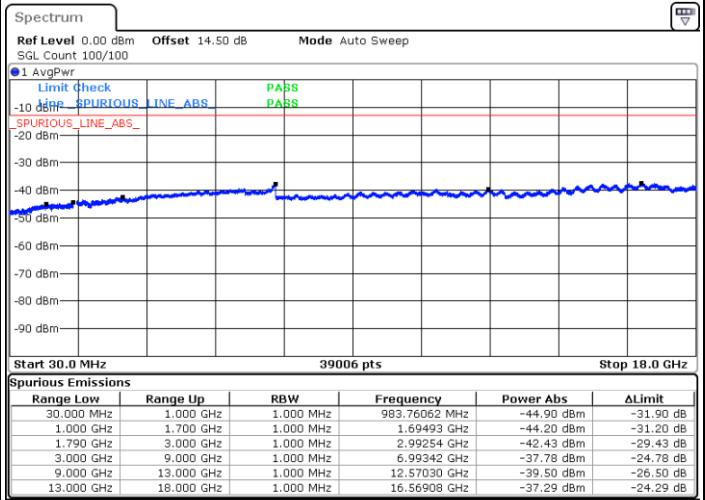
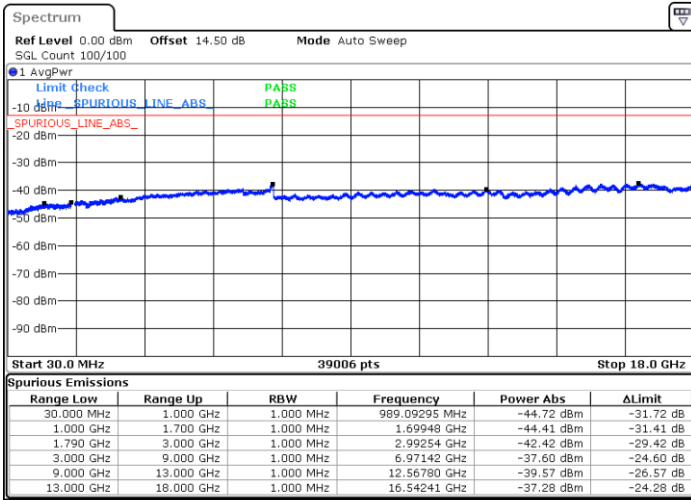




LTE Band 66 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

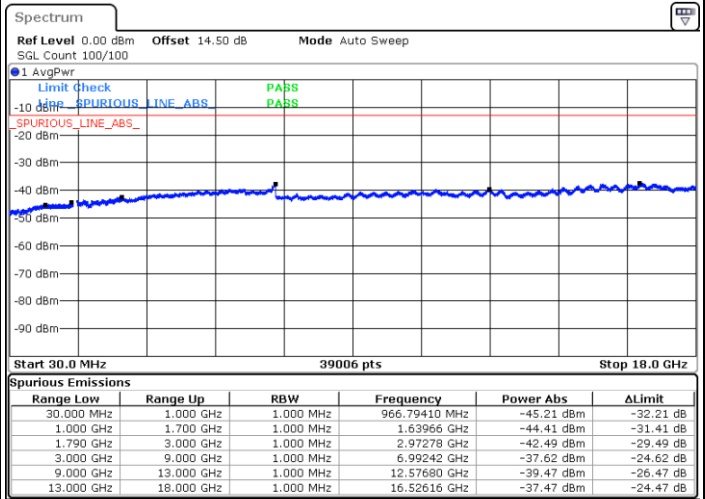
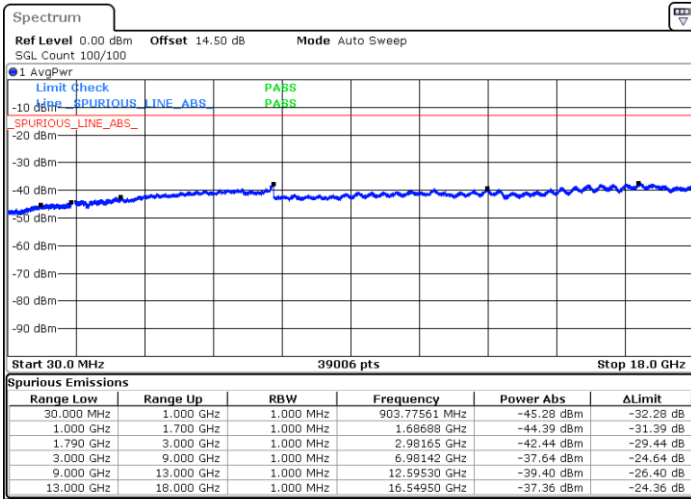


Date: 21.DEC.2020 13:21:05

Date: 21.DEC.2020 13:21:53

Highest Channel / QPSK

Highest Channel / 16QAM



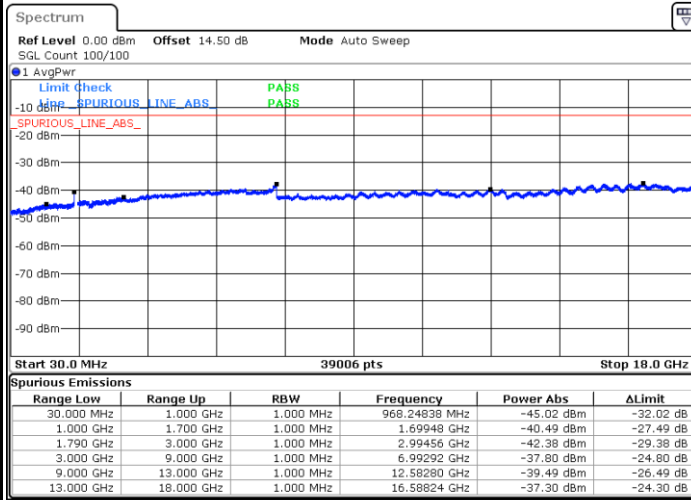
Date: 21.DEC.2020 13:26:25

Date: 21.DEC.2020 13:27:12



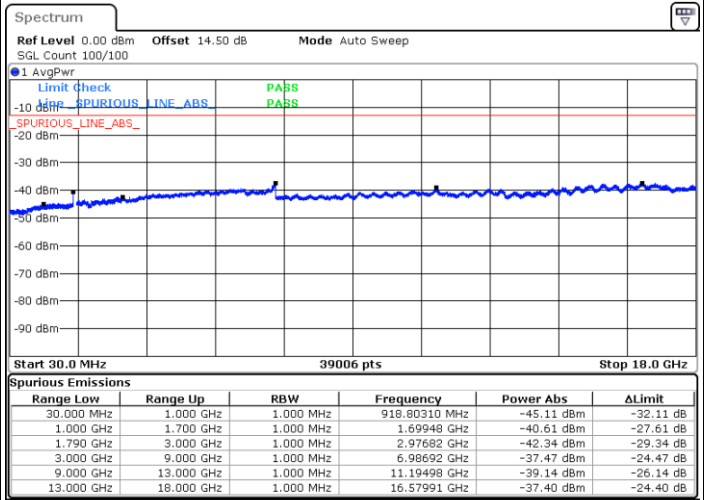
LTE Band 66 / 15MHz

Lowest Channel / QPSK



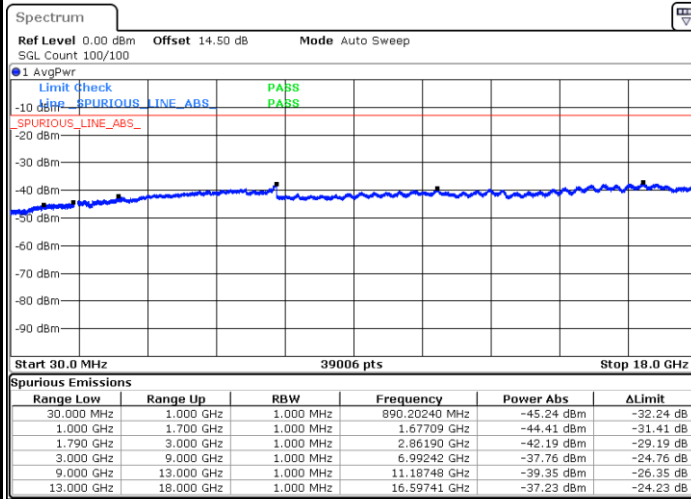
Date: 21.DEC.2020 13:54:34

Lowest Channel / 16QAM



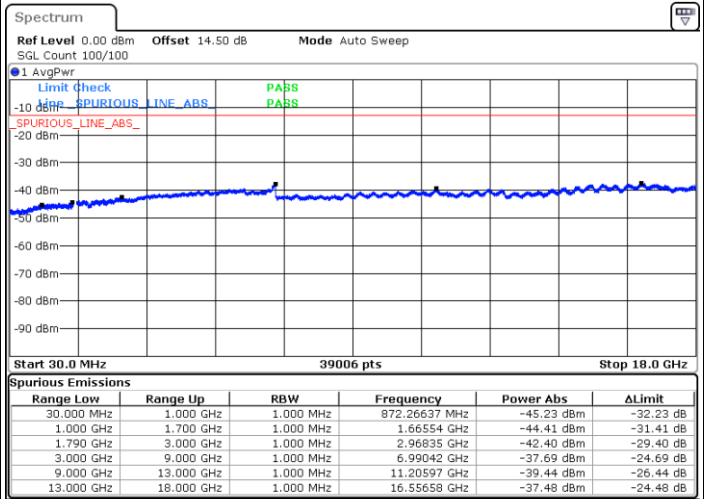
Date: 21.DEC.2020 13:55:22

Middle Channel / QPSK



Date: 21.DEC.2020 13:56:53

Middle Channel / 16QAM

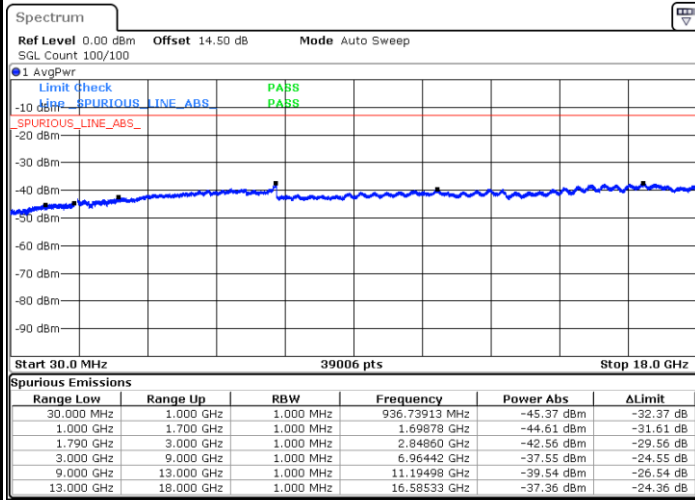


Date: 21.DEC.2020 13:57:40



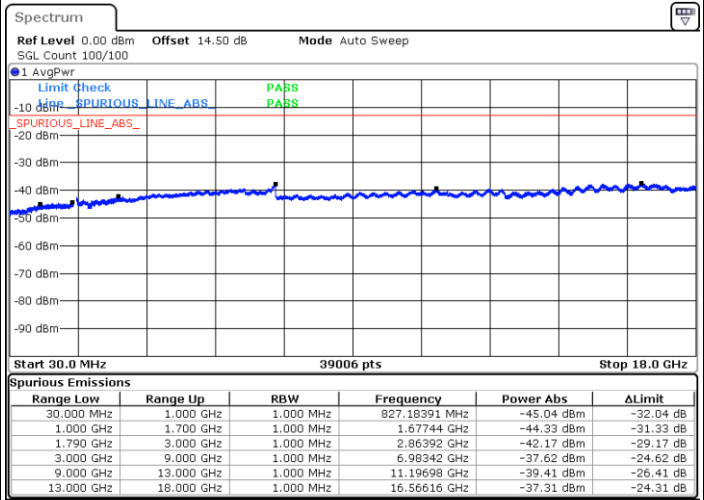
LTE Band 66 / 15MHz

Highest Channel / QPSK



Date: 21.DEC.2020 14:02:11

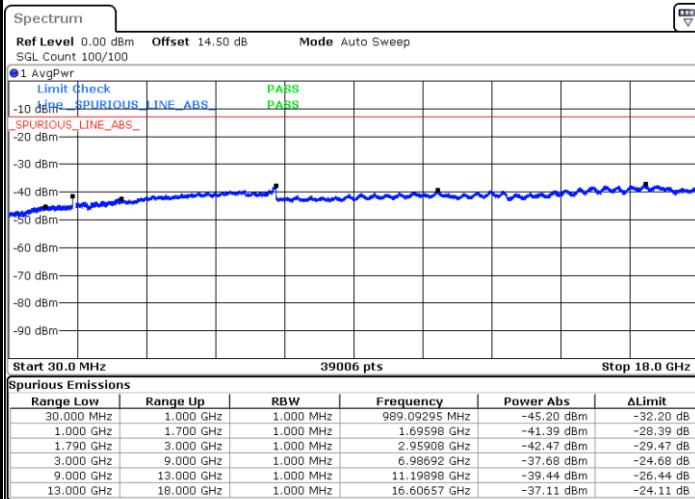
Highest Channel / 16QAM



Date: 21.DEC.2020 14:02:58

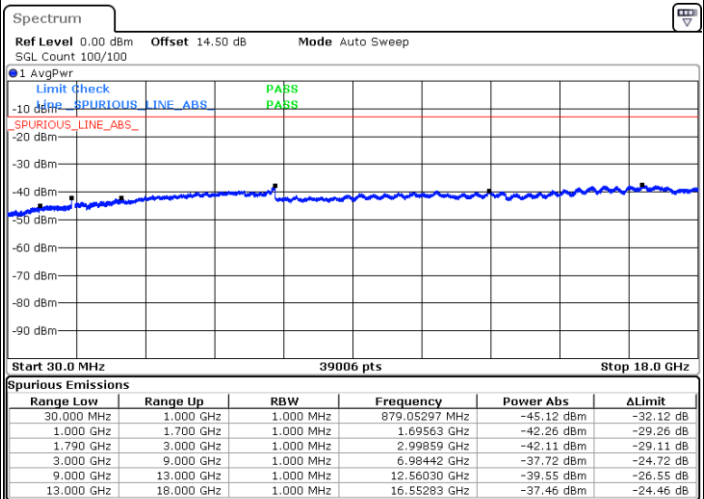
LTE Band 66 / 20MHz

Lowest Channel / QPSK



Date: 21.DEC.2020 14:51:08

Lowest Channel / 16QAM



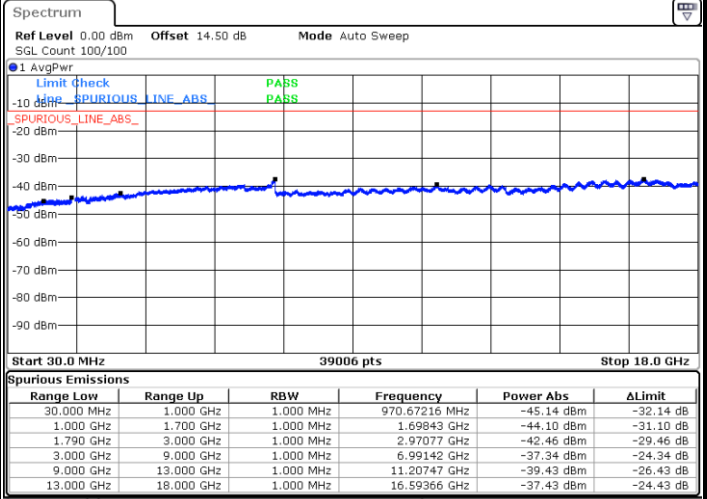
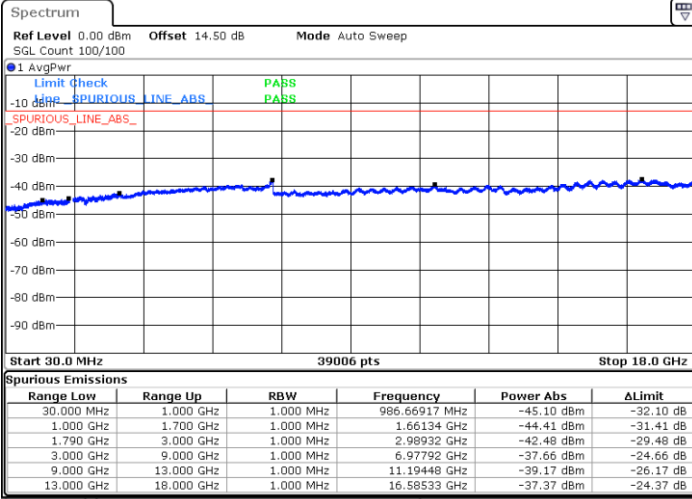
Date: 21.DEC.2020 14:51:55



LTE Band 66 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

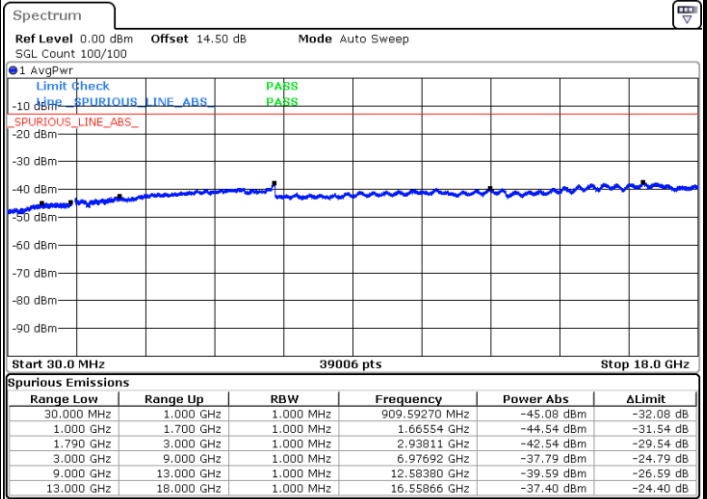
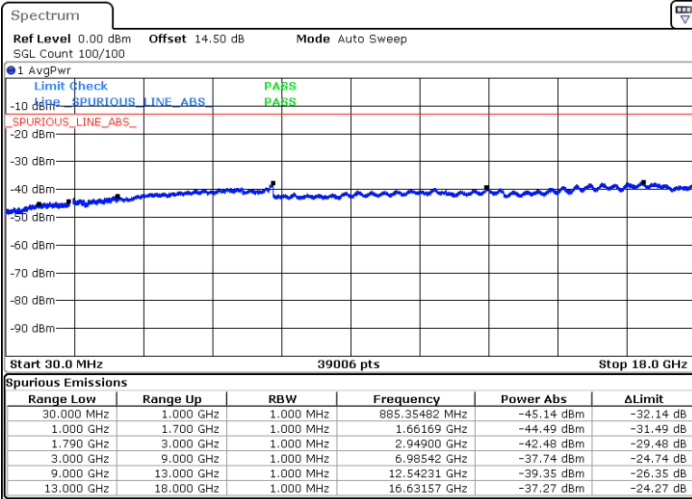


Date: 21.DEC.2020 14:53:26

Date: 21.DEC.2020 14:54:13

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 21.DEC.2020 14:58:44

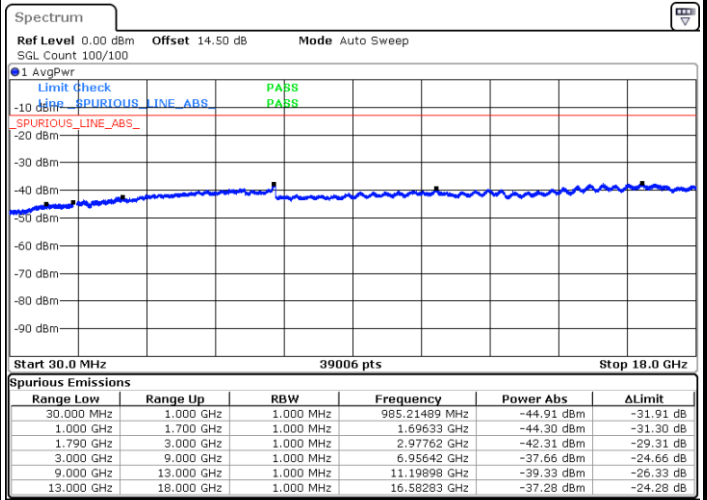
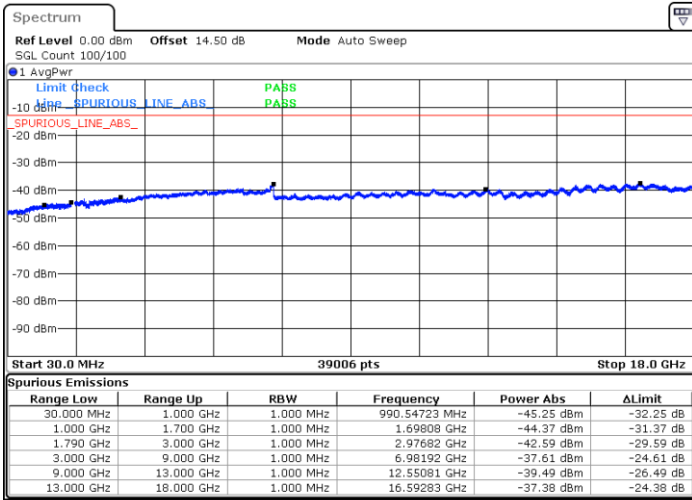
Date: 21.DEC.2020 14:59:31



LTE Band 66 / 1.4MHz

Lowest Channel / 64QAM

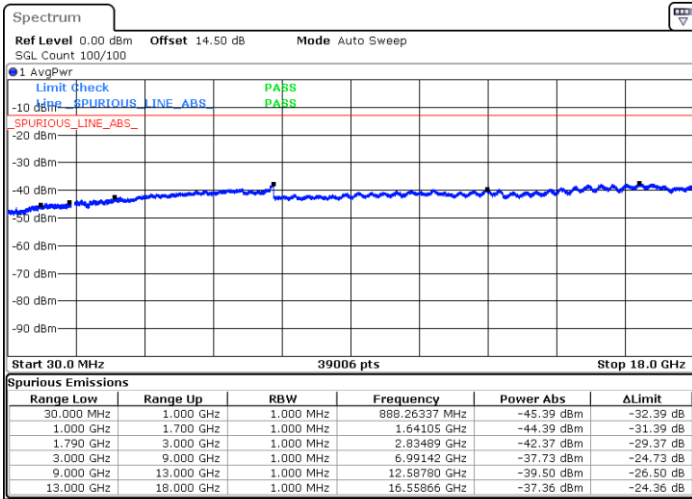
Middle Channel / 64QAM



Date: 21.DEC.2020 10:59:21

Date: 21.DEC.2020 10:18:07

Highest Channel / 64QAM

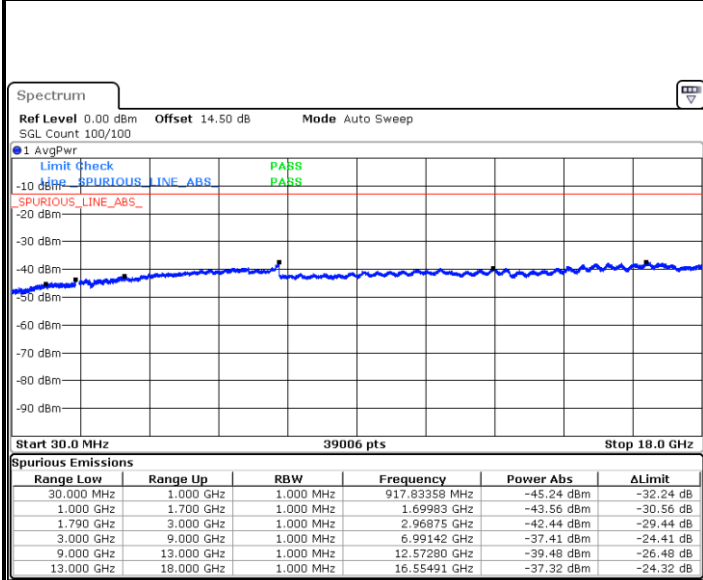


Date: 21.DEC.2020 10:54:24



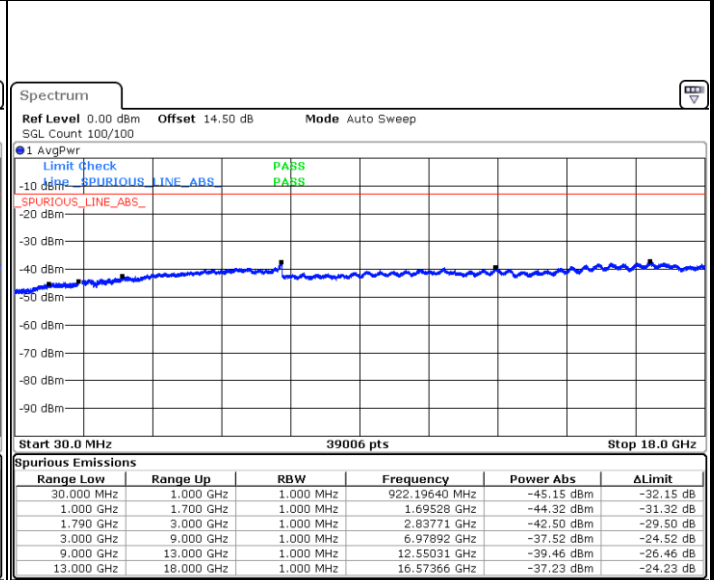
LTE Band 66 / 3MHz

Lowest Channel / 64QAM



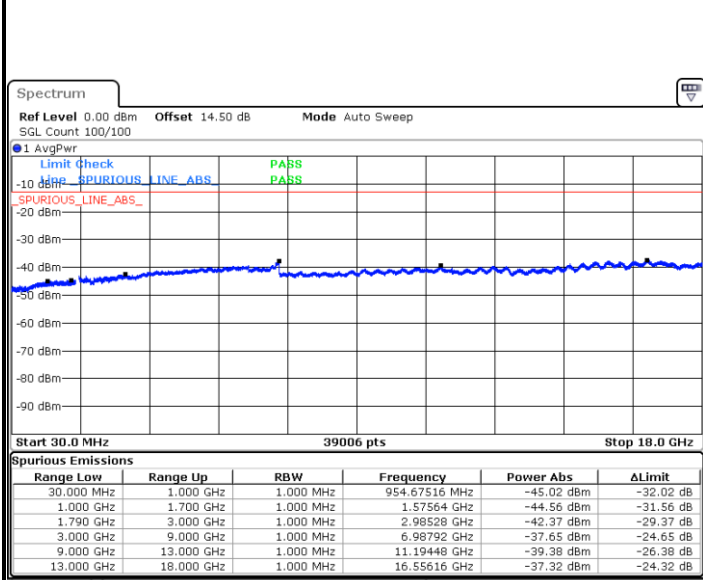
Date: 21.DEC.2020 11:15:56

Middle Channel / 64QAM



Date: 21.DEC.2020 11:17:06

Highest Channel / 64QAM



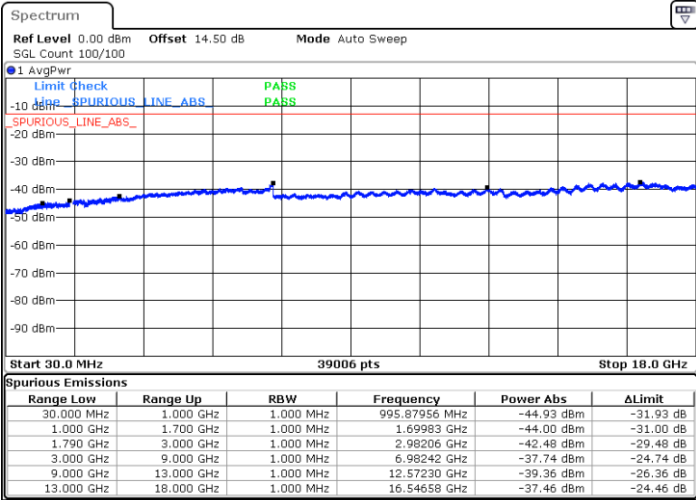
Date: 21.DEC.2020 11:19:45



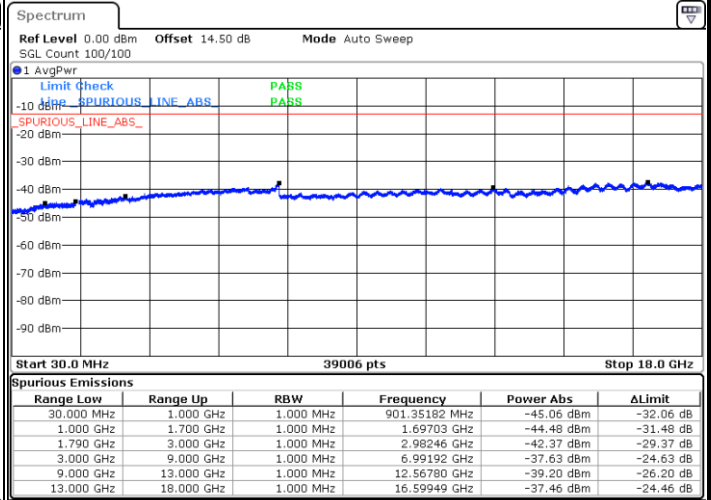
LTE Band 66 / 5MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

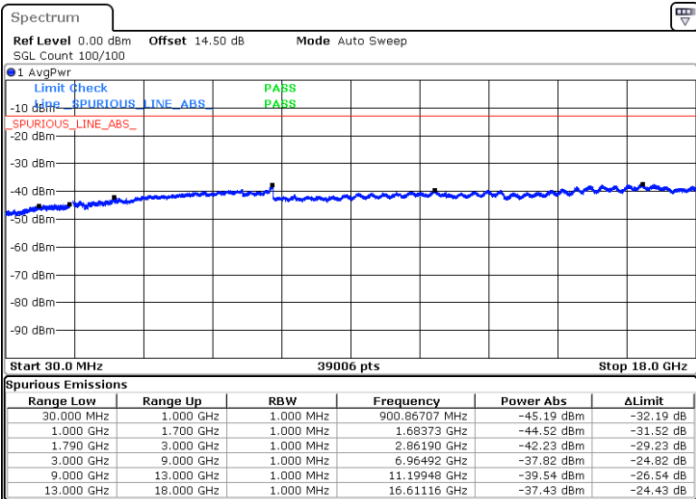


Date: 21.DEC.2020 12:57:30



Date: 21.DEC.2020 12:58:39

Highest Channel / 64QAM

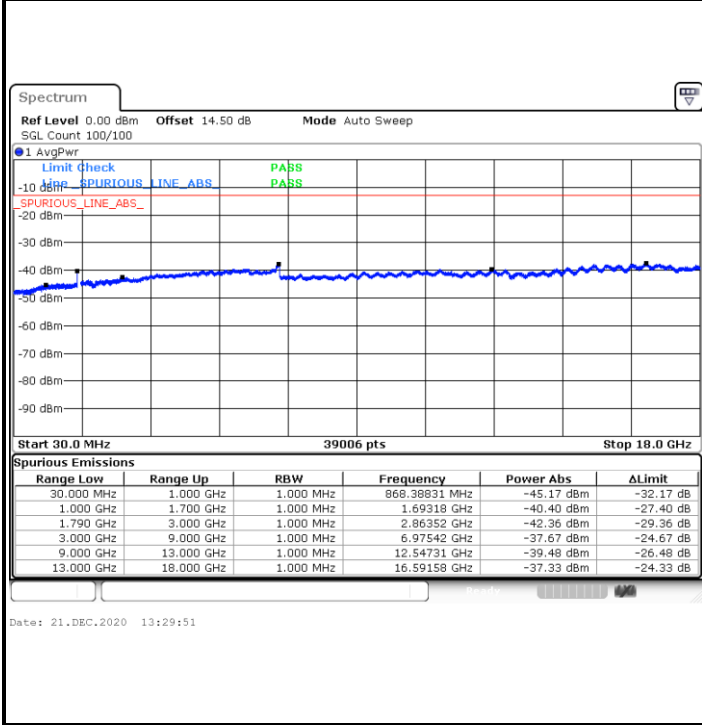


Date: 21.DEC.2020 13:01:19

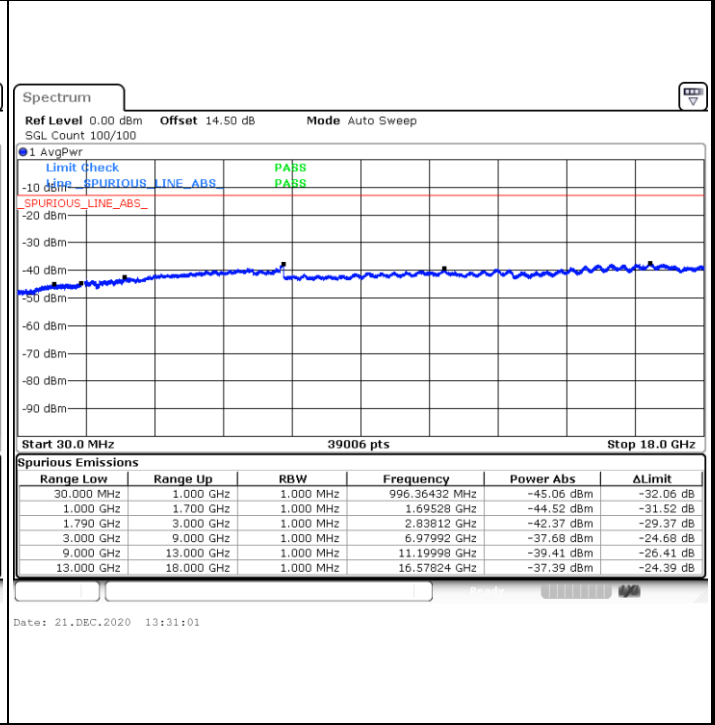


LTE Band 66 / 10MHz

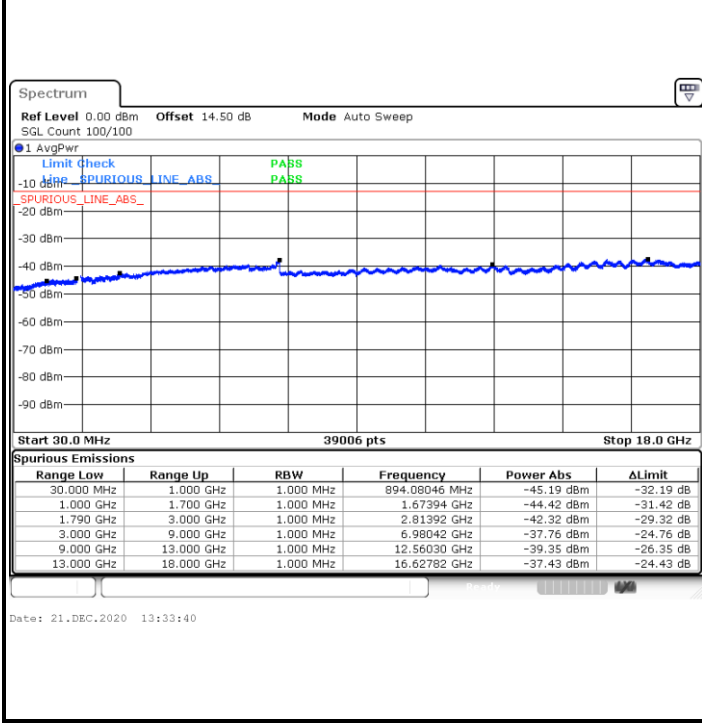
Lowest Channel / 64QAM



Middle Channel / 64QAM



Highest Channel / 64QAM

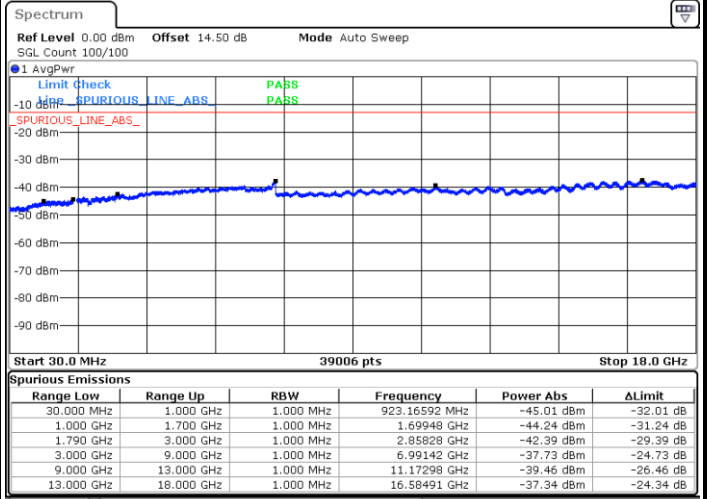
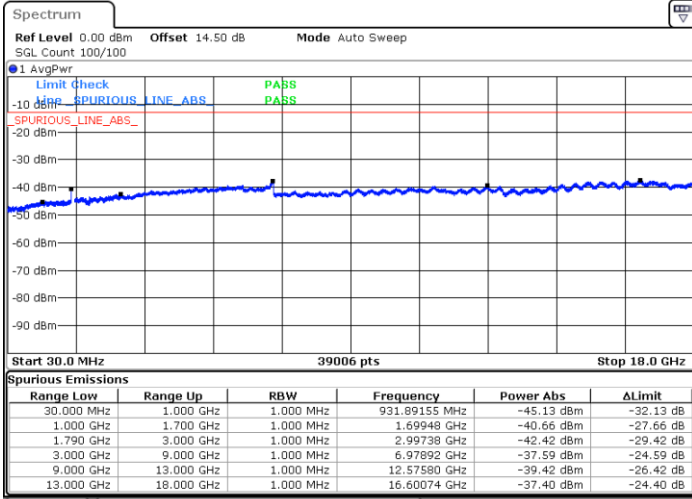




LTE Band 66 / 15MHz

Lowest Channel / 64QAM

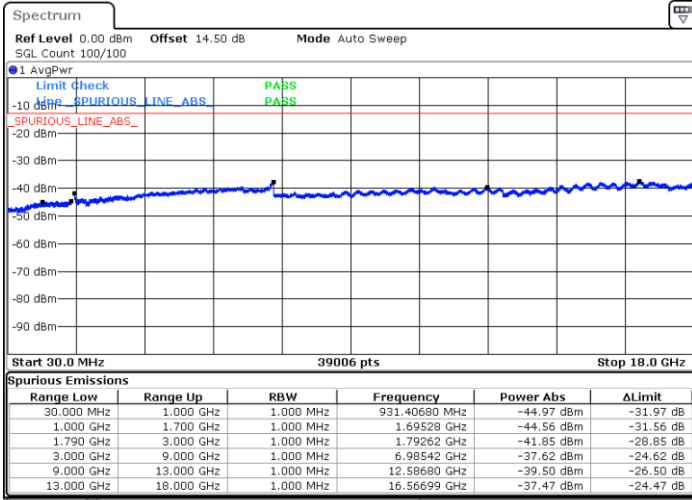
Middle Channel / 64QAM



Date: 21.DEC.2020 13:46:13

Date: 21.DEC.2020 13:47:23

Highest Channel / 64QAM

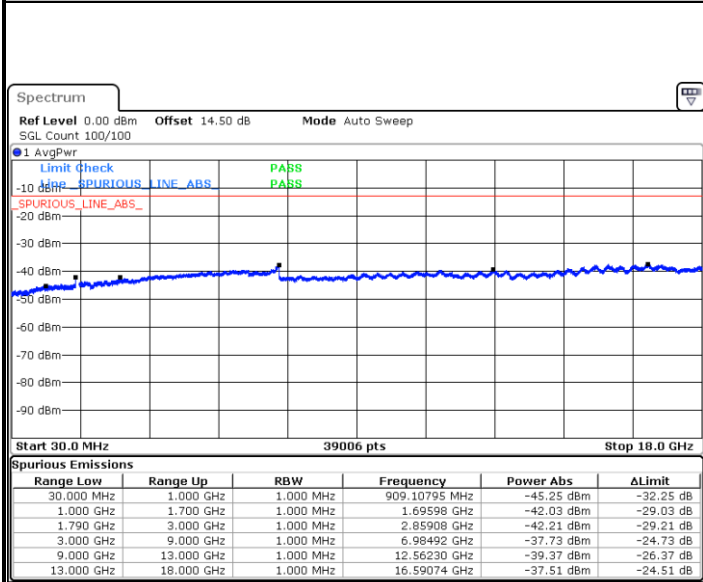


Date: 21.DEC.2020 13:50:03



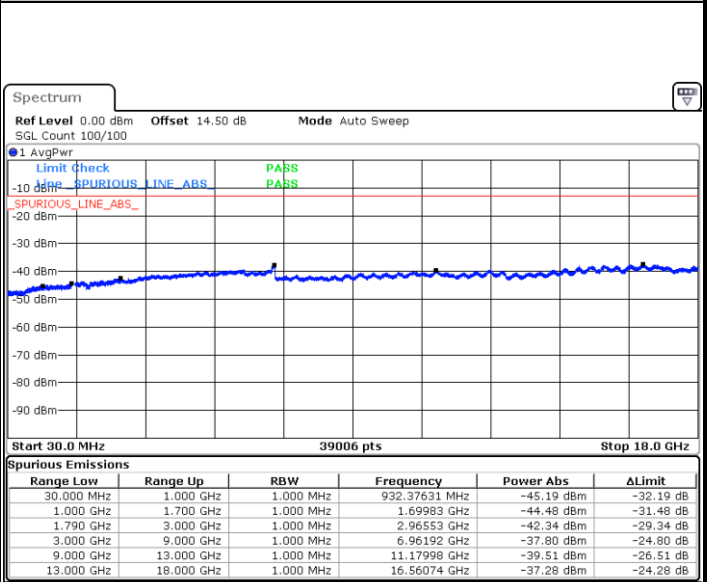
LTE Band 66 / 20MHz

Lowest Channel / 64QAM



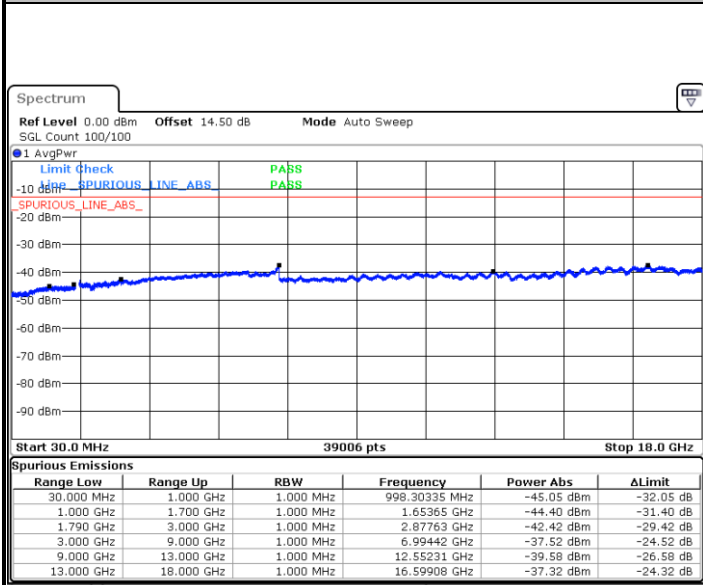
Date: 21.DEC.2020 15:02:10

Middle Channel / 64QAM



Date: 21.DEC.2020 15:03:19

Highest Channel / 64QAM



Date: 21.DEC.2020 15:05:58



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	0.0040	PASS
40	Normal Voltage	0.0049	
30	Normal Voltage	0.0020	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0025	
0	Normal Voltage	0.0037	
-10	Normal Voltage	0.0030	
-20	Normal Voltage	0.0007	
-30	Normal Voltage	0.0016	
20	Maximum Voltage	0.0004	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0008	

Note:

1. Normal Voltage =3.3 V. ; Battery End Point (BEP) =3.14 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	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Lowest CH	8.02	8.14	14.66
Middle CH	8.09	8.12	14.60
Highest CH	8.04	8.10	14.69
BW	10MHz+5MHz	10MHz+10MHz	N/A
Lowest CH	14.60	19.70	-
Middle CH	14.63	19.58	-
Highest CH	14.60	19.62	-

Mode	LTE Band 5B : 26dB BW(MHz)		
16QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Lowest CH	7.99	8.14	14.63
Middle CH	8.06	8.14	14.54
Highest CH	8.02	8.09	14.57
BW	10MHz+5MHz	10MHz+10MHz	N/A
Lowest CH	14.60	19.70	-
Middle CH	14.60	19.54	-
Highest CH	14.63	19.78	-

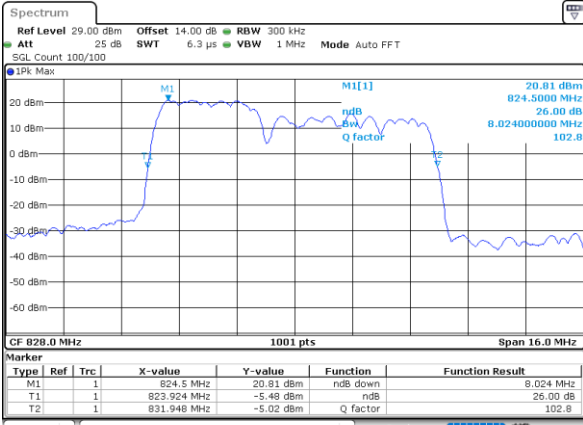
Mode	LTE Band 5B : 26dB BW(MHz)		
64QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Lowest CH	8.07	8.15	14.60
Middle CH	8.07	8.09	14.57
Highest CH	8.04	8.15	14.60
BW	10MHz+5MHz	10MHz+10MHz	N/A
Lowest CH	14.60	19.74	-
Middle CH	14.63	19.62	-
Highest CH	14.63	19.62	-



LTE Band 5B

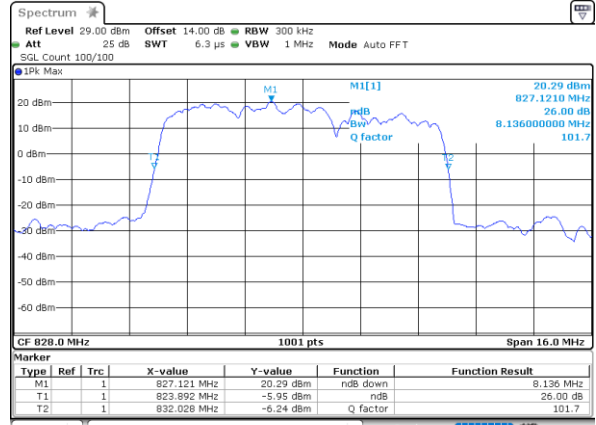
QPSK

Lowest Channel / 3MHz+5MHz



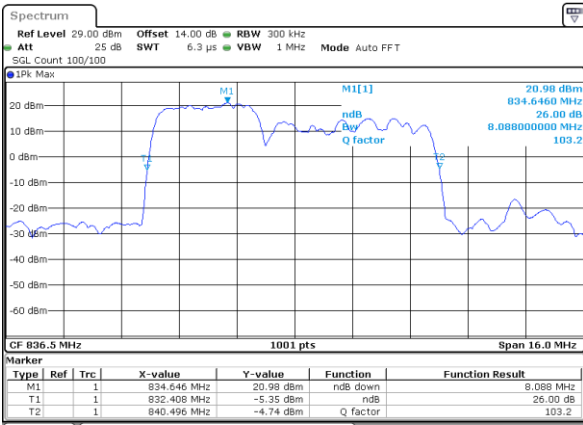
Date: 14_JAN.2021 00:32:11

Lowest Channel / 5MHz+3MHz



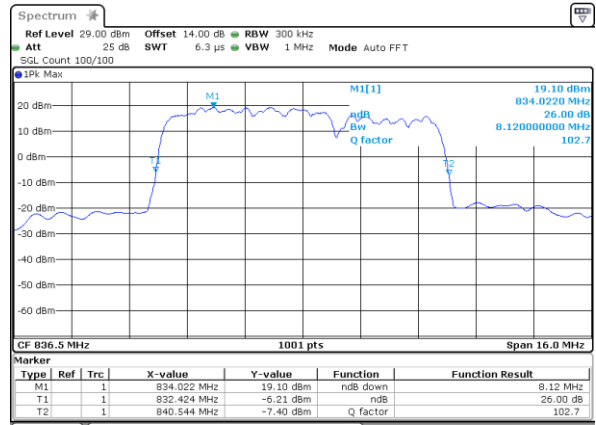
Date: 14_JAN.2021 01:06:48

Middle Channel / 3MHz+5MHz



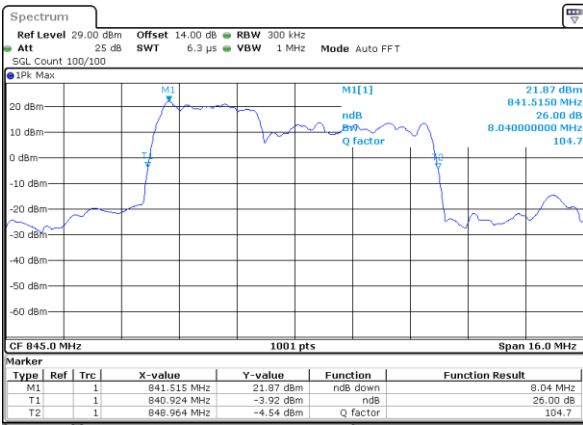
Date: 14_JAN.2021 00:35:09

Middle Channel / 5MHz+3MHz



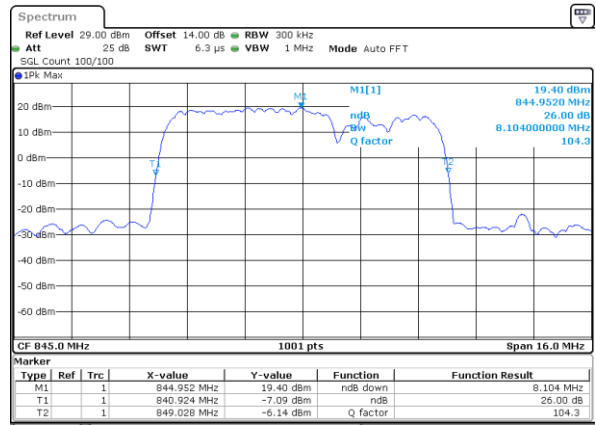
Date: 14_JAN.2021 01:19:21

Highest Channel / 3MHz+5MHz



Date: 14_JAN.2021 00:36:22

Highest Channel / 5MHz+3MHz



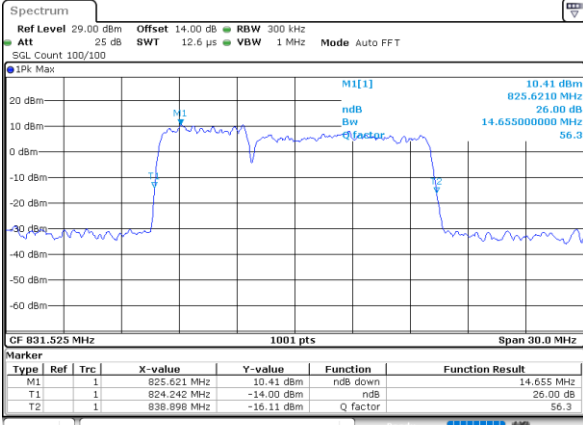
Date: 14_JAN.2021 01:29:50



LTE Band 5B

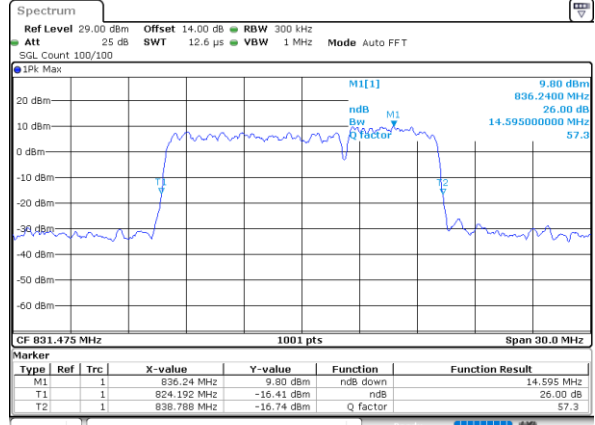
QPSK

Lowest Channel / 5MHz+10MHz



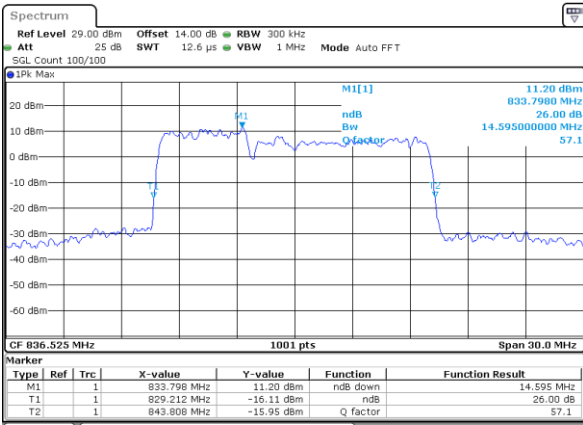
Date: 14_JAN.2021 22:53:11

Lowest Channel / 10MHz+5MHz



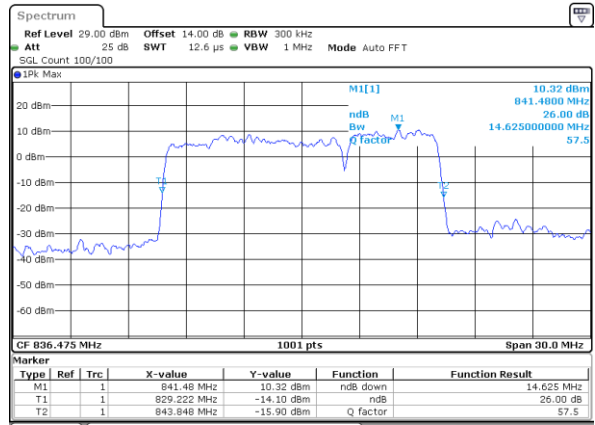
Date: 15_JAN.2021 00:20:41

Middle Channel / 5MHz+10MHz



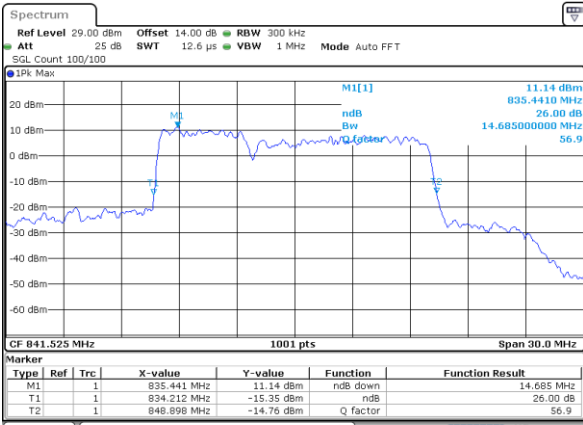
Date: 14_JAN.2021 23:15:07

Middle Channel / 10MHz+5MHz



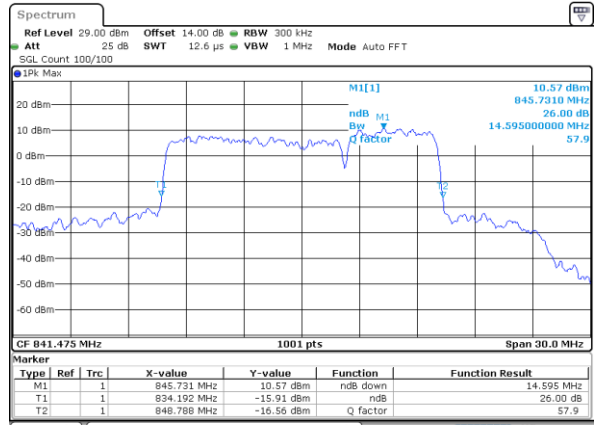
Date: 15_JAN.2021 00:41:24

Highest Channel / 5MHz+10MHz



Date: 14_JAN.2021 23:24:42

Highest Channel / 10MHz+5MHz



Date: 15_JAN.2021 00:56:16

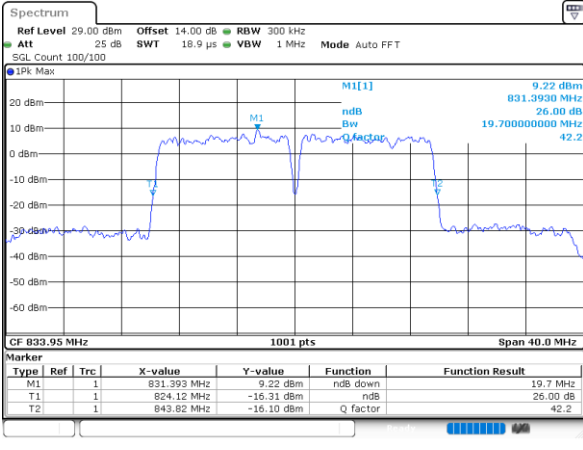


LTE Band 5B

QPSK

Lowest Channel / 10MHz+10MHz

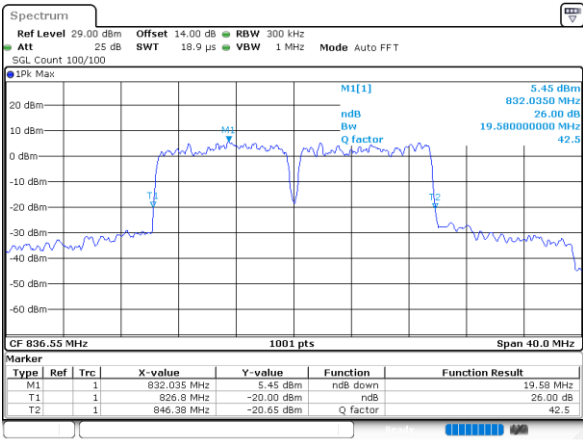
N/A



Date: 15_JAN_2021 01:27:16

Middle Channel / 10MHz+10MHz

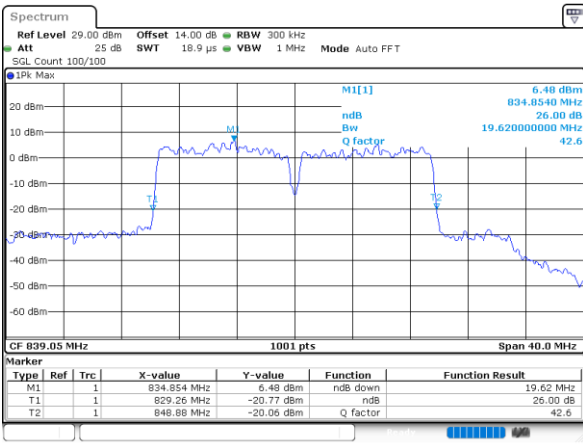
N/A



Date: 15_JAN_2021 19:48:07

Highest Channel / 10MHz+10MHz

N/A



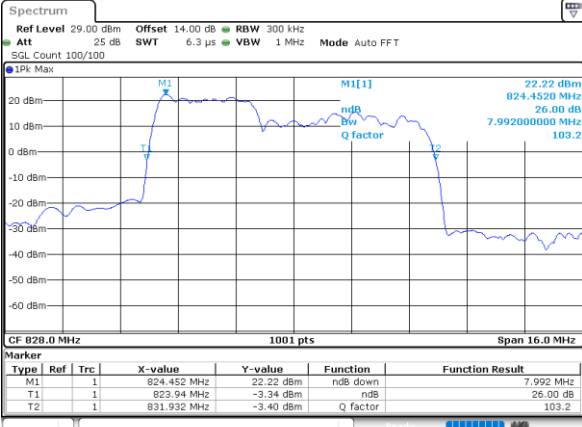
Date: 15_JAN_2021 18:53:52



LTE Band 5B

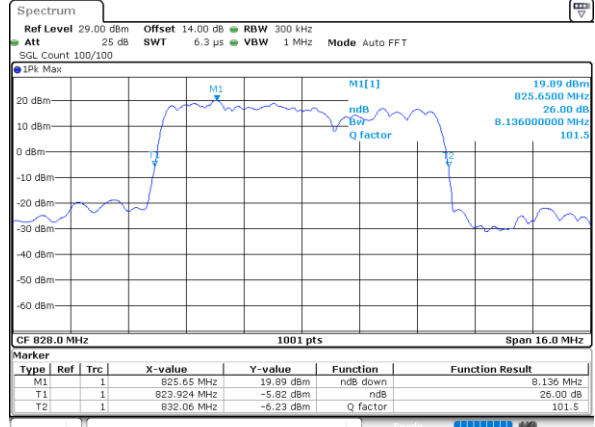
16QAM

Lowest Channel / 3MHz+5MHz



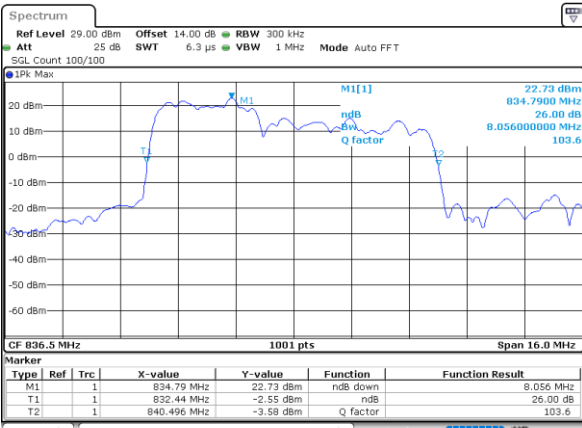
Date: 14.JAN.2021 00:32:39

Lowest Channel / 5MHz+3MHz



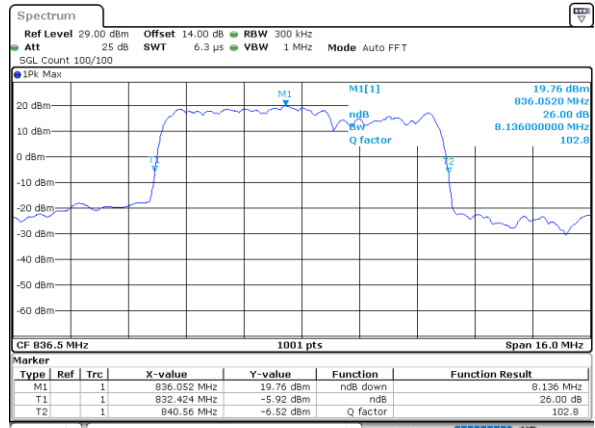
Date: 14.JAN.2021 01:07:10

Middle Channel / 3MHz+5MHz



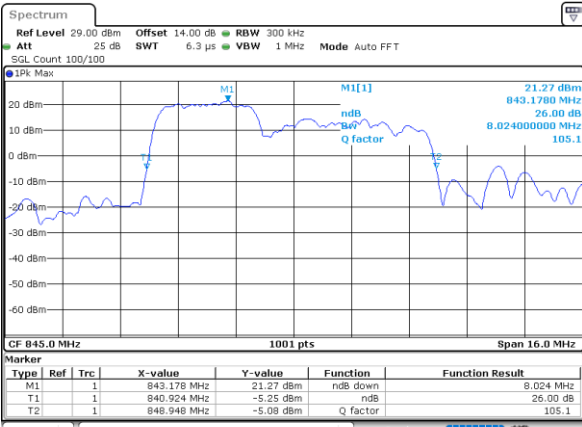
Date: 14.JAN.2021 00:34:28

Middle Channel / 5MHz+3MHz



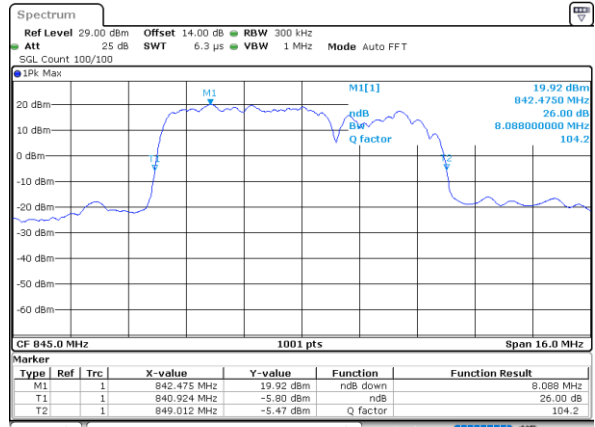
Date: 14.JAN.2021 01:11:49

Highest Channel / 3MHz+5MHz



Date: 14.JAN.2021 00:36:52

Highest Channel / 5MHz+3MHz



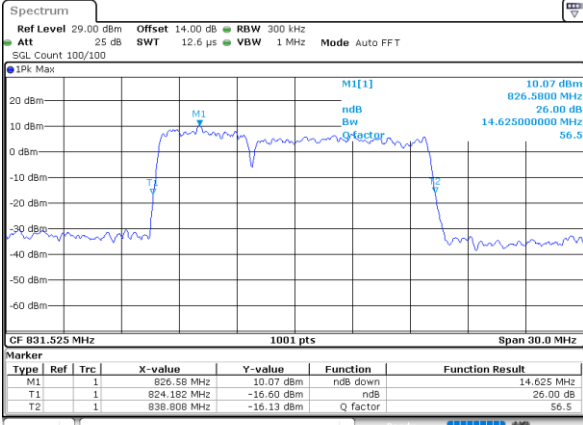
Date: 14.JAN.2021 01:33:14



LTE Band 5B

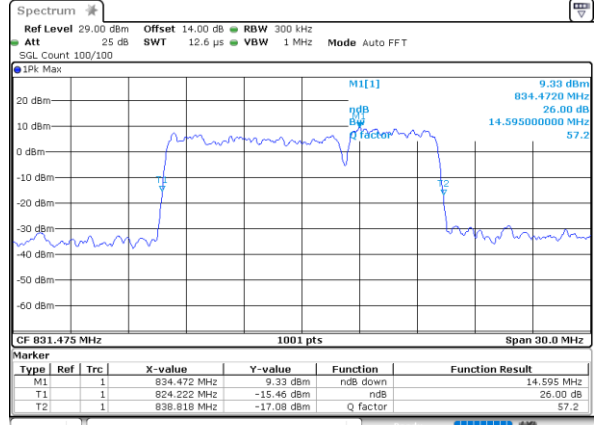
16QAM

Lowest Channel / 5MHz+10MHz



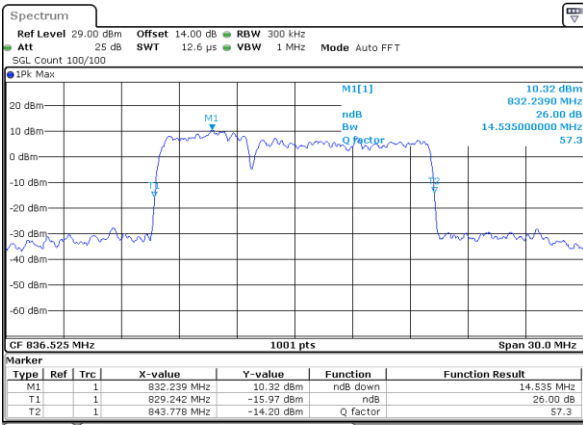
Date: 14_JAN.2021 22:55:11

Lowest Channel / 10MHz+5MHz



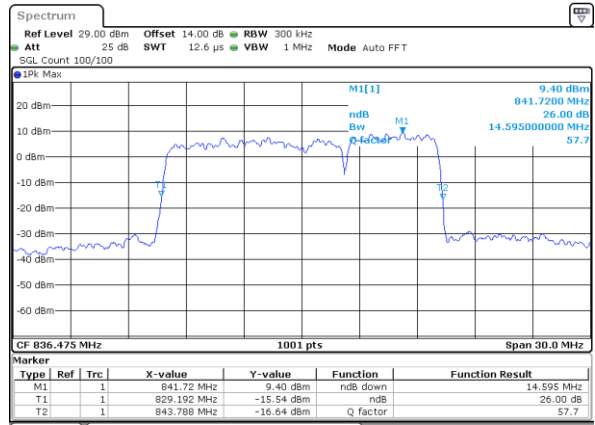
Date: 15_JAN.2021 00:23:09

Middle Channel / 5MHz+10MHz



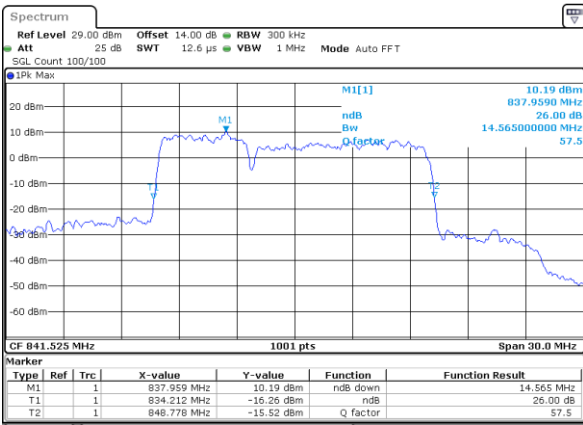
Date: 14_JAN.2021 23:13:27

Middle Channel / 10MHz+5MHz



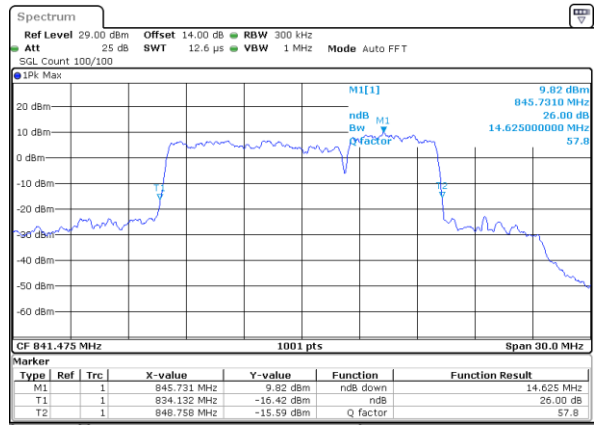
Date: 15_JAN.2021 00:42:33

Highest Channel / 5MHz+10MHz



Date: 14_JAN.2021 23:27:16

Highest Channel / 10MHz+5MHz



Date: 15_JAN.2021 00:58:31

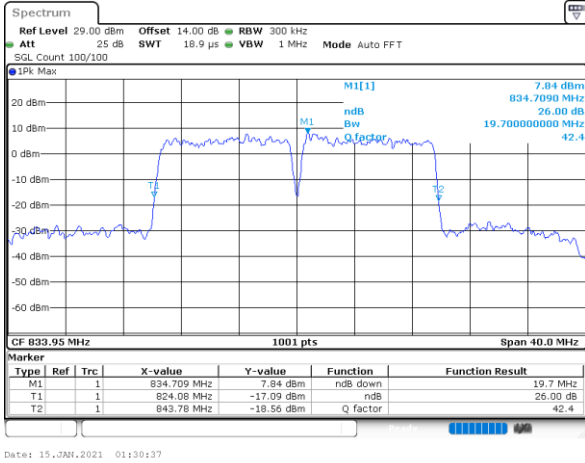


LTE Band 5B

16QAM

Lowest Channel / 10MHz+10MHz

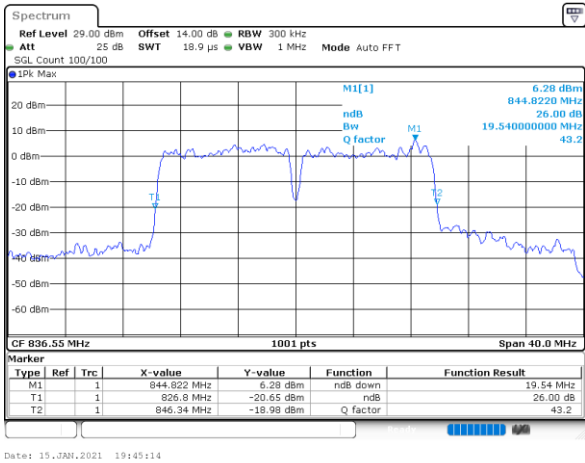
N/A



Date: 15_JAN_2021 01:30:37

Middle Channel / 10MHz+10MHz

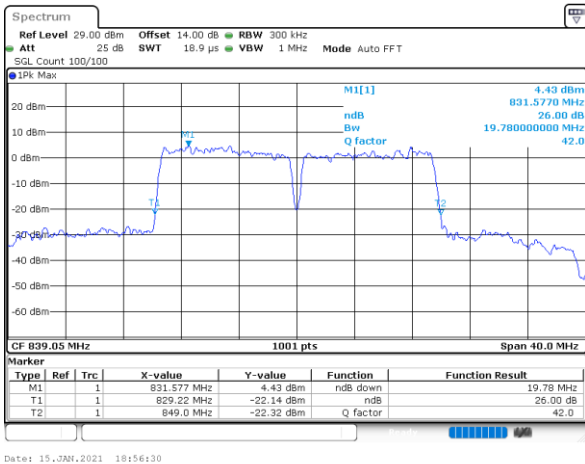
N/A



Date: 15_JAN_2021 19:45:14

Highest Channel / 10MHz+10MHz

N/A



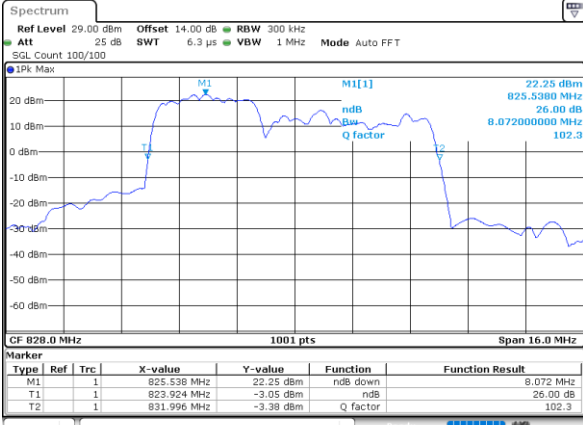
Date: 15_JAN_2021 18:56:30



LTE Band 5B

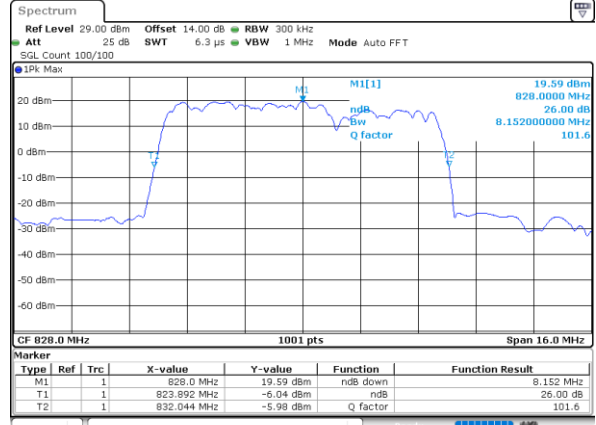
64QAM

Lowest Channel / 3MHz+5MHz



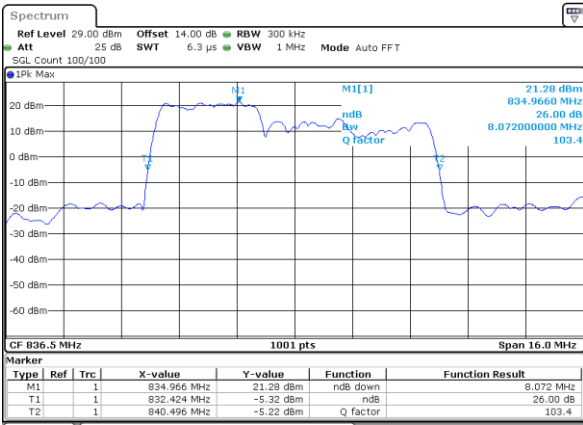
Date: 14_JAN.2021 00:33:04

Lowest Channel / 5MHz+3MHz



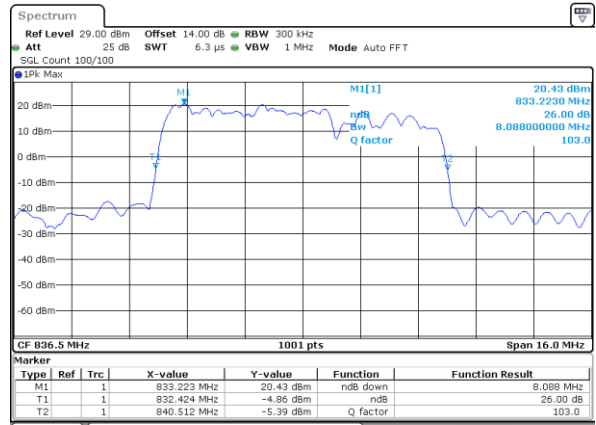
Date: 14_JAN.2021 01:07:30

Middle Channel / 3MHz+5MHz



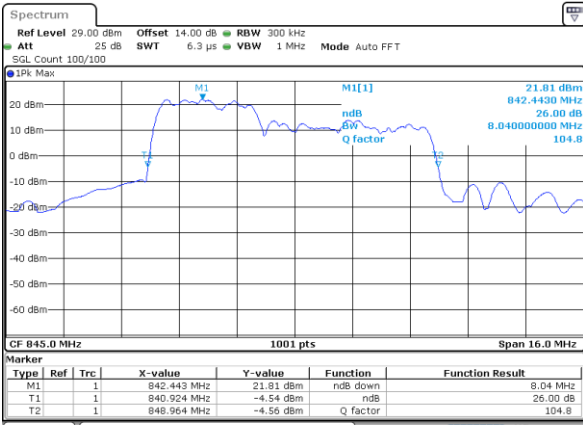
Date: 14_JAN.2021 00:33:59

Middle Channel / 5MHz+3MHz



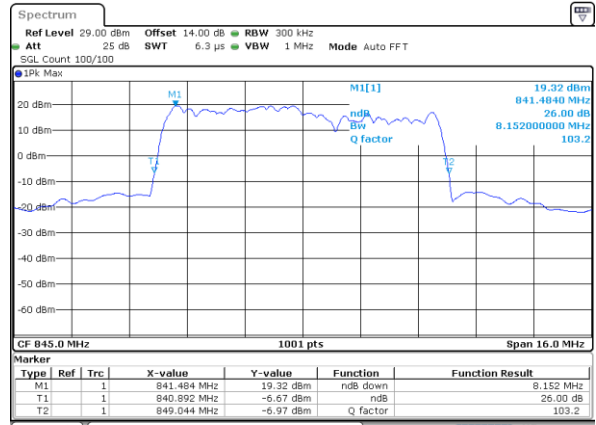
Date: 14_JAN.2021 01:08:32

Highest Channel / 3MHz+5MHz



Date: 14_JAN.2021 00:37:22

Highest Channel / 5MHz+3MHz



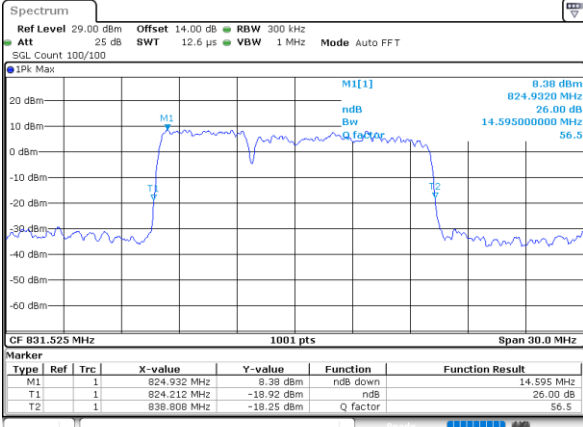
Date: 14_JAN.2021 01:35:41



LTE Band 5B

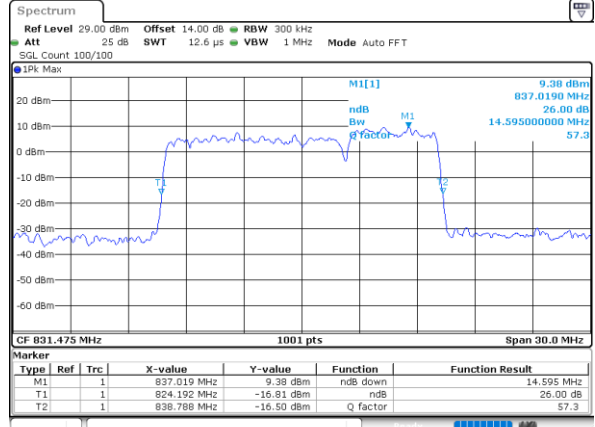
64QAM

Lowest Channel / 5MHz+10MHz



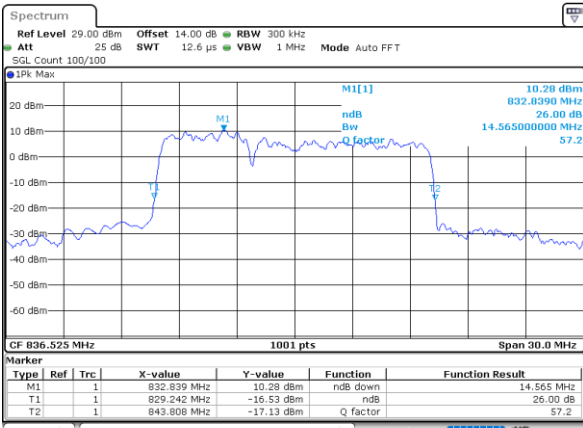
Date: 14_JAN.2021 22:56:59

Lowest Channel / 10MHz+5MHz



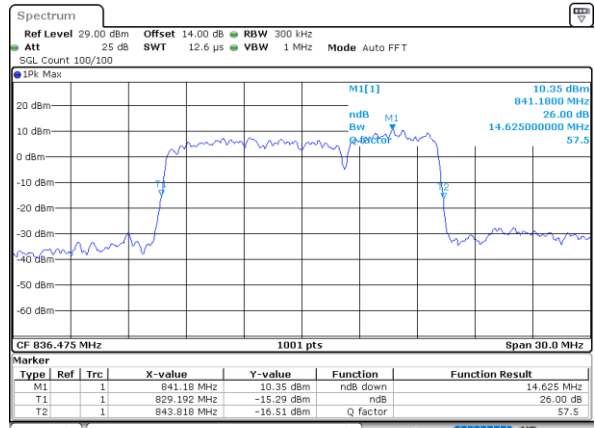
Date: 15_JAN.2021 00:25:12

Middle Channel / 5MHz+10MHz



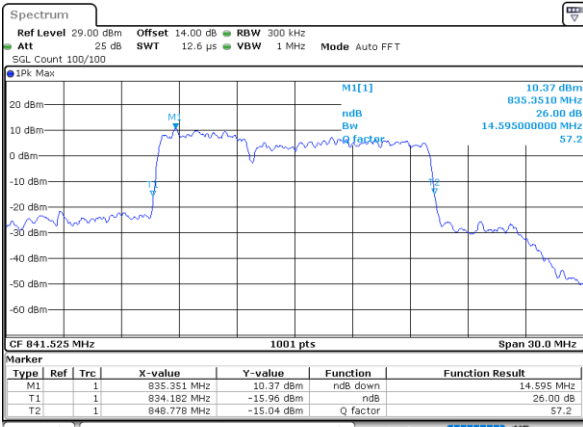
Date: 14_JAN.2021 23:11:39

Middle Channel / 10MHz+5MHz



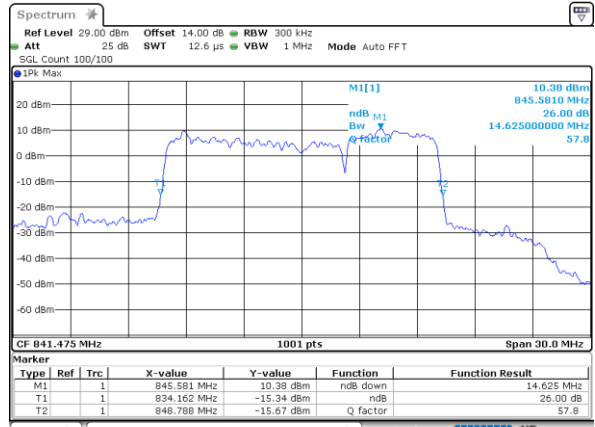
Date: 15_JAN.2021 00:44:12

Highest Channel / 5MHz+10MHz



Date: 14_JAN.2021 23:33:09

Highest Channel / 10MHz+5MHz



Date: 15_JAN.2021 01:00:33

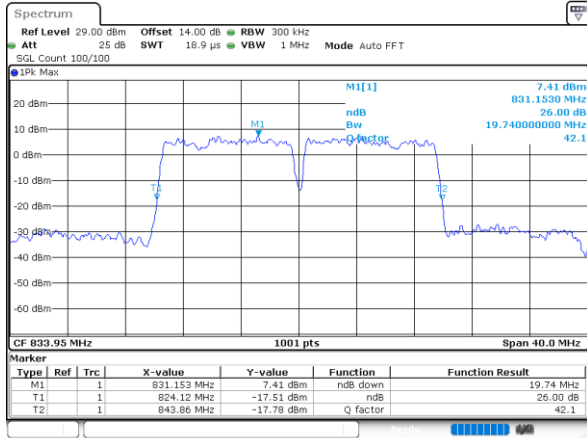


LTE Band 5B

64QAM

Lowest Channel / 10MHz+10MHz

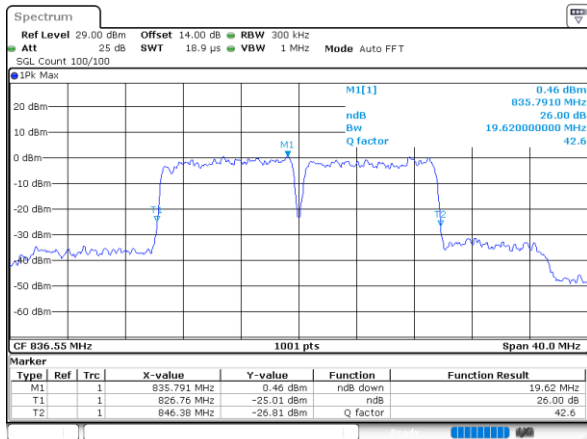
N/A



Date: 15_JAN_2021 01:32:27

Middle Channel / 10MHz+10MHz

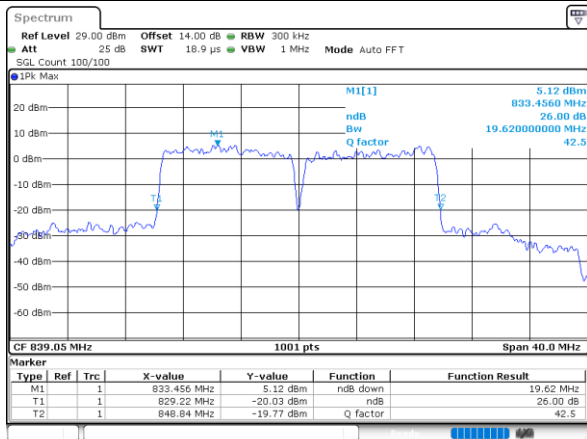
N/A



Date: 15_JAN_2021 14:41:45

Highest Channel / 10MHz+10MHz

N/A



Date: 15_JAN_2021 18:59:24



Occupied Bandwidth

Mode	LTE Band 5B : 99%OBW(MHz)		
QPSK			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Lowest CH	7.50	7.54	13.88
Middle CH	7.43	7.48	13.88
Highest CH	7.50	7.46	13.82
BW	10MHz+5MHz	10MHz+10MHz	N/A
Lowest CH	13.88	18.82	-
Middle CH	13.88	18.74	-
Highest CH	13.88	18.74	-

Mode	LTE Band 5B : 99%OBW(MHz)		
16QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Lowest CH	7.48	7.58	13.88
Middle CH	7.43	7.54	13.88
Highest CH	7.54	7.56	13.94
BW	10MHz+5MHz	10MHz+10MHz	N/A
Lowest CH	13.85	18.82	-
Middle CH	13.85	18.74	-
Highest CH	13.88	18.70	-

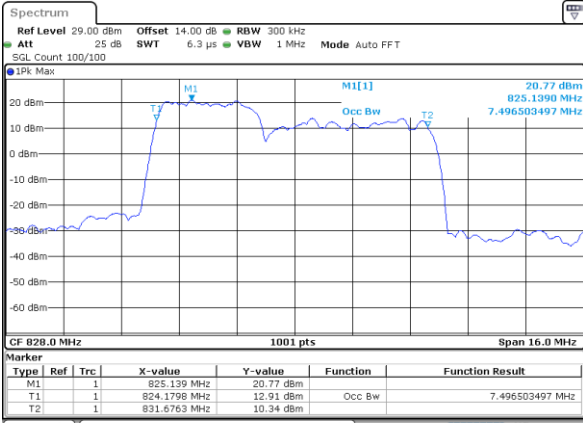
Mode	LTE Band 5B : 99%OBW(MHz)		
64QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Lowest CH	7.50	7.46	13.82
Middle CH	7.53	7.54	13.91
Highest CH	7.46	7.48	13.91
BW	10MHz+5MHz	10MHz+10MHz	N/A
Lowest CH	13.88	18.78	-
Middle CH	13.82	18.82	-
Highest CH	13.91	18.78	-



LTE Band 5B

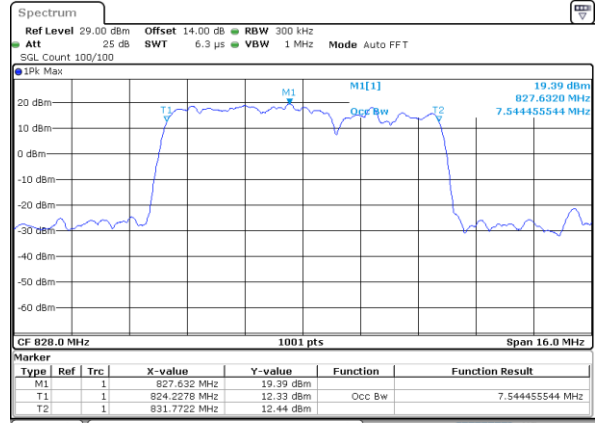
QPSK

Lowest Channel / 3MHz+5MHz



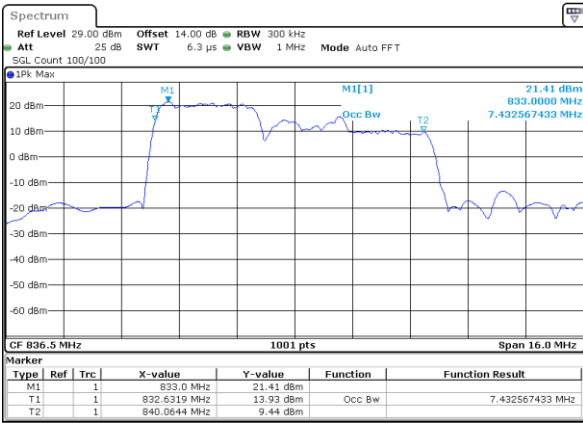
Date: 14_JAN.2021 00:32:05

Lowest Channel / 5MHz+3MHz



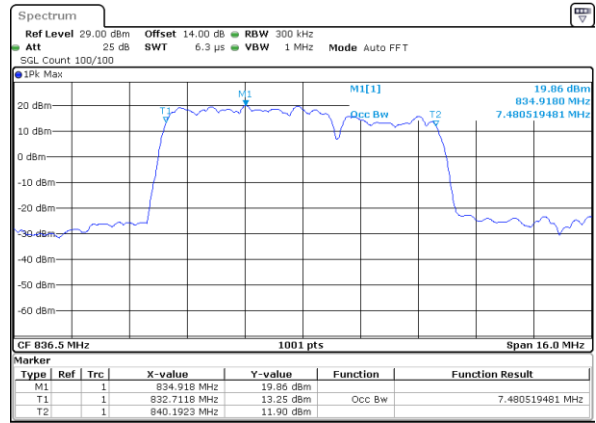
Date: 14_JAN.2021 01:06:42

Middle Channel / 3MHz+5MHz



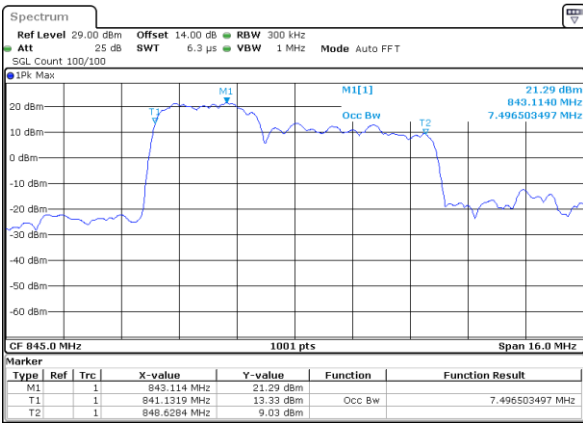
Date: 14_JAN.2021 00:34:48

Middle Channel / 5MHz+3MHz



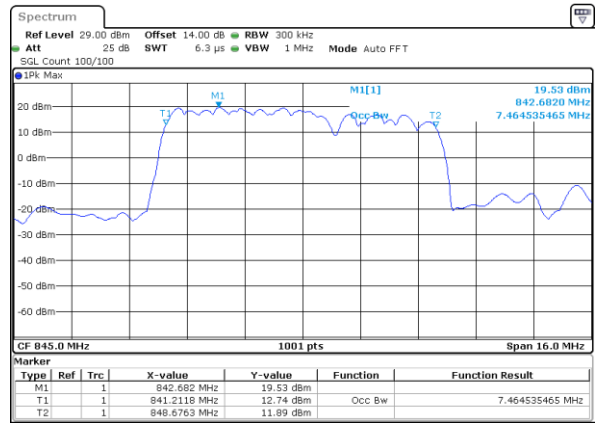
Date: 14_JAN.2021 01:19:14

Highest Channel / 3MHz+5MHz



Date: 14_JAN.2021 00:36:05

Highest Channel / 5MHz+3MHz



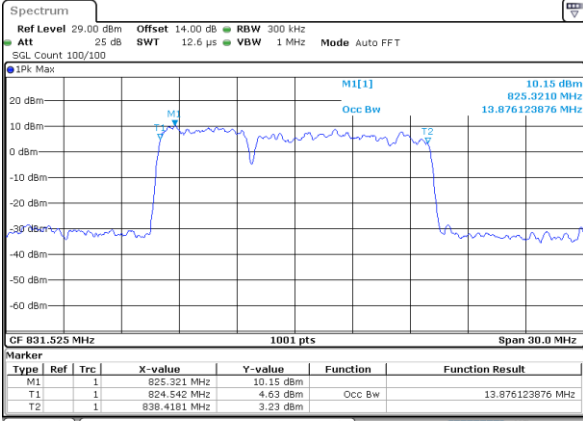
Date: 14_JAN.2021 01:29:45



LTE Band 5B

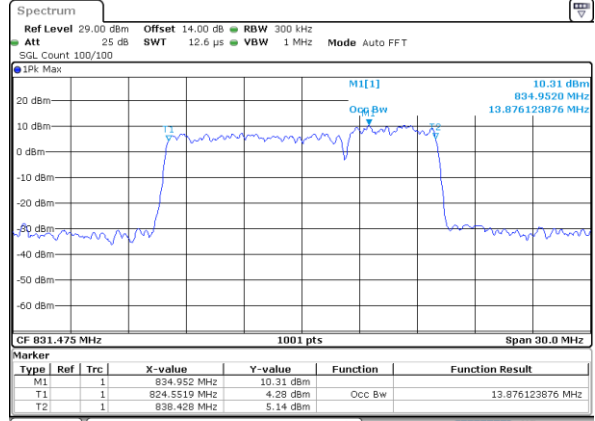
QPSK

Lowest Channel / 5MHz+10MHz



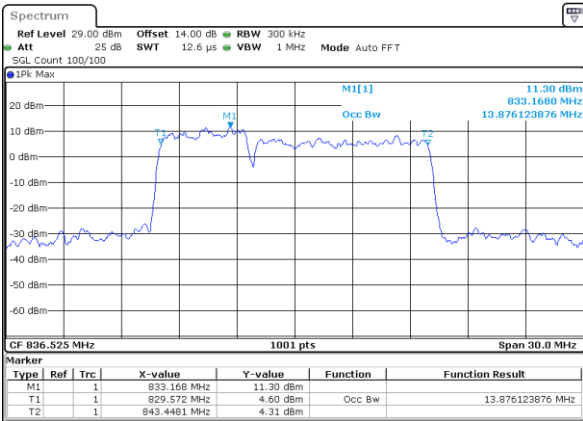
Date: 14, JAN, 2021 22:53:06

Lowest Channel / 10MHz+5MHz



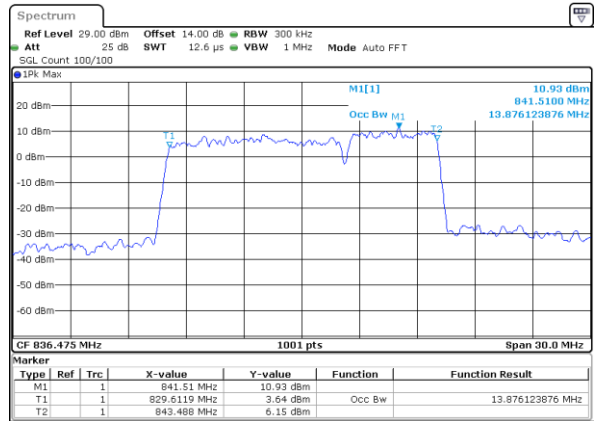
Date: 15, JAN, 2021 00:20:34

Middle Channel / 5MHz+10MHz



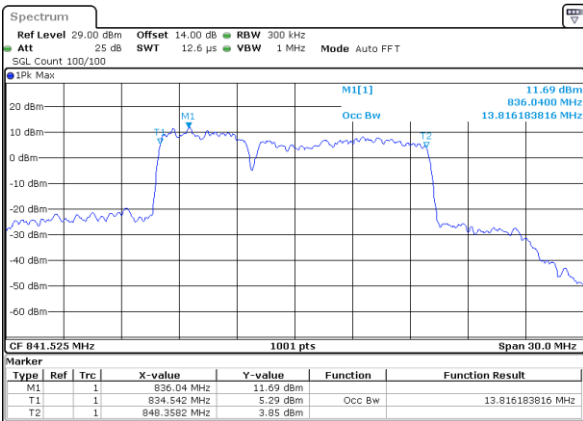
Date: 14, JAN, 2021 23:14:40

Middle Channel / 10MHz+5MHz



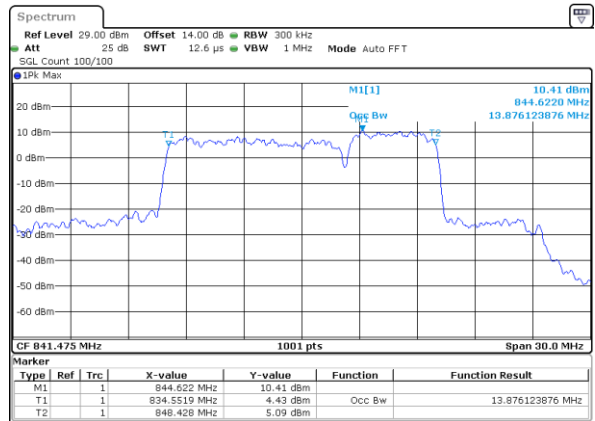
Date: 15, JAN, 2021 00:41:17

Highest Channel / 5MHz+10MHz



Date: 14, JAN, 2021 23:24:35

Highest Channel / 10MHz+5MHz



Date: 15, JAN, 2021 00:56:08

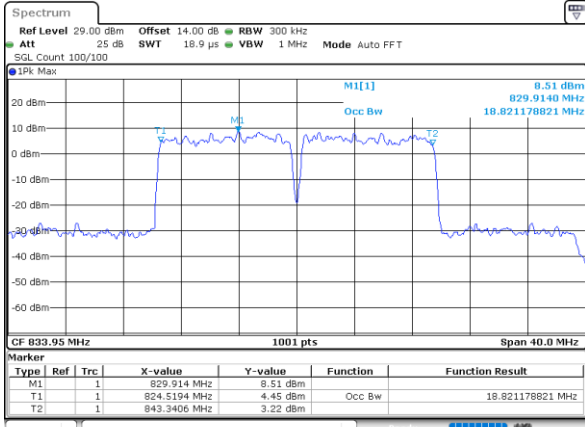


LTE Band 5B

QPSK

Lowest Channel / 10MHz+10MHz

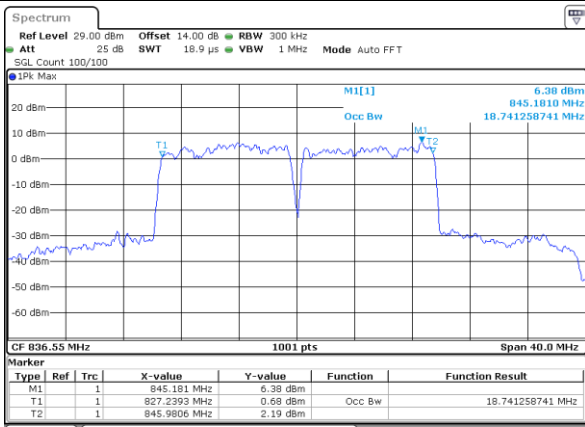
N/A



Date: 15_JAN_2021 01:26:09

Middle Channel / 10MHz+10MHz

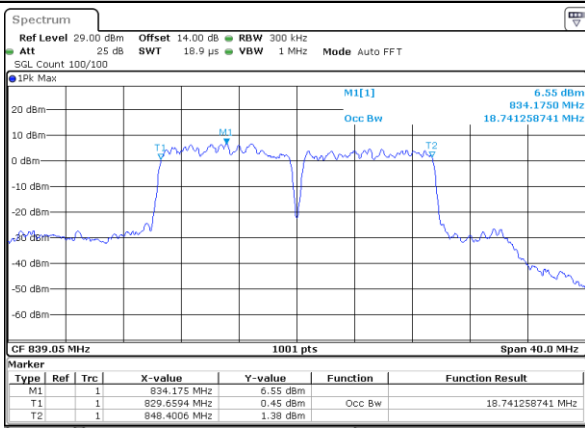
N/A



Date: 15_JAN_2021 14:39:01

Highest Channel / 10MHz+10MHz

N/A



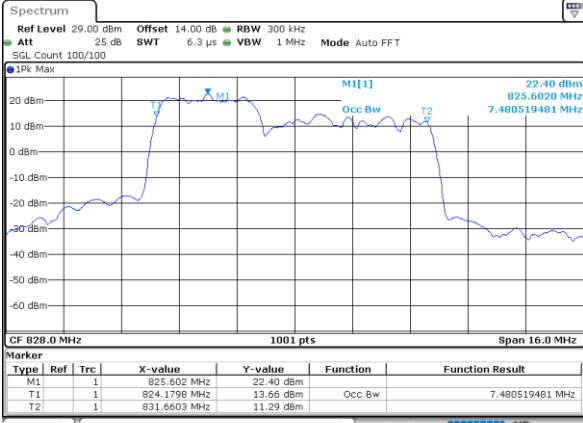
Date: 15_JAN_2021 18:49:37



LTE Band 5B

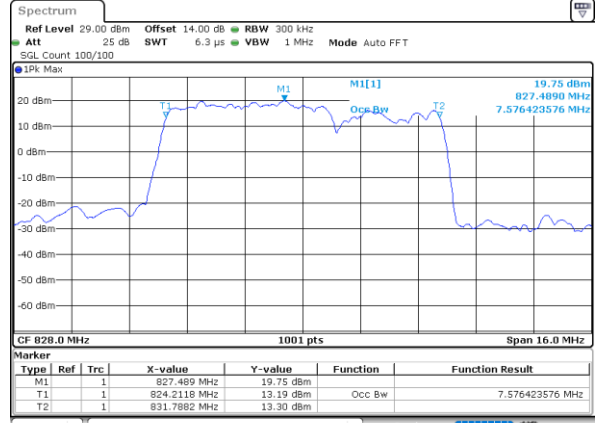
16QAM

Lowest Channel / 3MHz+5MHz



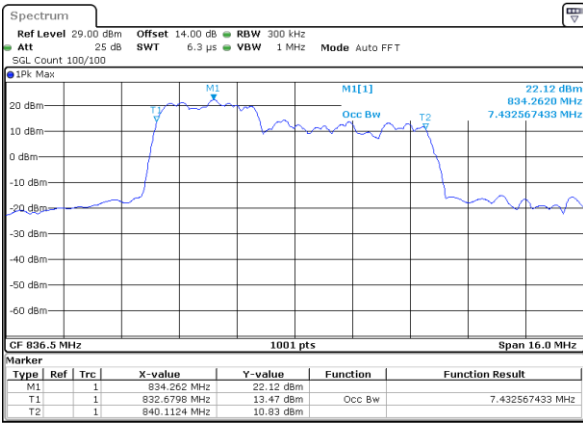
Date: 14_JAN.2021 00:32:13

Lowest Channel / 5MHz+3MHz



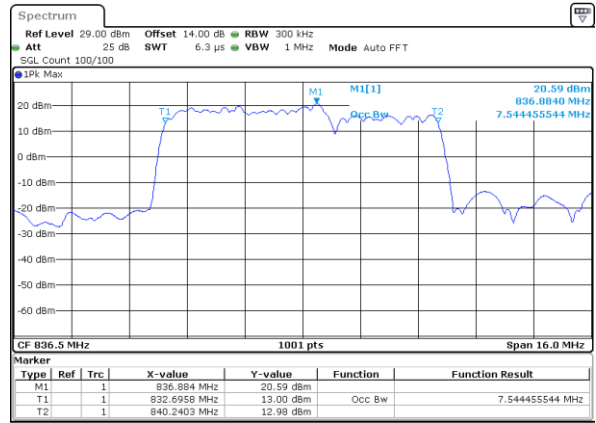
Date: 14_JAN.2021 01:07:03

Middle Channel / 3MHz+5MHz



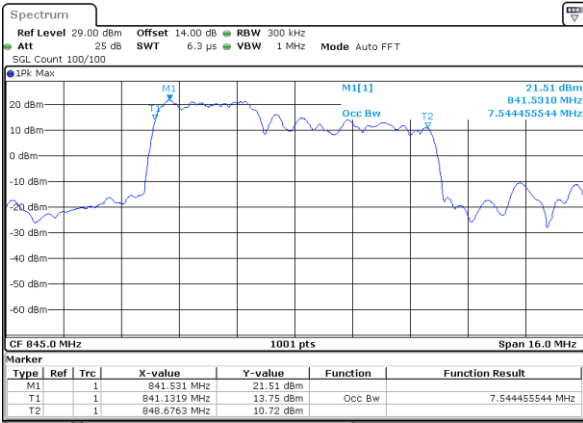
Date: 14_JAN.2021 00:34:15

Middle Channel / 5MHz+3MHz



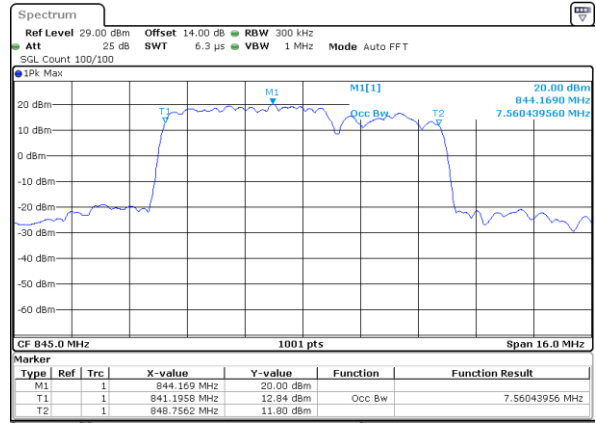
Date: 14_JAN.2021 01:11:38

Highest Channel / 3MHz+5MHz



Date: 14_JAN.2021 00:36:44

Highest Channel / 5MHz+3MHz



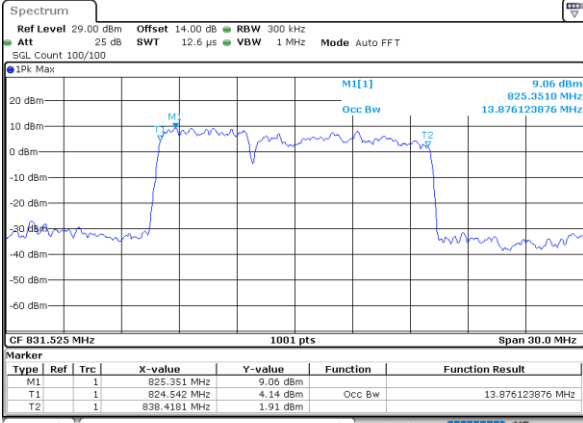
Date: 14_JAN.2021 01:33:06



LTE Band 5B

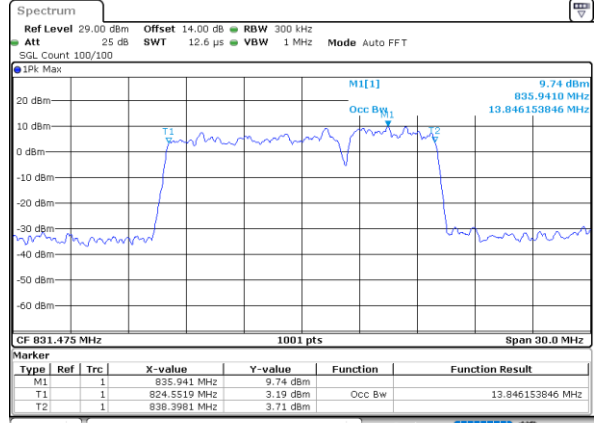
16QAM

Lowest Channel / 5MHz+10MHz



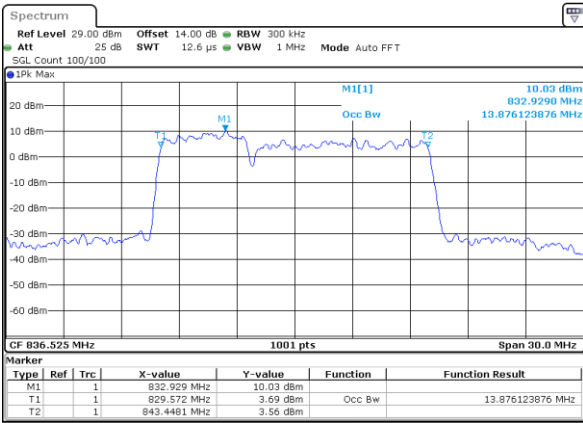
Date: 14, JAN, 2021 22:55:04

Lowest Channel / 10MHz+5MHz



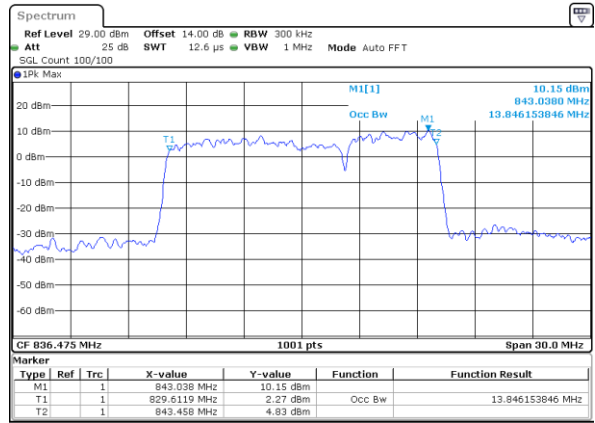
Date: 15, JAN, 2021 00:23:02

Middle Channel / 5MHz+10MHz



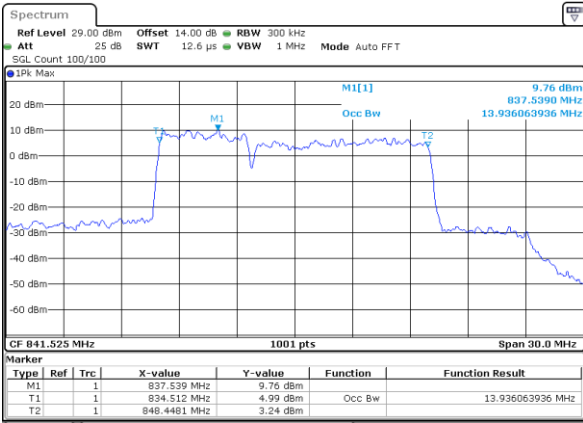
Date: 14, JAN, 2021 23:13:21

Middle Channel / 10MHz+5MHz



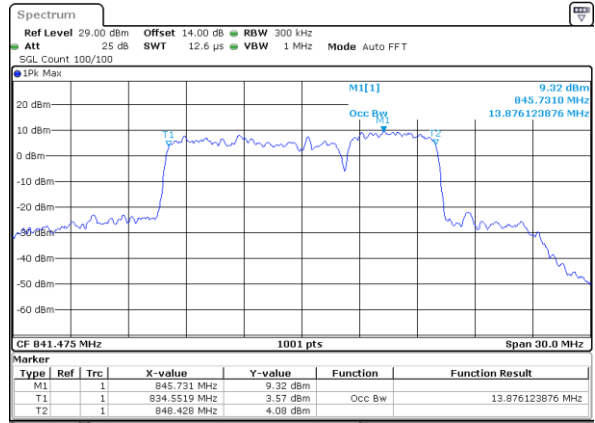
Date: 15, JAN, 2021 00:42:27

Highest Channel / 5MHz+10MHz



Date: 14, JAN, 2021 23:27:10

Highest Channel / 10MHz+5MHz



Date: 15, JAN, 2021 00:58:22

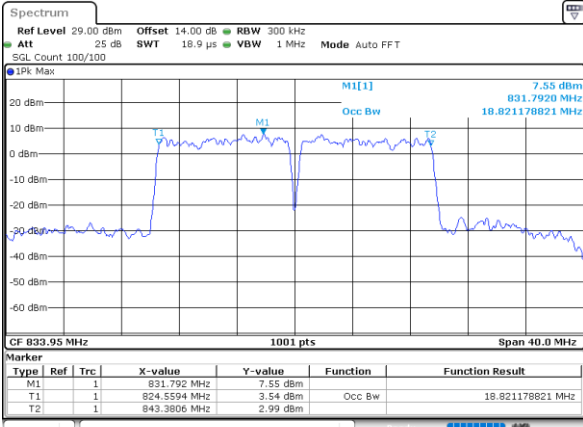


LTE Band 5B

16QAM

Lowest Channel / 10MHz+10MHz

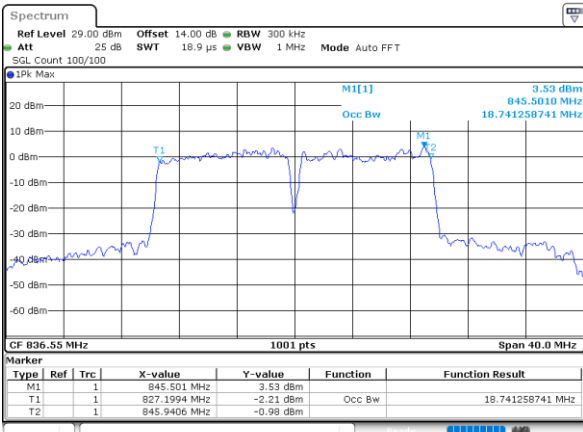
N/A



Date: 15_JAN_2021 01:30:12

Middle Channel / 10MHz+10MHz

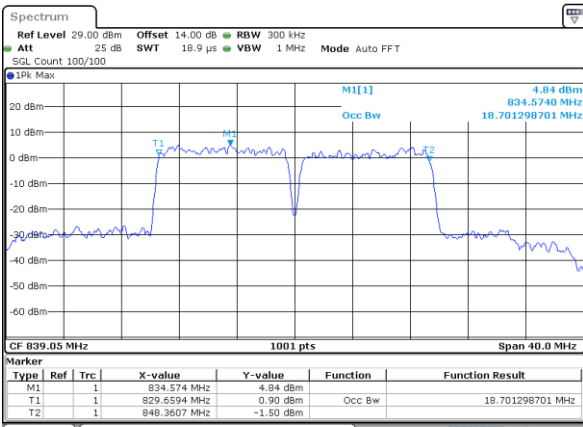
N/A



Date: 15_JAN_2021 14:40:31

Highest Channel / 10MHz+10MHz

N/A



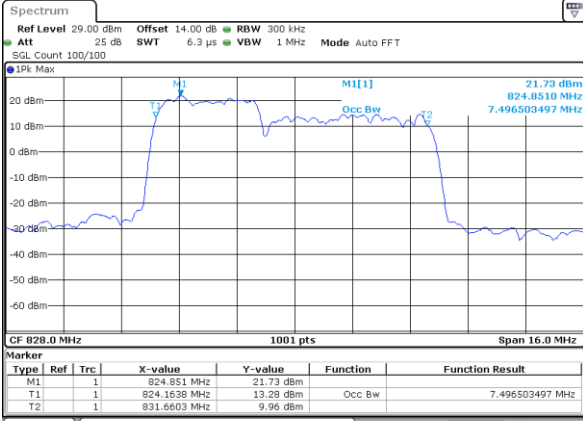
Date: 15_JAN_2021 18:55:48



LTE Band 5B

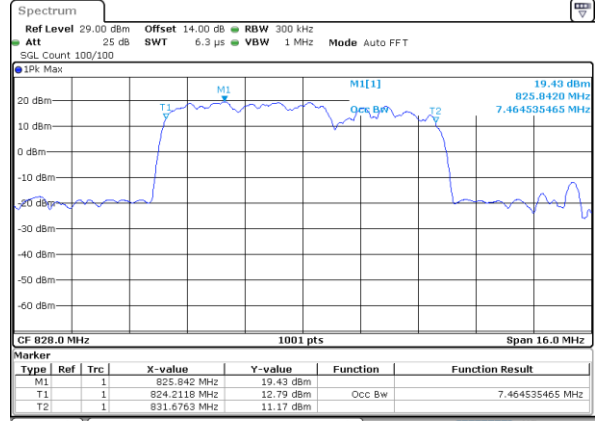
64QAM

Lowest Channel / 3MHz+5MHz



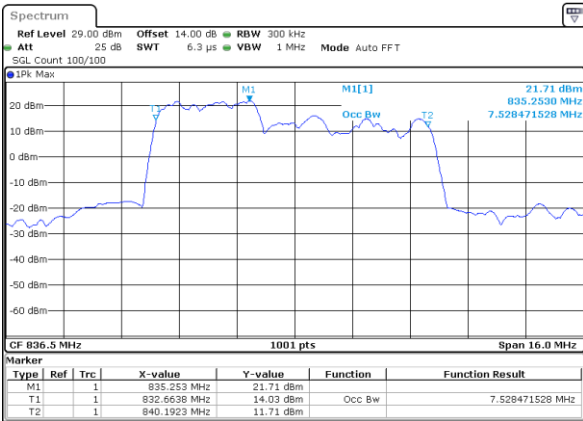
Date: 14.JAN.2021 00:32:56

Lowest Channel / 5MHz+3MHz



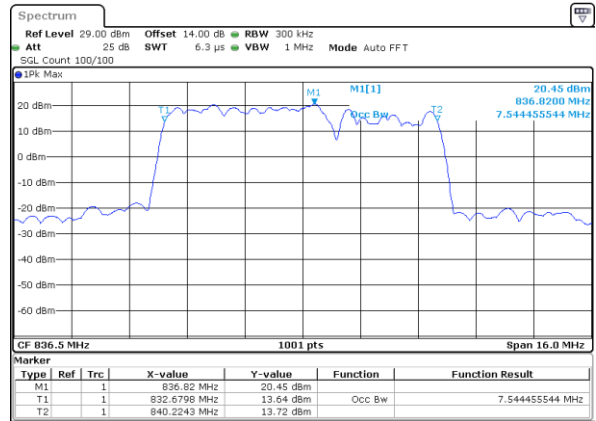
Date: 14.JAN.2021 01:07:24

Middle Channel / 3MHz+5MHz



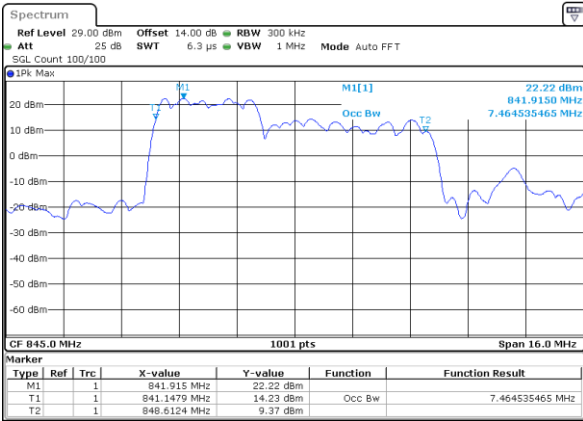
Date: 14.JAN.2021 00:33:52

Middle Channel / 5MHz+3MHz



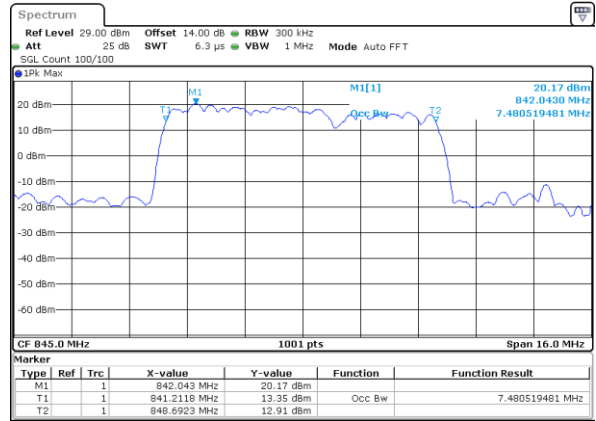
Date: 14.JAN.2021 01:08:27

Highest Channel / 3MHz+5MHz



Date: 14.JAN.2021 00:37:09

Highest Channel / 5MHz+3MHz



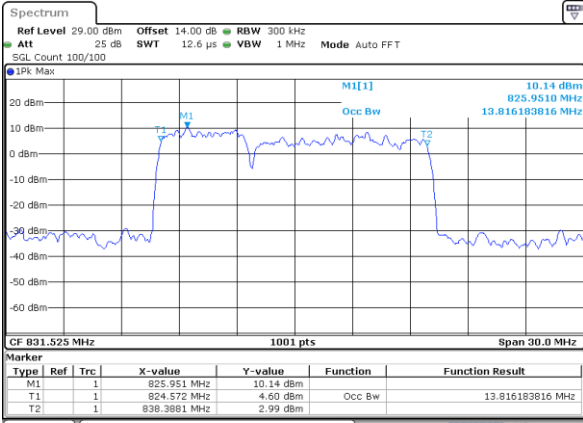
Date: 14.JAN.2021 01:35:34



LTE Band 5B

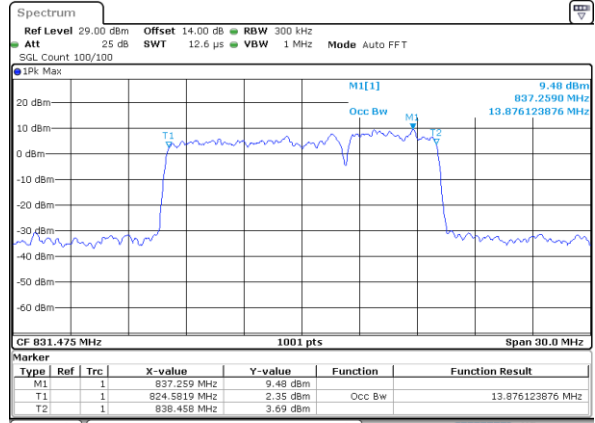
64QAM

Lowest Channel / 5MHz+10MHz



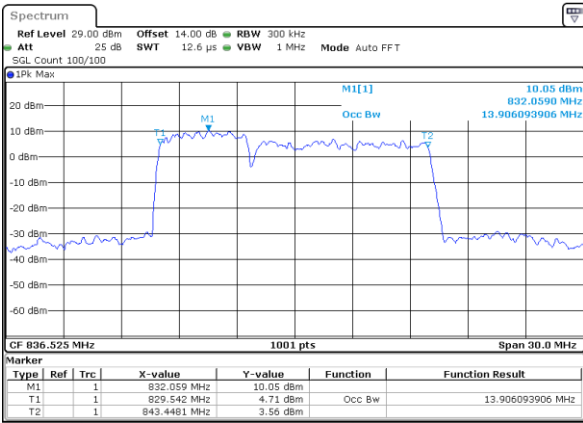
Date: 14_JAN.2021 22:56:53

Lowest Channel / 10MHz+5MHz



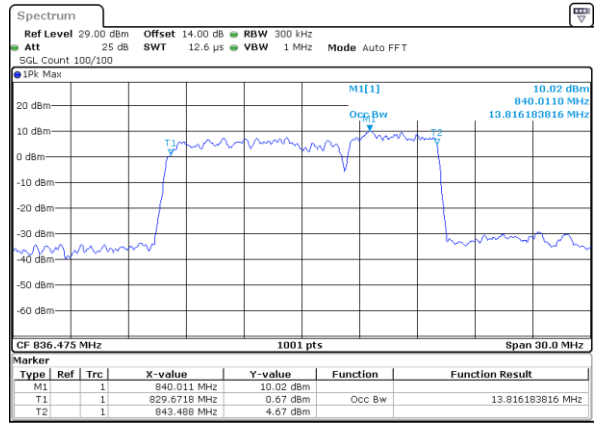
Date: 15_JAN.2021 00:25:03

Middle Channel / 5MHz+10MHz



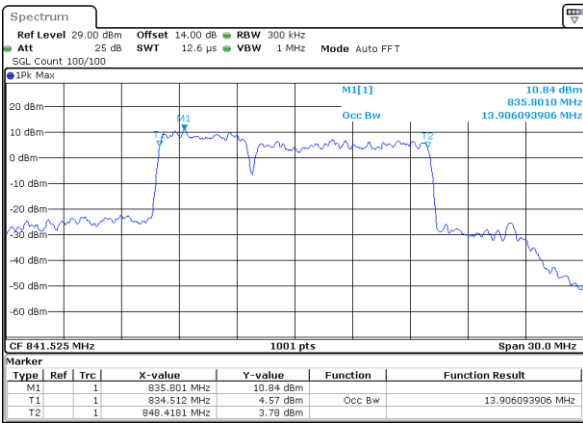
Date: 14_JAN.2021 23:11:33

Middle Channel / 10MHz+5MHz



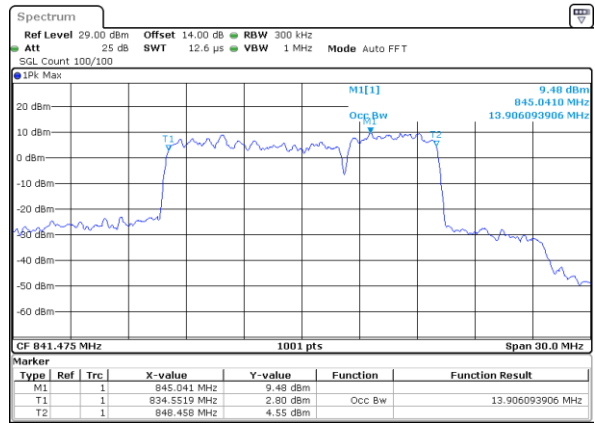
Date: 15_JAN.2021 00:43:57

Highest Channel / 5MHz+10MHz



Date: 14_JAN.2021 23:33:02

Highest Channel / 10MHz+5MHz



Date: 15_JAN.2021 01:00:18

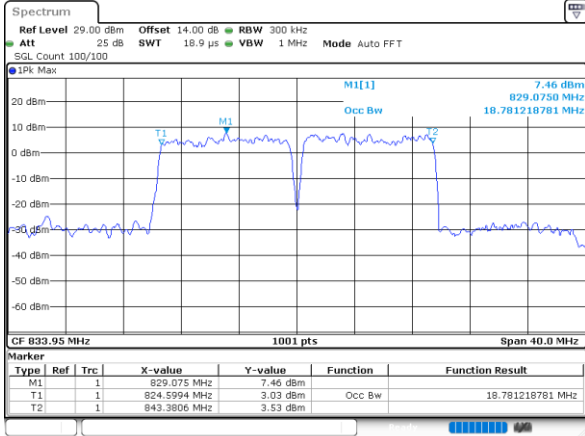


LTE Band 5B

64QAM

Lowest Channel / 10MHz+10MHz

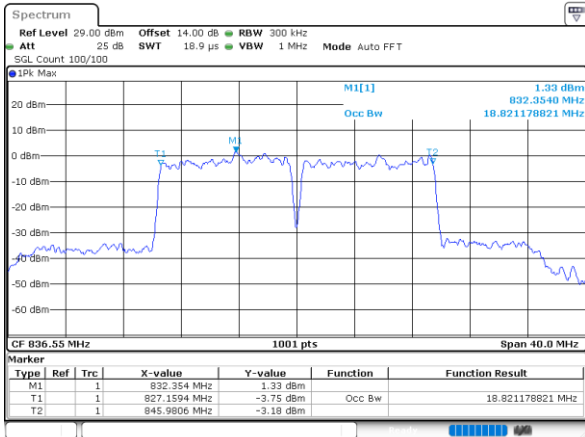
N/A



Date: 15_JAN_2021 01:32:13

Middle Channel / 10MHz+10MHz

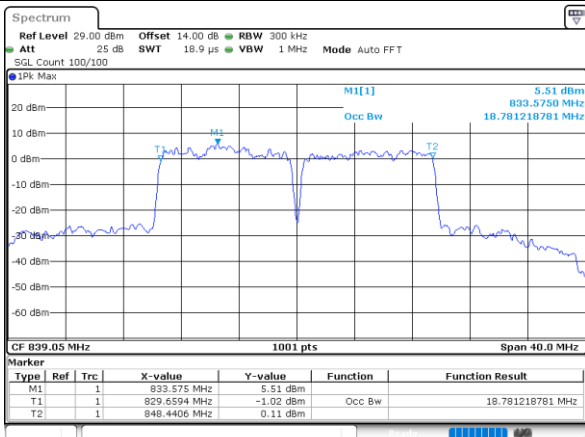
N/A



Date: 15_JAN_2021 14:41:40

Highest Channel / 10MHz+10MHz

N/A



Date: 15_JAN_2021 18:58:07