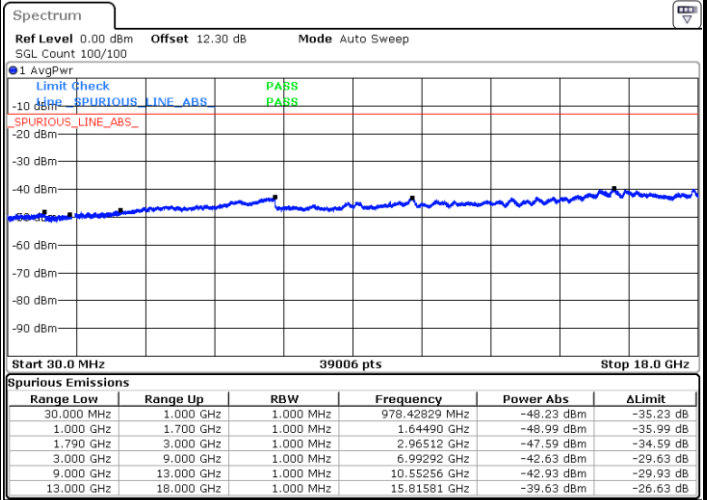
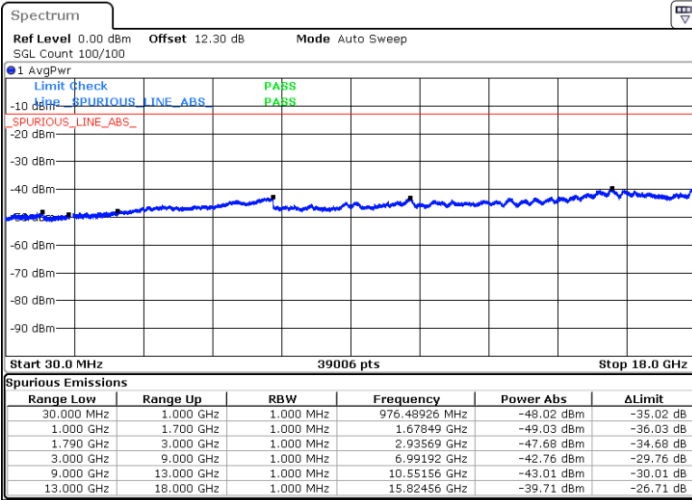




LTE Band 66 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

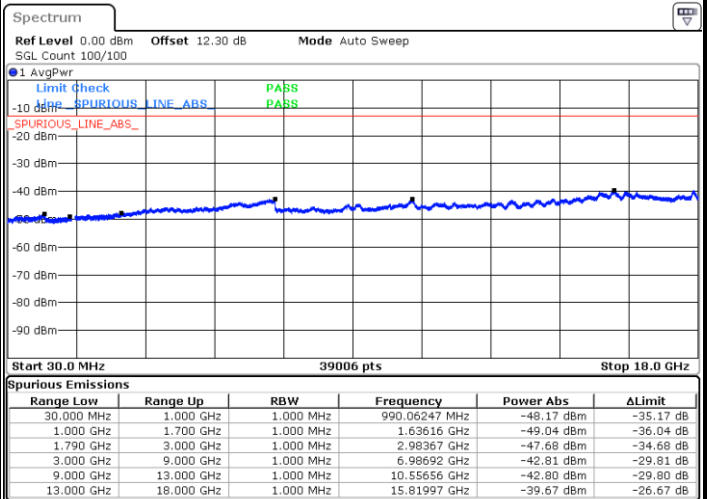
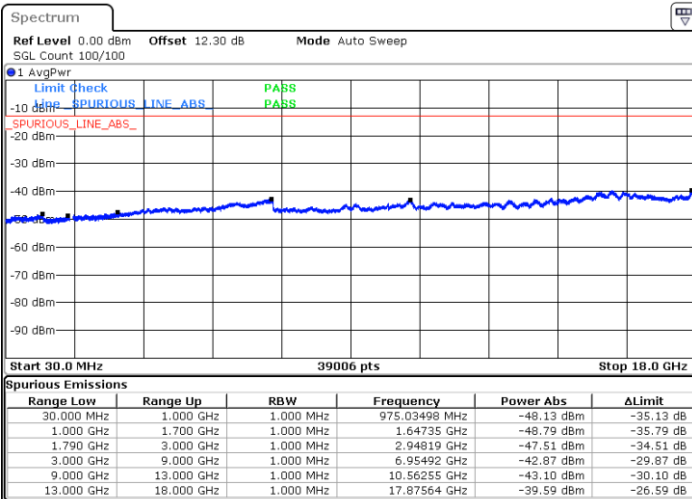


Date: 15.MAY.2020 21:26:47

Date: 15.MAY.2020 21:27:34

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 15.MAY.2020 21:31:55

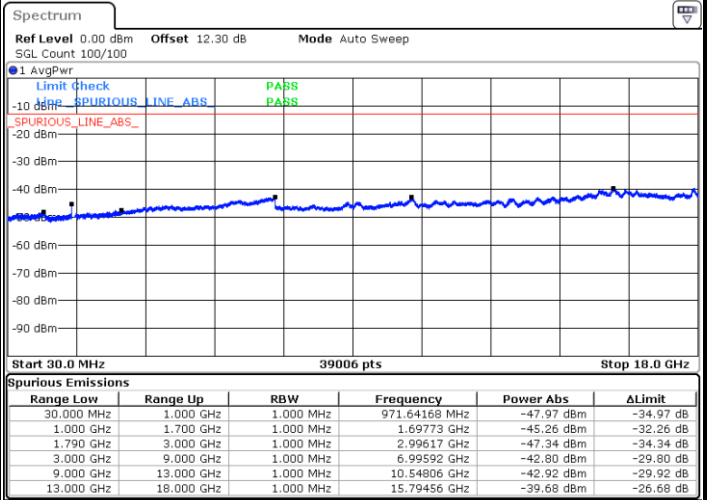
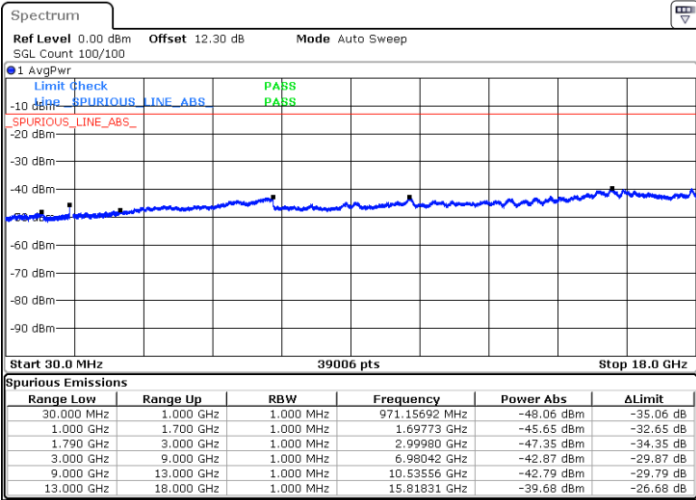
Date: 15.MAY.2020 21:32:42



LTE Band 66 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

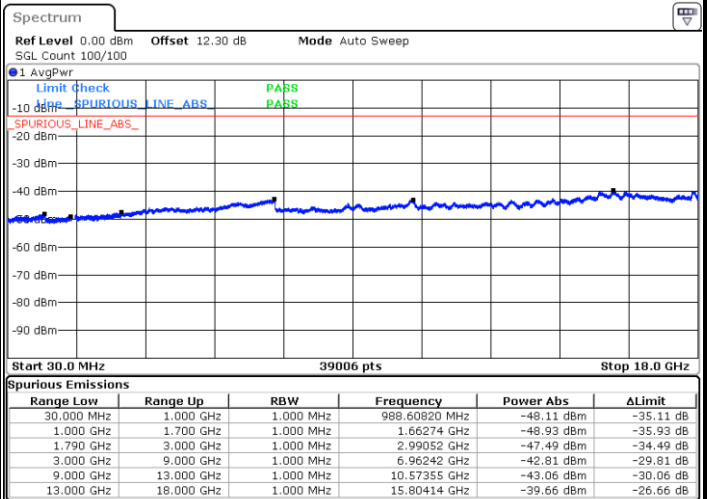
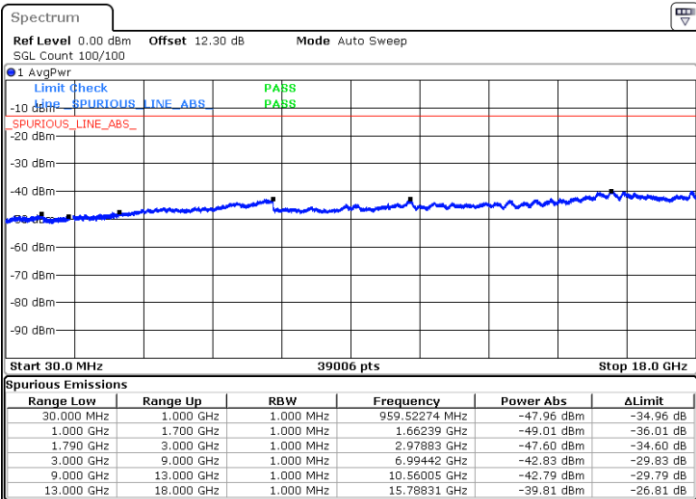


Date: 15.MAY.2020 21:49:43

Date: 15.MAY.2020 21:50:31

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 15.MAY.2020 21:52:07

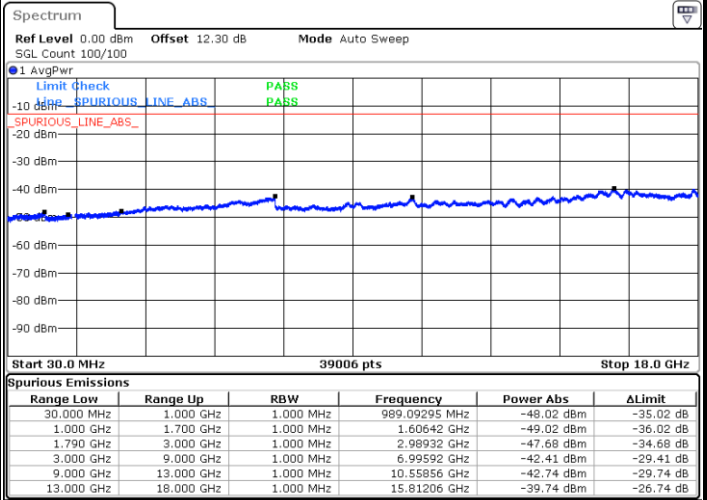
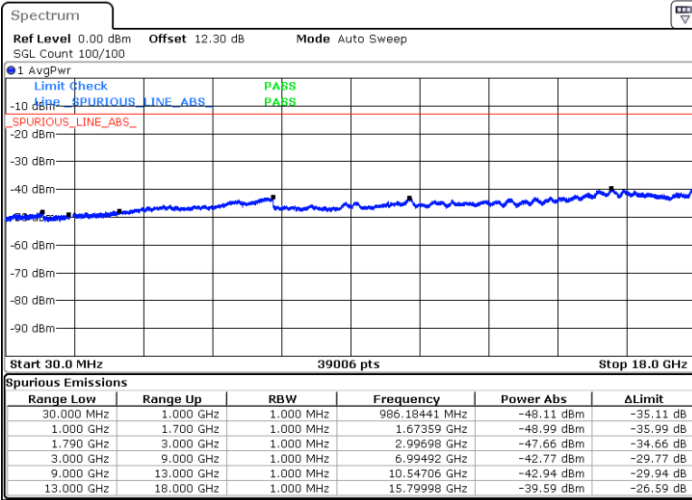
Date: 15.MAY.2020 21:52:54



LTE Band 66 / 15MHz

Highest Channel / QPSK

Highest Channel / 16QAM



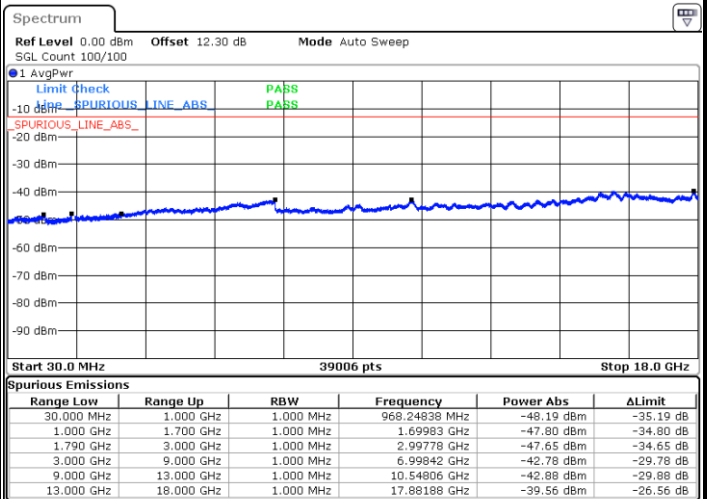
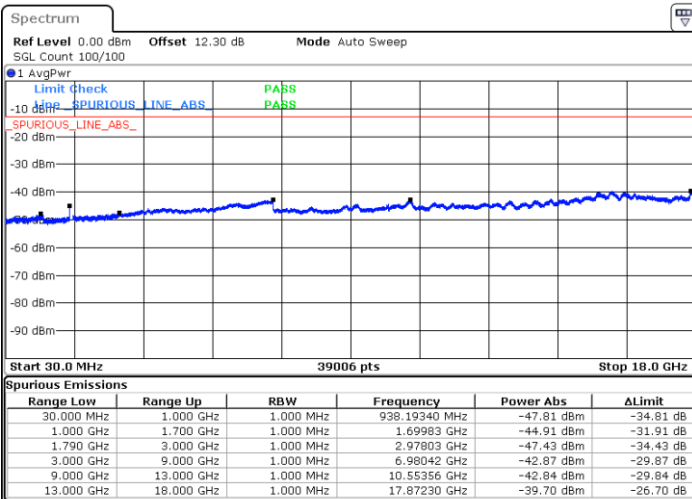
Date: 15.MAY.2020 21:57:20

Date: 15.MAY.2020 21:58:07

LTE Band 66 / 20MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 15.MAY.2020 22:02:29

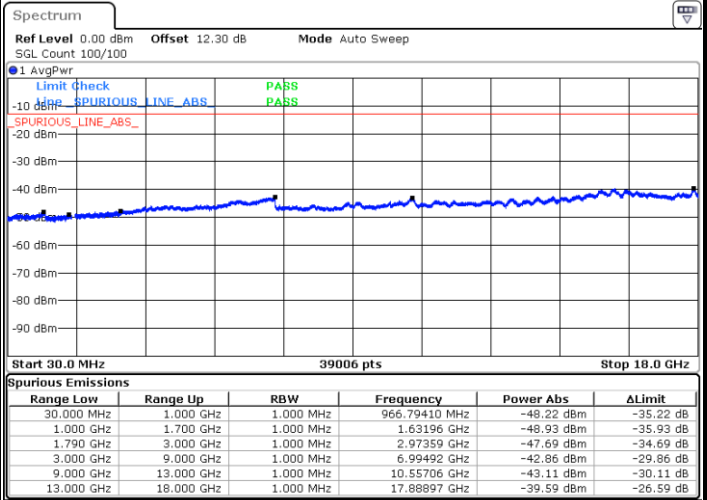
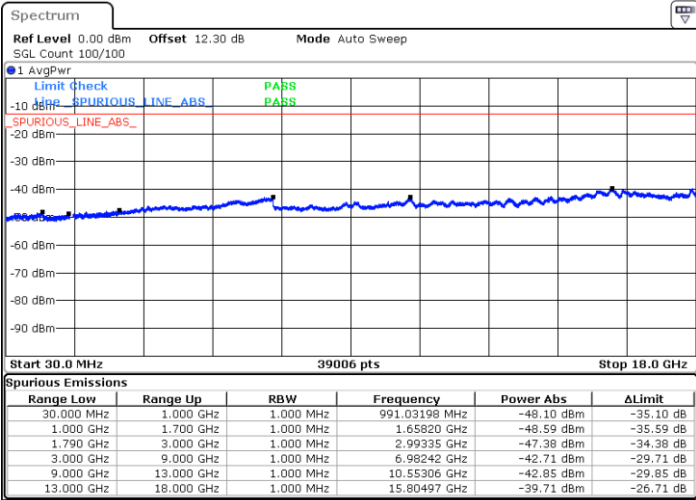
Date: 15.MAY.2020 22:03:16



LTE Band 66 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

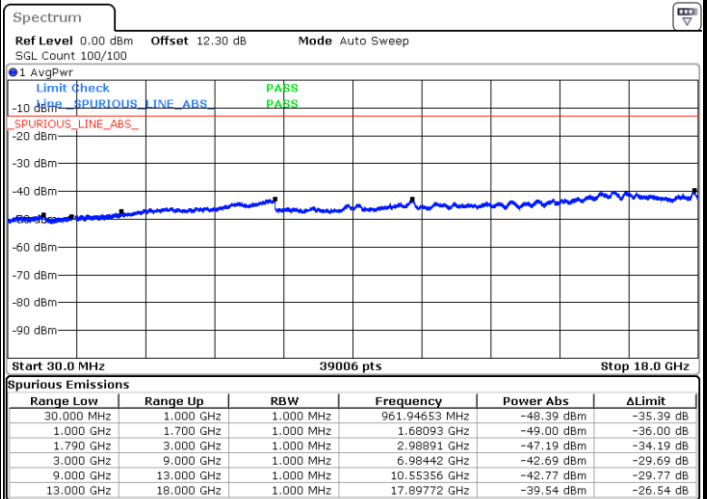
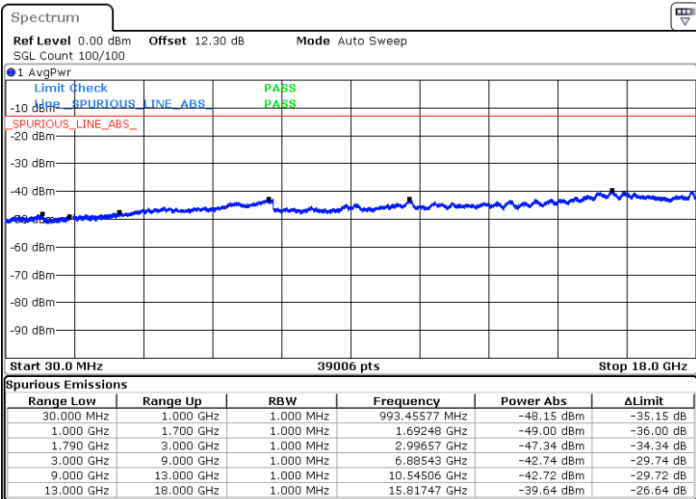


Date: 15.MAY.2020 22:04:52

Date: 15.MAY.2020 22:05:39

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 15.MAY.2020 22:09:59

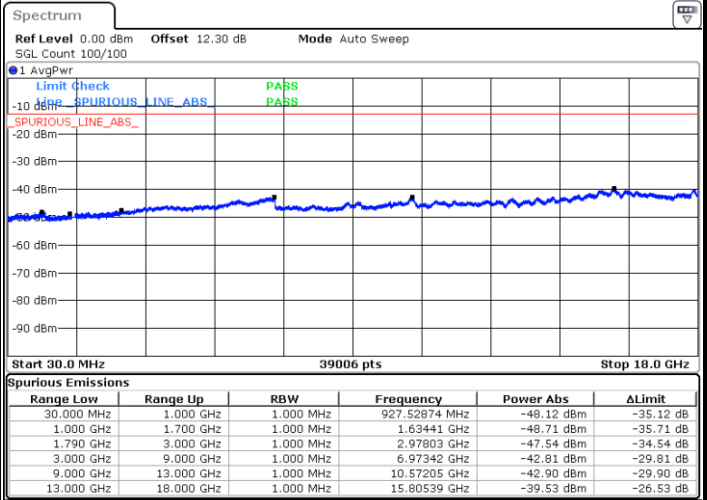
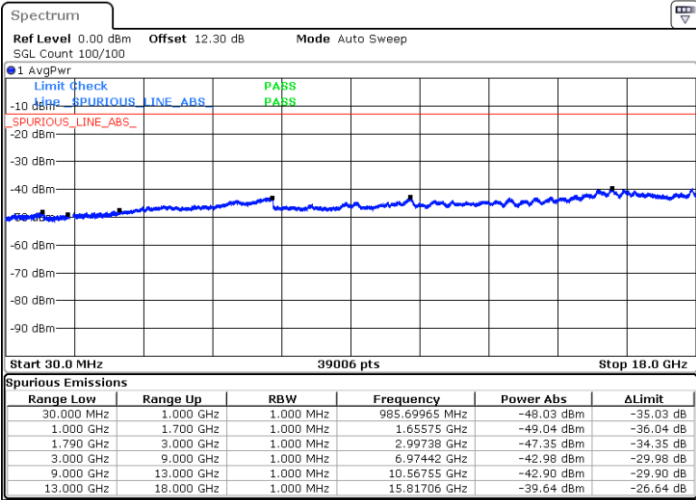
Date: 15.MAY.2020 22:10:47



LTE Band 66 / 1.4MHz

Lowest Channel / 64QAM

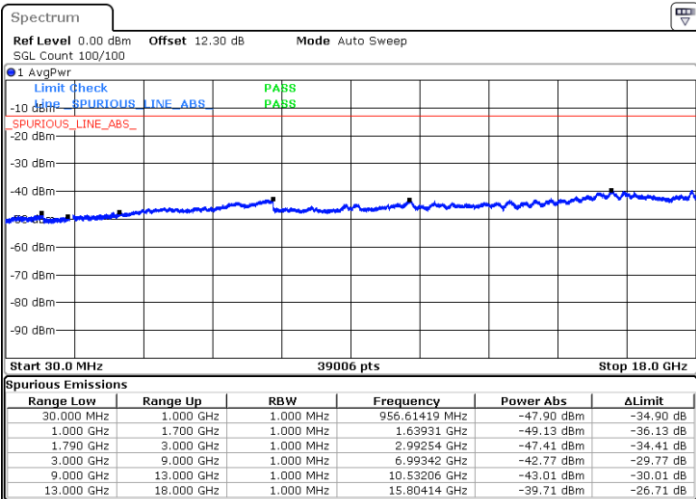
Middle Channel / 64QAM



Date: 15.MAY.2020 20:28:06

Date: 15.MAY.2020 20:29:17

Highest Channel / 64QAM



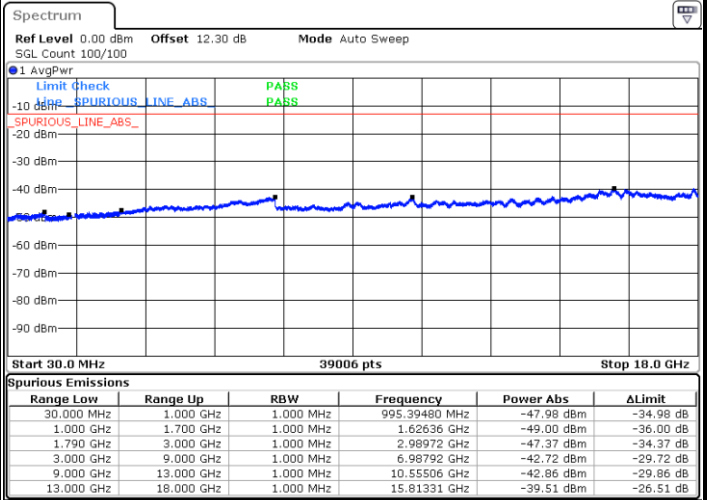
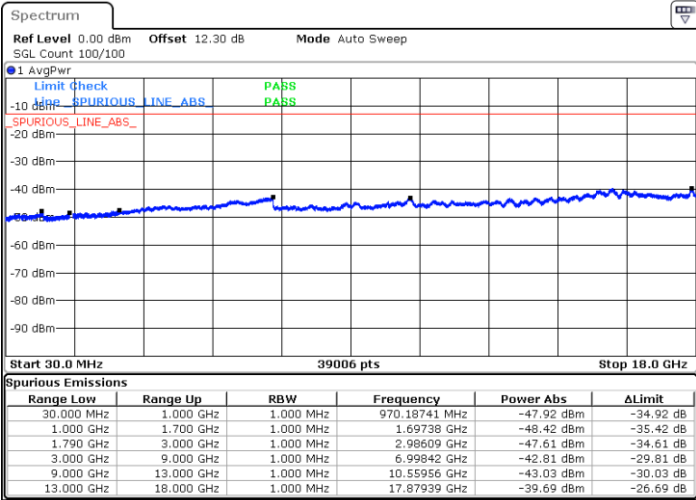
Date: 15.MAY.2020 20:32:37



LTE Band 66 / 3MHz

Lowest Channel / 64QAM

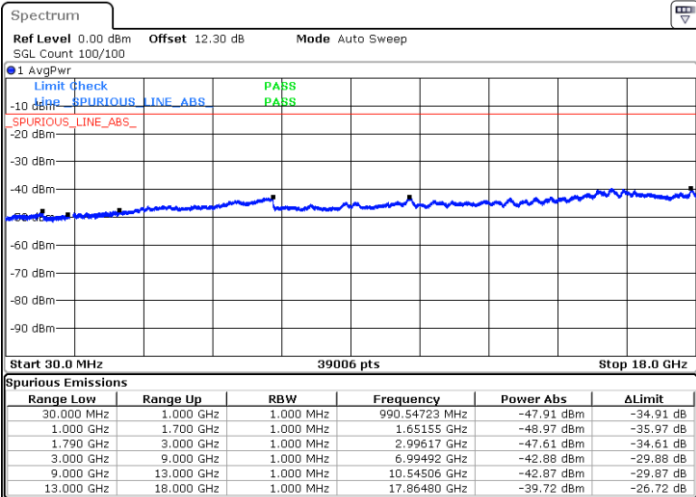
Middle Channel / 64QAM



Date: 15.MAY.2020 20:51:09

Date: 15.MAY.2020 20:52:20

Highest Channel / 64QAM

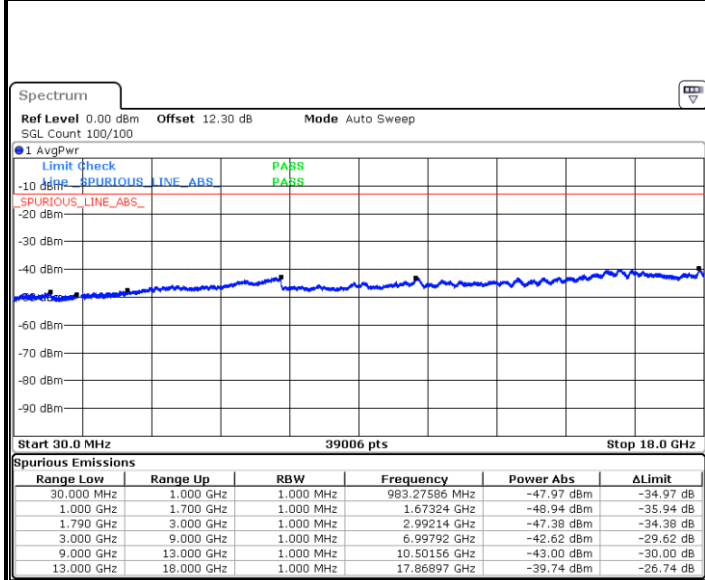


Date: 15.MAY.2020 20:55:33



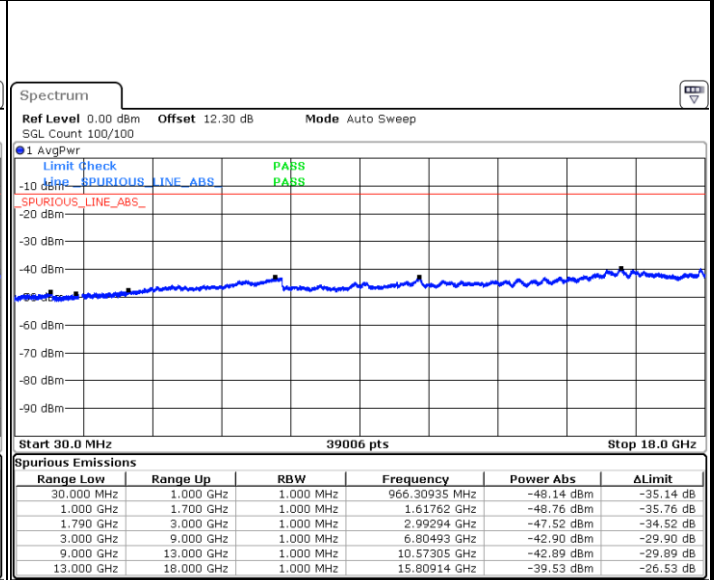
LTE Band 66 / 5MHz

Lowest Channel / 64QAM



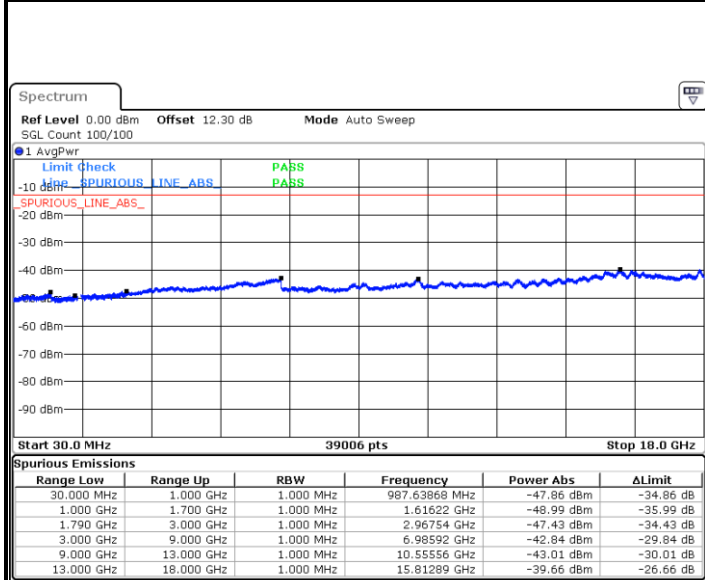
Date: 15.MAY.2020 20:58:46

Middle Channel / 64QAM



Date: 15.MAY.2020 20:59:58

Highest Channel / 64QAM



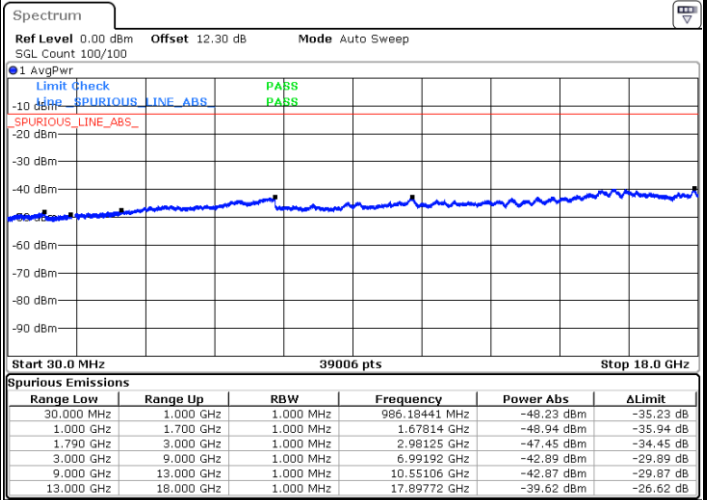
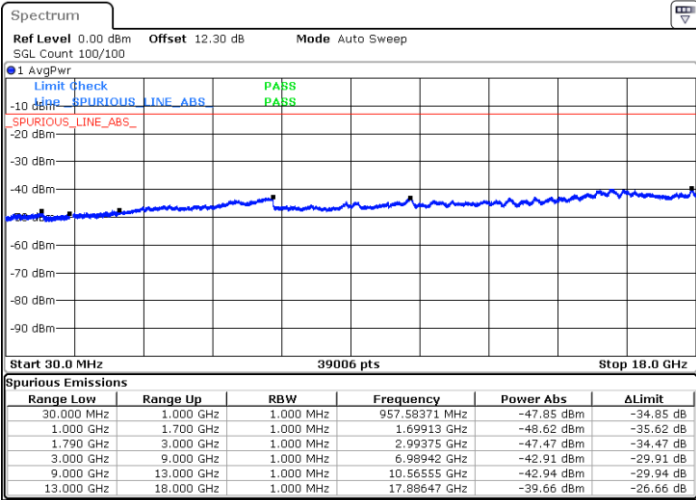
Date: 15.MAY.2020 21:03:11



LTE Band 66 / 10MHz

Lowest Channel / 64QAM

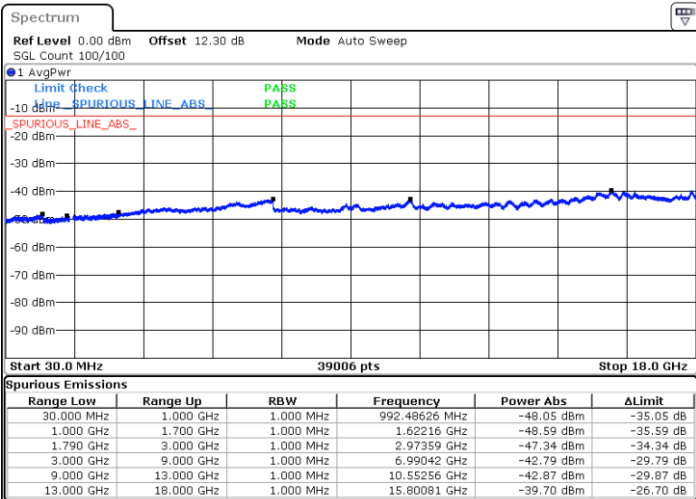
Middle Channel / 64QAM



Date: 15.MAY.2020 21:35:16

Date: 15.MAY.2020 21:36:27

Highest Channel / 64QAM



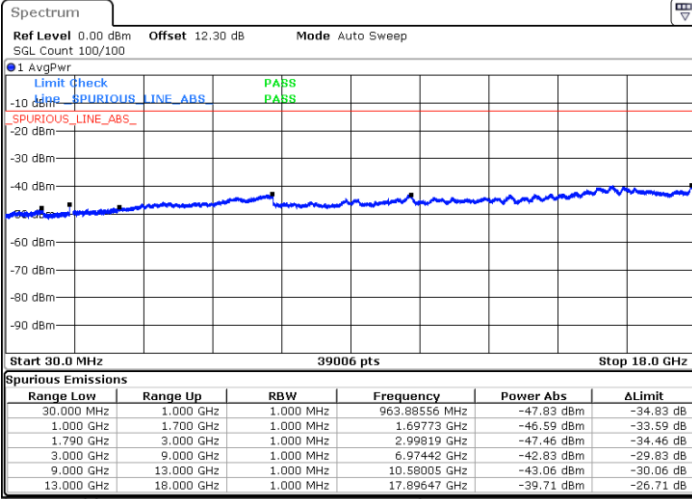
Date: 15.MAY.2020 21:39:00



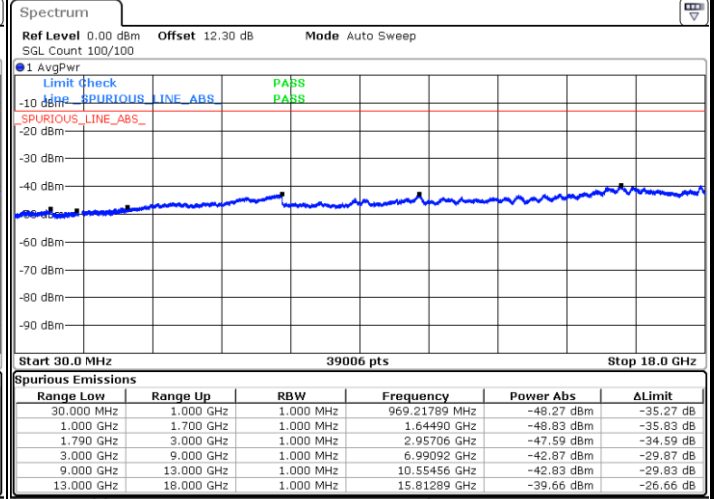
LTE Band 66 / 15MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

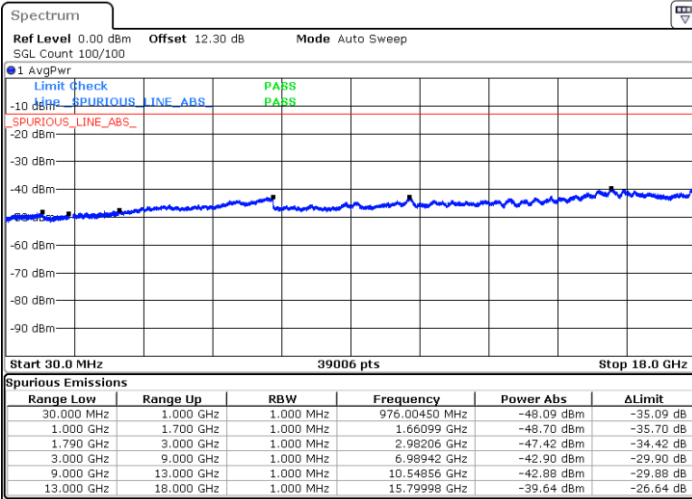


Date: 15.MAY.2020 21:41:37



Date: 15.MAY.2020 21:42:49

Highest Channel / 64QAM



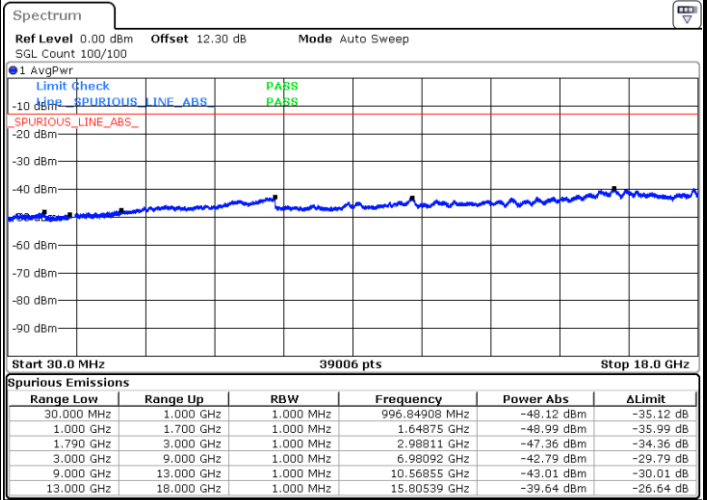
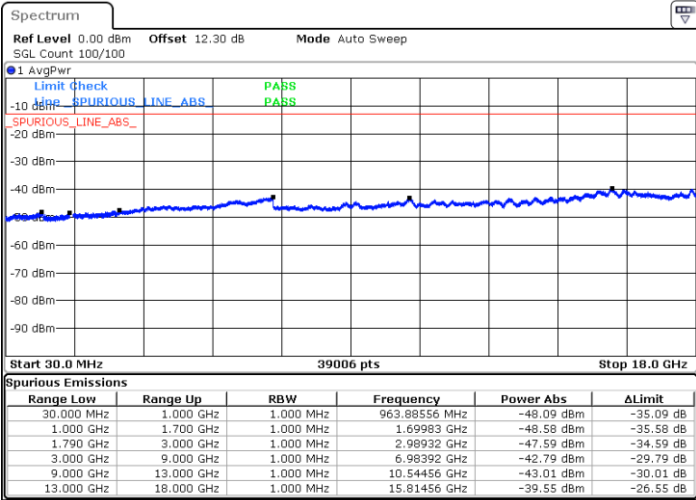
Date: 15.MAY.2020 21:45:23



LTE Band 66 / 20MHz

Lowest Channel / 64QAM

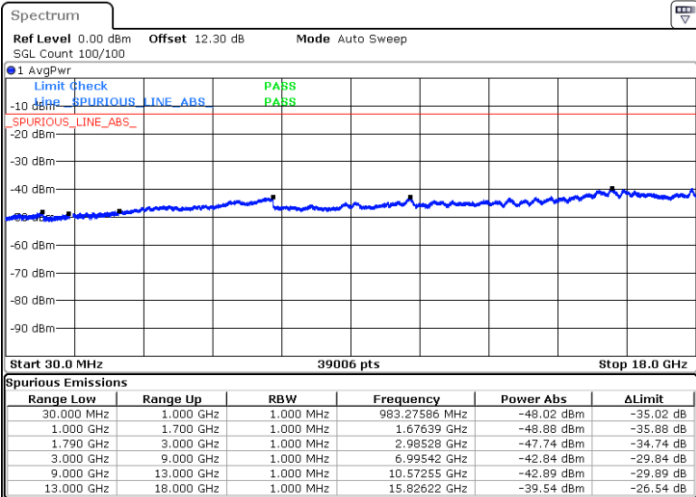
Middle Channel / 64QAM



Date: 15.MAY.2020 22:13:19

Date: 15.MAY.2020 22:14:31

Highest Channel / 64QAM



Date: 15.MAY.2020 22:17:03



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	0.0014	PASS
40	Normal Voltage	0.0021	
30	Normal Voltage	0.0053	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0008	
0	Normal Voltage	0.0060	
-10	Normal Voltage	0.0042	
-20	Normal Voltage	0.0025	
-30	Normal Voltage	0.0067	
20	Maximum Voltage	0.0071	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0017	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.49 V. ; Maximum Voltage =4.45 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 66B

26dB Bandwidth

Mode	LTE Band 66B : 26dB BW(MHz)		
QPSK			
BW	5MHz+5MHz	5MHz+10MHz	5MHz+15MHz
Lowest CH	9.91	14.57	18.90
Middle CH	9.91	14.54	18.82
Highest CH	9.93	14.60	18.86
BW	10MHz+5MHz	10MHz+10MHz	15MHz+5MHz
Lowest CH	14.63	19.54	18.90
Middle CH	14.63	19.50	18.94
Highest CH	14.63	19.78	19.18

Mode	LTE Band 66B : 26dB BW(MHz)		
16QAM			
BW	5MHz+5MHz	5MHz+10MHz	5MHz+15MHz
Lowest CH	9.89	14.51	18.98
Middle CH	9.93	14.48	18.90
Highest CH	9.93	14.72	18.98
BW	10MHz+5MHz	10MHz+10MHz	15MHz+5MHz
Lowest CH	14.57	19.66	19.02
Middle CH	14.54	19.50	18.94
Highest CH	14.69	19.54	19.06

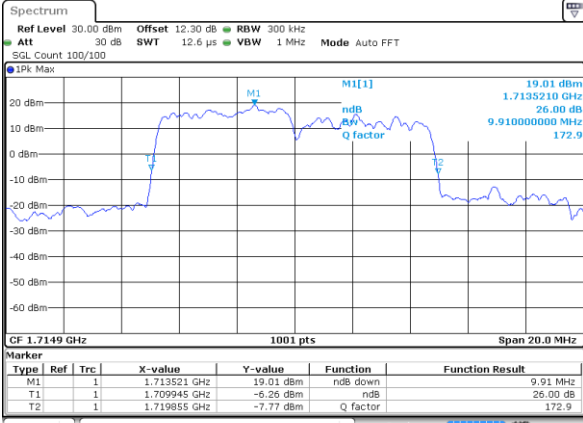
Mode	LTE Band 66B : 26dB BW(MHz)		
64QAM			
BW	5MHz+5MHz	5MHz+10MHz	5MHz+15MHz
Lowest CH	9.97	14.60	18.94
Middle CH	10.01	14.45	18.94
Highest CH	9.93	14.69	18.90
BW	10MHz+5MHz	10MHz+10MHz	15MHz+5MHz
Lowest CH	14.66	19.78	18.98
Middle CH	14.84	19.62	19.06
Highest CH	14.66	19.70	19.14



LTE Band 66B

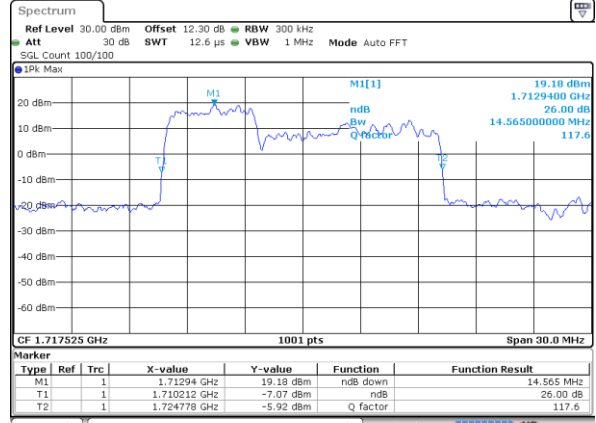
QPSK

Lowest Channel / 5MHz+5MHz



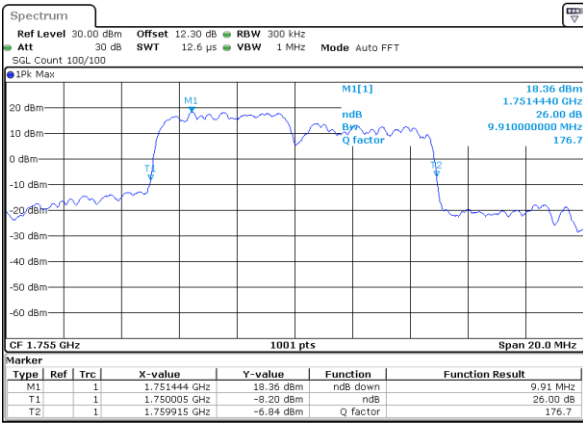
Date: 15 MAY 2020 22:57:04

Lowest Channel / 5MHz+10MHz



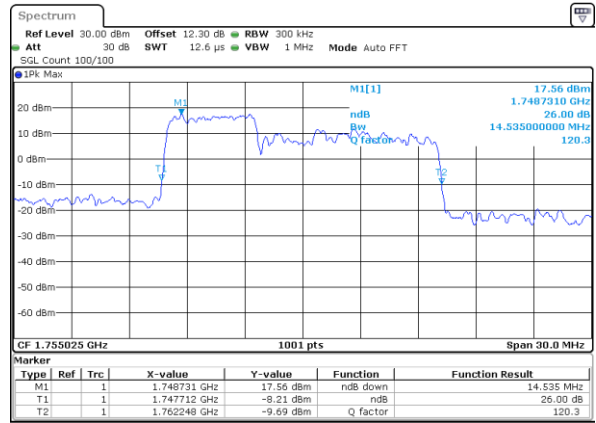
Date: 16 MAY 2020 01:33:29

Middle Channel / 5MHz+5MHz



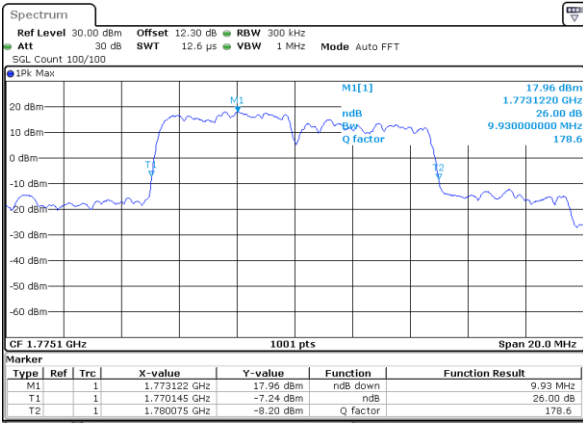
Date: 15 MAY 2020 23:26:27

Middle Channel / 5MHz+10MHz



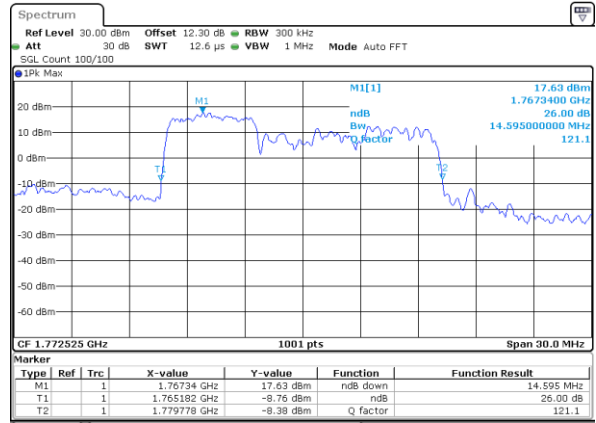
Date: 16 MAY 2020 01:12:08

Highest Channel / 5MHz+5MHz



Date: 15 MAY 2020 23:43:47

Highest Channel / 5MHz+10MHz



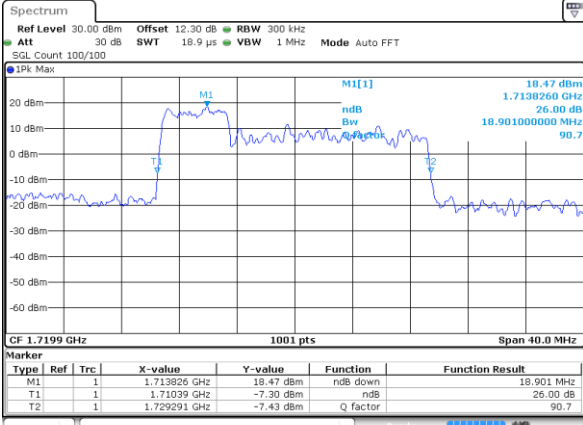
Date: 16 MAY 2020 00:43:10



LTE Band 66B

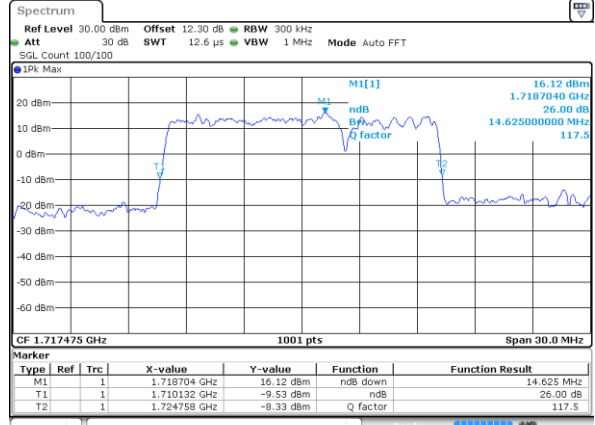
QPSK

Lowest Channel / 5MHz+15MHz



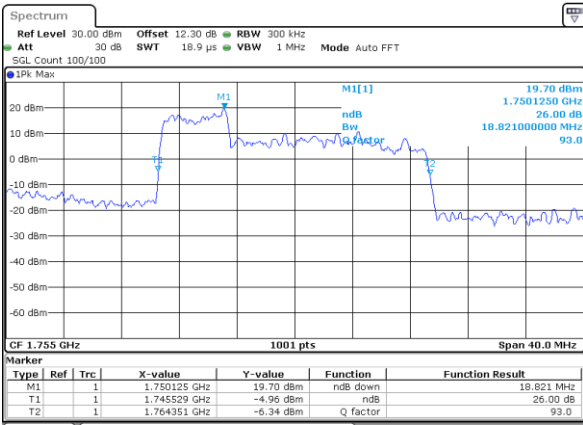
Date: 17 MAY 2020 20:15:47

Lowest Channel / 10MHz+5MHz



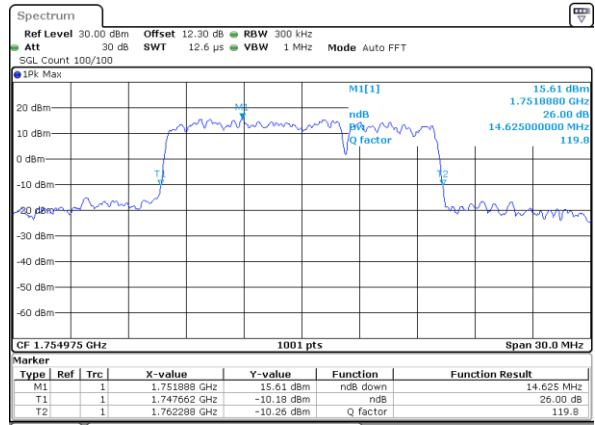
Date: 17 MAY 2020 13:55:04

Middle Channel / 5MHz+15MHz



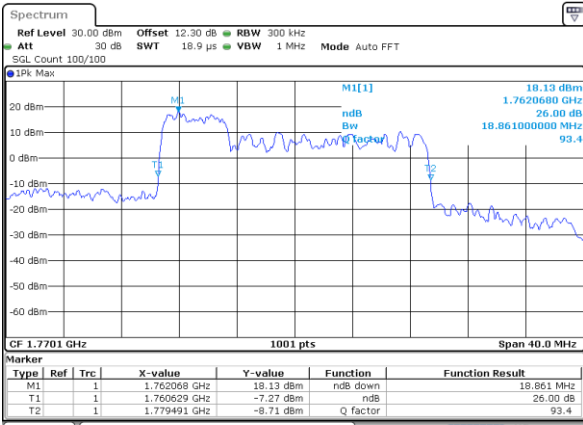
Date: 17 MAY 2020 20:49:01

Middle Channel / 10MHz+5MHz



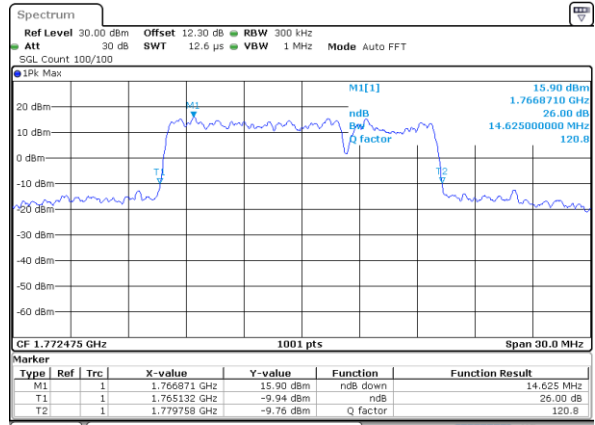
Date: 17 MAY 2020 14:43:36

Highest Channel / 5MHz+15MHz



Date: 17 MAY 2020 21:10:09

Highest Channel / 10MHz+5MHz



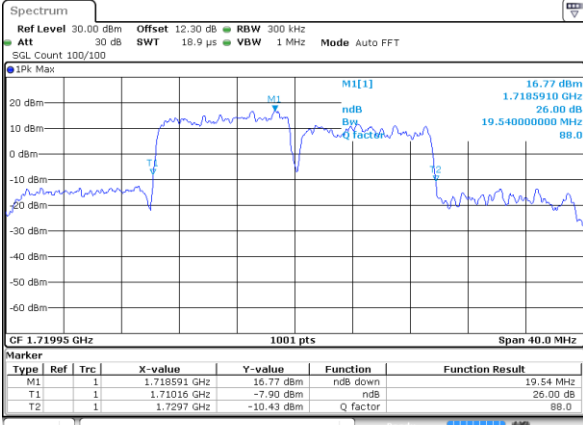
Date: 17 MAY 2020 15:01:46



LTE Band 66B

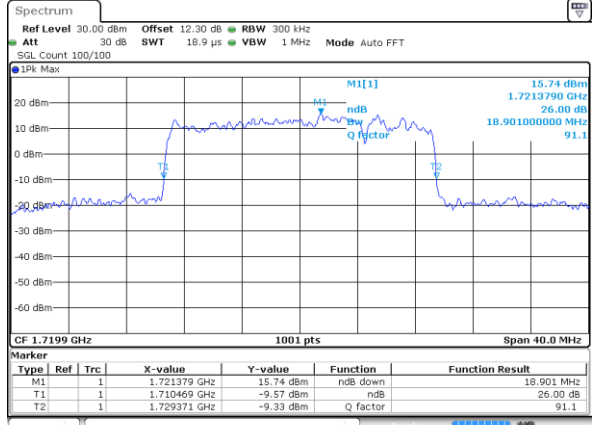
QPSK

Lowest Channel / 10MHz+10MHz



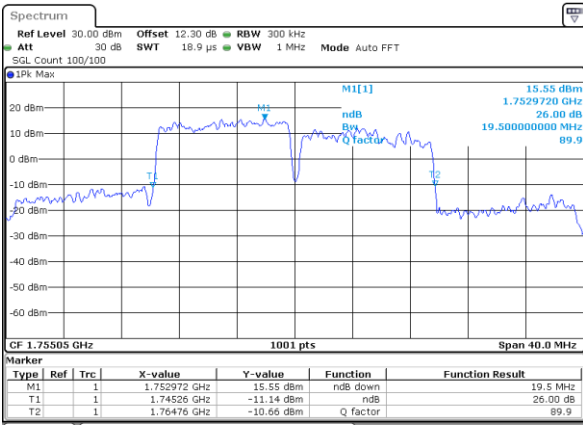
Date: 17 MAY 2020 18:06:46

Lowest Channel / 15MHz+5MHz



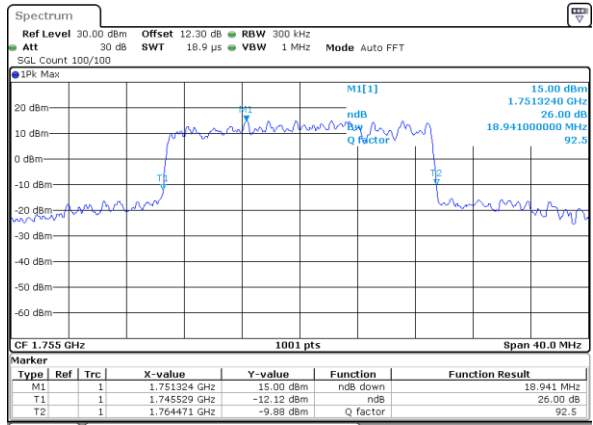
Date: 17 MAY 2020 18:25:13

Middle Channel / 10MHz+10MHz



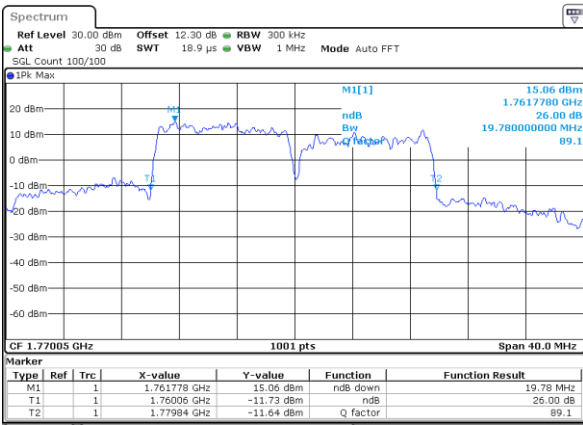
Date: 17 MAY 2020 18:02:24

Middle Channel / 15MHz+5MHz



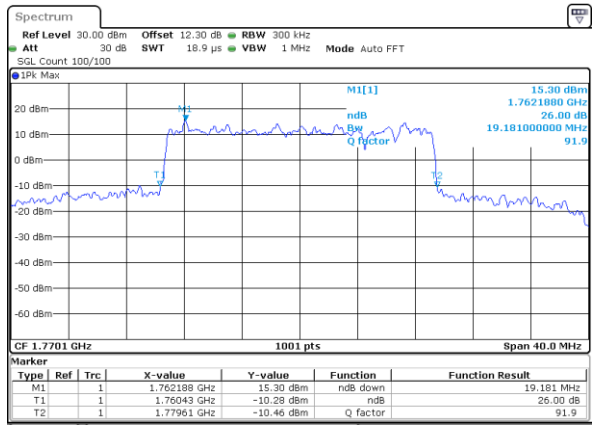
Date: 17 MAY 2020 18:56:14

Highest Channel / 10MHz+10MHz



Date: 17 MAY 2020 17:59:25

Highest Channel / 15MHz+5MHz



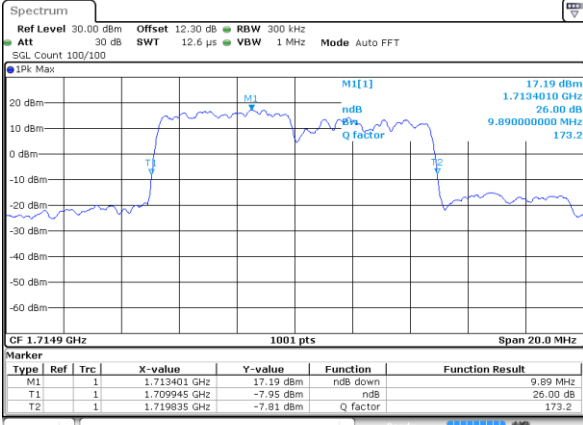
Date: 17 MAY 2020 19:15:43



LTE Band 66B

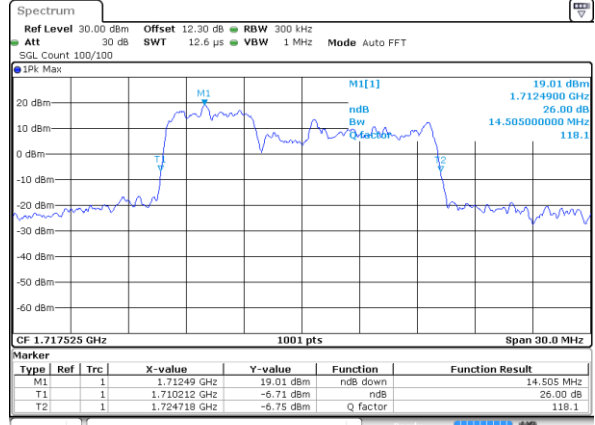
16QAM

Lowest Channel / 5MHz+5MHz



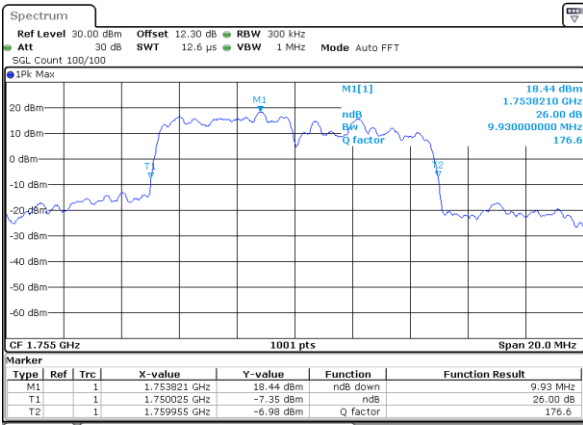
Date: 15 MAY 2020 22:58:41

Lowest Channel / 5MHz+10MHz



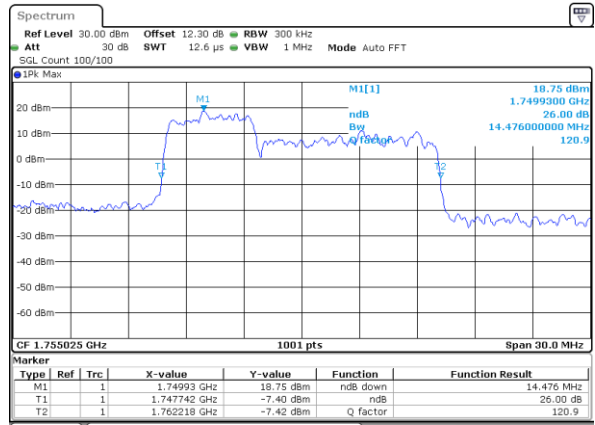
Date: 16 MAY 2020 01:33:06

Middle Channel / 5MHz+5MHz



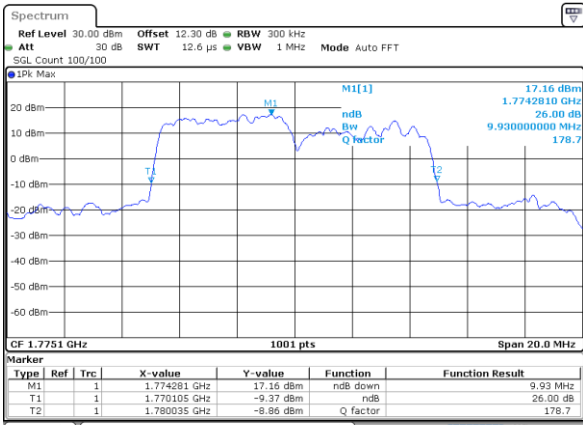
Date: 15 MAY 2020 23:26:04

Middle Channel / 5MHz+10MHz



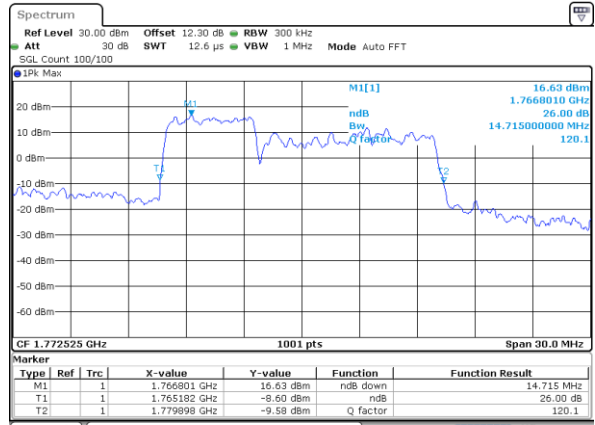
Date: 16 MAY 2020 01:11:43

Highest Channel / 5MHz+5MHz



Date: 15 MAY 2020 23:44:13

Highest Channel / 5MHz+10MHz



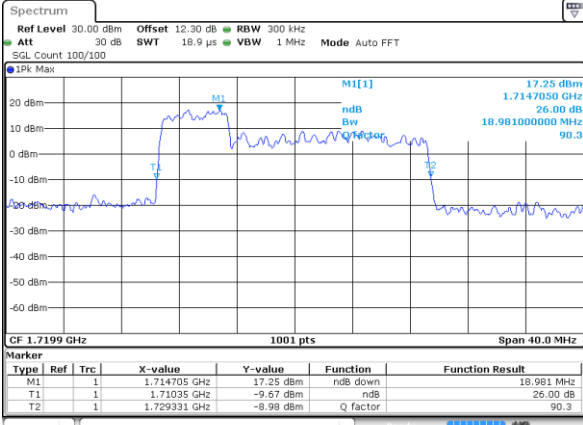
Date: 16 MAY 2020 00:43:32



LTE Band 66B

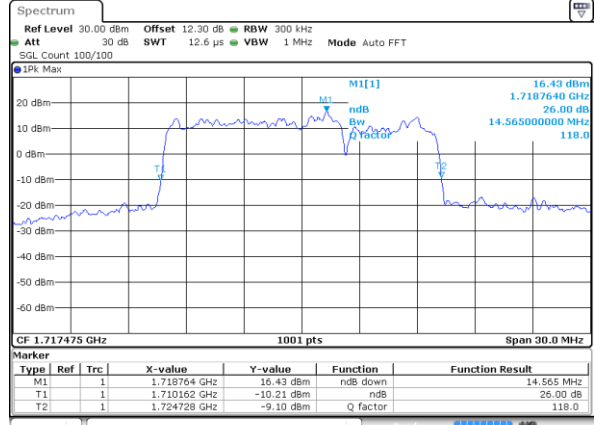
16QAM

Lowest Channel / 5MHz+15MHz



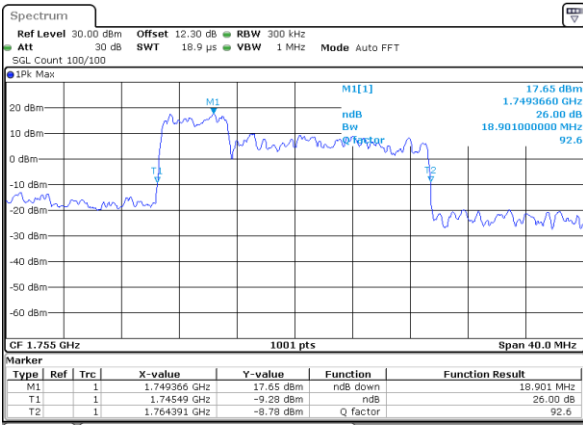
Date: 17 MAY 2020 20:15:24

Lowest Channel / 10MHz+5MHz



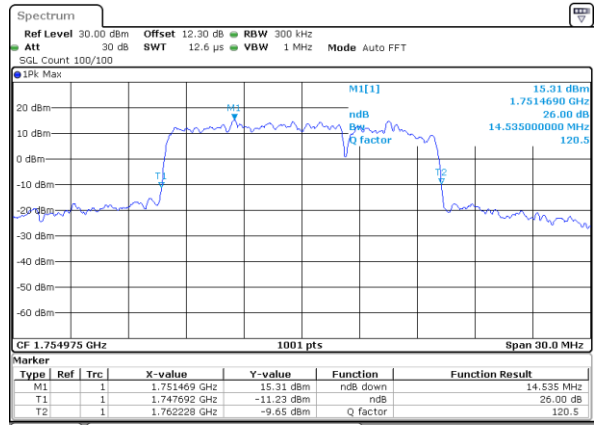
Date: 17 MAY 2020 13:54:41

Middle Channel / 5MHz+15MHz



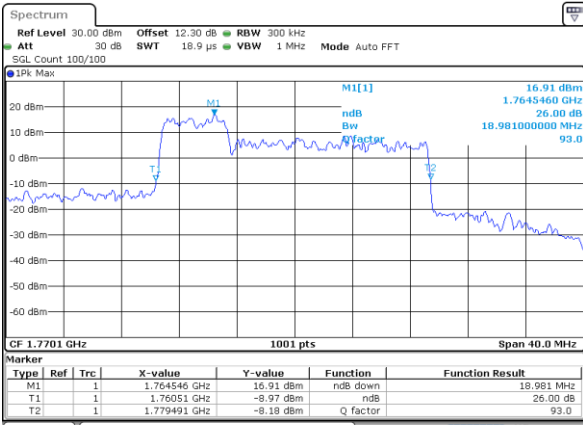
Date: 17 MAY 2020 20:48:38

Middle Channel / 10MHz+5MHz



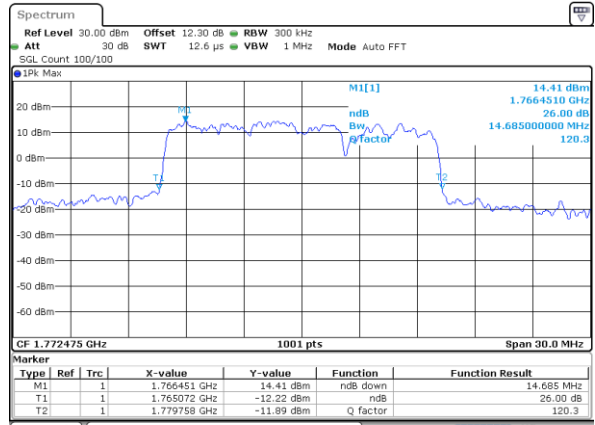
Date: 17 MAY 2020 14:43:13

Highest Channel / 5MHz+15MHz



Date: 17 MAY 2020 21:10:32

Highest Channel / 10MHz+5MHz



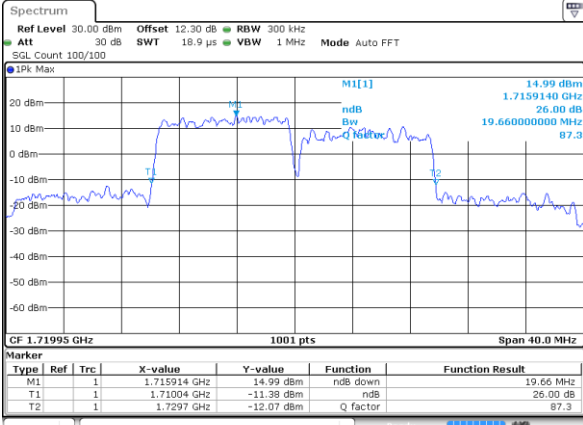
Date: 17 MAY 2020 15:02:09



LTE Band 66B

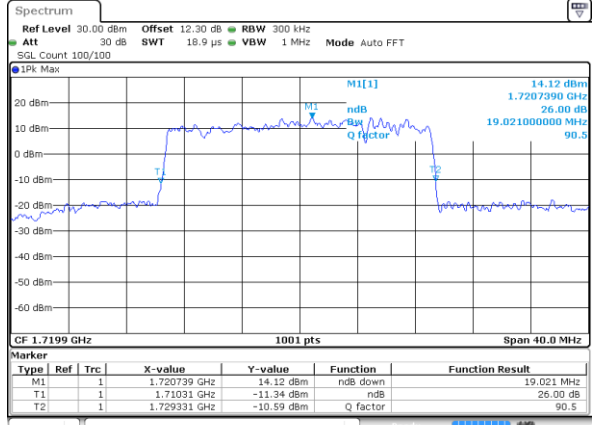
16QAM

Lowest Channel / 10MHz+10MHz



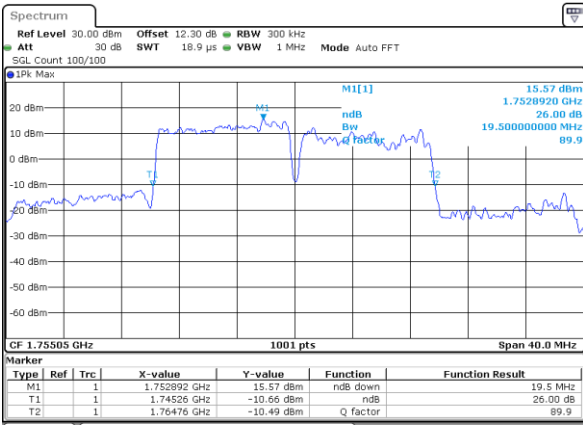
Date: 17 MAY 2020 18:07:23

Lowest Channel / 15MHz+5MHz



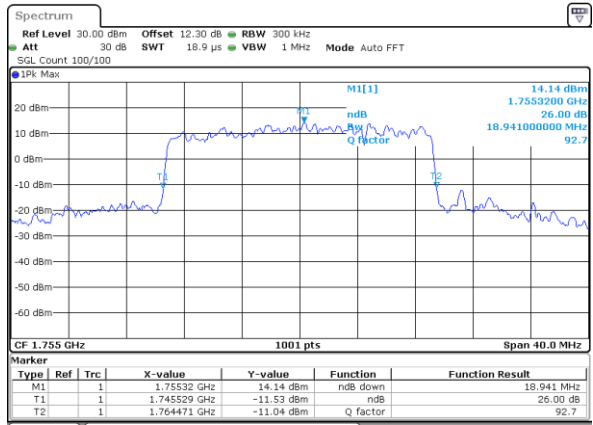
Date: 17 MAY 2020 18:24:51

Middle Channel / 10MHz+10MHz



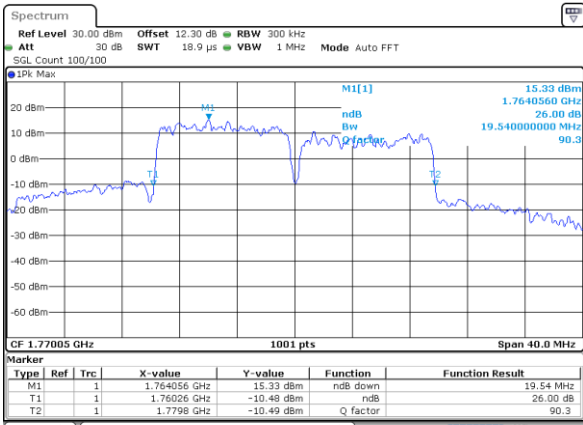
Date: 17 MAY 2020 18:03:17

Middle Channel / 15MHz+5MHz



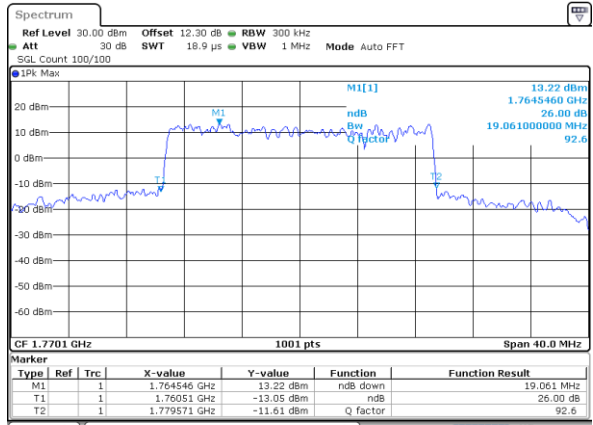
Date: 17 MAY 2020 18:55:51

Highest Channel / 10MHz+10MHz



Date: 17 MAY 2020 18:00:54

Highest Channel / 15MHz+5MHz



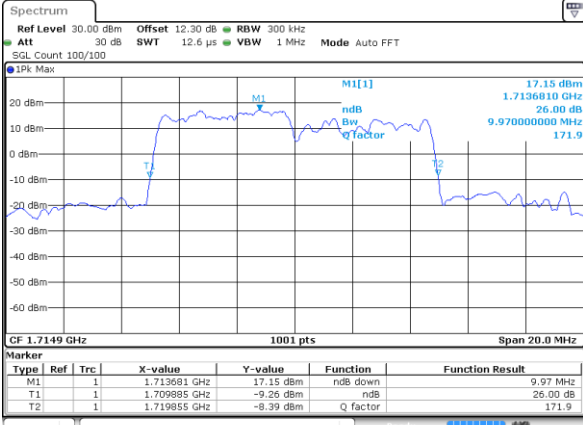
Date: 17 MAY 2020 19:16:06



LTE Band 66B

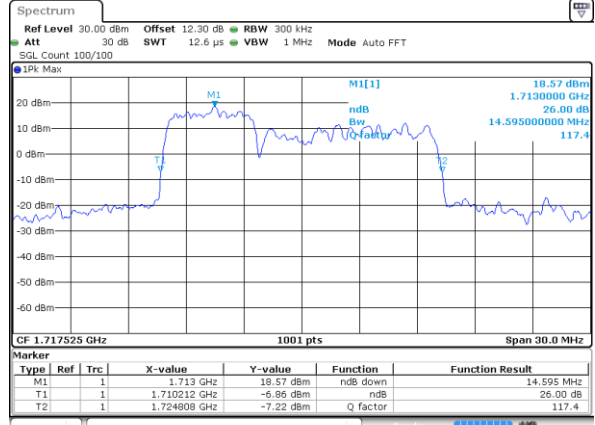
64QAM

Lowest Channel / 5MHz+5MHz



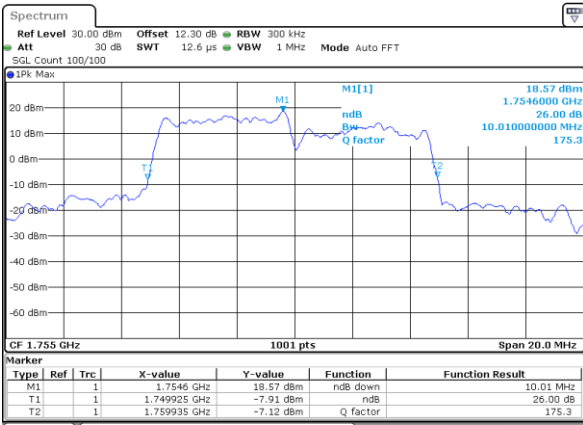
Date: 15 MAY 2020 22:58:18

Lowest Channel / 5MHz+10MHz



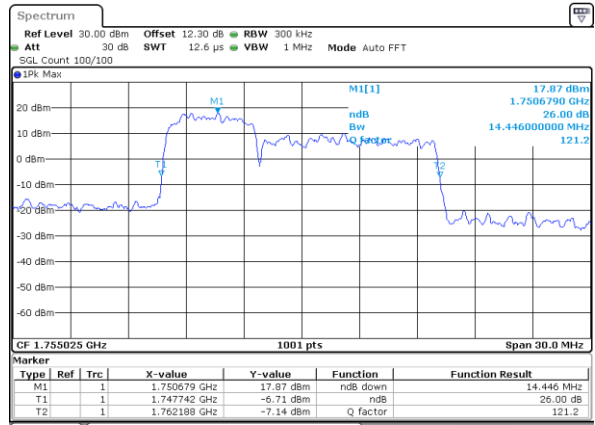
Date: 16 MAY 2020 01:32:43

Middle Channel / 5MHz+5MHz



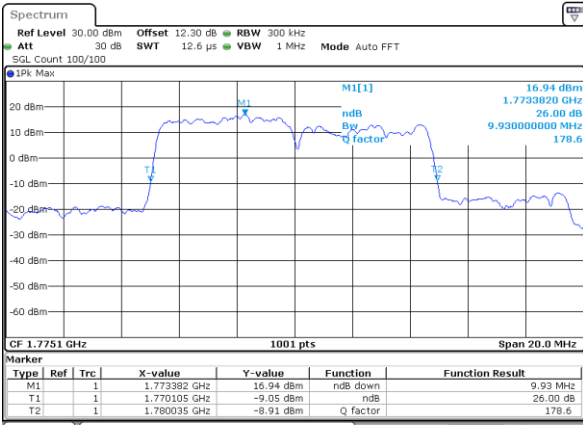
Date: 15 MAY 2020 23:25:40

Middle Channel / 5MHz+10MHz



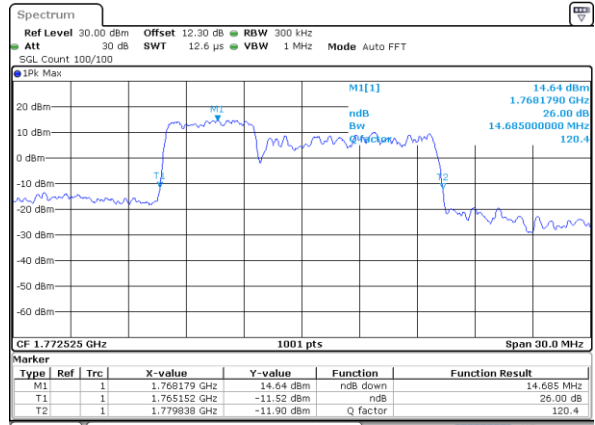
Date: 16 MAY 2020 01:11:21

Highest Channel / 5MHz+5MHz



Date: 15 MAY 2020 23:44:37

Highest Channel / 5MHz+10MHz



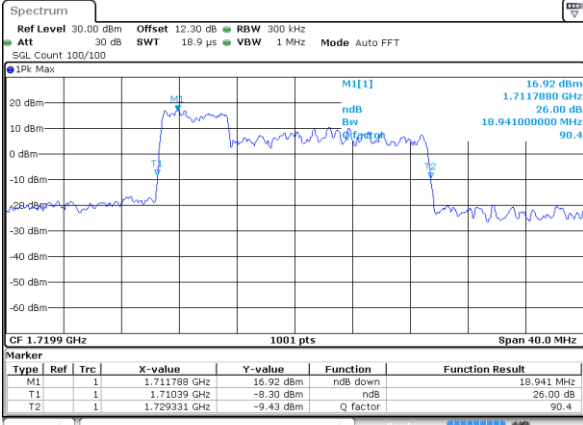
Date: 16 MAY 2020 00:43:54



LTE Band 66B

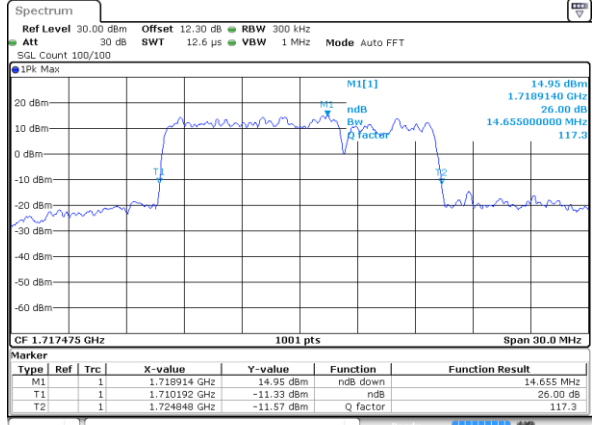
64QAM

Lowest Channel / 5MHz+15MHz



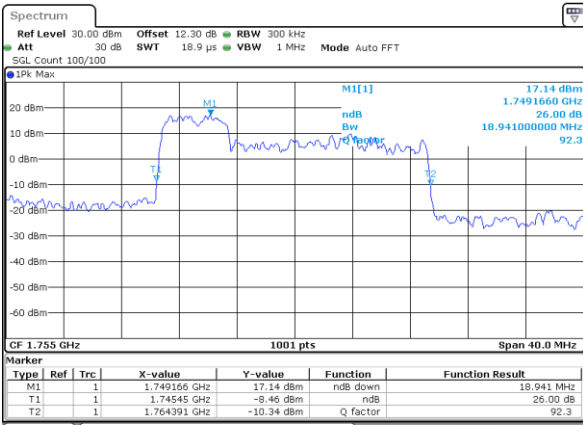
Date: 17 MAY 2020 20:15:01

Lowest Channel / 10MHz+5MHz



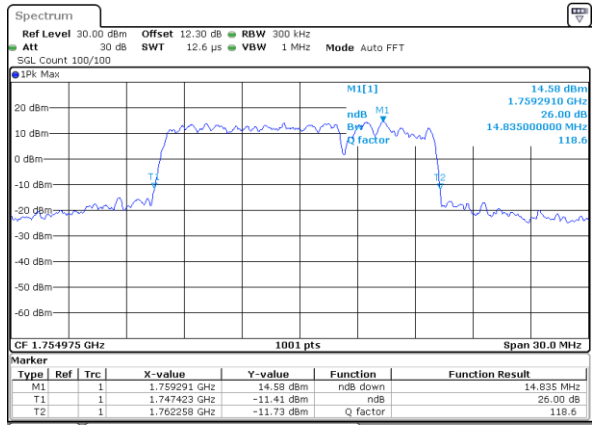
Date: 17 MAY 2020 13:54:19

Middle Channel / 5MHz+15MHz



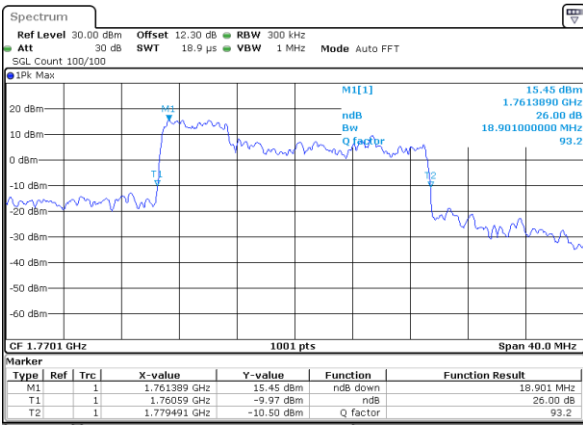
Date: 17 MAY 2020 20:48:16

Middle Channel / 10MHz+5MHz



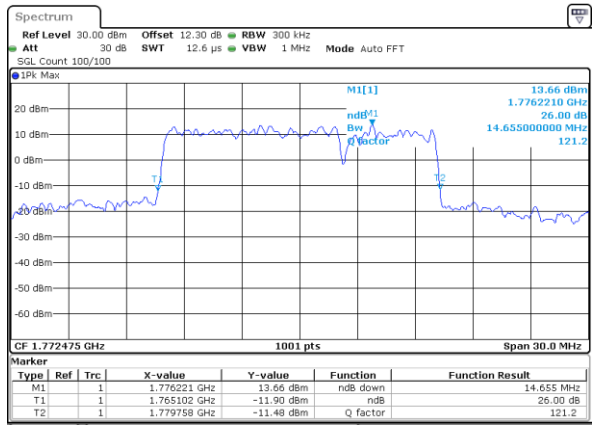
Date: 17 MAY 2020 14:42:50

Highest Channel / 5MHz+15MHz



Date: 17 MAY 2020 21:10:55

Highest Channel / 10MHz+5MHz



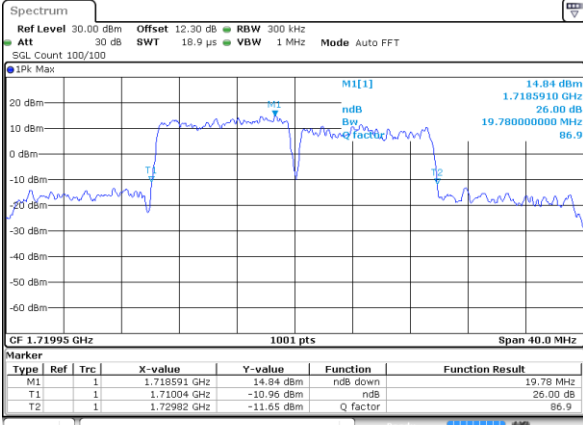
Date: 17 MAY 2020 15:02:32



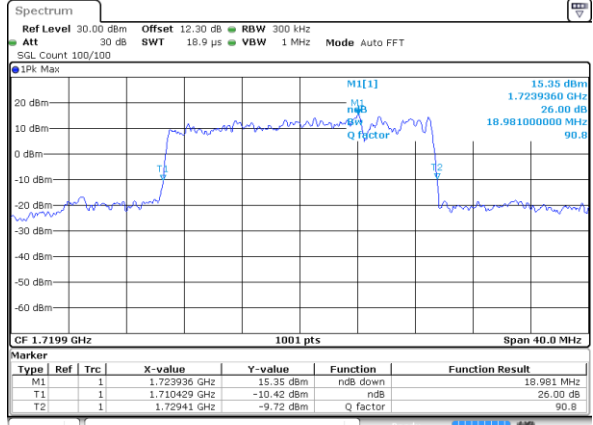
LTE Band 66B

64QAM

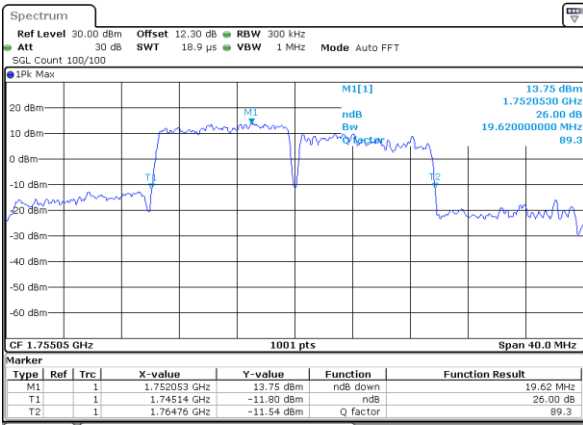
Lowest Channel / 10MHz+10MHz



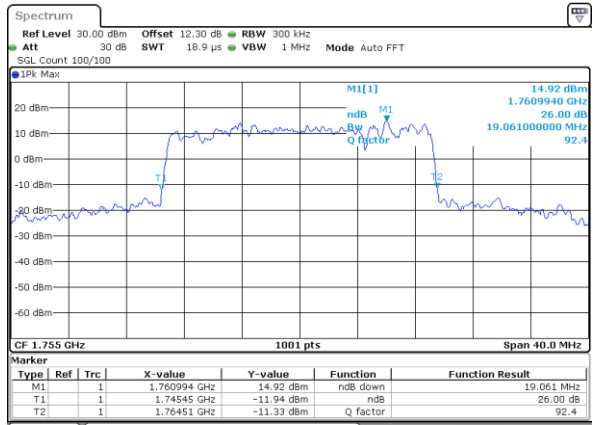
Lowest Channel / 15MHz+5MHz



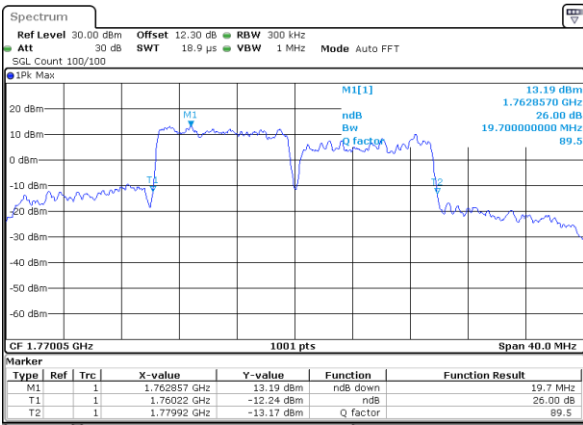
Middle Channel / 10MHz+10MHz



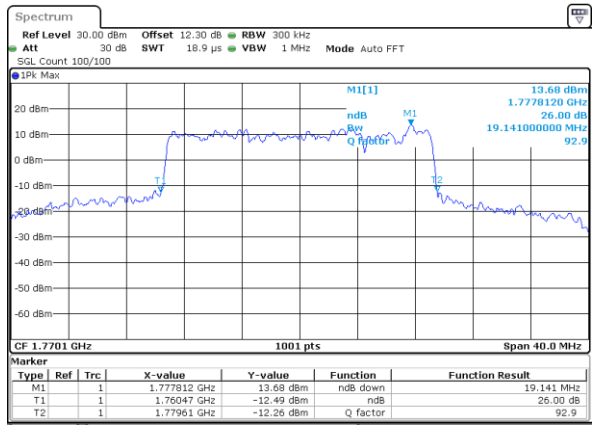
Middle Channel / 15MHz+5MHz



Highest Channel / 10MHz+10MHz



Highest Channel / 15MHz+5MHz





Occupied Bandwidth

Mode	LTE Band 66B : 99%OBW(MHz)		
QPSK			
BW	5MHz+5MHz	5MHz+10MHz	5MHz+15MHz
Lowest CH	9.29	13.85	18.10
Middle CH	9.31	13.85	17.98
Highest CH	9.31	13.85	18.34
BW	10MHz+5MHz	10MHz+10MHz	15MHz+5MHz
Lowest CH	0.00	18.74	18.14
Middle CH	13.82	18.66	18.14
Highest CH	13.85	18.98	18.38

Mode	LTE Band 66B : 99%OBW(MHz)		
16QAM			
BW	5MHz+5MHz	5MHz+10MHz	5MHz+15MHz
Lowest CH	9.29	13.82	17.98
Middle CH	9.23	13.76	18.02
Highest CH	9.19	13.91	18.14
BW	10MHz+5MHz	10MHz+10MHz	15MHz+5MHz
Lowest CH	13.88	18.66	18.02
Middle CH	13.85	18.74	18.10
Highest CH	13.91	18.86	18.26

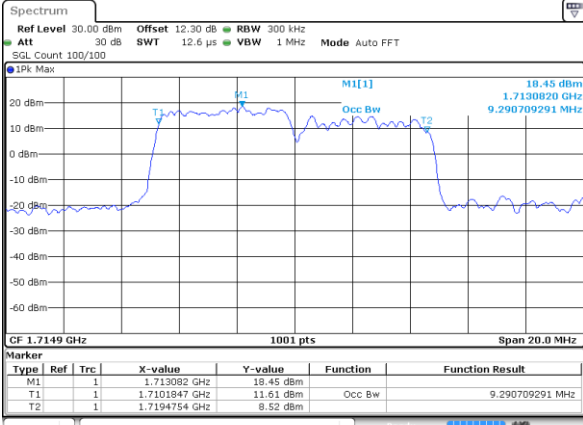
Mode	LTE Band 66B : 99%OBW(MHz)		
64QAM			
BW	5MHz+5MHz	5MHz+10MHz	5MHz+15MHz
Lowest CH	9.35	13.79	18.02
Middle CH	9.27	13.85	18.06
Highest CH	9.21	13.91	18.26
BW	10MHz+5MHz	10MHz+10MHz	15MHz+5MHz
Lowest CH	13.91	18.70	18.14
Middle CH	13.76	18.62	18.10
Highest CH	29.73	18.90	18.30



LTE Band 66B

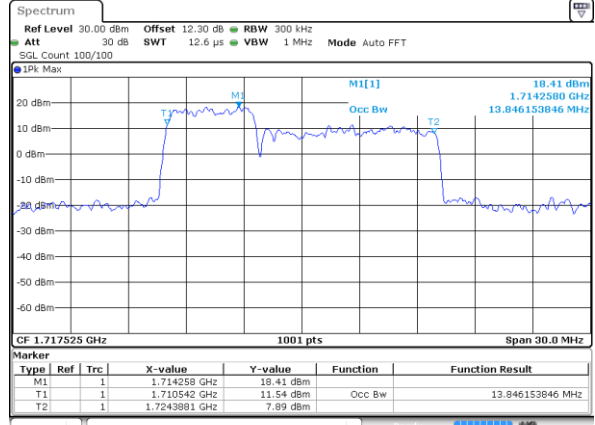
QPSK

Lowest Channel / 5MHz+5MHz



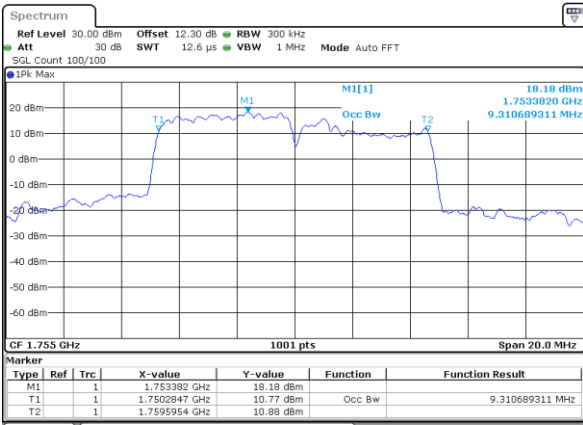
Date: 15 MAY 2020 22:55:09

Lowest Channel / 5MHz+10MHz



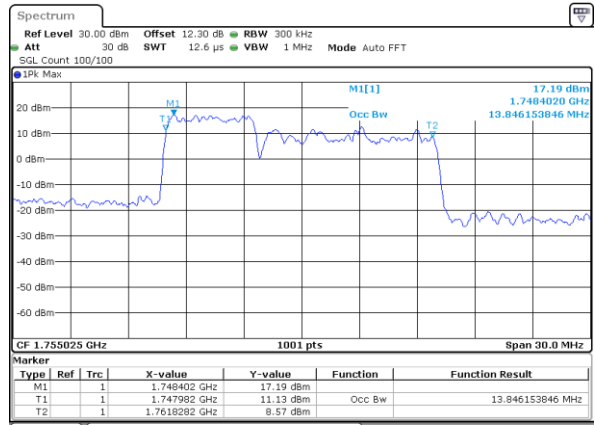
Date: 16 MAY 2020 01:31:36

Middle Channel / 5MHz+5MHz



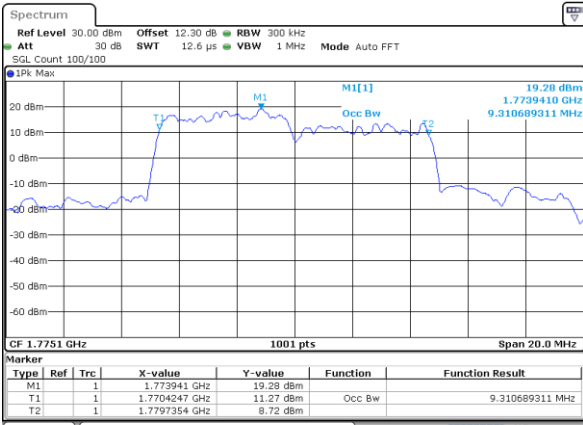
Date: 15 MAY 2020 23:41:21

Middle Channel / 5MHz+10MHz



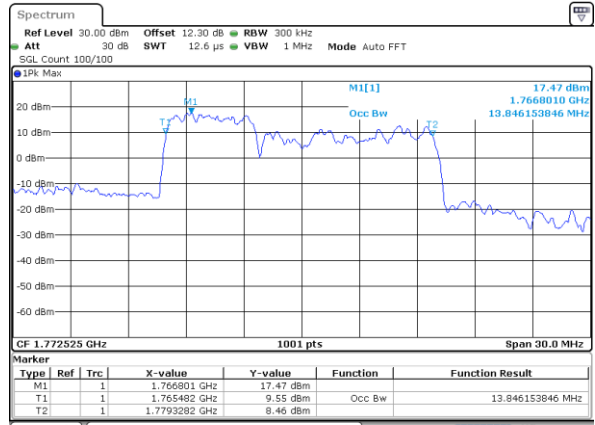
Date: 16 MAY 2020 01:10:13

Highest Channel / 5MHz+5MHz



Date: 15 MAY 2020 23:43:24

Highest Channel / 5MHz+10MHz



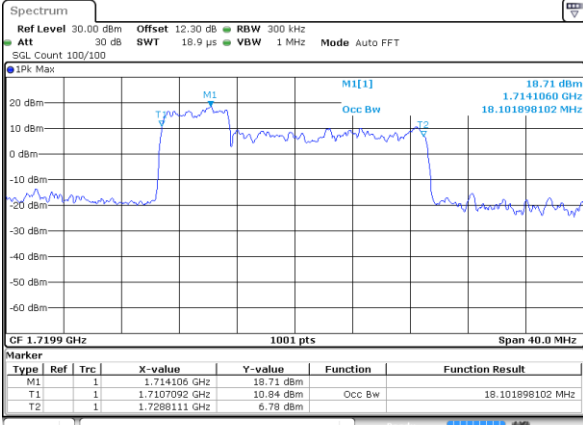
Date: 16 MAY 2020 00:42:48



LTE Band 66B

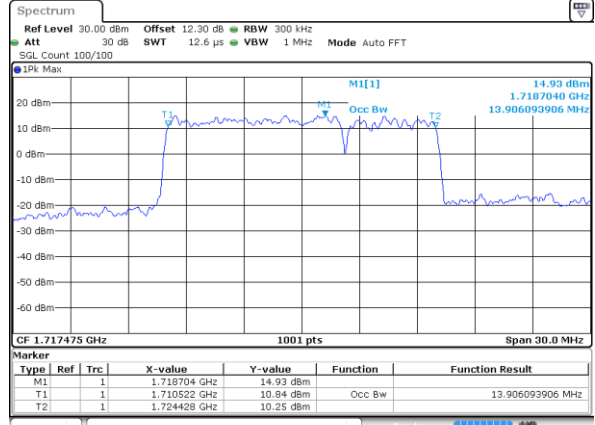
QPSK

Lowest Channel / 5MHz+15MHz



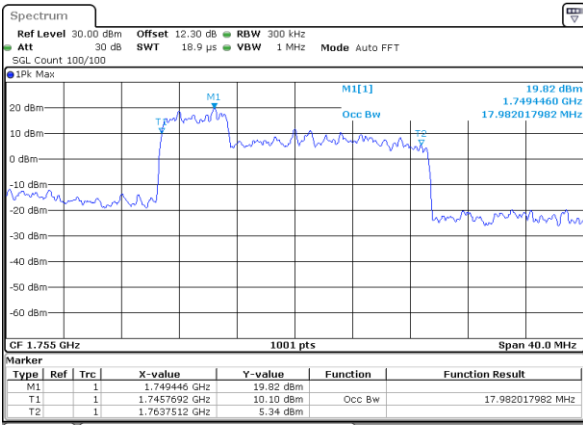
Date: 17 MAY 2020 20:13:54

Lowest Channel / 10MHz+5MHz



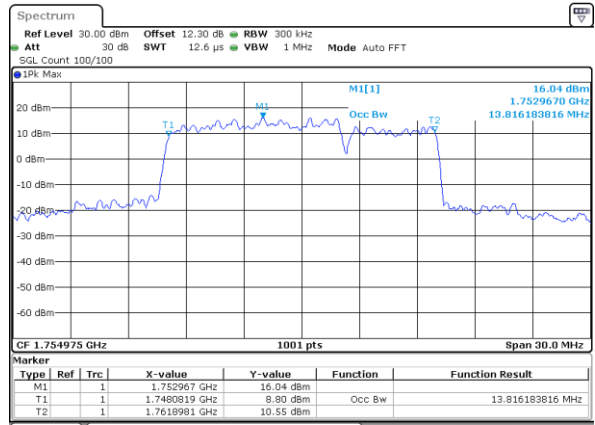
Date: 17 MAY 2020 13:53:11

Middle Channel / 5MHz+15MHz



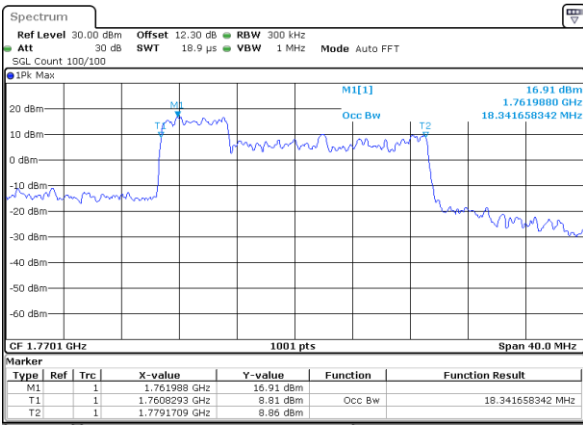
Date: 17 MAY 2020 20:47:08

Middle Channel / 10MHz+5MHz



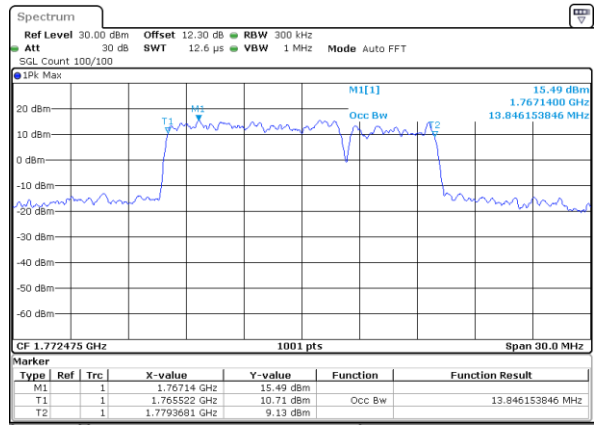
Date: 17 MAY 2020 14:41:42

Highest Channel / 5MHz+15MHz



Date: 17 MAY 2020 21:09:47

Highest Channel / 10MHz+5MHz



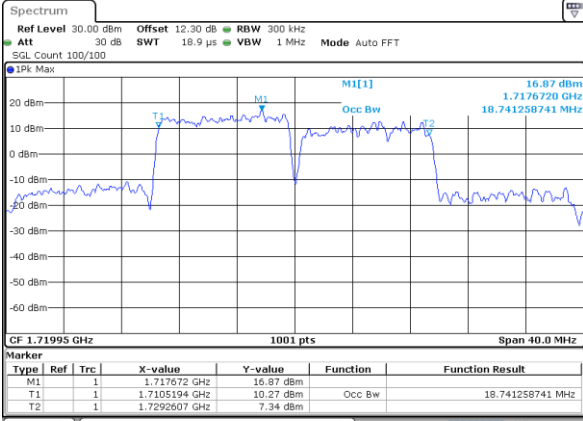
Date: 17 MAY 2020 15:01:24



LTE Band 66B

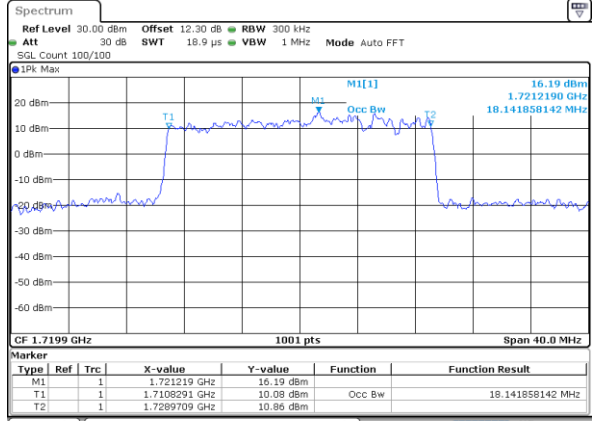
QPSK

Lowest Channel / 10MHz+10MHz



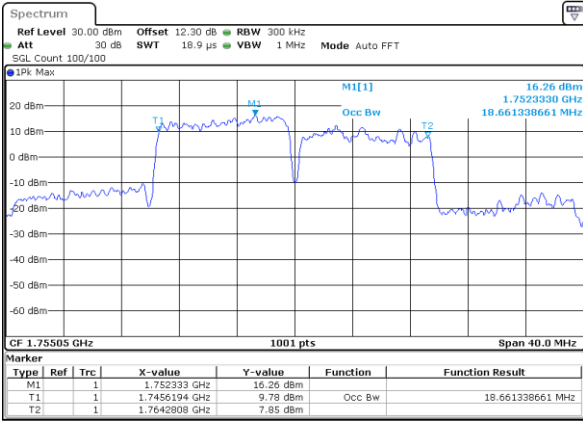
Date: 17 MAY 2020 15:33:00

Lowest Channel / 15MHz+5MHz



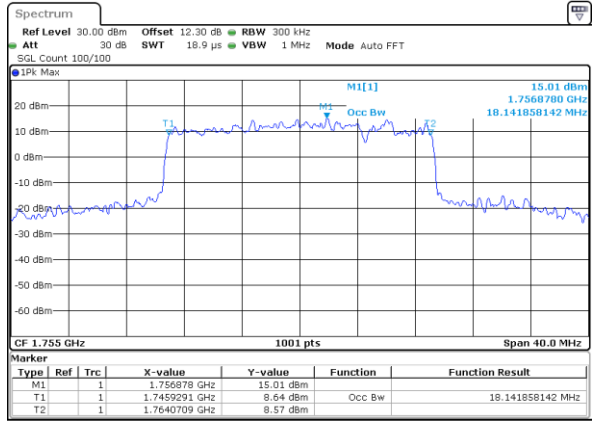
Date: 17 MAY 2020 18:23:21

Middle Channel / 10MHz+10MHz



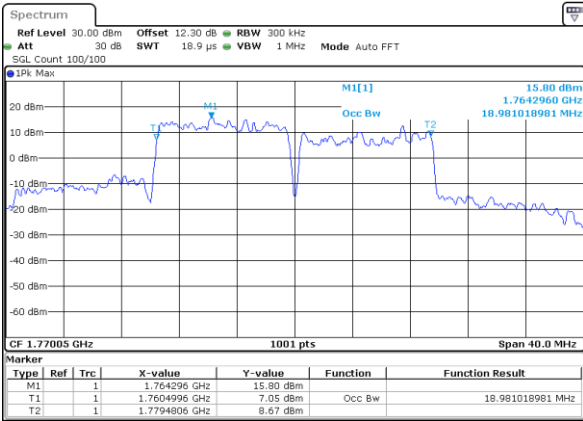
Date: 17 MAY 2020 16:01:46

Middle Channel / 15MHz+5MHz



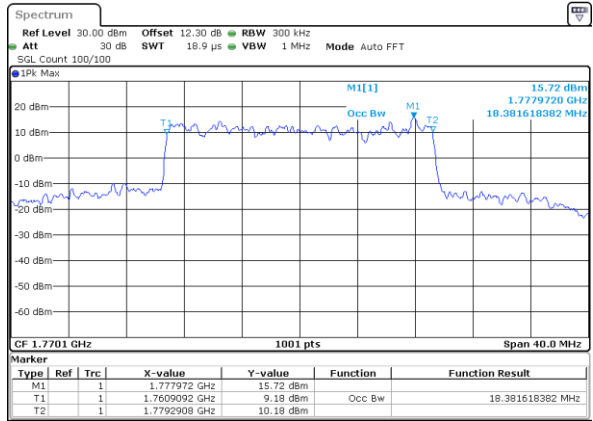
Date: 17 MAY 2020 19:11:39

Highest Channel / 10MHz+10MHz



Date: 17 MAY 2020 17:33:33

Highest Channel / 15MHz+5MHz



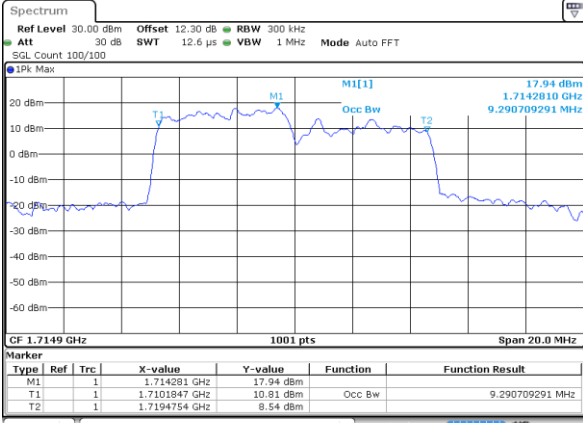
Date: 17 MAY 2020 19:15:21



LTE Band 66B

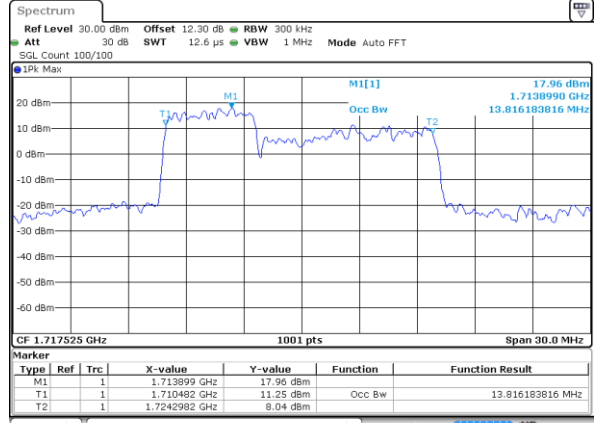
16QAM

Lowest Channel / 5MHz+5MHz



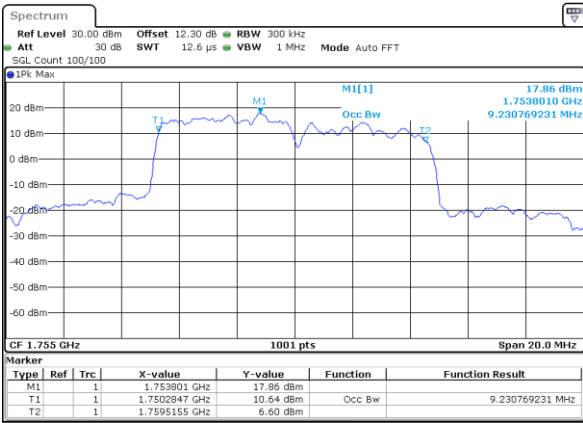
Date: 15 MAY 2020 22:55:32

Lowest Channel / 5MHz+10MHz



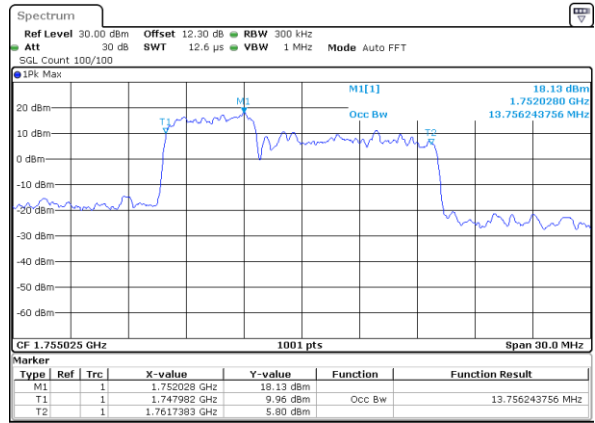
Date: 16 MAY 2020 01:31:59

Middle Channel / 5MHz+5MHz



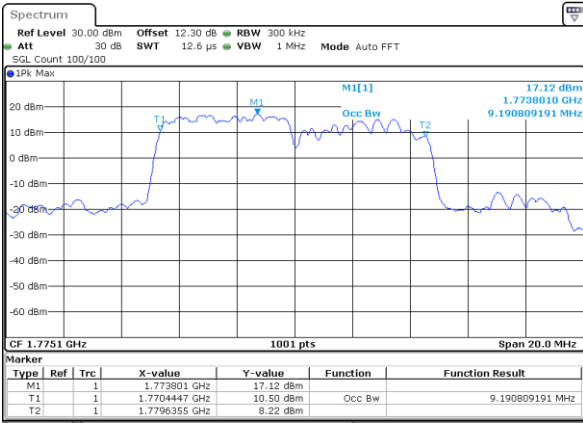
Date: 15 MAY 2020 23:24:54

Middle Channel / 5MHz+10MHz



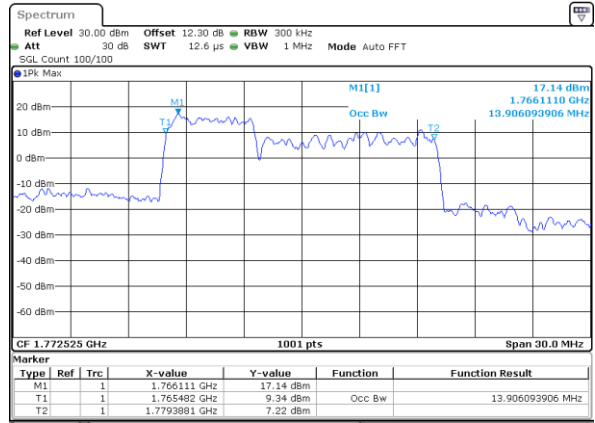
Date: 16 MAY 2020 01:10:36

Highest Channel / 5MHz+5MHz



Date: 15 MAY 2020 23:43:01

Highest Channel / 5MHz+10MHz



Date: 16 MAY 2020 00:42:25