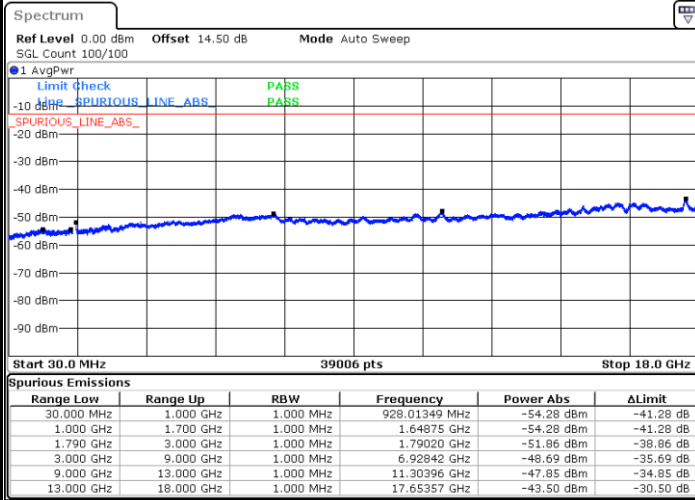




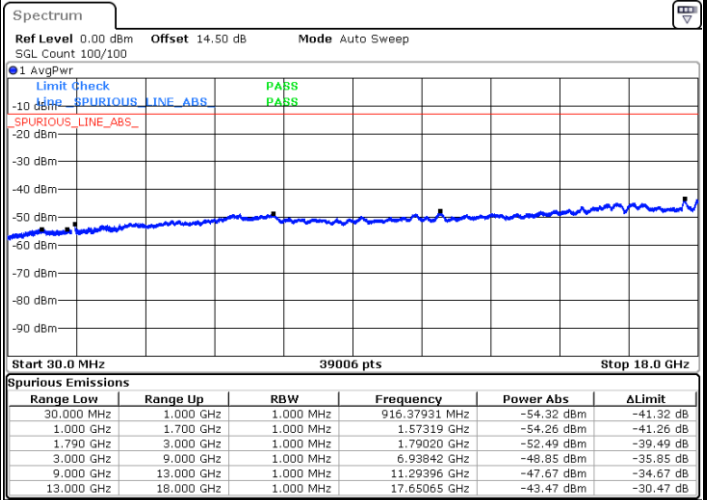
LTE Band 66 / 1.4MHz

Highest Channel / QPSK



Date: 5.SEP.2021 12:19:11

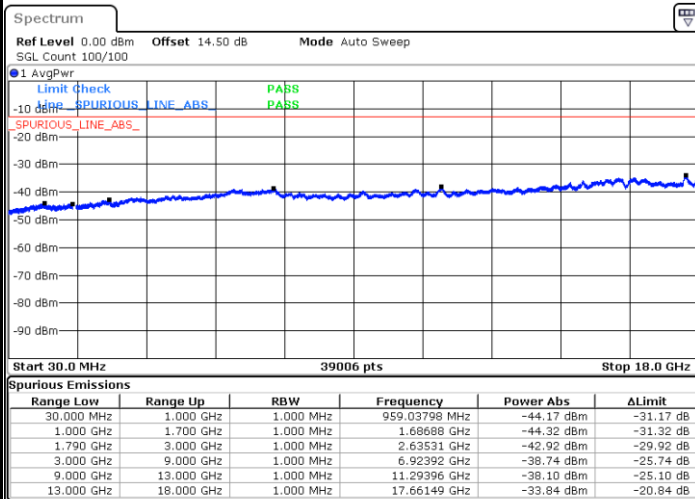
Highest Channel / 16QAM



Date: 5.SEP.2021 12:20:22

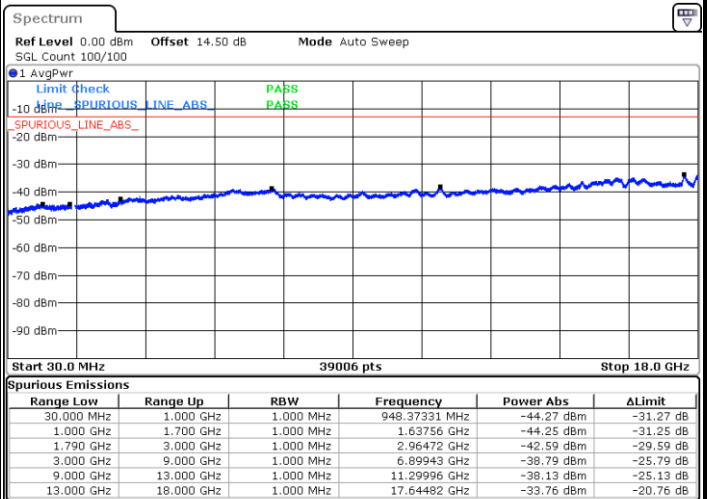
LTE Band 66 / 3MHz

Lowest Channel / QPSK



Date: 5.SEP.2021 12:27:43

Lowest Channel / 16QAM

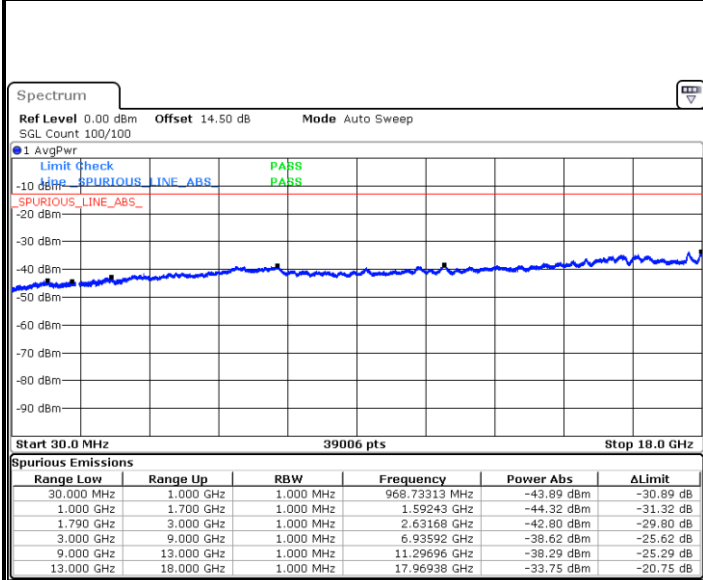


Date: 5.SEP.2021 12:28:54



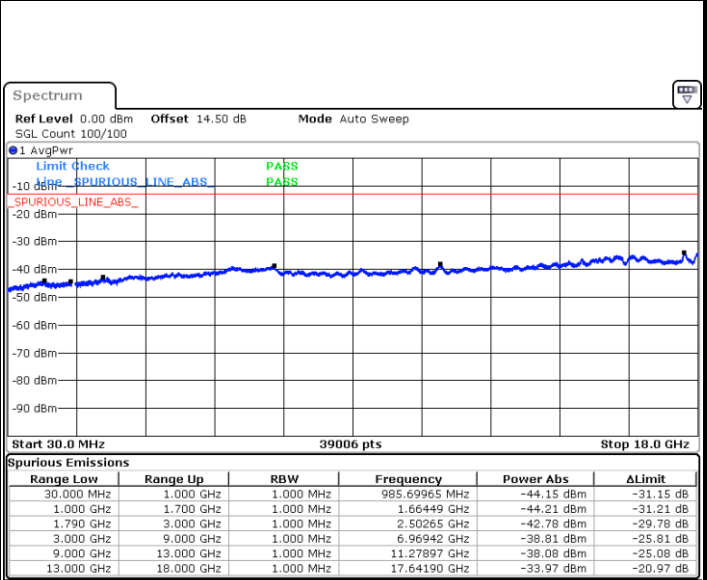
LTE Band 66 / 3MHz

Middle Channel / QPSK



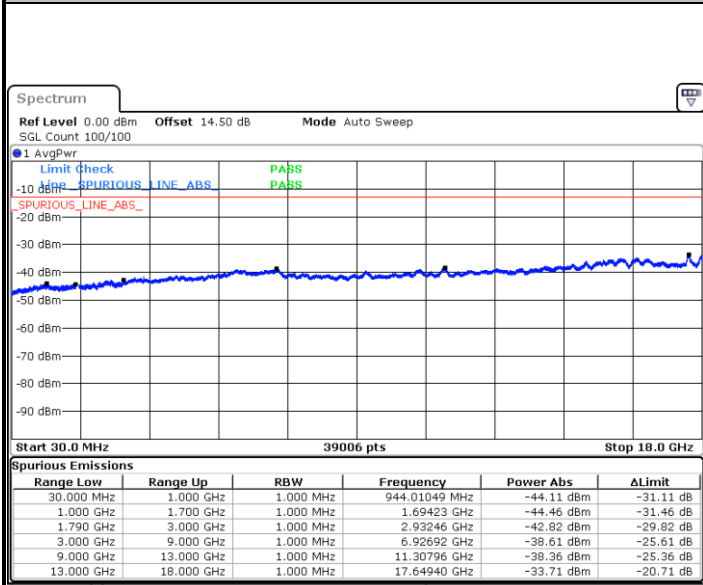
Date: 5.SEP.2021 12:31:33

Middle Channel / 16QAM



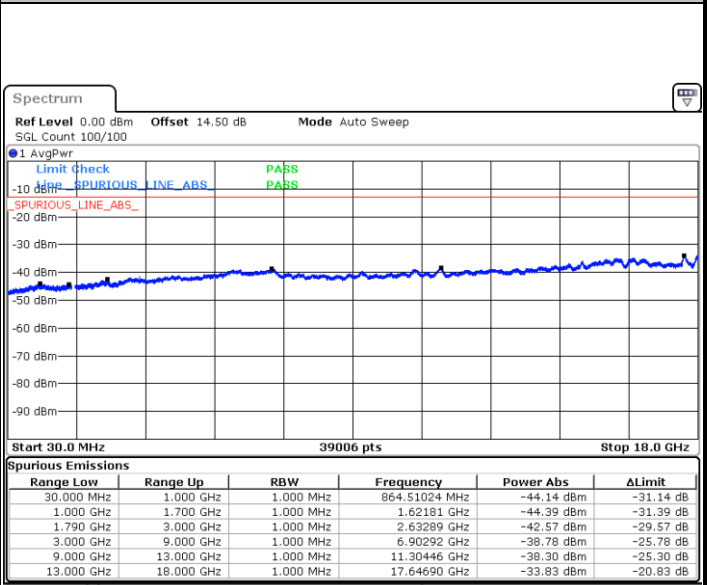
Date: 5.SEP.2021 12:32:44

Highest Channel / QPSK



Date: 5.SEP.2021 12:40:47

Highest Channel / 16QAM



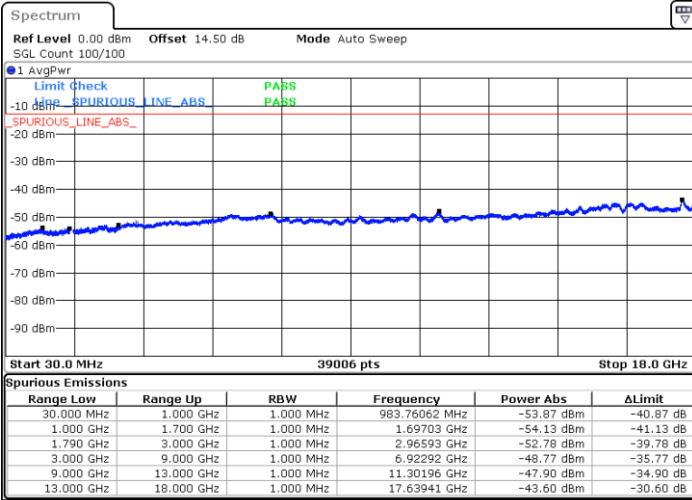
Date: 5.SEP.2021 12:41:58



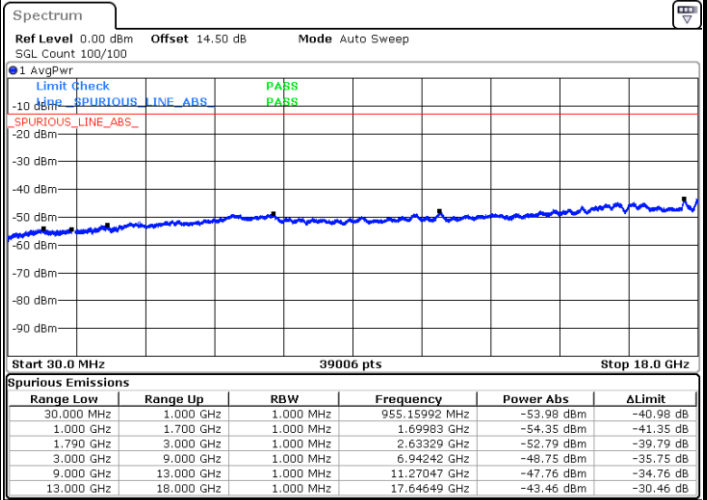
LTE Band 66 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



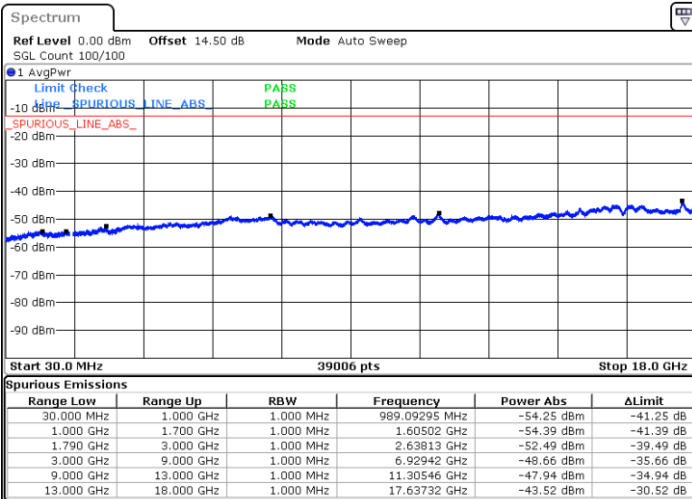
Date: 5.SEP.2021 12:49:19



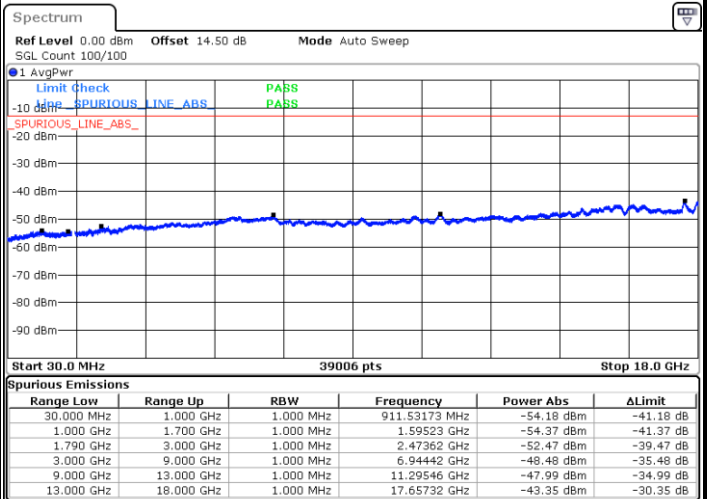
Date: 5.SEP.2021 12:50:30

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 5.SEP.2021 12:53:09

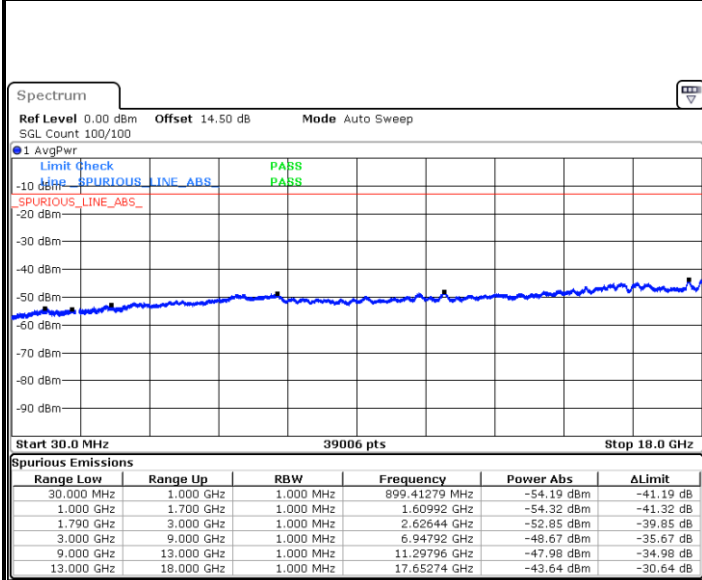


Date: 5.SEP.2021 12:54:20



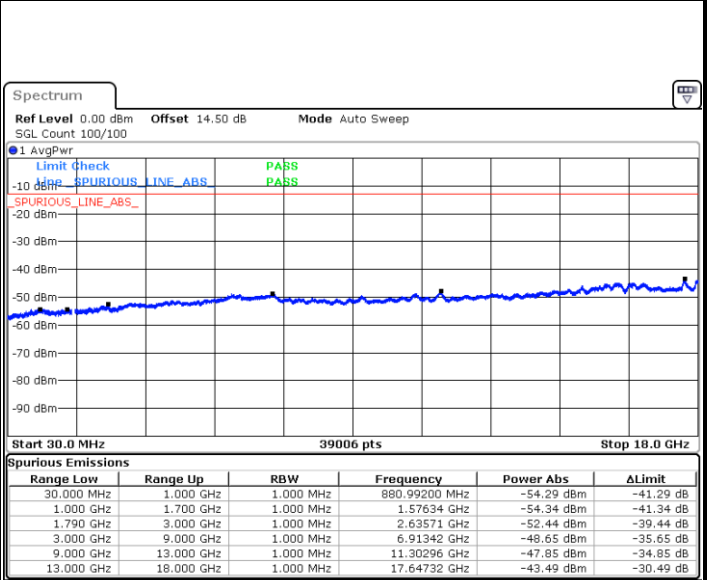
LTE Band 66 / 5MHz

Highest Channel / QPSK



Date: 5.SEP.2021 13:01:41

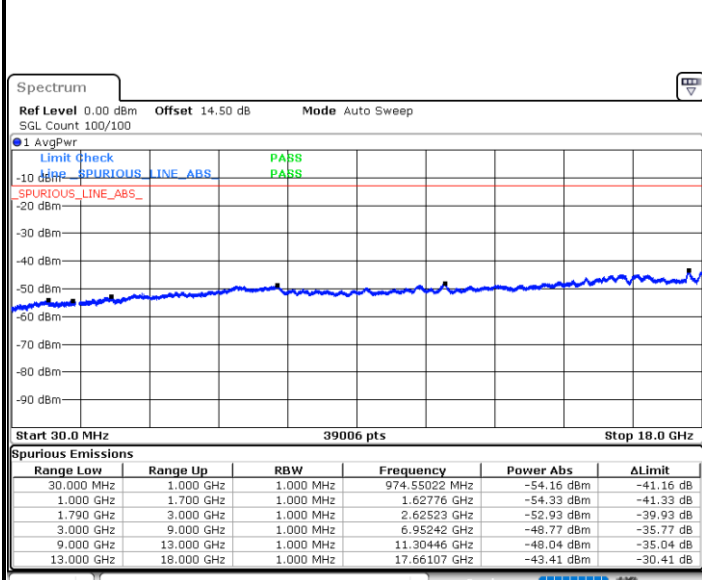
Highest Channel / 16QAM



Date: 5.SEP.2021 13:02:52

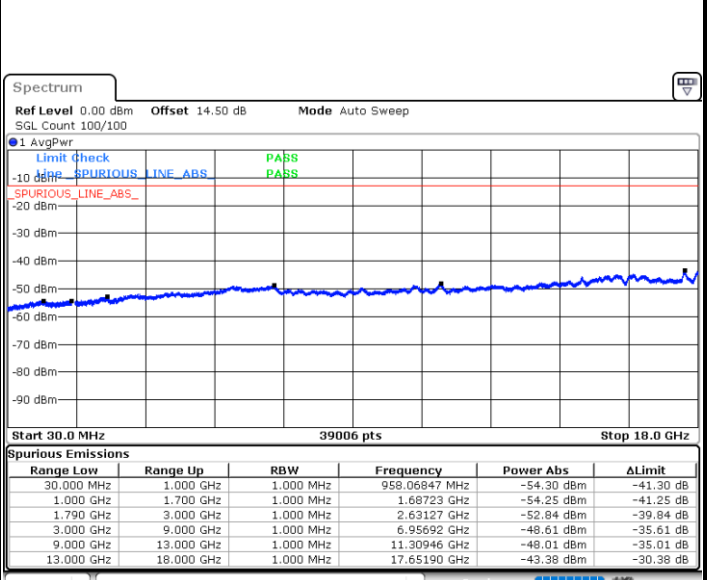
LTE Band 66 / 10MHz

Lowest Channel / QPSK



Date: 5.SEP.2021 13:10:13

Lowest Channel / 16QAM



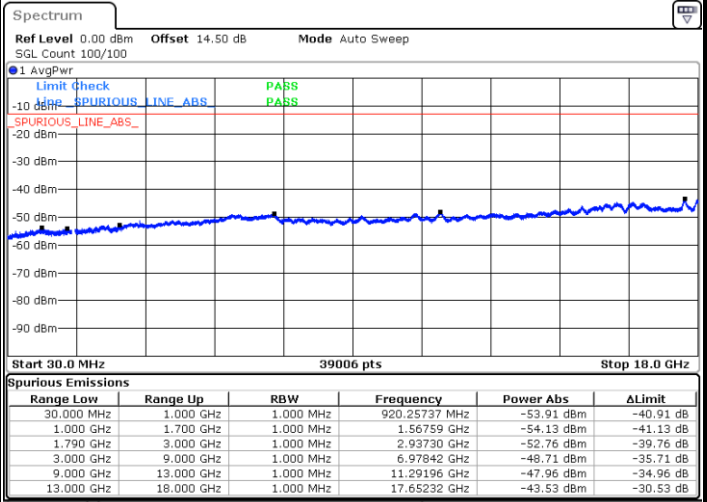
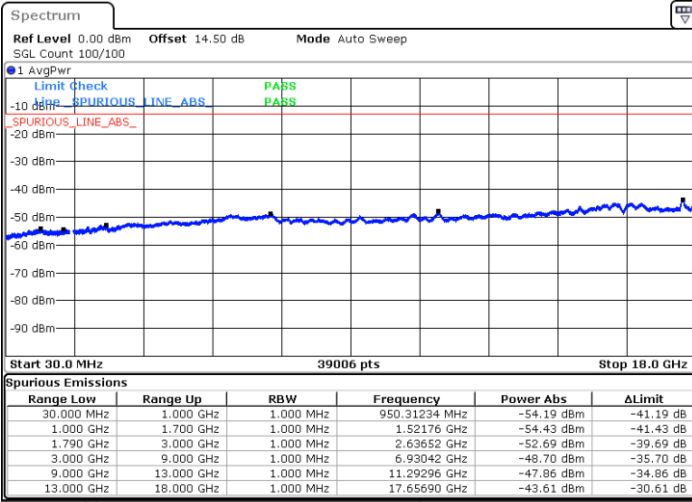
Date: 5.SEP.2021 13:11:24



LTE Band 66 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

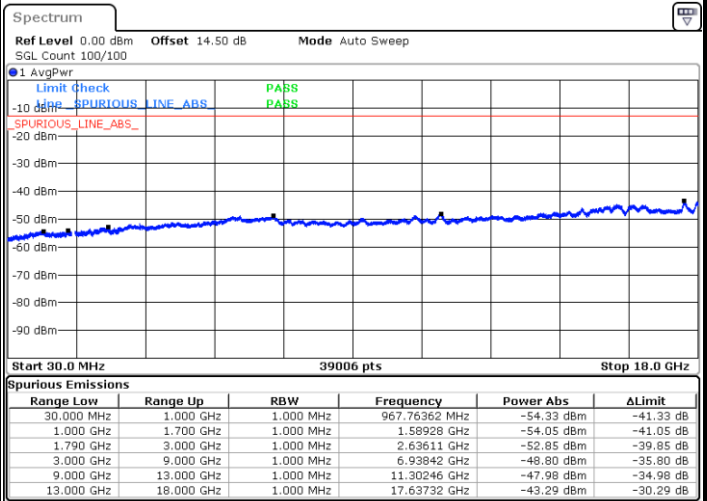
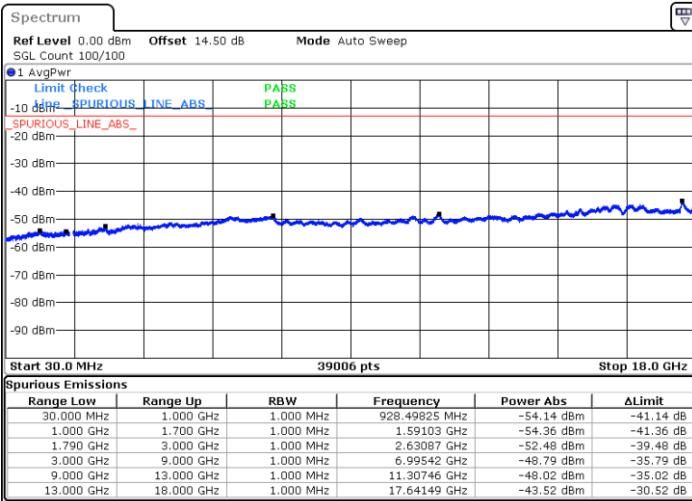


Date: 5.SEP.2021 13:14:03

Date: 5.SEP.2021 13:15:14

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 5.SEP.2021 13:22:35

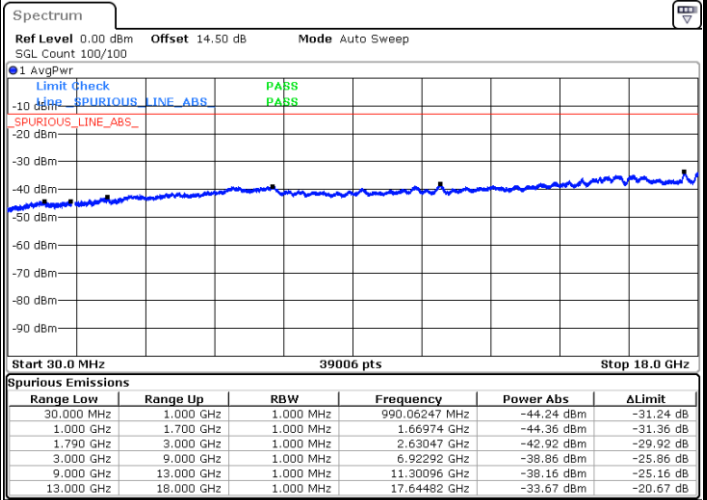
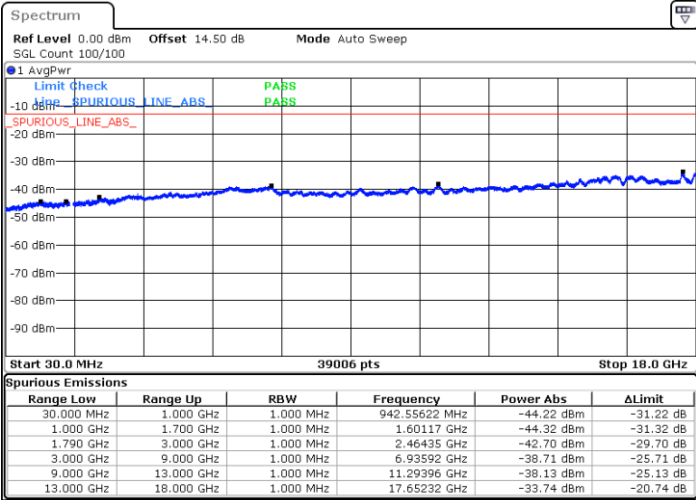
Date: 5.SEP.2021 13:23:46



LTE Band 66 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

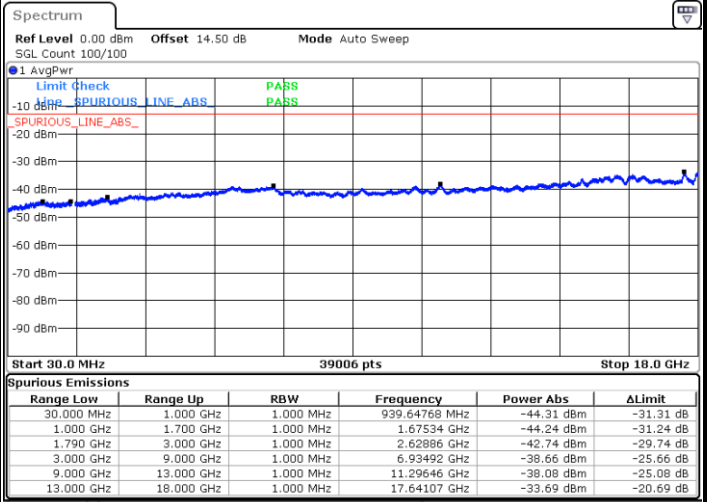
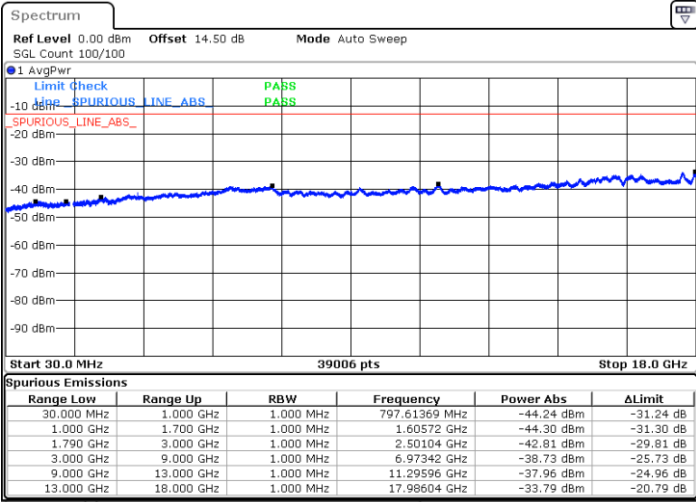


Date: 5.SEP.2021 13:31:08

Date: 5.SEP.2021 13:32:19

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 5.SEP.2021 13:35:16

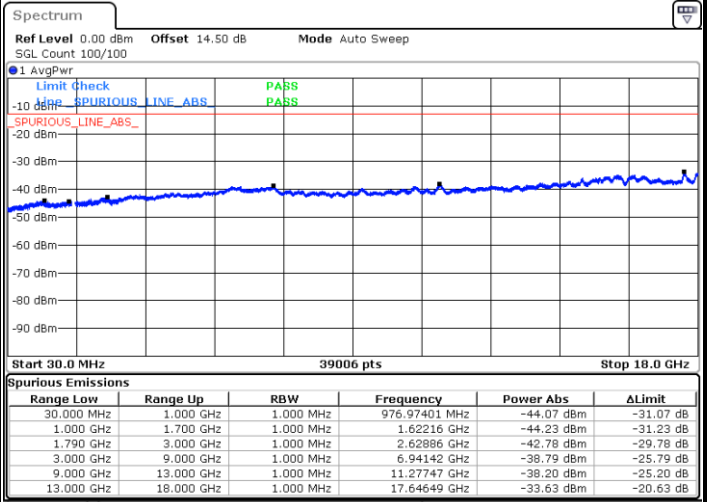
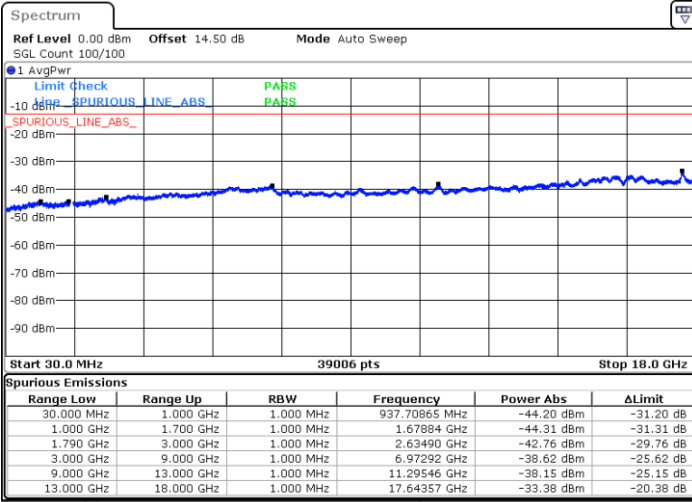
Date: 5.SEP.2021 13:36:27



LTE Band 66 / 15MHz

Highest Channel / QPSK

Highest Channel / 16QAM



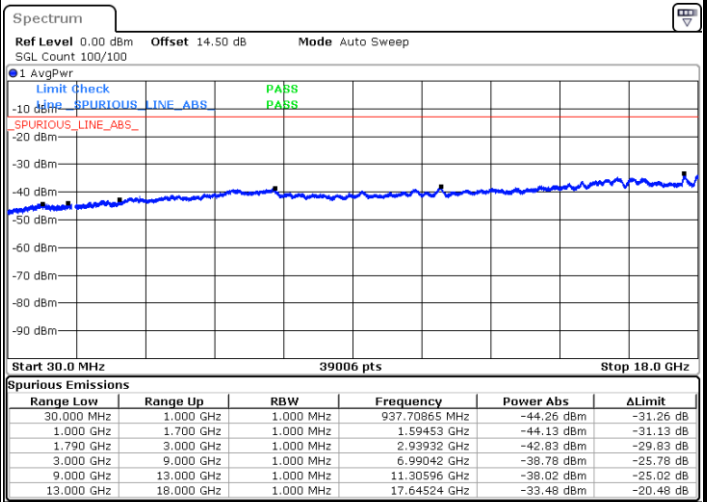
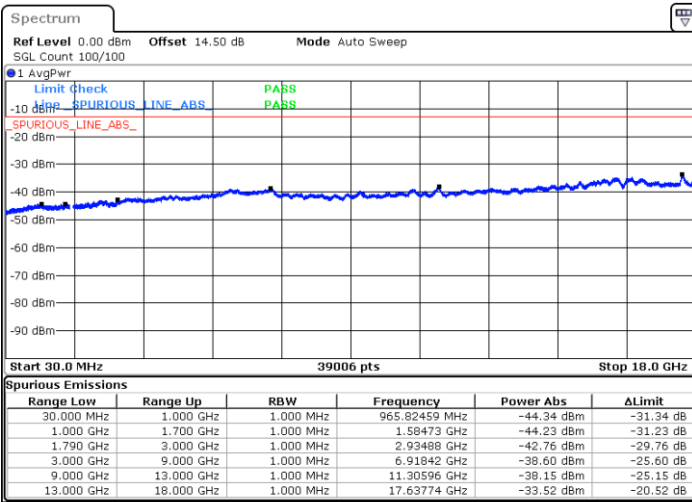
Date: 5.SEP.2021 13:43:48

Date: 5.SEP.2021 13:44:59

LTE Band 66 / 20MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 5.SEP.2021 13:52:20

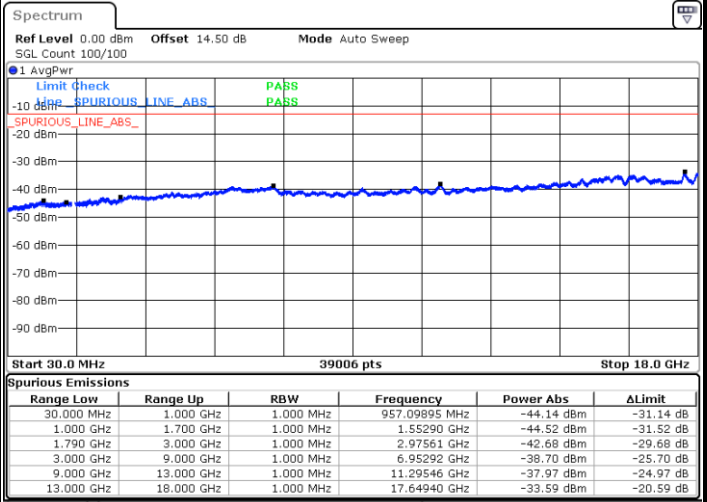
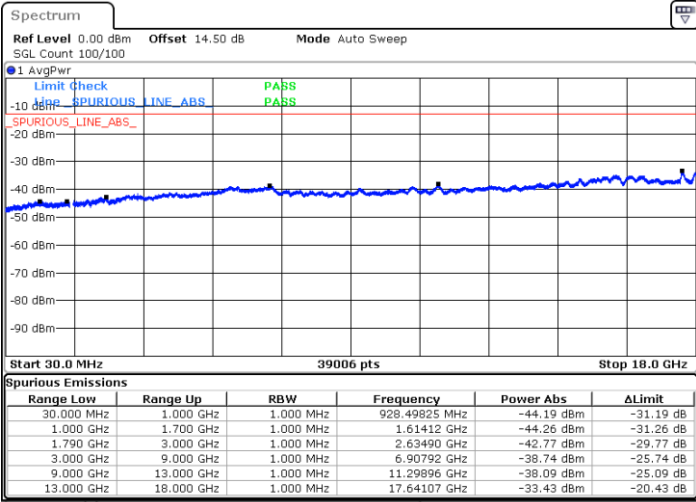
Date: 5.SEP.2021 13:53:31



LTE Band 66 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

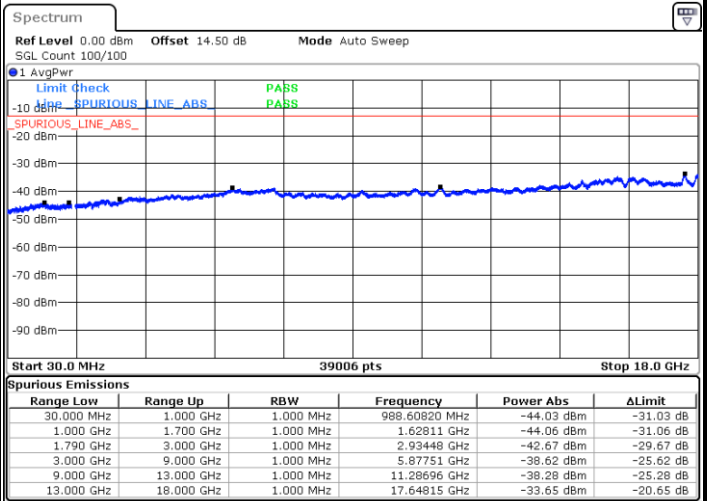
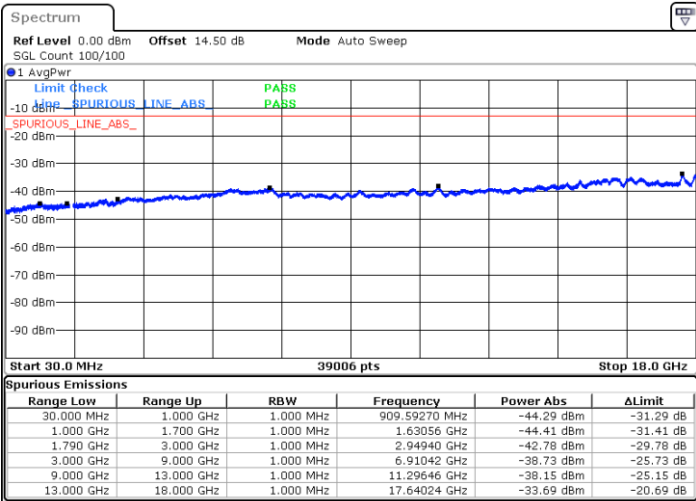


Date: 5.SEP.2021 13:56:21

Date: 5.SEP.2021 13:57:32

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 5.SEP.2021 14:14:38

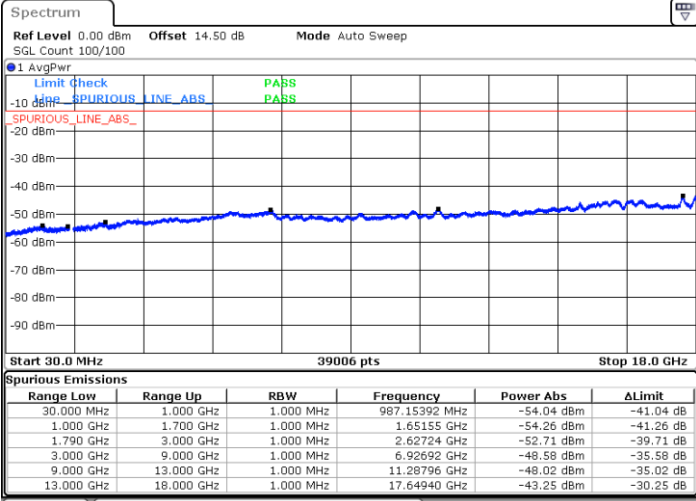
Date: 5.SEP.2021 14:15:49



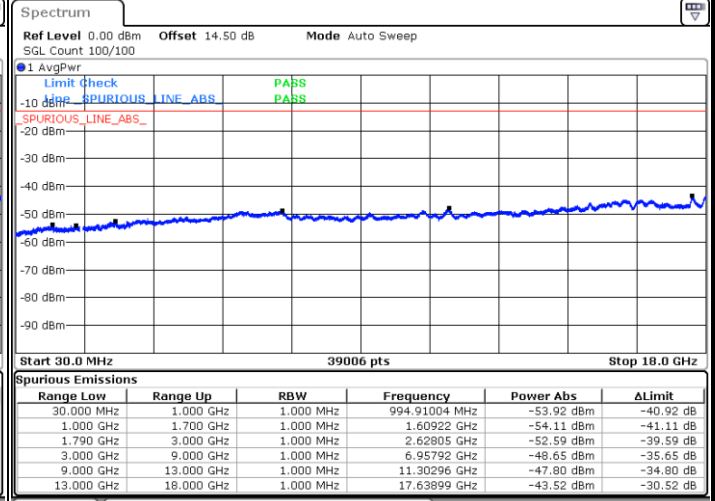
LTE Band 66 / 1.4MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

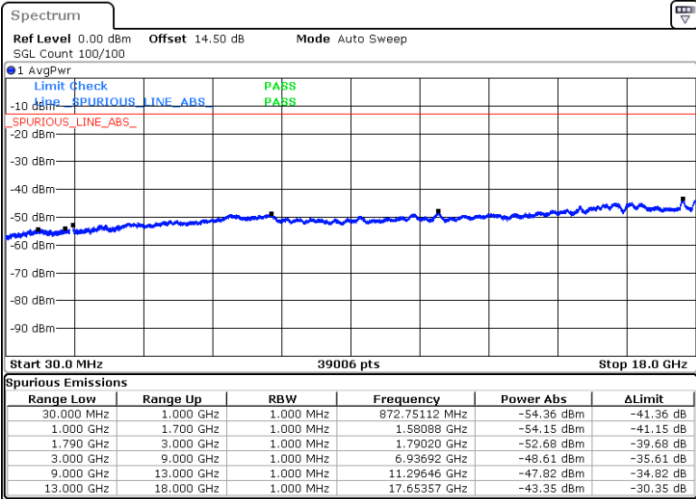


Date: 5.SEP.2021 14:48:47



Date: 5.SEP.2021 14:50:42

Highest Channel / 64QAM



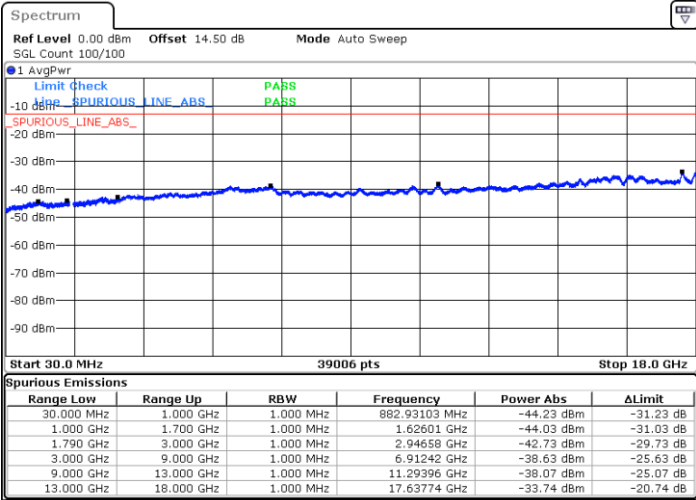
Date: 5.SEP.2021 14:55:04



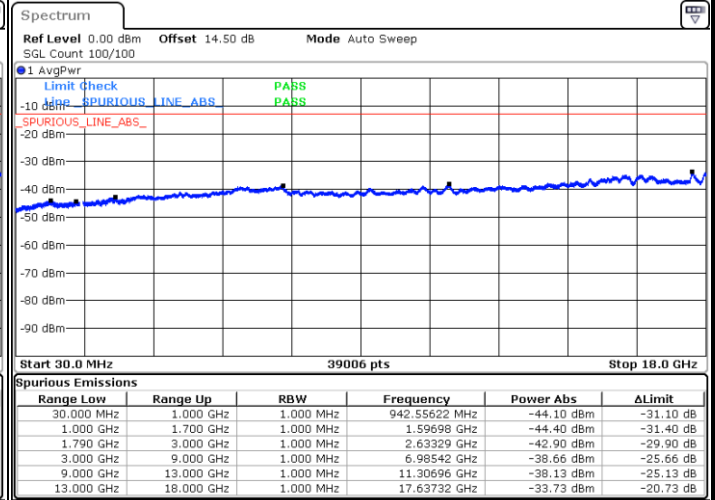
LTE Band 66 / 3MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

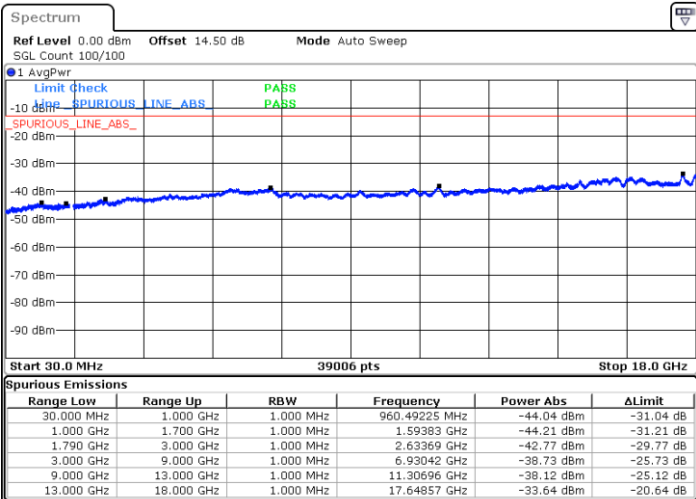


Date: 5.SEP.2021 14:59:20



Date: 5.SEP.2021 15:01:15

Highest Channel / 64QAM

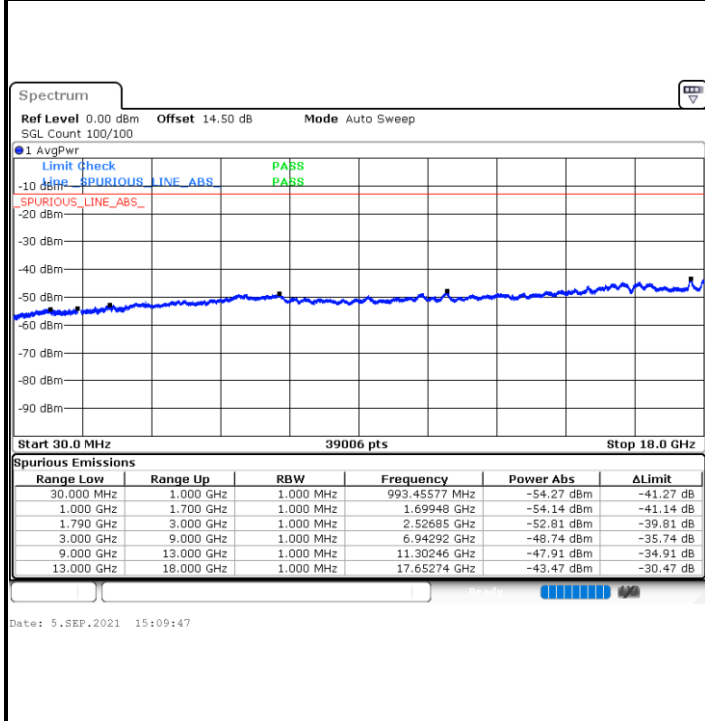


Date: 5.SEP.2021 15:05:31

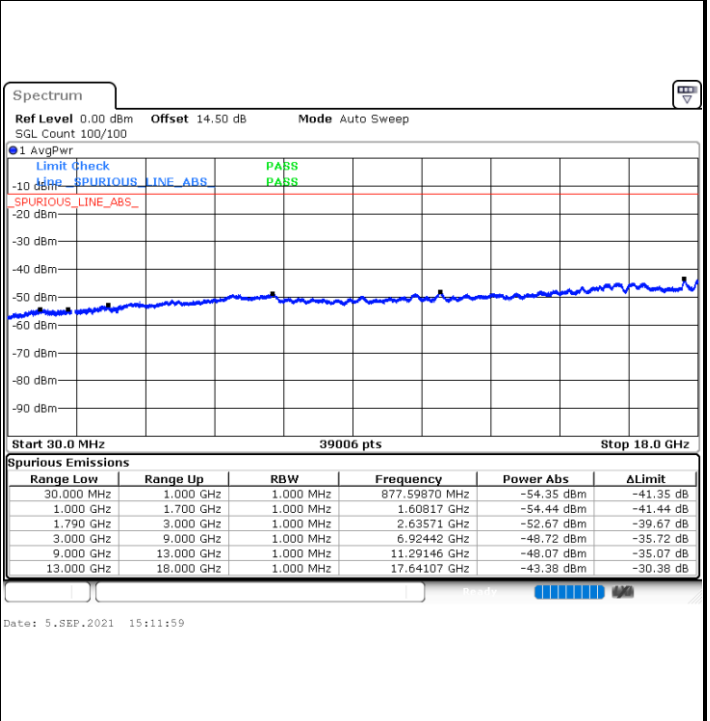


LTE Band 66 / 5MHz

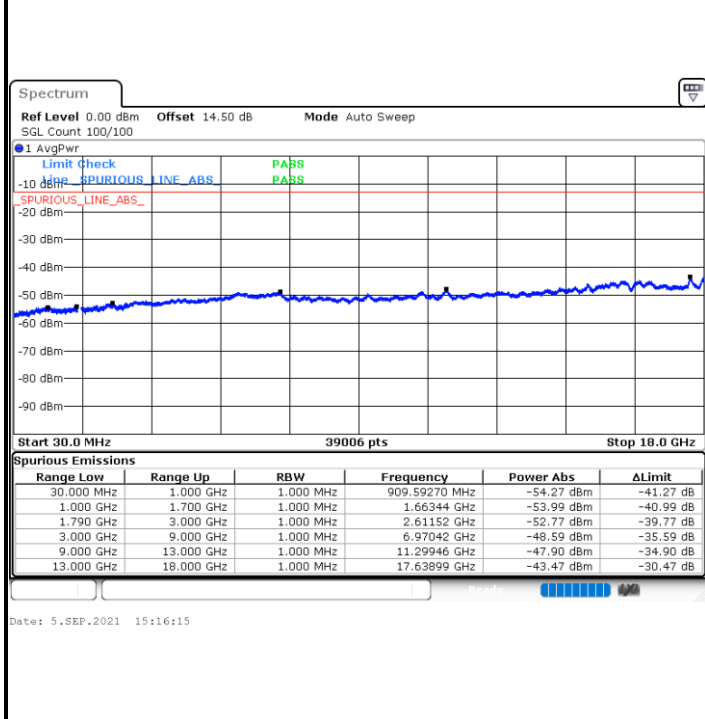
Lowest Channel / 64QAM



Middle Channel / 64QAM



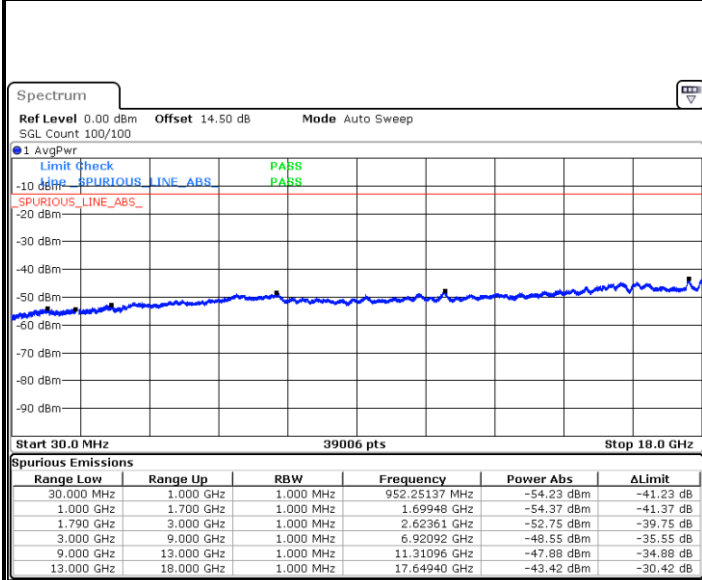
Highest Channel / 64QAM





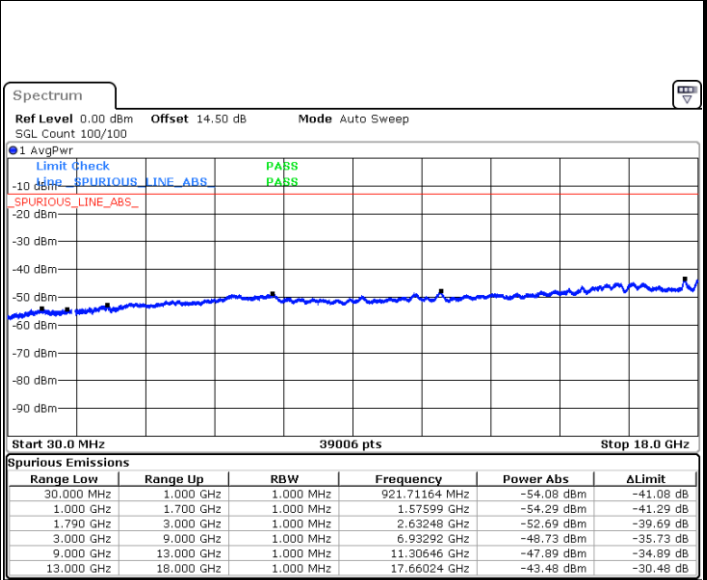
LTE Band 66 / 10MHz

Lowest Channel / 64QAM



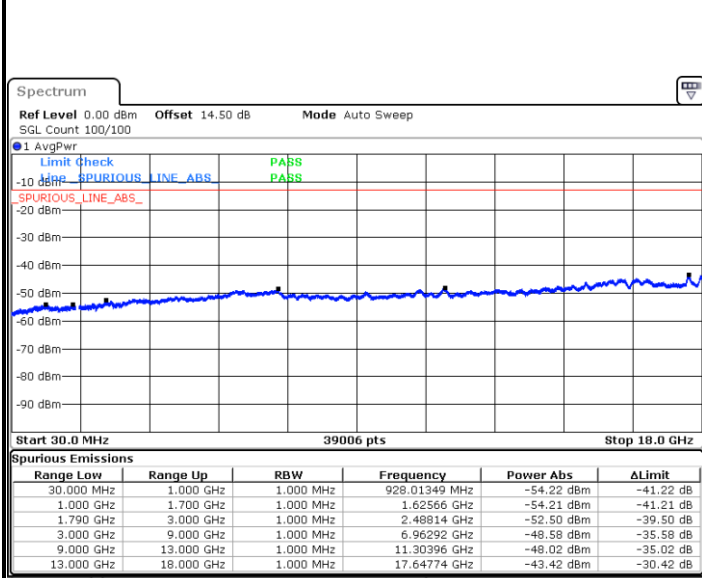
Date: 5.SEP.2021 15:20:31

Middle Channel / 64QAM



Date: 5.SEP.2021 15:22:26

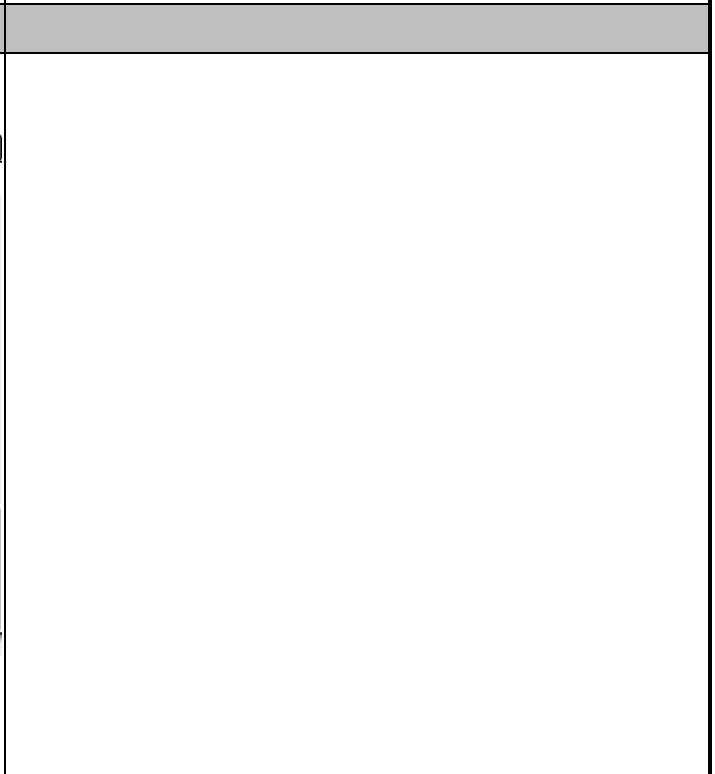
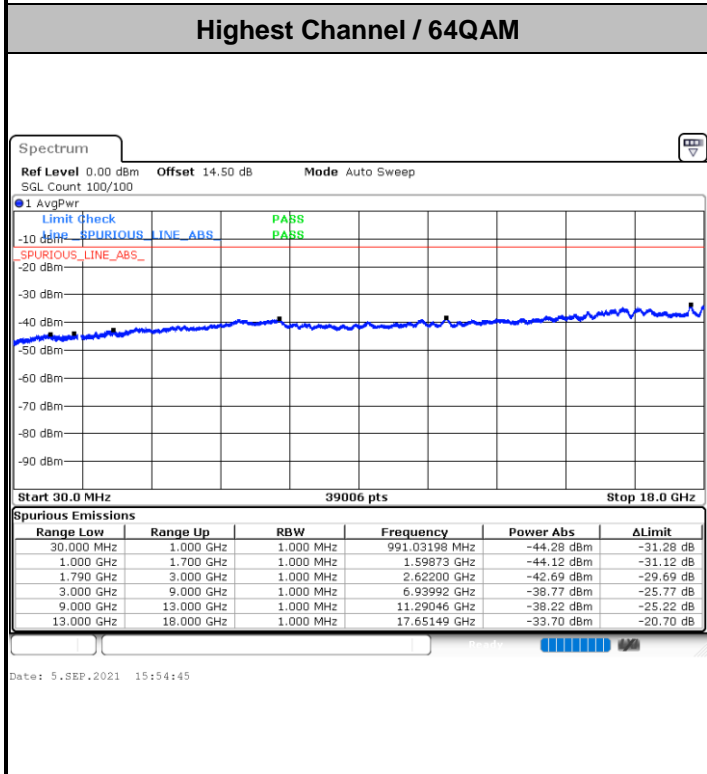
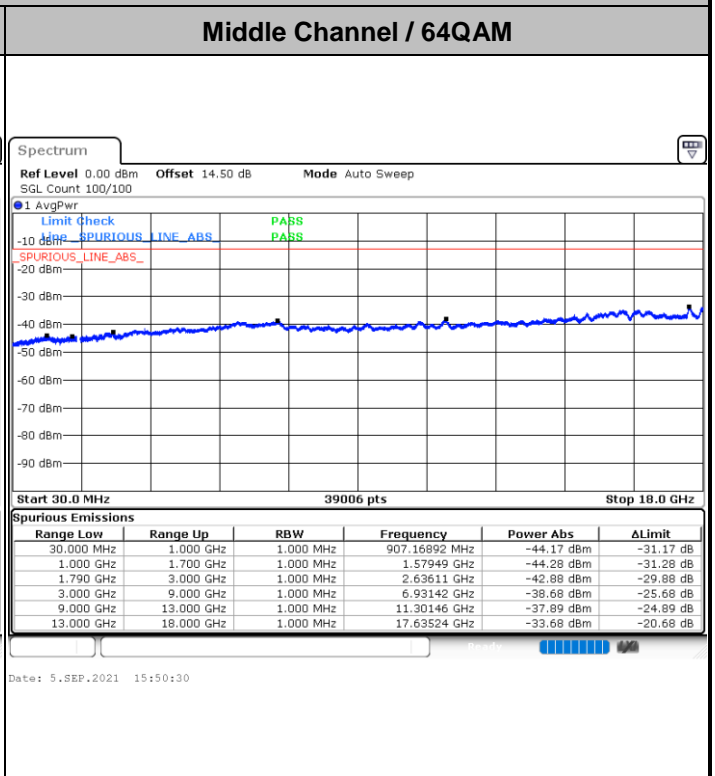
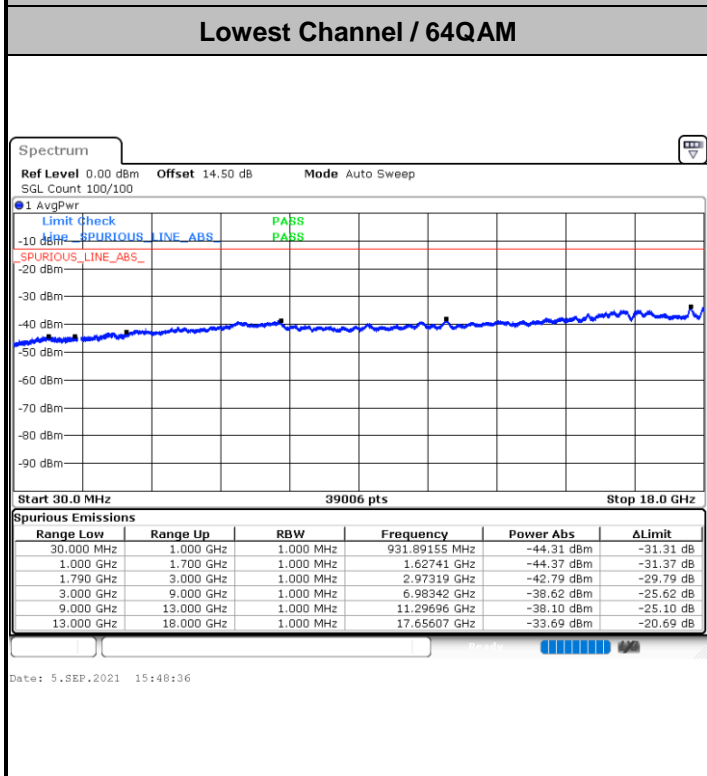
Highest Channel / 64QAM



Date: 5.SEP.2021 15:26:42



LTE Band 66 / 15MHz

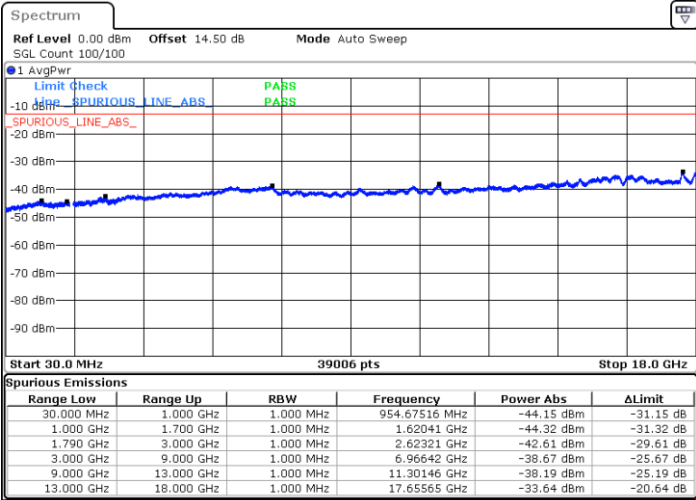




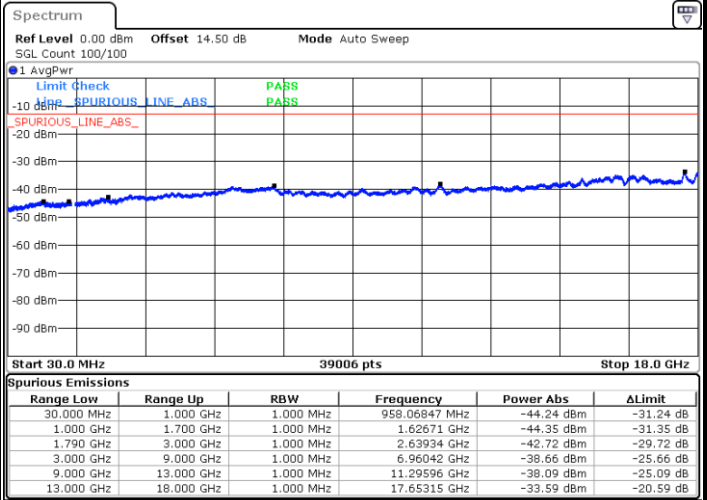
LTE Band 66 / 20MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

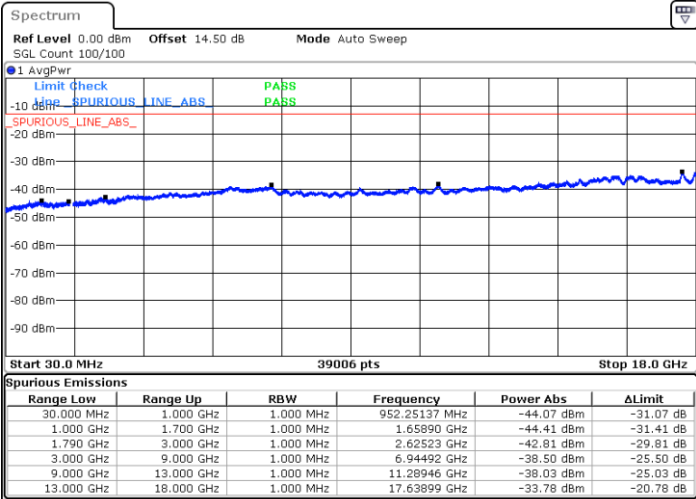


Date: 5.SEP.2021 16:12:25



Date: 5.SEP.2021 16:14:20

Highest Channel / 64QAM



Date: 5.SEP.2021 16:18:35



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	0.0013	PASS
40	Normal Voltage	0.0001	
30	Normal Voltage	0.0007	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0009	
0	Normal Voltage	0.0013	
-10	Normal Voltage	0.0011	
-20	Normal Voltage	0.0003	
-30	Normal Voltage	0.0012	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0008	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 7C_CA

26dB Bandwidth

Mode	LTE Band 7C_CA : 26dB BW(MHz)			
QPSK				
BW	10MHz+20MHz	15MHz+5MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	29.85	-	25.28	30.51
Middle CH	29.97	-	25.23	30.45
Highest CH	29.91	-	25.28	30.63
BW	15MHz+20MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	34.97	30.03	35.18	39.96
Middle CH	34.76	29.97	35.04	39.88
Highest CH	34.90	30.03	34.76	40.04

Mode	LTE Band 7C_CA : 26dB BW(MHz)			
16QAM				
BW	10MHz+20MHz	15MHz+5MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	29.79	-	25.18	30.69
Middle CH	30.03	-	25.33	30.45
Highest CH	29.85	-	25.33	30.45
BW	15MHz+20MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	34.97	30.09	34.83	39.88
Middle CH	34.83	30.03	34.97	39.80
Highest CH	34.97	29.97	35.11	39.80

Mode	LTE Band 7C_CA : 26dB BW(MHz)			
64QAM				
BW	10MHz+20MHz	15MHz+5MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	30.09	-	25.18	30.51
Middle CH	29.85	-	25.23	30.57
Highest CH	29.79	-	25.38	30.63
BW	15MHz+20MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	34.83	29.97	34.90	39.72
Middle CH	34.90	30.15	35.04	39.72
Highest CH	34.83	30.03	34.97	40.04

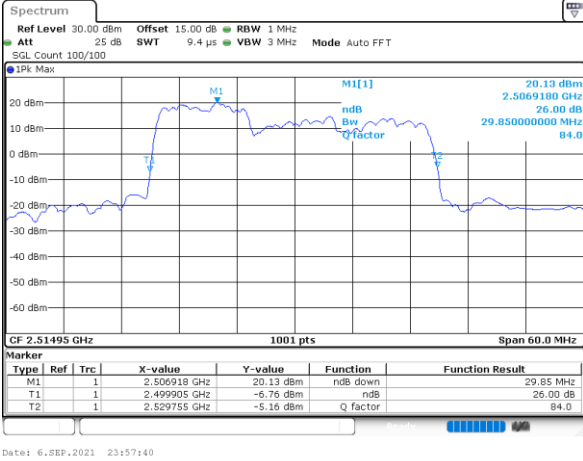


LTE Band 7C_CA

QPSK

Lowest Channel / 10MHz+20MHz

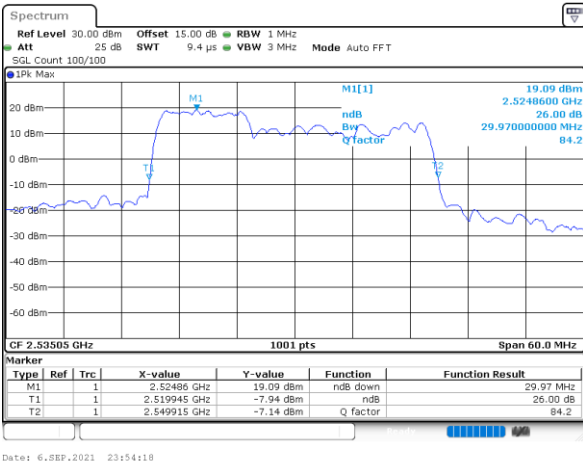
NA



Date: 6,SEP,2021 23:57:40

Middle Channel / 10MHz+20MHz

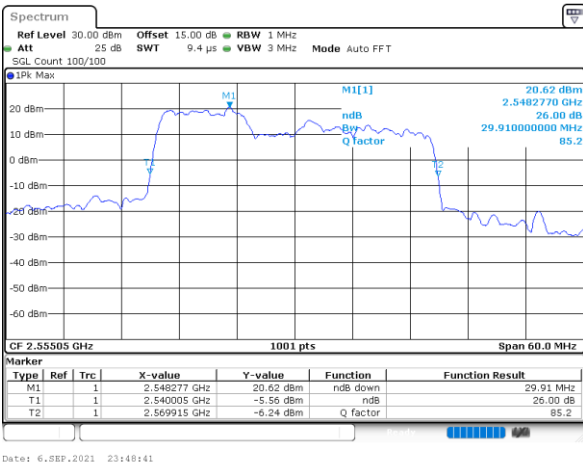
NA



Date: 6,SEP,2021 23:54:18

Highest Channel / 10MHz+20MHz

NA



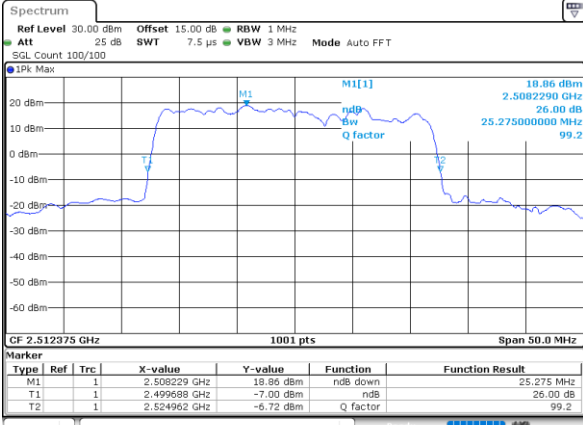
Date: 6,SEP,2021 23:48:41



LTE Band 7C_CA

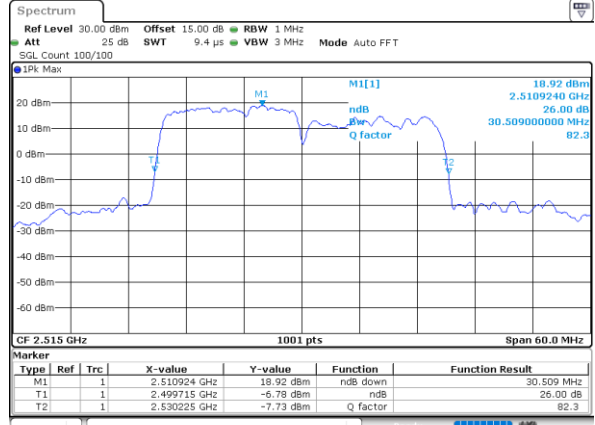
QPSK

Lowest Channel / 15MHz+10MHz



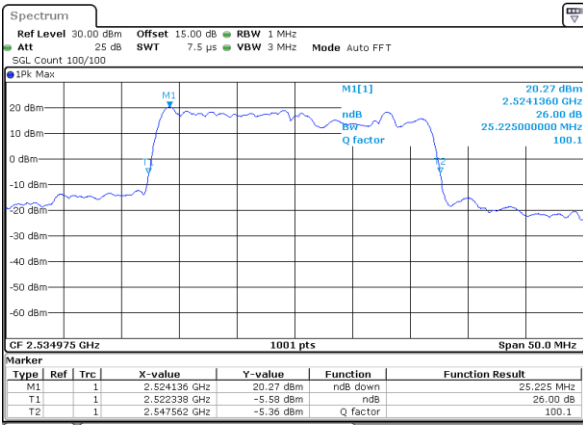
Date: 7_SEP.2021 22:44:57

Lowest Channel / 15MHz+15MHz



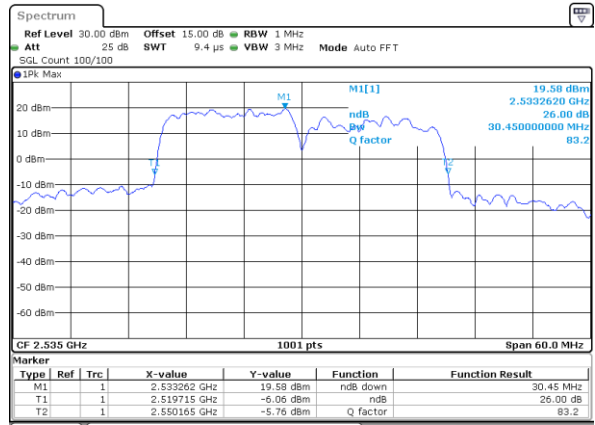
Date: 7_SEP.2021 17:56:11

Middle Channel / 15MHz+10MHz



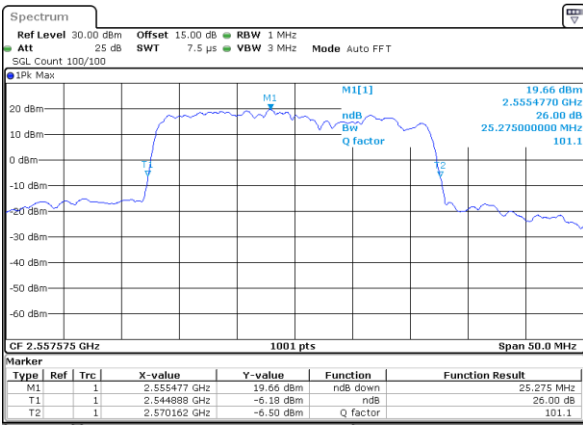
Date: 7_SEP.2021 23:09:59

Middle Channel / 15MHz+15MHz



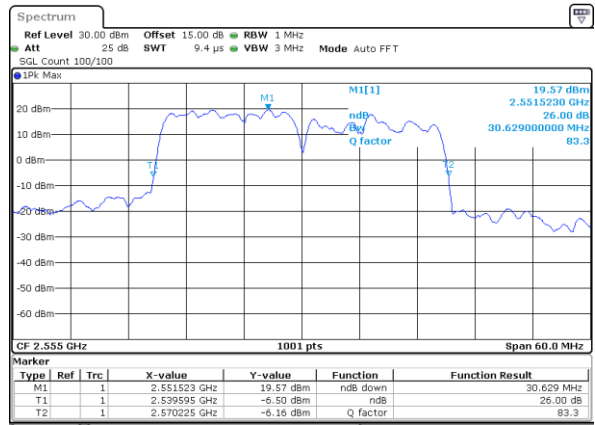
Date: 7_SEP.2021 18:26:57

Highest Channel / 15MHz+10MHz



Date: 7_SEP.2021 23:39:53

Highest Channel / 15MHz+15MHz



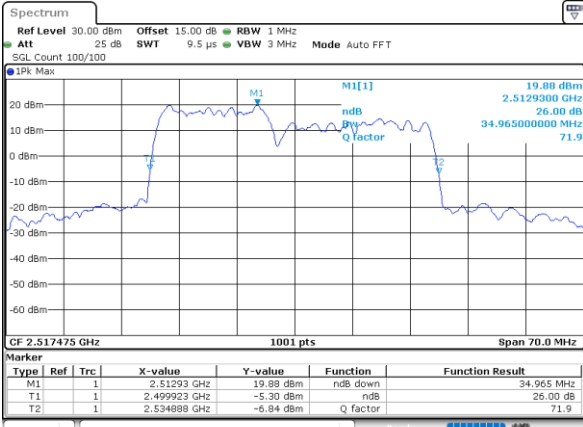
Date: 7_SEP.2021 18:36:02



LTE Band 7C_CA

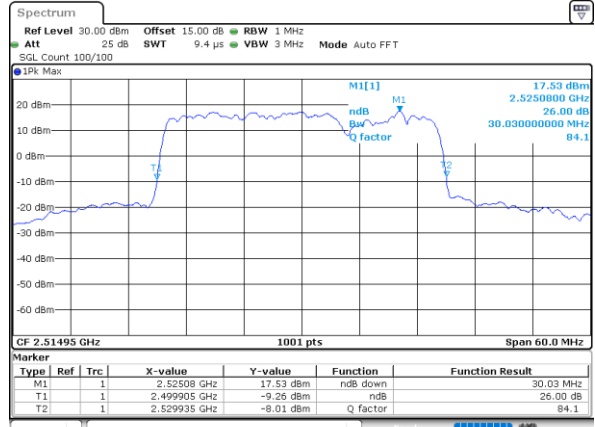
QPSK

Lowest Channel / 15MHz+20MHz



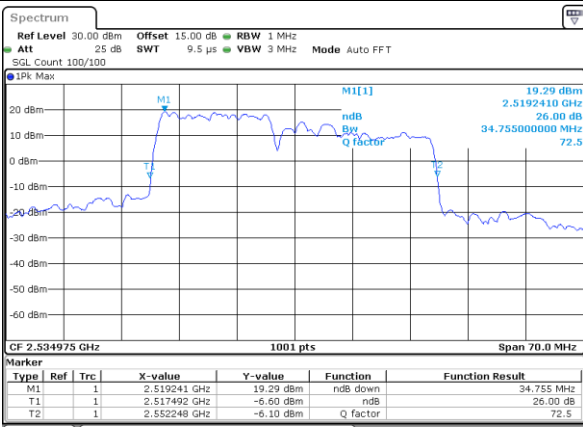
Date: 7_SEP.2021 18:54:04

Lowest Channel / 20MHz+10MHz



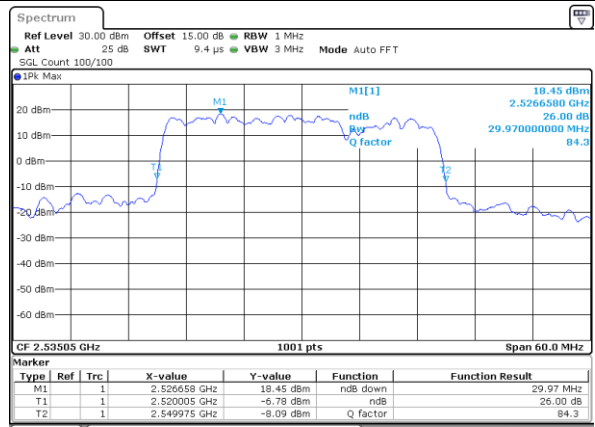
Date: 7_SEP.2021 00:07:29

Middle Channel / 15MHz+20MHz



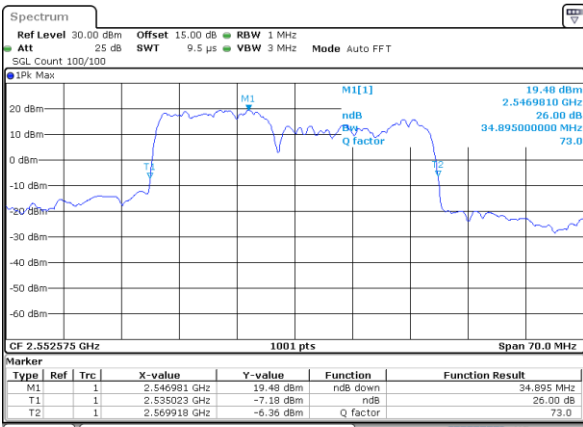
Date: 7_SEP.2021 19:30:31

Middle Channel / 20MHz+10MHz



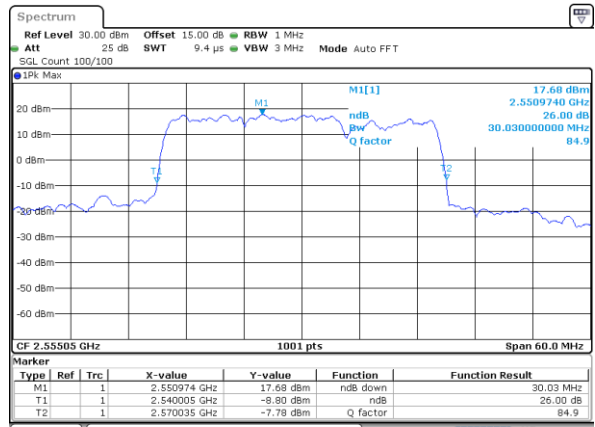
Date: 7_SEP.2021 00:32:22

Highest Channel / 15MHz+20MHz



Date: 7_SEP.2021 19:33:09

Highest Channel / 20MHz+10MHz



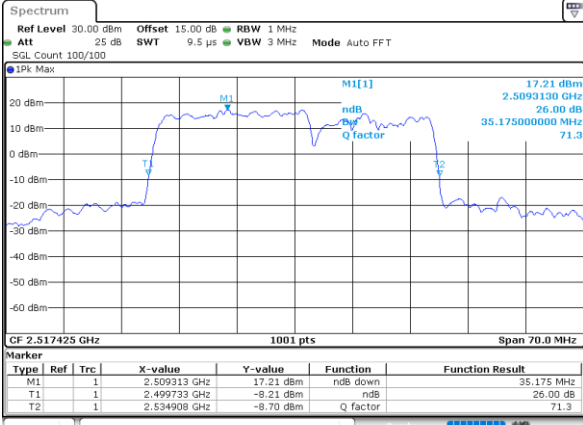
Date: 7_SEP.2021 00:46:10



LTE Band 7C_CA

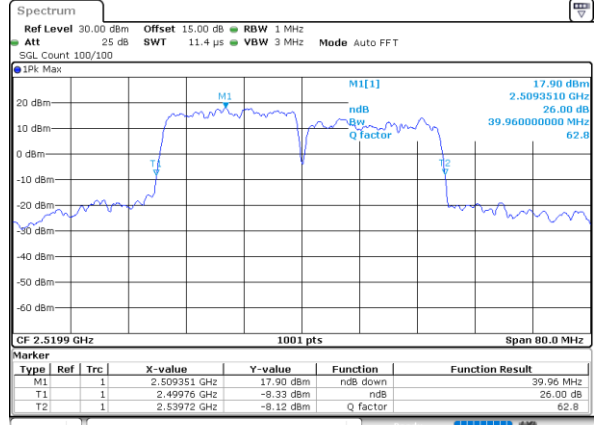
QPSK

Lowest Channel / 20MHz+15MHz



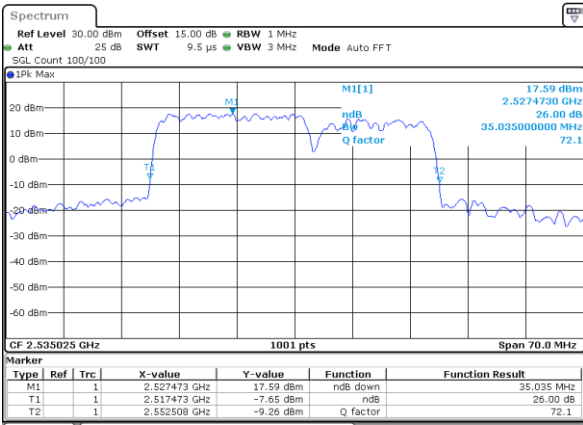
Date: 7_SEP.2021 20:11:17

Lowest Channel / 20MHz+20MHz



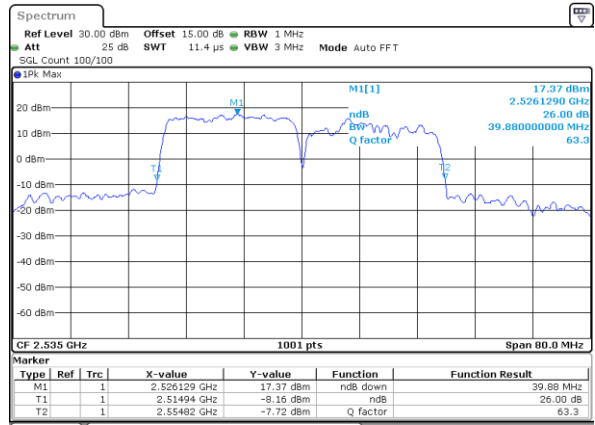
Date: 7_SEP.2021 21:21:12

Middle Channel / 20MHz+15MHz



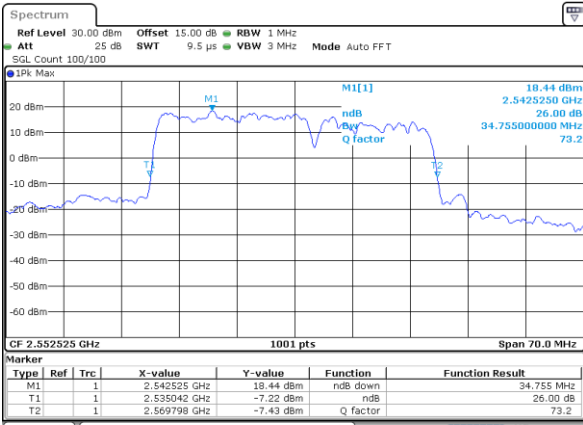
Date: 7_SEP.2021 20:33:53

Middle Channel / 20MHz+20MHz



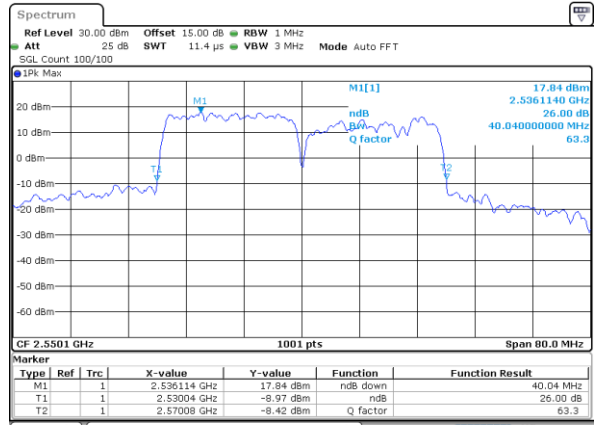
Date: 7_SEP.2021 22:15:51

Highest Channel / 20MHz+15MHz



Date: 7_SEP.2021 20:58:41

Highest Channel / 20MHz+20MHz



Date: 7_SEP.2021 22:18:16

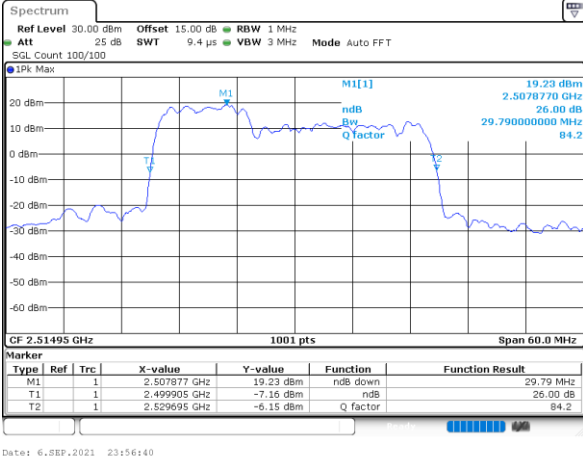


LTE Band 7C_CA

16QAM

Lowest Channel / 10MHz+20MHz

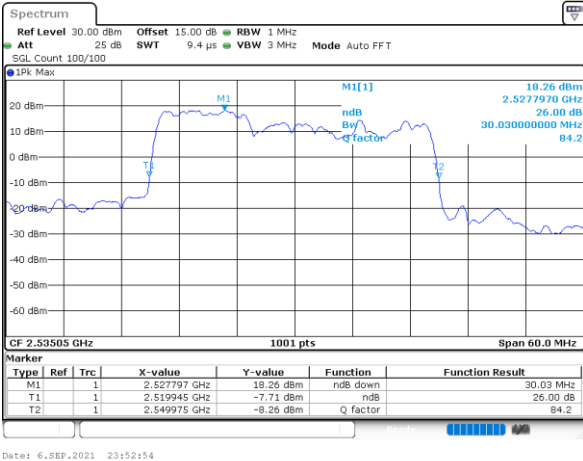
NA



Date: 6,SEP,2021 23:56:40

Middle Channel / 10MHz+20MHz

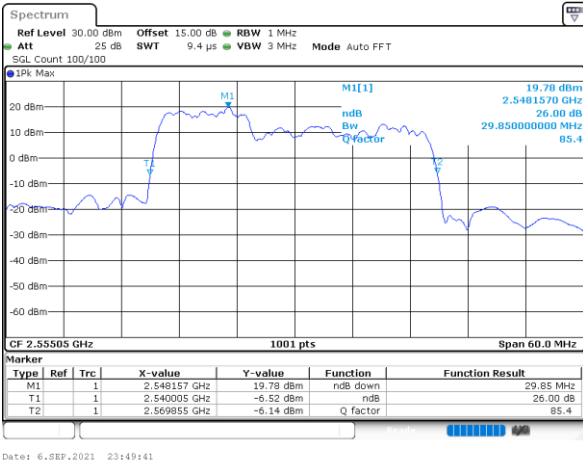
NA



Date: 6,SEP,2021 23:52:54

Highest Channel / 10MHz+20MHz

NA



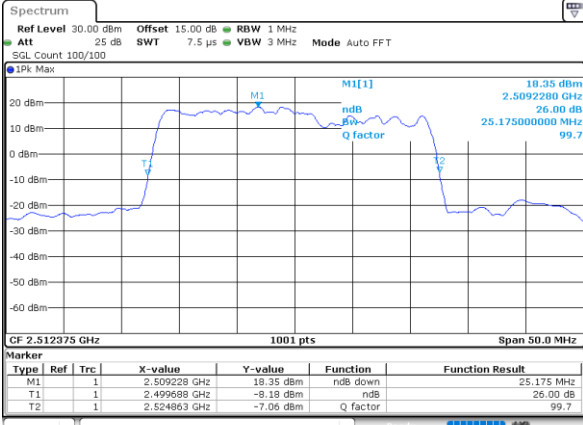
Date: 6,SEP,2021 23:49:41



LTE Band 7C_CA

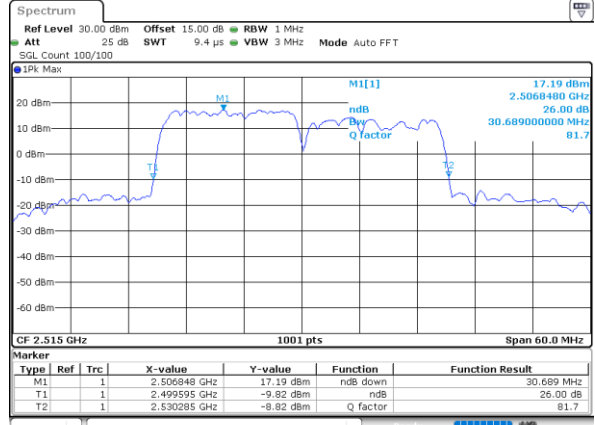
16QAM

Lowest Channel / 15MHz+10MHz



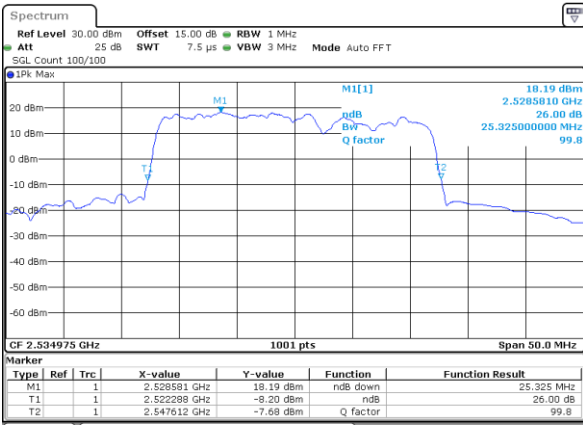
Date: 7_SEP.2021 22:42:37

Lowest Channel / 15MHz+15MHz



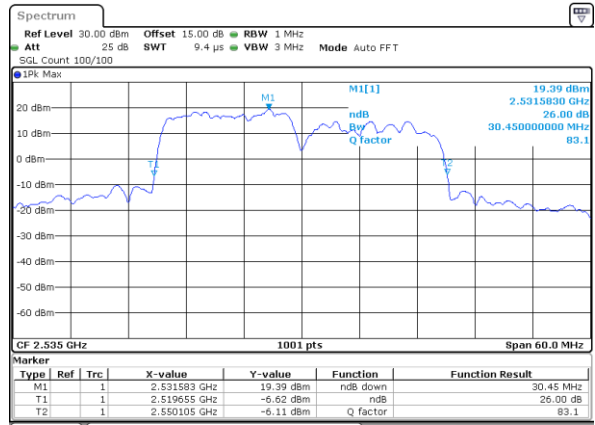
Date: 7_SEP.2021 17:57:26

Middle Channel / 15MHz+10MHz



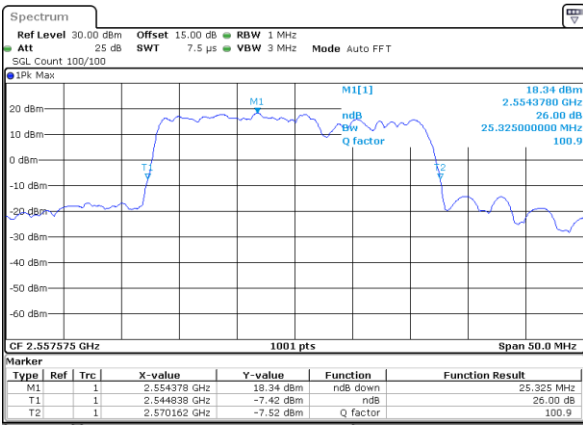
Date: 7_SEP.2021 23:11:52

Middle Channel / 15MHz+15MHz



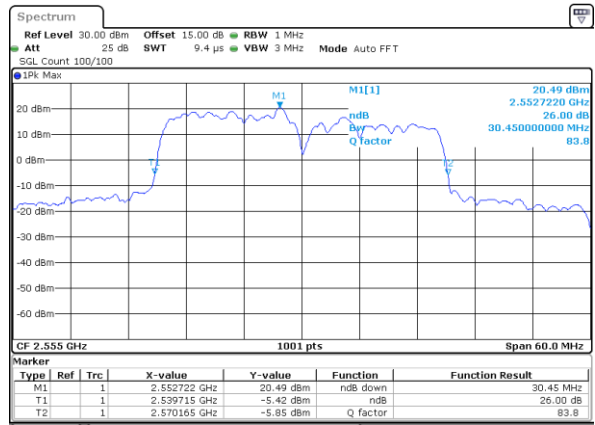
Date: 7_SEP.2021 18:28:07

Highest Channel / 15MHz+10MHz



Date: 7_SEP.2021 23:38:58

Highest Channel / 15MHz+15MHz



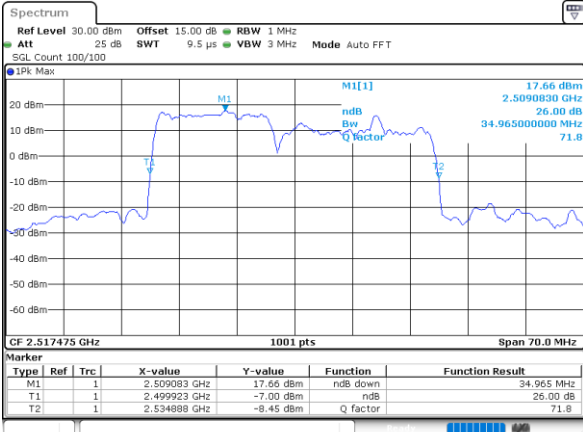
Date: 7_SEP.2021 18:33:13



LTE Band 7C_CA

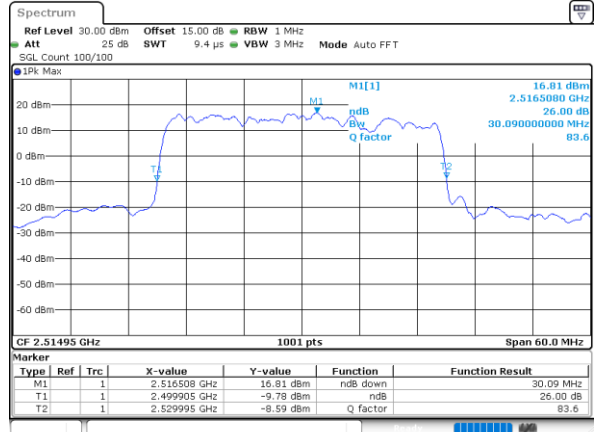
16QAM

Lowest Channel / 15MHz+20MHz



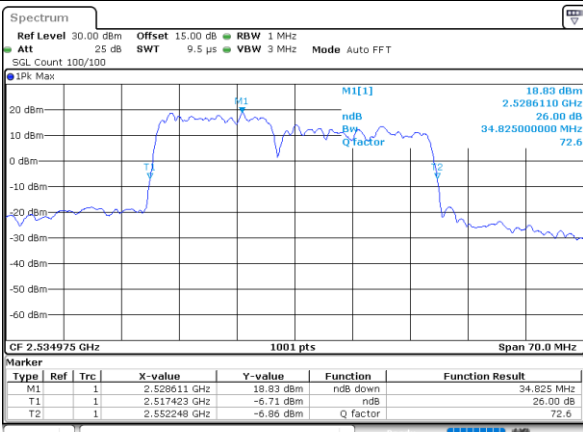
Date: 7_SEP.2021 18:56:57

Lowest Channel / 20MHz+10MHz



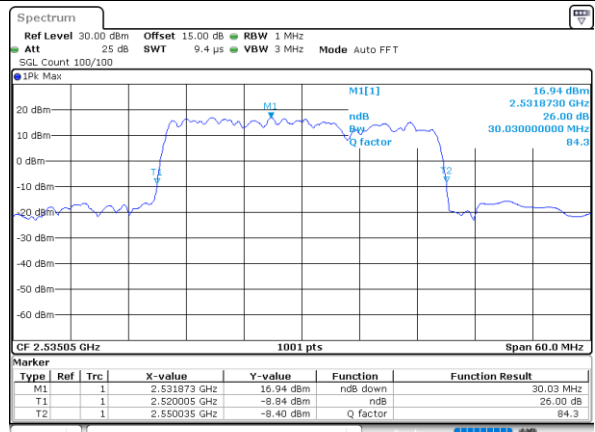
Date: 7_SEP.2021 00:04:49

Middle Channel / 15MHz+20MHz



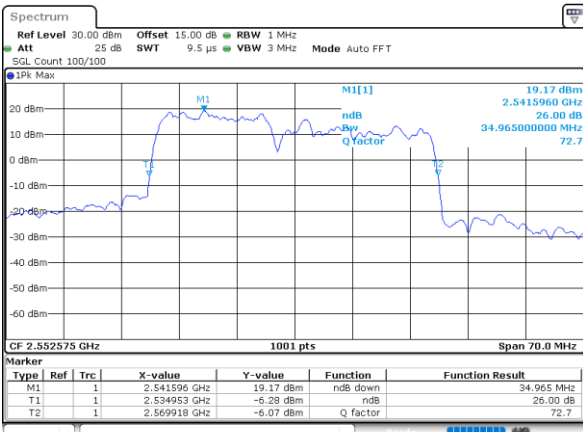
Date: 7_SEP.2021 19:27:56

Middle Channel / 20MHz+10MHz



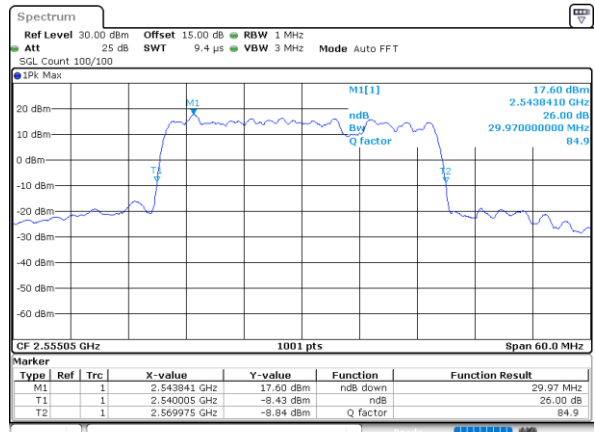
Date: 7_SEP.2021 00:34:42

Highest Channel / 15MHz+20MHz



Date: 7_SEP.2021 19:35:45

Highest Channel / 20MHz+10MHz



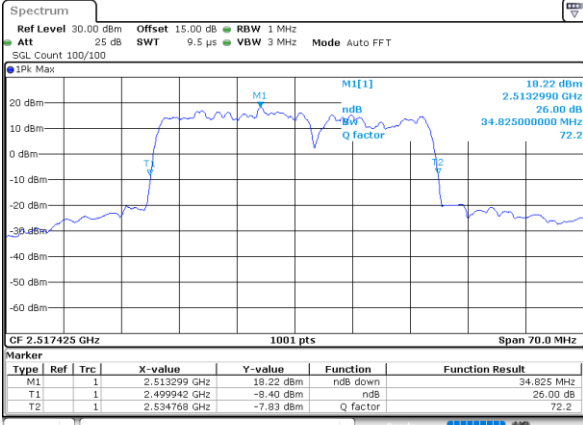
Date: 7_SEP.2021 00:43:02



LTE Band 7C_CA

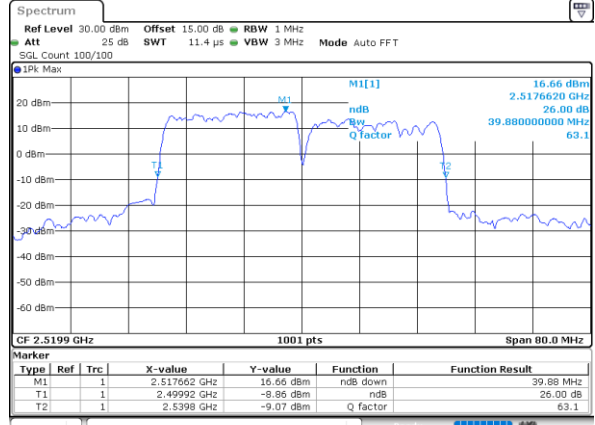
16QAM

Lowest Channel / 20MHz+15MHz



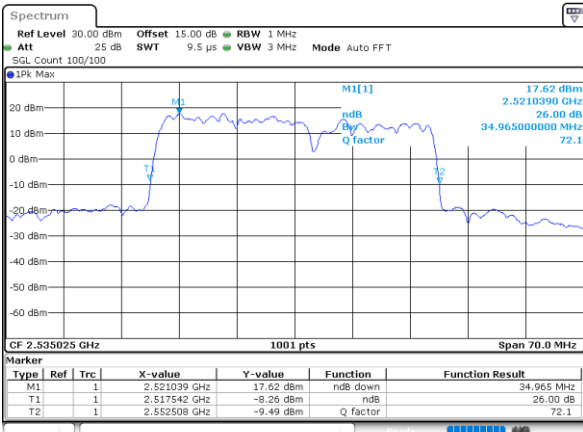
Date: 7_SEP.2021 20:08:45

Lowest Channel / 20MHz+20MHz



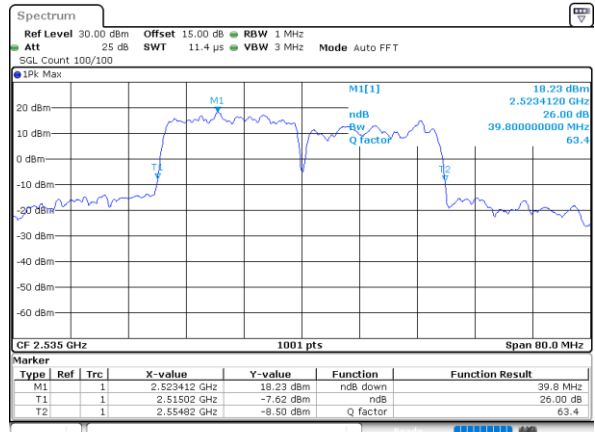
Date: 7_SEP.2021 21:24:06

Middle Channel / 20MHz+15MHz



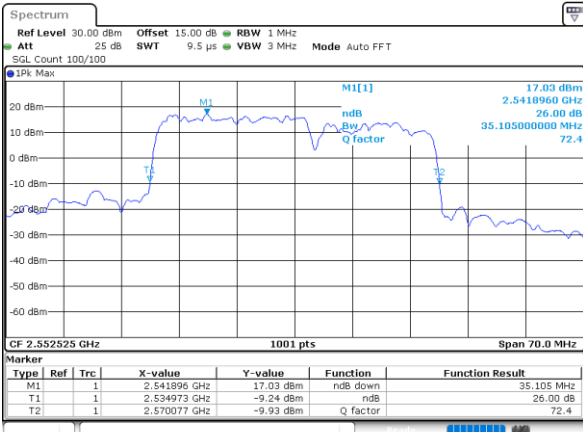
Date: 7_SEP.2021 20:36:03

Middle Channel / 20MHz+20MHz



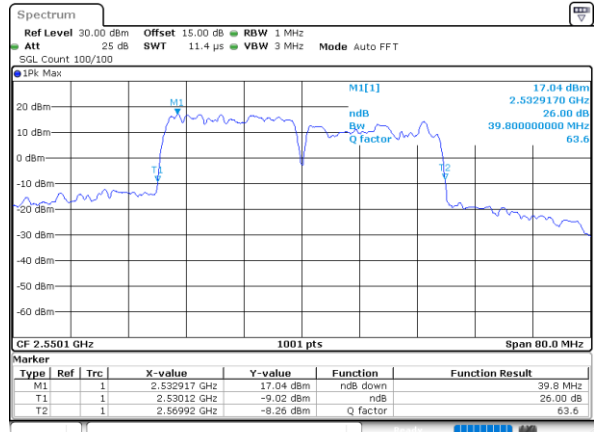
Date: 7_SEP.2021 22:13:56

Highest Channel / 20MHz+15MHz



Date: 7_SEP.2021 20:55:43

Highest Channel / 20MHz+20MHz



Date: 7_SEP.2021 22:20:49

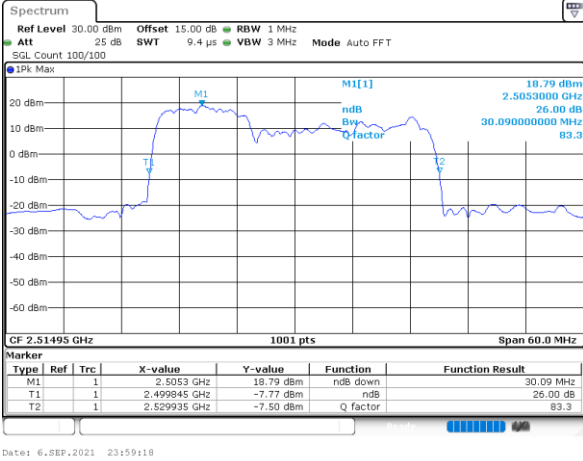


LTE Band 7C_CA

64QAM

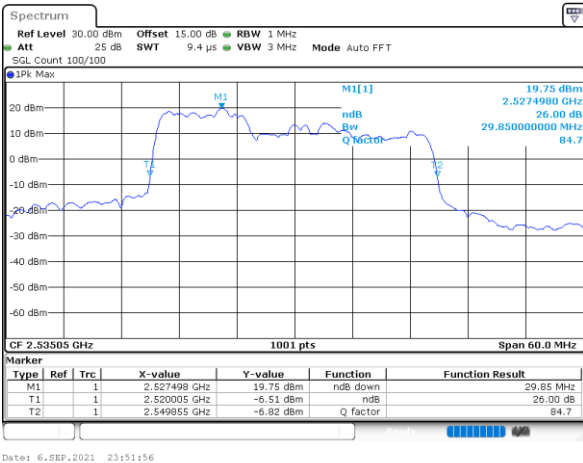
Lowest Channel / 10MHz+20MHz

NA



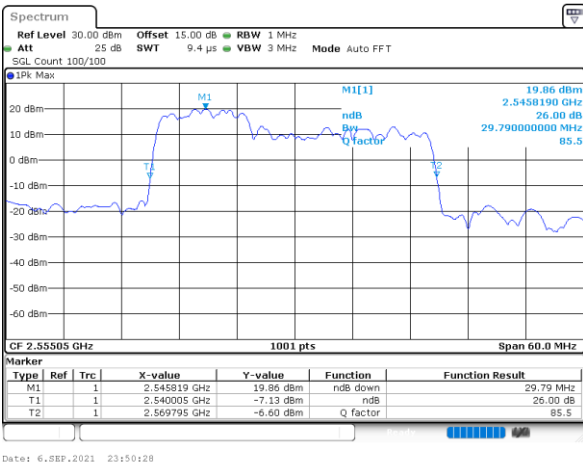
Middle Channel / 10MHz+20MHz

NA



Highest Channel / 10MHz+20MHz

NA

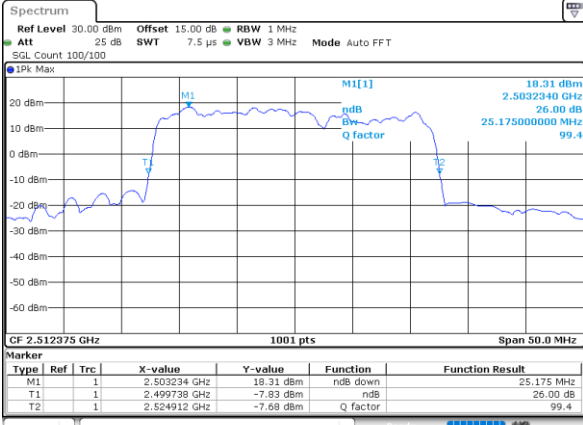




LTE Band 7C_CA

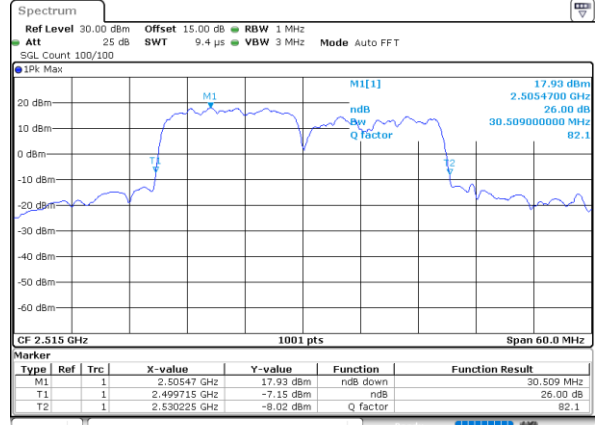
64QAM

Lowest Channel / 15MHz+10MHz



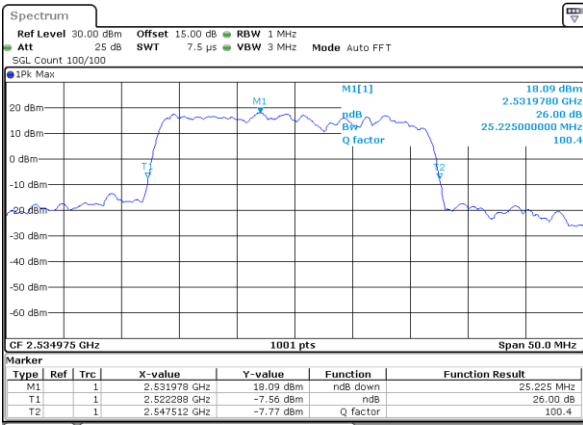
Date: 7_SEP.2021 22:13:54

Lowest Channel / 15MHz+15MHz



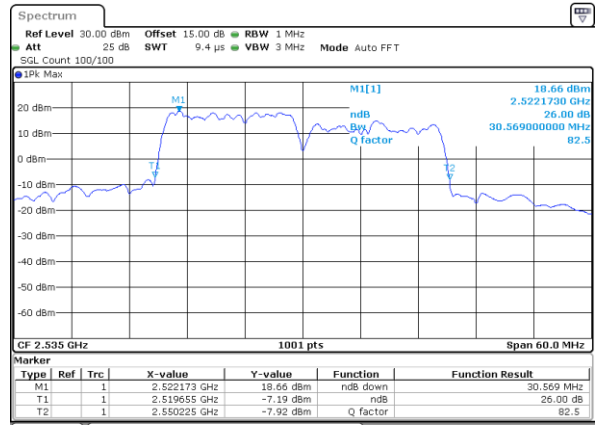
Date: 7_SEP.2021 17:59:46

Middle Channel / 15MHz+10MHz



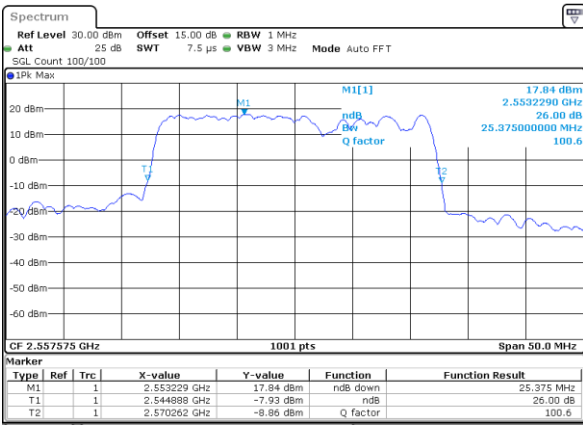
Date: 7_SEP.2021 23:13:59

Middle Channel / 15MHz+15MHz



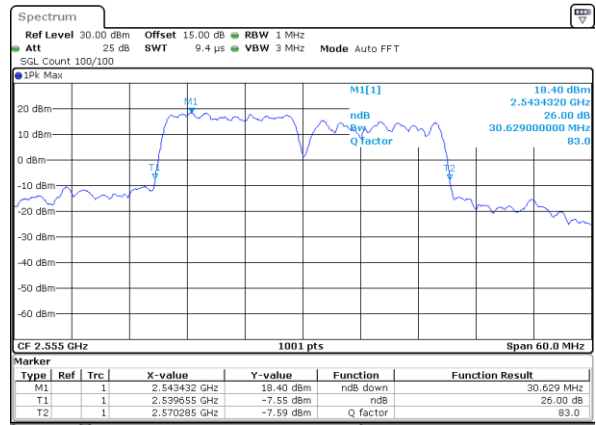
Date: 7_SEP.2021 18:29:10

Highest Channel / 15MHz+10MHz



Date: 7_SEP.2021 23:16:24

Highest Channel / 15MHz+15MHz



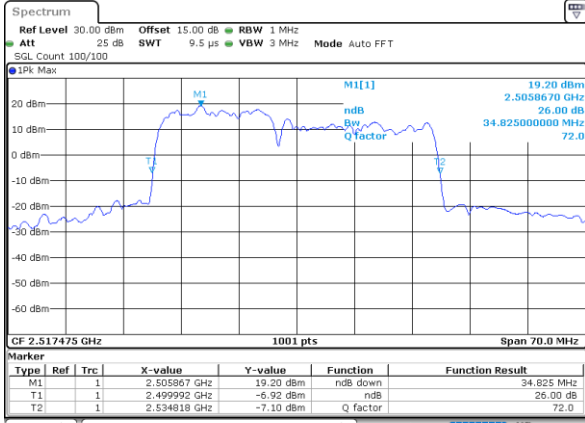
Date: 7_SEP.2021 18:30:38



LTE Band 7C_CA

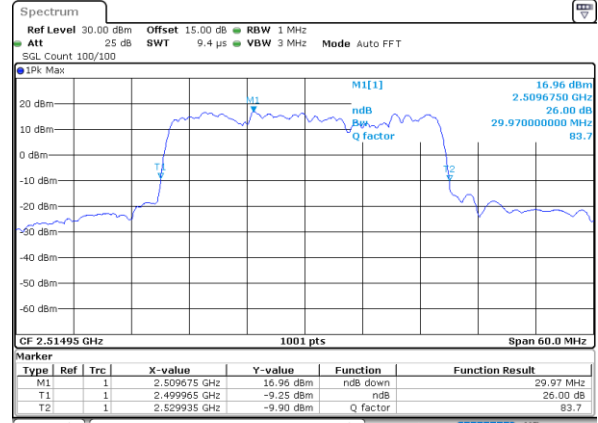
64QAM

Lowest Channel / 15MHz+20MHz



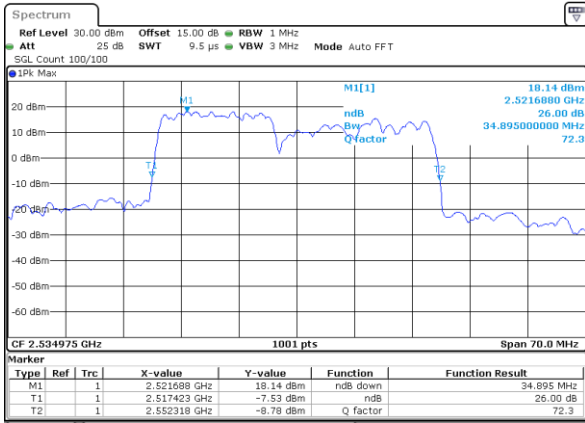
Date: 7_SEP.2021 19:00:02

Lowest Channel / 20MHz+10MHz



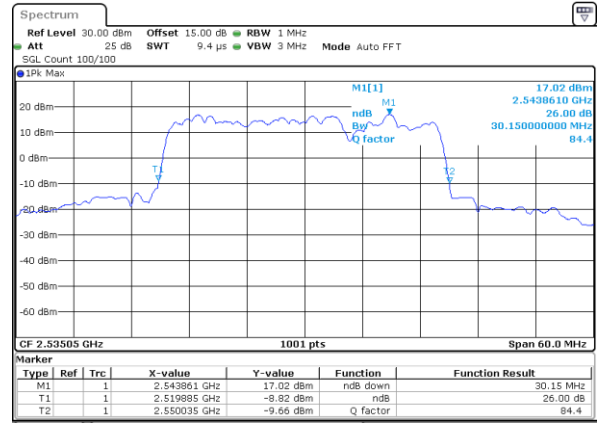
Date: 7_SEP.2021 00:02:07

Middle Channel / 15MHz+20MHz



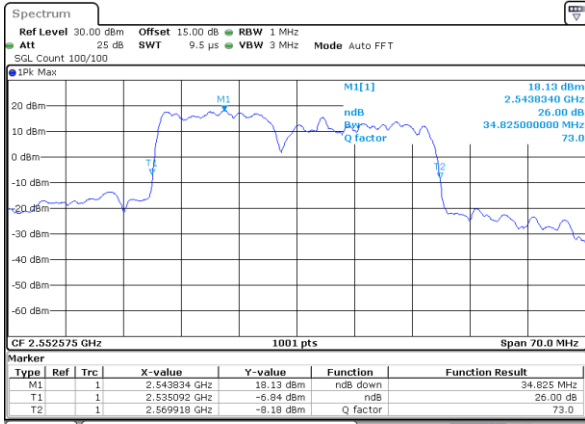
Date: 7_SEP.2021 19:25:51

Middle Channel / 20MHz+10MHz



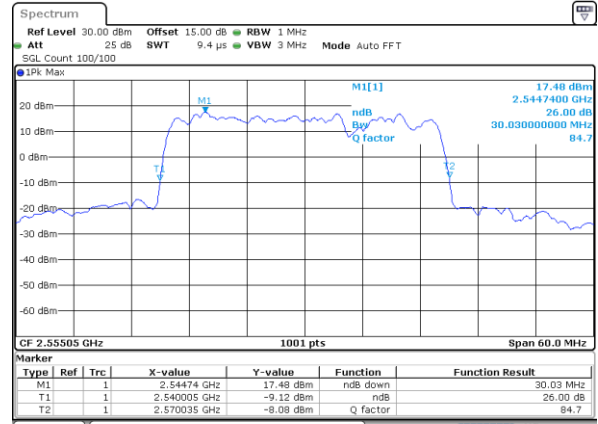
Date: 7_SEP.2021 00:36:45

Highest Channel / 15MHz+20MHz



Date: 7_SEP.2021 19:38:33

Highest Channel / 20MHz+10MHz



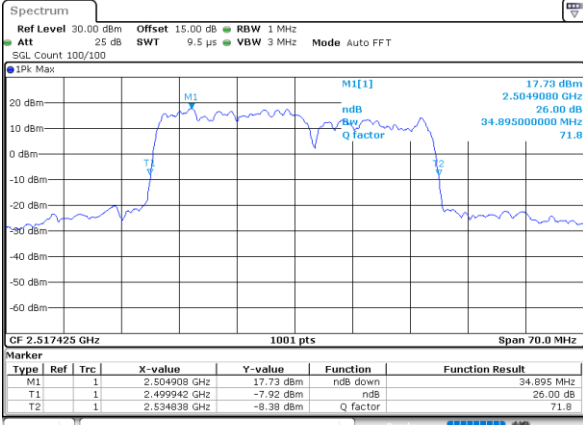
Date: 7_SEP.2021 00:39:19



LTE Band 7C_CA

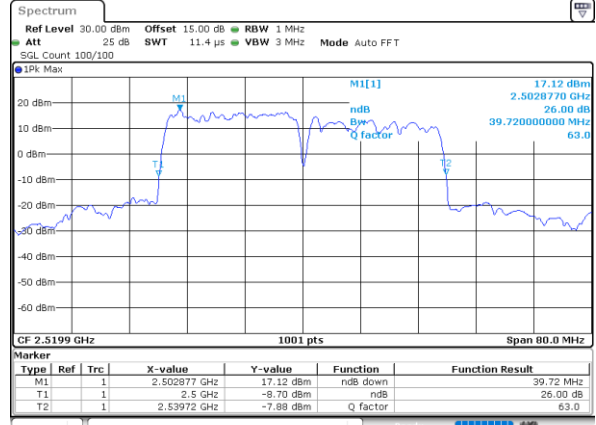
64QAM

Lowest Channel / 20MHz+15MHz



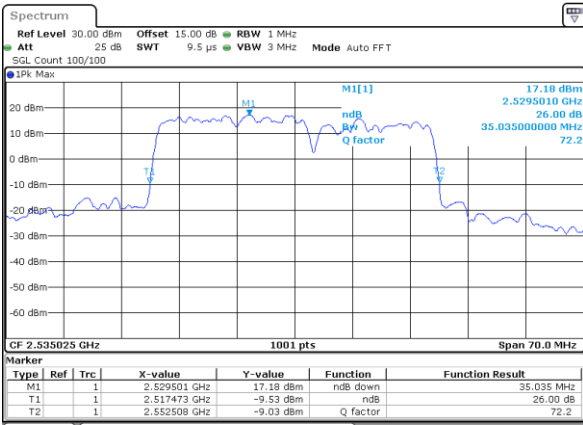
Date: 7_SEP.2021 20:05:48

Lowest Channel / 20MHz+20MHz



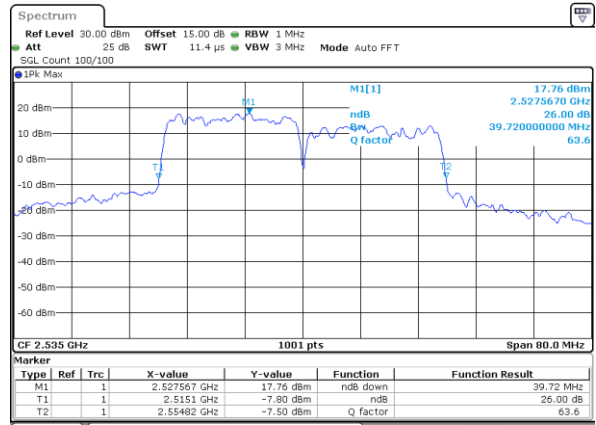
Date: 7_SEP.2021 21:26:31

Middle Channel / 20MHz+15MHz



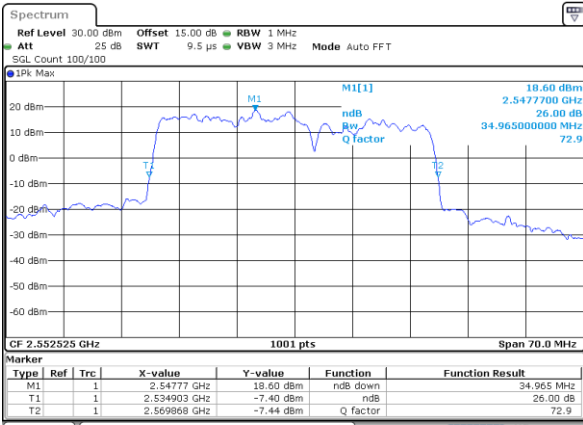
Date: 7_SEP.2021 20:38:21

Middle Channel / 20MHz+20MHz



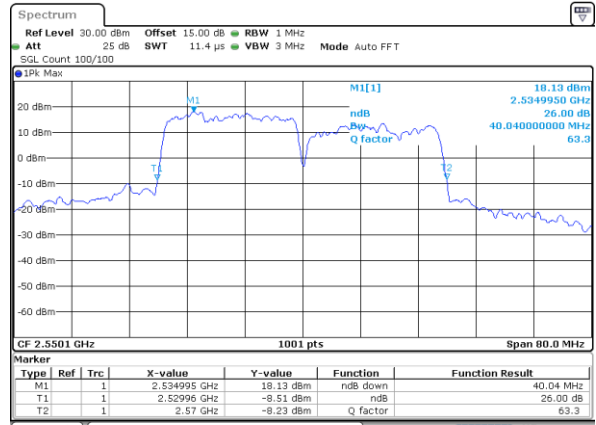
Date: 7_SEP.2021 22:12:04

Highest Channel / 20MHz+15MHz



Date: 7_SEP.2021 20:52:39

Highest Channel / 20MHz+20MHz



Date: 7_SEP.2021 22:37:43



Occupied Bandwidth

Mode	LTE Band 7C_CA : 99%OBW(MHz)			
QPSK				
BW	10MHz+20MHz	15MHz+5MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	28.05	-	23.48	28.41
Middle CH	27.87	-	23.43	28.47
Highest CH	27.99	-	23.73	28.47
BW	15MHz+20MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	32.59	28.05	32.87	37.80
Middle CH	32.94	27.93	32.80	37.64
Highest CH	32.59	27.87	32.80	37.40

Mode	LTE Band 7C_CA : 99%OBW(MHz)			
16QAM				
BW	10MHz+20MHz	15MHz+5MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	27.75	-	23.33	28.65
Middle CH	27.93	-	23.33	28.47
Highest CH	27.93	-	23.48	28.47
BW	15MHz+20MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	32.80	28.11	32.94	37.72
Middle CH	32.59	27.99	32.80	37.56
Highest CH	33.01	27.99	32.73	37.96

Mode	LTE Band 7C_CA : 99%OBW(MHz)			
64QAM				
BW	10MHz+20MHz	15MHz+5MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	27.93	-	23.63	28.53
Middle CH	27.81	-	23.28	28.65
Highest CH	27.75	-	23.38	28.65
BW	15MHz+20MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	32.80	27.93	32.80	37.88
Middle CH	32.94	27.87	32.94	37.32
Highest CH	32.66	27.99	32.73	37.40

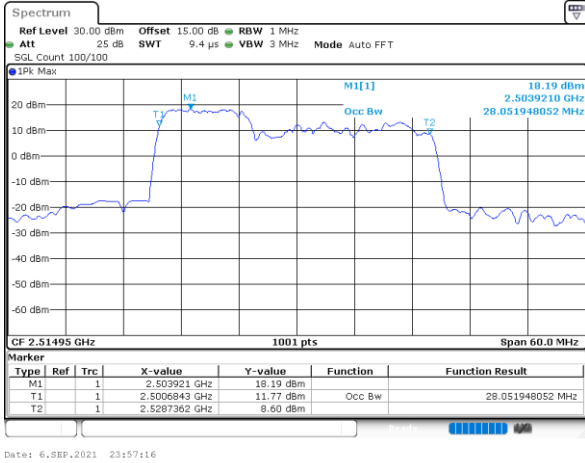


LTE Band 7C_CA

QPSK

Lowest Channel / 10MHz+20MHz

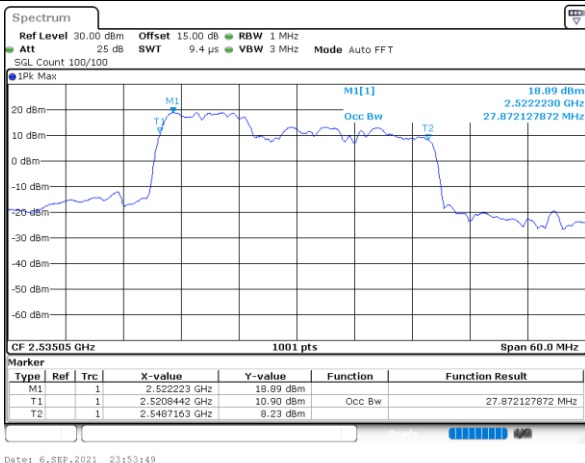
NA



Date: 6_SEP_2021 23:57:16

Middle Channel / 10MHz+20MHz

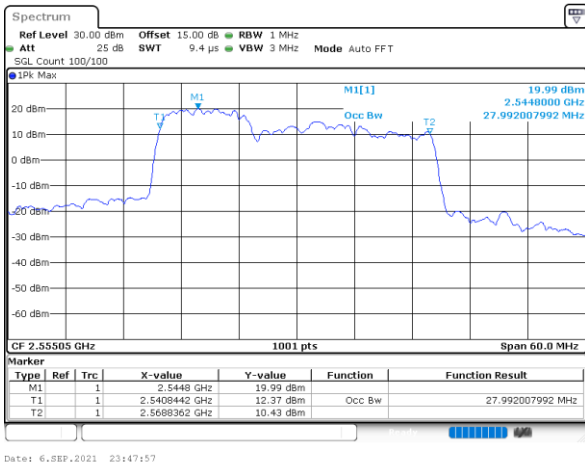
NA



Date: 6_SEP_2021 23:53:49

Highest Channel / 10MHz+20MHz

NA



Date: 6_SEP_2021 23:47:57