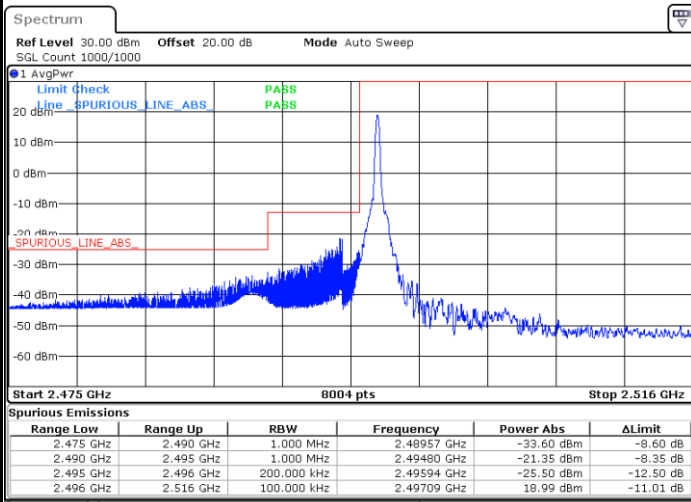




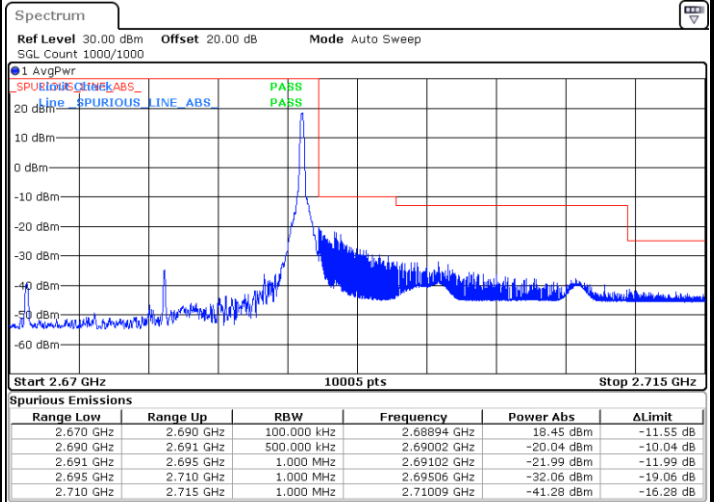
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



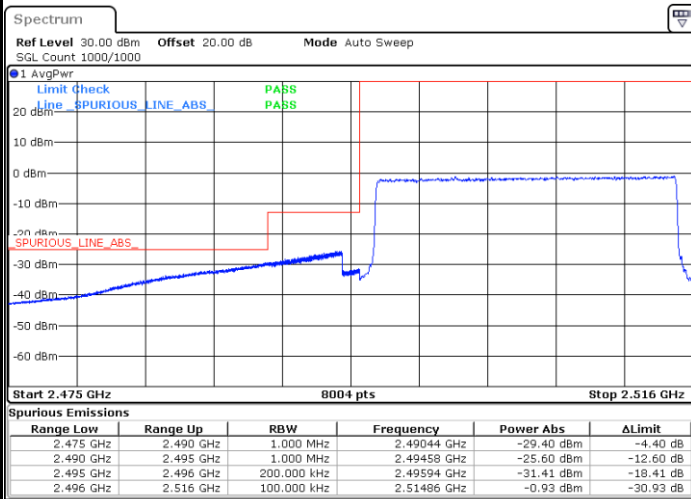
Date: 28.APR.2022 11:48:59

Highest Band Edge / 1 RB



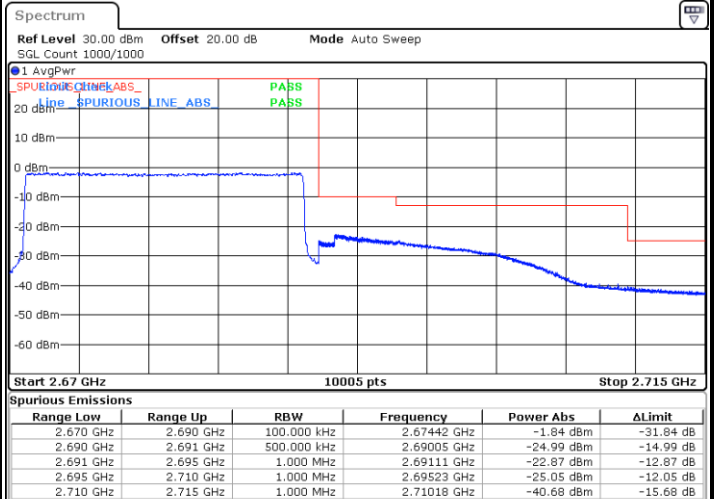
Date: 28.APR.2022 11:56:48

Lowest Band Edge / Full RB



Date: 28.APR.2022 11:52:54

Highest Band Edge / Full RB

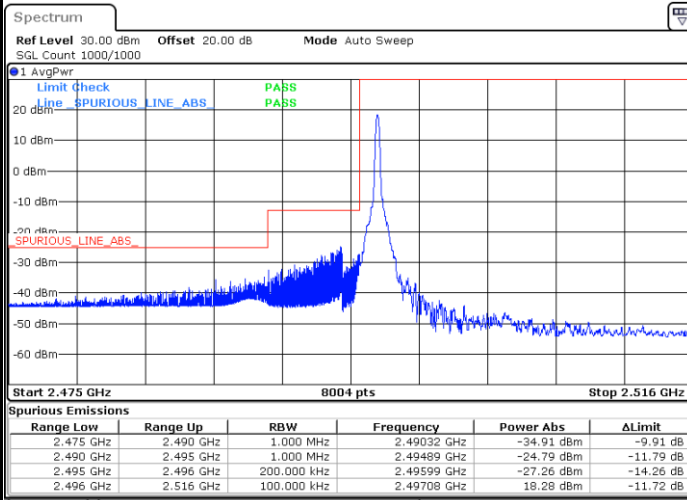


Date: 28.APR.2022 11:58:45



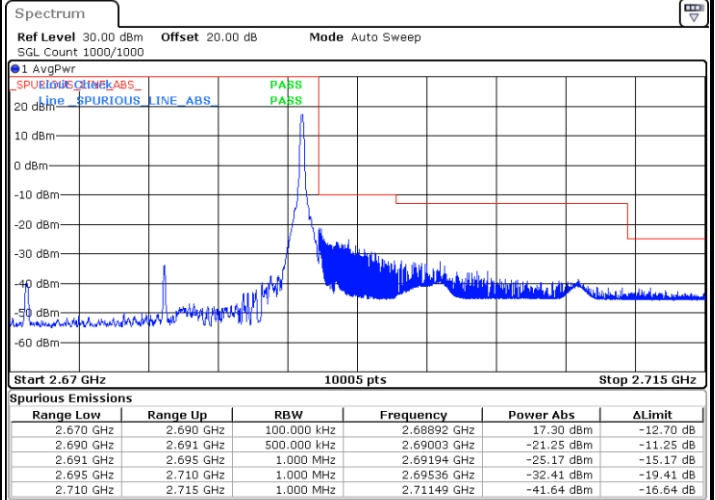
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



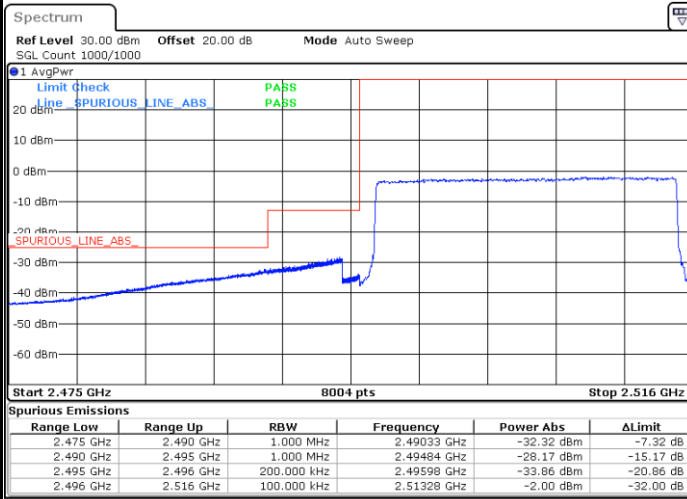
Date: 28.APR.2022 13:01:04

Highest Band Edge / 1 RB



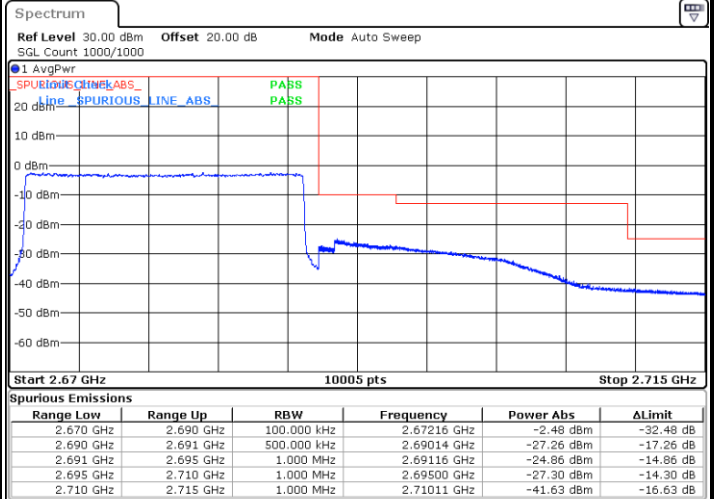
Date: 28.APR.2022 13:04:58

Lowest Band Edge / Full RB



Date: 28.APR.2022 13:03:01

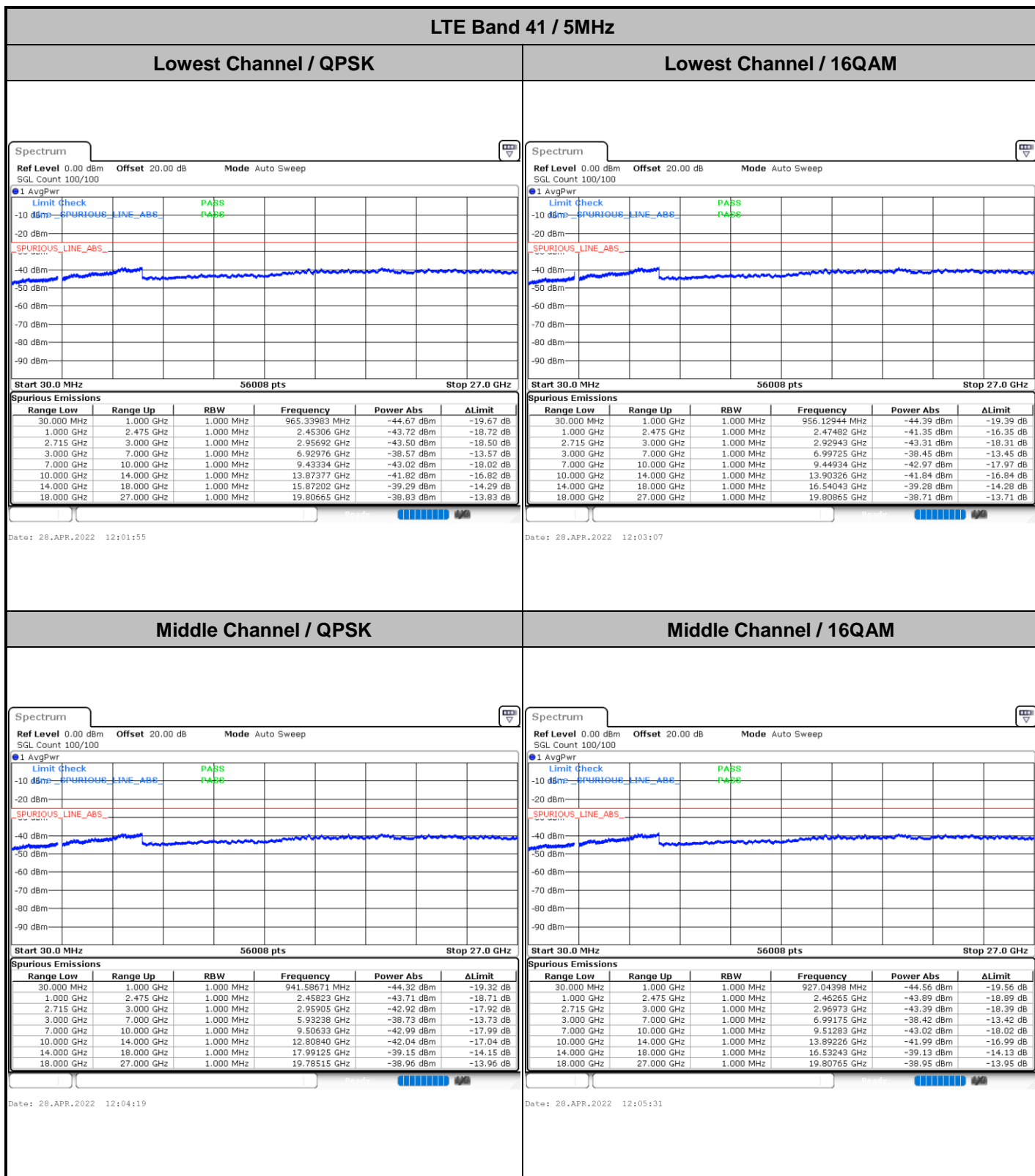
Highest Band Edge / Full RB



Date: 28.APR.2022 13:06:55



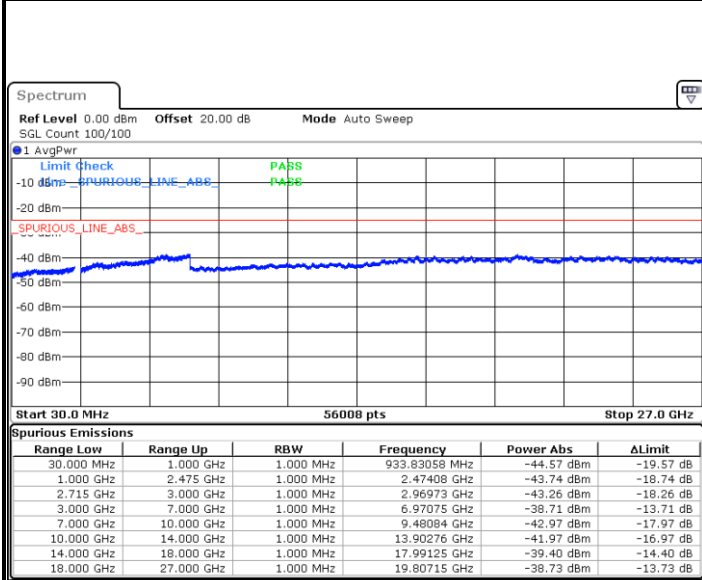
Conducted Spurious Emission





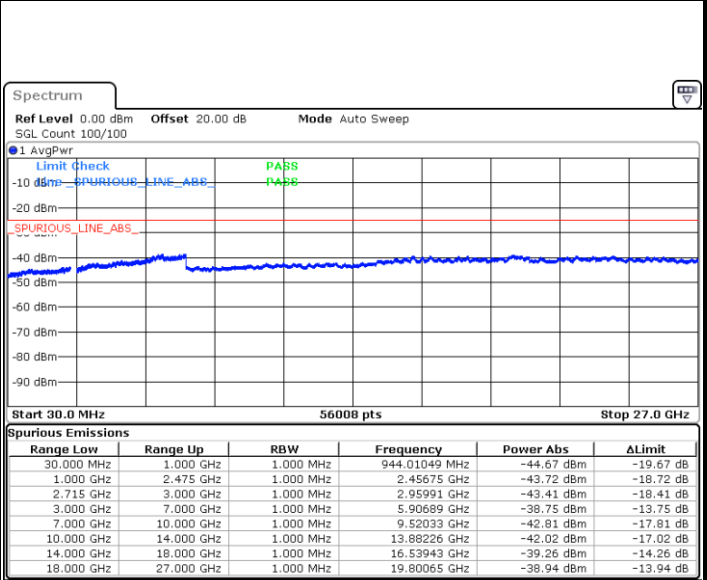
LTE Band 41 / 5MHz

Highest Channel / QPSK



Date: 28.APR.2022 12:06:44

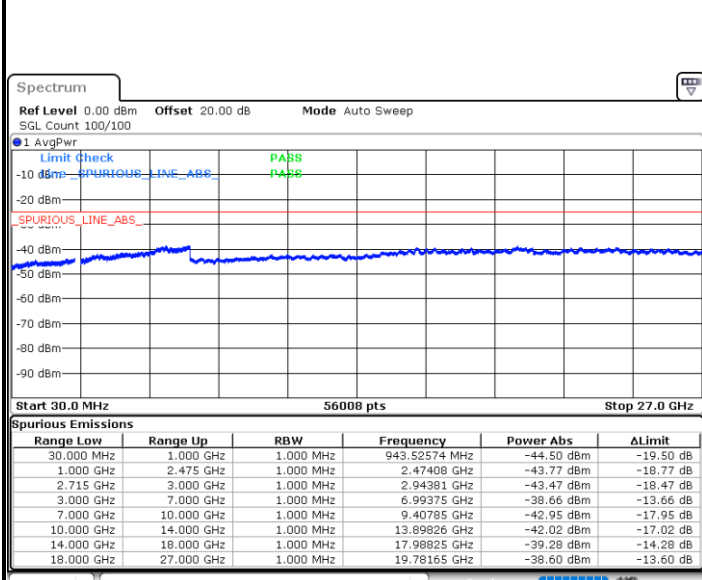
Highest Channel / 16QAM



Date: 28.APR.2022 12:07:56

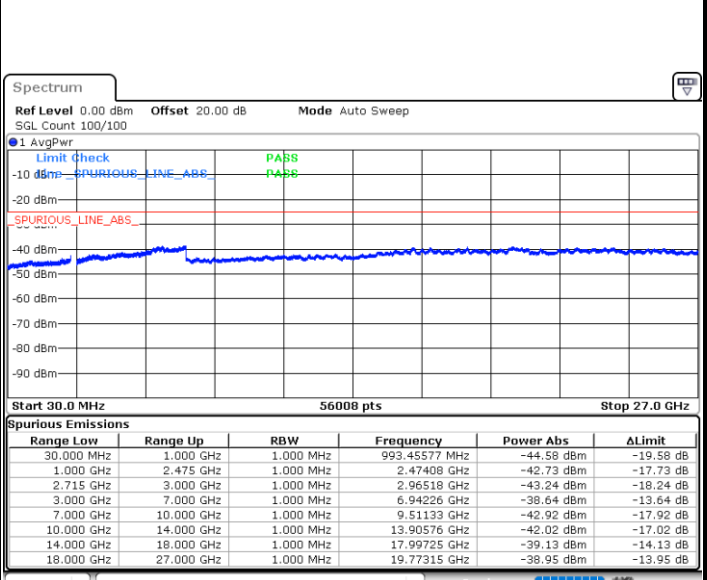
LTE Band 41 / 10MHz

Lowest Channel / QPSK



Date: 28.APR.2022 12:09:09

Lowest Channel / 16QAM



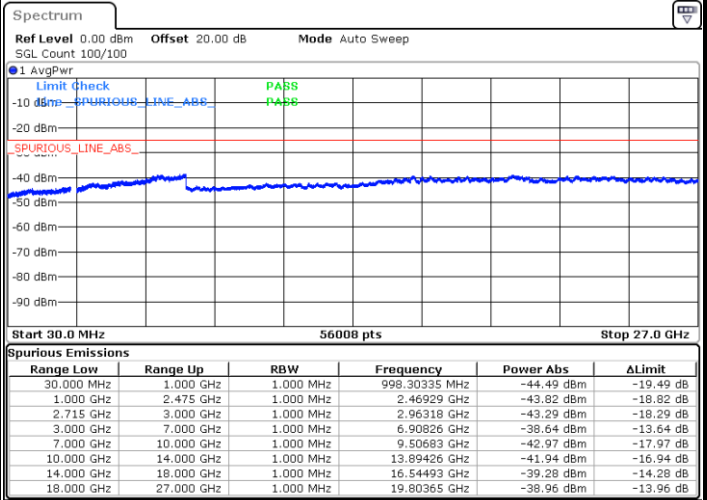
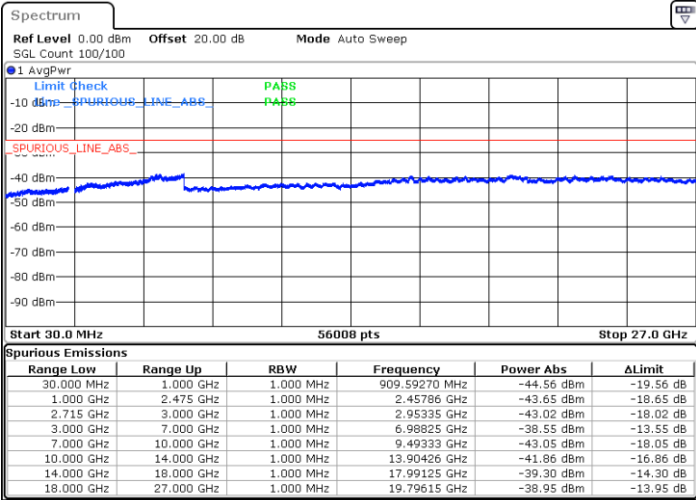
Date: 28.APR.2022 12:10:21



LTE Band 41 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

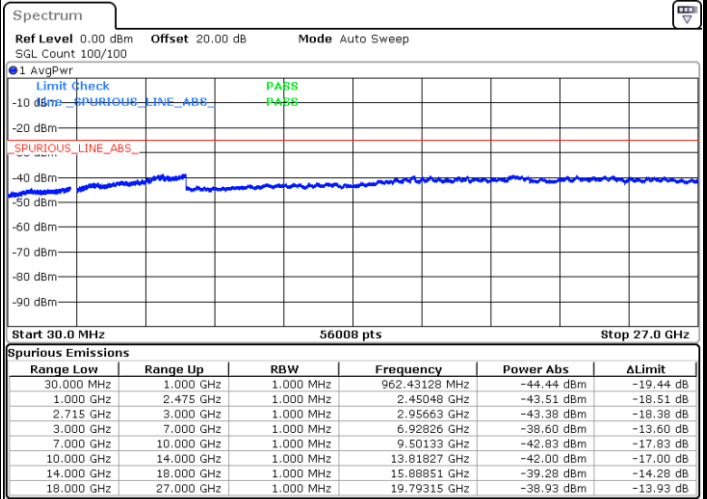
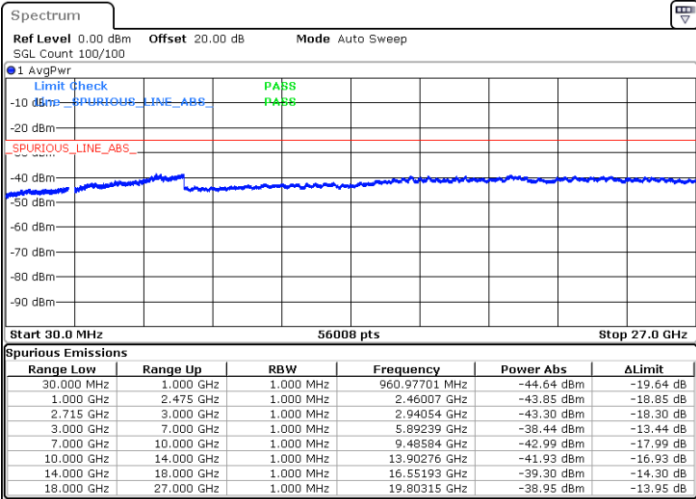


Date: 28.APR.2022 12:11:33

Date: 28.APR.2022 12:12:45

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 28.APR.2022 12:13:57

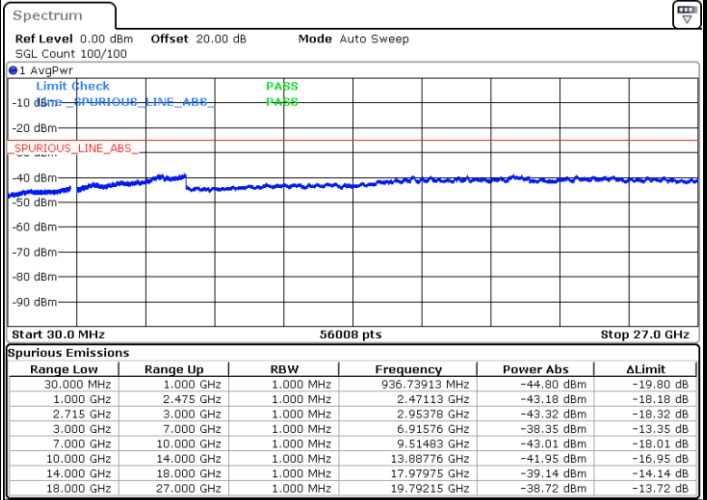
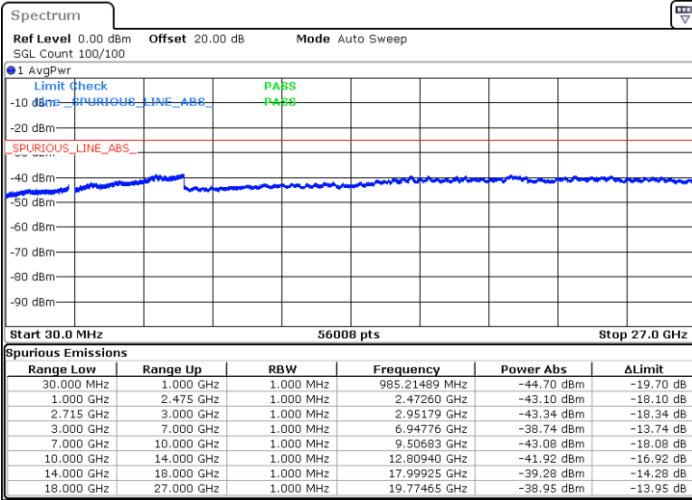
Date: 28.APR.2022 12:15:10



LTE Band 41 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

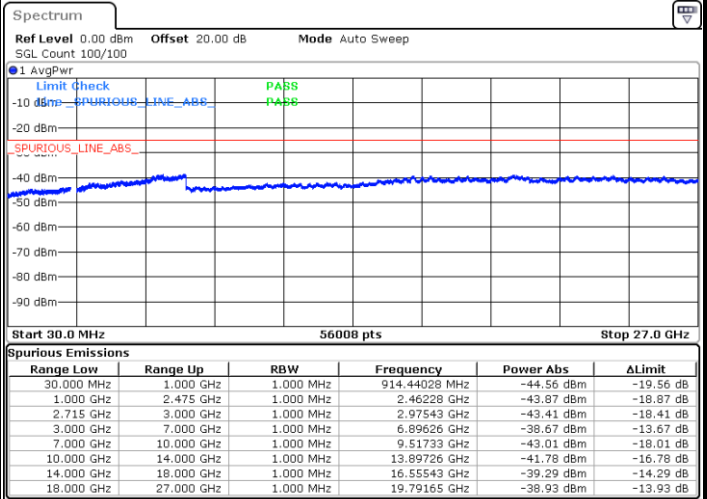
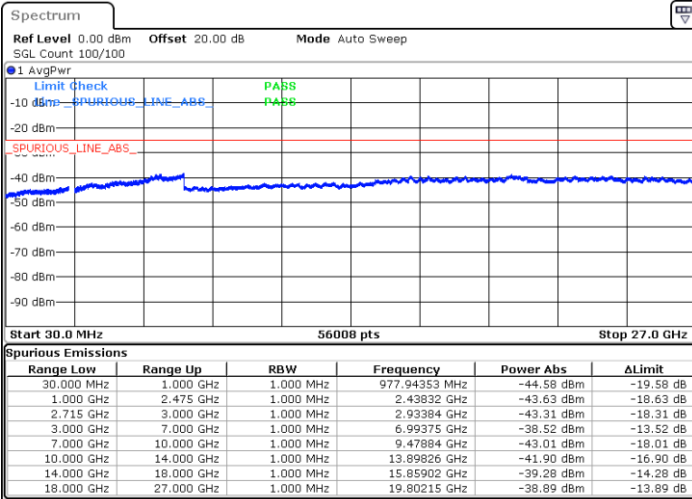


Date: 28.APR.2022 12:22:05

Date: 28.APR.2022 12:23:18

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 28.APR.2022 12:24:30

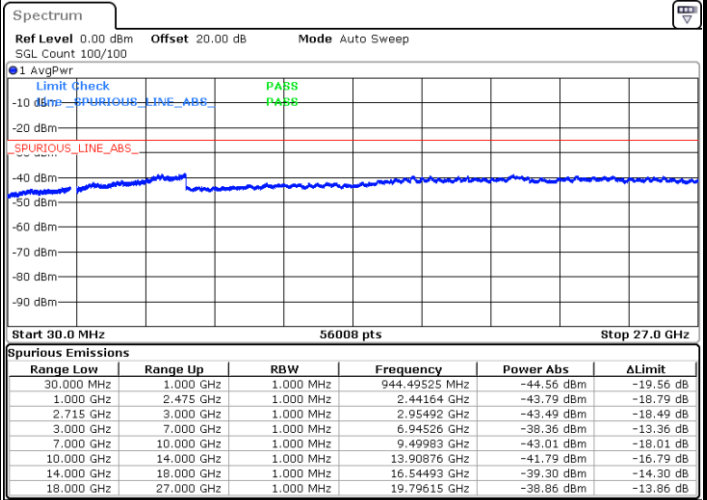
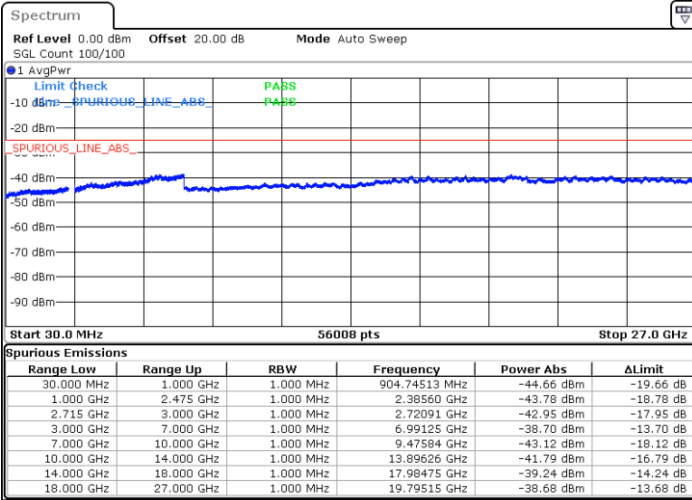
Date: 28.APR.2022 12:25:42



LTE Band 41 / 15MHz

Highest Channel / QPSK

Highest Channel / 16QAM



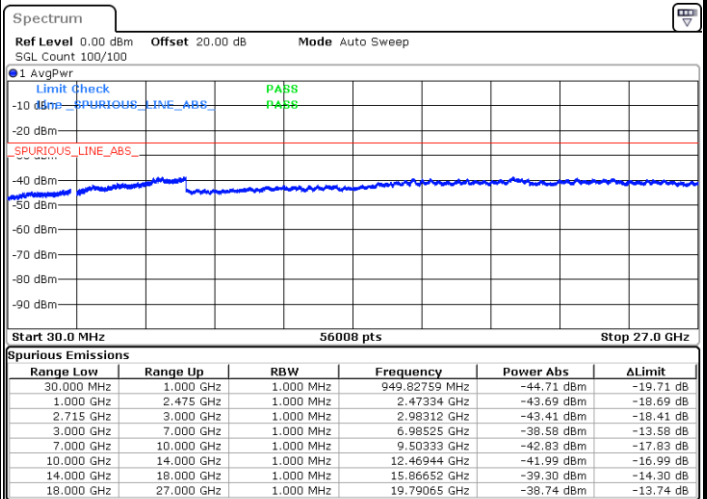
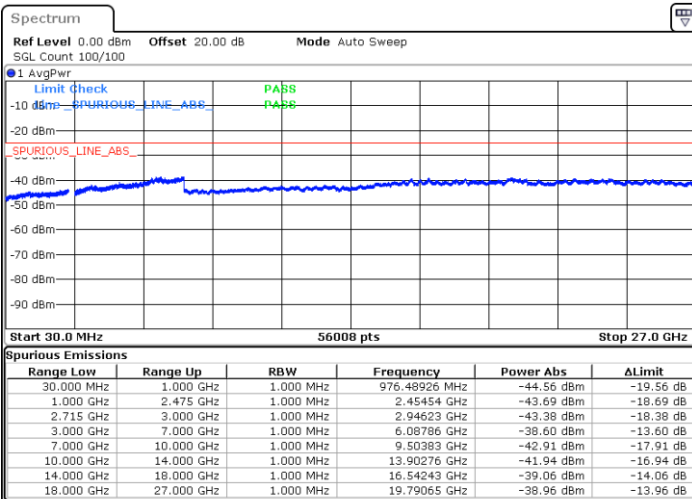
Date: 28.APR.2022 12:26:54

Date: 28.APR.2022 12:28:06

LTE Band 41 / 20MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 28.APR.2022 12:29:19

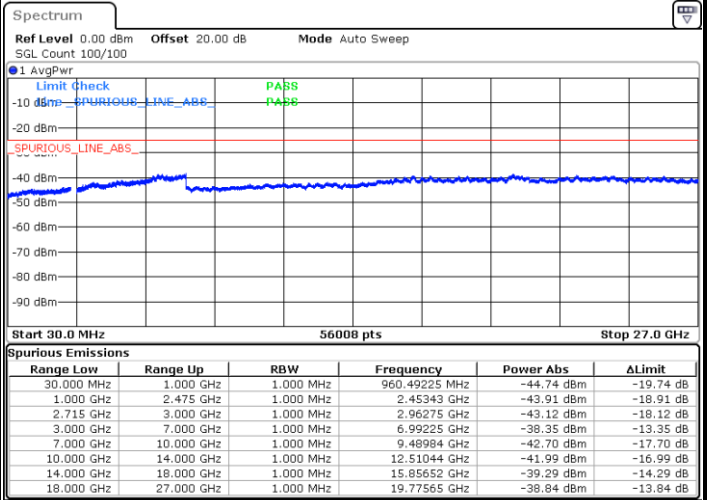
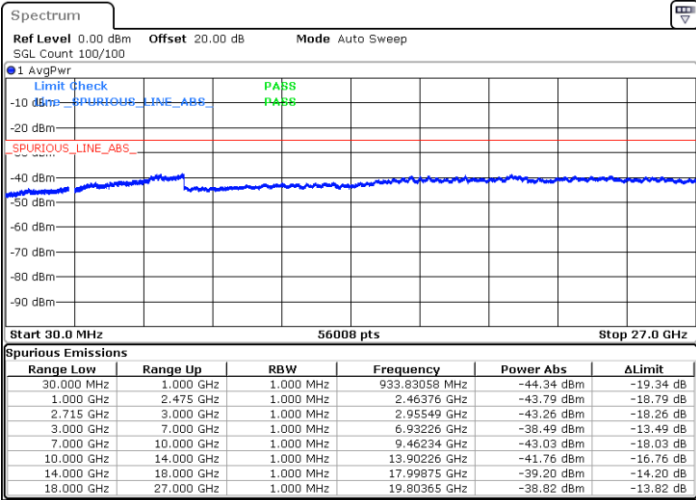
Date: 28.APR.2022 12:30:32



LTE Band 41 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

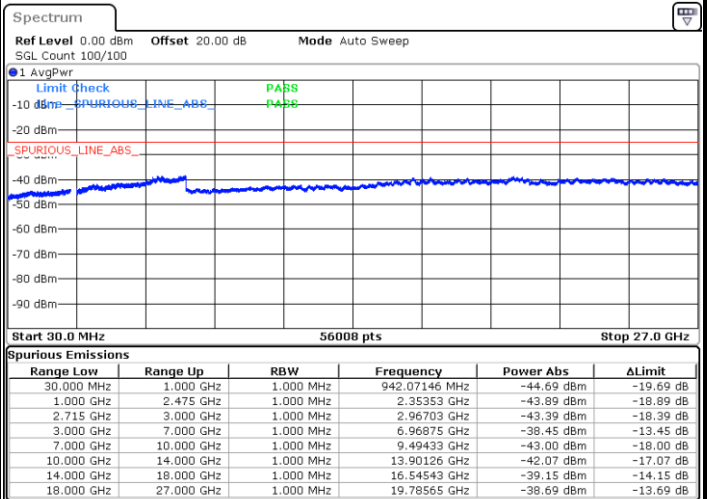
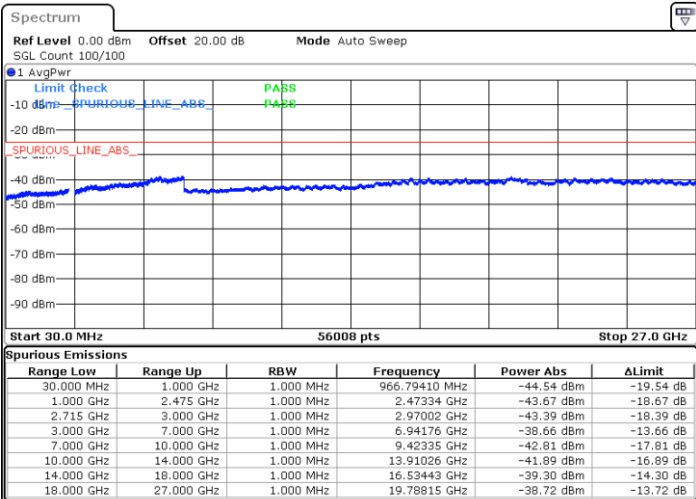


Date: 28.APR.2022 12:31:44

Date: 28.APR.2022 12:32:56

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 28.APR.2022 12:34:08

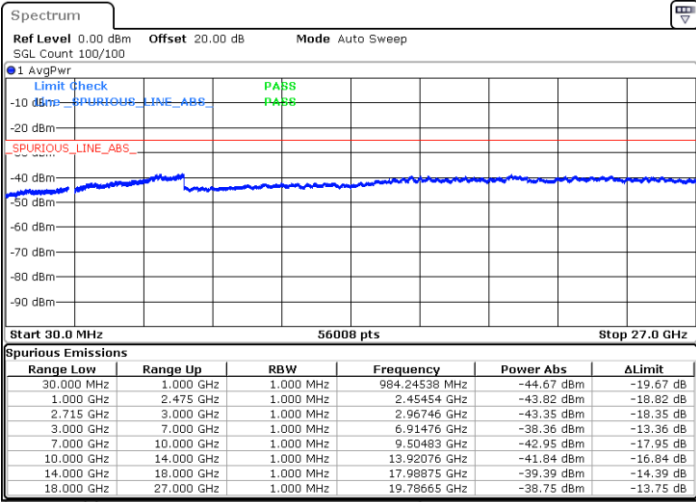
Date: 28.APR.2022 12:35:21



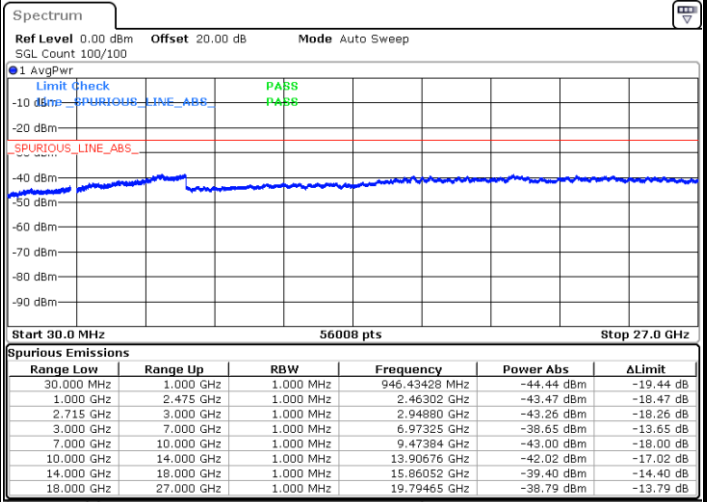
LTE Band 41 / 5MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

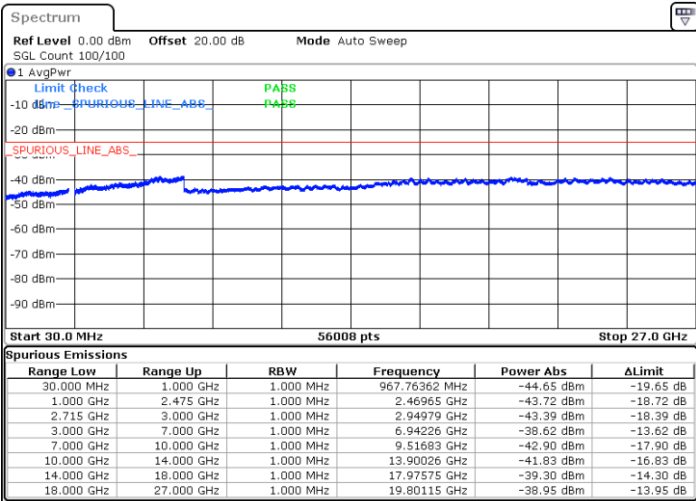


Date: 28.APR.2022 13:08:08



Date: 28.APR.2022 13:09:20

Highest Channel / 64QAM



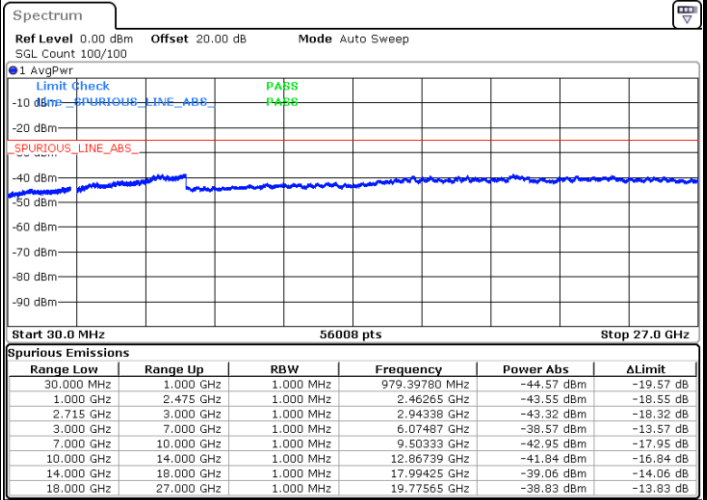
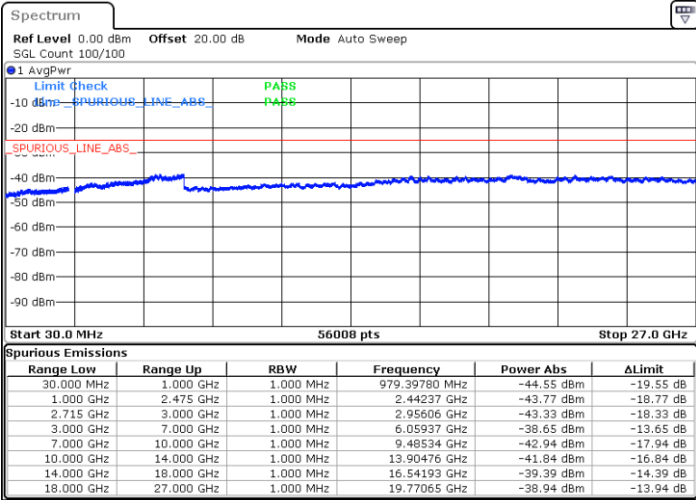
Date: 28.APR.2022 13:10:32



LTE Band 41 / 10MHz

Lowest Channel / 64QAM

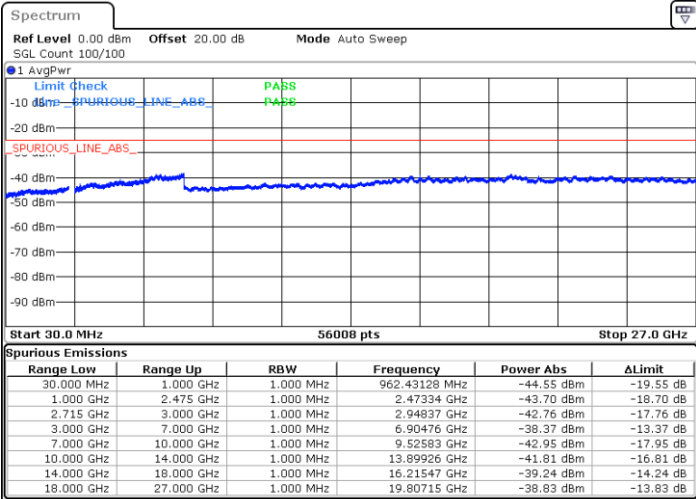
Middle Channel / 64QAM



Date: 28.APR.2022 13:11:44

Date: 28.APR.2022 13:12:56

Highest Channel / 64QAM



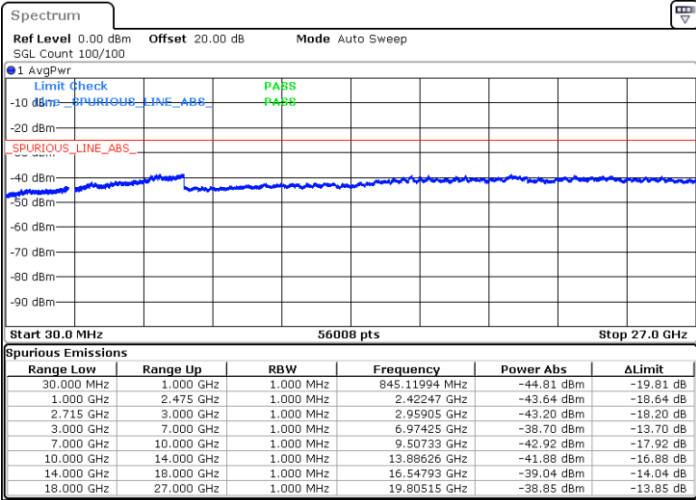
Date: 28.APR.2022 13:14:08



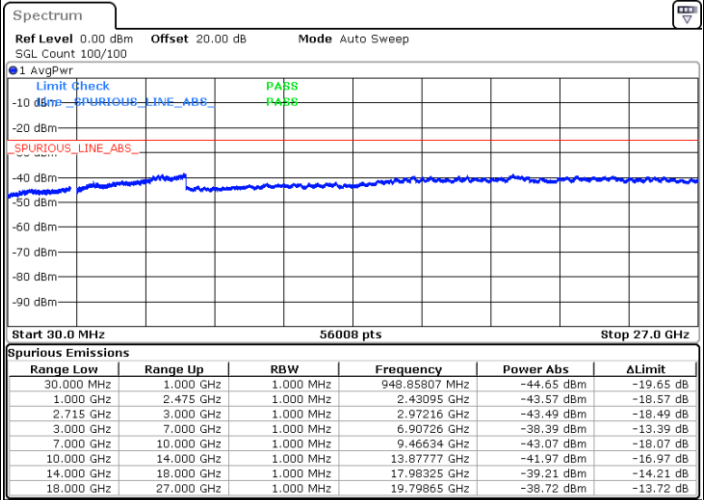
LTE Band 41 / 15MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

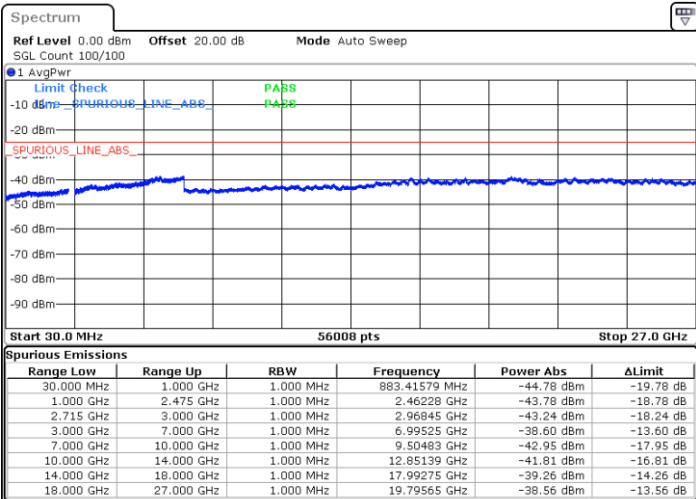


Date: 28.APR.2022 13:15:21



Date: 28.APR.2022 13:16:33

Highest Channel / 64QAM



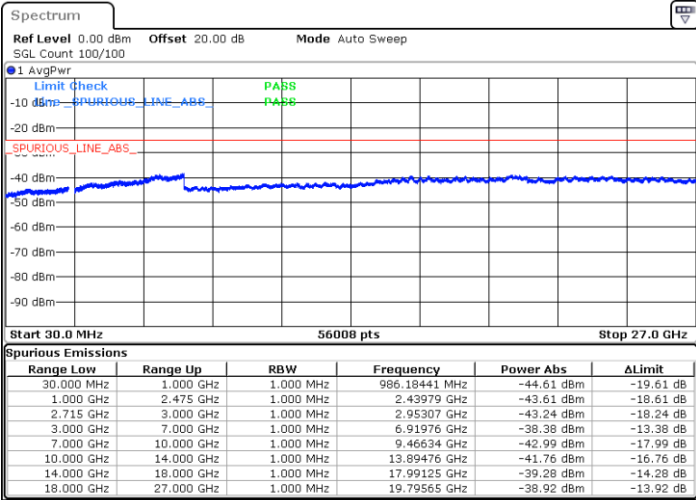
Date: 28.APR.2022 13:17:46



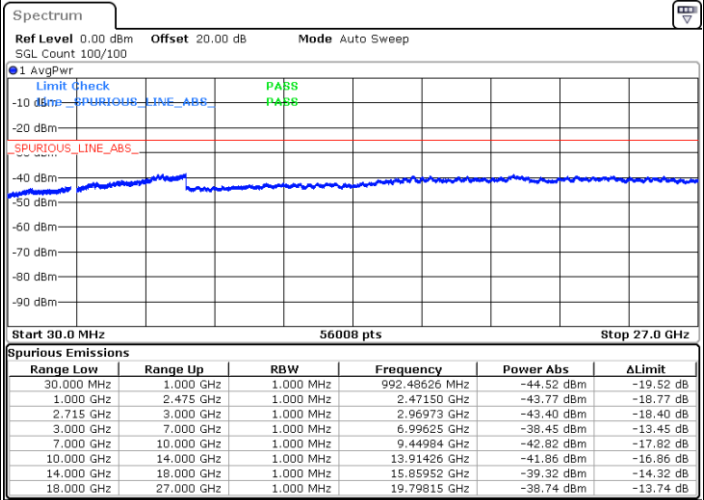
LTE Band 41 / 20MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

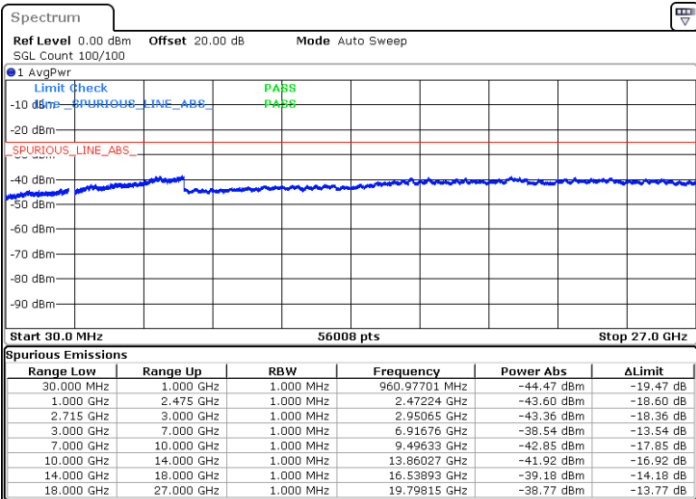


Date: 28.APR.2022 13:18:59



Date: 28.APR.2022 13:20:11

Highest Channel / 64QAM



Date: 28.APR.2022 13:21:23



Frequency Stability

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0011	PASS
40	Normal Voltage	0.0020	
30	Normal Voltage	0.0007	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0030	
0	Normal Voltage	0.0044	
-10	Normal Voltage	0.0029	
20	Maximum Voltage	0.0018	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0032	

Note:

1. Normal Voltage =3.89 V. ; Battery End Point (BEP) =3.65 V. ; Maximum Voltage =4.35 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 7C

26dB Bandwidth

Mode	LTE Band 7C : 26dB BW(MHz)			
QPSK				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Lowest CH	29.91	25.23	30.45	34.76
Middle CH	29.91	25.28	30.63	34.83
Highest CH	29.97	25.33	30.57	34.83
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	30.15	35.18	39.72	-
Middle CH	29.97	34.90	39.88	-
Highest CH	29.97	34.83	39.80	-

Mode	LTE Band 7C : 26dB BW(MHz)			
16QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Lowest CH	29.97	25.18	30.57	34.76
Middle CH	29.91	25.18	30.45	35.04
Highest CH	29.67	25.13	30.45	34.97
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	29.97	35.32	39.88	-
Middle CH	29.97	35.04	39.88	-
Highest CH	30.09	34.97	39.96	-

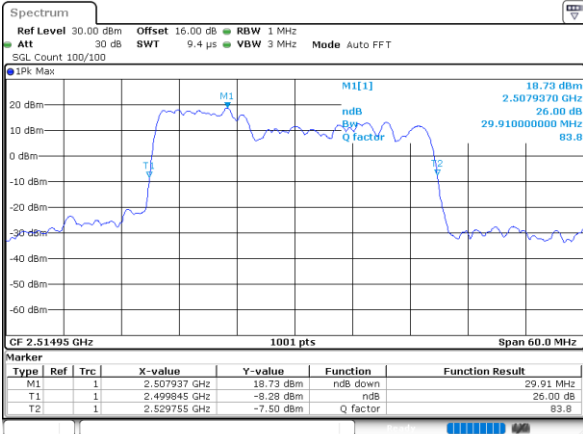
Mode	LTE Band 7C : 26dB BW(MHz)			
64QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Lowest CH	29.91	25.33	30.45	34.76
Middle CH	29.85	25.33	30.51	34.83
Highest CH	29.91	25.28	30.45	34.76
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	29.97	34.90	39.88	-
Middle CH	30.09	35.04	39.80	-
Highest CH	30.21	35.04	39.56	-



LTE Band 7C

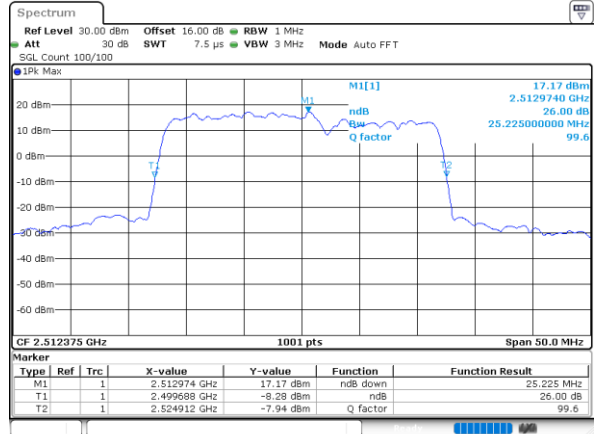
QPSK

Lowest Channel / 10MHz+20MHz



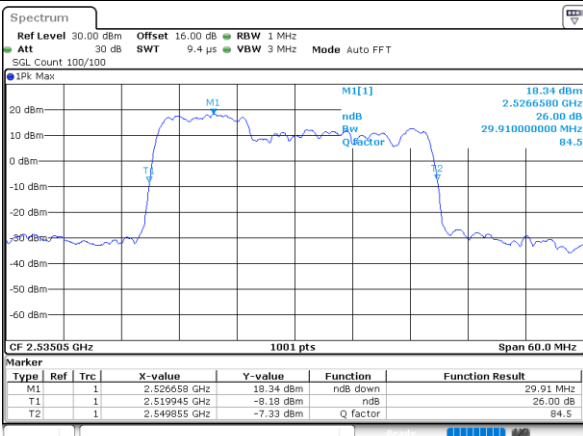
Date: 1.MAY.2022 14:23:06

Lowest Channel / 15MHz+10MHz



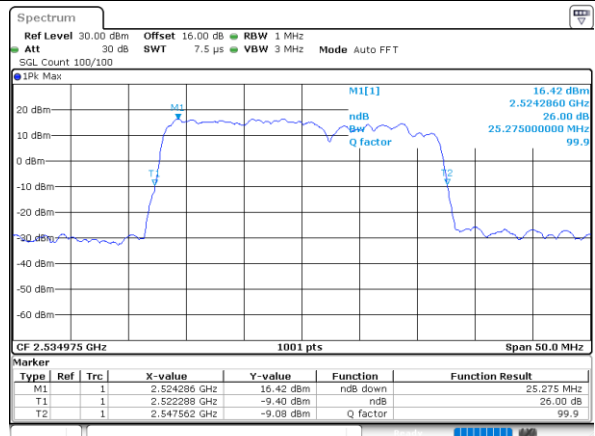
Date: 1.MAY.2022 21:37:44

Middle Channel / 10MHz+20MHz



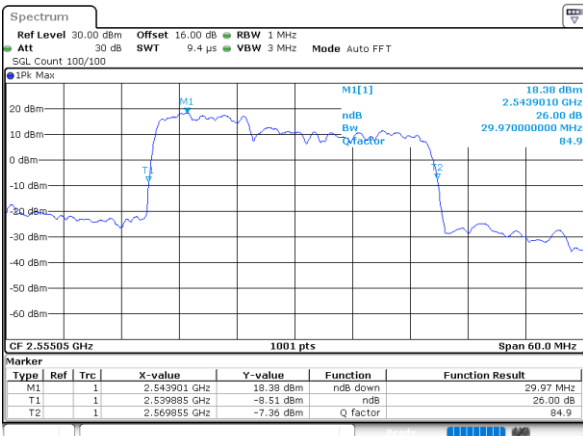
Date: 1.MAY.2022 14:51:34

Middle Channel / 15MHz+10MHz



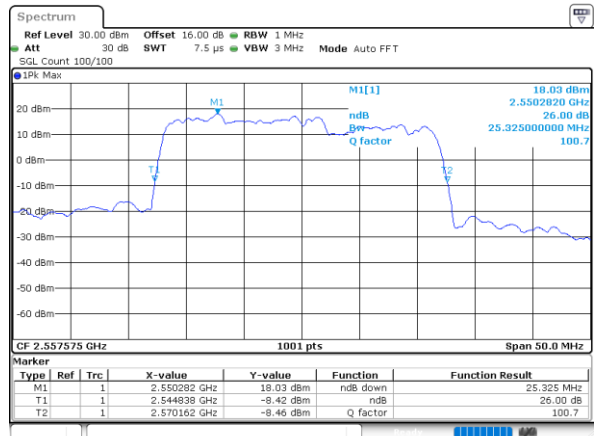
Date: 1.MAY.2022 22:06:14

Highest Channel / 10MHz+20MHz



Date: 1.MAY.2022 15:05:11

Highest Channel / 15MHz+10MHz



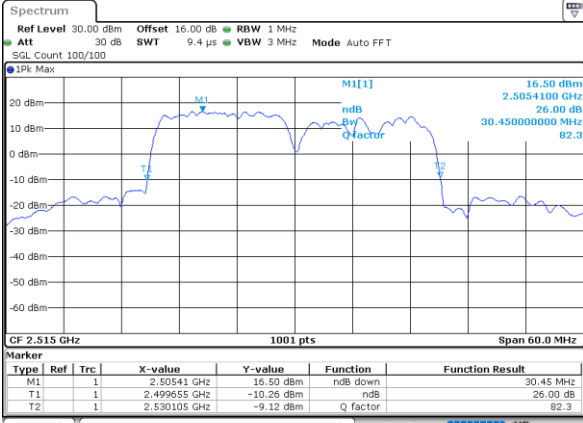
Date: 1.MAY.2022 22:19:52



LTE Band 7C

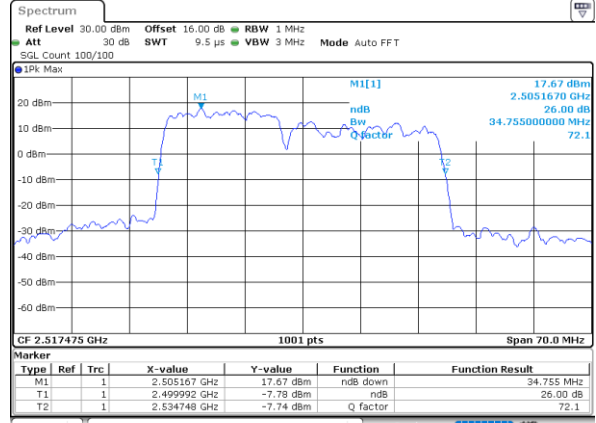
QPSK

Lowest Channel / 15MHz+15MHz



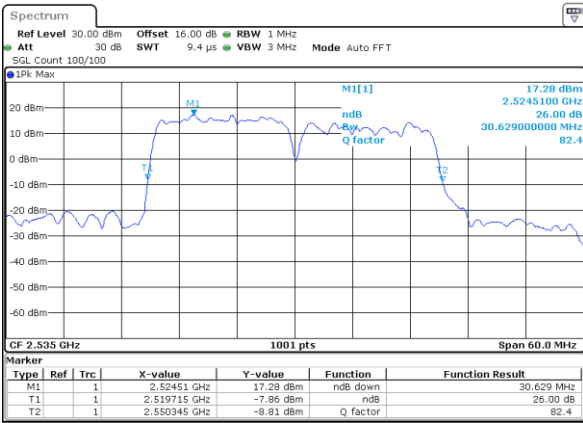
Date: 1.MAY.2022 16:46:32

Lowest Channel / 15MHz+20MHz



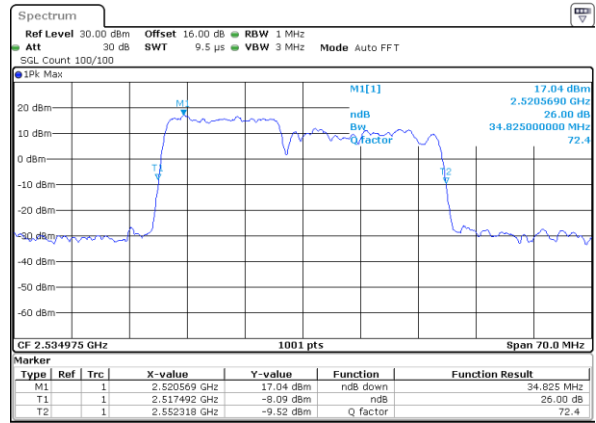
Date: 1.MAY.2022 17:58:16

Middle Channel / 15MHz+15MHz



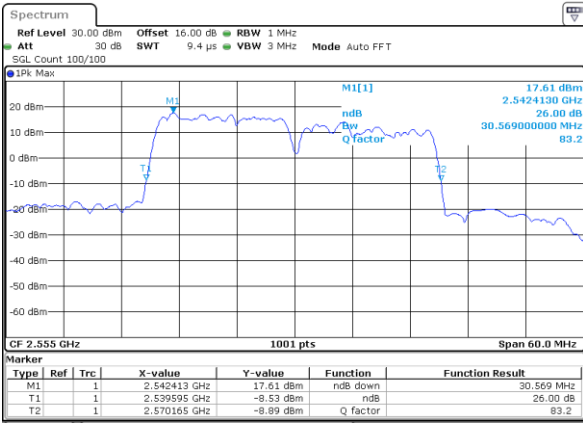
Date: 1.MAY.2022 17:15:03

Middle Channel / 15MHz+20MHz



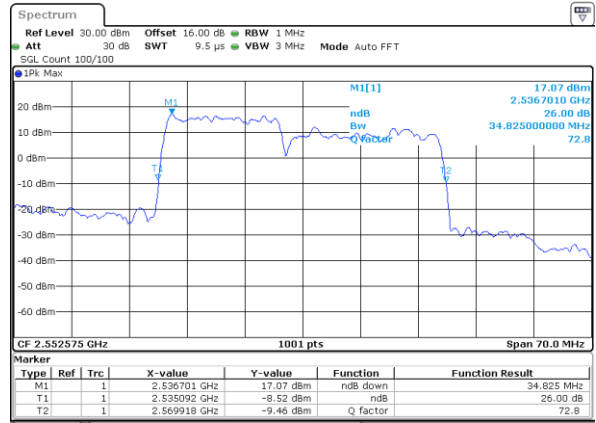
Date: 1.MAY.2022 18:26:47

Highest Channel / 15MHz+15MHz



Date: 1.MAY.2022 17:28:41

Highest Channel / 15MHz+20MHz



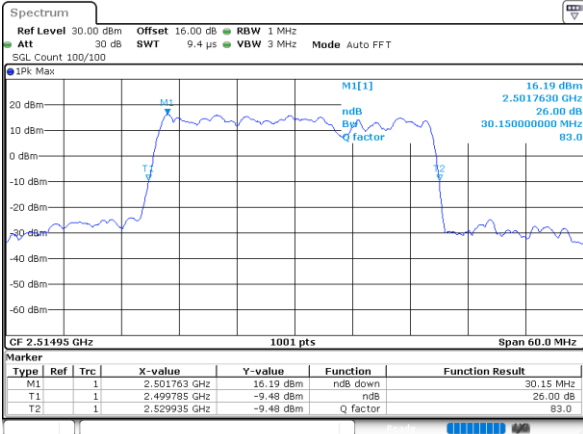
Date: 1.MAY.2022 18:40:24



LTE Band 7C

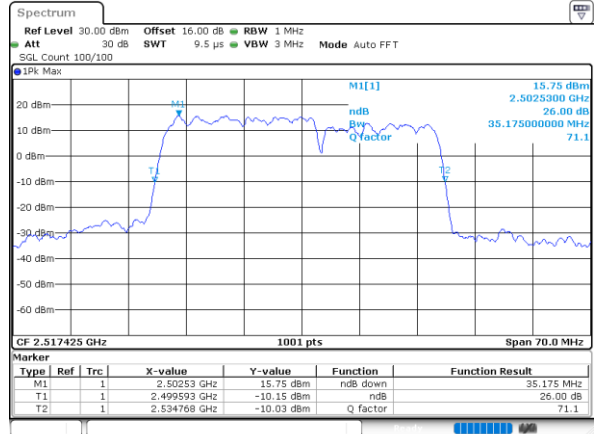
QPSK

Lowest Channel / 20MHz+10MHz



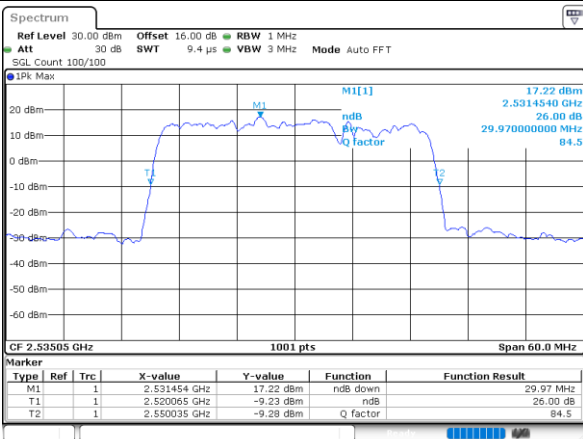
Date: 1.MAY.2022 15:34:46

Lowest Channel / 20MHz+15MHz



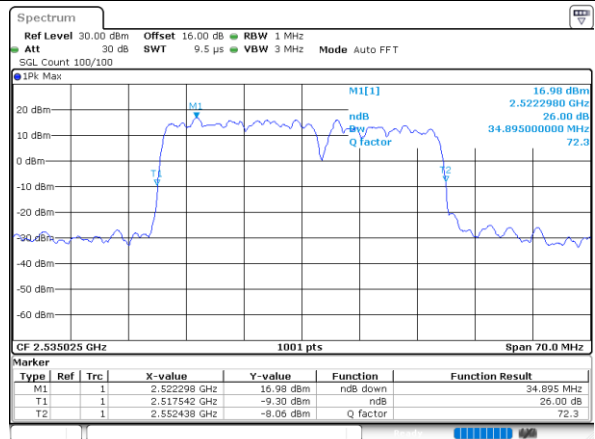
Date: 1.MAY.2022 19:09:56

Middle Channel / 20MHz+10MHz



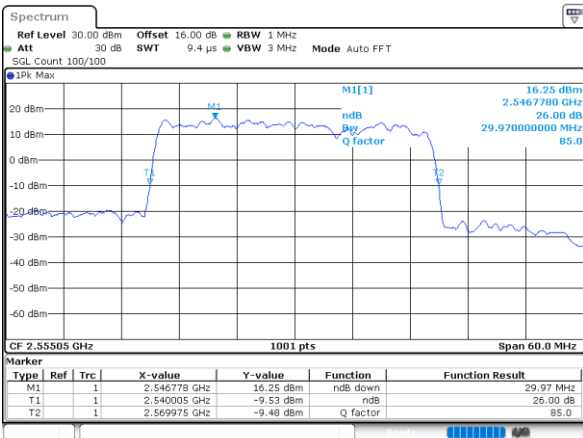
Date: 1.MAY.2022 16:03:15

Middle Channel / 20MHz+15MHz



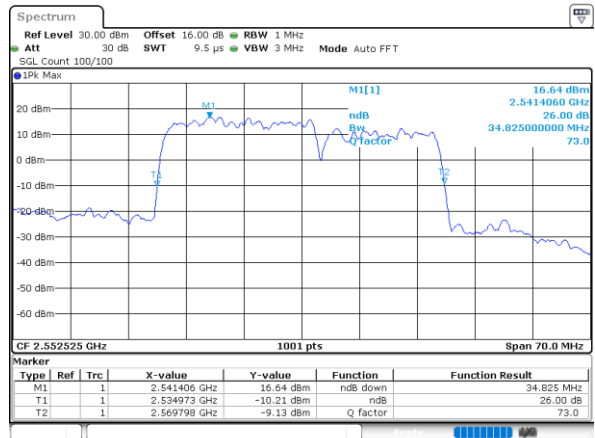
Date: 1.MAY.2022 19:42:44

Highest Channel / 20MHz+10MHz



Date: 1.MAY.2022 16:16:52

Highest Channel / 20MHz+15MHz



Date: 1.MAY.2022 19:56:21

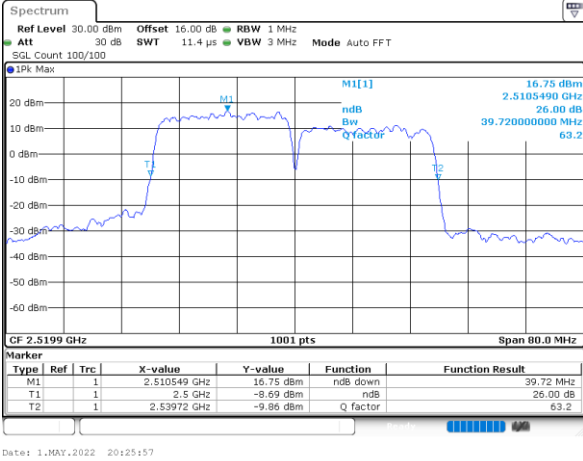


LTE Band 7C

QPSK

Lowest Channel / 20MHz+20MHz

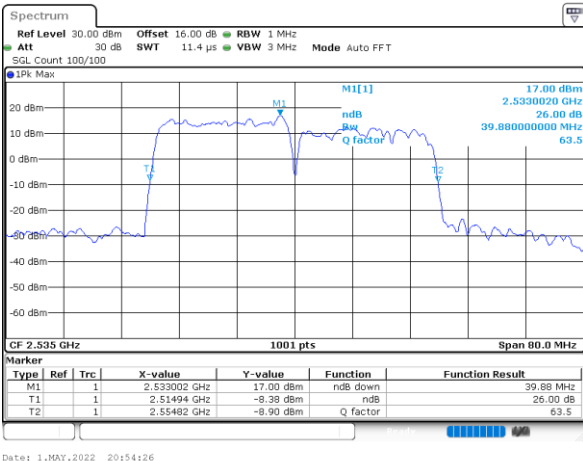
N/A



Date: 1.MAY.2022 20:25:57

Middle Channel / 20MHz+20MHz

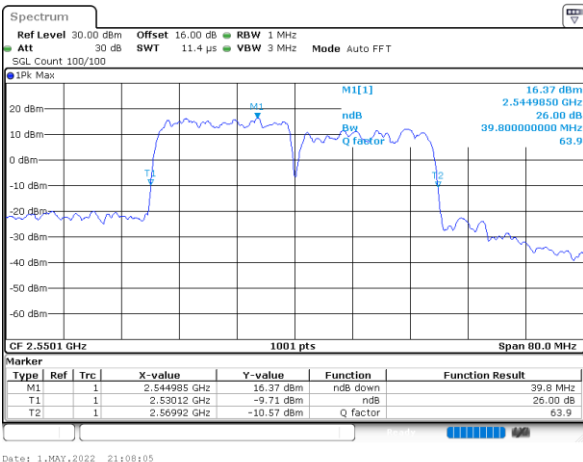
N/A



Date: 1.MAY.2022 20:54:26

Highest Channel / 20MHz+20MHz

N/A



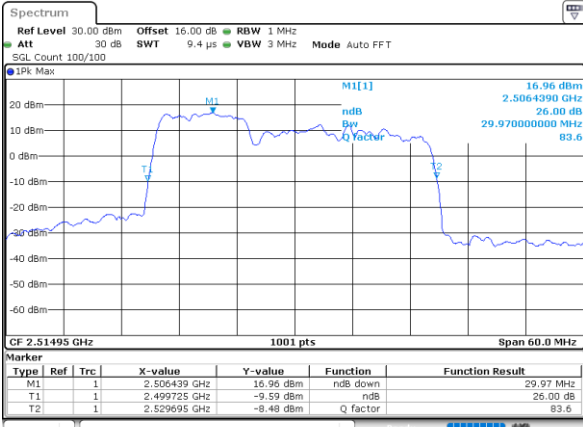
Date: 1.MAY.2022 21:08:05



LTE Band 7C

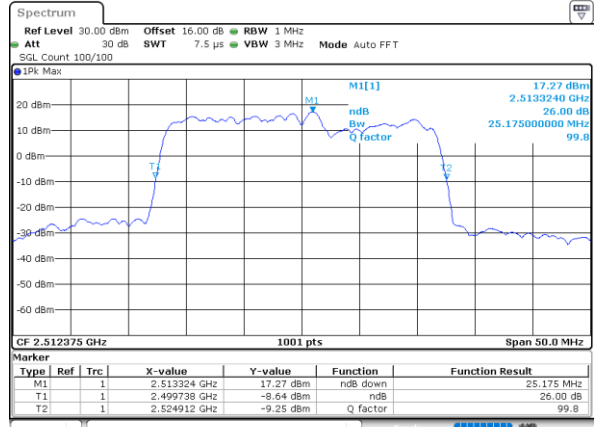
16QAM

Lowest Channel / 10MHz+20MHz



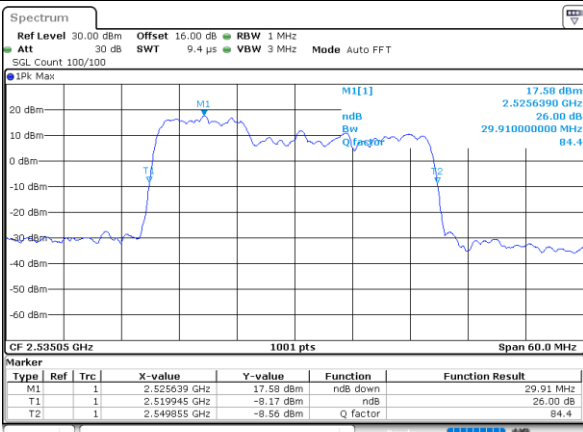
Date: 1.MAY.2022 14:22:34

Lowest Channel / 15MHz+10MHz



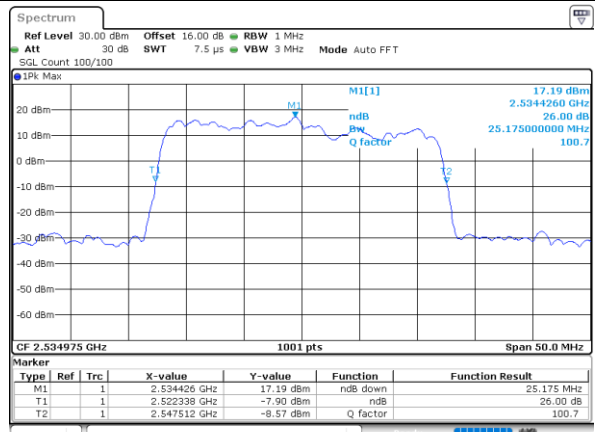
Date: 1.MAY.2022 21:37:13

Middle Channel / 10MHz+20MHz



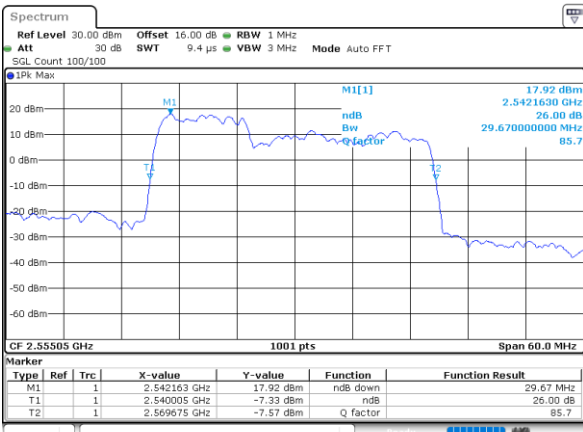
Date: 1.MAY.2022 14:51:03

Middle Channel / 15MHz+10MHz



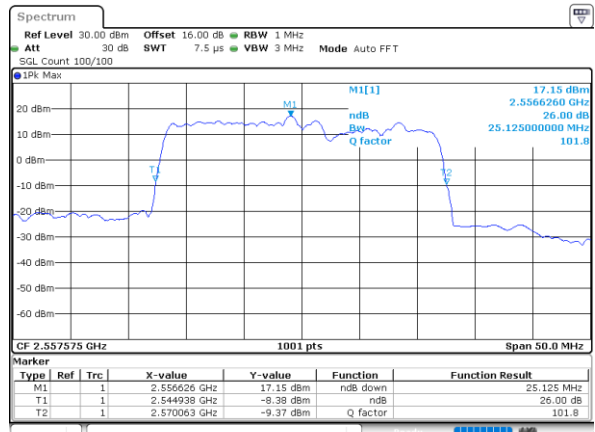
Date: 1.MAY.2022 22:05:42

Highest Channel / 10MHz+20MHz



Date: 1.MAY.2022 15:05:43

Highest Channel / 15MHz+10MHz



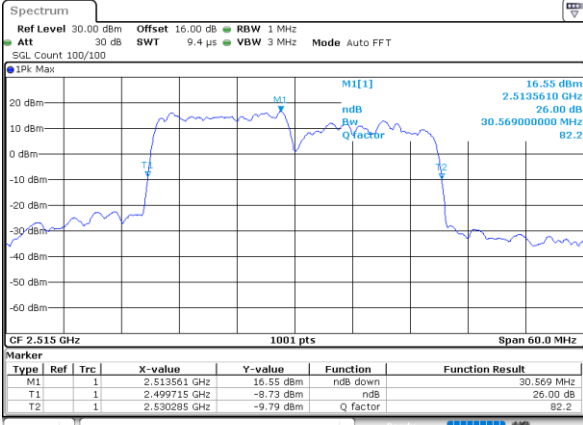
Date: 1.MAY.2022 22:20:24



LTE Band 7C

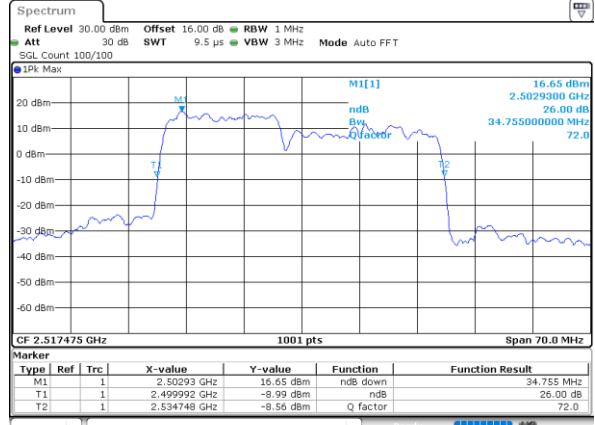
16QAM

Lowest Channel / 15MHz+15MHz



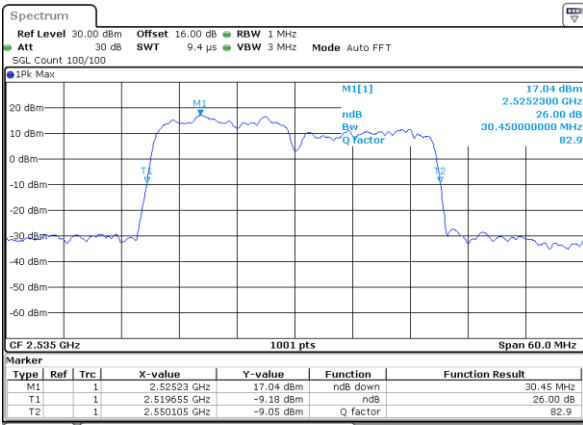
Date: 1.MAY.2022 16:46:00

Lowest Channel / 15MHz+20MHz



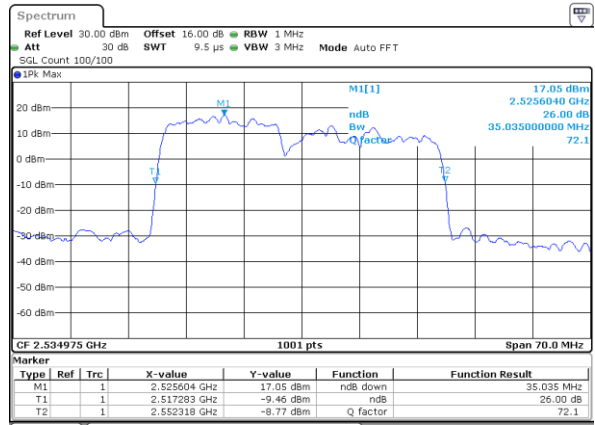
Date: 1.MAY.2022 17:57:45

Middle Channel / 15MHz+15MHz



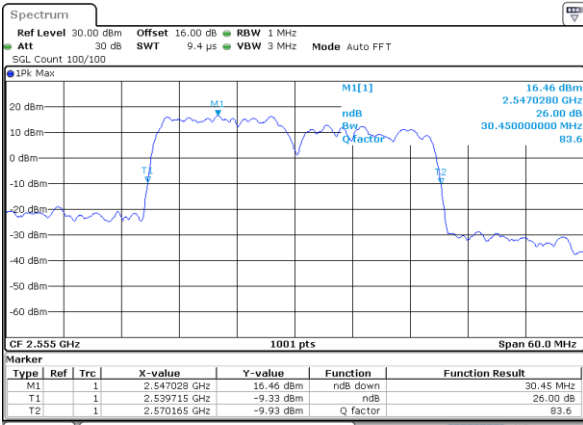
Date: 1.MAY.2022 17:14:32

Middle Channel / 15MHz+20MHz



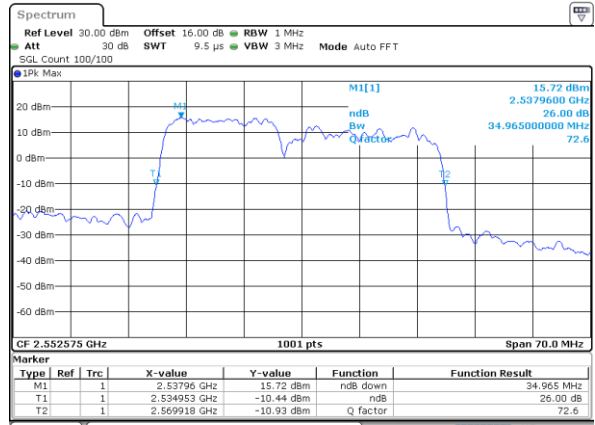
Date: 1.MAY.2022 18:26:15

Highest Channel / 15MHz+15MHz



Date: 1.MAY.2022 17:29:13

Highest Channel / 15MHz+20MHz



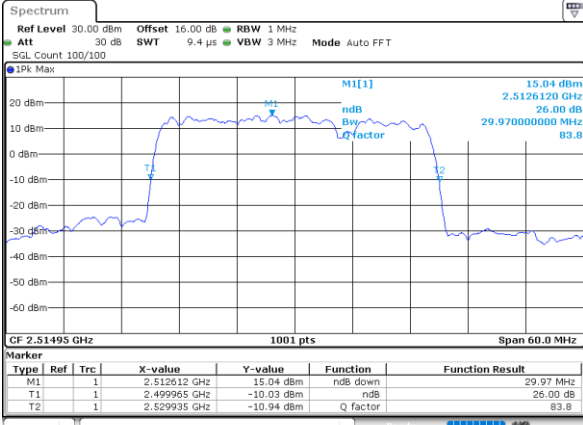
Date: 1.MAY.2022 18:40:56



LTE Band 7C

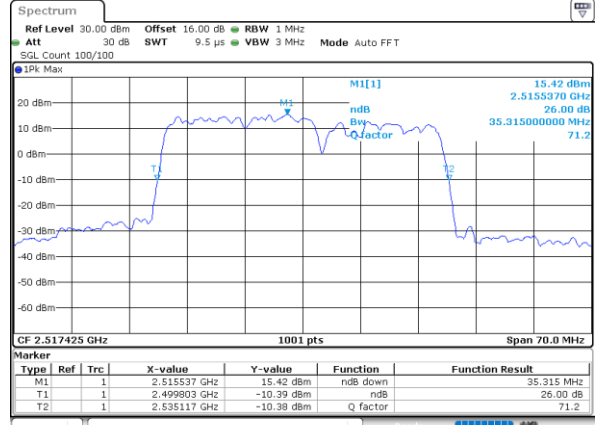
16QAM

Lowest Channel / 20MHz+10MHz



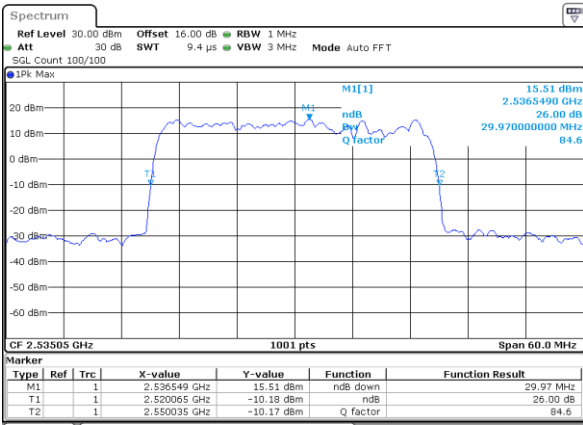
Date: 1.MAY.2022 15:34:14

Lowest Channel / 20MHz+15MHz



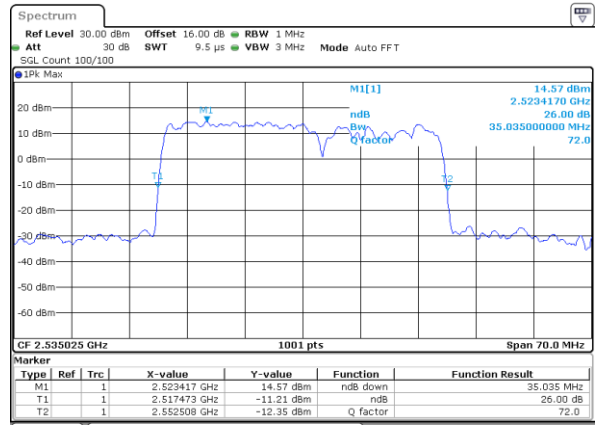
Date: 1.MAY.2022 19:09:25

Middle Channel / 20MHz+10MHz



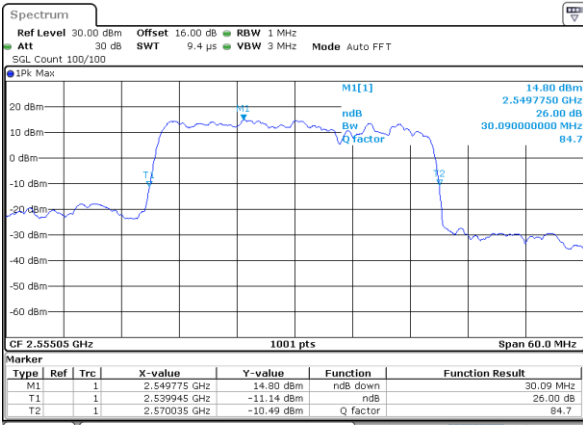
Date: 1.MAY.2022 16:02:44

Middle Channel / 20MHz+15MHz



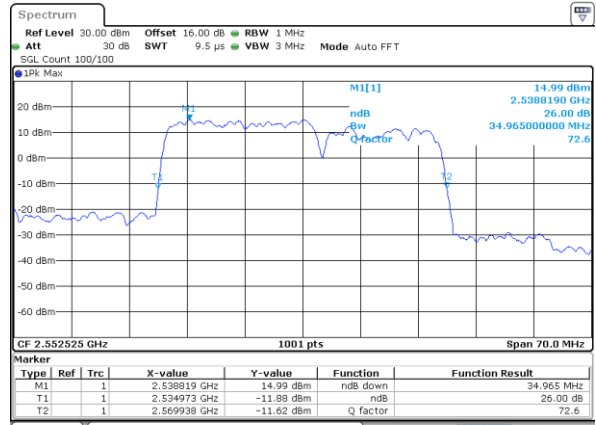
Date: 1.MAY.2022 19:42:13

Highest Channel / 20MHz+10MHz



Date: 1.MAY.2022 16:17:24

Highest Channel / 20MHz+15MHz



Date: 1.MAY.2022 19:56:53

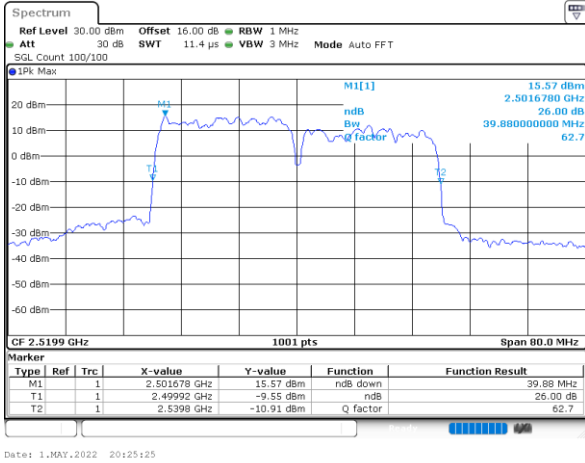


LTE Band 7C

16QAM

Lowest Channel / 20MHz+20MHz

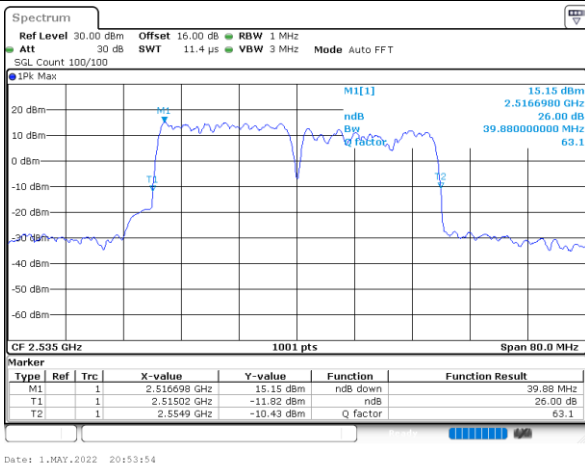
N/A



Date: 1.MAY.2022 20:25:25

Middle Channel / 20MHz+20MHz

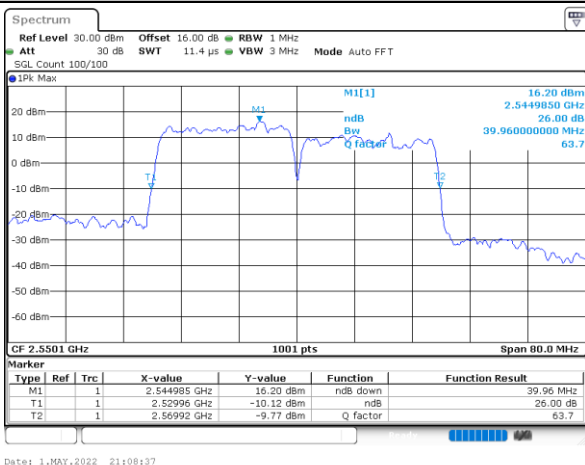
N/A



Date: 1.MAY.2022 20:53:54

Highest Channel / 20MHz+20MHz

N/A



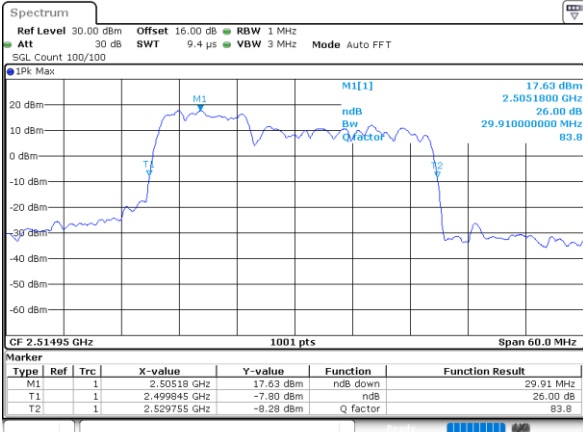
Date: 1.MAY.2022 21:08:37



LTE Band 7C

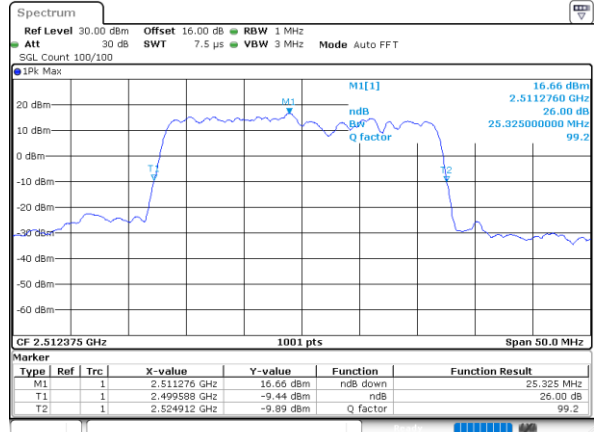
64QAM

Lowest Channel / 10MHz+20MHz



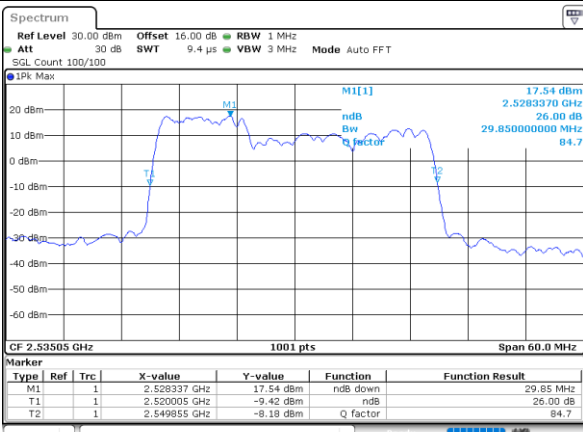
Date: 1.MAY.2022 14:22:03

Lowest Channel / 15MHz+10MHz



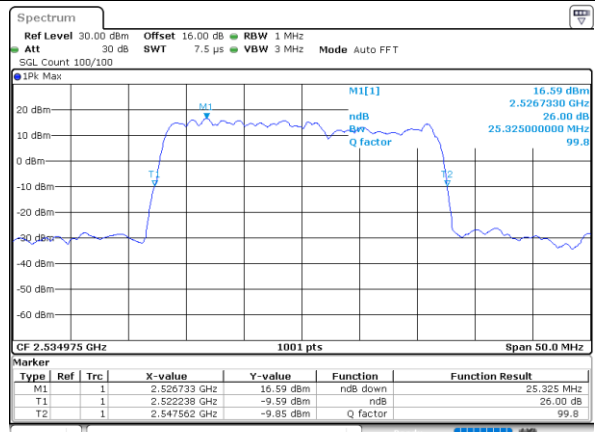
Date: 1.MAY.2022 21:36:41

Middle Channel / 10MHz+20MHz



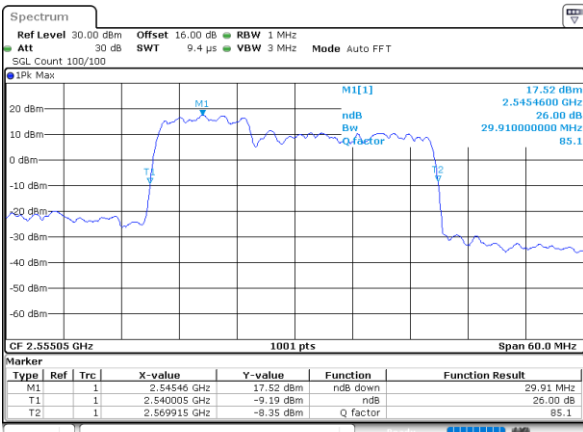
Date: 1.MAY.2022 14:50:31

Middle Channel / 15MHz+10MHz



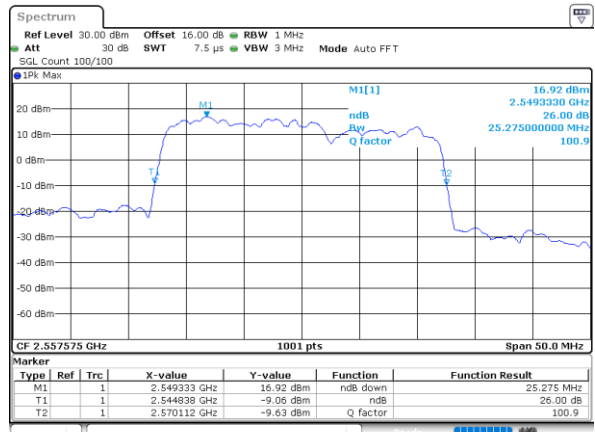
Date: 1.MAY.2022 22:05:11

Highest Channel / 10MHz+20MHz



Date: 1.MAY.2022 15:06:14

Highest Channel / 15MHz+10MHz



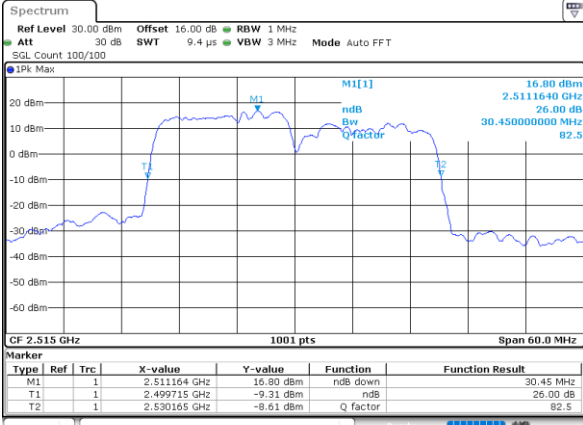
Date: 1.MAY.2022 22:20:55



LTE Band 7C

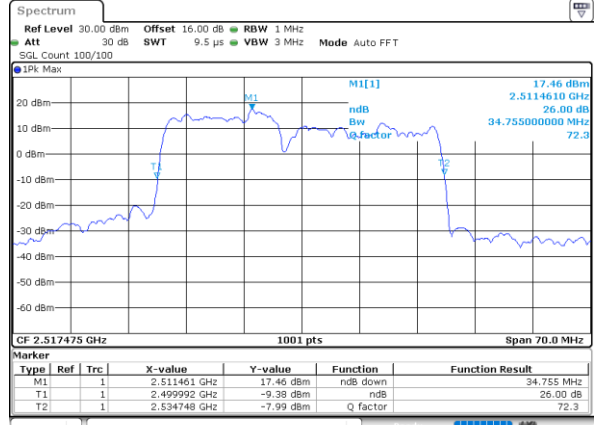
64QAM

Lowest Channel / 15MHz+15MHz



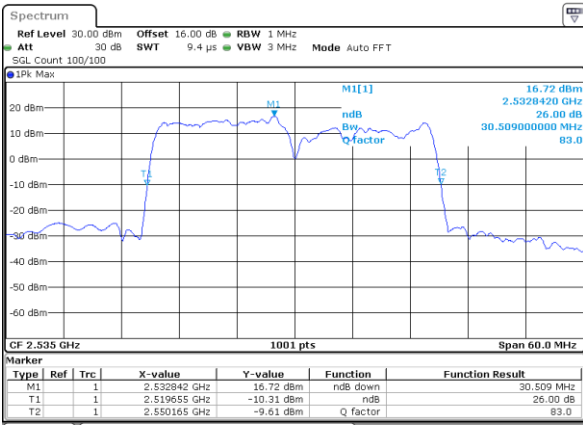
Date: 1.MAY.2022 16:45:28

Lowest Channel / 15MHz+20MHz



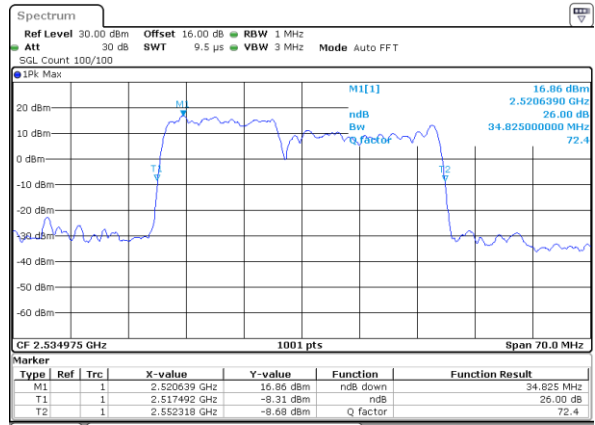
Date: 1.MAY.2022 17:57:13

Middle Channel / 15MHz+15MHz



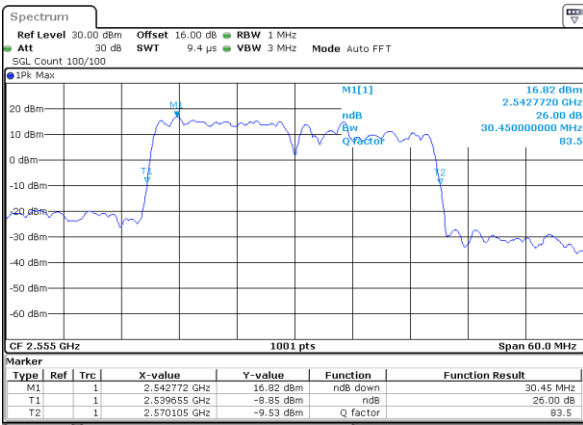
Date: 1.MAY.2022 17:14:00

Middle Channel / 15MHz+20MHz



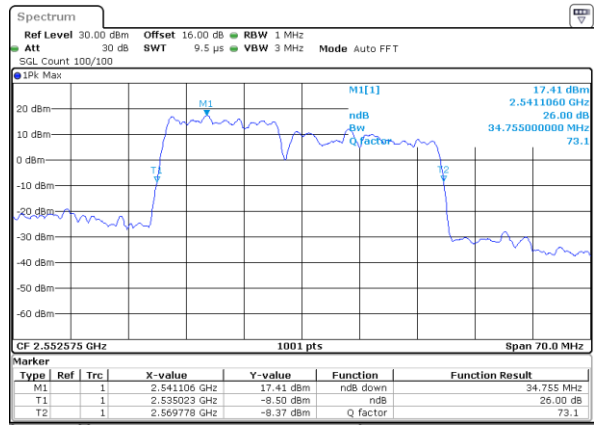
Date: 1.MAY.2022 18:25:43

Highest Channel / 15MHz+15MHz



Date: 1.MAY.2022 17:29:44

Highest Channel / 15MHz+20MHz



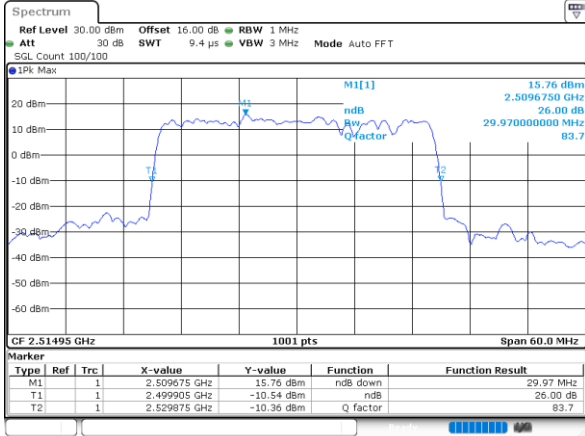
Date: 1.MAY.2022 18:41:27



LTE Band 7C

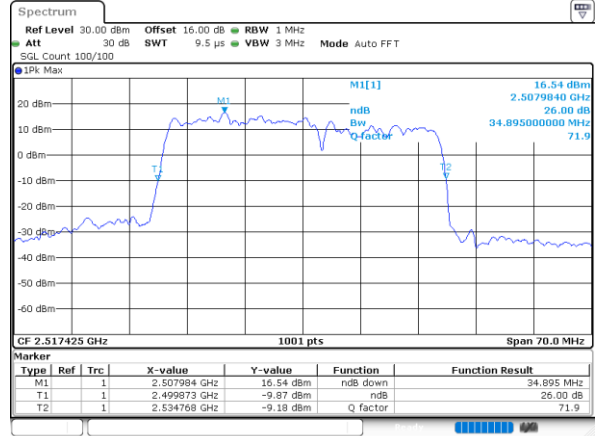
64QAM

Lowest Channel / 20MHz+10MHz



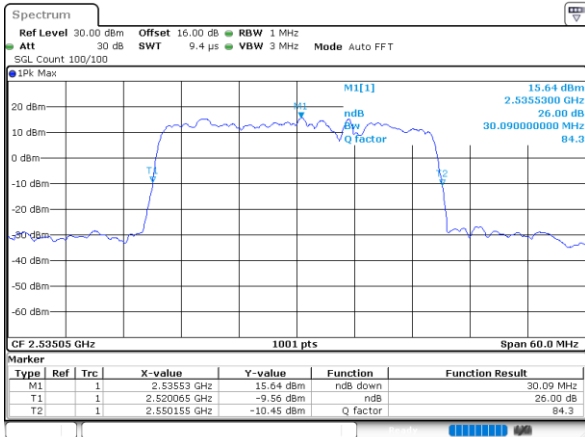
Date: 1.MAY.2022 15:33:42

Lowest Channel / 20MHz+15MHz



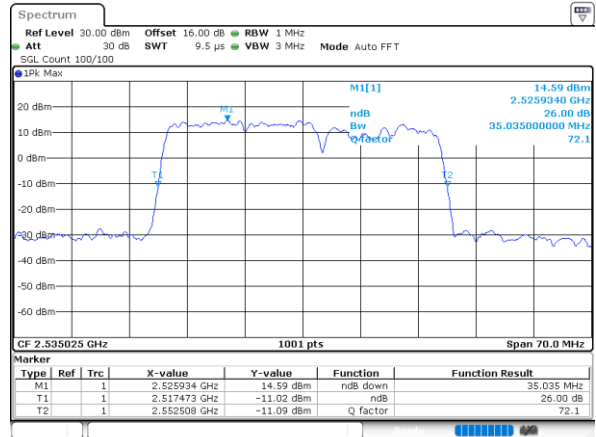
Date: 1.MAY.2022 19:08:53

Middle Channel / 20MHz+10MHz



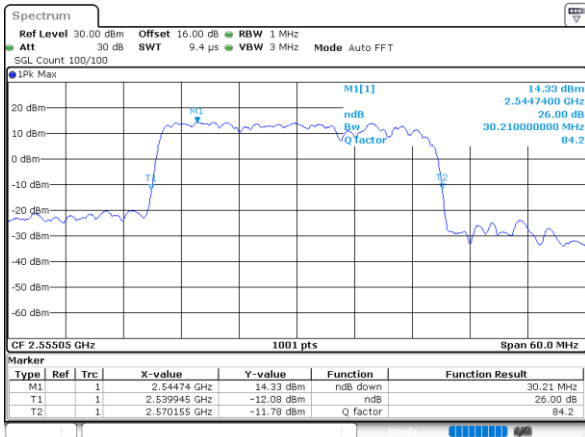
Date: 1.MAY.2022 16:02:12

Middle Channel / 20MHz+15MHz



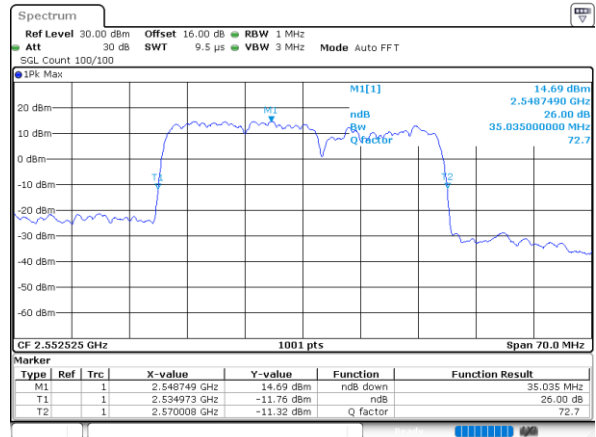
Date: 1.MAY.2022 19:41:41

Highest Channel / 20MHz+10MHz



Date: 1.MAY.2022 16:17:55

Highest Channel / 20MHz+15MHz



Date: 1.MAY.2022 19:57:25

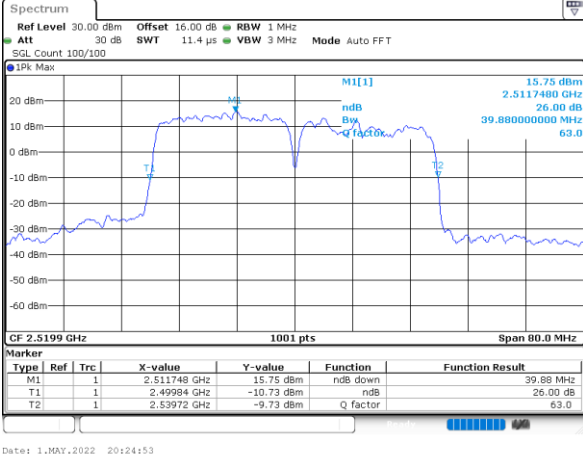


LTE Band 7C

64QAM

Lowest Channel / 20MHz+20MHz

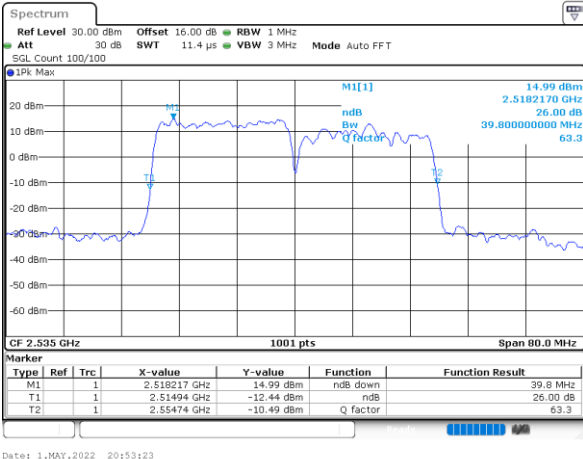
N/A



Date: 1.MAY.2022 20:24:53

Middle Channel / 20MHz+20MHz

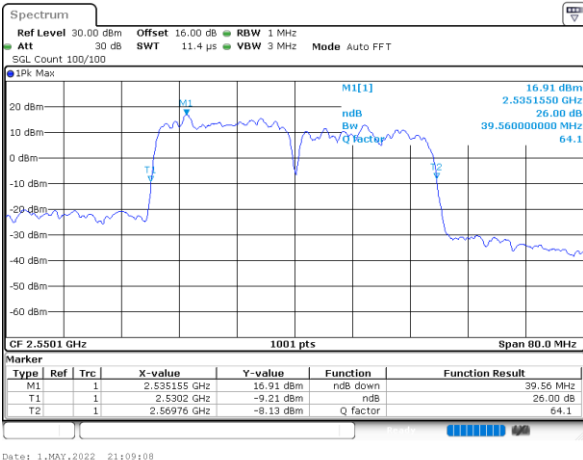
N/A



Date: 1.MAY.2022 20:53:23

Highest Channel / 20MHz+20MHz

N/A



Date: 1.MAY.2022 21:09:08



Occupied Bandwidth

Mode	LTE Band 7C : 99%OBW(MHz)			
QPSK				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Lowest CH	27.99	23.38	28.53	32.87
Middle CH	27.81	23.38	28.59	32.87
Highest CH	27.87	23.38	28.29	32.31
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	27.93	32.80	37.56	-
Middle CH	27.99	32.73	37.32	-
Highest CH	28.05	33.08	37.64	-

Mode	LTE Band 7C : 99%OBW(MHz)			
16QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Lowest CH	27.99	23.38	28.41	32.52
Middle CH	27.63	23.48	28.23	32.87
Highest CH	27.99	23.33	28.53	32.66
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	27.51	32.59	37.72	-
Middle CH	27.99	32.66	37.64	-
Highest CH	28.05	32.87	37.56	-

Mode	LTE Band 7C : 99%OBW(MHz)			
64QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Lowest CH	27.75	23.38	28.59	32.87
Middle CH	27.75	23.23	28.17	32.80
Highest CH	27.87	23.08	28.53	32.73
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	27.75	32.87	37.24	-
Middle CH	27.81	32.59	37.64	-
Highest CH	27.69	32.73	37.40	-