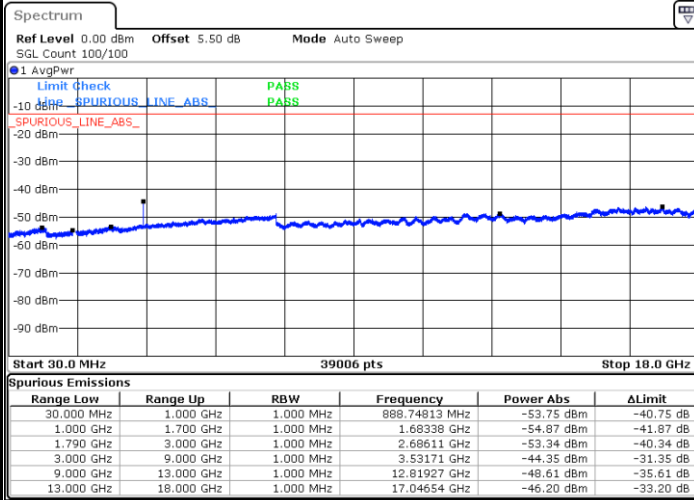




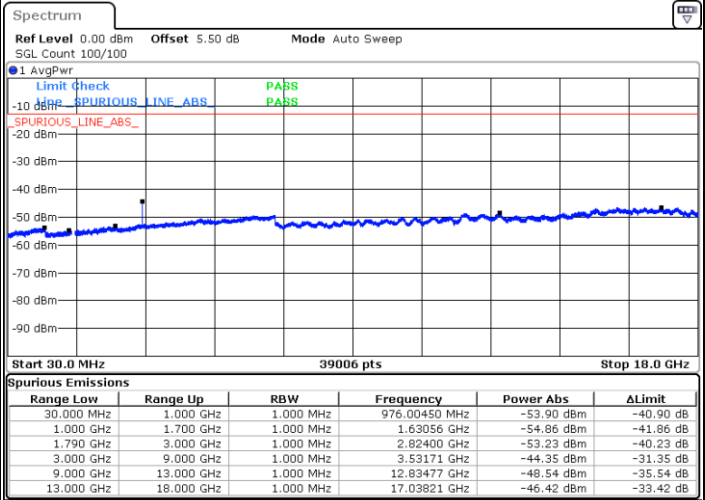
LTE Band 66 / 15MHz

Highest Channel / QPSK



Date: 13 JUN 2020 02:13:47

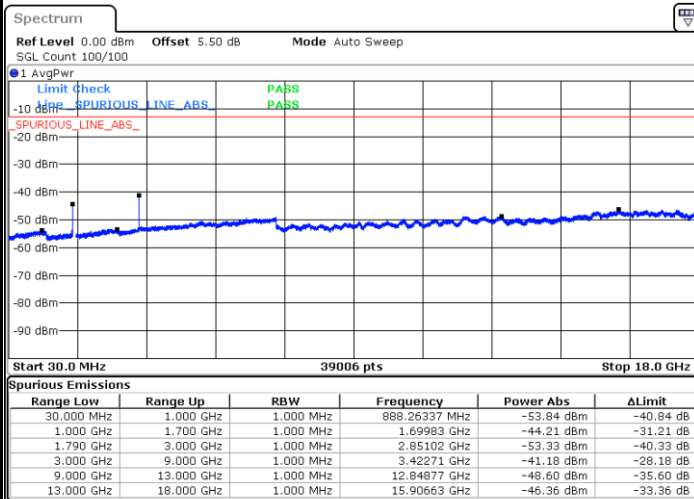
Highest Channel / 16QAM



Date: 13 JUN 2020 02:13:04

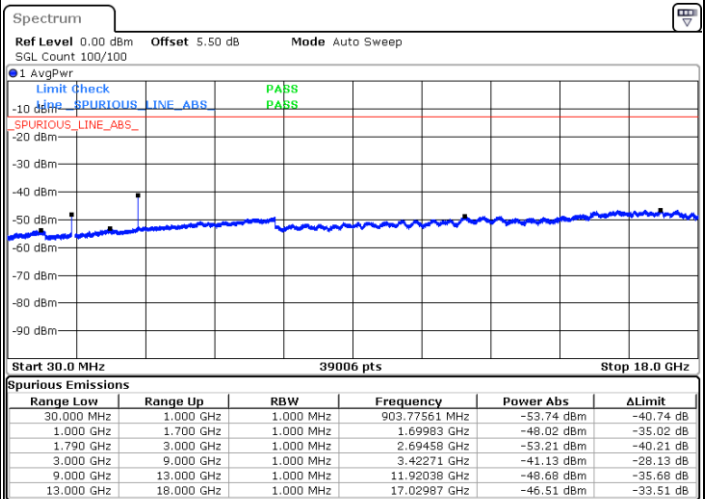
LTE Band 66 / 20MHz

Lowest Channel / QPSK



Date: 13 JUN 2020 02:24:27

Lowest Channel / 16QAM

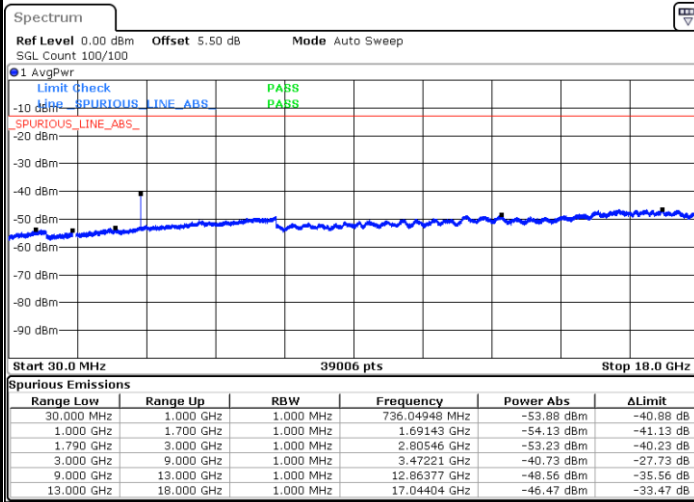


Date: 13 JUN 2020 02:23:27



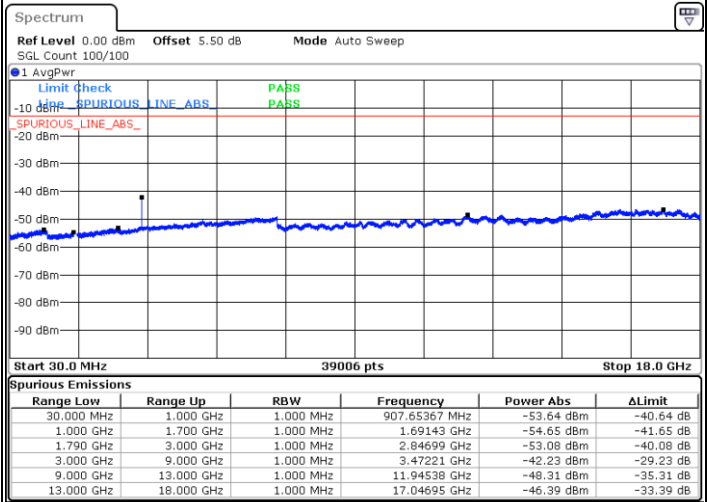
LTE Band 66 / 20MHz

Middle Channel / QPSK



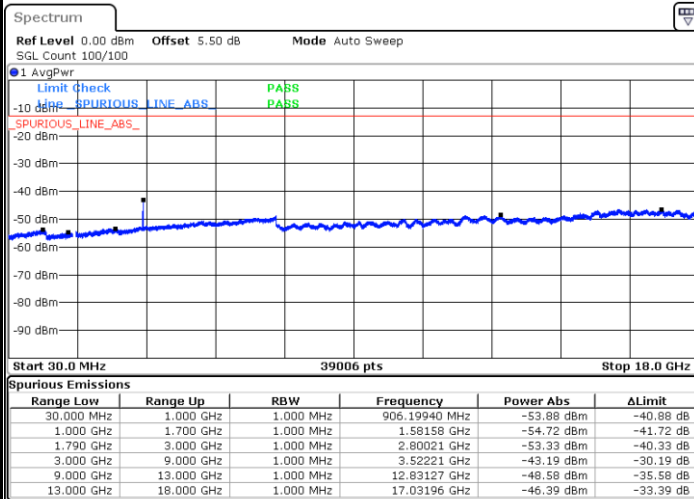
Date: 13 JUN 2020 02:25:33

Middle Channel / 16QAM



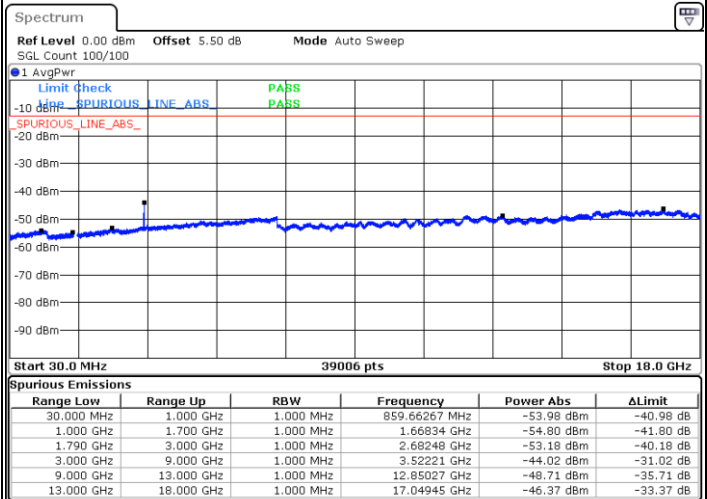
Date: 13 JUN 2020 02:26:28

Highest Channel / QPSK



Date: 13 JUN 2020 02:33:44

Highest Channel / 16QAM

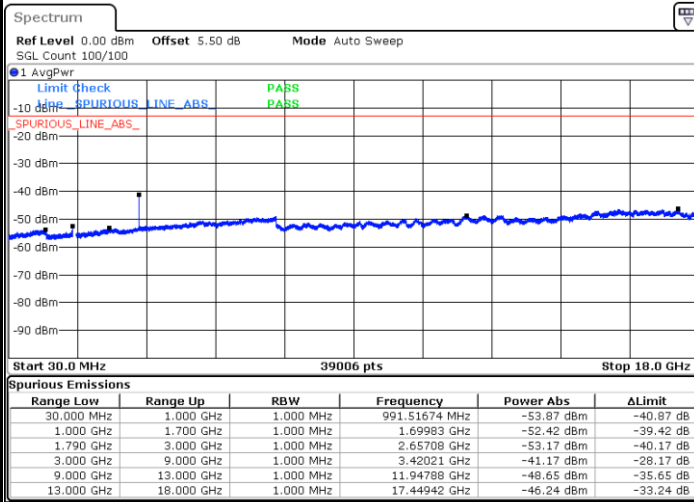


Date: 13 JUN 2020 02:34:36



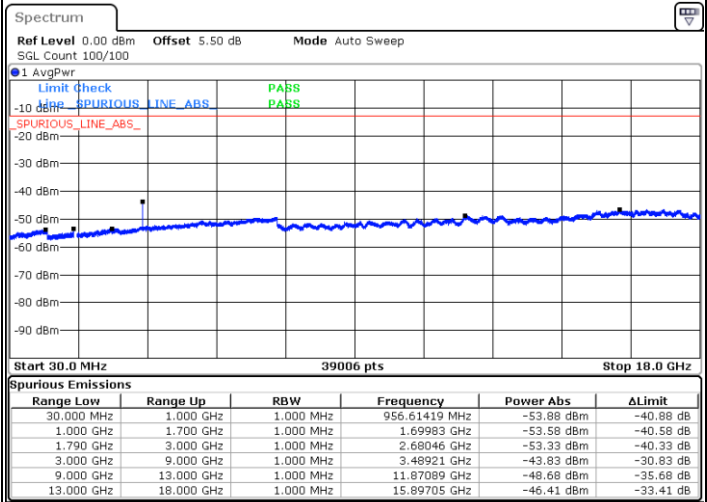
LTE Band 66 / 1.4MHz

Lowest Channel / 64QAM



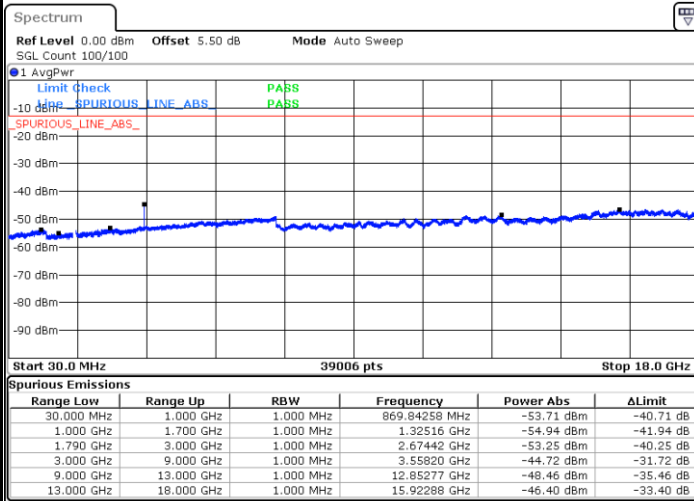
Date: 12 JUN 2020 23:47:35

Middle Channel / 64QAM



Date: 12 JUN 2020 23:57:00

Highest Channel / 64QAM

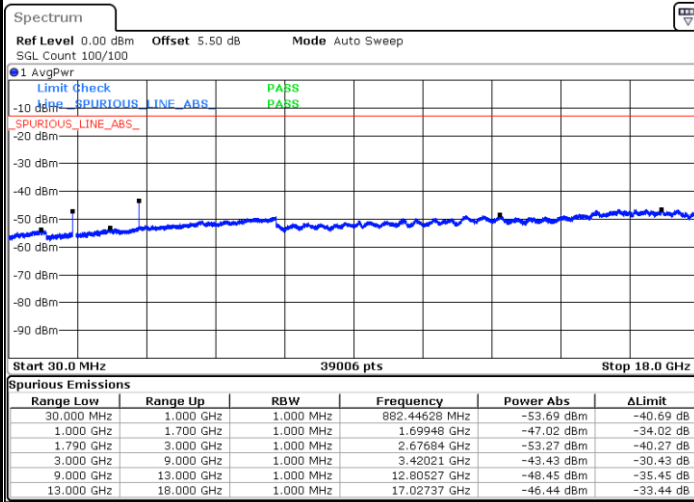


Date: 13 JUN 2020 00:08:48



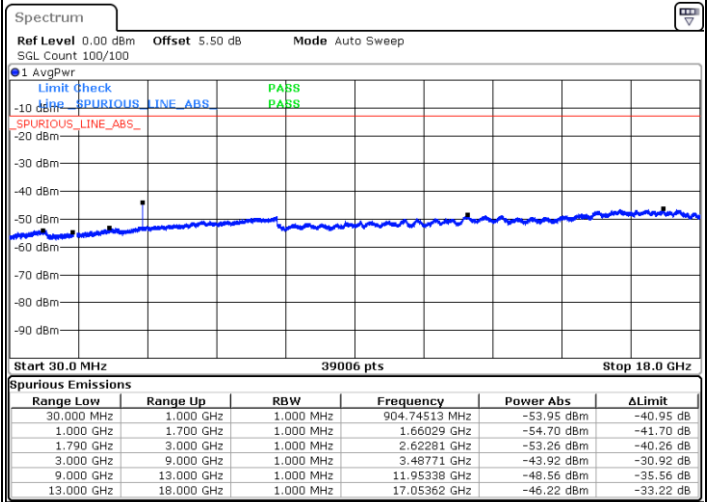
LTE Band 66 / 3MHz

Lowest Channel / 64QAM



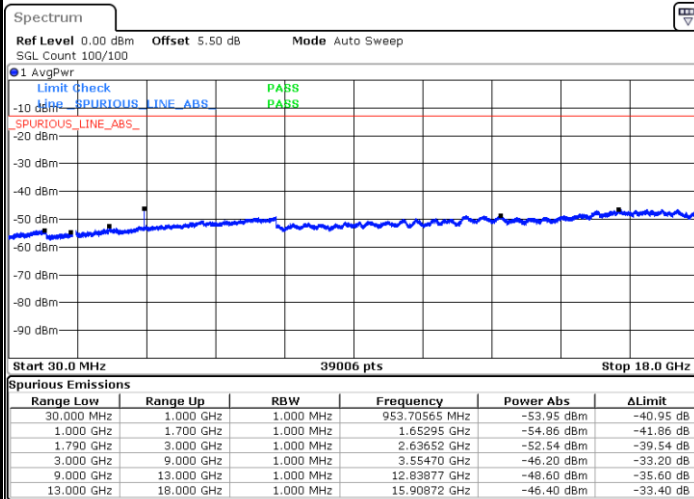
Date: 13 JUN 2020 00:21:04

Middle Channel / 64QAM



Date: 13 JUN 2020 00:26:15

Highest Channel / 64QAM

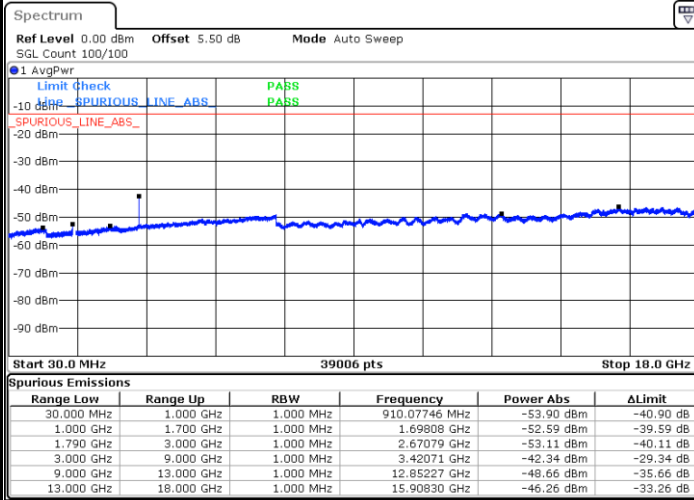


Date: 13 JUN 2020 00:35:57



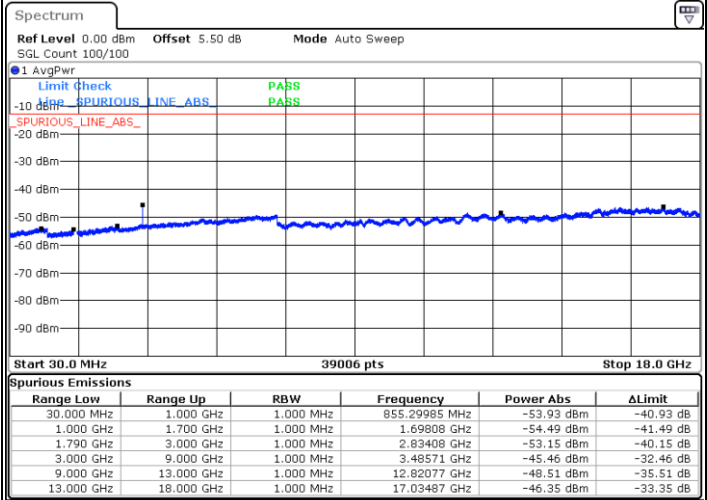
LTE Band 66 / 5MHz

Lowest Channel / 64QAM



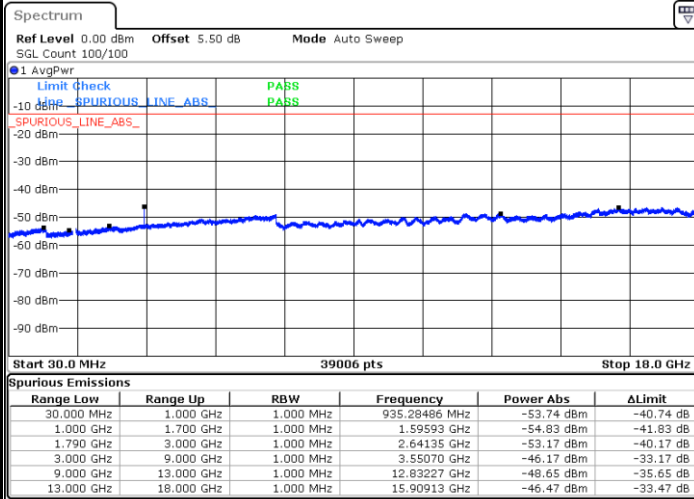
Date: 13 JUN 2020 00:43:37

Middle Channel / 64QAM



Date: 13 JUN 2020 00:44:31

Highest Channel / 64QAM

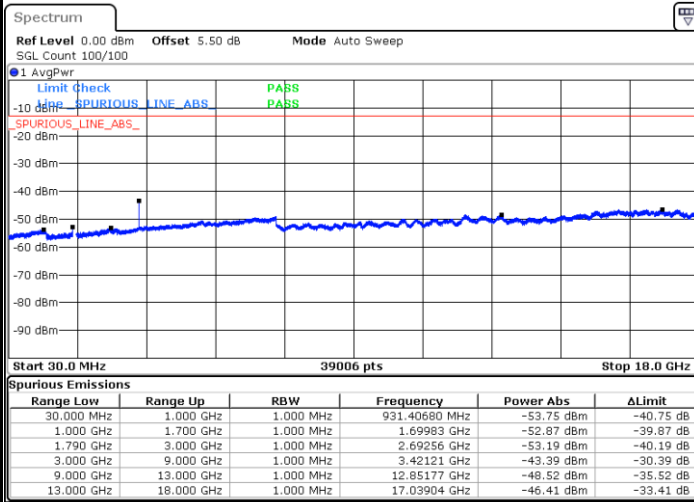


Date: 13 JUN 2020 00:52:09



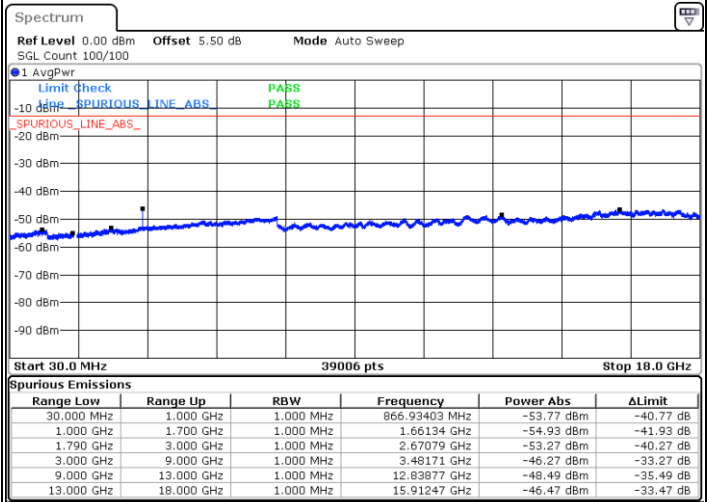
LTE Band 66 / 10MHz

Lowest Channel / 64QAM



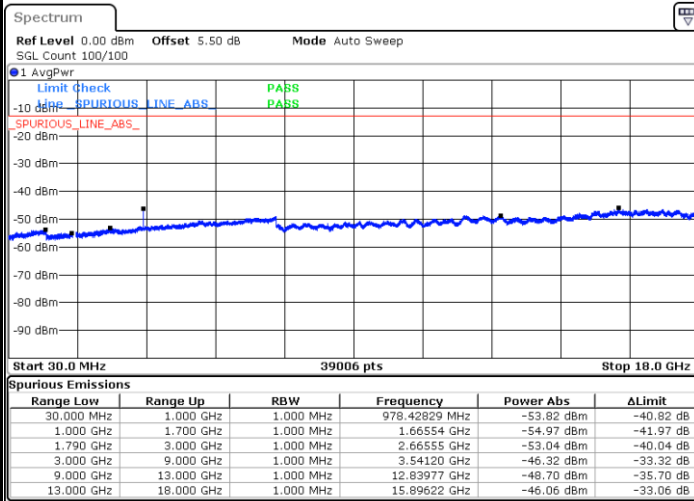
Date: 13 JUN 2020 01:11:56

Middle Channel / 64QAM



Date: 13 JUN 2020 01:50:37

Highest Channel / 64QAM

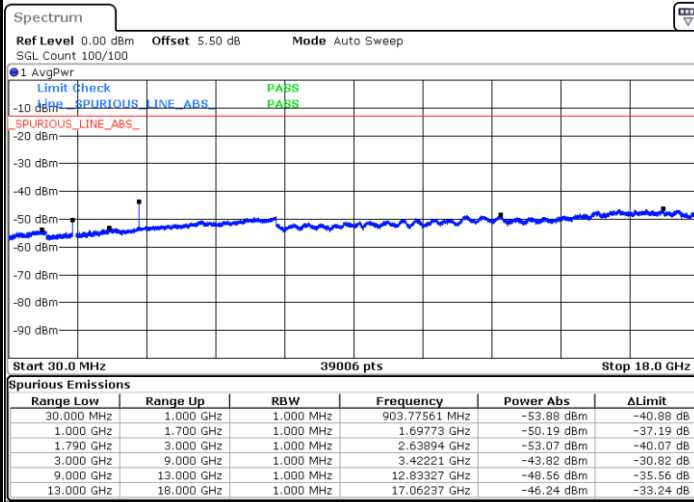


Date: 13 JUN 2020 01:59:13



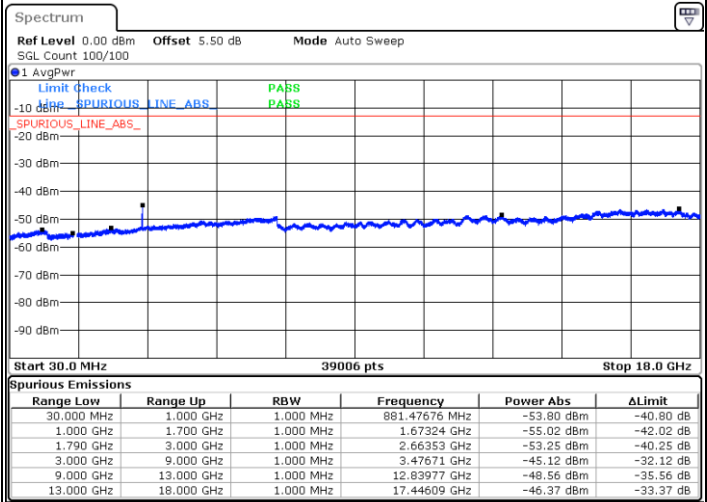
LTE Band 66 / 15MHz

Lowest Channel / 64QAM



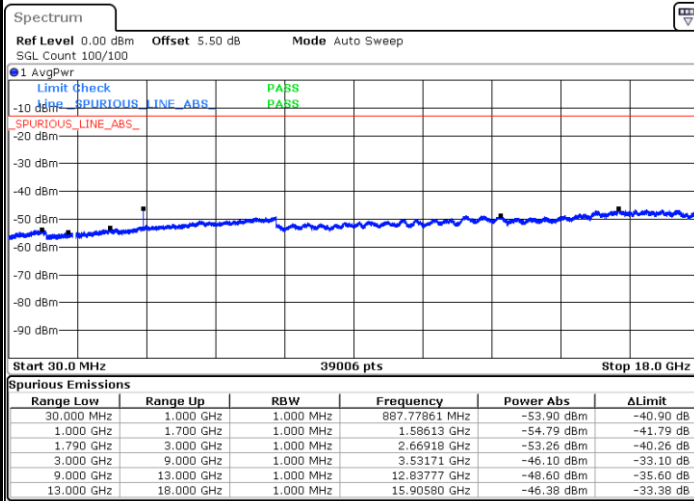
Date: 13 JUN 2020 02:04:57

Middle Channel / 64QAM



Date: 13 JUN 2020 02:05:52

Highest Channel / 64QAM

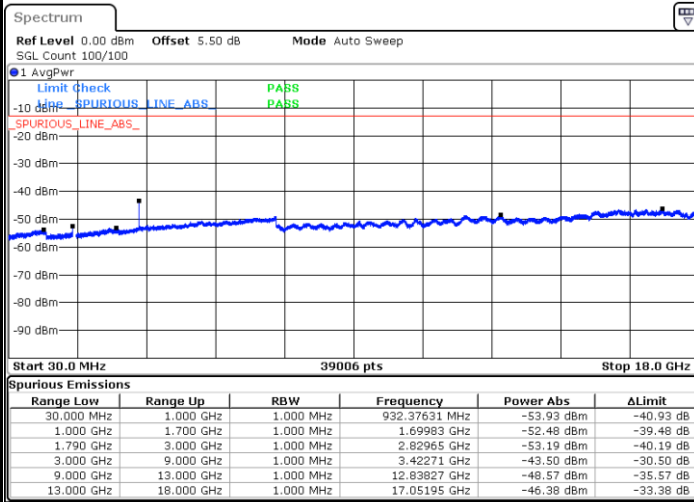


Date: 13 JUN 2020 02:12:21



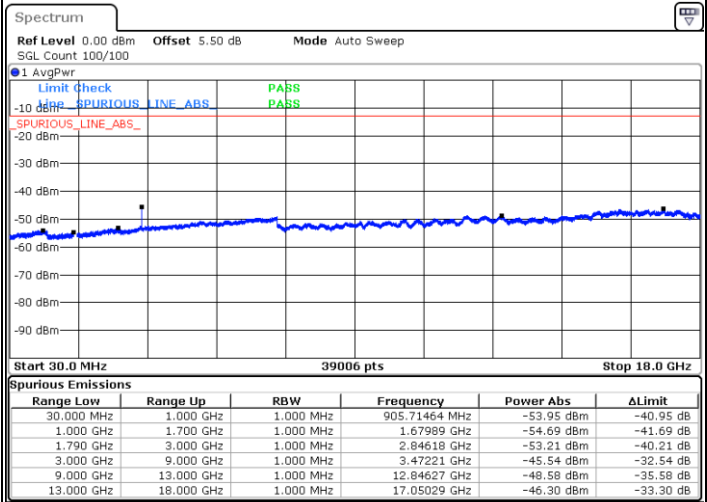
LTE Band 66 / 20MHz

Lowest Channel / 64QAM



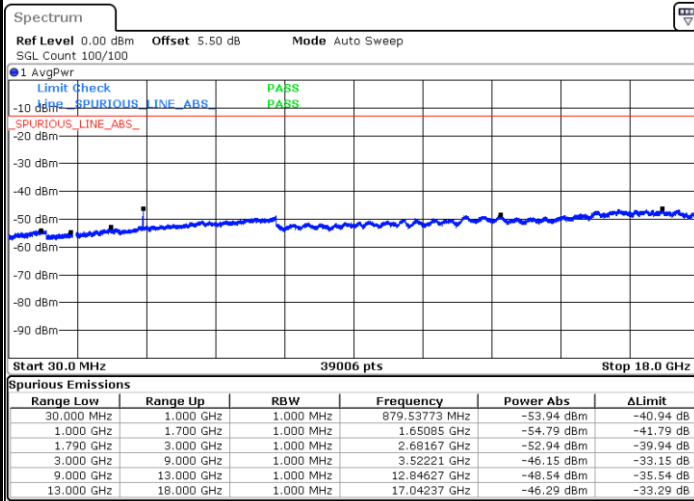
Date: 13 JUN 2020 02:22:24

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

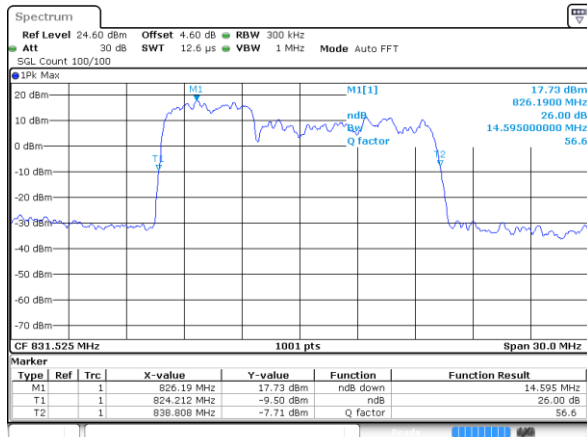
Mode	LTE Band 5B : 26dB BW(MHz)		
64QAM			
BW	10MHz+5MHz	10MHz+10MHz	5MHz+10MHz
Lowest CH	14.66	19.62	14.54
Middle CH	14.60	19.50	14.51
Highest CH	14.66	19.62	14.54



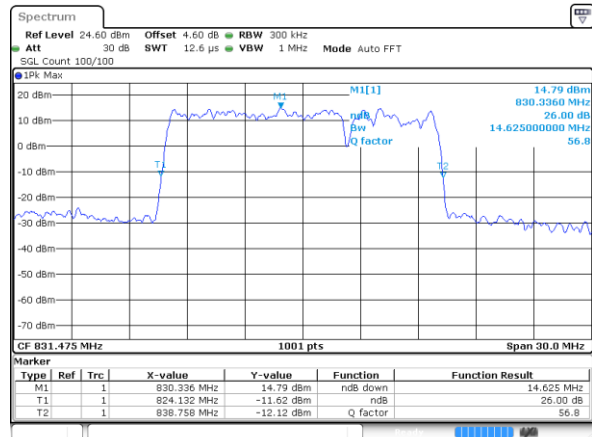
LTE Band 5B

QPSK

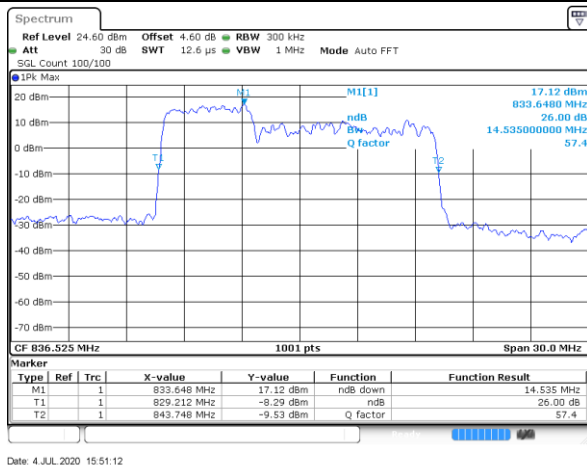
Lowest Channel / 5MHz+10MHz



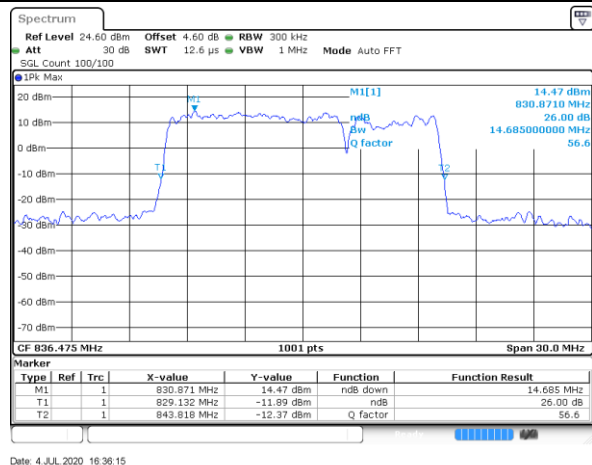
Lowest Channel / 10MHz+5MHz



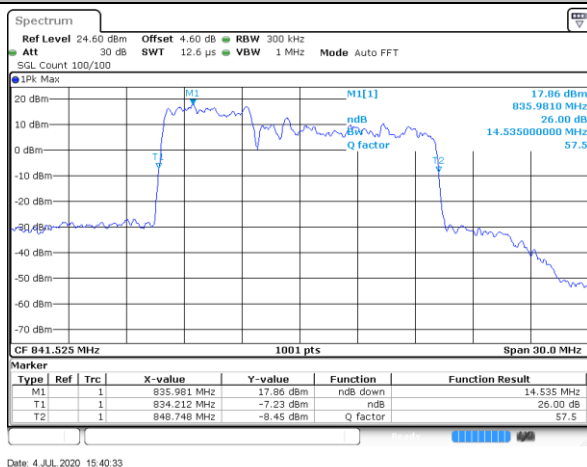
Middle Channel / 5MHz+10MHz



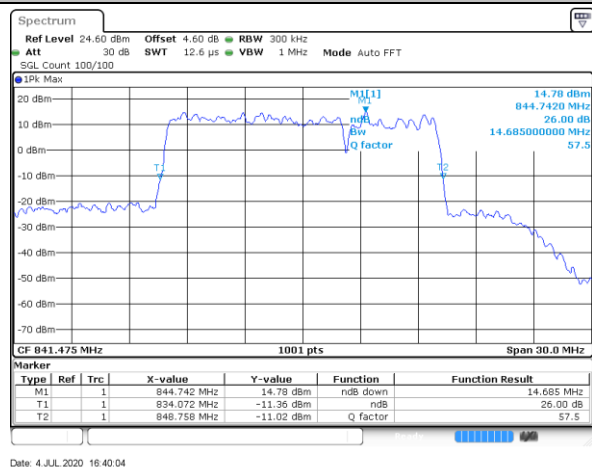
Middle Channel / 10MHz+5MHz



Highest Channel / 5MHz+10MHz



Highest Channel / 10MHz+5MHz



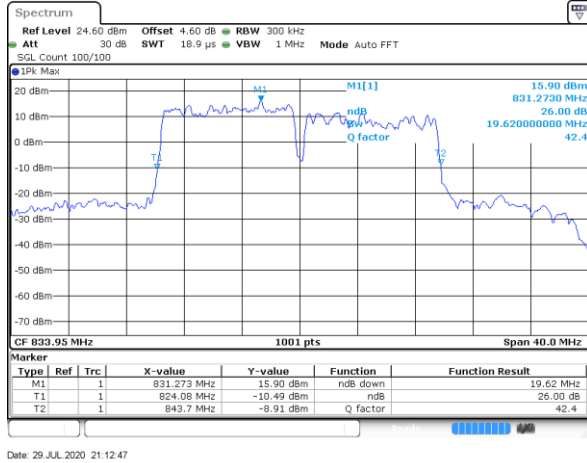


LTE Band 5B

QPSK

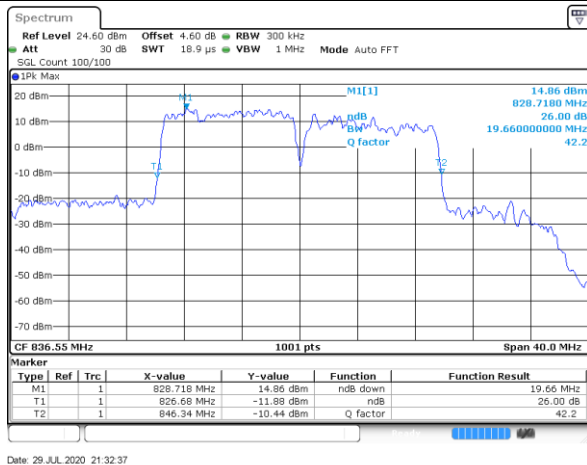
Lowest Channel / 10MHz+10MHz

N/A



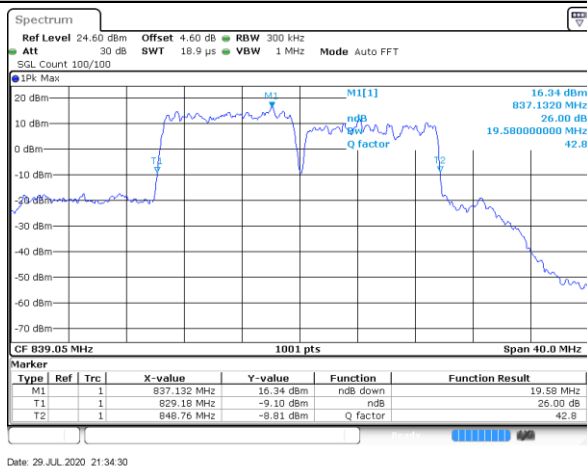
Middle Channel / 10MHz+10MHz

N/A



Highest Channel / 10MHz+10MHz

N/A

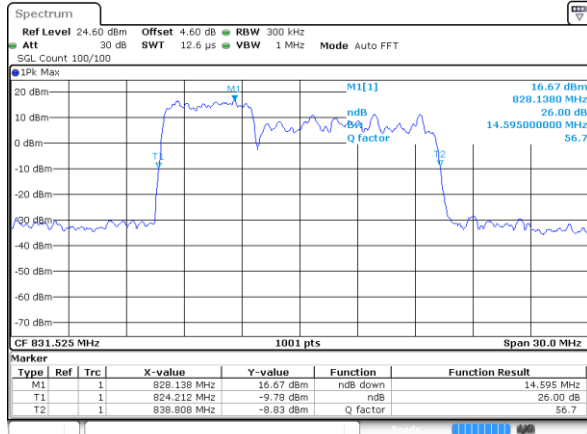




LTE Band 5B

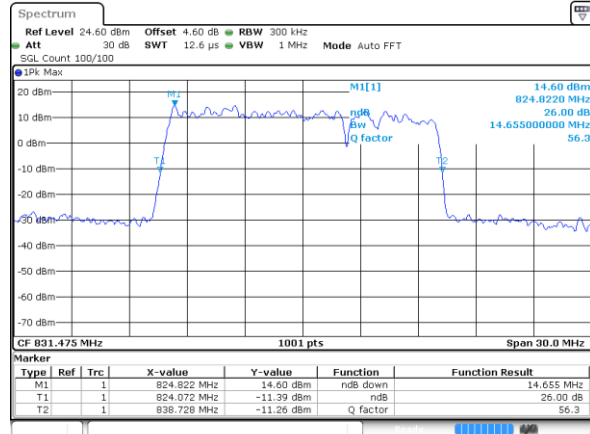
16QAM

Lowest Channel / 5MHz+10MHz



Date: 4 JUL 2020 15:54:46

Lowest Channel / 10MHz+5MHz



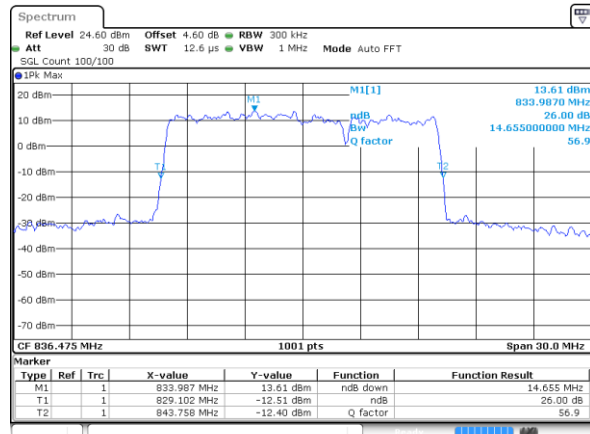
Date: 4 JUL 2020 16:26:43

Middle Channel / 5MHz+10MHz



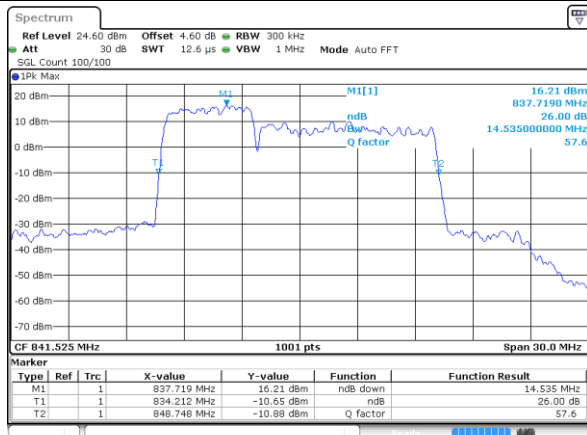
Date: 4 JUL 2020 15:51:41

Middle Channel / 10MHz+5MHz



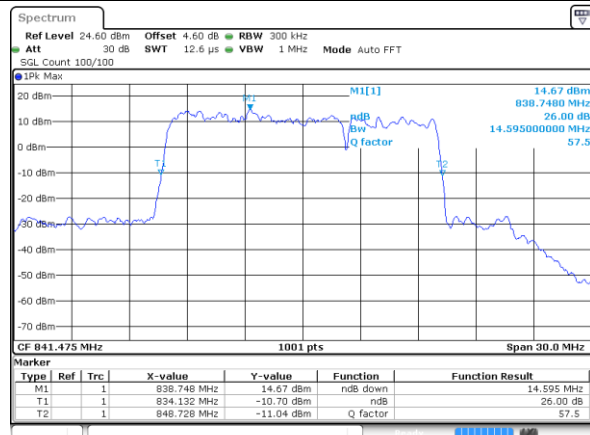
Date: 4 JUL 2020 16:36:39

Highest Channel / 5MHz+10MHz



Date: 4 JUL 2020 15:41:05

Highest Channel / 10MHz+5MHz



Date: 4 JUL 2020 16:38:52

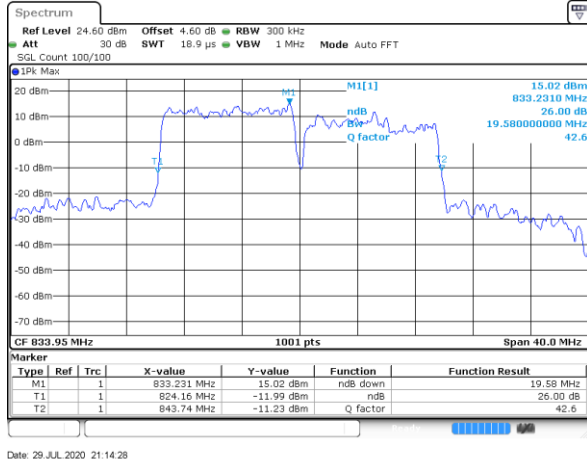


LTE Band 5B

16QAM

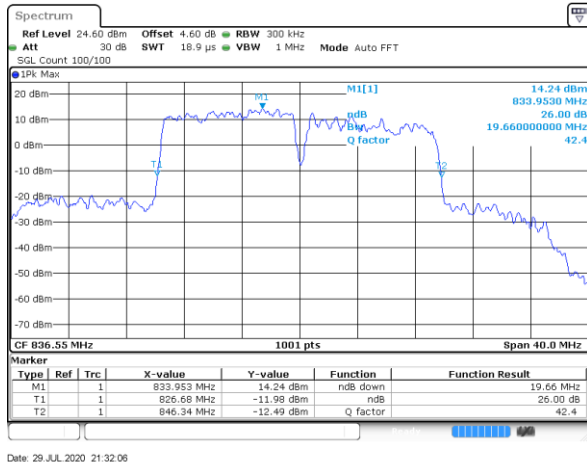
Lowest Channel / 10MHz+10MHz

N/A



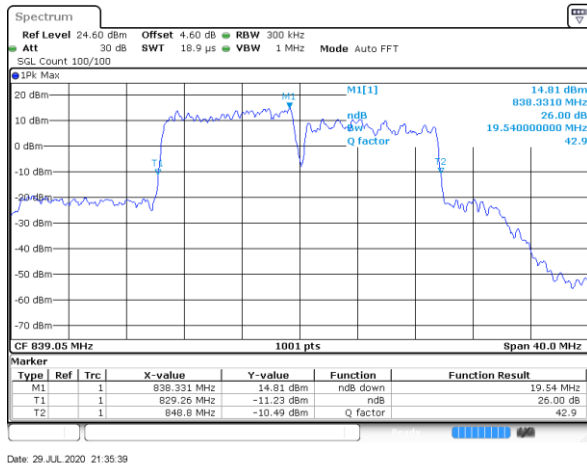
Middle Channel / 10MHz+10MHz

N/A



Highest Channel / 10MHz+10MHz

N/A

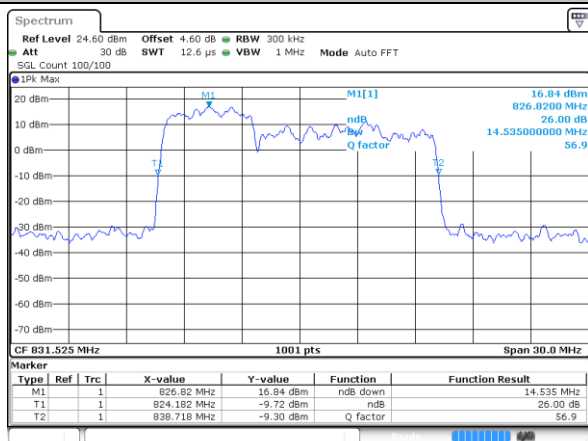




LTE Band 5B

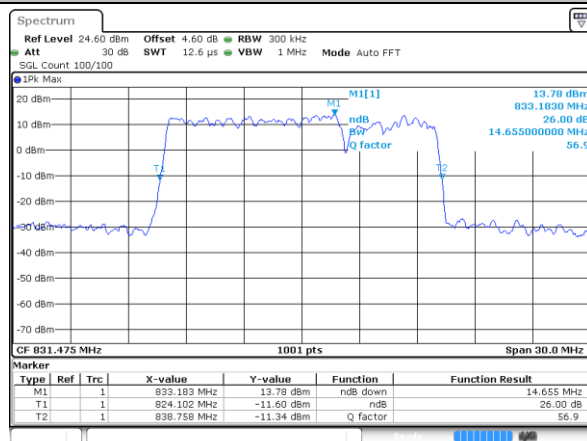
64QAM

Lowest Channel / 5MHz+10MHz



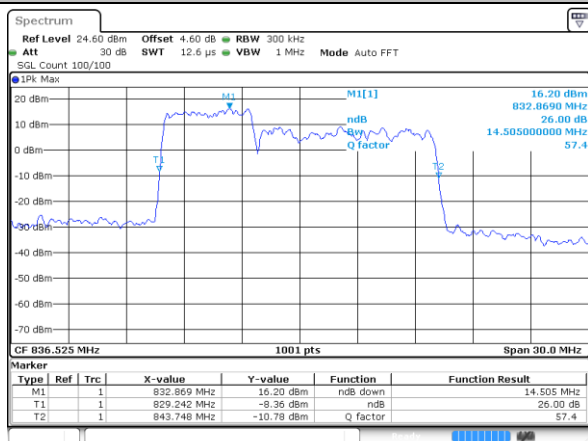
Date: 4 JUL 2020 15:53:50

Lowest Channel / 10MHz+5MHz



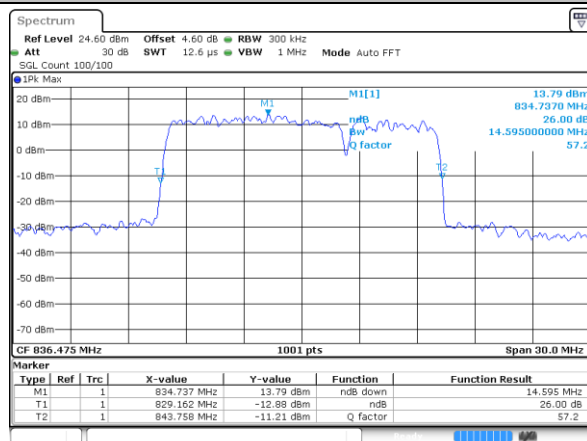
Date: 4 JUL 2020 16:27:48

Middle Channel / 5MHz+10MHz



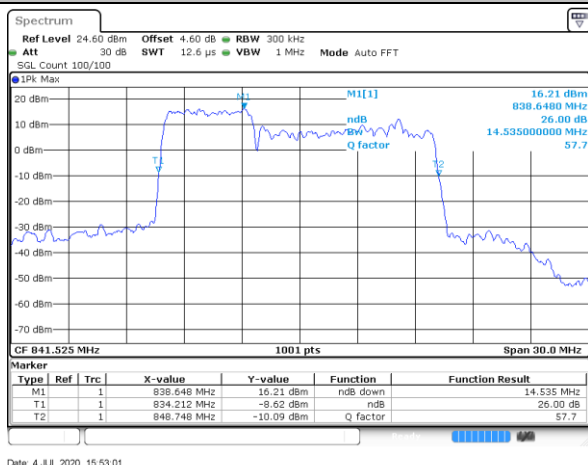
Date: 4 JUL 2020 15:52:09

Middle Channel / 10MHz+5MHz



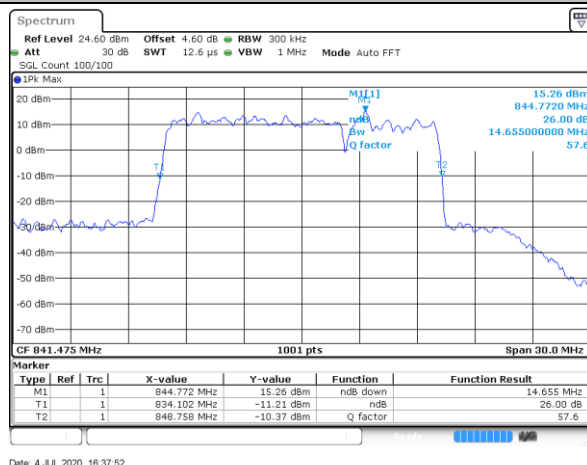
Date: 4 JUL 2020 16:37:06

Highest Channel / 5MHz+10MHz



Date: 4 JUL 2020 15:53:01

Highest Channel / 10MHz+5MHz



Date: 4 JUL 2020 16:37:52

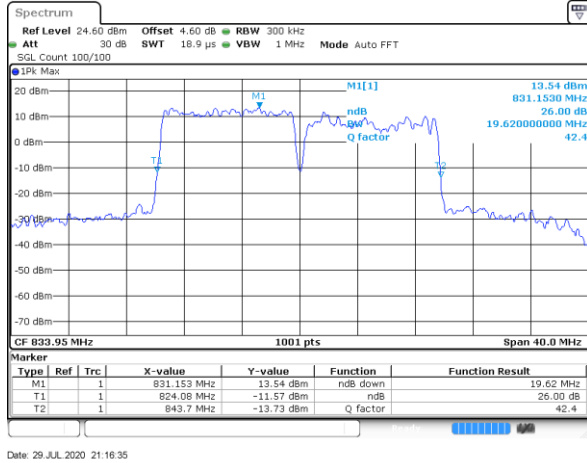


LTE Band 5B

64QAM

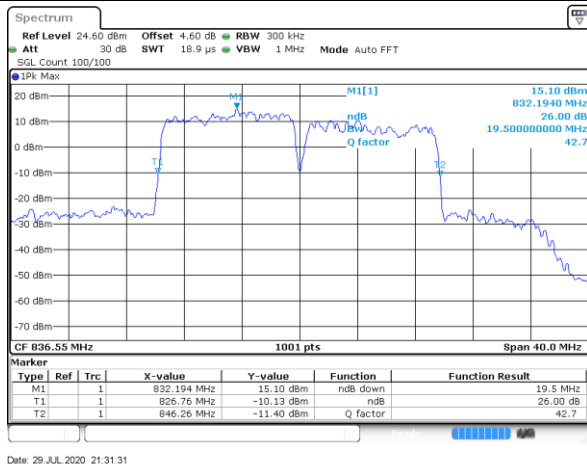
Lowest Channel / 10MHz+10MHz

N/A



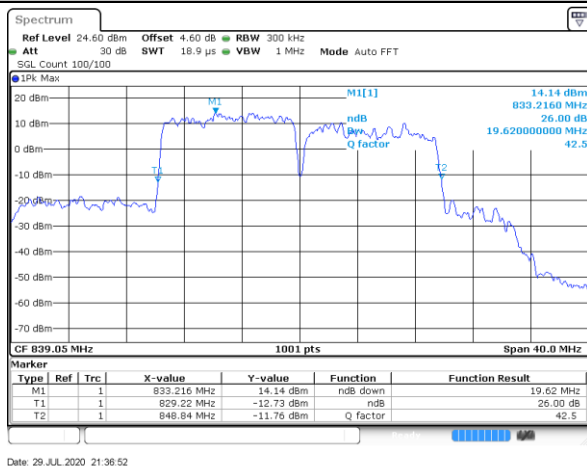
Middle Channel / 10MHz+10MHz

N/A



Highest Channel / 10MHz+10MHz

N/A



**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

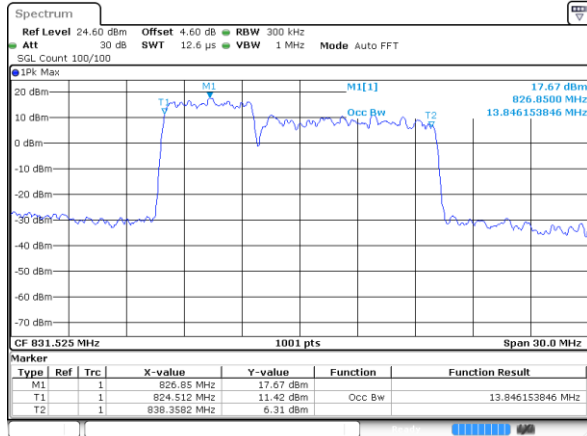
Mode	LTE Band 5B : 99%OBW(MHz)		
64QAM			
BW	10MHz+5MHz	10MHz+10MHz	5MHz+10MHz
Lowest CH	13.88	18.66	13.76
Middle CH	13.91	18.62	13.79
Highest CH	13.82	18.66	13.79



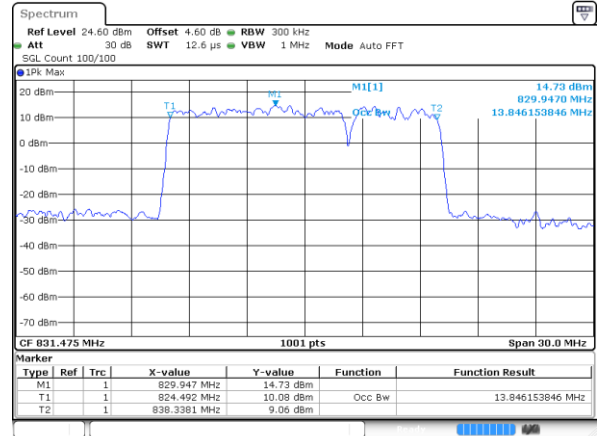
LTE Band 5B

QPSK

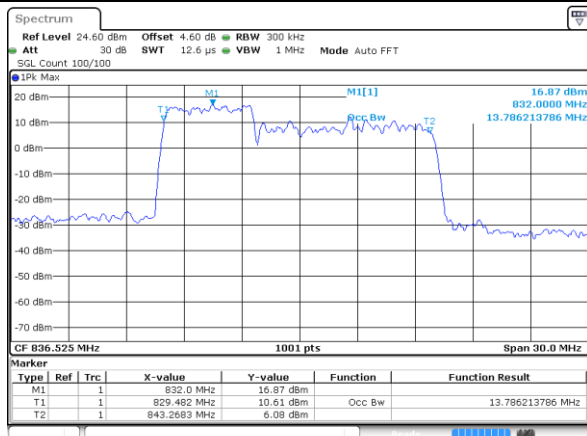
Lowest Channel / 5MHz+10MHz



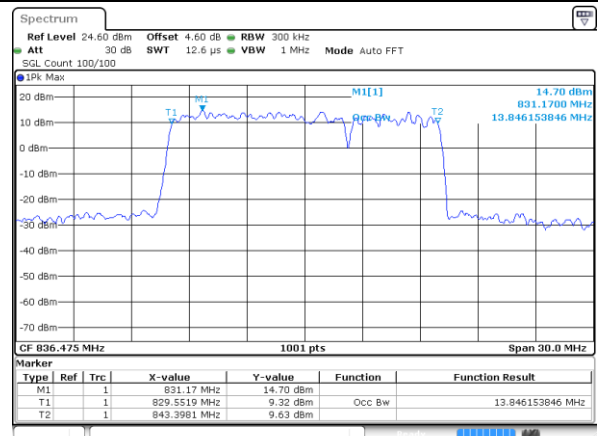
Lowest Channel / 10MHz+5MHz



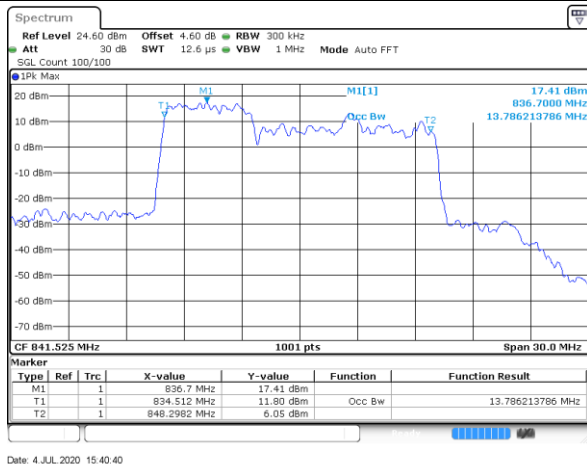
Middle Channel / 5MHz+10MHz



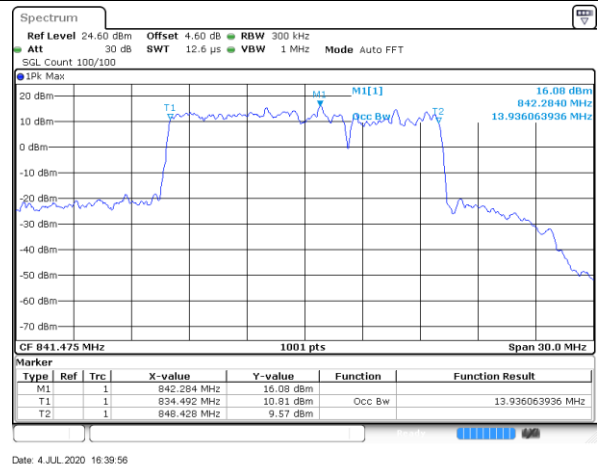
Middle Channel / 10MHz+5MHz



Highest Channel / 5MHz+10MHz



Highest Channel / 10MHz+5MHz



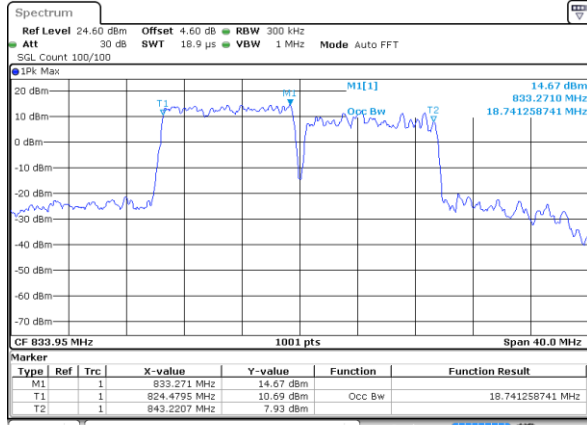


LTE Band 5B

QPSK

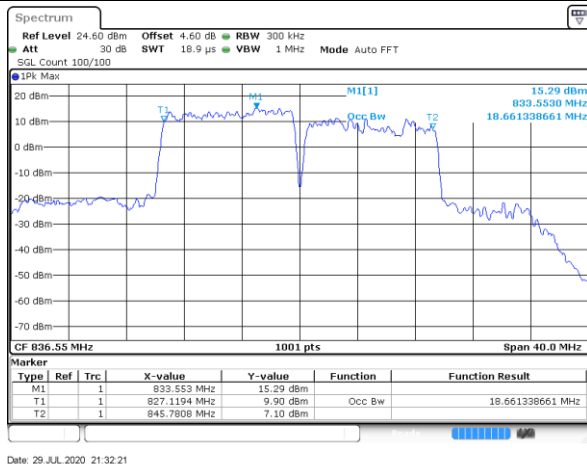
Lowest Channel / 10MHz+10MHz

N/A



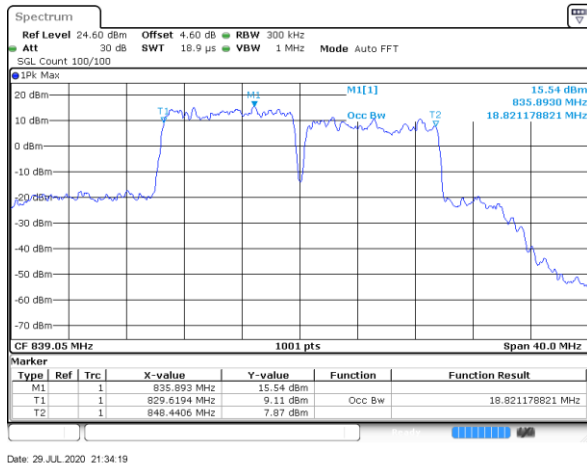
Middle Channel / 10MHz+10MHz

N/A



Highest Channel / 10MHz+10MHz

N/A

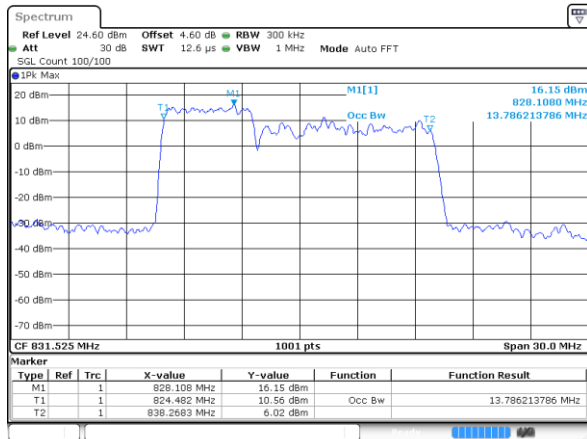




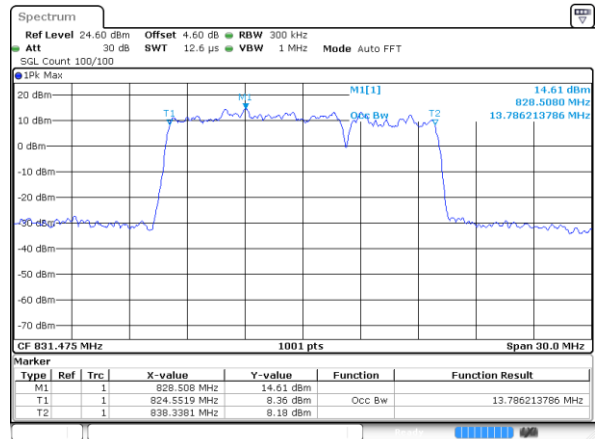
LTE Band 5B

16QAM

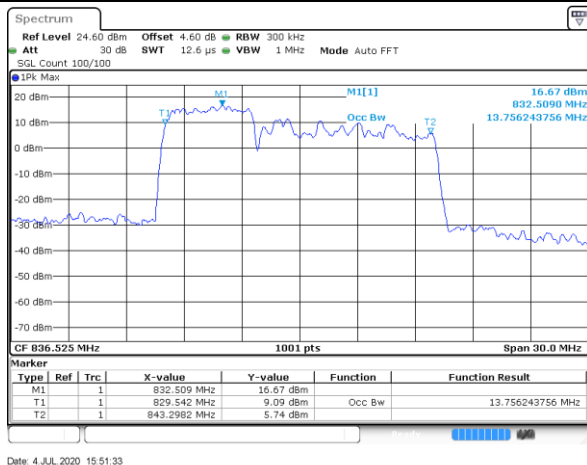
Lowest Channel / 5MHz+10MHz



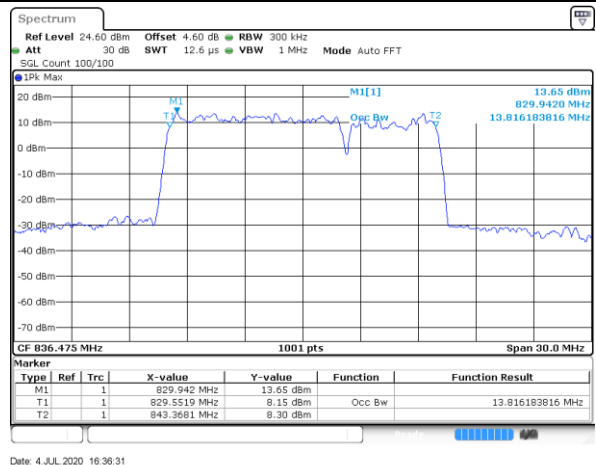
Lowest Channel / 10MHz+5MHz



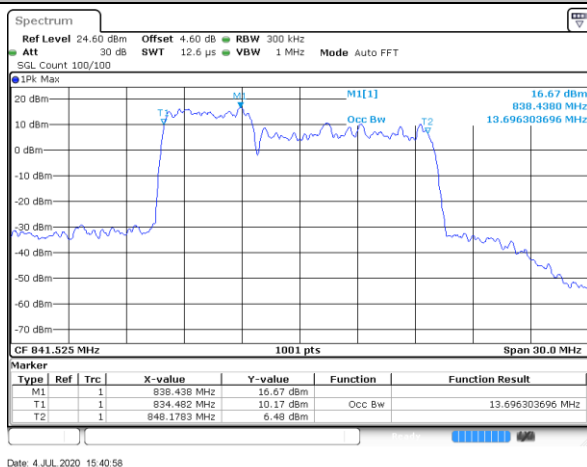
Middle Channel / 5MHz+10MHz



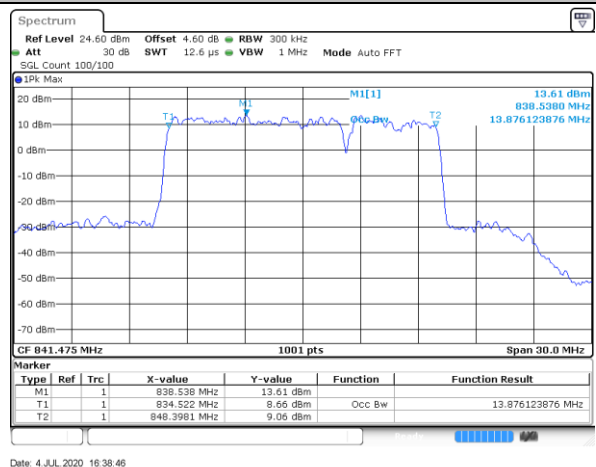
Middle Channel / 10MHz+5MHz



Highest Channel / 5MHz+10MHz



Highest Channel / 10MHz+5MHz



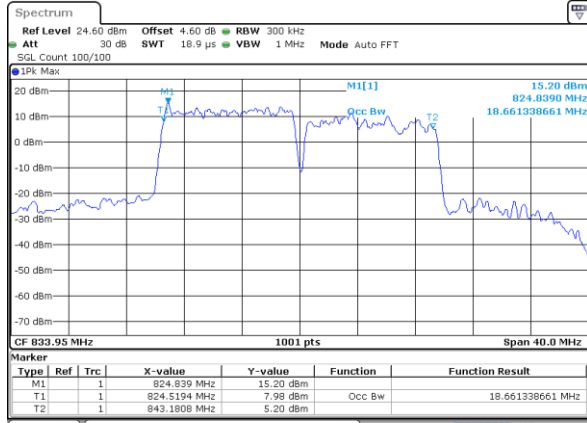


LTE Band 5B

16QAM

Lowest Channel / 10MHz+10MHz

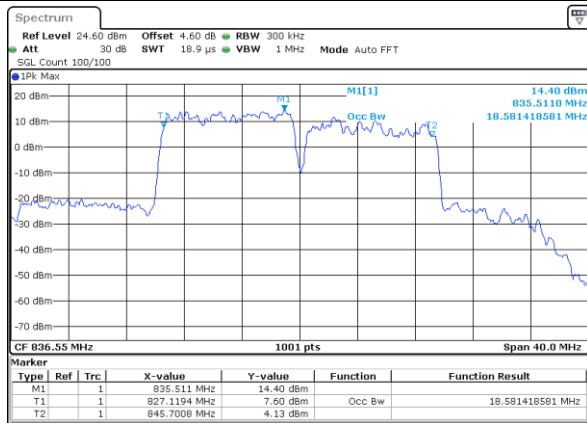
N/A



Date: 29 JUL 2020 21:14:15

Middle Channel / 10MHz+10MHz

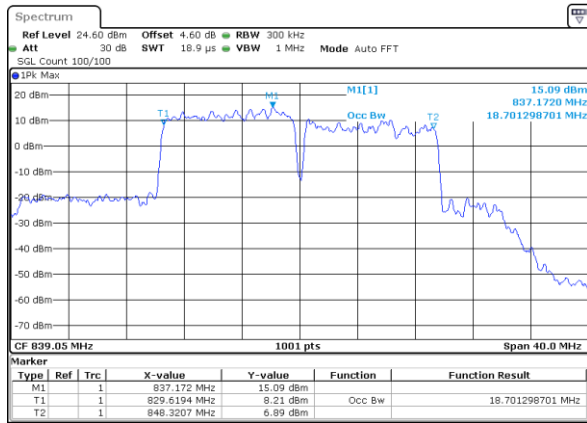
N/A



Date: 29 JUL 2020 21:31:48

Highest Channel / 10MHz+10MHz

N/A



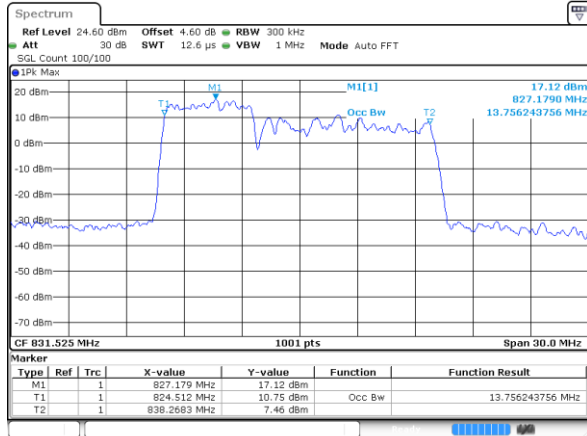
Date: 29 JUL 2020 21:35:29



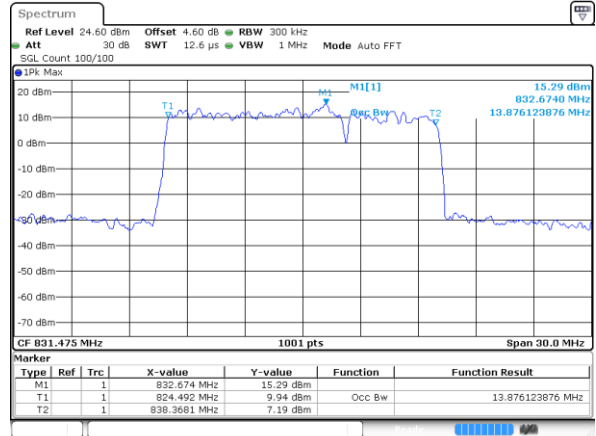
LTE Band 5B

64QAM

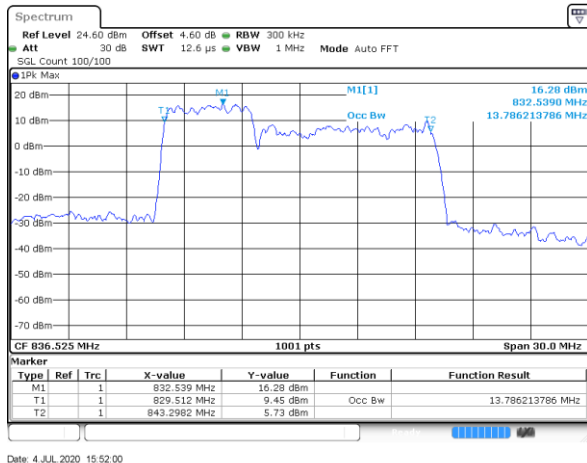
Lowest Channel / 5MHz+10MHz



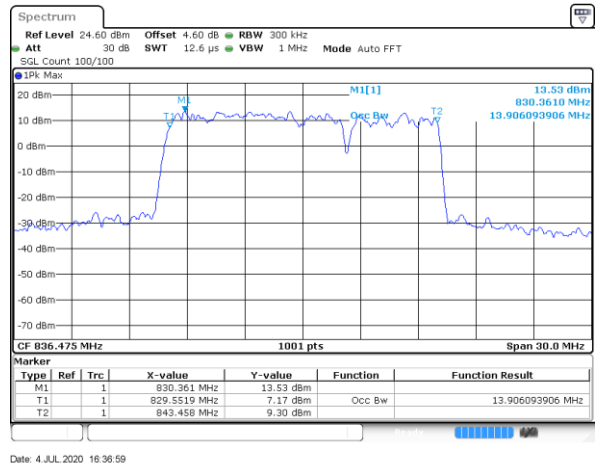
Lowest Channel / 10MHz+5MHz



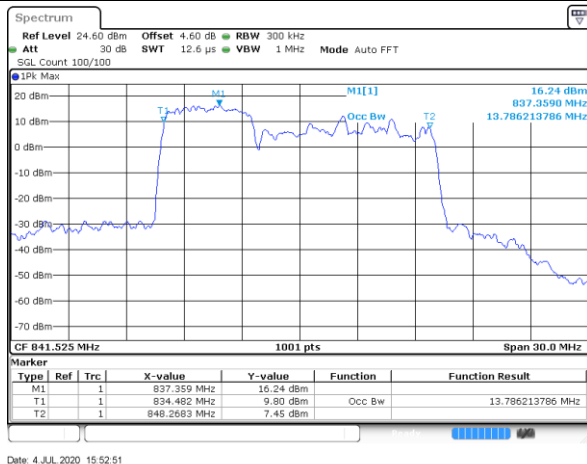
Middle Channel / 5MHz+10MHz



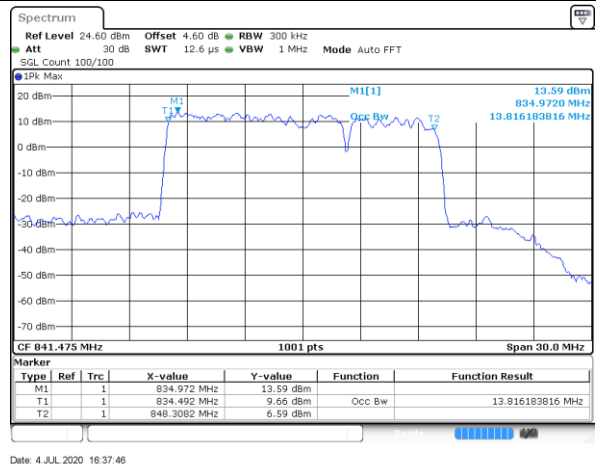
Middle Channel / 10MHz+5MHz



Highest Channel / 5MHz+10MHz



Highest Channel / 10MHz+5MHz



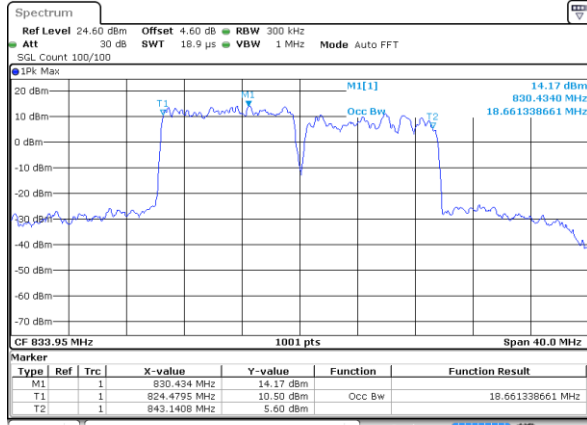


LTE Band 5B

64QAM

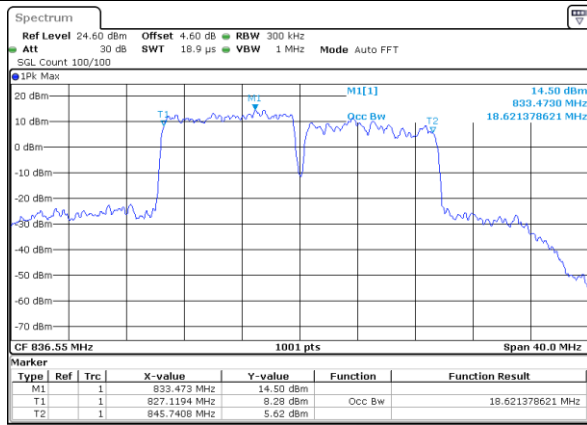
Lowest Channel / 10MHz+10MHz

N/A



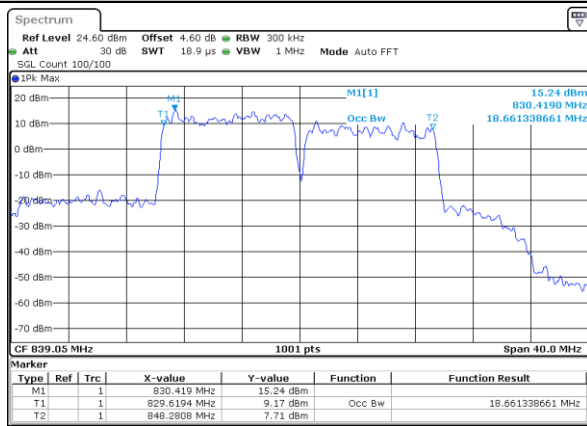
Middle Channel / 10MHz+10MHz

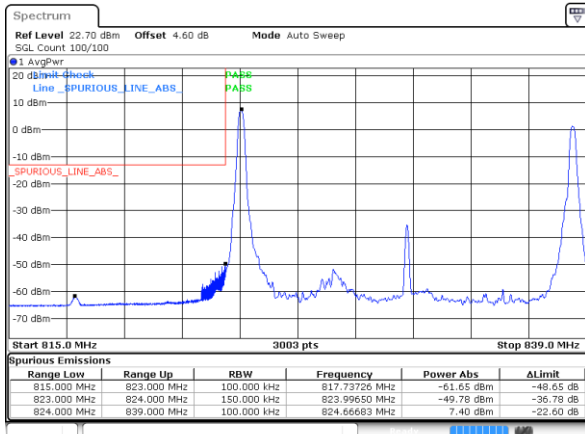
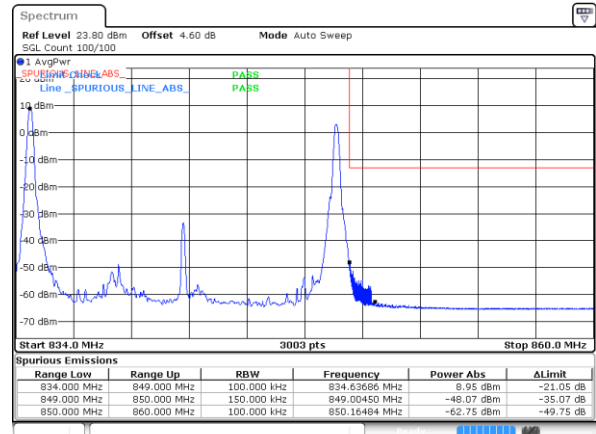
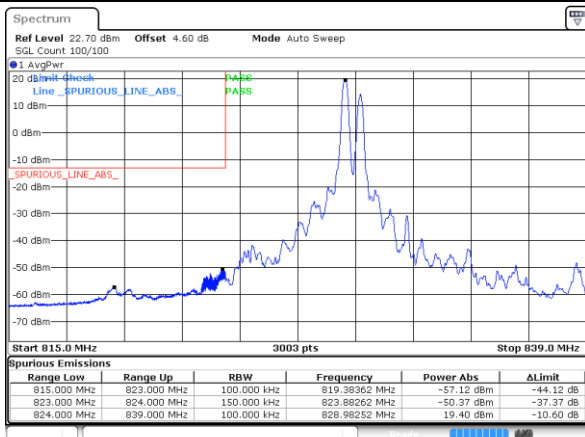
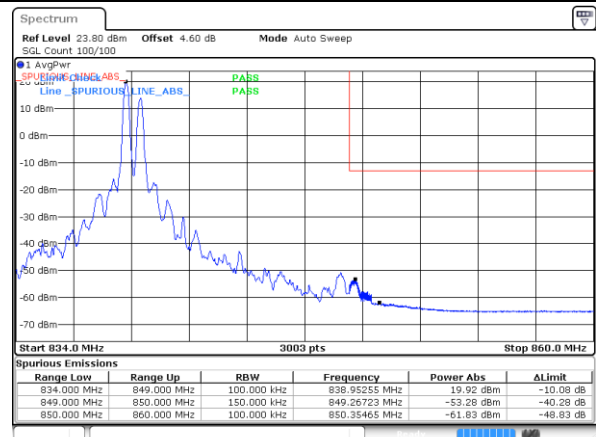
N/A



Highest Channel / 10MHz+10MHz

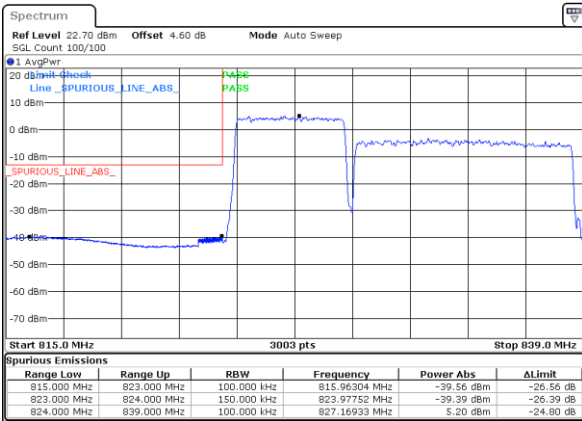
N/A



**Conducted Band Edge****LTE Band 5B / 5MHz+10MHz****QPSK****Lowest Band Edge / 1RB0 and 1RB49****Highest Band Edge / 1RB0 and 1RB49****Lowest Band Edge / 1RB24 and 1RB0****Highest Band Edge / 1RB24 and 1RB0**

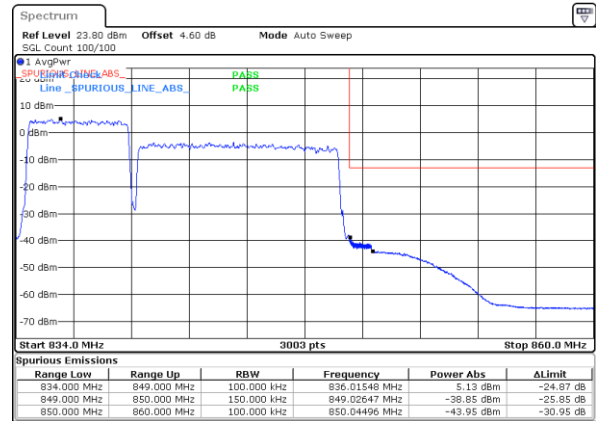


Lowest Band Edge / Full RB



Date: 4 JUL 2020 15:56:42

Highest Band Edge / Full RB



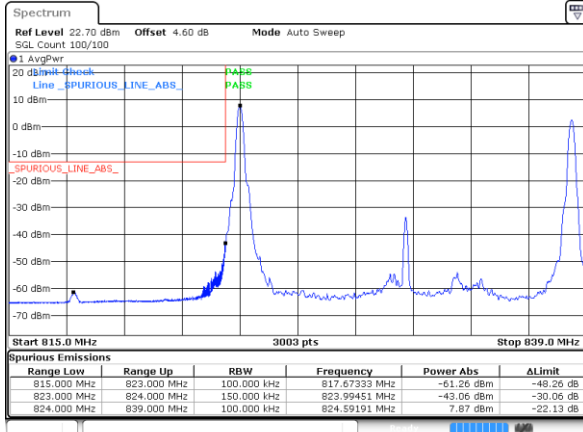
Date: 4 JUL 2020 15:40:25



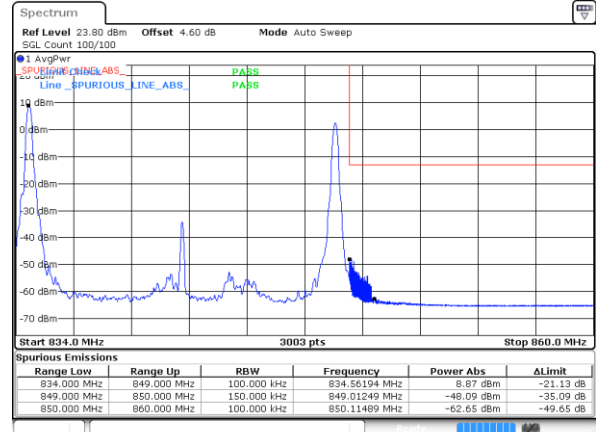
LTE Band 5B / 10MHz+5MHz

QPSK

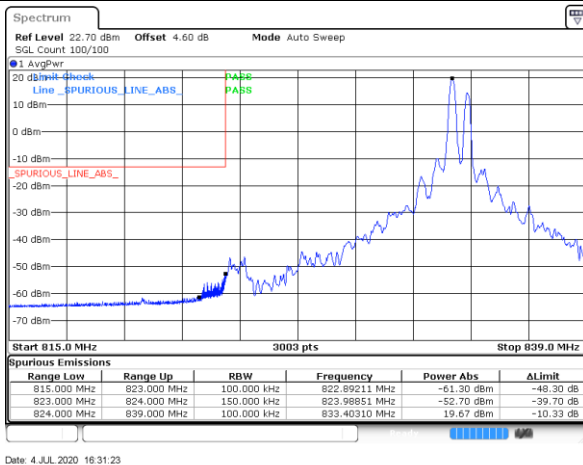
Lowest Band Edge / 1RB0 and 1RB24



Highest Band Edge / 1RB0 and 1RB24



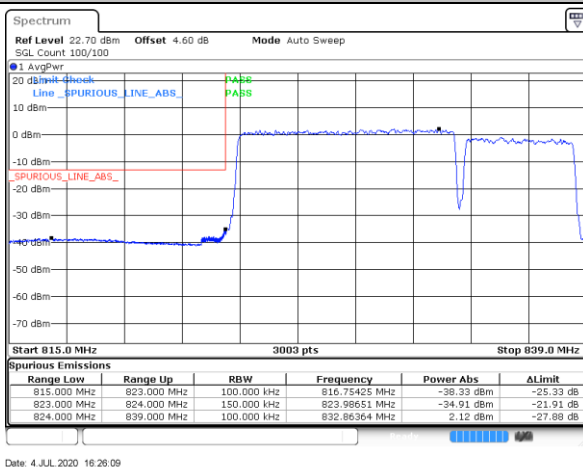
Lowest Band Edge / 1RB49 and 1RB0



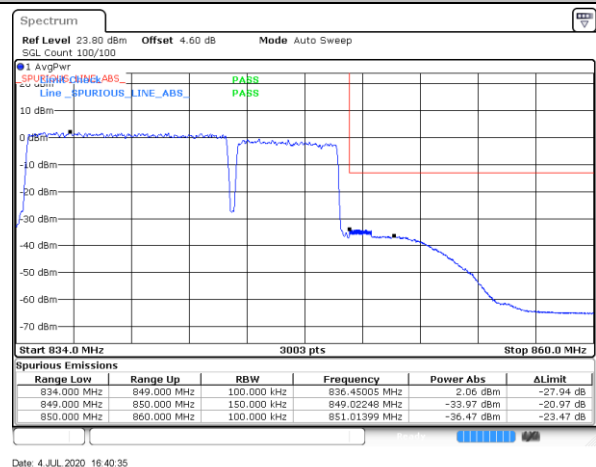
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

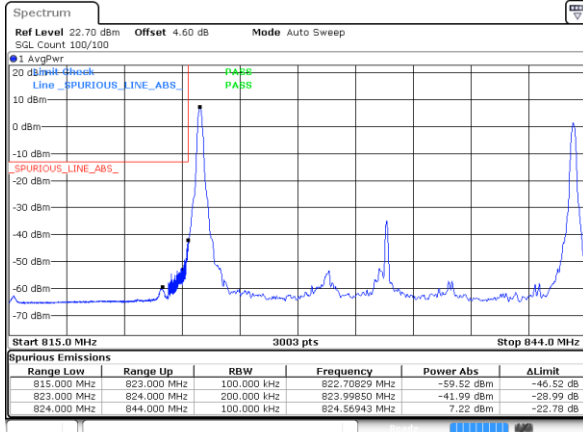




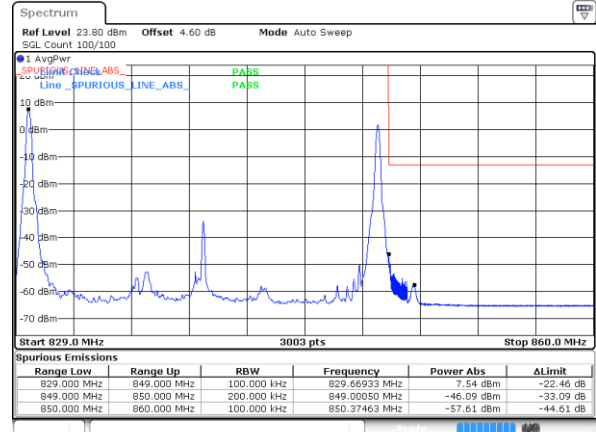
LTE Band 5B / 10MHz+10MHz

QPSK

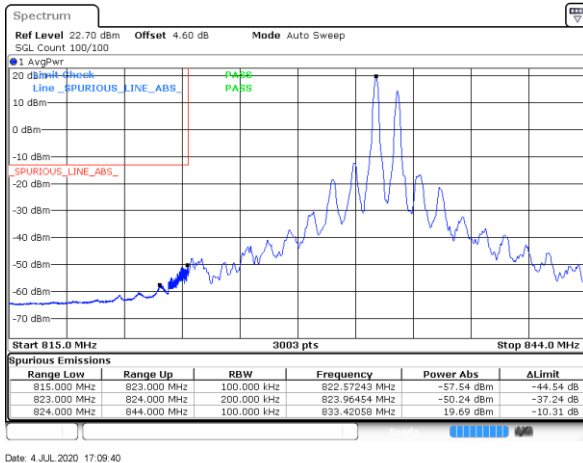
Lowest Band Edge / 1RB0 and 1RB49



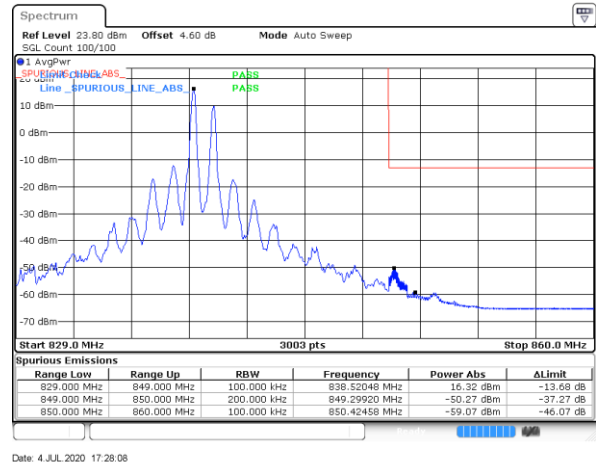
Highest Band Edge / 1RB0 and 1RB49



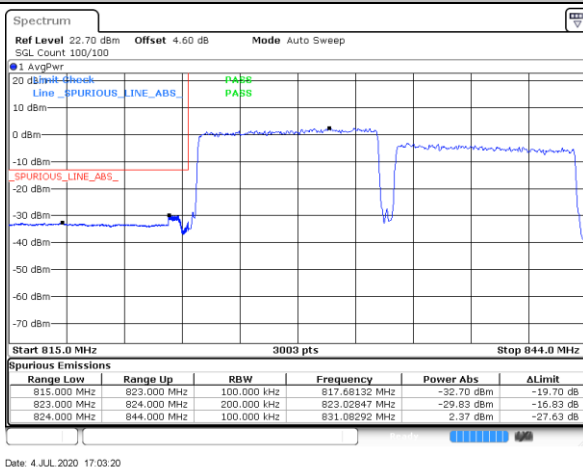
Lowest Band Edge / 1RB49 and 1RB0



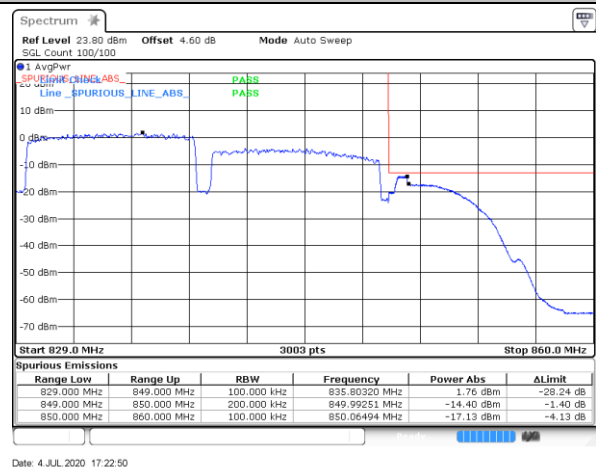
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

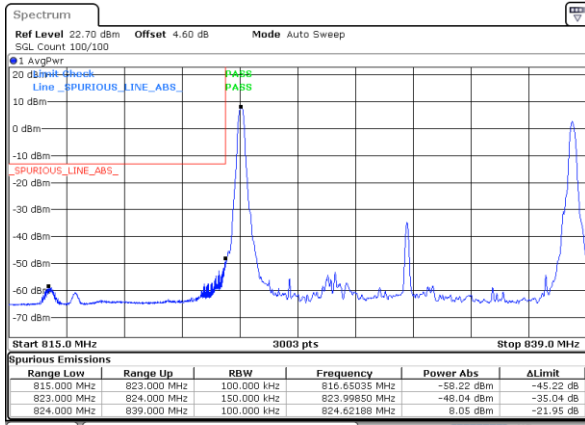




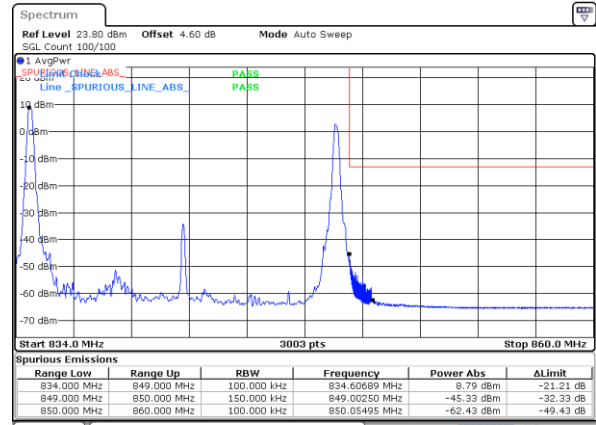
LTE Band 5B / 5MHz+10MHz

16QAM

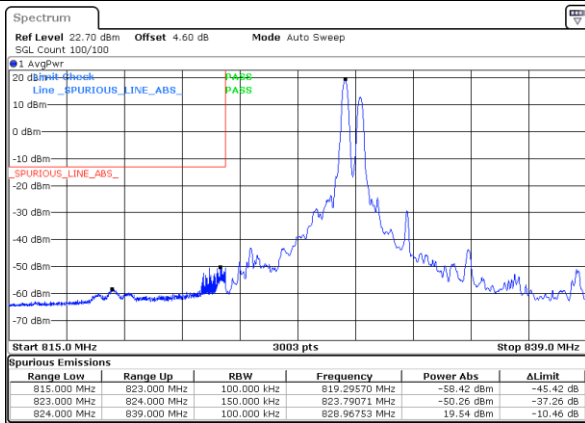
Lowest Band Edge / 1RB0 and 1RB49



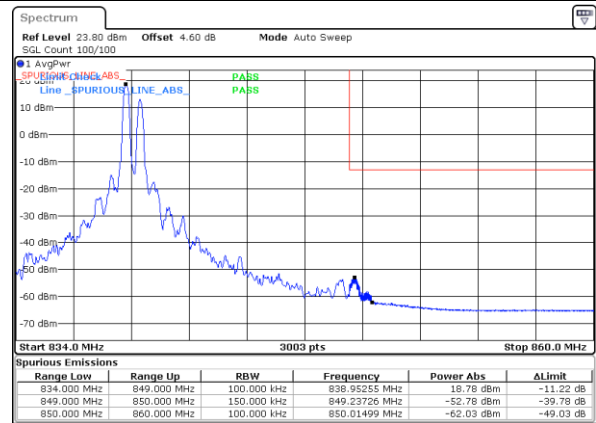
Highest Band Edge / 1RB0 and 1RB49



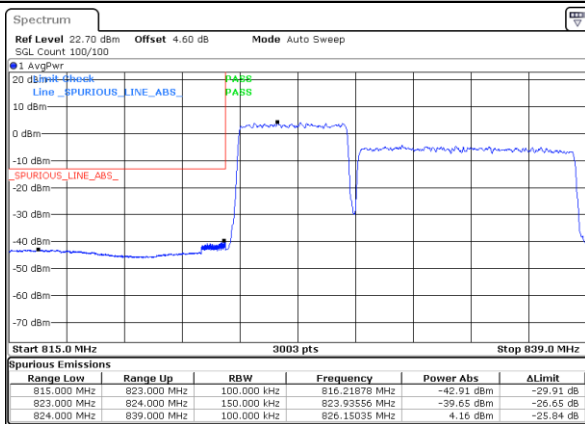
Lowest Band Edge / 1RB24 and 1RB0



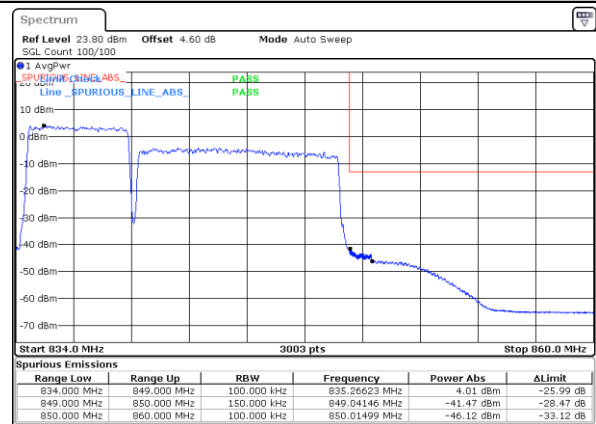
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

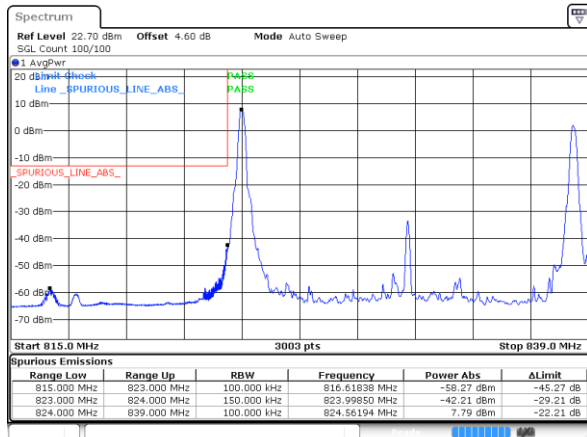




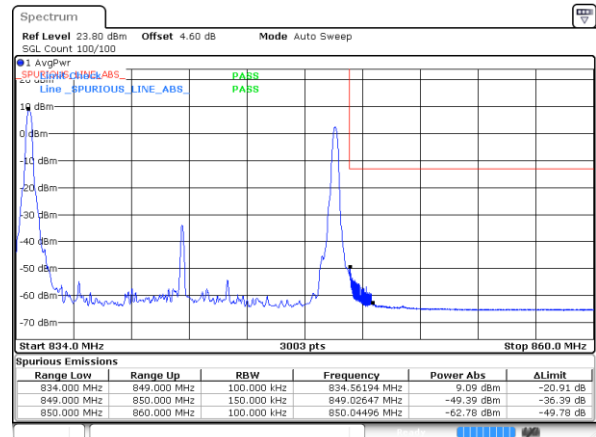
LTE Band 5B / 10MHz+5MHz

16QAM

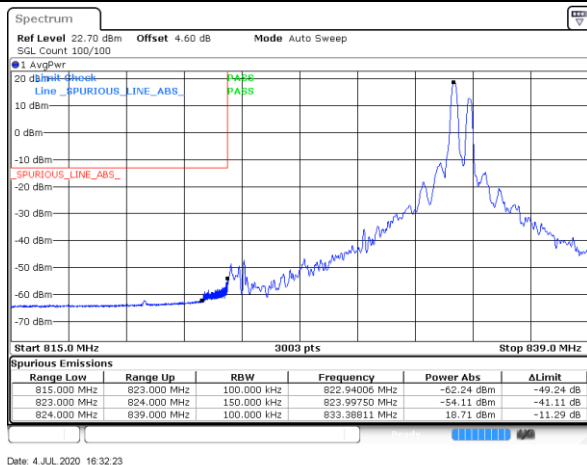
Lowest Band Edge / 1RB0 and 1RB24



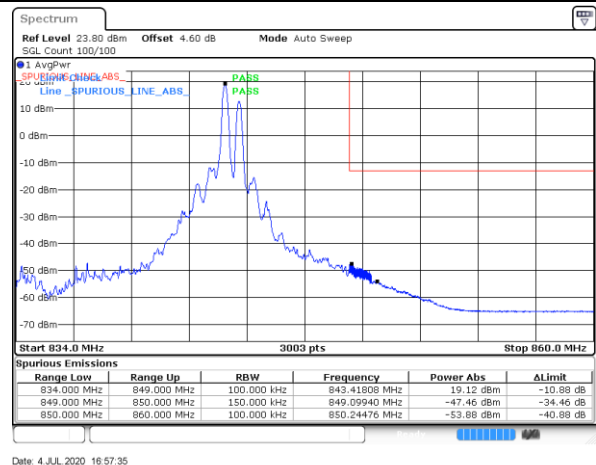
Highest Band Edge / 1RB0 and 1RB24



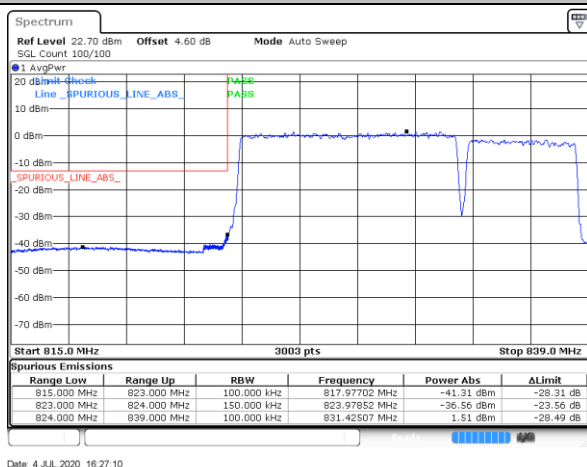
Lowest Band Edge / 1RB49 and 1RB0



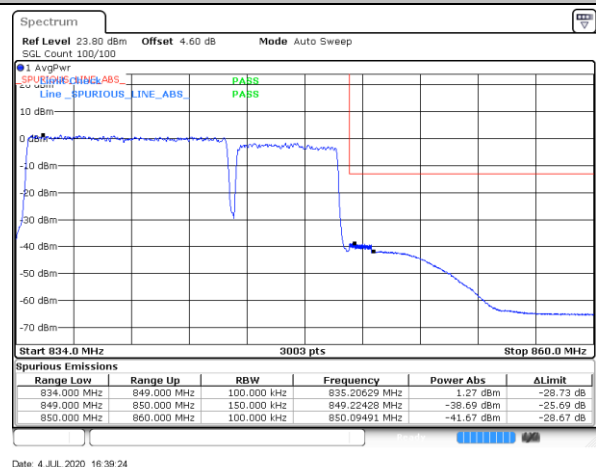
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

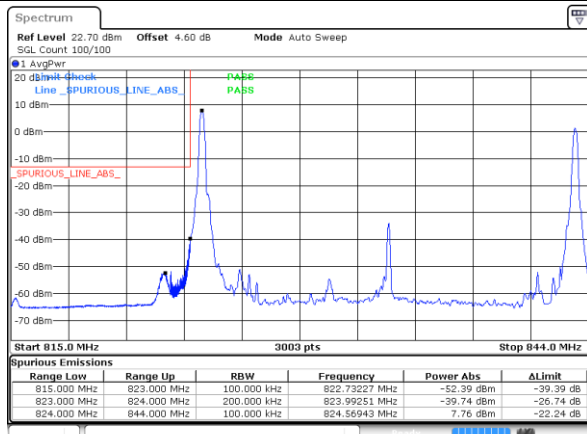




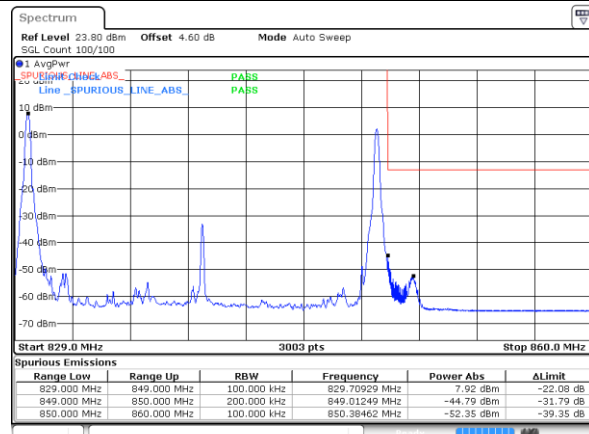
LTE Band 5B / 10MHz+10MHz

16QAM

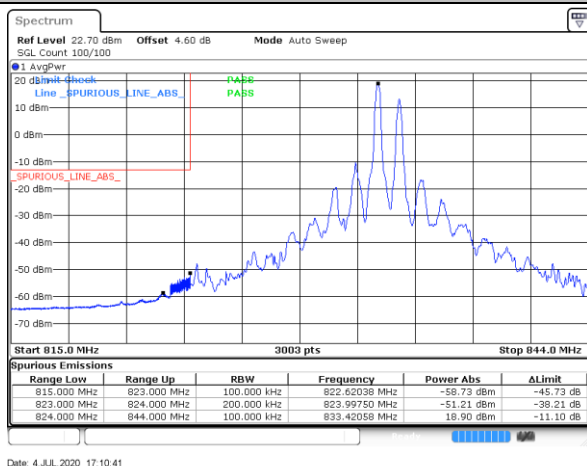
Lowest Band Edge / 1RB0 and 1RB49



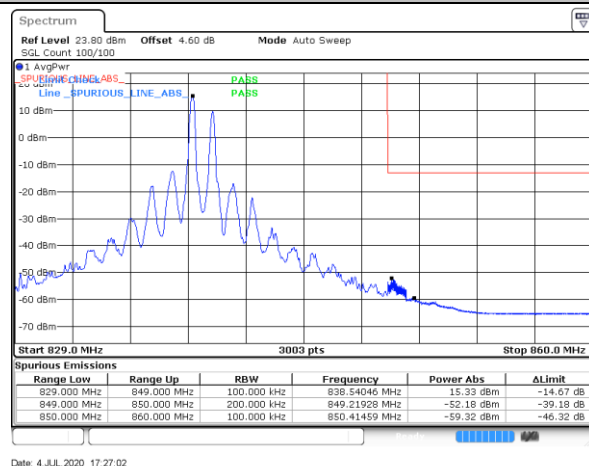
Highest Band Edge / 1RB0 and 1RB49



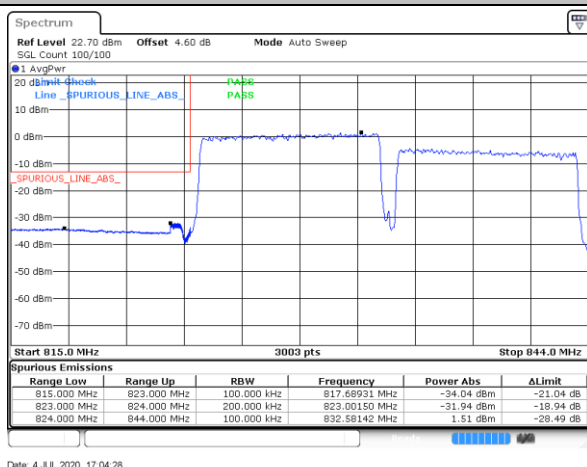
Lowest Band Edge / 1RB49 and 1RB0



Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

