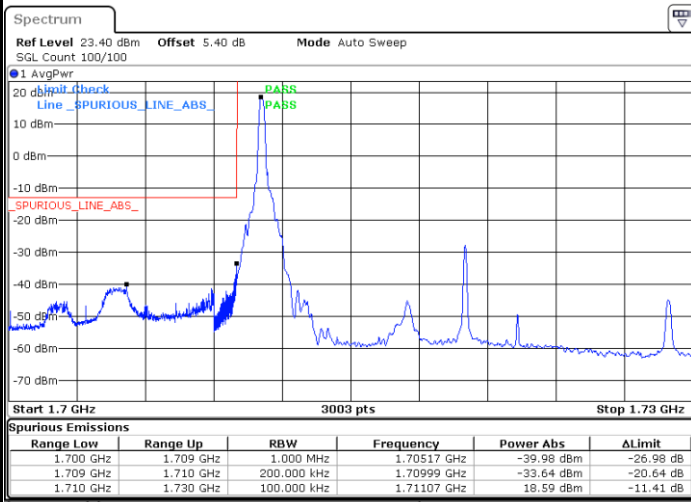




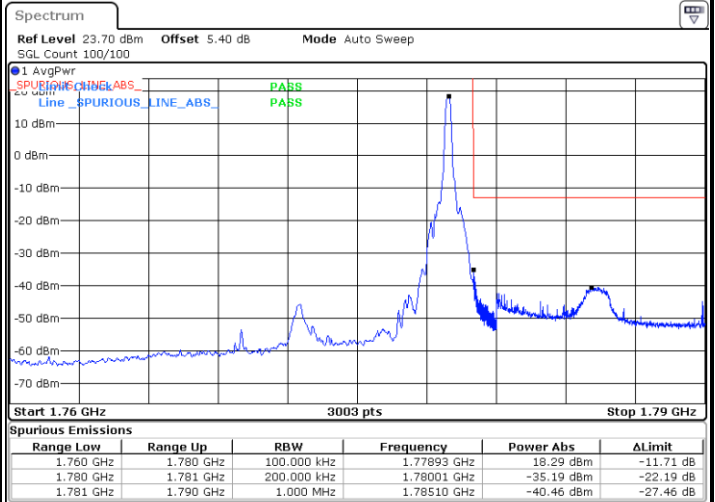
LTE Band 66 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



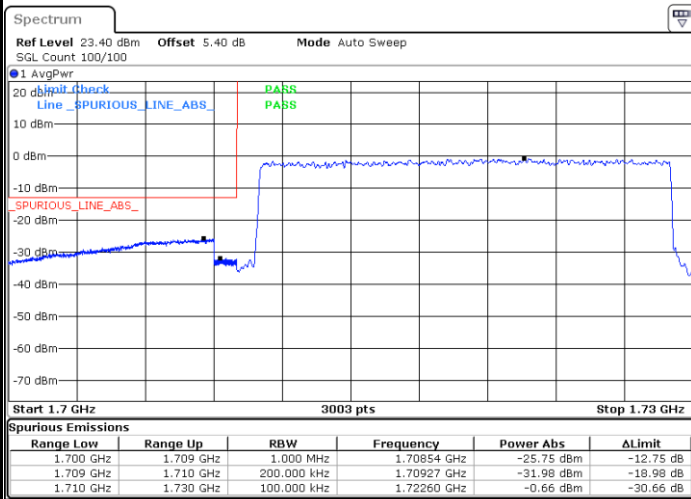
Date: 11 JUN 2020 08:13:51

Highest Band Edge / 1 RB



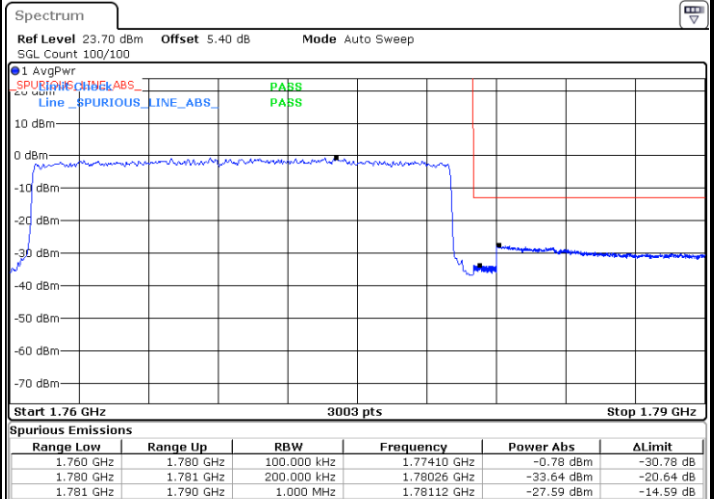
Date: 11 JUN 2020 08:29:34

Lowest Band Edge / Full RB



Date: 11 JUN 2020 08:16:46

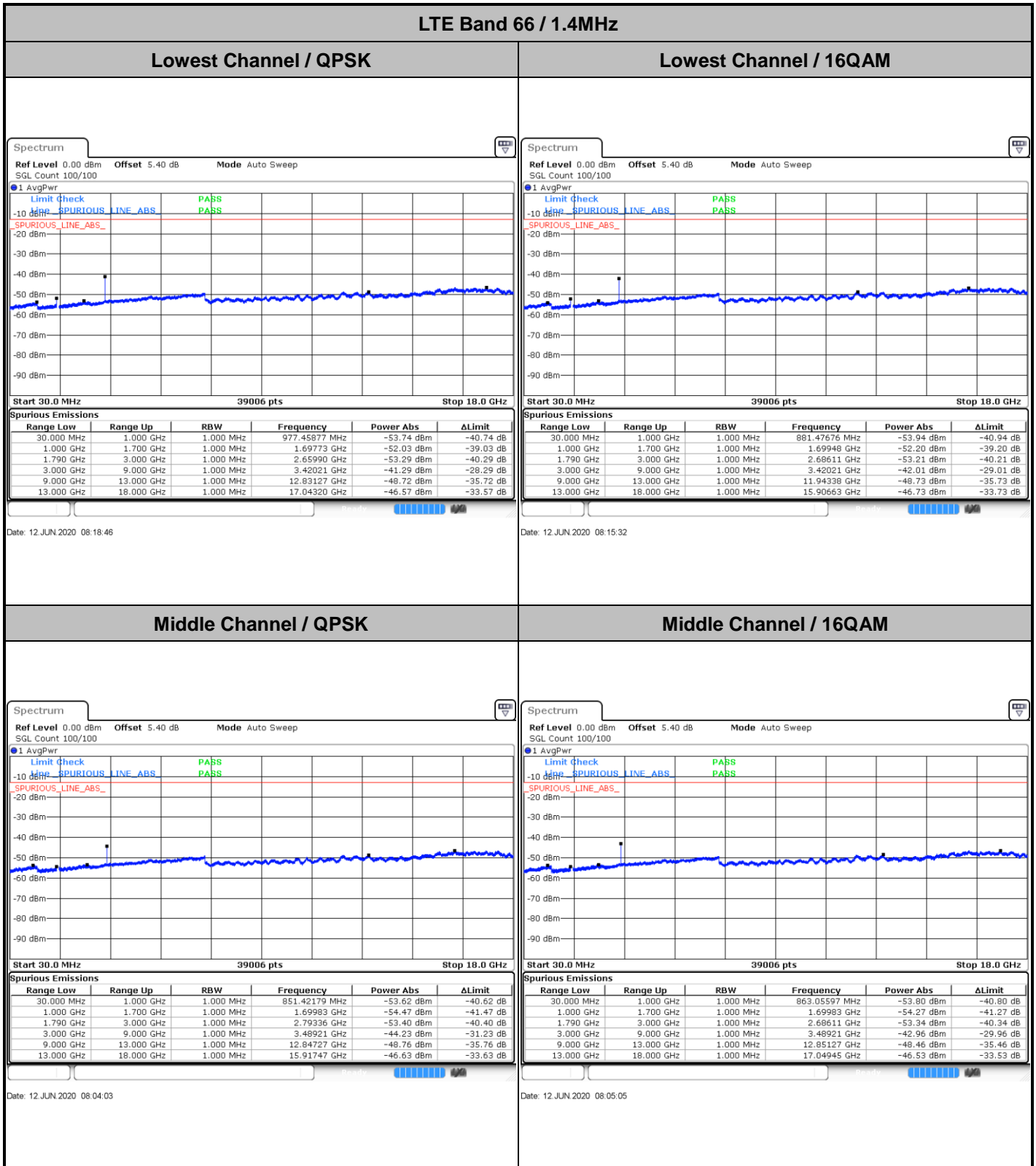
Highest Band Edge / Full RB



Date: 11 JUN 2020 08:22:36



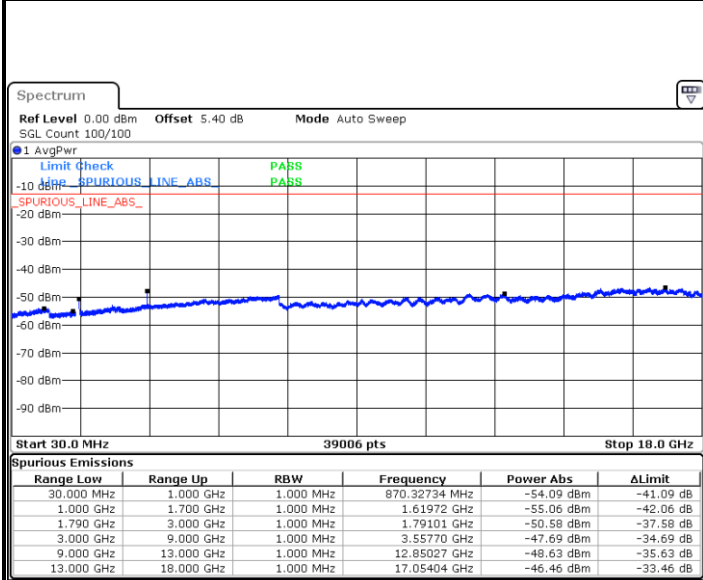
# Conducted Spurious Emission





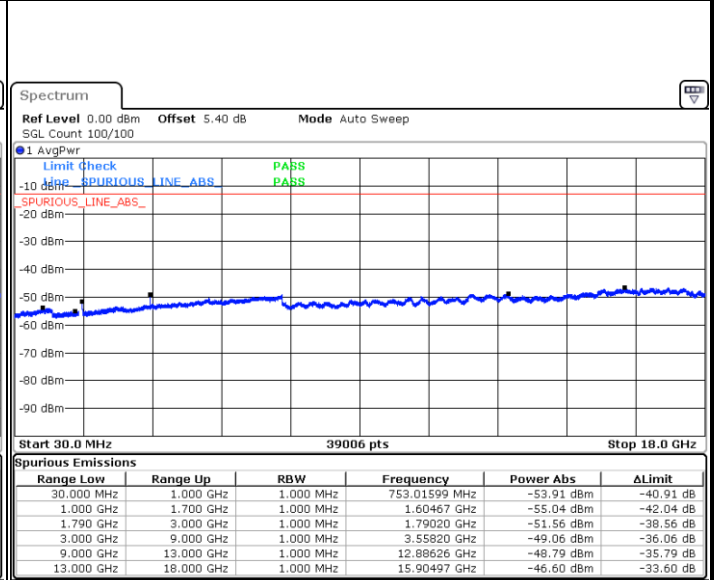
LTE Band 66 / 1.4MHz

Highest Channel / QPSK



Date: 12 JUN 2020 08:19:57

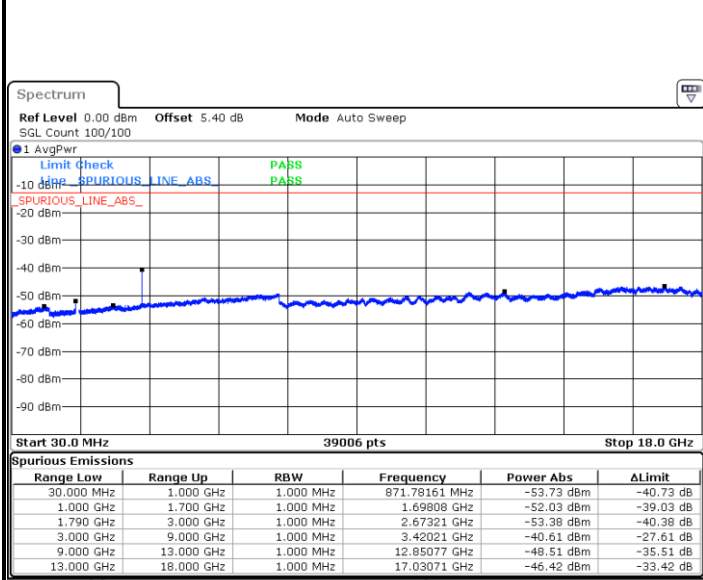
Highest Channel / 16QAM



Date: 12 JUN 2020 08:20:48

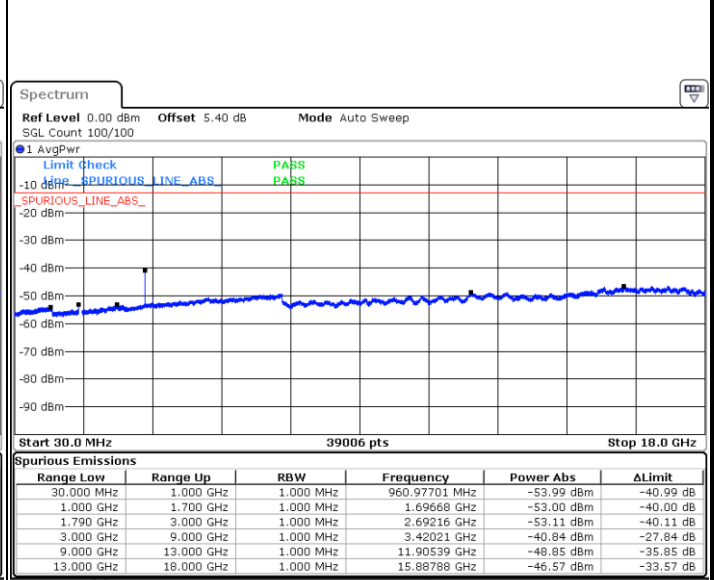
LTE Band 66 / 3MHz

Lowest Channel / QPSK



Date: 11 JUN 2020 08:42:55

Lowest Channel / 16QAM

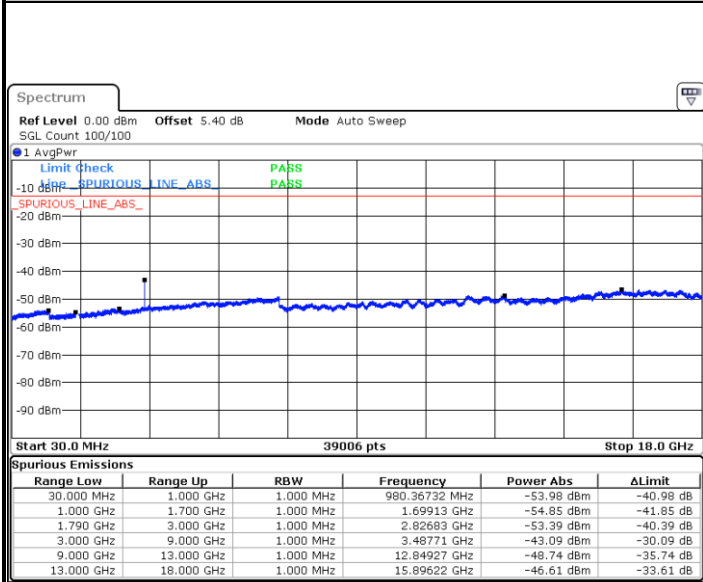


Date: 11 JUN 2020 08:46:35



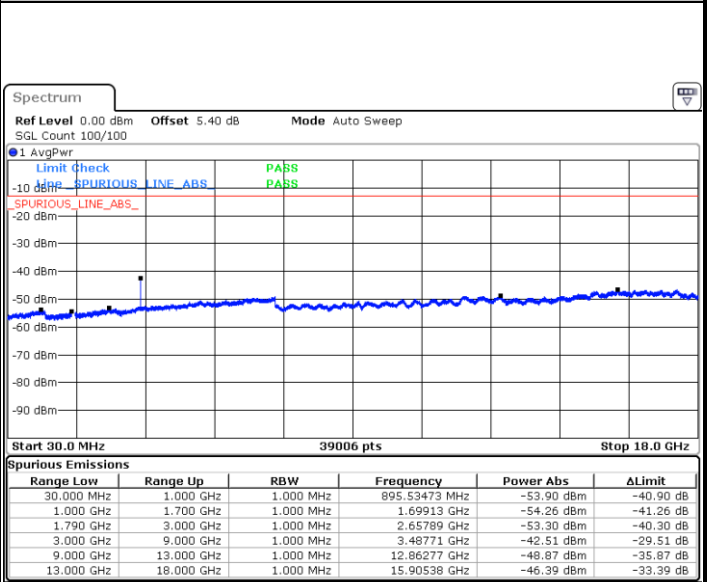
LTE Band 66 / 3MHz

Middle Channel / QPSK



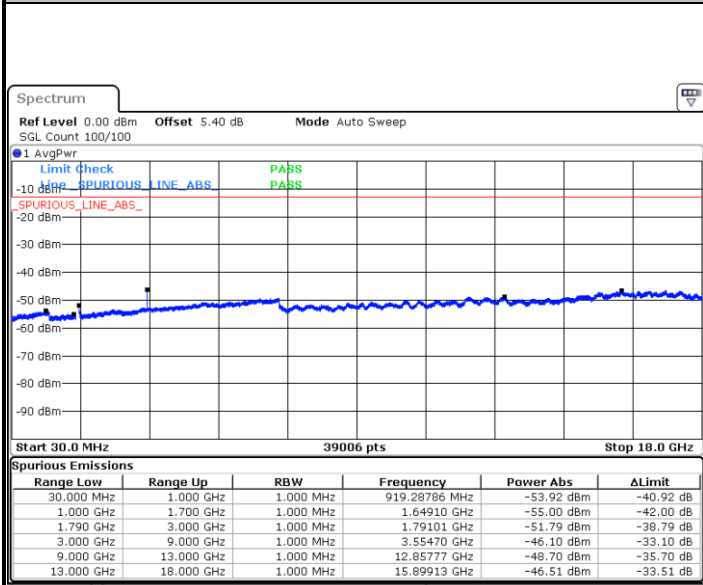
Date: 11 JUN 2020 08:40:13

Middle Channel / 16QAM



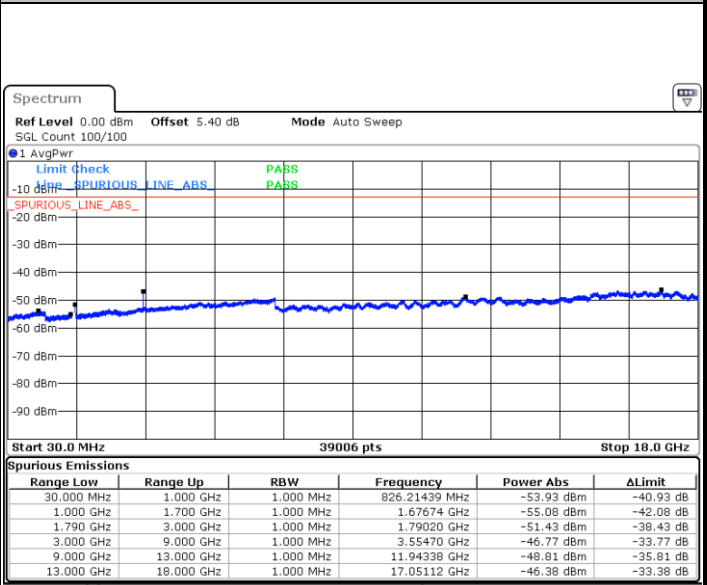
Date: 11 JUN 2020 08:39:19

Highest Channel / QPSK



Date: 11 JUN 2020 09:28:37

Highest Channel / 16QAM



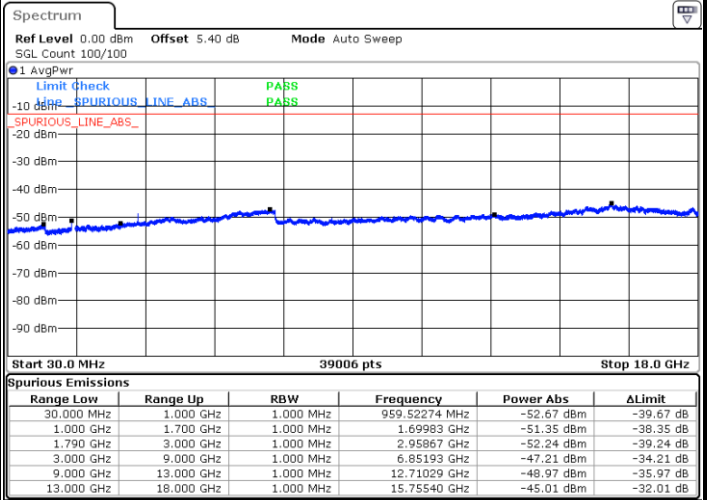
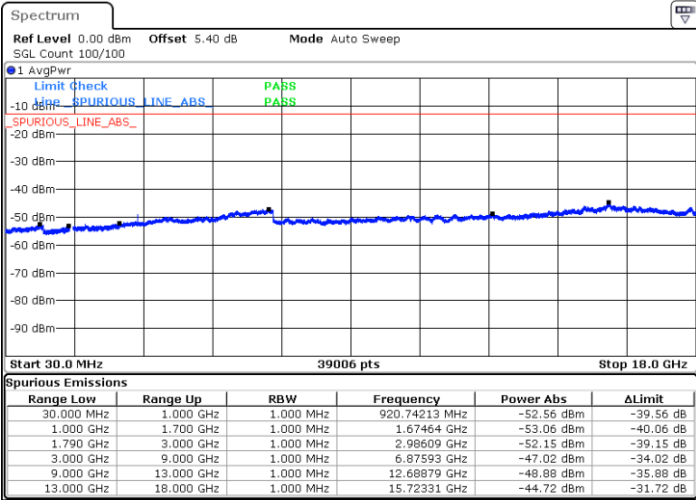
Date: 11 JUN 2020 09:27:50



LTE Band 66 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

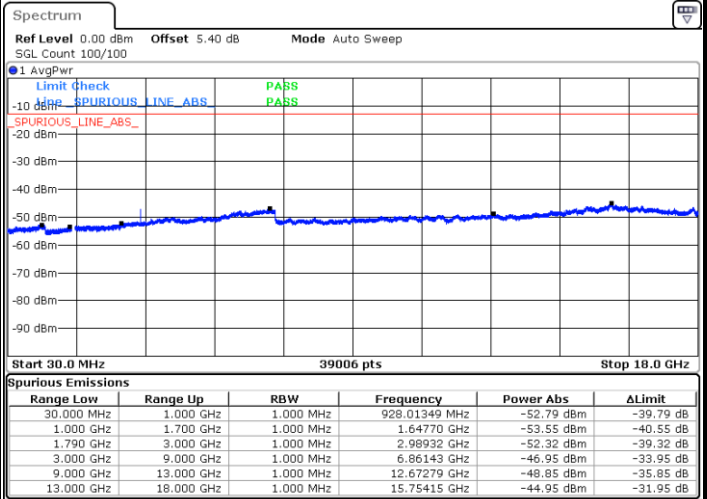
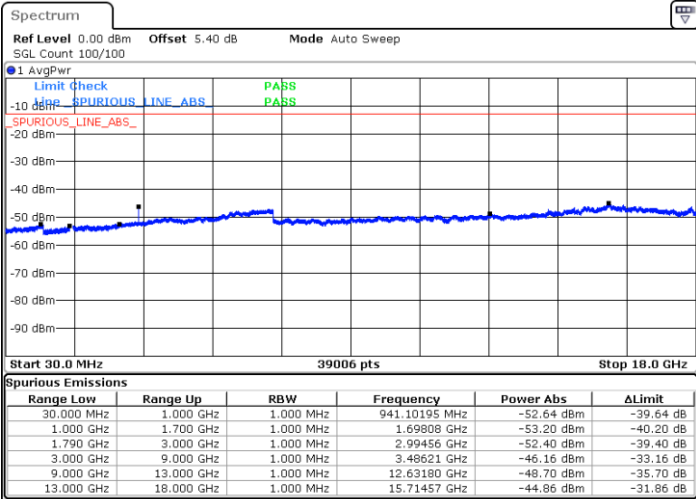


Date: 11.JUN.2020 05:11:28

Date: 11.JUN.2020 05:19:03

Middle Channel / QPSK

Middle Channel / 16QAM



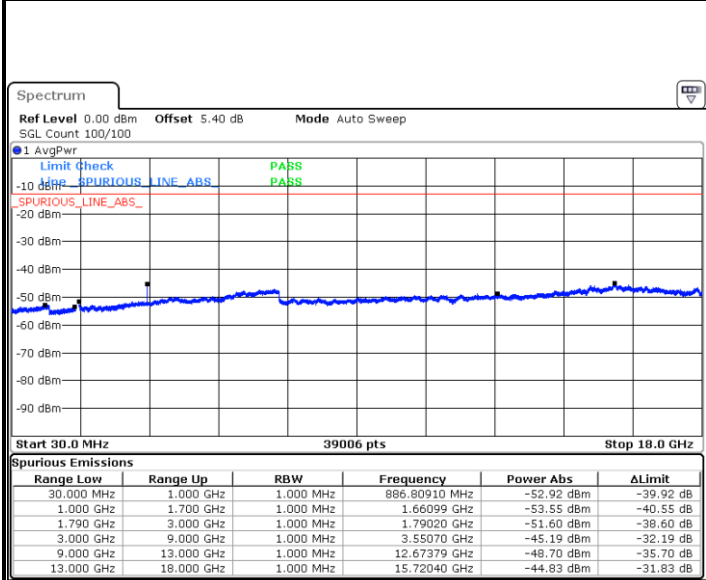
Date: 11.JUN.2020 05:10:12

Date: 11.JUN.2020 05:09:10



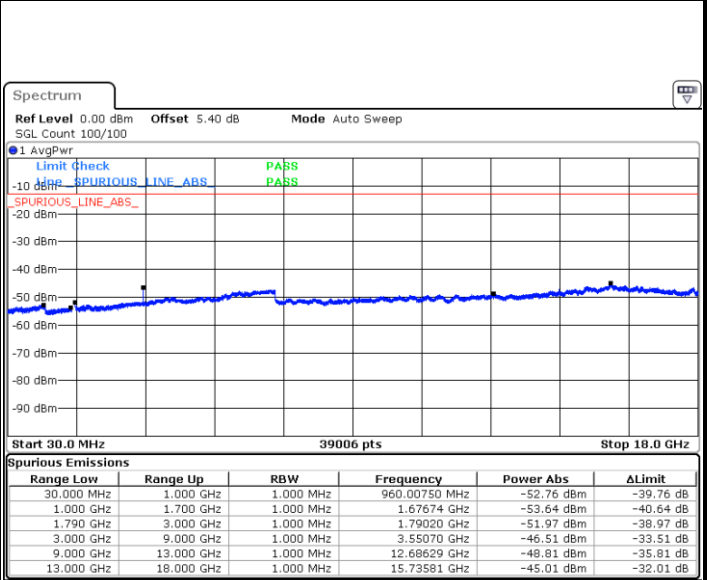
LTE Band 66 / 5MHz

Highest Channel / QPSK



Date: 11 JUN 2020 05:41:33

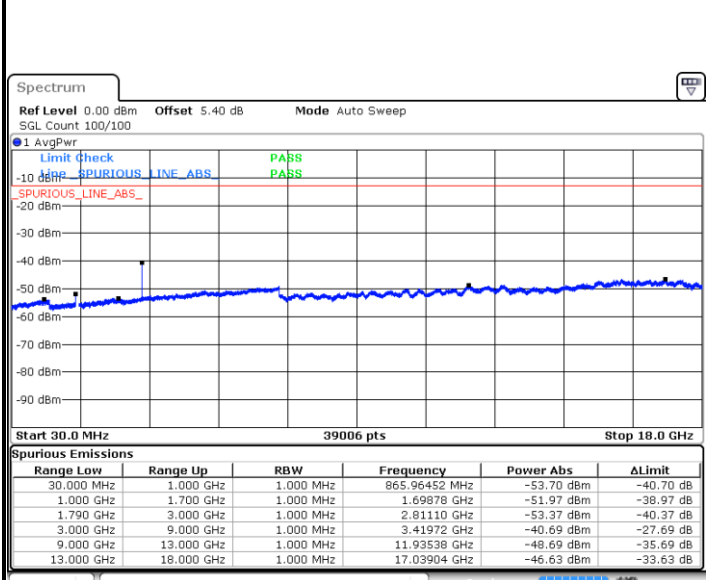
Highest Channel / 16QAM



Date: 11 JUN 2020 05:40:38

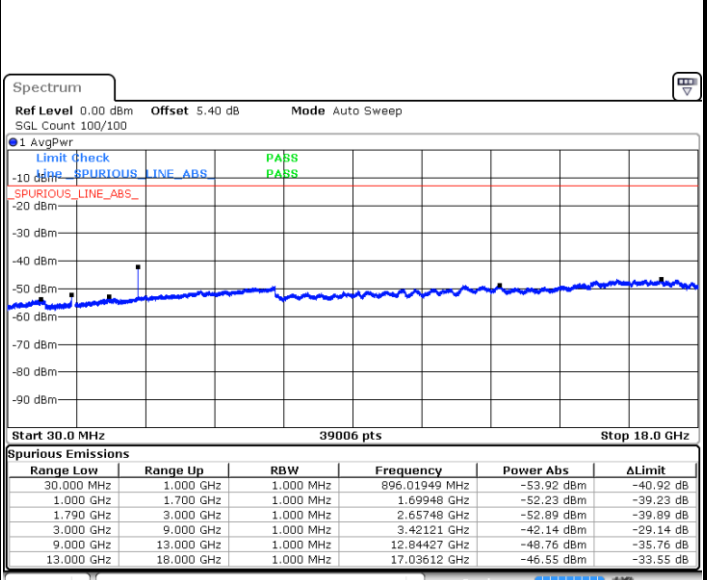
LTE Band 66 / 10MHz

Lowest Channel / QPSK



Date: 11 JUN 2020 07:37:15

Lowest Channel / 16QAM



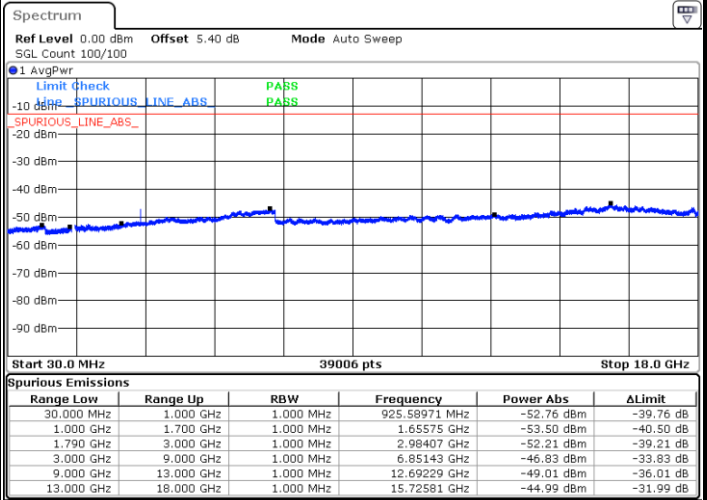
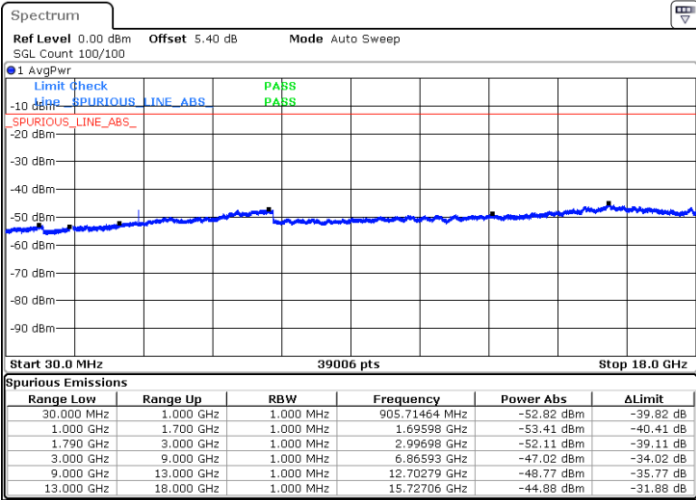
Date: 11 JUN 2020 07:34:11



LTE Band 66 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

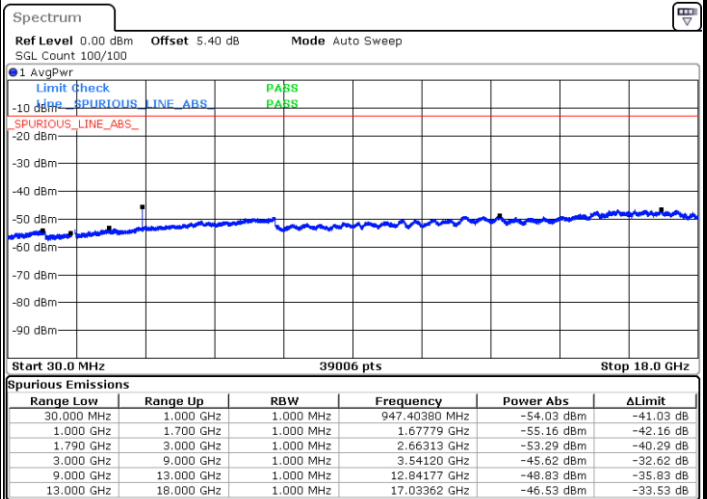
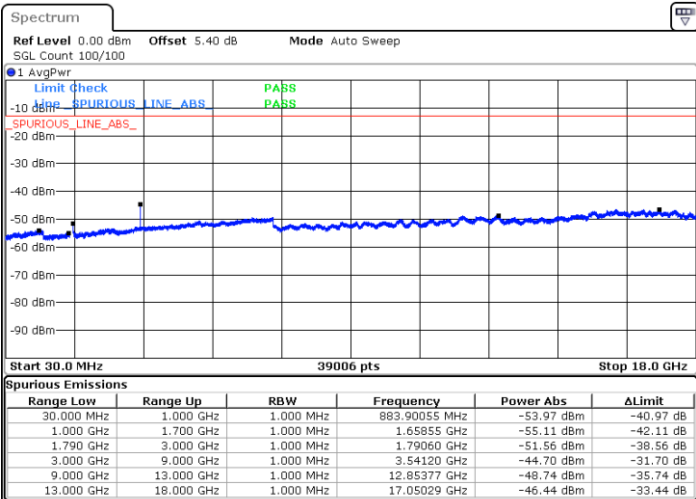


Date: 11 JUN 2020 05:49:57

Date: 11 JUN 2020 05:50:37

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 11 JUN 2020 07:27:57

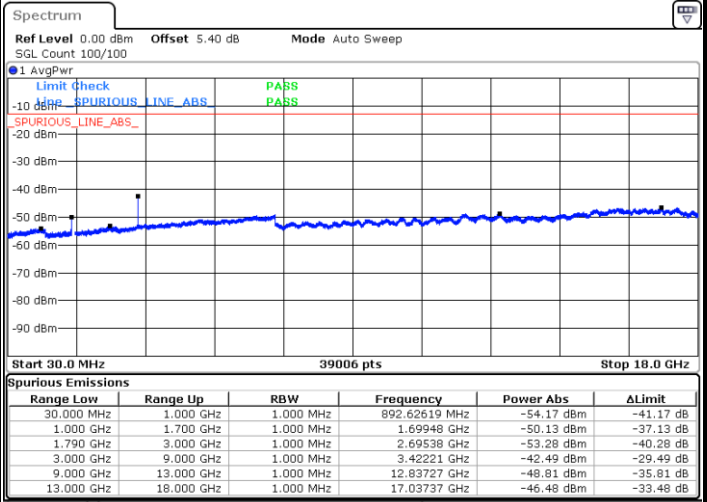
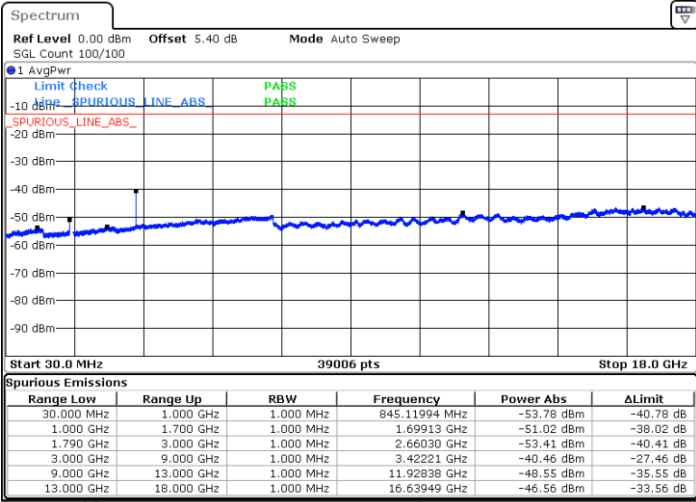
Date: 11 JUN 2020 07:30:03



LTE Band 66 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

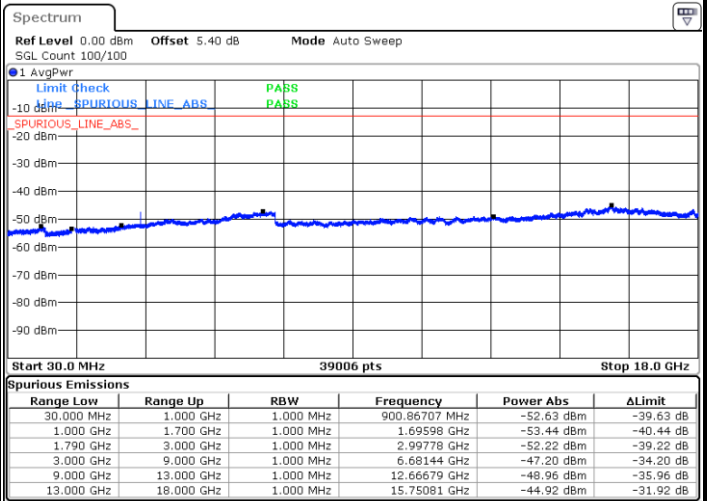
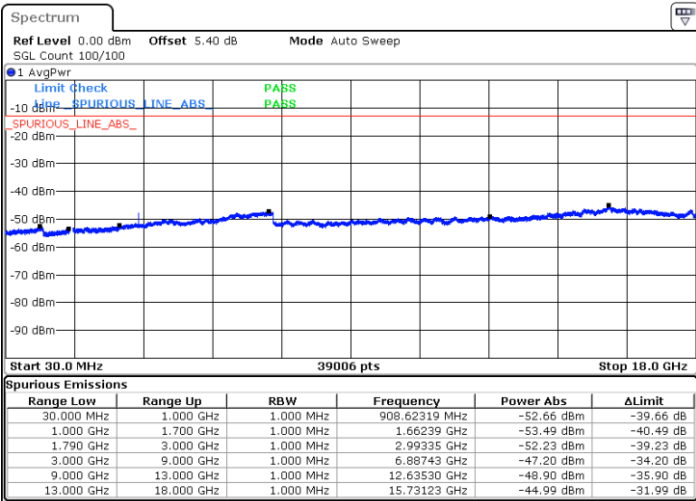


Date: 11 JUN 2020 07:52:31

Date: 11 JUN 2020 07:51:01

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 11 JUN 2020 05:53:47

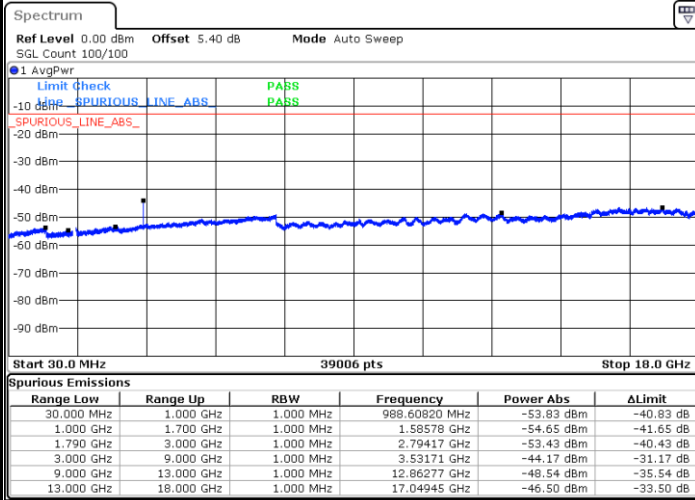
Date: 11 JUN 2020 05:53:07





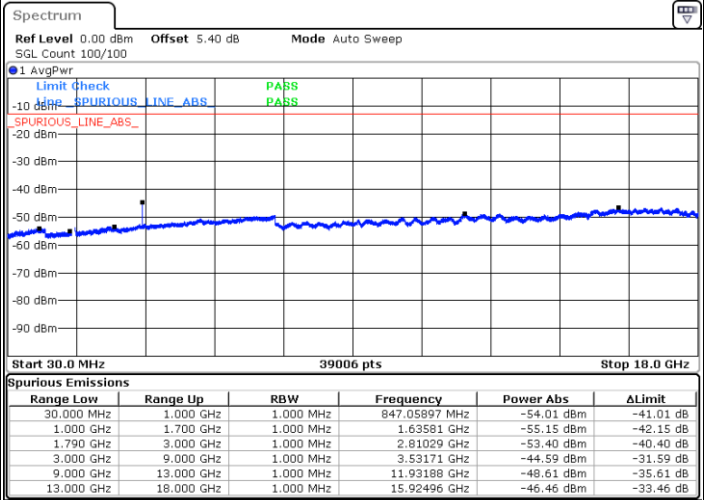
LTE Band 66 / 15MHz

Highest Channel / QPSK



Date: 11 JUN 2020 07:54:10

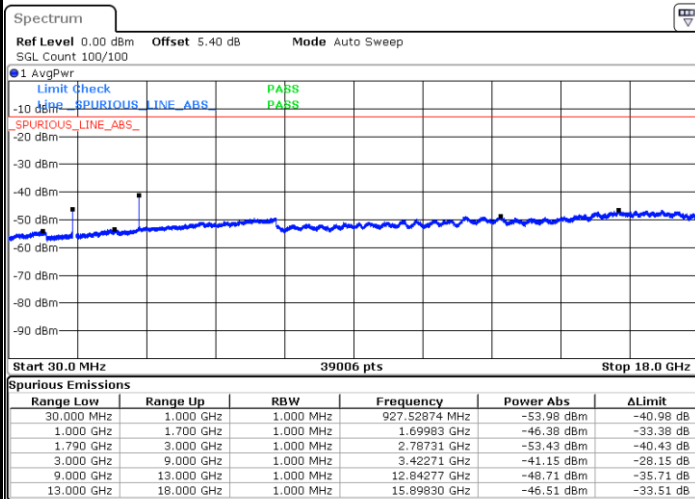
Highest Channel / 16QAM



Date: 11 JUN 2020 07:55:26

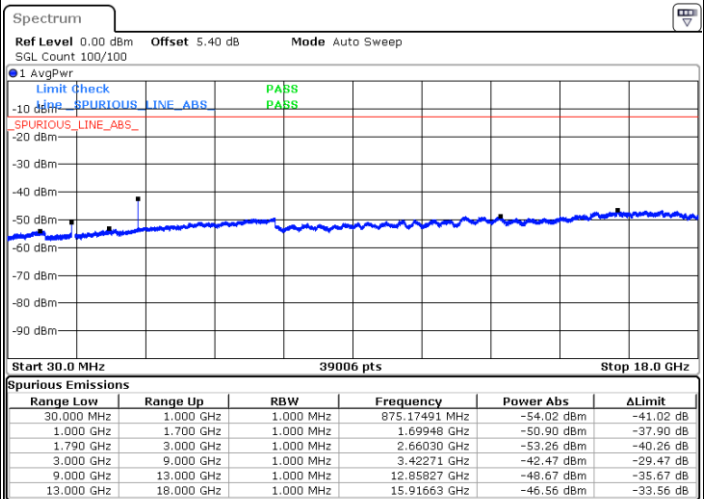
LTE Band 66 / 20MHz

Lowest Channel / QPSK



Date: 11 JUN 2020 08:31:31

Lowest Channel / 16QAM



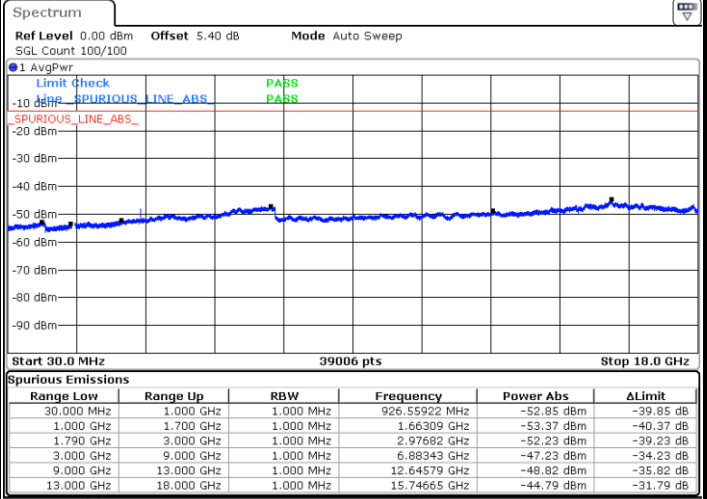
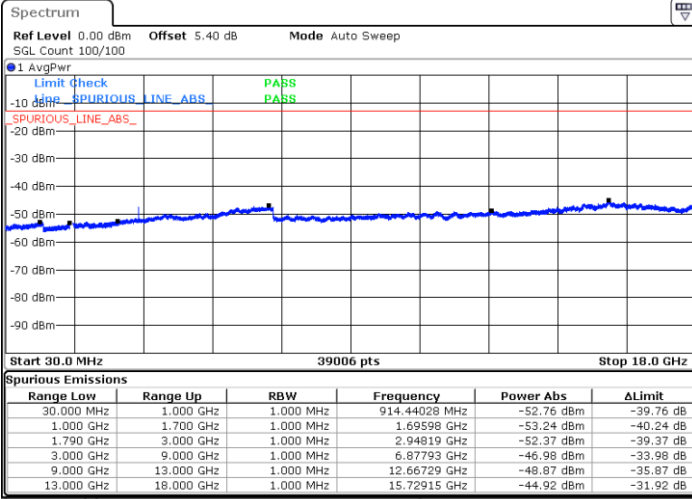
Date: 11 JUN 2020 08:12:27



LTE Band 66 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

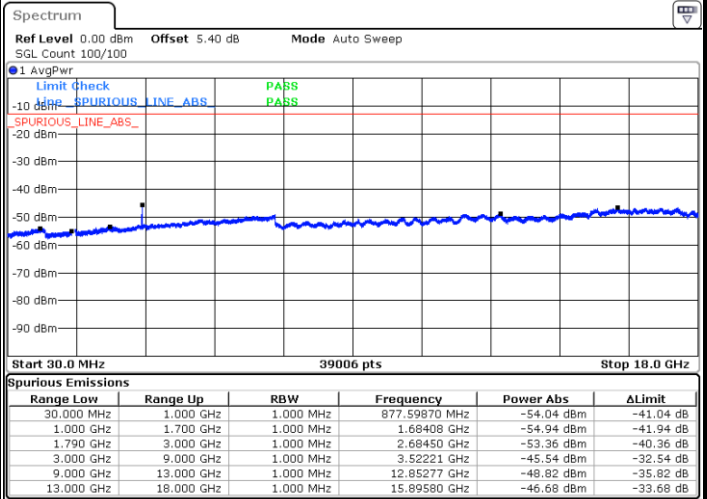
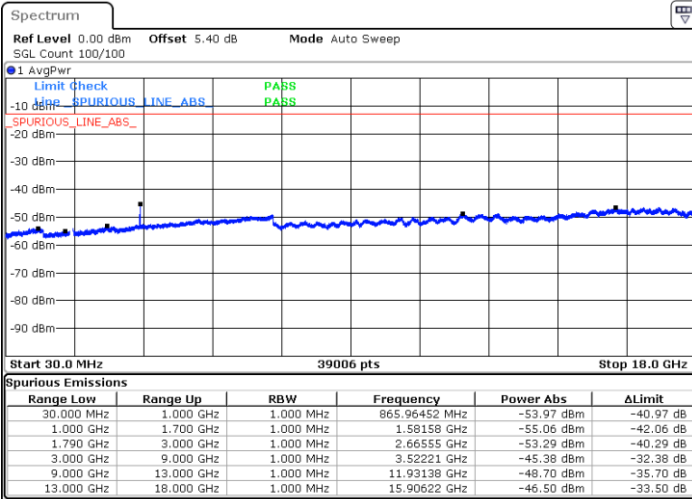


Date: 11 JUN 2020 05:55:26

Date: 11 JUN 2020 05:58:30

Highest Channel / QPSK

Highest Channel / 16QAM



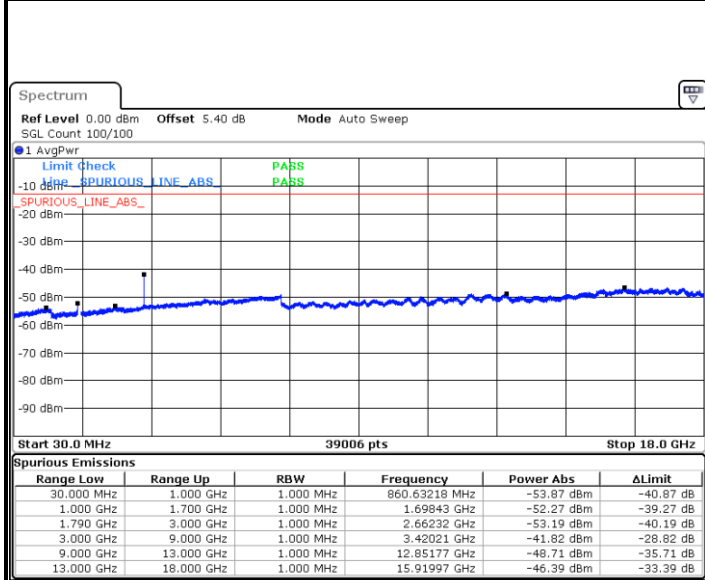
Date: 11 JUN 2020 08:28:47

Date: 11 JUN 2020 08:26:52



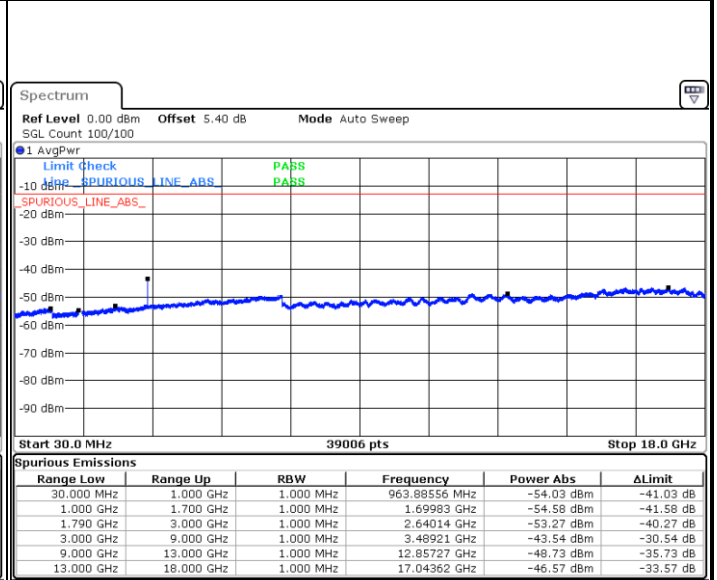
**LTE Band 66 / 1.4MHz**

**Lowest Channel / 64QAM**



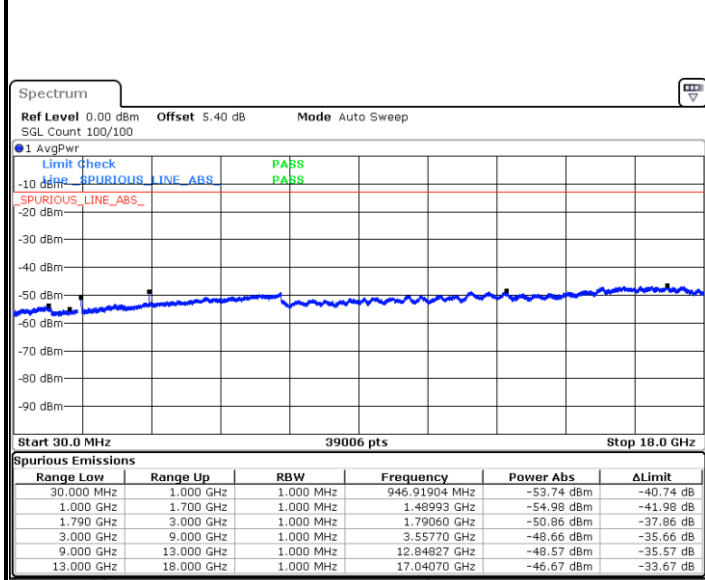
Date: 12 JUN 2020 08:14:25

**Middle Channel / 64QAM**



Date: 12 JUN 2020 08:05:46

**Highest Channel / 64QAM**



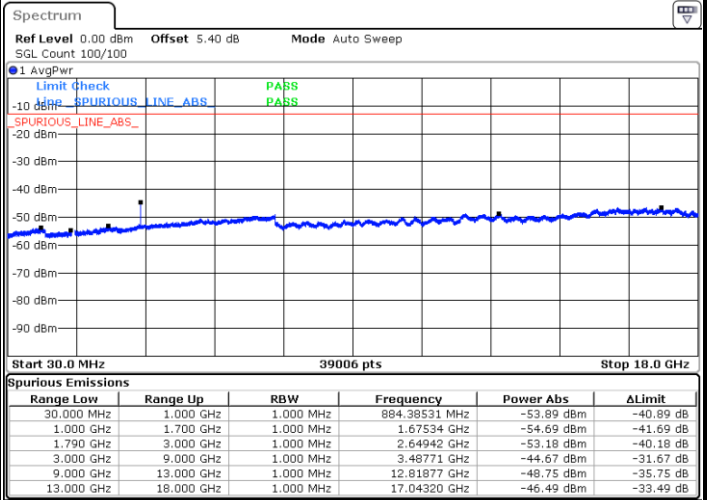
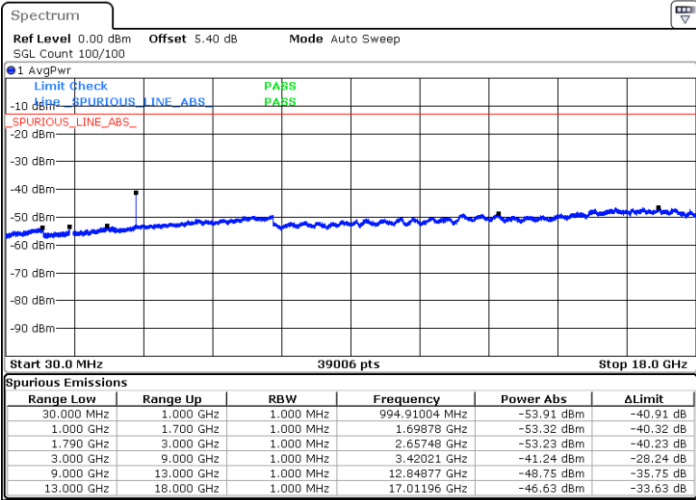
Date: 12 JUN 2020 08:22:04



LTE Band 66 / 3MHz

Lowest Channel / 64QAM

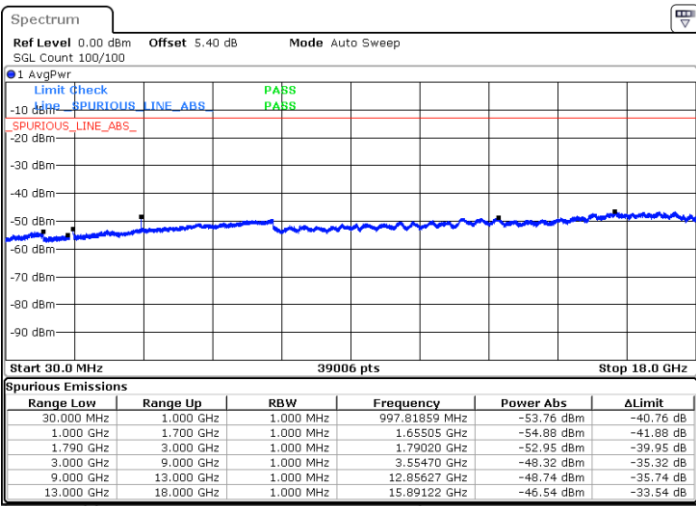
Middle Channel / 64QAM



Date: 11 JUN 2020 09:20:38

Date: 11 JUN 2020 08:37:52

Highest Channel / 64QAM

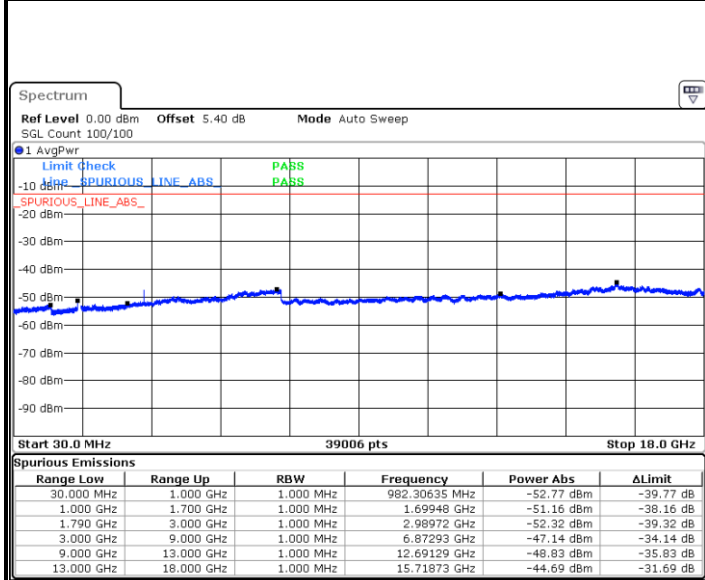


Date: 11 JUN 2020 09:27:08



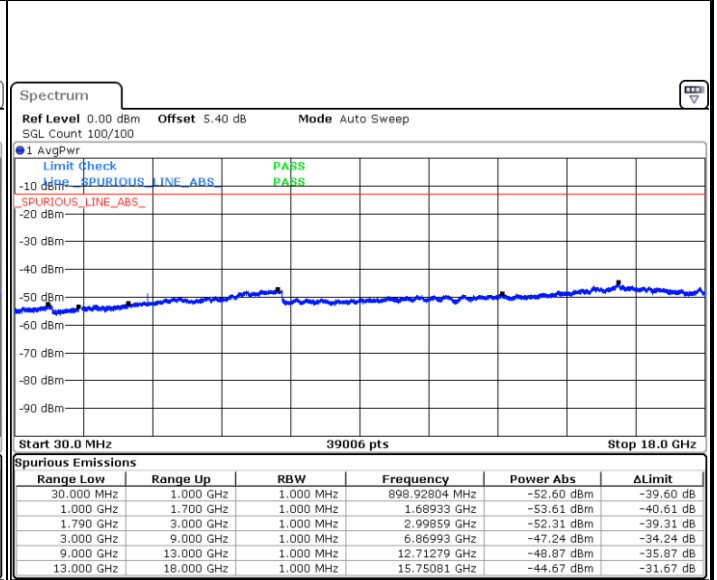
**LTE Band 66 / 5MHz**

**Lowest Channel / 64QAM**



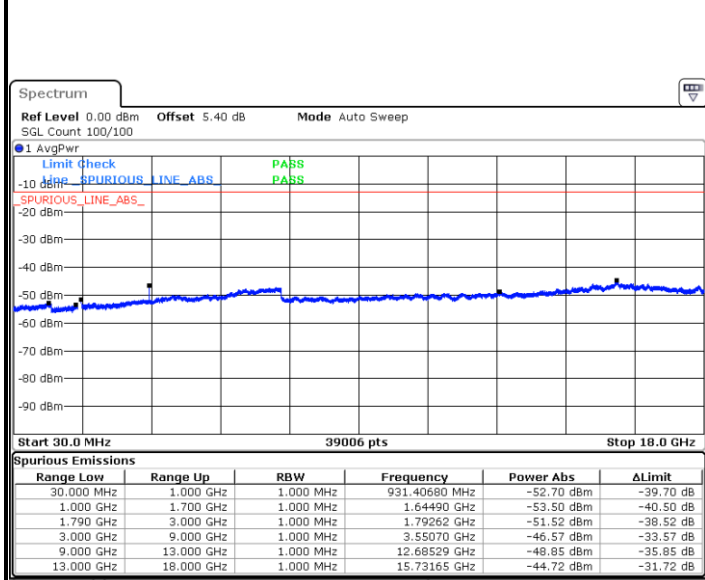
Date: 11. JUN. 2020 05:21:49

**Middle Channel / 64QAM**



Date: 11. JUN. 2020 05:08:17

**Highest Channel / 64QAM**

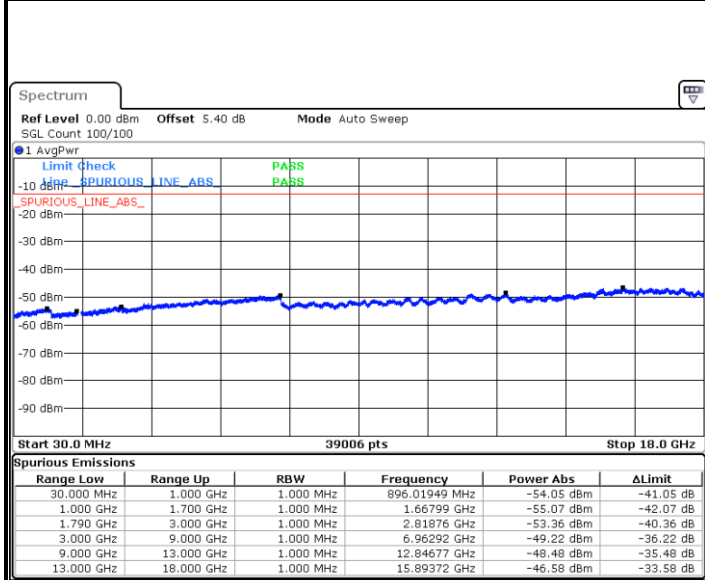


Date: 11. JUN. 2020 05:38:58



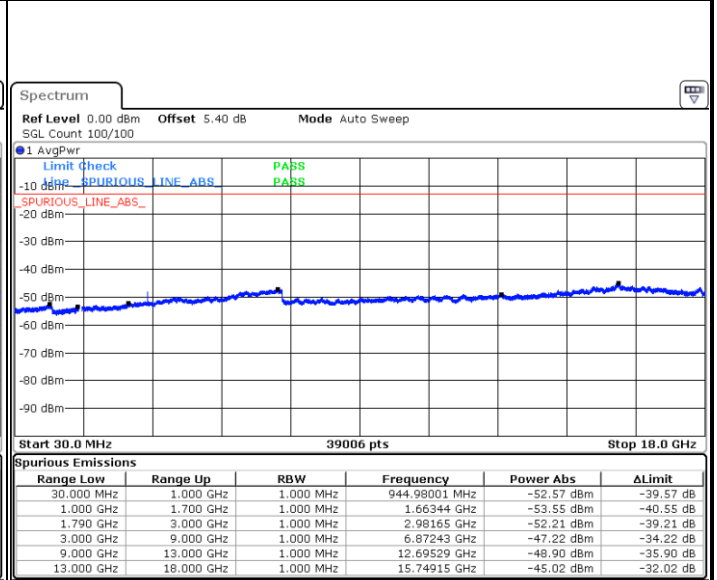
**LTE Band 66 / 10MHz**

**Lowest Channel / 64QAM**



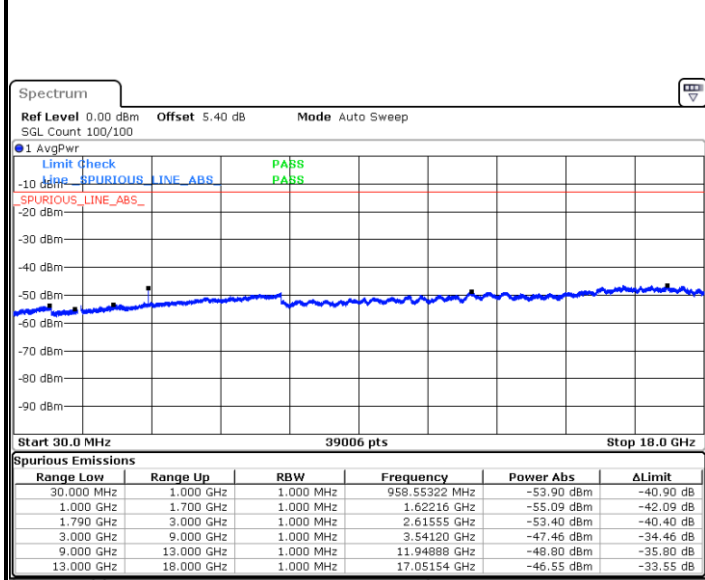
Date: 11 JUN 2020 07:33:02

**Middle Channel / 64QAM**



Date: 11 JUN 2020 05:51:28

**Highest Channel / 64QAM**

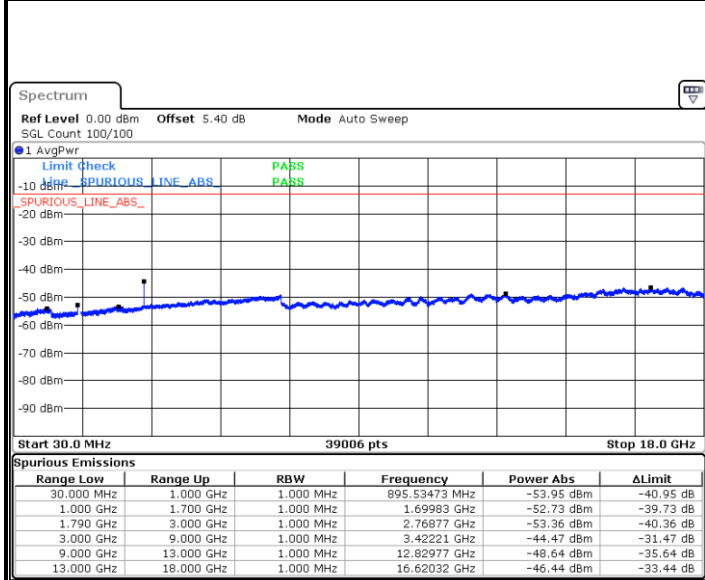


Date: 11 JUN 2020 07:30:46



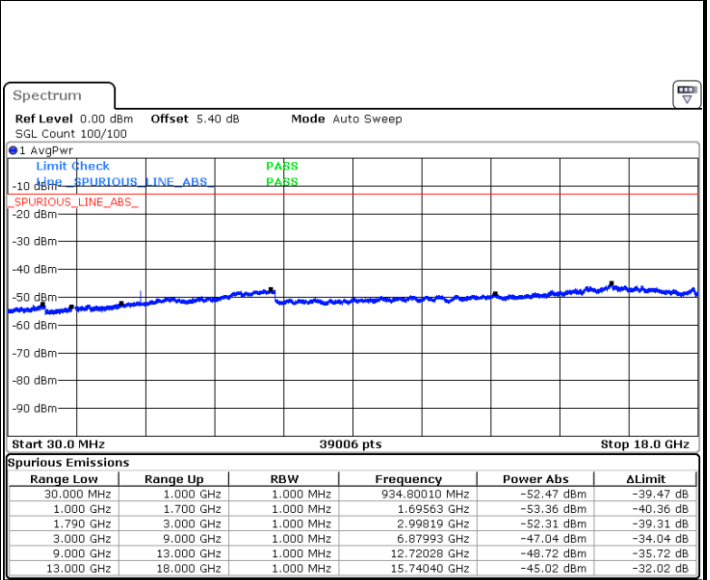
**LTE Band 66 / 15MHz**

**Lowest Channel / 64QAM**



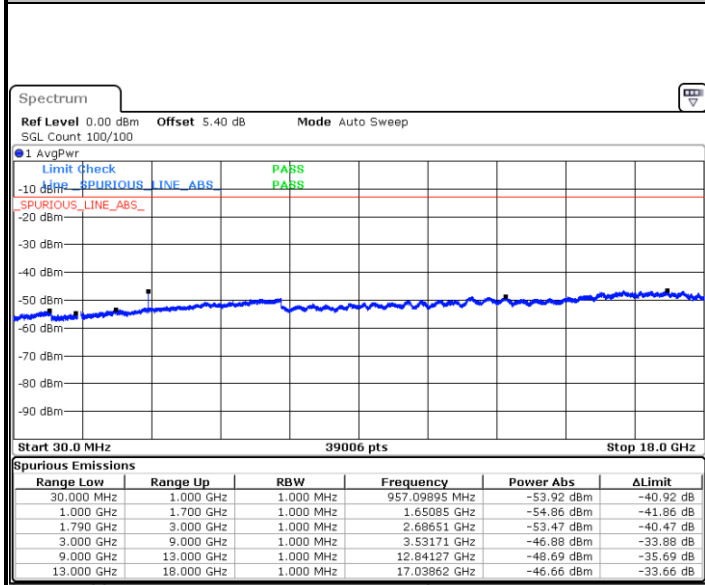
Date: 11 JUN 2020 07:48:34

**Middle Channel / 64QAM**



Date: 11 JUN 2020 05:52:18

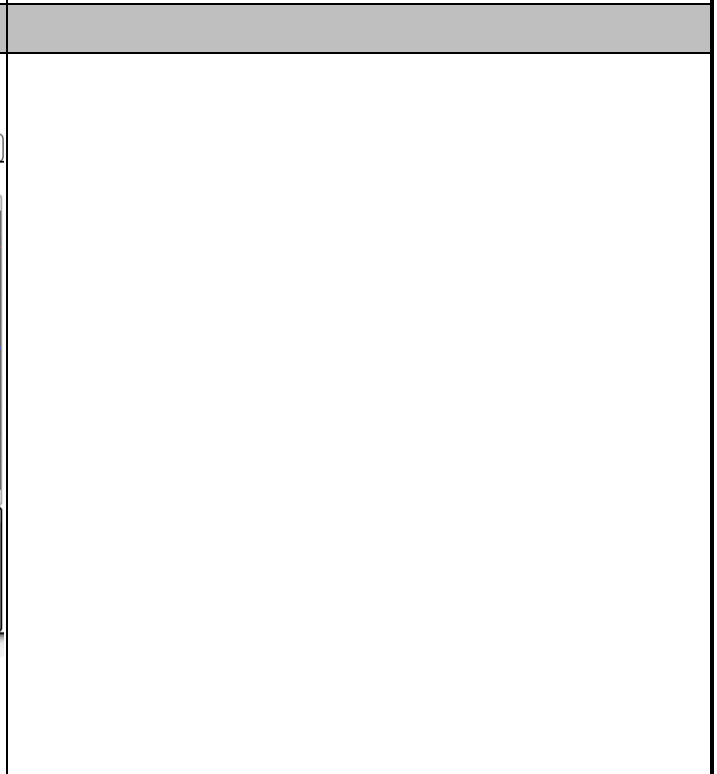
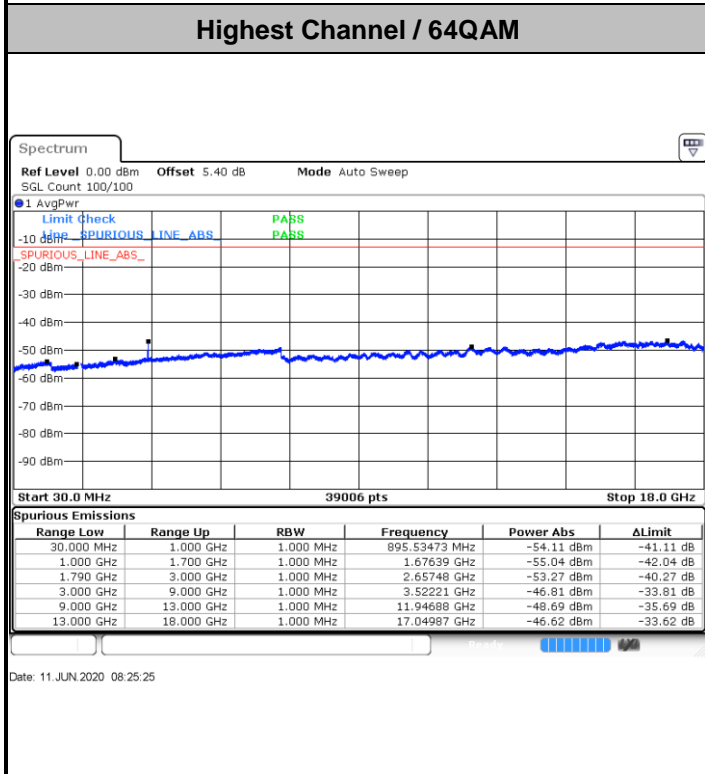
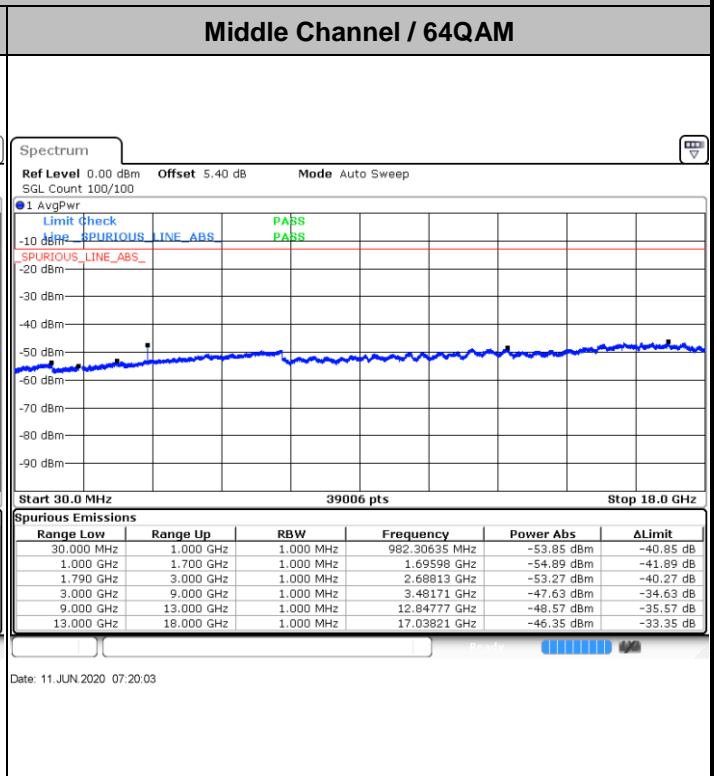
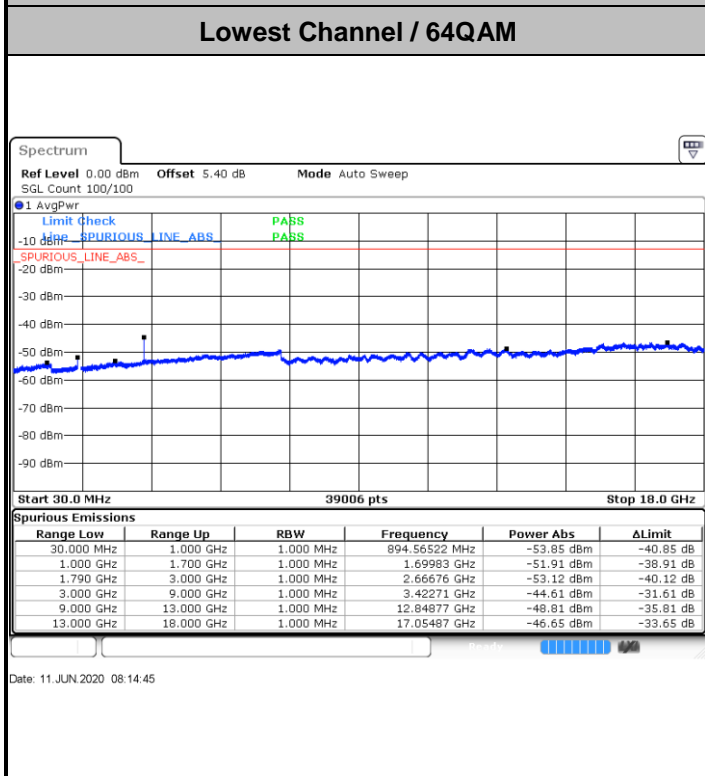
**Highest Channel / 64QAM**



Date: 11 JUN 2020 07:57:31



**LTE Band 66 / 20MHz**







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	0.0009	PASS
40	Normal Voltage	0.0024	
30	Normal Voltage	0.0033	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0015	
0	Normal Voltage	0.0035	
-10	Normal Voltage	0.0041	
-20	Normal Voltage	0.00027	
-30	Normal Voltage	0.0021	
20	Maximum Voltage	0.0028	
20	Normal Voltage	0.0013	
20	Battery End Point	0.0041	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



## LTE Band 5B\_CA

### 26dB Bandwidth

Mode	LTE Band 5B : 26dB BW(MHz)		
QPSK			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Lowest CH	8.07	8.15	14.54
Middle CH	8.10	8.22	14.51
Highest CH	8.09	8.14	14.57
BW	10MHz+5MHz	10MHz+10MHz	N/A
Lowest CH	14.66	19.82	-
Middle CH	14.66	19.74	-
Highest CH	14.63	19.50	-

Mode	LTE Band 5B : 26dB BW(MHz)		
16QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Lowest CH	8.07	8.20	14.54
Middle CH	8.07	8.14	14.69
Highest CH	8.06	8.10	14.57
BW	10MHz+5MHz	10MHz+10MHz	N/A
Lowest CH	14.72	19.54	-
Middle CH	14.69	19.78	-
Highest CH	14.57	19.66	-

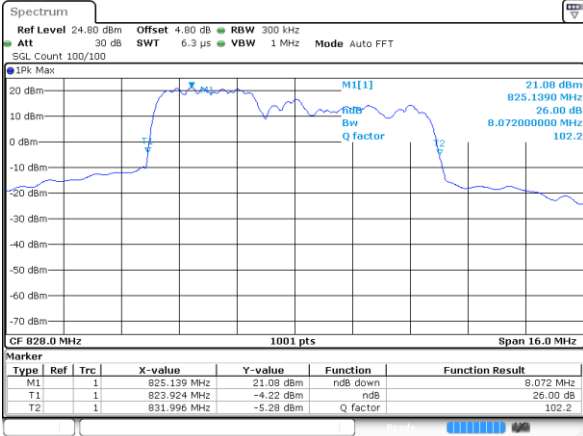
Mode	LTE Band 5B : 26dB BW(MHz)		
64QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Lowest CH	8.06	8.09	14.60
Middle CH	8.14	8.18	14.54
Highest CH	8.07	8.15	14.57
BW	10MHz+5MHz	10MHz+10MHz	N/A
Lowest CH	14.75	19.66	-
Middle CH	14.60	19.54	-
Highest CH	14.60	19.66	-



LTE Band 5B

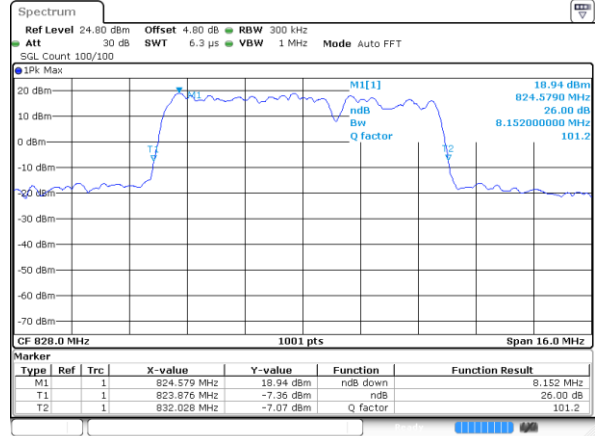
QPSK

Lowest Channel / 3MHz+5MHz



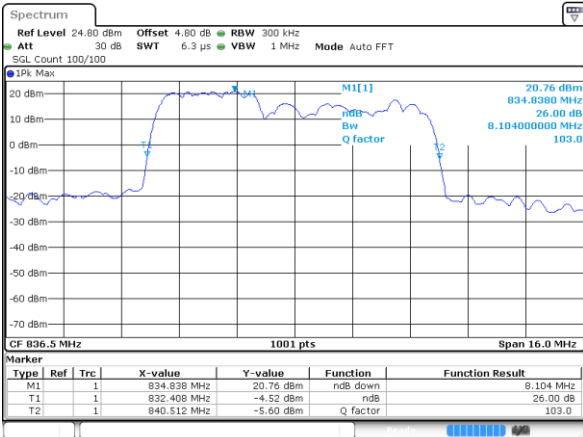
Date: 1 JUL 2020 21:56:49

Lowest Channel / 5MHz+3MHz



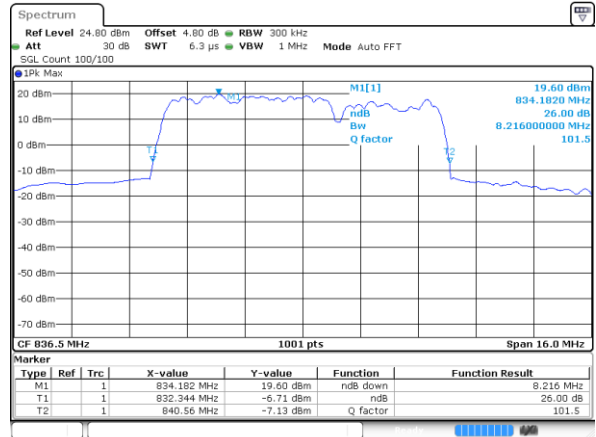
Date: 2 JUL 2020 12:34:27

Middle Channel / 3MHz+5MHz



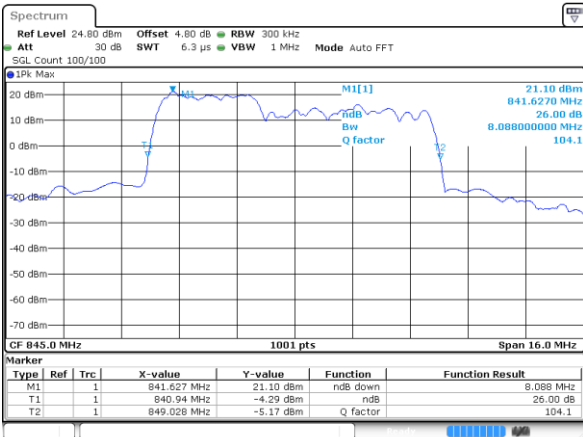
Date: 1 JUL 2020 23:00:49

Middle Channel / 5MHz+3MHz



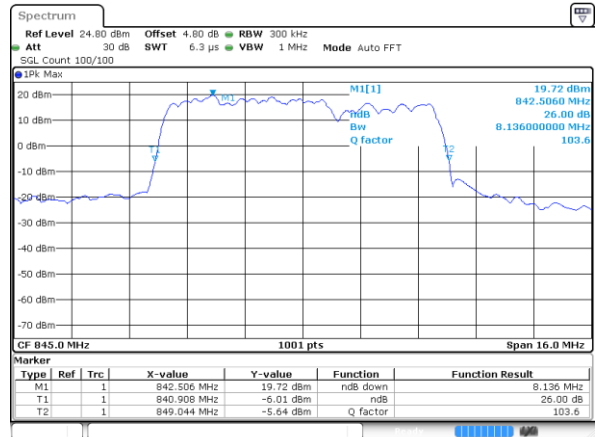
Date: 2 JUL 2020 12:55:08

Highest Channel / 3MHz+5MHz



Date: 1 JUL 2020 23:10:17

Highest Channel / 5MHz+3MHz



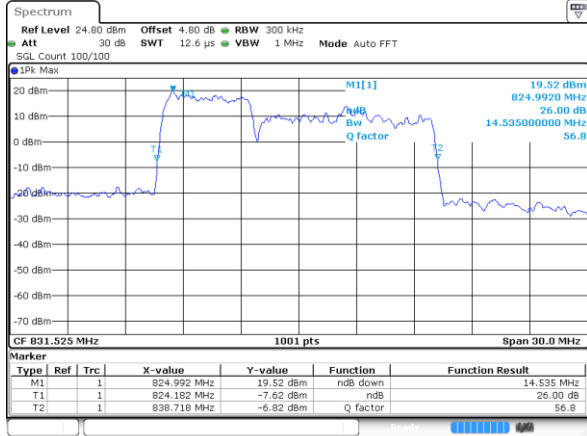
Date: 2 JUL 2020 13:00:29



LTE Band 5B

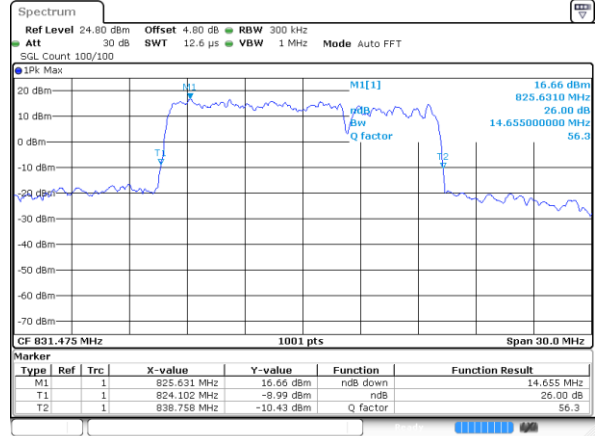
QPSK

Lowest Channel / 5MHz+10MHz



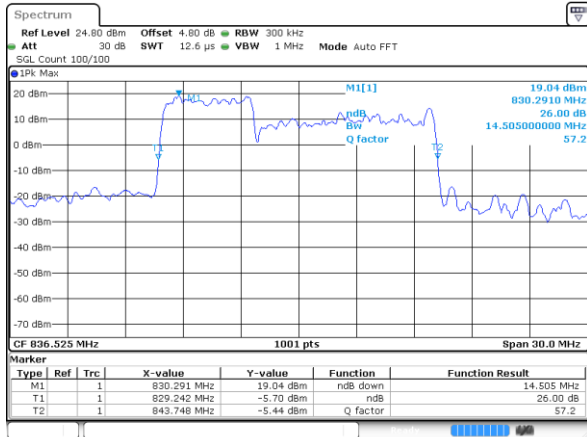
Date: 2 JUL 2020 14:55:22

Lowest Channel / 10MHz+5MHz



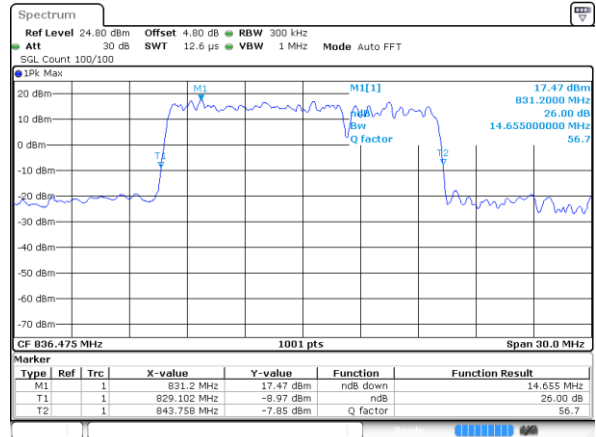
Date: 2 JUL 2020 15:57:38

Middle Channel / 5MHz+10MHz



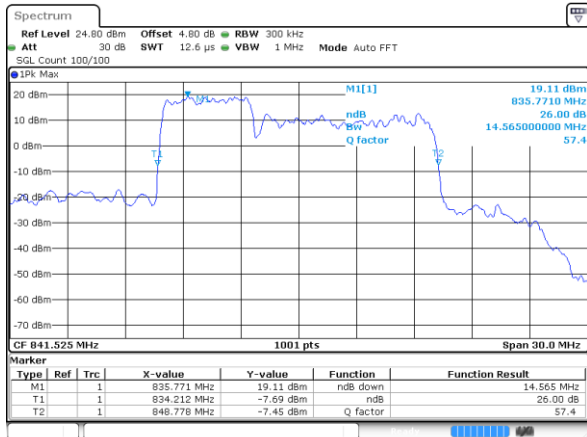
Date: 2 JUL 2020 15:25:10

Middle Channel / 10MHz+5MHz



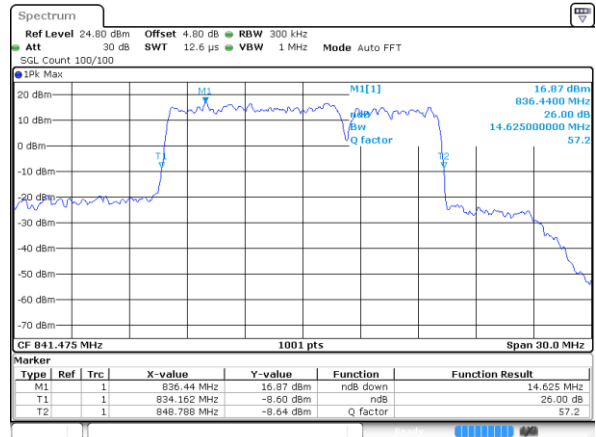
Date: 2 JUL 2020 16:12:04

Highest Channel / 5MHz+10MHz

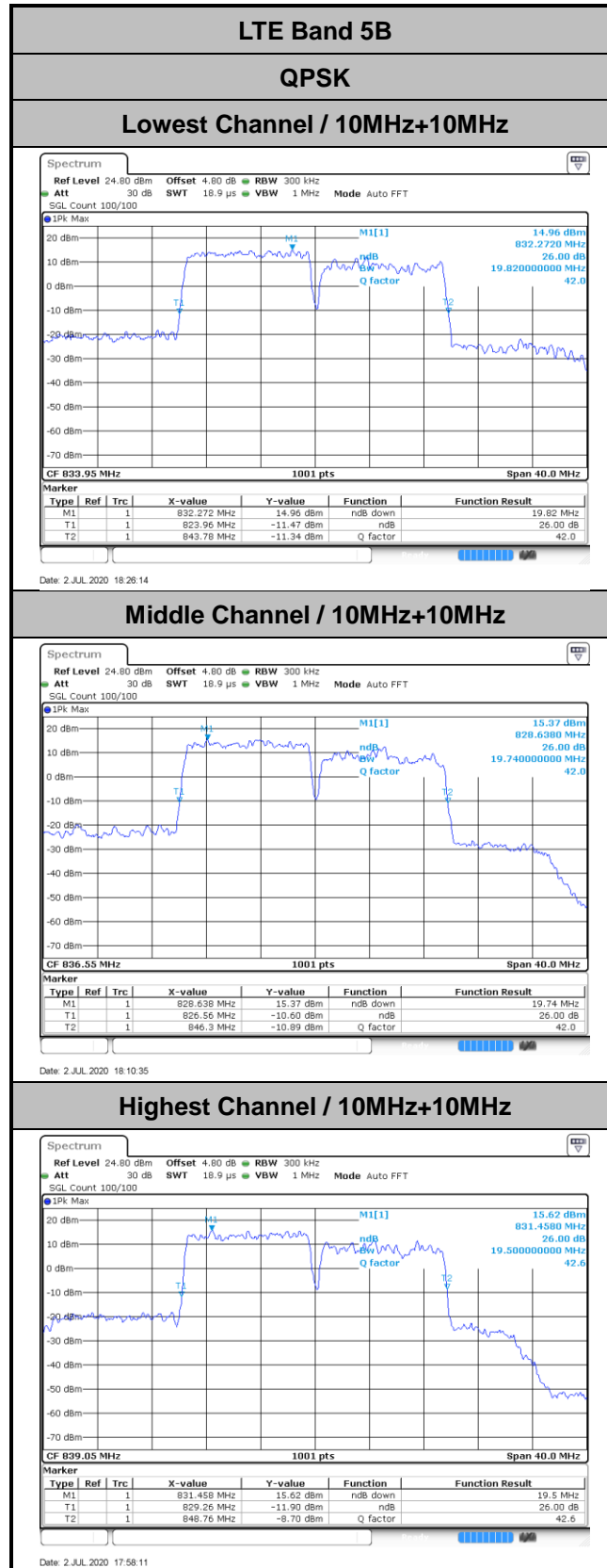


Date: 2 JUL 2020 15:38:37

Highest Channel / 10MHz+5MHz



Date: 2 JUL 2020 16:19:32

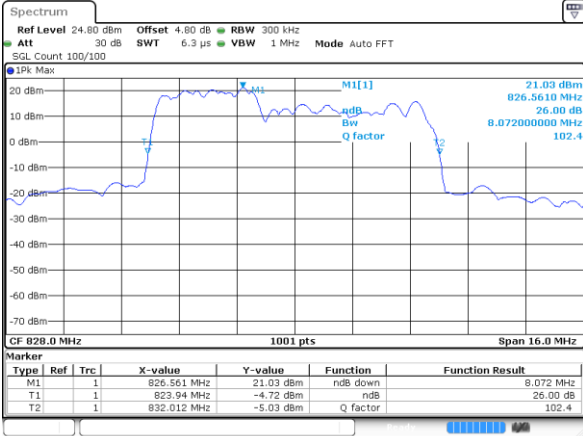




LTE Band 5B

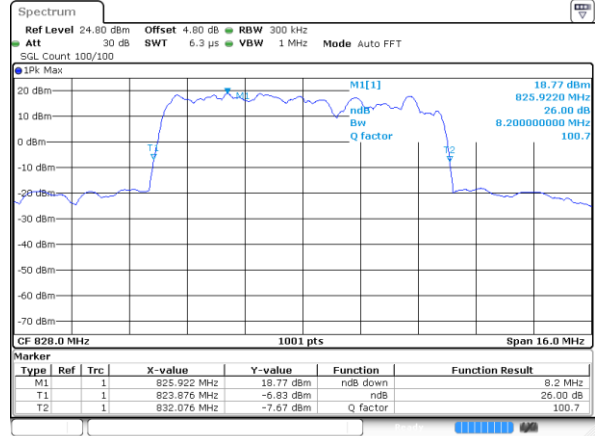
16QAM

Lowest Channel / 3MHz+5MHz



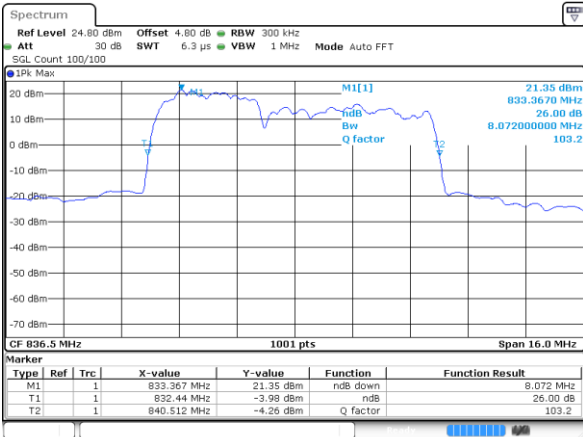
Date: 1 JUL 2020 21:58:15

Lowest Channel / 5MHz+3MHz



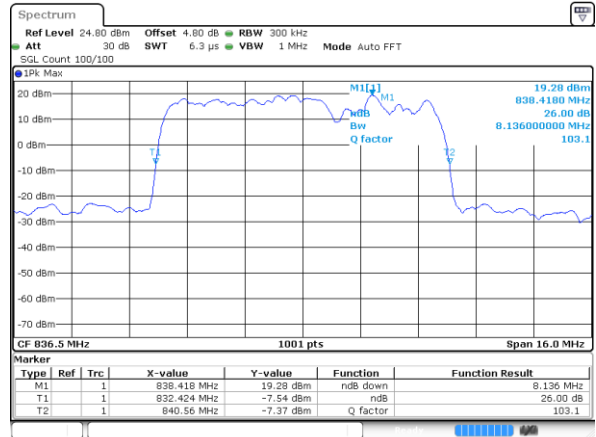
Date: 2 JUL 2020 12:35:35

Middle Channel / 3MHz+5MHz



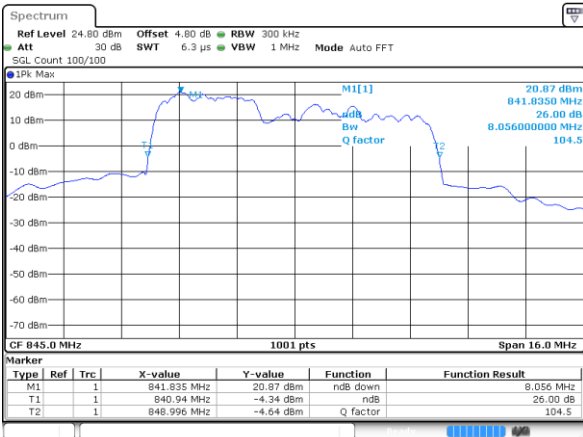
Date: 1 JUL 2020 23:01:27

Middle Channel / 5MHz+3MHz



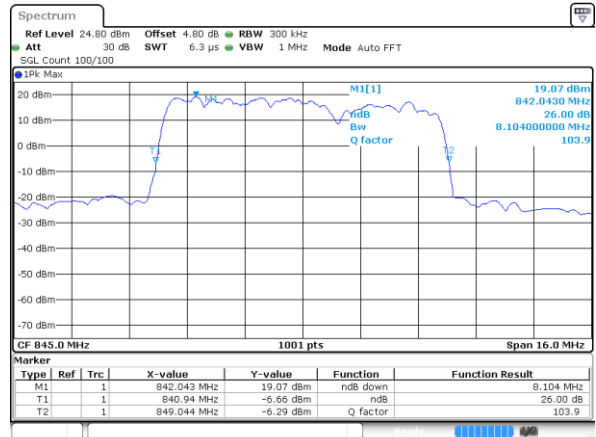
Date: 2 JUL 2020 12:56:07

Highest Channel / 3MHz+5MHz



Date: 1 JUL 2020 23:16:44

Highest Channel / 5MHz+3MHz



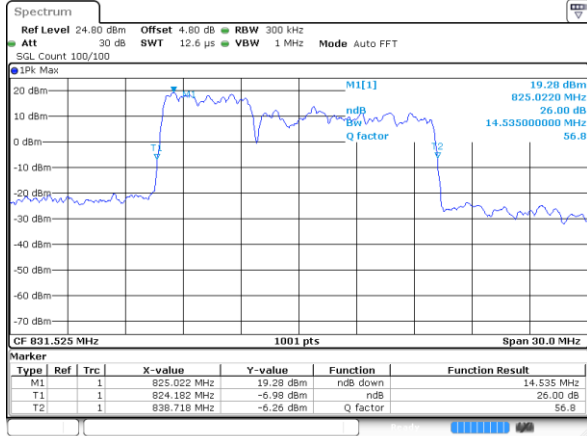
Date: 2 JUL 2020 12:59:13



LTE Band 5B

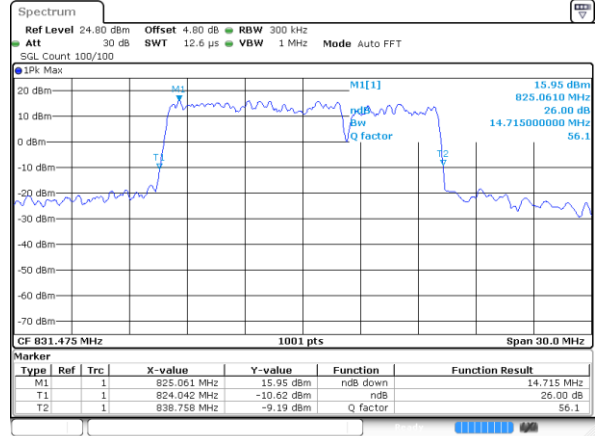
16QAM

Lowest Channel / 5MHz+10MHz



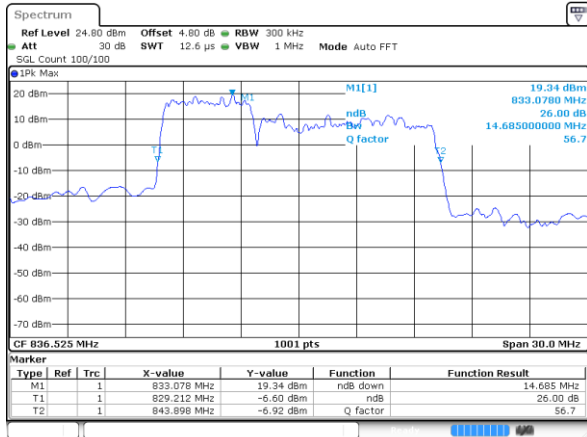
Date: 2 JUL 2020 14:56:14

Lowest Channel / 10MHz+5MHz



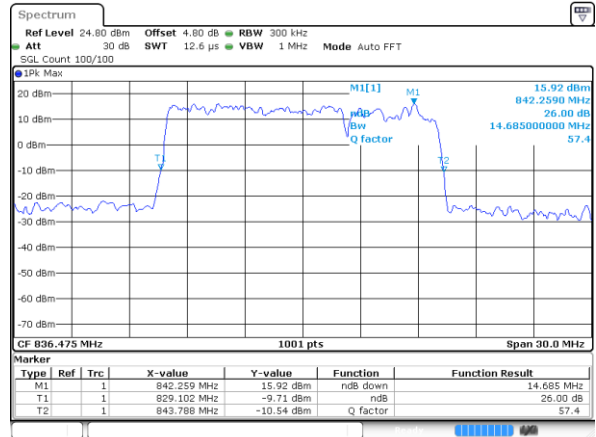
Date: 2 JUL 2020 15:58:28

Middle Channel / 5MHz+10MHz



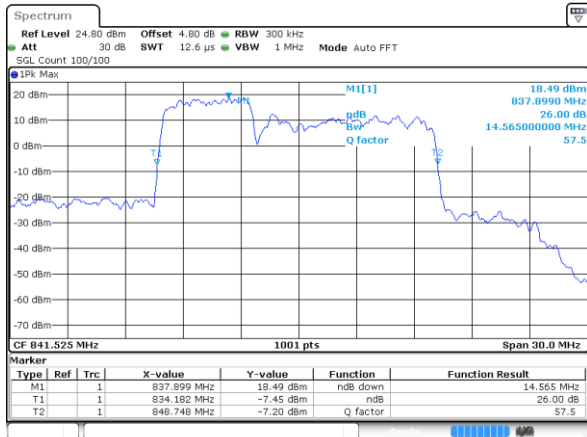
Date: 2 JUL 2020 15:25:44

Middle Channel / 10MHz+5MHz



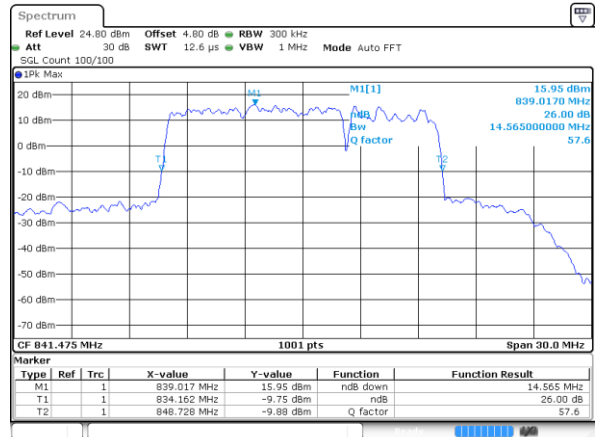
Date: 2 JUL 2020 16:12:31

Highest Channel / 5MHz+10MHz

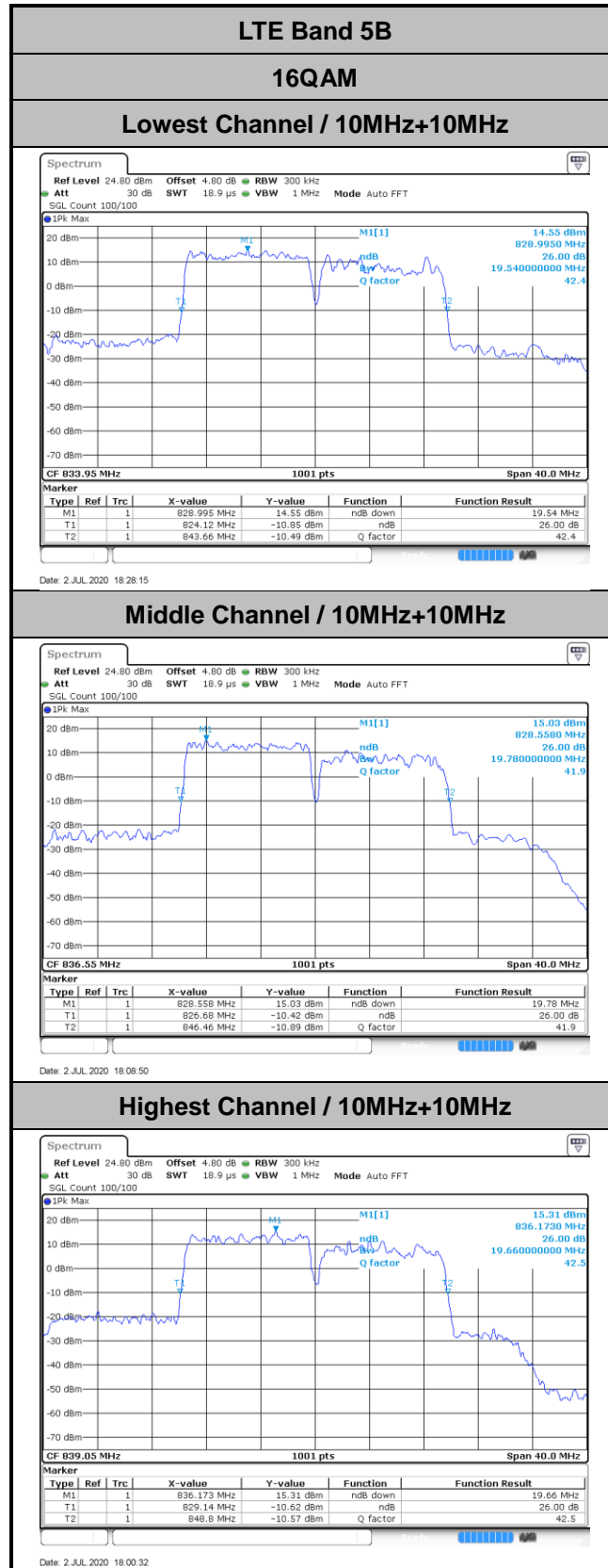


Date: 2 JUL 2020 15:39:39

Highest Channel / 10MHz+5MHz



Date: 2 JUL 2020 16:18:34



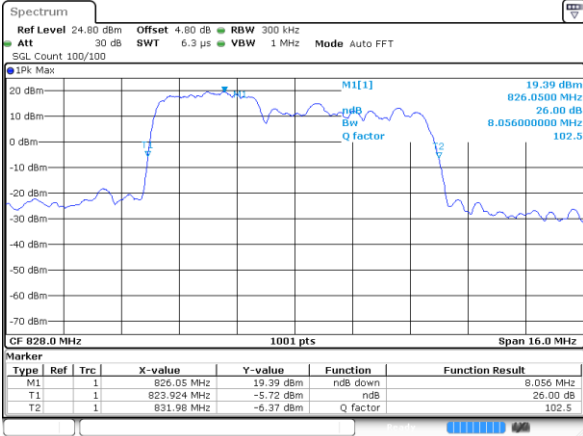




LTE Band 5B

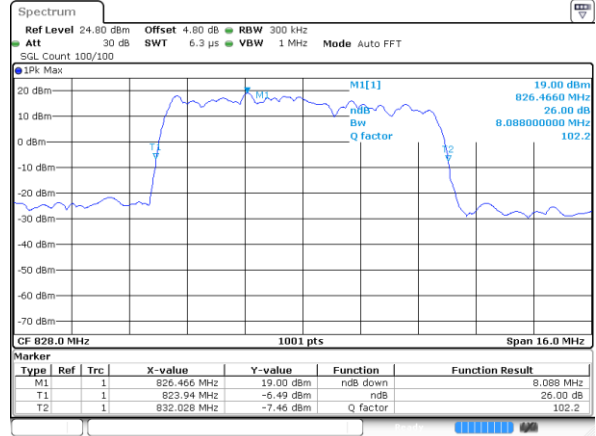
64QAM

Lowest Channel / 3MHz+5MHz



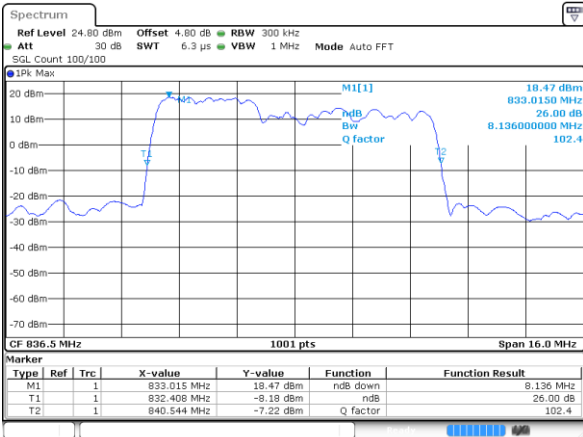
Date: 1 JUL 2020 22:01:13

Lowest Channel / 5MHz+3MHz



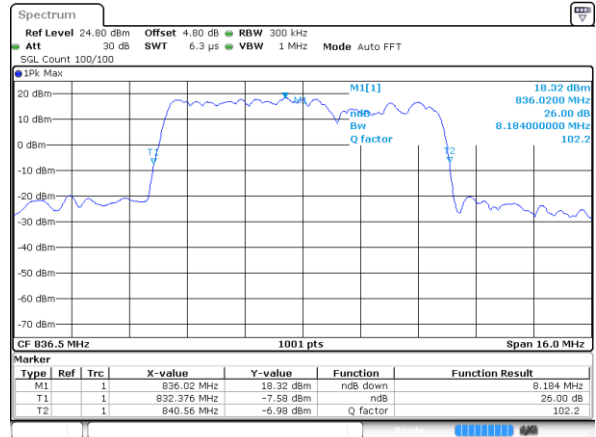
Date: 2 JUL 2020 12:37:10

Middle Channel / 3MHz+5MHz



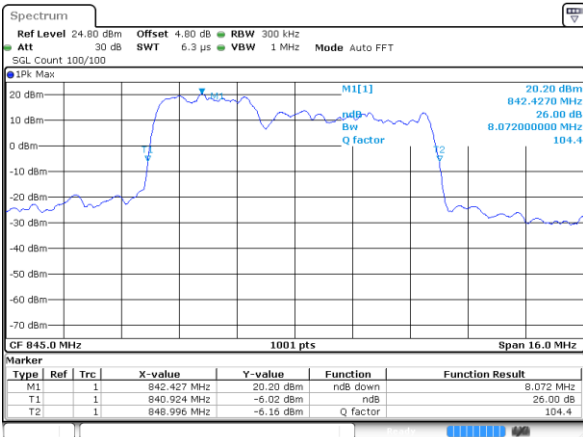
Date: 1 JUL 2020 23:02:07

Middle Channel / 5MHz+3MHz



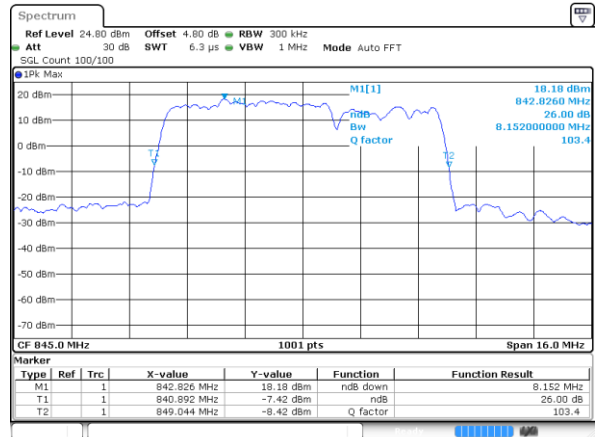
Date: 2 JUL 2020 12:56:51

Highest Channel / 3MHz+5MHz



Date: 1 JUL 2020 23:16:21

Highest Channel / 5MHz+3MHz



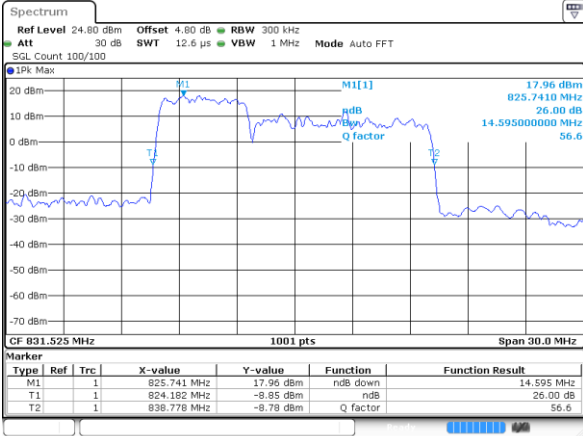
Date: 2 JUL 2020 12:58:01



LTE Band 5B

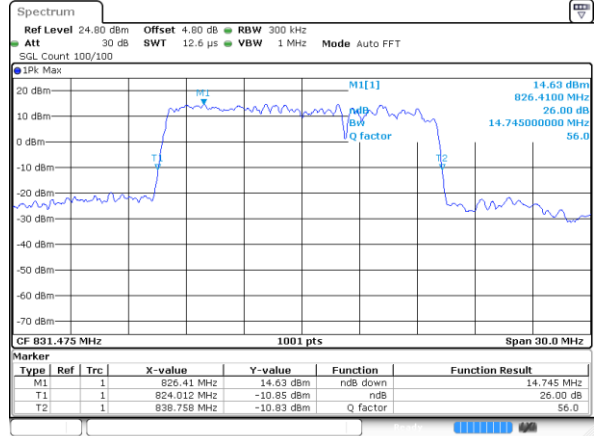
64QAM

Lowest Channel / 5MHz+10MHz



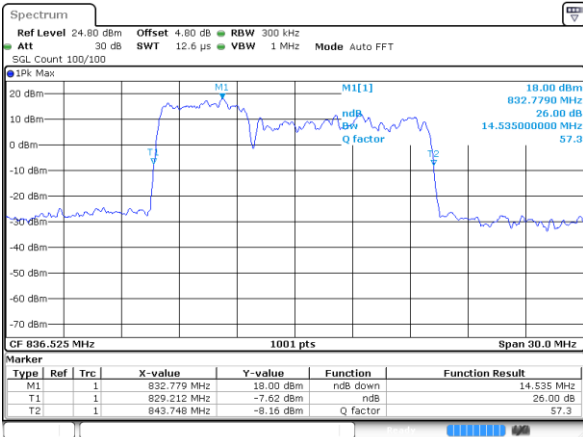
Date: 2 JUL 2020 14:57:02

Lowest Channel / 10MHz+5MHz



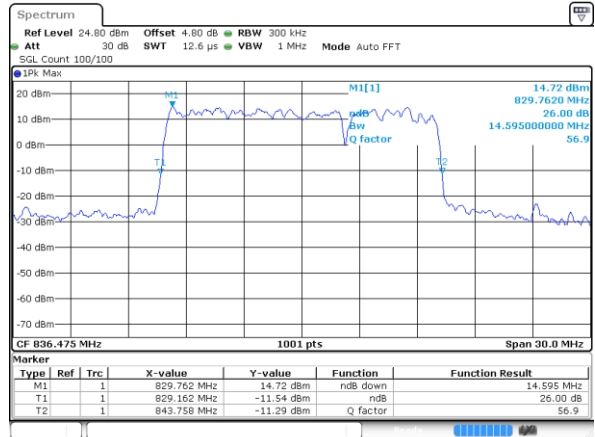
Date: 2 JUL 2020 15:59:17

Middle Channel / 5MHz+10MHz



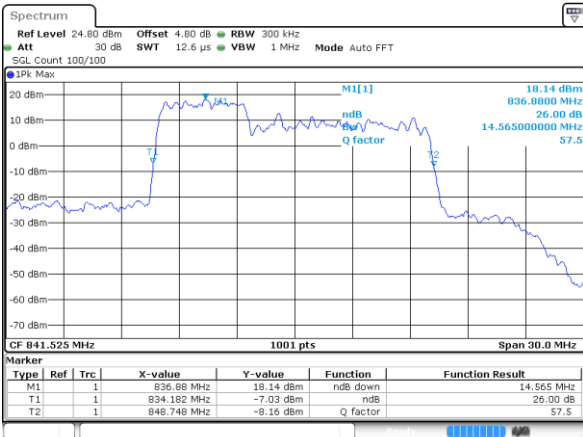
Date: 2 JUL 2020 15:26:27

Middle Channel / 10MHz+5MHz



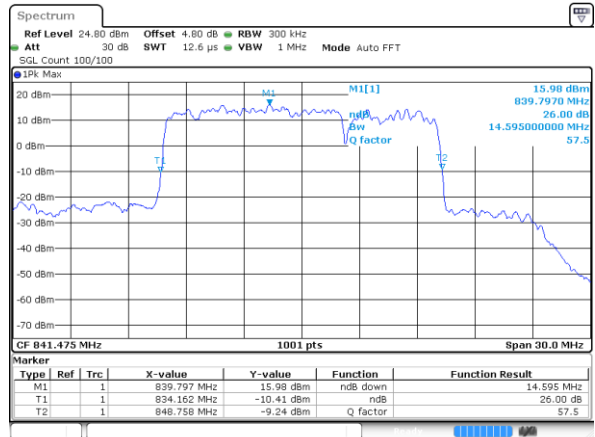
Date: 2 JUL 2020 16:12:57

Highest Channel / 5MHz+10MHz

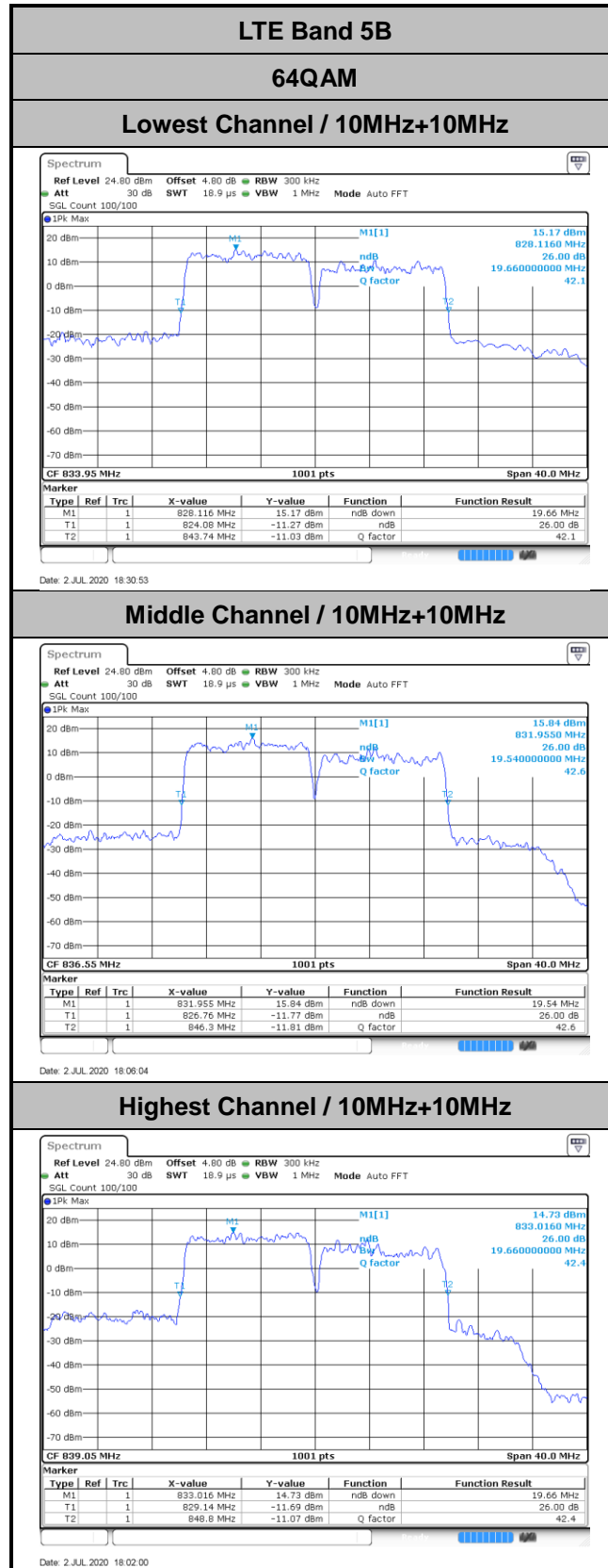


Date: 2 JUL 2020 15:40:43

Highest Channel / 10MHz+5MHz



Date: 2 JUL 2020 16:16:09





## Occupied Bandwidth

Mode	LTE Band 5B : 99%OBW(MHz)		
QPSK			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Lowest CH	7.51	7.54	13.76
Middle CH	7.59	7.53	13.76
Highest CH	7.51	7.51	13.82
BW	10MHz+5MHz	10MHz+10MHz	N/A
Lowest CH	13.97	18.78	-
Middle CH	13.88	18.70	-
Highest CH	13.76	18.62	-

Mode	LTE Band 5B : 99%OBW(MHz)		
16QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Lowest CH	7.50	7.48	13.73
Middle CH	7.50	7.54	13.79
Highest CH	7.53	7.56	13.88
BW	10MHz+5MHz	10MHz+10MHz	N/A
Lowest CH	13.91	18.66	-
Middle CH	13.91	18.70	-
Highest CH	13.76	18.74	-

Mode	LTE Band 5B : 99%OBW(MHz)		
64QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Lowest CH	7.48	7.51	13.82
Middle CH	7.51	7.61	13.94
Highest CH	7.50	7.54	13.82
BW	10MHz+5MHz	10MHz+10MHz	N/A
Lowest CH	13.91	18.82	-
Middle CH	13.97	18.70	-
Highest CH	13.88	18.70	-