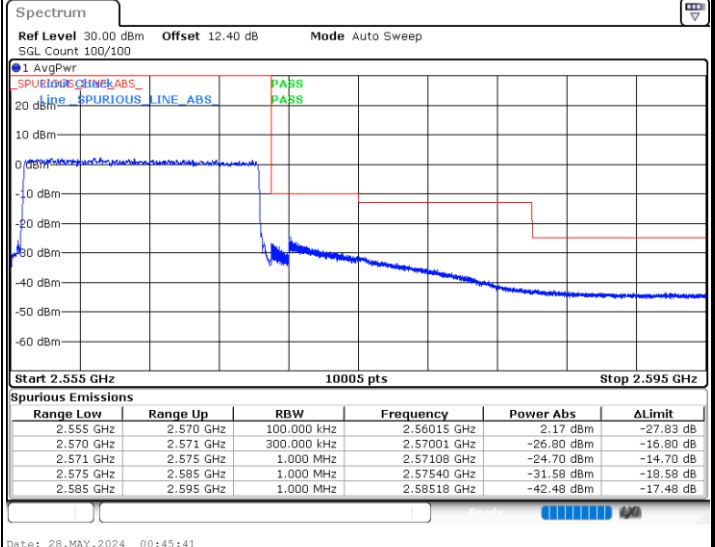
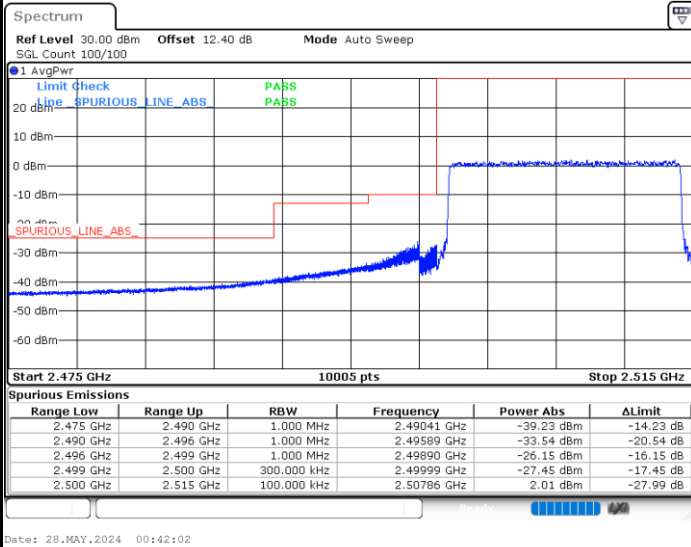




LTE Band 7 / 15MHz / 64QAM

Lowest Band Edge / Full RB

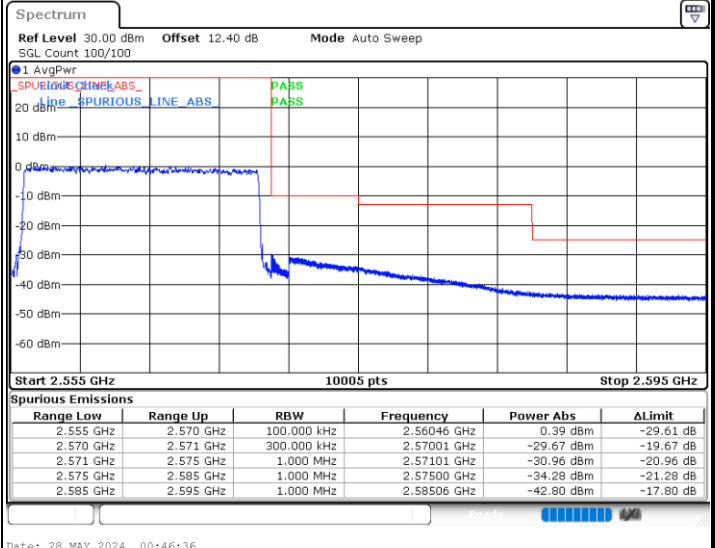
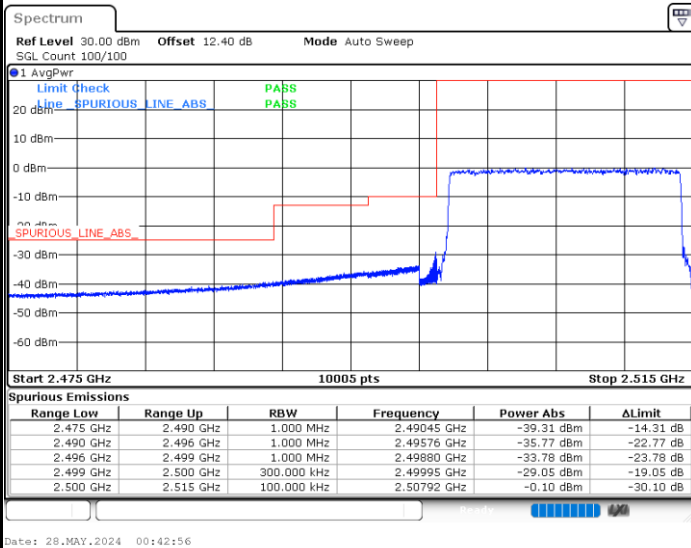
Highest Band Edge / Full RB



LTE Band 7 / 15MHz / 256QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

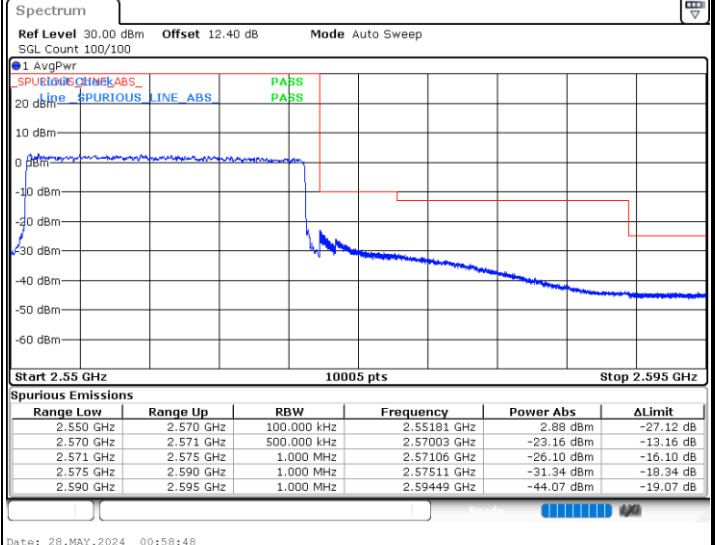
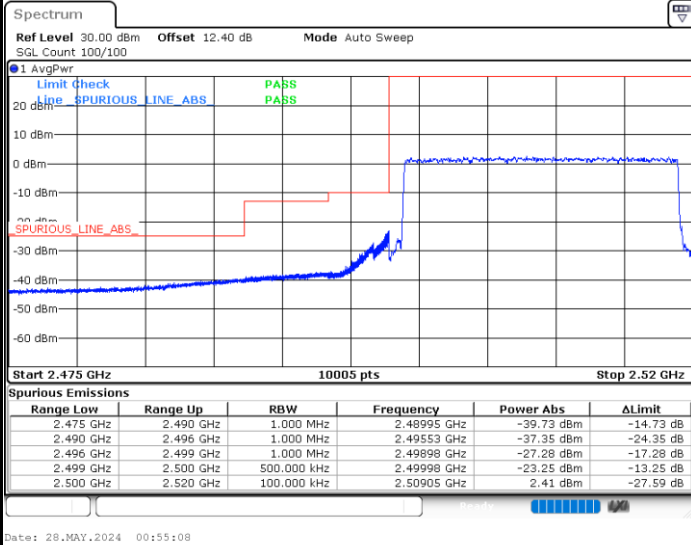




LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / Full RB

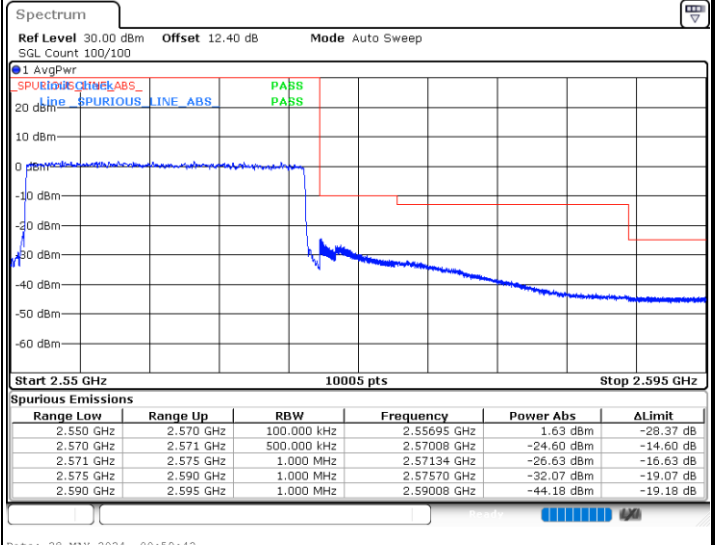
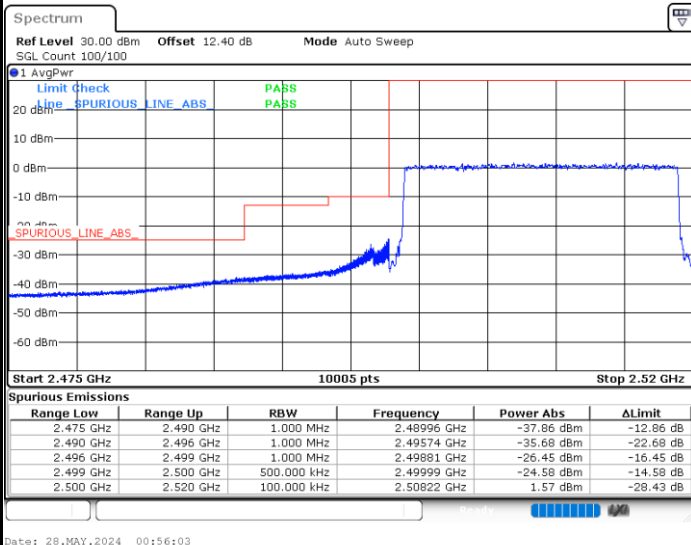
Highest Band Edge / Full RB



LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

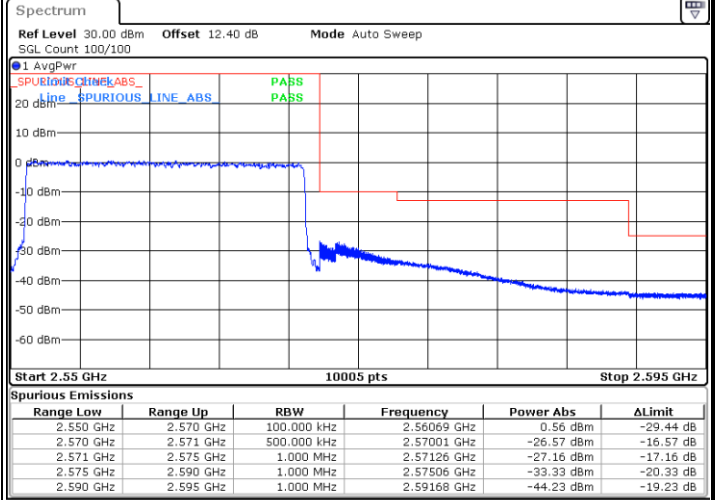
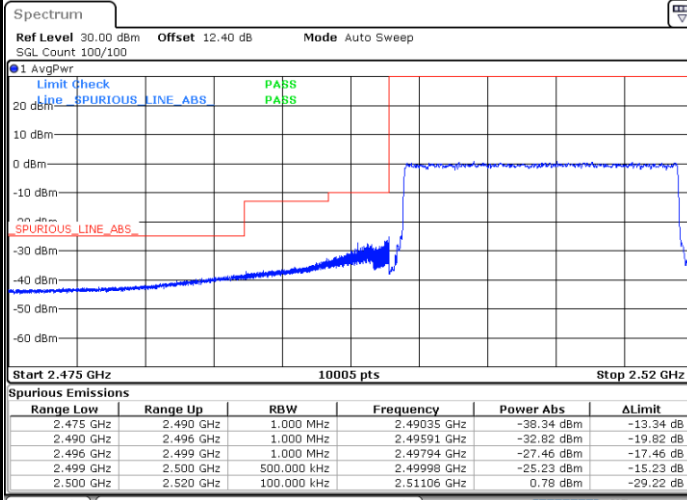




LTE Band 7 / 20MHz / 64QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



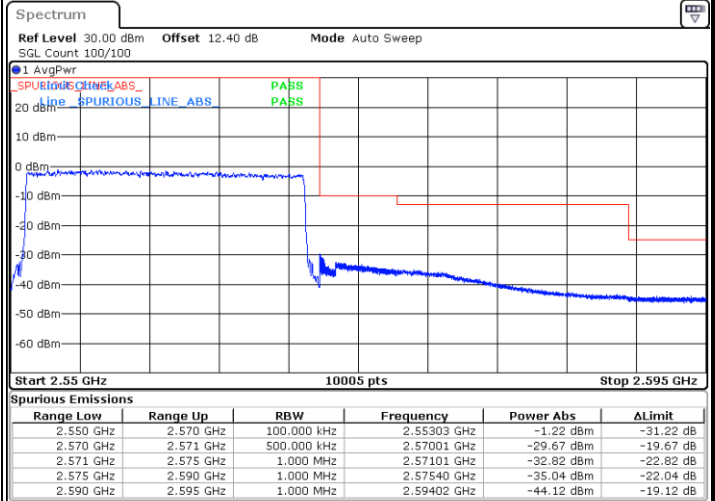
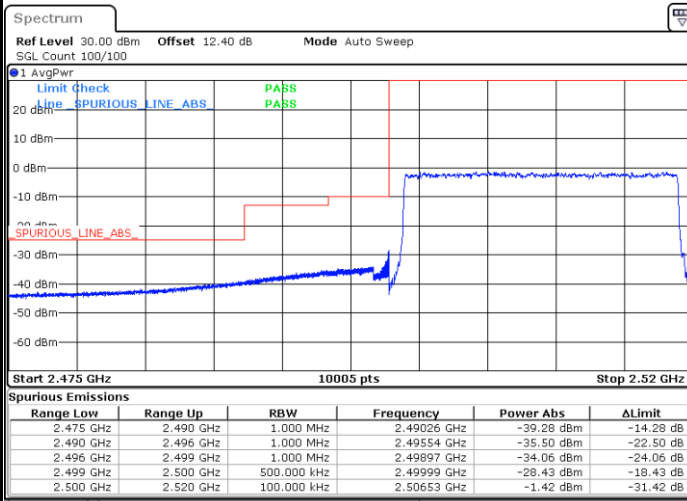
Date: 28.MAY.2024 00:56:57

Date: 28.MAY.2024 01:00:36

LTE Band 7 / 20MHz / 256QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

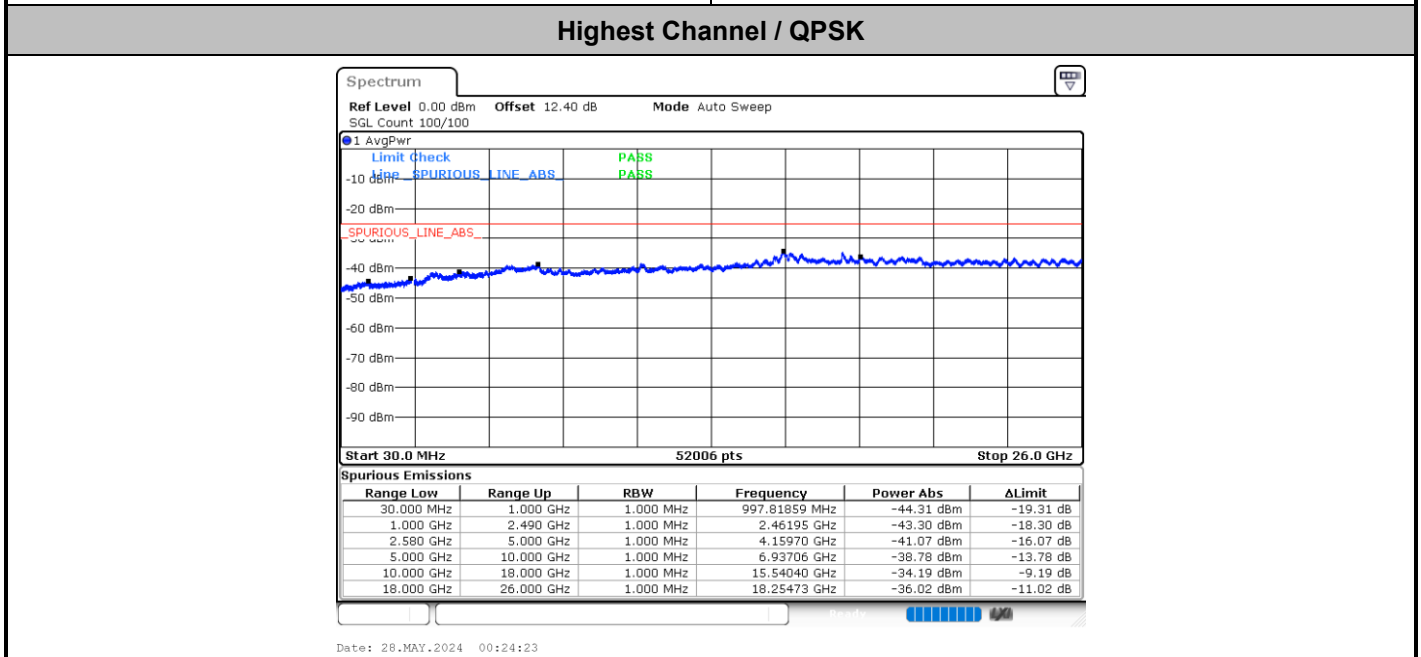
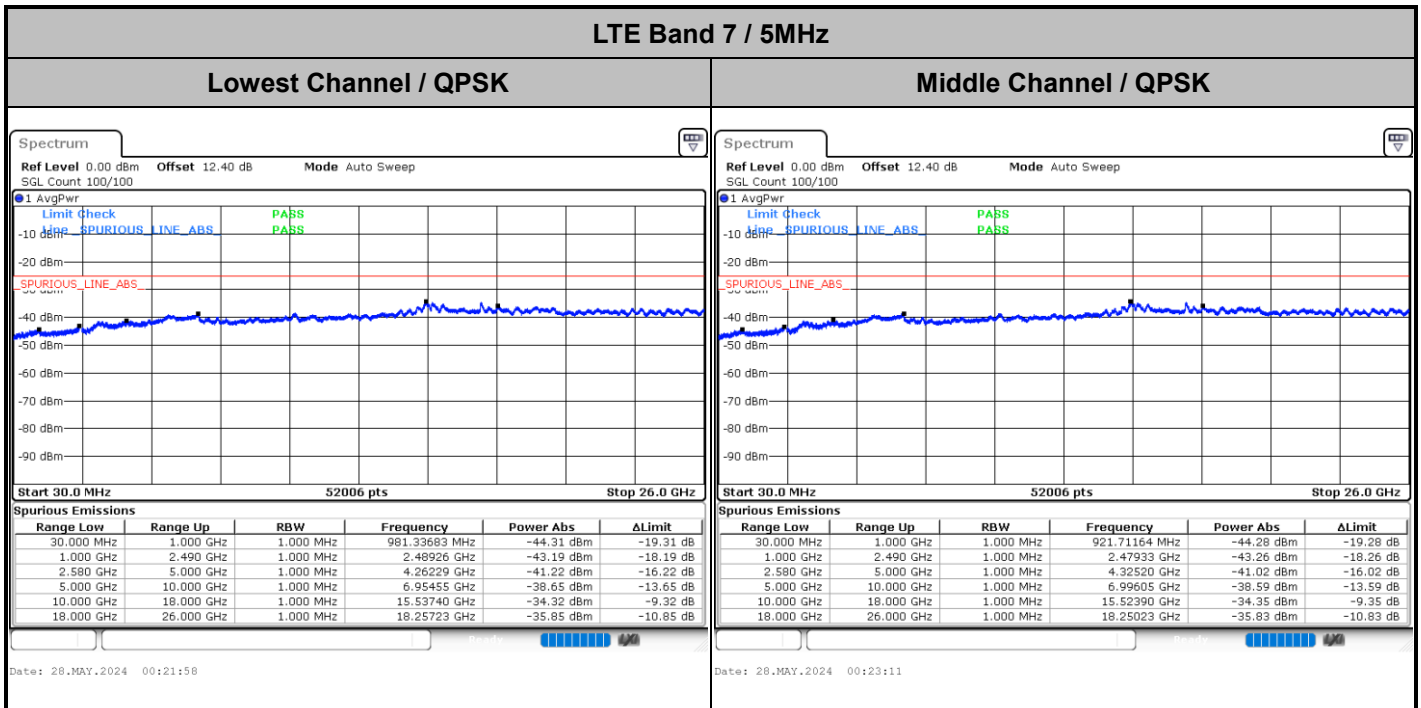


Date: 28.MAY.2024 00:57:51

Date: 28.MAY.2024 01:01:30



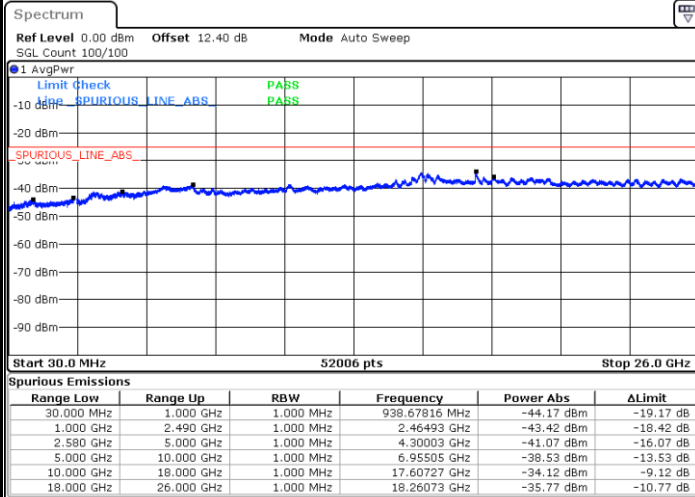
Conducted Spurious Emission





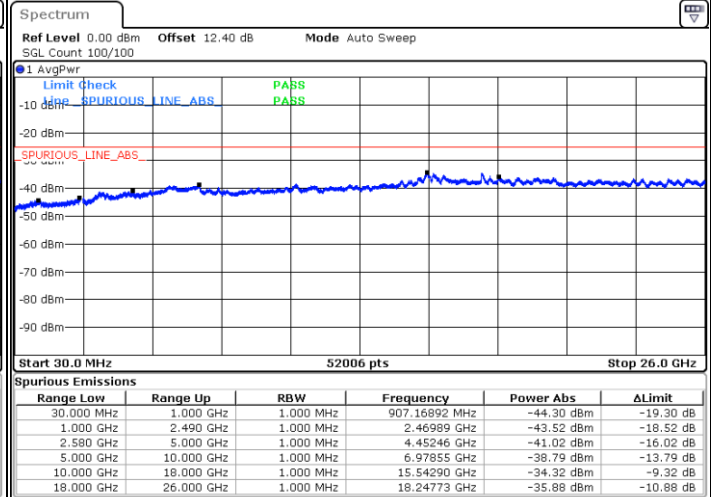
LTE Band 7 / 10MHz

Lowest Channel / QPSK



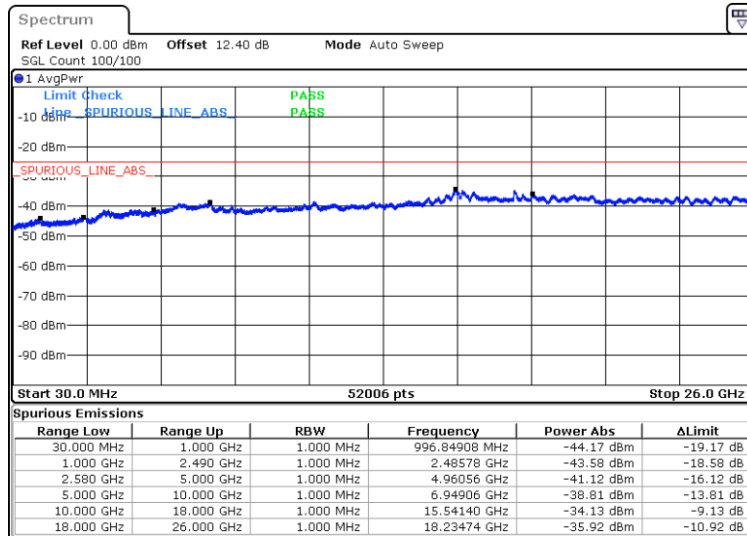
Date: 28.MAY.2024 00:36:53

Middle Channel / QPSK



Date: 28.MAY.2024 00:38:05

Highest Channel / QPSK



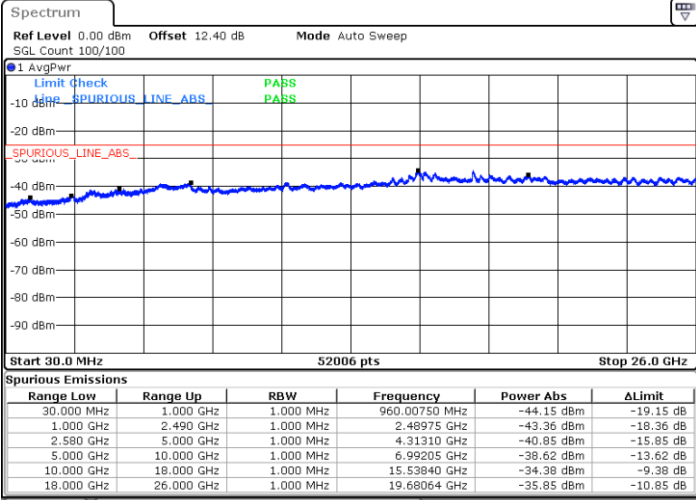
Date: 28.MAY.2024 00:39:18



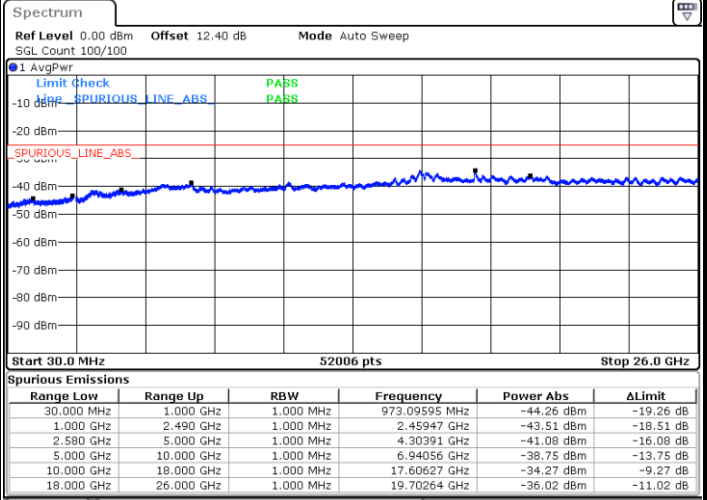
LTE Band 7 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

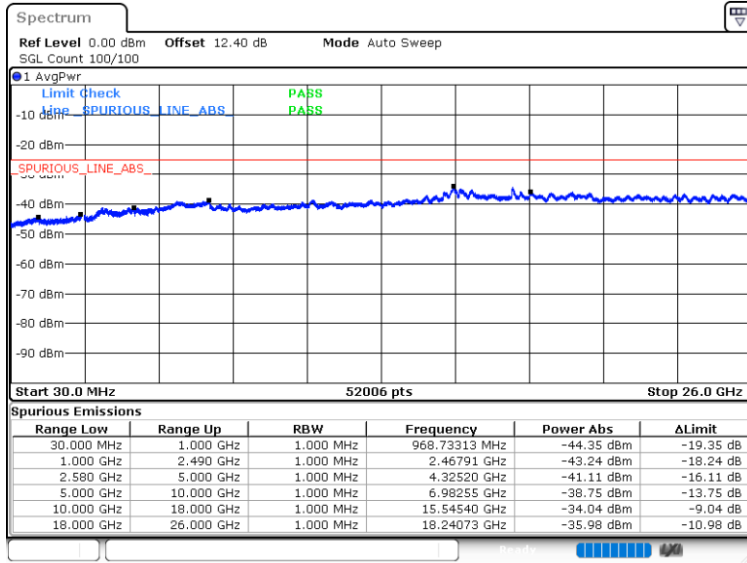


Date: 28.MAY.2024 00:51:06



Date: 28.MAY.2024 00:52:19

Highest Channel / QPSK



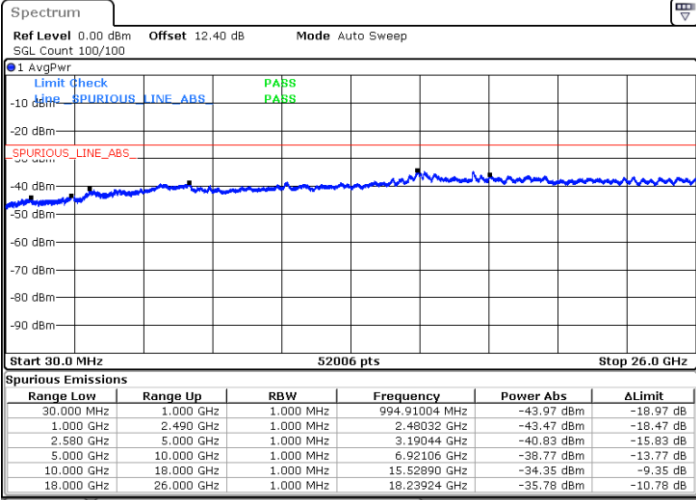
Date: 28.MAY.2024 00:53:31



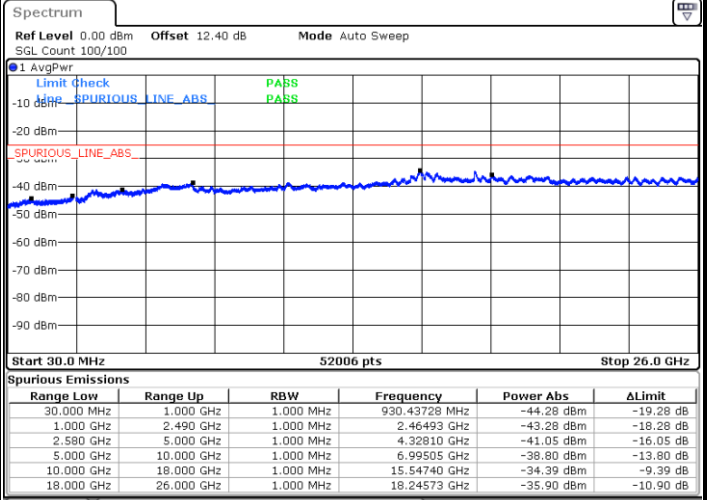
LTE Band 7 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

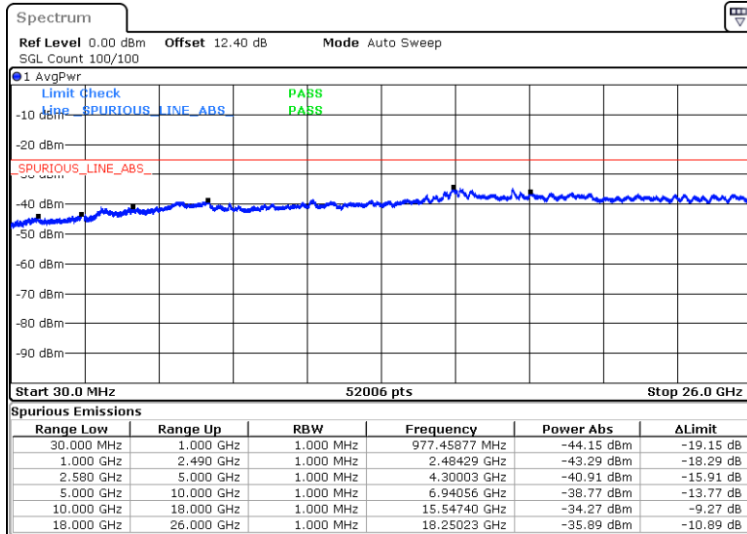


Date: 28.MAY.2024 01:07:43



Date: 28.MAY.2024 01:08:56

Highest Channel / QPSK



Date: 28.MAY.2024 01:10:08

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	0.0017	PASS
40	Normal Voltage	0.0014	
30	Normal Voltage	0.0015	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0004	
0	Normal Voltage	0.0007	
-10	Normal Voltage	0.0036	
-20	Normal Voltage	0.0012	
-30	Normal Voltage	0.0014	
20	Maximum Voltage	0.0040	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0006	

Note:

1. Normal Voltage = 3.3 V. ; Battery End Point (BEP) = 3.135 V. ; Maximum Voltage = 3.465 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	25.42	30.50	34.75
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.44	34.89	39.79	

Mode	LTE Band 7C : 26dB BW(MHz)			
16QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	29.96	25.17	30.50	34.82
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.03	34.89	39.88	

Mode	LTE Band 7C : 26dB BW(MHz)			
64QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	29.85	25.32	30.32	34.82
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.08	34.89	39.79	

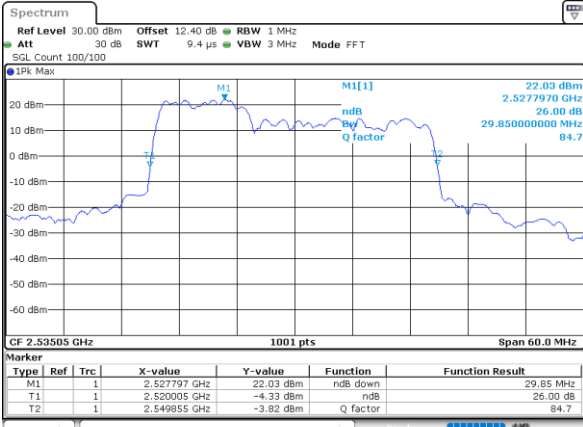
Mode	LTE Band 7C : 26dB BW(MHz)			
256QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	29.73	25.27	30.68	34.82
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.03	35.03	39.79	



LTE Band 7C

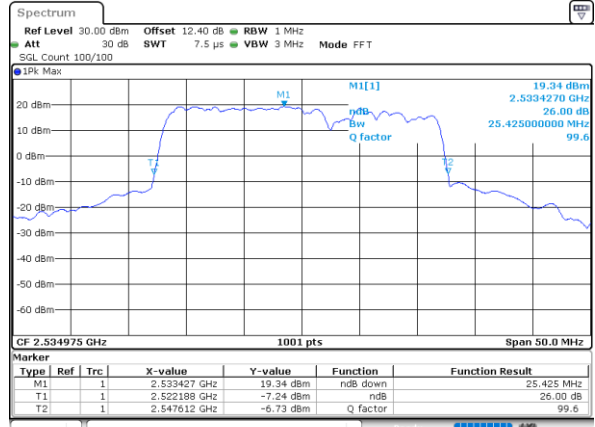
QPSK

Middle Channel / 10MHz+20MHz



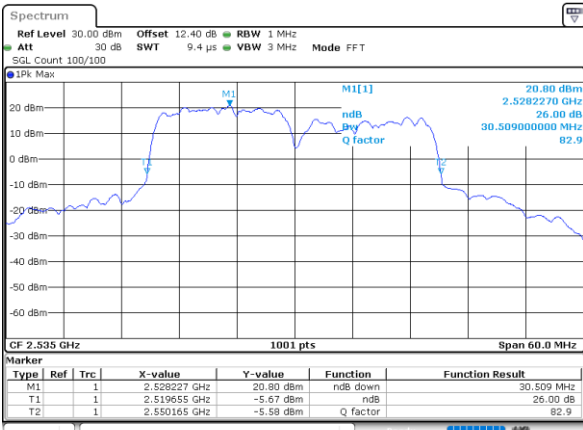
Date: 31.MAY.2024 04:04:07

Middle Channel / 15MHz+10MHz



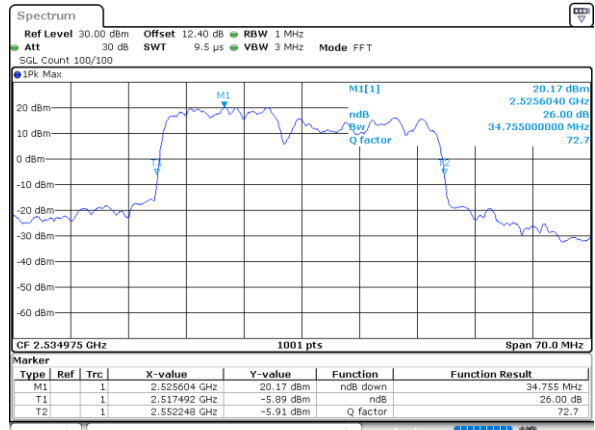
Date: 31.MAY.2024 07:10:54

Middle Channel / 15MHz+15MHz



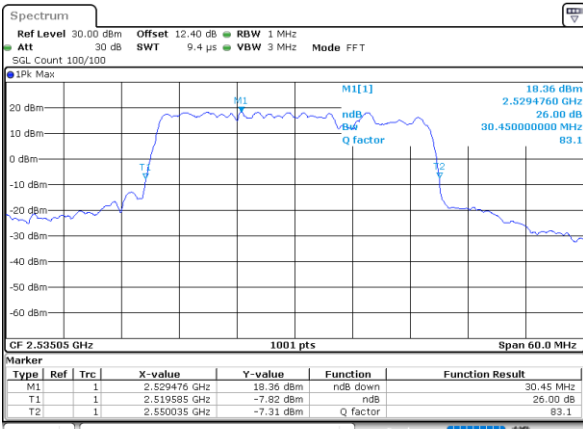
Date: 31.MAY.2024 05:05:03

Middle Channel / 15MHz+20MHz



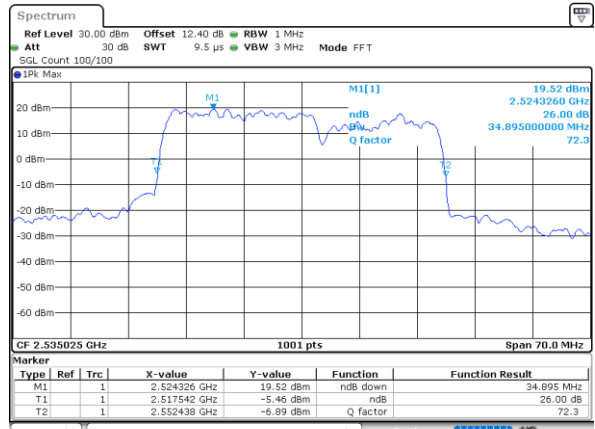
Date: 31.MAY.2024 05:35:56

Middle Channel / 20MHz+10MHz



Date: 31.MAY.2024 04:35:05

Middle Channel / 20MHz+15MHz



Date: 31.MAY.2024 06:10:46

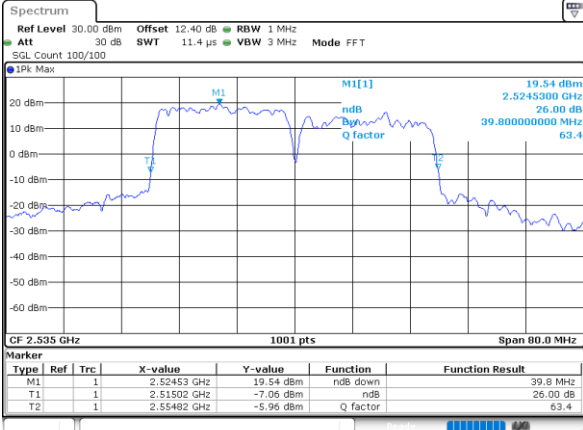


LTE Band 7C

QPSK

Middle Channel / 20MHz+20MHz

N/A



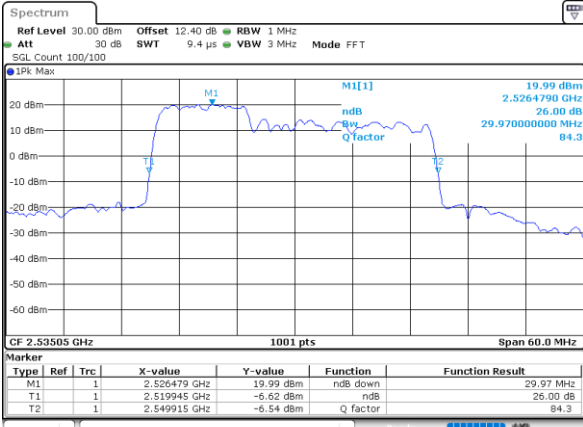
Date: 31.MAY.2024 06:39:59



LTE Band 7C

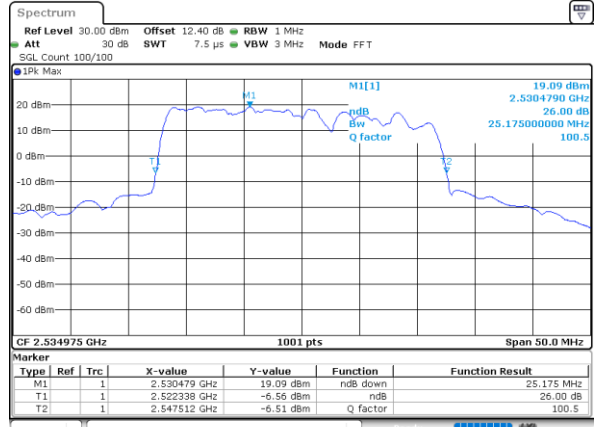
16QAM

Middle Channel / 10MHz+20MHz



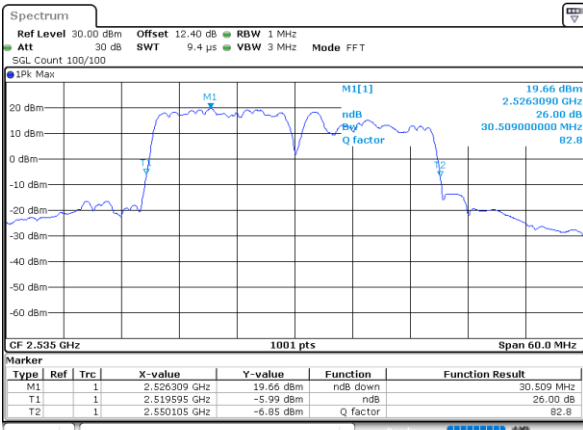
Date: 31.MAY.2024 04:03:38

Middle Channel / 15MHz+10MHz



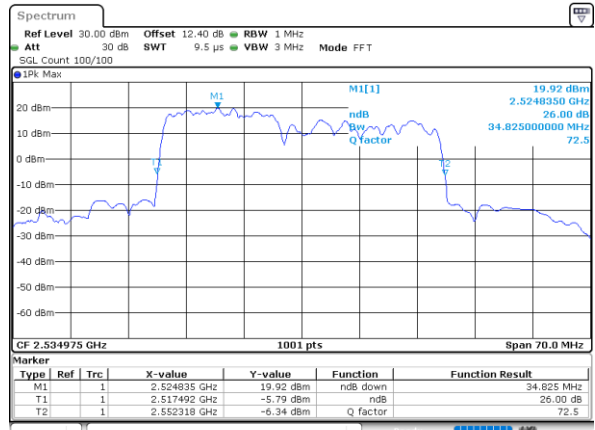
Date: 31.MAY.2024 07:10:25

Middle Channel / 15MHz+15MHz



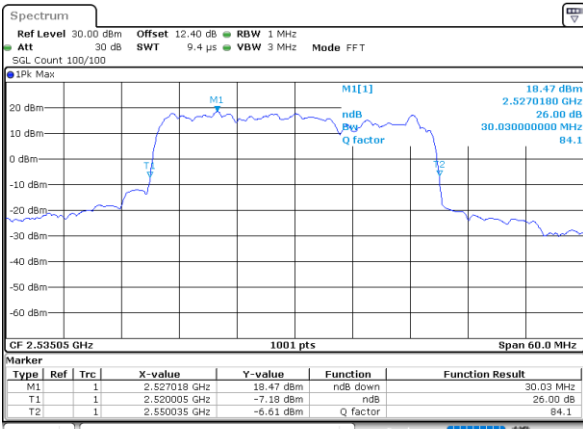
Date: 31.MAY.2024 05:04:36

Middle Channel / 15MHz+20MHz



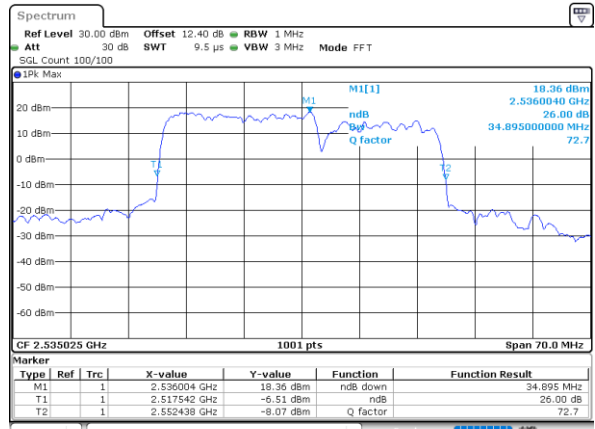
Date: 31.MAY.2024 05:35:28

Middle Channel / 20MHz+10MHz



Date: 31.MAY.2024 04:34:36

Middle Channel / 20MHz+15MHz



Date: 31.MAY.2024 06:10:17

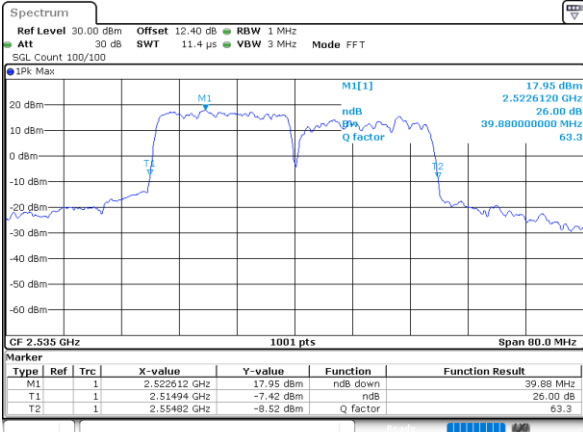


LTE Band 7C

16QAM

Middle Channel / 20MHz+20MHz

N/A



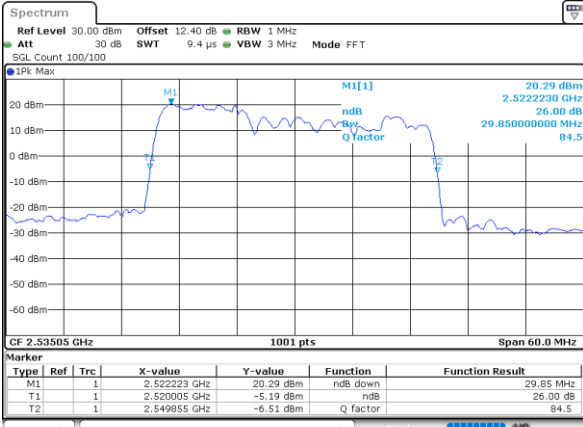
Date: 31.MAY.2024 06:39:32



LTE Band 7C

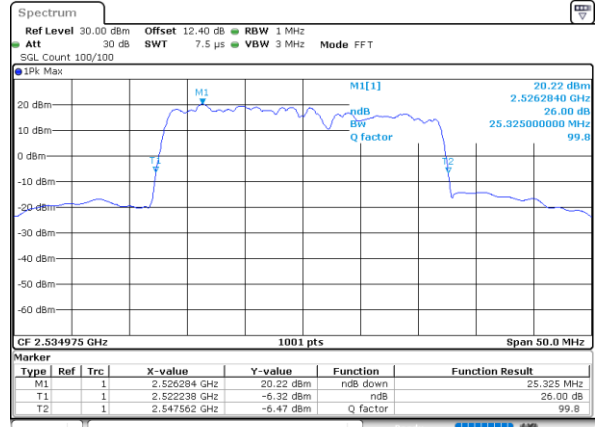
64QAM

Middle Channel / 10MHz+20MHz



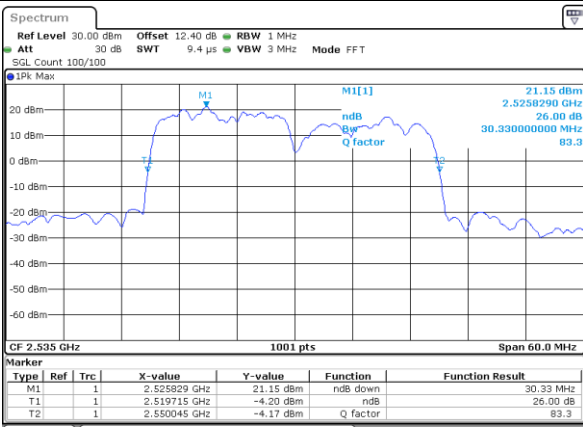
Date: 31.MAY.2024 04:03:09

Middle Channel / 15MHz+10MHz



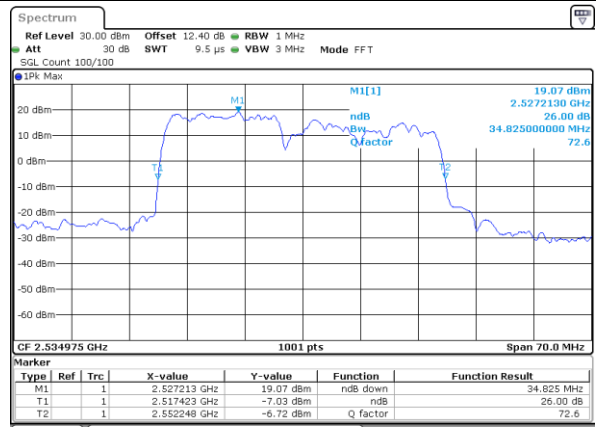
Date: 31.MAY.2024 07:09:56

Middle Channel / 15MHz+15MHz



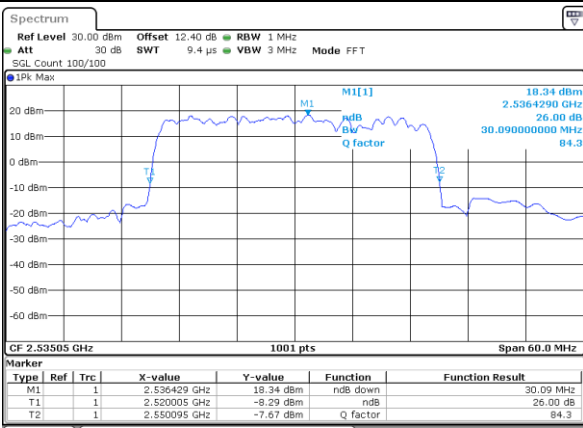
Date: 31.MAY.2024 05:04:09

Middle Channel / 15MHz+20MHz



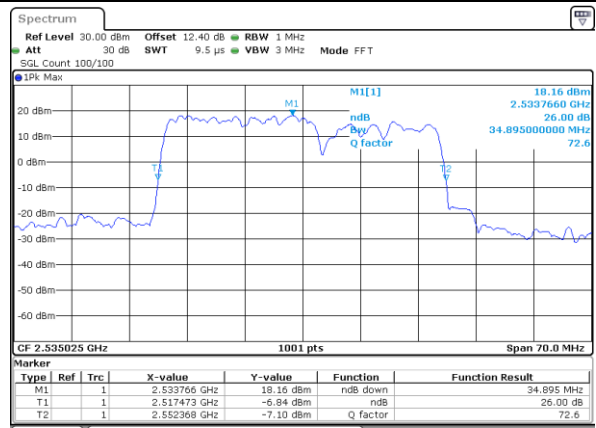
Date: 31.MAY.2024 05:13:59

Middle Channel / 20MHz+10MHz



Date: 31.MAY.2024 04:34:07

Middle Channel / 20MHz+15MHz



Date: 31.MAY.2024 06:08:48

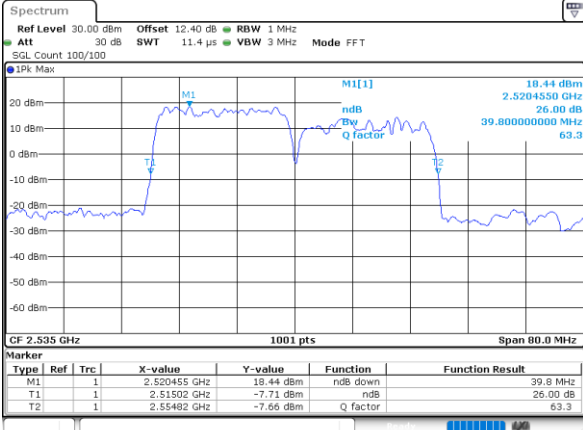


LTE Band 7C

64QAM

Middle Channel / 20MHz+20MHz

N/A



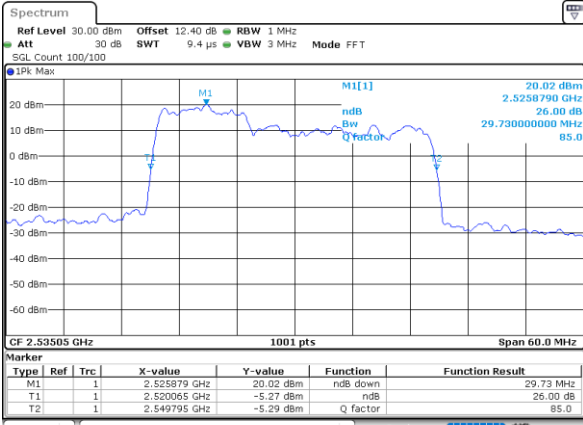
Date: 31.MAY.2024 06:39:04



LTE Band 7C

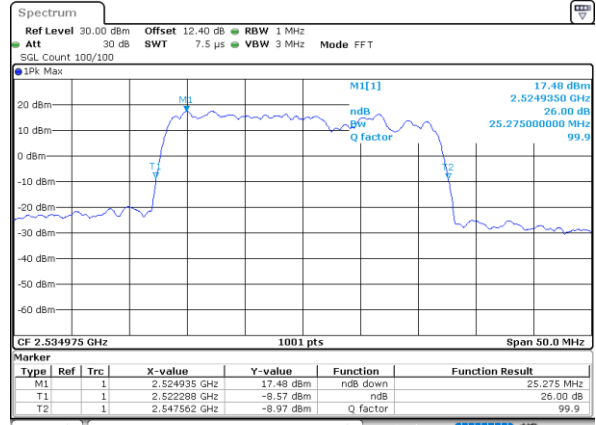
256QAM

Middle Channel / 10MHz+20MHz



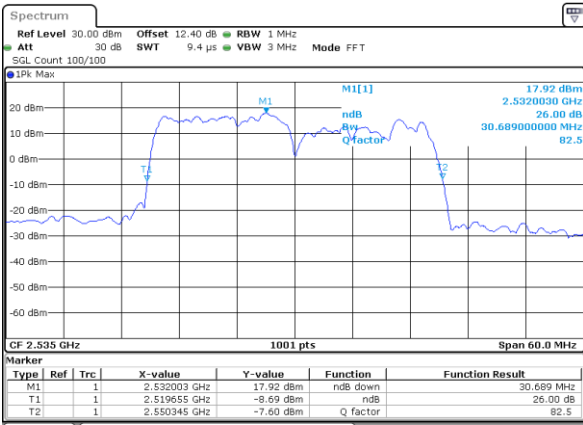
Date: 31.MAY.2024 07:21:15

Middle Channel / 15MHz+10MHz



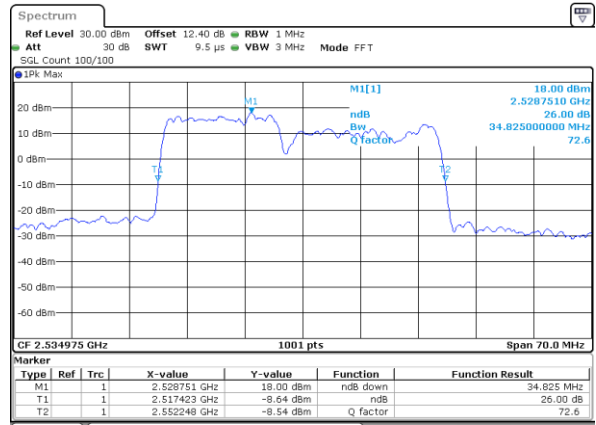
Date: 31.MAY.2024 08:18:33

Middle Channel / 15MHz+15MHz



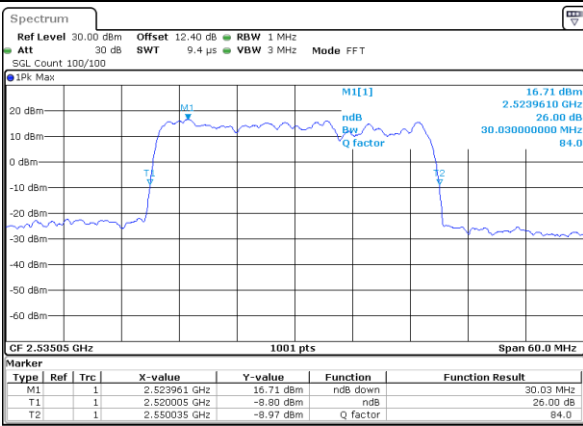
Date: 31.MAY.2024 07:36:32

Middle Channel / 15MHz+20MHz



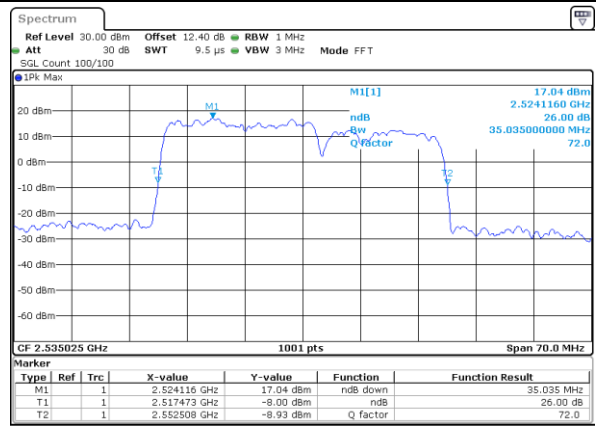
Date: 31.MAY.2024 07:44:16

Middle Channel / 20MHz+10MHz



Date: 31.MAY.2024 07:29:01

Middle Channel / 20MHz+15MHz



Date: 31.MAY.2024 08:23:15

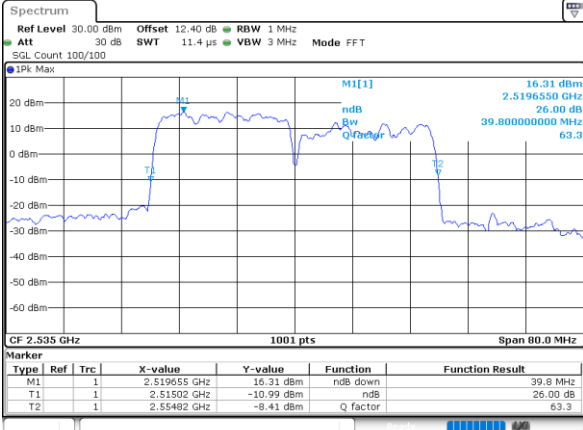


LTE Band 7C

256QAM

Middle Channel / 20MHz+20MHz

N/A



Date: 31.MAY.2024 08:30:48



Occupied Bandwidth

Mode	LTE Band 7C : 99%OBW(MHz)			
QPSK				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	27.75	23.67	28.41	32.86
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	27.93	32.79	37.64	

Mode	LTE Band 7C : 99%OBW(MHz)			
16QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	27.81	23.42	28.47	32.65
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	28.05	33.07	37.72	

Mode	LTE Band 7C : 99%OBW(MHz)			
64QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	27.99	23.37	28.41	32.72
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	27.99	33.28	37.56	

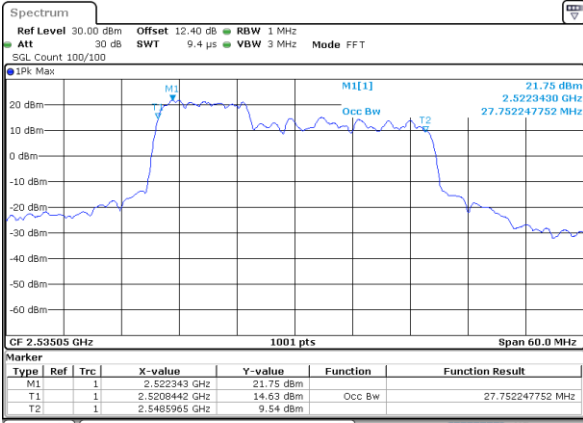
Mode	LTE Band 7C : 99%OBW(MHz)			
256QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	27.99	23.37	28.29	32.72
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	27.87	32.58	37.64	



LTE Band 7C

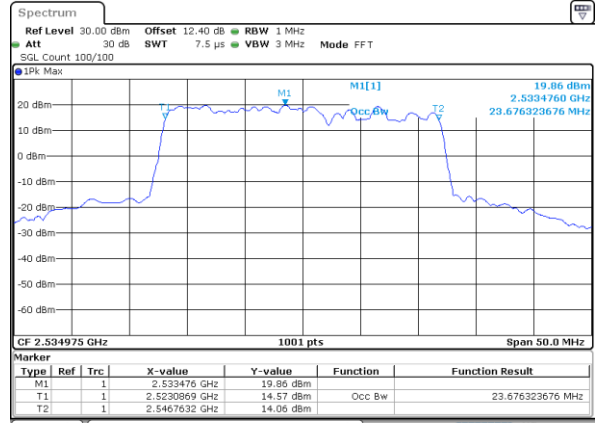
QPSK

Middle Channel / 10MHz+20MHz



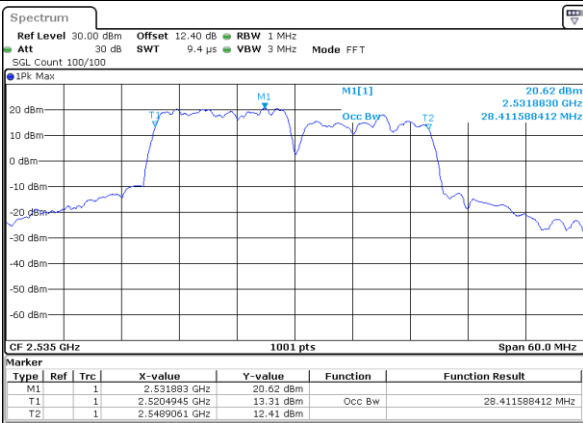
Date: 31.MAY.2024 04:01:43

Middle Channel / 15MHz+10MHz



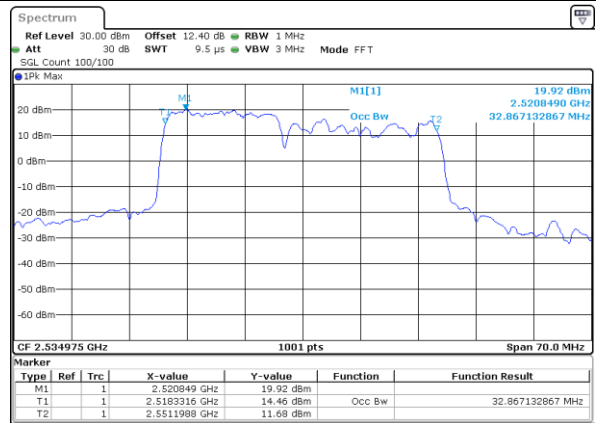
Date: 31.MAY.2024 07:08:30

Middle Channel / 15MHz+15MHz



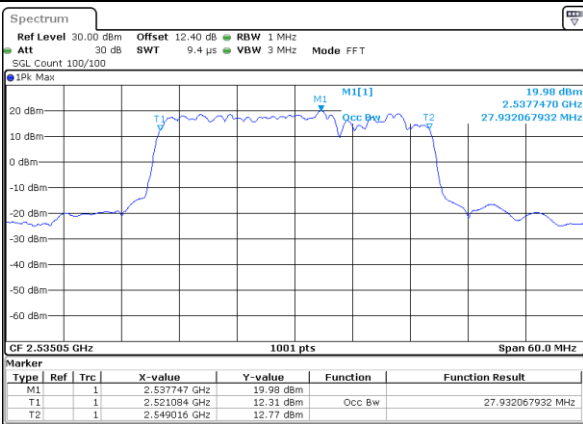
Date: 31.MAY.2024 05:02:48

Middle Channel / 15MHz+20MHz



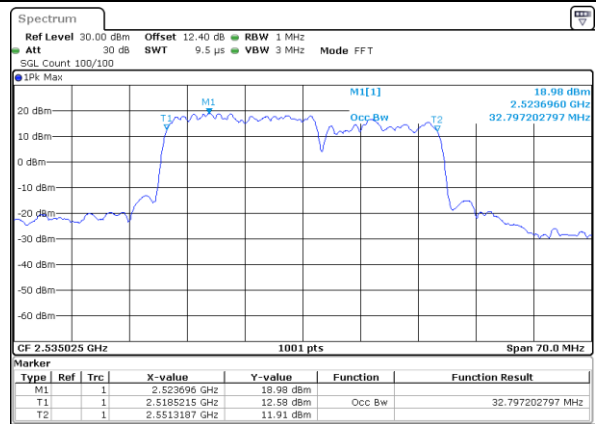
Date: 31.MAY.2024 05:33:32

Middle Channel / 20MHz+10MHz



Date: 31.MAY.2024 04:32:41

Middle Channel / 20MHz+15MHz



Date: 31.MAY.2024 06:10:22

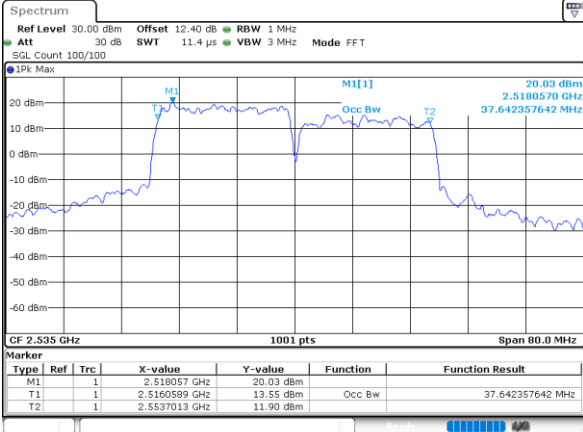


LTE Band 7C

QPSK

Middle Channel / 20MHz+20MHz

N/A

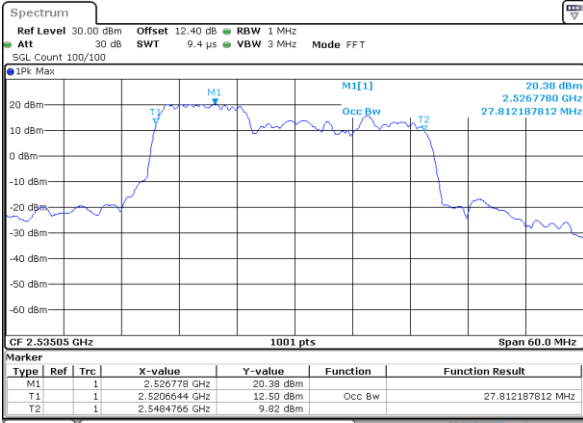




LTE Band 7C

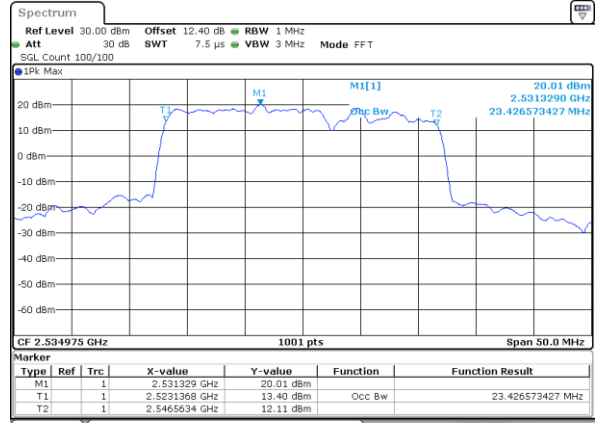
16QAM

Middle Channel / 10MHz+20MHz



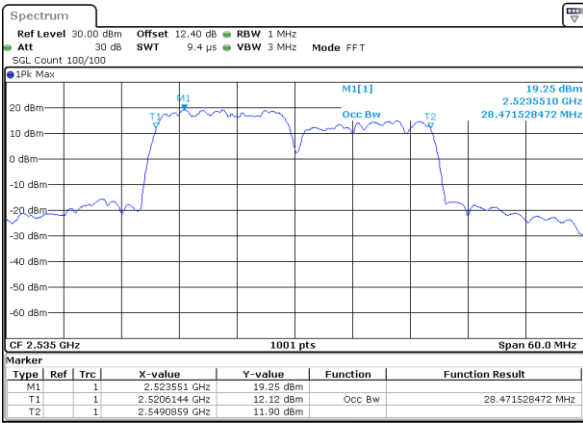
Date: 31.MAY.2024 04:02:12

Middle Channel / 15MHz+10MHz



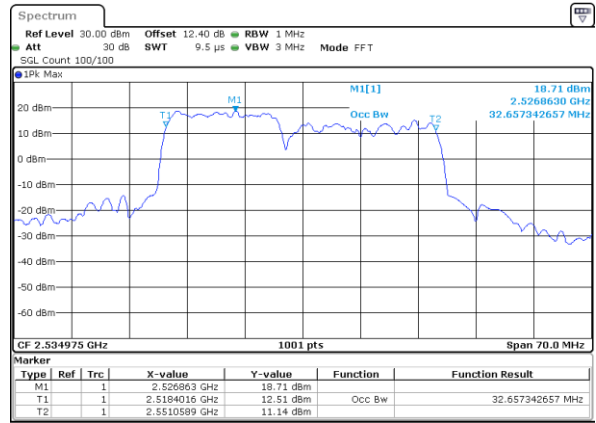
Date: 31.MAY.2024 07:08:59

Middle Channel / 15MHz+15MHz



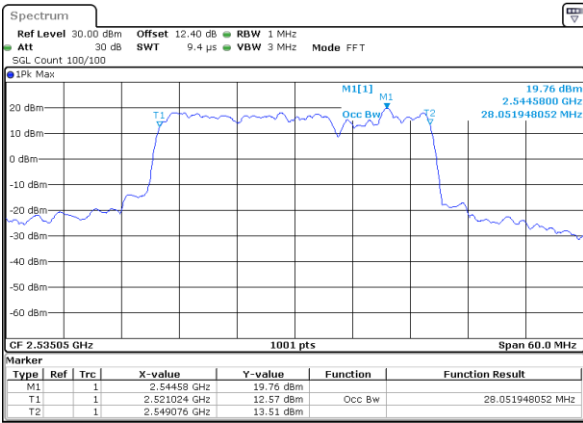
Date: 31.MAY.2024 05:03:16

Middle Channel / 15MHz+20MHz



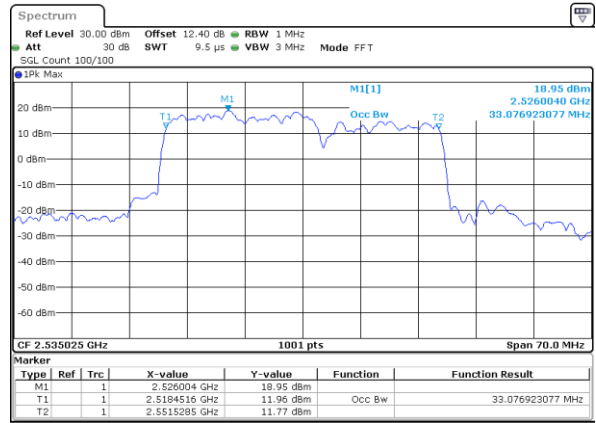
Date: 31.MAY.2024 05:34:01

Middle Channel / 20MHz+10MHz



Date: 31.MAY.2024 04:33:10

Middle Channel / 20MHz+15MHz



Date: 31.MAY.2024 06:07:50

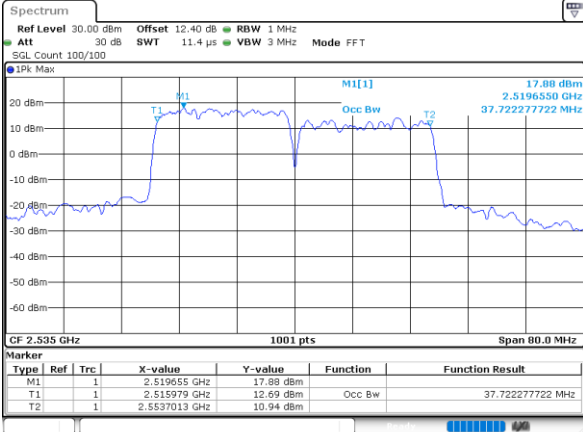


LTE Band 7C

16QAM

Middle Channel / 20MHz+20MHz

N/A



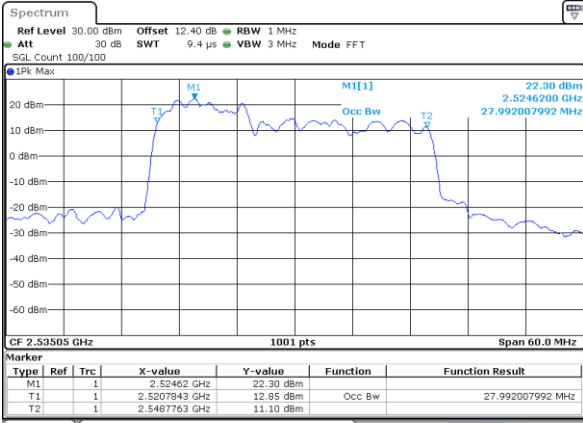
Date: 31.MAY.2024 06:38:11



LTE Band 7C

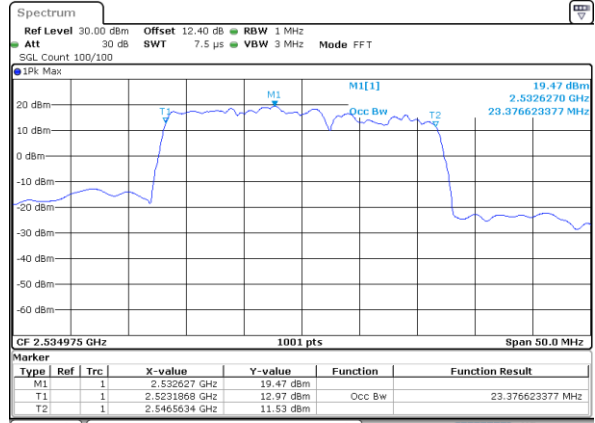
64QAM

Middle Channel / 10MHz+20MHz



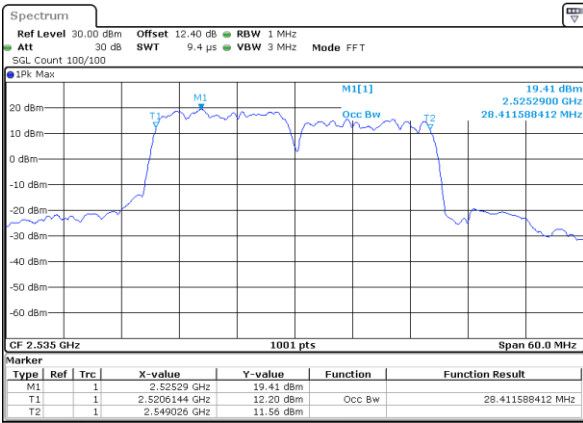
Date: 31.MAY.2024 04:02:43

Middle Channel / 15MHz+10MHz



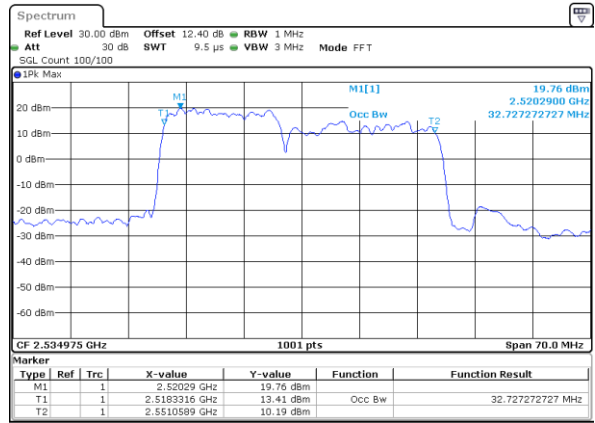
Date: 31.MAY.2024 07:09:28

Middle Channel / 15MHz+15MHz



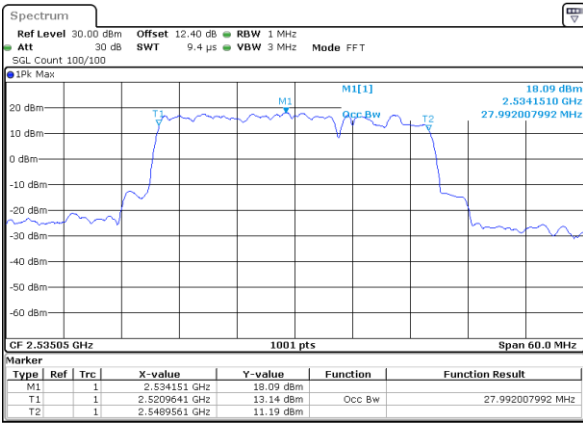
Date: 31.MAY.2024 05:03:43

Middle Channel / 15MHz+20MHz



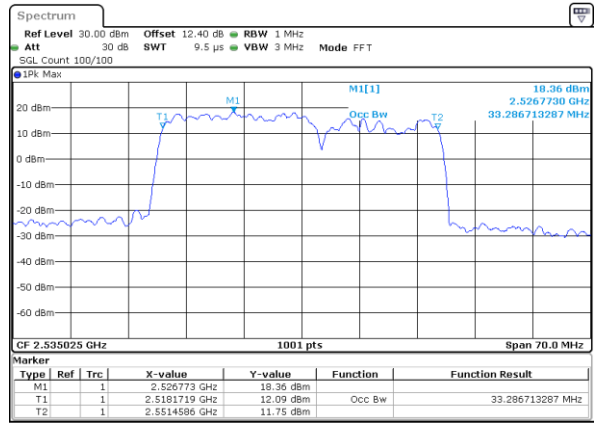
Date: 31.MAY.2024 05:34:30

Middle Channel / 20MHz+10MHz



Date: 31.MAY.2024 04:33:39

Middle Channel / 20MHz+15MHz



Date: 31.MAY.2024 06:08:19

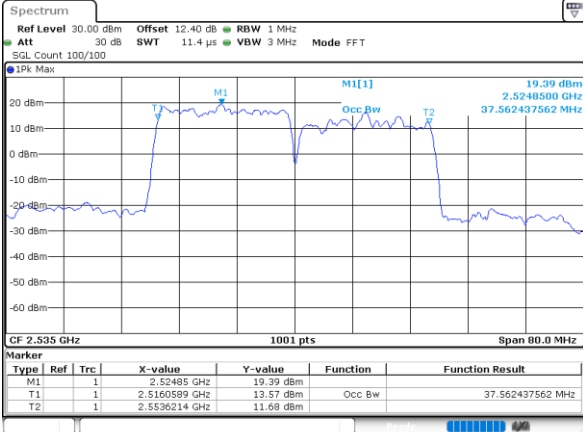


LTE Band 7C

64QAM

Middle Channel / 20MHz+20MHz

N/A



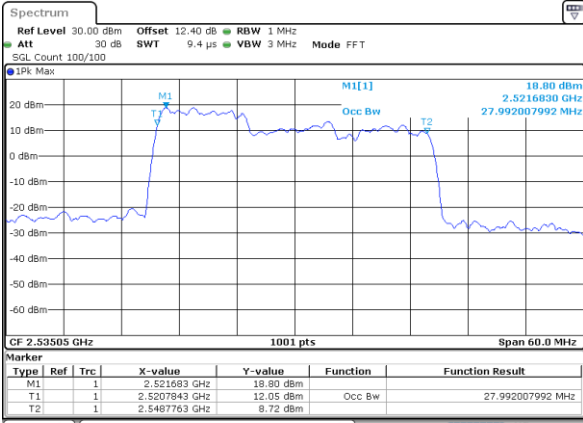
Date: 31.MAY.2024 06:38:38



LTE Band 7C

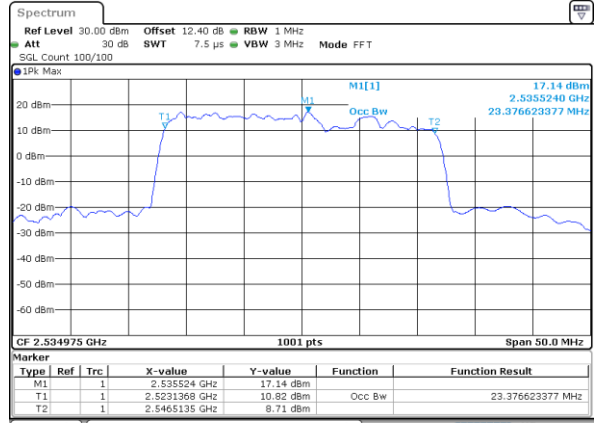
256QAM

Middle Channel / 10MHz+20MHz



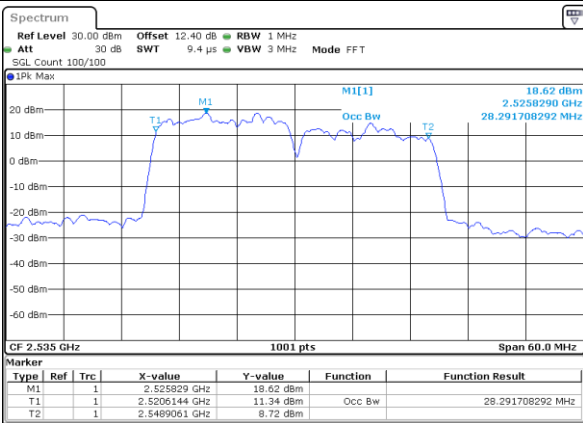
Date: 31.MAY.2024 07:20:47

Middle Channel / 15MHz+10MHz



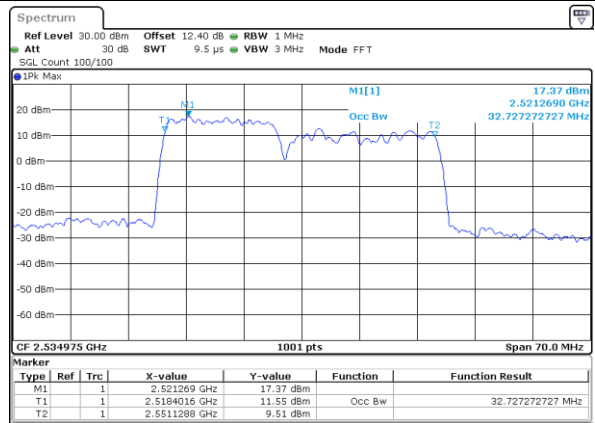
Date: 31.MAY.2024 08:13:05

Middle Channel / 15MHz+15MHz



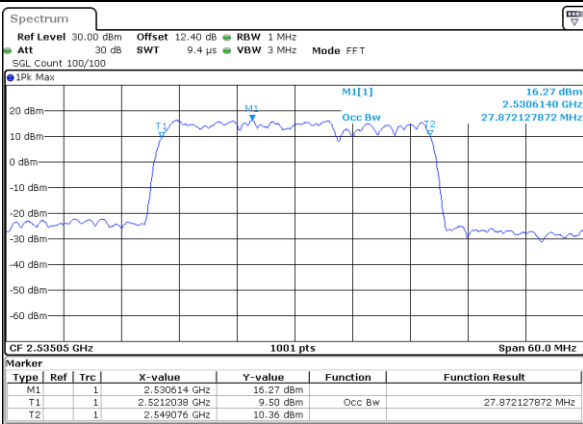
Date: 31.MAY.2024 07:36:05

Middle Channel / 15MHz+20MHz



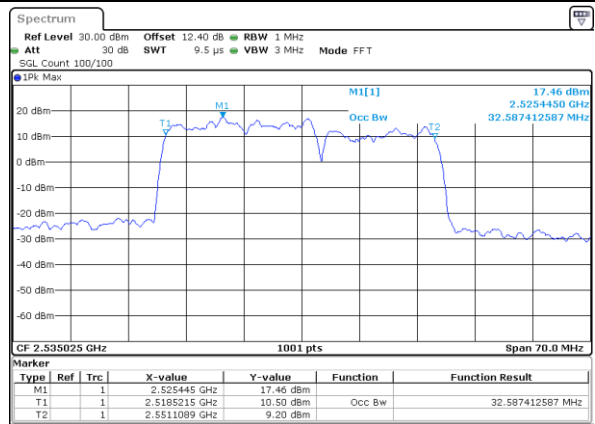
Date: 31.MAY.2024 07:43:47

Middle Channel / 20MHz+10MHz



Date: 31.MAY.2024 07:28:33

Middle Channel / 20MHz+15MHz



Date: 31.MAY.2024 08:22:47

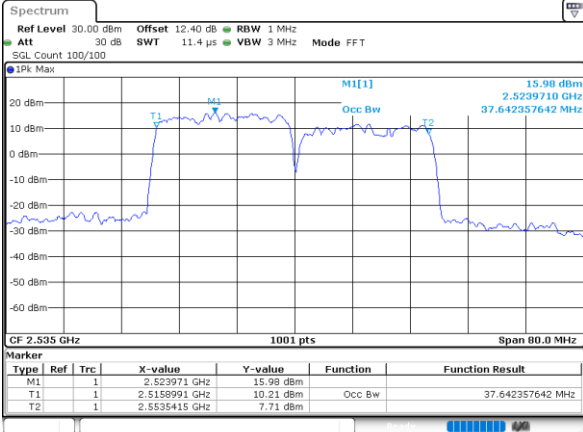


LTE Band 7C

256QAM

Middle Channel / 20MHz+20MHz

N/A



Date: 31.MAY.2024 08:30:21



Conducted Band Edge

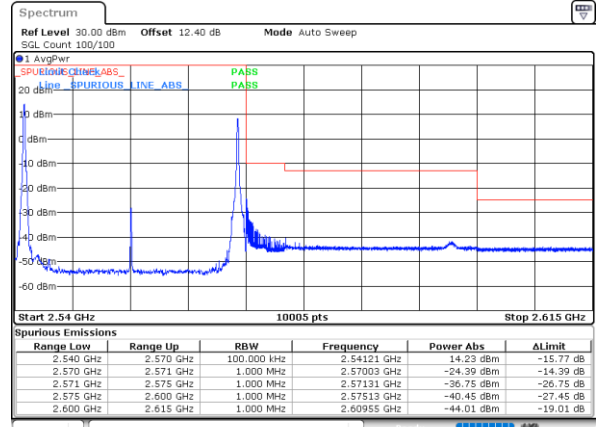
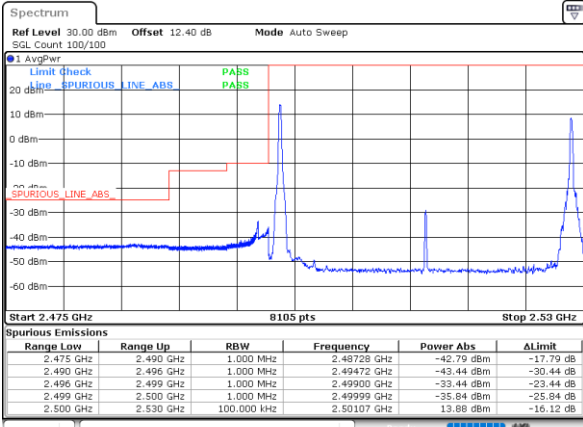


LTE Band 7C / 10MHz+20MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB99

Highest Band Edge / 1RB0 and 1RB99

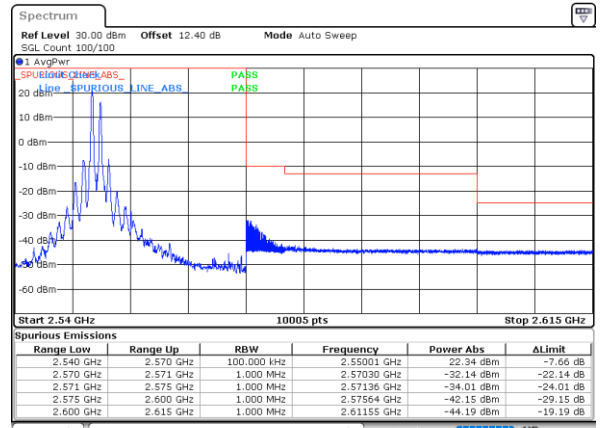
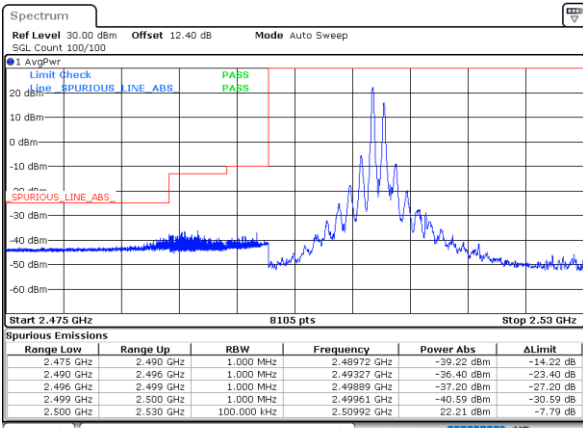


Date: 31.MAY.2024 03:55:44

Date: 31.MAY.2024 03:41:06

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

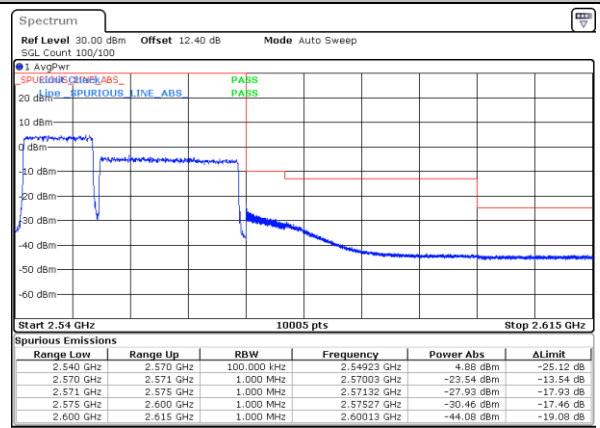
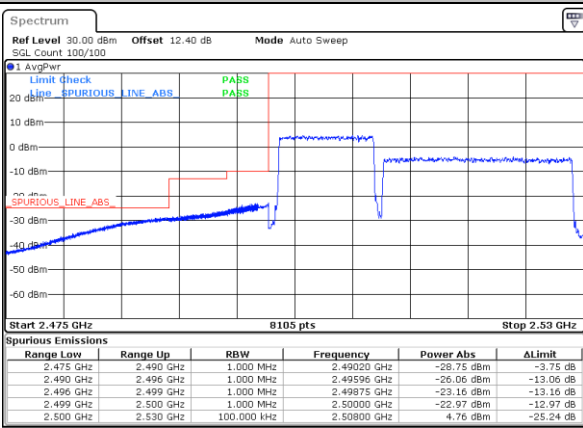


Date: 31.MAY.2024 03:56:42

Date: 31.MAY.2024 03:45:54

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 31.MAY.2024 03:50:55

Date: 31.MAY.2024 03:40:08

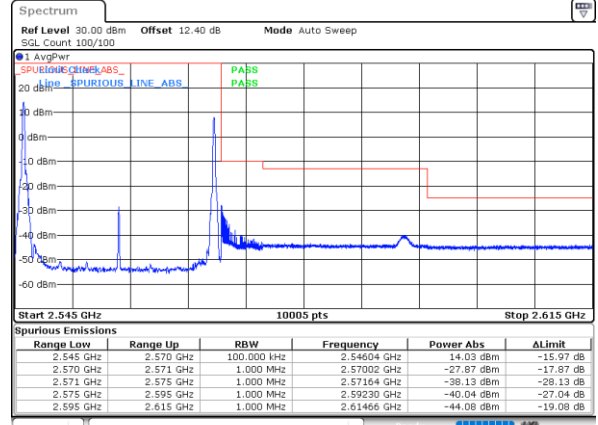
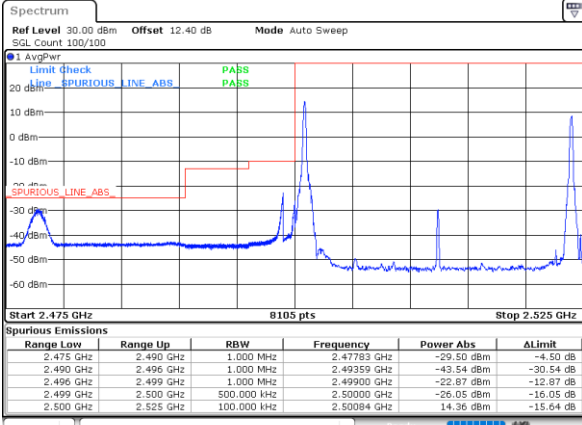


LTE Band 7C / 15MHz+10MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

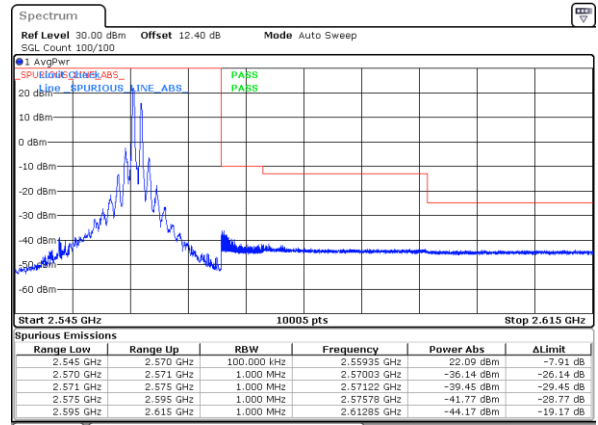
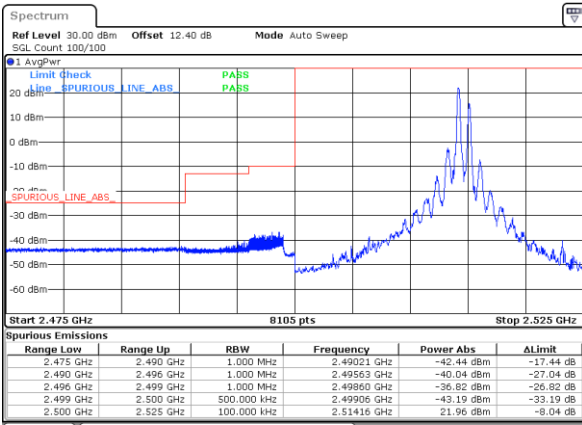


Date: 31.MAY.2024 07:02:32

Date: 31.MAY.2024 06:47:53

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

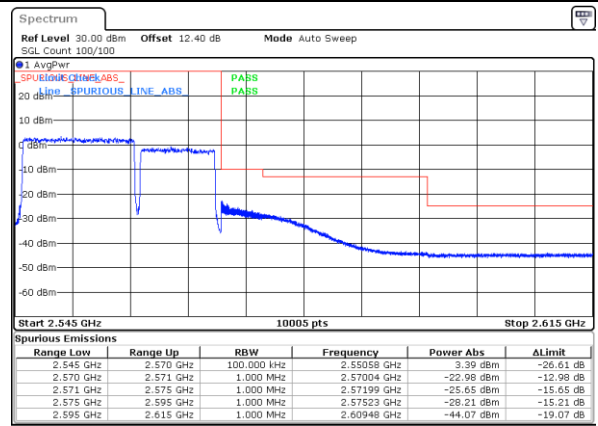
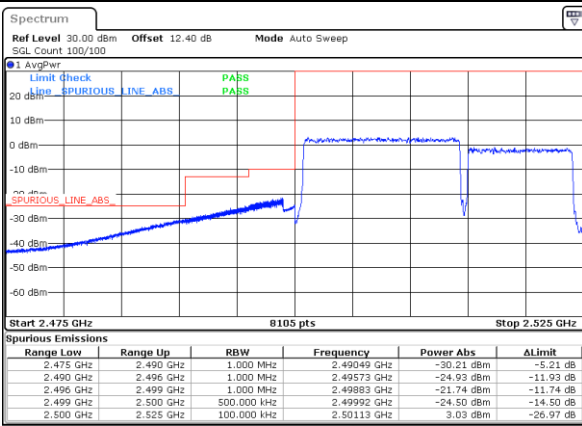


Date: 31.MAY.2024 07:03:29

Date: 31.MAY.2024 06:52:42

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 31.MAY.2024 06:57:42

Date: 31.MAY.2024 06:46:55

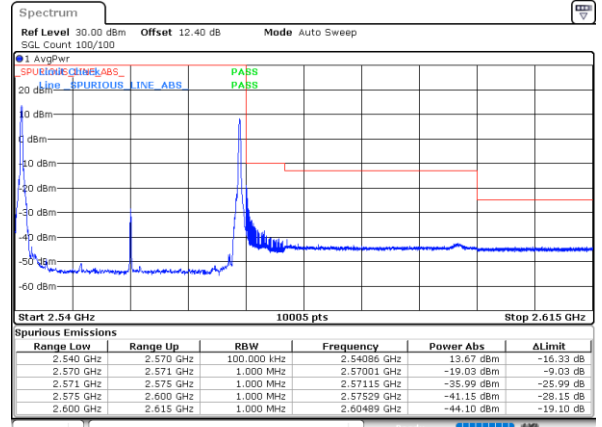
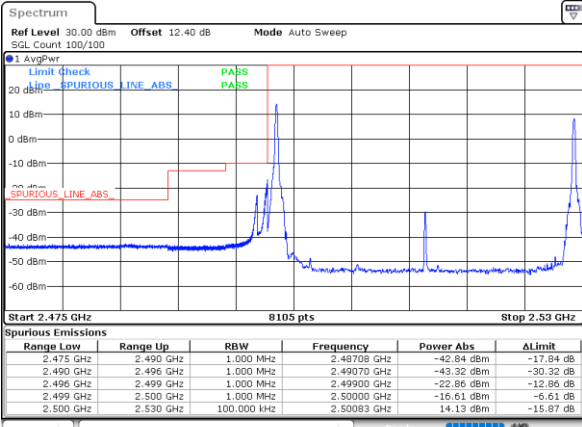


LTE Band 7C / 15MHz+15MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

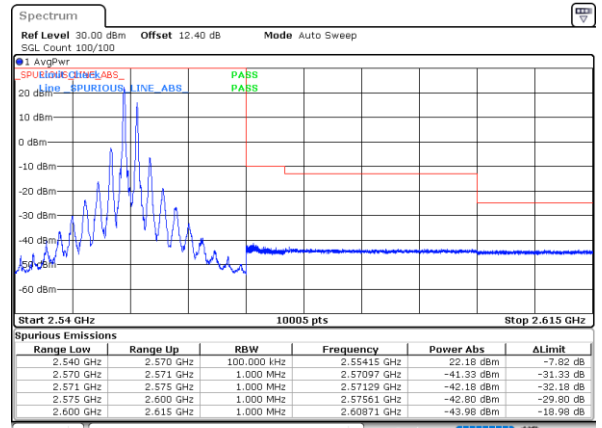
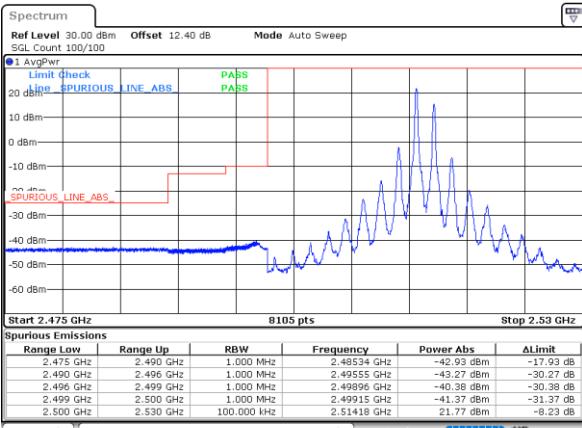


Date: 31.MAY.2024 04:57:00

Date: 31.MAY.2024 04:42:49

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

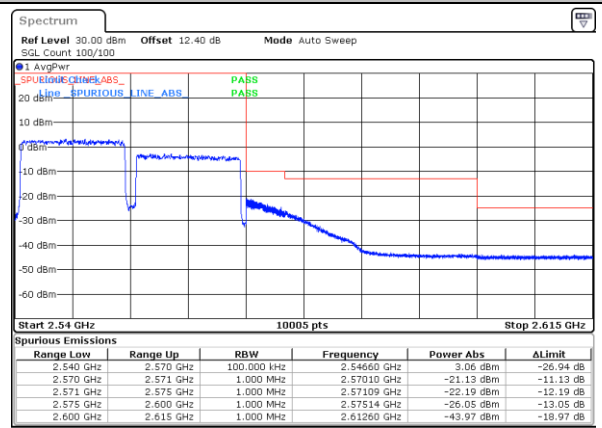
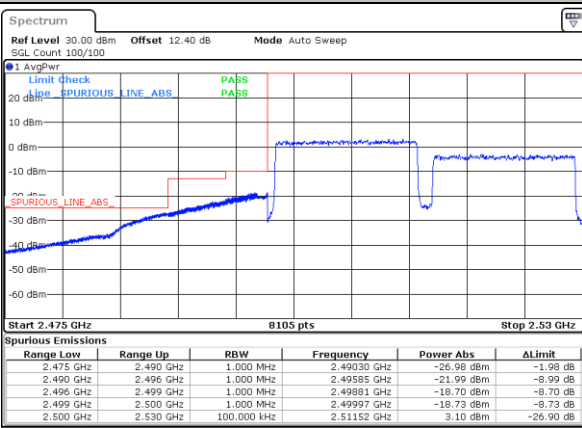


Date: 31.MAY.2024 04:57:56

Date: 31.MAY.2024 04:47:29

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 31.MAY.2024 04:52:19

Date: 31.MAY.2024 04:41:53

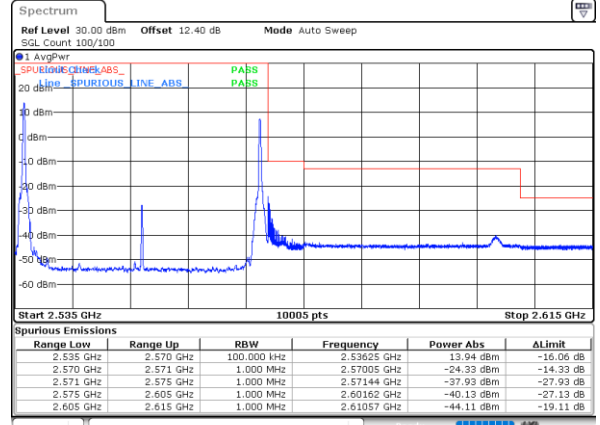
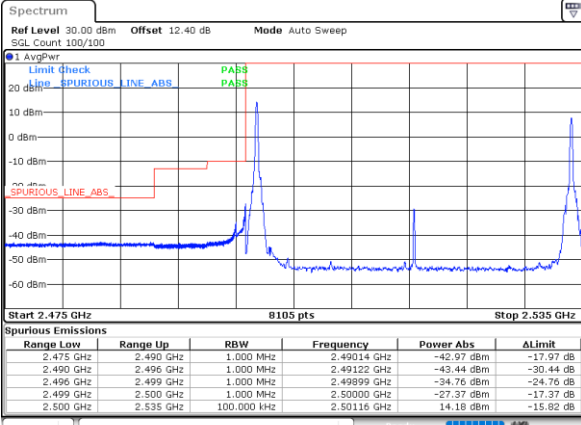


LTE Band 7C / 15MHz+20MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB99

Highest Band Edge / 1RB0 and 1RB99

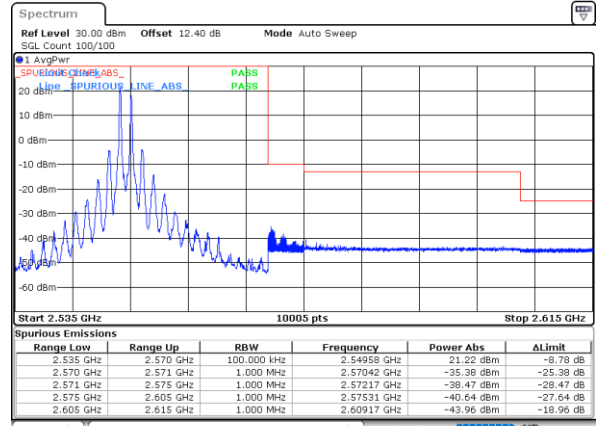
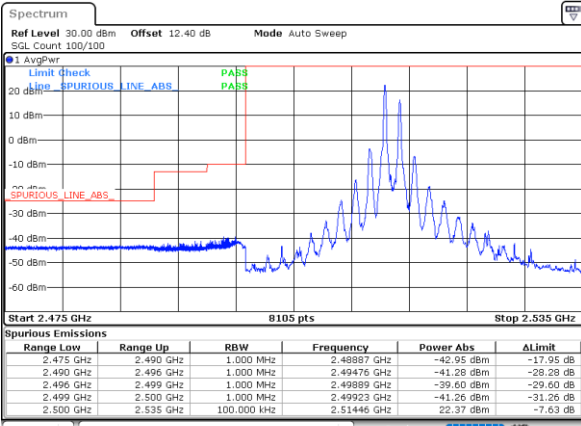


Date: 31.MAY.2024 05:27:14

Date: 31.MAY.2024 05:12:55

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

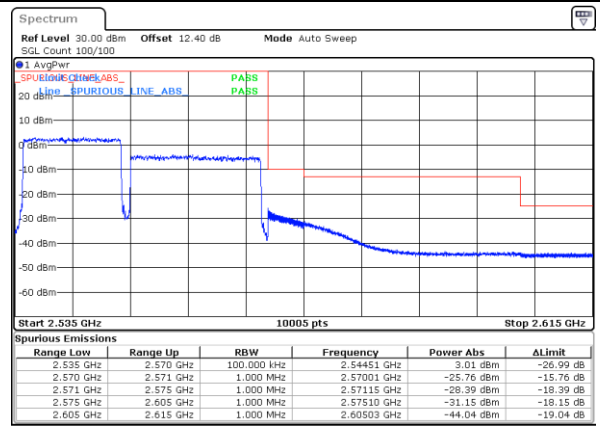
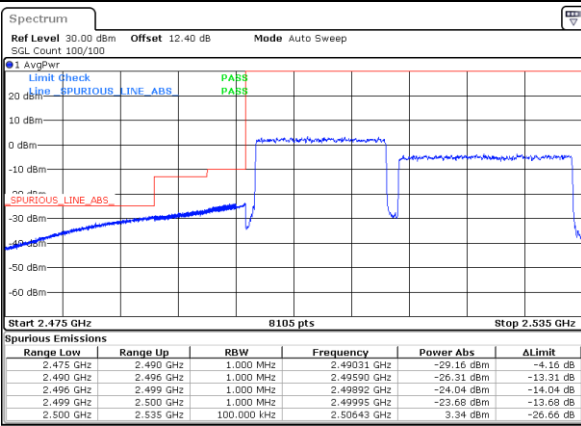


Date: 31.MAY.2024 05:28:32

Date: 31.MAY.2024 05:17:44

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 31.MAY.2024 05:22:44

Date: 31.MAY.2024 05:11:57

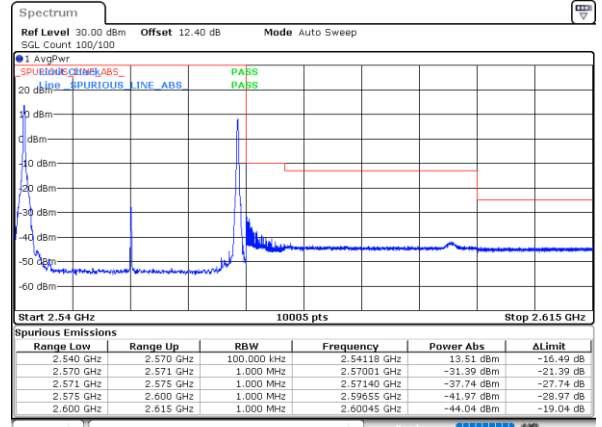
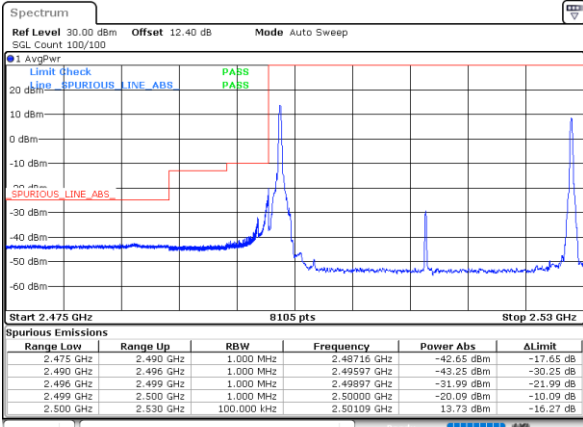


LTE Band 7C / 20MHz+10MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

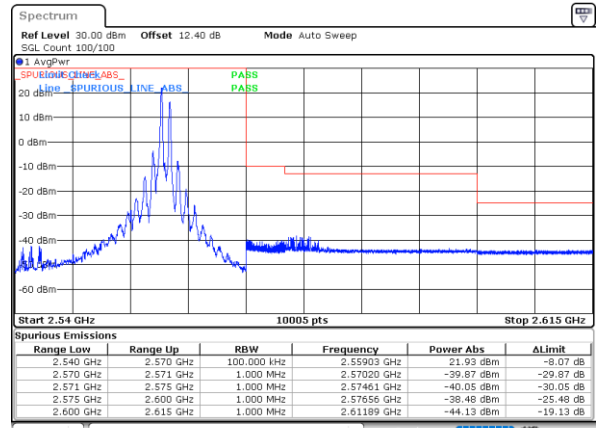
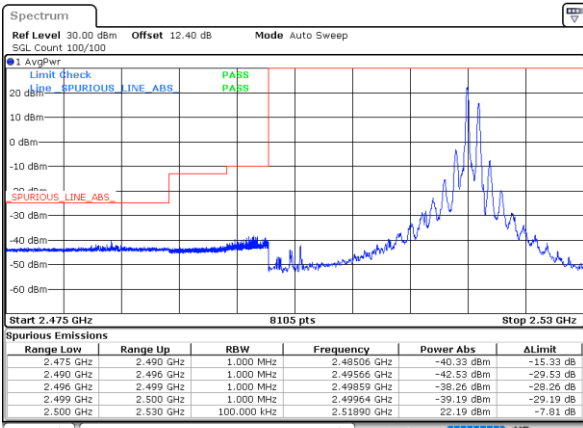


Date: 31.MAY.2024 04:26:42

Date: 31.MAY.2024 04:12:04

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

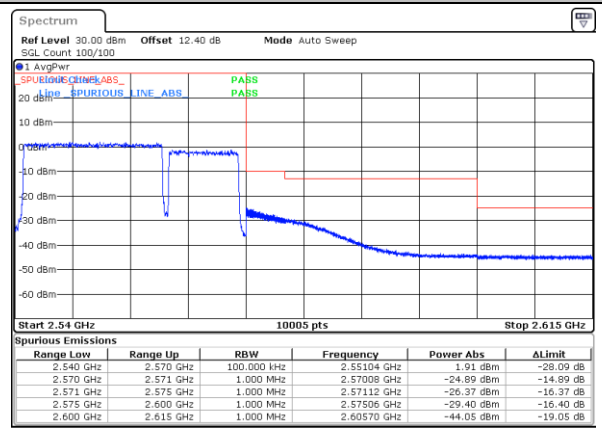
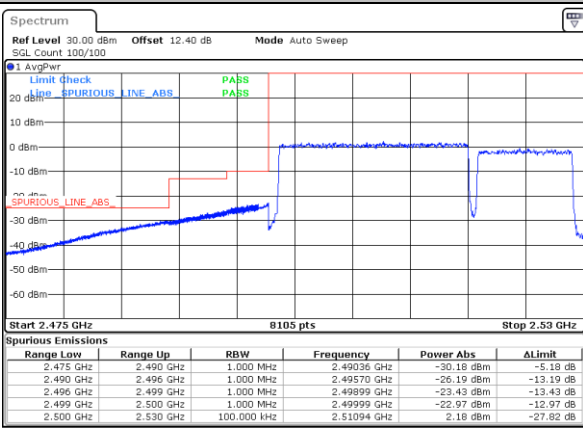


Date: 31.MAY.2024 04:27:40

Date: 31.MAY.2024 04:16:52

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 31.MAY.2024 04:21:52

Date: 31.MAY.2024 04:11:06

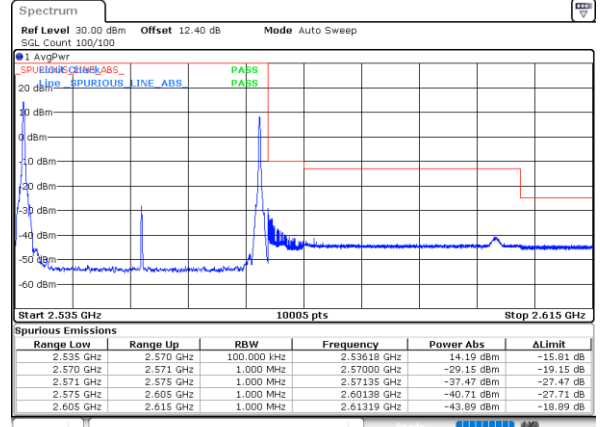
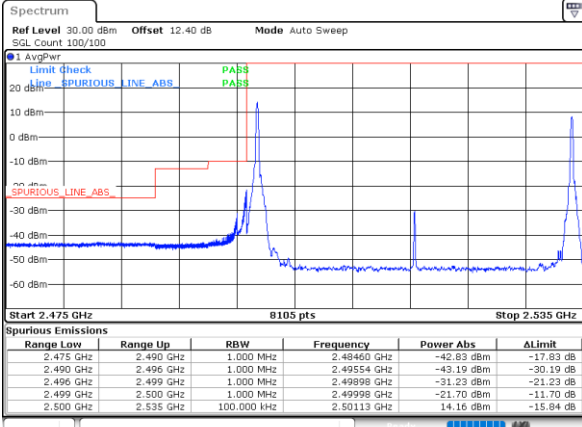


LTE Band 7C / 20MHz+15MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

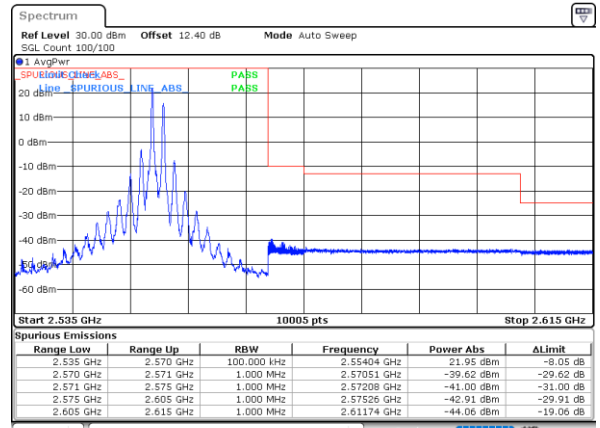
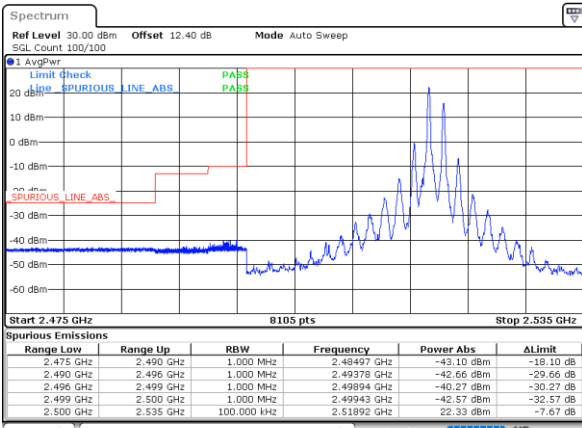


Date: 31.MAY.2024 05:58:32

Date: 31.MAY.2024 05:43:54

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

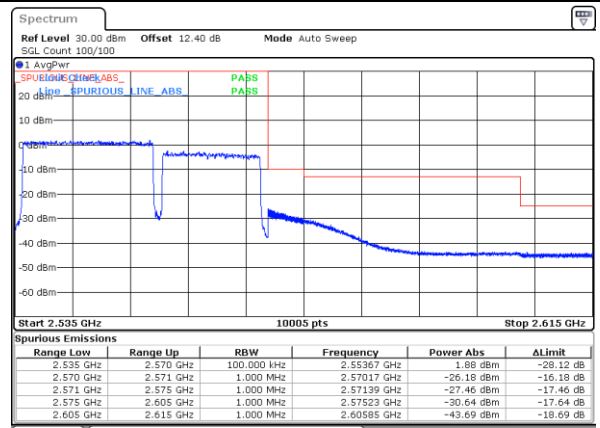
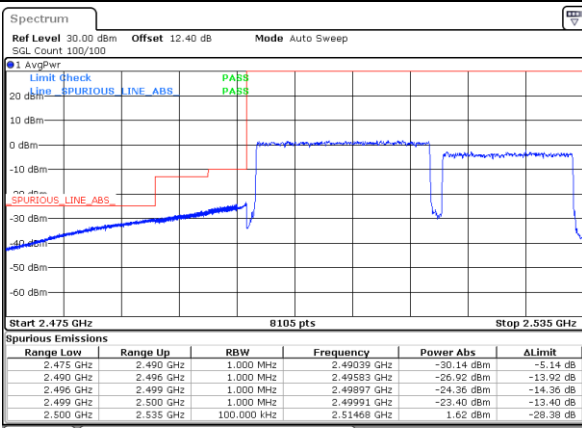


Date: 31.MAY.2024 05:59:30

Date: 31.MAY.2024 05:46:42

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 31.MAY.2024 05:53:43

Date: 31.MAY.2024 05:42:56