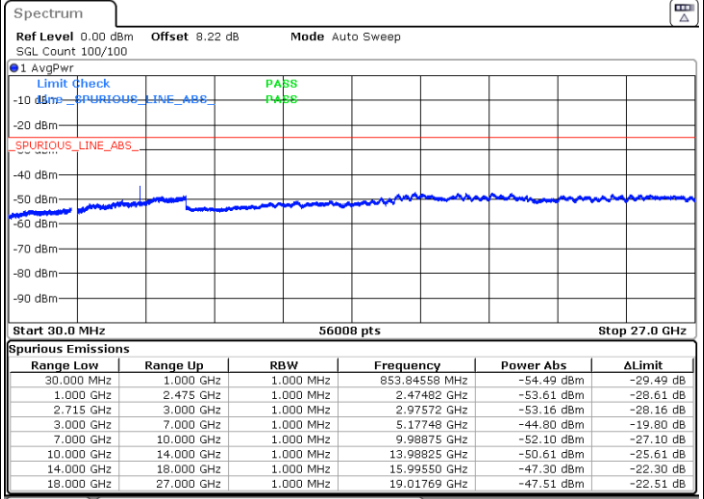
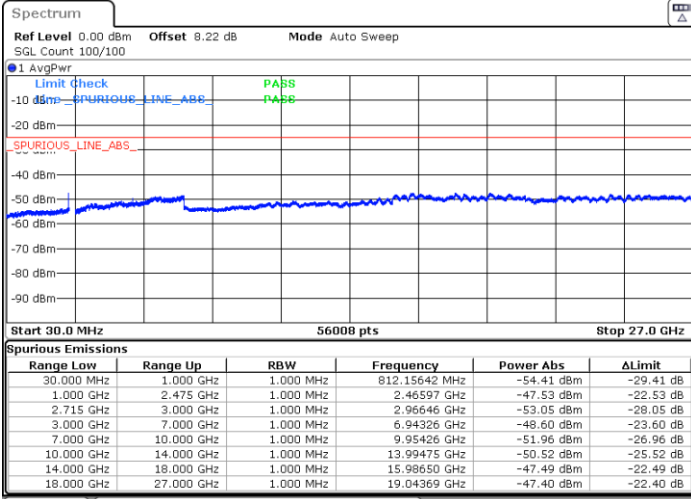




LTE Band 41 / 10MHz

Lowest Channel / QPSK

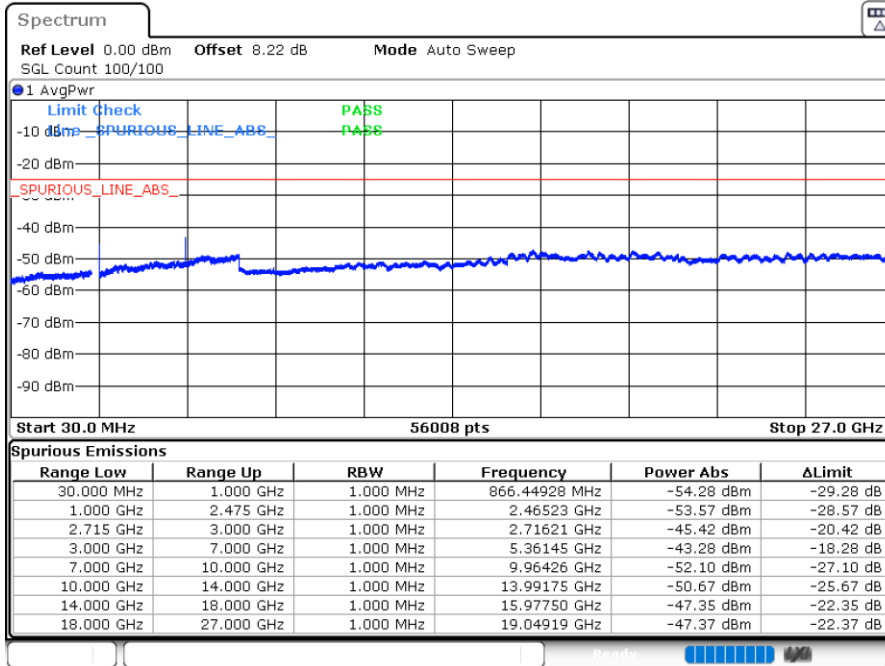
Middle Channel / QPSK



Date: 7.APR.2024 21:24:41

Date: 7.APR.2024 21:37:57

Highest Channel / QPSK



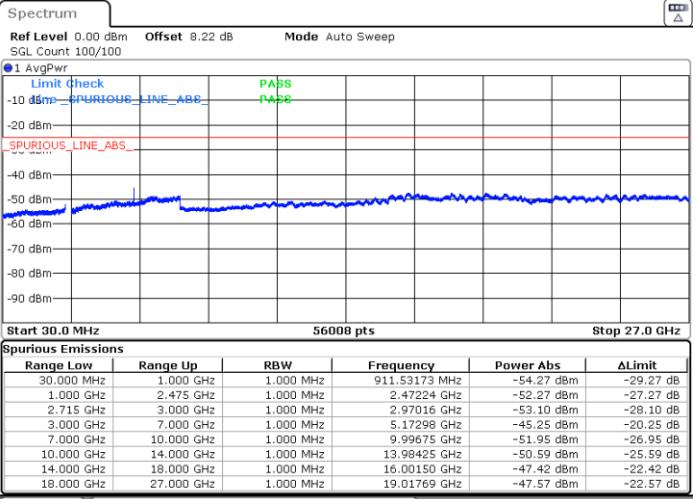
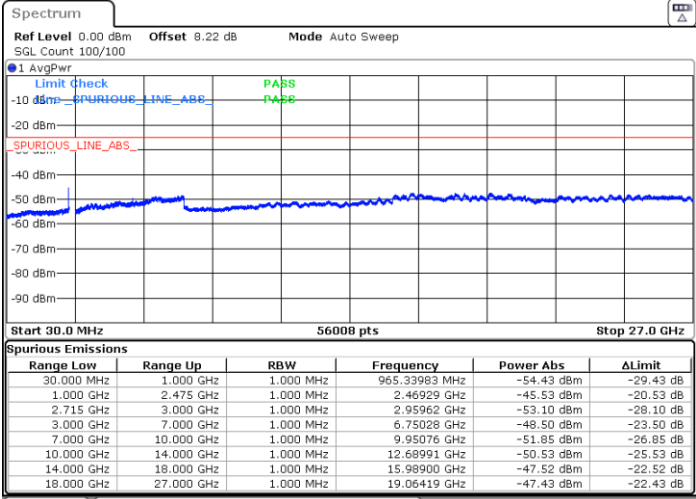
Date: 7.APR.2024 21:39:16



LTE Band 41 / 15MHz

Lowest Channel / QPSK

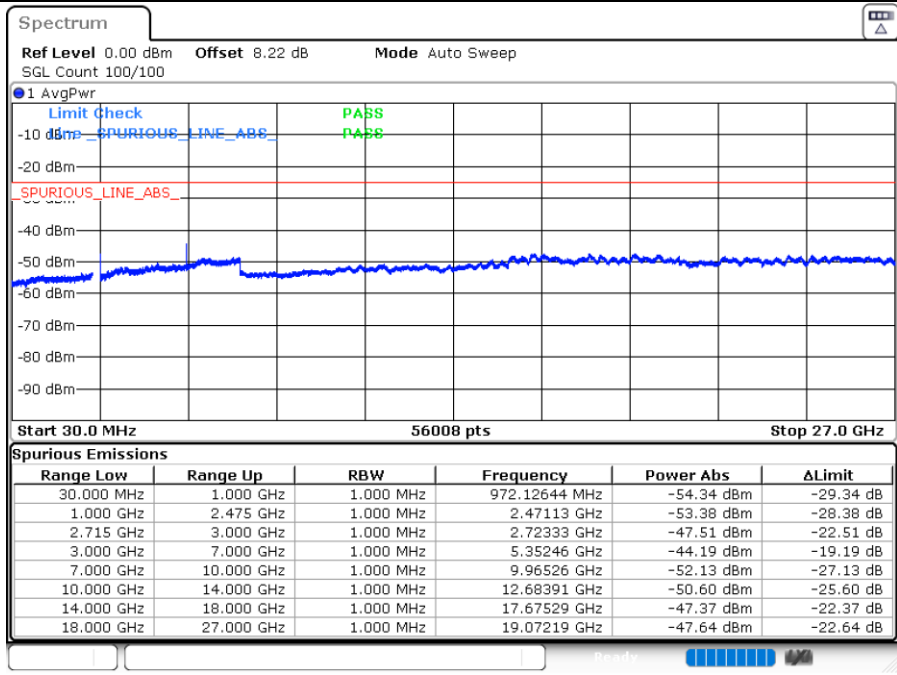
Middle Channel / QPSK



Date: 7.APR.2024 21:47:00

Date: 7.APR.2024 21:54:55

Highest Channel / QPSK



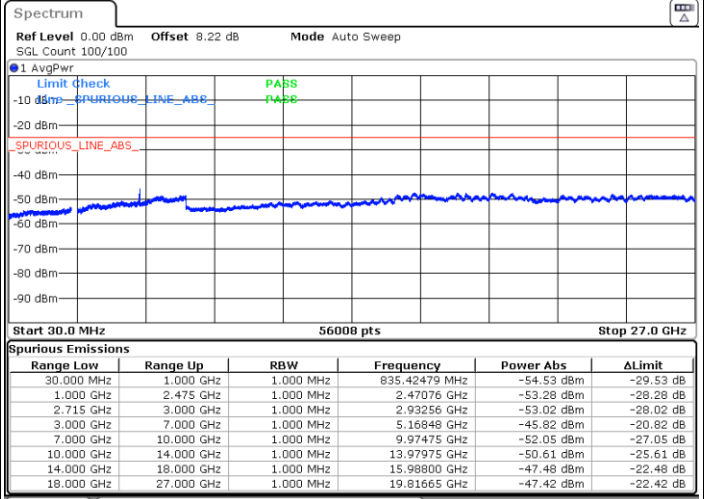
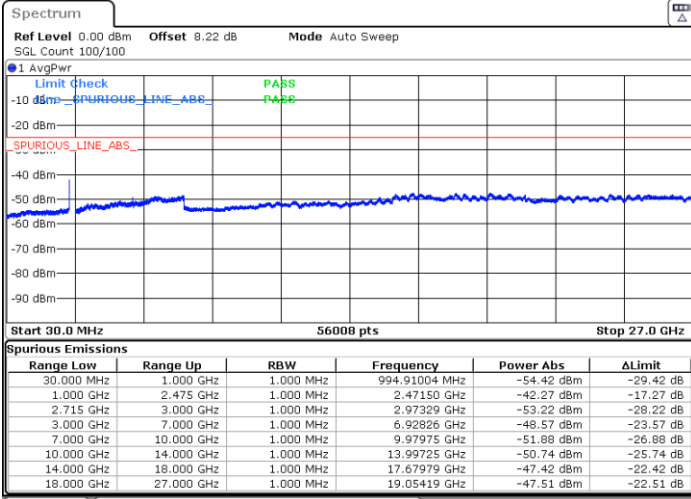
Date: 7.APR.2024 21:56:14



LTE Band 41 / 20MHz

Lowest Channel / QPSK

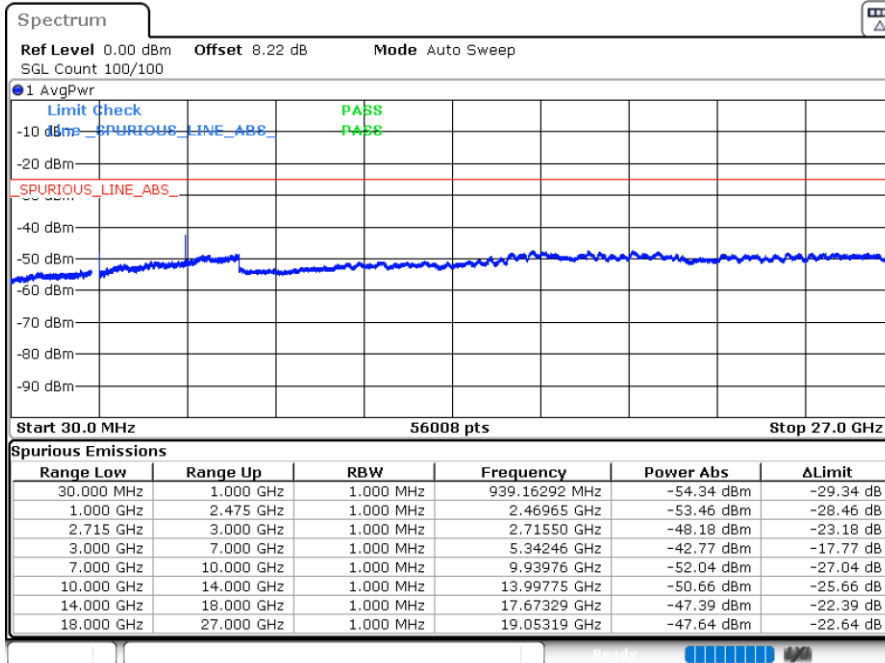
Middle Channel / QPSK



Date: 7.APR.2024 22:04:54

Date: 7.APR.2024 22:12:47

Highest Channel / QPSK



Date: 7.APR.2024 22:14:07



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	0.0022	PASS
40	Normal Voltage	0.0045	
30	Normal Voltage	0.0004	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0039	
0	Normal Voltage	0.0027	
-10	Normal Voltage	0.0036	
-20	Normal Voltage	0.0059	
-30	Normal Voltage	0.0061	
20	Maximum Voltage	0.0017	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0016	

Note:

1. Normal Voltage =3.91 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.5V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 41C

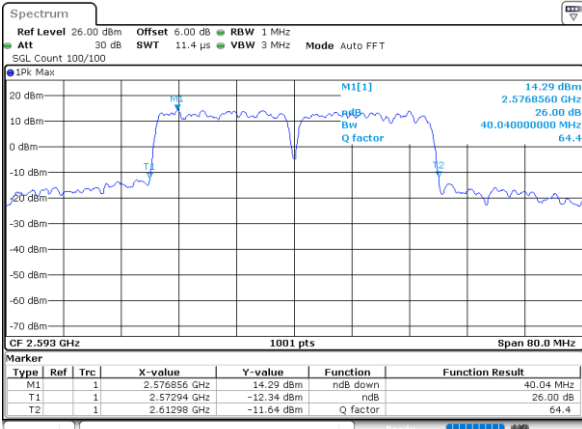
26dB Bandwidth

Mode	LTE Band 41-CA : 26dB BW(MHz)	
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	40.04	39.96
BW	20MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	35.25	35.04
BW	20MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	30.03	30.09
BW	20MHz+5MHz	
Mod.	QPSK	16QAM
Middle CH	25.03	24.83
BW	15MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	34.83	34.90
BW	15MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	30.87	30.57
BW	15MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	25.13	25.33
BW	10MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	29.97	30.15
BW	10MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	25.18	25.23
BW	5MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	24.93	24.93



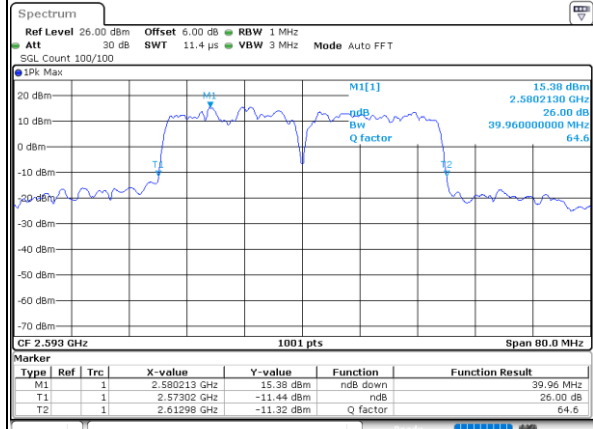
LTE Band 41

Middle Channel / 20MHz+20MHz / QPSK



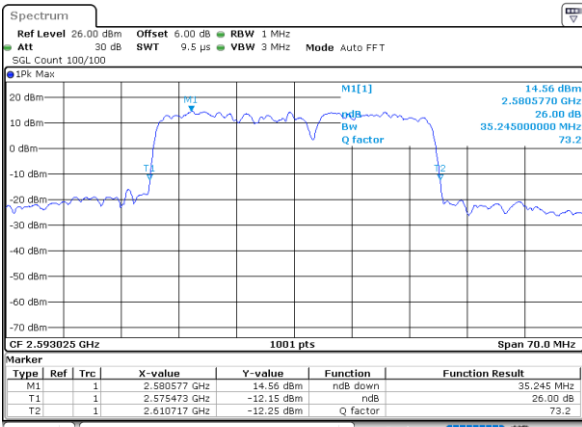
Date: 16.APR.2024 03:15:46

Middle Channel / 20MHz+20MHz / 16QAM



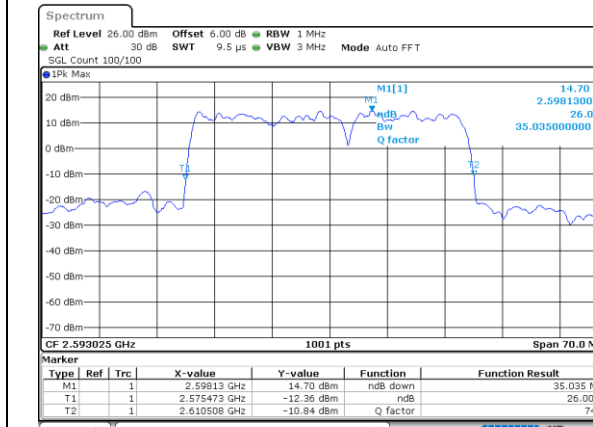
Date: 16.APR.2024 03:15:19

Middle Channel / 20MHz+15MHz / QPSK



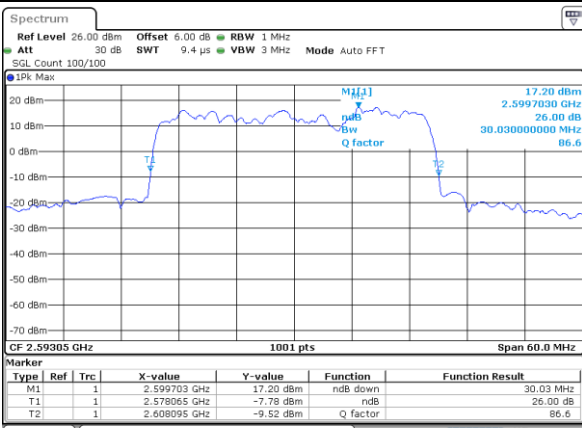
Date: 16.APR.2024 03:13:23

Middle Channel / 20MHz+15MHz / 16QAM



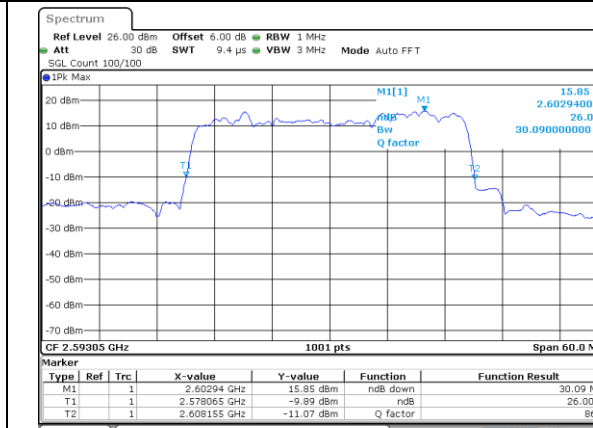
Date: 16.APR.2024 03:13:51

Middle Channel / 20MHz+10MHz / QPSK



Date: 16.APR.2024 03:07:24

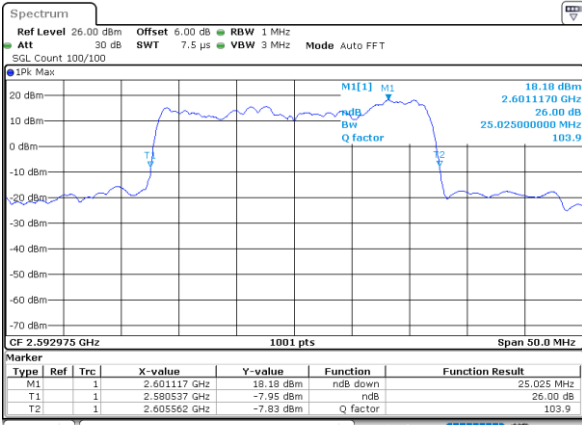
Middle Channel / 20MHz+10MHz / 16QAM



Date: 16.APR.2024 03:06:56

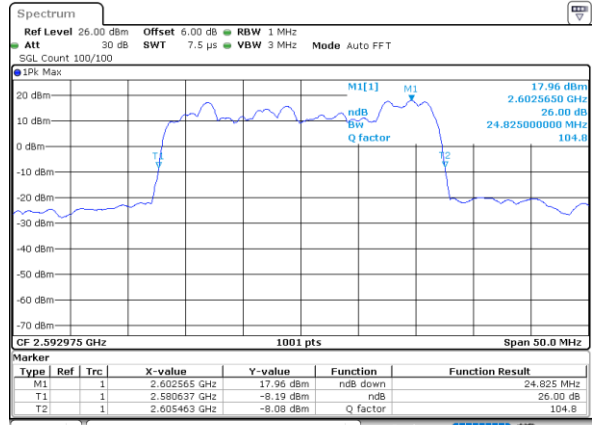


Middle Channel / 20MHz+5MHz / QPSK



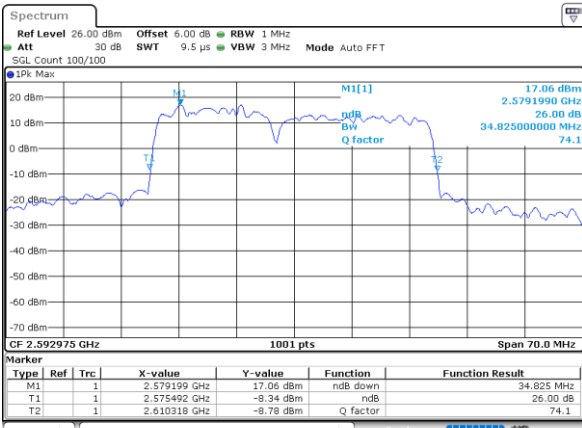
Date: 16.APR.2024 02:58:04

Middle Channel / 20MHz+5MHz / 16QAM



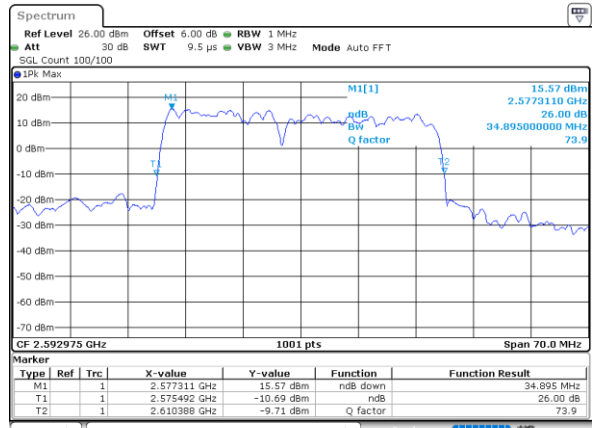
Date: 16.APR.2024 02:57:37

Middle Channel / 15MHz+20MHz / QPSK



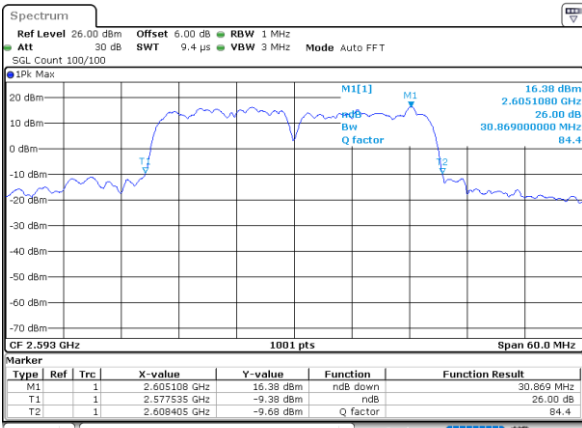
Date: 16.APR.2024 03:11:34

Middle Channel / 15MHz+20MHz / 16QAM



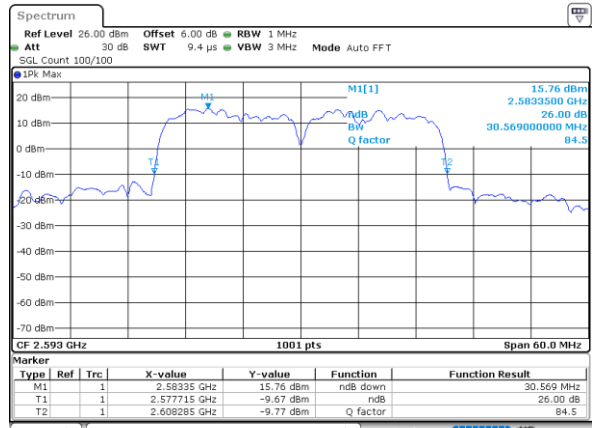
Date: 16.APR.2024 03:11:06

Middle Channel / 15MHz+15MHz / QPSK



Date: 16.APR.2024 03:09:11

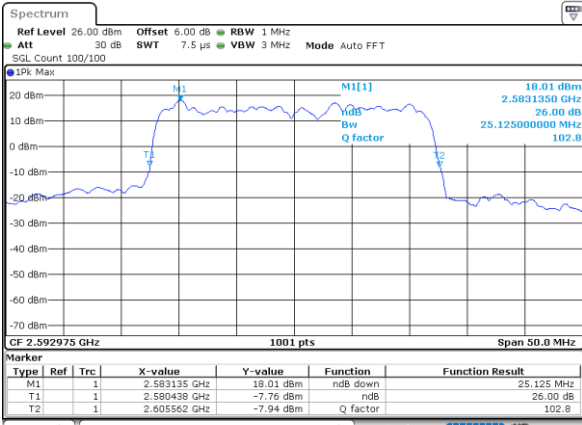
Middle Channel / 15MHz+15MHz / 16QAM



Date: 16.APR.2024 03:09:38

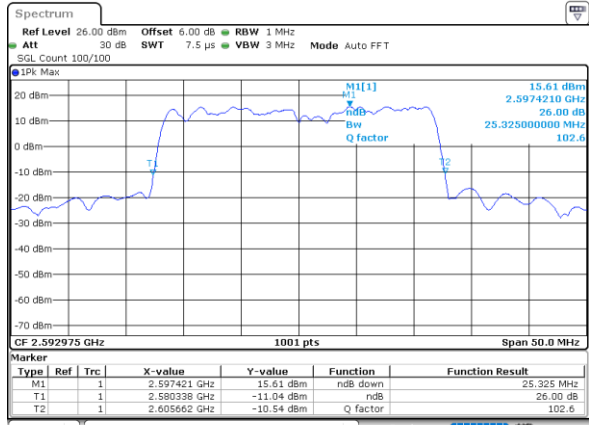


Middle Channel / 15MHz+10MHz / QPSK



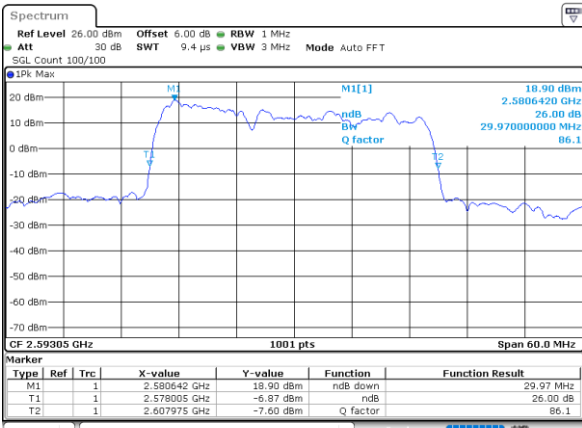
Date: 16.APR.2024 03:02:34

Middle Channel / 15MHz+10MHz / 16QAM



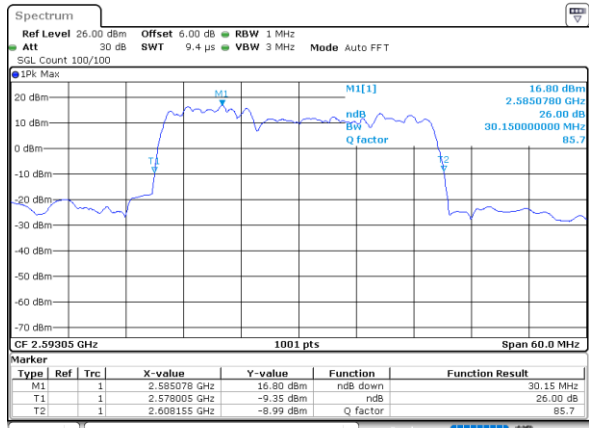
Date: 16.APR.2024 03:02:06

Middle Channel / 10MHz+20MHz / QPSK



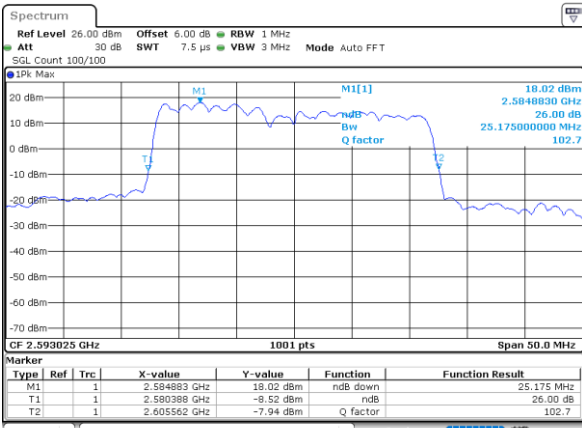
Date: 16.APR.2024 03:04:39

Middle Channel / 10MHz+20MHz / 16QAM



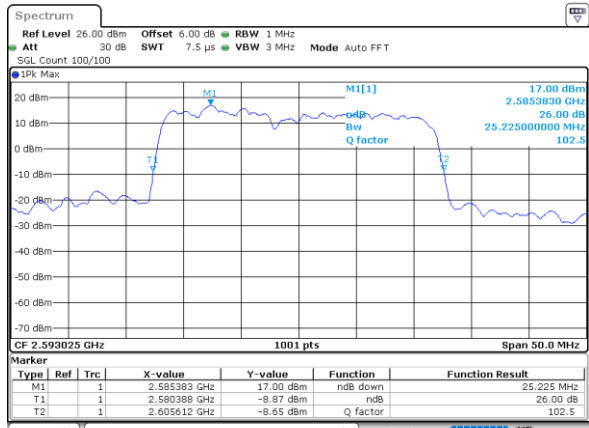
Date: 16.APR.2024 03:05:06

Middle Channel / 10MHz+15MHz / QPSK

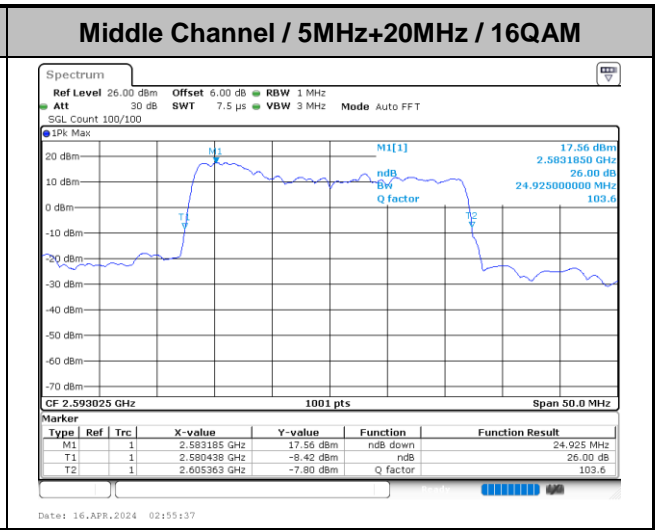
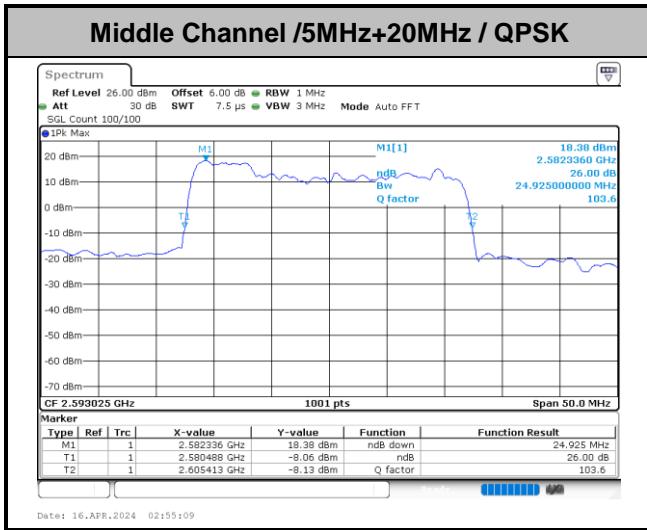


Date: 16.APR.2024 02:59:56

Middle Channel / 10MHz+15MHz / 16QAM



Date: 16.APR.2024 03:00:24





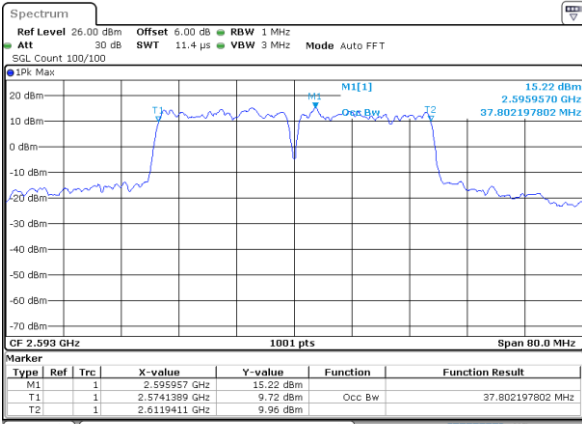
Occupied Bandwidth

Mode	LTE Band 41-CA : 99%OBW(MHz)	
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	37.80	37.80
BW	20MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	32.73	32.80
BW	20MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	28.17	28.05
BW	20MHz+5MHz	
Mod.	QPSK	16QAM
Middle CH	23.38	23.33
BW	15MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	33.01	32.80
BW	15MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	28.65	28.77
BW	15MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	23.53	23.68
BW	10MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	28.05	27.75
BW	10MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	23.48	23.33
BW	5MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	23.13	23.13



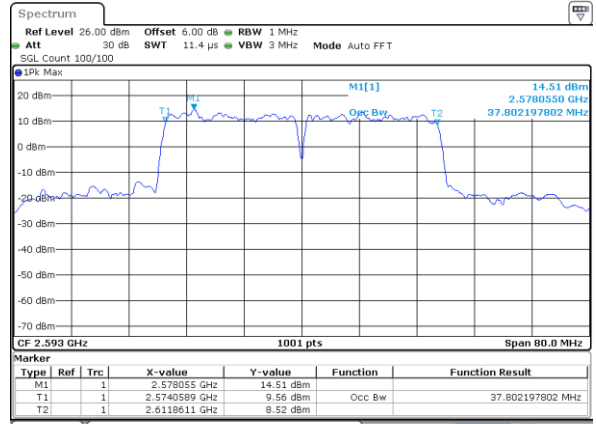
LTE Band 41

Middle Channel / 20MHz+20MHz / QPSK



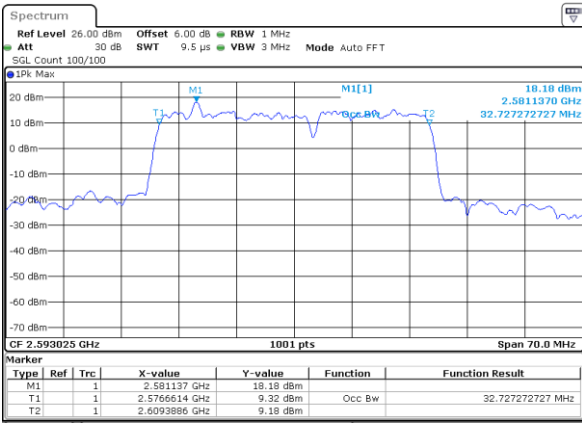
Date: 16.APR.2024 03:16:14

Middle Channel / 20MHz+20MHz / 16QAM



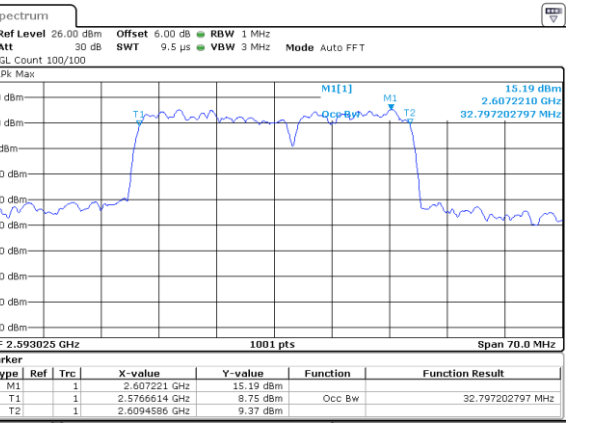
Date: 16.APR.2024 03:14:52

Middle Channel / 20MHz+15MHz / QPSK



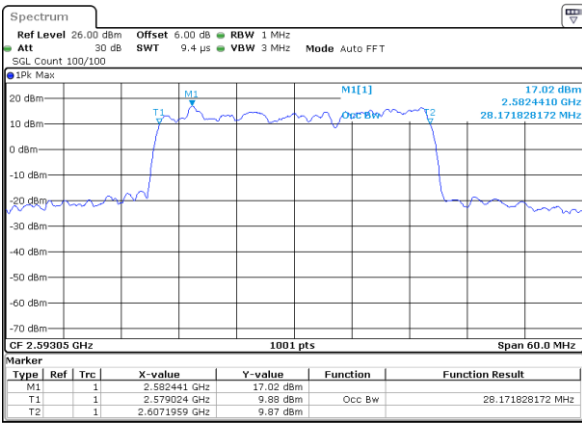
Date: 16.APR.2024 03:12:56

Middle Channel / 20MHz+15MHz / 16QAM



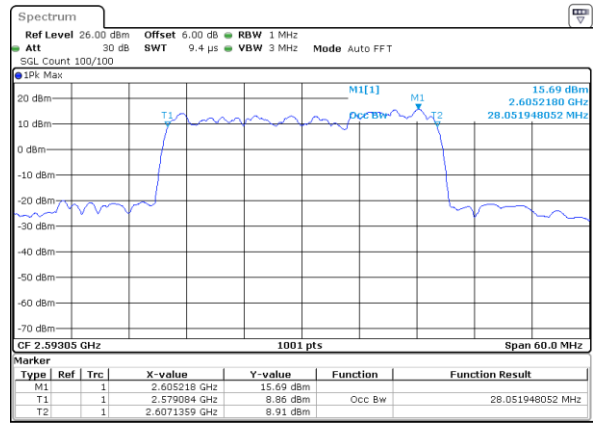
Date: 16.APR.2024 03:14:18

Middle Channel / 20MHz+10MHz / QPSK



Date: 16.APR.2024 03:07:51

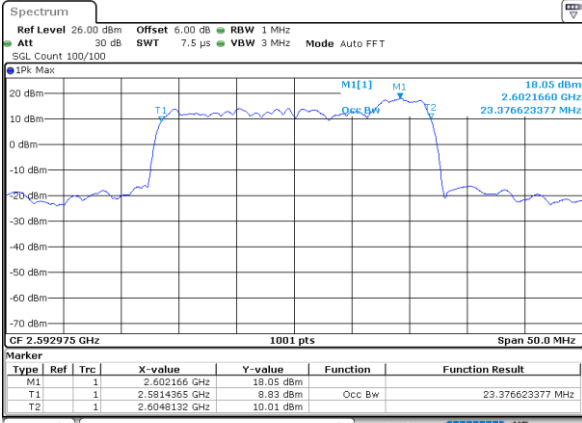
Middle Channel / 20MHz+10MHz / 16QAM



Date: 16.APR.2024 03:06:29

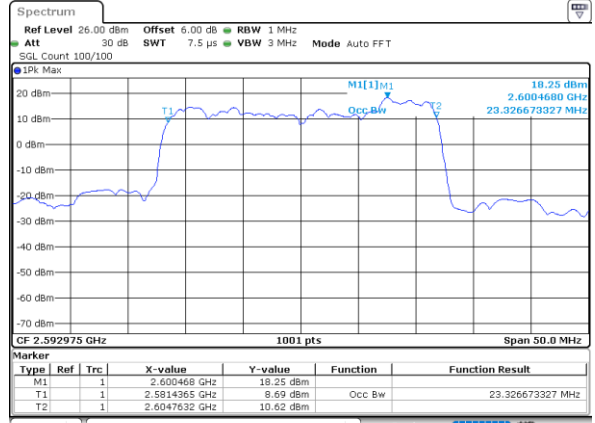


Middle Channel / 20MHz+5MHz / QPSK



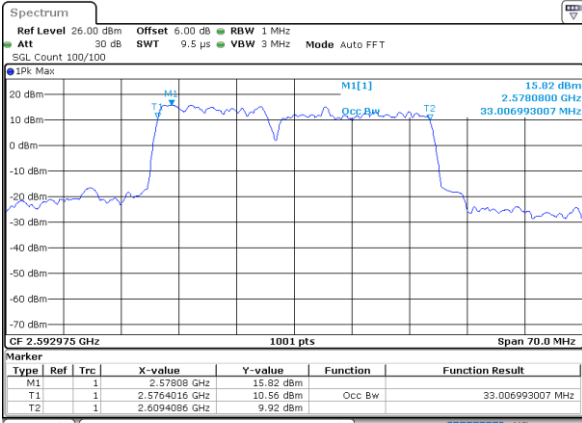
Date: 16.APR.2024 02:15:32

Middle Channel / 20MHz+5MHz / 16QAM



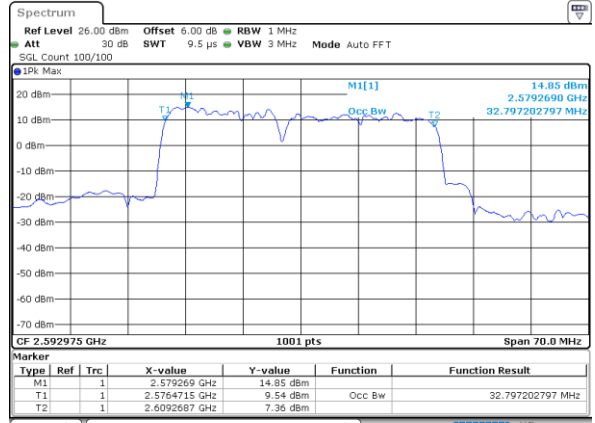
Date: 16.APR.2024 02:15:10

Middle Channel / 15MHz+20MHz / QPSK



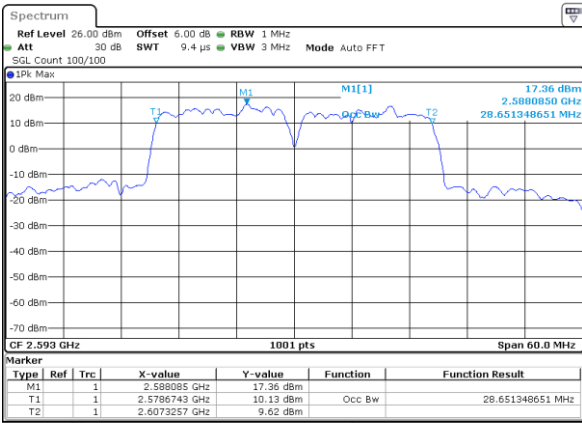
Date: 16.APR.2024 03:12:01

Middle Channel / 15MHz+20MHz / 16QAM



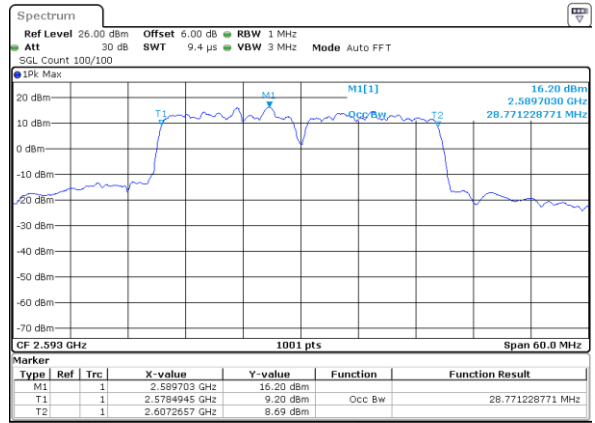
Date: 16.APR.2024 03:10:39

Middle Channel / 15MHz+15MHz / QPSK



Date: 16.APR.2024 03:08:43

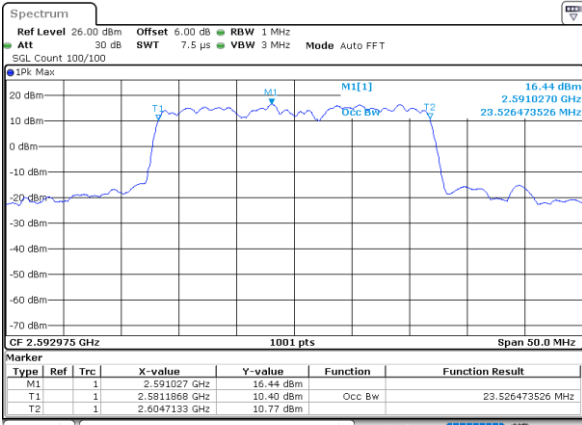
Middle Channel / 15MHz+15MHz / 16QAM



Date: 16.APR.2024 03:10:05

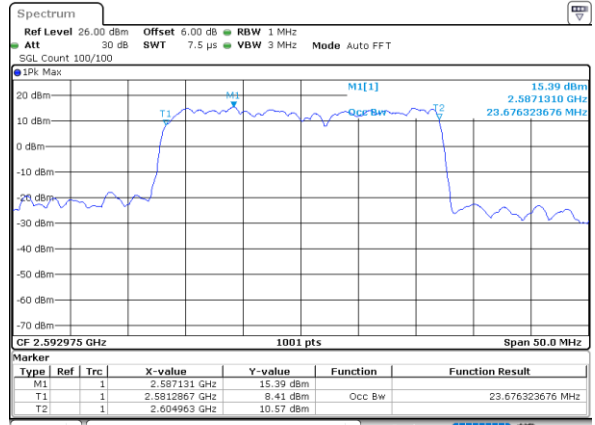


Middle Channel / 15MHz+10MHz / QPSK



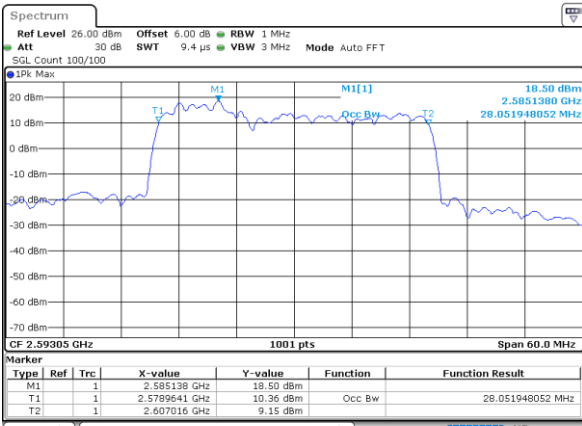
Date: 16.APR.2024 03:03:01

Middle Channel / 15MHz+10MHz / 16QAM



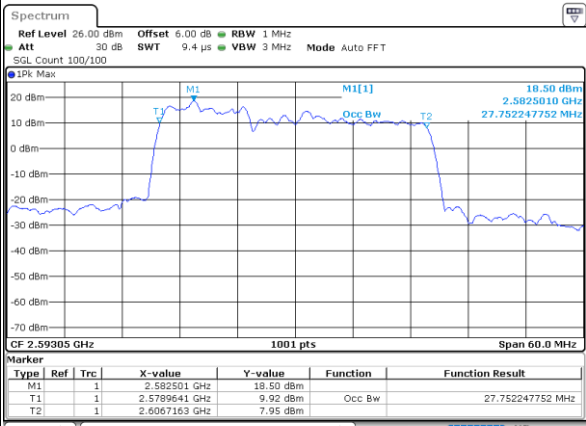
Date: 16.APR.2024 03:01:39

Middle Channel / 10MHz+20MHz / QPSK



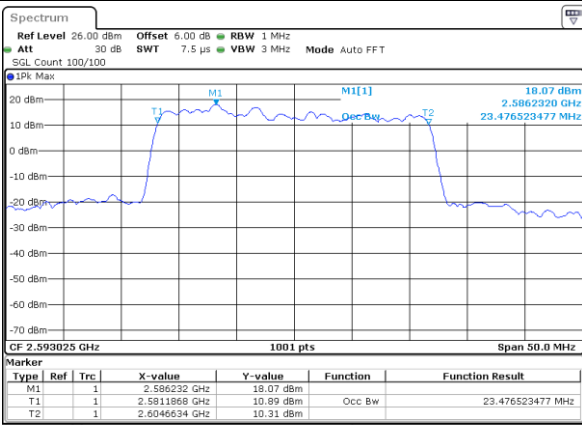
Date: 16.APR.2024 03:04:11

Middle Channel / 10MHz+20MHz / 16QAM



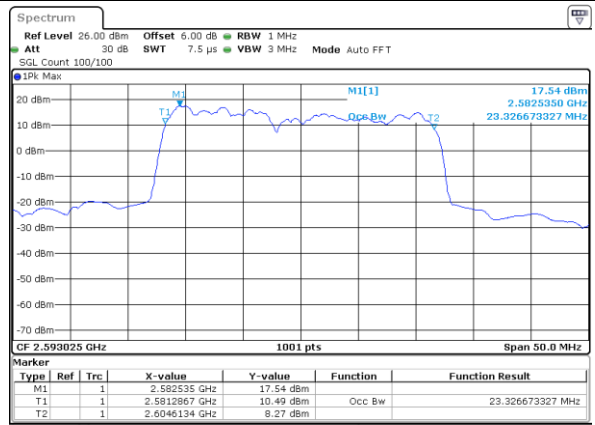
Date: 16.APR.2024 03:05:33

Middle Channel / 10MHz+15MHz / QPSK

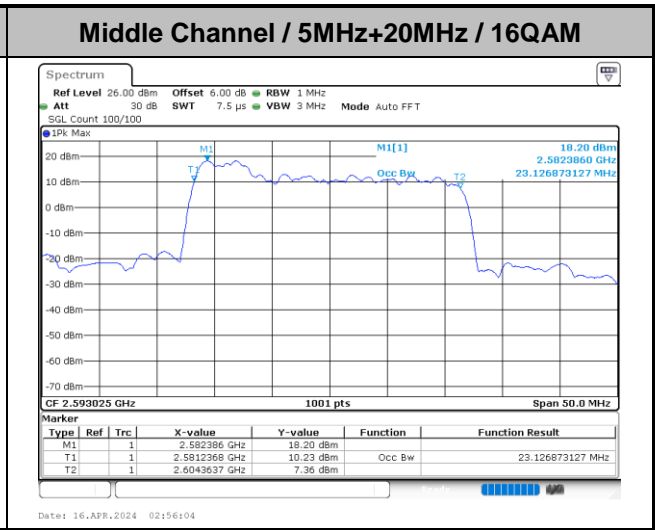
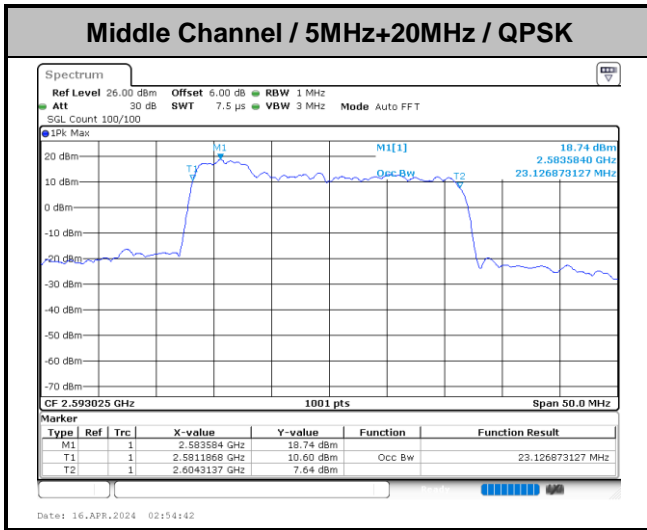


Date: 16.APR.2024 02:59:29

Middle Channel / 10MHz+15MHz / 16QAM



Date: 16.APR.2024 03:00:51



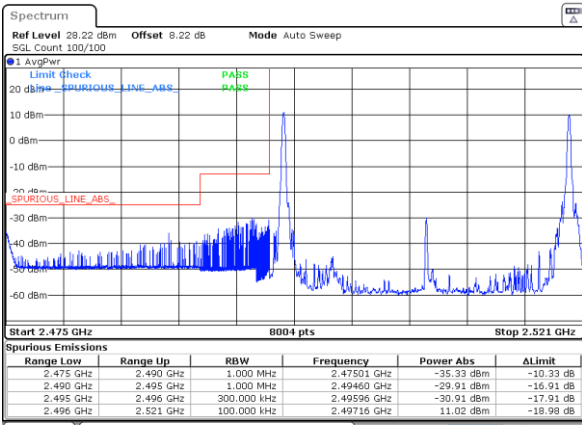


Conducted Band Edge

LTE Band 41C / 5MHz+20MHz

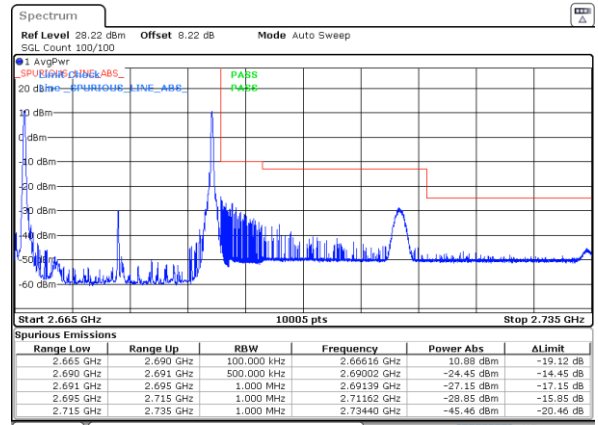
QPSK

Lowest Band Edge / 1RB0 and 1RB99



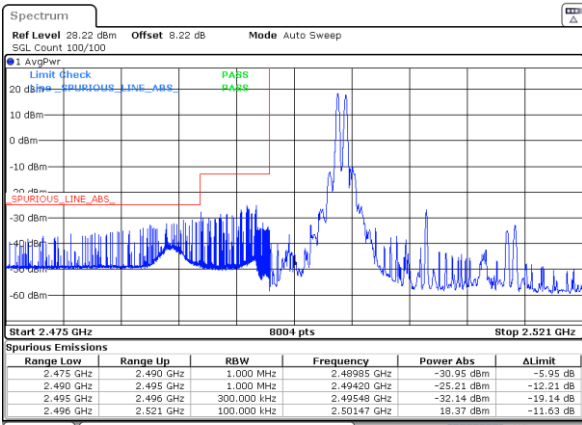
Date: 7.APR.2024 23:30:52

Highest Band Edge / 1RB0 and 1RB99



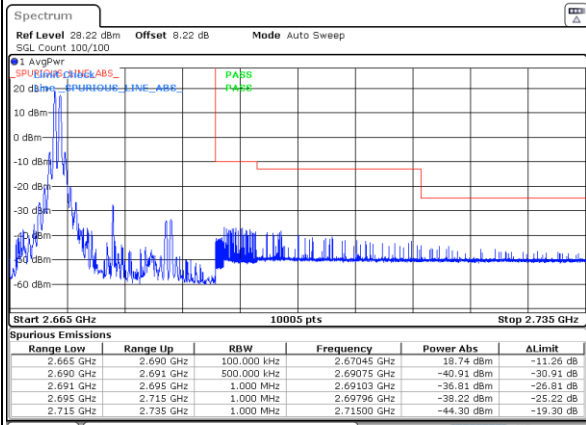
Date: 7.APR.2024 23:43:22

Lowest Band Edge / 1RB24 and 1RB0



Date: 7.APR.2024 23:27:45

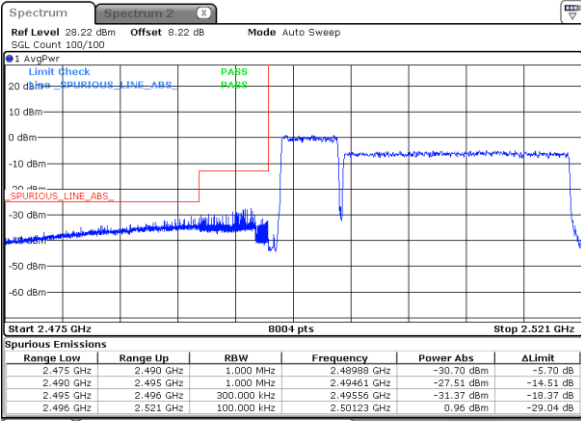
Highest Band Edge / 1RB24 and 1RB0



Date: 7.APR.2024 23:40:12

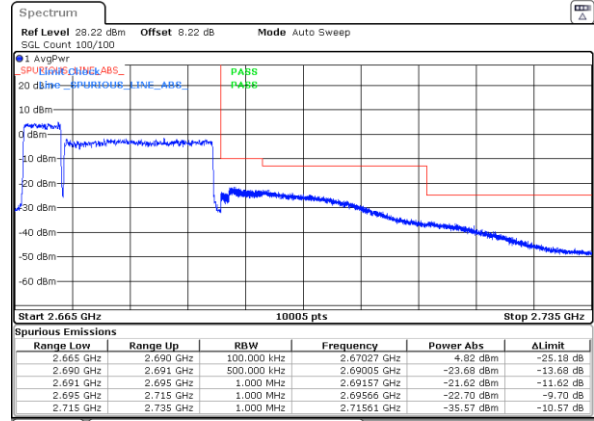


Lowest Band Edge / Full RB



Date: 13.APR.2024 19:29:27

Highest Band Edge / Full RB



Date: 7.APR.2024 23:46:33

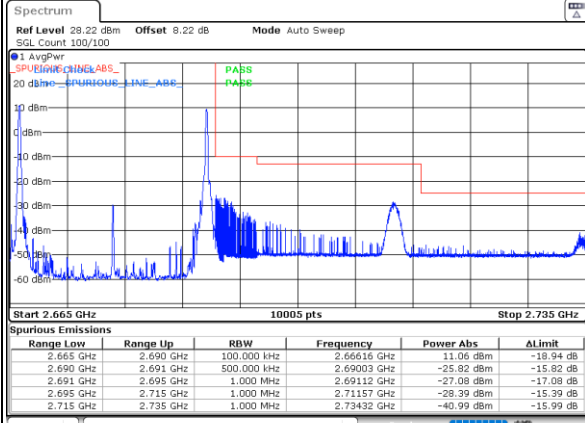
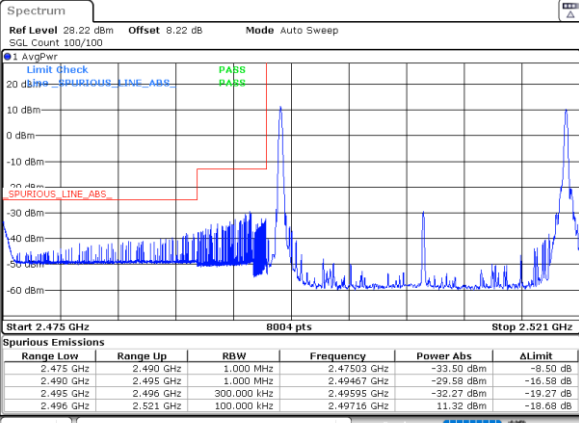


LTE Band 41C / 5MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB99

Highest Band Edge / 1RB0 and 1RB99

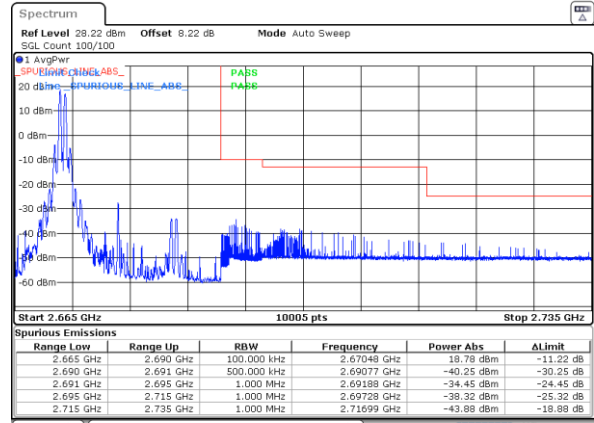
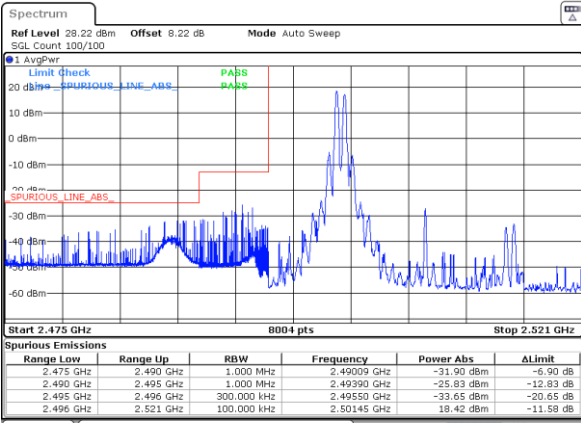


Date: 7.APR.2024 23:31:38

Date: 7.APR.2024 23:44:09

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0

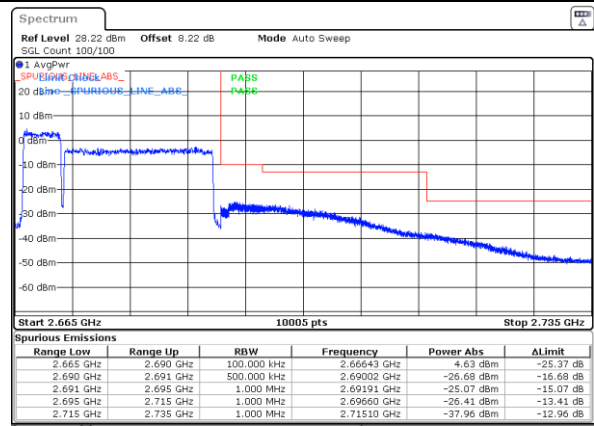
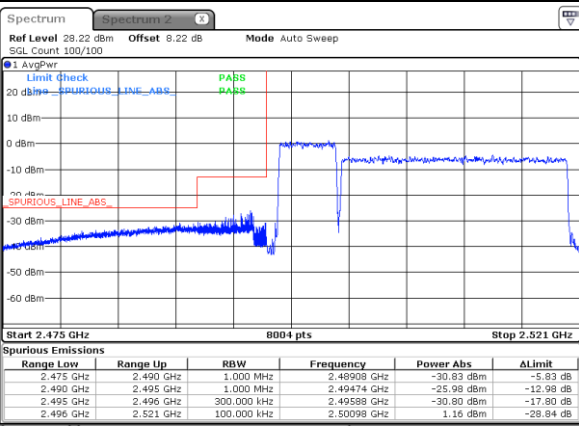


Date: 7.APR.2024 23:28:31

Date: 7.APR.2024 23:40:59

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 11.APR.2024 19:30:14

Date: 7.APR.2024 23:47:20

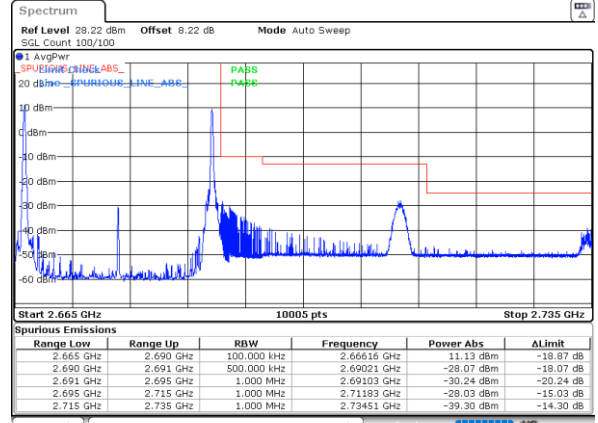
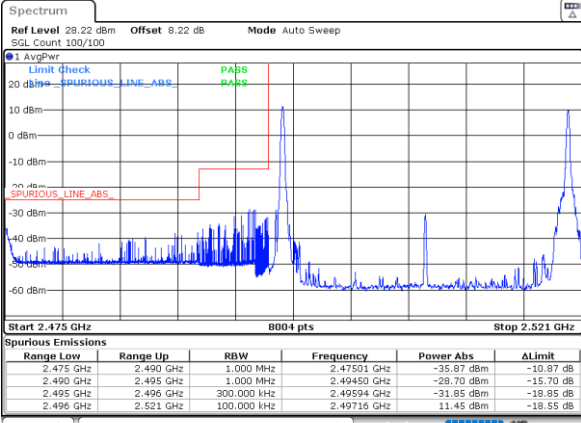


LTE Band 41C / 5MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

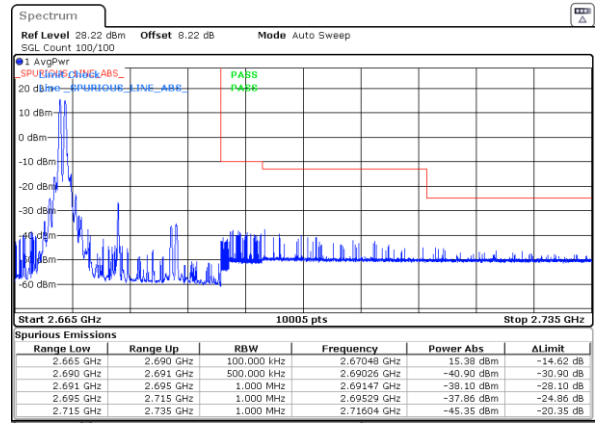
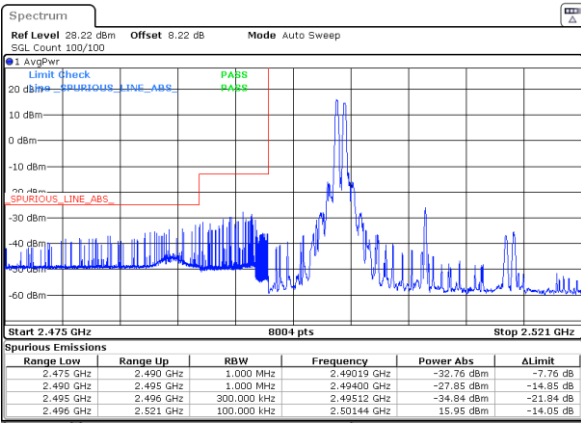


Date: 7.APR.2024 23:32:25

Date: 7.APR.2024 23:44:57

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0

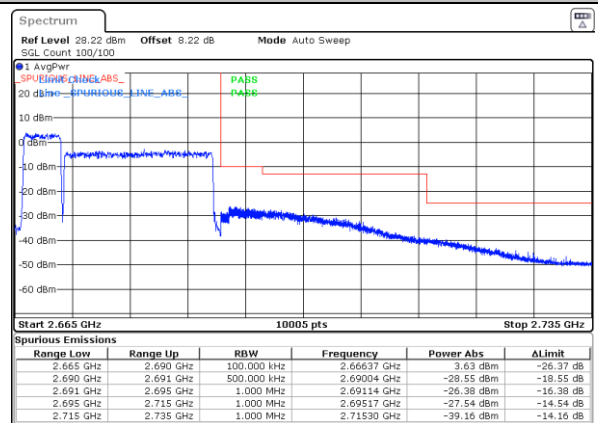
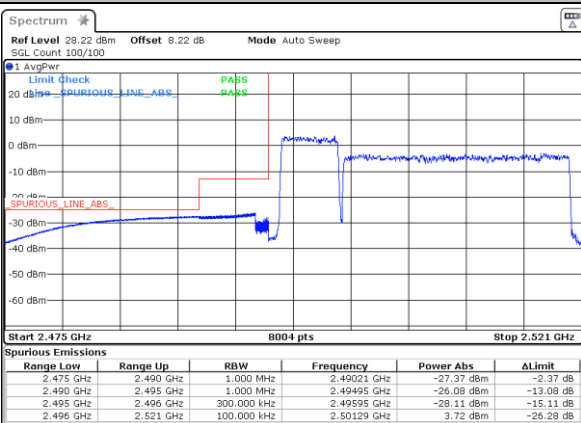


Date: 7.APR.2024 23:29:18

Date: 7.APR.2024 23:44:57

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 8.APR.2024 04:31:52

Date: 7.APR.2024 23:48:08

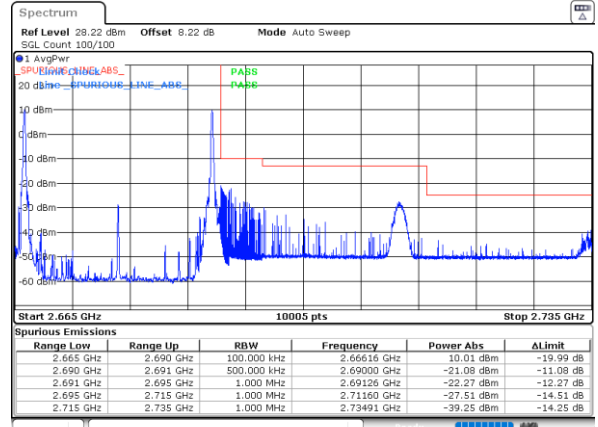
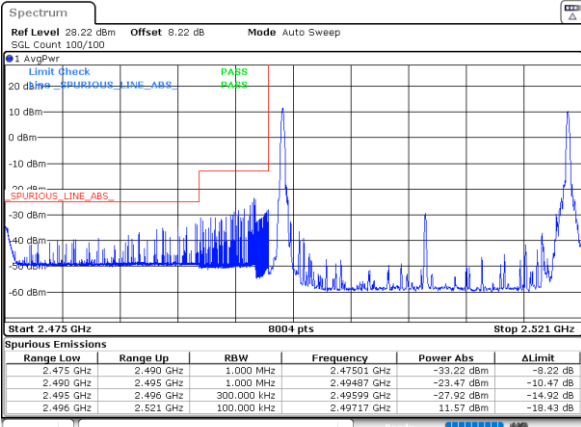


LTE Band 41C / 5MHz+20MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

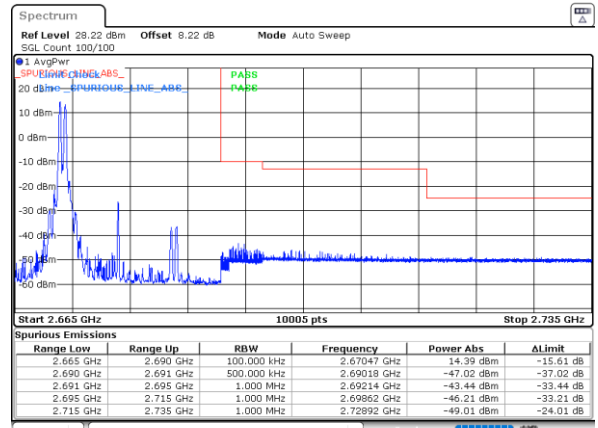
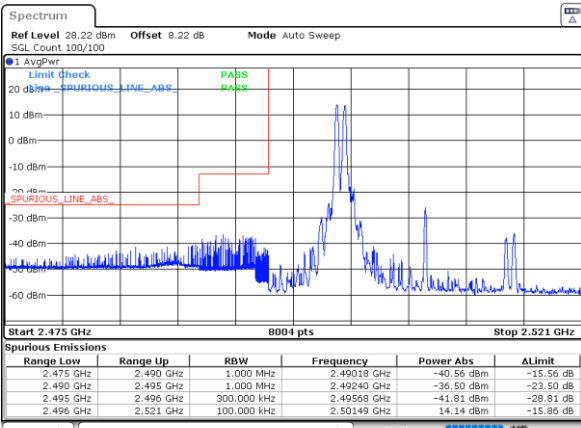


Date: 7.APR.2024 23:33:12

Date: 7.APR.2024 23:45:45

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0

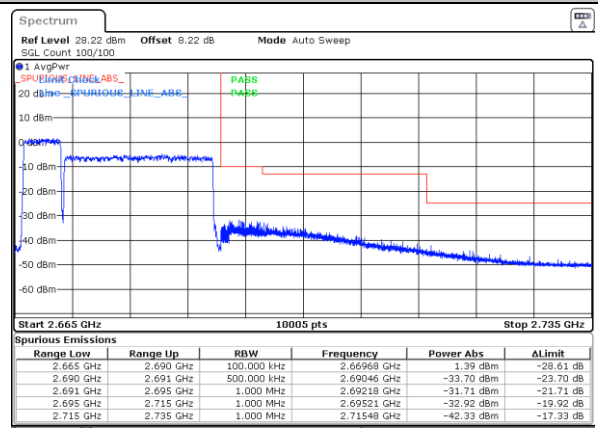
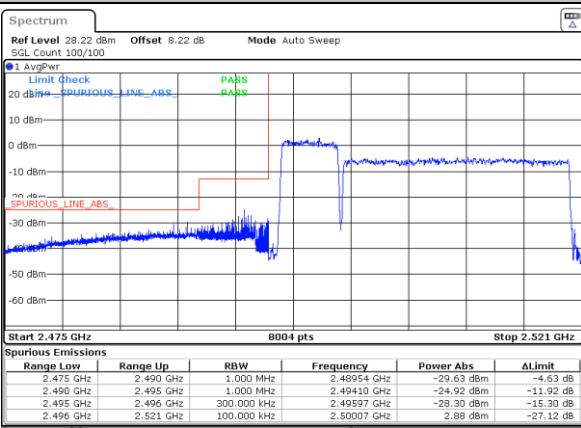


Date: 7.APR.2024 23:30:05

Date: 7.APR.2024 23:42:55

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 7.APR.2024 23:36:19

Date: 7.APR.2024 23:48:55

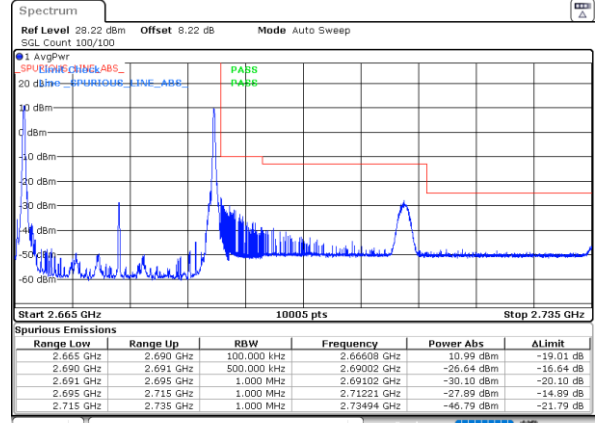
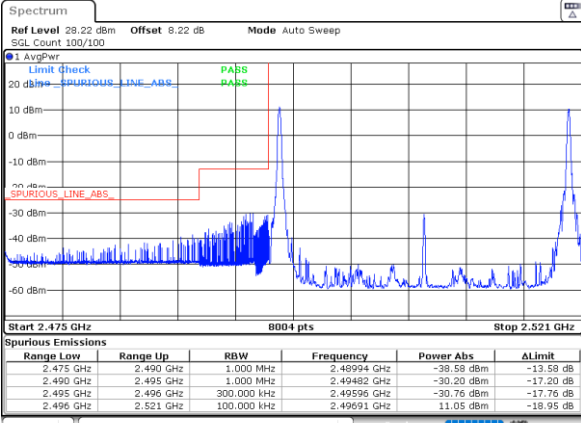


LTE Band 41C / 10MHz+15MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

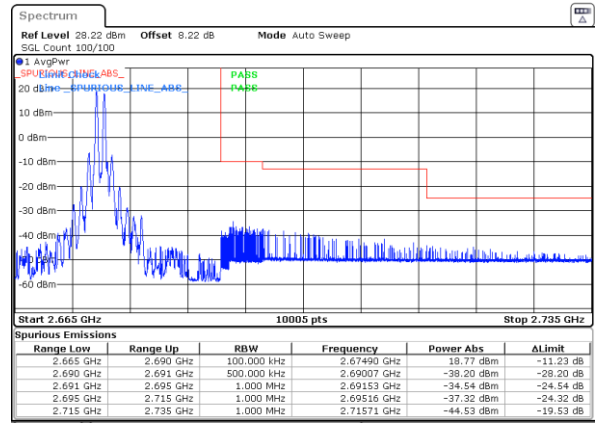
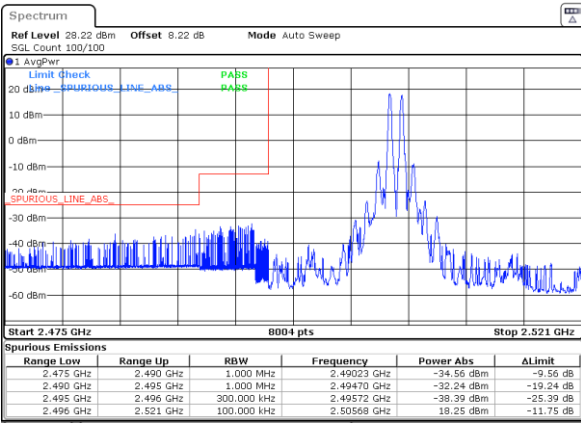


Date: 8.APR.2024 00:13:43

Date: 8.APR.2024 00:14:14

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

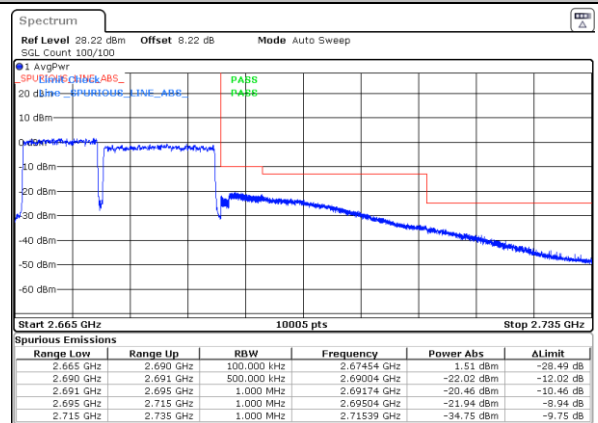
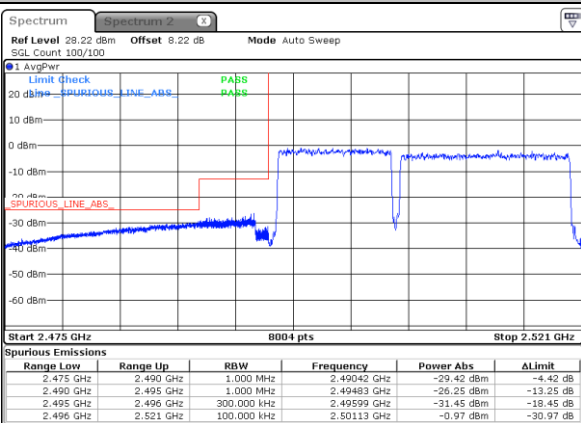


Date: 8.APR.2024 00:13:15

Date: 8.APR.2024 00:14:04

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 11.APR.2024 19:31:56

Date: 8.APR.2024 00:50:24

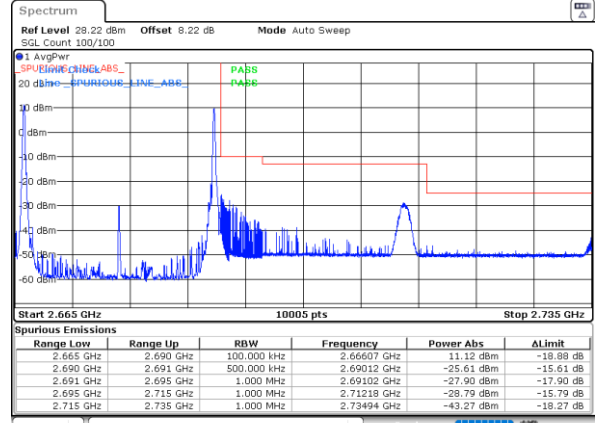
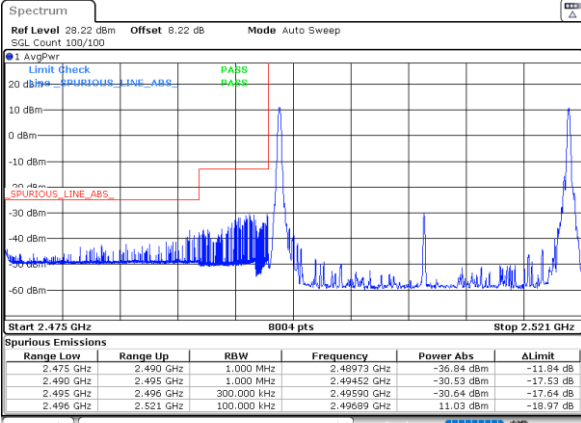


LTE Band 41C / 10MHz+15MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

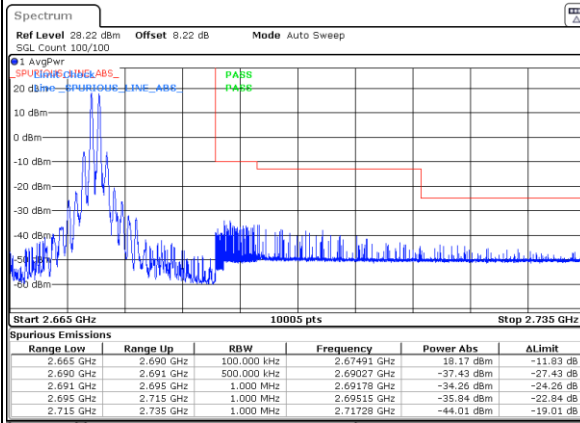
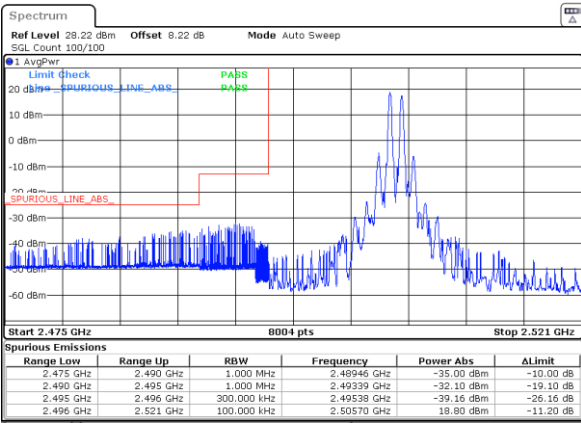


Date: 8.APR.2024 00:35:10

Date: 8.APR.2024 00:48:03

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

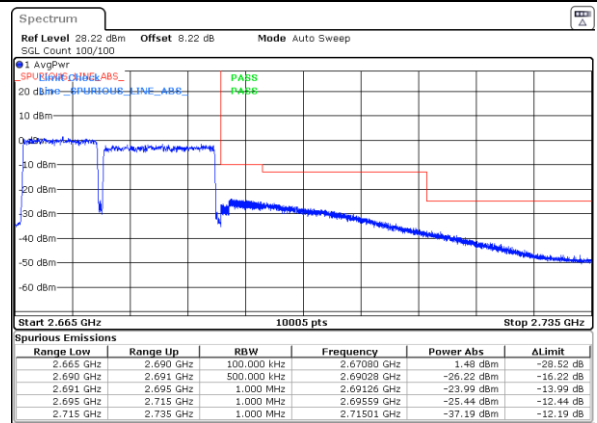
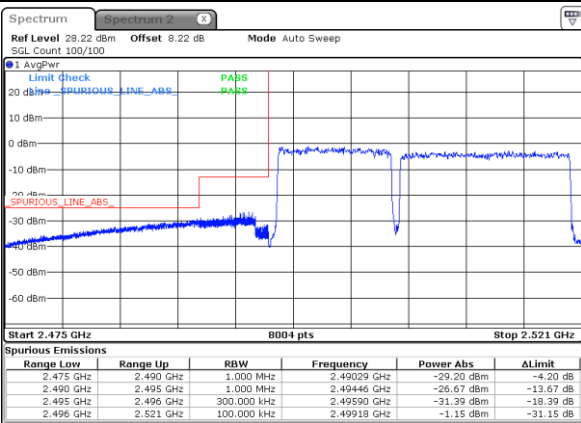


Date: 8.APR.2024 00:32:22

Date: 8.APR.2024 00:44:51

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 11.APR.2024 19:31:10

Date: 8.APR.2024 00:51:12

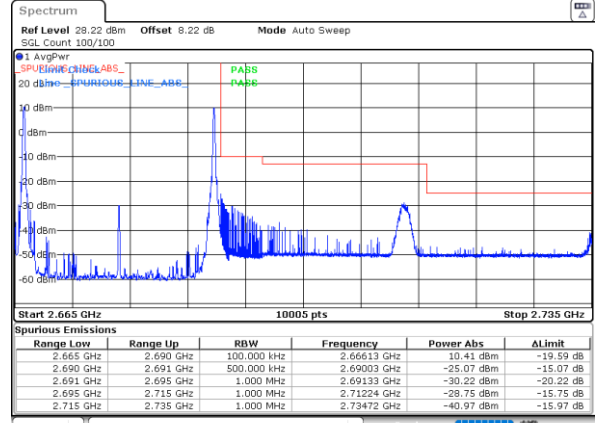
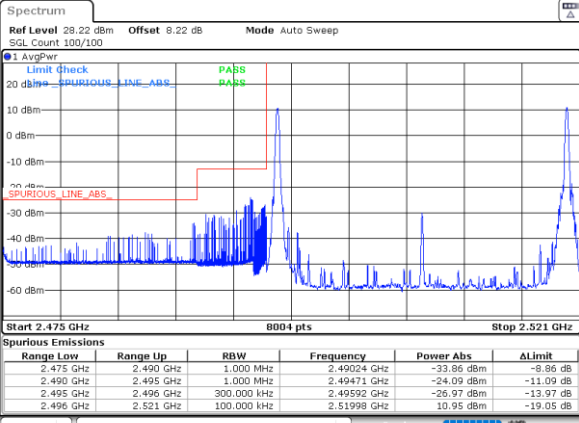


LTE Band 41C / 10MHz+15MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

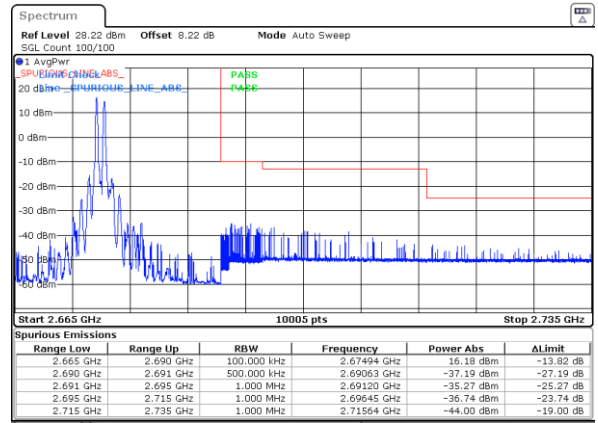
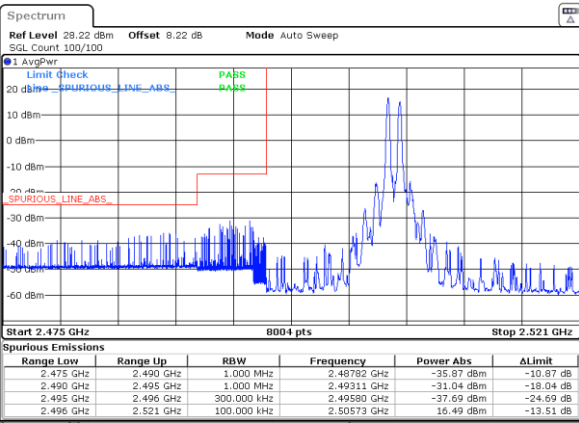


Date: 8.APR.2024 00:13:17

Date: 8.APR.2024 00:14:49

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

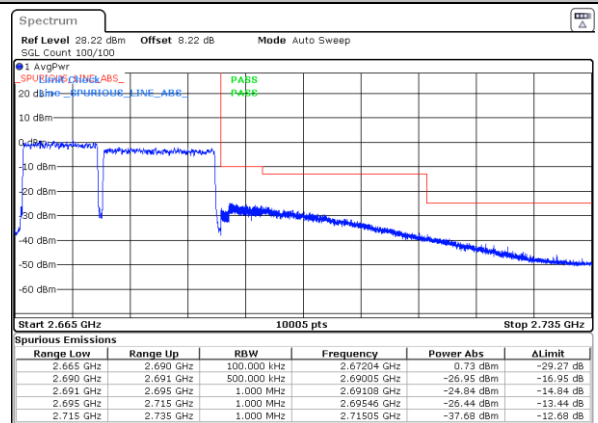
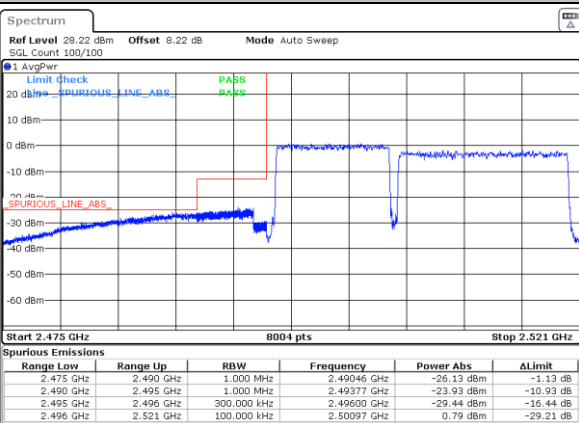


Date: 8.APR.2024 00:13:09

Date: 8.APR.2024 00:14:39

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 8.APR.2024 00:13:25

Date: 8.APR.2024 00:15:59

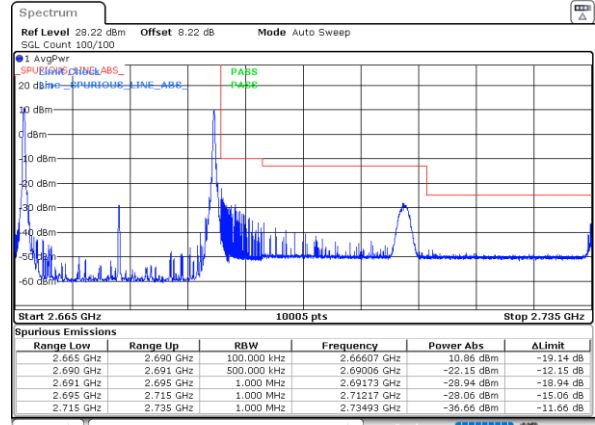
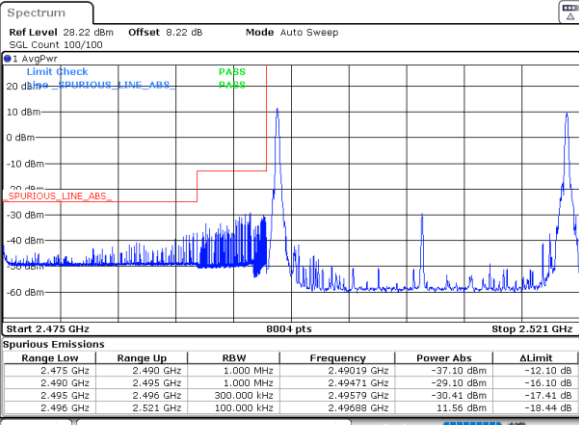


LTE Band 41C / 10MHz+15MHz

256AM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

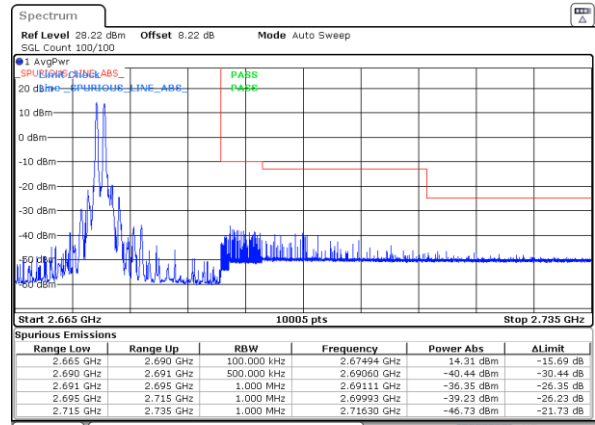
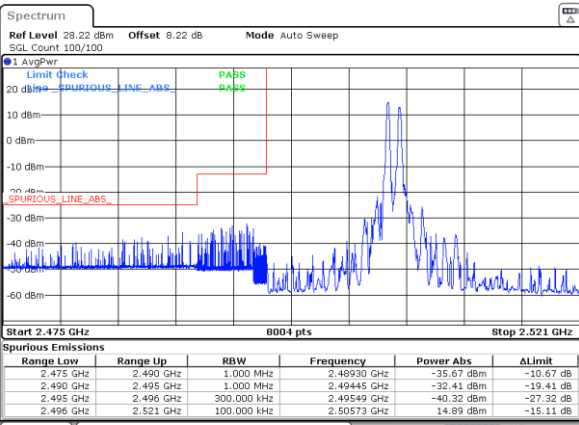


Date: 8.APR.2024 00:13:04

Date: 8.APR.2024 00:14:37

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

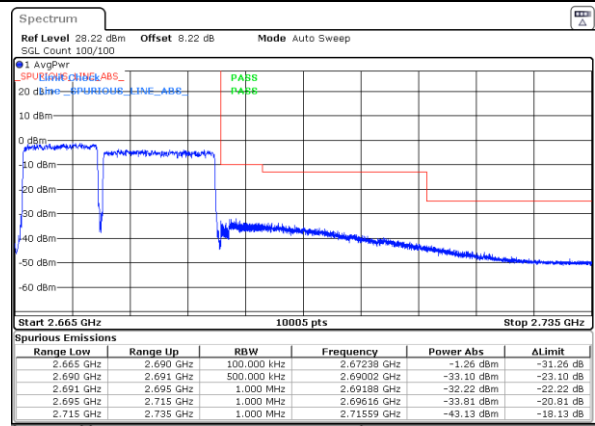
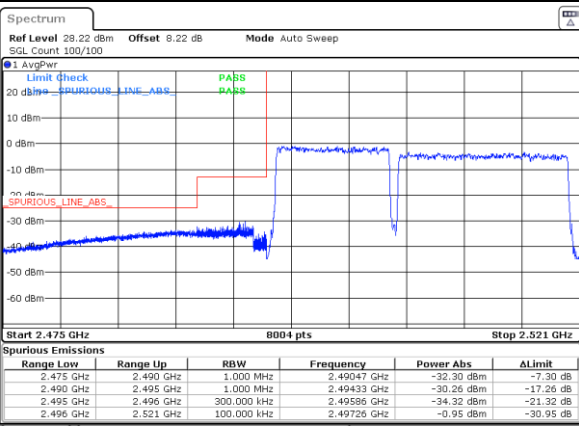


Date: 8.APR.2024 00:13:56

Date: 8.APR.2024 00:14:26

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 8.APR.2024 00:10:12

Date: 8.APR.2024 00:10:47

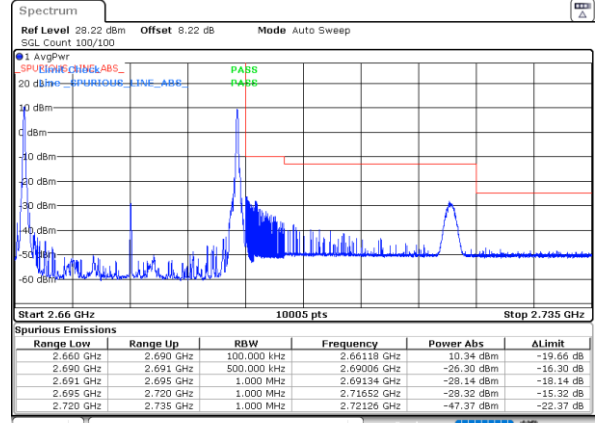
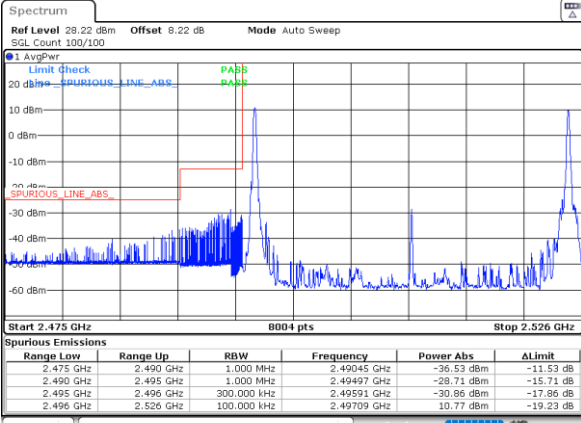


LTE Band 41C / 10MHz+20MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

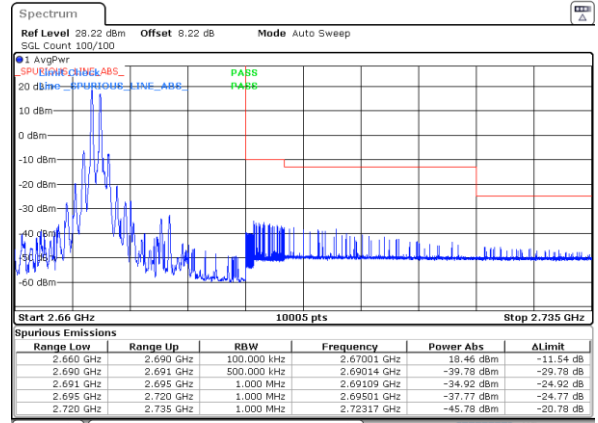
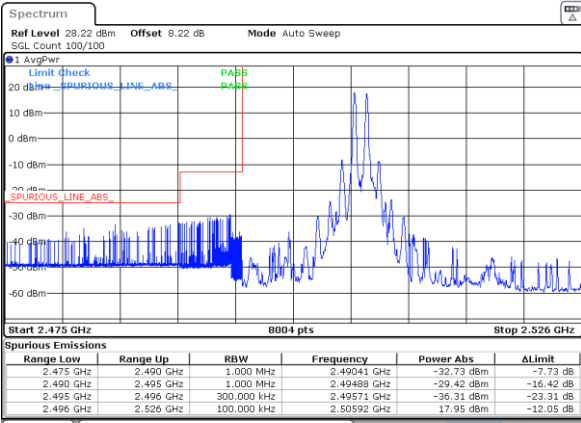


Date: 8.APR.2024 00:58:18

Date: 8.APR.2024 01:10:55

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

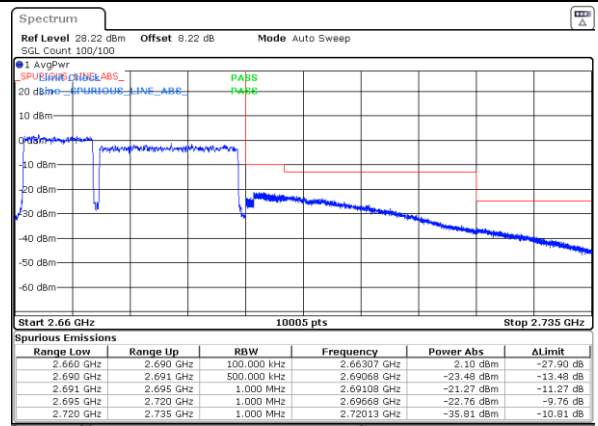
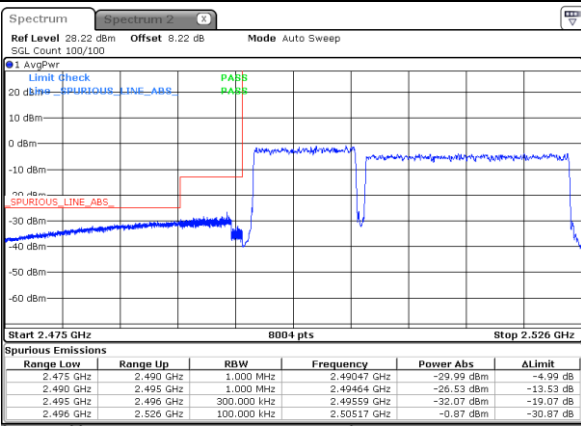


Date: 8.APR.2024 00:55:07

Date: 8.APR.2024 01:07:45

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 11.APR.2024 19:32:47

Date: 8.APR.2024 01:14:07

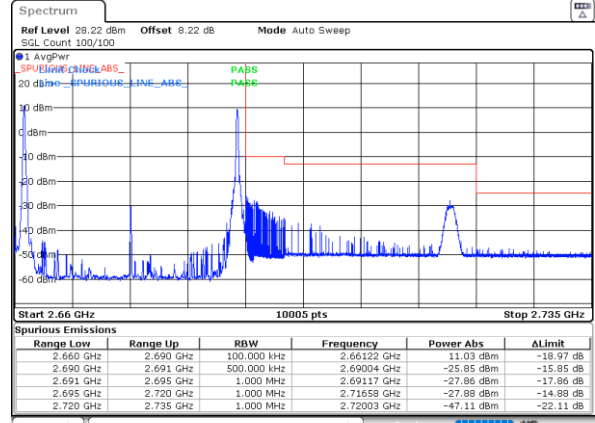
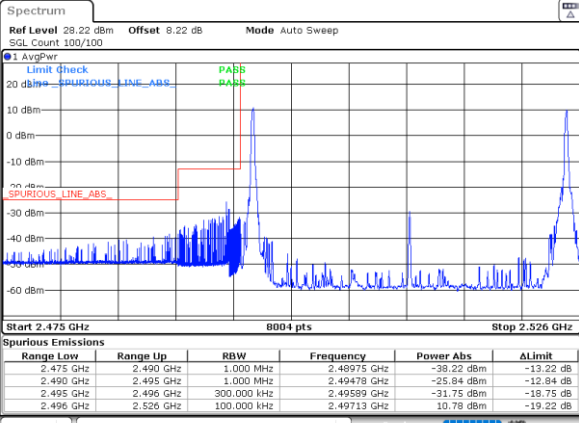


LTE Band 41C / 10MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

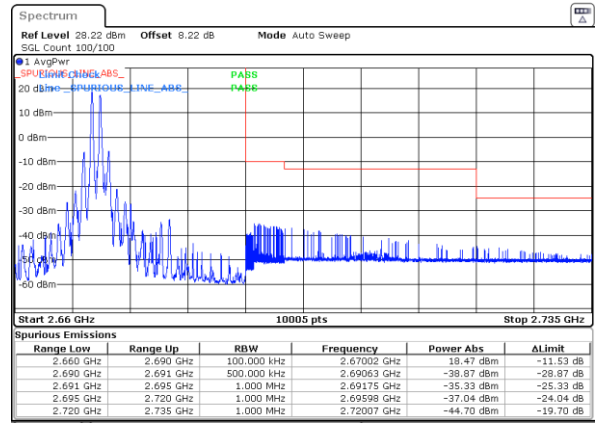
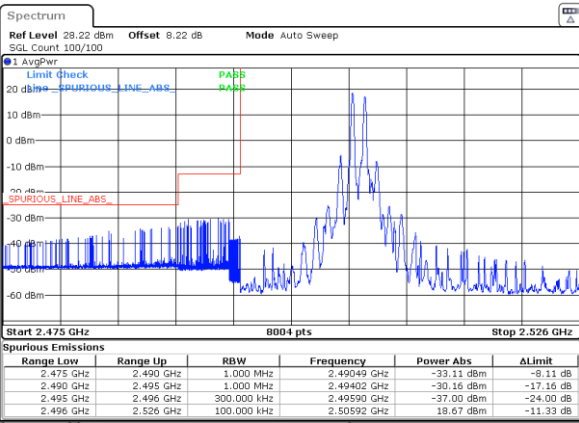


Date: 8.APR.2024 00:59:05

Date: 8.APR.2024 01:11:43

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

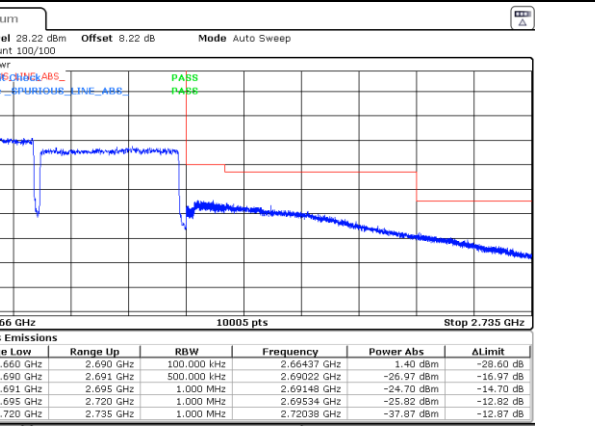
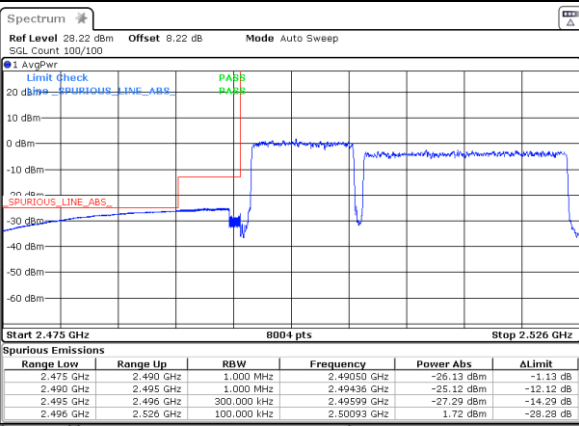


Date: 8.APR.2024 00:55:55

Date: 8.APR.2024 01:08:32

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 8.APR.2024 04:23:45

Date: 8.APR.2024 01:14:54

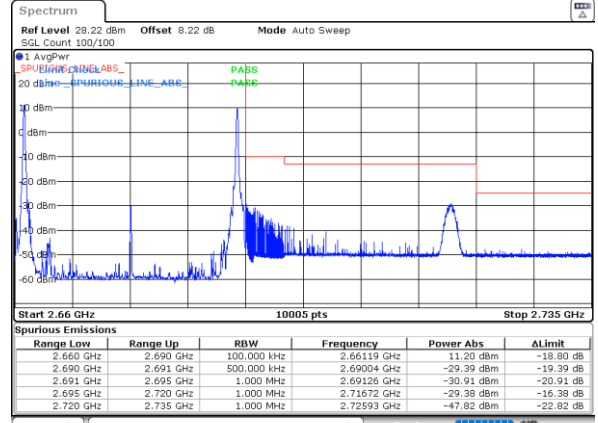
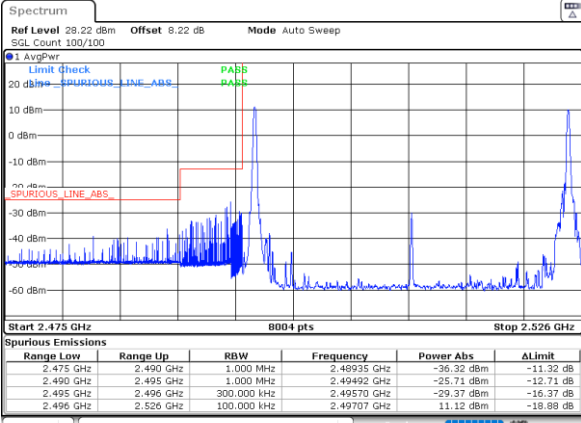


LTE Band 41C / 10MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

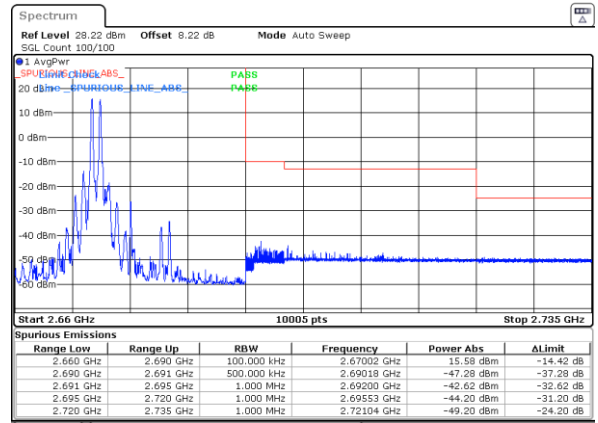
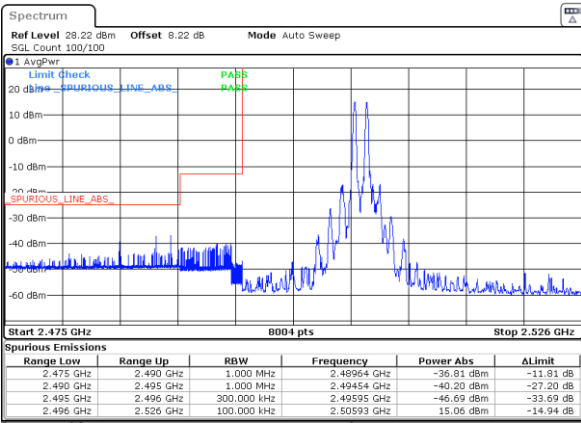


Date: 8.APR.2024 00:59:53

Date: 8.APR.2024 01:12:33

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

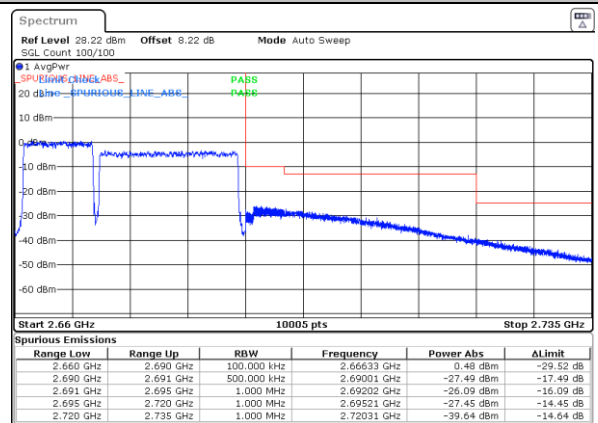
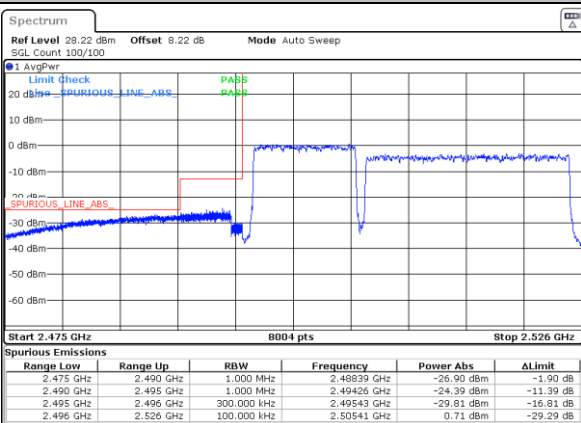


Date: 8.APR.2024 00:56:42

Date: 8.APR.2024 01:09:20

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 8.APR.2024 01:03:04

Date: 8.APR.2024 01:15:42