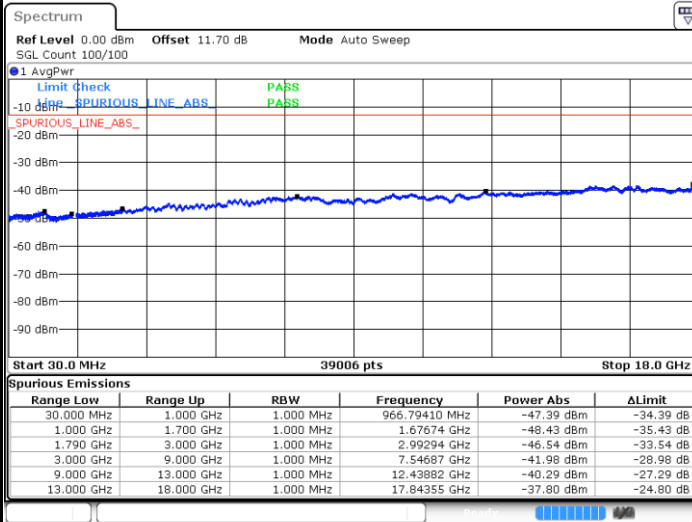




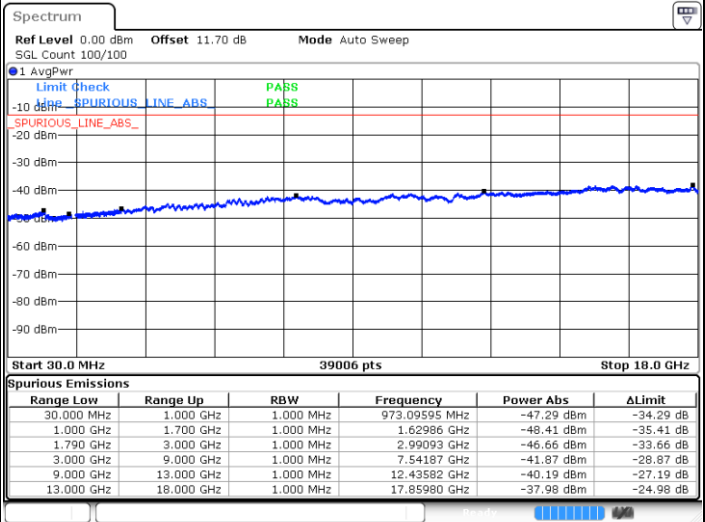
LTE Band 66 / 20MHz

Middle Channel / QPSK



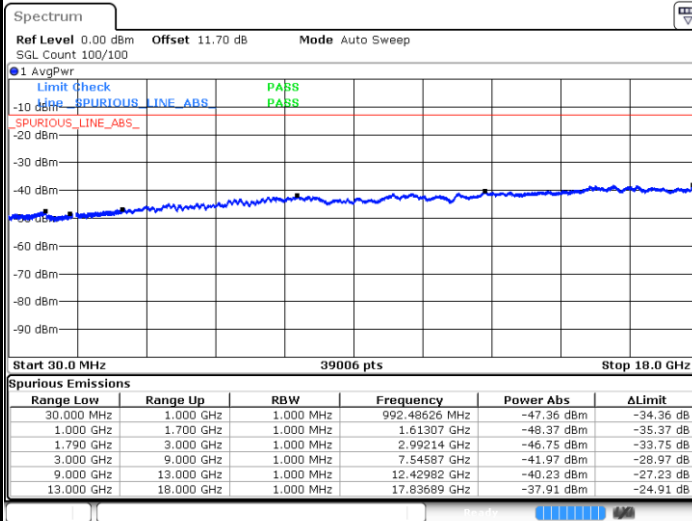
Date: 20 JAN 2020 00:49:56

Middle Channel / 16QAM



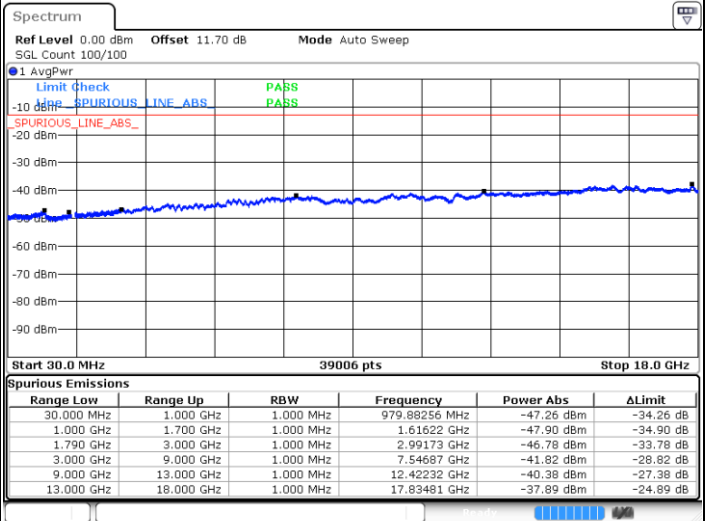
Date: 20 JAN 2020 00:50:38

Highest Channel / QPSK



Date: 20 JAN 2020 00:56:11

Highest Channel / 16QAM

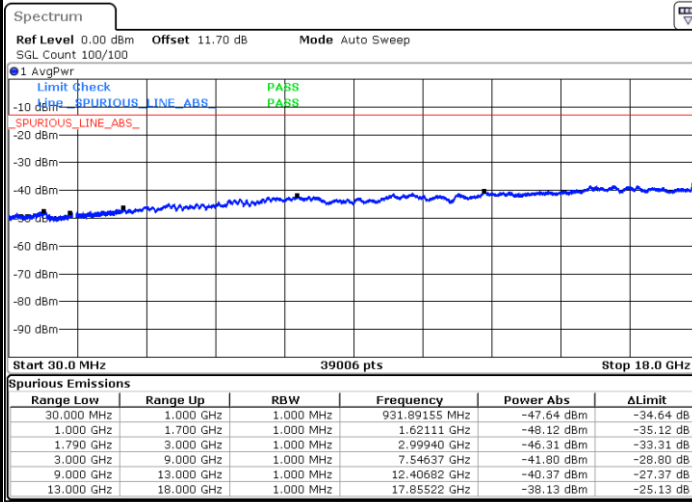


Date: 20 JAN 2020 00:56:52



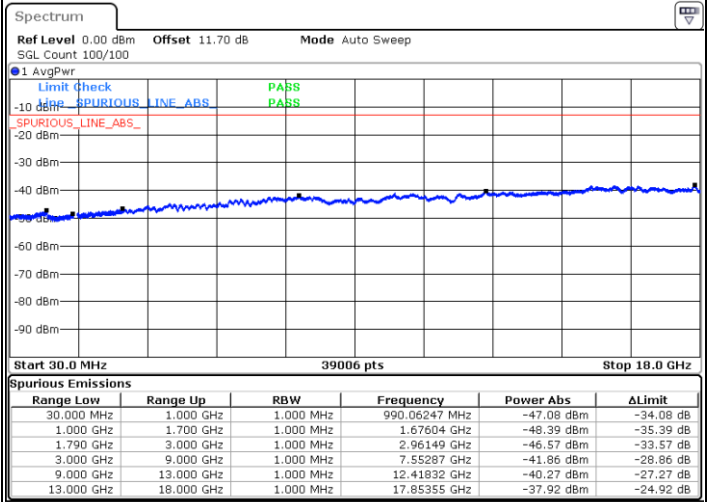
LTE Band 66 / 1.4MHz

Lowest Channel / 64QAM



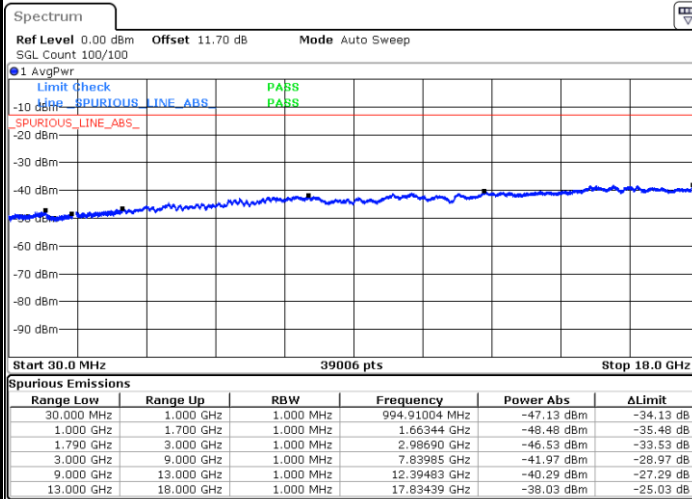
Date: 19 JAN 2020 23:09:32

Middle Channel / 64QAM



Date: 19 JAN 2020 23:10:38

Highest Channel / 64QAM

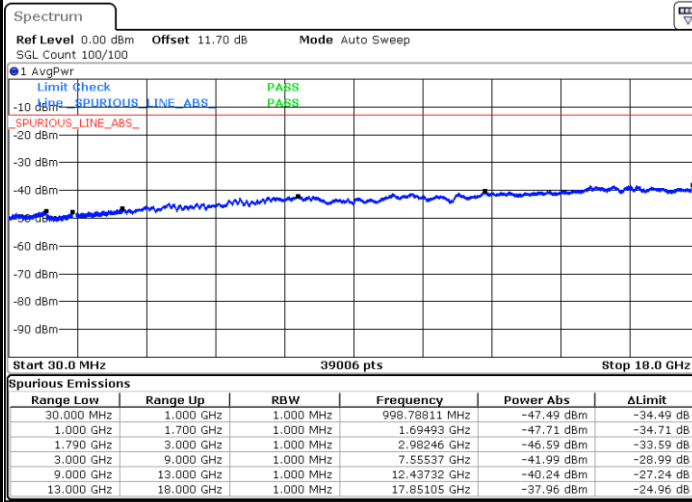


Date: 19 JAN 2020 23:13:52



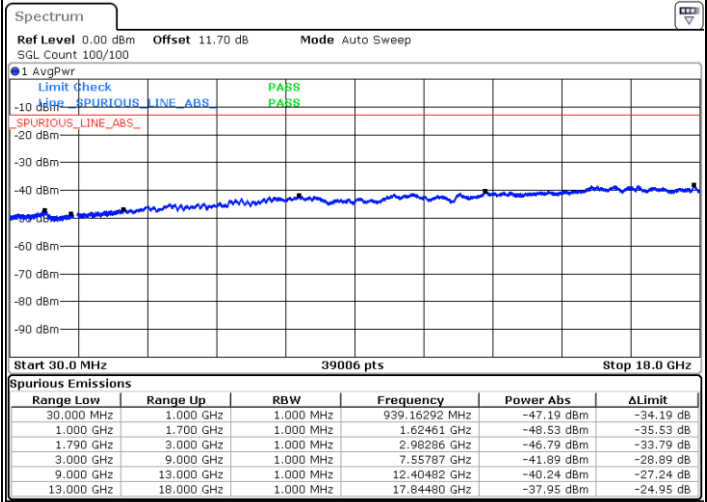
LTE Band 66 / 3MHz

Lowest Channel / 64QAM



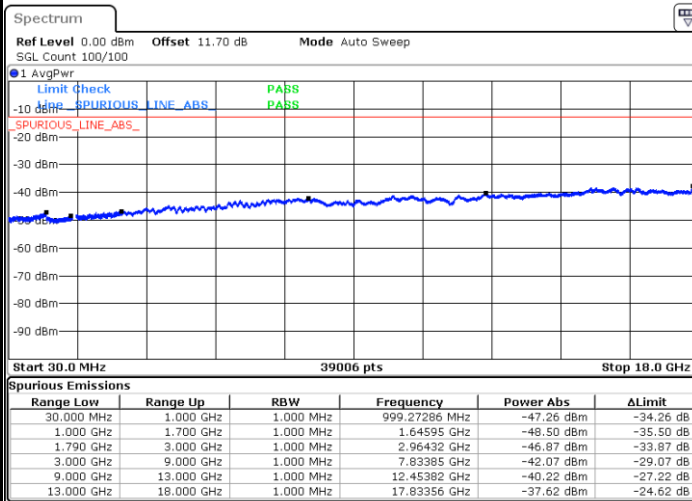
Date: 19 JAN 2020 23:31:44

Middle Channel / 64QAM



Date: 19 JAN 2020 23:32:49

Highest Channel / 64QAM

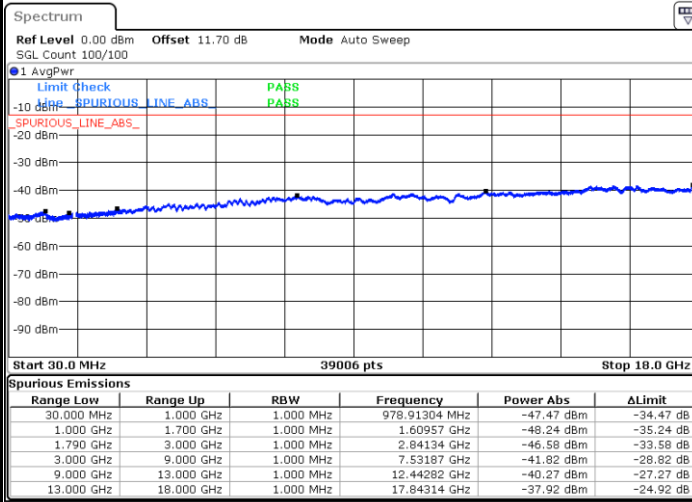


Date: 19 JAN 2020 23:35:57



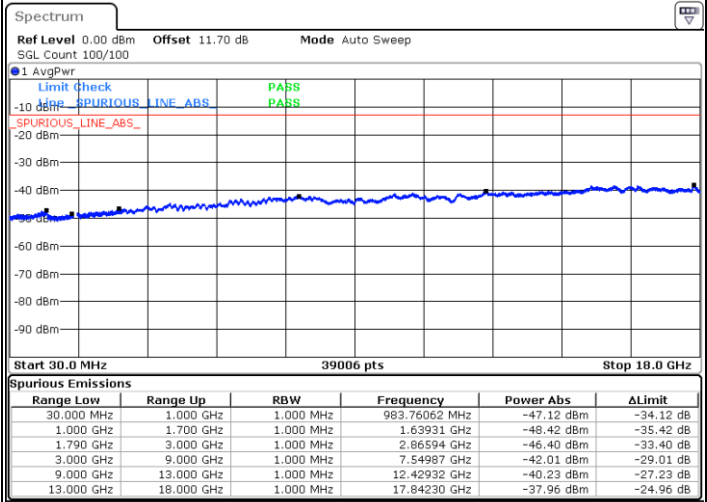
LTE Band 66 / 5MHz

Lowest Channel / 64QAM



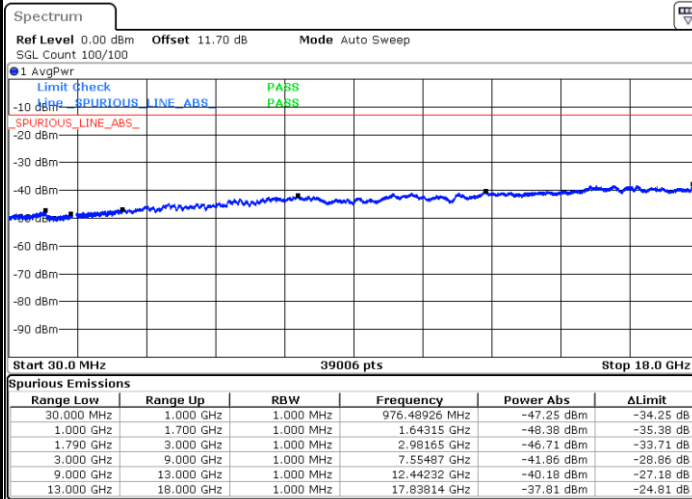
Date: 19 JAN 2020 23:39:04

Middle Channel / 64QAM



Date: 19 JAN 2020 23:40:10

Highest Channel / 64QAM

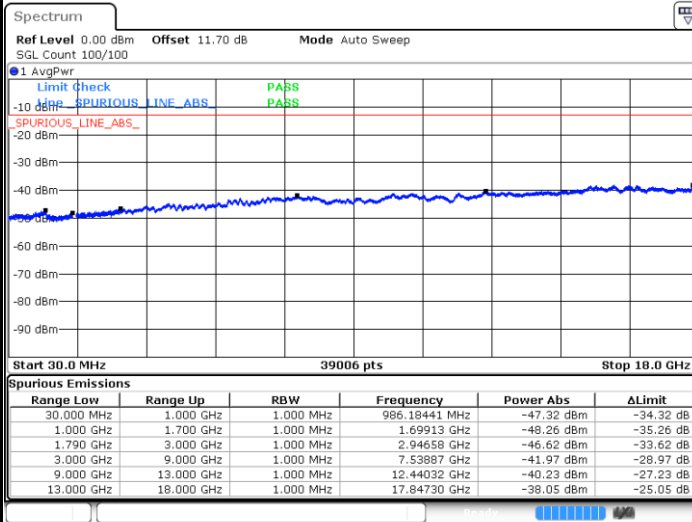


Date: 19 JAN 2020 23:43:18



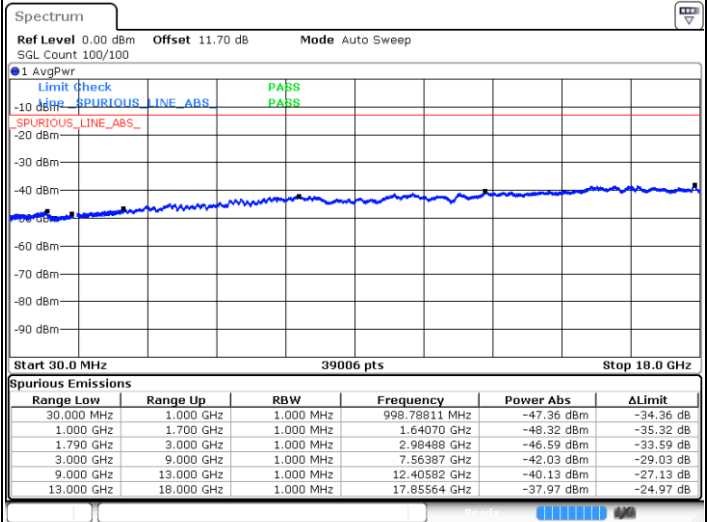
LTE Band 66 / 10MHz

Lowest Channel / 64QAM



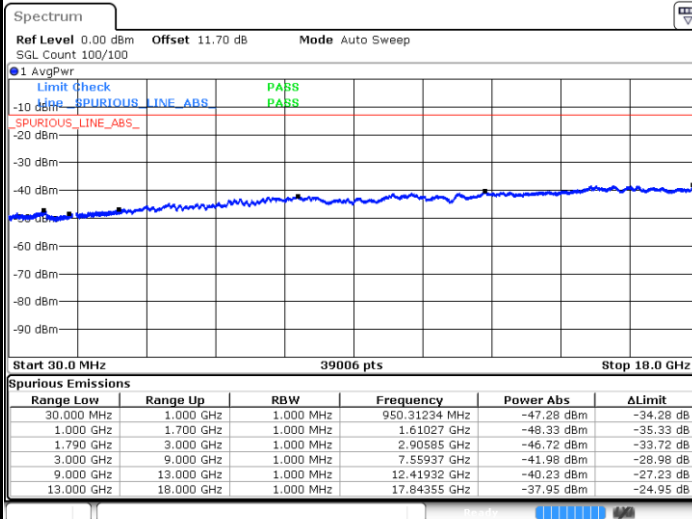
Date: 20 JAN 2020 00:15:50

Middle Channel / 64QAM



Date: 20 JAN 2020 00:16:56

Highest Channel / 64QAM

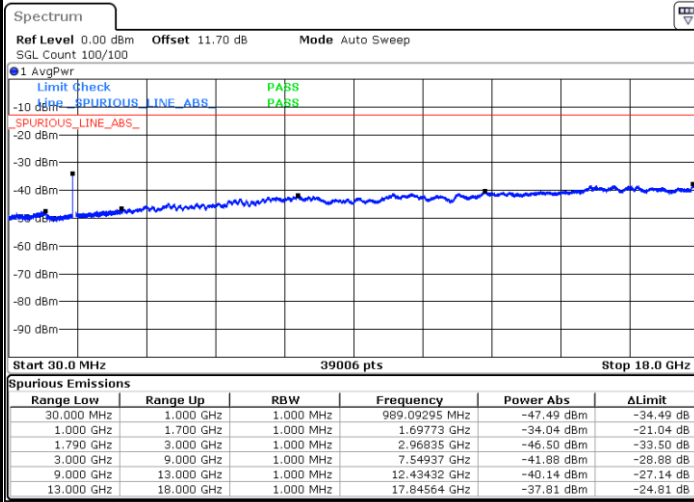


Date: 20 JAN 2020 00:20:04



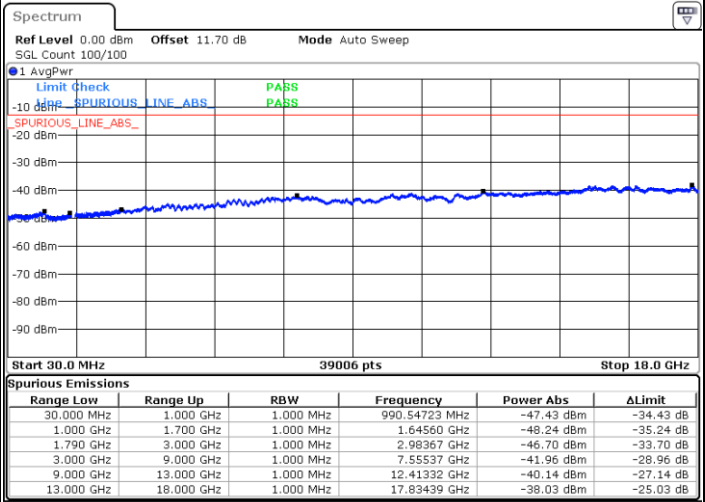
LTE Band 66 / 15MHz

Lowest Channel / 64QAM



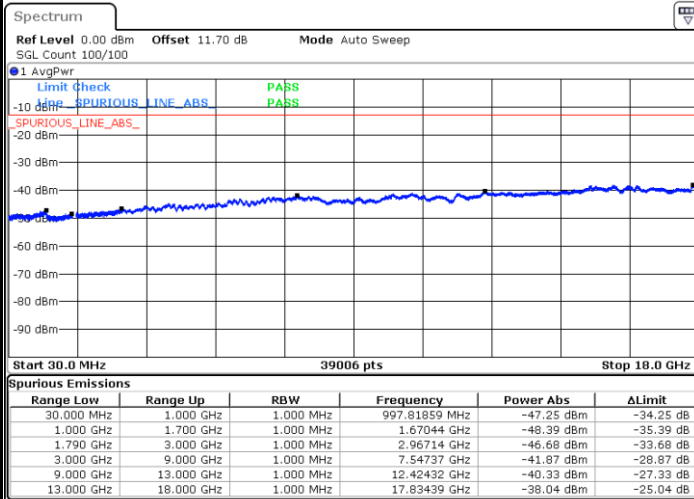
Date: 20 JAN 2020 00:23:12

Middle Channel / 64QAM



Date: 20 JAN 2020 00:24:18

Highest Channel / 64QAM

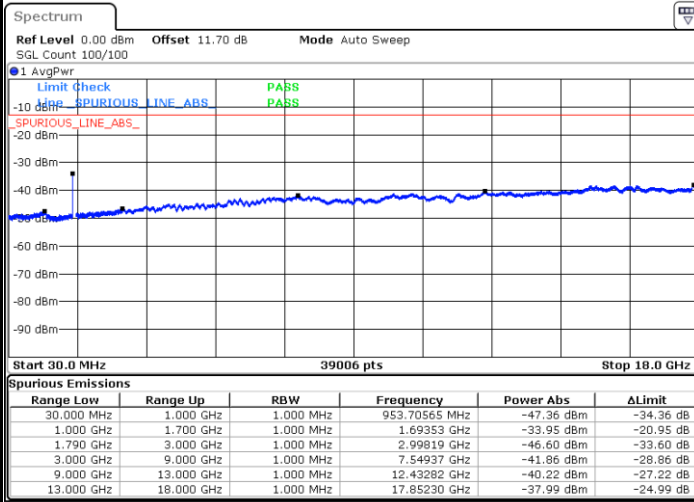


Date: 20 JAN 2020 00:27:25



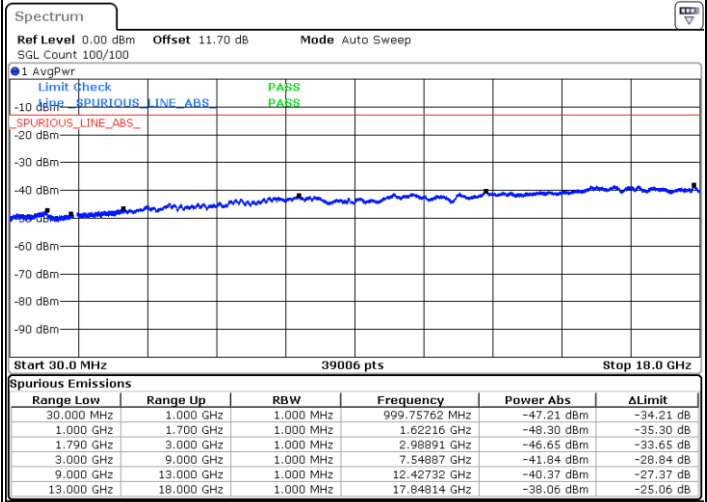
LTE Band 66 / 20MHz

Lowest Channel / 64QAM



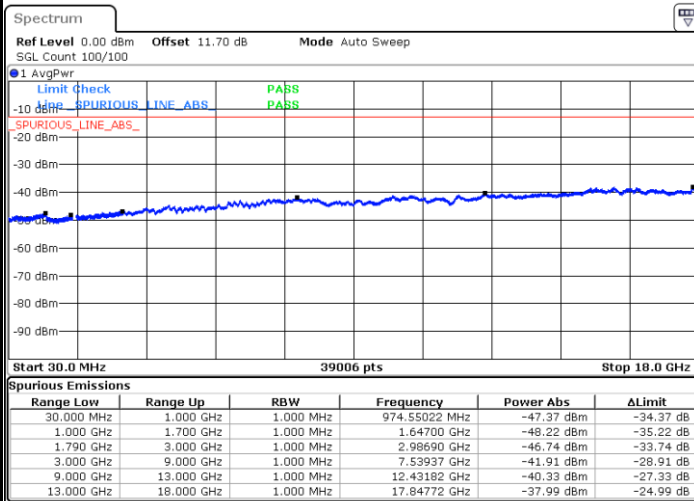
Date: 20 JAN 2020 01:00:00

Middle Channel / 64QAM



Date: 20 JAN 2020 01:01:06

Highest Channel / 64QAM



Date: 20 JAN 2020 01:04:13

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	0.0079	PASS
40	Normal Voltage	0.0081	
30	Normal Voltage	0.0010	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0001	
0	Normal Voltage	0.0084	
-10	Normal Voltage	0.0092	
-20	Normal Voltage	0.0090	
-30	Normal Voltage	0.0080	
20	Maximum Voltage	0.0088	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0009	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.60 V. ; Maximum Voltage =4.45 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 66B_CA_Ant. 2

26dB Bandwidth

Mode	LTE Band 66B : 26dB BW(MHz)		
QPSK			
BW	5MHz+5MHz	5MHz+10MHz	5MHz+15MHz
Lowest CH	9.91	14.54	18.86
Middle CH	9.91	14.54	18.82
Highest CH	9.95	14.63	18.90
BW	10MHz+5MHz	10MHz+10MHz	15MHz+5MHz
Lowest CH	14.69	19.70	19.02
Middle CH	14.57	19.54	19.02
Highest CH	14.57	19.58	19.10

Mode	LTE Band 66B : 26dB BW(MHz)		
16QAM			
BW	5MHz+5MHz	5MHz+10MHz	5MHz+15MHz
Lowest CH	9.95	14.63	18.90
Middle CH	9.93	14.51	18.94
Highest CH	9.93	14.60	18.94
BW	10MHz+5MHz	10MHz+10MHz	15MHz+5MHz
Lowest CH	14.72	19.66	18.98
Middle CH	14.78	19.58	19.22
Highest CH	14.66	19.66	19.10

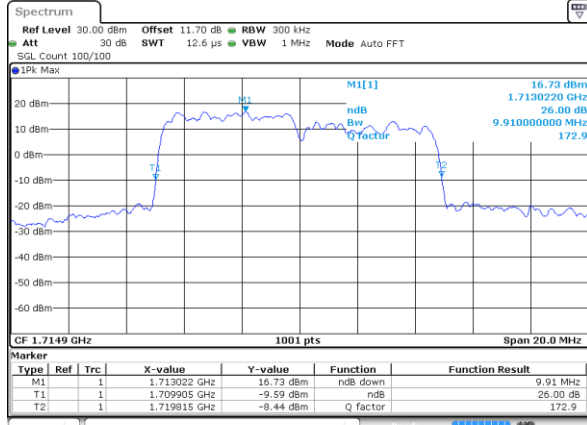
Mode	LTE Band 66B : 26dB BW(MHz)		
64QAM			
BW	5MHz+5MHz	5MHz+10MHz	5MHz+15MHz
Lowest CH	9.93	14.54	18.94
Middle CH	9.99	14.54	18.94
Highest CH	9.93	14.66	18.98
BW	10MHz+5MHz	10MHz+10MHz	15MHz+5MHz
Lowest CH	14.66	19.66	19.14
Middle CH	14.78	19.66	19.02
Highest CH	14.66	19.50	19.06



LTE Band 66B

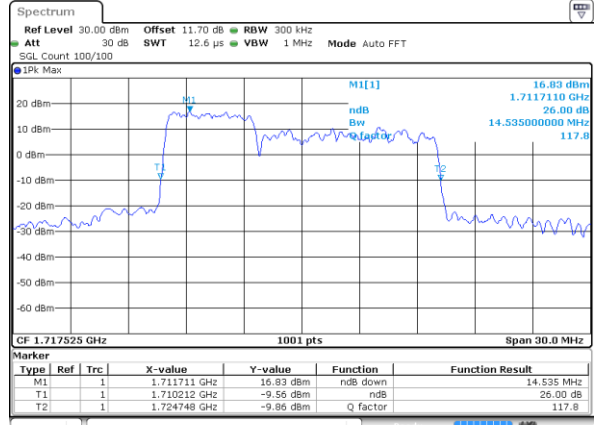
QPSK

Lowest Channel / 5MHz+5MHz



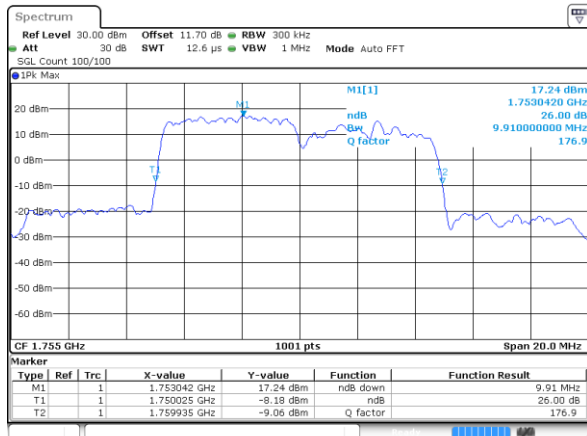
Date: 24 JAN 2020 04:38:55

Lowest Channel / 5MHz+10MHz



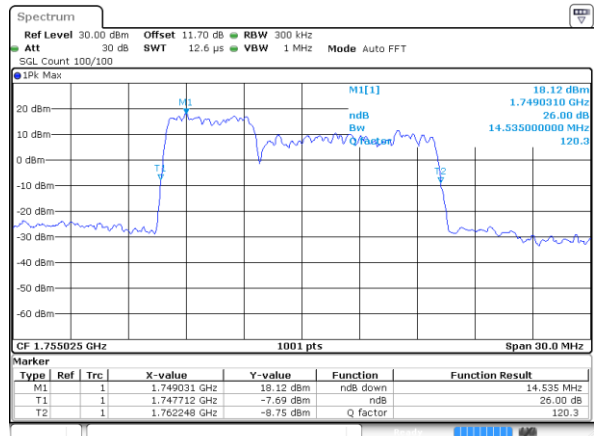
Date: 24 JAN 2020 05:46:23

Middle Channel / 5MHz+5MHz



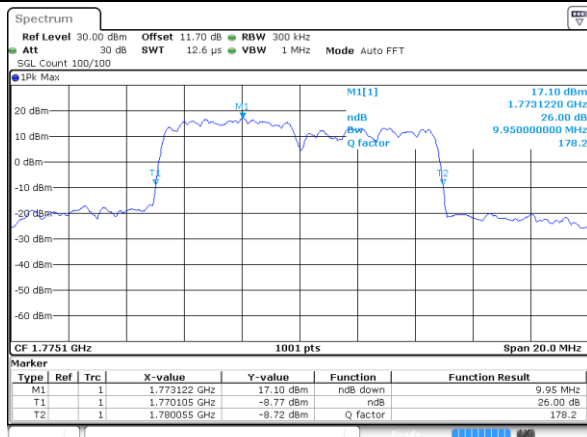
Date: 24 JAN 2020 05:11:19

Middle Channel / 5MHz+10MHz



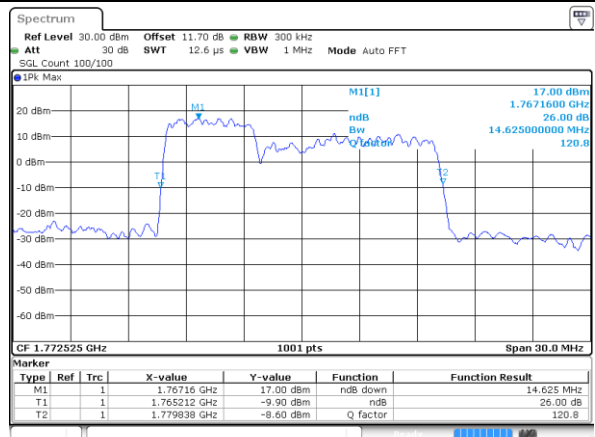
Date: 24 JAN 2020 06:12:37

Highest Channel / 5MHz+5MHz



Date: 24 JAN 2020 05:24:01

Highest Channel / 5MHz+10MHz



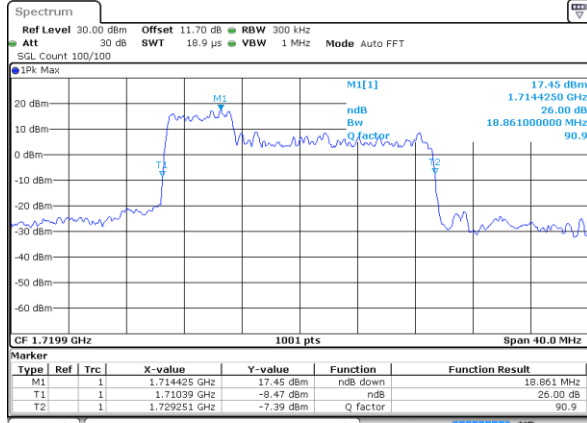
Date: 24 JAN 2020 06:23:17



LTE Band 66B

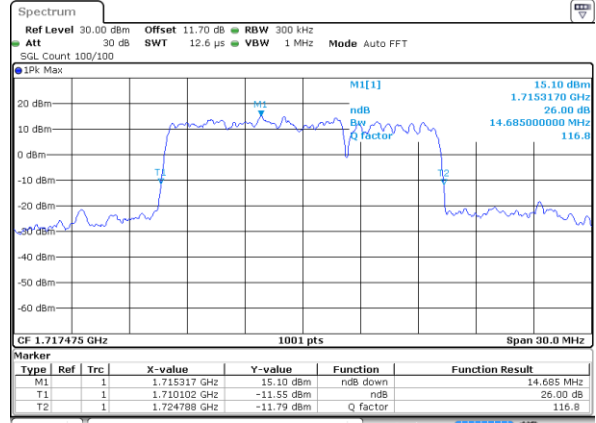
QPSK

Lowest Channel / 5MHz+15MHz



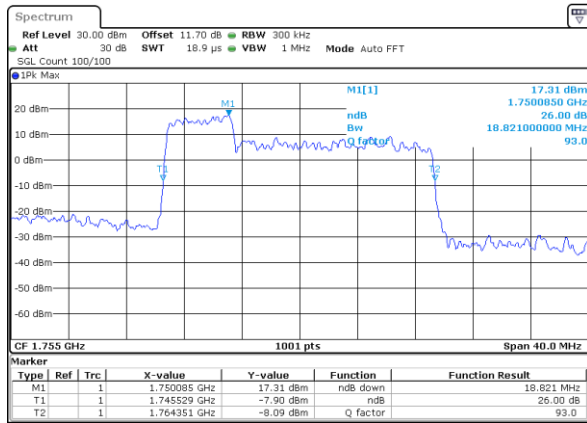
Date: 24 JAN 2020 08:49:34

Lowest Channel / 10MHz+5MHz



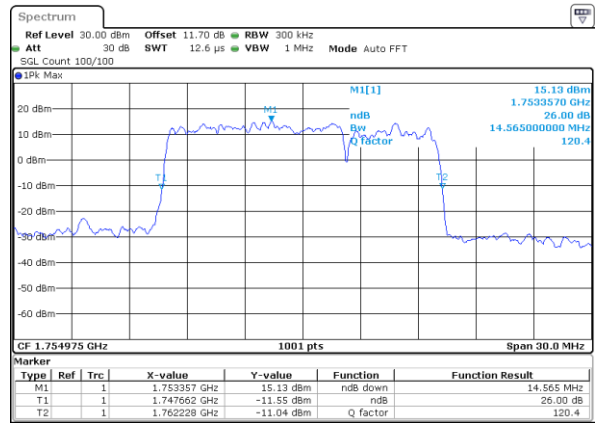
Date: 24 JAN 2020 08:43:39

Middle Channel / 5MHz+15MHz



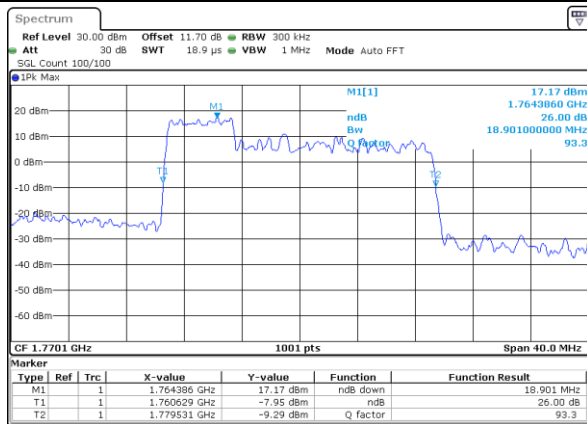
Date: 24 JAN 2020 09:09:47

Middle Channel / 10MHz+5MHz



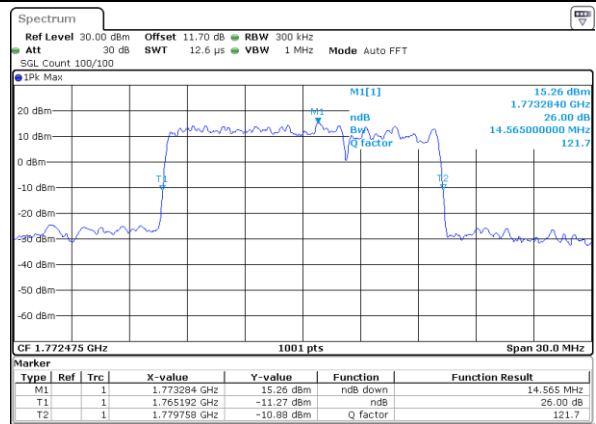
Date: 24 JAN 2020 07:02:47

Highest Channel / 5MHz+15MHz



Date: 24 JAN 2020 09:20:04

Highest Channel / 10MHz+5MHz



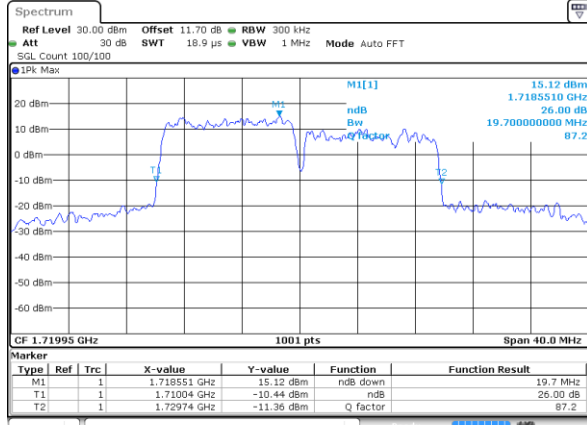
Date: 24 JAN 2020 07:13:13



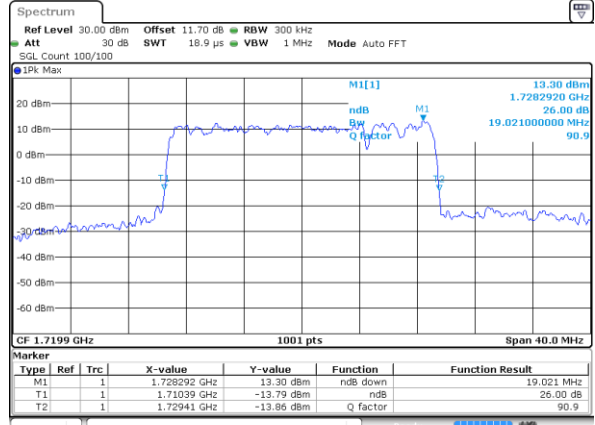
LTE Band 66B

QPSK

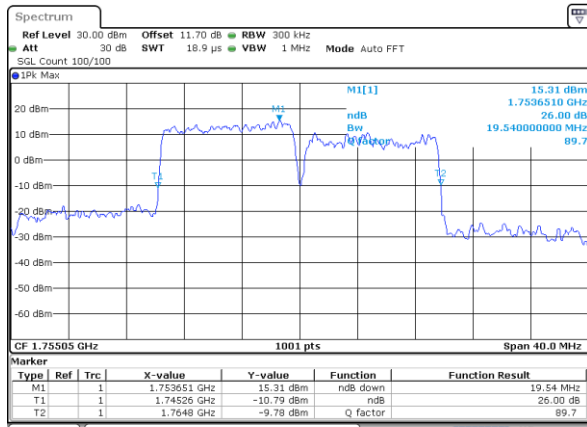
Lowest Channel / 10MHz+10MHz



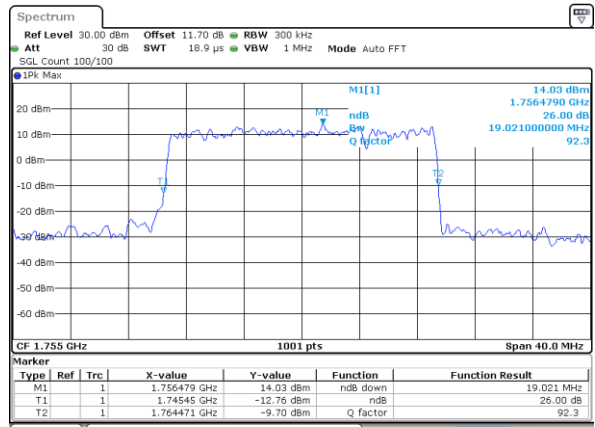
Lowest Channel / 15MHz+5MHz



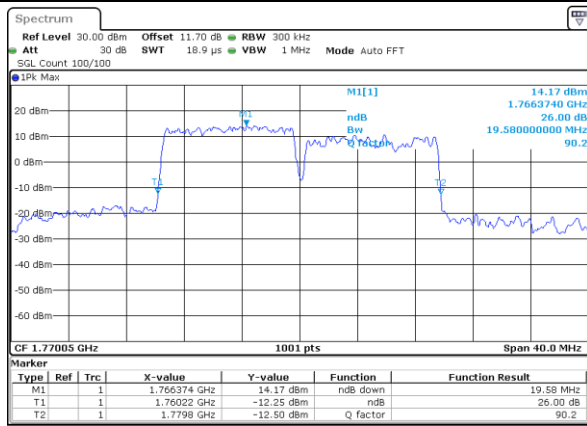
Middle Channel / 10MHz+10MHz



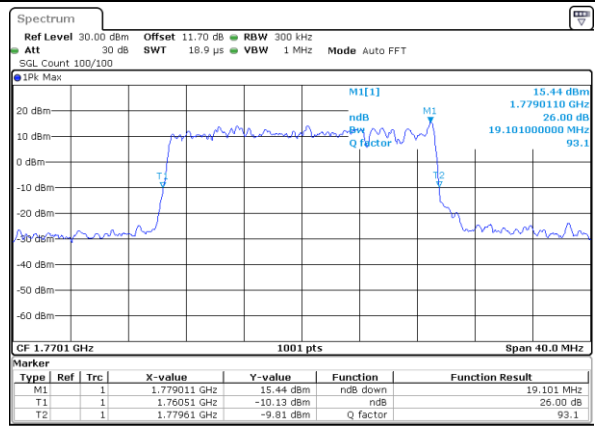
Middle Channel / 15MHz+5MHz



Highest Channel / 10MHz+10MHz



Highest Channel / 15MHz+5MHz

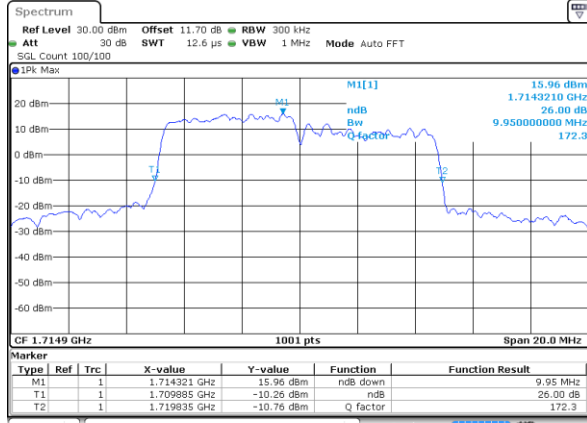




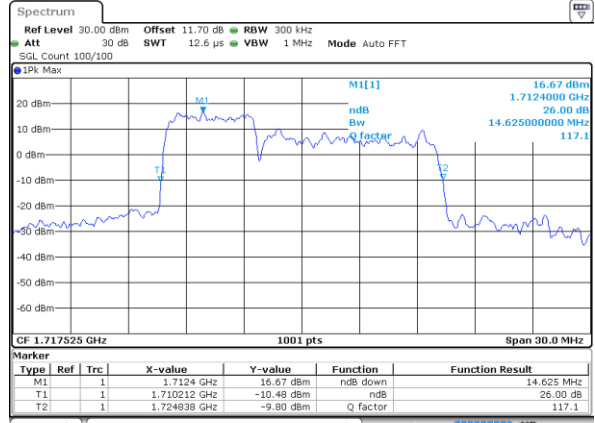
LTE Band 66B

16QAM

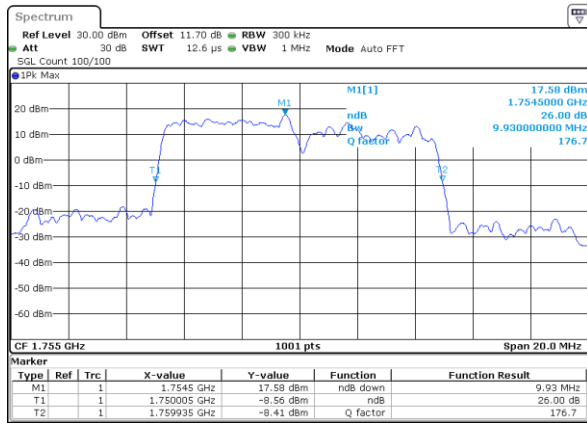
Lowest Channel / 5MHz+5MHz



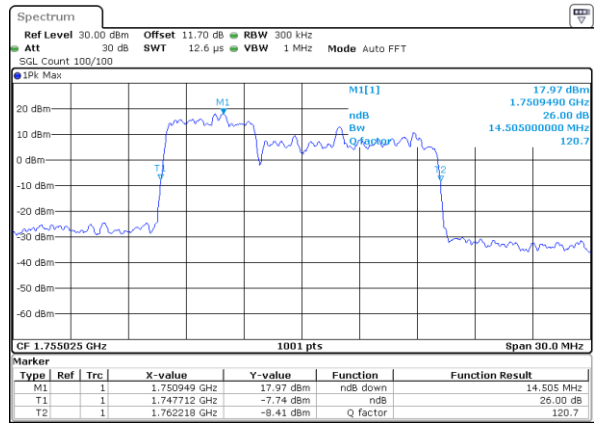
Lowest Channel / 5MHz+10MHz



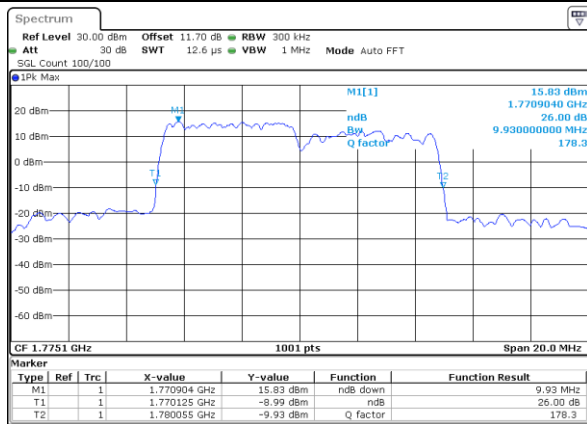
Middle Channel / 5MHz+5MHz



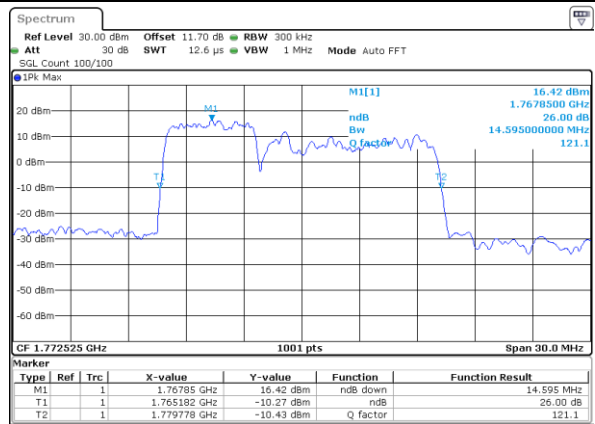
Middle Channel / 5MHz+10MHz



Highest Channel / 5MHz+5MHz



Highest Channel / 5MHz+10MHz

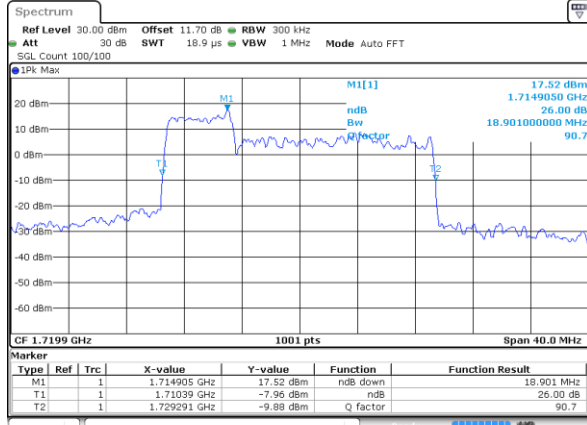




LTE Band 66B

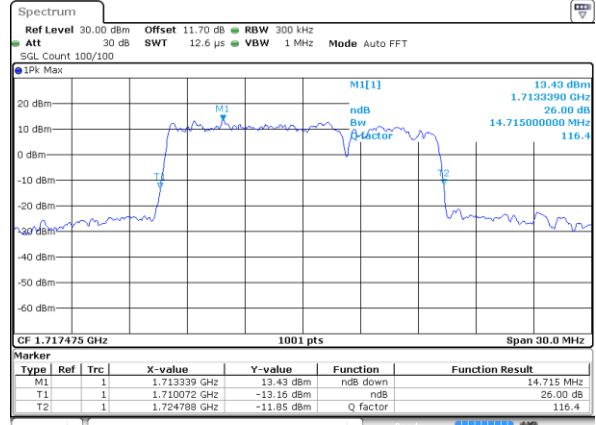
16QAM

Lowest Channel / 5MHz+15MHz



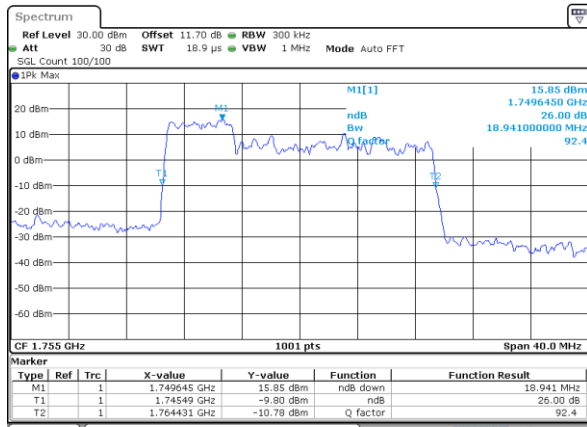
Date: 24 JAN 2020 08:49:11

Lowest Channel / 10MHz+5MHz



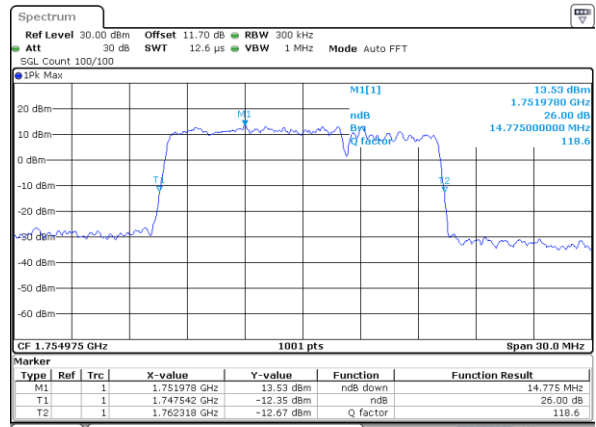
Date: 24 JAN 2020 06:43:16

Middle Channel / 5MHz+15MHz



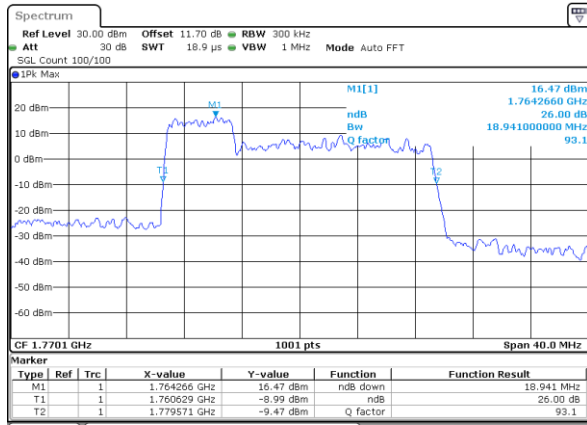
Date: 24 JAN 2020 09:09:24

Middle Channel / 10MHz+5MHz



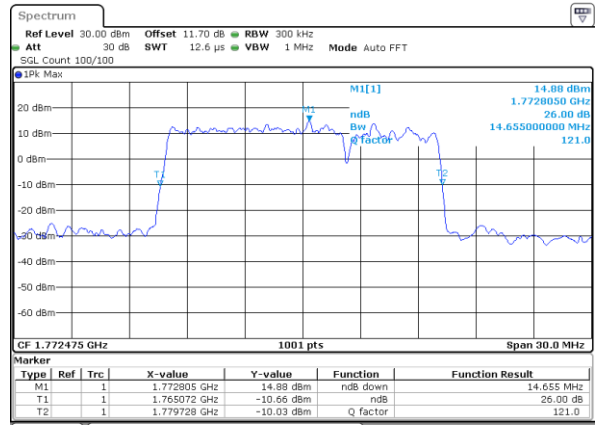
Date: 24 JAN 2020 07:02:24

Highest Channel / 5MHz+15MHz



Date: 24 JAN 2020 09:20:27

Highest Channel / 10MHz+5MHz



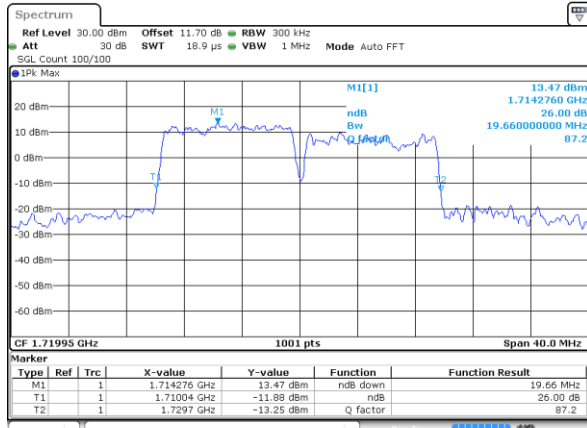
Date: 24 JAN 2020 07:13:36



LTE Band 66B

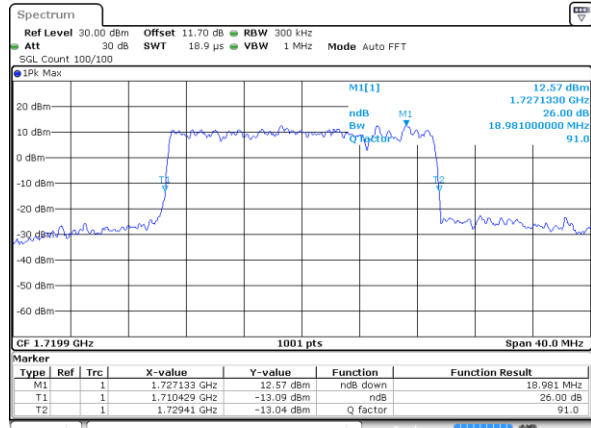
16QAM

Lowest Channel / 10MHz+10MHz



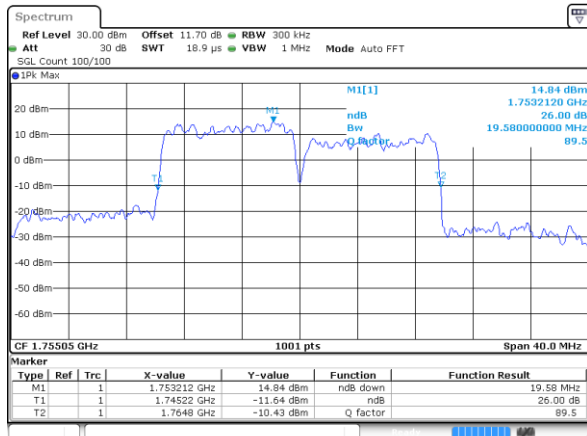
Date: 24 JAN 2020 07:56:46

Lowest Channel / 15MHz+5MHz



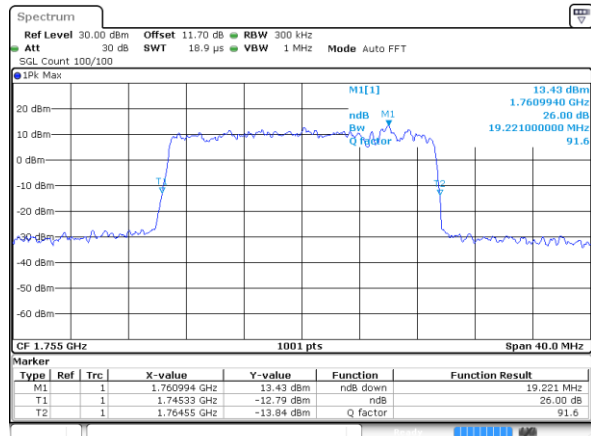
Date: 24 JAN 2020 09:43:01

Middle Channel / 10MHz+10MHz



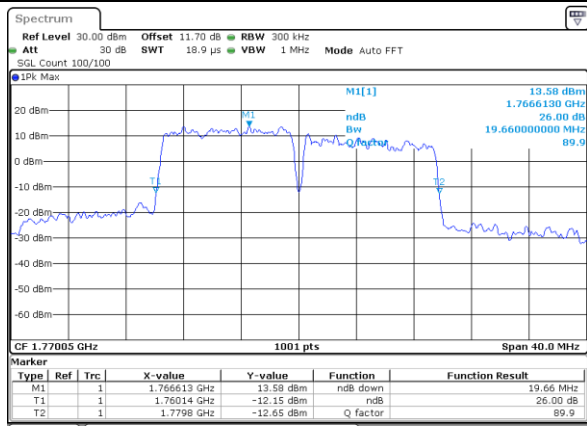
Date: 24 JAN 2020 08:13:19

Middle Channel / 15MHz+5MHz



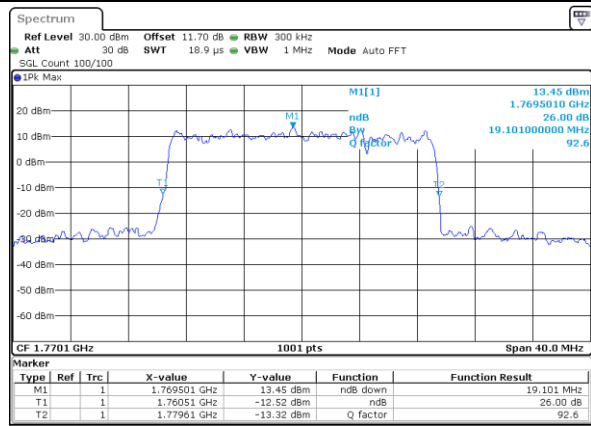
Date: 26 JAN 2020 04:08:29

Highest Channel / 10MHz+10MHz



Date: 24 JAN 2020 08:43:42

Highest Channel / 15MHz+5MHz



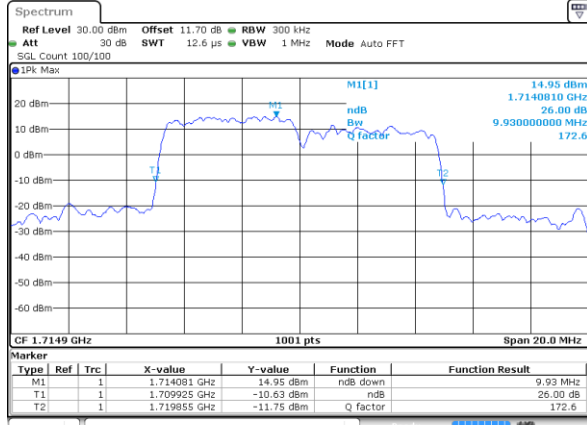
Date: 24 JAN 2020 10:15:16



LTE Band 66B

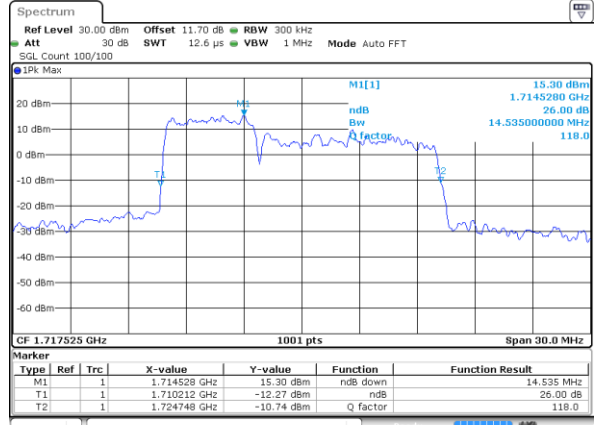
64QAM

Lowest Channel / 5MHz+5MHz



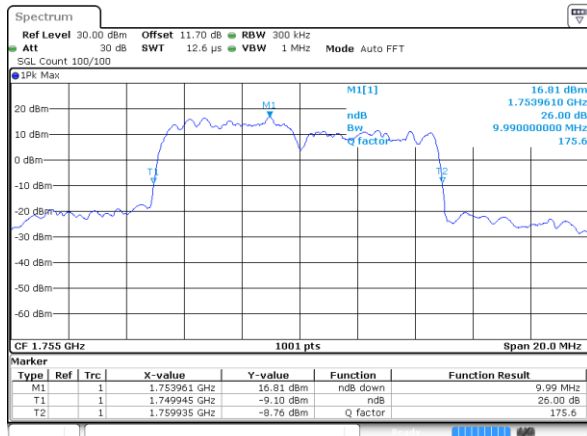
Date: 24 JAN 2020 04:38:09

Lowest Channel / 5MHz+10MHz



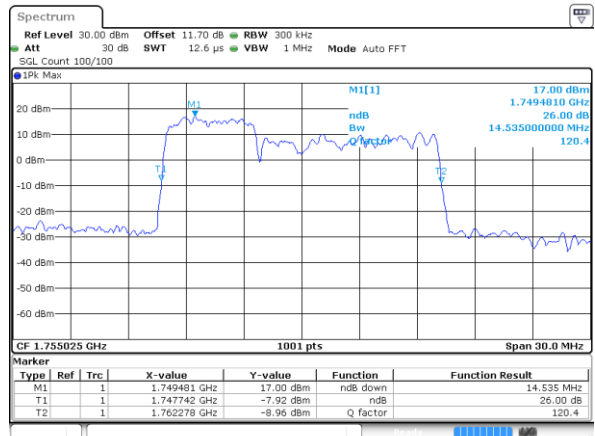
Date: 24 JAN 2020 05:45:37

Middle Channel / 5MHz+5MHz



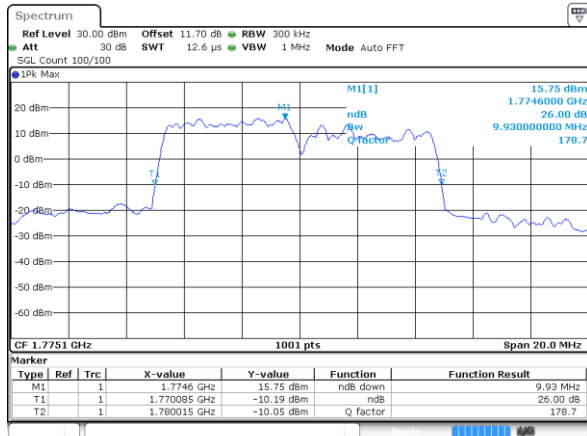
Date: 24 JAN 2020 05:10:33

Middle Channel / 5MHz+10MHz



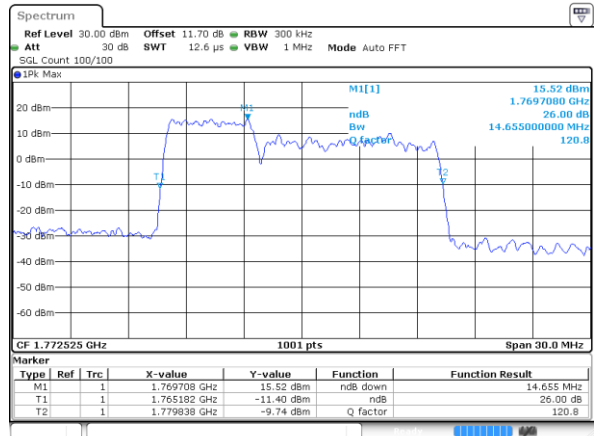
Date: 24 JAN 2020 06:11:51

Highest Channel / 5MHz+5MHz



Date: 24 JAN 2020 05:24:46

Highest Channel / 5MHz+10MHz



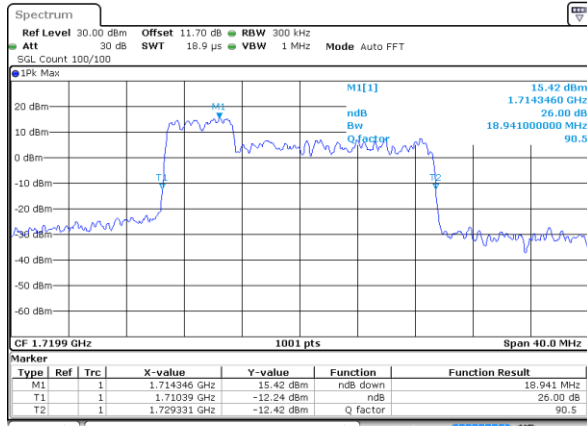
Date: 24 JAN 2020 06:24:03



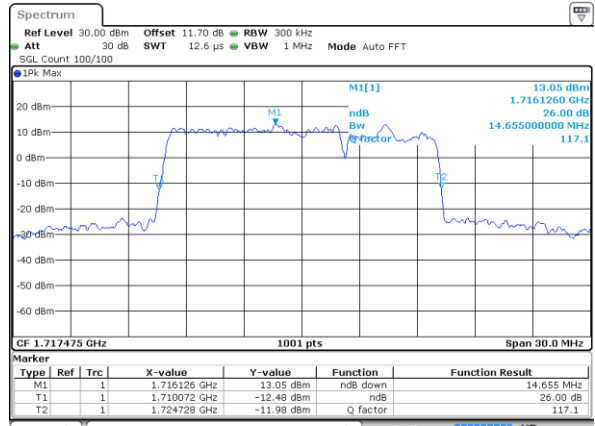
LTE Band 66B

64QAM

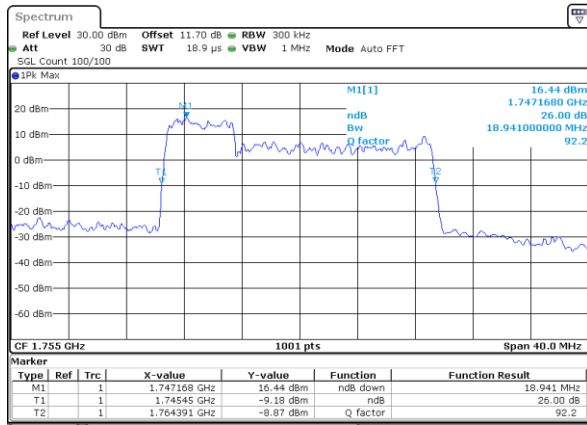
Lowest Channel / 5MHz+15MHz



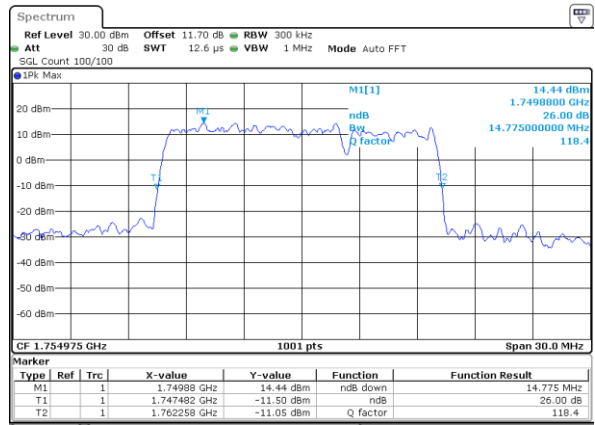
Lowest Channel / 10MHz+5MHz



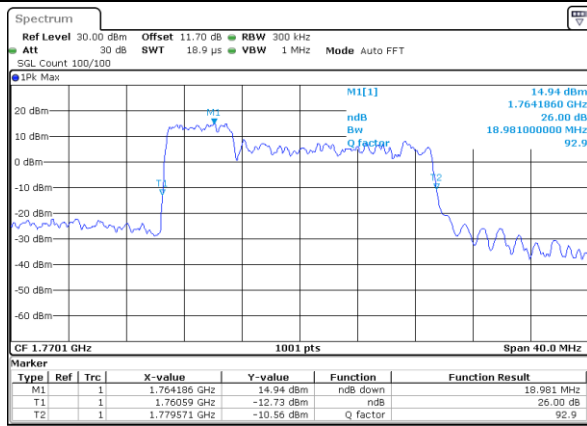
Middle Channel / 5MHz+15MHz



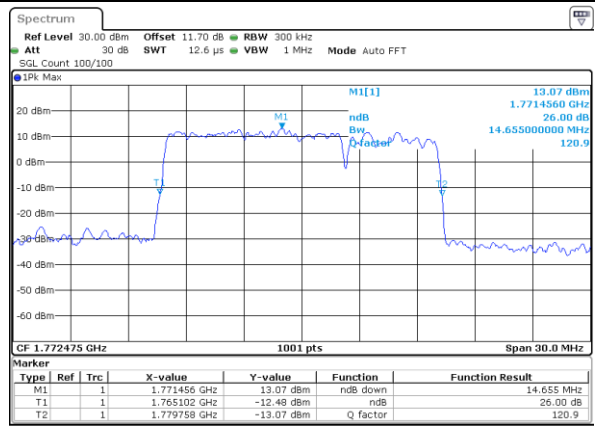
Middle Channel / 10MHz+5MHz



Highest Channel / 5MHz+15MHz



Highest Channel / 10MHz+5MHz

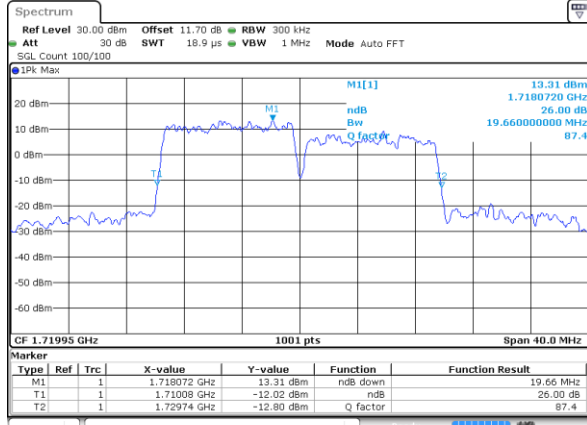




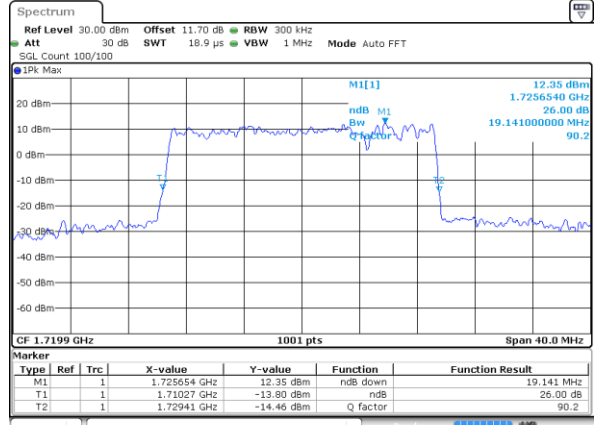
LTE Band 66B

64QAM

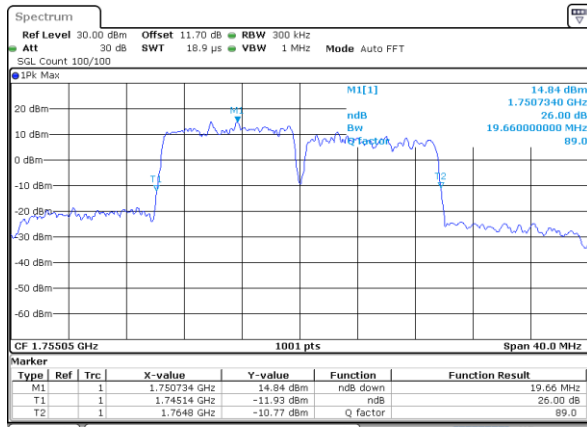
Lowest Channel / 10MHz+10MHz



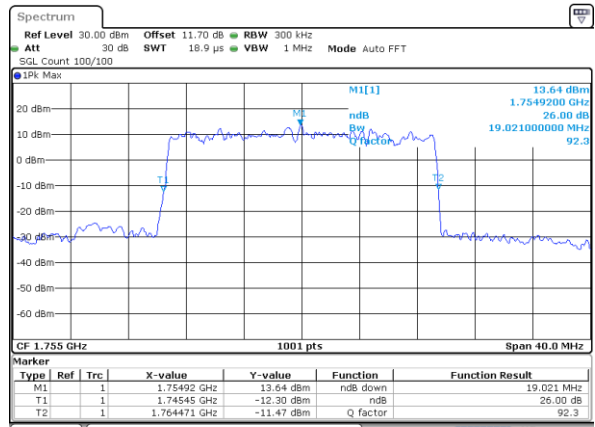
Lowest Channel / 15MHz+5MHz



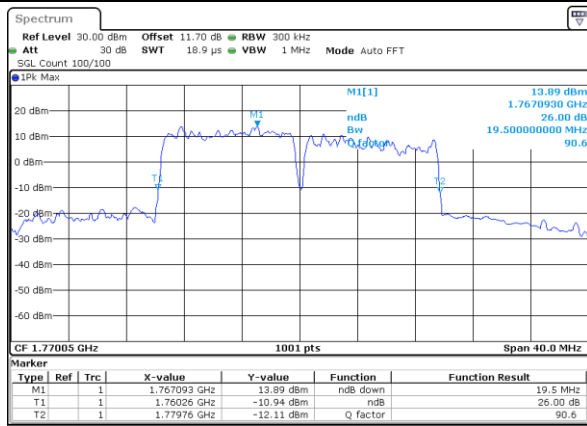
Middle Channel / 10MHz+10MHz



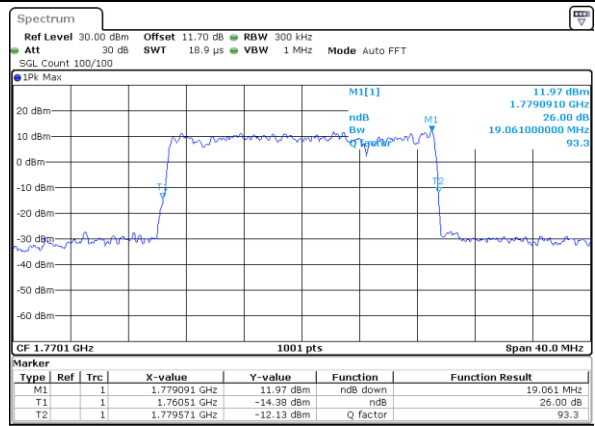
Middle Channel / 15MHz+5MHz



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	9.27	13.85	18.18
Middle CH	9.29	13.88	18.06
Highest CH	9.21	13.79	18.18
BW	10MHz+5MHz	10MHz+10MHz	15MHz+5MHz
Lowest CH	13.82	18.66	18.22
Middle CH	13.88	18.70	18.22
Highest CH	14.00	18.74	18.06

Mode	LTE Band 66B : 99%OBW(MHz)		
16QAM			
BW	5MHz+5MHz	5MHz+10MHz	5MHz+15MHz
Lowest CH	9.23	13.91	18.26
Middle CH	9.27	13.85	18.06
Highest CH	9.21	13.88	18.18
BW	10MHz+5MHz	10MHz+10MHz	15MHz+5MHz
Lowest CH	13.91	18.70	18.14
Middle CH	13.88	18.62	18.14
Highest CH	13.91	18.78	18.22

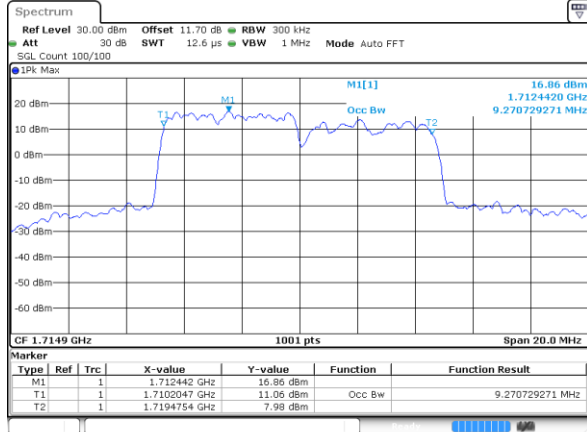
Mode	LTE Band 66B : 99%OBW(MHz)		
64QAM			
BW	5MHz+5MHz	5MHz+10MHz	5MHz+15MHz
Lowest CH	9.29	13.79	18.10
Middle CH	9.15	13.79	18.06
Highest CH	9.15	13.88	18.22
BW	10MHz+5MHz	10MHz+10MHz	15MHz+5MHz
Lowest CH	13.88	18.70	18.14
Middle CH	13.88	18.66	18.18
Highest CH	13.85	18.66	18.10



LTE Band 66B

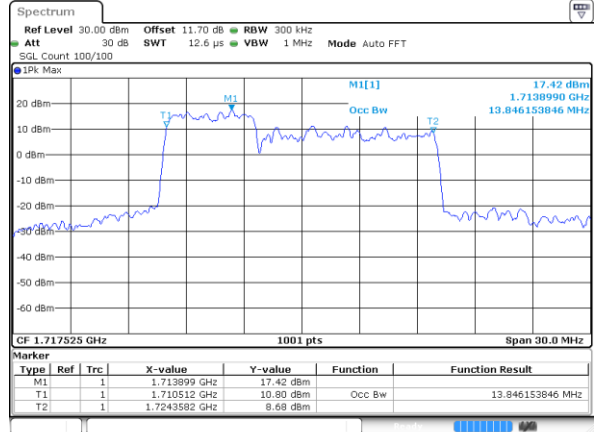
QPSK

Lowest Channel / 5MHz+5MHz



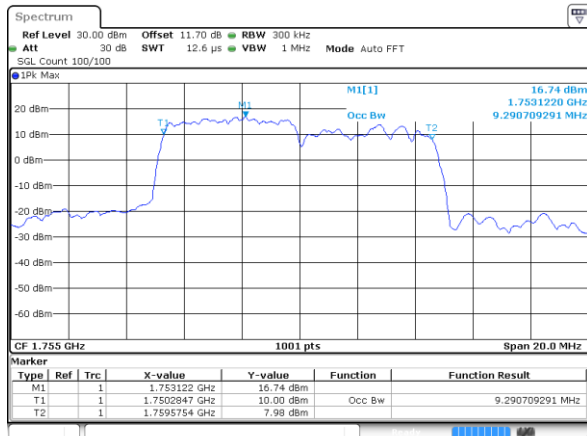
Date: 24 JAN 2020 04:37:00

Lowest Channel / 5MHz+10MHz



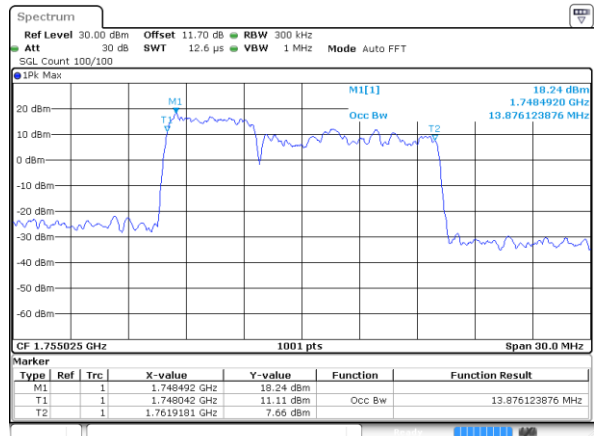
Date: 24 JAN 2020 05:44:28

Middle Channel / 5MHz+5MHz



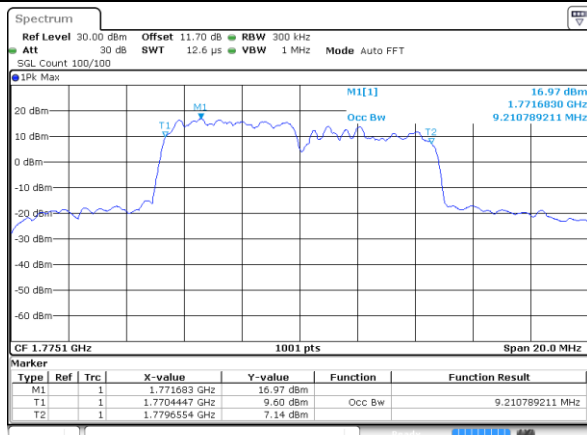
Date: 24 JAN 2020 05:09:25

Middle Channel / 5MHz+10MHz



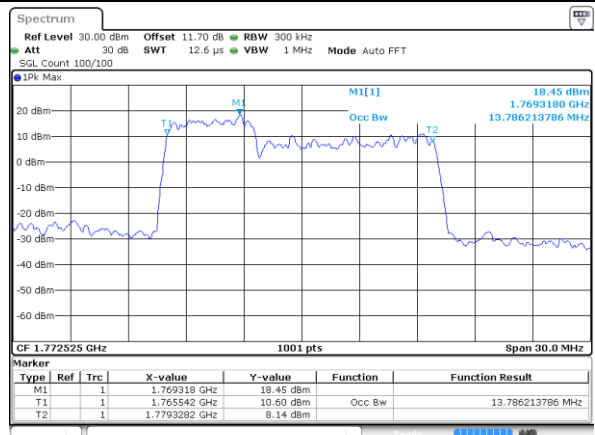
Date: 24 JAN 2020 06:10:43

Highest Channel / 5MHz+5MHz



Date: 24 JAN 2020 05:23:39

Highest Channel / 5MHz+10MHz



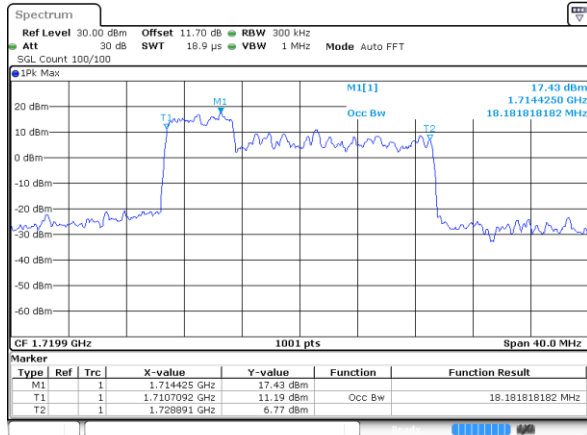
Date: 24 JAN 2020 06:22:55



LTE Band 66B

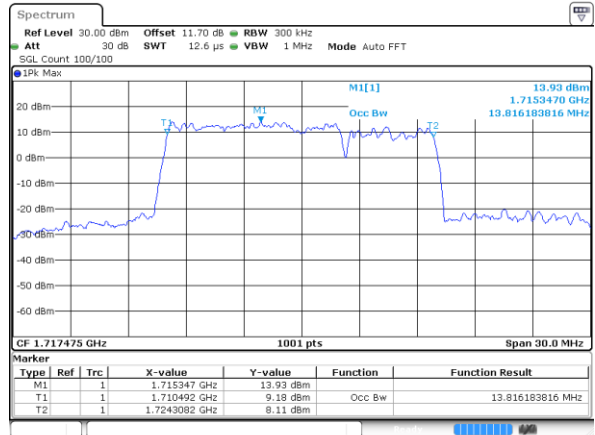
QPSK

Lowest Channel / 5MHz+15MHz



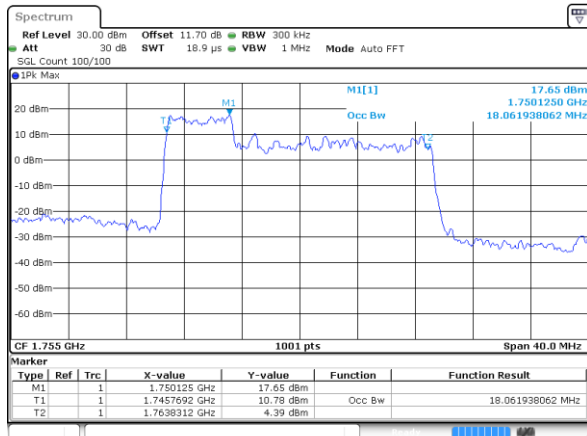
Date: 24 JAN 2020 08:47:40

Lowest Channel / 10MHz+5MHz



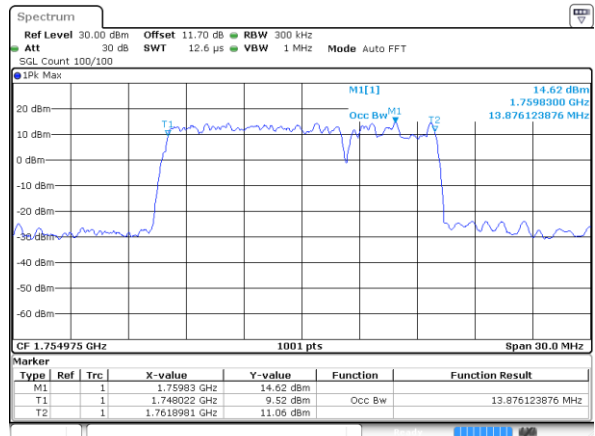
Date: 24 JAN 2020 08:41:45

Middle Channel / 5MHz+15MHz



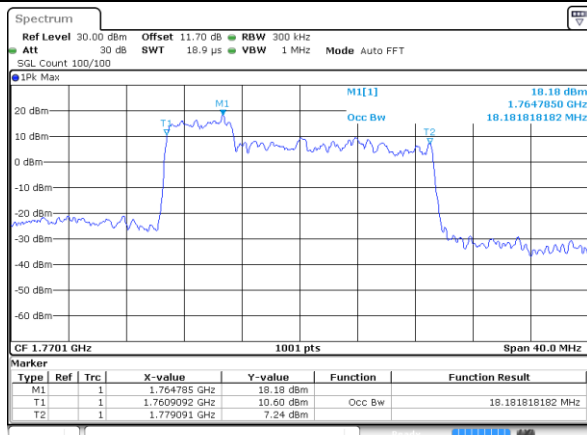
Date: 24 JAN 2020 09:07:53

Middle Channel / 10MHz+5MHz



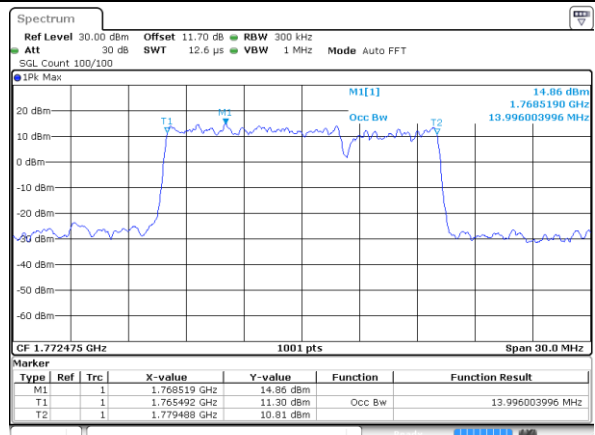
Date: 24 JAN 2020 07:00:53

Highest Channel / 5MHz+15MHz



Date: 24 JAN 2020 09:19:42

Highest Channel / 10MHz+5MHz



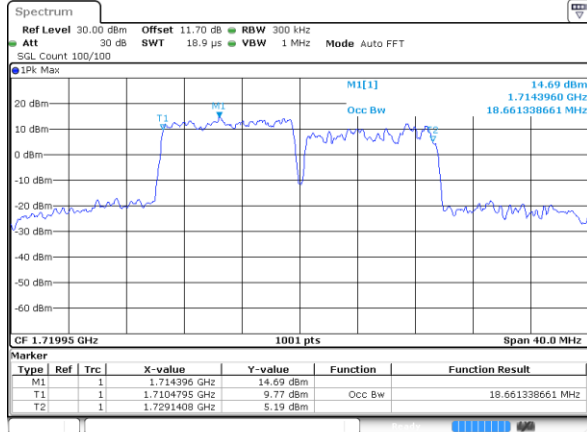
Date: 24 JAN 2020 07:12:51



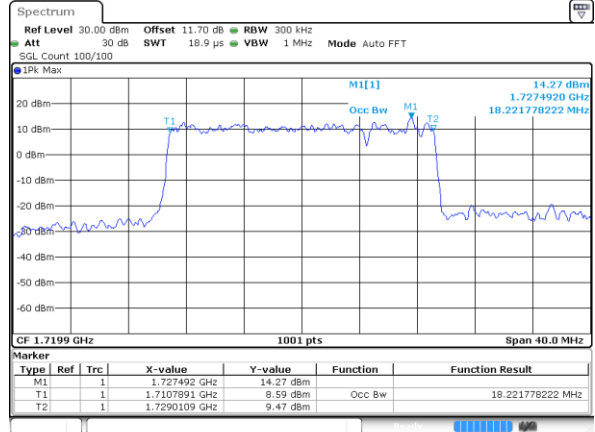
LTE Band 66B

QPSK

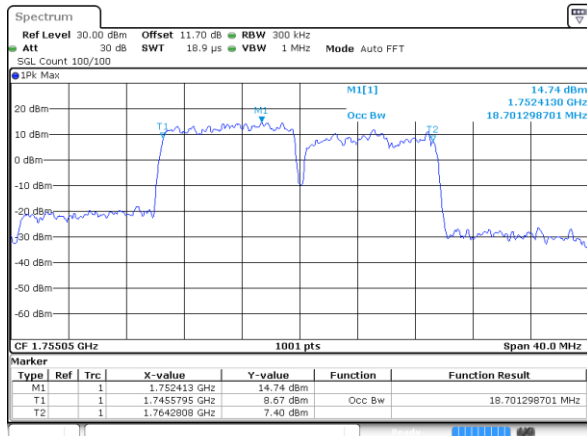
Lowest Channel / 10MHz+10MHz



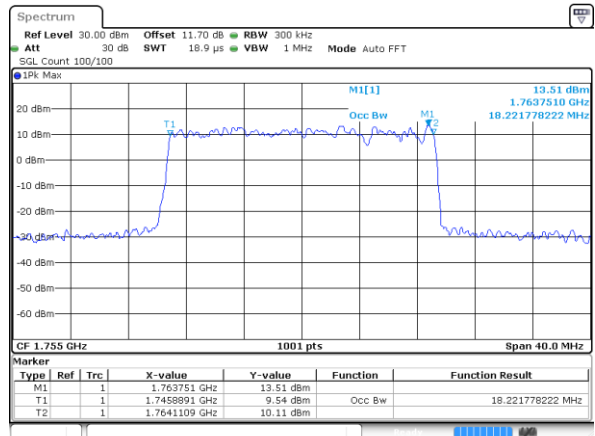
Lowest Channel / 15MHz+5MHz



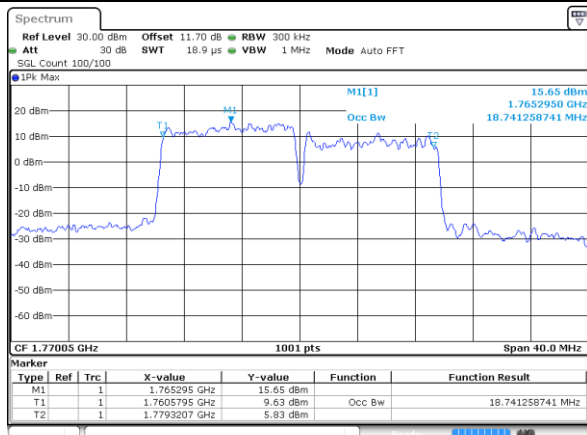
Middle Channel / 10MHz+10MHz



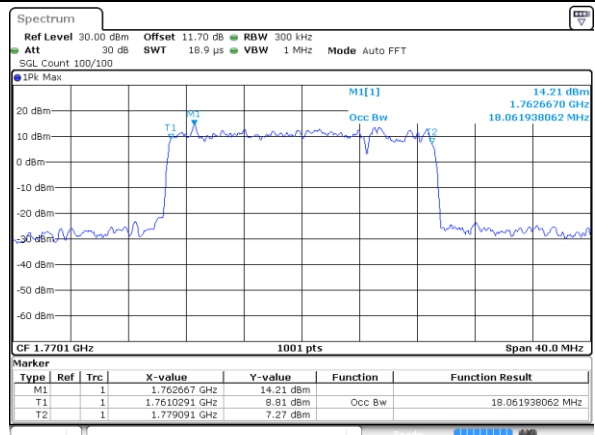
Middle Channel / 15MHz+5MHz



Highest Channel / 10MHz+10MHz



Highest Channel / 15MHz+5MHz

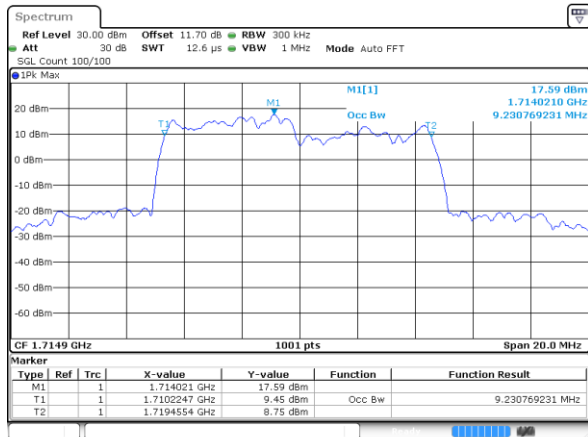




LTE Band 66B

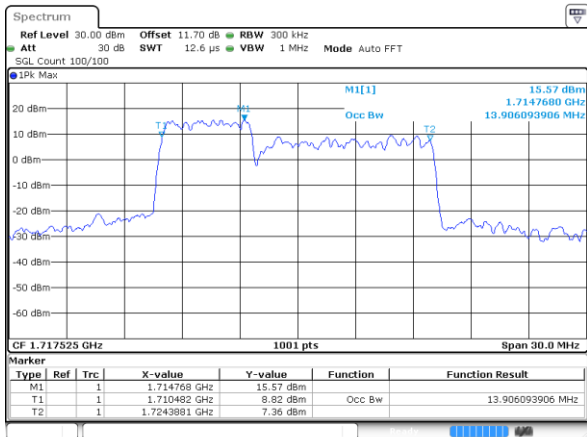
16QAM

Lowest Channel / 5MHz+5MHz



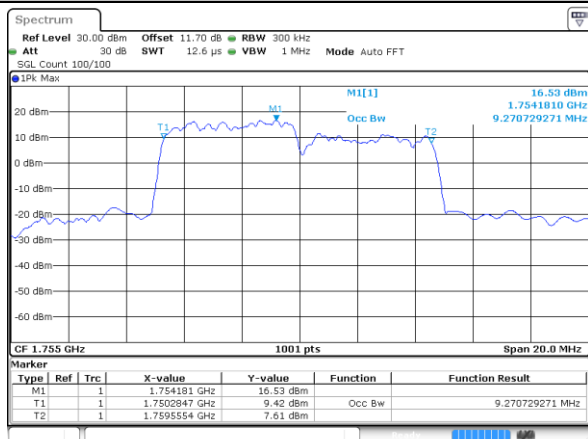
Date: 24 JAN 2020 04:37:23

Lowest Channel / 5MHz+10MHz



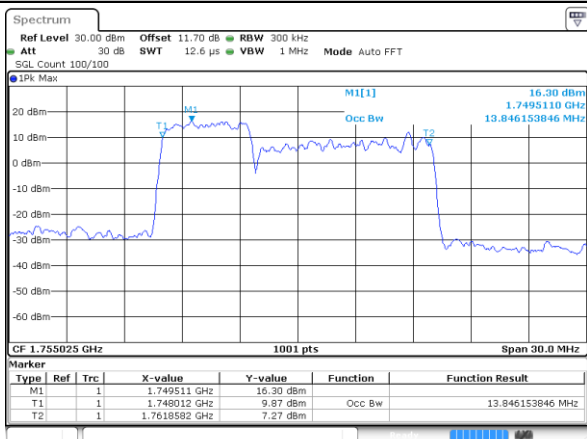
Date: 24 JAN 2020 05:44:52

Middle Channel / 5MHz+5MHz



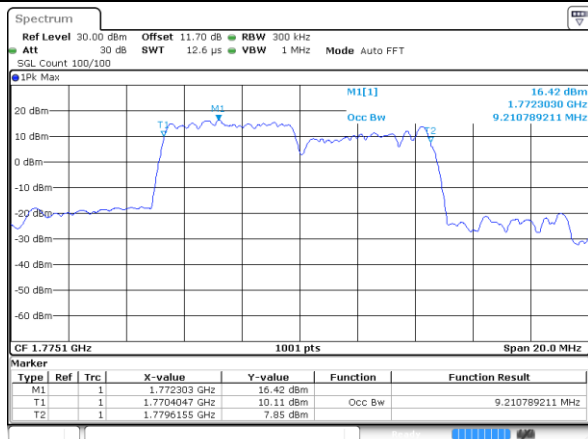
Date: 24 JAN 2020 05:09:48

Middle Channel / 5MHz+10MHz



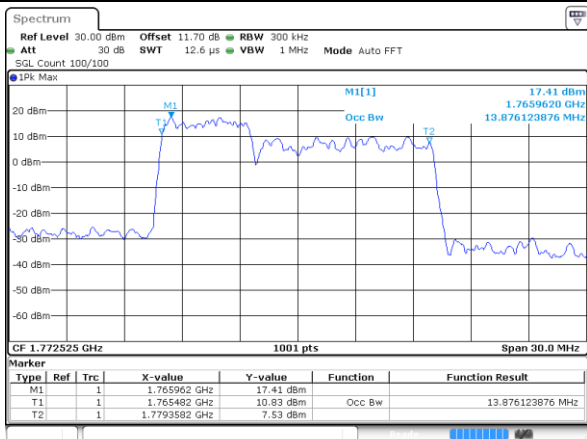
Date: 24 JAN 2020 06:11:06

Highest Channel / 5MHz+5MHz



Date: 24 JAN 2020 05:23:16

Highest Channel / 5MHz+10MHz



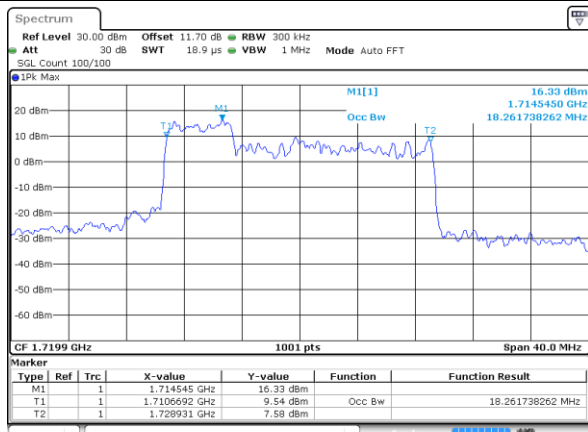
Date: 24 JAN 2020 06:22:32



LTE Band 66B

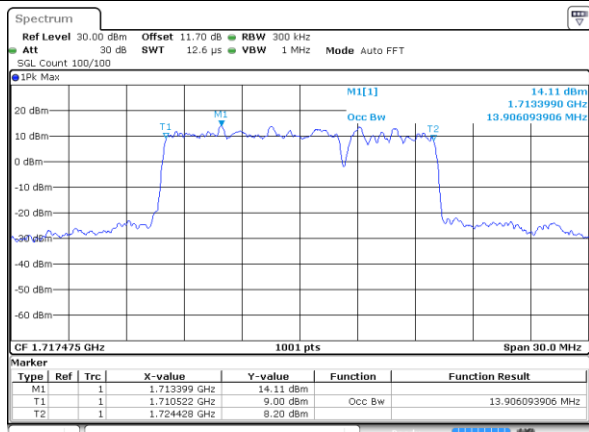
16QAM

Lowest Channel / 5MHz+15MHz



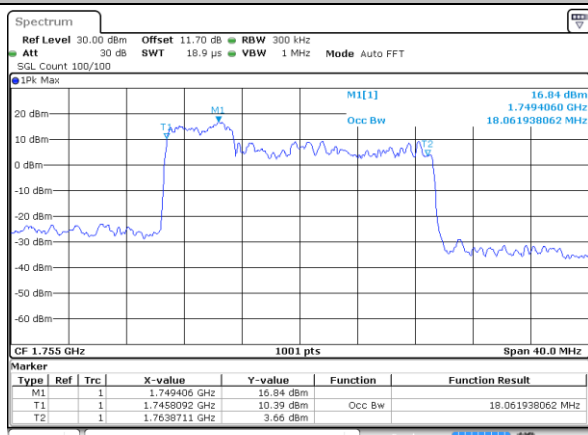
Date: 24 JAN 2020 08:48:03

Lowest Channel / 10MHz+5MHz



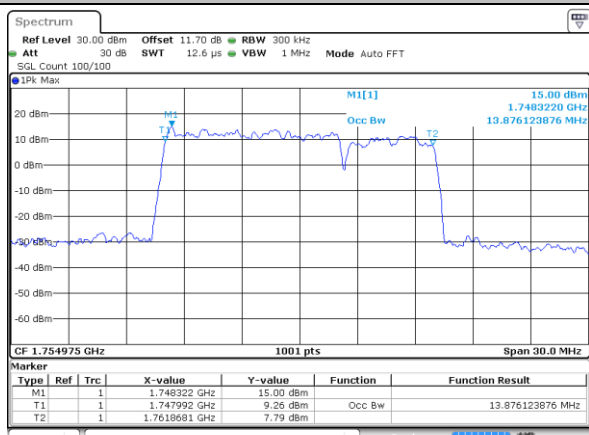
Date: 24 JAN 2020 08:42:08

Middle Channel / 5MHz+15MHz



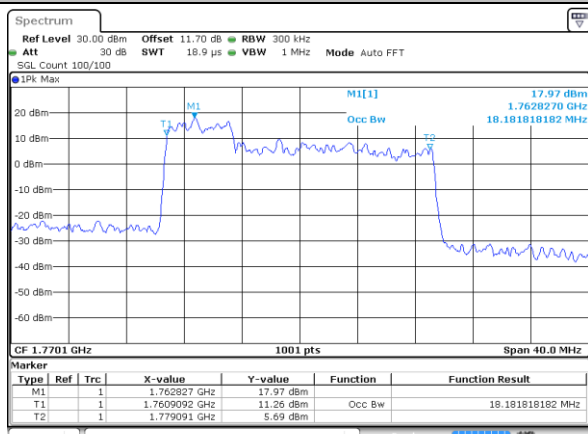
Date: 24 JAN 2020 09:08:16

Middle Channel / 10MHz+5MHz



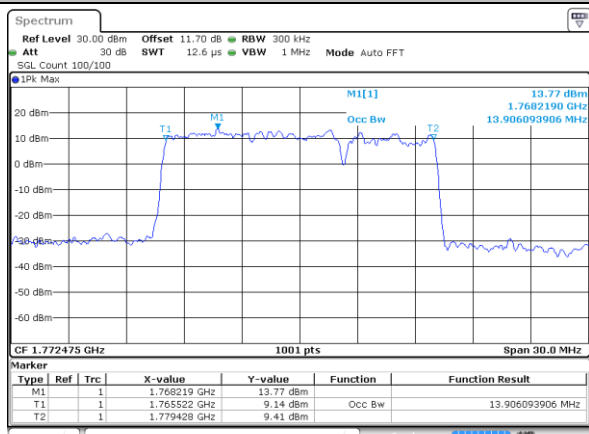
Date: 24 JAN 2020 07:01:16

Highest Channel / 5MHz+15MHz



Date: 24 JAN 2020 09:19:19

Highest Channel / 10MHz+5MHz



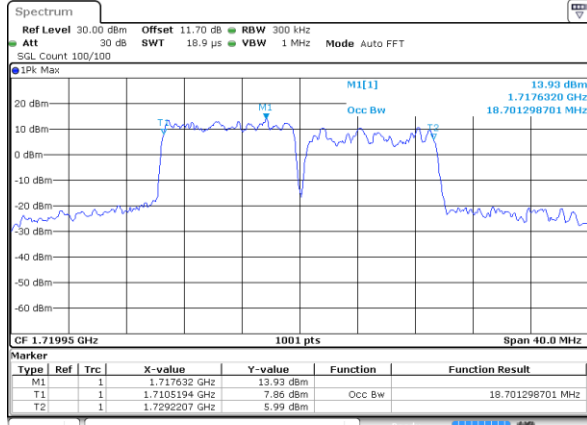
Date: 24 JAN 2020 07:12:28



LTE Band 66B

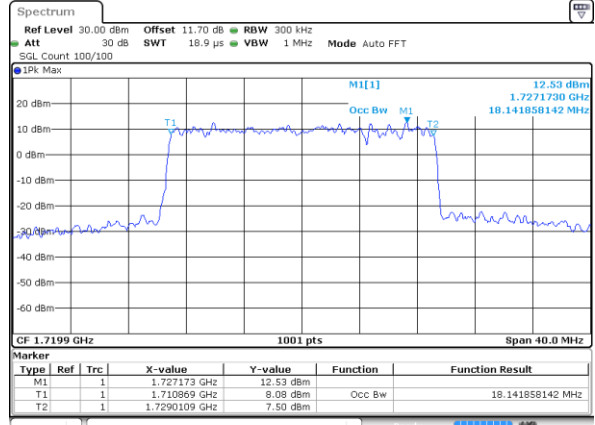
16QAM

Lowest Channel / 10MHz+10MHz



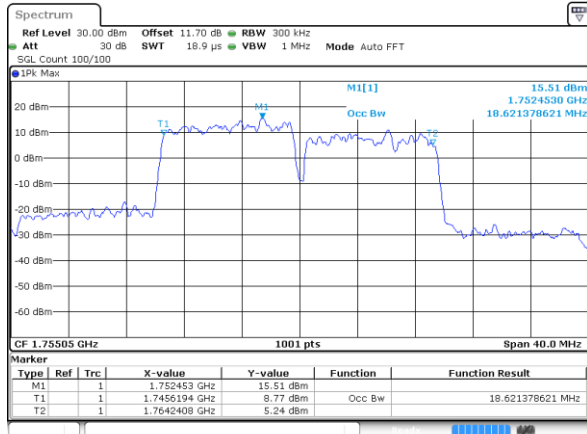
Date: 24 JAN 2020 07:36:12

Lowest Channel / 15MHz+5MHz



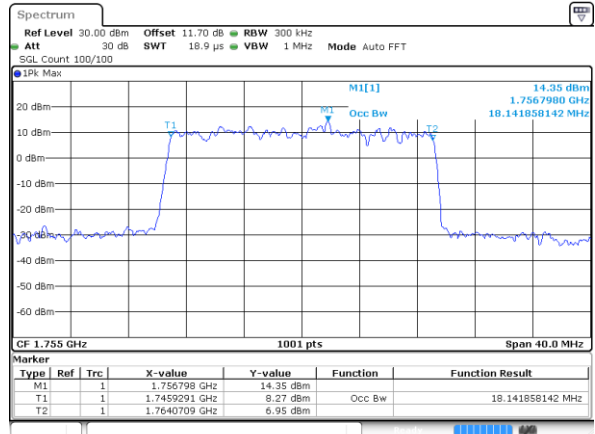
Date: 24 JAN 2020 09:41:53

Middle Channel / 10MHz+10MHz



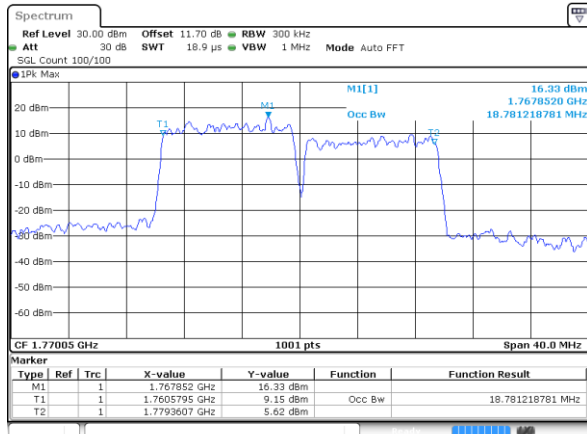
Date: 24 JAN 2020 08:00:43

Middle Channel / 15MHz+5MHz



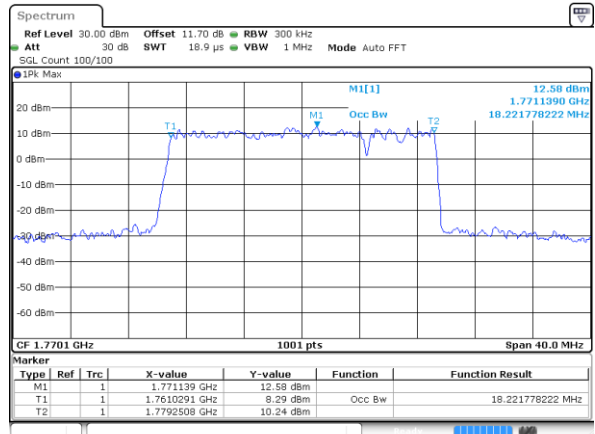
Date: 26 JAN 2020 04:07:21

Highest Channel / 10MHz+10MHz



Date: 24 JAN 2020 08:16:30

Highest Channel / 15MHz+5MHz



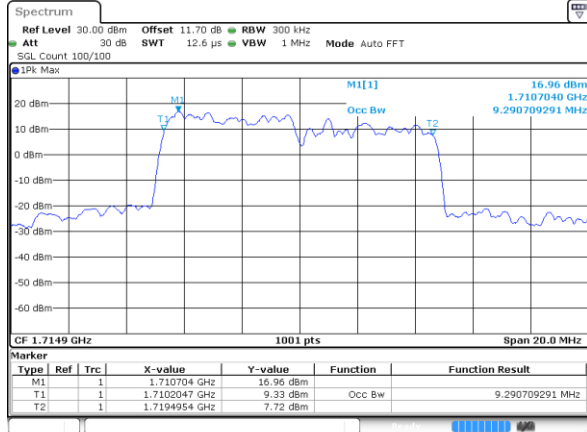
Date: 24 JAN 2020 10:14:09



LTE Band 66B

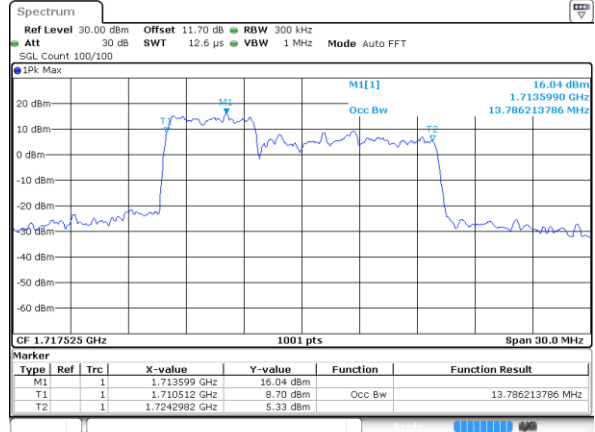
64QAM

Lowest Channel / 5MHz+5MHz



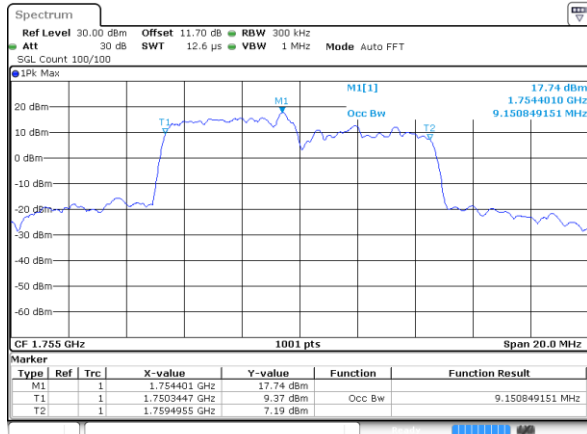
Date: 24 JAN 2020 04:37:47

Lowest Channel / 5MHz+10MHz



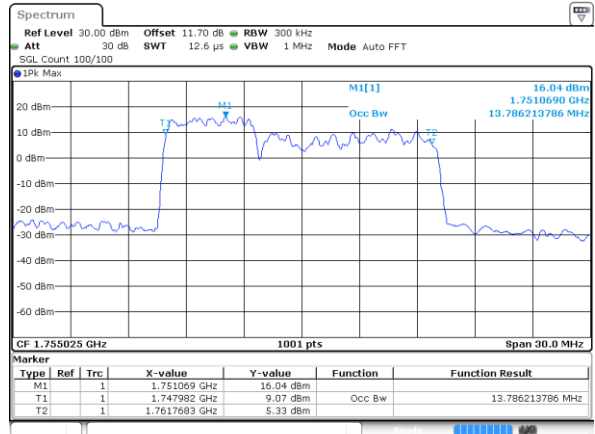
Date: 24 JAN 2020 05:45:15

Middle Channel / 5MHz+5MHz



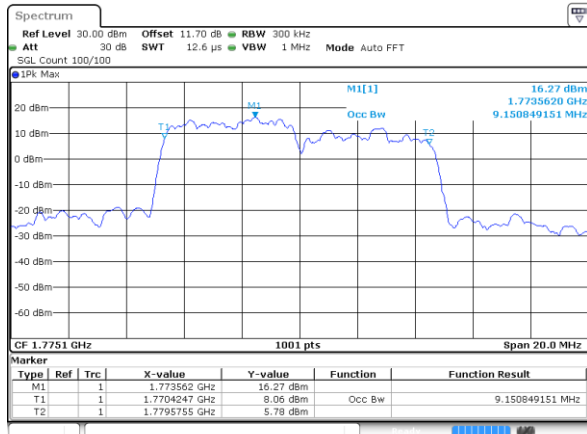
Date: 24 JAN 2020 05:10:11

Middle Channel / 5MHz+10MHz



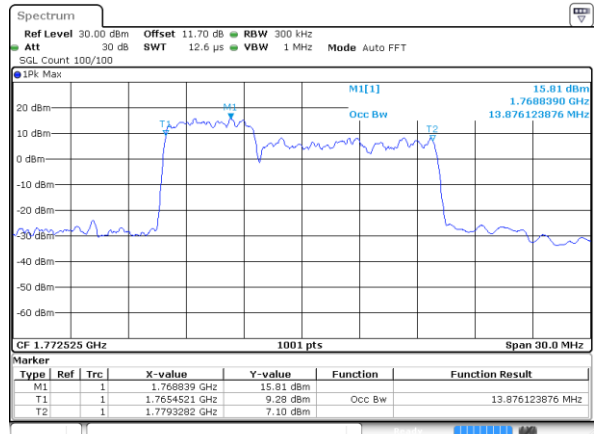
Date: 24 JAN 2020 06:11:29

Highest Channel / 5MHz+5MHz



Date: 24 JAN 2020 05:22:52

Highest Channel / 5MHz+10MHz



Date: 24 JAN 2020 06:22:09