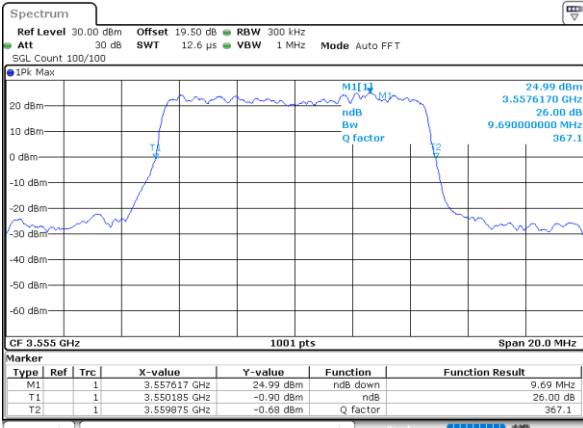




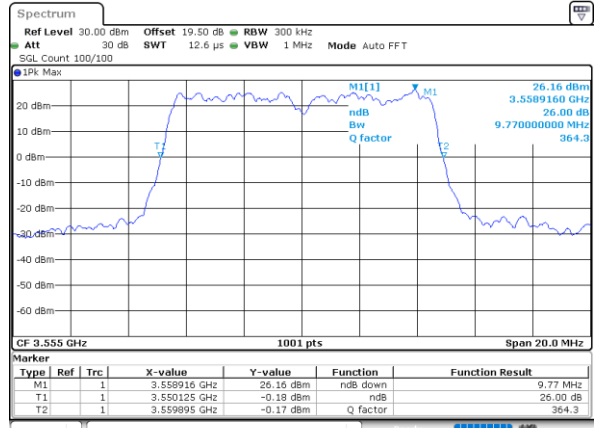
LTE Band 48

Lowest Channel / 10MHz / QPSK



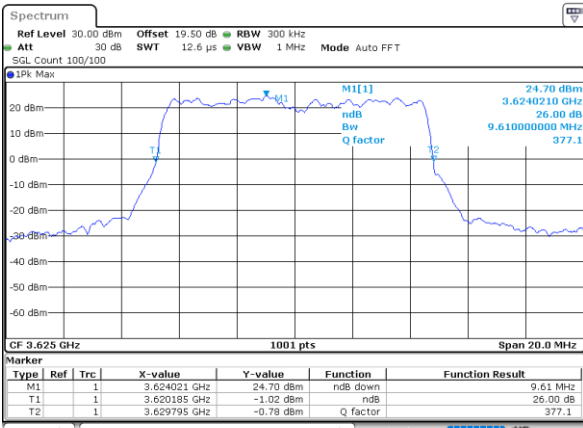
Date: 5.NOV.2020 22:53:45

Lowest Channel / 10MHz / 16QAM



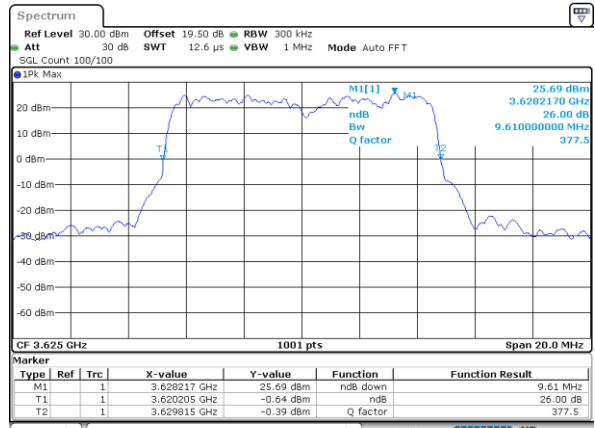
Date: 5.NOV.2020 23:03:42

Middle Channel / 10MHz / QPSK



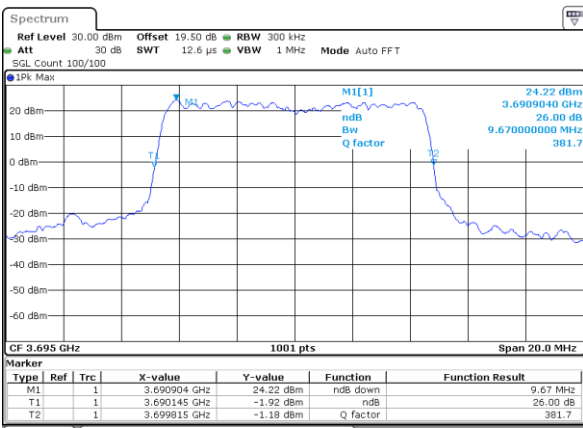
Date: 5.NOV.2020 22:55:10

Middle Channel / 10MHz / 16QAM



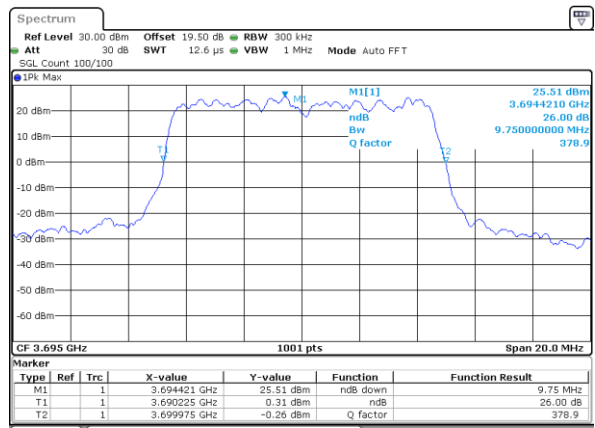
Date: 5.NOV.2020 23:02:55

Highest Channel / 10MHz / QPSK



Date: 5.NOV.2020 22:57:17

Highest Channel / 10MHz / 16QAM

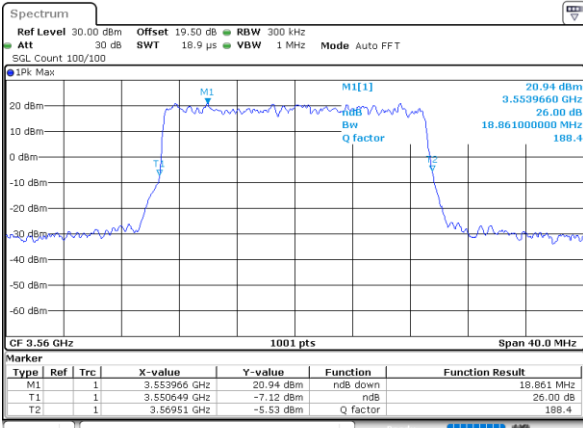


Date: 5.NOV.2020 23:00:52



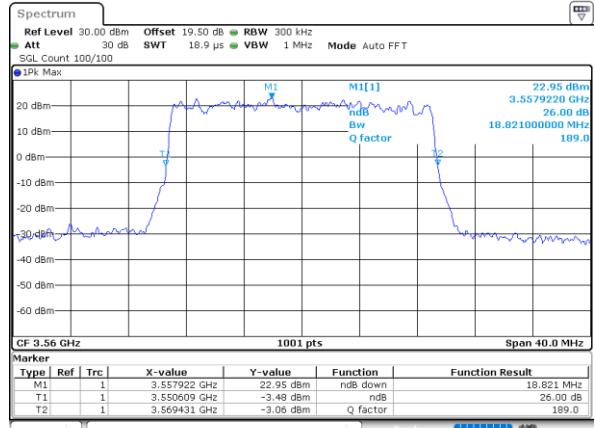
LTE Band 48

Lowest Channel / 20MHz / QPSK



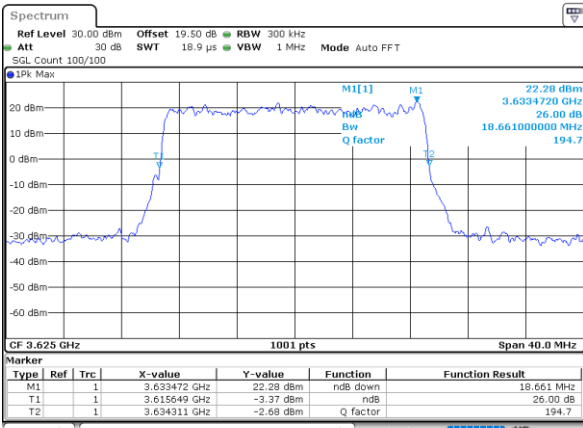
Date: 5.NOV.2020 23:18:30

Lowest Channel / 20MHz / 16QAM



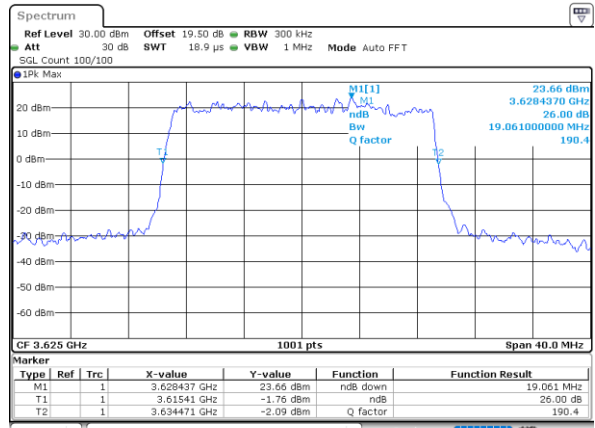
Date: 5.NOV.2020 23:32:18

Middle Channel / 20MHz / QPSK



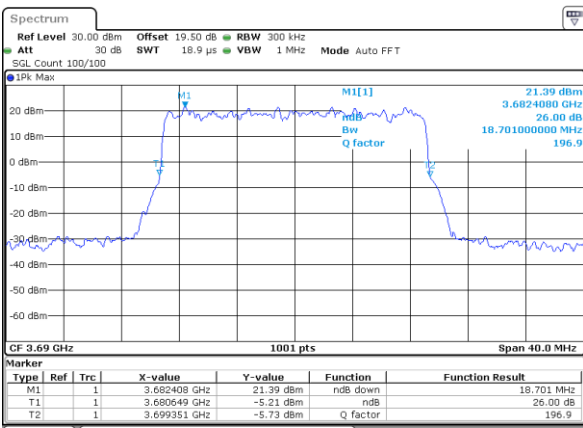
Date: 5.NOV.2020 23:12:22

Middle Channel / 20MHz / 16QAM



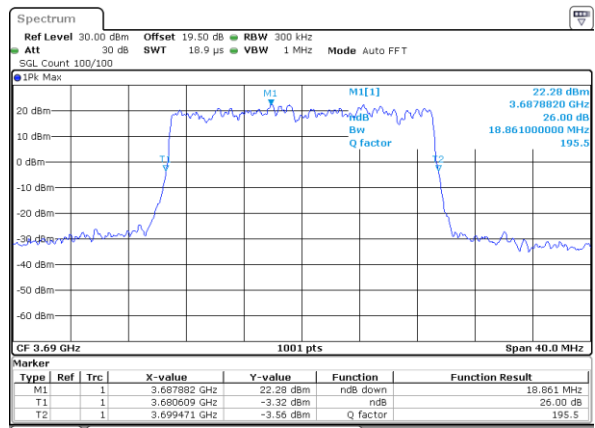
Date: 5.NOV.2020 23:31:07

Highest Channel / 20MHz / QPSK



Date: 5.NOV.2020 23:22:58

Highest Channel / 20MHz / 16QAM

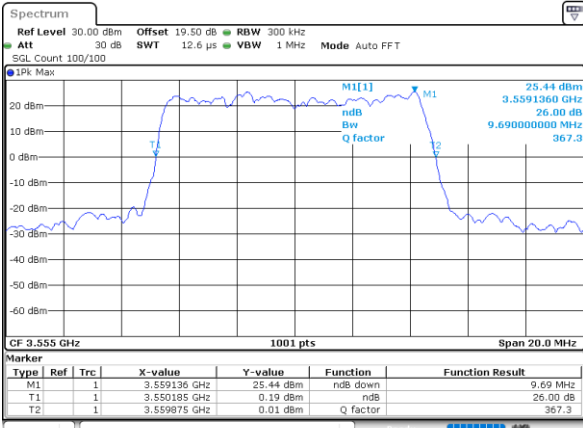


Date: 5.NOV.2020 23:27:35



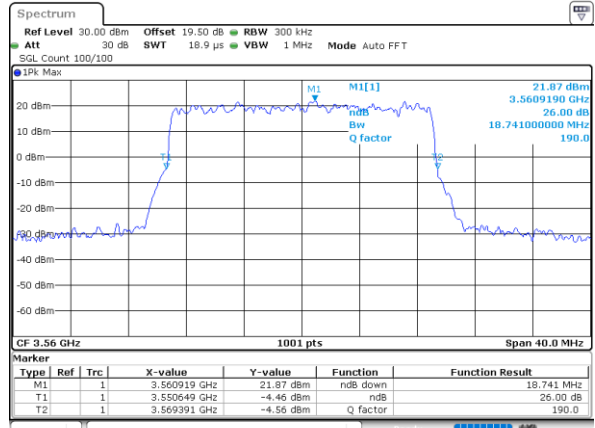
LTE Band 48

Lowest Channel / 10MHz / 64QAM



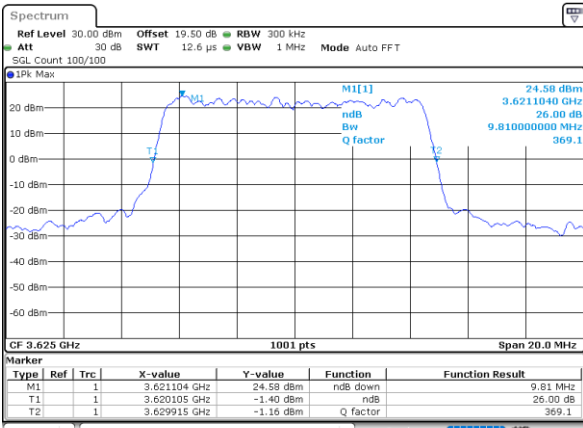
Date: 5.NOV.2020 23:11:39

Lowest Channel / 20MHz / 64QAM



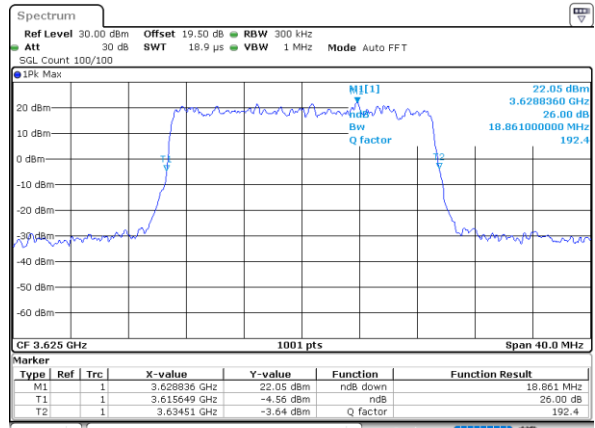
Date: 5.NOV.2020 23:38:23

Middle Channel / 10MHz / 64QAM



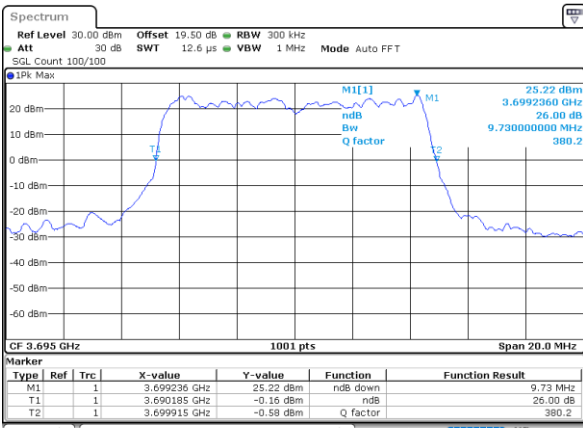
Date: 5.NOV.2020 23:12:21

Middle Channel / 20MHz / 64QAM



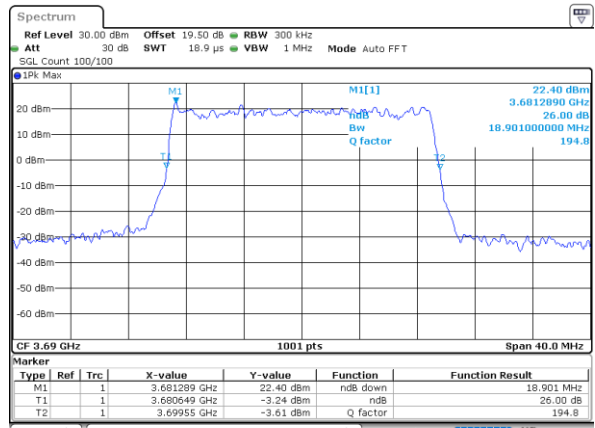
Date: 5.NOV.2020 23:40:22

Highest Channel / 10MHz / 64QAM



Date: 5.NOV.2020 23:14:40

Highest Channel / 20MHz / 64QAM



Date: 5.NOV.2020 23:44:03



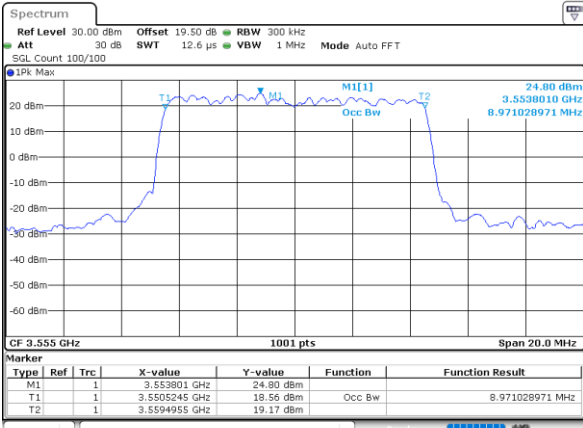
Occupied Bandwidth

Mode	LTE Band 48 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	-	-	8.97	8.87	-	-	17.90	17.82
Middle CH	-	-	-	-	-	-	9.01	8.89	-	-	17.94	17.86
Highest CH	-	-	-	-	-	-	9.01	8.93	-	-	17.82	17.94
Mode	LTE Band 48 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	-	64QAM	-	64QAM	-	64QAM	-	64QAM	-	64QAM	-
Lowest CH	-	-	-	-	-	-	9.01	-	-	-	17.82	-
Middle CH	-	-	-	-	-	-	8.99	-	-	-	18.02	-
Highest CH	-	-	-	-	-	-	8.97	-	-	-	17.86	-



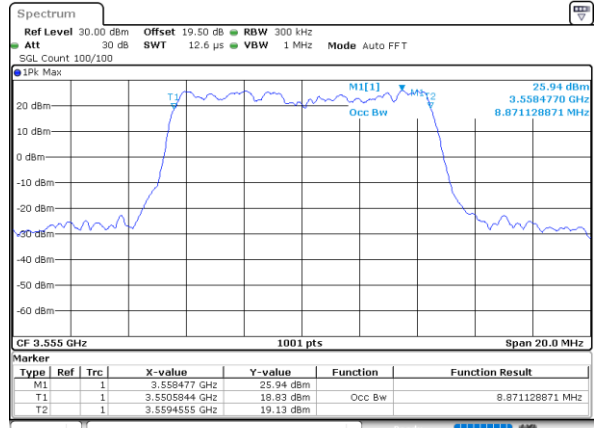
LTE Band 48

Lowest Channel / 10MHz / QPSK



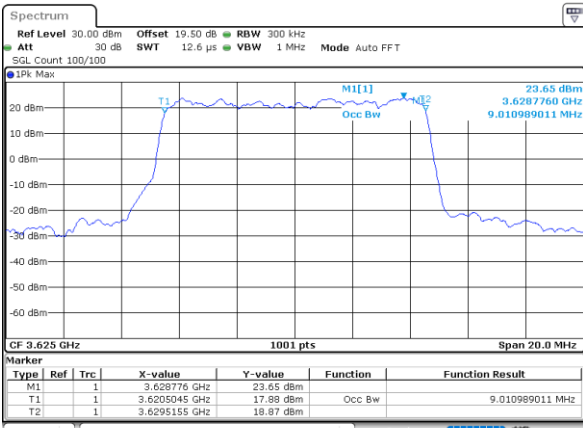
Date: 5.NOV.2020 22:53:19

Lowest Channel / 10MHz / 16QAM



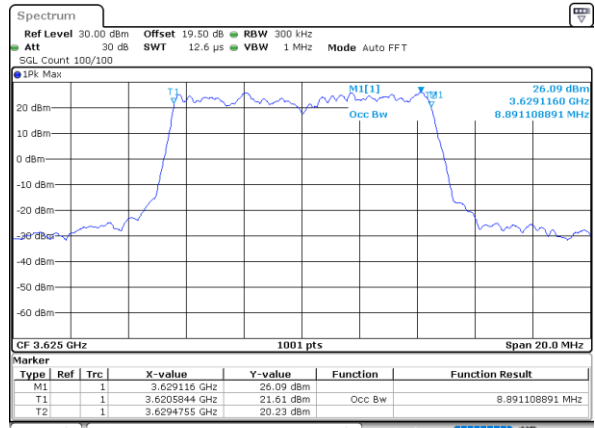
Date: 5.NOV.2020 23:03:28

Middle Channel / 10MHz / QPSK



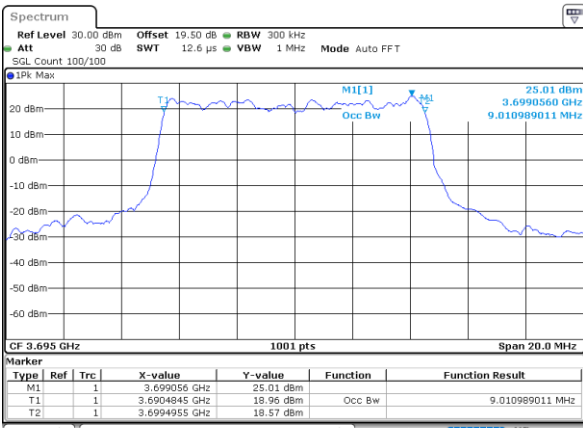
Date: 5.NOV.2020 22:55:00

Middle Channel / 10MHz / 16QAM



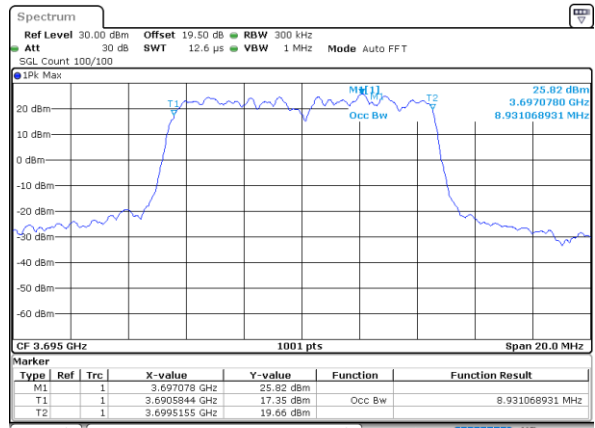
Date: 5.NOV.2020 23:02:31

Highest Channel / 10MHz / QPSK



Date: 5.NOV.2020 22:57:05

Highest Channel / 10MHz / 16QAM

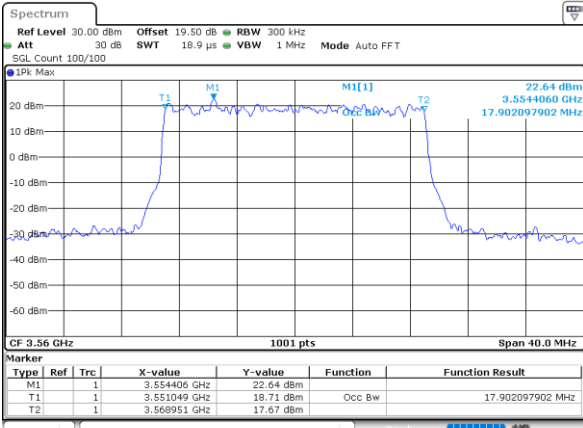


Date: 5.NOV.2020 23:00:41



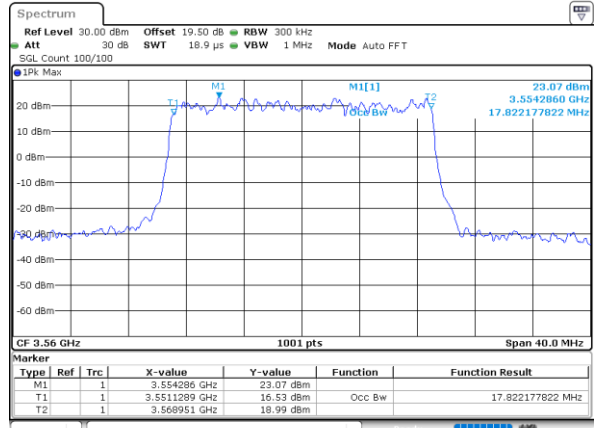
LTE Band 48

Lowest Channel / 20MHz / QPSK



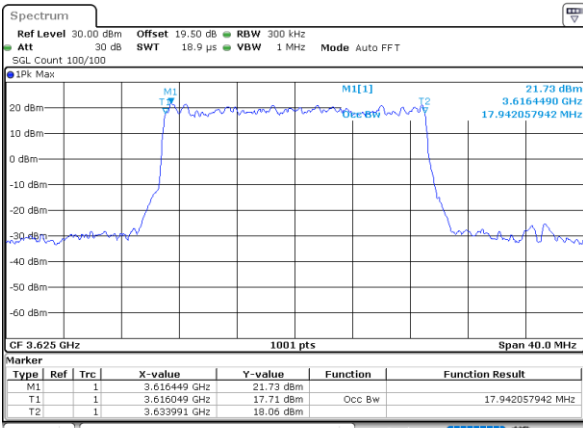
Date: 5.NOV.2020 23:18:18

Lowest Channel / 20MHz / 16QAM



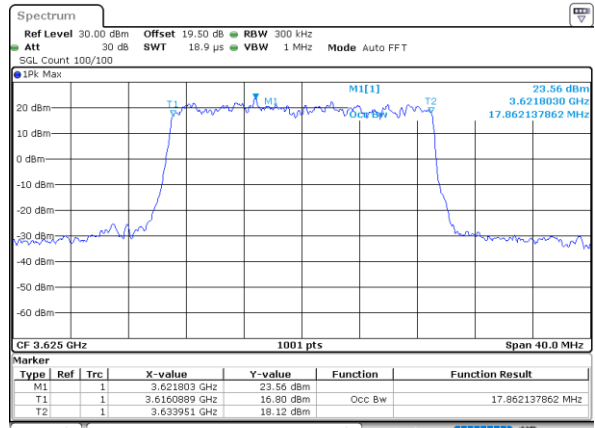
Date: 5.NOV.2020 23:32:03

Middle Channel / 20MHz / QPSK



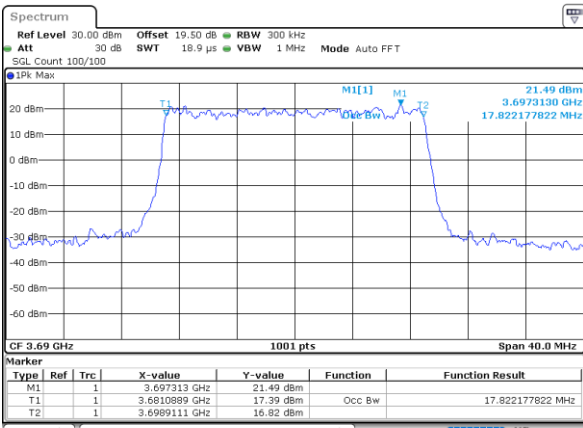
Date: 5.NOV.2020 23:21:08

Middle Channel / 20MHz / 16QAM



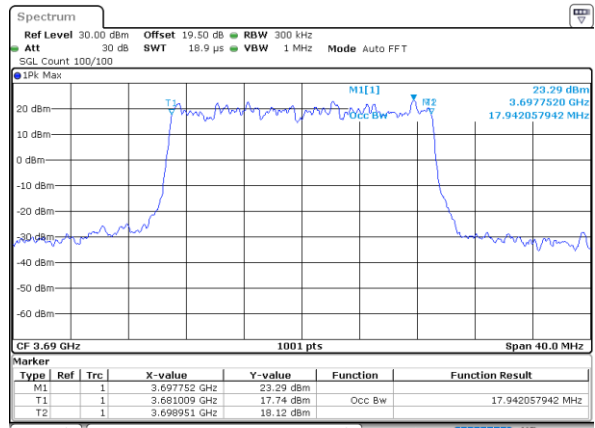
Date: 5.NOV.2020 23:30:56

Highest Channel / 20MHz / QPSK



Date: 5.NOV.2020 23:22:42

Highest Channel / 20MHz / 16QAM

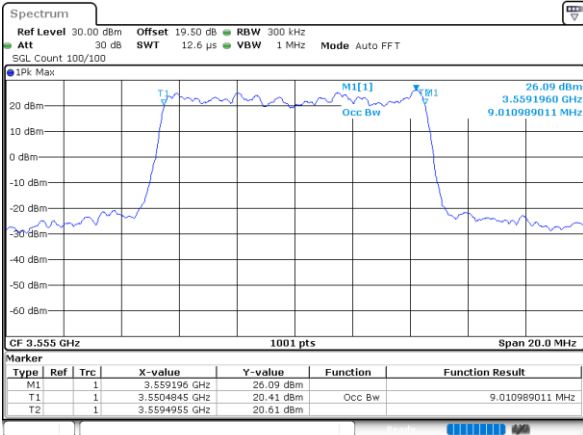


Date: 5.NOV.2020 23:27:20



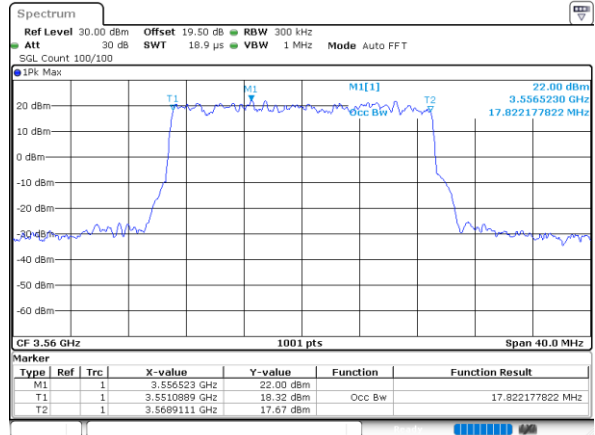
LTE Band 48

Lowest Channel / 10MHz / 64QAM



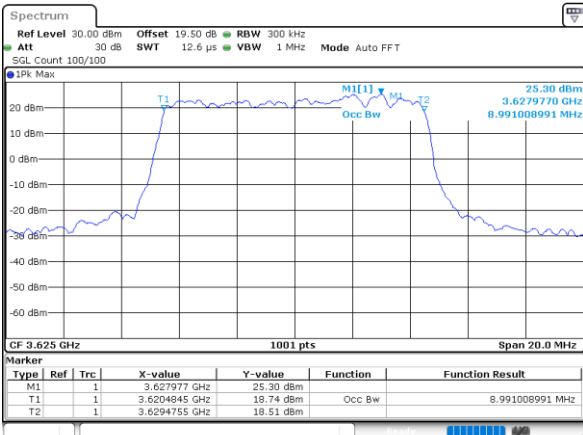
Date: 5.NOV.2020 23:11:23

Lowest Channel / 20MHz / 64QAM



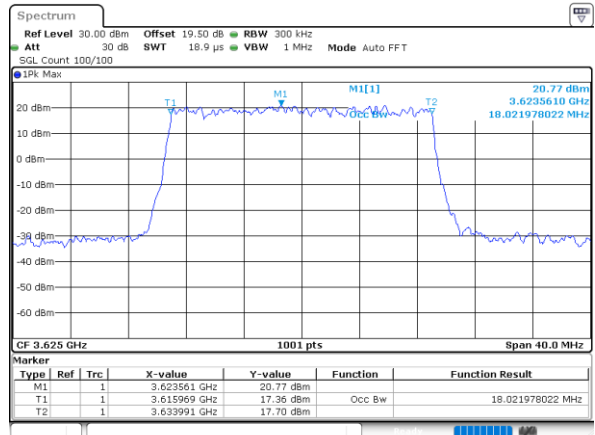
Date: 5.NOV.2020 23:38:10

Middle Channel / 10MHz / 64QAM



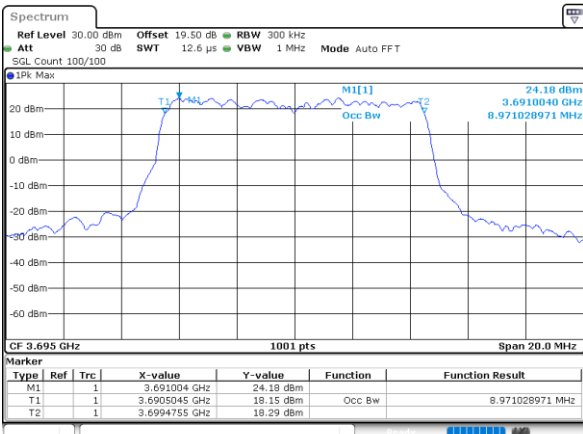
Date: 5.NOV.2020 23:12:09

Middle Channel / 20MHz / 64QAM



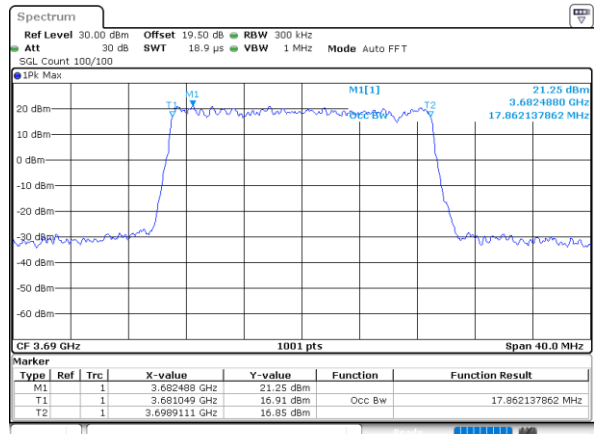
Date: 5.NOV.2020 23:40:10

Highest Channel / 10MHz / 64QAM



Date: 5.NOV.2020 23:14:25

Highest Channel / 20MHz / 64QAM



Date: 5.NOV.2020 23:43:42



Power Density

Mode		LTE Band 48 : Conducted Power Density (dBm/MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz		
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	
Lowest CH	-	-	-	-	-	-	21.52	21.88	-	-	18.31	18.85	
Middle CH	-	-	-	-	-	-	21.19	21.87	-	-	19.01	18.80	
Highest CH	-	-	-	-	-	-	21.26	21.45	-	-	18.02	17.79	

Mode		LTE Band 48 : Conducted Power Density (dBm/MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz		
Mod.	64QAM	-	64QAM	-	64QAM	-	64QAM	-	64QAM	-	64QAM	-	
Lowest CH	-	-	-	-	-	-	21.65	-	-	-	17.93	-	
Middle CH	-	-	-	-	-	-	21.68	-	-	-	18.12	-	
Highest CH	-	-	-	-	-	-	21.73	-	-	-	18.45	-	

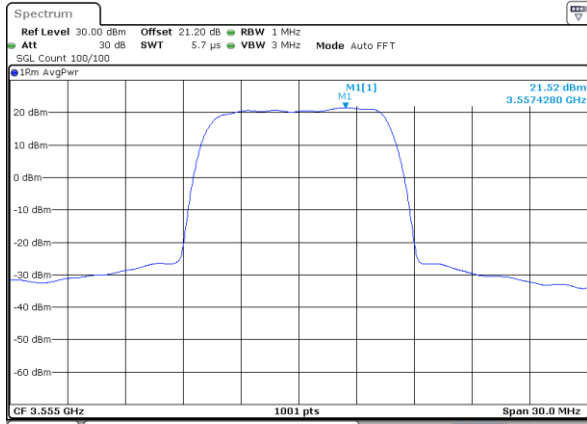
Mode		LTE Band 48 : EIRP Power Density (dBm/MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz		
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	
Lowest CH	-	-	-	-			34.72	35.08			31.51	32.05	
Middle CH	-	-	-	-			34.39	35.07			32.21	32	
Highest CH	-	-	-	-			34.46	34.65			31.22	30.99	

Mode		LTE Band 48 : EIRP Power Density (dBm/MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz		
Mod.	64QAM	-	64QAM	-	64QAM	-	64QAM	-	64QAM	-	64QAM	-	
Lowest CH	-	-	-	-		-	34.85	-		-	31.13	-	
Middle CH	-	-	-	-		-	34.88	-		-	31.32	-	
Highest CH	-	-	-	-		-	34.93	-		-	31.65	-	
Antenna Gain	13.2 dBi												
Limit	37dBm / MHz												
Result	Pass												



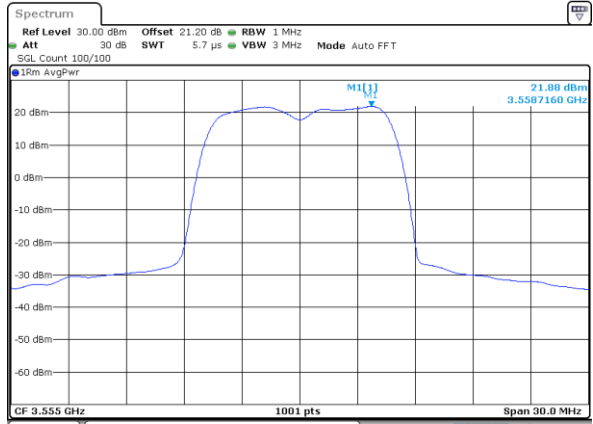
LTE Band 48 / 10MHz

Lowest Channel / 10MHz / Full / QPSK



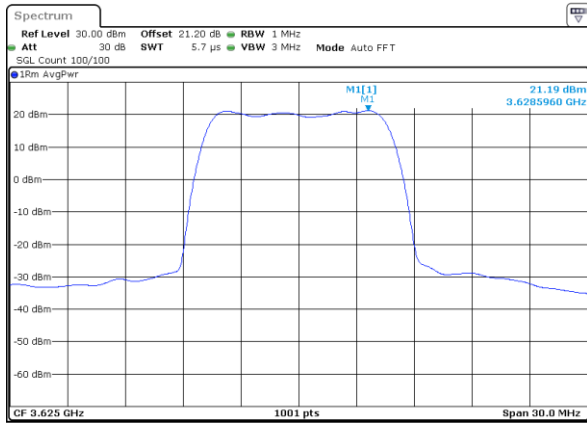
Date: 5.NOV.2020 22:53:05

Lowest Channel / 10MHz / Full / 16QAM



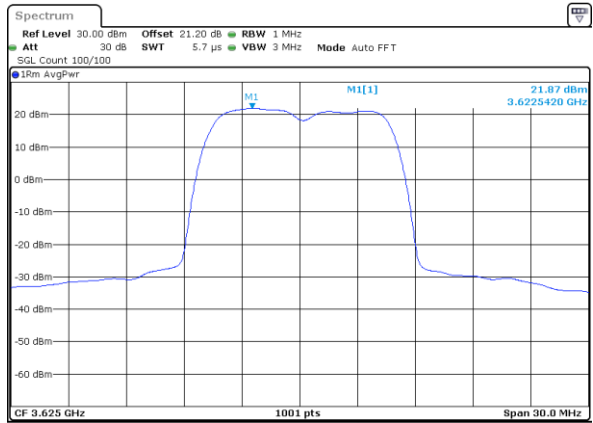
Date: 5.NOV.2020 23:04:05

Middle Channel / 10MHz / Full / QPSK



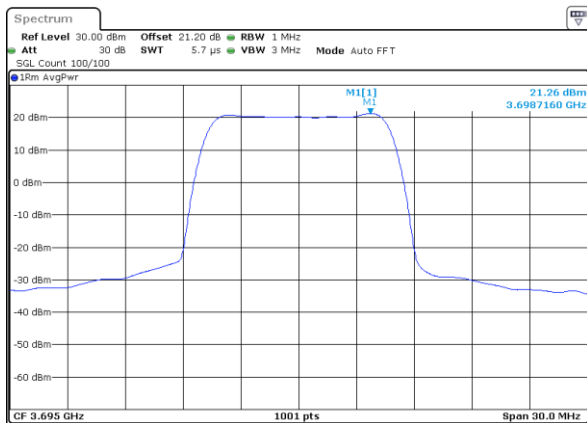
Date: 5.NOV.2020 22:55:45

Middle Channel / 10MHz / Full / 16QAM



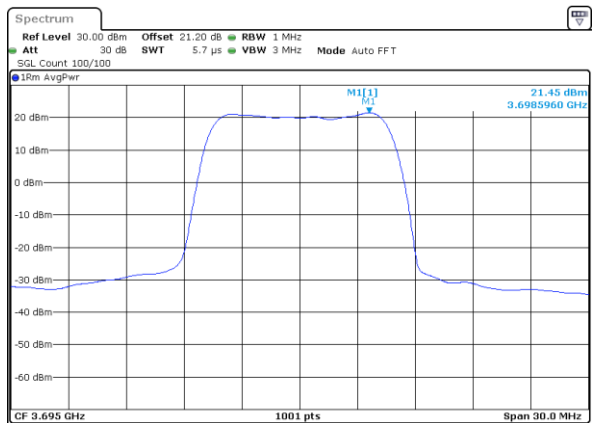
Date: 5.NOV.2020 23:02:16

Highest Channel / 10MHz / Full / QPSK



Date: 5.NOV.2020 22:56:37

Highest Channel / 10MHz / Full / 16QAM

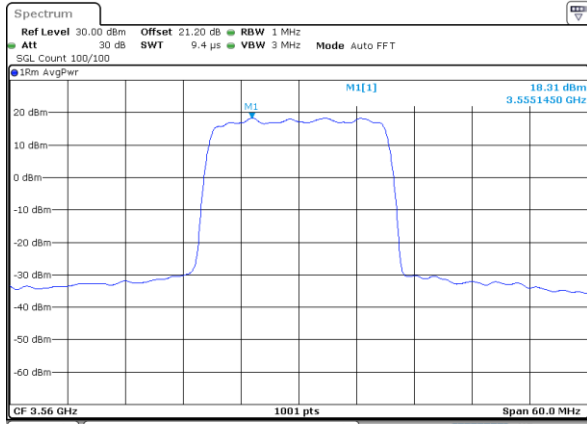


Date: 5.NOV.2020 23:01:20



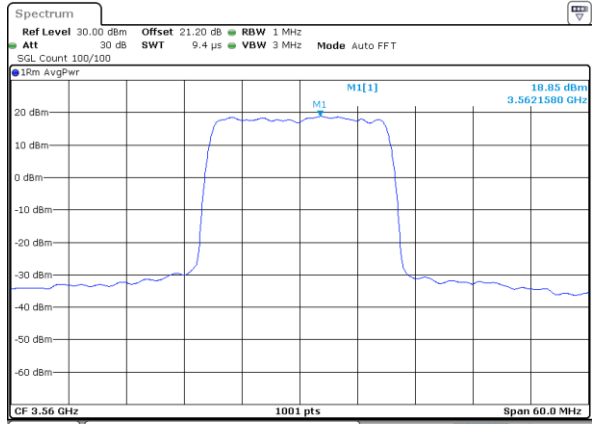
LTE Band 48 / 20MHz

Lowest Channel / 20MHz / Full / QPSK



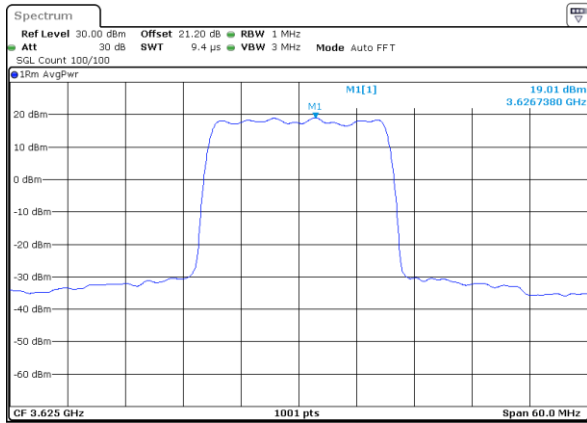
Date: 5.NOV.2020 23:19:14

Lowest Channel / 20MHz / Full / 16QAM



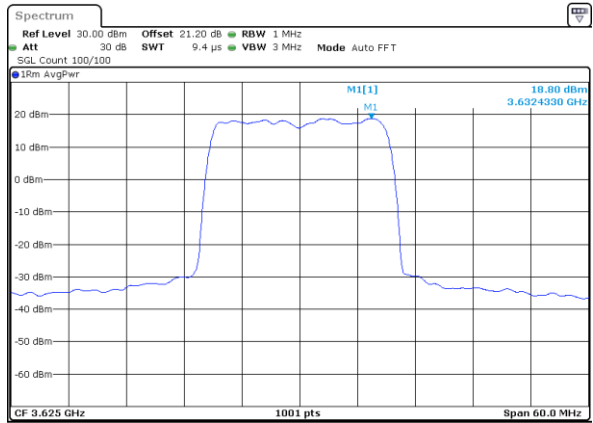
Date: 5.NOV.2020 23:32:47

Middle Channel / 20MHz / Full / QPSK



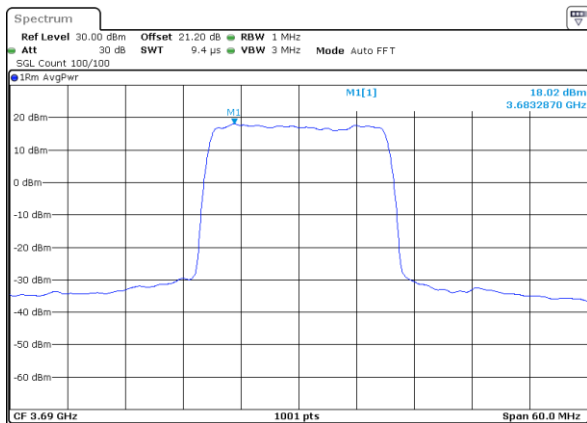
Date: 5.NOV.2020 23:12:00

Middle Channel / 20MHz / Full / 16QAM



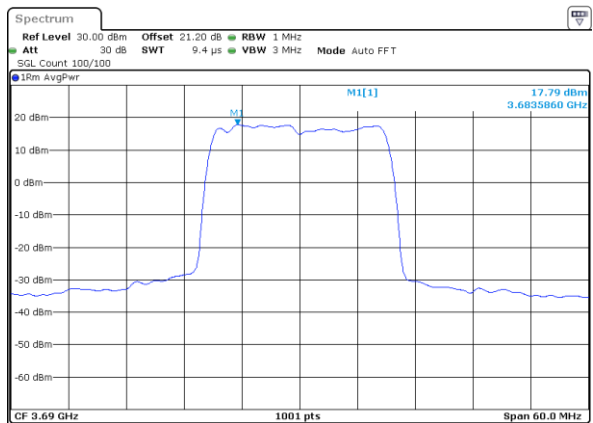
Date: 5.NOV.2020 23:30:11

Highest Channel / 20MHz / Full / QPSK

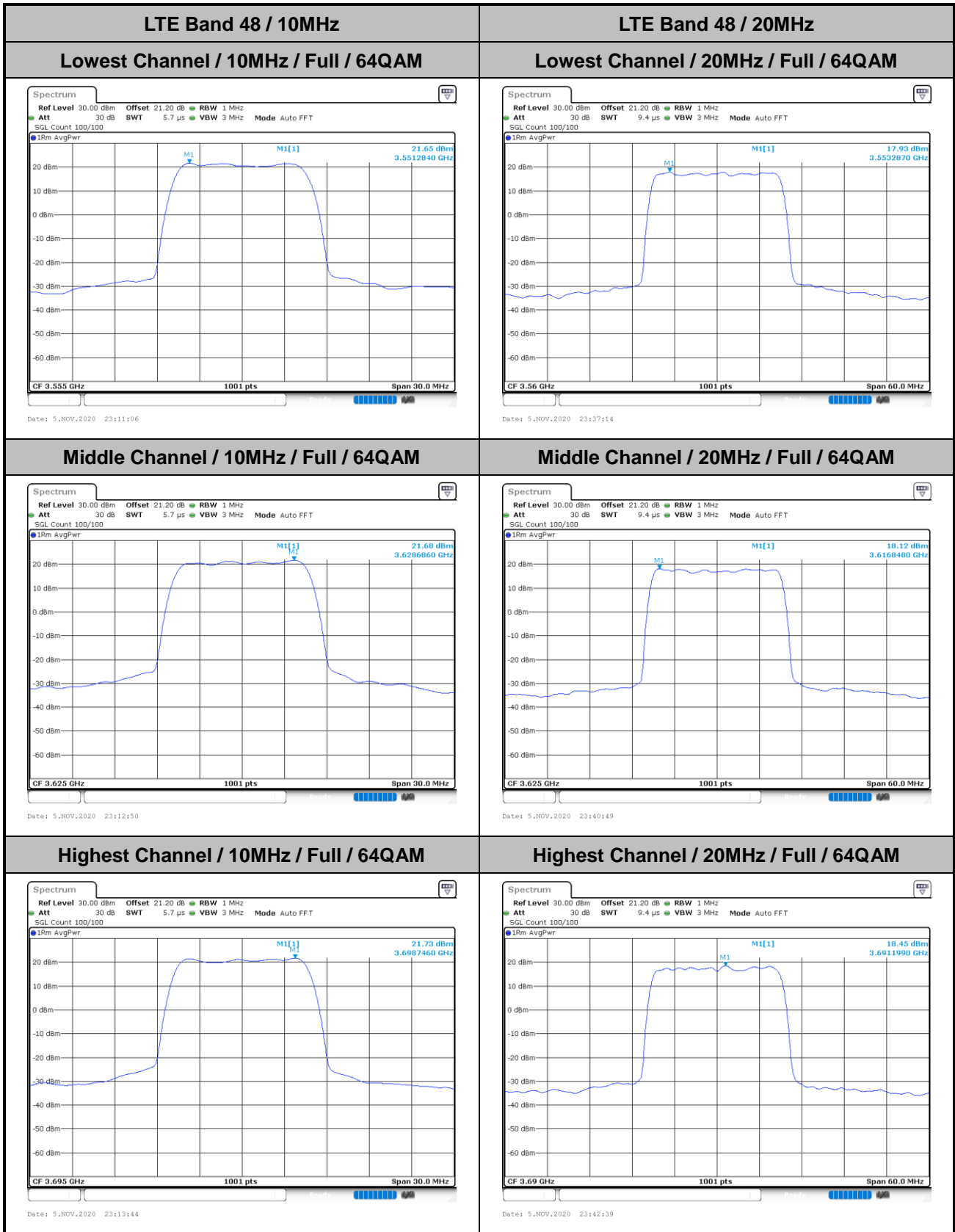


Date: 5.NOV.2020 23:12:27

Highest Channel / 20MHz / Full / 16QAM

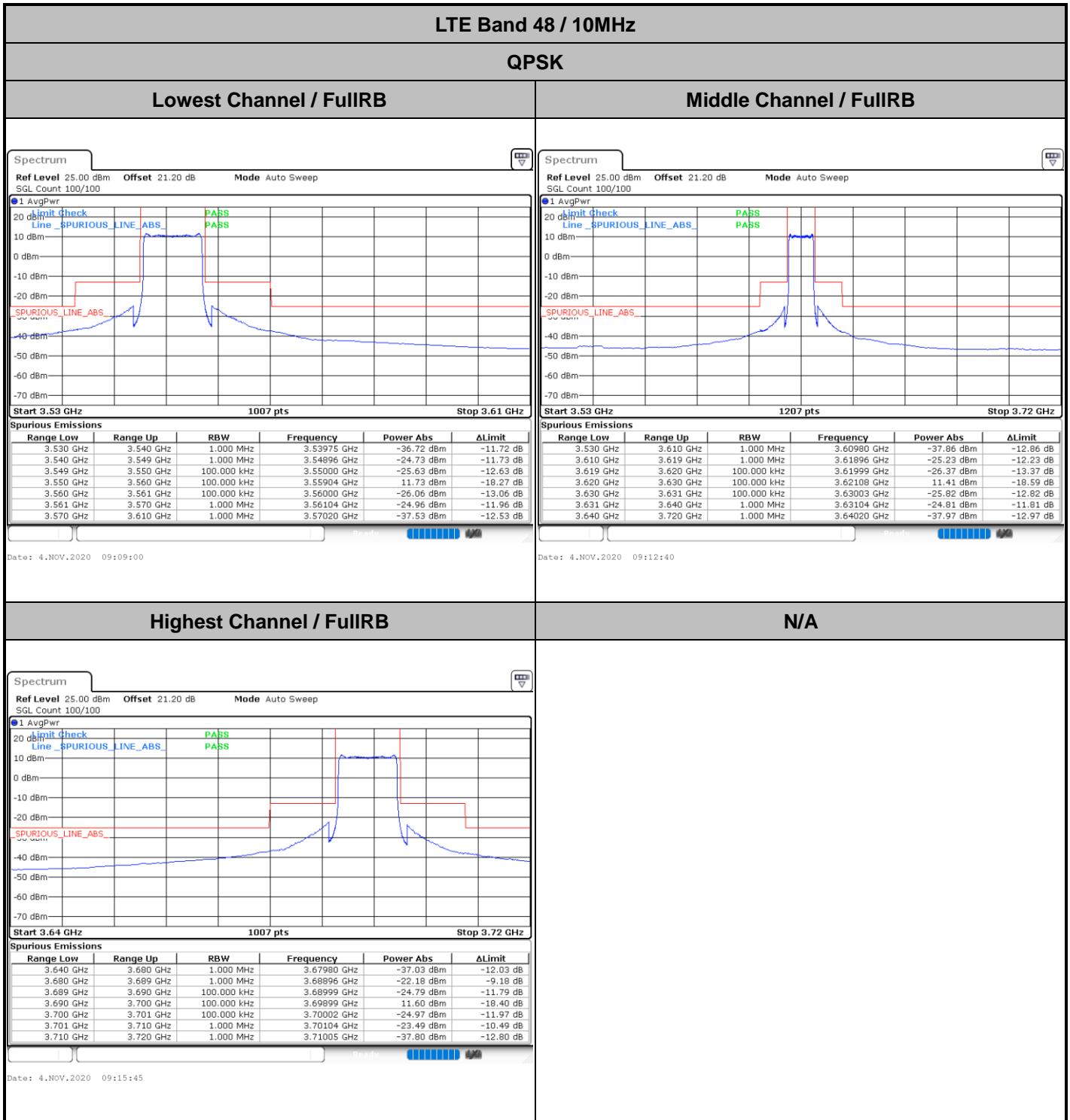


Date: 5.NOV.2020 23:28:02





Conducted Band Edge



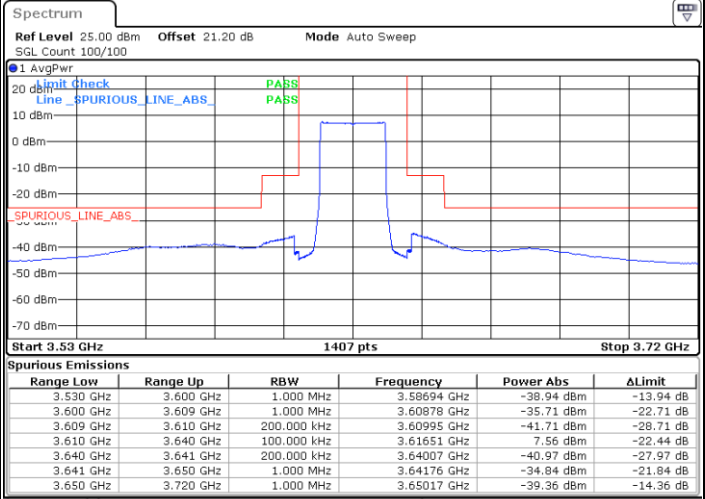
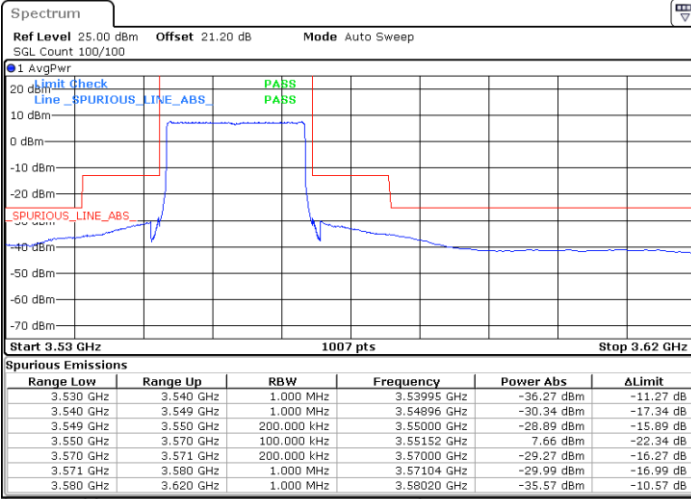


LTE Band 48 / 20MHz

QPSK

Lowest Channel / FullIRB

Middle Channel / FullIRB

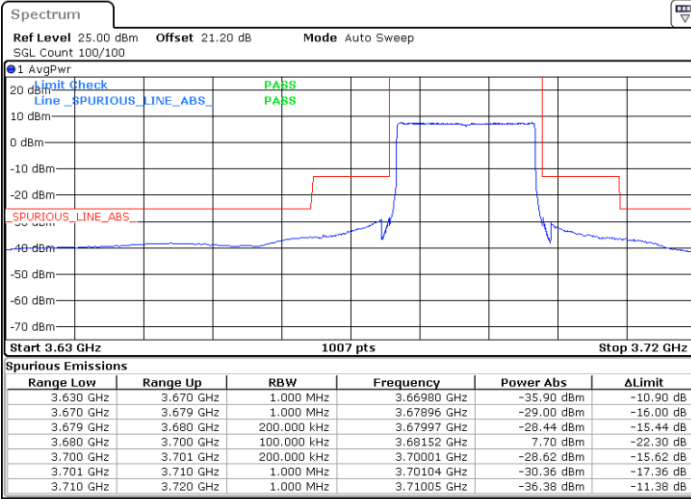


Date: 4.NOV.2020 01:03:35

Date: 4.NOV.2020 01:07:06

Highest Channel / FullIRB

N/A



Date: 4.NOV.2020 01:18:30

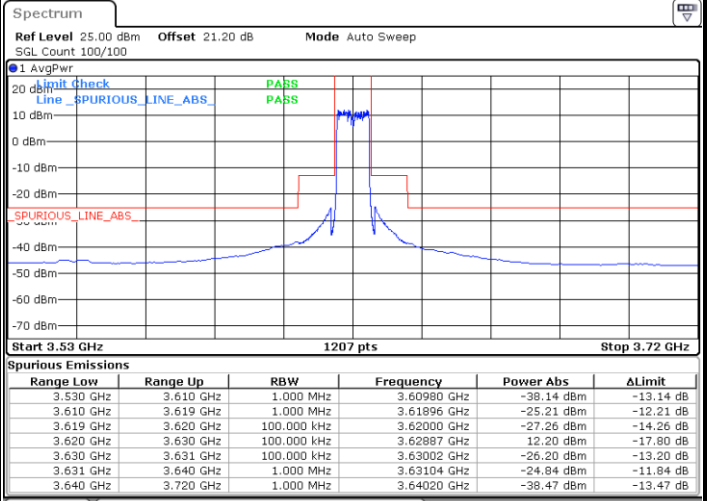
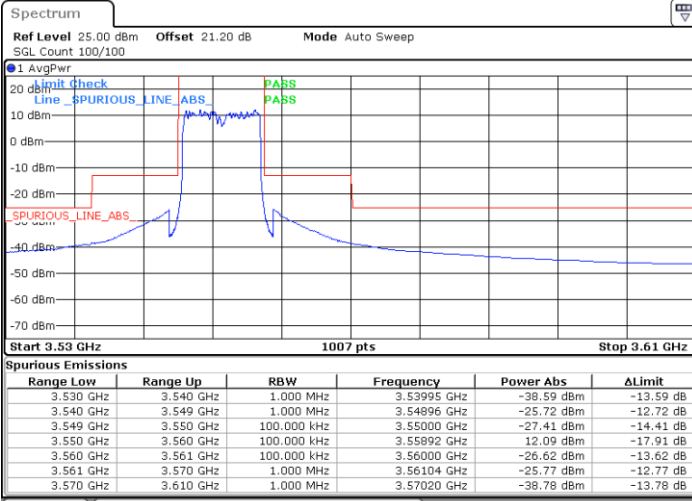


LTE Band 48 / 10MHz

16QAM

Lowest Channel / FullIRB

Middle Channel / FullIRB

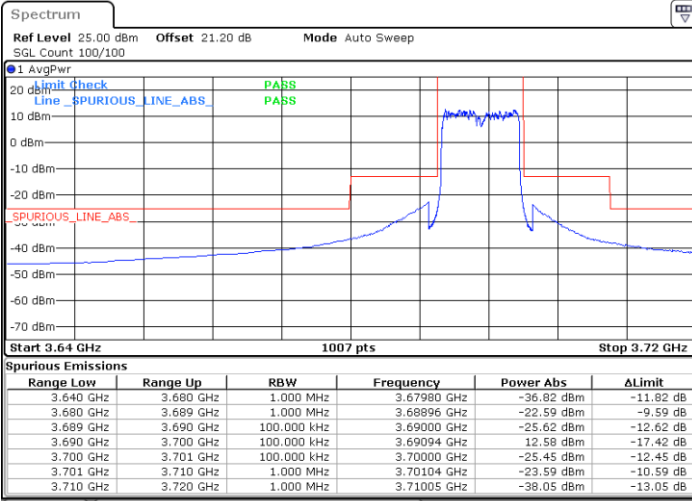


Date: 4.NOV.2020 09:34:42

Date: 4.NOV.2020 09:28:32

Highest Channel / FullIRB

N/A



Date: 4.NOV.2020 09:23:12

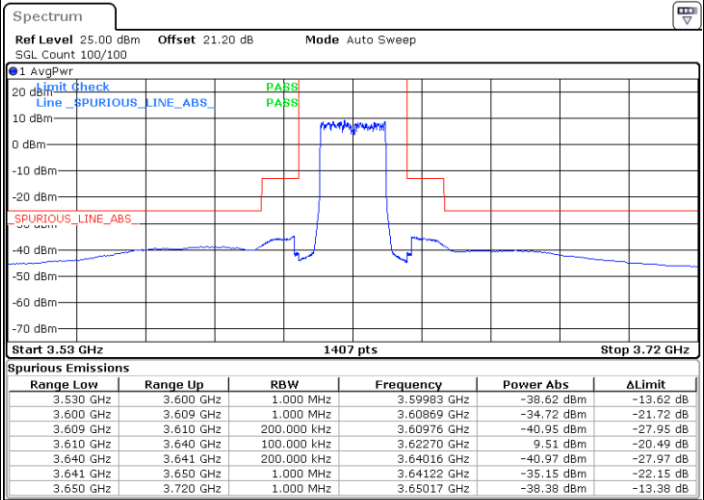
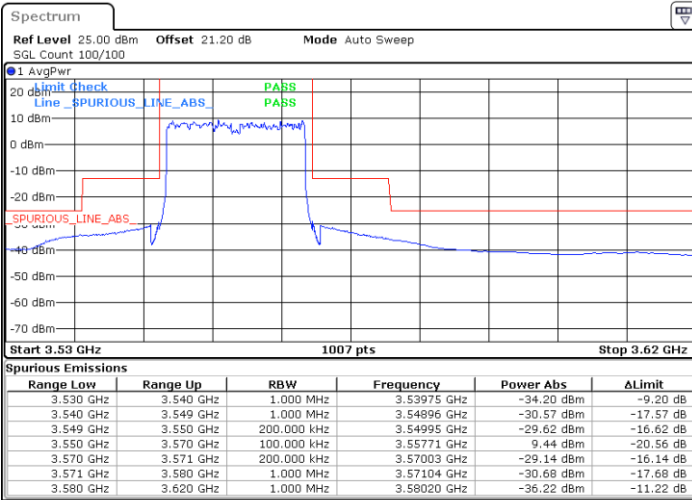


LTE Band 48 / 20MHz

16QAM

Lowest Channel / FullIRB

Middle Channel / FullIRB

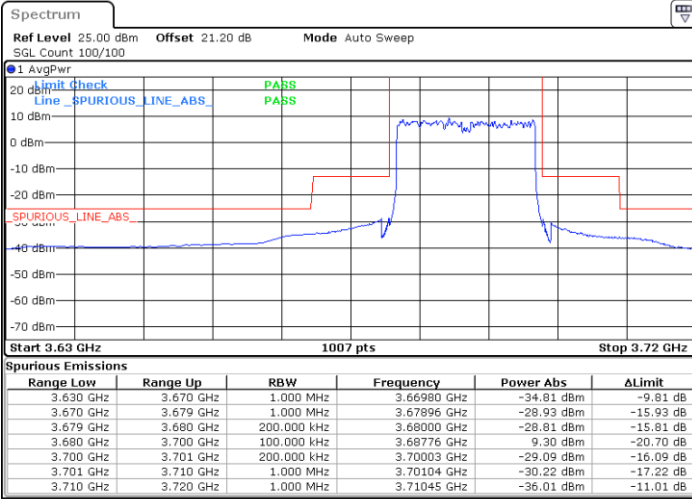


Date: 4.NOV.2020 01:32:51

Date: 4.NOV.2020 01:29:08

Highest Channel / FullIRB

N/A



Date: 4.NOV.2020 01:24:35

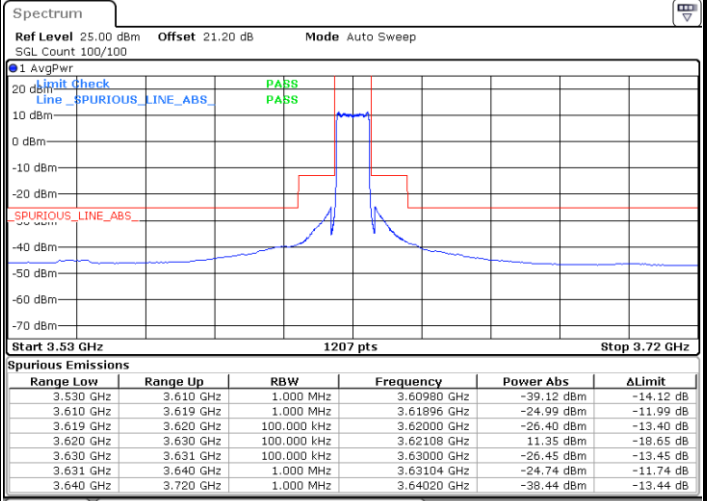
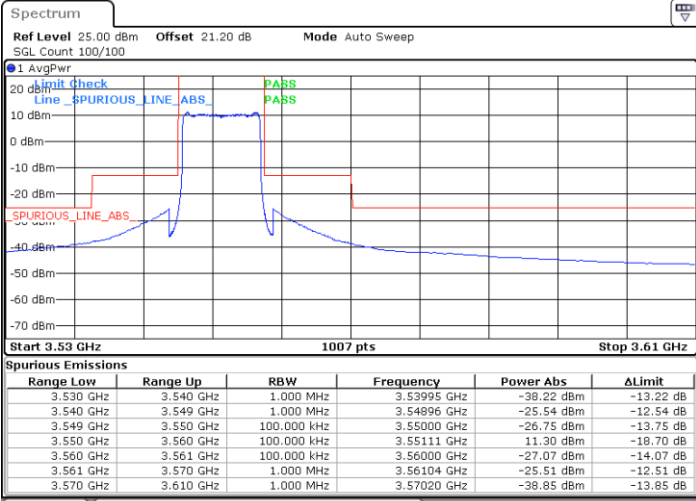


LTE Band 48 / 10MHz

64QAM

Lowest Channel / FullIRB

Middle Channel / FullIRB

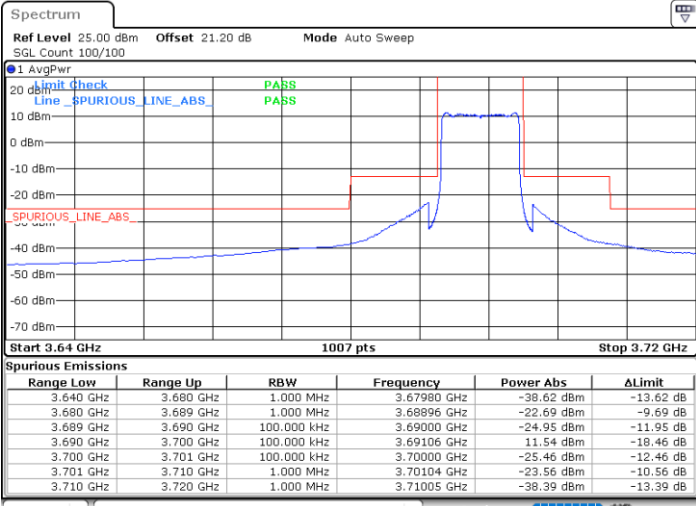


Date: 4.NOV.2020 09:53:33

Date: 4.NOV.2020 09:44:52

Highest Channel / FullIRB

N/A



Date: 4.NOV.2020 09:50:16

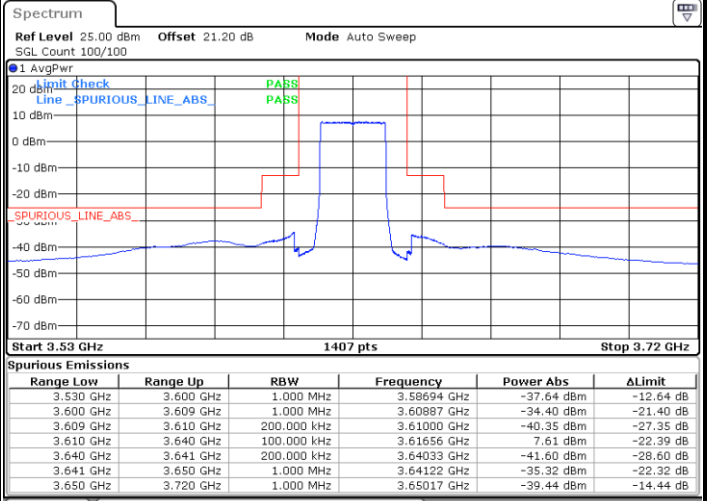
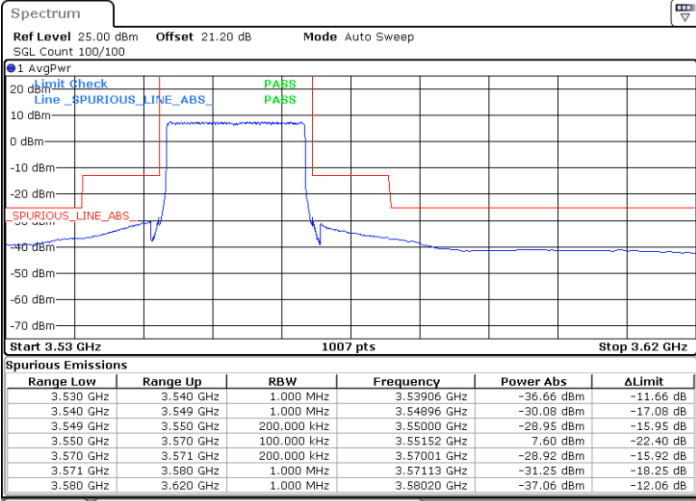


LTE Band 48 / 20MHz

64QAM

Lowest Channel / FullIRB

Middle Channel / FullIRB

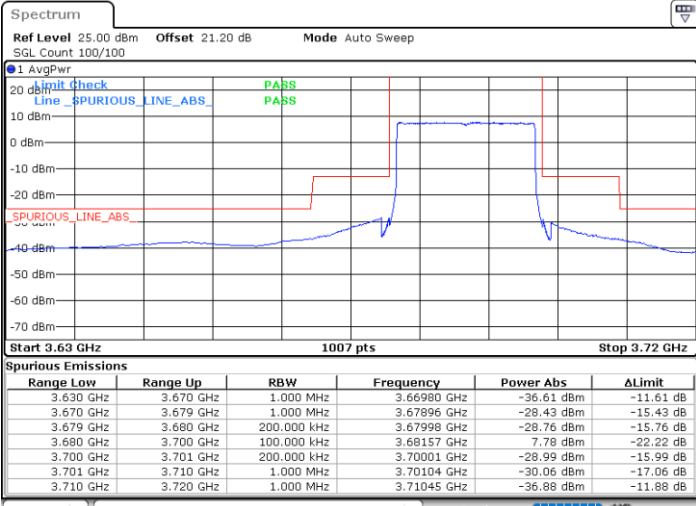


Date: 4.NOV.2020 01:47:41

Date: 4.NOV.2020 01:38:52

Highest Channel / FullIRB

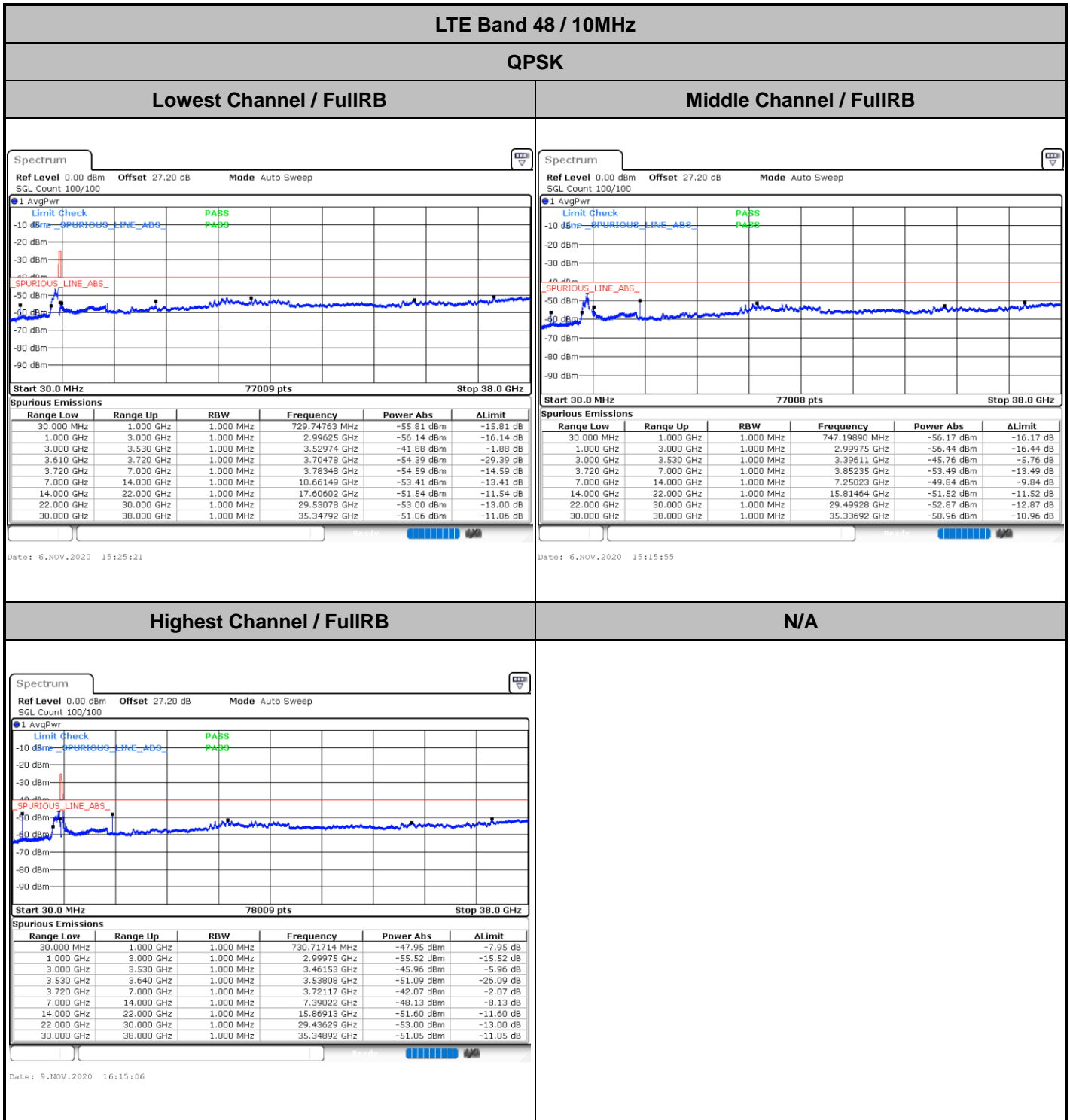
N/A



Date: 4.NOV.2020 01:44:31



Conducted Spurious Emission



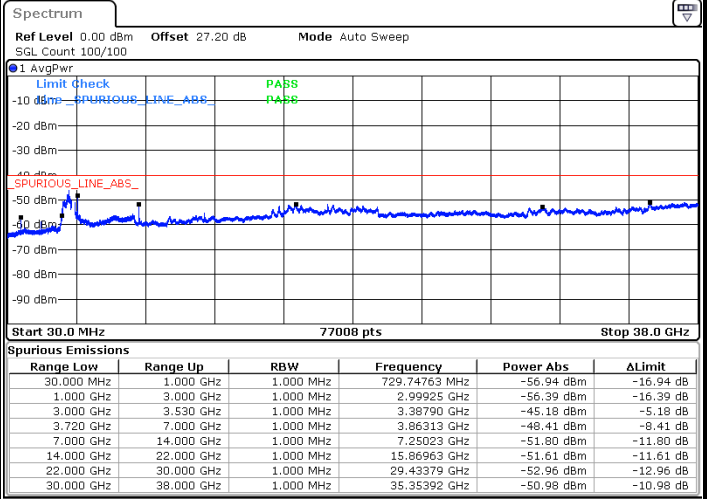
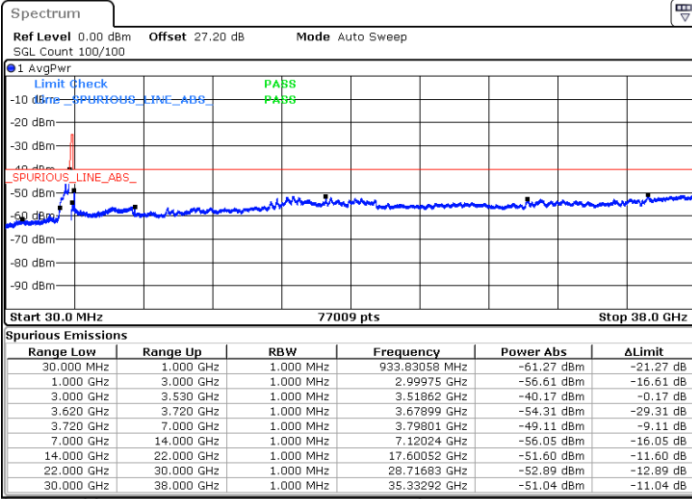


LTE Band 48 / 20MHz

QPSK

Lowest Channel / FullIRB

Middle Channel / FullIRB

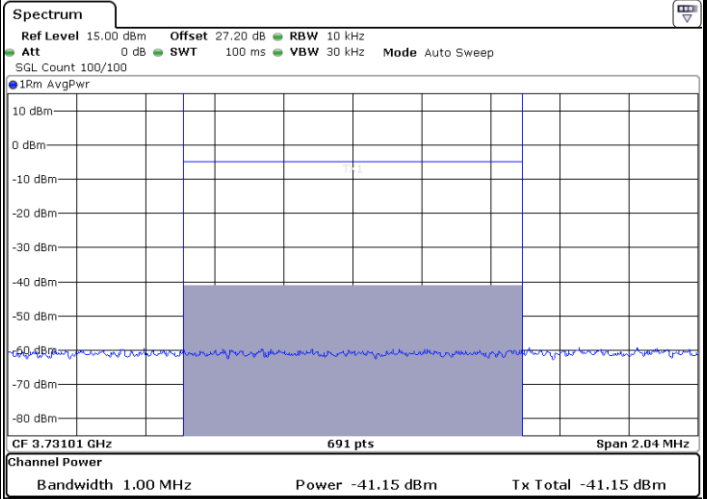
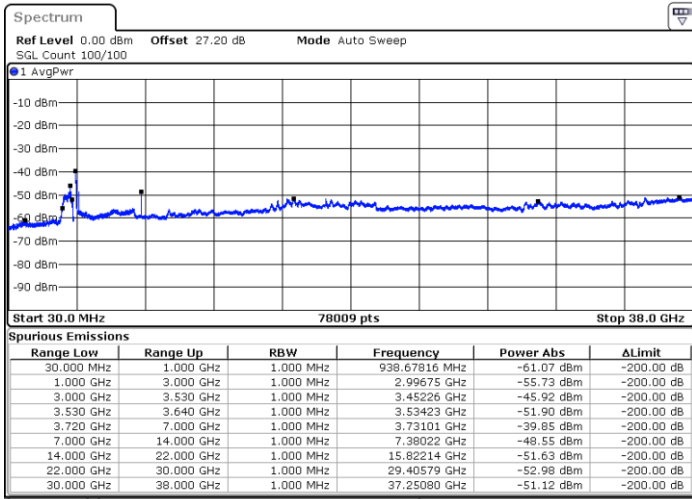


Date: 6.NOV.2020 16:06:51

Date: 6.NOV.2020 15:59:54

Highest Channel / FullIRB

Channel Power -41.15dBm<-40dBm(Pass)



Date: 9.NOV.2020 16:07:48

Date: 9.NOV.2020 16:08:32

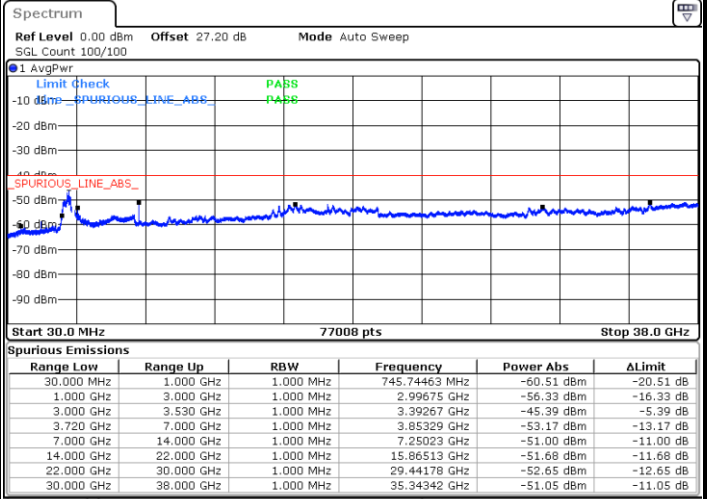
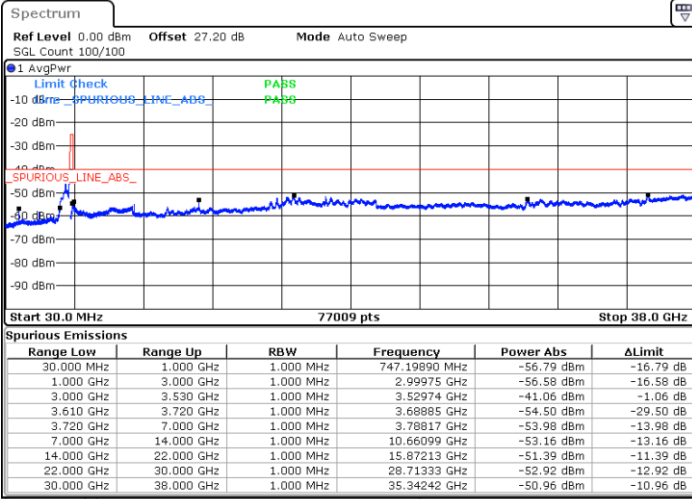


LTE Band 48 / 10MHz

16QAM

Lowest Channel / FullIRB

Middle Channel / FullIRB

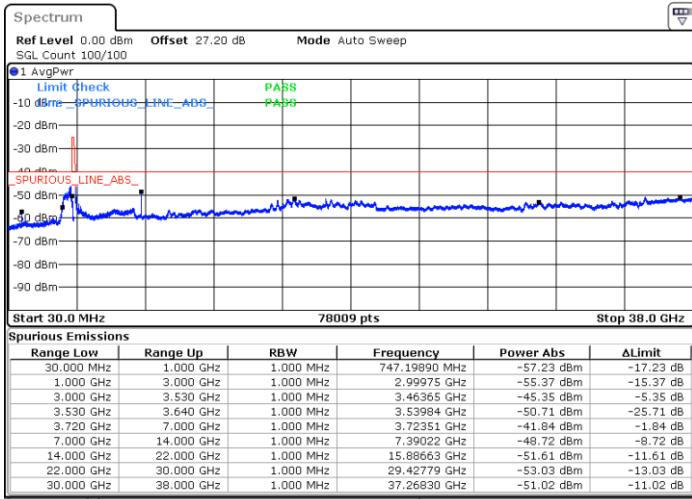


Date: 6.NOV.2020 15:32:43

Date: 6.NOV.2020 15:30:41

Highest Channel / FullIRB

N/A



Date: 9.NOV.2020 16:19:34

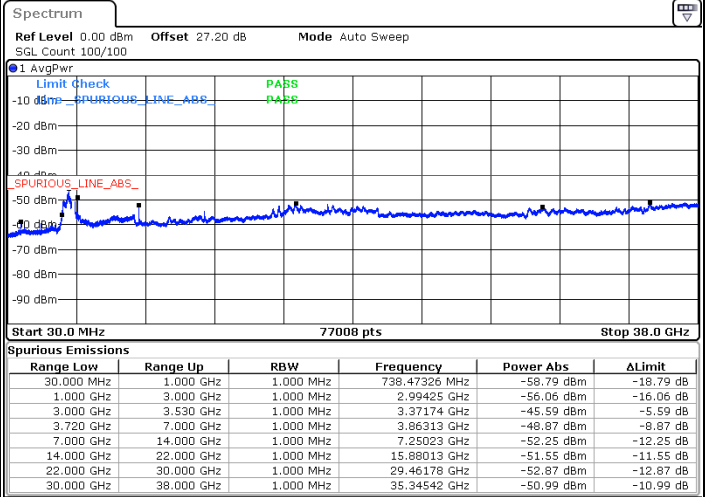
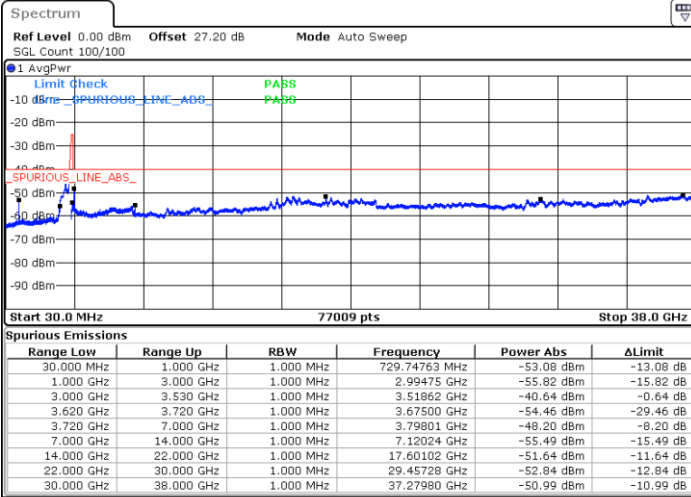


LTE Band 48 / 20MHz

16QAM

Lowest Channel / FullIRB

Middle Channel / FullIRB

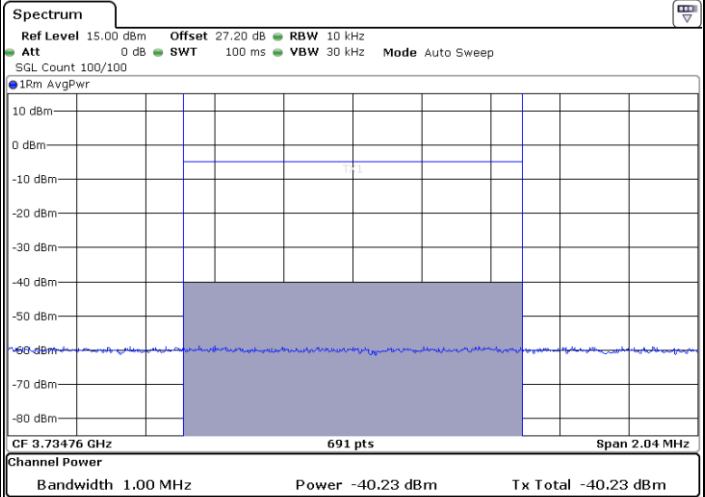
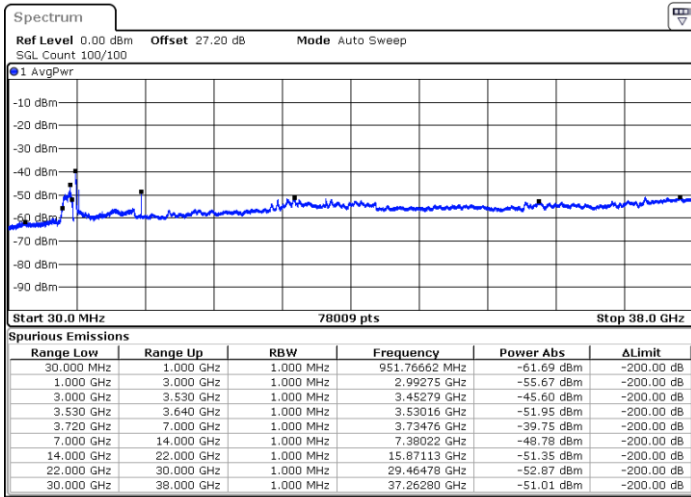


Date: 6.NOV.2020 17:15:02

Date: 6.NOV.2020 16:11:57

Highest Channel / FullIRB

Channel Power -40.23dBm<-40dBm(Pass)



Date: 9.NOV.2020 15:59:56

Date: 9.NOV.2020 16:00:33

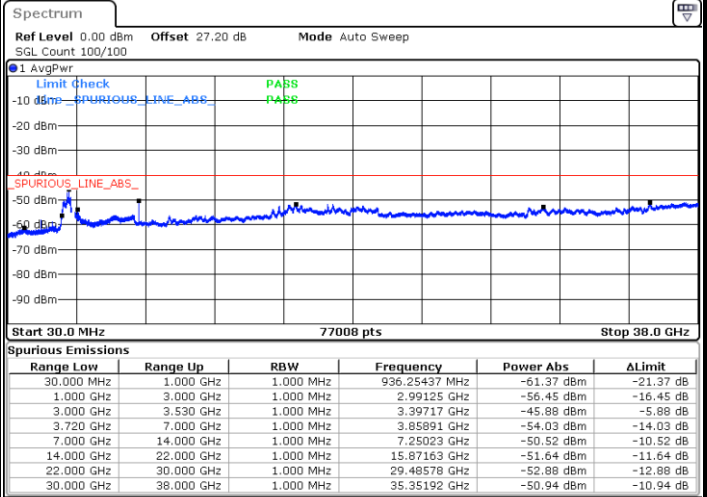
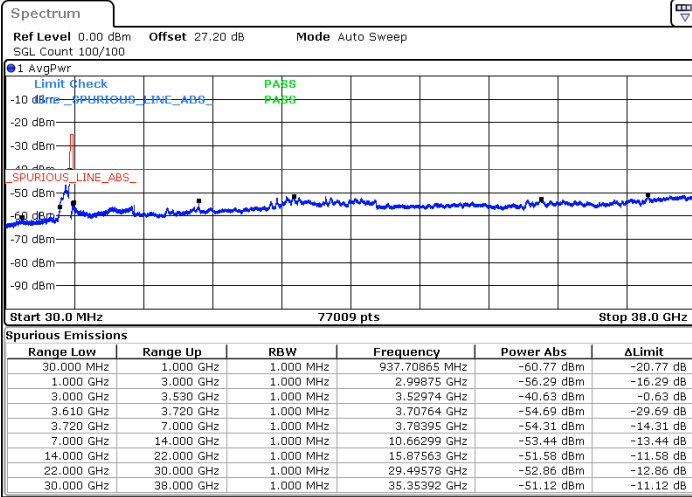


LTE Band 48 / 10MHz

64QAM

Lowest Channel / FullIRB

Middle Channel / FullIRB

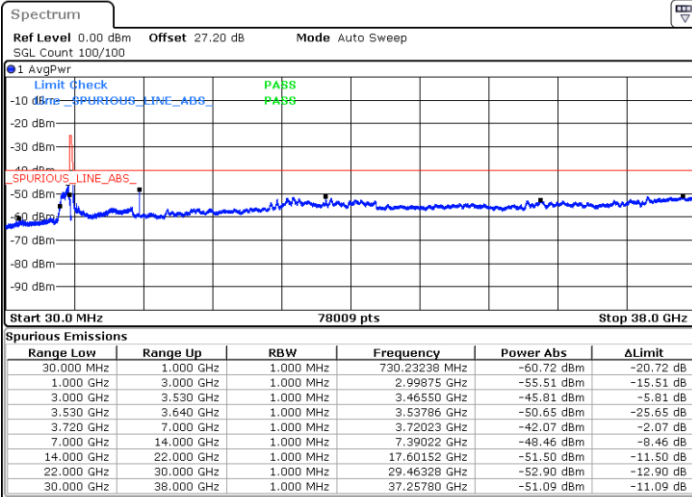


Date: 6.NOV.2020 15:53:18

Date: 6.NOV.2020 15:54:55

Highest Channel / FullIRB

N/A



Date: 9.NOV.2020 16:23:39

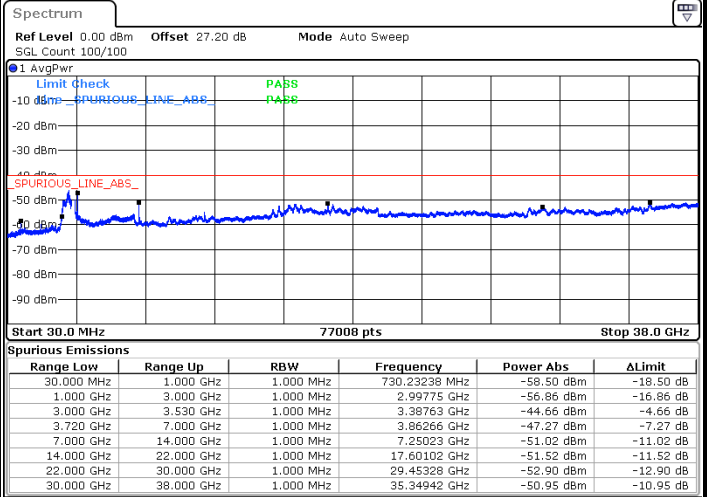
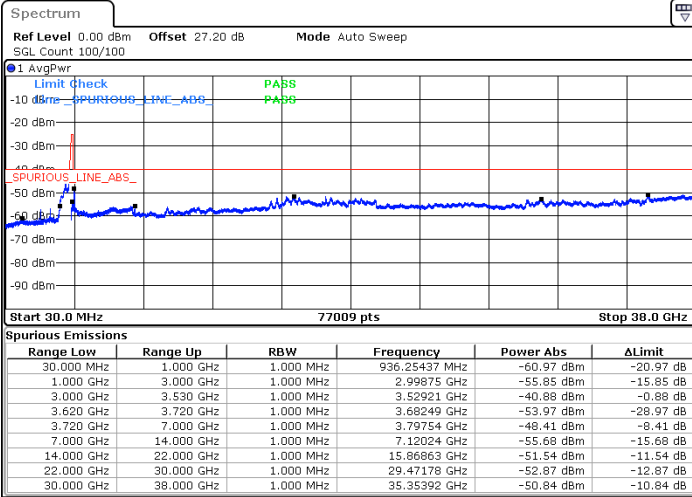


LTE Band 48 / 20MHz

64QAM

Lowest Channel / FullIRB

Middle Channel / FullIRB

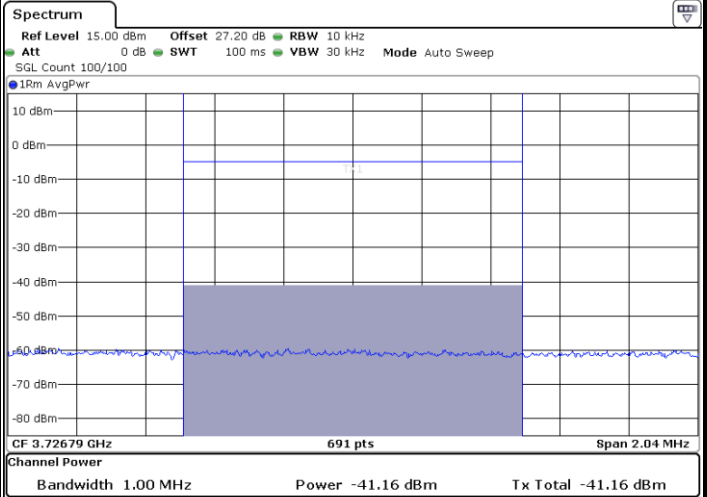
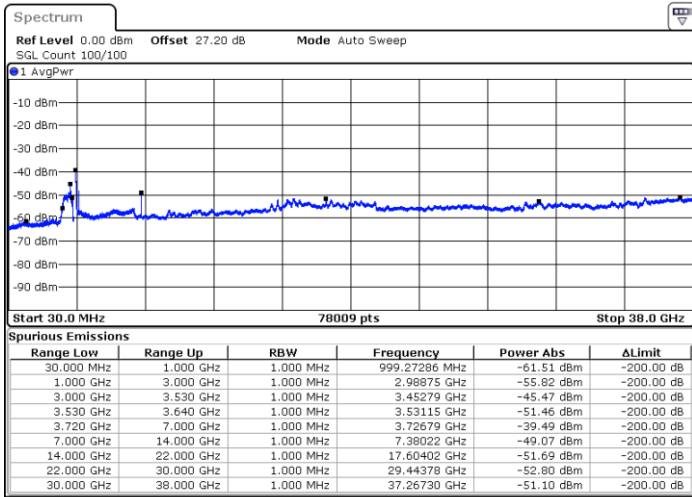


Date: 6.NOV.2020 16:57:37

Date: 6.NOV.2020 17:01:07

Highest Channel / FullIRB

Channel Power -41.16dBm<-40dBm(Pass)



Date: 9.NOV.2020 15:52:45

Date: 9.NOV.2020 15:53:51



LTE Band 48C <MIMO 2TX Port 1 & 3>

26dB Bandwidth

Mode	LTE Band 48C : 26dB BW(MHz)			
QPSK				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Lowest CH	-	-	-	-
Middle CH	-	-	-	-
Highest CH	-	-	-	-
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	-	-	39.88	-
Middle CH	-	-	39.96	-
Highest CH	-	-	39.96	-

Mode	LTE Band 48C : 26dB BW(MHz)			
16QAM				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Lowest CH	-	-	-	-
Middle CH	-	-	-	-
Highest CH	-	-	-	-
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	-	-	39.96	-
Middle CH	-	-	39.96	-
Highest CH	-	-	39.88	-

Mode	LTE Band 48C : 26dB BW(MHz)			
64QAM				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Lowest CH	-	-	-	-
Middle CH	-	-	-	-
Highest CH	-	-	-	-
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	-	-	39.80	-
Middle CH	-	-	39.96	-
Highest CH	-	-	39.80	-



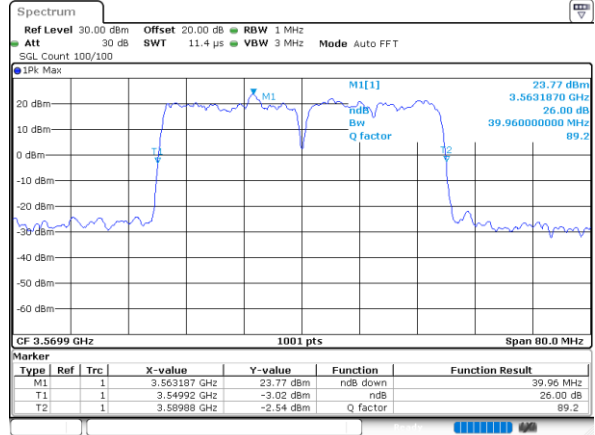
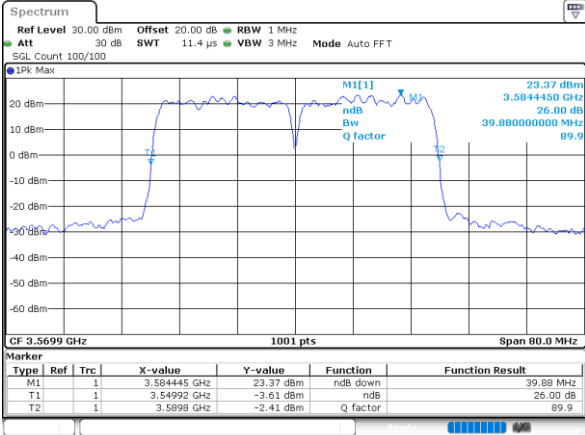
LTE Band 48C

QPSK

16QAM

Lowest Channel / 20MHz+20MHz

Lowest Channel / 20MHz+20MHz

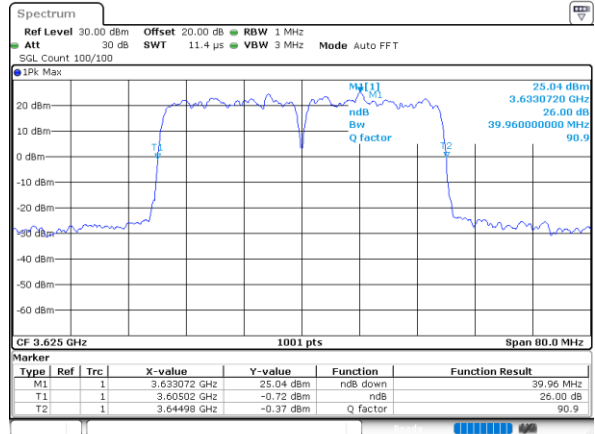
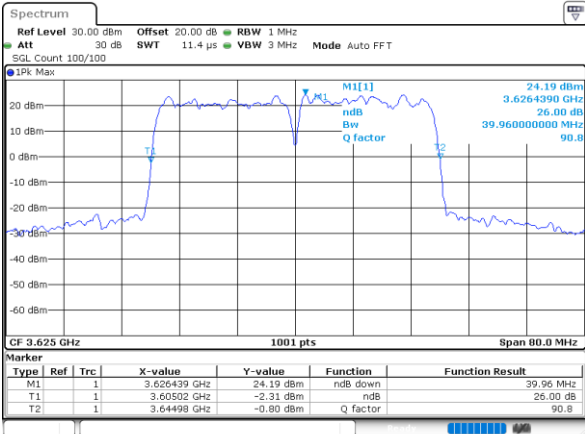


Date: 6.NOV.2020 00:06:48

Date: 6.NOV.2020 00:31:36

Middle Channel / 20MHz+20MHz

Middle Channel / 20MHz+20MHz

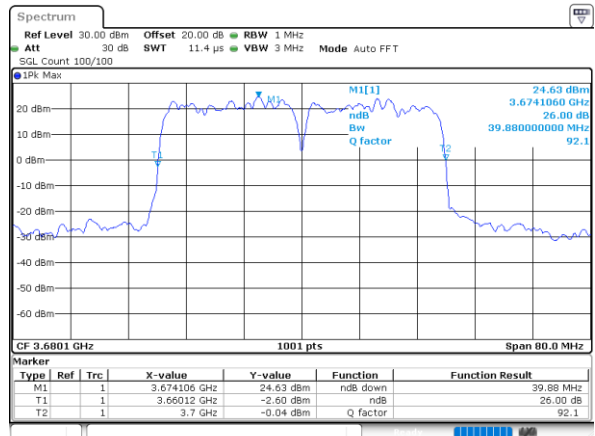
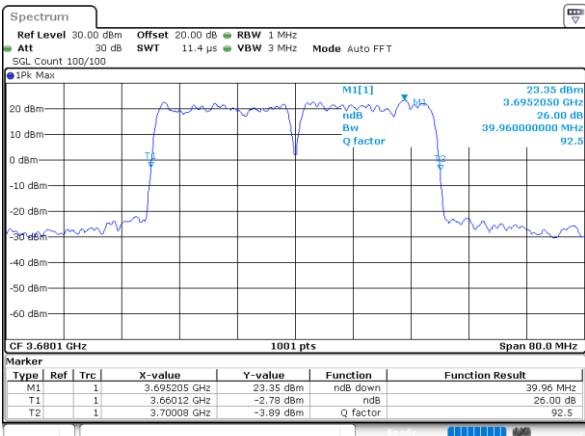


Date: 6.NOV.2020 00:14:21

Date: 6.NOV.2020 00:39:51

Highest Channel / 20MHz+20MHz

Highest Channel / 20MHz+20MHz



Date: 6.NOV.2020 00:26:35

Date: 6.NOV.2020 00:41:33

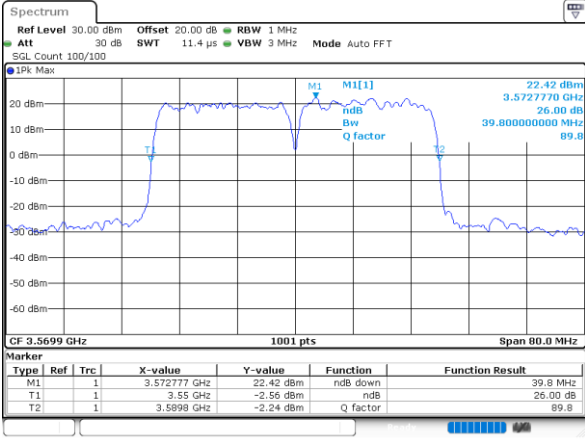


LTE Band 48C

64QAM

Lowest Channel / 20MHz+20MHz

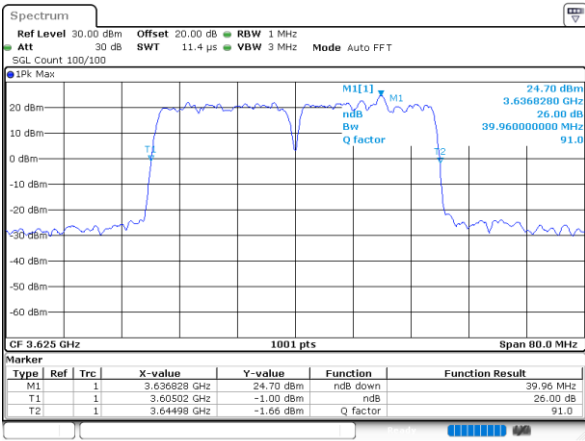
N/A



Date: 6.NOV.2020 00:47:12

Middle Channel / 20MHz+20MHz

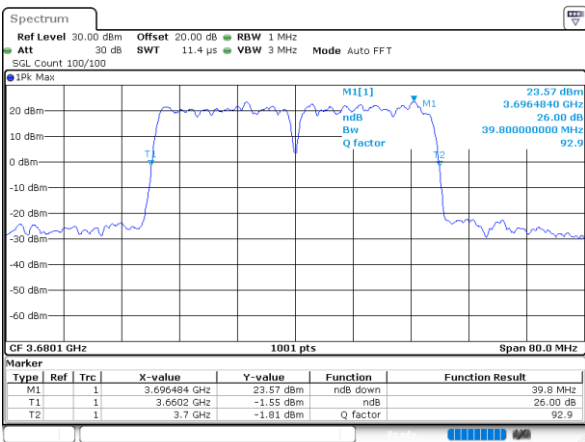
N/A



Date: 6.NOV.2020 00:49:42

Highest Channel / 20MHz+20MHz

N/A



Date: 6.NOV.2020 00:53:04



Occupied Bandwidth

Mode	LTE Band 48C : 99%OBW(MHz)			
QPSK				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Lowest CH	-	-	-	-
Middle CH	-	-	-	-
Highest CH	-	-	-	-
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	-	-	37.72	-
Middle CH	-	-	37.56	-
Highest CH	-	-	37.72	-

Mode	LTE Band 48C : 99%OBW(MHz)			
16QAM				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Lowest CH	-	-	-	-
Middle CH	-	-	-	-
Highest CH	-	-	-	-
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	-	-	38.04	-
Middle CH	-	-	38.04	-
Highest CH	-	-	37.64	-

Mode	LTE Band 48C : 99%OBW(MHz)			
64QAM				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Lowest CH	-	-	-	-
Middle CH	-	-	-	-
Highest CH	-	-	-	-
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	-	-	37.80	-
Middle CH	-	-	37.64	-
Highest CH	-	-	37.72	-



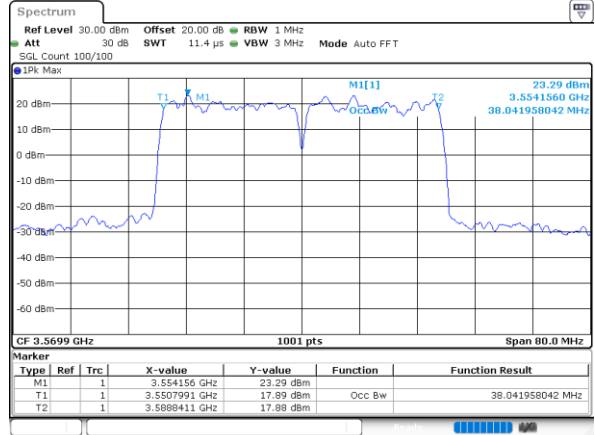
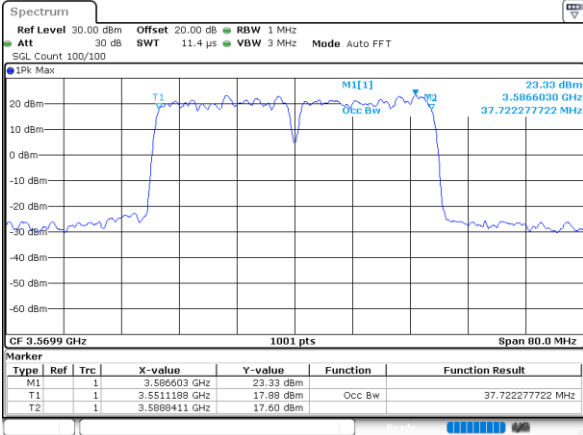
LTE Band 48C

QPSK

16QAM

Lowest Channel / 20MHz+20MHz

Lowest Channel / 20MHz+20MHz

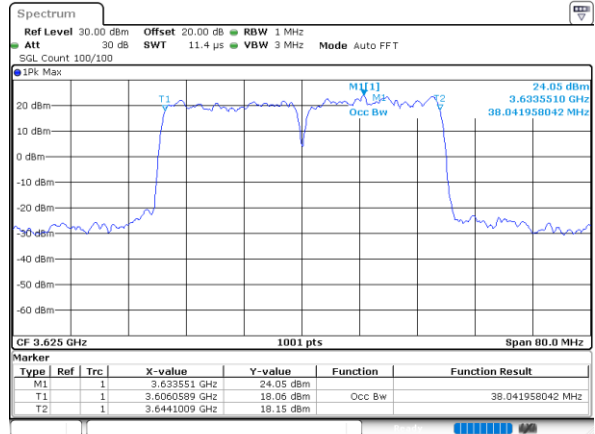
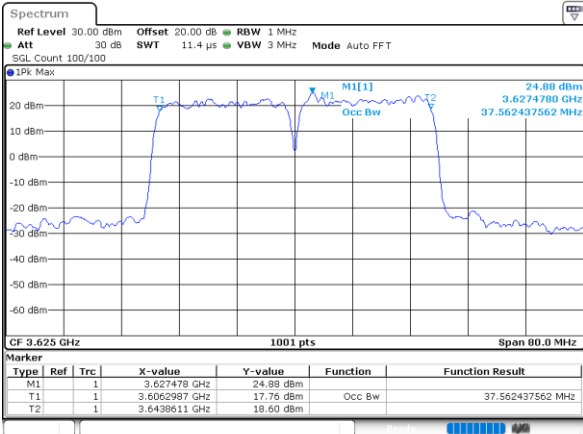


Date: 6.NOV.2020 00:06:02

Date: 6.NOV.2020 00:31:11

Middle Channel / 20MHz+20MHz

Middle Channel / 20MHz+20MHz

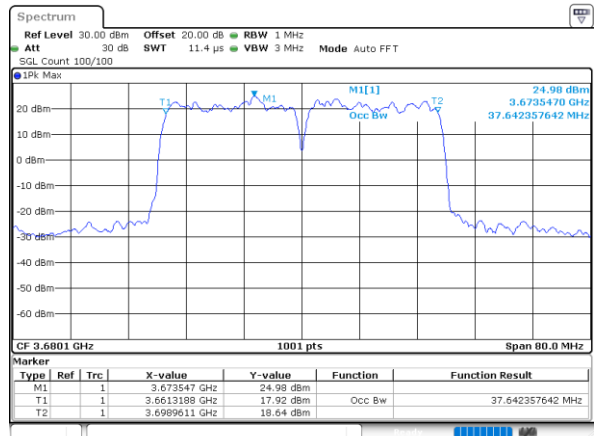
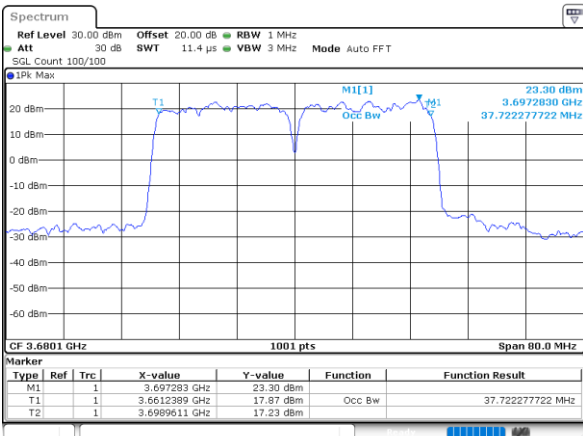


Date: 6.NOV.2020 00:14:01

Date: 6.NOV.2020 00:39:20

Highest Channel / 20MHz+20MHz

Highest Channel / 20MHz+20MHz



Date: 6.NOV.2020 00:25:10

Date: 6.NOV.2020 00:41:14

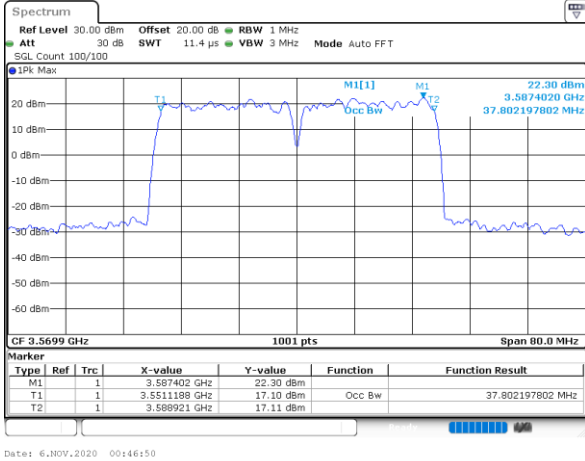


LTE Band 48C

64QAM

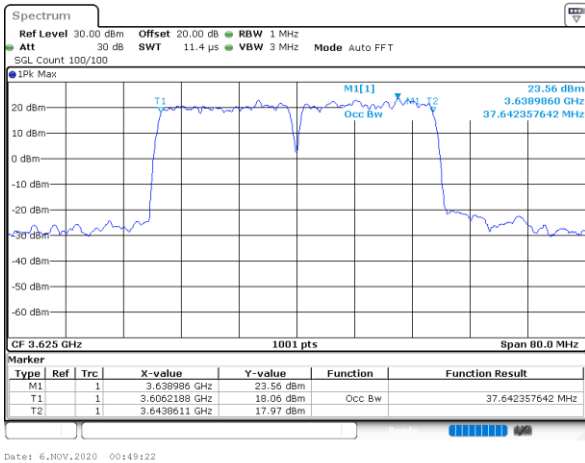
Lowest Channel / 20MHz+20MHz

N/A



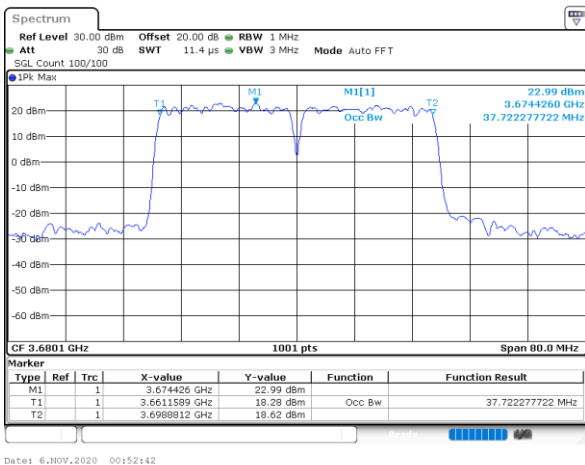
Middle Channel / 20MHz+20MHz

N/A



Highest Channel / 20MHz+20MHz

N/A





Power Density

Mode	LTE Band 48C : Conducted Power Density (dBm/MHz)			
QPSK				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Lowest CH	-	-	-	-
Middle CH	-	-	-	-
Highest CH	-	-	-	-
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	-	-	15.11	-
Middle CH	-	-	16.17	-
Highest CH	-	-	14.94	-
16QAM				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Lowest CH	-	-	-	-
Middle CH	-	-	-	-
Highest CH	-	-	-	-
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	-	-	14.39	-
Middle CH	-	-	15.69	-
Highest CH	-	-	15.25	-
64QAM				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Lowest CH	-	-	-	-
Middle CH	-	-	-	-
Highest CH	-	-	-	-
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	-	-	14.72	-
Middle CH	-	-	15.39	-
Highest CH	-	-	15.29	-



Mode	LTE Band 48C : EIRP Power Density (dBm/MHz)			
QPSK				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Lowest CH	-	-	-	-
Middle CH	-	-	-	-
Highest CH	-	-	-	-
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	-	-	28.31	-
Middle CH	-	-	29.37	-
Highest CH	-	-	28.14	-
16QAM				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Lowest CH	-	-	-	-
Middle CH	-	-	-	-
Highest CH	-	-	-	-
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	-	-	27.59	-
Middle CH	-	-	28.89	-
Highest CH	-	-	28.45	-
64QAM				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Lowest CH	-	-	-	-
Middle CH	-	-	-	-
Highest CH	-	-	-	-
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	-	-	27.92	-
Middle CH	-	-	28.59	-
Highest CH	-	-	28.49	-
Antenna Gain	13.2 dBi			
Limit	37dBm / MHz			
Result	Pass			



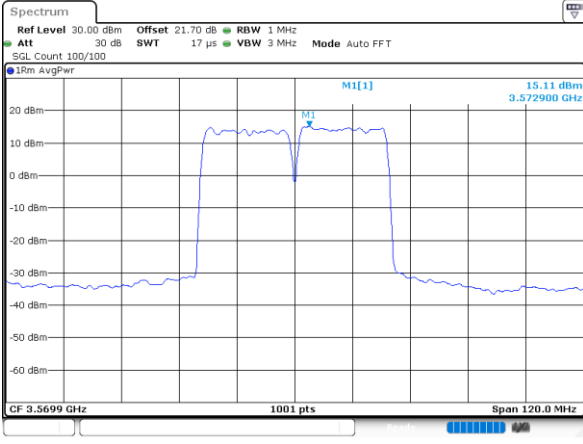
LTE Band 48C

QPSK

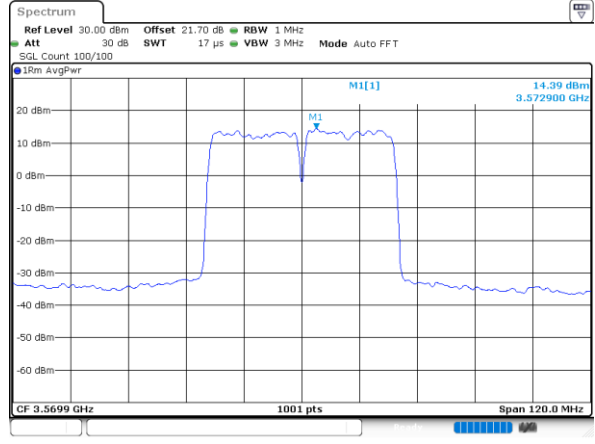
16QAM

Lowest Channel / 20MHz+20MHz

Lowest Channel / 20MHz+20MHz



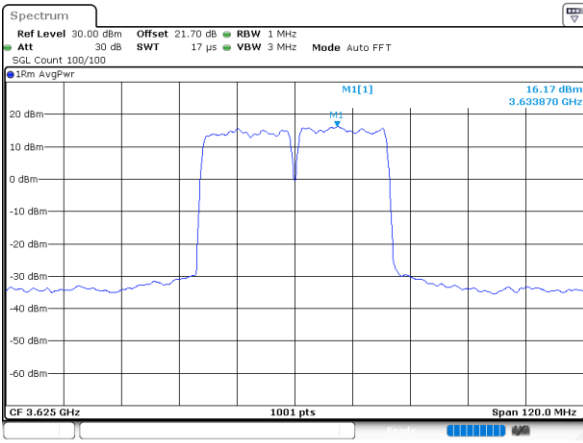
Date: 6.NOV.2020 00:07:24



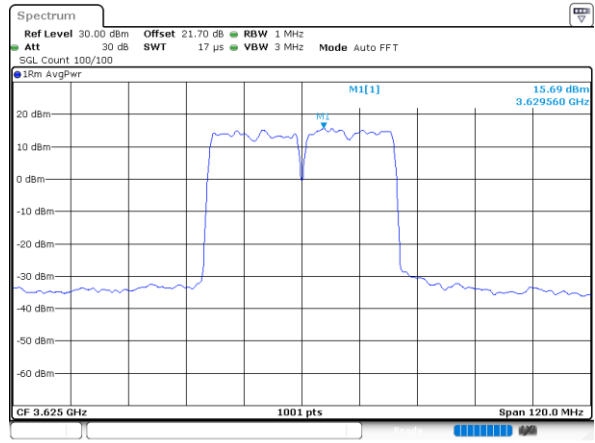
Date: 6.NOV.2020 00:36:13

Middle Channel / 20MHz+20MHz

Middle Channel / 20MHz+20MHz



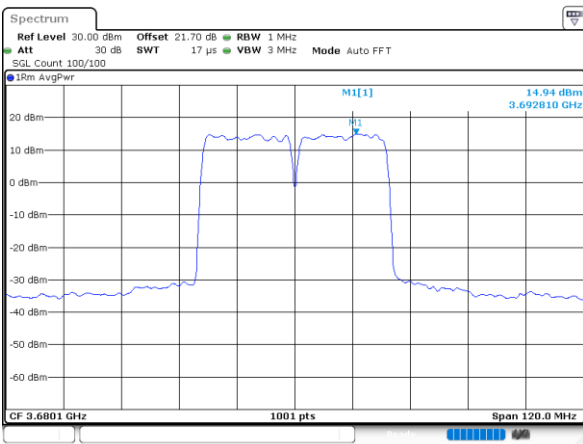
Date: 6.NOV.2020 00:10:01



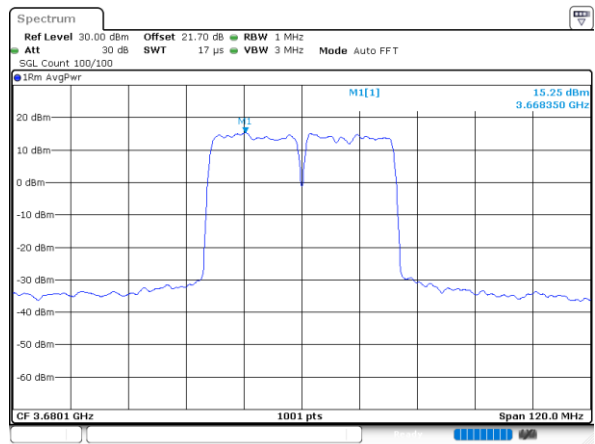
Date: 6.NOV.2020 00:38:02

Highest Channel / 20MHz+20MHz

Highest Channel / 20MHz+20MHz



Date: 6.NOV.2020 00:23:04



Date: 6.NOV.2020 00:42:45

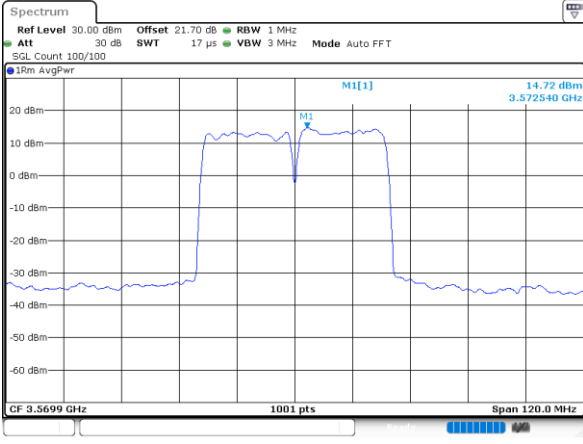


LTE Band 48C

64QAM

Lowest Channel / 20MHz+20MHz

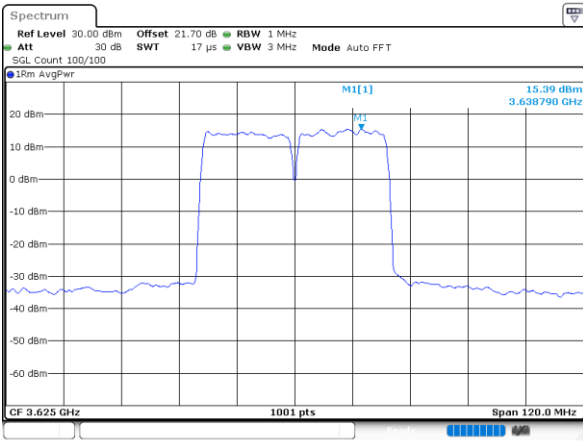
N/A



Date: 6.NOV.2020 00:47:52

Middle Channel / 20MHz+20MHz

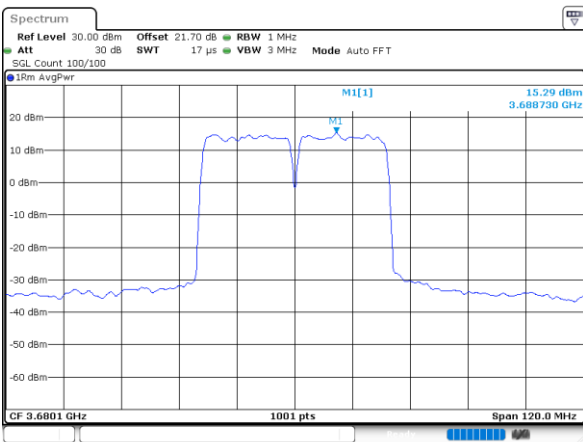
N/A



Date: 6.NOV.2020 00:50:15

Highest Channel / 20MHz+20MHz

N/A



Date: 6.NOV.2020 00:53:37

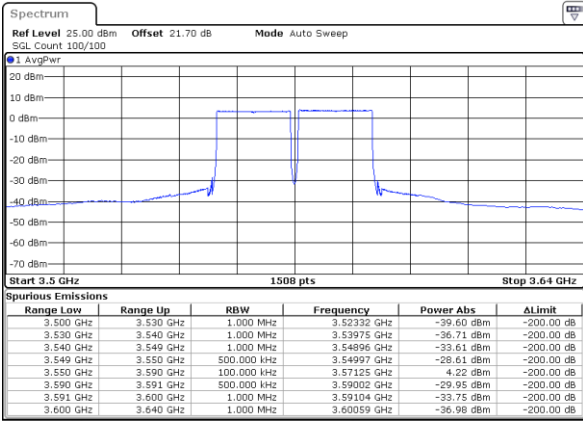


Conducted Band Edge

LTE Band 48C / 20MHz+20MHz

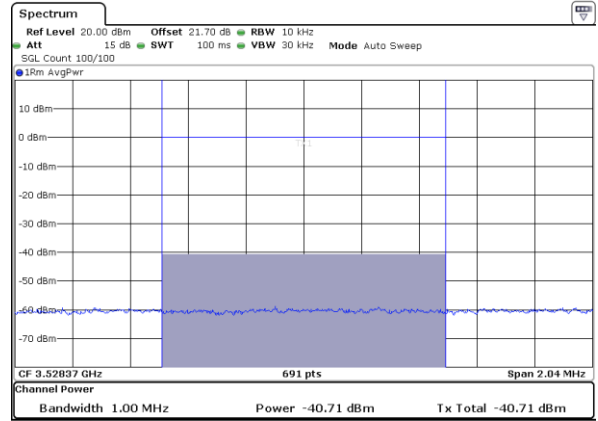
QPSK

Lowest Band Edge / Full RB



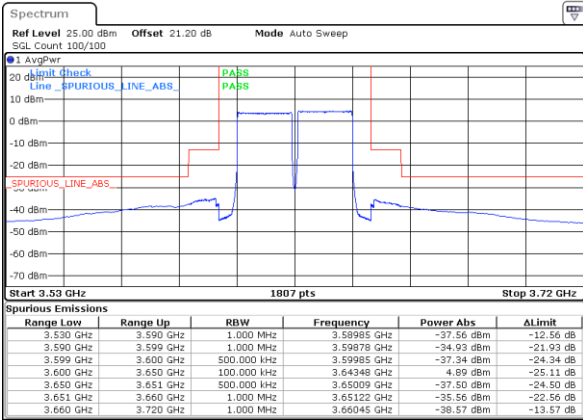
Date: 4.NOV.2020 15:41:09

Channel Power -40.71dBm<-40dBm(Pass)



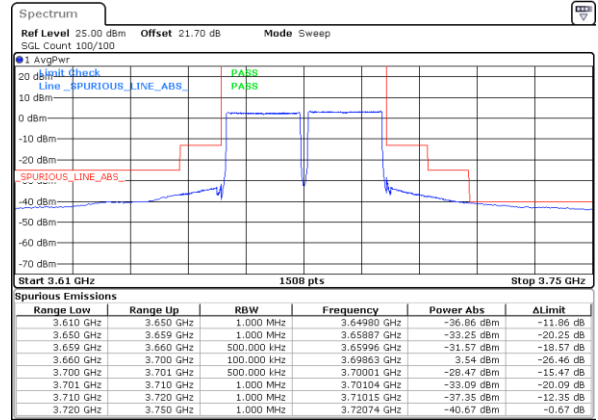
Date: 4.NOV.2020 14:01:18

Middle Band Edge / Full RB



Date: 4.NOV.2020 11:48:03

Highest Band Edge / Full RB



Date: 4.NOV.2020 15:27:53