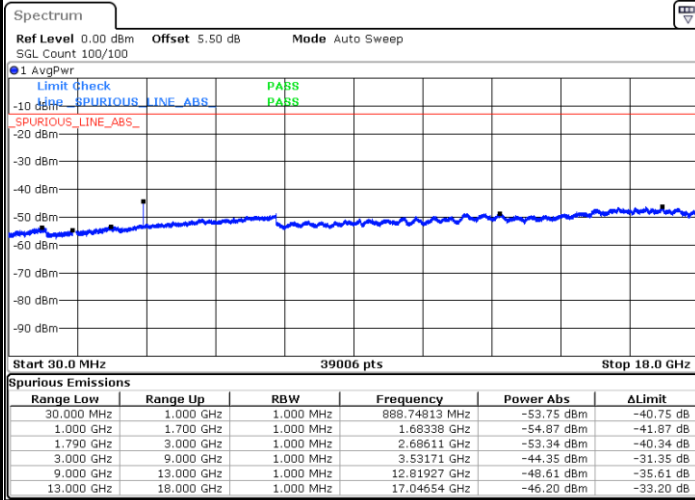




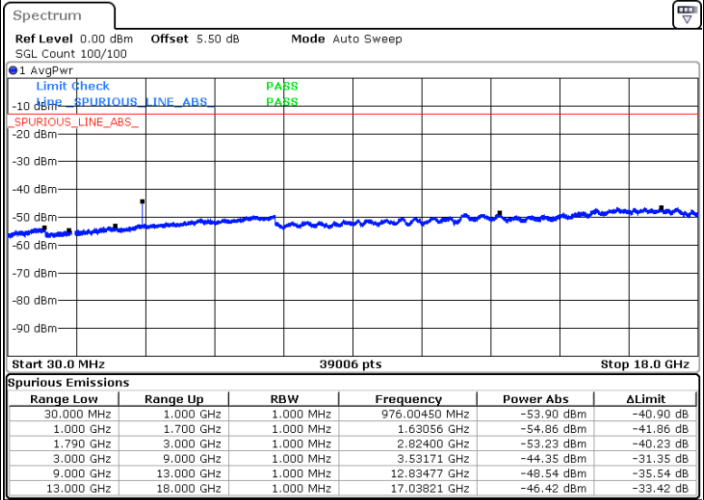
LTE Band 66 / 15MHz

Highest Channel / QPSK



Date: 13 JUN 2020 02:13:47

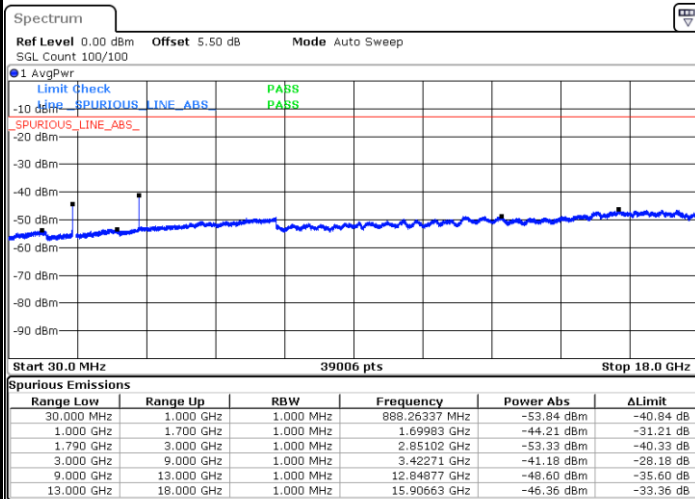
Highest Channel / 16QAM



Date: 13 JUN 2020 02:13:04

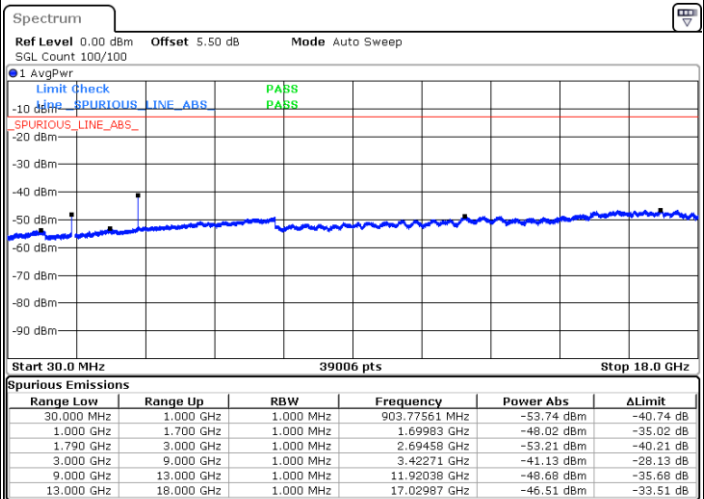
LTE Band 66 / 20MHz

Lowest Channel / QPSK



Date: 13 JUN 2020 02:24:27

Lowest Channel / 16QAM



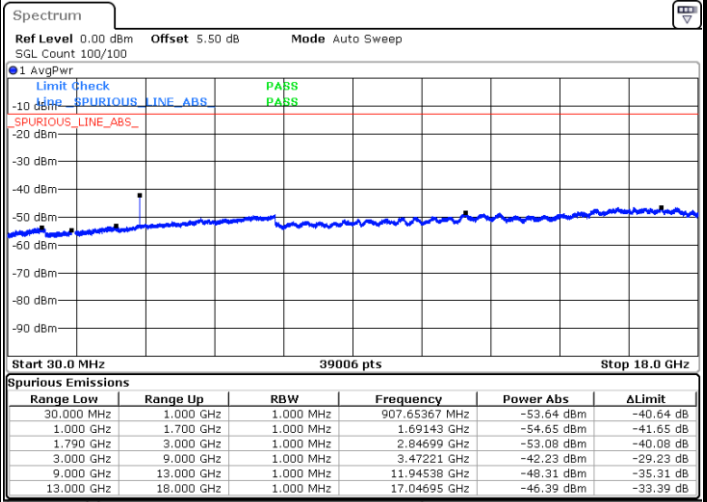
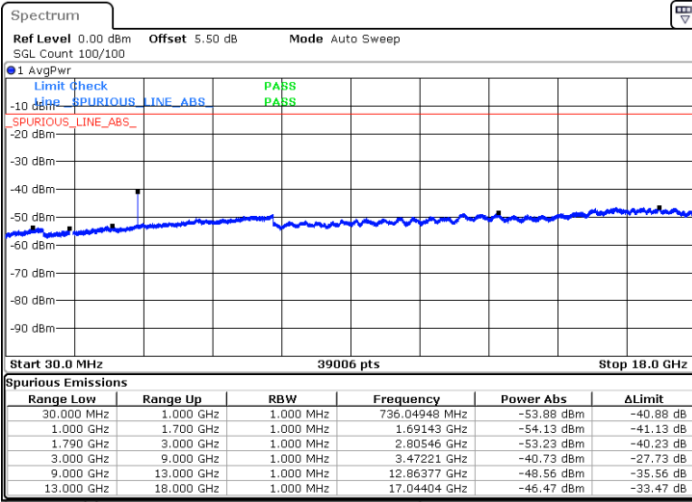
Date: 13 JUN 2020 02:23:27



LTE Band 66 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

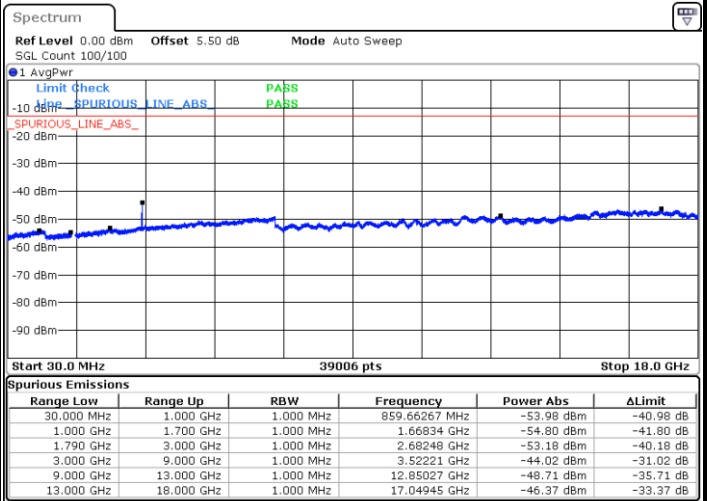
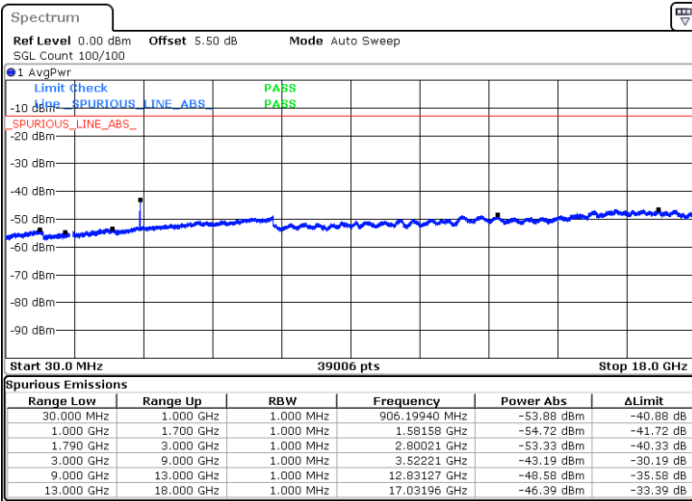


Date: 13 JUN 2020 02:25:33

Date: 13 JUN 2020 02:26:28

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 13 JUN 2020 02:33:44

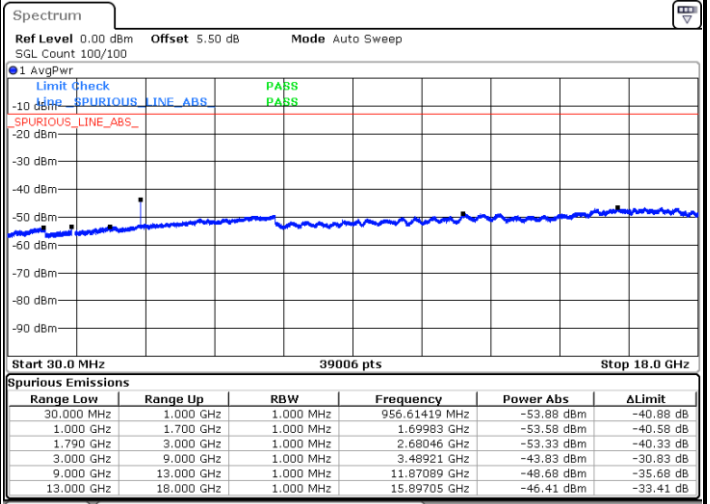
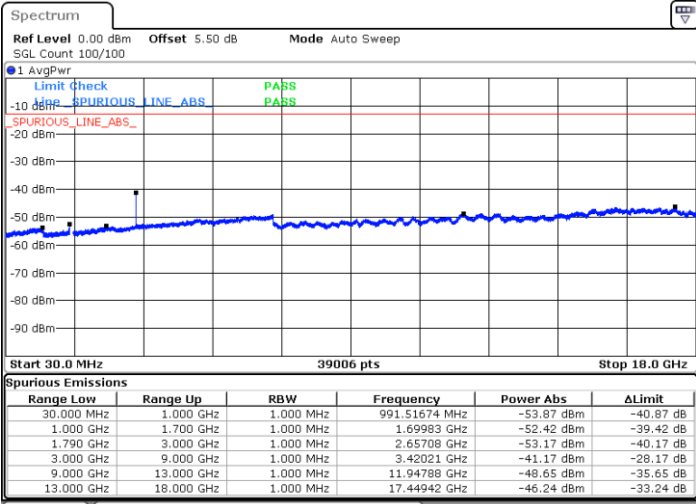
Date: 13 JUN 2020 02:34:36



LTE Band 66 / 1.4MHz

Lowest Channel / 64QAM

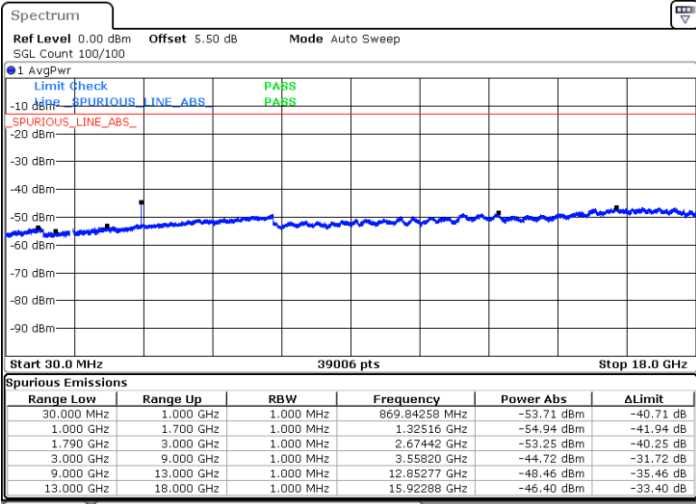
Middle Channel / 64QAM



Date: 12 JUN 2020 23:47:35

Date: 12 JUN 2020 23:57:00

Highest Channel / 64QAM



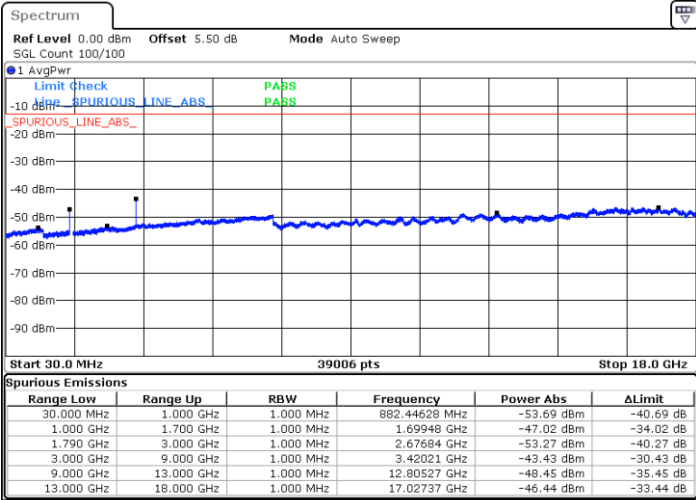
Date: 13 JUN 2020 00:08:48



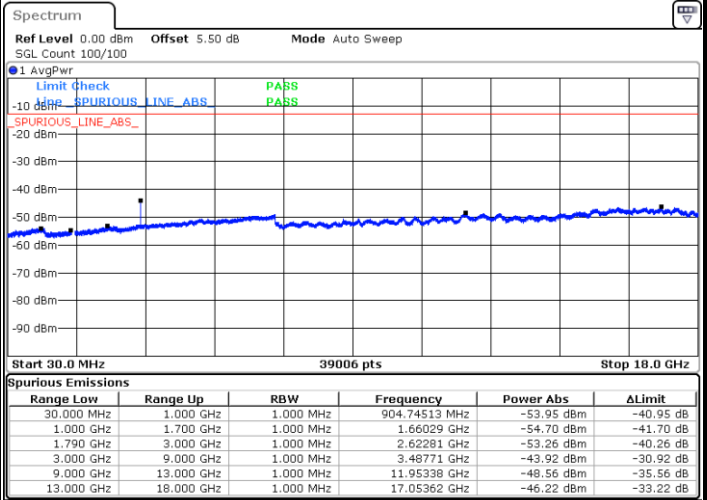
LTE Band 66 / 3MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

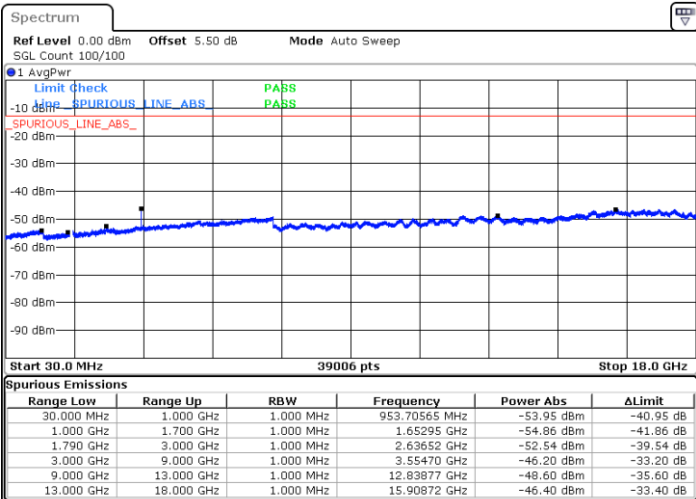


Date: 13 JUN 2020 00:21:04



Date: 13 JUN 2020 00:26:15

Highest Channel / 64QAM

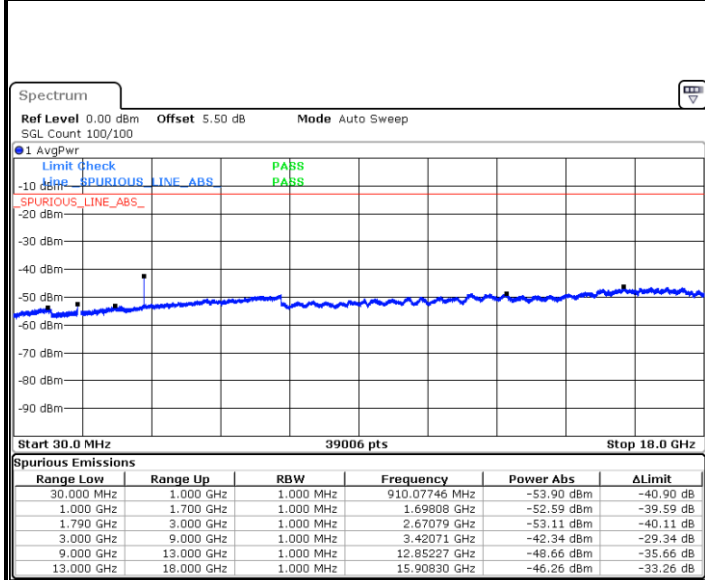


Date: 13 JUN 2020 00:35:57



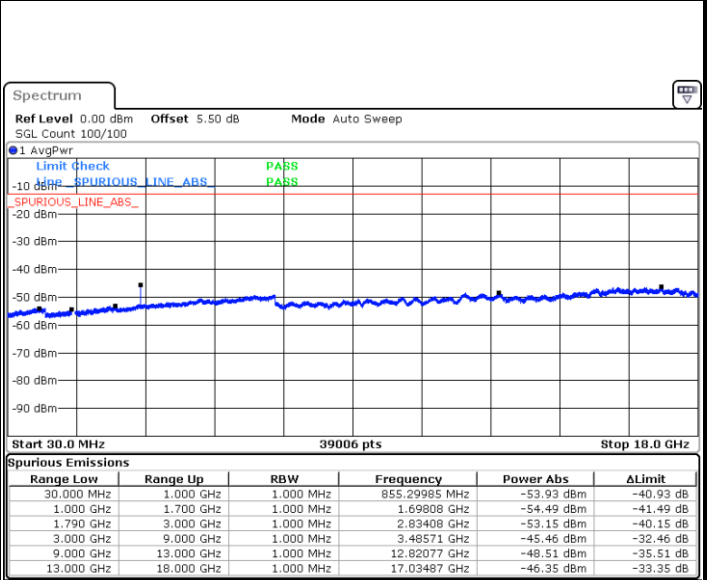
LTE Band 66 / 5MHz

Lowest Channel / 64QAM



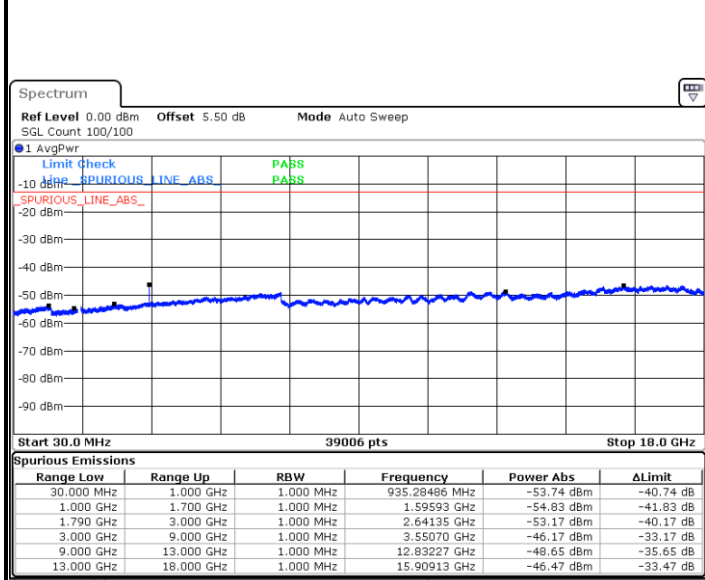
Date: 13 JUN 2020 00:43:37

Middle Channel / 64QAM



Date: 13 JUN 2020 00:44:31

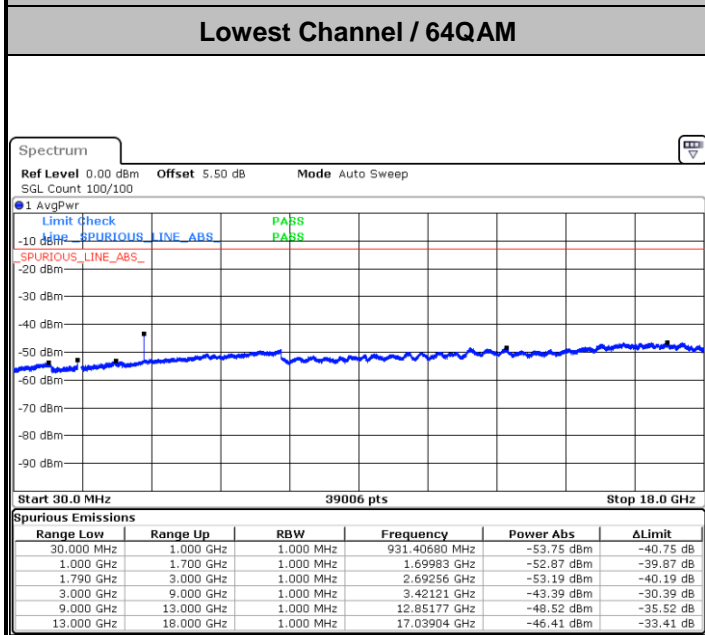
Highest Channel / 64QAM



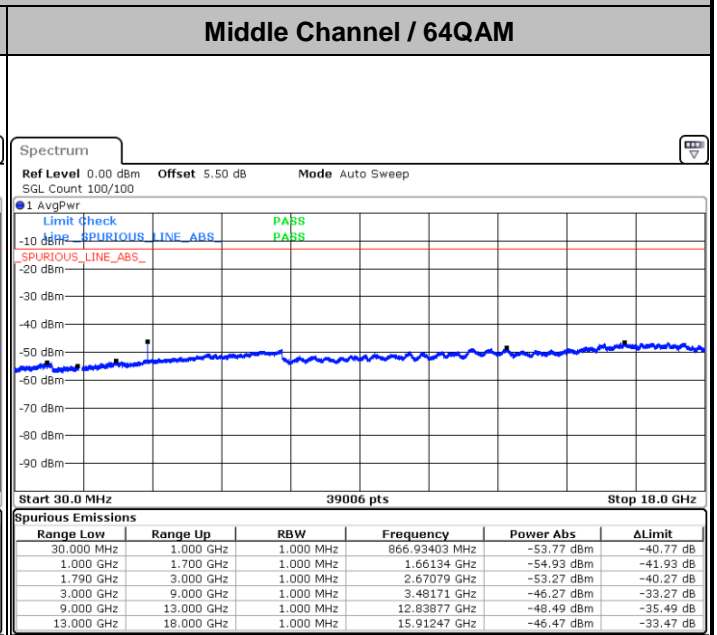
Date: 13 JUN 2020 00:52:09



LTE Band 66 / 10MHz

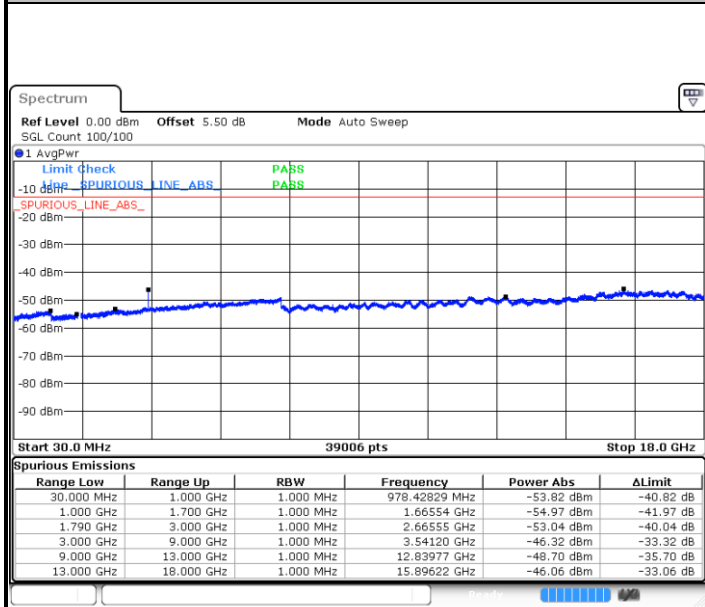


Date: 13 JUN 2020 01:11:56



Date: 13 JUN 2020 01:50:37

Highest Channel / 64QAM

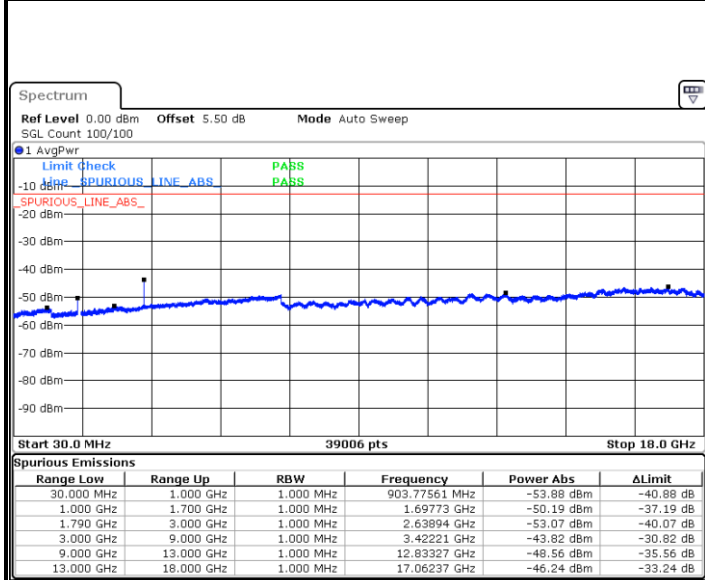


Date: 13 JUN 2020 01:59:13



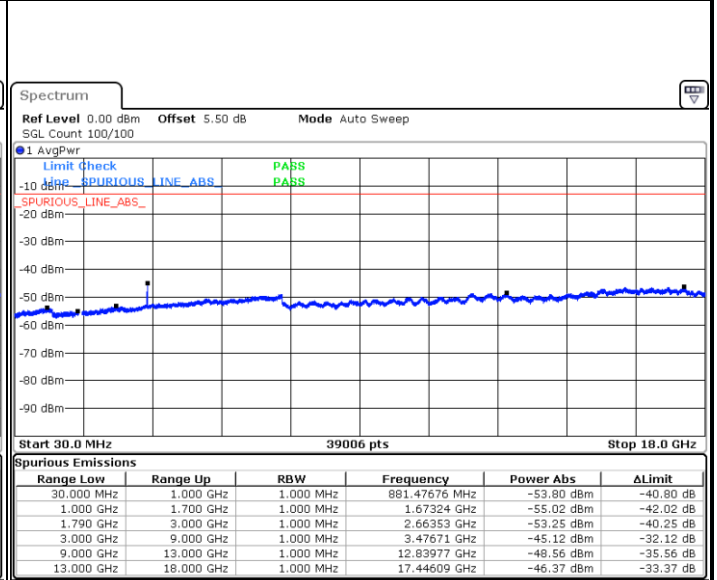
LTE Band 66 / 15MHz

Lowest Channel / 64QAM



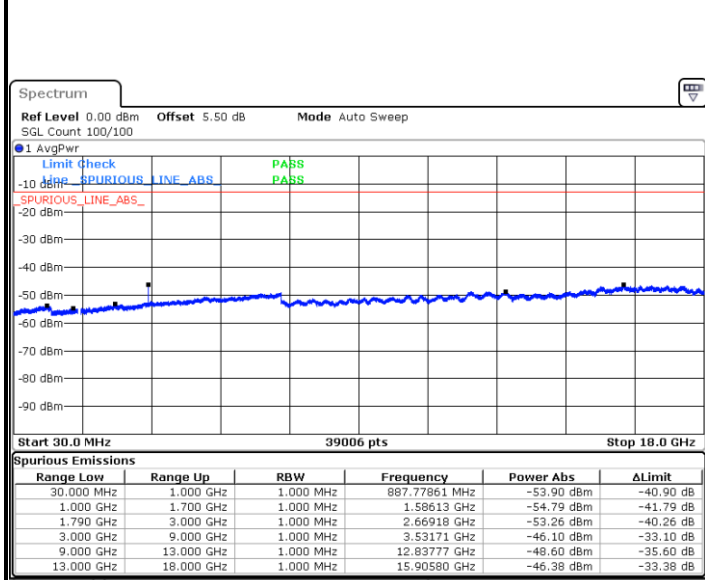
Date: 13 JUN 2020 02:04:57

Middle Channel / 64QAM



Date: 13 JUN 2020 02:05:52

Highest Channel / 64QAM

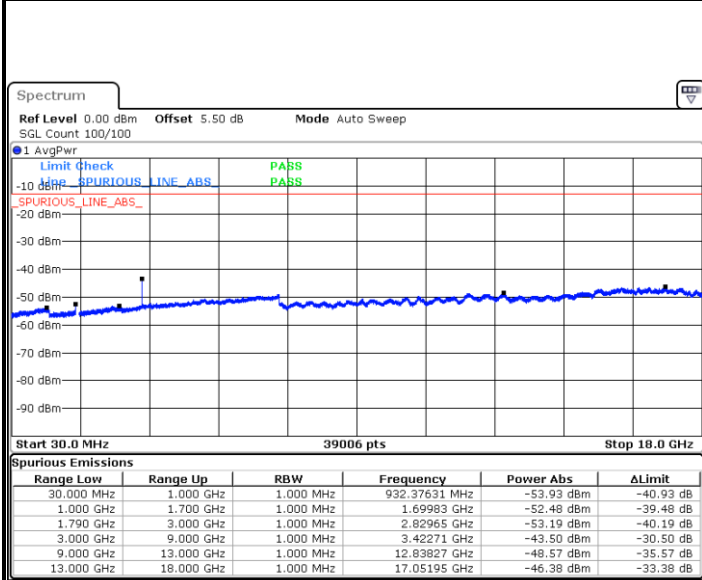


Date: 13 JUN 2020 02:12:21



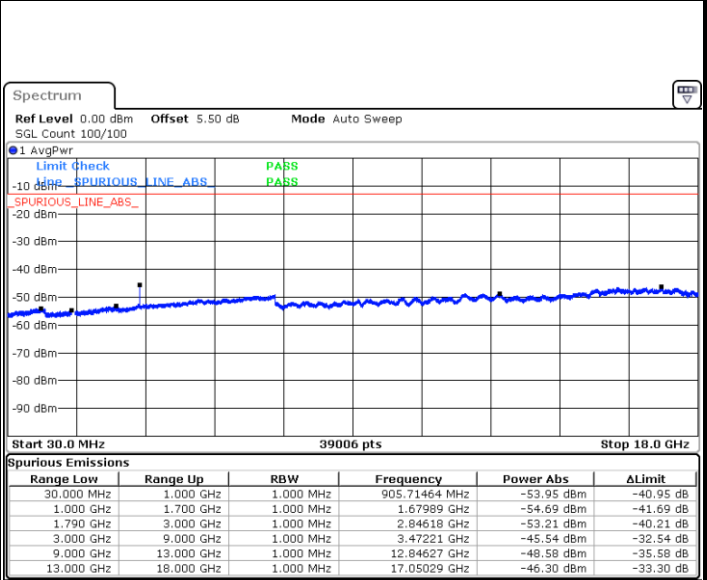
LTE Band 66 / 20MHz

Lowest Channel / 64QAM



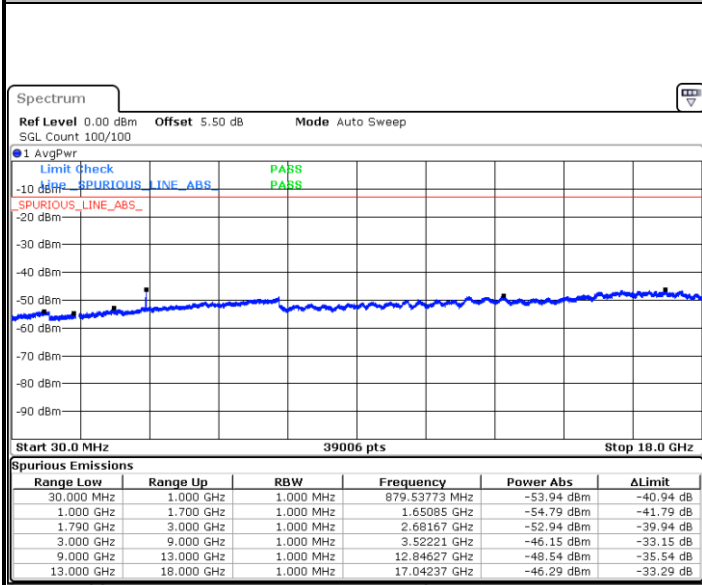
Date: 13 JUN 2020 02:22:24

Middle Channel / 64QAM



Date: 13 JUN 2020 02:27:29

Highest Channel / 64QAM



Date: 13 JUN 2020 02:38:32



Frequency Stability

Test Conditions		LTE Band 66 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0015	PASS
40	Normal Voltage	0.0006	
30	Normal Voltage	0.0044	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0051	
0	Normal Voltage	0.0062	
-10	Normal Voltage	0.0010	
-20	Normal Voltage	0.0053	
-30	Normal Voltage	0.0068	
20	Maximum Voltage	0.0008	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0048	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 5B

26dB Bandwidth

Mode	LTE Band 5B : 26dB BW(MHz)		
QPSK			
BW	10MHz+5MHz	10MHz+10MHz	5MHz+10MHz
Lowest CH	14.63	19.62	14.60
Middle CH	14.69	19.66	14.54
Highest CH	14.69	19.58	14.54

Mode	LTE Band 5B : 26dB BW(MHz)		
16QAM			
BW	10MHz+5MHz	10MHz+10MHz	5MHz+10MHz
Lowest CH	14.66	19.58	14.60
Middle CH	14.66	19.66	14.51
Highest CH	14.60	19.54	14.54

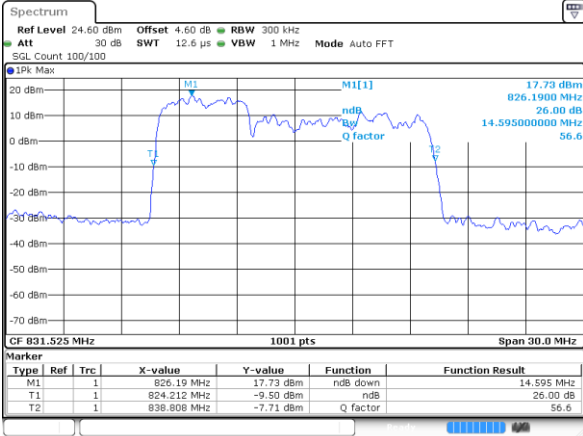
Mode	LTE Band 5B : 26dB BW(MHz)		
64QAM			
BW	10MHz+5MHz	10MHz+10MHz	5MHz+10MHz
Lowest CH	14.66	19.62	14.54
Middle CH	14.60	19.50	14.51
Highest CH	14.66	19.62	14.54



LTE Band 5B

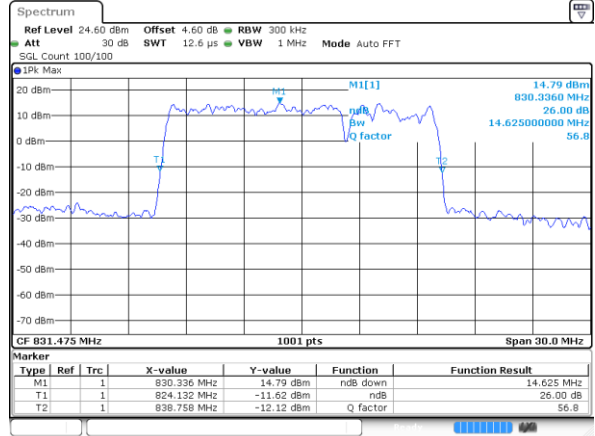
QPSK

Lowest Channel / 5MHz+10MHz



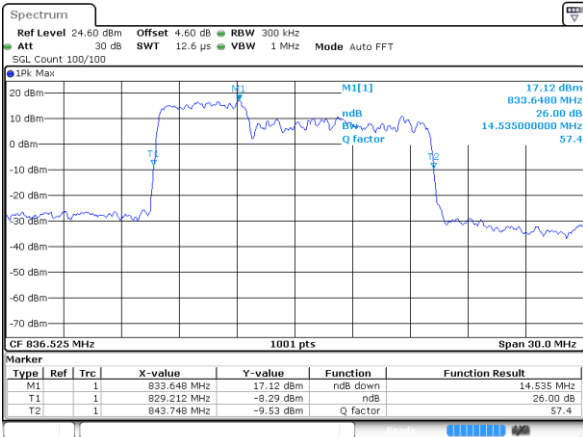
Date: 4 JUL 2020 15:56:14

Lowest Channel / 10MHz+5MHz



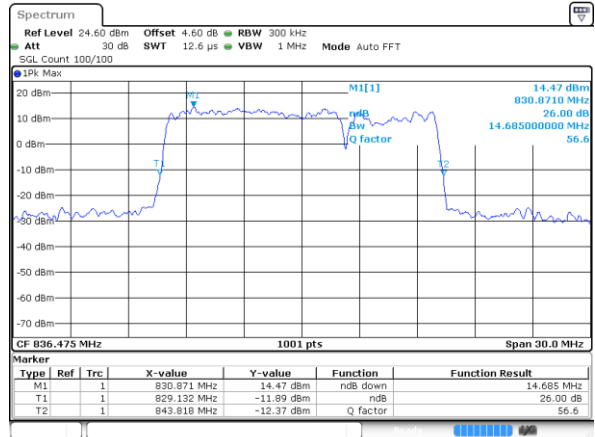
Date: 4 JUL 2020 16:25:41

Middle Channel / 5MHz+10MHz



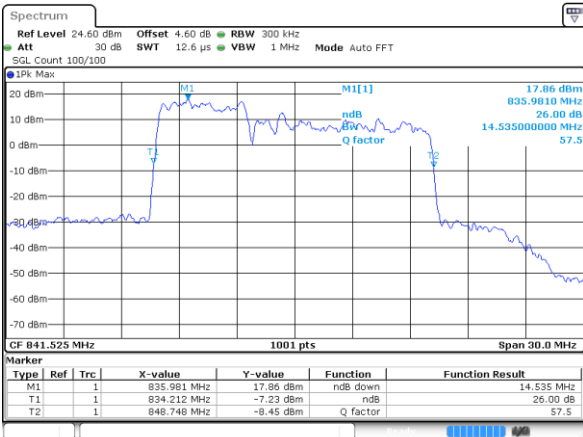
Date: 4 JUL 2020 15:51:12

Middle Channel / 10MHz+5MHz



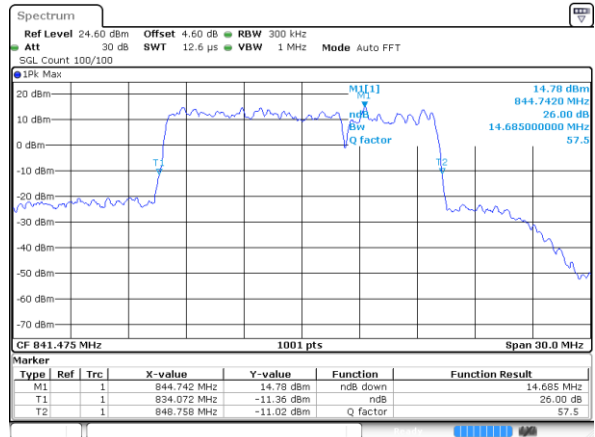
Date: 4 JUL 2020 16:36:15

Highest Channel / 5MHz+10MHz



Date: 4 JUL 2020 15:40:33

Highest Channel / 10MHz+5MHz



Date: 4 JUL 2020 16:40:04

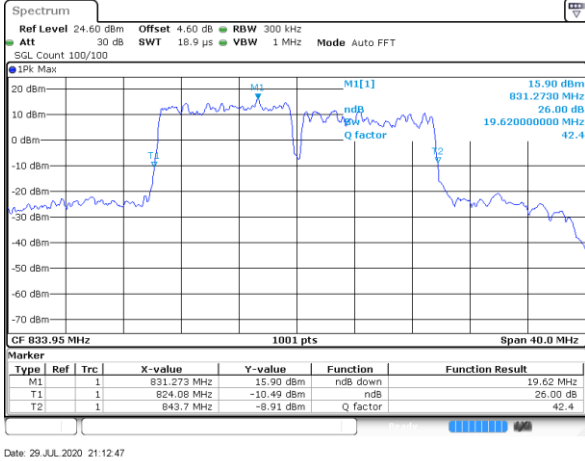


LTE Band 5B

QPSK

Lowest Channel / 10MHz+10MHz

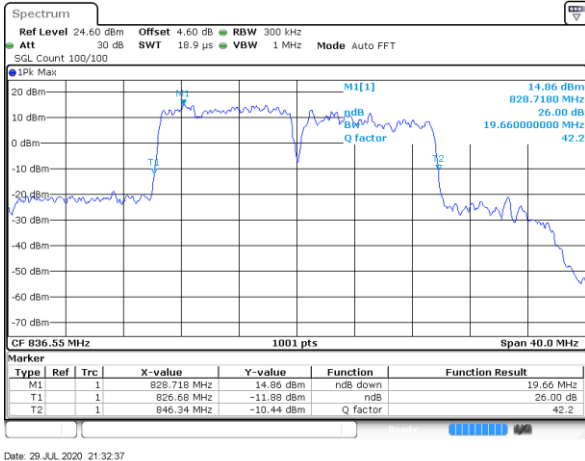
N/A



Date: 29 JUL 2020 21:12:47

Middle Channel / 10MHz+10MHz

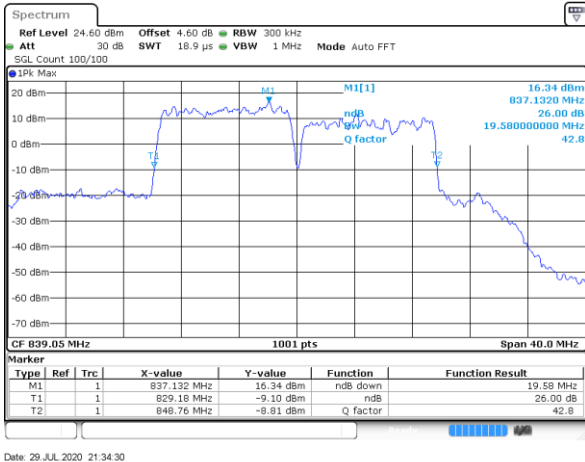
N/A



Date: 29 JUL 2020 21:32:37

Highest Channel / 10MHz+10MHz

N/A



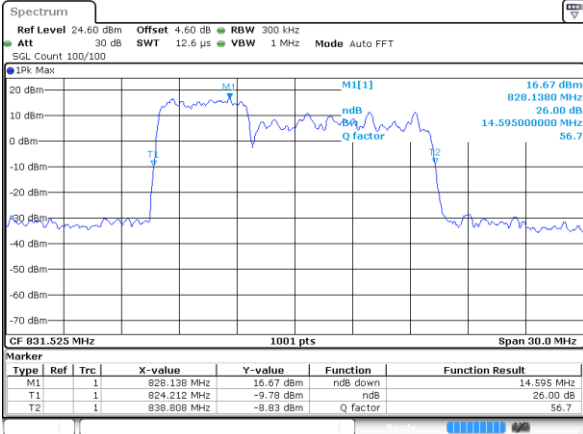
Date: 29 JUL 2020 21:34:30



LTE Band 5B

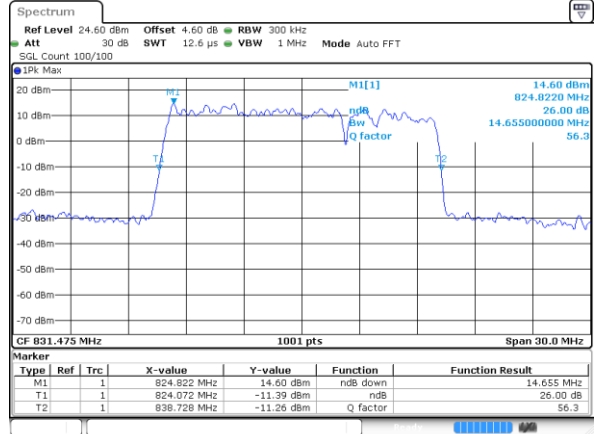
16QAM

Lowest Channel / 5MHz+10MHz



Date: 4 JUL 2020 15:54:46

Lowest Channel / 10MHz+5MHz



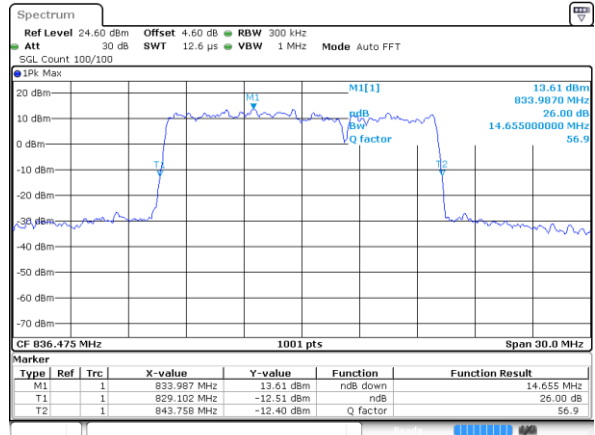
Date: 4 JUL 2020 16:26:43

Middle Channel / 5MHz+10MHz



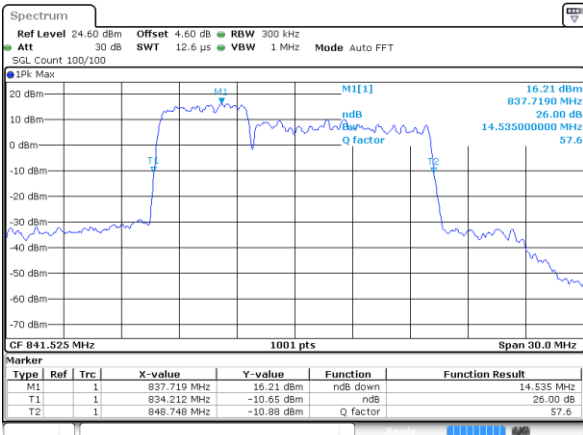
Date: 4 JUL 2020 15:51:41

Middle Channel / 10MHz+5MHz



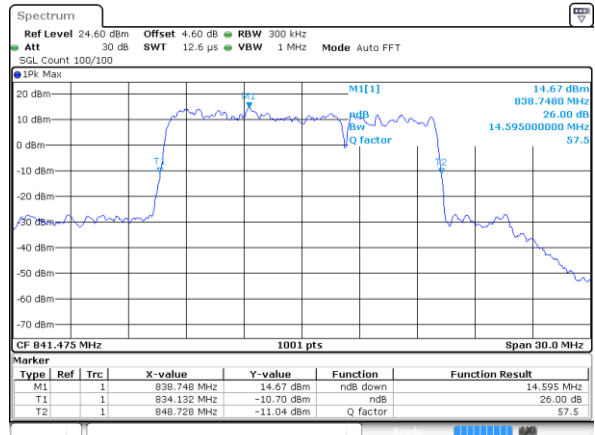
Date: 4 JUL 2020 16:36:39

Highest Channel / 5MHz+10MHz



Date: 4 JUL 2020 15:41:05

Highest Channel / 10MHz+5MHz



Date: 4 JUL 2020 16:38:52

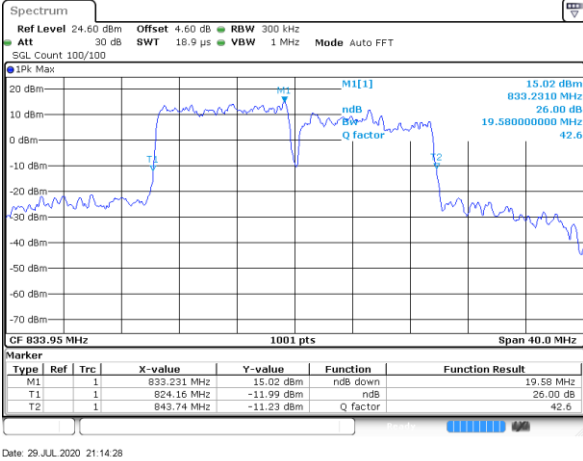


LTE Band 5B

16QAM

Lowest Channel / 10MHz+10MHz

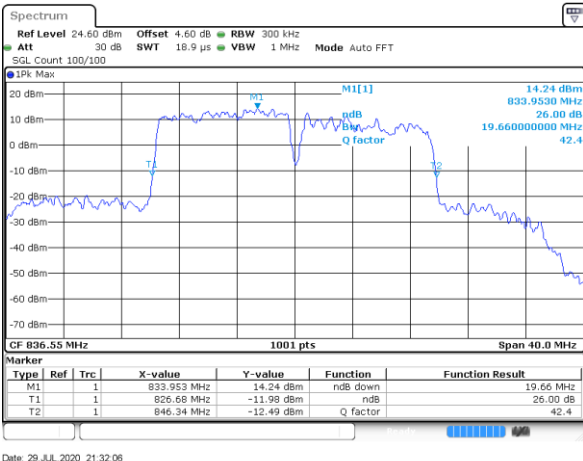
N/A



Date: 29 JUL 2020 21:14:28

Middle Channel / 10MHz+10MHz

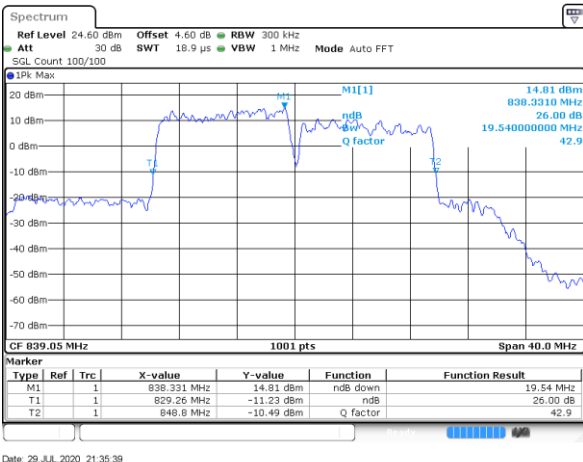
N/A



Date: 29 JUL 2020 21:32:06

Highest Channel / 10MHz+10MHz

N/A



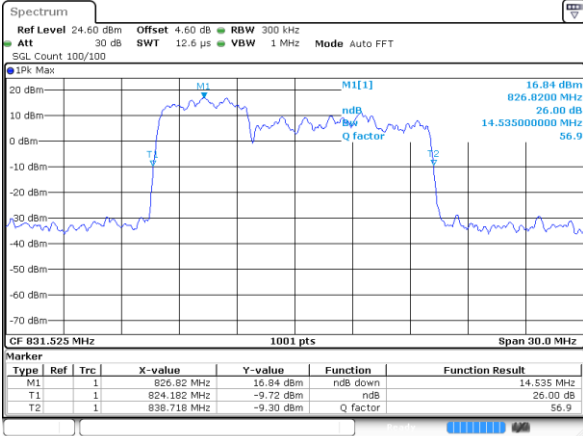
Date: 29 JUL 2020 21:35:39



LTE Band 5B

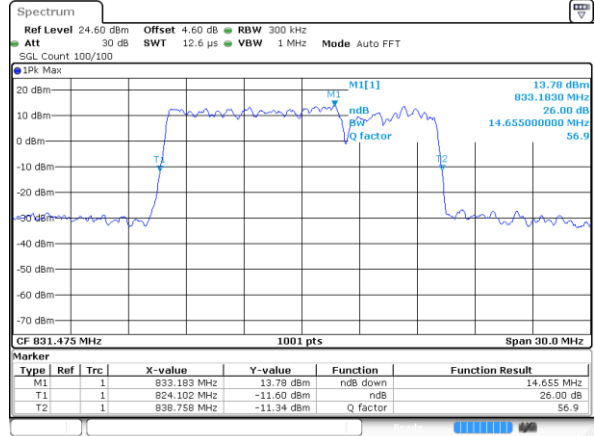
64QAM

Lowest Channel / 5MHz+10MHz



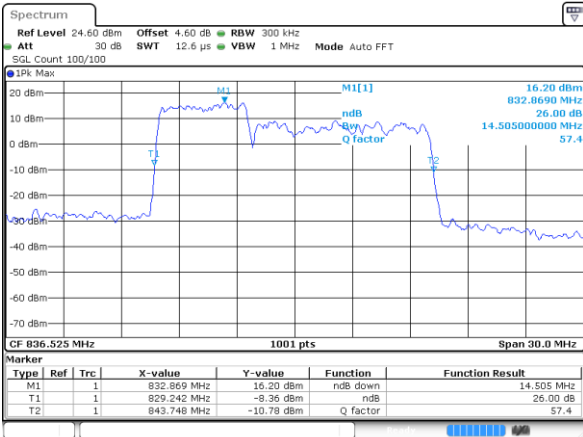
Date: 4 JUL 2020 15:53:50

Lowest Channel / 10MHz+5MHz



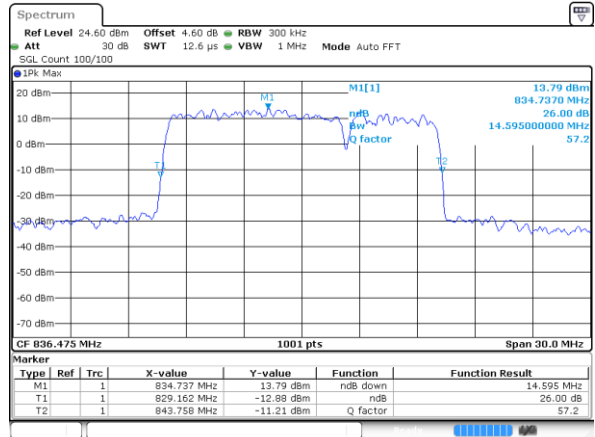
Date: 4 JUL 2020 16:27:48

Middle Channel / 5MHz+10MHz



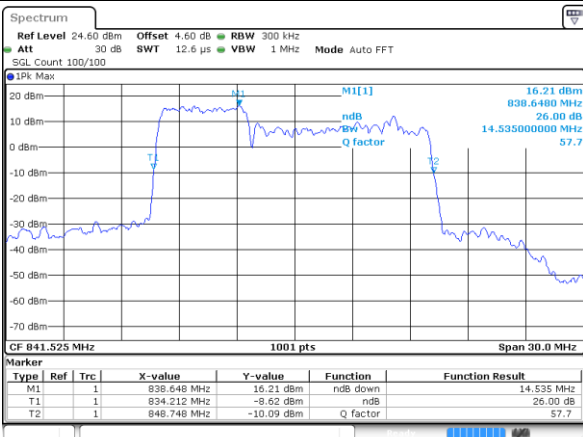
Date: 4 JUL 2020 15:52:09

Middle Channel / 10MHz+5MHz



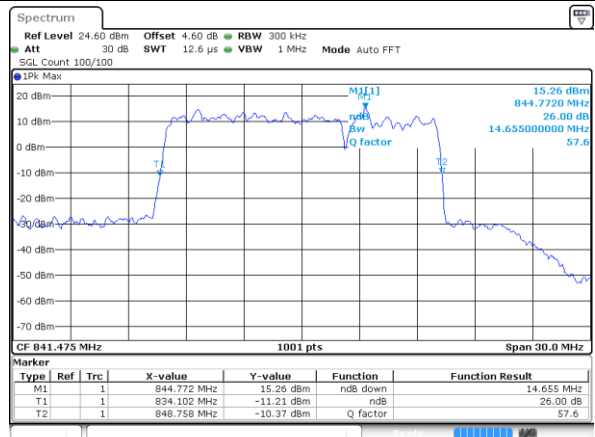
Date: 4 JUL 2020 16:37:06

Highest Channel / 5MHz+10MHz



Date: 4 JUL 2020 15:53:01

Highest Channel / 10MHz+5MHz



Date: 4 JUL 2020 16:37:52

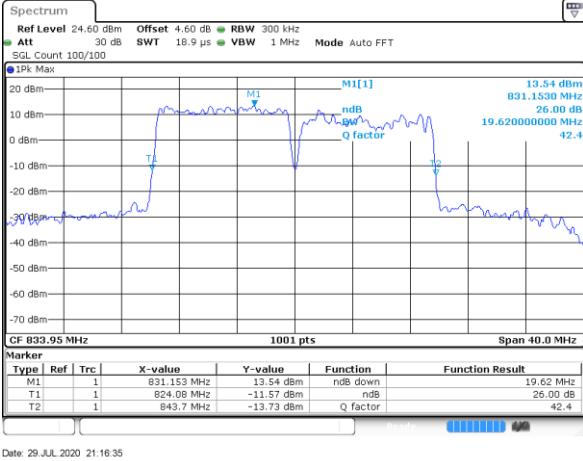


LTE Band 5B

64QAM

Lowest Channel / 10MHz+10MHz

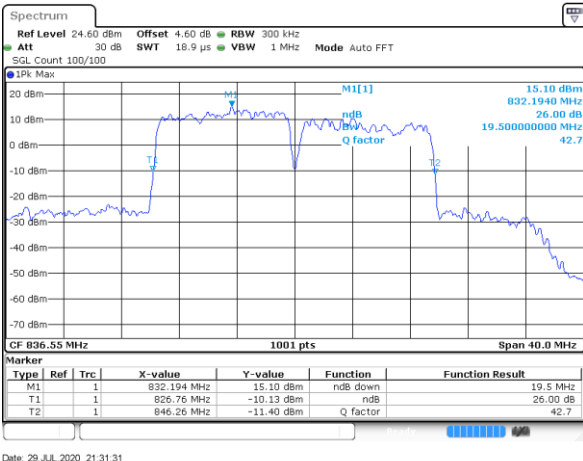
N/A



Date: 29 JUL 2020 21:16:35

Middle Channel / 10MHz+10MHz

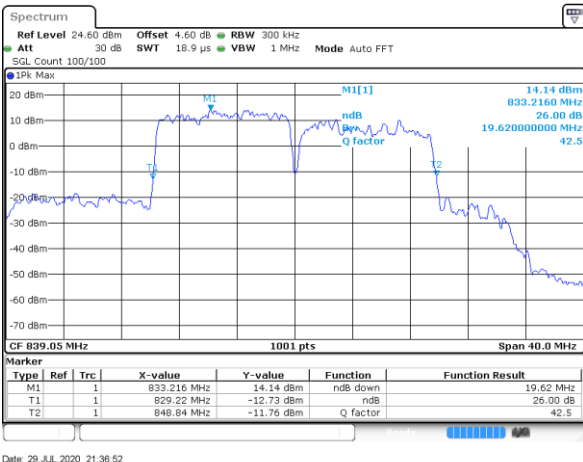
N/A



Date: 29 JUL 2020 21:31:31

Highest Channel / 10MHz+10MHz

N/A



Date: 29 JUL 2020 21:36:52



Occupied Bandwidth

Mode	LTE Band 5B : 99%OBW(MHz)		
QPSK			
BW	10MHz+5MHz	10MHz+10MHz	5MHz+10MHz
Lowest CH	13.85	18.74	13.85
Middle CH	13.85	18.66	13.79
Highest CH	13.94	18.82	13.79

Mode	LTE Band 5B : 99%OBW(MHz)		
16QAM			
BW	10MHz+5MHz	10MHz+10MHz	5MHz+10MHz
Lowest CH	13.79	18.66	13.79
Middle CH	13.82	18.58	13.76
Highest CH	13.88	18.70	13.70

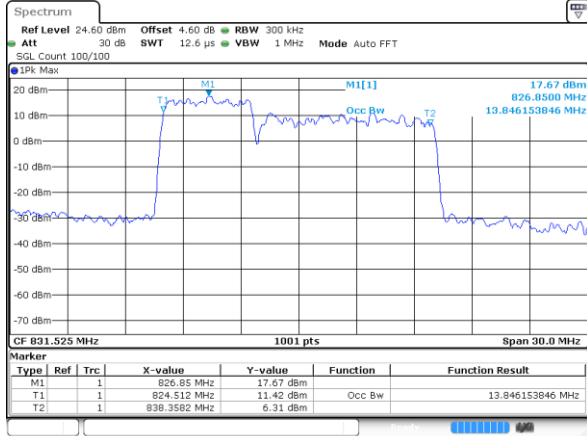
Mode	LTE Band 5B : 99%OBW(MHz)		
64QAM			
BW	10MHz+5MHz	10MHz+10MHz	5MHz+10MHz
Lowest CH	13.88	18.66	13.76
Middle CH	13.91	18.62	13.79
Highest CH	13.82	18.66	13.79



LTE Band 5B

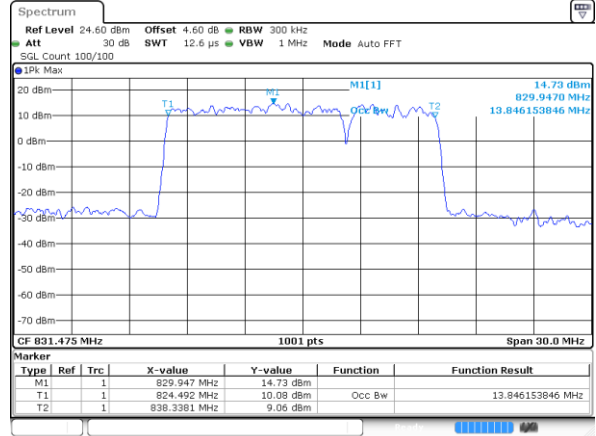
QPSK

Lowest Channel / 5MHz+10MHz



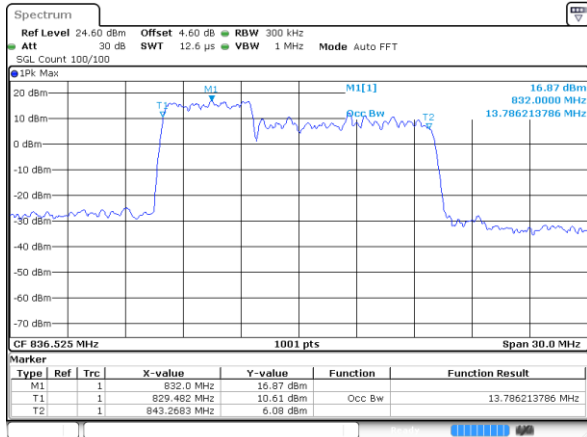
Date: 4 JUL 2020 15:56:06

Lowest Channel / 10MHz+5MHz



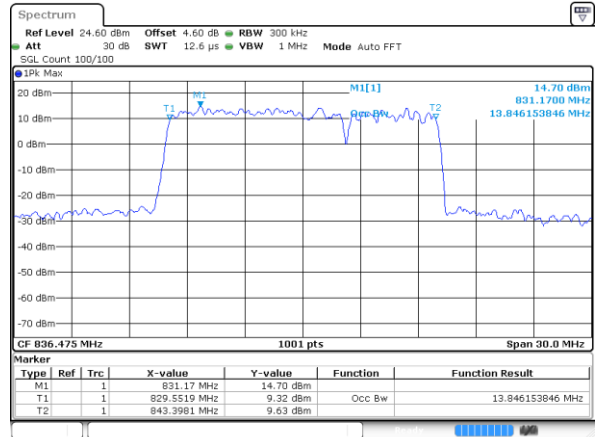
Date: 4 JUL 2020 16:25:34

Middle Channel / 5MHz+10MHz



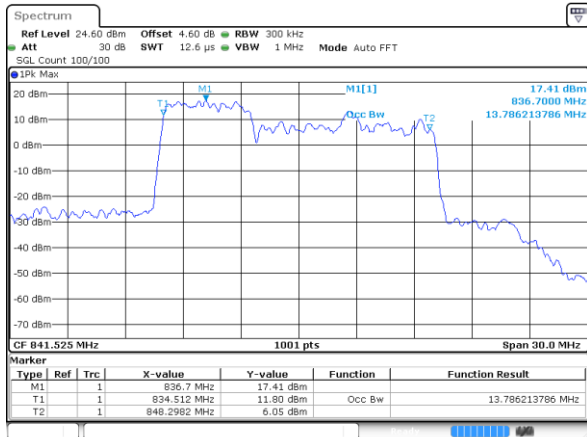
Date: 4 JUL 2020 15:51:06

Middle Channel / 10MHz+5MHz



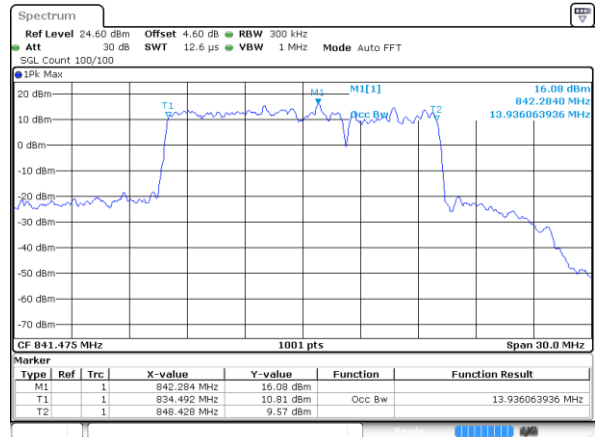
Date: 4 JUL 2020 16:36:06

Highest Channel / 5MHz+10MHz



Date: 4 JUL 2020 15:40:40

Highest Channel / 10MHz+5MHz



Date: 4 JUL 2020 16:39:56

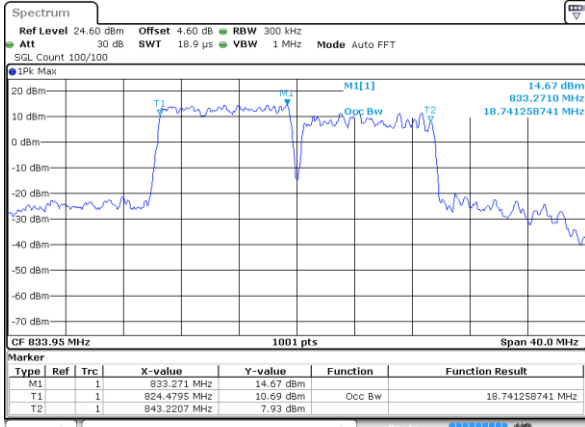


LTE Band 5B

QPSK

Lowest Channel / 10MHz+10MHz

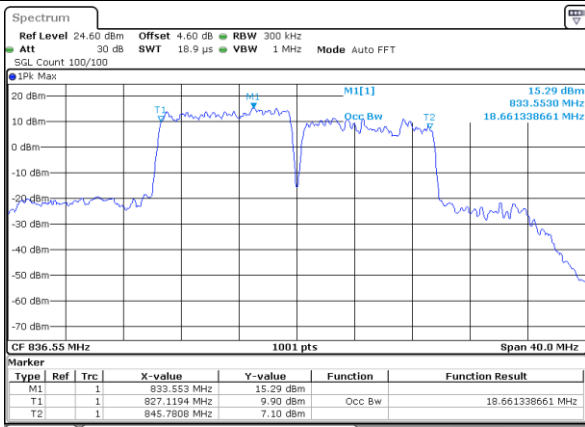
N/A



Date: 29 JUL 2020 21:12:29

Middle Channel / 10MHz+10MHz

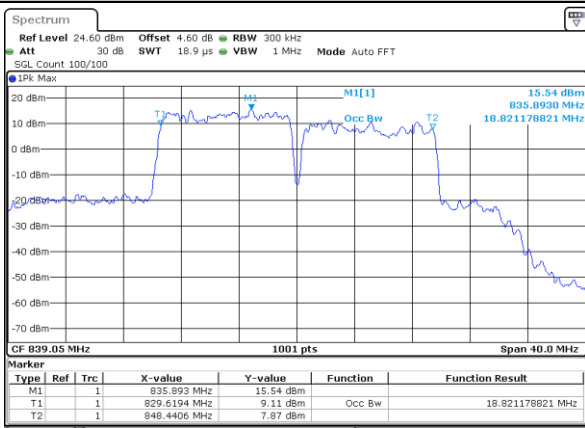
N/A



Date: 29 JUL 2020 21:32:21

Highest Channel / 10MHz+10MHz

N/A



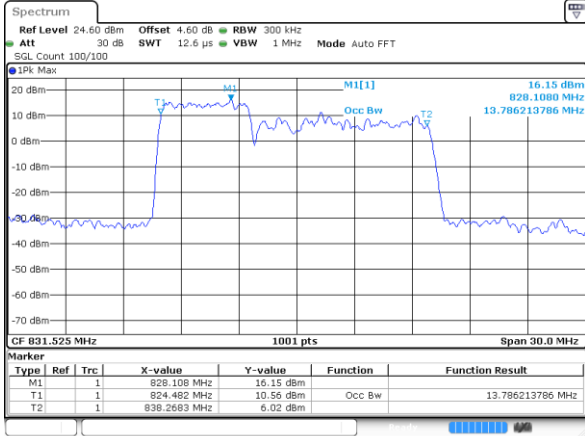
Date: 29 JUL 2020 21:34:19



LTE Band 5B

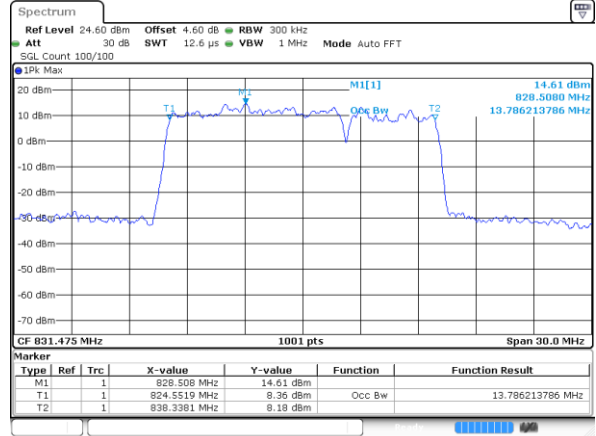
16QAM

Lowest Channel / 5MHz+10MHz



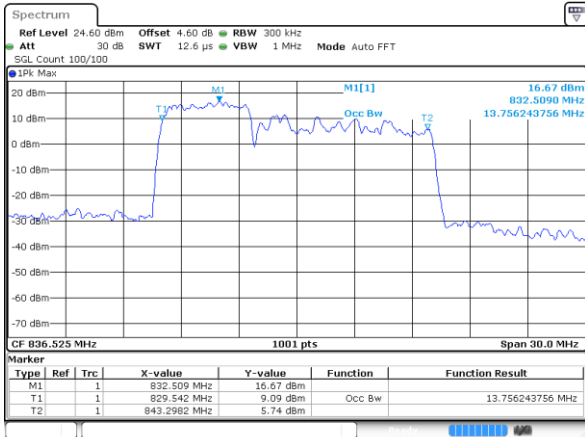
Date: 4 JUL 2020 15:54:39

Lowest Channel / 10MHz+5MHz



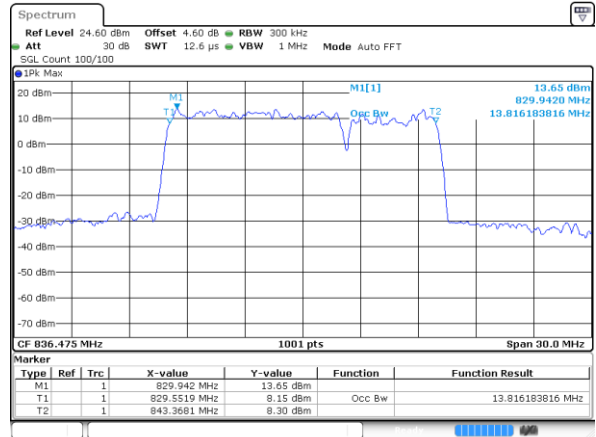
Date: 4 JUL 2020 16:29:36

Middle Channel / 5MHz+10MHz



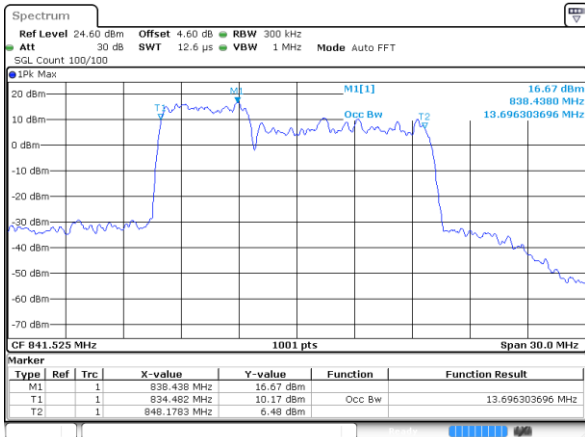
Date: 4 JUL 2020 15:51:33

Middle Channel / 10MHz+5MHz



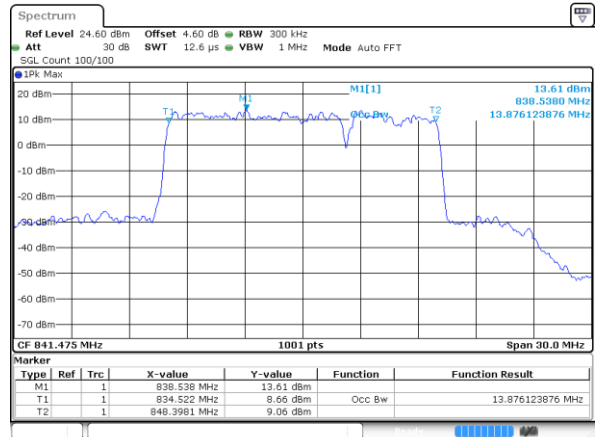
Date: 4 JUL 2020 16:36:31

Highest Channel / 5MHz+10MHz



Date: 4 JUL 2020 15:40:58

Highest Channel / 10MHz+5MHz



Date: 4 JUL 2020 16:38:46

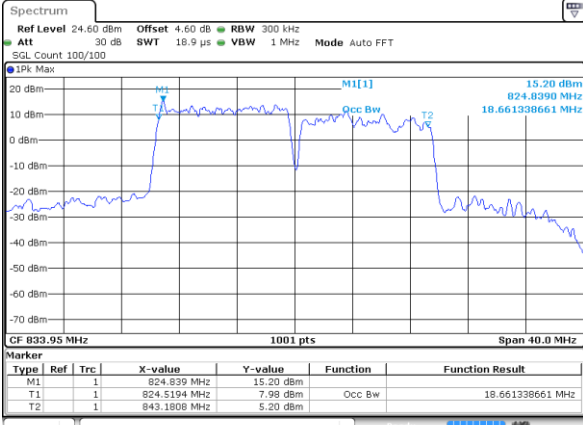


LTE Band 5B

16QAM

Lowest Channel / 10MHz+10MHz

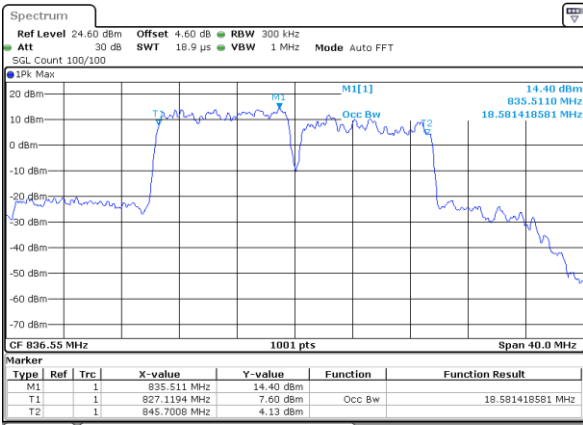
N/A



Date: 29 JUL 2020 21:14:15

Middle Channel / 10MHz+10MHz

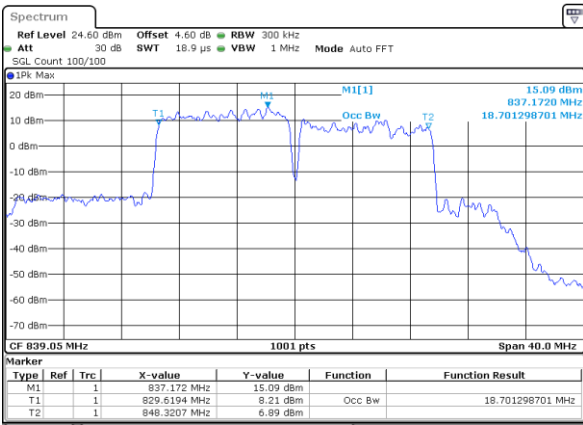
N/A



Date: 29 JUL 2020 21:31:48

Highest Channel / 10MHz+10MHz

N/A



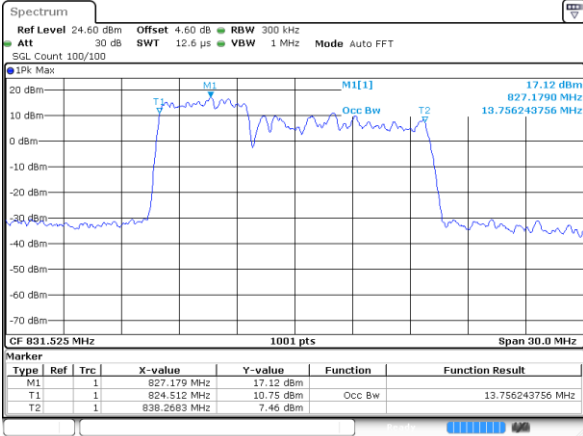
Date: 29 JUL 2020 21:35:29



LTE Band 5B

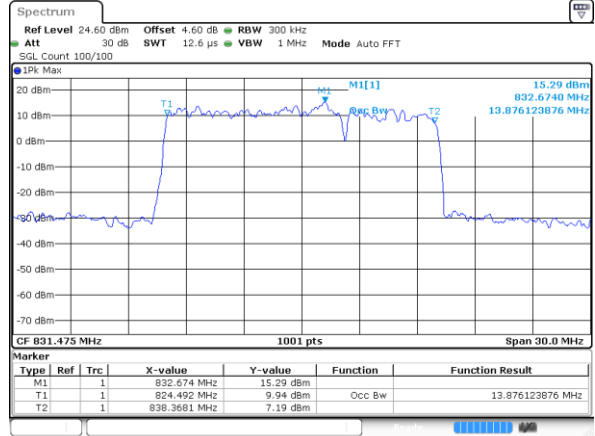
64QAM

Lowest Channel / 5MHz+10MHz



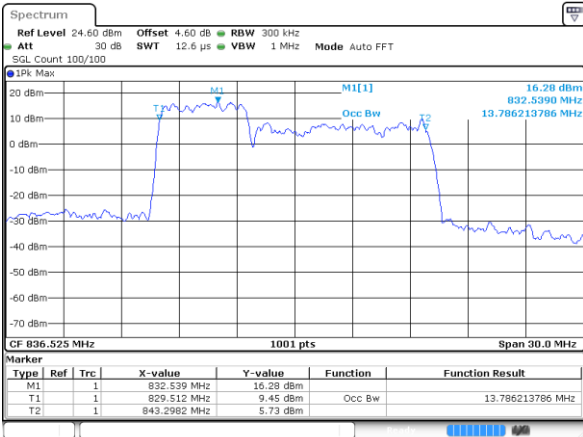
Date: 4 JUL 2020 15:53:42

Lowest Channel / 10MHz+5MHz



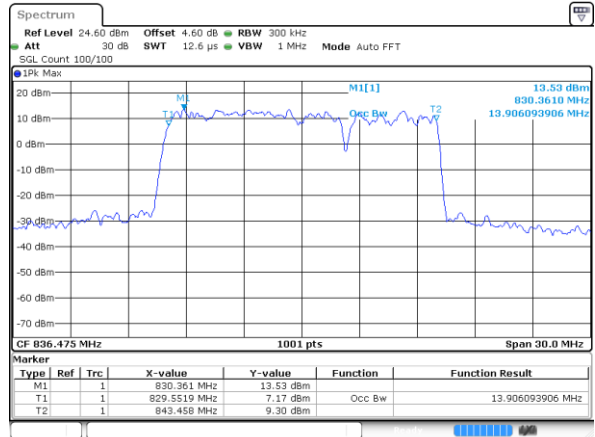
Date: 4 JUL 2020 16:27:40

Middle Channel / 5MHz+10MHz



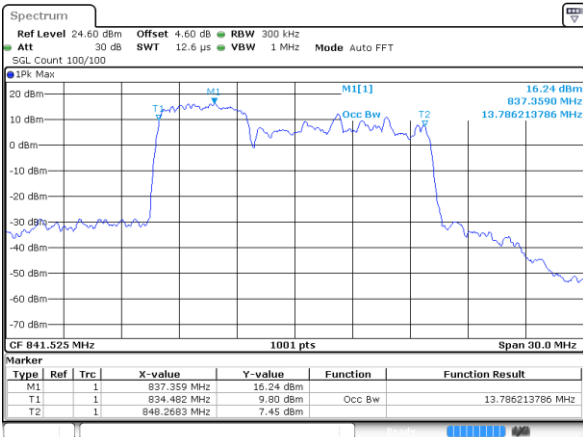
Date: 4 JUL 2020 15:52:00

Middle Channel / 10MHz+5MHz



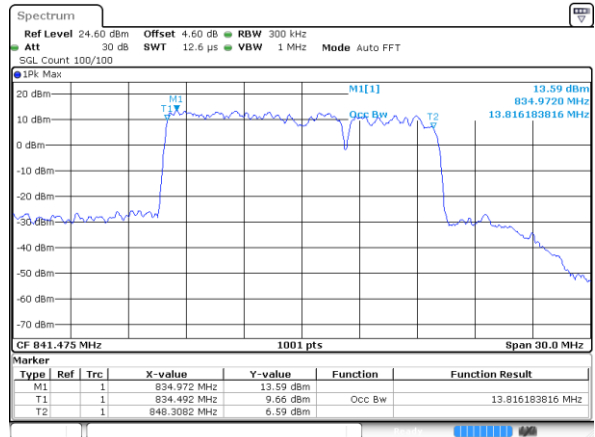
Date: 4 JUL 2020 16:36:59

Highest Channel / 5MHz+10MHz



Date: 4 JUL 2020 15:52:51

Highest Channel / 10MHz+5MHz



Date: 4 JUL 2020 16:37:46

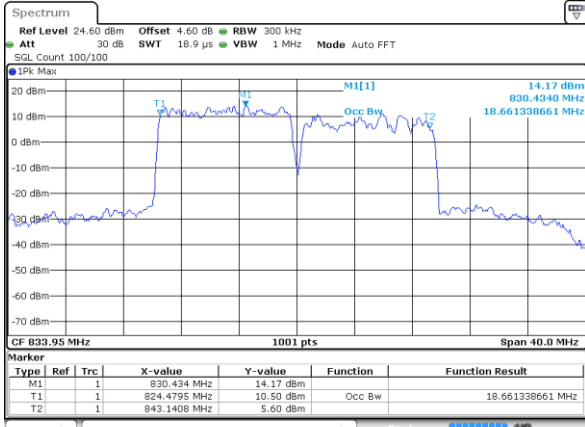


LTE Band 5B

64QAM

Lowest Channel / 10MHz+10MHz

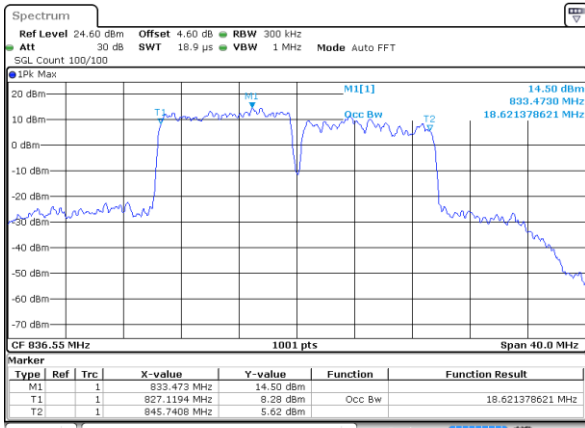
N/A



Date: 29 JUL 2020 21:16:25

Middle Channel / 10MHz+10MHz

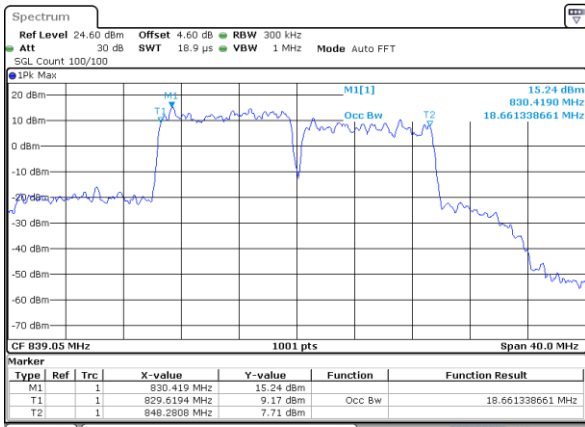
N/A



Date: 29 JUL 2020 21:30:58

Highest Channel / 10MHz+10MHz

N/A



Date: 29 JUL 2020 21:36:36

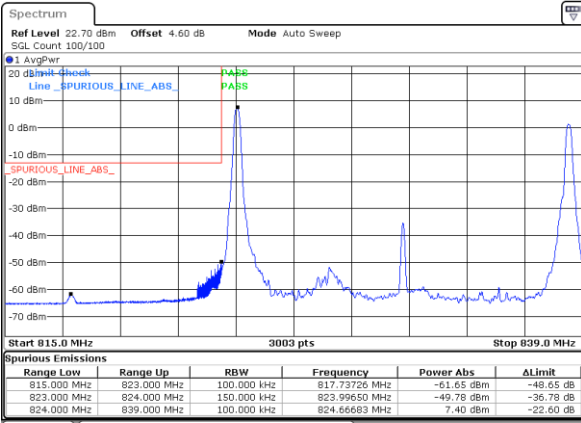


Conducted Band Edge

LTE Band 5B / 5MHz+10MHz

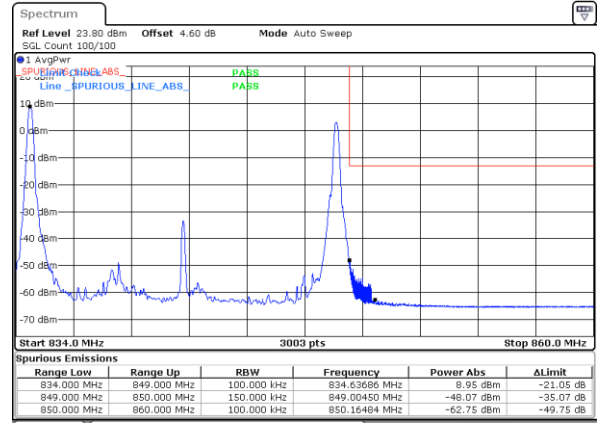
QPSK

Lowest Band Edge / 1RB0 and 1RB49



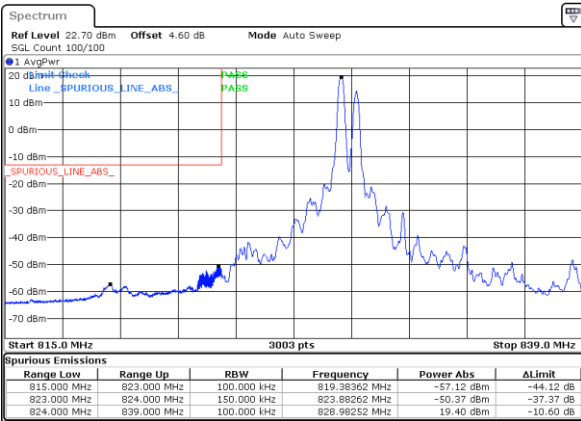
Date: 4 JUL 2020 15:57:32

Highest Band Edge / 1RB0 and 1RB49



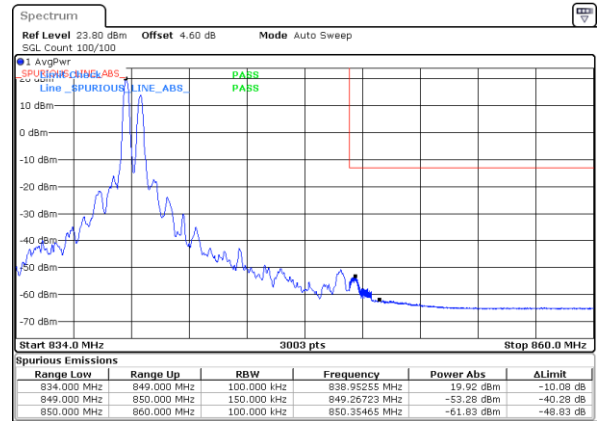
Date: 4 JUL 2020 15:45:01

Lowest Band Edge / 1RB24 and 1RB0



Date: 4 JUL 2020 16:01:23

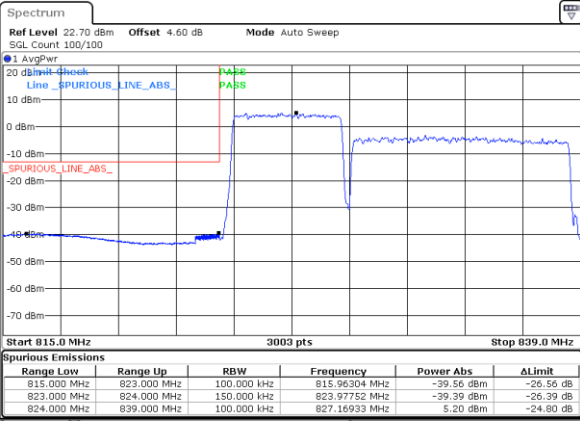
Highest Band Edge / 1RB24 and 1RB0



Date: 4 JUL 2020 15:45:44

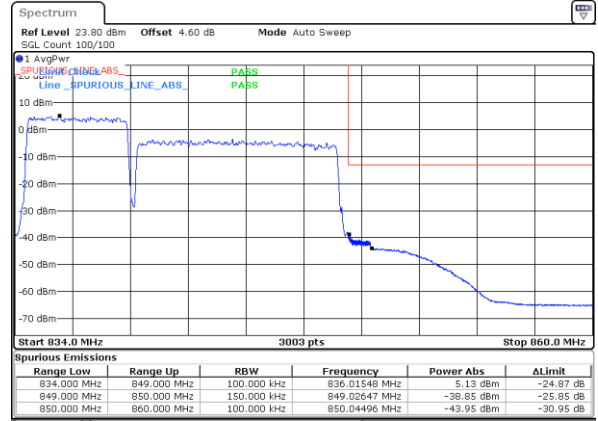


Lowest Band Edge / Full RB



Date: 4 JUL 2020 15:56:42

Highest Band Edge / Full RB



Date: 4 JUL 2020 15:40:25

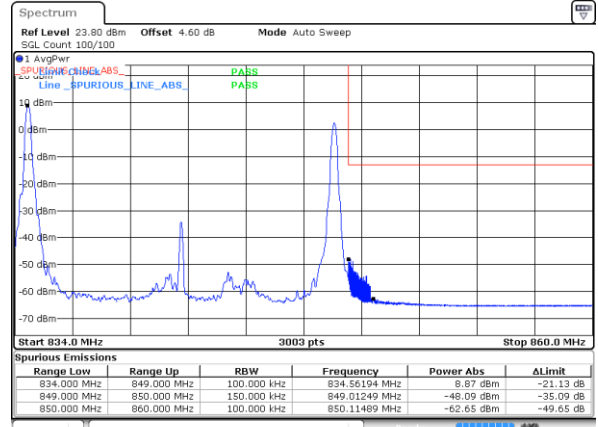
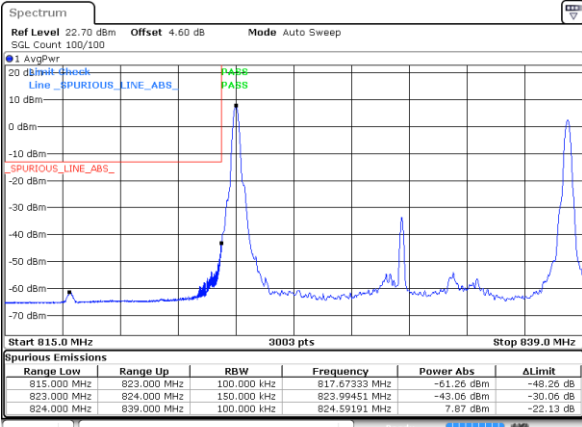


LTE Band 5B / 10MHz+5MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB24

Highest Band Edge / 1RB0 and 1RB24

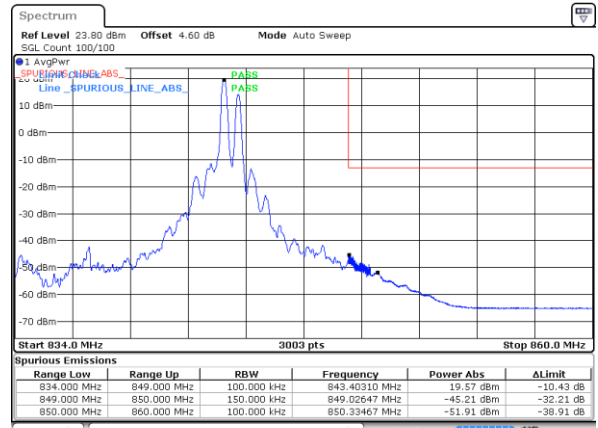
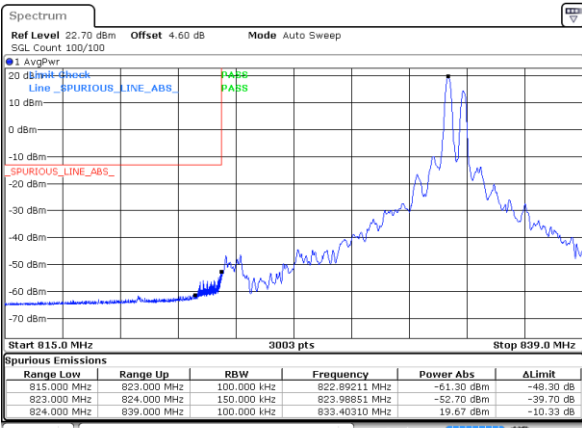


Date: 4 JUL 2020 16:30:38

Date: 4 JUL 2020 16:41:28

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

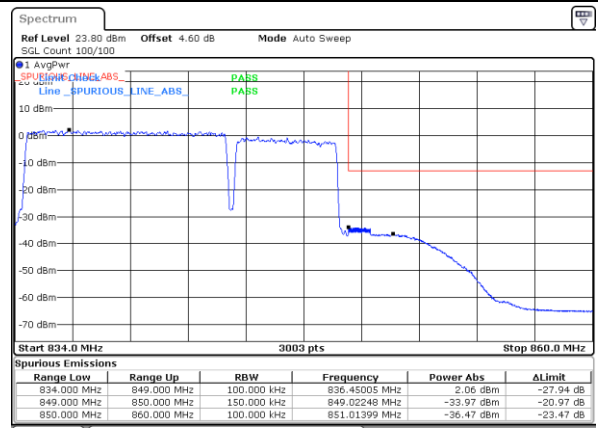
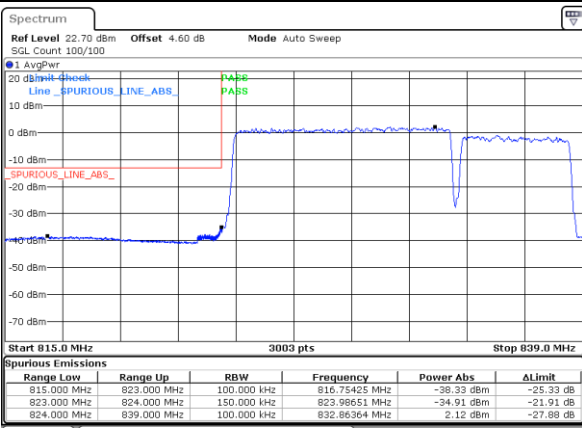


Date: 4 JUL 2020 16:31:23

Date: 4 JUL 2020 16:58:40

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 4 JUL 2020 16:26:09

Date: 4 JUL 2020 16:40:35

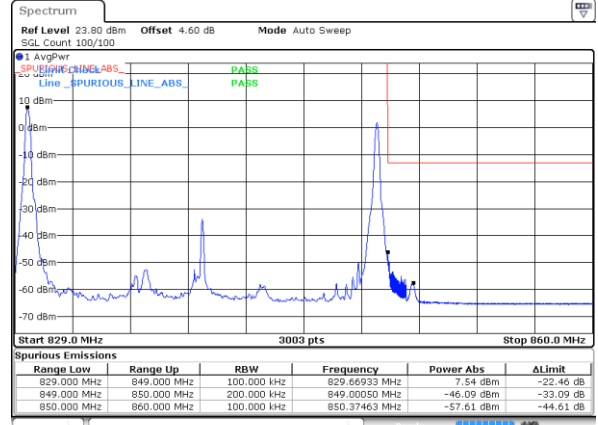
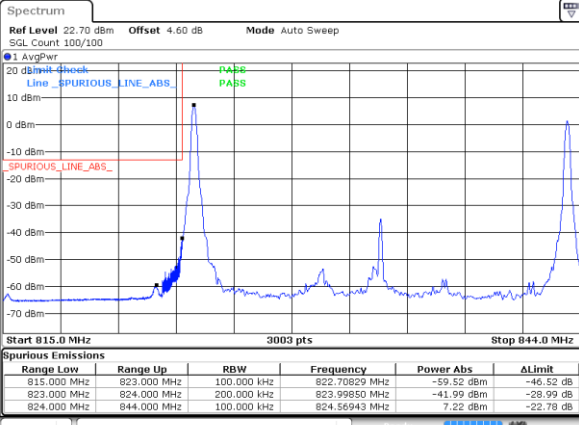


LTE Band 5B / 10MHz+10MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

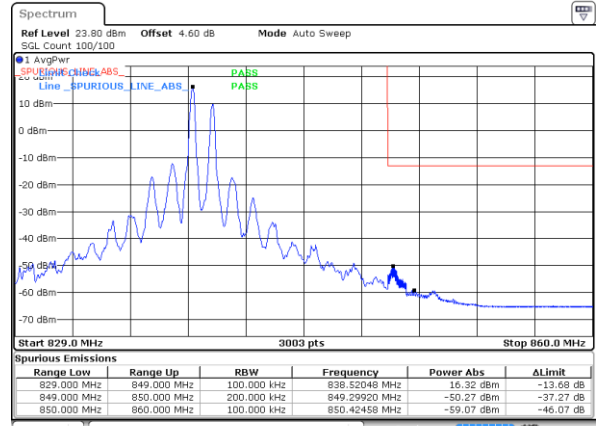
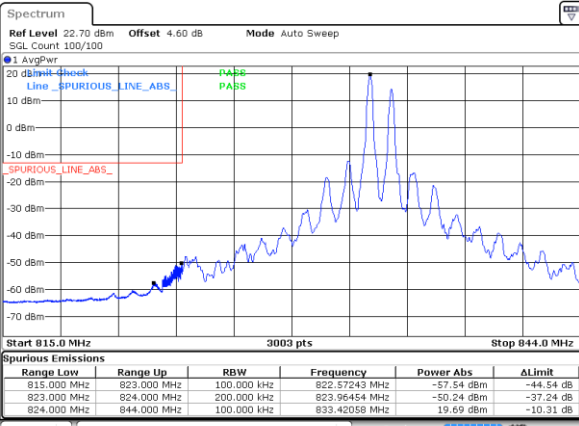


Date: 4 JUL 2020 17:09:00

Date: 4 JUL 2020 17:23:47

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

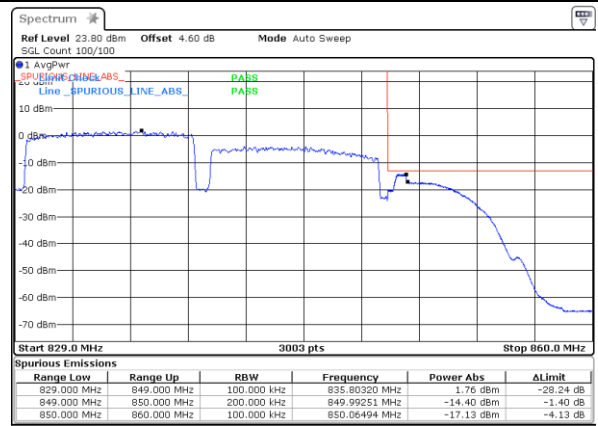
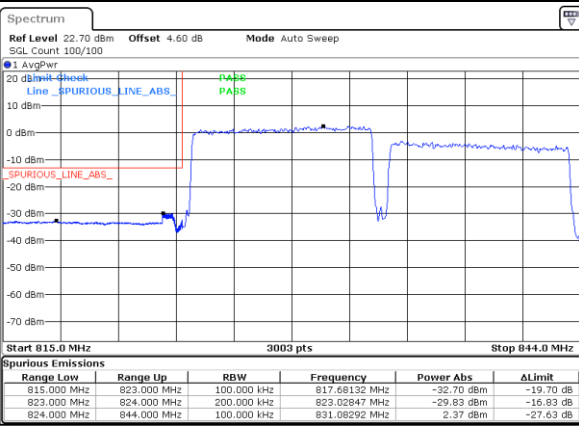


Date: 4 JUL 2020 17:09:40

Date: 4 JUL 2020 17:28:08

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 4 JUL 2020 17:03:20

Date: 4 JUL 2020 17:22:50

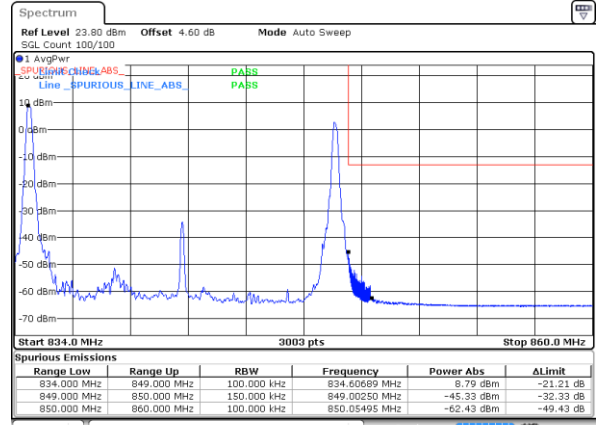
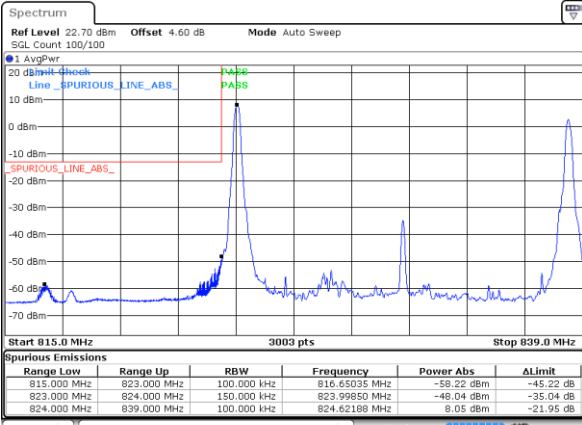


LTE Band 5B / 5MHz+10MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

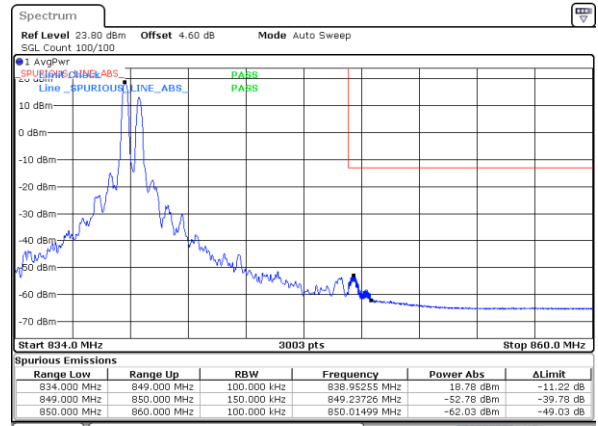
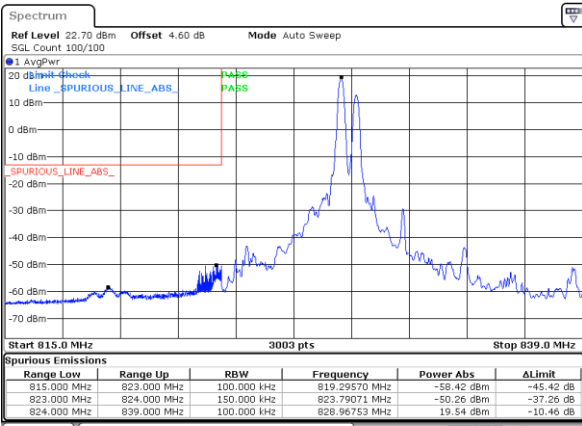


Date: 4 JUL 2020 15:58:11

Date: 4 JUL 2020 15:44:12

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0

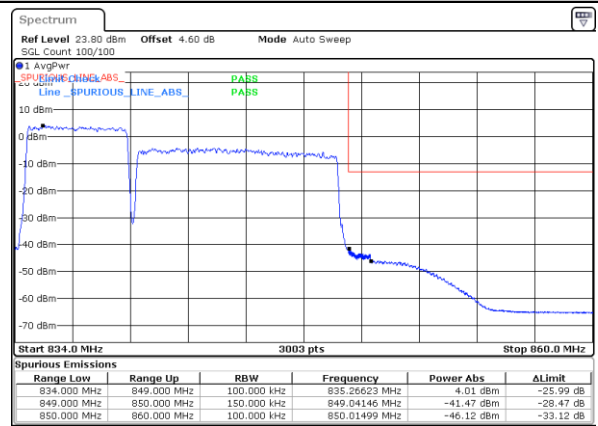
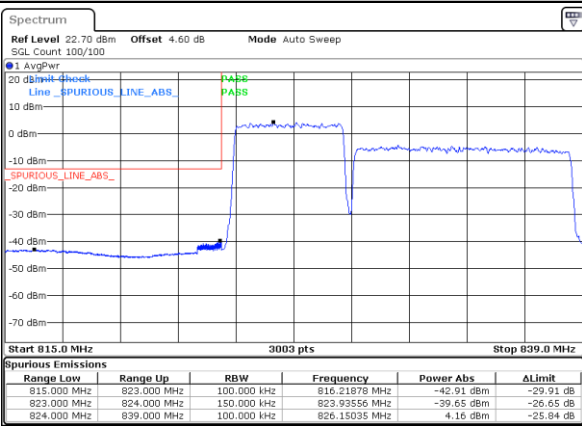


Date: 4 JUL 2020 16:00:27

Date: 4 JUL 2020 15:47:07

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 4 JUL 2020 15:55:14

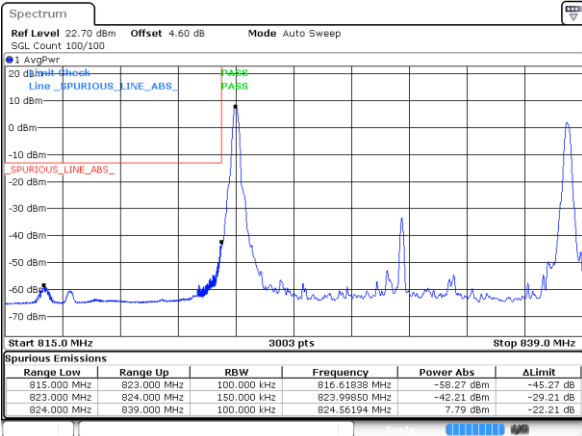
Date: 4 JUL 2020 15:41:38



LTE Band 5B / 10MHz+5MHz

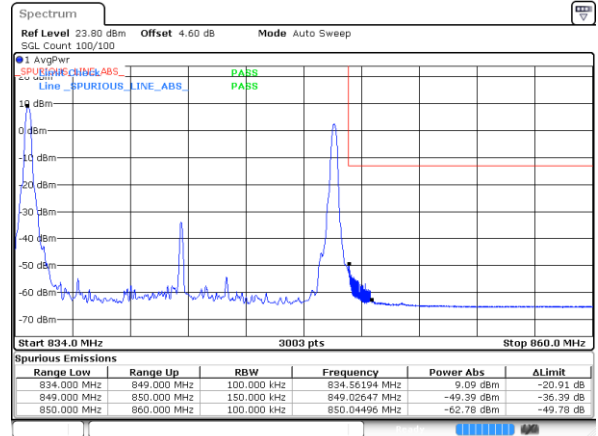
16QAM

Lowest Band Edge / 1RB0 and 1RB24



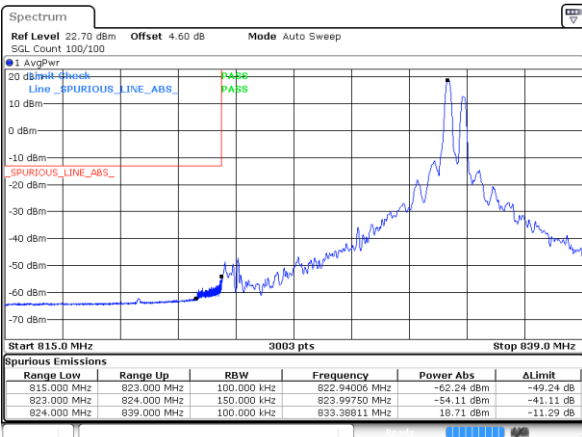
Date: 4 JUL 2020 16:30:00

Highest Band Edge / 1RB0 and 1RB24



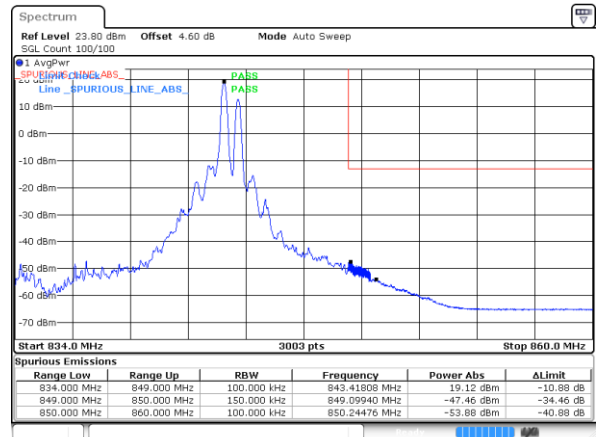
Date: 4 JUL 2020 16:42:28

Lowest Band Edge / 1RB49 and 1RB0



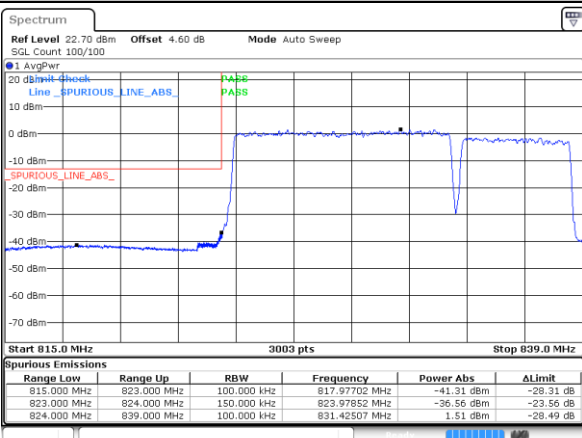
Date: 4 JUL 2020 16:32:23

Highest Band Edge / 1RB49 and 1RB0



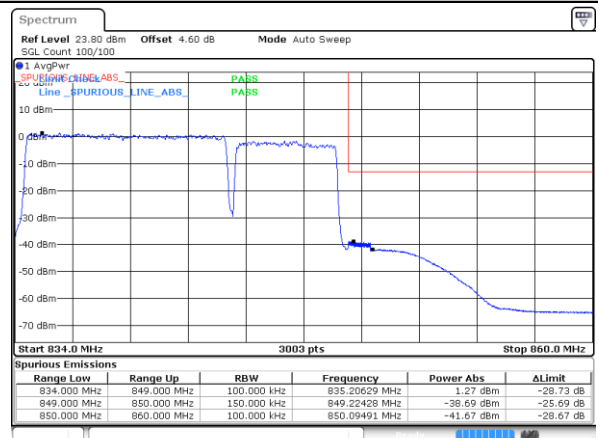
Date: 4 JUL 2020 16:57:35

Lowest Band Edge / Full RB



Date: 4 JUL 2020 16:27:10

Highest Band Edge / Full RB



Date: 4 JUL 2020 16:39:24

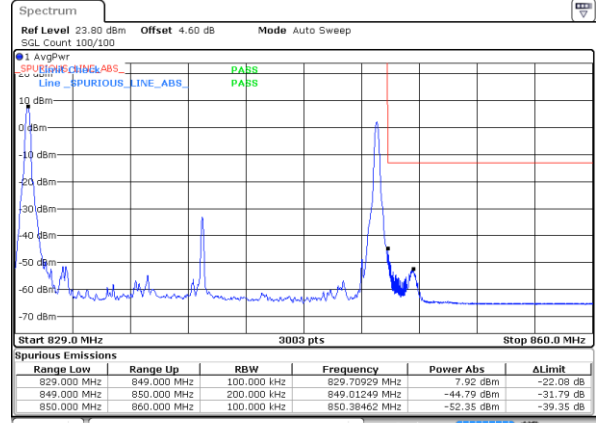
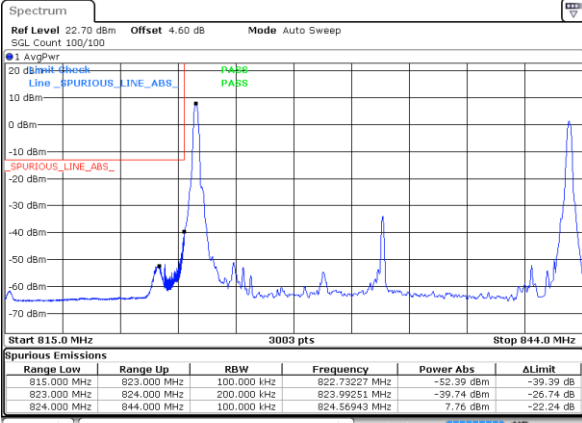


LTE Band 5B / 10MHz+10MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

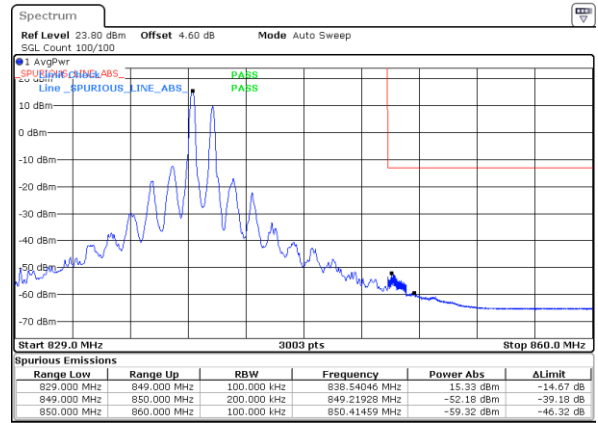
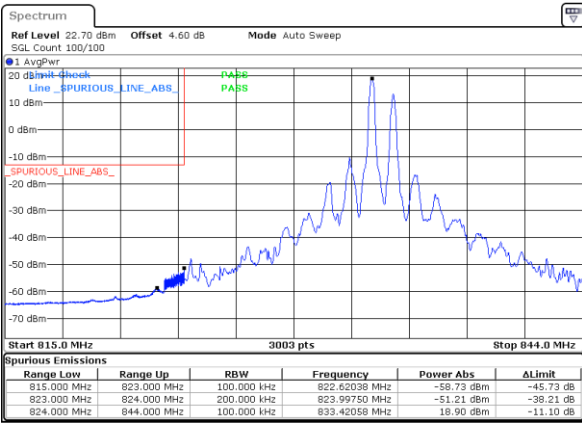


Date: 4 JUL 2020 17:06:24

Date: 4 JUL 2020 17:24:32

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

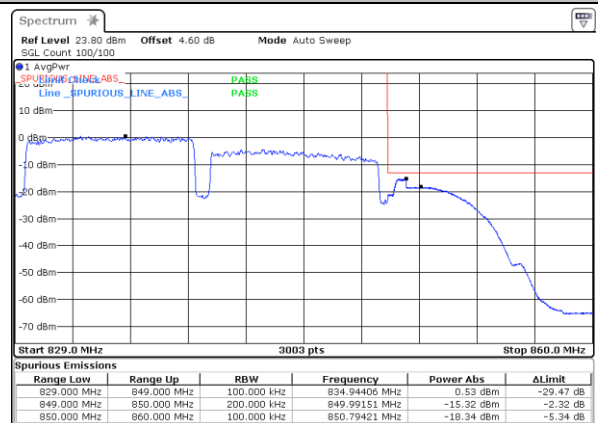
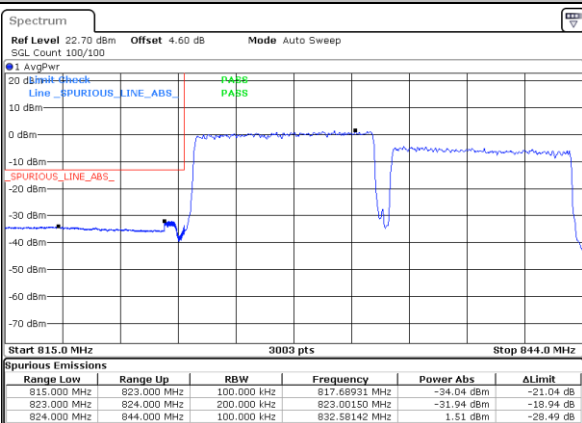


Date: 4 JUL 2020 17:10:41

Date: 4 JUL 2020 17:27:02

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 4 JUL 2020 17:04:28

Date: 4 JUL 2020 17:21:25