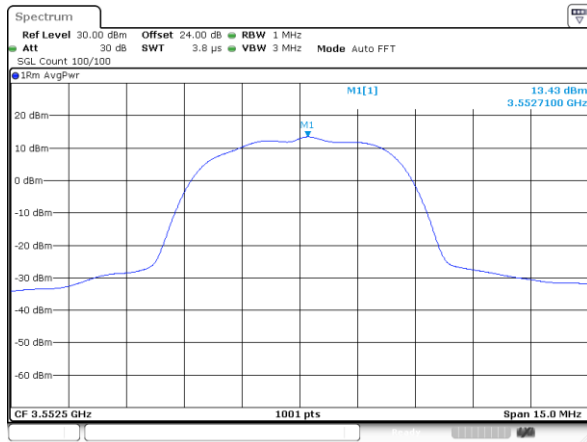




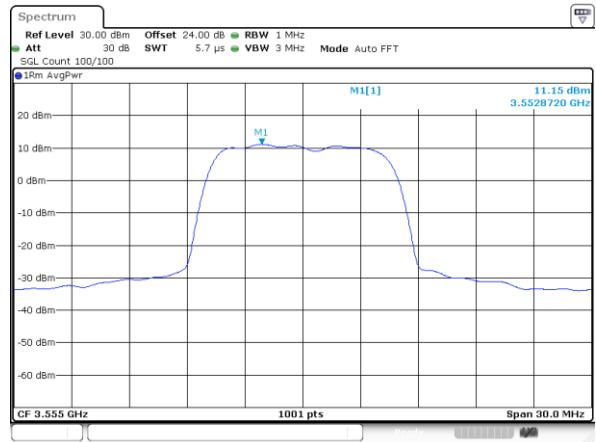
LTE Band 48 / 5MHz

Lowest Channel / 5MHz / Full / 64QAM

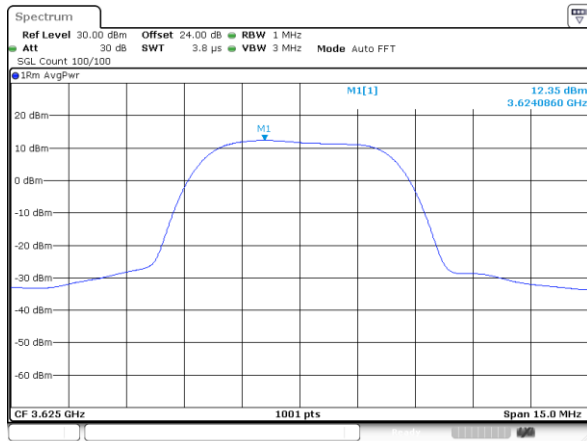


LTE Band 48 / 10MHz

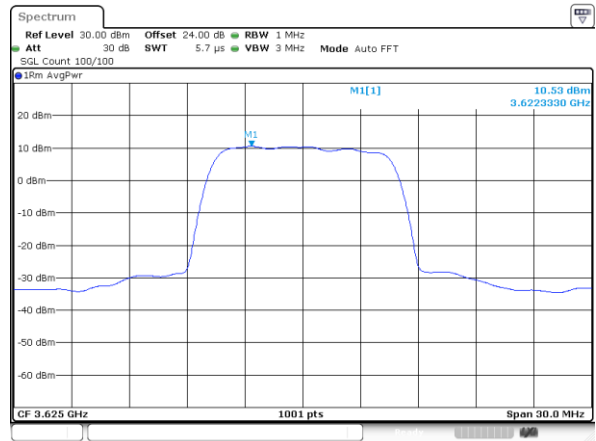
Lowest Channel / 10MHz / Full / 64QAM



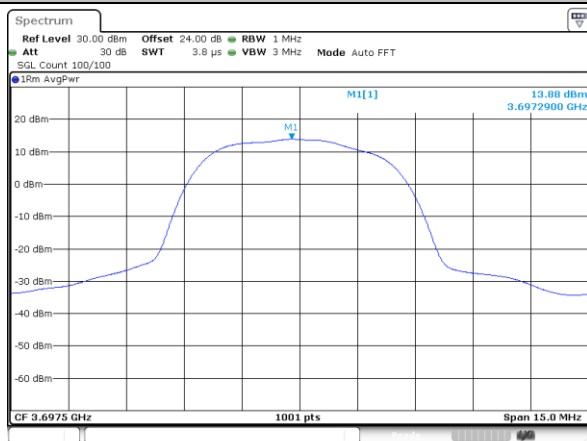
Middle Channel / 5MHz / Full / 64QAM



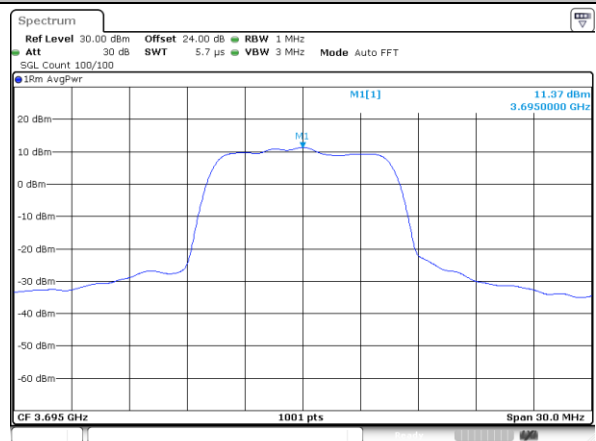
Middle Channel / 10MHz / Full / 64QAM



Highest Channel / 5MHz / Full / 64QAM



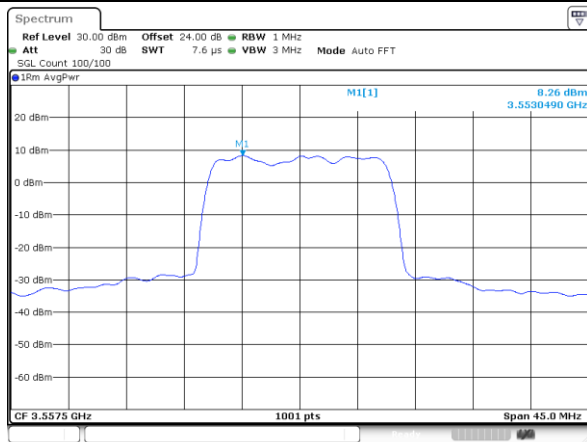
Highest Channel / 10MHz / Full / 64QAM





LTE Band 48 / 15MHz

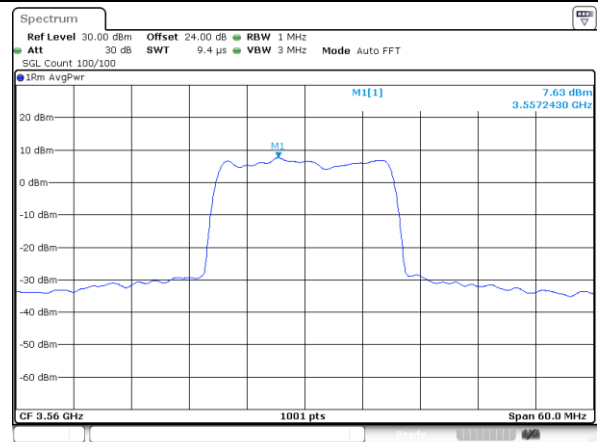
Lowest Channel / 15MHz / Full / 64QAM



Date: 20.APR.2020 00:32:16

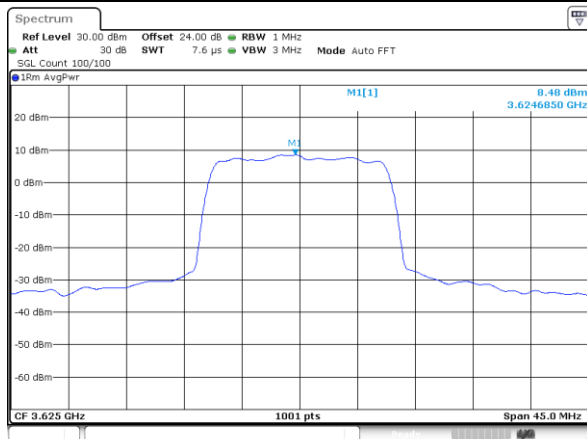
LTE Band 48 / 20MHz

Lowest Channel / 20MHz / Full / 64QAM



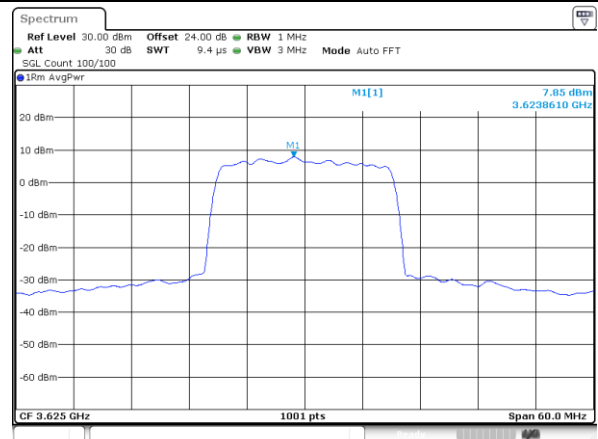
Date: 20.APR.2020 00:34:25

Middle Channel / 15MHz / Full / 64QAM



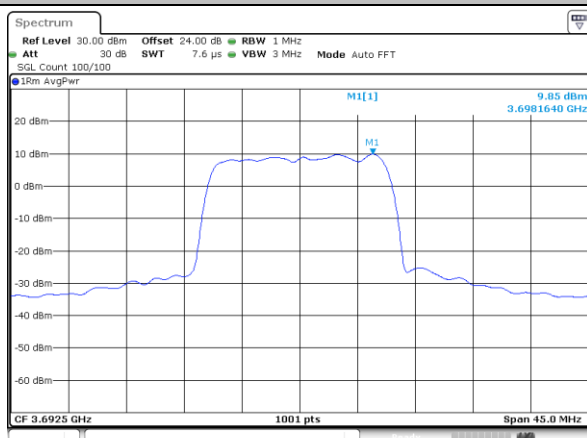
Date: 20.APR.2020 00:32:35

Middle Channel / 20MHz / Full / 64QAM



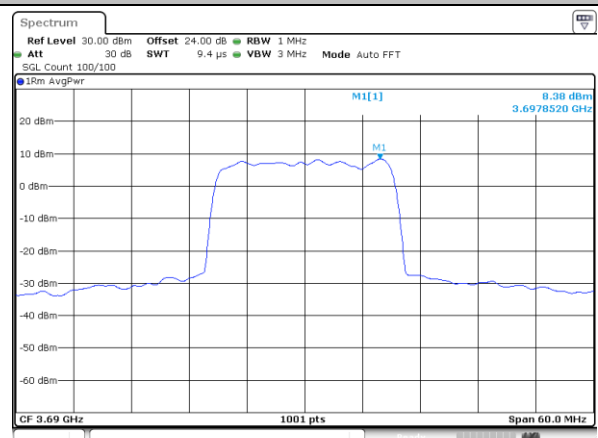
Date: 20.APR.2020 00:35:56

Highest Channel / 15MHz / Full / 64QAM



Date: 20.APR.2020 00:34:05

Highest Channel / 20MHz / Full / 64QAM



Date: 20.APR.2020 00:36:14



MIMO <Ant. 1>

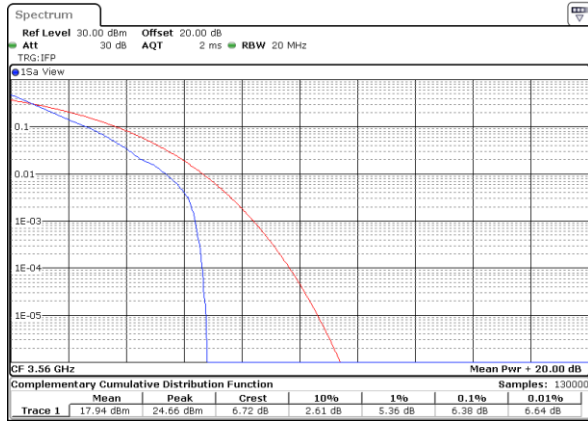
Peak-to-Average Ratio

Mode	LTE Band 48 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	6.38	5.42	7.77	6.29	PASS
Middle CH	6.43	5.51	7.48	6.32	
Highest CH	6.32	5.57	7.88	6.43	
Mode	LTE Band 48 / 20MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	6.84	6.32	-	-	PASS
Middle CH	6.87	6.46	-	-	
Highest CH	6.78	6.52	-	-	

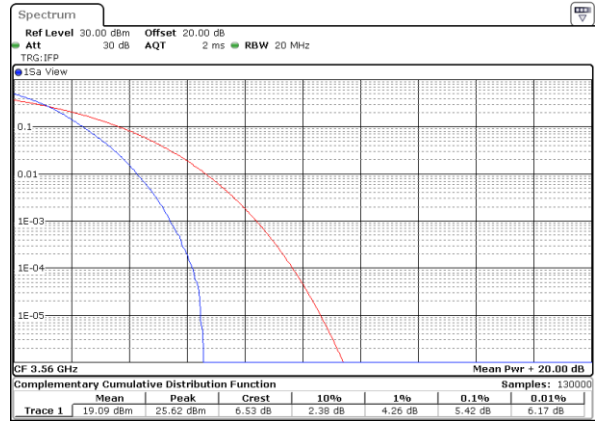


LTE Band 48 / 20MHz / QPSK

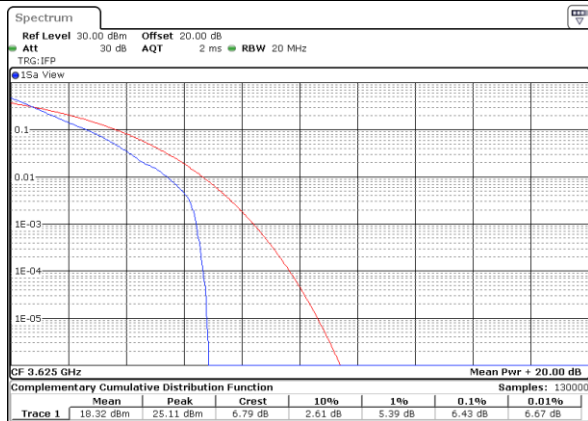
Lowest Channel / 1RB



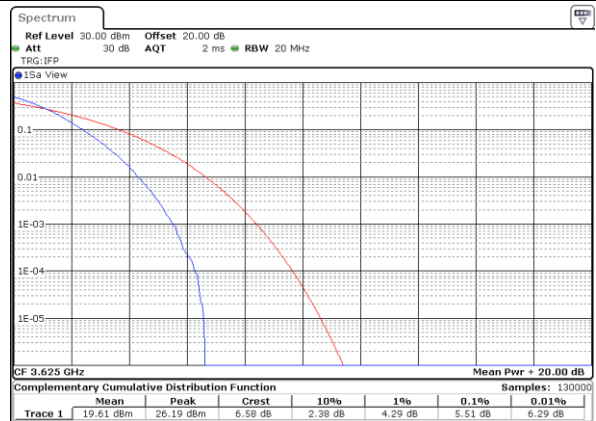
Lowest Channel / Full RB



Middle Channel / 1RB



Middle Channel / Full RB



Highest Channel / 1RB



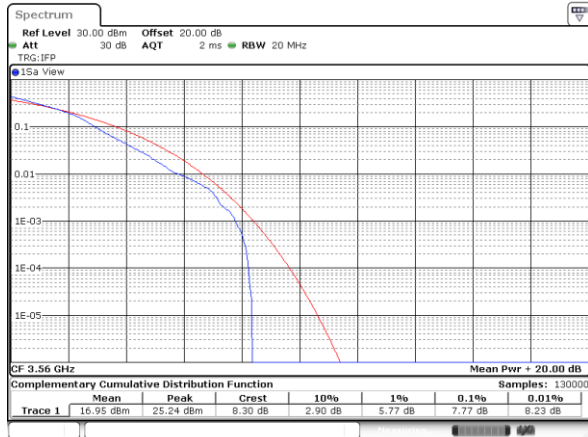
Highest Channel / Full RB



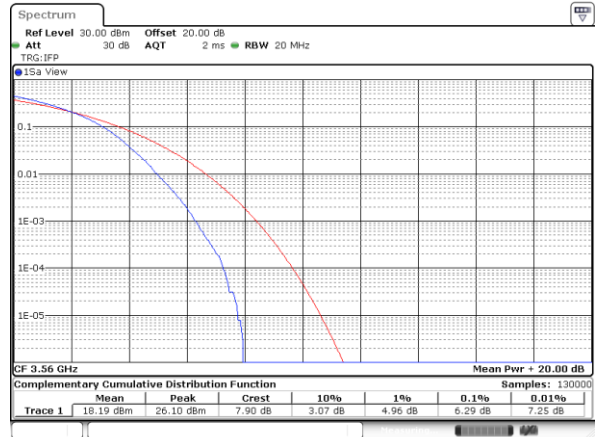


LTE Band 48 / 20MHz / 16QAM

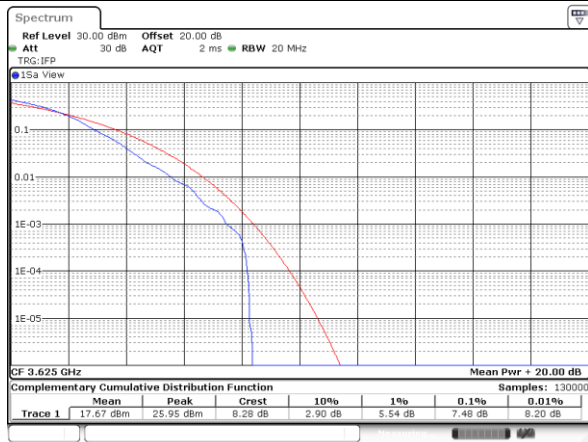
Lowest Channel / 1RB



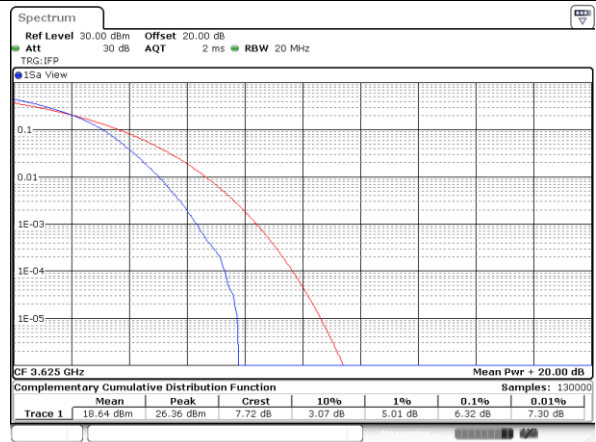
Lowest Channel / Full RB



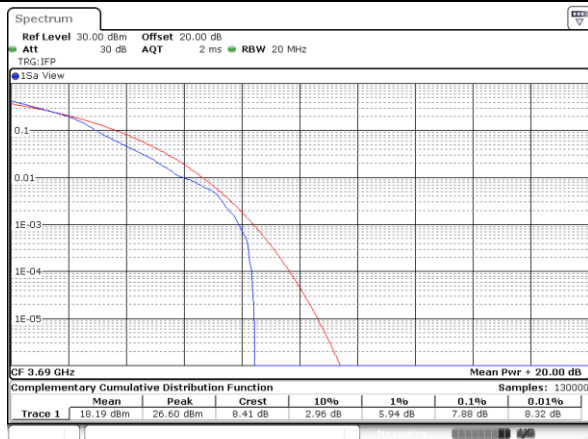
Middle Channel / 1RB



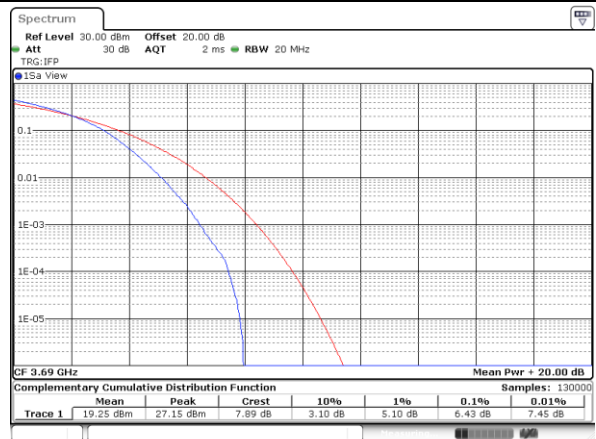
Middle Channel / Full RB



Highest Channel / 1RB



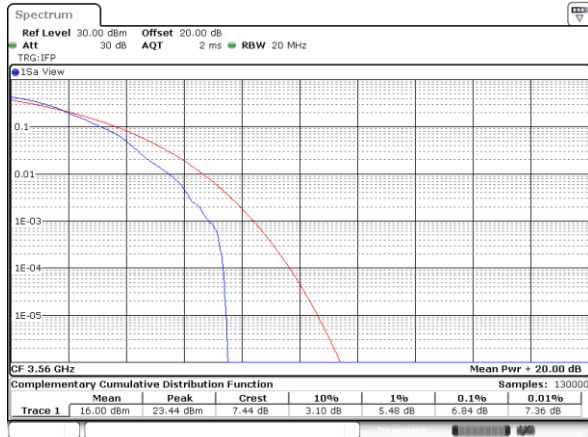
Highest Channel / Full RB



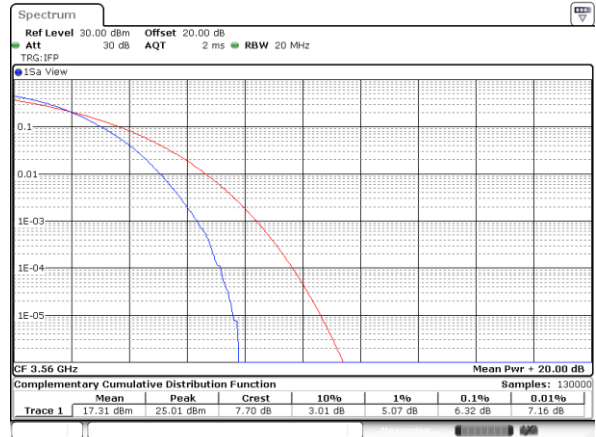


LTE Band 48 / 20MHz / 64QAM

Lowest Channel / 1RB



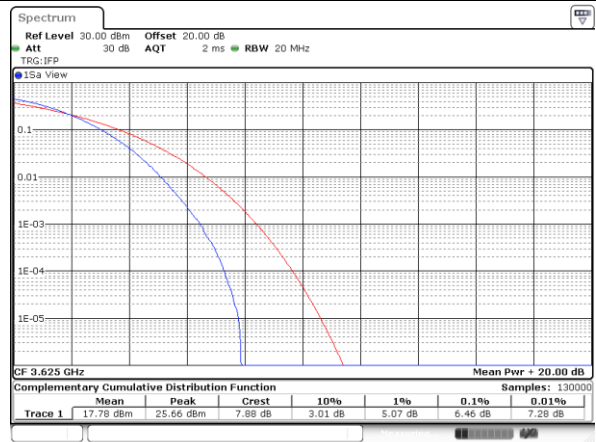
Lowest Channel / Full RB



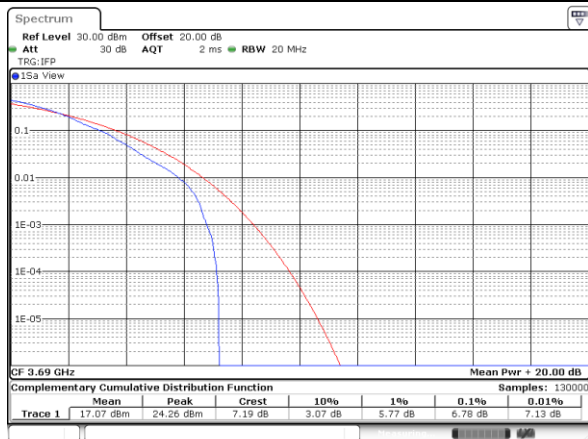
Middle Channel / 1RB



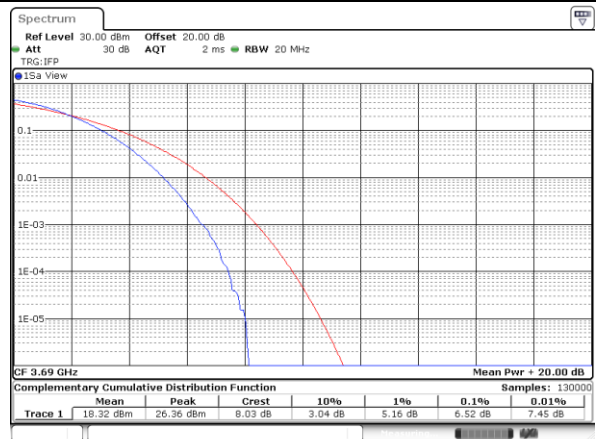
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB



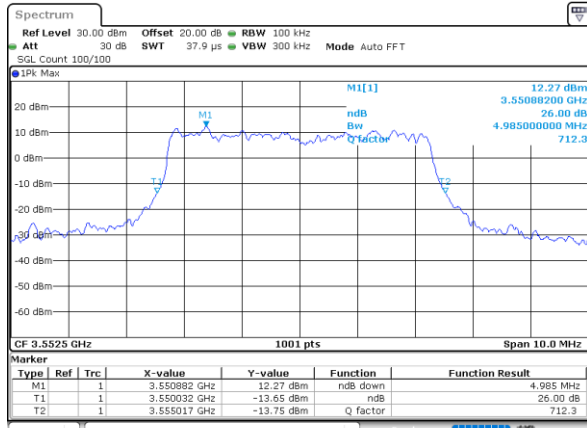
**26dB Bandwidth**

Mode	LTE Band 48 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.99	5.06	9.79	9.69	14.27	14.15	18.66	18.66
Middle CH	-	-	-	-	5.29	5.06	9.71	9.67	14.48	14.18	18.66	18.70
Highest CH	-	-	-	-	5.02	4.91	9.81	9.81	14.12	14.30	18.70	19.02
Mode	LTE Band 48 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-	-	-	-	5.16	-	9.75	-	14.39	-	18.94	-
Middle CH	-	-	-	-	4.94	-	9.91	-	14.24	-	18.70	-
Highest CH	-	-	-	-	5.09	-	9.75	-	14.12	-	19.02	-



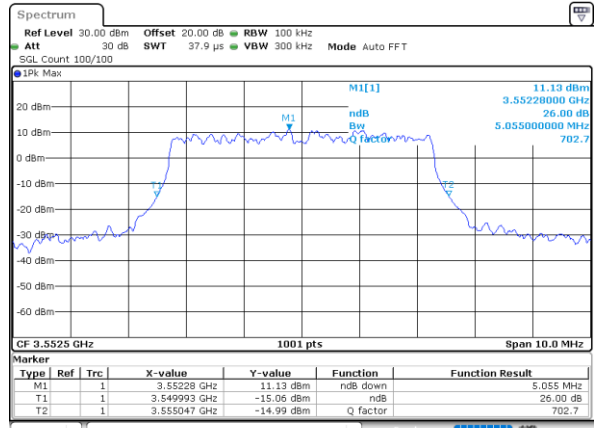
LTE Band 48

Lowest Channel / 5MHz / QPSK



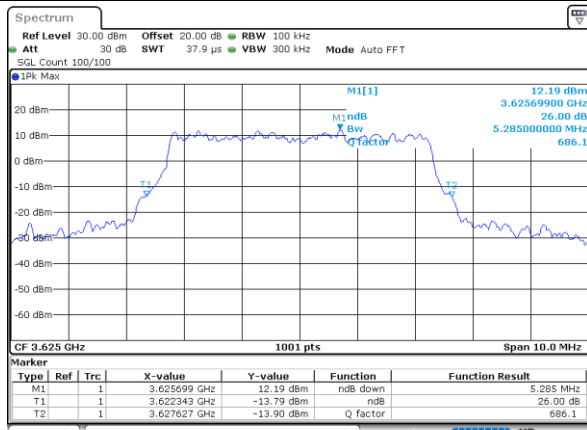
Date: 23.APR.2020 00:15:57

Lowest Channel / 5MHz / 16QAM



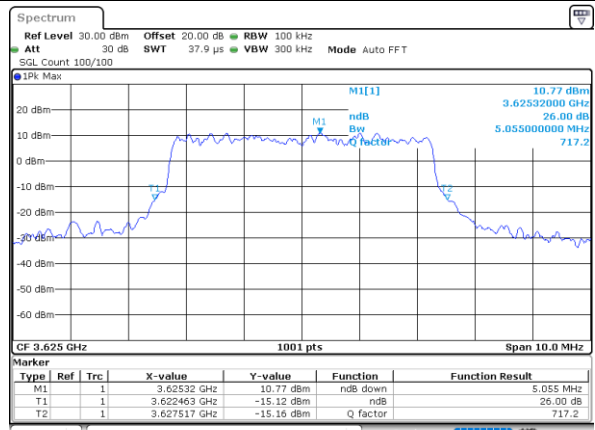
Date: 23.APR.2020 00:16:09

Middle Channel / 5MHz / QPSK



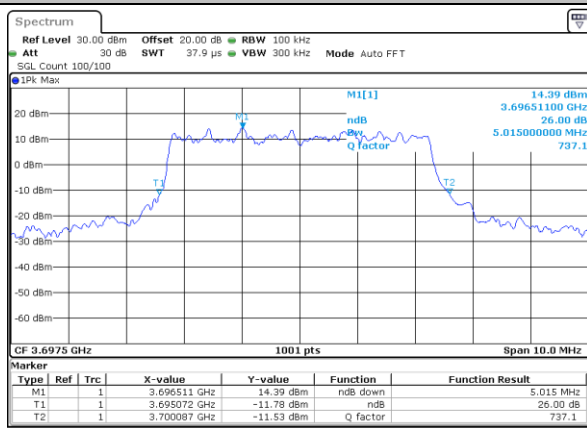
Date: 23.APR.2020 00:16:42

Middle Channel / 5MHz / 16QAM



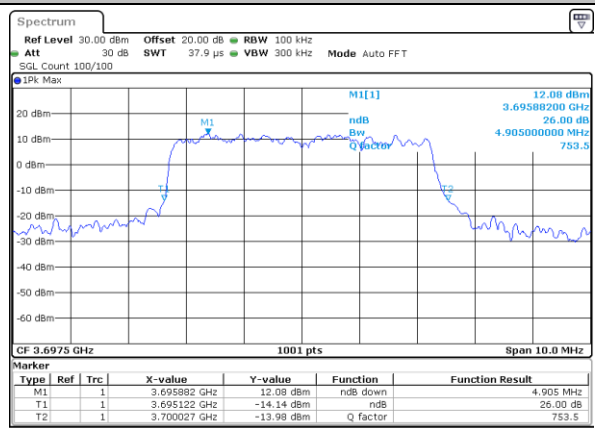
Date: 23.APR.2020 00:16:54

Highest Channel / 5MHz / QPSK



Date: 23.APR.2020 00:17:29

Highest Channel / 5MHz / 16QAM

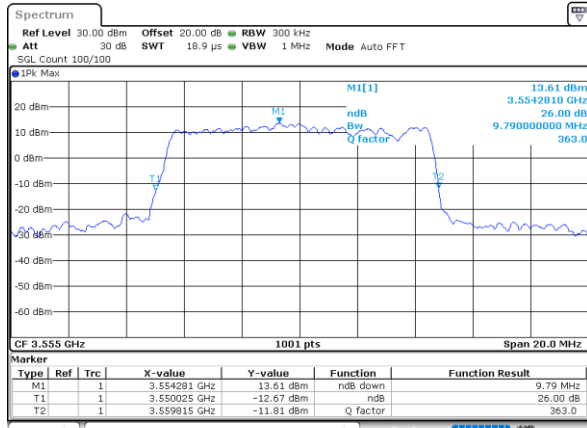


Date: 23.APR.2020 00:17:40



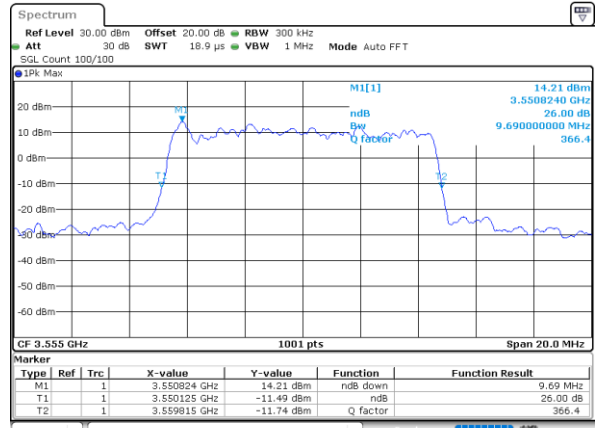
LTE Band 48

Lowest Channel / 10MHz / QPSK



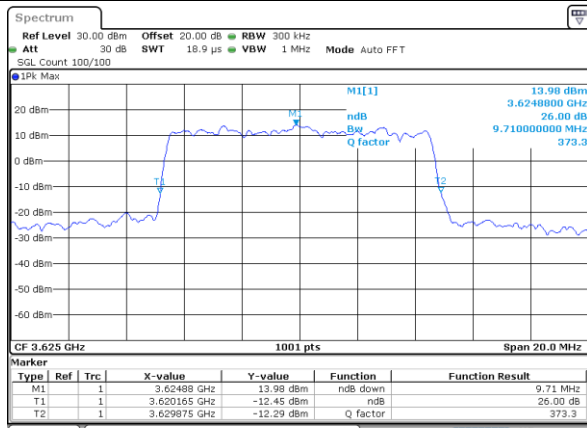
Date: 23.APR.2020 00:18:16

Lowest Channel / 10MHz / 16QAM



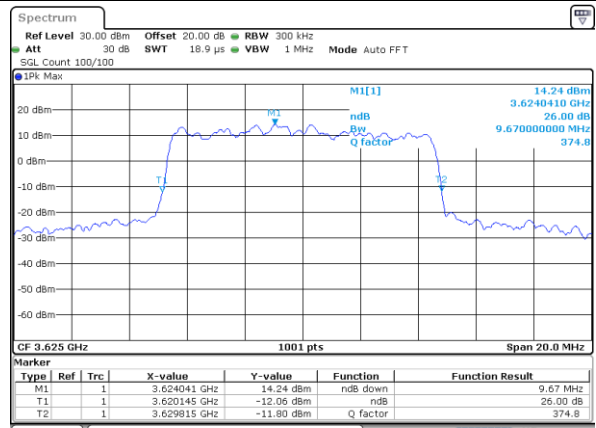
Date: 23.APR.2020 00:18:28

Middle Channel / 10MHz / QPSK



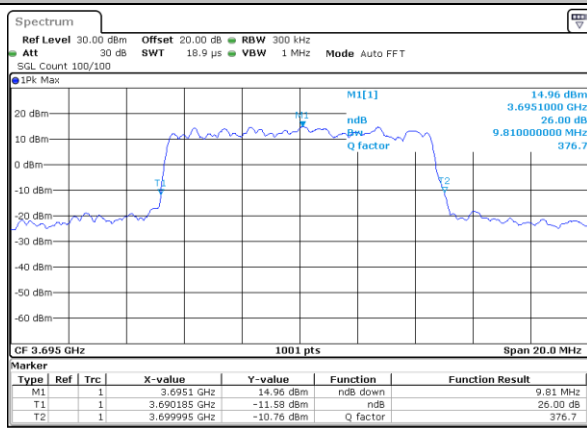
Date: 23.APR.2020 00:19:02

Middle Channel / 10MHz / 16QAM



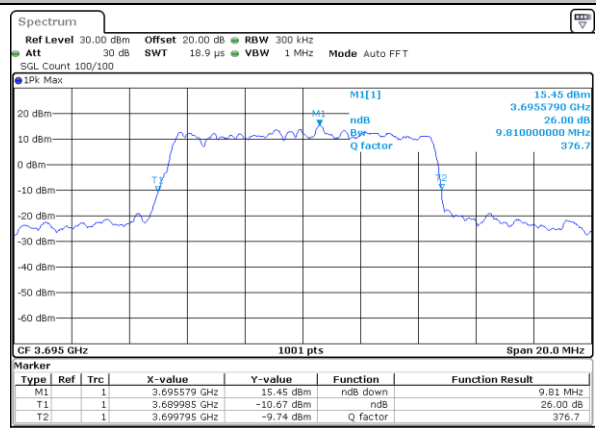
Date: 23.APR.2020 00:19:13

Highest Channel / 10MHz / QPSK



Date: 23.APR.2020 00:19:48

Highest Channel / 10MHz / 16QAM

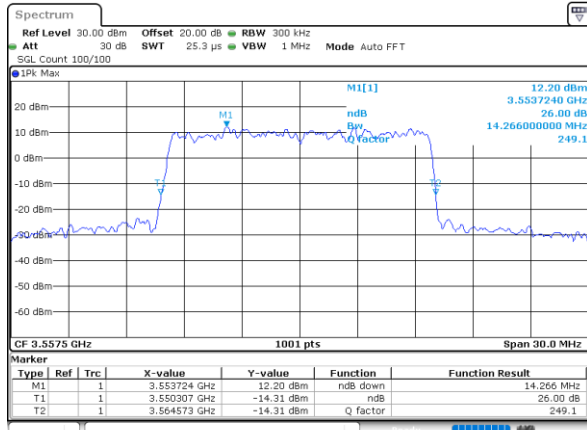


Date: 23.APR.2020 00:20:00

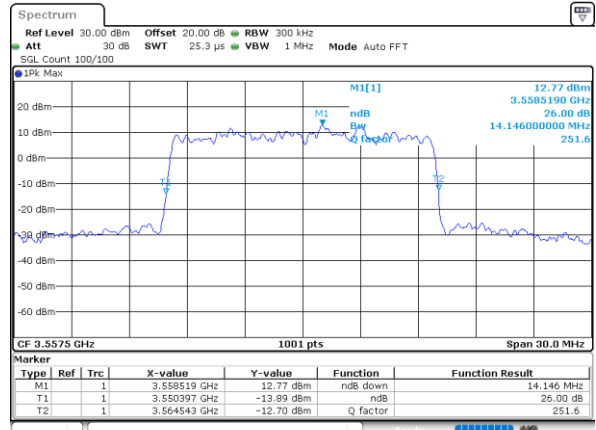


LTE Band 48

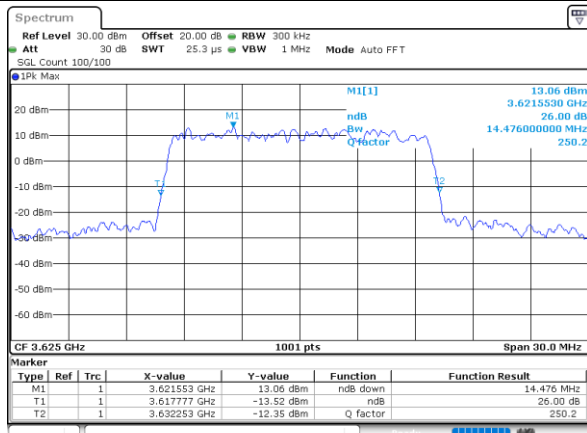
Lowest Channel / 15MHz / QPSK



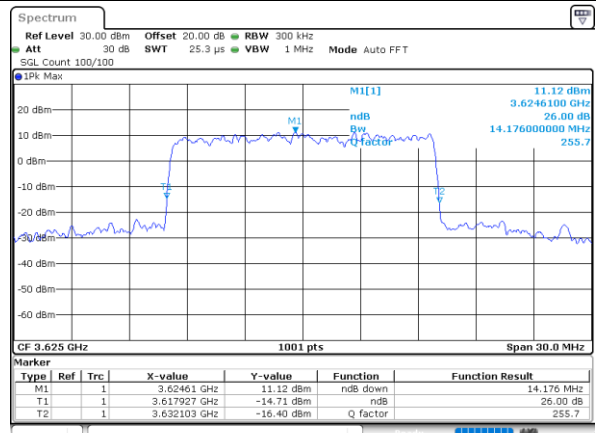
Lowest Channel / 15MHz / 16QAM



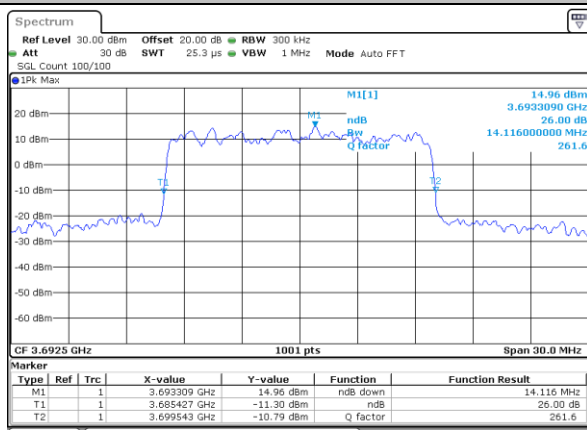
Middle Channel / 15MHz / QPSK



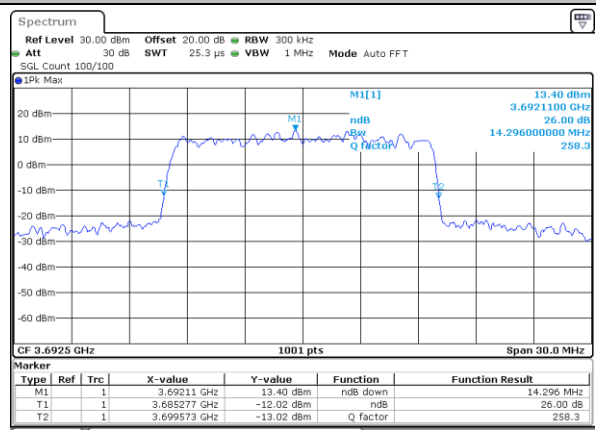
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



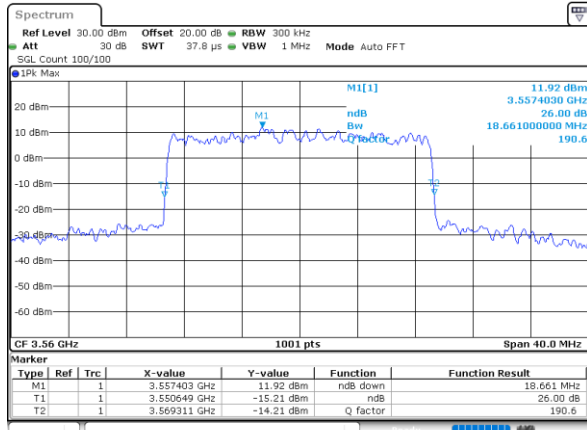
Highest Channel / 15MHz / 16QAM



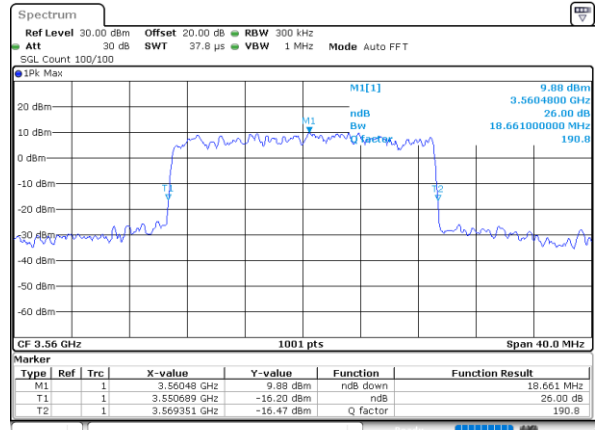


LTE Band 48

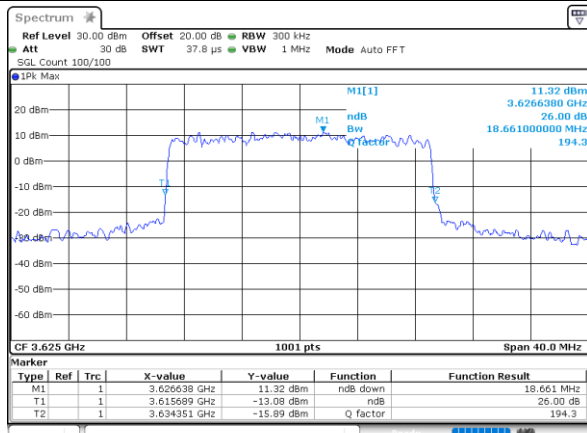
Lowest Channel / 20MHz / QPSK



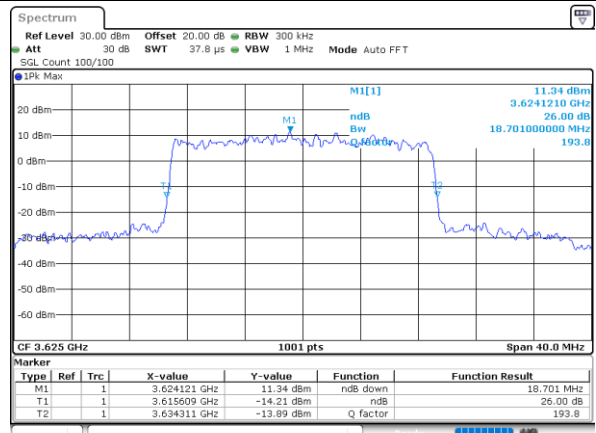
Lowest Channel / 20MHz / 16QAM



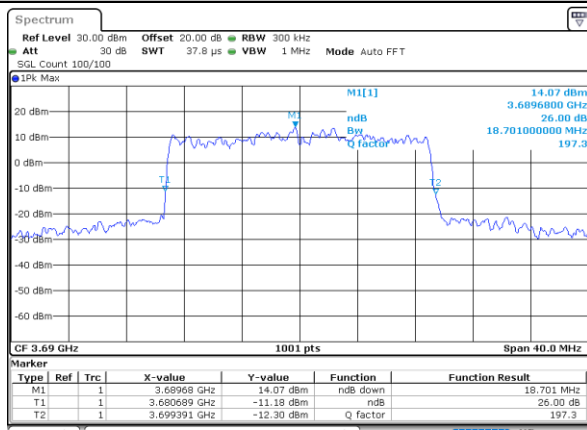
Middle Channel / 20MHz / QPSK



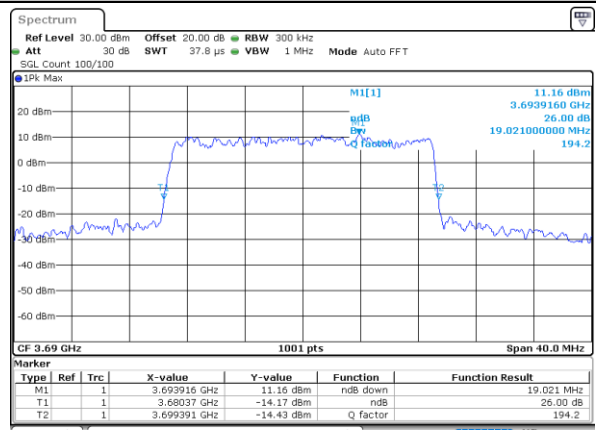
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



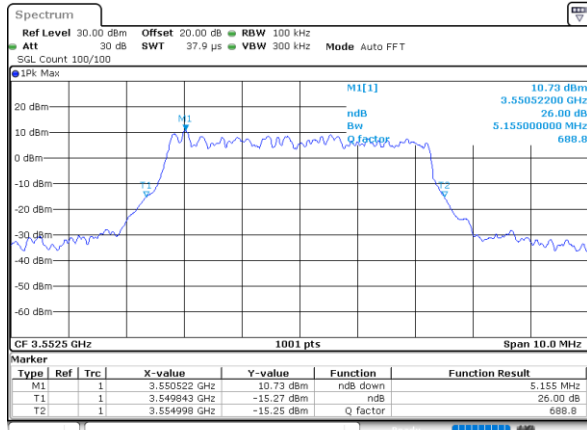
Highest Channel / 20MHz / 16QAM





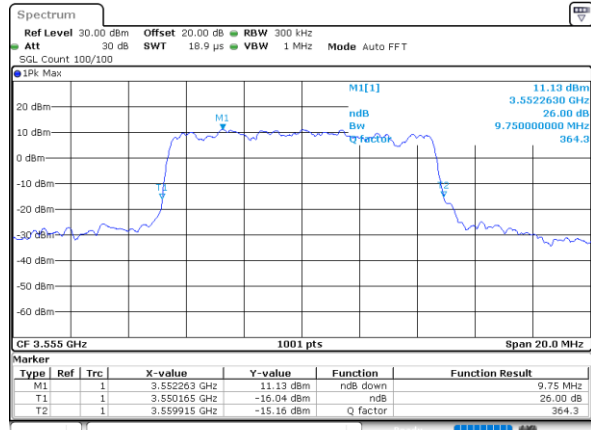
LTE Band 48

Lowest Channel / 5MHz / 64QAM



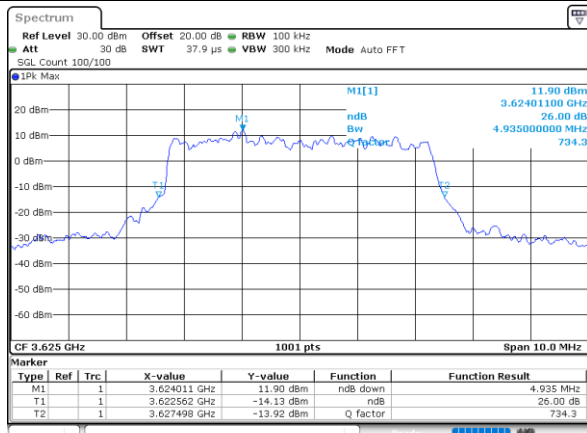
Date: 23.APR.2020 00:25:01

Lowest Channel / 10MHz / 64QAM



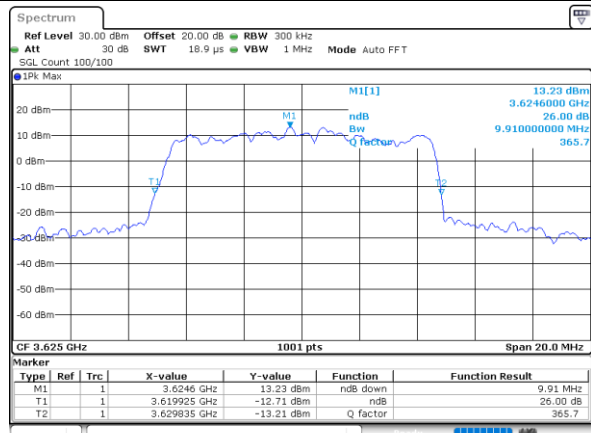
Date: 23.APR.2020 00:26:10

Middle Channel / 5MHz / 64QAM



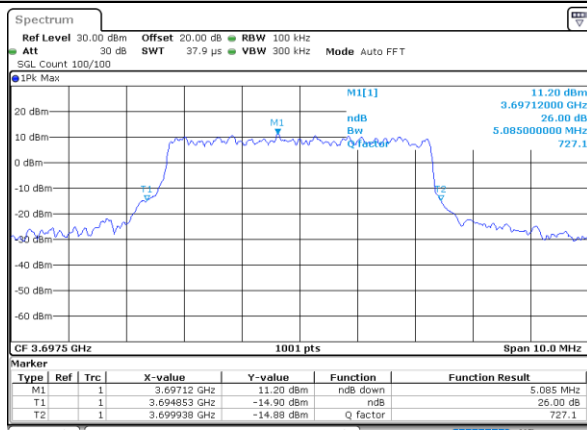
Date: 23.APR.2020 00:25:24

Middle Channel / 10MHz / 64QAM



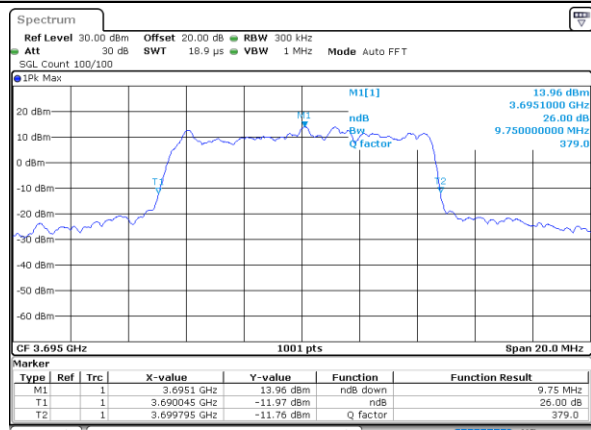
Date: 23.APR.2020 00:26:33

Highest Channel / 5MHz / 64QAM



Date: 23.APR.2020 00:25:46

Highest Channel / 10MHz / 64QAM

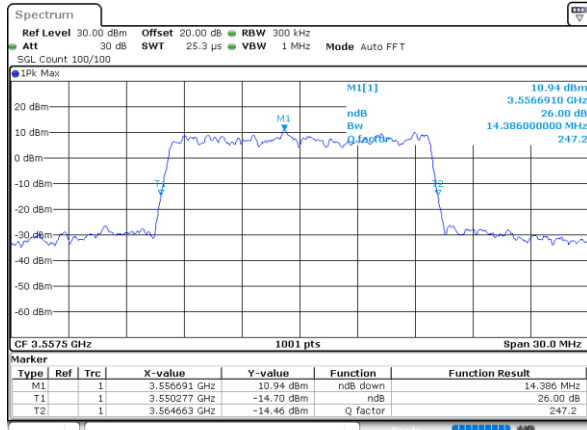


Date: 23.APR.2020 00:26:56

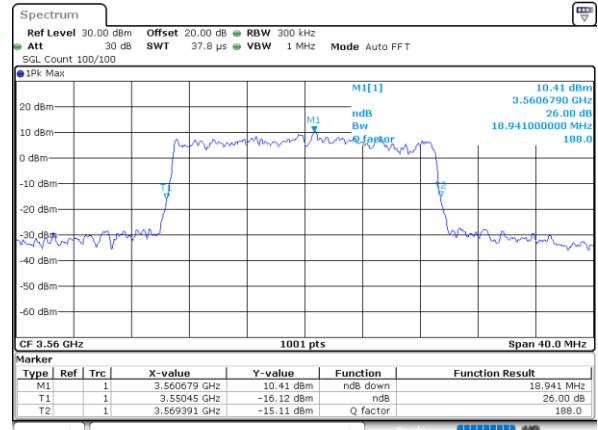


LTE Band 48

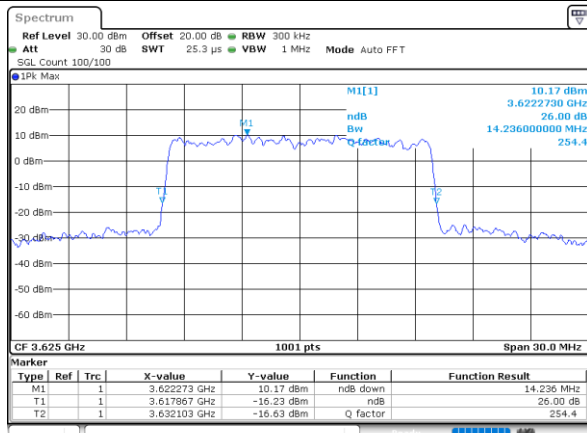
Lowest Channel / 15MHz / 64QAM



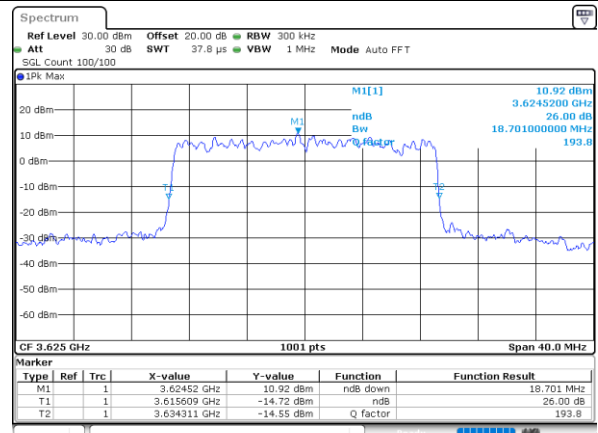
Lowest Channel / 20MHz / 64QAM



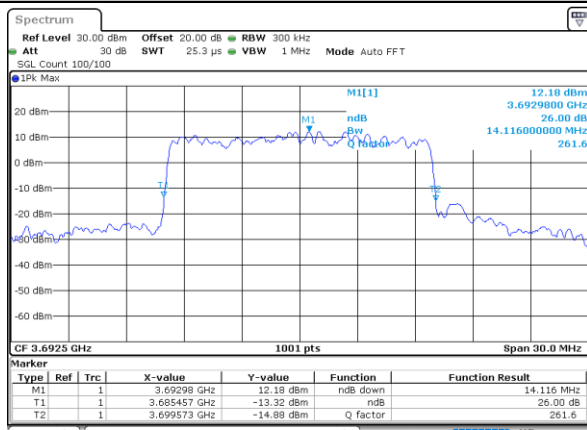
Middle Channel / 15MHz / 64QAM



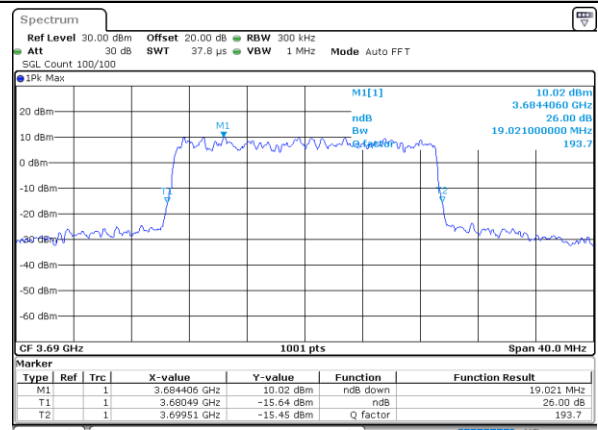
Middle Channel / 20MHz / 64QAM



Highest Channel / 15MHz / 64QAM



Highest Channel / 20MHz / 64QAM



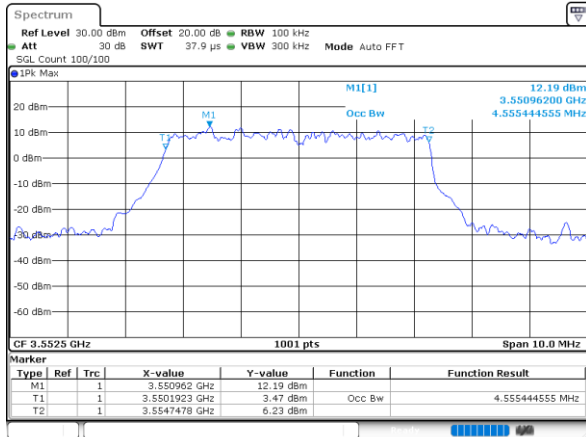
**Occupied Bandwidth**

Mode	LTE Band 48 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.56	4.56	9.07	9.01	13.46	13.46	17.98	17.82
Middle CH	-	-	-	-	4.49	4.50	9.03	9.05	13.52	13.37	17.86	17.82
Highest CH	-	-	-	-	4.48	4.52	9.01	9.03	13.46	13.40	17.86	17.82
Mode	LTE Band 48 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-	-	-	-	4.49	-	9.07	-	13.40	-	17.90	-
Middle CH	-	-	-	-	4.51	-	9.03	-	13.46	-	17.86	-
Highest CH	-	-	-	-	4.52	-	9.05	-	13.43	-	17.82	-

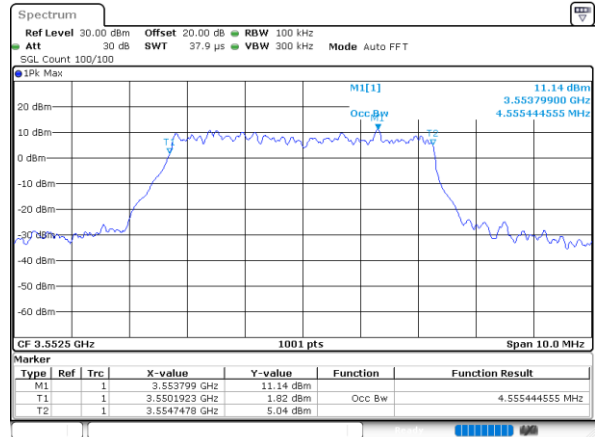


LTE Band 48

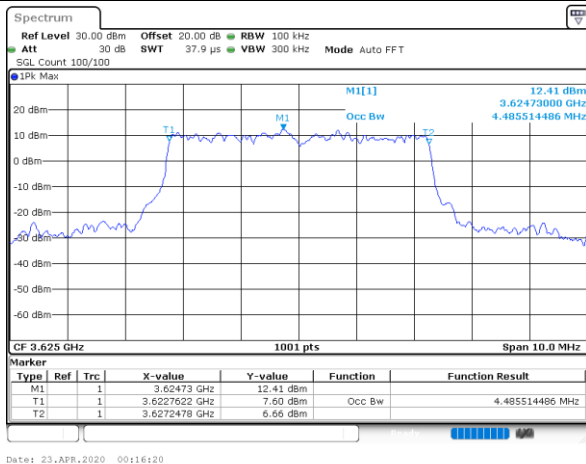
Lowest Channel / 5MHz / QPSK



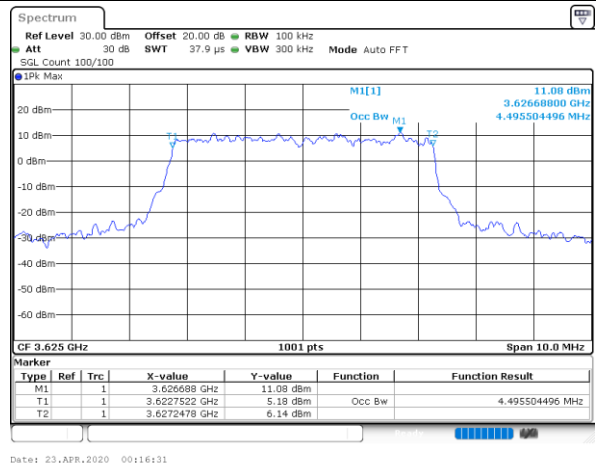
Lowest Channel / 5MHz / 16QAM



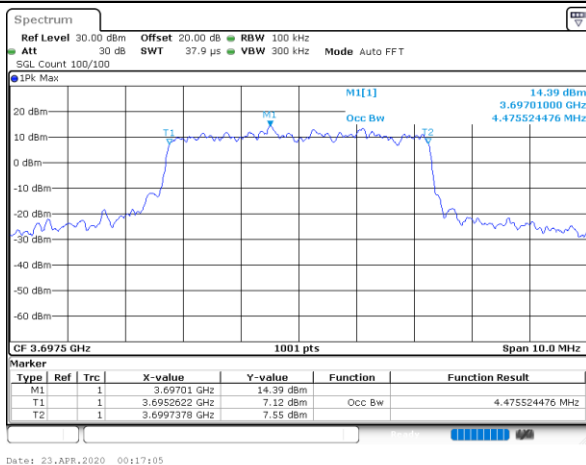
Middle Channel / 5MHz / QPSK



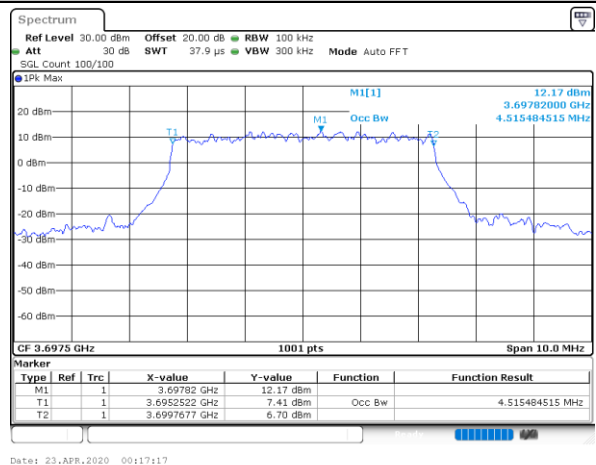
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



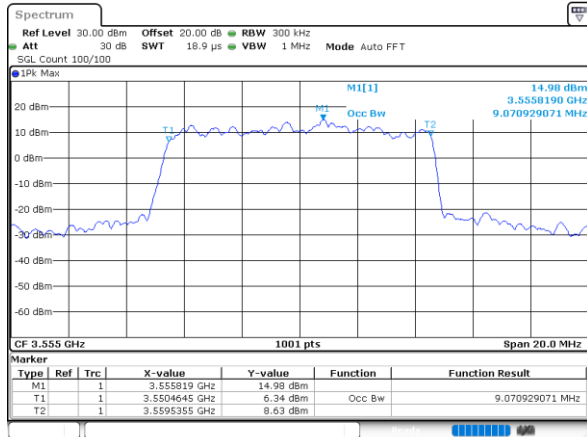
Highest Channel / 5MHz / 16QAM



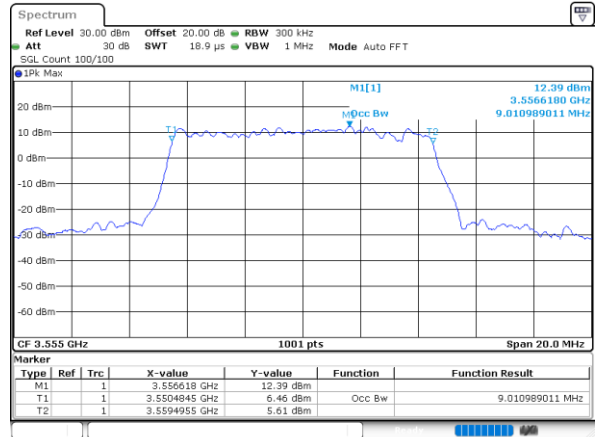


LTE Band 48

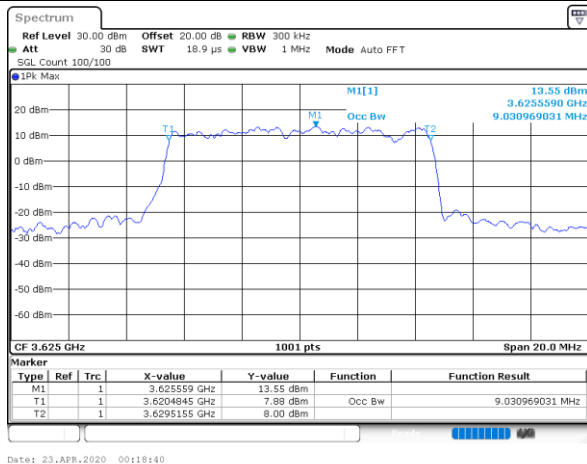
Lowest Channel / 10MHz / QPSK



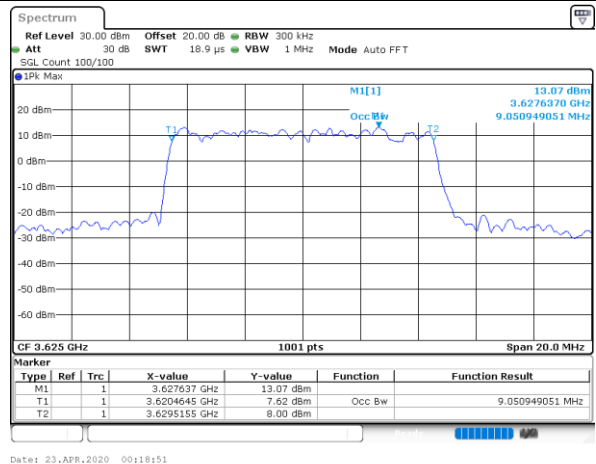
Lowest Channel / 10MHz / 16QAM



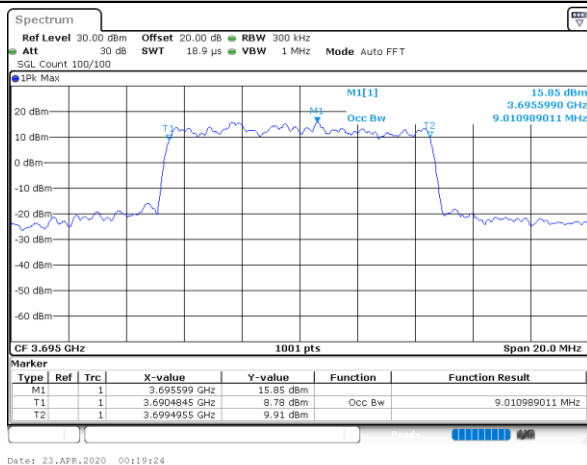
Middle Channel / 10MHz / QPSK



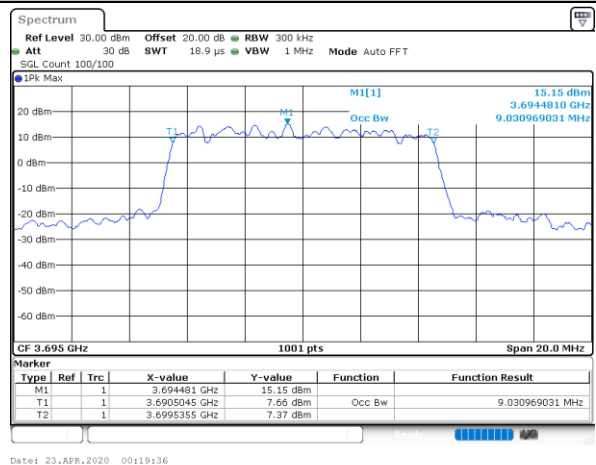
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



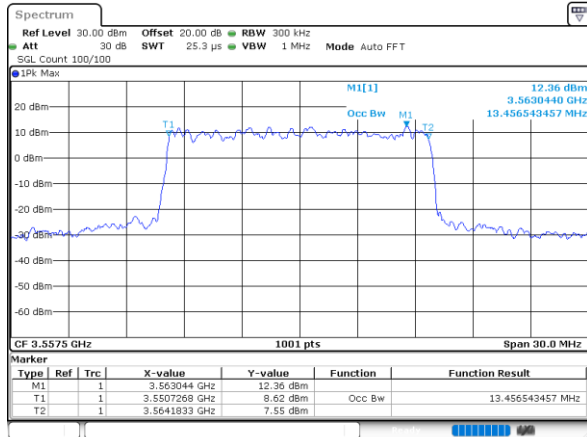
Highest Channel / 10MHz / 16QAM



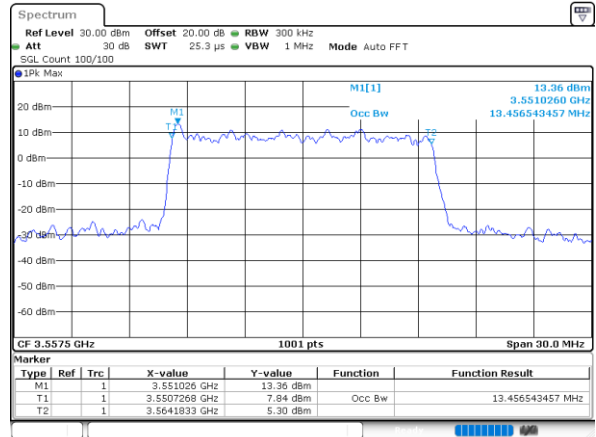


LTE Band 48

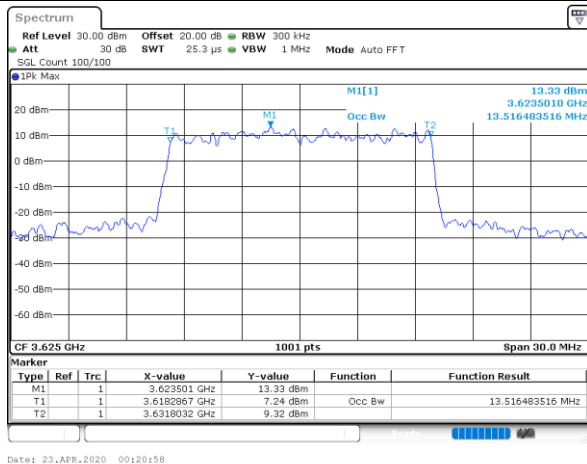
Lowest Channel / 15MHz / QPSK



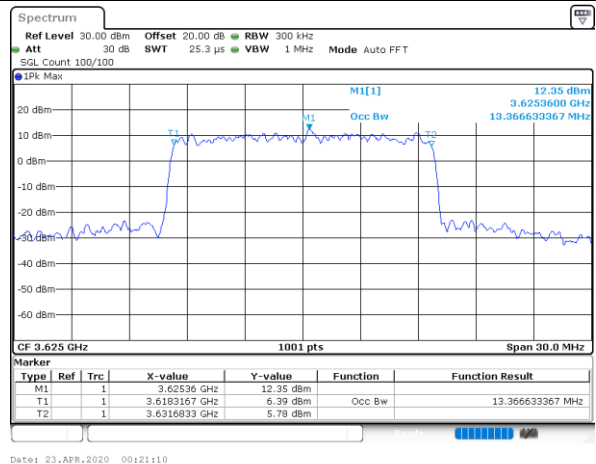
Lowest Channel / 15MHz / 16QAM



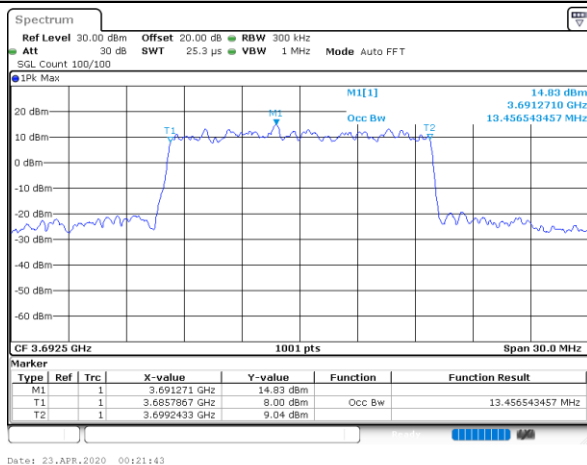
Middle Channel / 15MHz / QPSK



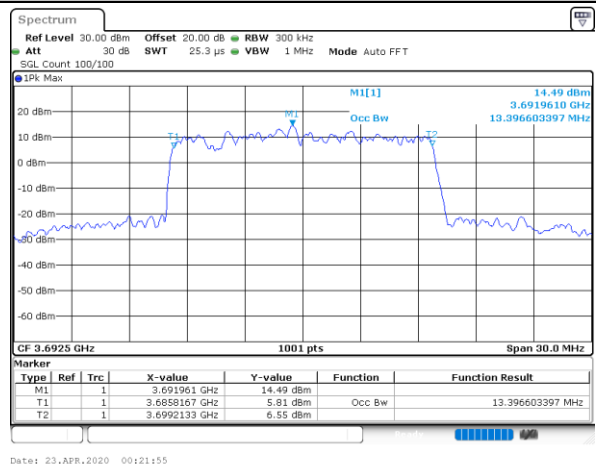
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



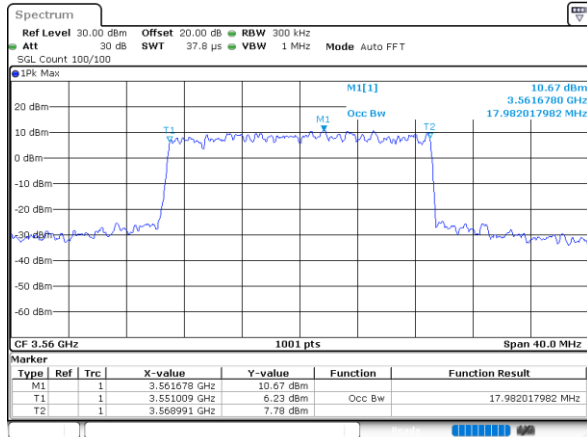
Highest Channel / 15MHz / 16QAM



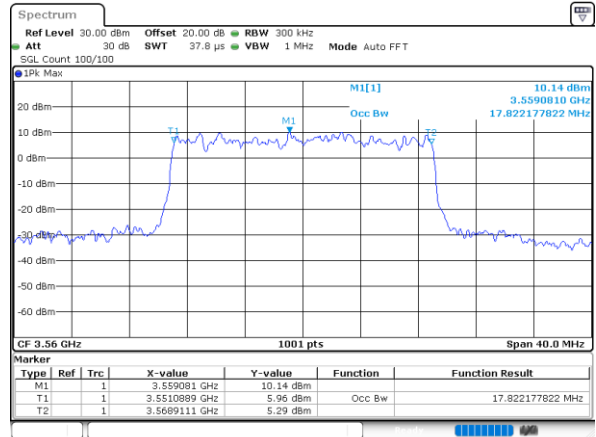


LTE Band 48

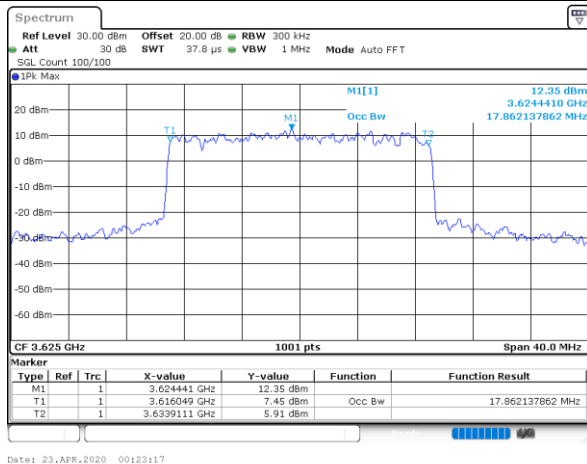
Lowest Channel / 20MHz / QPSK



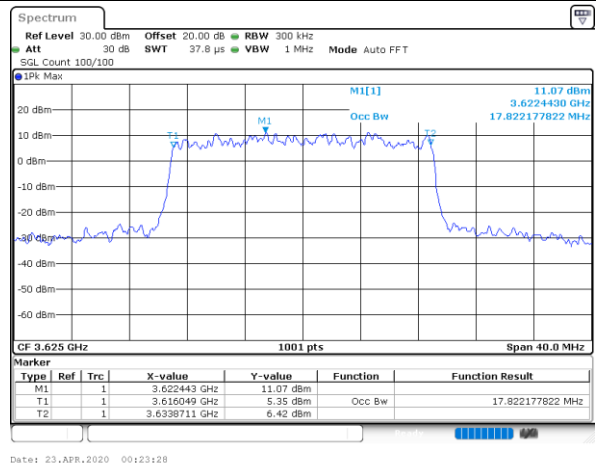
Lowest Channel / 20MHz / 16QAM



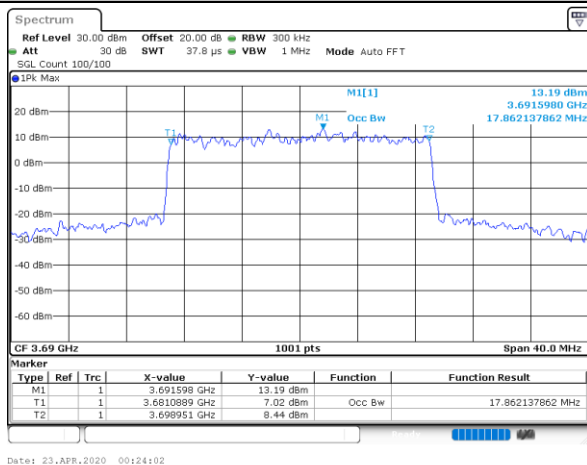
Middle Channel / 20MHz / QPSK



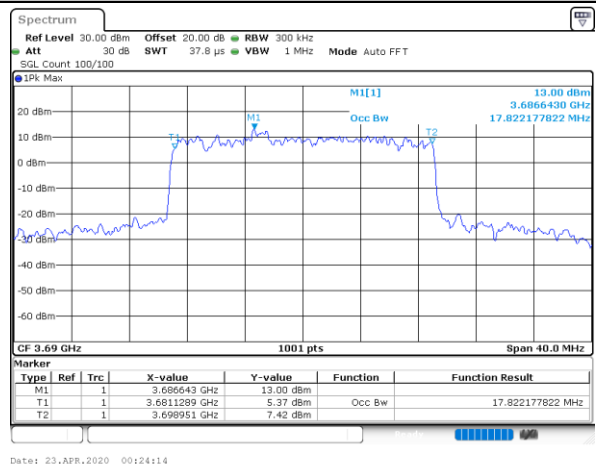
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



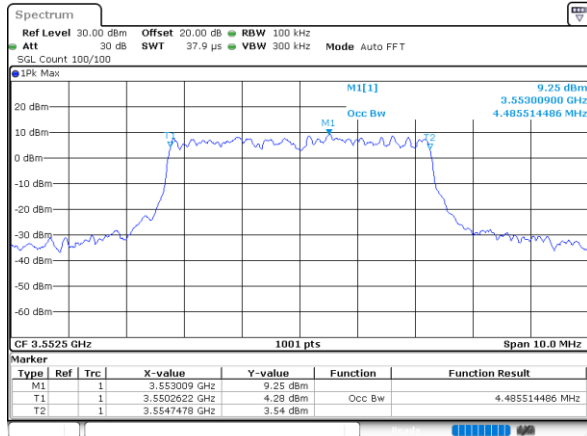
Highest Channel / 20MHz / 16QAM



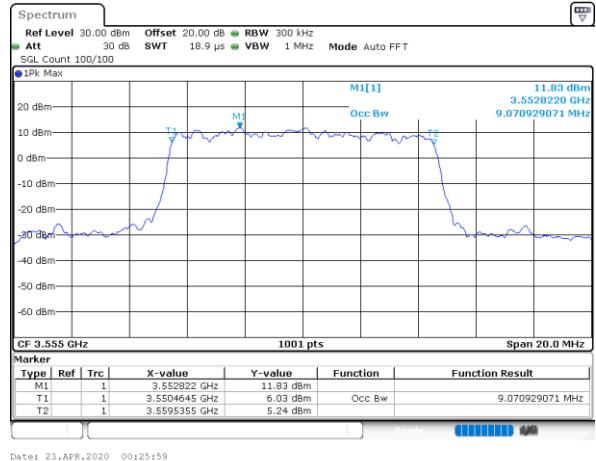


LTE Band 48

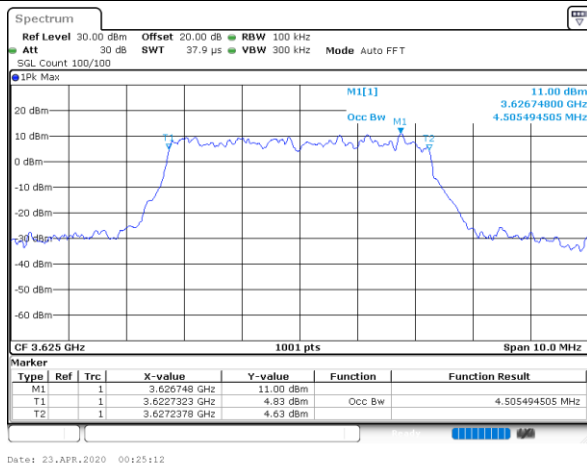
Lowest Channel / 5MHz / 64QAM



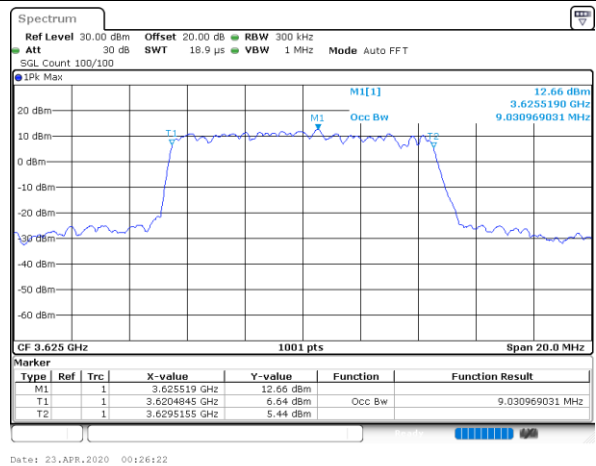
Lowest Channel / 10MHz / 64QAM



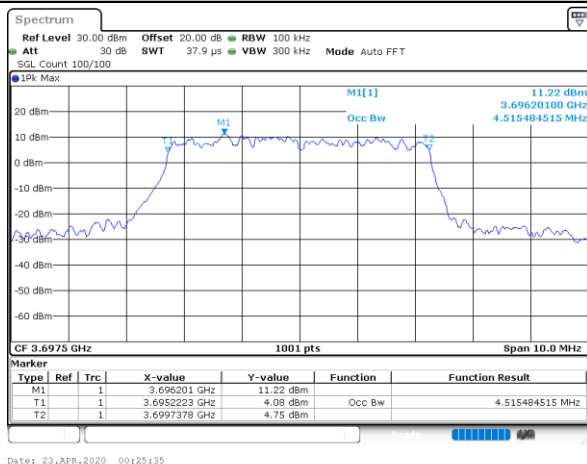
Middle Channel / 5MHz / 64QAM



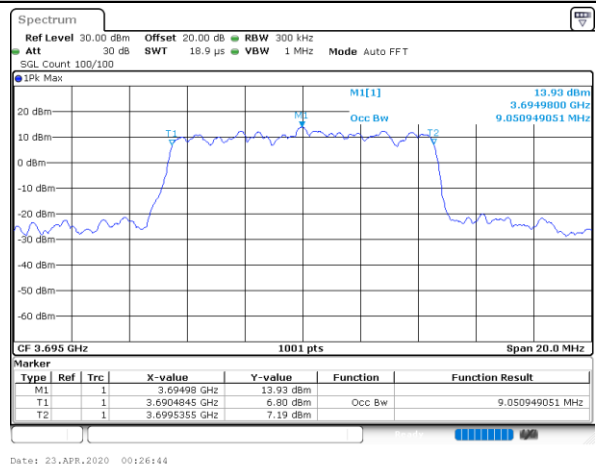
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



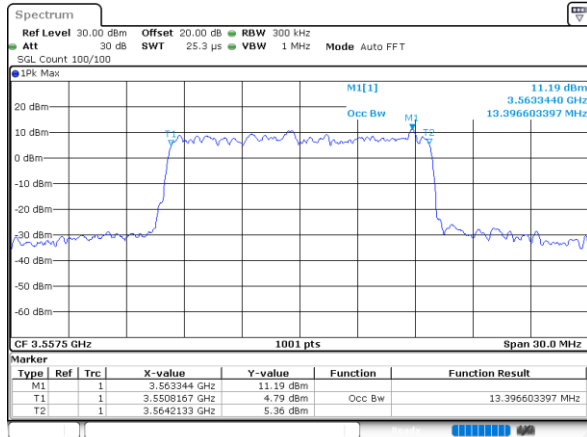
Highest Channel / 10MHz / 64QAM





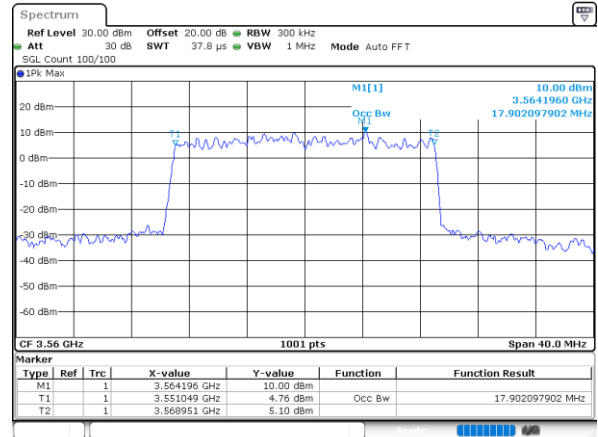
LTE Band 48

Lowest Channel / 15MHz / 64QAM



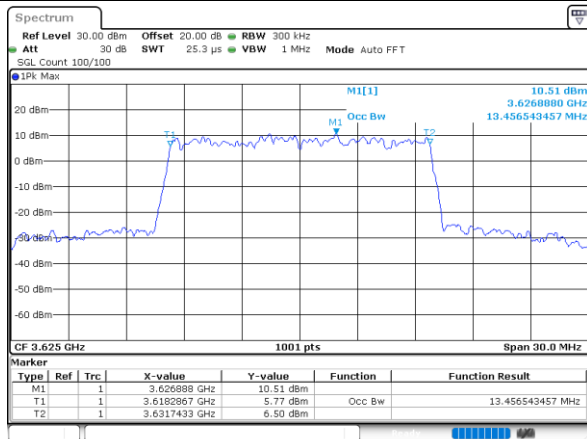
Date: 23.APR.2020 00:27:08

Lowest Channel / 20MHz / 64QAM



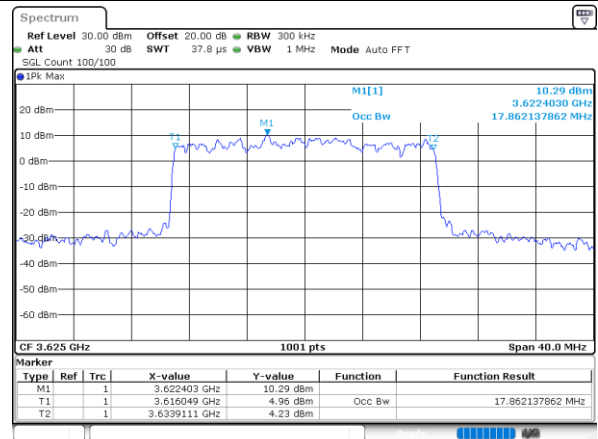
Date: 23.APR.2020 00:28:17

Middle Channel / 15MHz / 64QAM



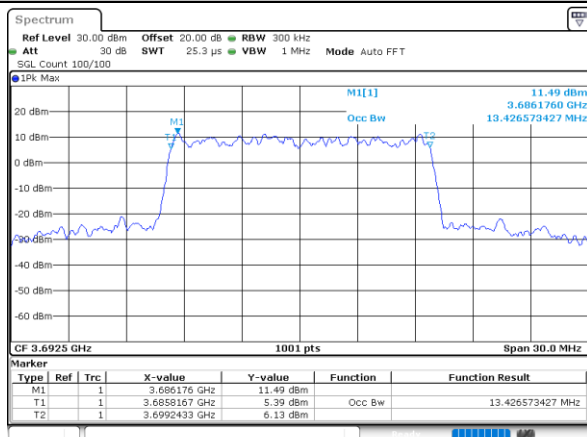
Date: 23.APR.2020 00:27:31

Middle Channel / 20MHz / 64QAM



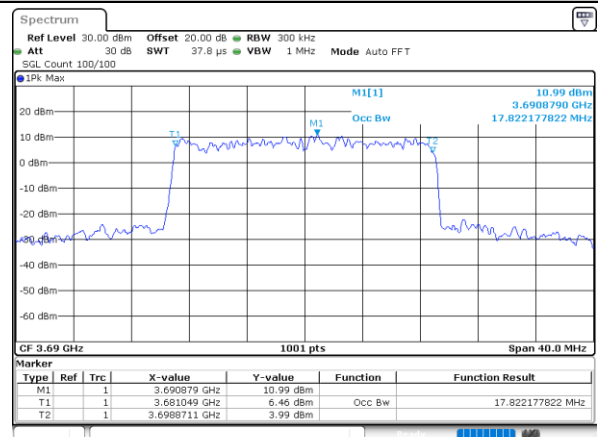
Date: 23.APR.2020 00:28:40

Highest Channel / 15MHz / 64QAM



Date: 23.APR.2020 00:27:54

Highest Channel / 20MHz / 64QAM



Date: 23.APR.2020 00:29:03

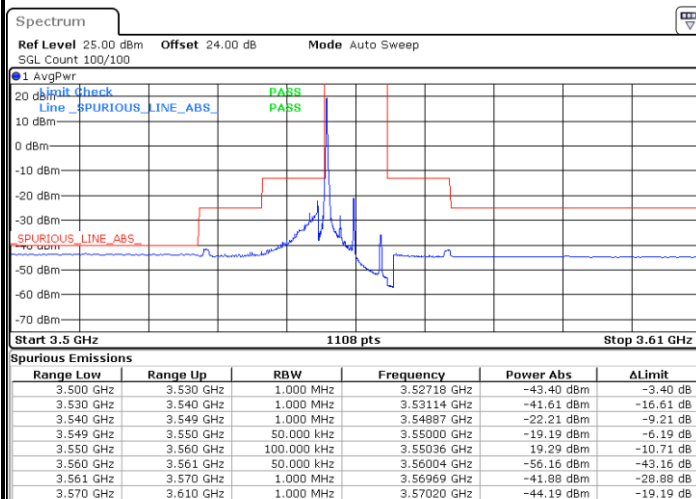


Conducted Band Edge

LTE Band 48 / 5MHz

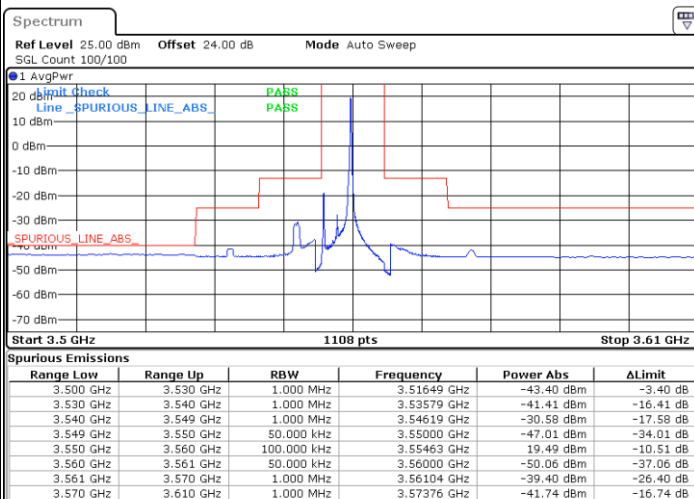
QPSK

Lowest Channel / 1RB0



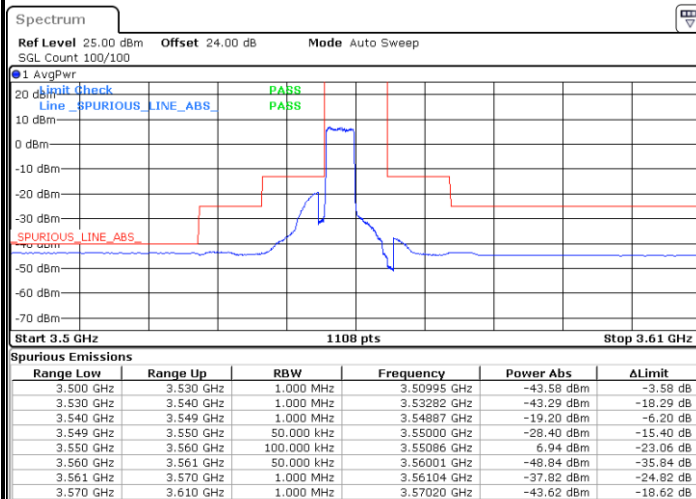
Date: 15.APR.2020 02:47:11

Lowest Channel / 1RBmax



Date: 15.APR.2020 21:51:43

Lowest Channel / FullRB



Date: 15.APR.2020 02:59:04

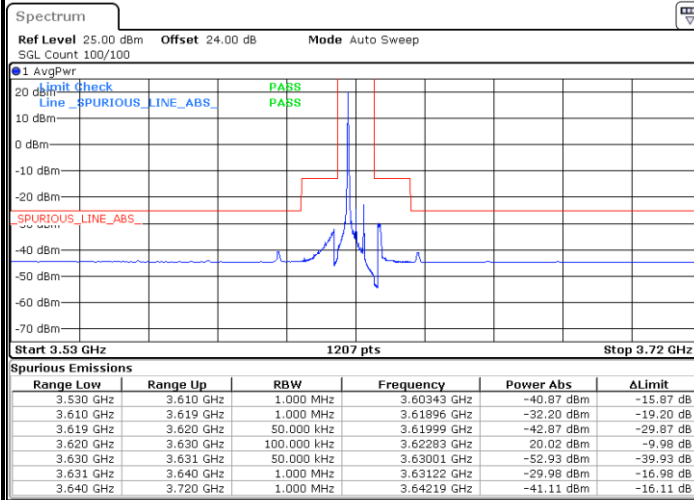
N/A



LTE Band 48 / 5MHz

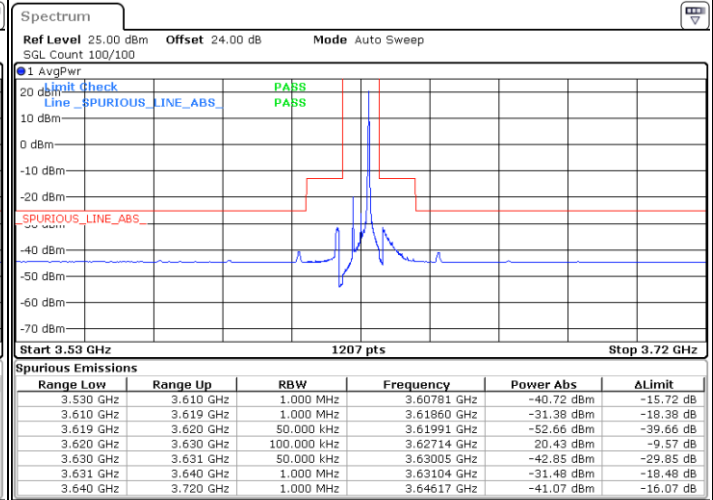
QPSK

Middle Channel / 1RB0



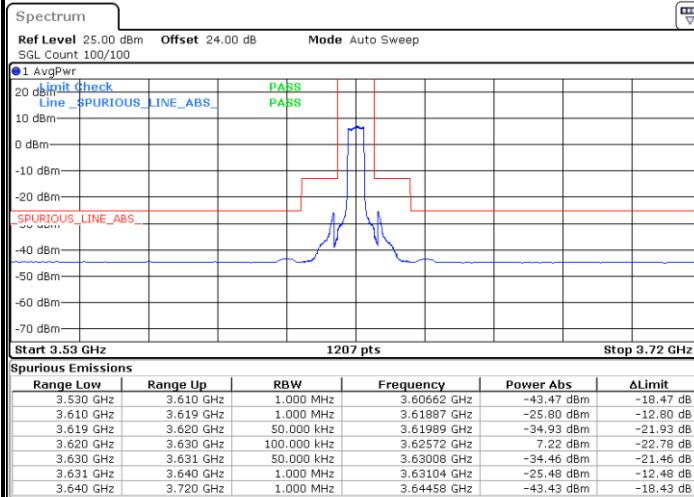
Date: 15.APR.2020 02:53:47

Middle Channel / 1RBmax



Date: 15.APR.2020 21:58:18

Middle Channel / FullIRB



Date: 15.APR.2020 21:46:26

N/A

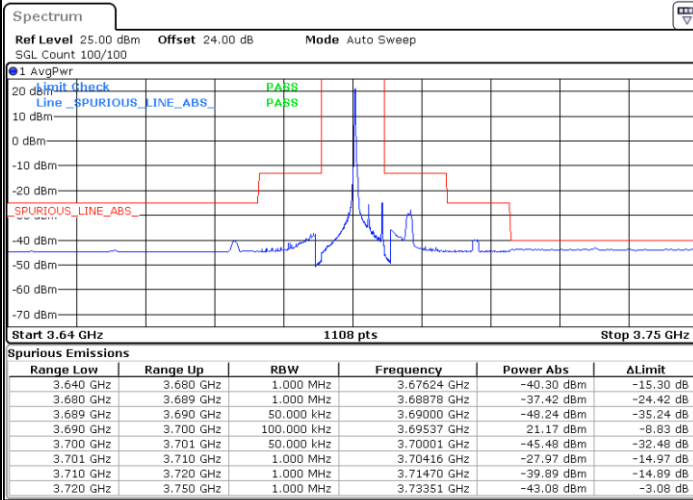


LTE Band 48 / 5MHz

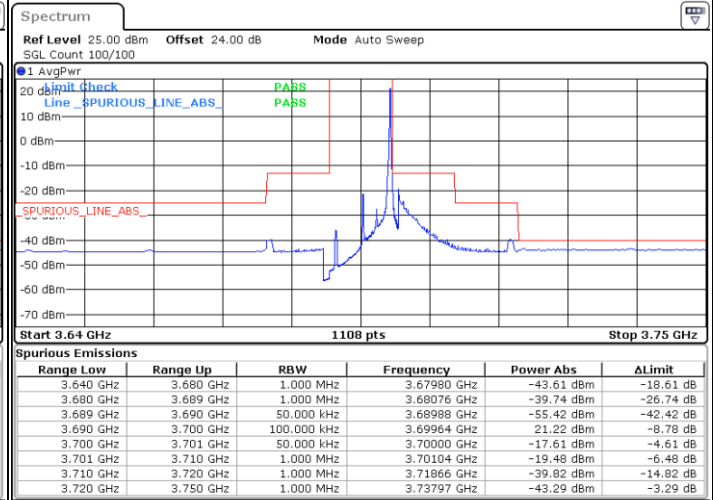
QPSK

Highest Channel / 1RB0

Highest Channel / 1RBmax



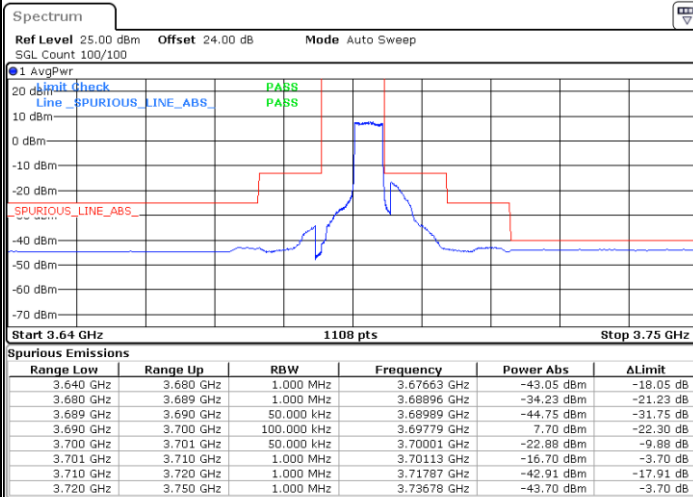
Date: 15.APR.2020 02:55:06



Date: 15.APR.2020 21:59:37

Highest Channel / FullRB

N/A



Date: 15.APR.2020 21:47:45

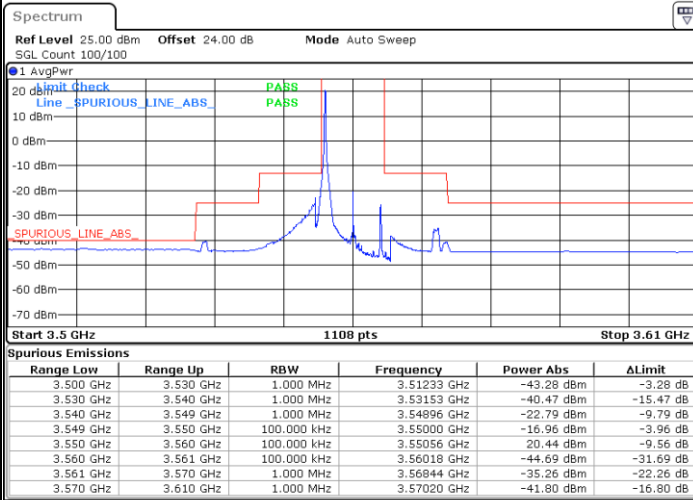


LTE Band 48 / 10MHz

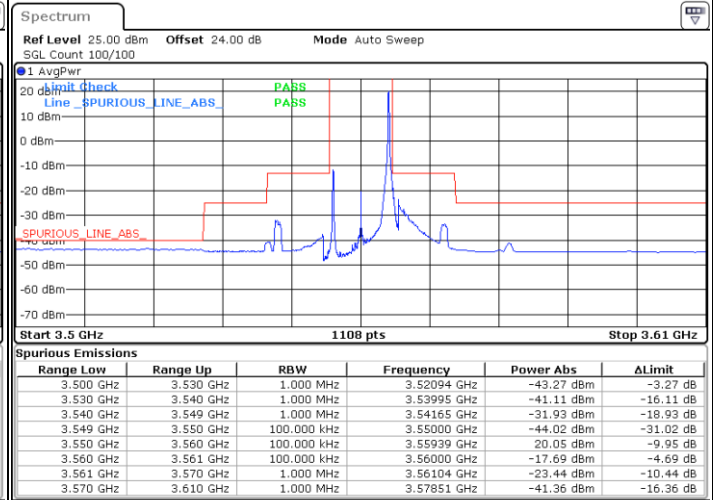
QPSK

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



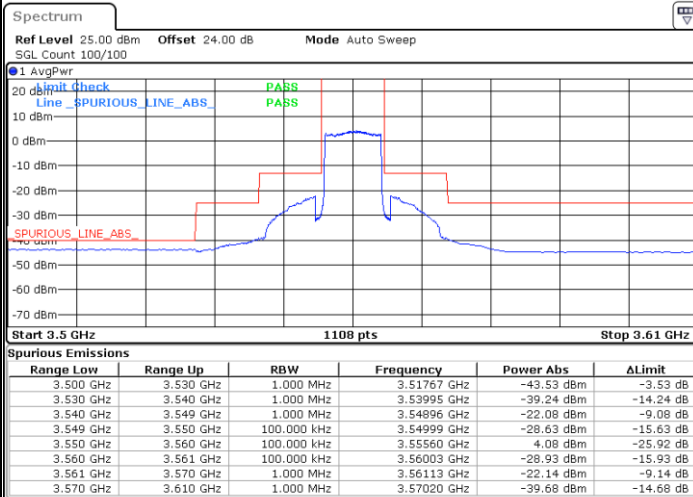
Date: 15.APR.2020 22:06:15



Date: 15.APR.2020 22:30:00

Lowest Channel / FullRB

N/A



Date: 15.APR.2020 22:18:07

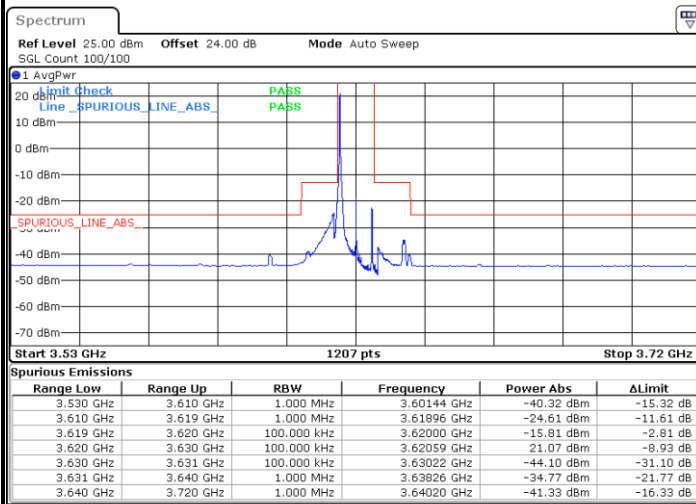


LTE Band 48 / 10MHz

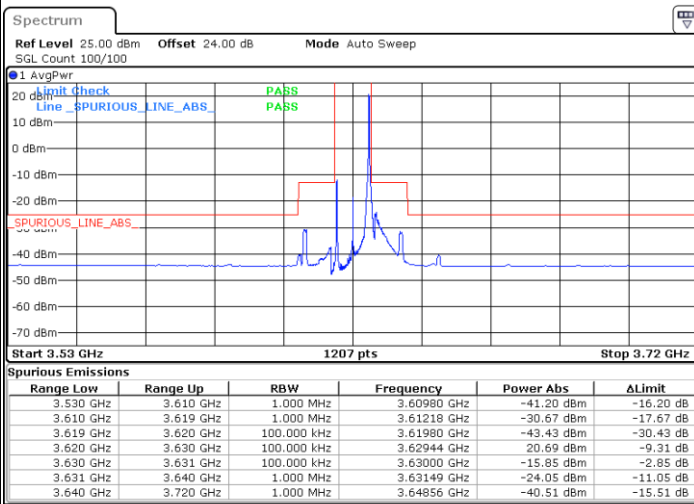
QPSK

MiddleChannel / 1RB0

Middle Channel / 1RBmax



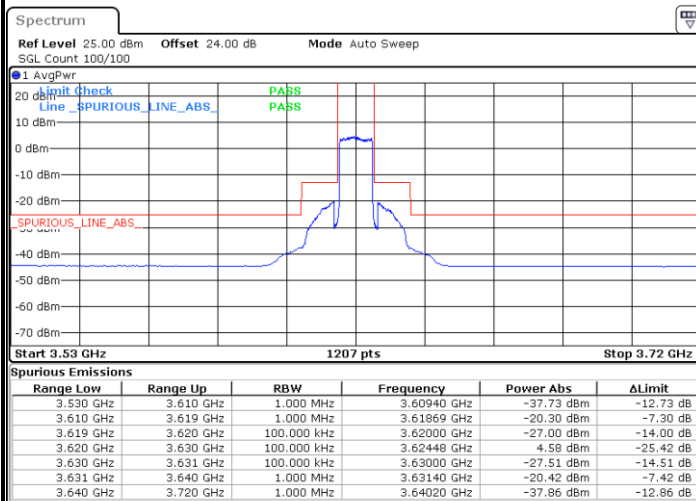
Date: 15.APR.2020 22:07:34



Date: 15.APR.2020 22:31:20

Middle Channel / FullIRB

N/A



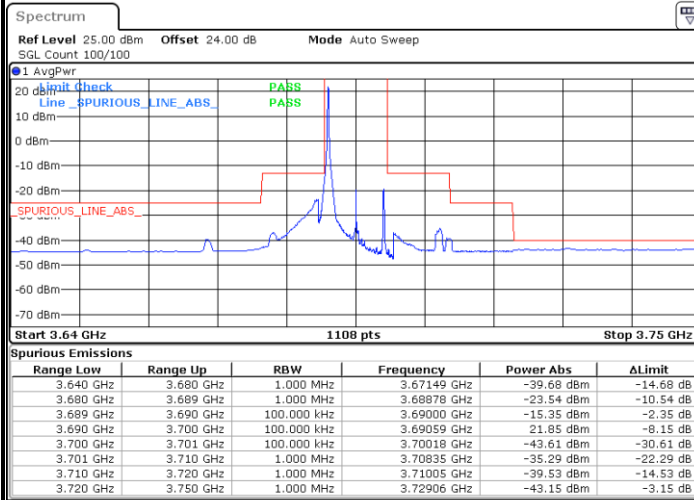
Date: 15.APR.2020 22:19:27



LTE Band 48 / 10MHz

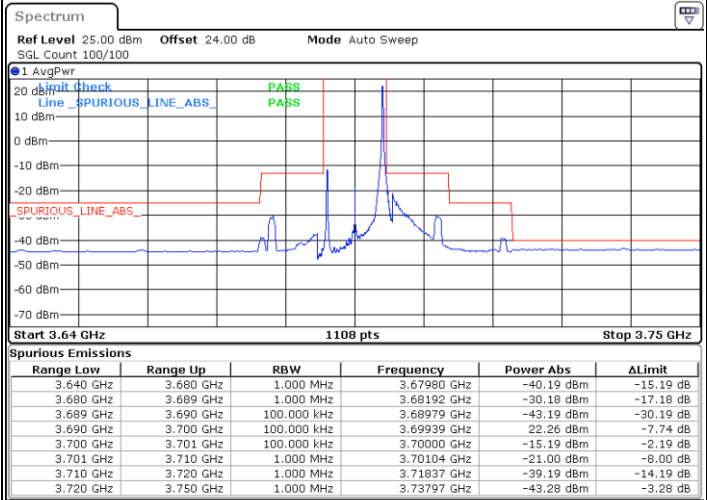
QPSK

Highest Channel / 1RB0



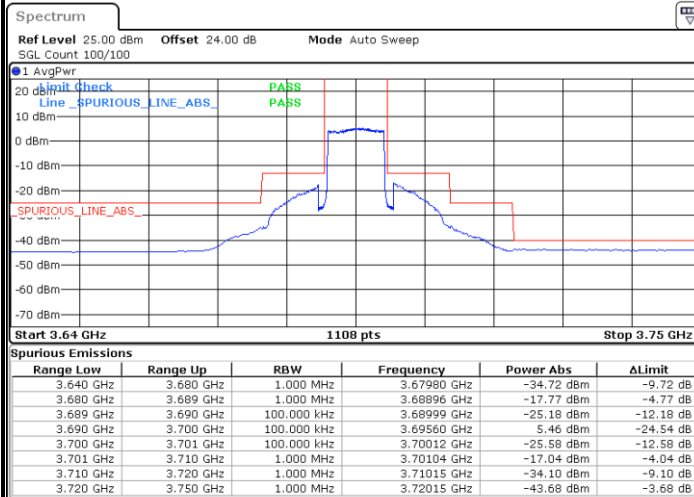
Date: 15.APR.2020 22:14:10

Highest Channel / 1RBmax



Date: 15.APR.2020 22:37:55

Highest Channel / FullRB



Date: 15.APR.2020 22:26:03

N/A