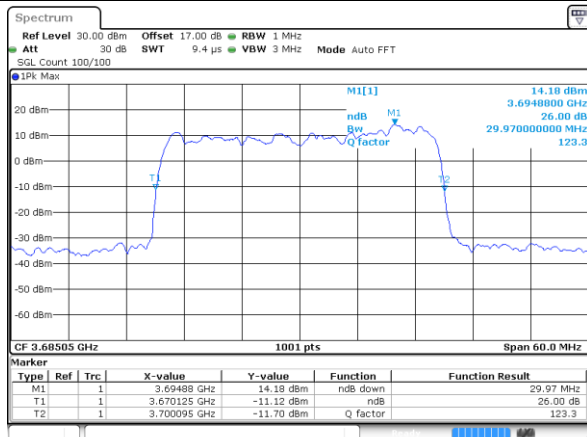
Date: 6 AUG 2020 10:06:20

Middle Channel / 20MHz+15MHz



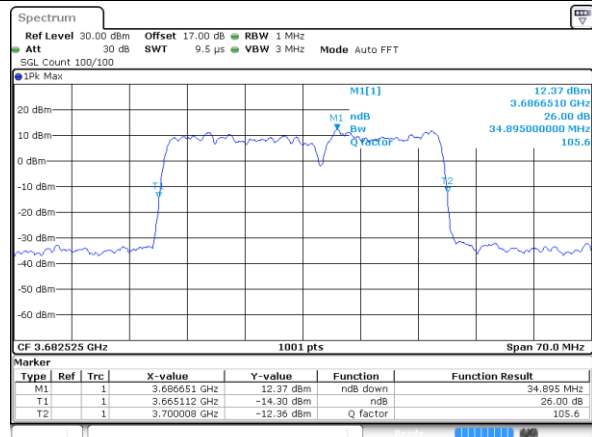
Date: 6 AUG 2020 09:40:36

Highest Channel / 20MHz+10MHz



Date: 6 AUG 2020 10:09:20

Highest Channel / 20MHz+15MHz



Date: 6 AUG 2020 09:44:37

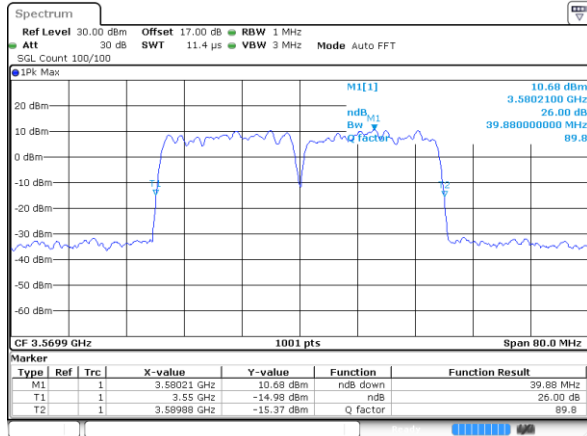


LTE Band 48C

QPSK

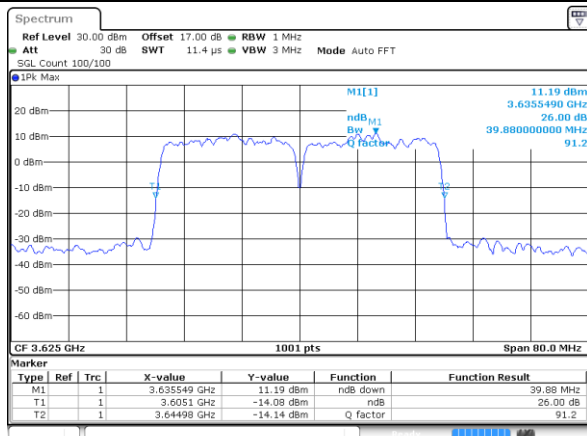
Lowest Channel / 20MHz+20MHz

N/A



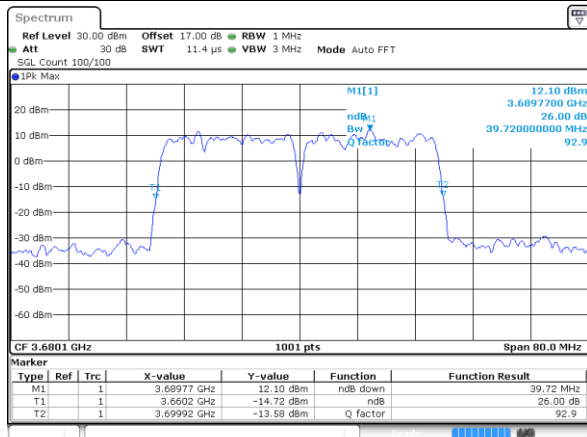
Middle Channel / 20MHz+20MHz

N/A



Highest Channel / 20MHz+20MHz

N/A

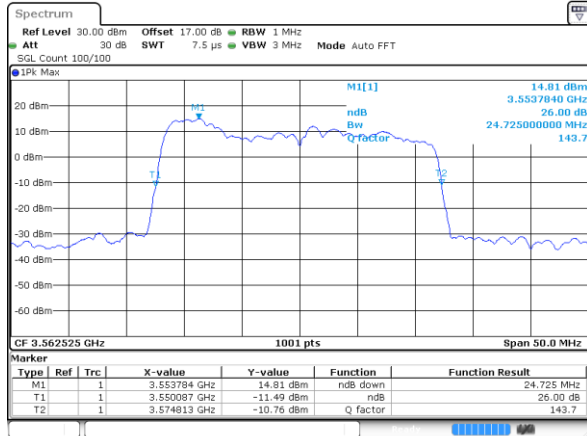




LTE Band 48C

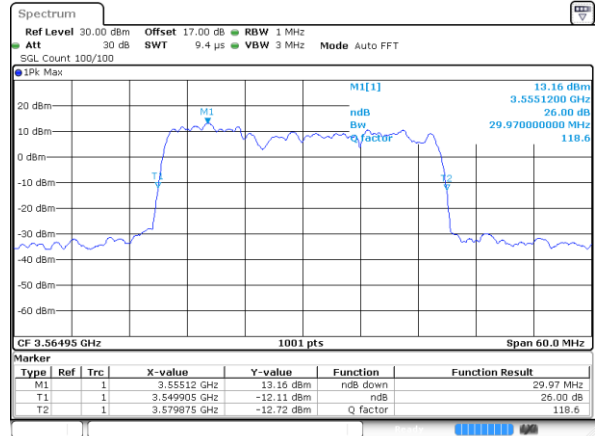
16QAM

Lowest Channel / 5MHz+20MHz



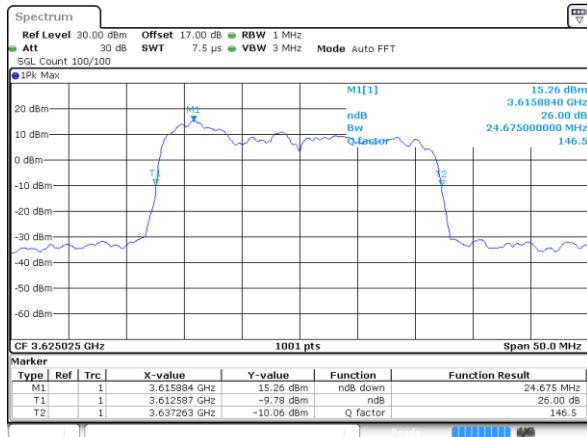
Date: 6 AUG 2020 10:54:08

Lowest Channel / 10MHz+20MHz



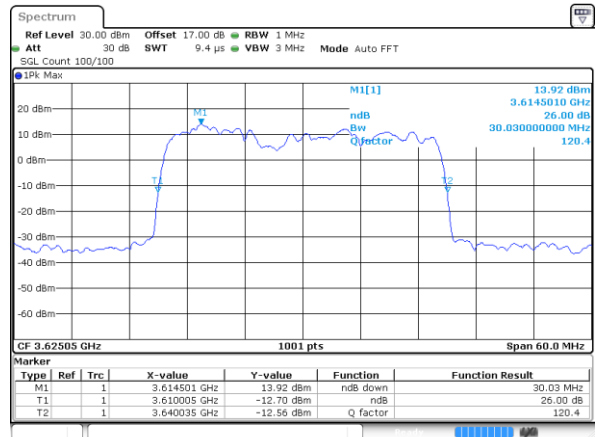
Date: 6 AUG 2020 10:17:11

Middle Channel / 5MHz+20MHz



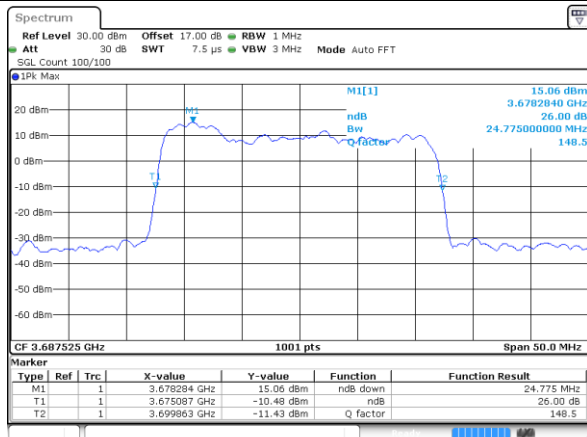
Date: 6 AUG 2020 10:57:13

Middle Channel / 10MHz+20MHz



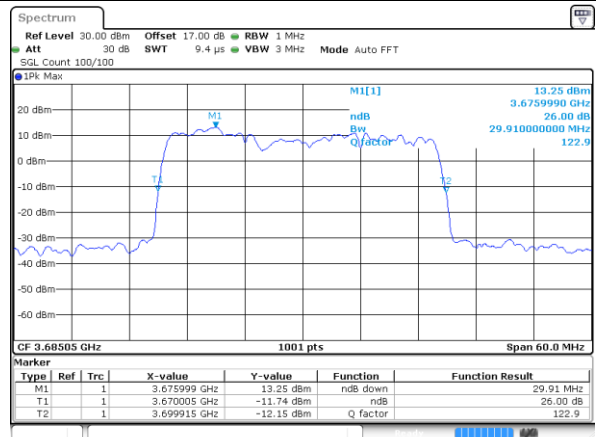
Date: 6 AUG 2020 10:23:26

Highest Channel / 5MHz+20MHz



Date: 6 AUG 2020 11:00:14

Highest Channel / 10MHz+20MHz



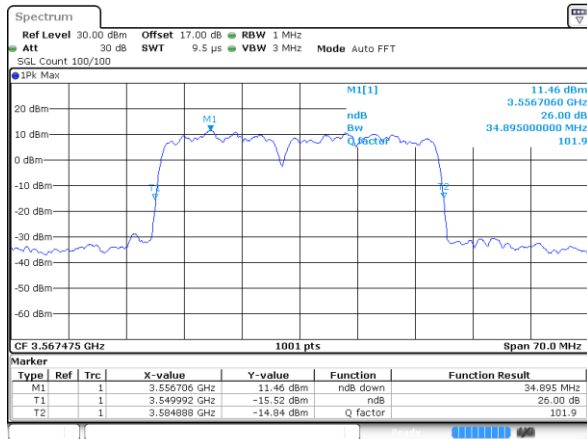
Date: 6 AUG 2020 10:27:17



LTE Band 48C

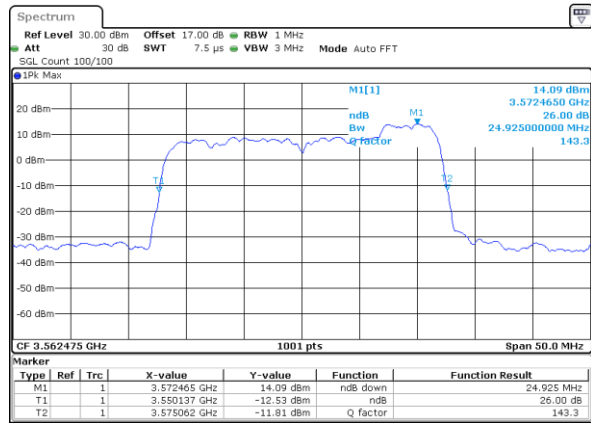
16QAM

Lowest Channel / 15MHz+20MHz



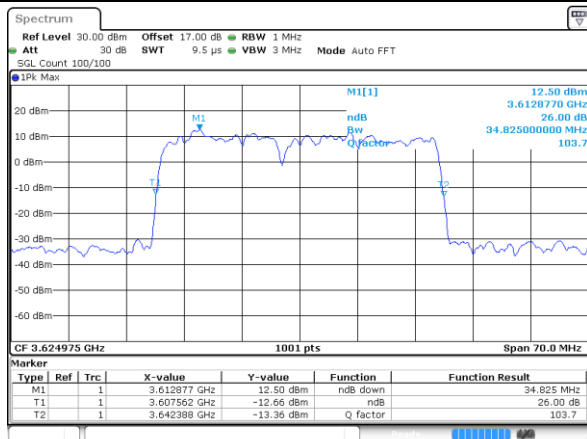
Date: 6 AUG 2020 09:48:38

Lowest Channel / 20MHz+5MHz



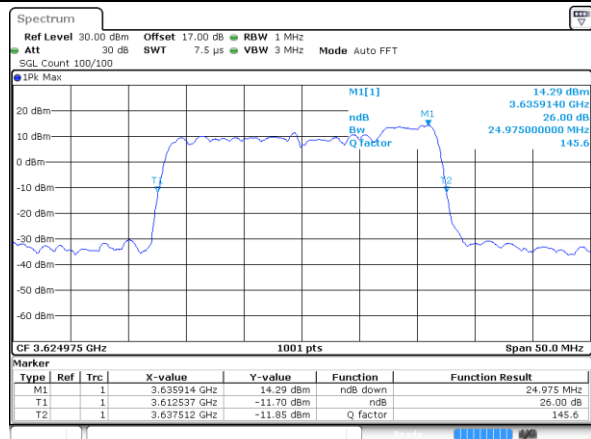
Date: 6 AUG 2020 10:31:05

Middle Channel / 15MHz+20MHz



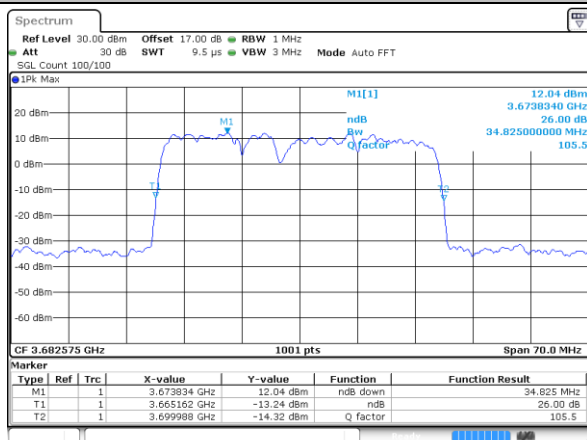
Date: 6 AUG 2020 09:52:47

Middle Channel / 20MHz+5MHz



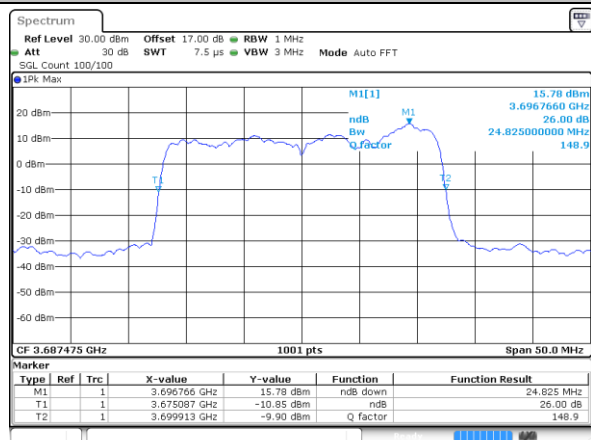
Date: 6 AUG 2020 10:35:25

Highest Channel / 15MHz+20MHz



Date: 6 AUG 2020 09:55:51

Highest Channel / 20MHz+5MHz



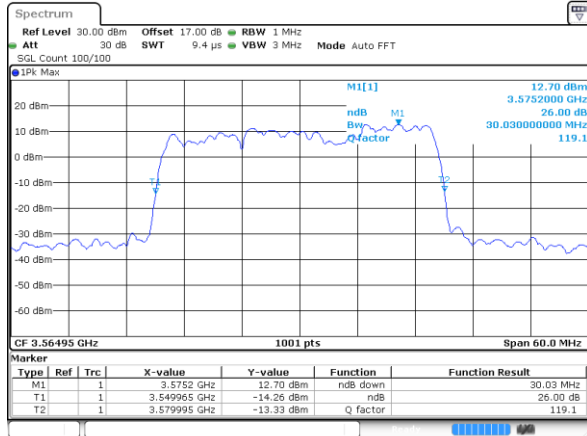
Date: 6 AUG 2020 10:39:32



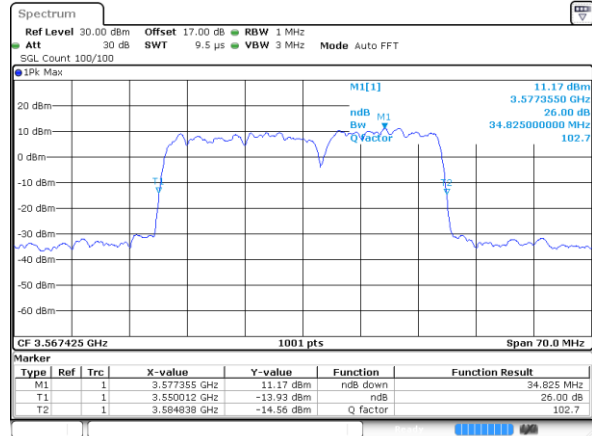
LTE Band 48C

16QAM

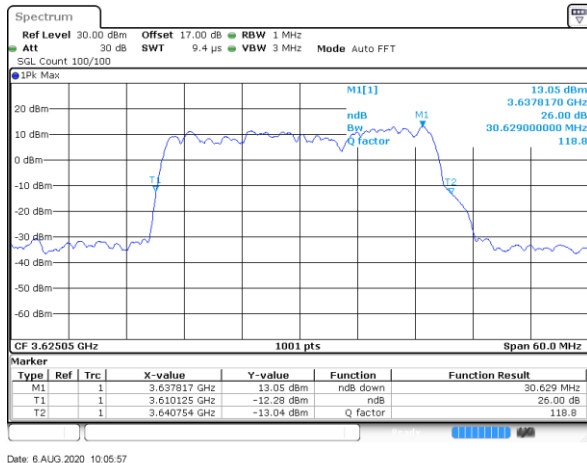
Lowest Channel / 20MHz+10MHz



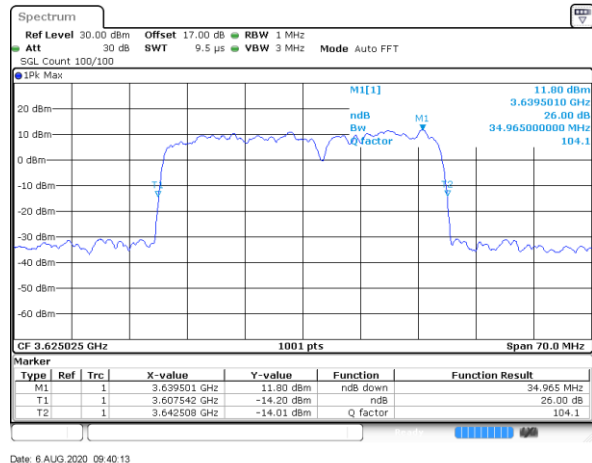
Lowest Channel / 20MHz+15MHz



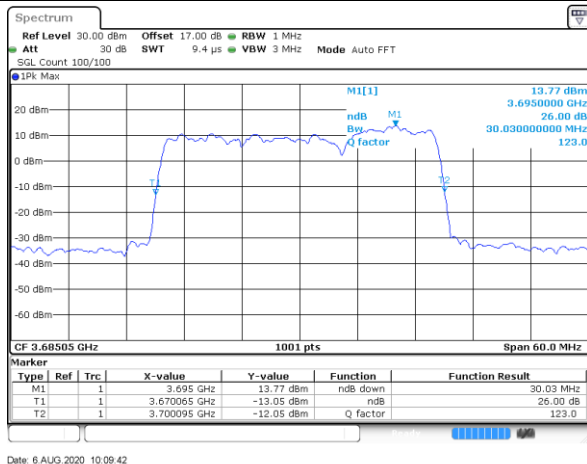
Middle Channel / 20MHz+10MHz



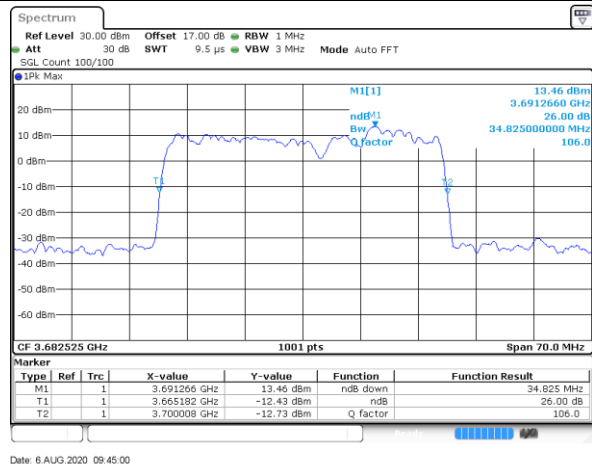
Middle Channel / 20MHz+15MHz



Highest Channel / 20MHz+10MHz



Highest Channel / 20MHz+15MHz



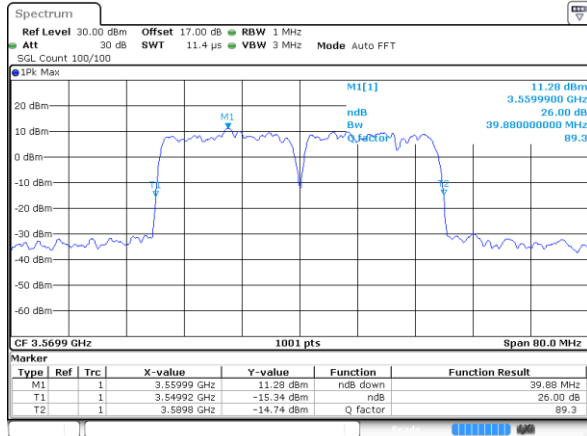


LTE Band 48C

16QAM

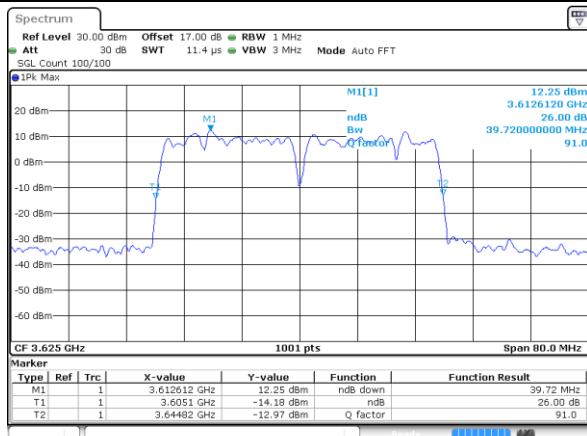
Lowest Channel / 20MHz+20MHz

N/A



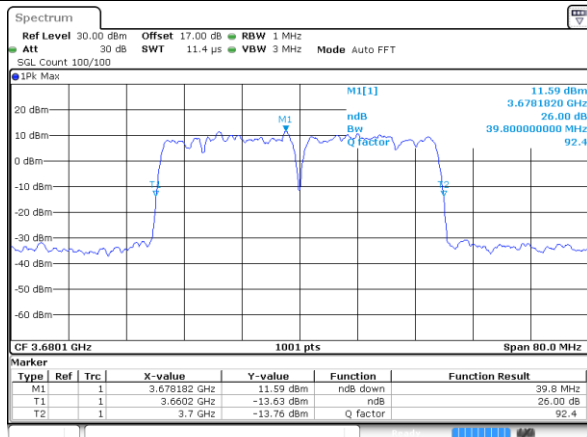
Middle Channel / 20MHz+20MHz

N/A



Highest Channel / 20MHz+20MHz

N/A

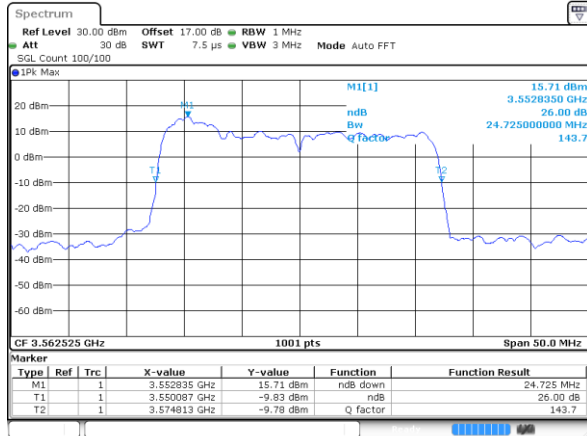




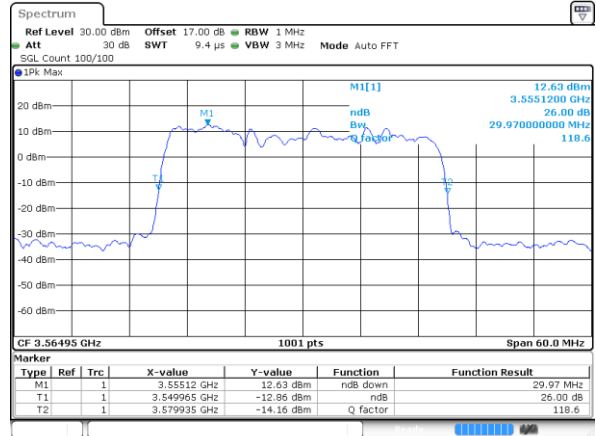
LTE Band 48C

64QAM

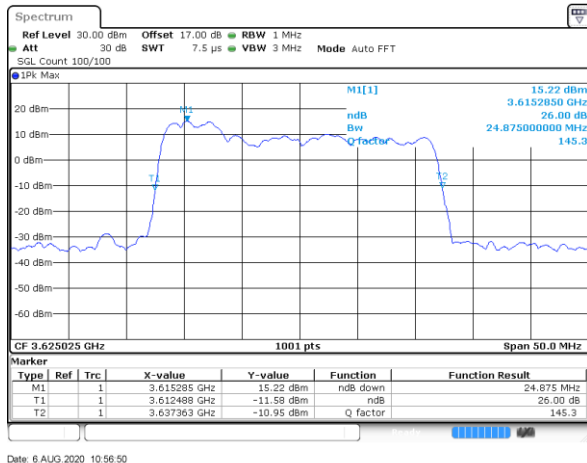
Lowest Channel / 5MHz+20MHz



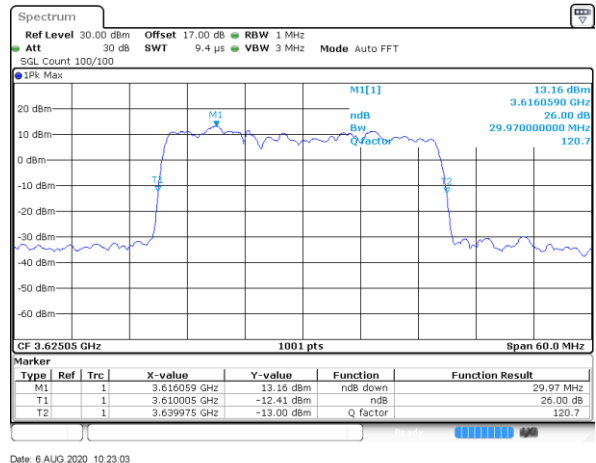
Lowest Channel / 10MHz+20MHz



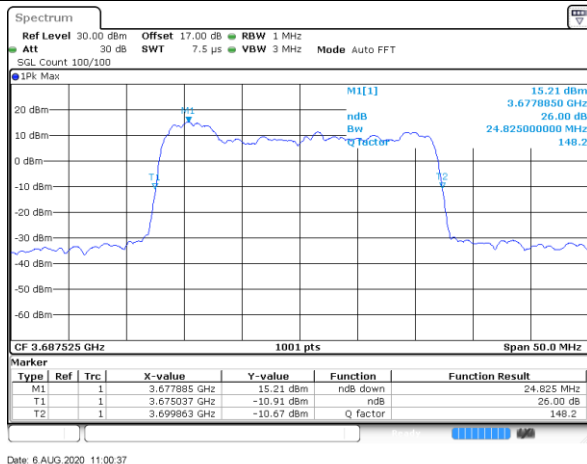
Middle Channel / 5MHz+20MHz



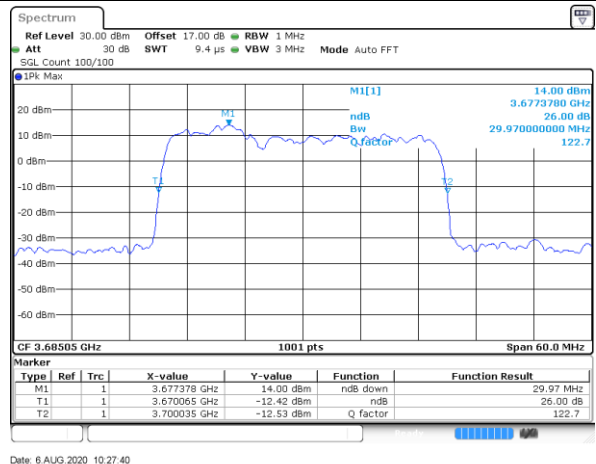
Middle Channel / 10MHz+20MHz



Highest Channel / 5MHz+20MHz



Highest Channel / 10MHz+20MHz

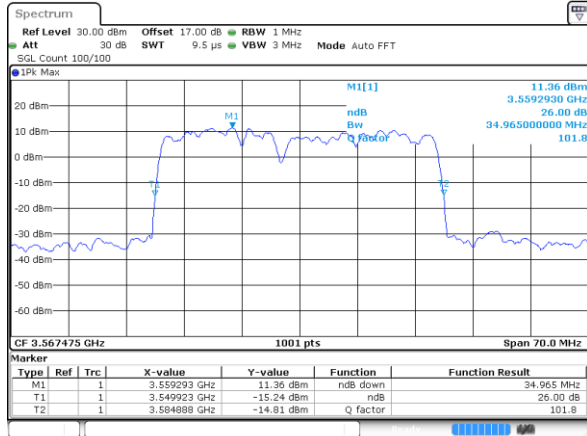




LTE Band 48C

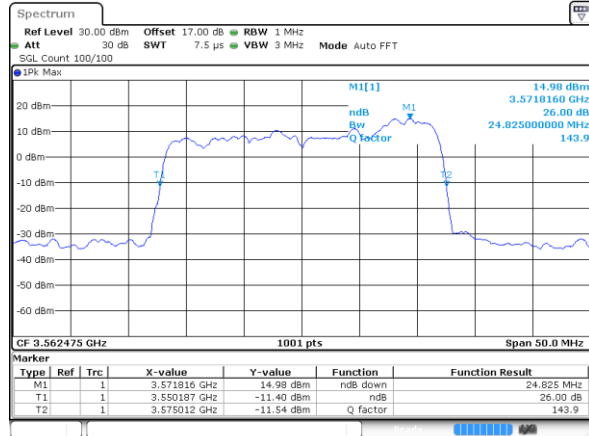
64QAM

Lowest Channel / 15MHz+20MHz



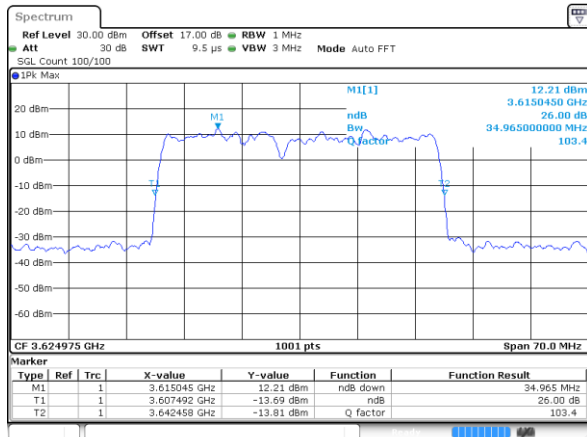
Date: 6 AUG 2020 09:48:15

Lowest Channel / 20MHz+5MHz



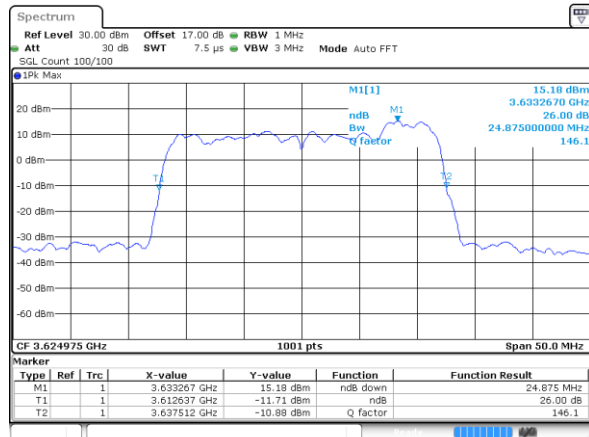
Date: 6 AUG 2020 10:30:43

Middle Channel / 15MHz+20MHz



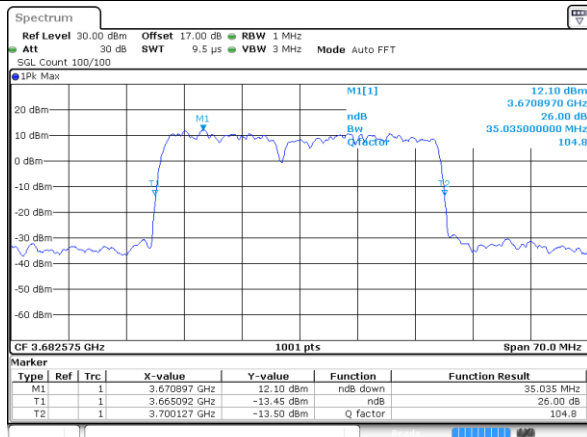
Date: 6 AUG 2020 09:52:24

Middle Channel / 20MHz+5MHz



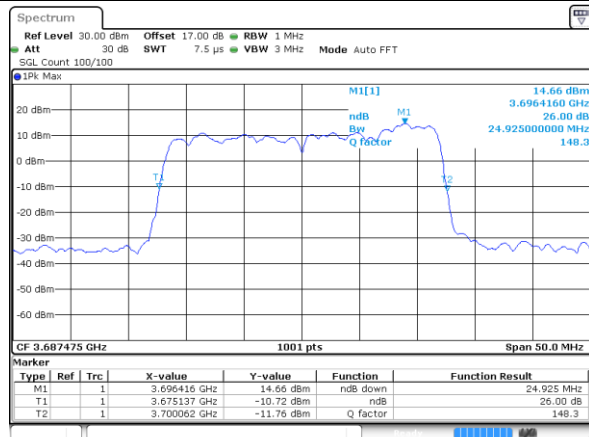
Date: 6 AUG 2020 10:35:02

Highest Channel / 15MHz+20MHz



Date: 6 AUG 2020 09:56:13

Highest Channel / 20MHz+5MHz



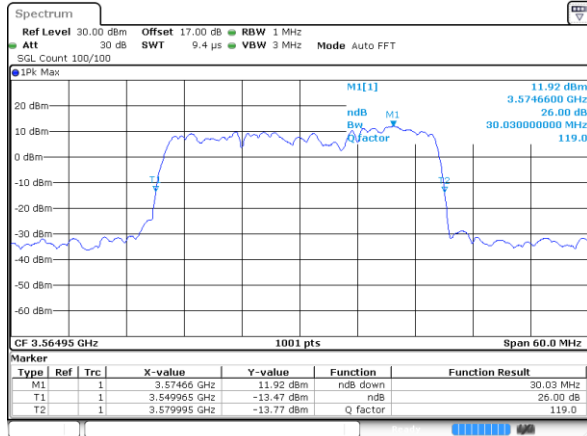
Date: 6 AUG 2020 10:39:55



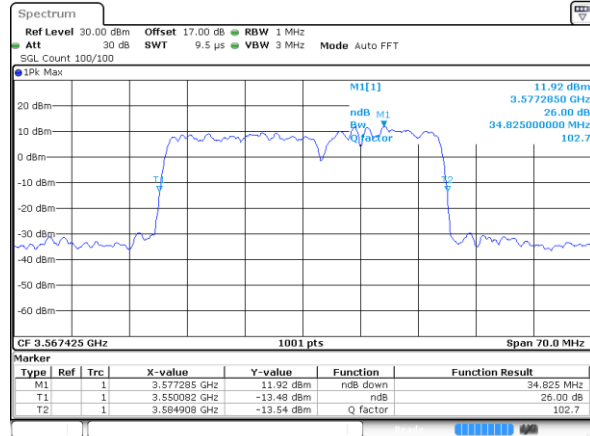
LTE Band 48C

64QAM

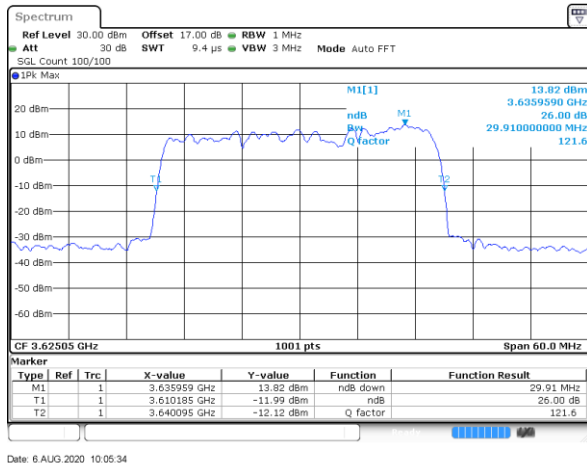
Lowest Channel / 20MHz+10MHz



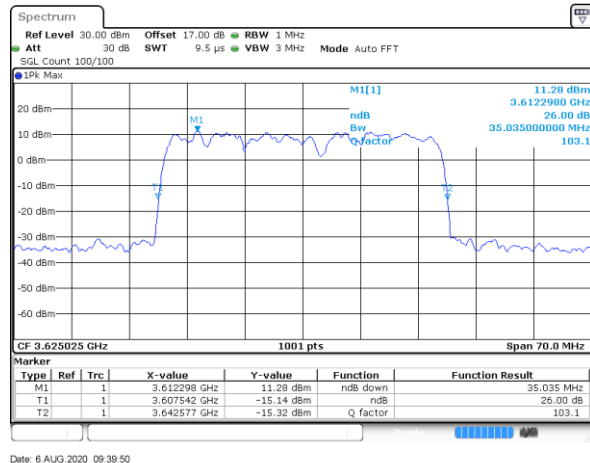
Lowest Channel / 20MHz+15MHz



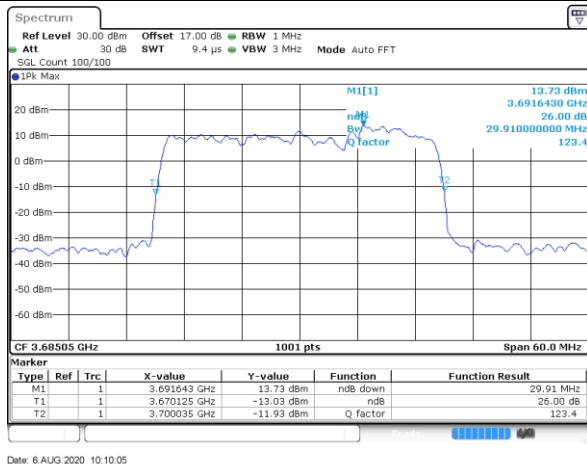
Middle Channel / 20MHz+10MHz



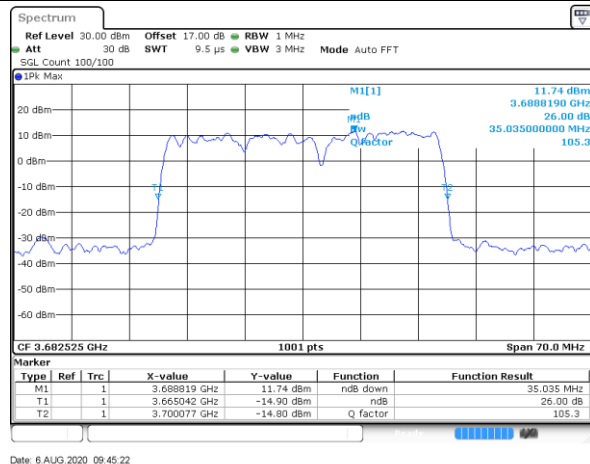
Middle Channel / 20MHz+15MHz



Highest Channel / 20MHz+10MHz



Highest Channel / 20MHz+15MHz



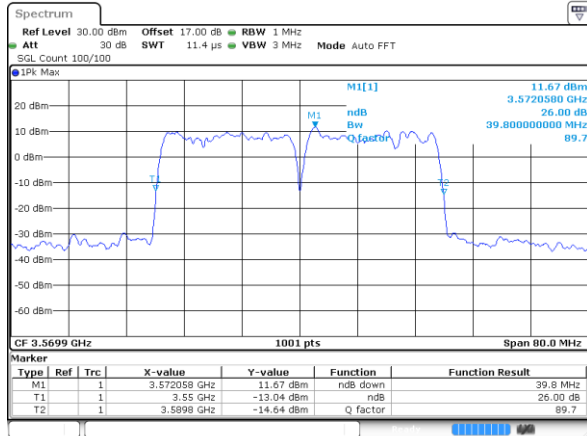


LTE Band 48C

64QAM

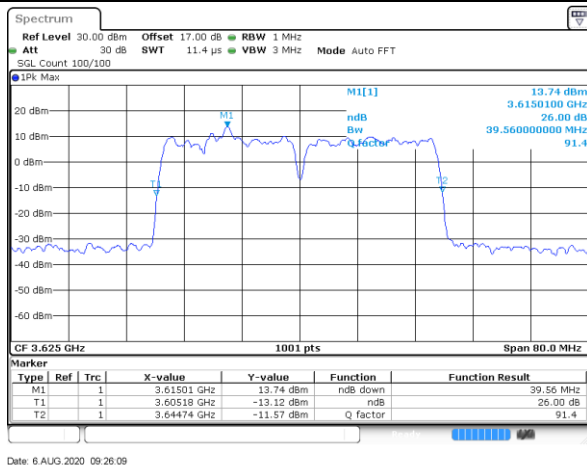
Lowest Channel / 20MHz+20MHz

N/A



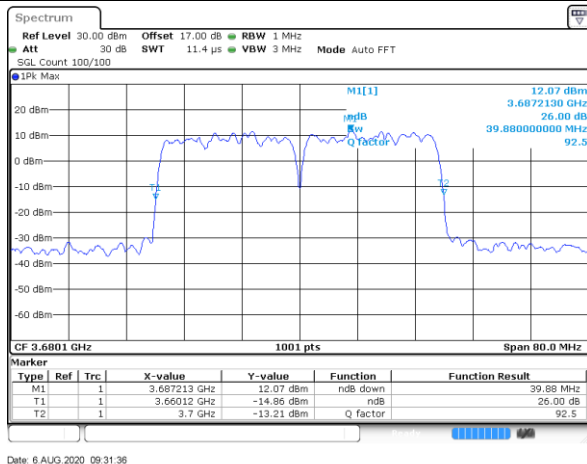
Middle Channel / 20MHz+20MHz

N/A



Highest Channel / 20MHz+20MHz

N/A



Occupied Bandwidth

Mode	LTE Band 48C : 99%OBW(MHz)			
QPSK				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Lowest CH	23.23	27.87	32.87	23.28
Middle CH	23.43	27.99	33.01	23.33
Highest CH	23.18	28.17	32.94	23.28
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	28.17	33.01	37.48	-
Middle CH	27.99	32.87	37.64	-
Highest CH	27.99	32.87	37.80	-

Mode	LTE Band 48C : 99%OBW(MHz)			
16QAM				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Lowest CH	23.28	28.17	33.01	23.23
Middle CH	23.18	28.11	32.87	23.28
Highest CH	23.23	27.87	32.66	23.23
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	27.99	32.80	37.72	-
Middle CH	28.11	32.80	37.64	-
Highest CH	28.11	32.94	37.88	-

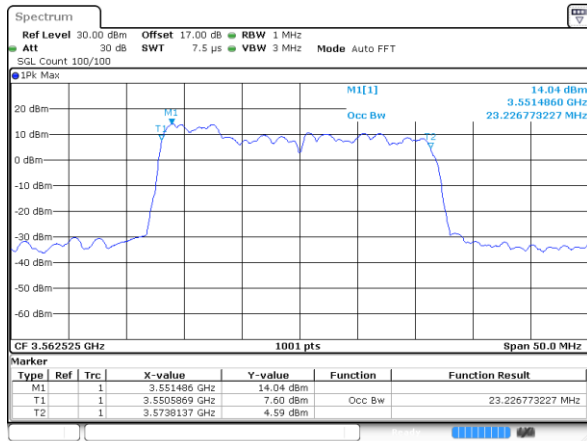
Mode	LTE Band 48C : 99%OBW(MHz)			
64QAM				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Lowest CH	23.18	27.93	32.73	23.18
Middle CH	23.23	28.05	32.80	23.18
Highest CH	23.13	28.05	32.87	23.13
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	27.93	32.87	37.48	-
Middle CH	27.93	32.94	37.72	-
Highest CH	28.05	32.87	37.80	-



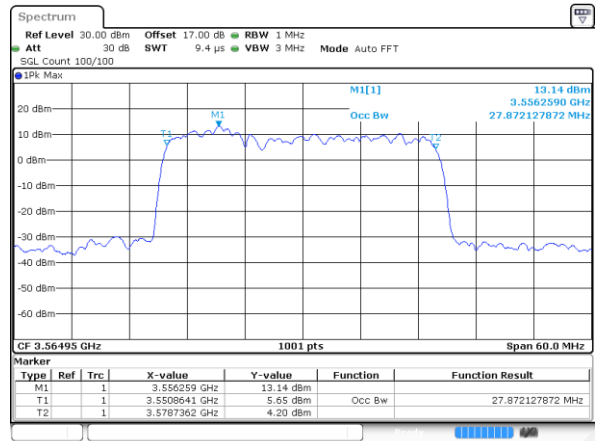
LTE Band 48C

QPSK

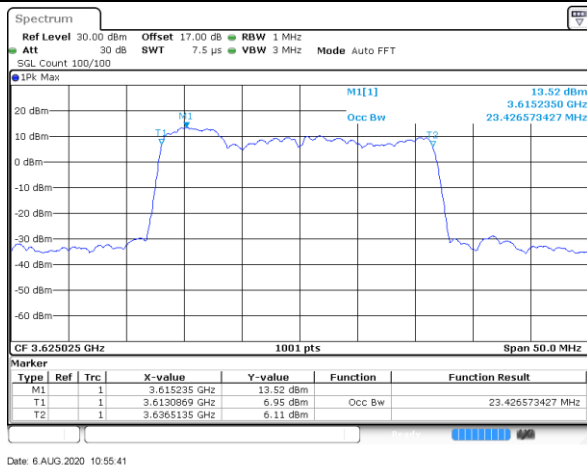
Lowest Channel / 5MHz+20MHz



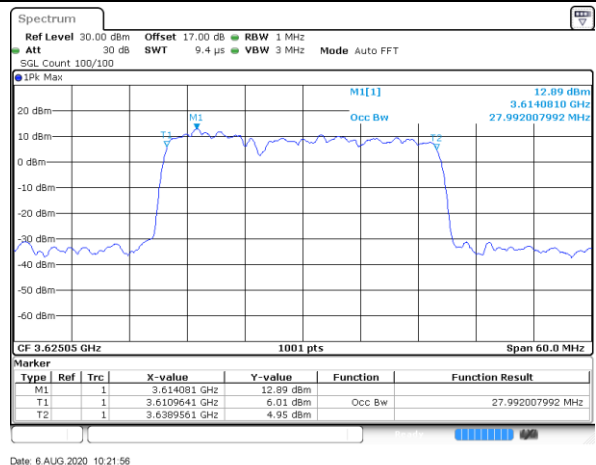
Lowest Channel / 10MHz+20MHz



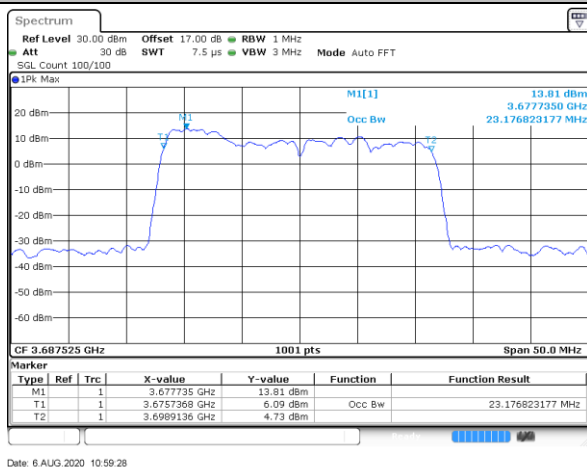
Middle Channel / 5MHz+20MHz



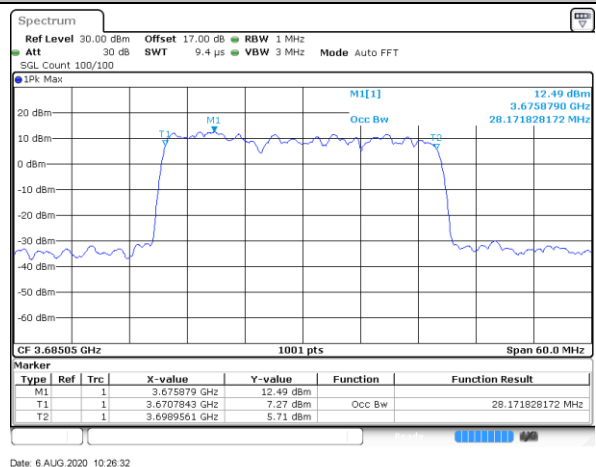
Middle Channel / 10MHz+20MHz



Highest Channel / 5MHz+20MHz



Highest Channel / 10MHz+20MHz

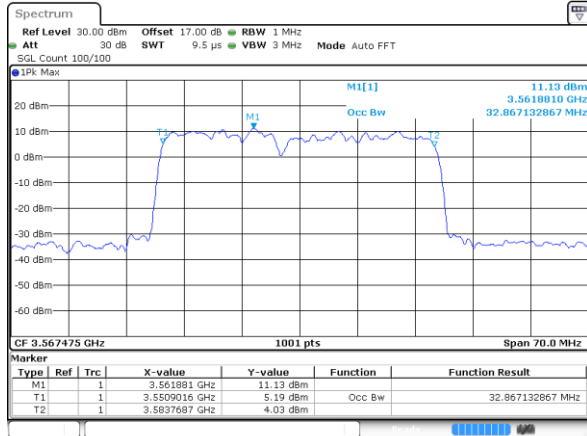




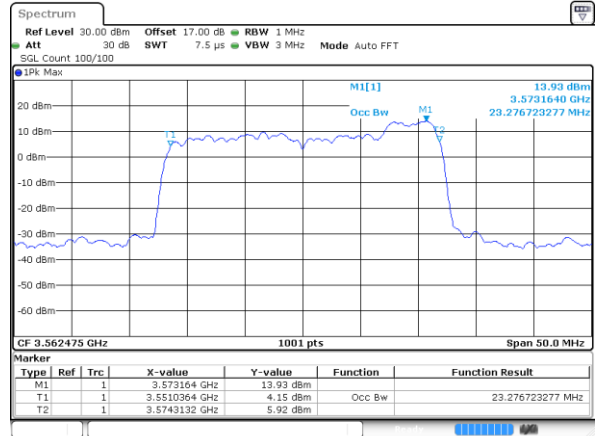
LTE Band 48C

QPSK

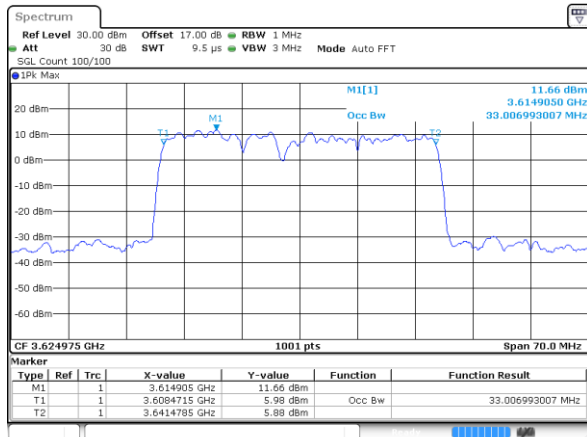
Lowest Channel / 15MHz+20MHz



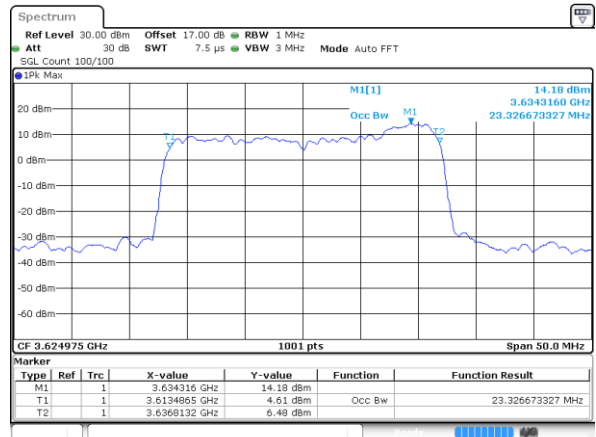
Lowest Channel / 20MHz+5MHz



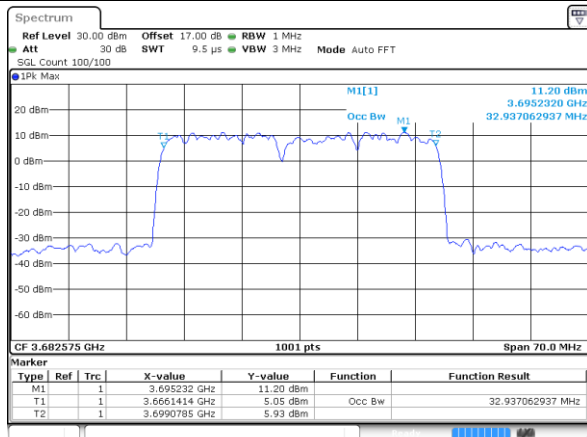
Middle Channel / 15MHz+20MHz



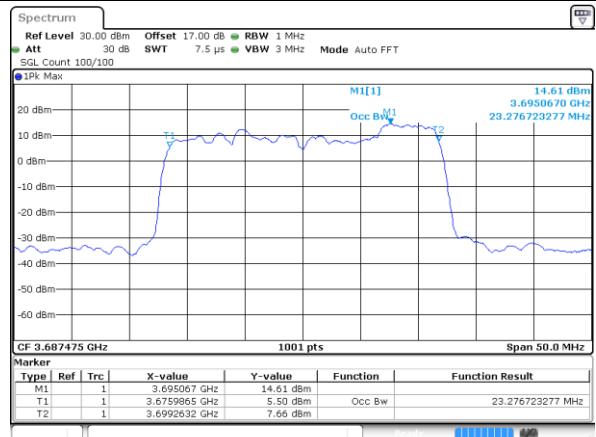
Middle Channel / 20MHz+5MHz



Highest Channel / 15MHz+20MHz



Highest Channel / 20MHz+5MHz

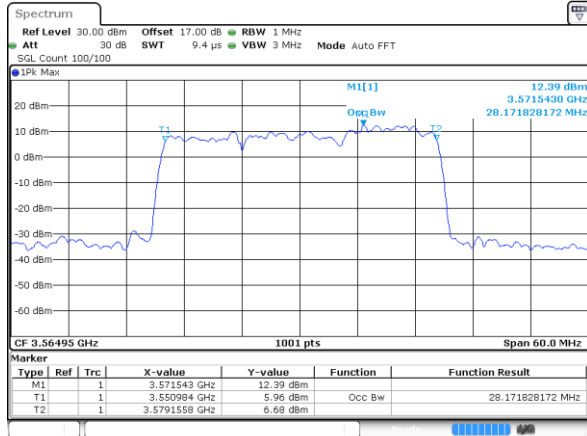




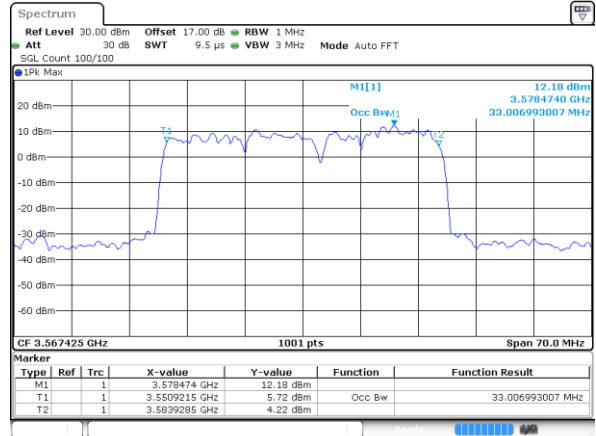
LTE Band 48C

QPSK

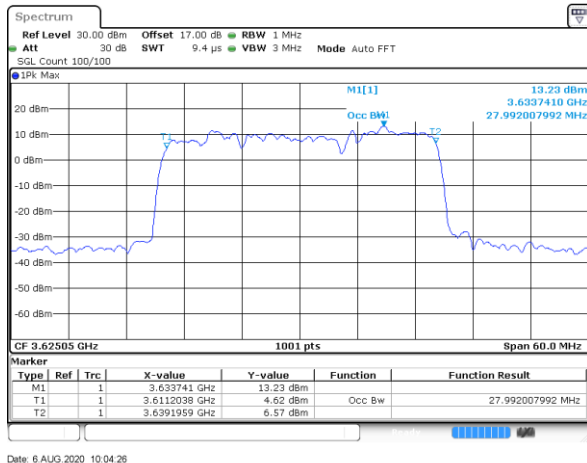
Lowest Channel / 20MHz+10MHz



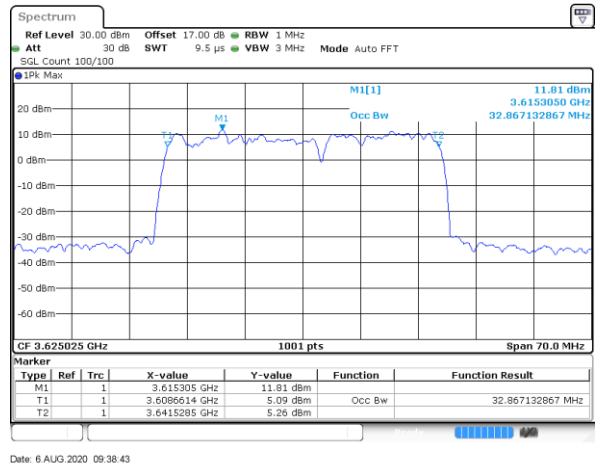
Lowest Channel / 20MHz+15MHz



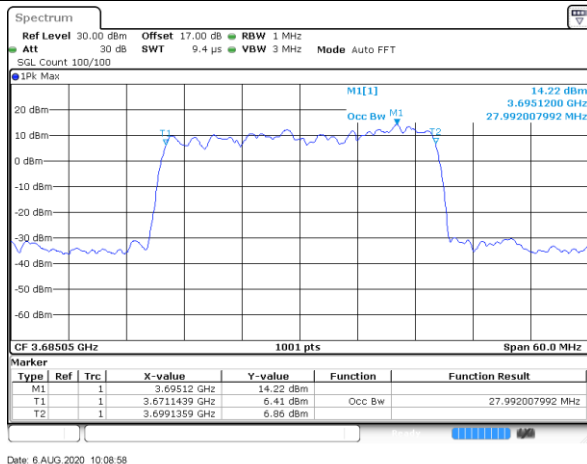
Middle Channel / 20MHz+10MHz



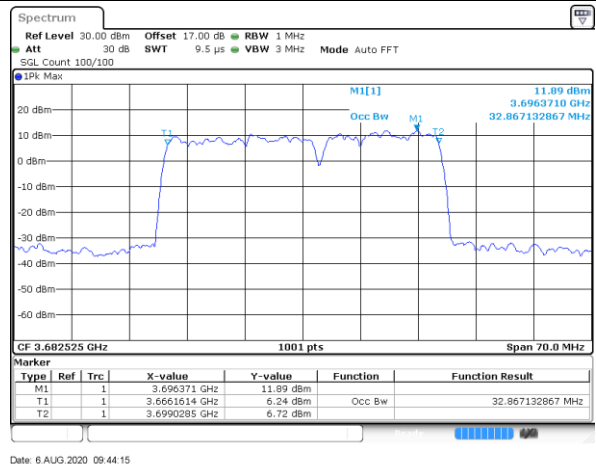
Middle Channel / 20MHz+15MHz



Highest Channel / 20MHz+10MHz



Highest Channel / 20MHz+15MHz



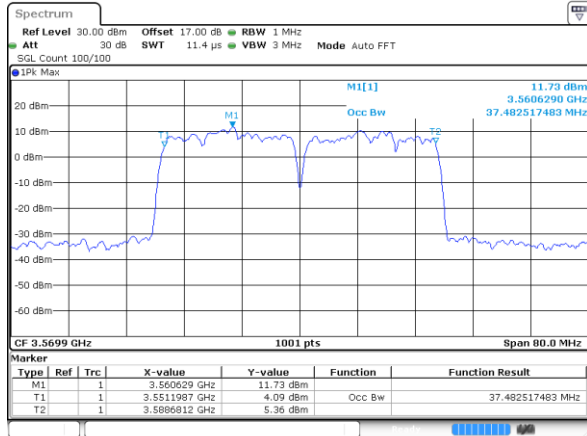


LTE Band 48C

QPSK

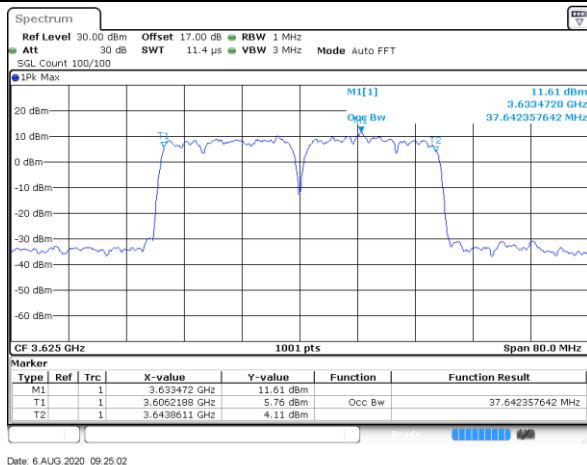
Lowest Channel / 20MHz+20MHz

N/A



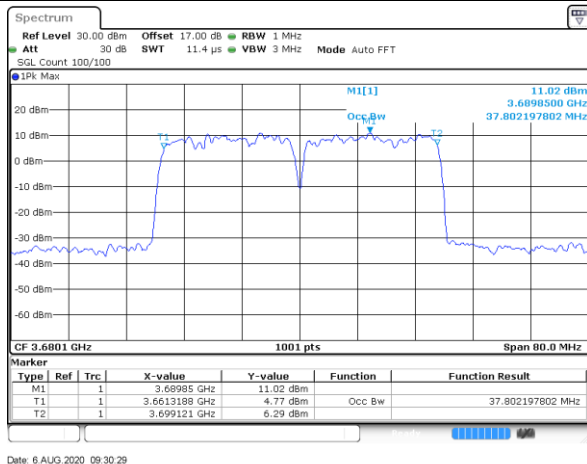
Middle Channel / 20MHz+20MHz

N/A



Highest Channel / 20MHz+20MHz

N/A

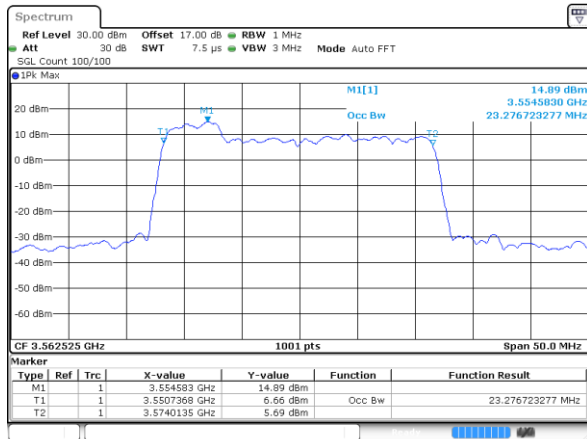




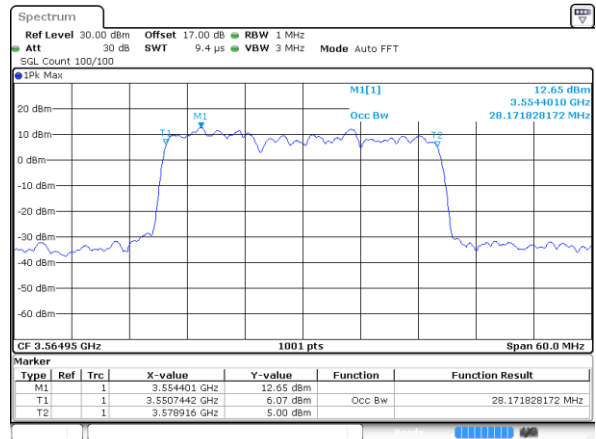
LTE Band 48C

16QAM

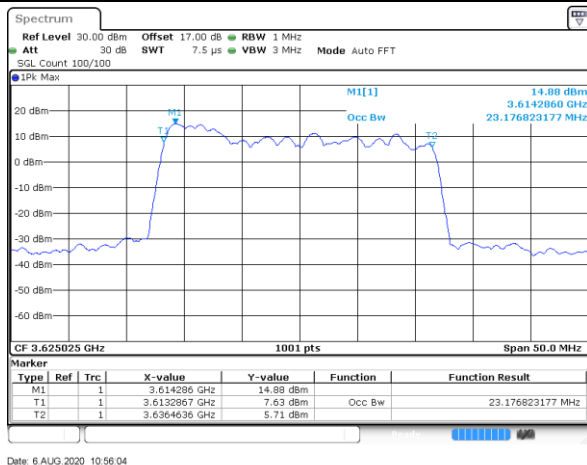
Lowest Channel / 5MHz+20MHz



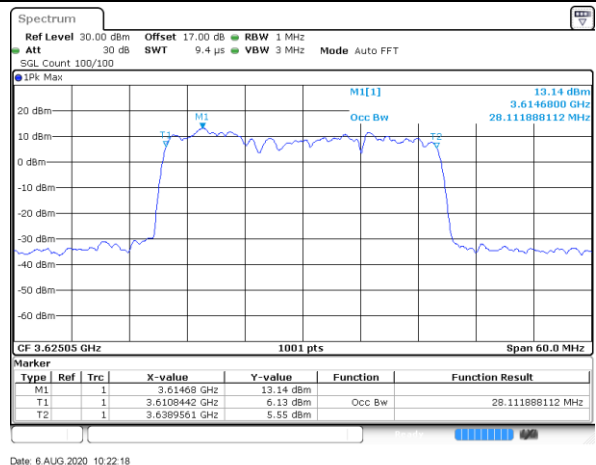
Lowest Channel / 10MHz+20MHz



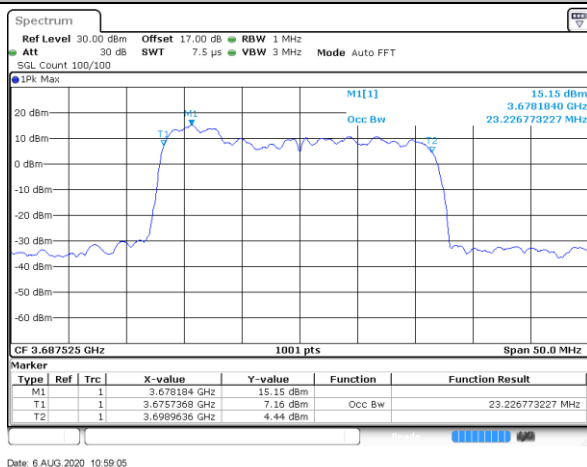
Middle Channel / 5MHz+20MHz



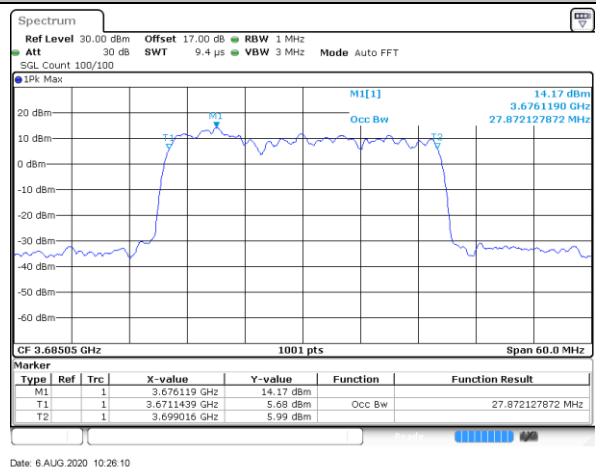
Middle Channel / 10MHz+20MHz



Highest Channel / 5MHz+20MHz



Highest Channel / 10MHz+20MHz

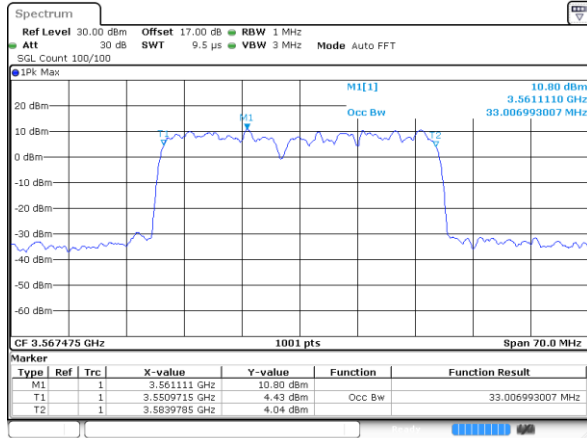




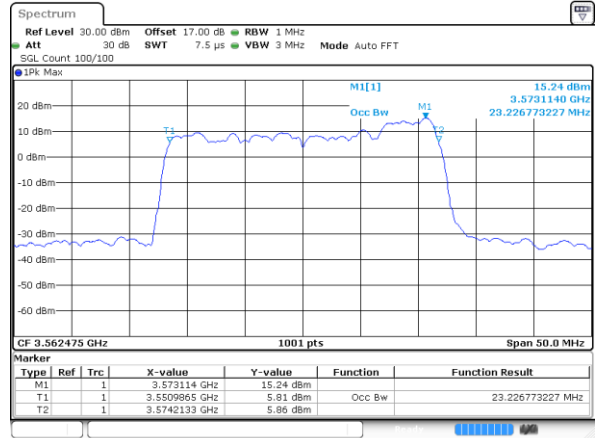
LTE Band 48C

16QAM

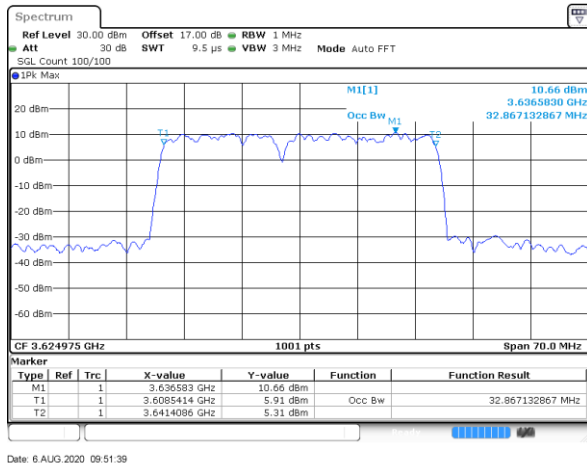
Lowest Channel / 15MHz+20MHz



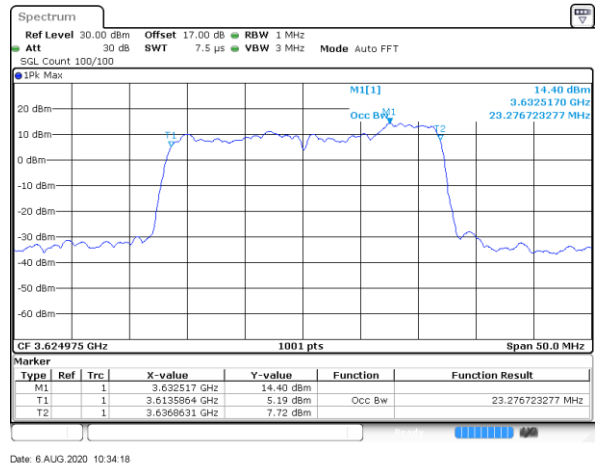
Lowest Channel / 20MHz+5MHz



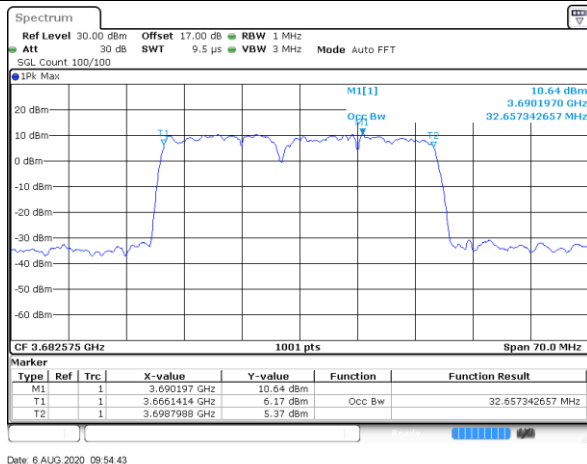
Middle Channel / 15MHz+20MHz



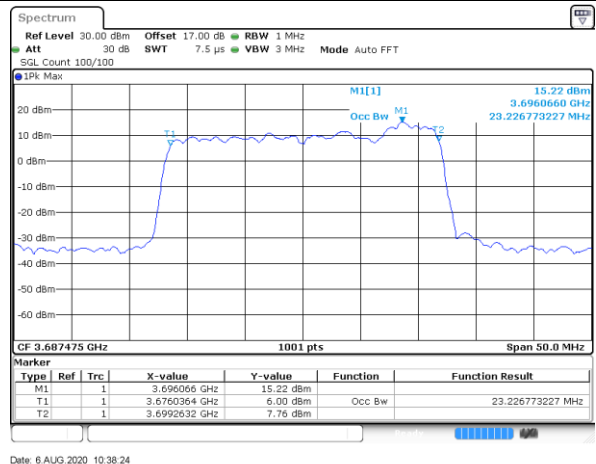
Middle Channel / 20MHz+5MHz



Highest Channel / 15MHz+20MHz



Highest Channel / 20MHz+5MHz

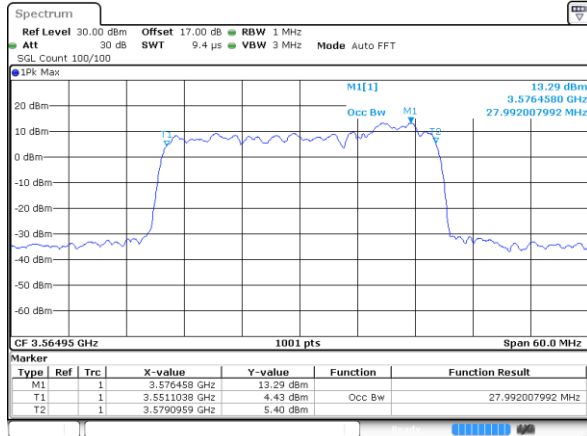




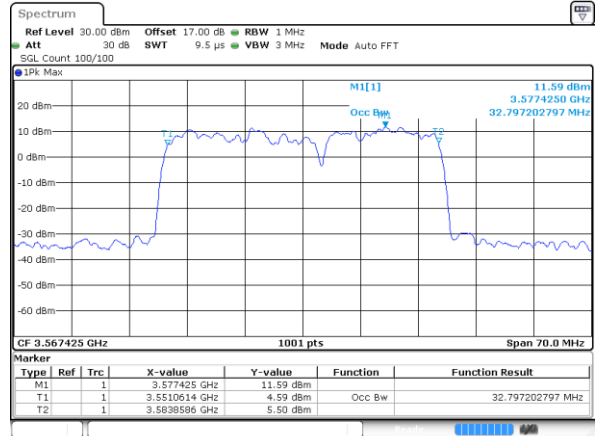
LTE Band 48C

16QAM

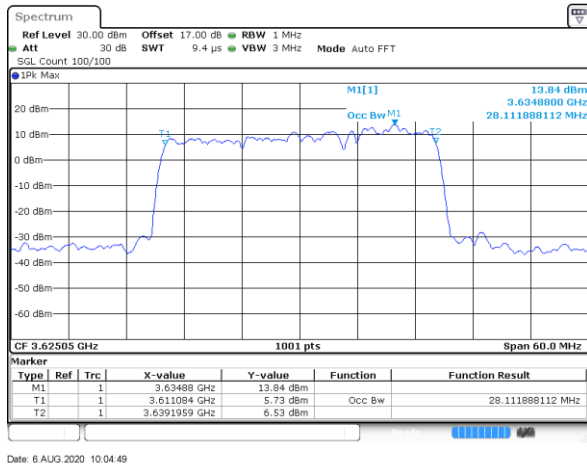
Lowest Channel / 20MHz+10MHz



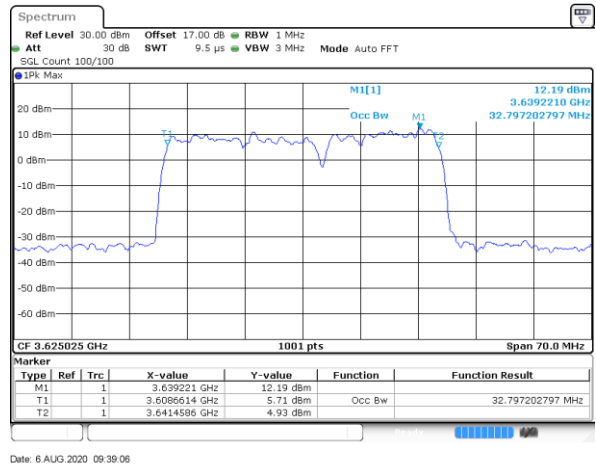
Lowest Channel / 20MHz+15MHz



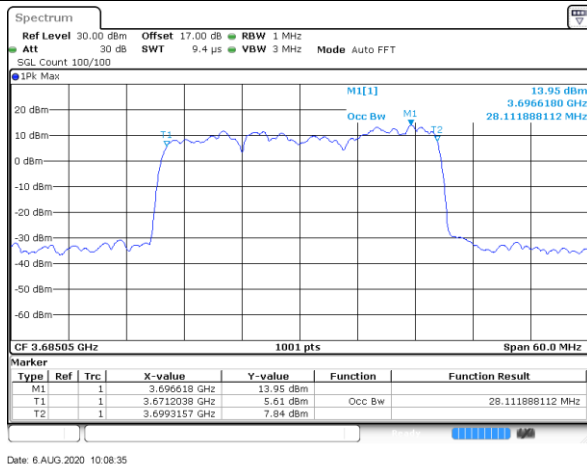
Middle Channel / 20MHz+10MHz



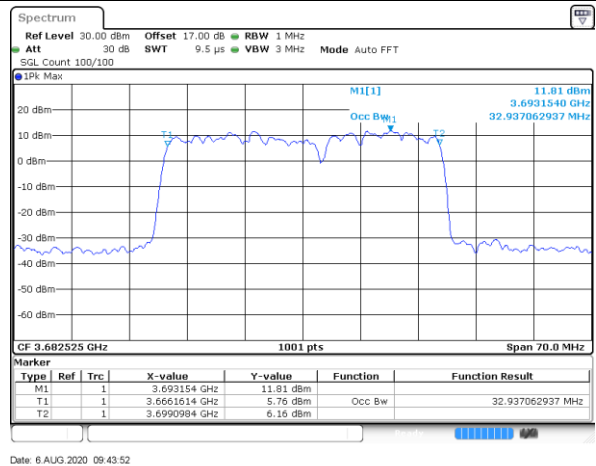
Middle Channel / 20MHz+15MHz



Highest Channel / 20MHz+10MHz



Highest Channel / 20MHz+15MHz



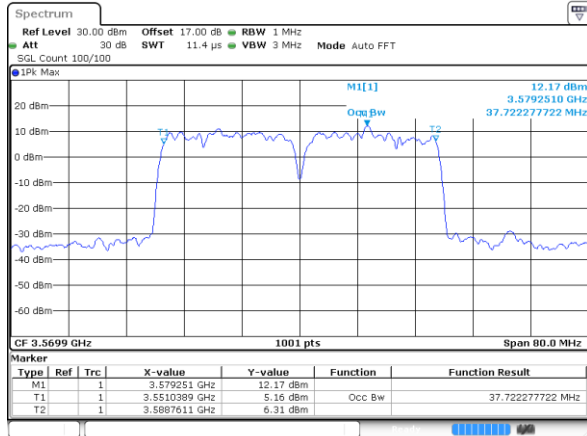


LTE Band 48C

16QAM

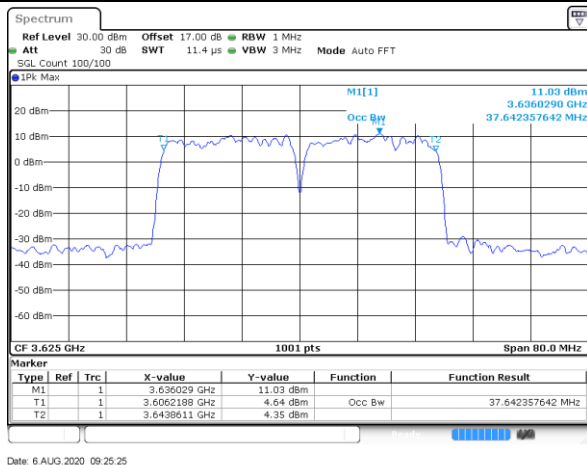
Lowest Channel / 20MHz+20MHz

N/A



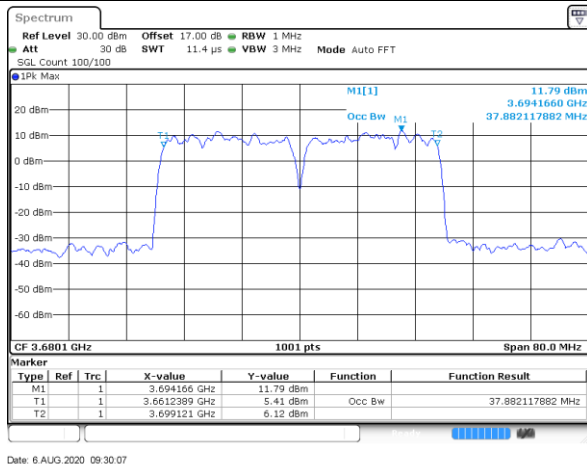
Middle Channel / 20MHz+20MHz

N/A



Highest Channel / 20MHz+20MHz

N/A

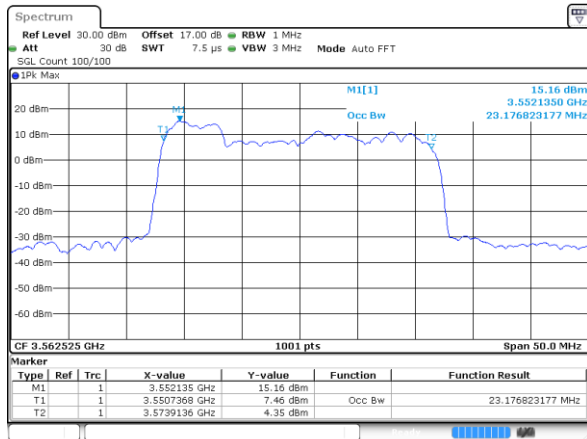




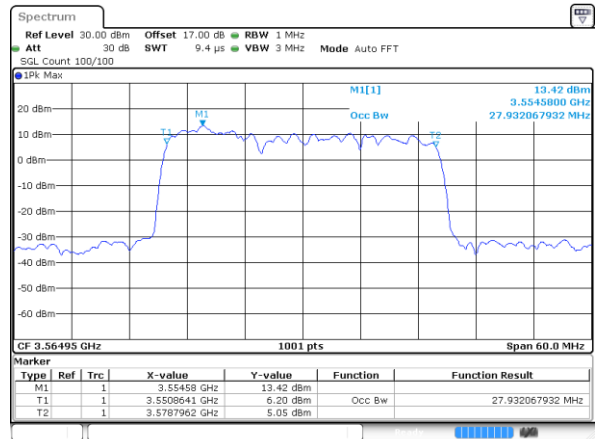
LTE Band 48C

64QAM

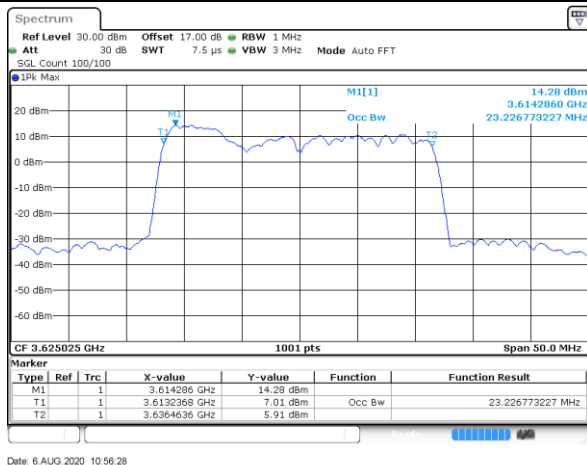
Lowest Channel / 5MHz+20MHz



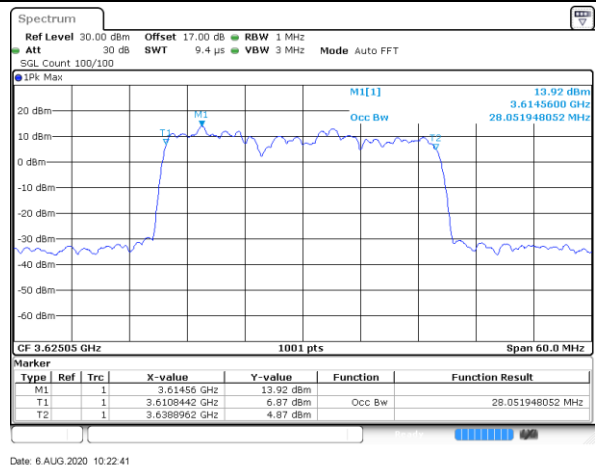
Lowest Channel / 10MHz+20MHz



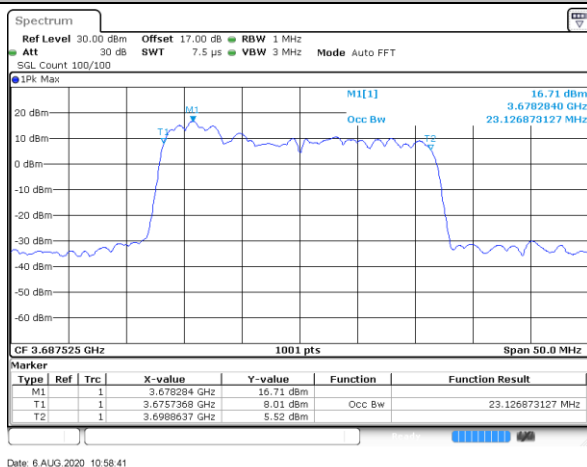
Middle Channel / 5MHz+20MHz



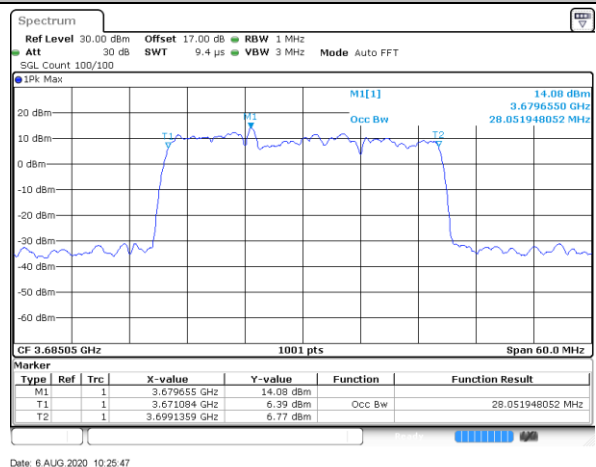
Middle Channel / 10MHz+20MHz



Highest Channel / 5MHz+20MHz



Highest Channel / 10MHz+20MHz

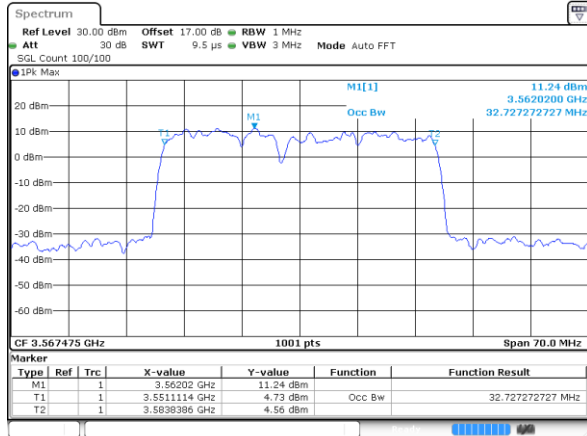




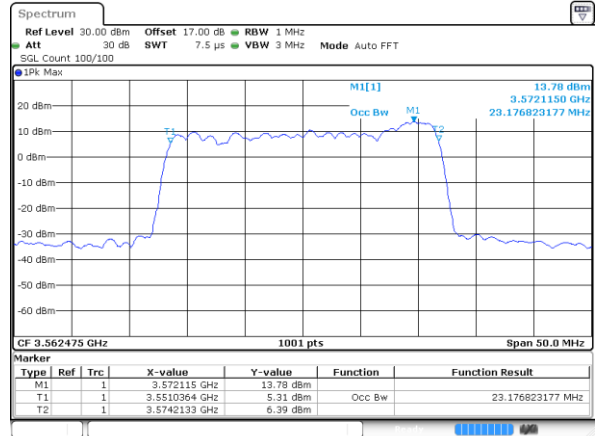
LTE Band 48C

64QAM

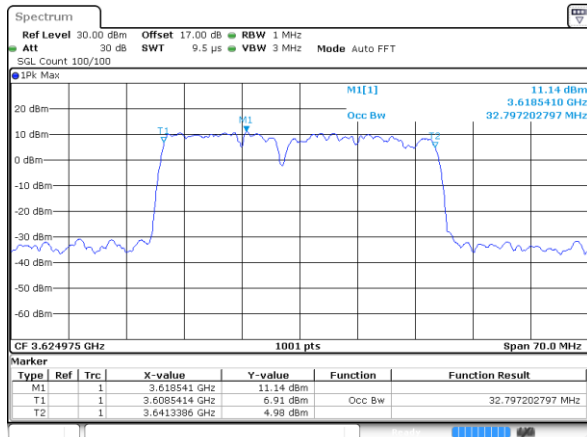
Lowest Channel / 15MHz+20MHz



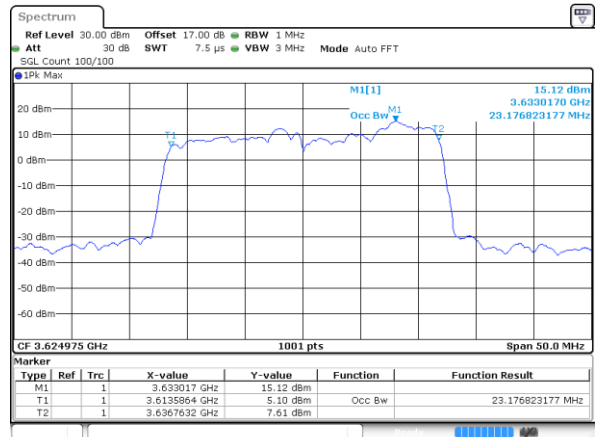
Lowest Channel / 20MHz+5MHz



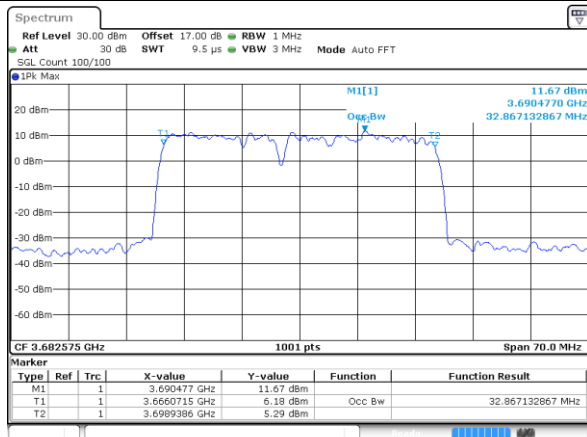
Middle Channel / 15MHz+20MHz



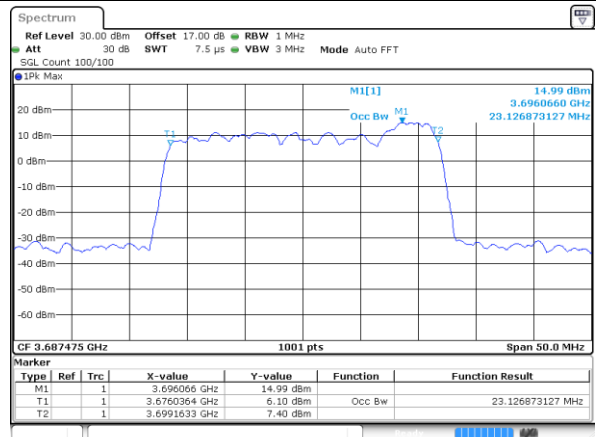
Middle Channel / 20MHz+5MHz



Highest Channel / 15MHz+20MHz



Highest Channel / 20MHz+5MHz

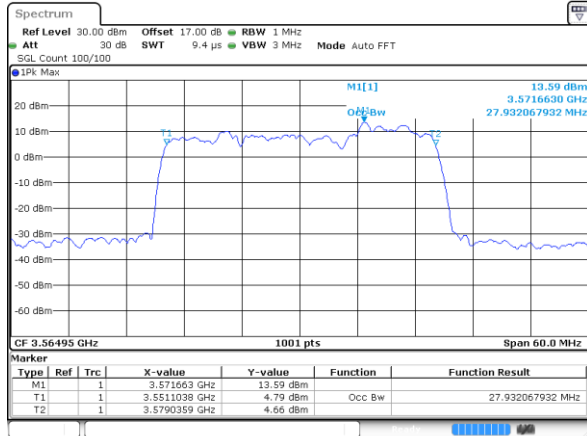




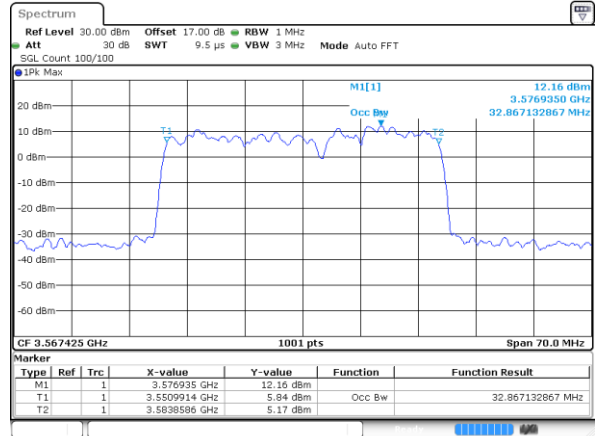
LTE Band 48C

64QAM

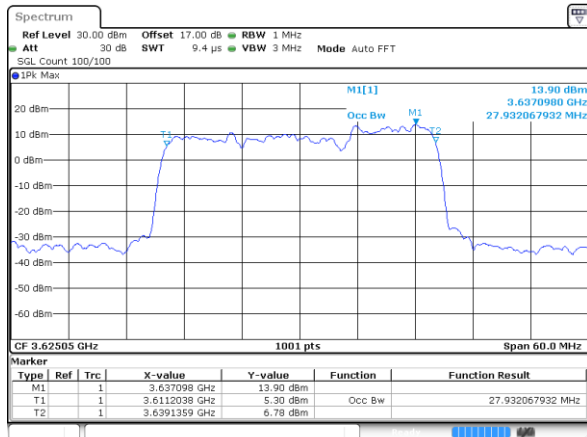
Lowest Channel / 20MHz+10MHz



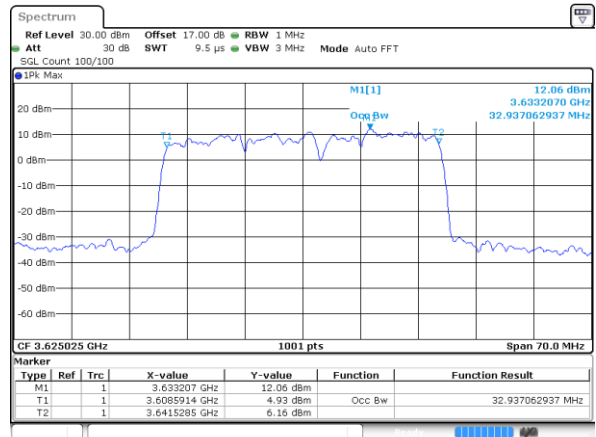
Lowest Channel / 20MHz+15MHz



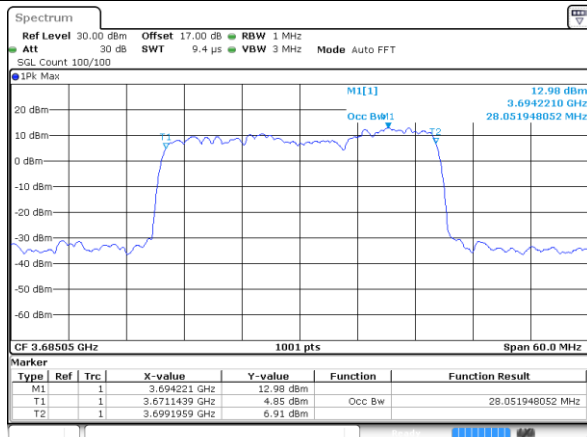
Middle Channel / 20MHz+10MHz



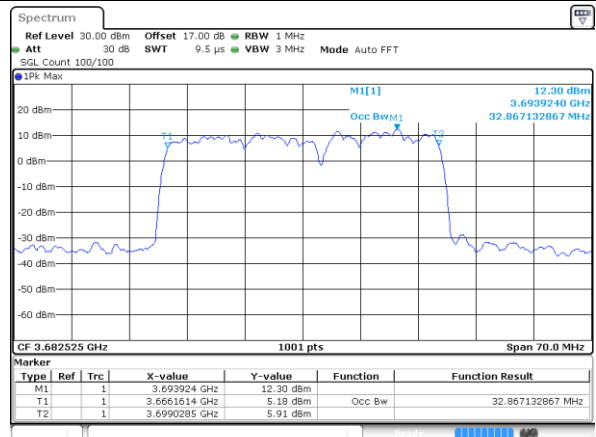
Middle Channel / 20MHz+15MHz

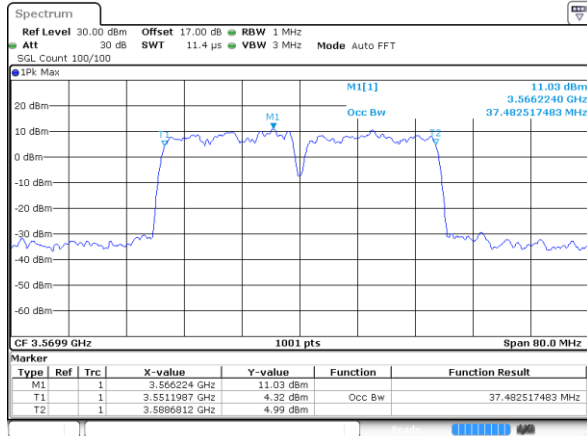
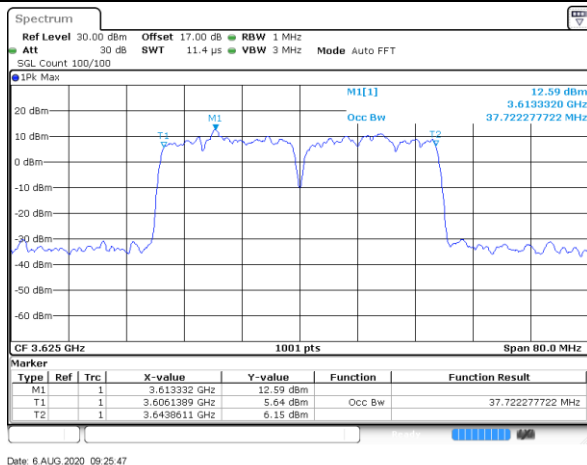
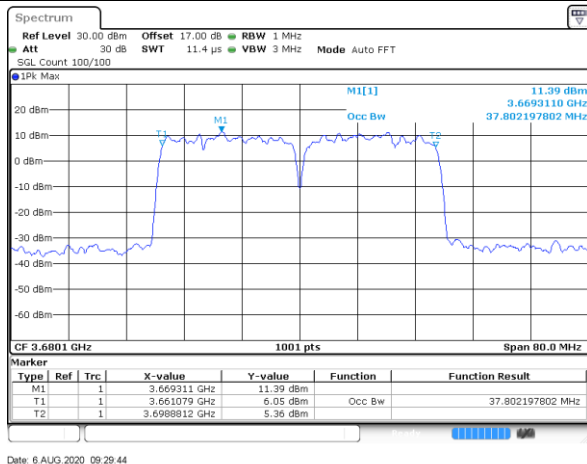


Highest Channel / 20MHz+10MHz



Highest Channel / 20MHz+15MHz



**LTE Band 48C****64QAM****Lowest Channel / 20MHz+20MHz****N/A****Middle Channel / 20MHz+20MHz****N/A****Highest Channel / 20MHz+20MHz****N/A**

EIRP Power Density

Mode	LTE Band 48C : Conducted Power Density (dBm/MHz)			
QPSK				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Lowest CH	8.23	6.79	5.17	9.75
Middle CH	7.82	6.81	4.95	8.17
Highest CH	8.83	8.18	5.63	9.77
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	5.82	5.21	4.10	-
Middle CH	7.35	5.82	4.90	-
Highest CH	6.76	6.16	4.75	-
16QAM				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Lowest CH	8.77	6.77	5.18	9.10
Middle CH	7.75	6.34	5.05	9.53
Highest CH	8.21	7.13	5.62	9.14
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	6.38	4.15	4.81	-
Middle CH	6.79	4.57	4.48	-
Highest CH	6.13	5.20	4.88	-
64QAM				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Lowest CH	7.87	7.24	5.14	8.17
Middle CH	8.14	7.36	4.88	9.39
Highest CH	8.37	5.64	5.47	9.05
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	7.20	4.32	5.09	-
Middle CH	6.25	5.45	4.62	-
Highest CH	7.42	4.76	5.16	-

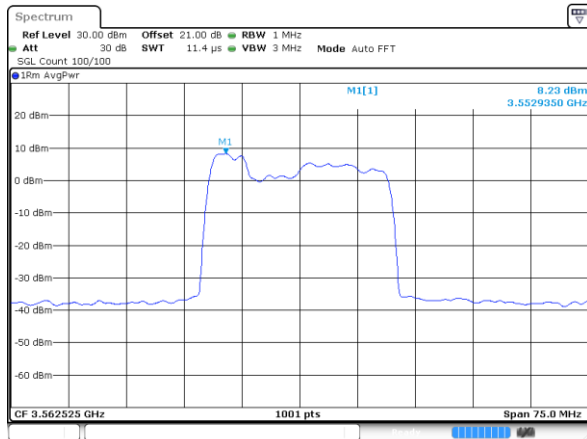
Mode	LTE Band 48C : EIRP Power Density (dBm/MHz)			
QPSK				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Lowest CH	25.23	23.79	22.17	26.75
Middle CH	24.82	23.81	21.95	25.17
Highest CH	25.83	25.18	22.63	26.77
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	22.82	22.21	21.1	-
Middle CH	24.35	22.82	21.9	-
Highest CH	23.76	23.16	21.75	-
16QAM				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Lowest CH	25.77	23.77	22.18	26.1
Middle CH	24.75	23.34	22.05	26.53
Highest CH	25.21	24.13	22.62	26.14
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	23.38	21.15	21.81	-
Middle CH	23.79	21.57	21.48	-
Highest CH	23.13	22.2	21.88	-
64QAM				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Lowest CH	24.87	24.24	22.14	25.17
Middle CH	25.14	24.36	21.88	26.39
Highest CH	25.37	22.64	22.47	26.05
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	24.2	21.32	22.09	-
Middle CH	23.25	22.45	21.62	-
Highest CH	24.42	21.76	22.16	-
Antenna Gain	17 dBi			
Limit	37dBm / MHz			
Result	Pass			



LTE Band 48C

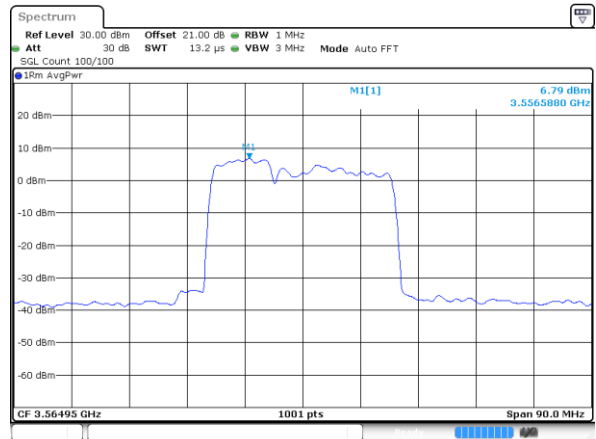
QPSK

Lowest Channel / 5MHz+20MHz



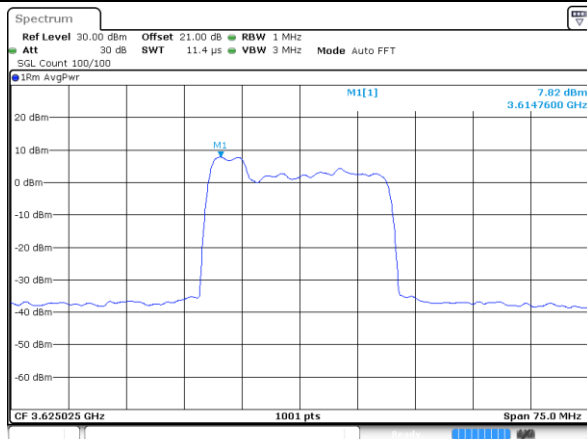
Date: 6 AUG 2020 01:20:08

Lowest Channel / 10MHz+20MHz



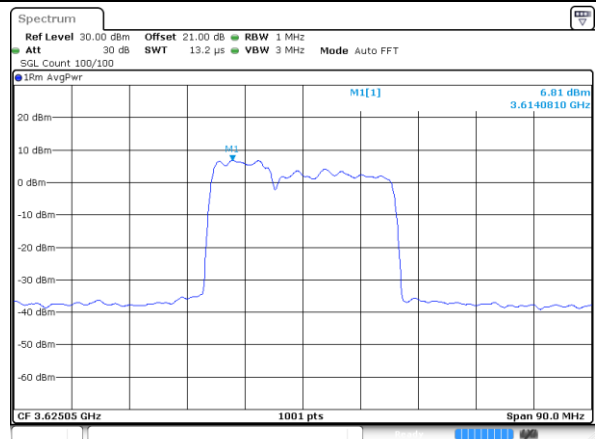
Date: 5 AUG 2020 20:25:08

Middle Channel / 5MHz+20MHz



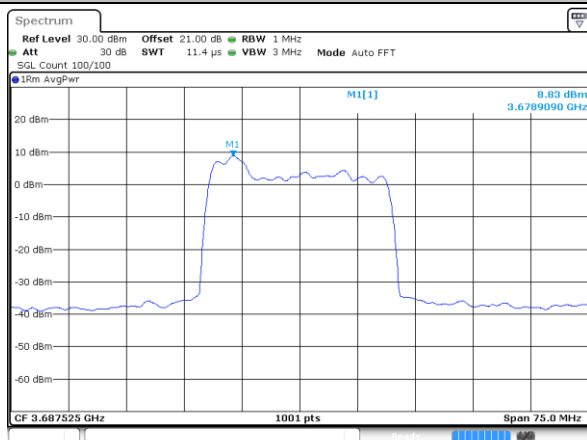
Date: 6 AUG 2020 01:49:20

Middle Channel / 10MHz+20MHz



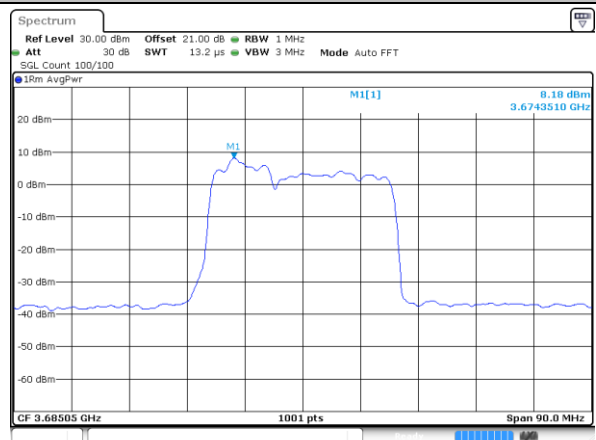
Date: 5 AUG 2020 20:27:49

Highest Channel / 5MHz+20MHz



Date: 6 AUG 2020 02:31:46

Highest Channel / 10MHz+20MHz



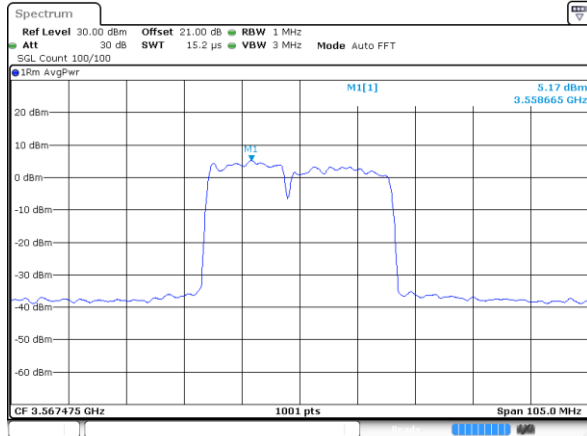
Date: 5 AUG 2020 20:31:18



LTE Band 48C

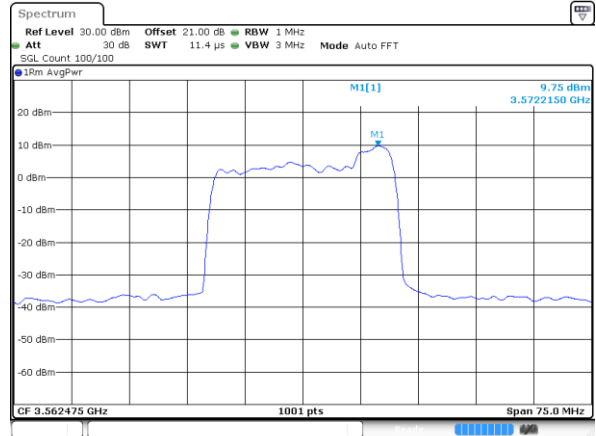
QPSK

Lowest Channel / 15MHz+20MHz



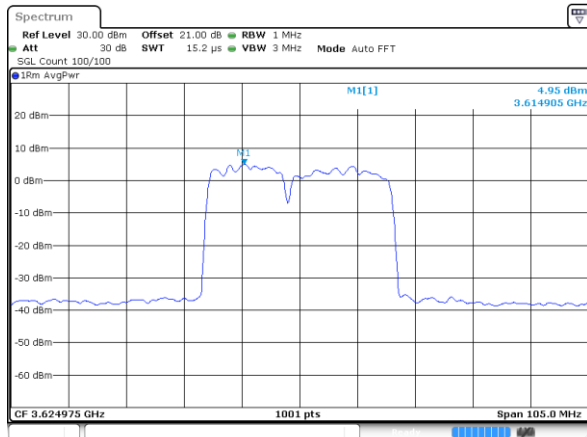
Date: 5 AUG 2020 20:16:46

Lowest Channel / 20MHz+5MHz



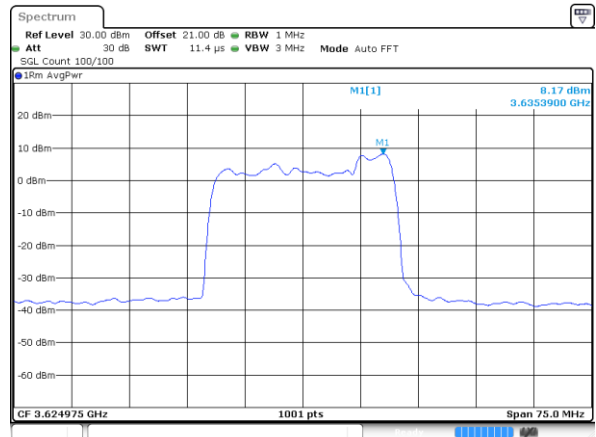
Date: 5 AUG 2020 18:48:32

Middle Channel / 15MHz+20MHz



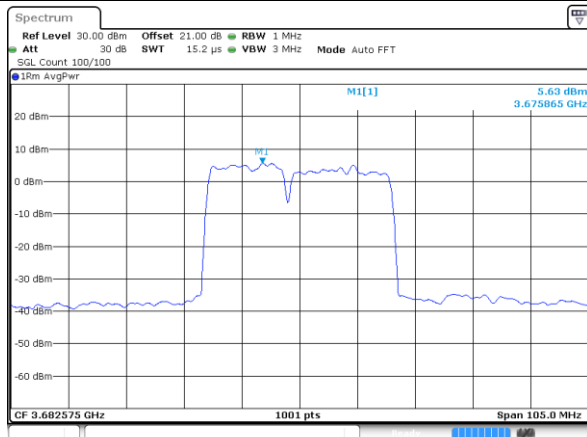
Date: 5 AUG 2020 20:19:00

Middle Channel / 20MHz+5MHz



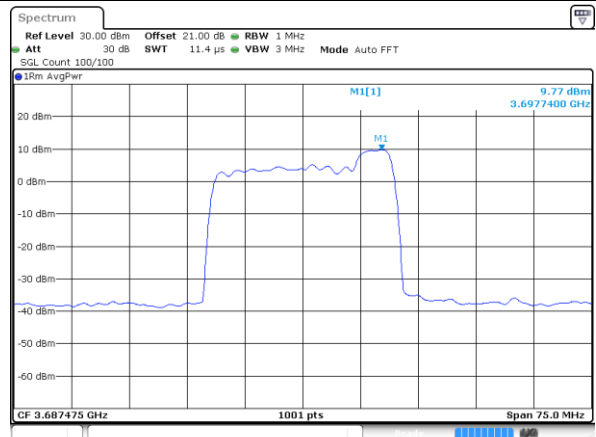
Date: 5 AUG 2020 19:16:23

Highest Channel / 15MHz+20MHz



Date: 5 AUG 2020 20:22:27

Highest Channel / 20MHz+5MHz



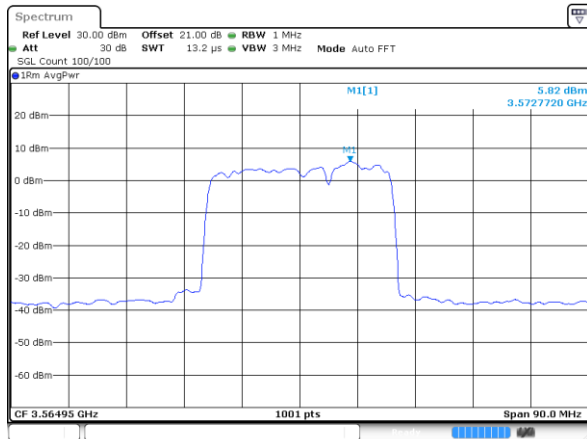
Date: 5 AUG 2020 19:24:25



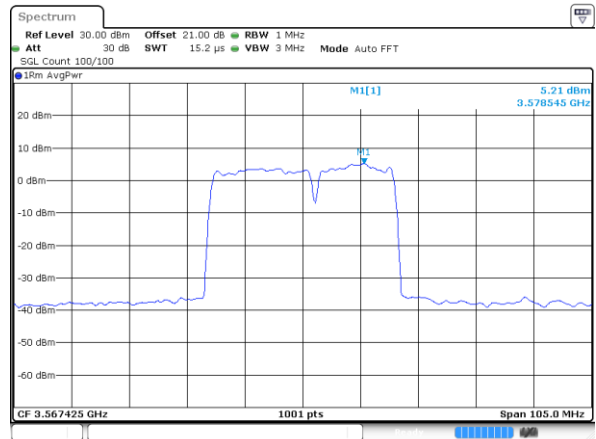
LTE Band 48C

QPSK

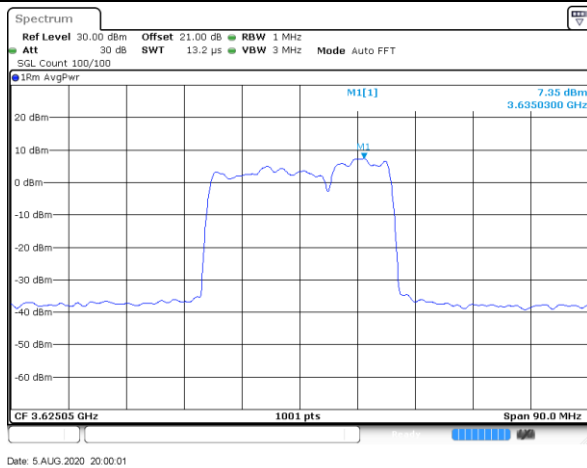
Lowest Channel / 20MHz+10MHz



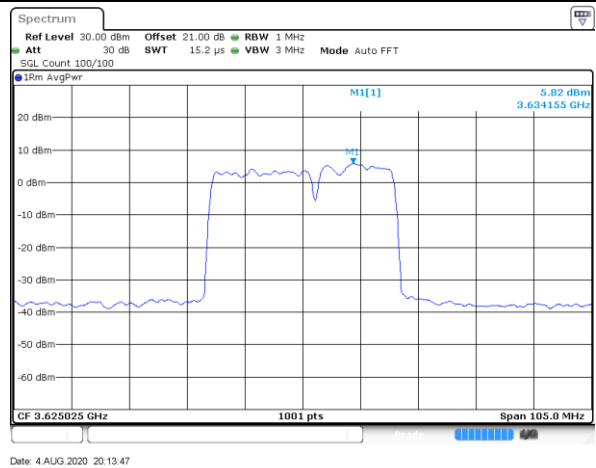
Lowest Channel / 20MHz+15MHz



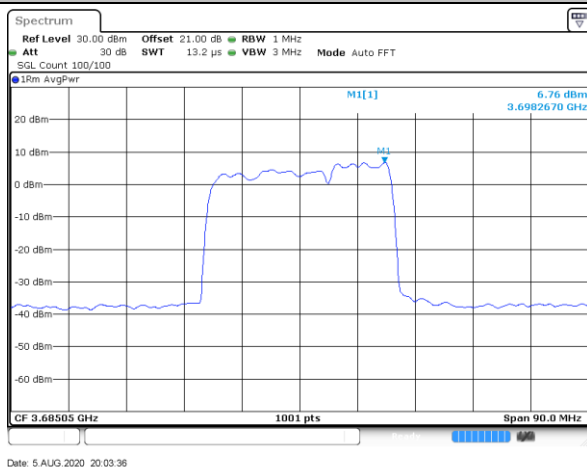
Middle Channel / 20MHz+10MHz



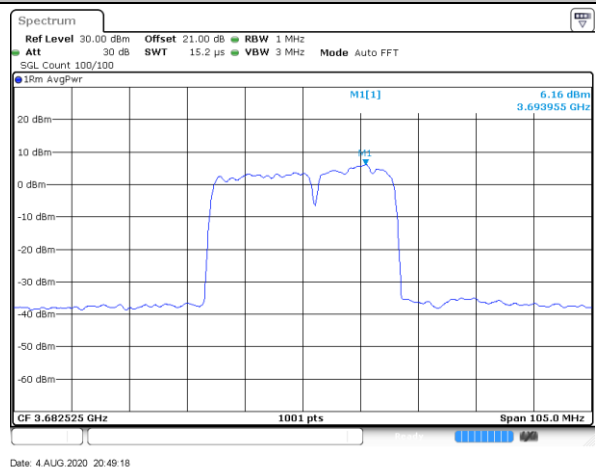
Middle Channel / 20MHz+15MHz



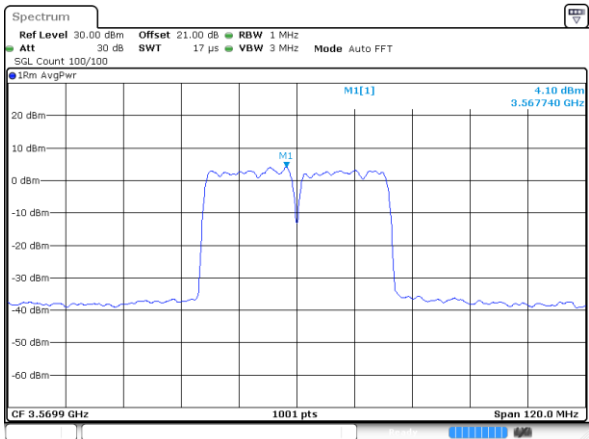
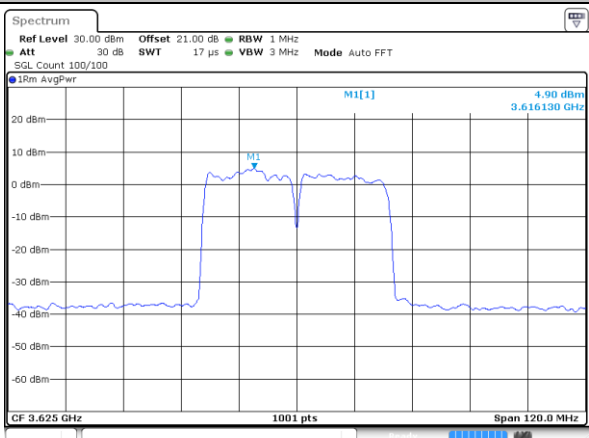
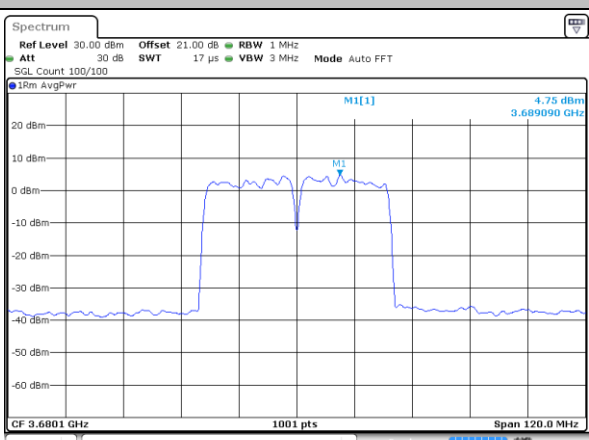
Highest Channel / 20MHz+10MHz



Highest Channel / 20MHz+15MHz





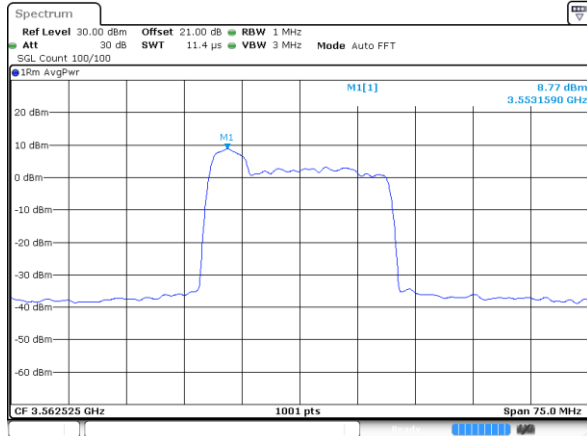
LTE Band 48C	
QPSK	
Lowest Channel / 20MHz+20MHz	N/A
 Spectrum Ref Level 30.00 dBm Offset 21.00 dB RBW 1 MHz Att 30 dB SWT 17 μs VBW 3 MHz Mode Auto FFT SQL Count 100/100 1Rm AvgPwr M1[1] 4.10 dBm 3.567740 GHz CF 3.5699 GHz 1001 pts Span 120.0 MHz Date: 5 AUG 2020 20:12:28	
Middle Channel / 20MHz+20MHz	N/A
 Spectrum Ref Level 30.00 dBm Offset 21.00 dB RBW 1 MHz Att 30 dB SWT 17 μs VBW 3 MHz Mode Auto FFT SQL Count 100/100 1Rm AvgPwr M1[1] 4.90 dBm 3.616130 GHz CF 3.625 GHz 1001 pts Span 120.0 MHz Date: 6 AUG 2020 09:11:18	
Highest Channel / 20MHz+20MHz	N/A
 Spectrum Ref Level 30.00 dBm Offset 21.00 dB RBW 1 MHz Att 30 dB SWT 17 μs VBW 3 MHz Mode Auto FFT SQL Count 100/100 1Rm AvgPwr M1[1] 4.75 dBm 3.689090 GHz CF 3.6801 GHz 1001 pts Span 120.0 MHz Date: 5 AUG 2020 20:11:29	



LTE Band 48C

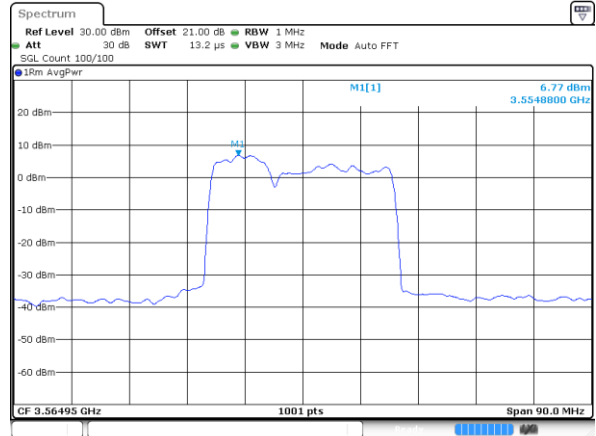
16QAM

Lowest Channel / 5MHz+20MHz



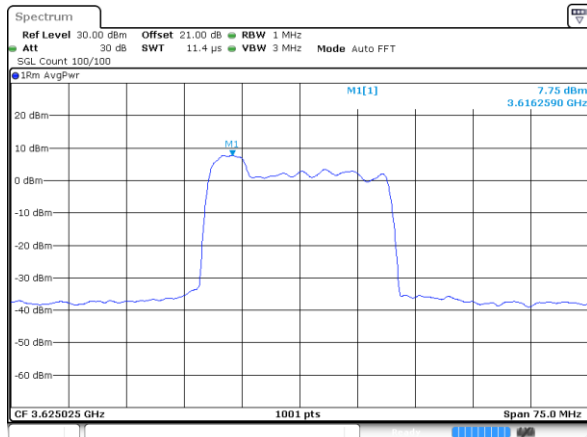
Date: 6 AUG 2020 01:19:39

Lowest Channel / 10MHz+20MHz



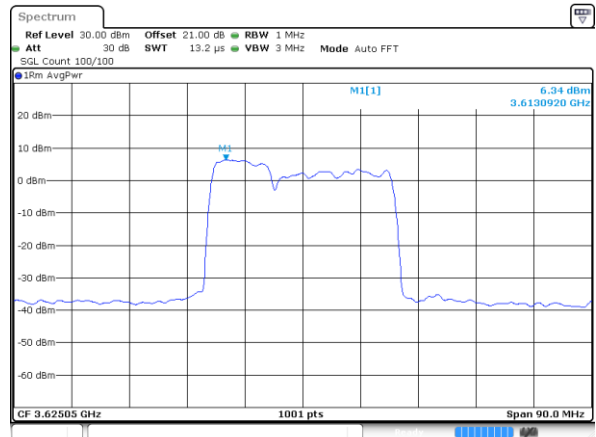
Date: 5 AUG 2020 20:25:38

Middle Channel / 5MHz+20MHz



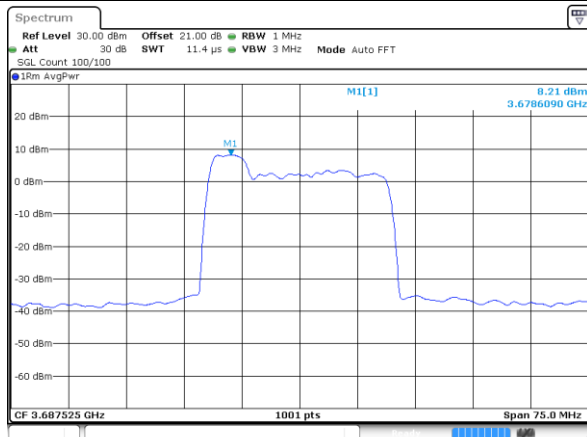
Date: 6 AUG 2020 01:49:49

Middle Channel / 10MHz+20MHz



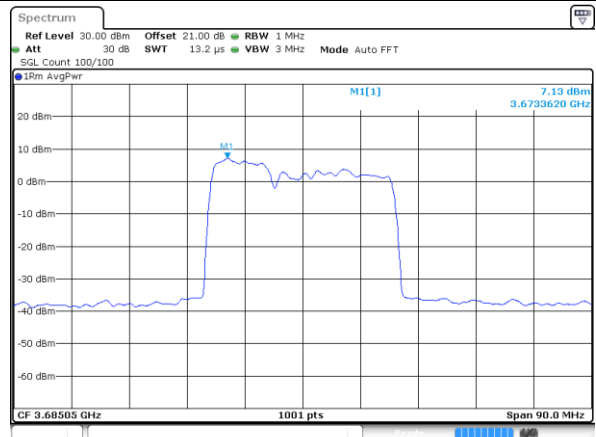
Date: 5 AUG 2020 20:28:18

Highest Channel / 5MHz+20MHz



Date: 6 AUG 2020 02:31:16

Highest Channel / 10MHz+20MHz



Date: 5 AUG 2020 20:30:48