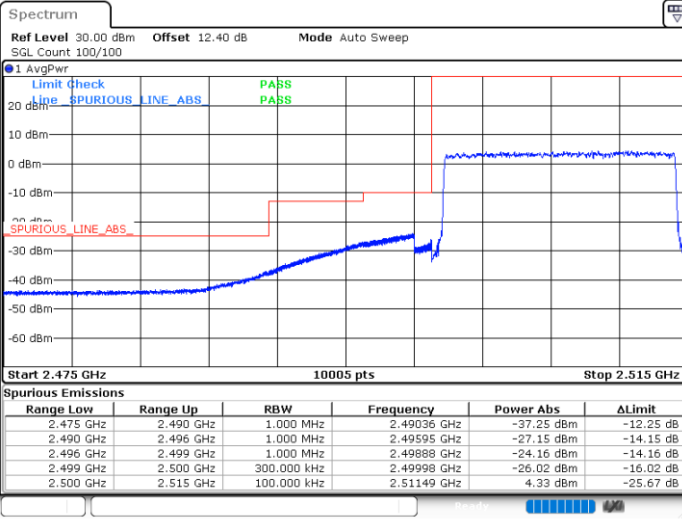




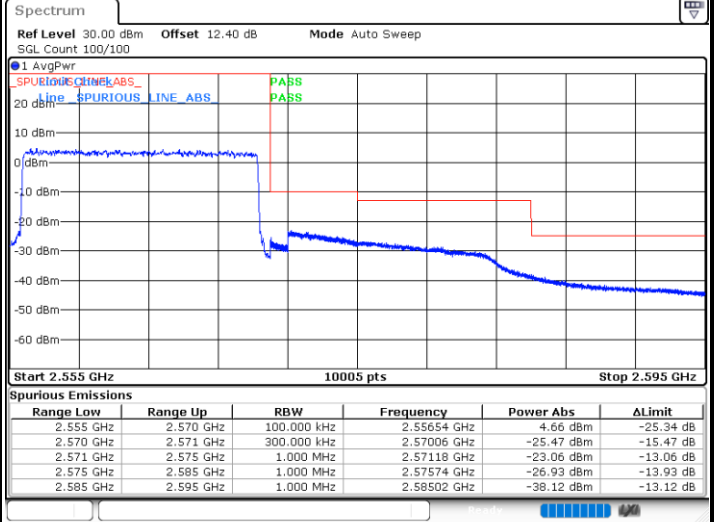
LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / Full RB



Date: 13.MAY.2024 10:45:26

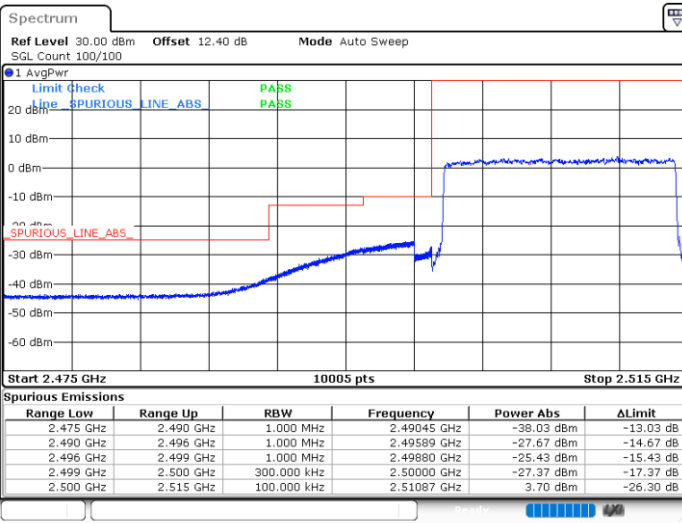
Highest Band Edge / Full RB



Date: 13.MAY.2024 10:49:47

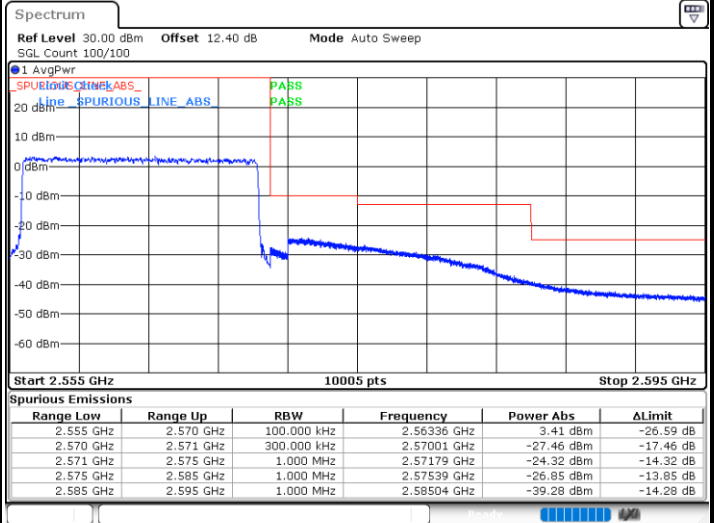
LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / Full RB



Date: 13.MAY.2024 10:46:20

Highest Band Edge / Full RB

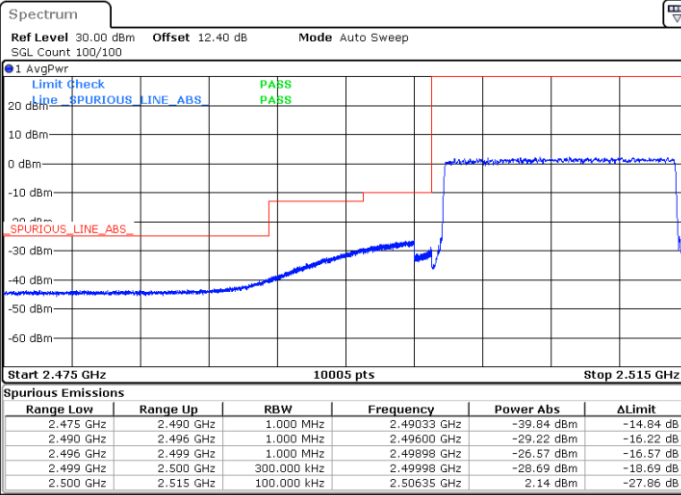


Date: 13.MAY.2024 10:50:41



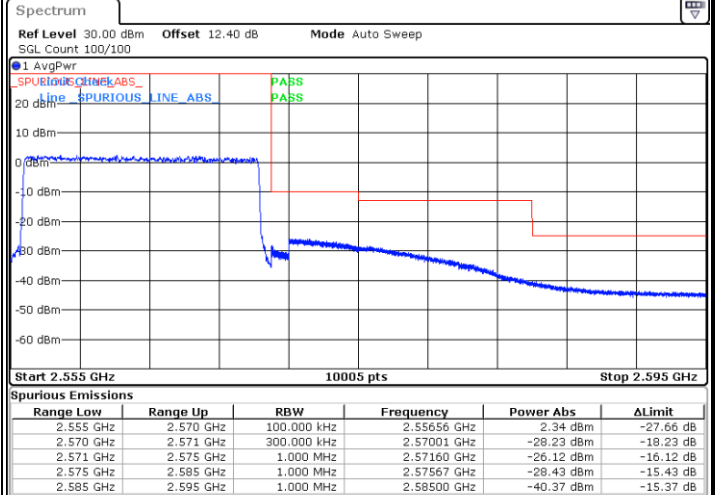
LTE Band 7 / 15MHz / 64QAM

Lowest Band Edge / Full RB



Date: 13.MAY.2024 10:47:15

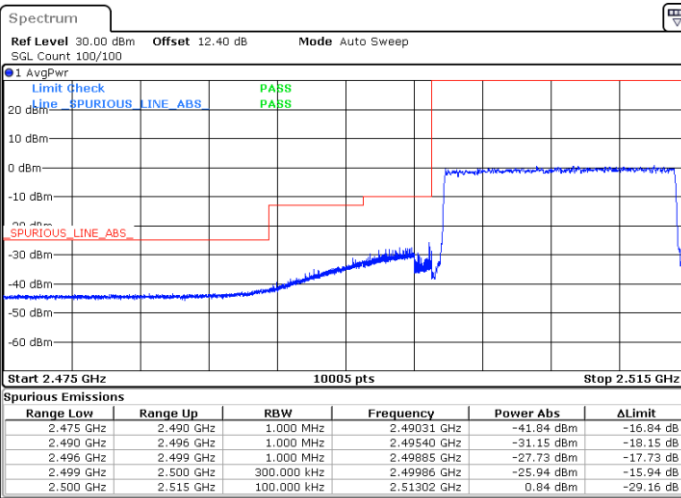
Highest Band Edge / Full RB



Date: 13.MAY.2024 10:51:35

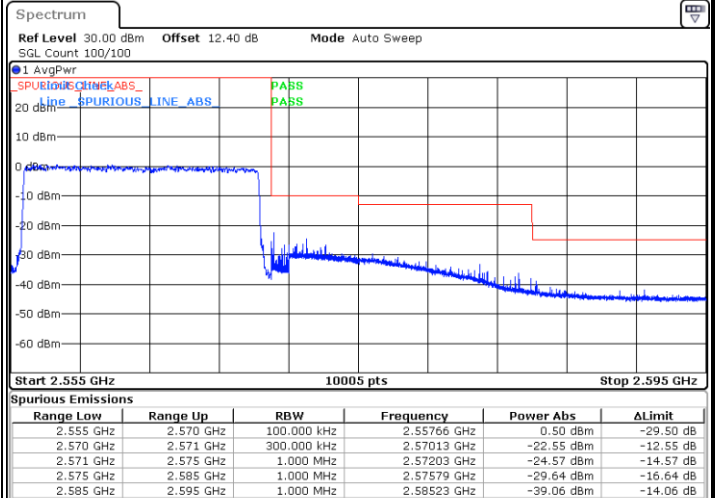
LTE Band 7 / 15MHz / 256QAM

Lowest Band Edge / Full RB



Date: 13.MAY.2024 10:48:09

Highest Band Edge / Full RB

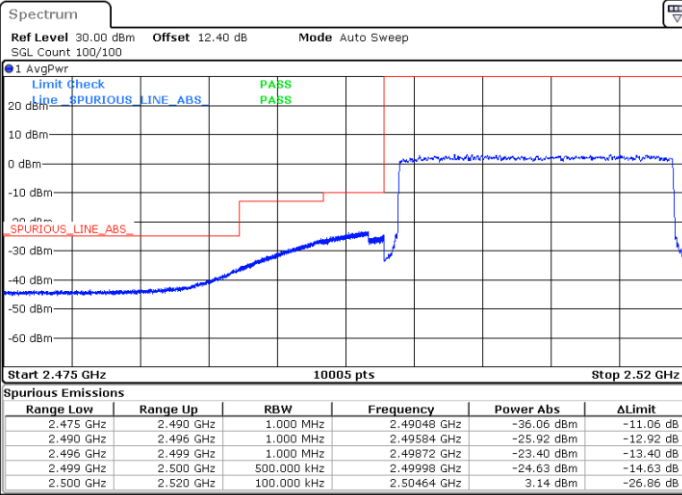


Date: 13.MAY.2024 10:52:30



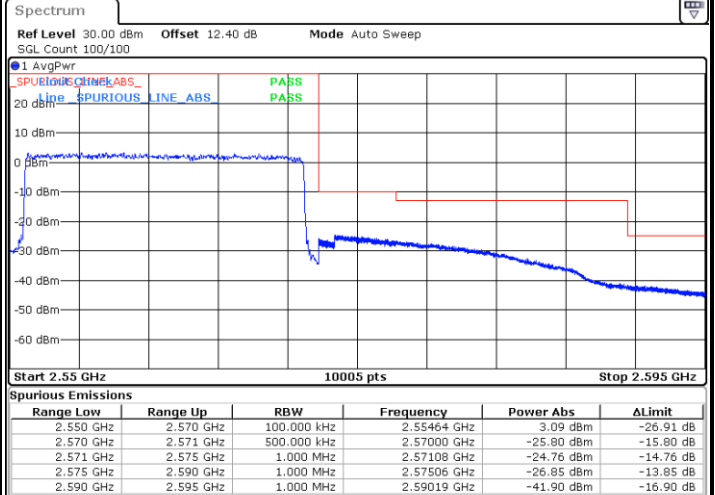
LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / Full RB



Date: 13.MAY.2024 11:01:02

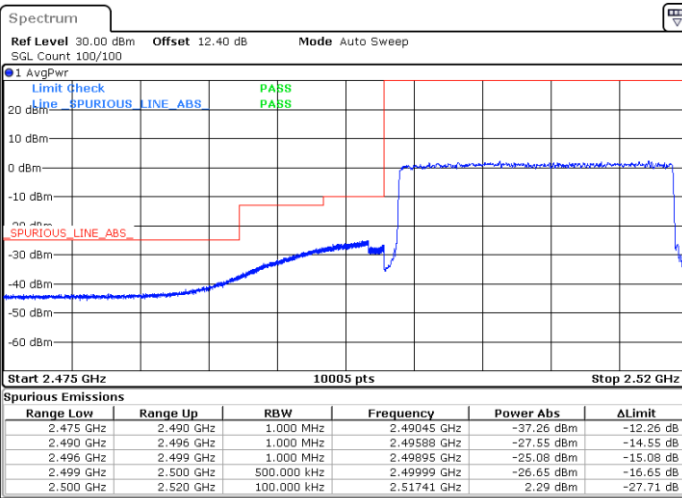
Highest Band Edge / Full RB



Date: 13.MAY.2024 11:04:39

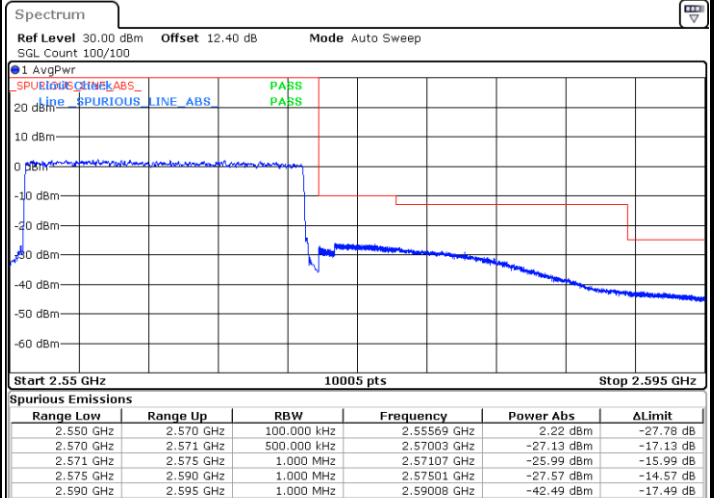
LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge / Full RB



Date: 13.MAY.2024 11:01:56

Highest Band Edge / Full RB



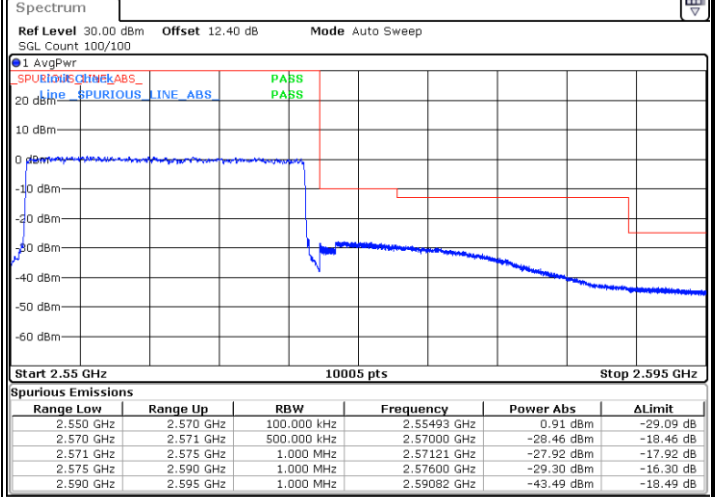
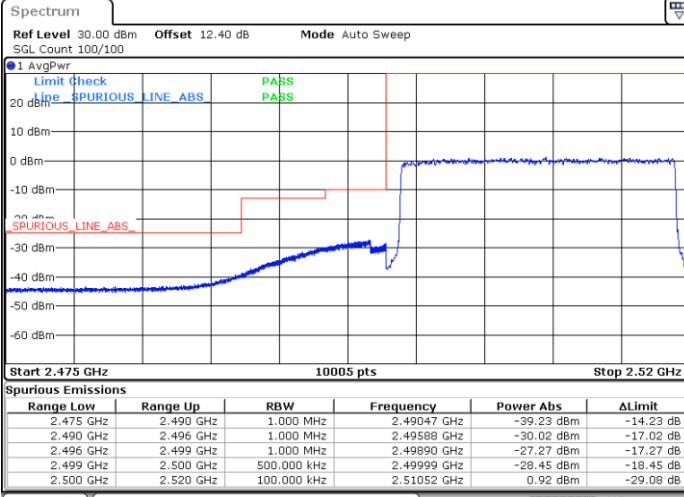
Date: 13.MAY.2024 11:05:33



LTE Band 7 / 20MHz / 64QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



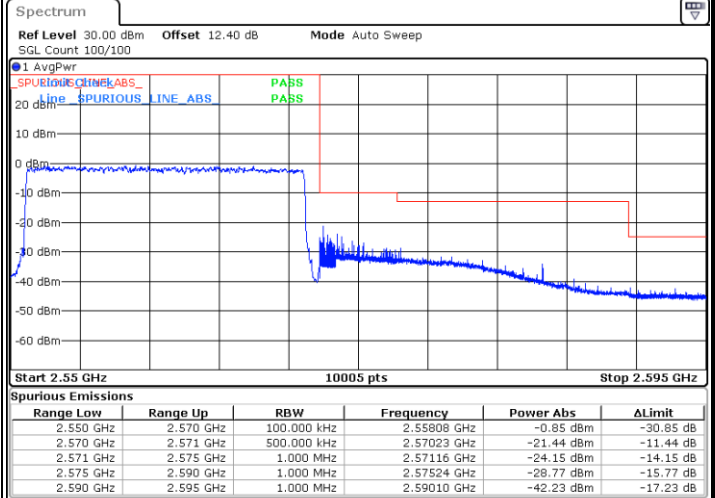
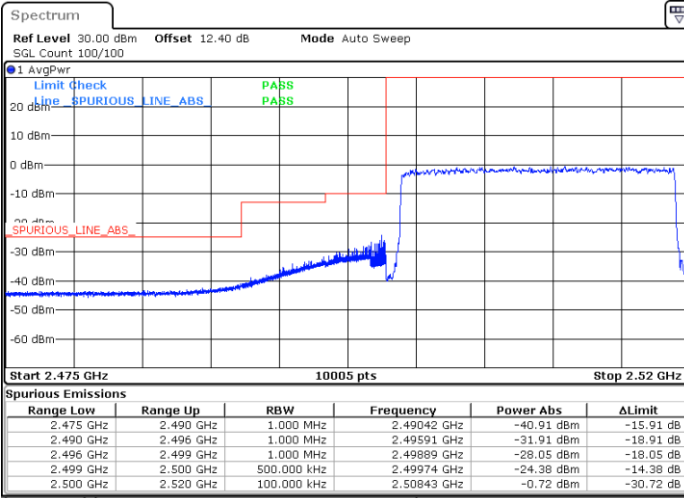
Date: 13.MAY.2024 11:02:50

Date: 13.MAY.2024 11:06:27

LTE Band 7 / 20MHz / 256QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

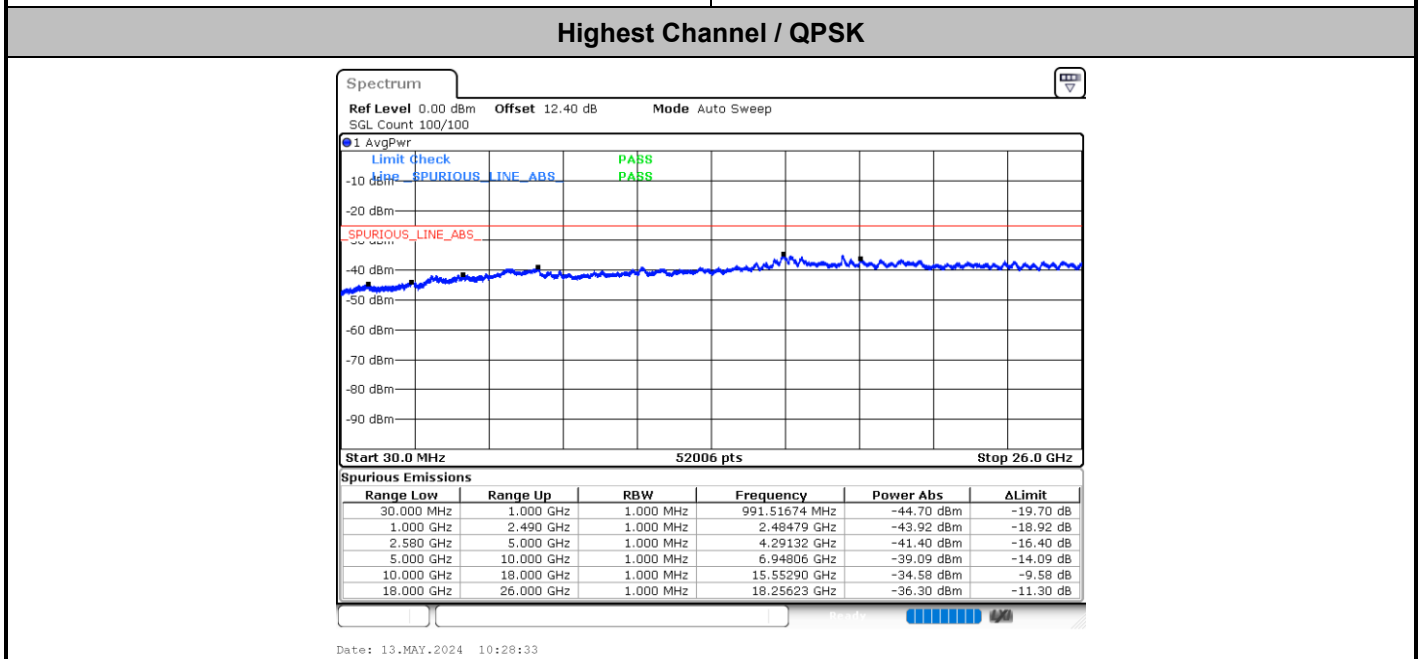
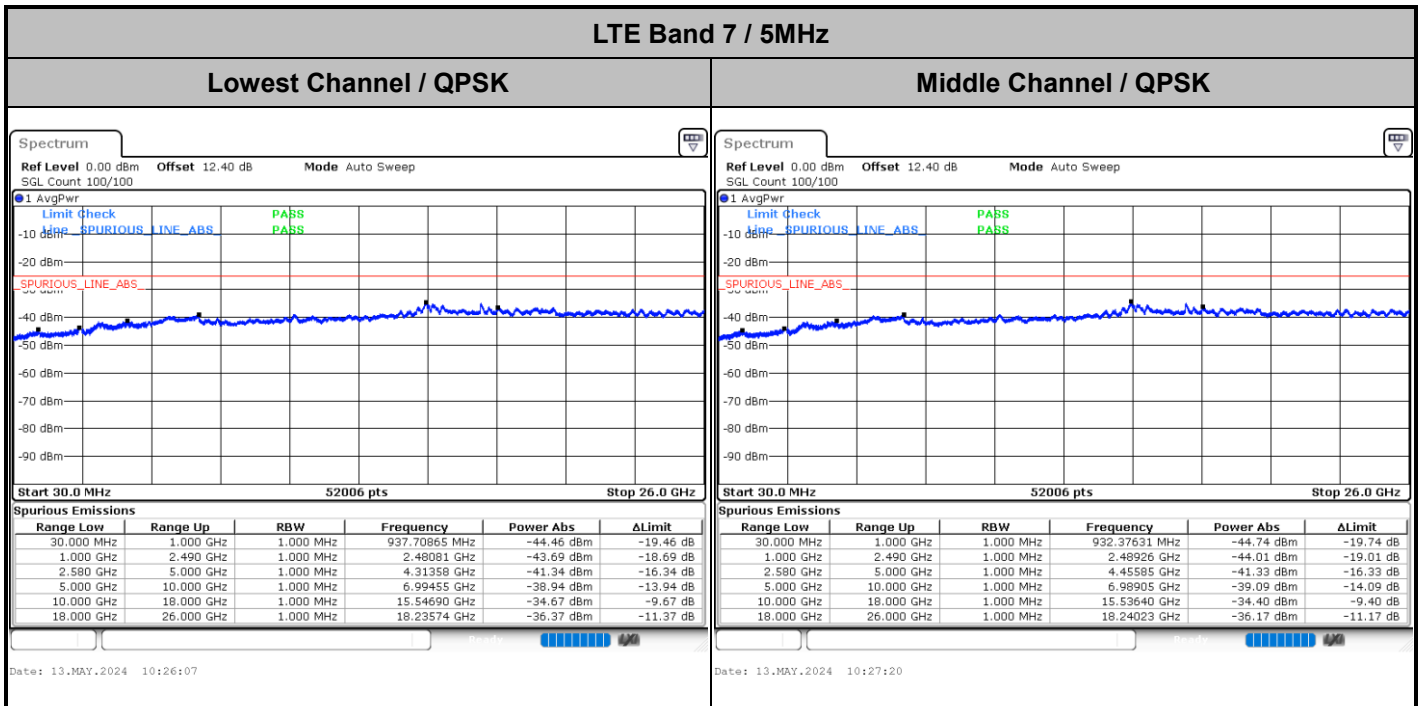


Date: 13.MAY.2024 11:03:44

Date: 13.MAY.2024 11:07:21



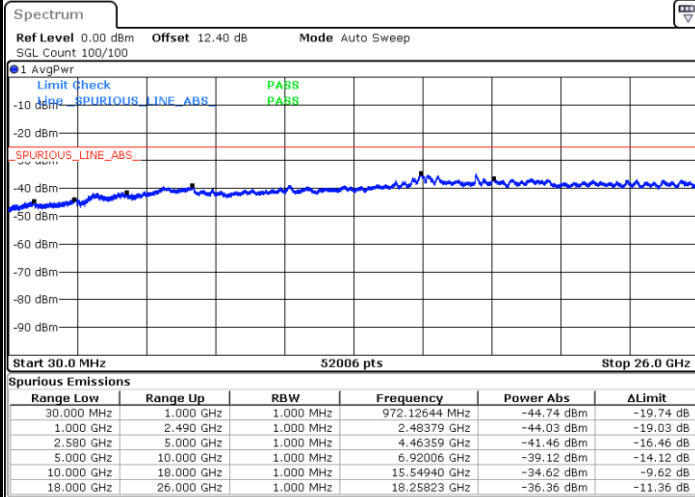
Conducted Spurious Emission





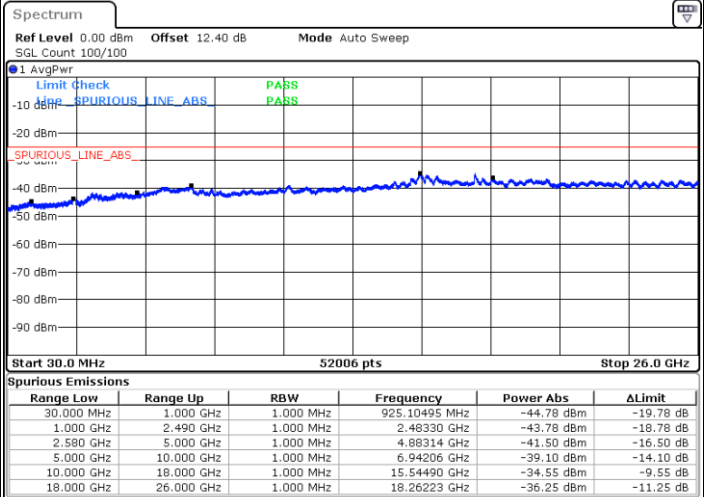
LTE Band 7 / 10MHz

Lowest Channel / QPSK



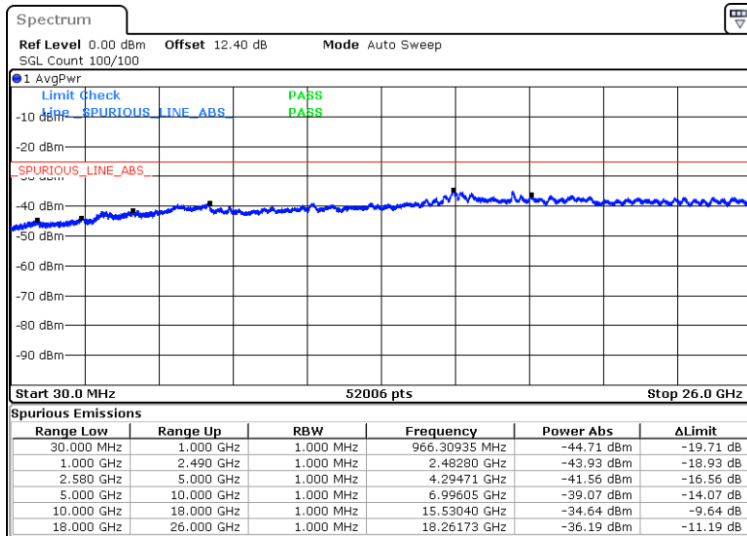
Date: 13.MAY.2024 10:40:59

Middle Channel / QPSK



Date: 13.MAY.2024 10:42:11

Highest Channel / QPSK

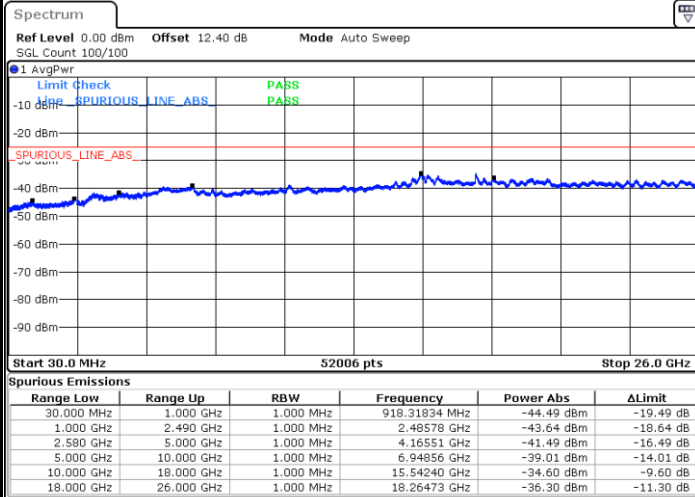


Date: 13.MAY.2024 10:43:24



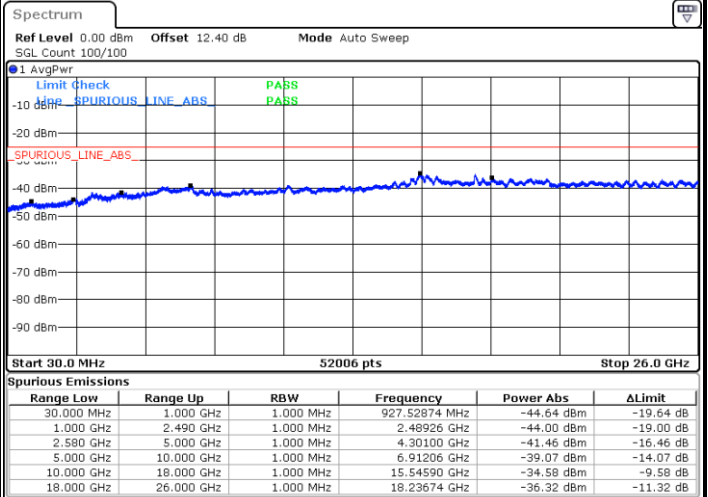
LTE Band 7 / 15MHz

Lowest Channel / QPSK



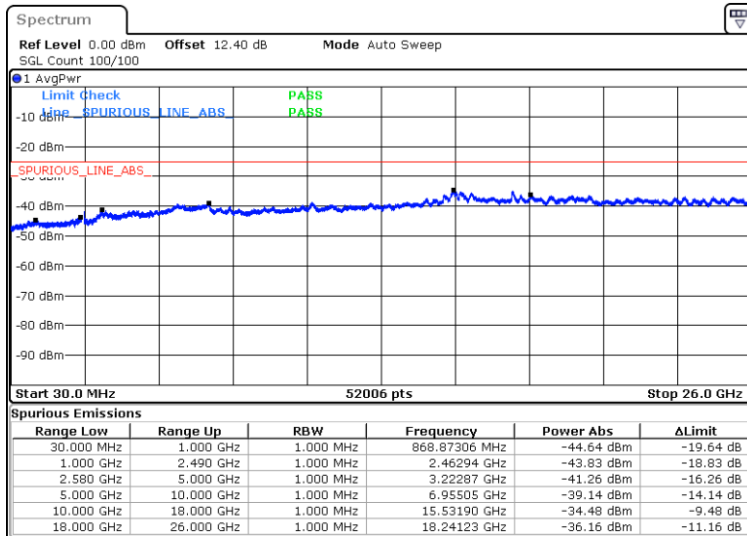
Date: 13.MAY.2024 10:57:00

Middle Channel / QPSK



Date: 13.MAY.2024 10:58:12

Highest Channel / QPSK



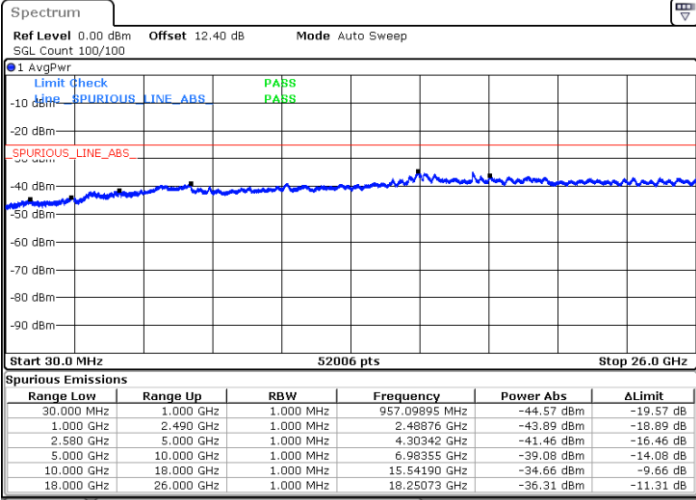
Date: 13.MAY.2024 10:59:25



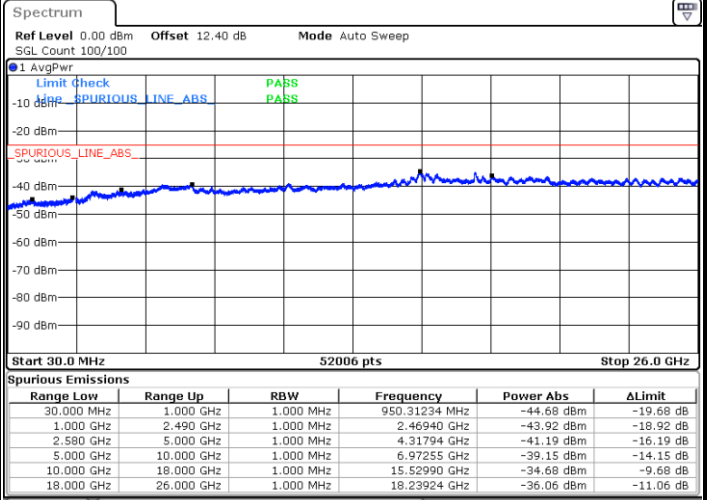
LTE Band 7 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

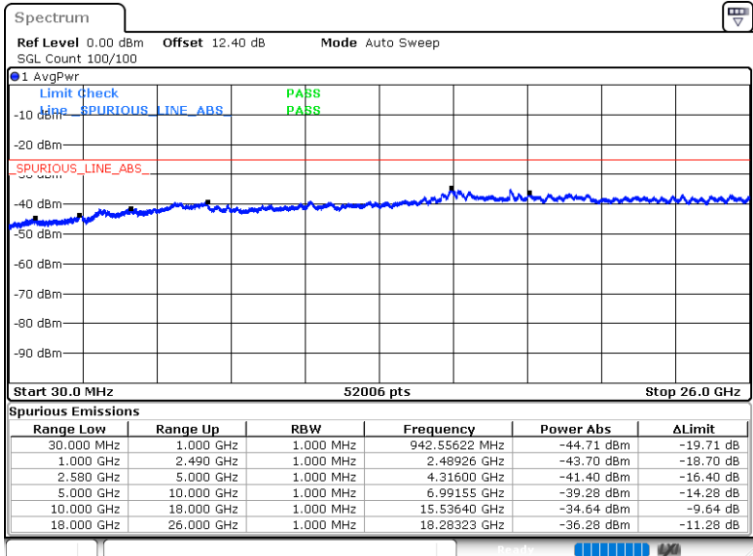


Date: 13.MAY.2024 11:13:34



Date: 13.MAY.2024 11:14:47

Highest Channel / QPSK



Date: 13.MAY.2024 11:16:00



Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0003	PASS
40	Normal Voltage	0.0025	
30	Normal Voltage	0.0002	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0030	
0	Normal Voltage	0.0002	
-10	Normal Voltage	0.0034	
-20	Normal Voltage	0.0045	
-30	Normal Voltage	0.0041	
20	Maximum Voltage	0.0020	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0043	

Note:

- 1. Normal Voltage = 3.3 V. ; Battery End Point (BEP) = 3.135 V. ; Maximum Voltage = 4.4 V.
- 2. 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
Middle CH	29.85	25.47	30.62	34.89
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.14	34.96	39.88	

Mode	LTE Band 7C : 26dB BW(MHz)			
16QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	29.78	25.32	30.56	34.82
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.03	34.96	39.96	

Mode	LTE Band 7C : 26dB BW(MHz)			
64QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	29.91	25.42	30.62	34.96
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	29.96	34.96	39.88	

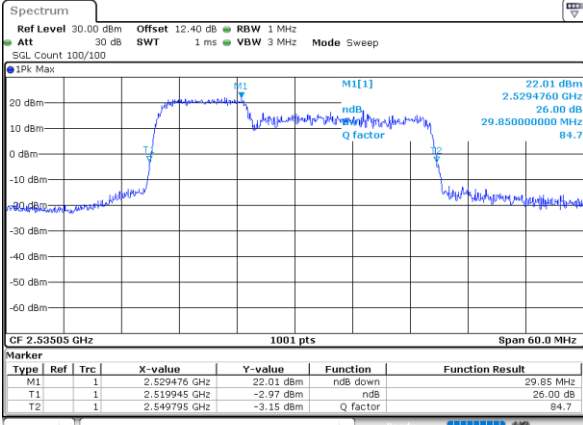
Mode	LTE Band 7C : 26dB BW(MHz)			
256QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	29.85	25.27	30.50	34.96
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.14	34.89	39.88	



LTE Band 7C

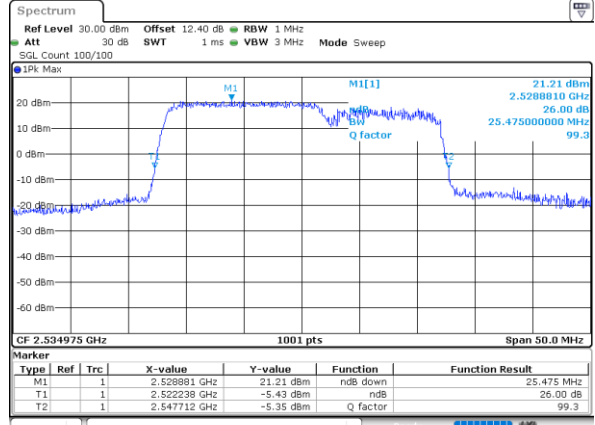
QPSK

Middle Channel / 10MHz+20MHz



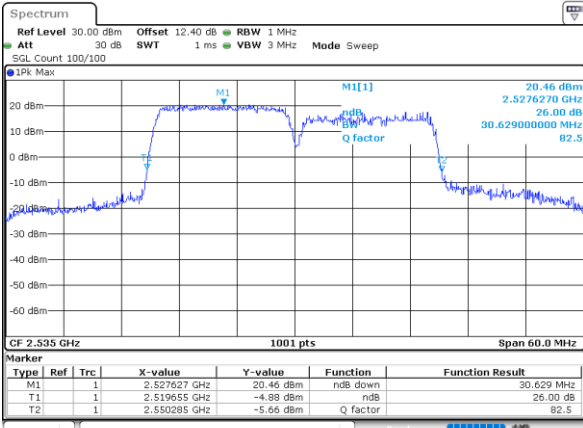
Date: 25.APR.2024 17:58:54

Middle Channel / 15MHz+10MHz



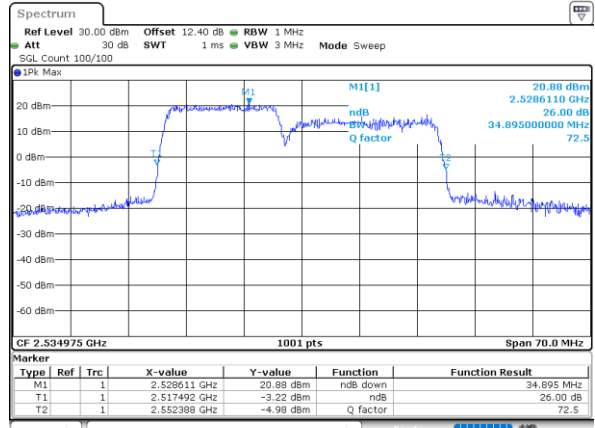
Date: 25.APR.2024 23:50:08

Middle Channel / 15MHz+15MHz



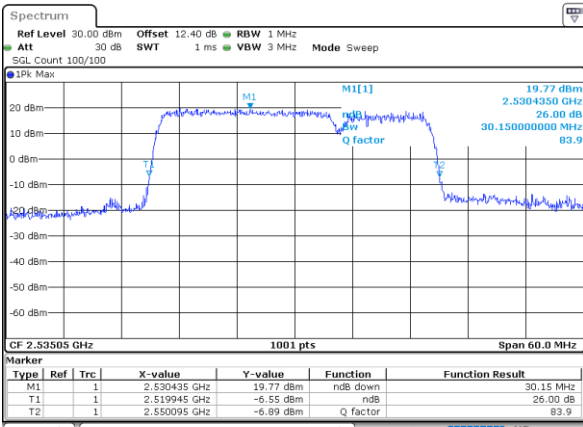
Date: 25.APR.2024 21:54:43

Middle Channel / 15MHz+20MHz



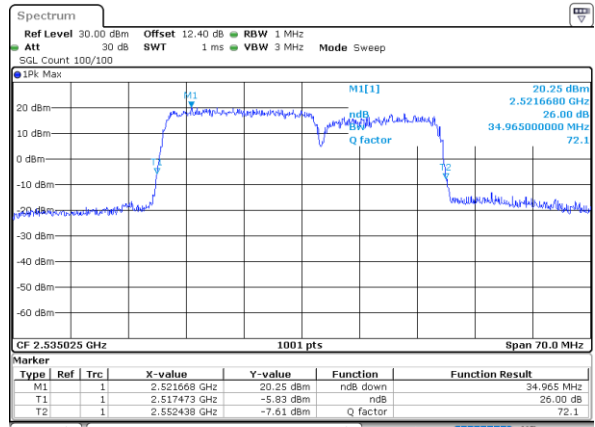
Date: 25.APR.2024 22:23:36

Middle Channel / 20MHz+10MHz



Date: 25.APR.2024 18:37:53

Middle Channel / 20MHz+15MHz



Date: 25.APR.2024 22:52:28

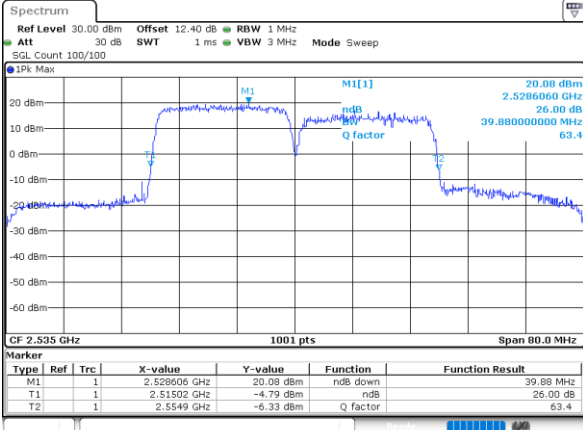


LTE Band 7C

QPSK

Middle Channel / 20MHz+20MHz

N/A



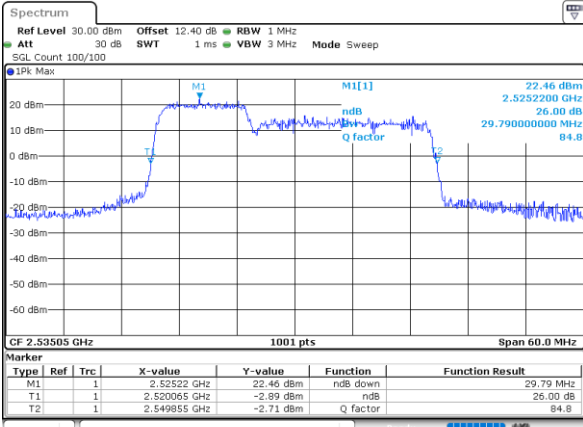
Date: 25, APR, 2024 23:21:16



LTE Band 7C

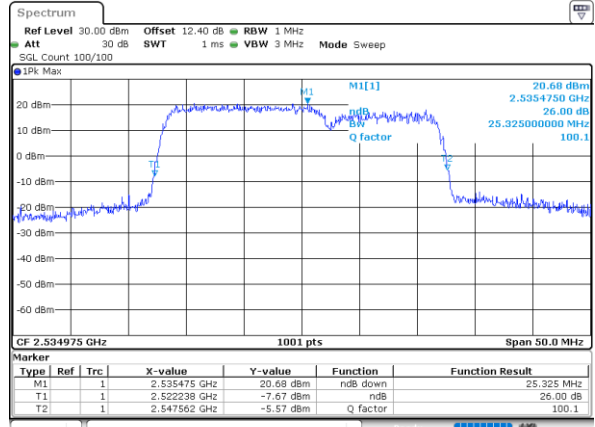
16QAM

Middle Channel / 10MHz+20MHz



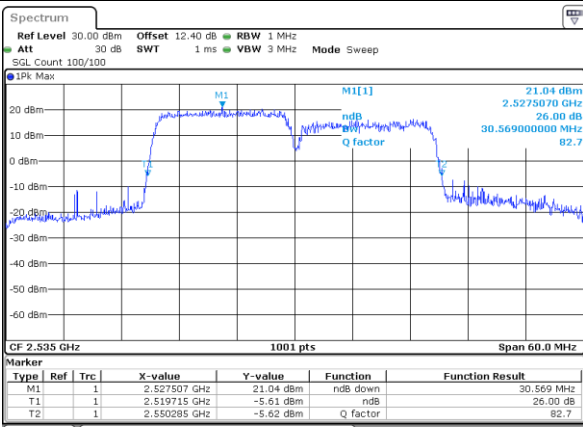
Date: 25.APR.2024 17:58:29

Middle Channel / 15MHz+10MHz



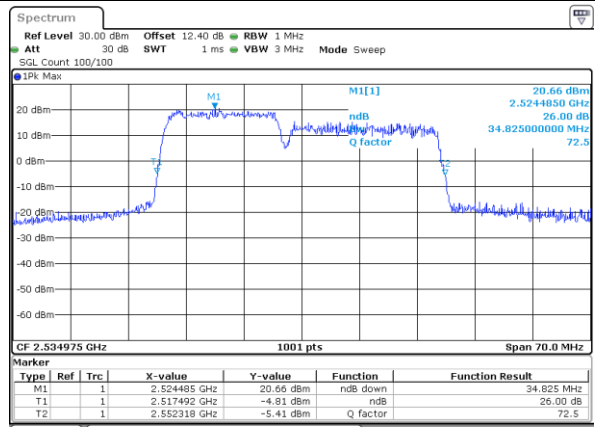
Date: 25.APR.2024 23:49:43

Middle Channel / 15MHz+15MHz



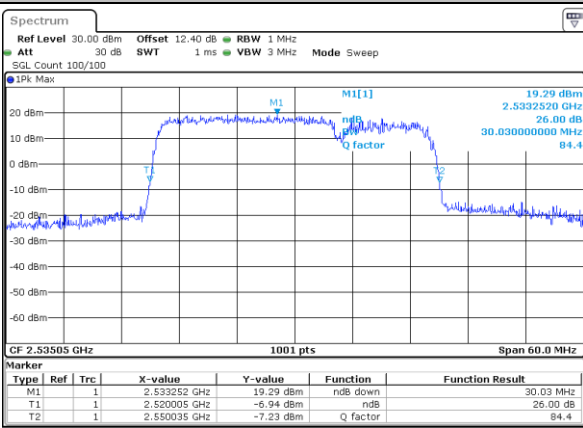
Date: 25.APR.2024 21:54:18

Middle Channel / 15MHz+20MHz



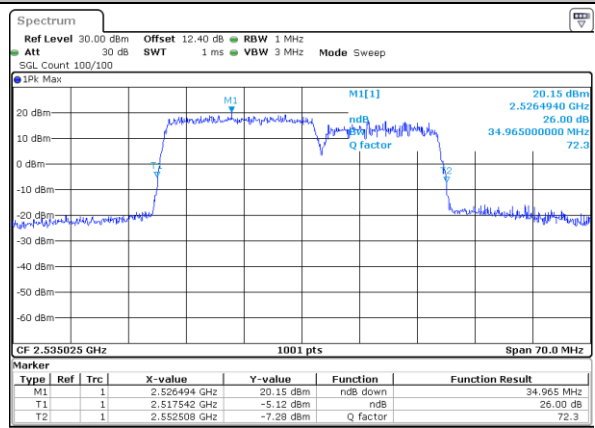
Date: 25.APR.2024 22:23:11

Middle Channel / 20MHz+10MHz



Date: 25.APR.2024 18:37:28

Middle Channel / 20MHz+15MHz



Date: 25.APR.2024 22:52:03

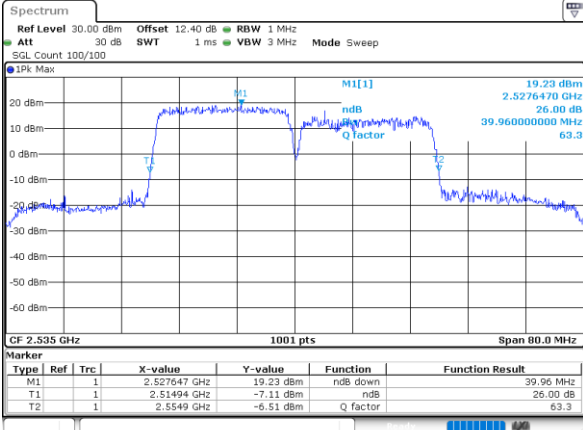


LTE Band 7C

16QAM

Middle Channel / 20MHz+20MHz

N/A



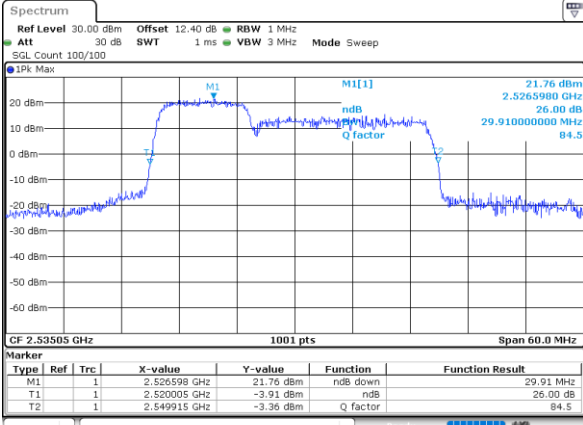
Date: 25, APR, 2024 23:20:51



LTE Band 7C

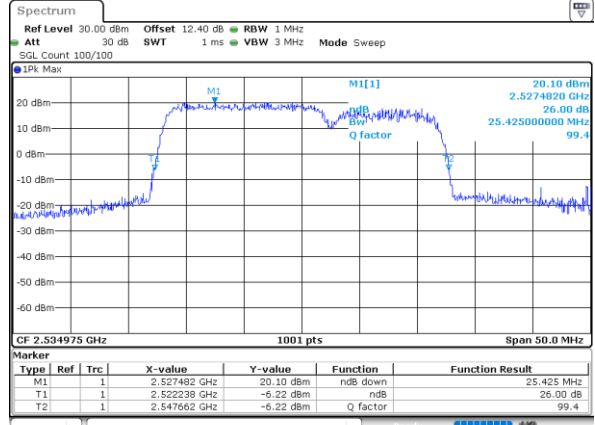
64QAM

Middle Channel / 10MHz+20MHz



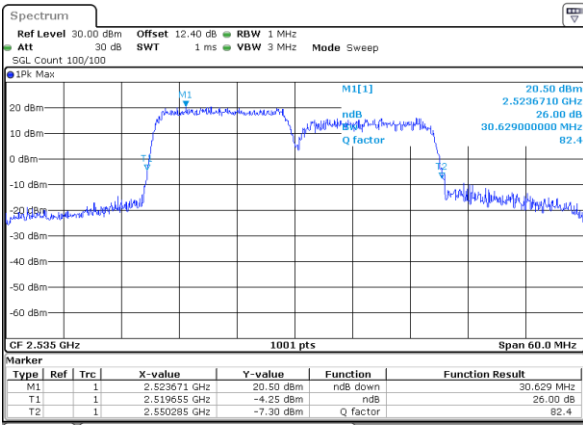
Date: 25.APR.2024 17:58:04

Middle Channel / 15MHz+10MHz



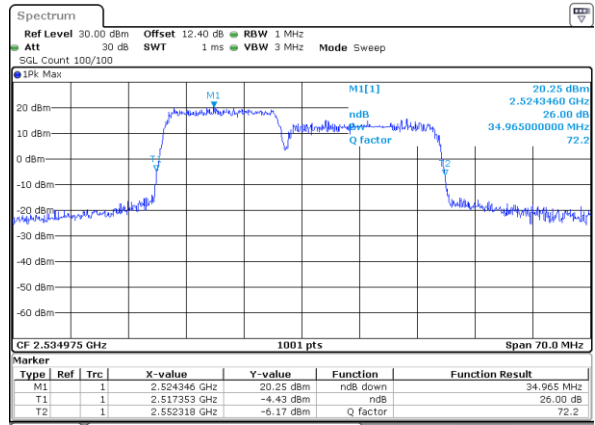
Date: 25.APR.2024 23:49:17

Middle Channel / 15MHz+15MHz



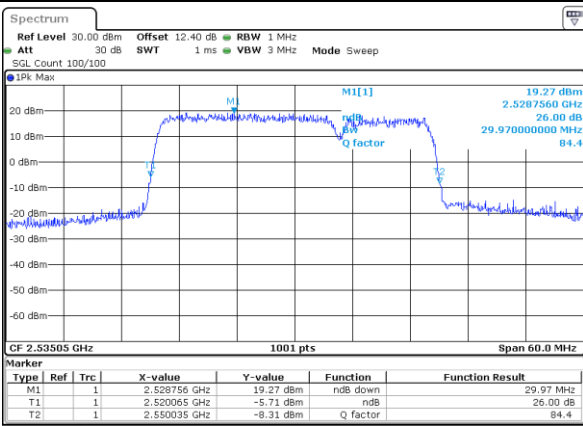
Date: 25.APR.2024 21:53:53

Middle Channel / 15MHz+20MHz



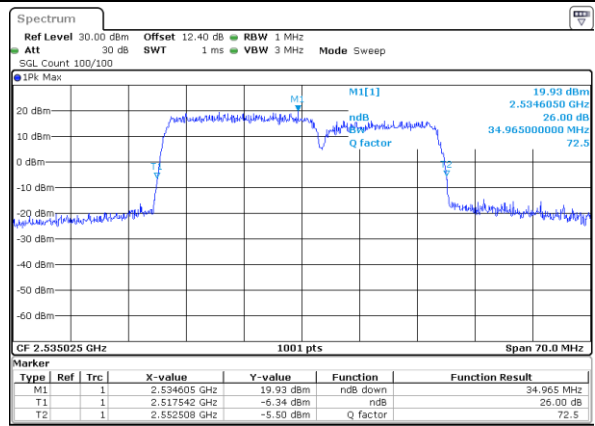
Date: 25.APR.2024 22:22:46

Middle Channel / 20MHz+10MHz



Date: 25.APR.2024 18:37:03

Middle Channel / 20MHz+15MHz



Date: 25.APR.2024 22:51:37

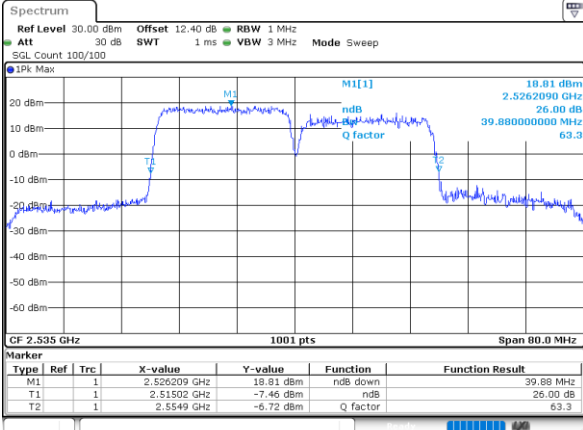


LTE Band 7C

64QAM

Middle Channel / 20MHz+20MHz

N/A



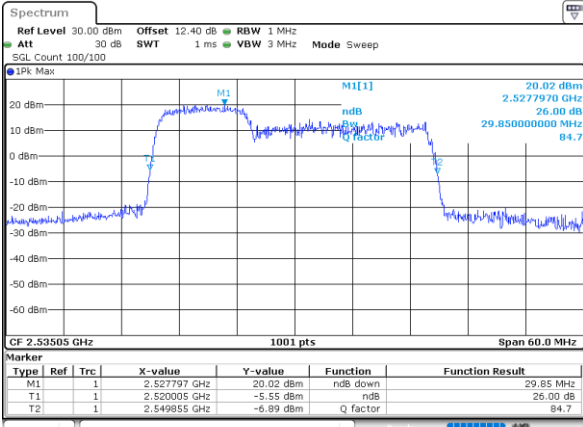
Date: 25, APR, 2024 23:20:26



LTE Band 7C

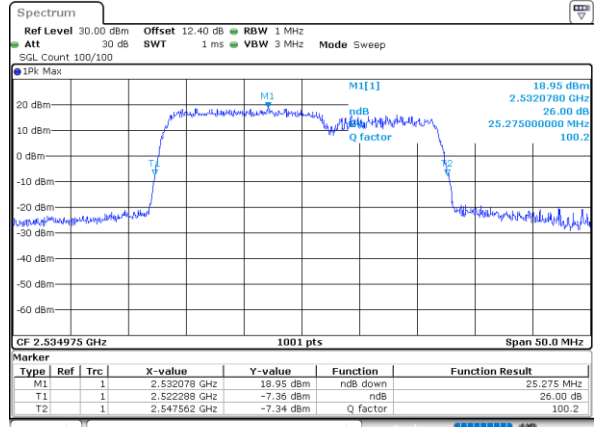
256QAM

Middle Channel / 10MHz+20MHz



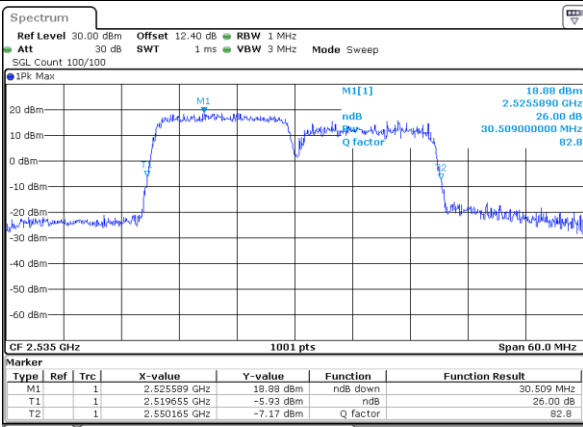
Date: 26.APR.2024 00:00:00

Middle Channel / 15MHz+10MHz



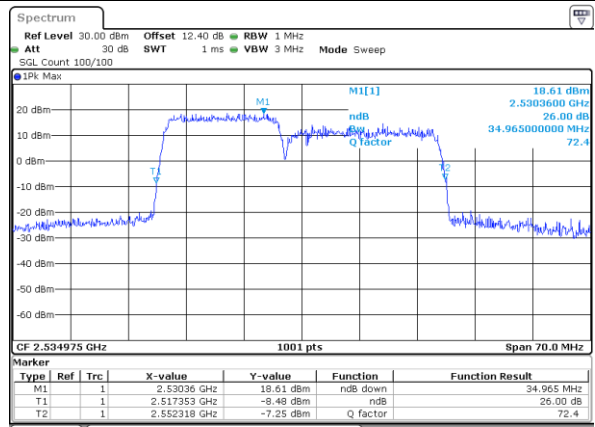
Date: 26.APR.2024 00:43:58

Middle Channel / 15MHz+15MHz



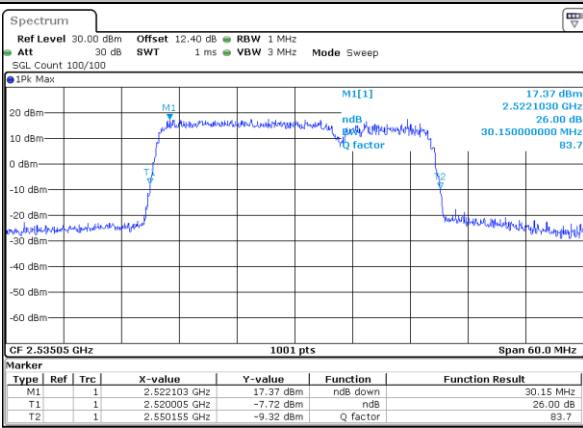
Date: 26.APR.2024 00:14:44

Middle Channel / 15MHz+20MHz



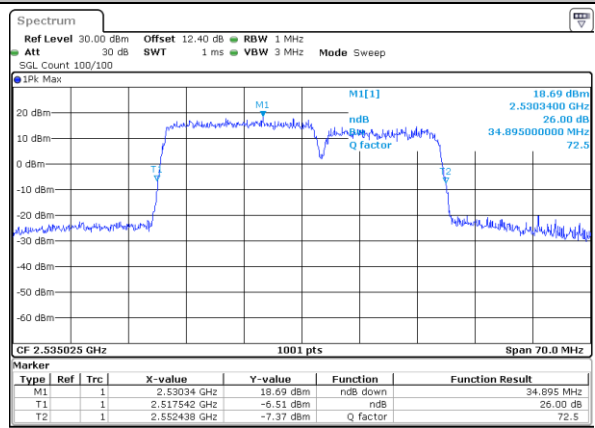
Date: 26.APR.2024 00:22:02

Middle Channel / 20MHz+10MHz



Date: 26.APR.2024 00:07:20

Middle Channel / 20MHz+15MHz



Date: 26.APR.2024 00:29:18

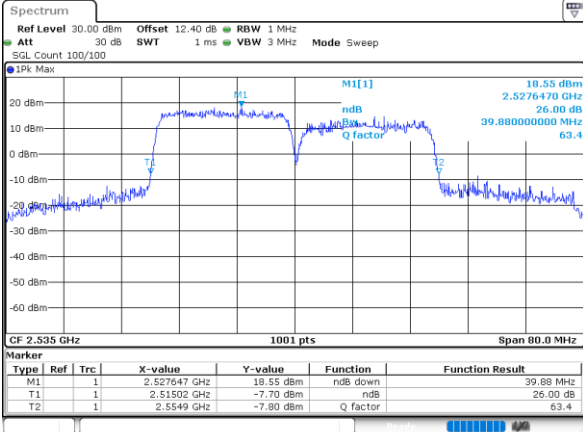


LTE Band 7C

256QAM

Middle Channel / 20MHz+20MHz

N/A



Date: 26, APR, 2024 00:36:37



Occupied Bandwidth

Mode	LTE Band 7C : 99%OBW(MHz)			
QPSK				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	27.75	23.37	28.65	32.72
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	28.05	32.86	37.56	

Mode	LTE Band 7C : 99%OBW(MHz)			
16QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	27.93	23.37	28.47	32.79
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	27.93	32.86	37.64	

Mode	LTE Band 7C : 99%OBW(MHz)			
64QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	27.93	23.37	28.41	32.72
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	27.93	32.86	37.48	

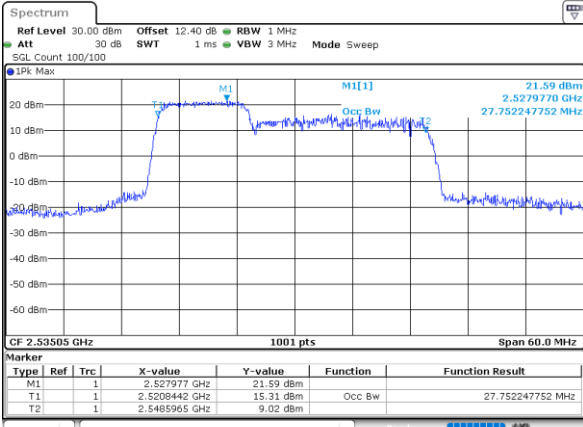
Mode	LTE Band 7C : 99%OBW(MHz)			
256QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	27.87	23.32	28.47	32.79
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	27.99	32.72	37.64	



LTE Band 7C

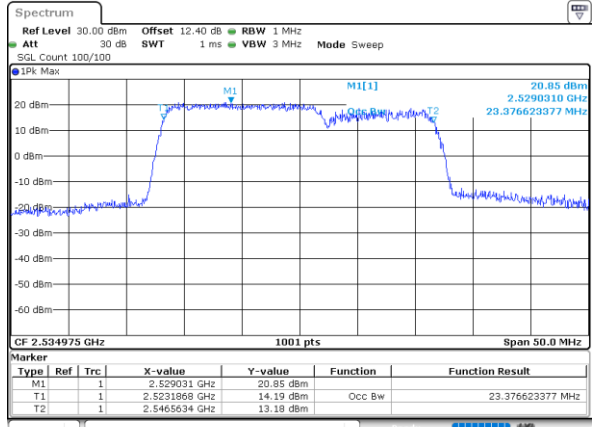
QPSK

Middle Channel / 10MHz+20MHz



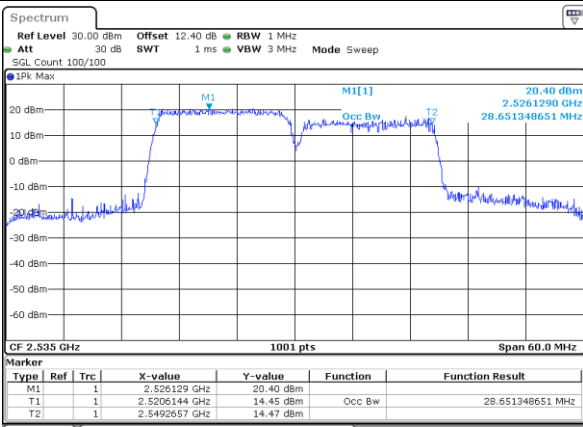
Date: 25.APR.2024 17:56:49

Middle Channel / 15MHz+10MHz



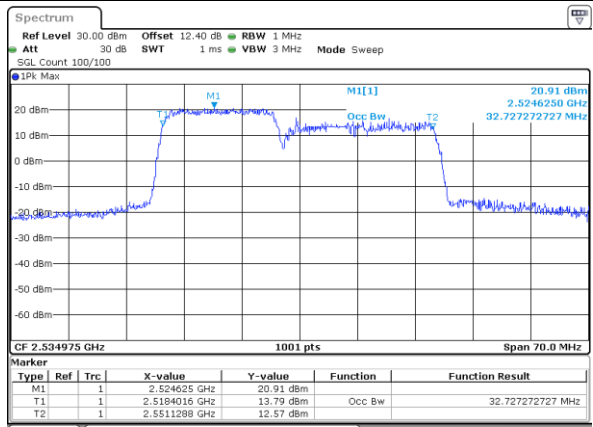
Date: 25.APR.2024 23:48:03

Middle Channel / 15MHz+15MHz



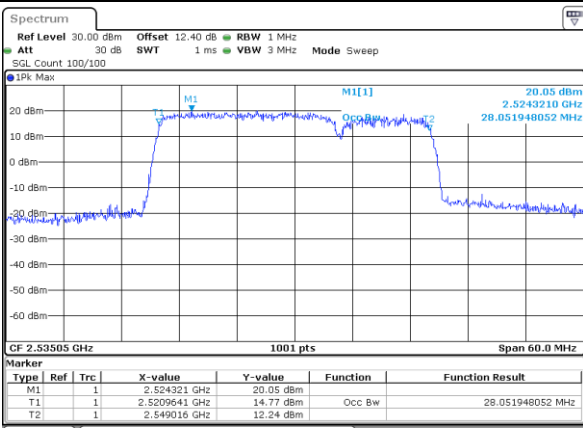
Date: 25.APR.2024 21:52:38

Middle Channel / 15MHz+20MHz



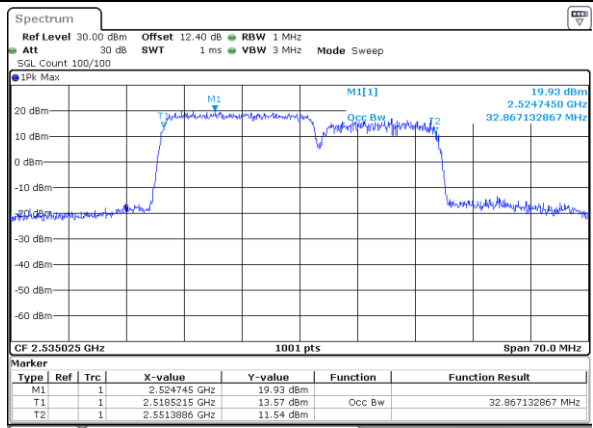
Date: 25.APR.2024 22:21:31

Middle Channel / 20MHz+10MHz



Date: 25.APR.2024 18:35:48

Middle Channel / 20MHz+15MHz



Date: 25.APR.2024 22:50:23

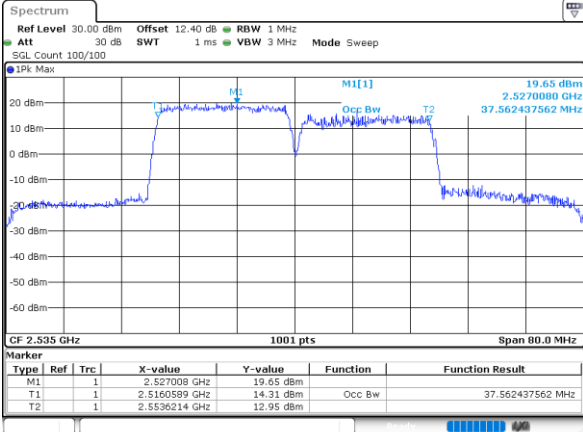


LTE Band 7C

QPSK

Middle Channel / 20MHz+20MHz

N/A



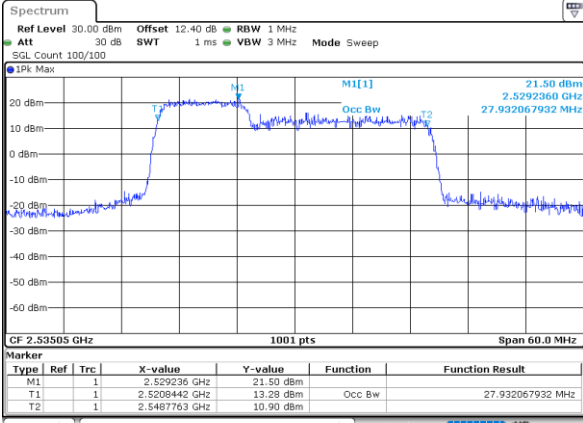
Date: 25, APR, 2024 23:19:12



LTE Band 7C

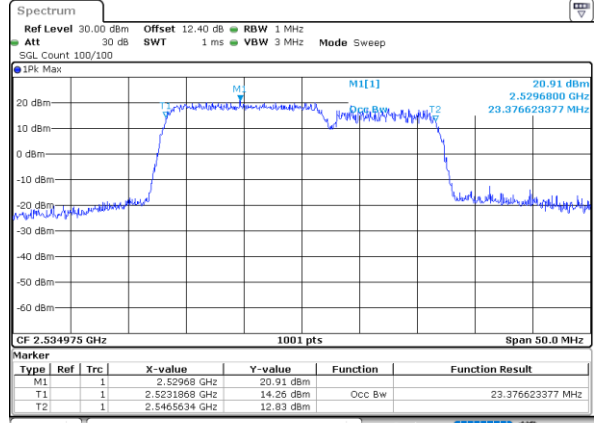
16QAM

Middle Channel / 10MHz+20MHz



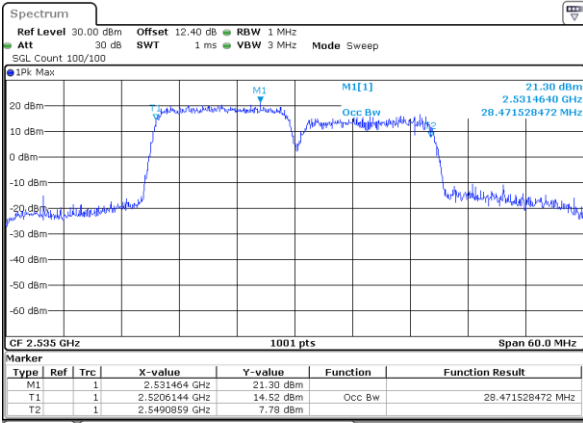
Date: 25.APR.2024 17:57:14

Middle Channel / 15MHz+10MHz



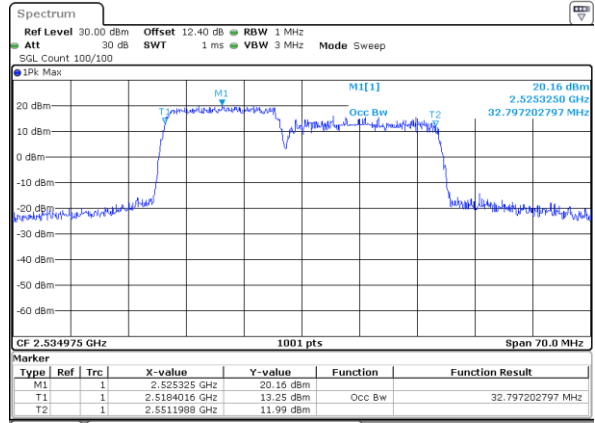
Date: 25.APR.2024 23:48:28

Middle Channel / 15MHz+15MHz



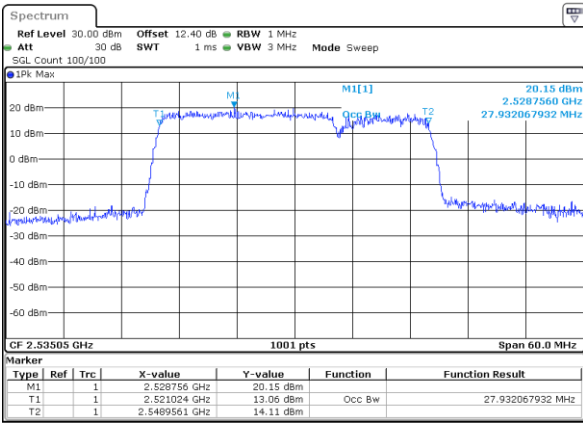
Date: 25.APR.2024 21:53:03

Middle Channel / 15MHz+20MHz



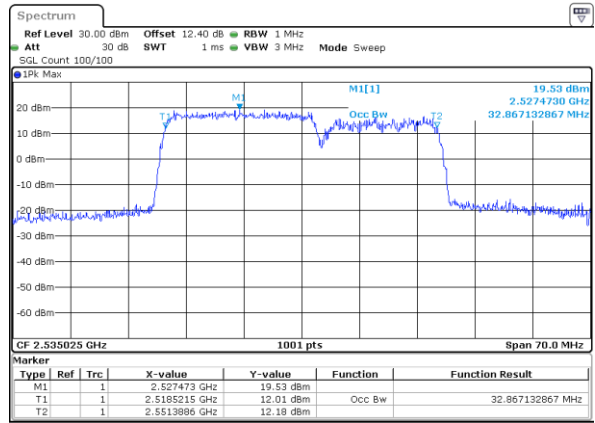
Date: 25.APR.2024 22:21:56

Middle Channel / 20MHz+10MHz



Date: 25.APR.2024 18:36:13

Middle Channel / 20MHz+15MHz



Date: 25.APR.2024 22:50:48

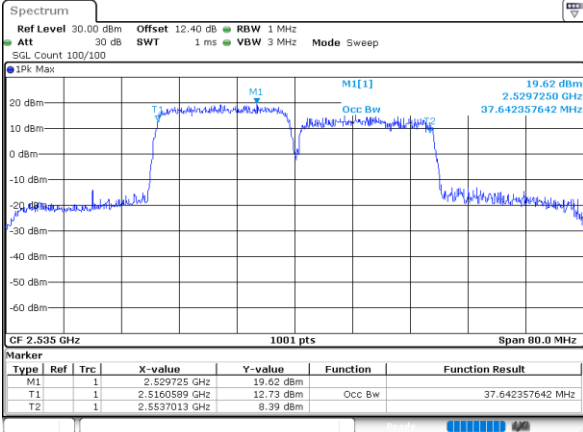


LTE Band 7C

16QAM

Middle Channel / 20MHz+20MHz

N/A



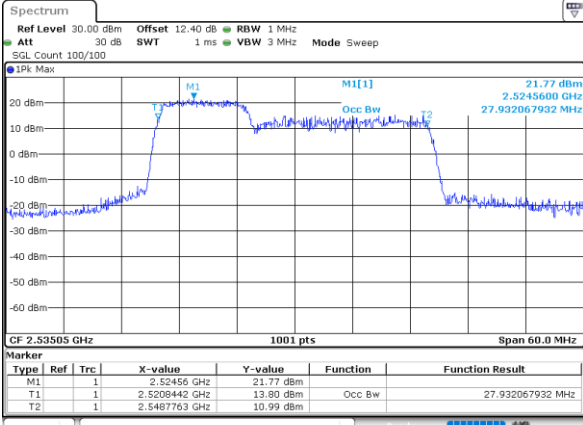
Date: 25, APR, 2024 23:19:37



LTE Band 7C

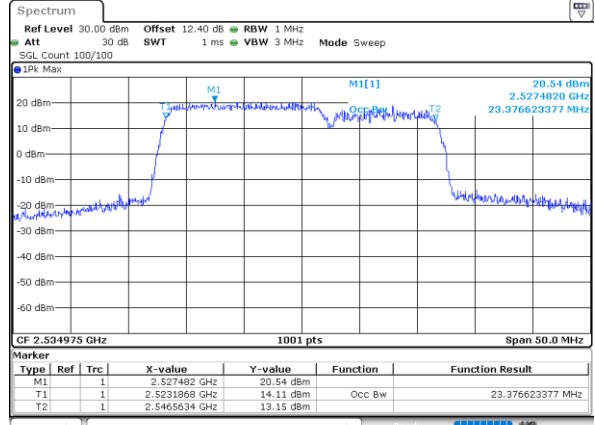
64QAM

Middle Channel / 10MHz+20MHz



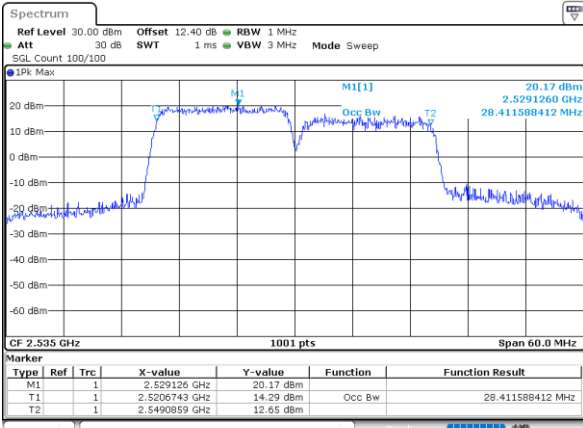
Date: 25.APR.2024 17:57:40

Middle Channel / 15MHz+10MHz



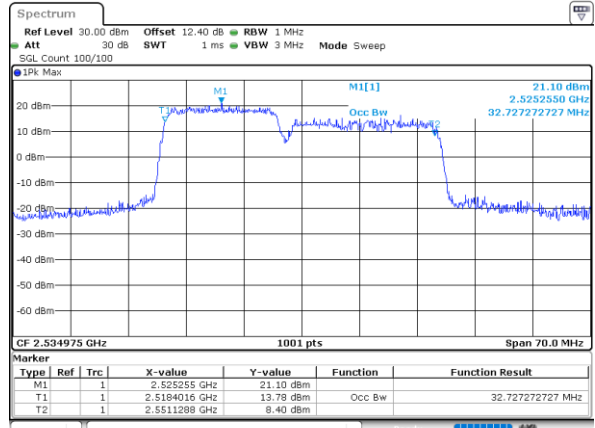
Date: 25.APR.2024 23:48:53

Middle Channel / 15MHz+15MHz



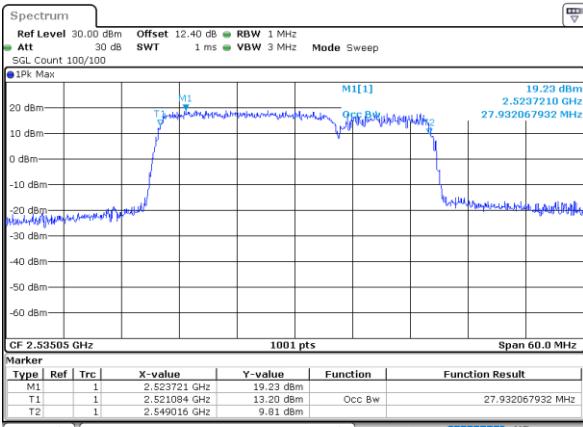
Date: 25.APR.2024 21:53:28

Middle Channel / 15MHz+20MHz



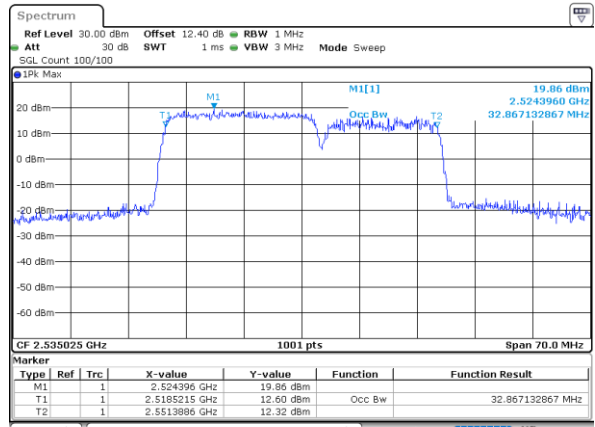
Date: 25.APR.2024 22:22:22

Middle Channel / 20MHz+10MHz



Date: 25.APR.2024 18:36:39

Middle Channel / 20MHz+15MHz



Date: 25.APR.2024 22:51:13

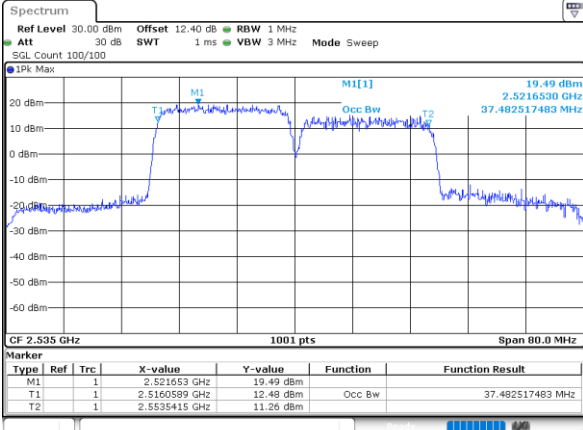


LTE Band 7C

64QAM

Middle Channel / 20MHz+20MHz

N/A



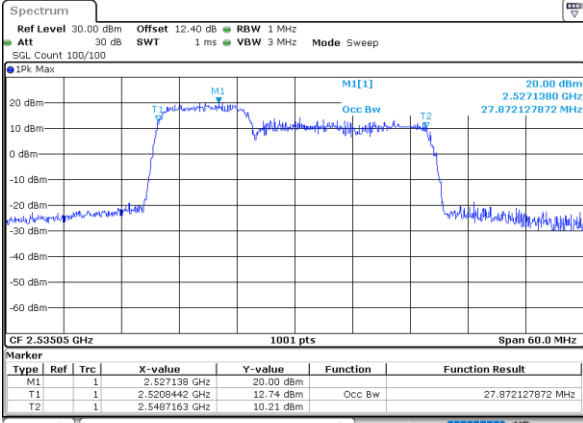
Date: 25, APR, 2024 23:20:02



LTE Band 7C

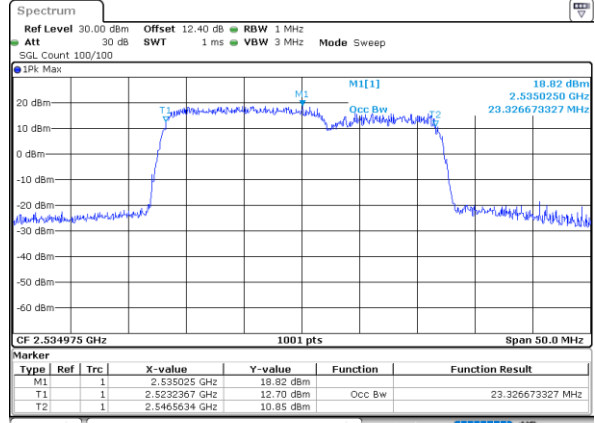
256QAM

Middle Channel / 10MHz+20MHz



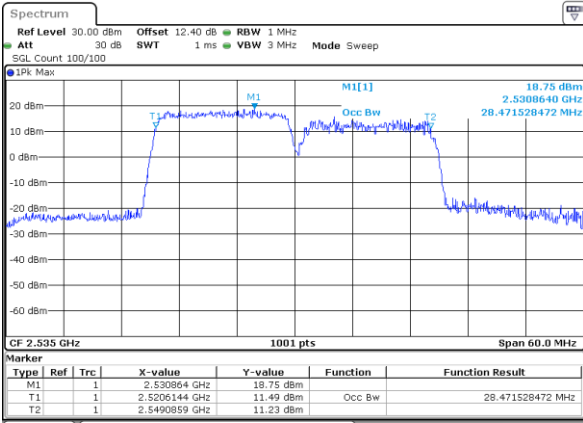
Date: 25, APR, 2024 23:59:36

Middle Channel / 15MHz+10MHz



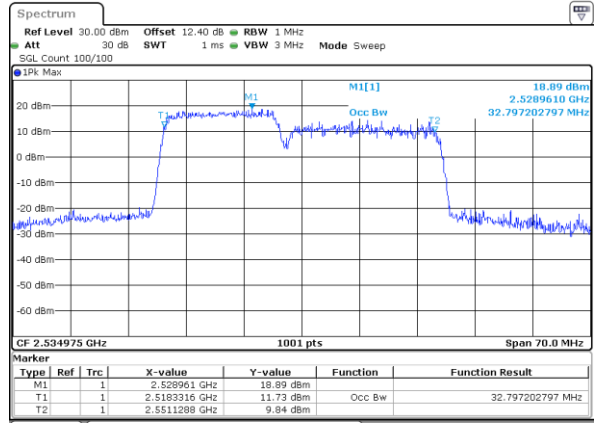
Date: 26, APR, 2024 00:43:34

Middle Channel / 15MHz+15MHz



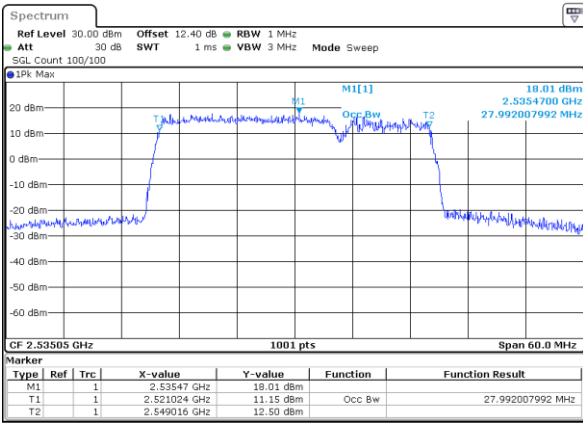
Date: 26, APR, 2024 00:14:20

Middle Channel / 15MHz+20MHz



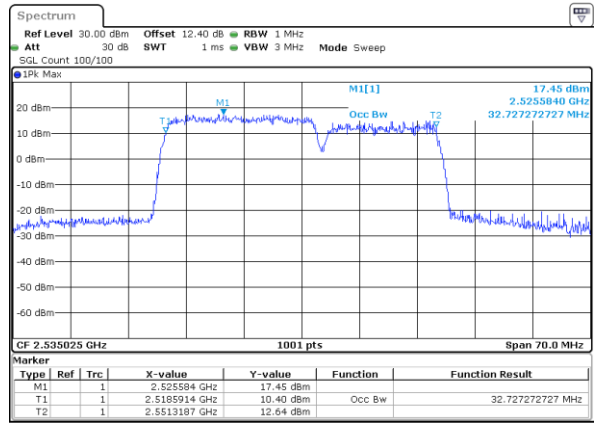
Date: 26, APR, 2024 00:21:37

Middle Channel / 20MHz+10MHz



Date: 26, APR, 2024 00:06:56

Middle Channel / 20MHz+15MHz



Date: 26, APR, 2024 00:28:54

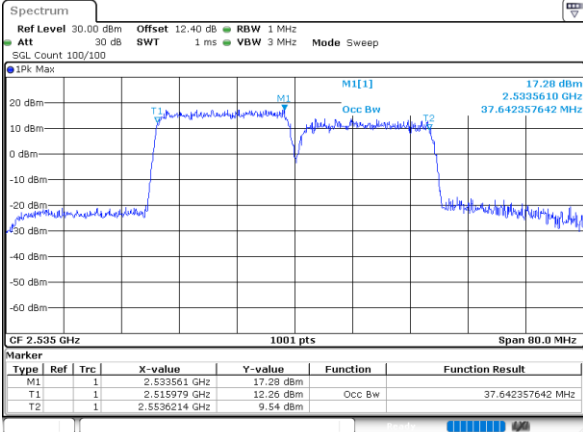


LTE Band 7C

256QAM

Middle Channel / 20MHz+20MHz

N/A



Date: 26, APR, 2024 00:36:13

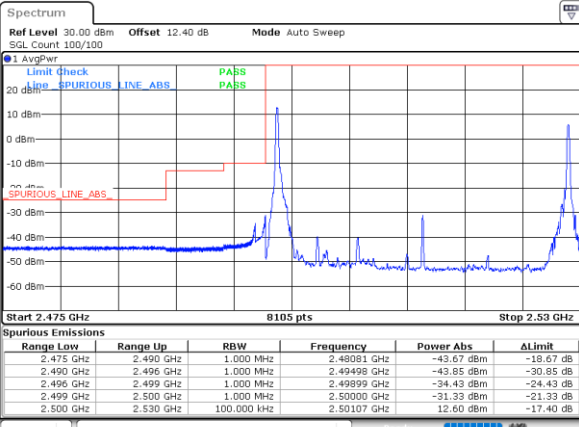


Conducted Band Edge

LTE Band 7C / 10MHz+20MHz

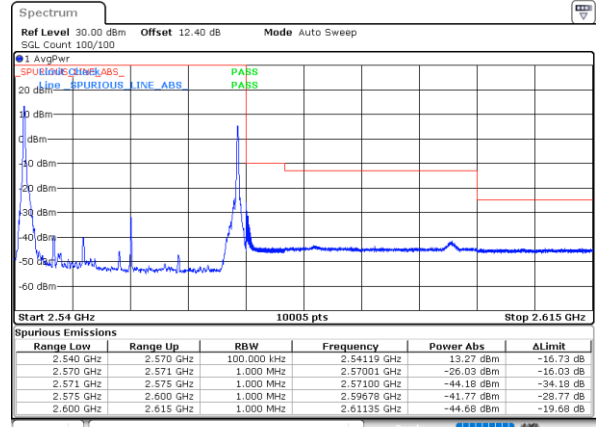
QPSK

Lowest Band Edge / 1RB0 and 1RB99



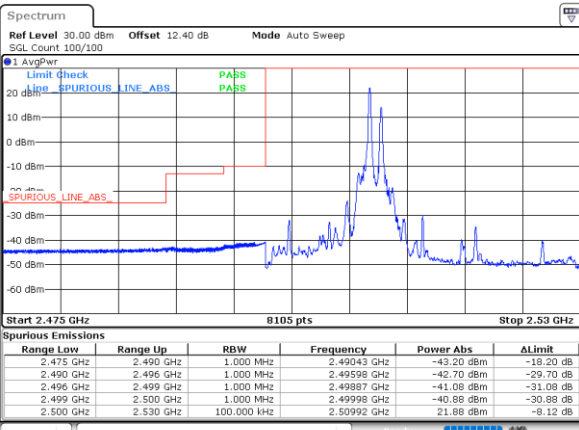
Date: 25.APR.2024 17:47:01

Highest Band Edge / 1RB0 and 1RB99



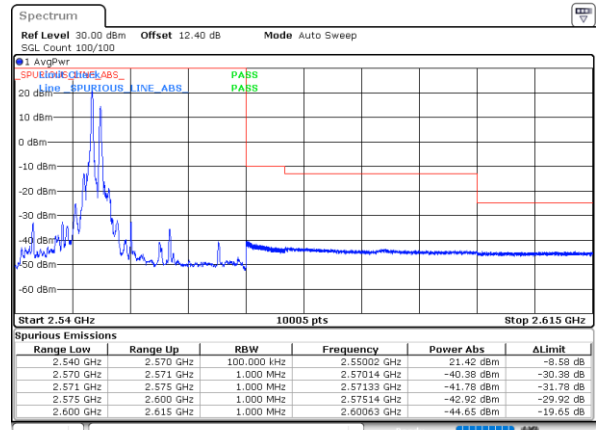
Date: 25.APR.2024 17:33:19

Lowest Band Edge / 1RB49 and 1RB0



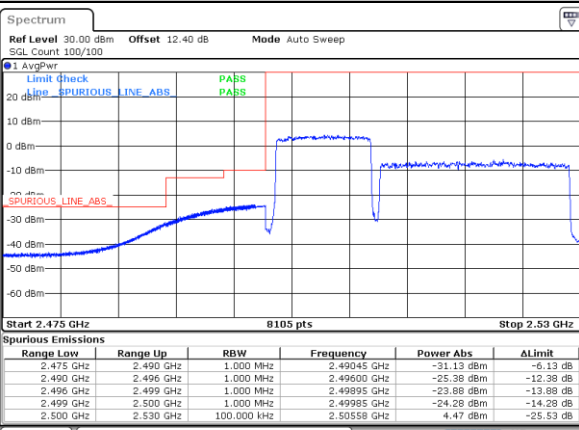
Date: 25.APR.2024 17:47:55

Highest Band Edge / 1RB49 and 1RB0



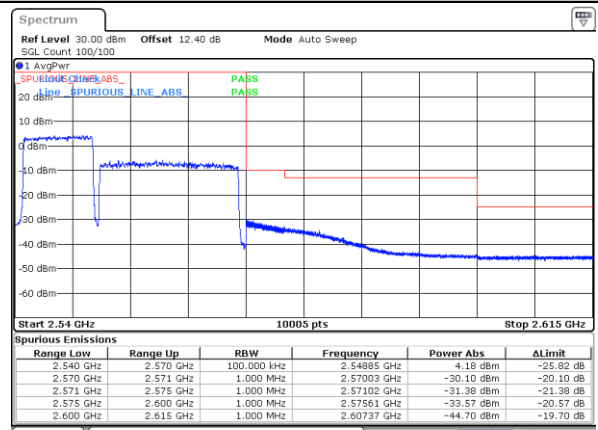
Date: 25.APR.2024 17:33:50

Lowest Band Edge / Full RB



Date: 25.APR.2024 17:42:30

Highest Band Edge / Full RB



Date: 25.APR.2024 17:32:25

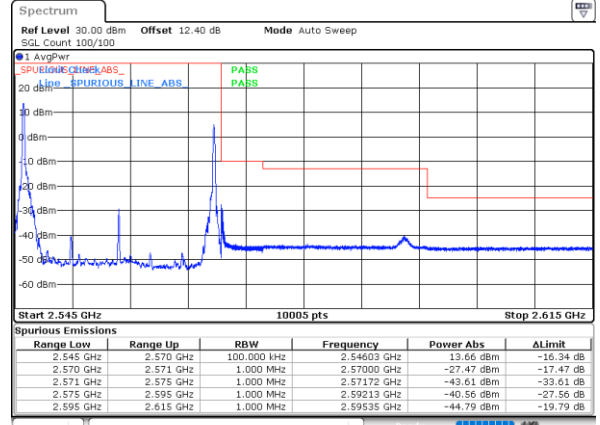
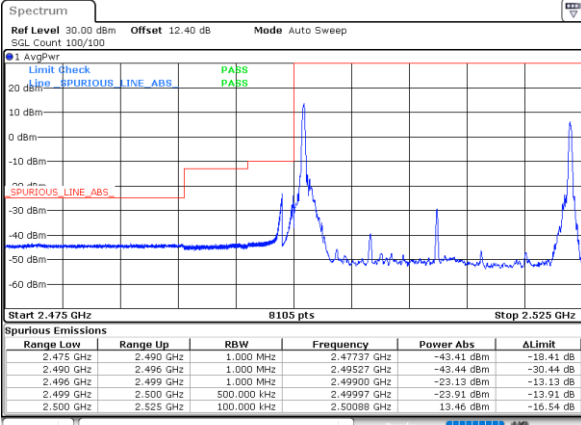


LTE Band 7C / 15MHz+10MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

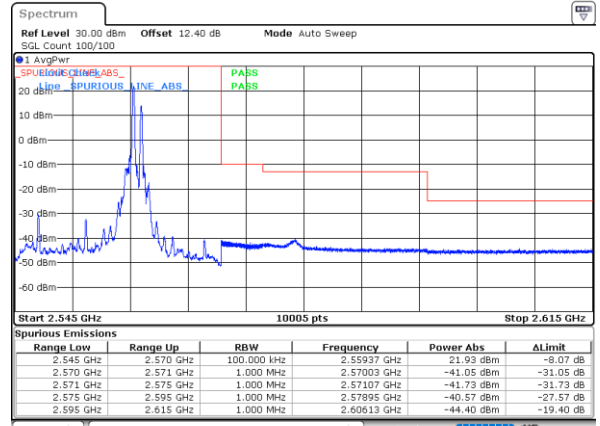
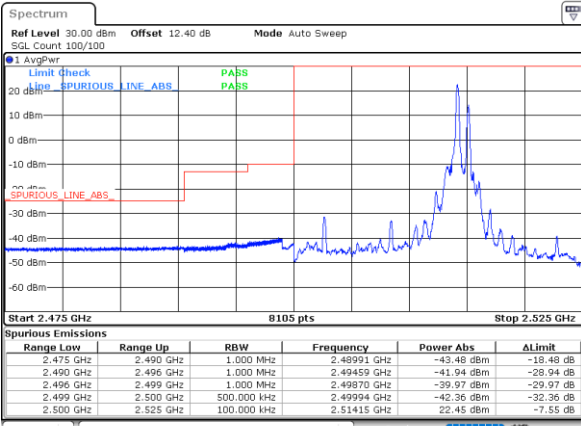


Date: 25.APR.2024 23:42:27

Date: 25.APR.2024 23:28:48

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

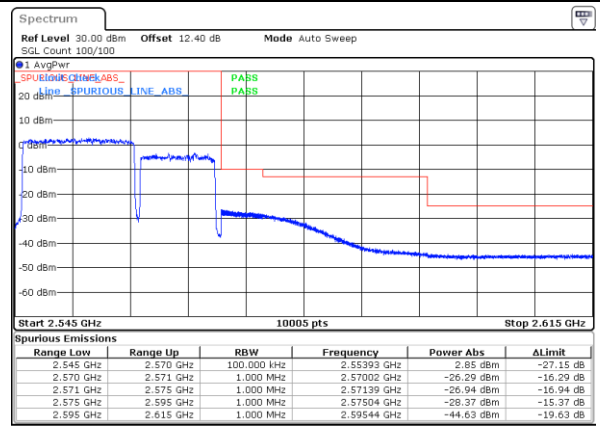
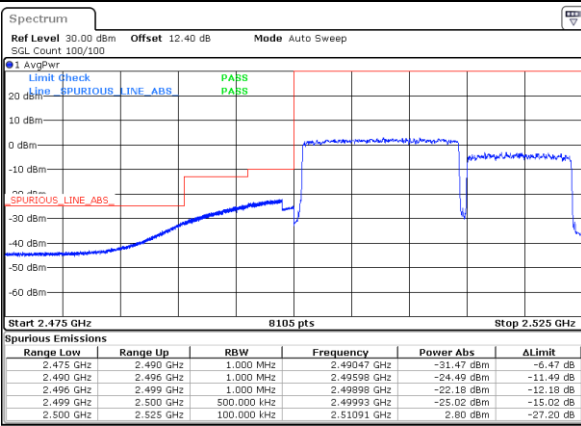


Date: 25.APR.2024 23:43:21

Date: 25.APR.2024 23:33:17

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 25.APR.2024 23:37:57

Date: 25.APR.2024 23:27:53

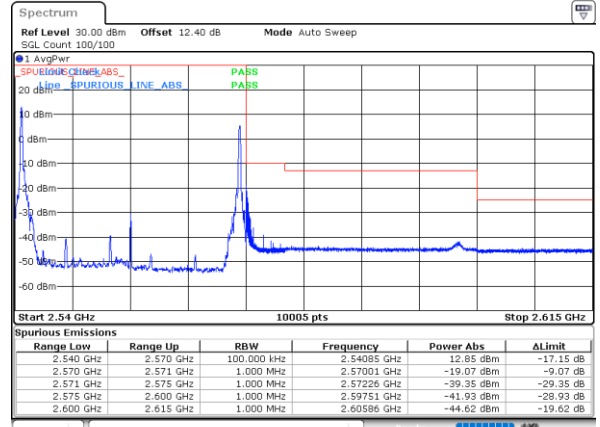
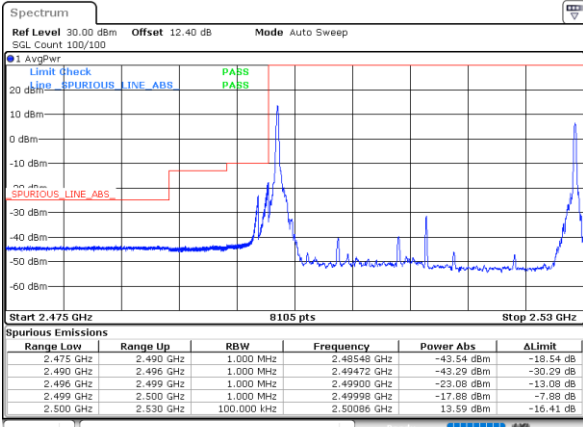


LTE Band 7C / 15MHz+15MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

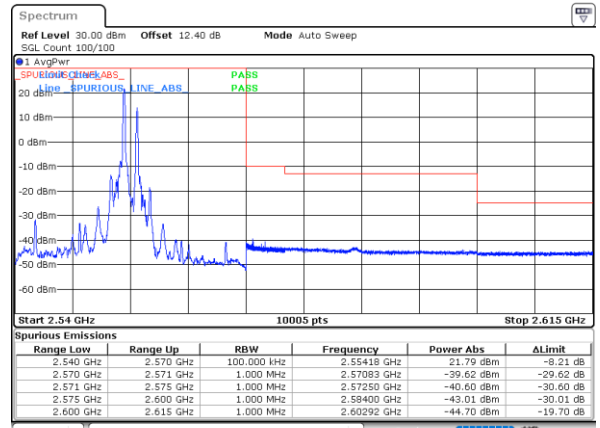
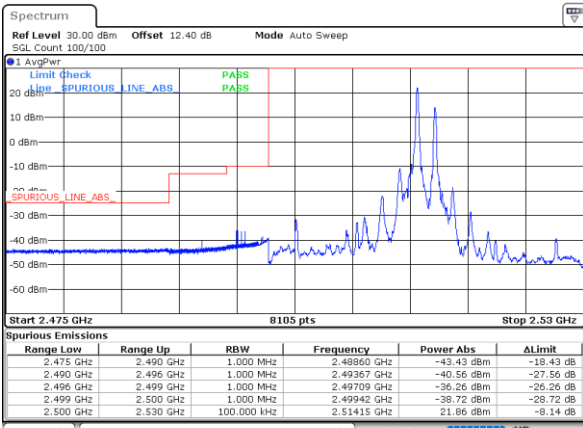


Date: 25.APR.2024 18:59:07

Date: 25.APR.2024 18:45:25

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

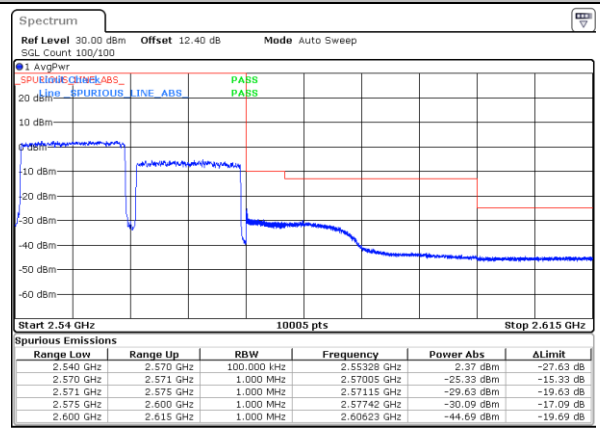
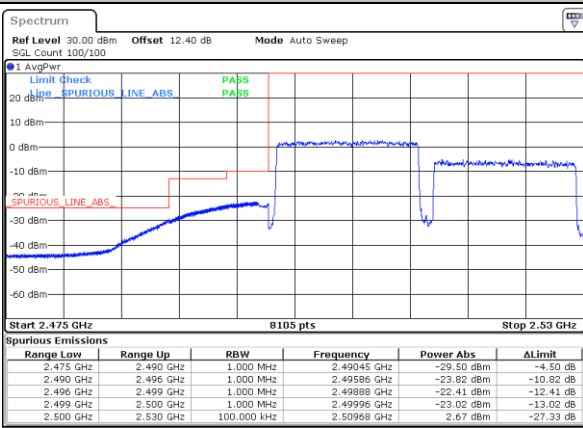


Date: 25.APR.2024 19:00:01

Date: 25.APR.2024 18:49:55

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 25.APR.2024 18:54:36

Date: 25.APR.2024 18:44:30

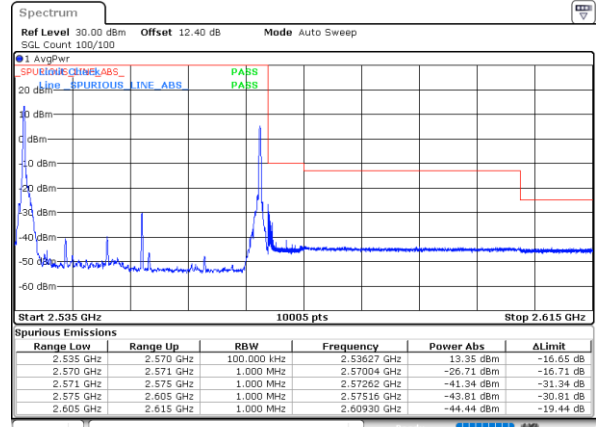
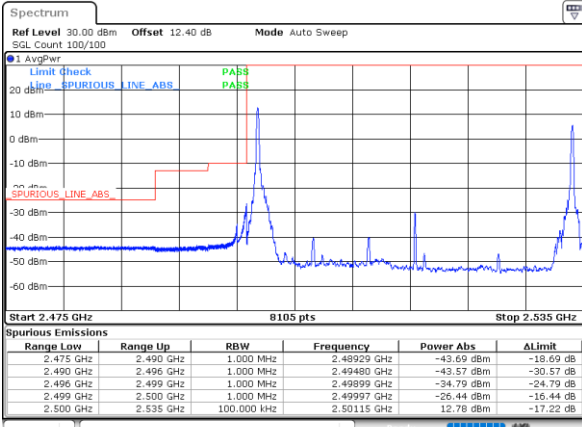


LTE Band 7C / 15MHz+20MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB99

Highest Band Edge / 1RB0 and 1RB99

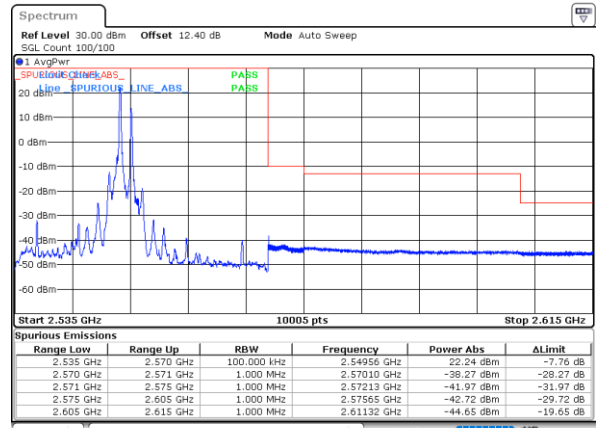
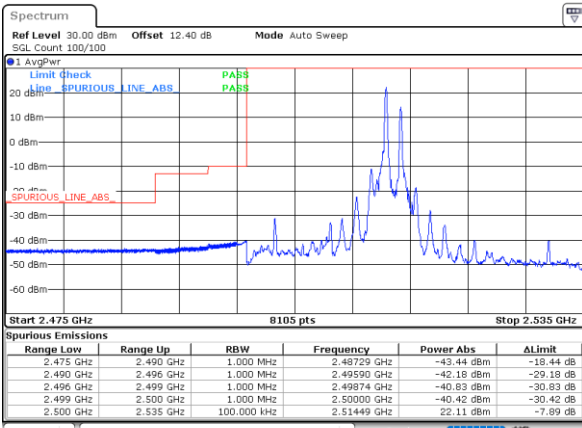


Date: 25.APR.2024 22:15:51

Date: 25.APR.2024 22:02:09

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

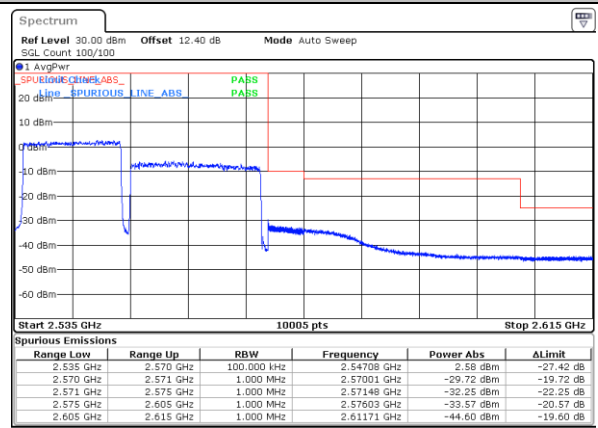
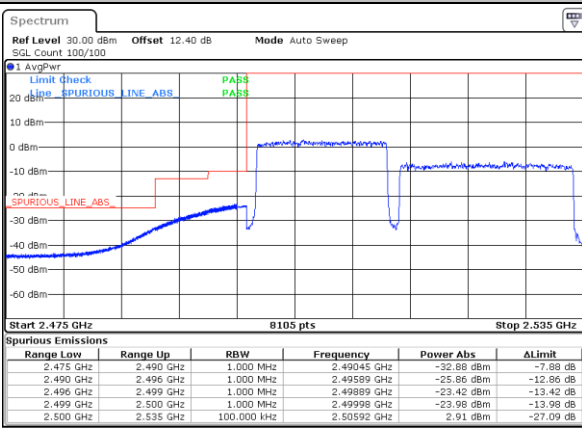


Date: 25.APR.2024 22:16:45

Date: 25.APR.2024 22:06:40

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 25.APR.2024 22:11:20

Date: 25.APR.2024 22:01:15