

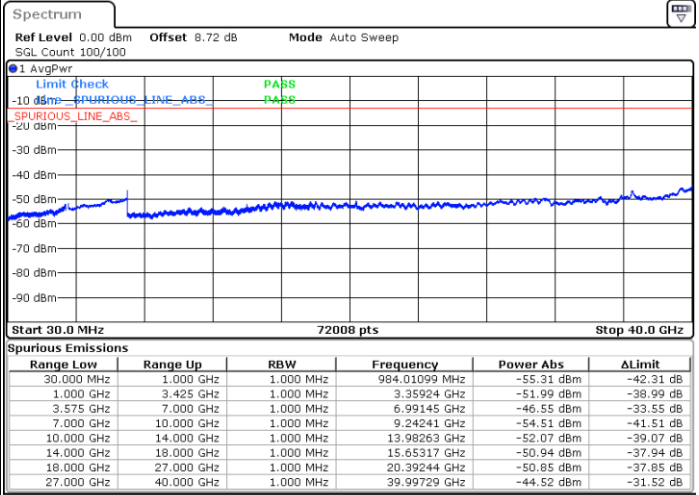
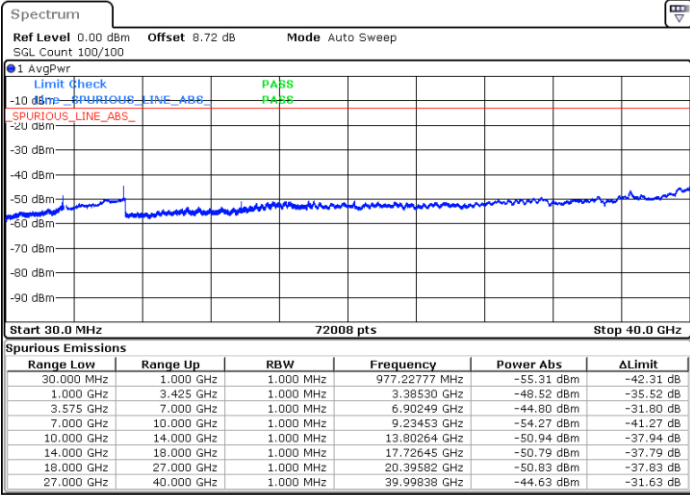


LTE Band 42/ 10MHz

QPSK / 1RB0

Lowest Channel

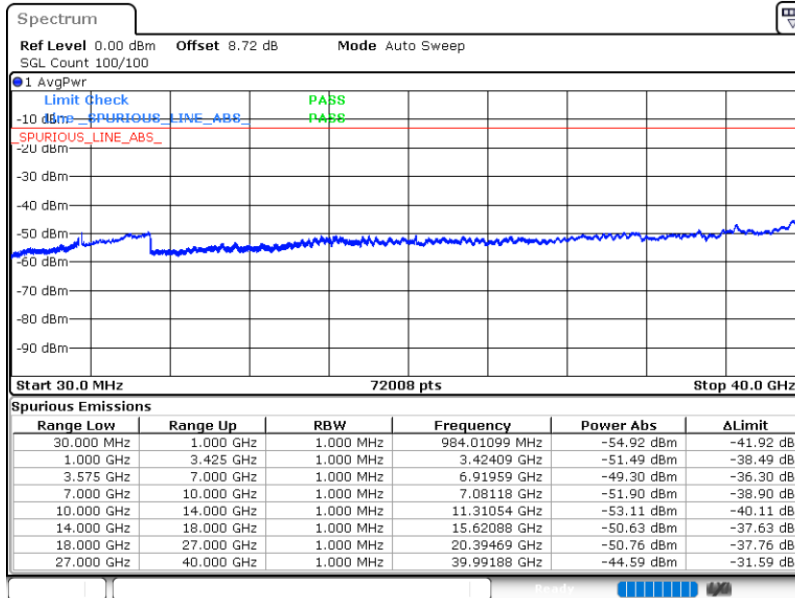
Middle Channel



Date: 17. JUN. 2024 13:53:21

Date: 17. JUN. 2024 14:12:41

Highest Channel



Date: 17. JUN. 2024 14:14:01

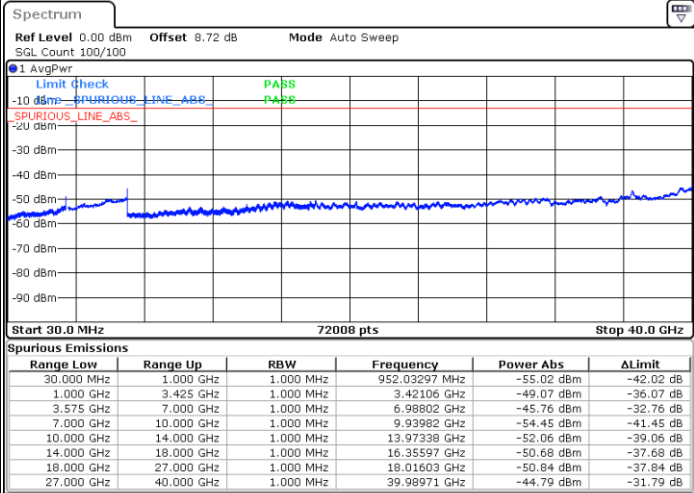
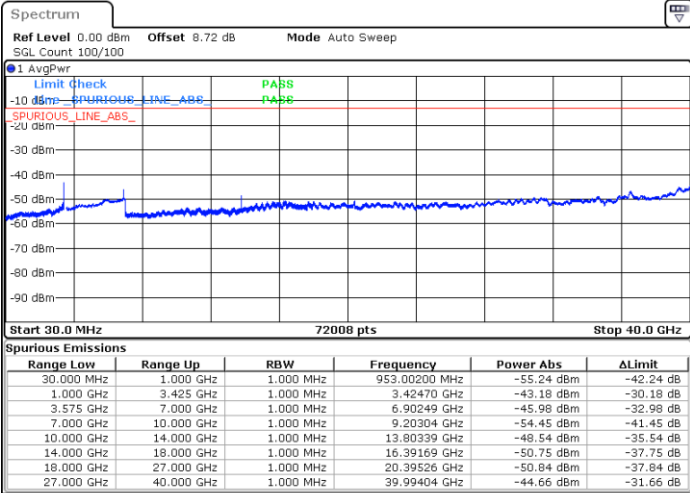


LTE Band 42/ 15MHz

QPSK / 1RB0

Lowest Channel

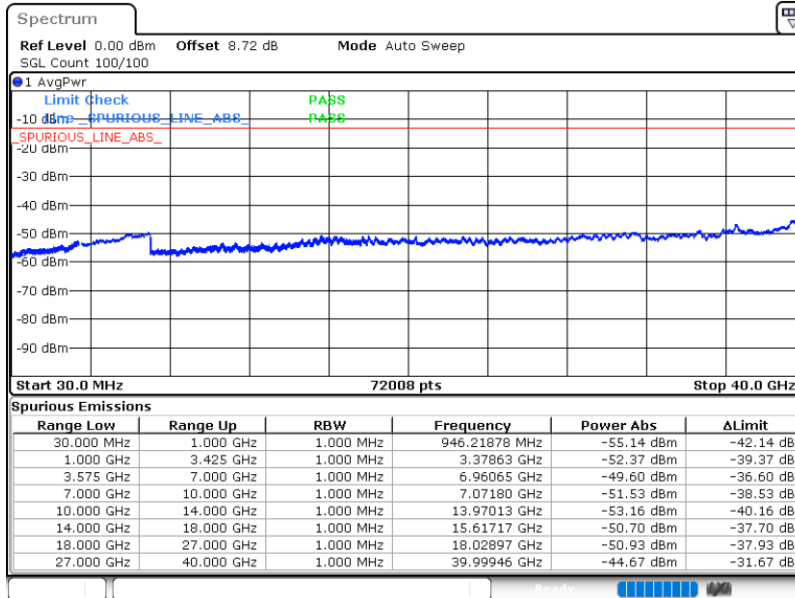
Middle Channel



Date: 17. JUN. 2024 14:26:36

Date: 17. JUN. 2024 14:27:56

Highest Channel



Date: 17. JUN. 2024 14:29:17

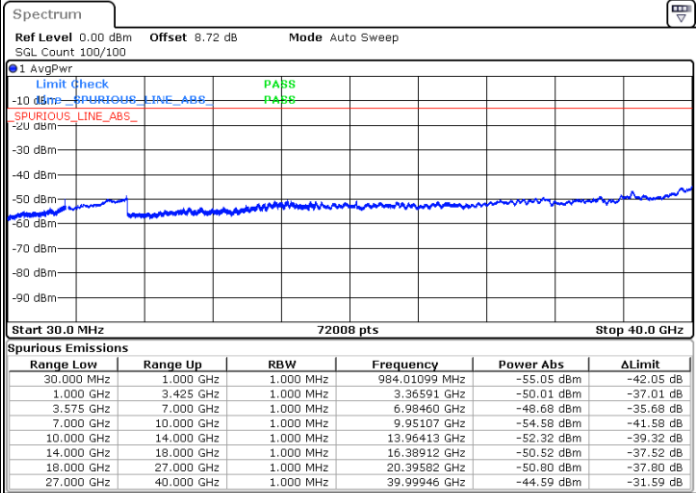
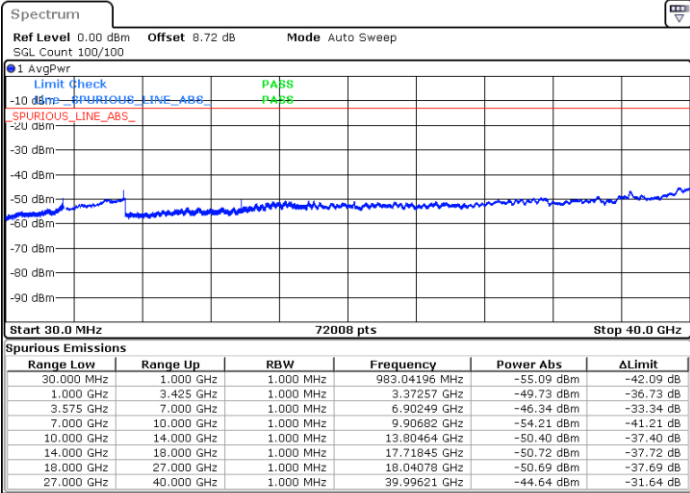


LTE Band 42/ 20MHz

QPSK / 1RB0

Lowest Channel

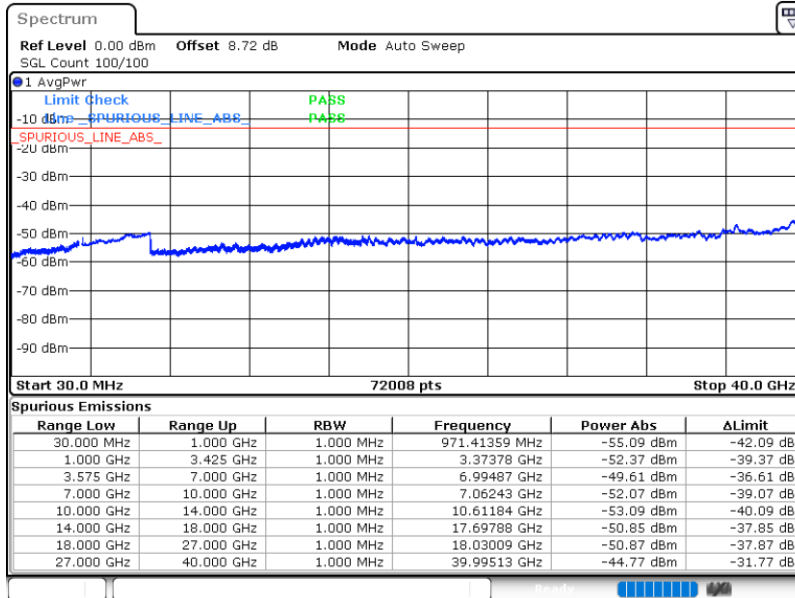
Middle Channel



Date: 17. JUN. 2024 14:41:47

Date: 17. JUN. 2024 14:43:07

Highest Channel



Date: 17. JUN. 2024 14:44:27

Frequency Stability

Test Conditions		LTE Band 42 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 5MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0024	PASS
40	Normal Voltage	0.0016	
30	Normal Voltage	0.0041	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0034	
0	Normal Voltage	0.0032	
-10	Normal Voltage	0.0017	
-20	Normal Voltage	0.0029	
-30	Normal Voltage	0.0025	
20	Maximum Voltage	0.0033	
20	Normal Voltage	0.0021	
20	Battery End Point	0.0043	

Note:

1. Normal Voltage =3.92 ; Battery End Point (BEP) =3.4 ; Maximum Voltage =4.48
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band CA_42C

26dB Bandwidth

Mode	LTE Band 42C : 26dB BW(MHz)	
Mod.	QPSK	16QAM
BW	5MHz+20MHz	5MHz+20MHz
Middle CH	24.78	24.88
Mod.	QPSK	16QAM
BW	10MHz+20MHz	10MHz+20MHz
Middle CH	29.97	29.91
Mod.	QPSK	16QAM
BW	15MHz+20MHz	15MHz+20MHz
Middle CH	34.83	34.76
Mod.	QPSK	16QAM
BW	20MHz+5MHz	20MHz+5MHz
Middle CH	25.03	24.88
Mod.	QPSK	16QAM
BW	20MHz+10MHz	20MHz+10MHz
Middle CH	30.03	30.09
Mod.	QPSK	16QAM
BW	20MHz+15MHz	20MHz+15MHz
Middle CH	34.83	34.97
Mod.	QPSK	16QAM
BW	20MHz+20MHz	20MHz+20MHz
Middle CH	39.8	39.88



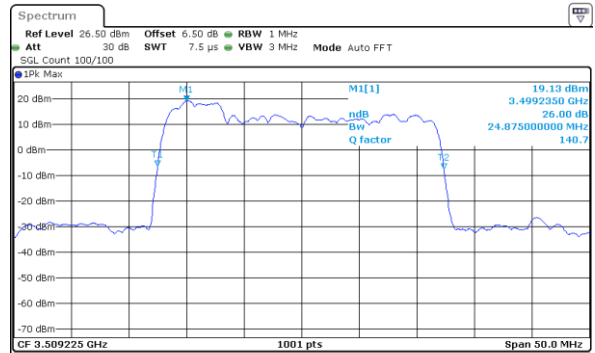
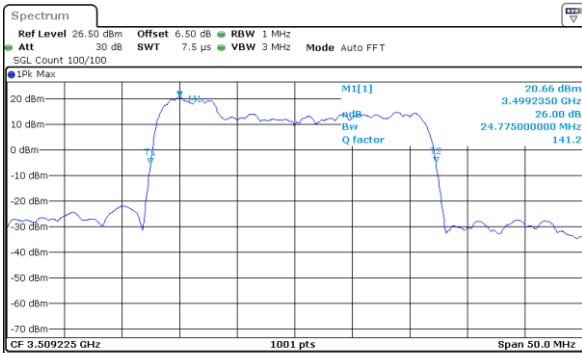
LTE Band 42C

QPSK

16QAM

Middle Channel / 5MHz+20MHz

Middle Channel / 5MHz+20MHz



Date: 17 JUN 2024 21:13:47

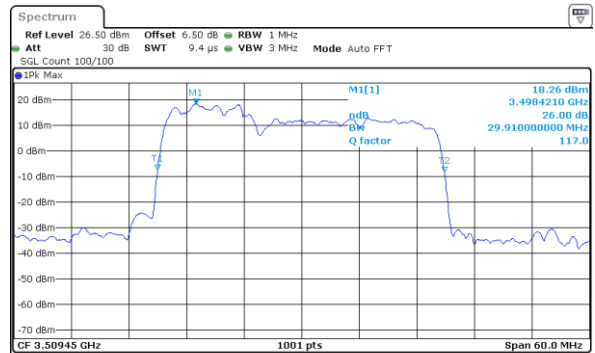
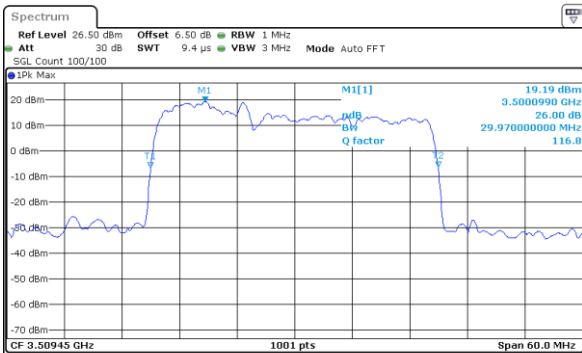
Date: 17 JUN 2024 23:40:28

QPSK

16QAM

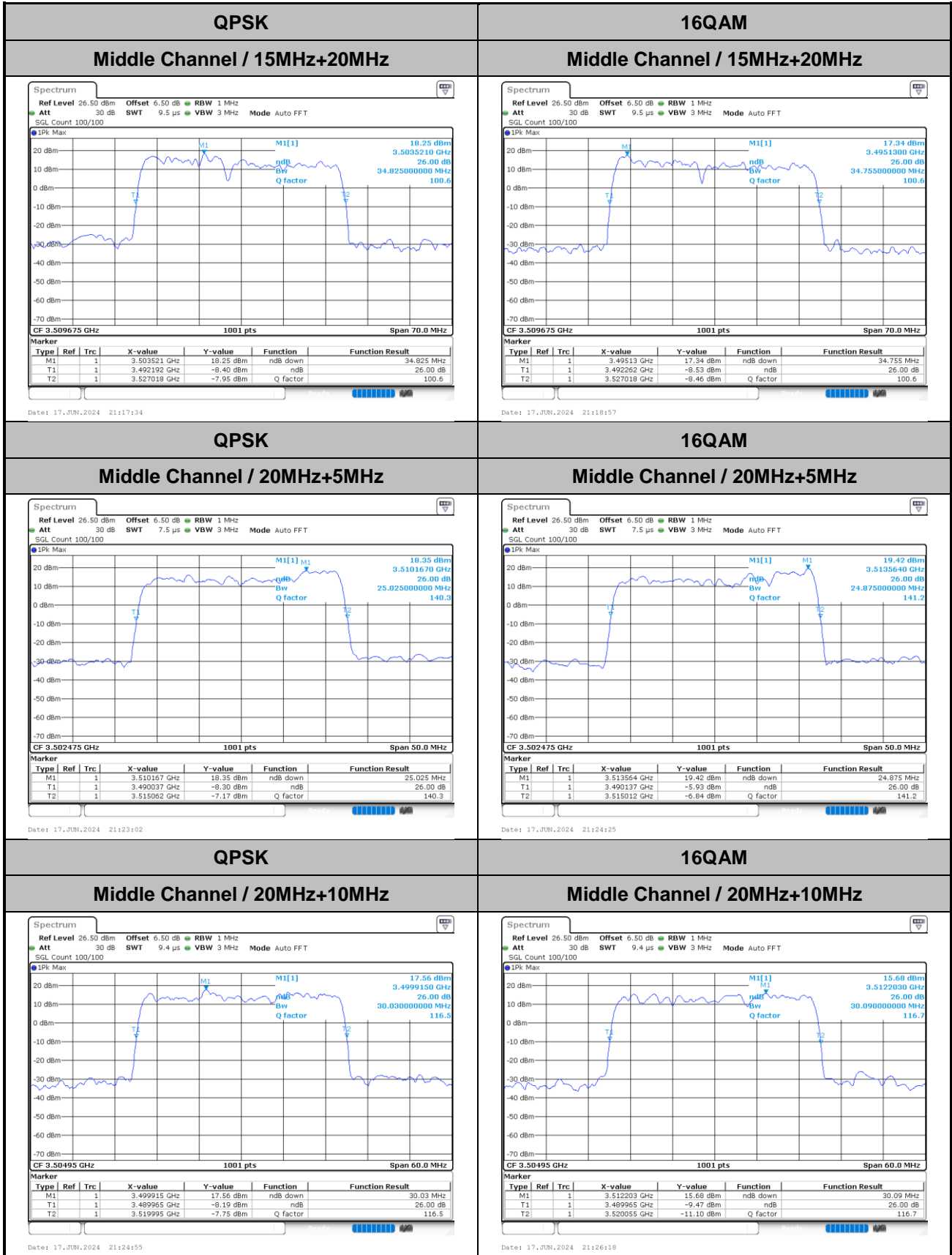
Middle Channel / 10MHz+20MHz

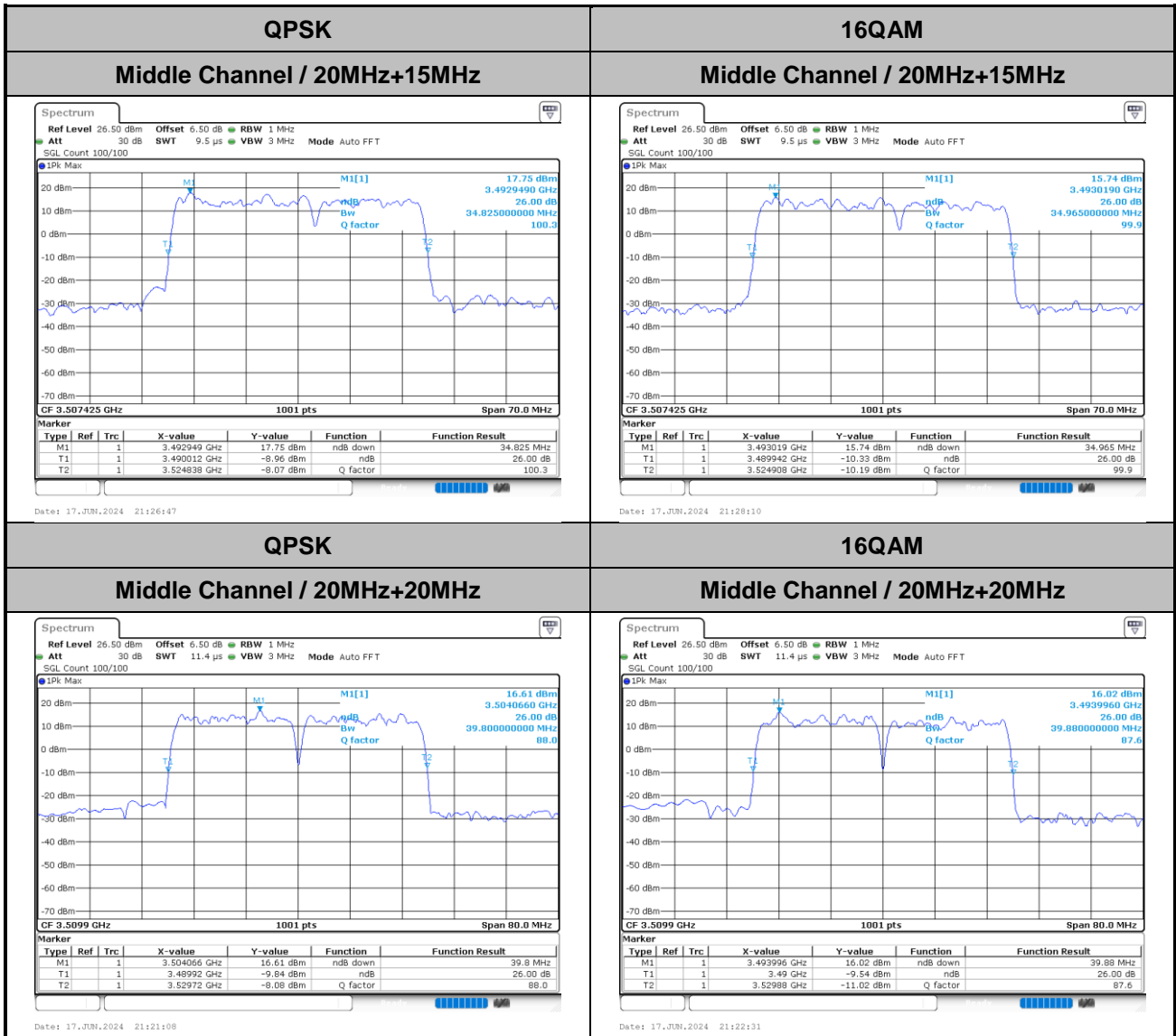
Middle Channel / 10MHz+20MHz



Date: 17 JUN 2024 21:15:41

Date: 17 JUN 2024 21:17:04





Occupied Bandwidth

Mode	LTE Band 42C : 99%OBW(MHz)	
Mod.	QPSK	16QAM
BW	5MHz+20MHz	5MHz+20MHz
Middle CH	23.38	23.03
Mod.	QPSK	16QAM
BW	10MHz+20MHz	10MHz+20MHz
Middle CH	27.99	28.23
Mod.	QPSK	16QAM
BW	15MHz+20MHz	15MHz+20MHz
Middle CH	32.94	32.94
Mod.	QPSK	16QAM
BW	20MHz+5MHz	20MHz+5MHz
Middle CH	23.43	23.43
Mod.	QPSK	16QAM
BW	20MHz+10MHz	20MHz+10MHz
Middle CH	27.99	27.87
Mod.	QPSK	16QAM
BW	20MHz+15MHz	20MHz+15MHz
Middle CH	32.87	32.66
Mod.	QPSK	16QAM
BW	20MHz+20MHz	20MHz+20MHz
Middle CH	37.64	37.96



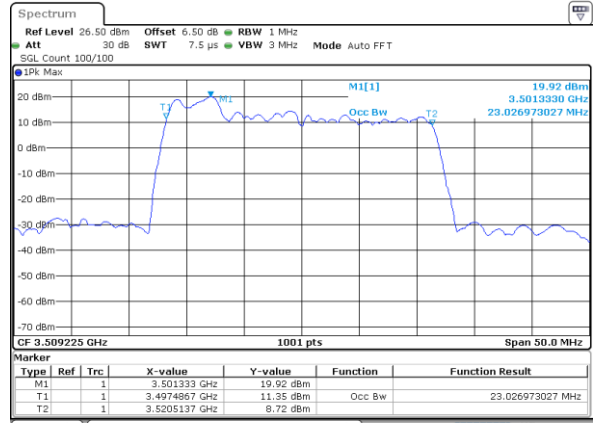
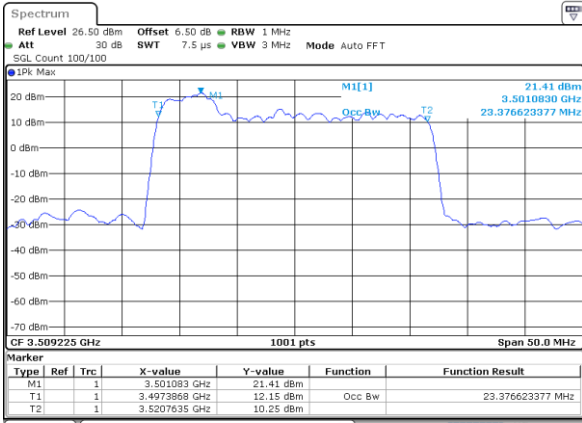
LTE Band 42C

QPSK

16QAM

Middle Channel / 5MHz+20MHz

Middle Channel / 5MHz+20MHz



Date: 17_JUN_2024 21:14:15

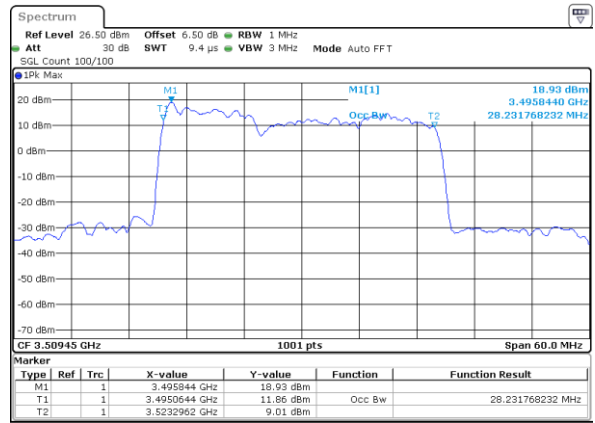
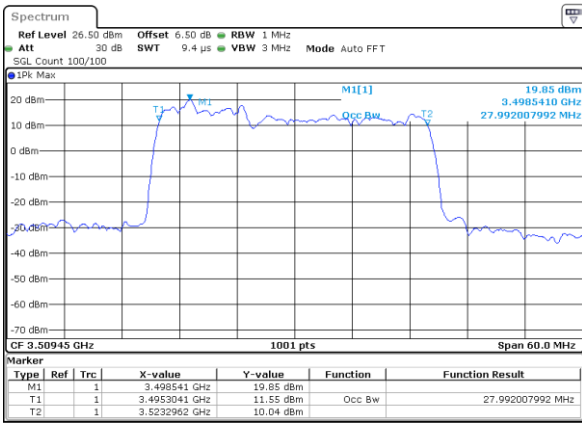
Date: 17_JUN_2024 21:14:43

QPSK

16QAM

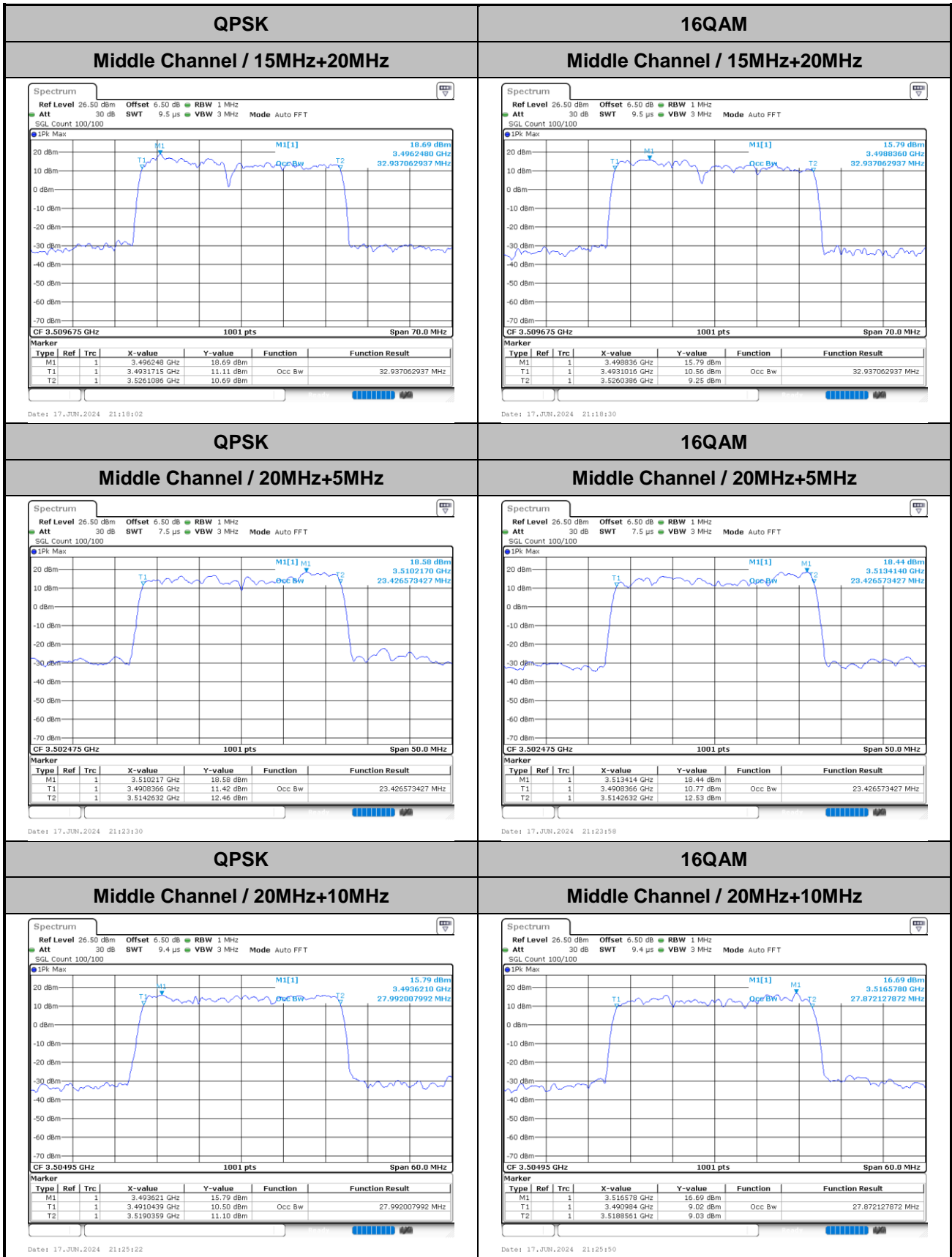
Middle Channel / 10MHz+20MHz

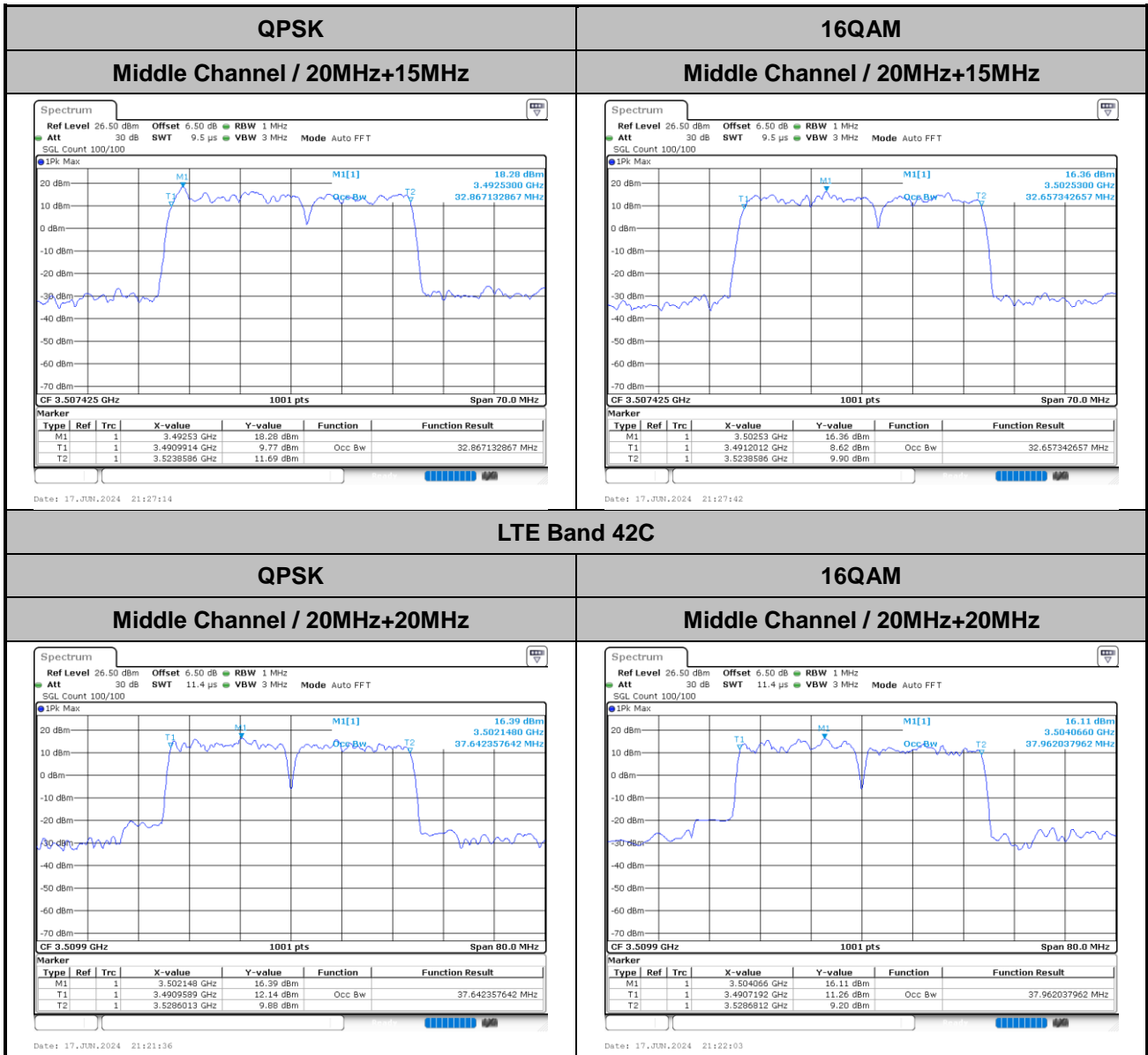
Middle Channel / 10MHz+20MHz



Date: 17_JUN_2024 21:16:09

Date: 17_JUN_2024 21:16:36



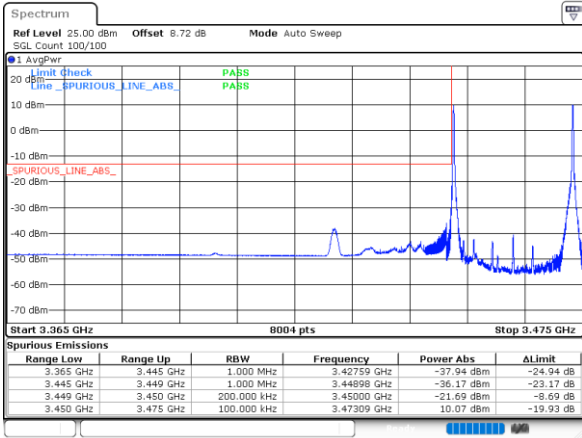




Conducted Band Edge

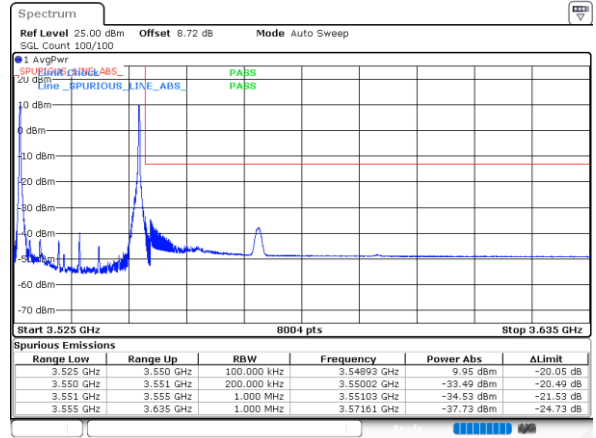
LTE Band 42C / 5MHz+20MHz QPSK

Lowest Band Edge / 1RB0 and 1RB9



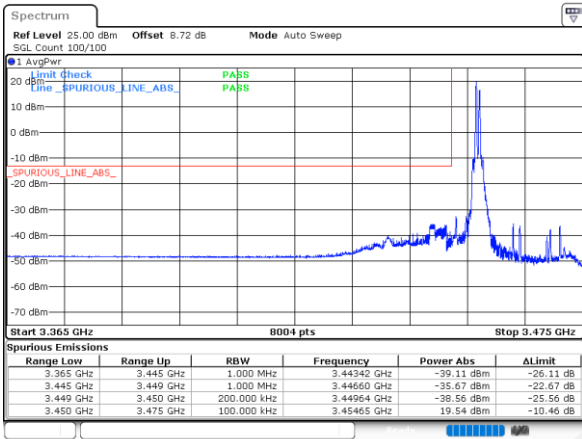
Date: 17 JUN 2024 16:22:19

Highest Band Edge / 1RB0 and 1RB9



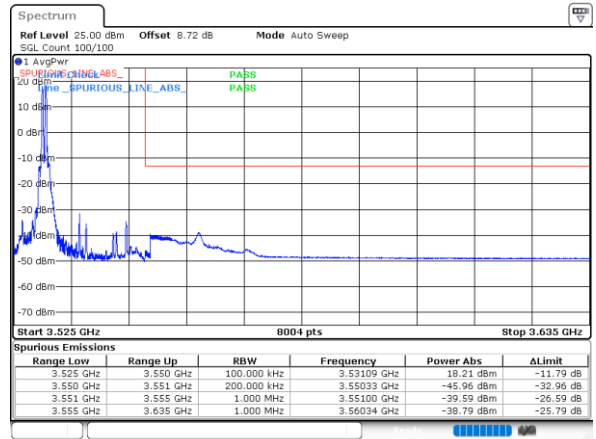
Date: 17 JUN 2024 16:40:09

Lowest Band Edge / 1RB24 and 1RB0



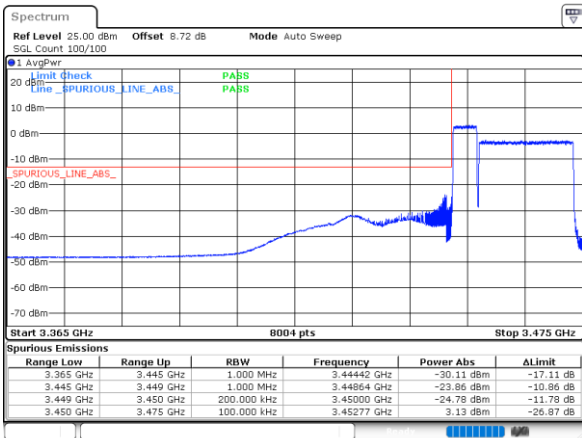
Date: 18 JUN 2024 05:55:58

Highest Band Edge / 1RB24 and 1RB0



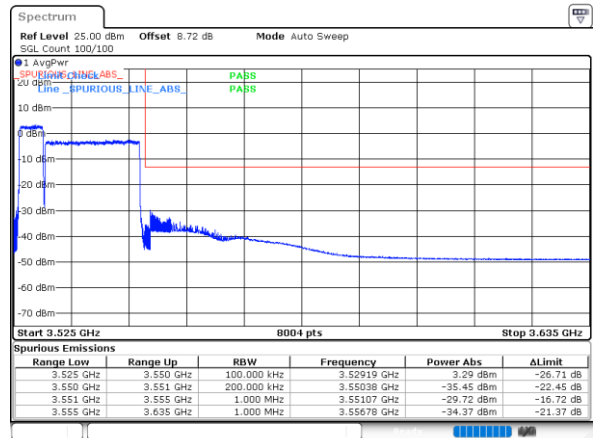
Date: 17 JUN 2024 16:33:50

Lowest Band Edge / Full RB



Date: 17 JUN 2024 16:19:07

Highest Band Edge / Full RB



Date: 17 JUN 2024 16:37:00

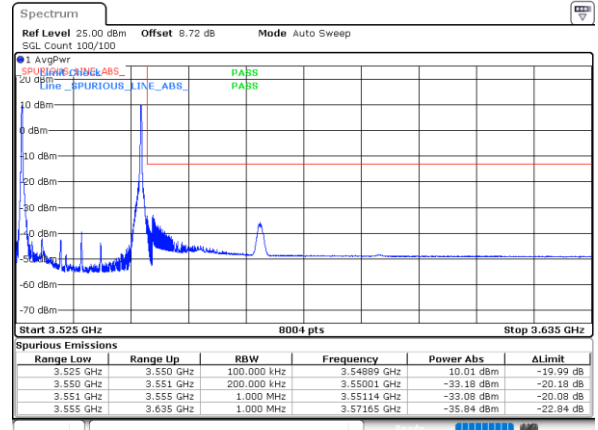
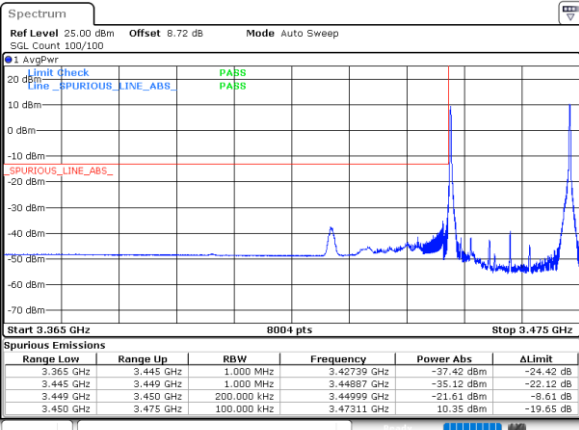


LTE Band 42C / 5MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB99

Highest Band Edge / 1RB0 and 1RB99

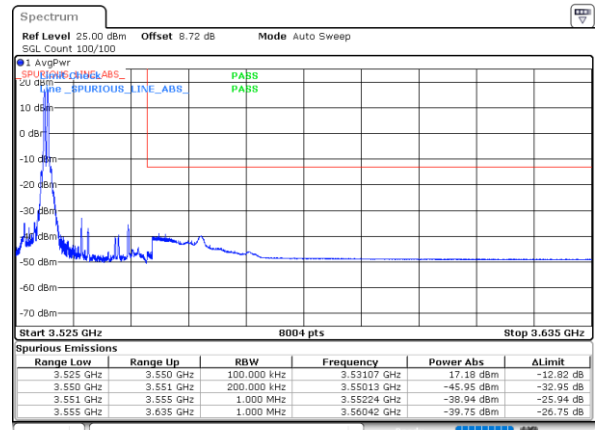
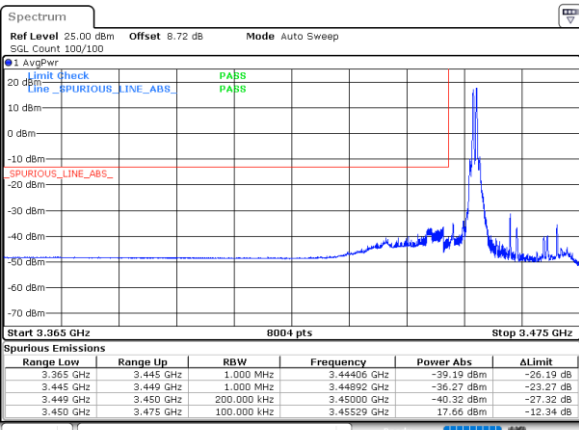


Date: 17_JUN,2024 16:23:22

Date: 17_JUN,2024 16:41:12

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0

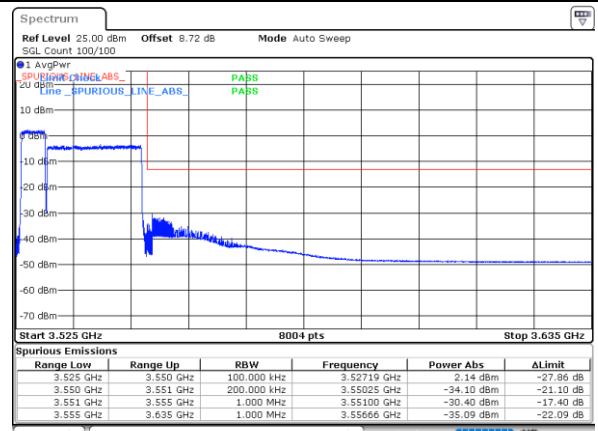
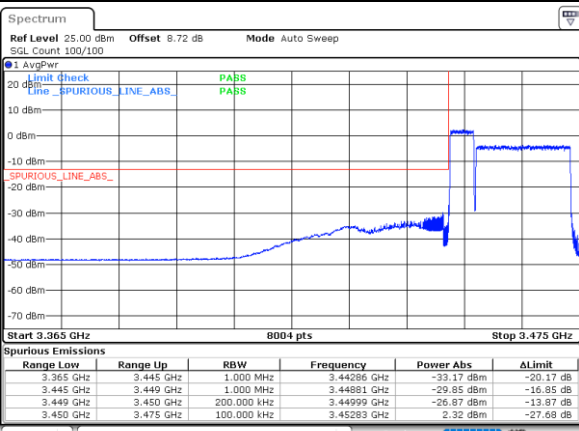


Date: 17_JUN,2024 16:17:00

Date: 17_JUN,2024 16:34:53

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 17_JUN,2024 16:20:11

Date: 17_JUN,2024 16:38:03

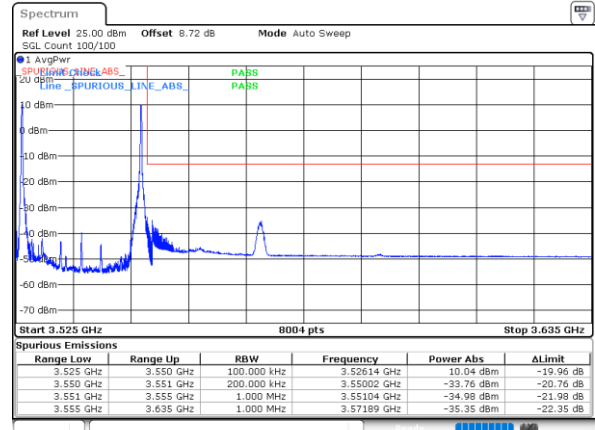
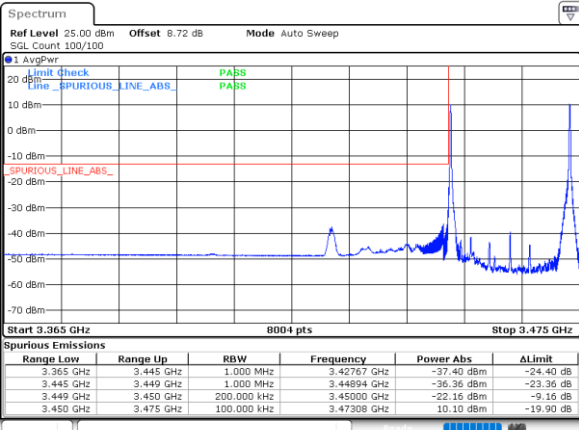


LTE Band 42C / 5MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

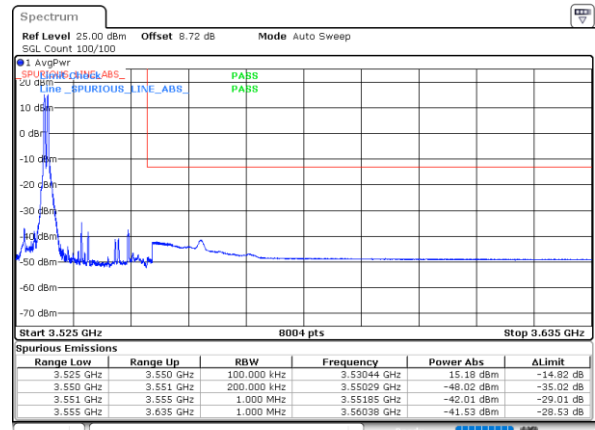
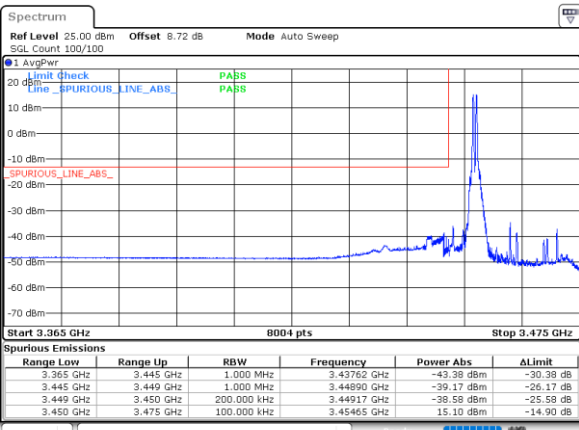


Date: 17_JUN,2024 16:24:27

Date: 17_JUN,2024 16:42:15

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0

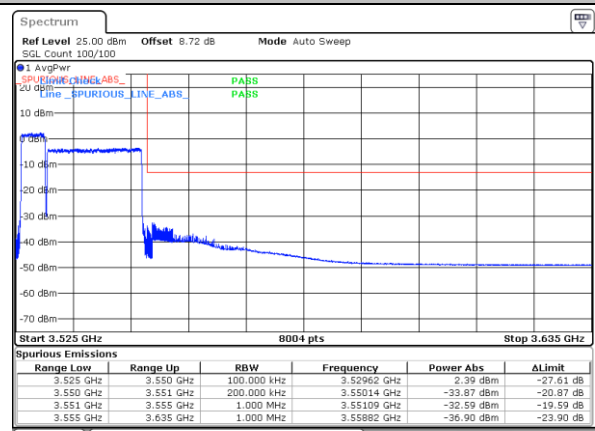
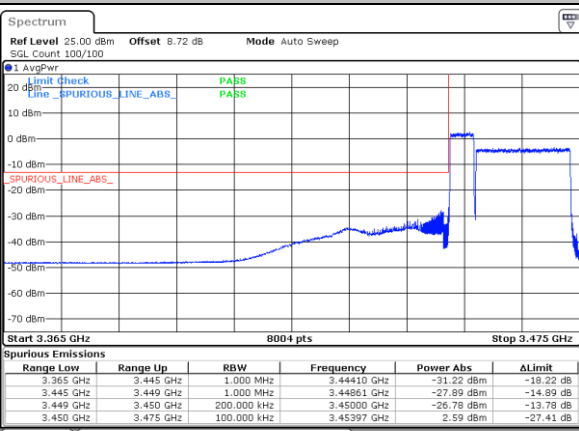


Date: 17_JUN,2024 16:19:04

Date: 17_JUN,2024 16:35:57

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 17_JUN,2024 16:21:15

Date: 17_JUN,2024 16:39:06

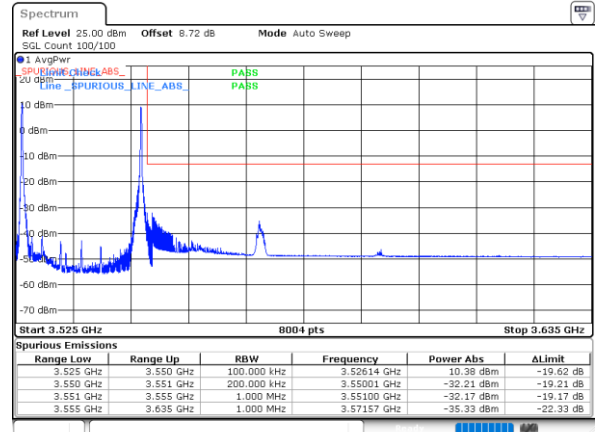
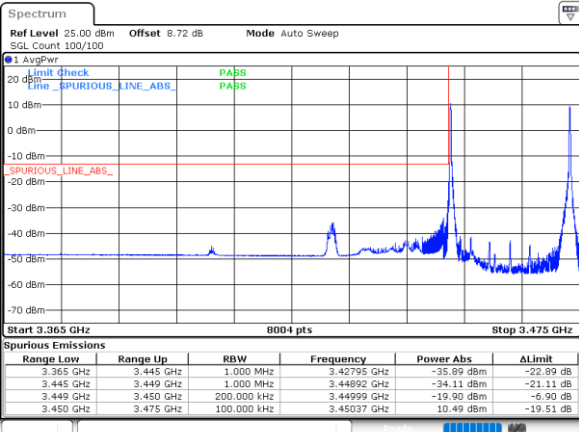


LTE Band 42C / 5MHz+20MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

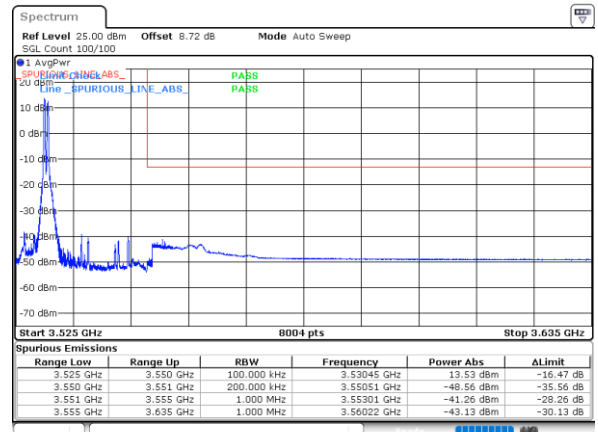
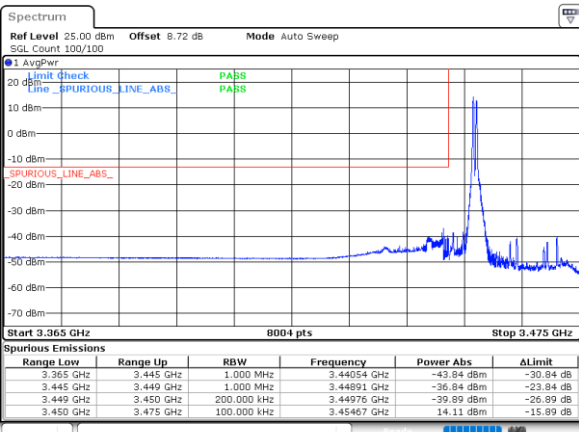


Date: 17 JUN 2024 22:33:50

Date: 17 JUN 2024 22:37:05

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0

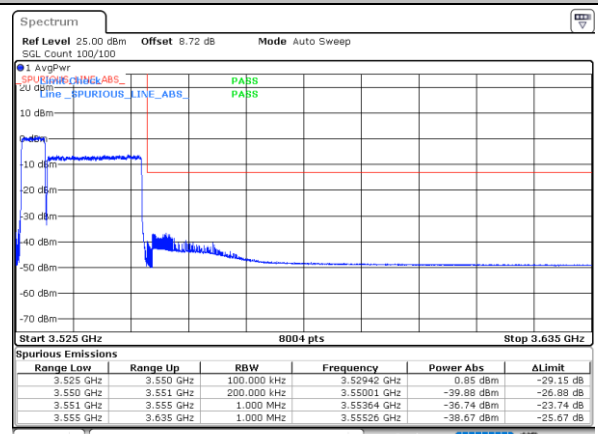
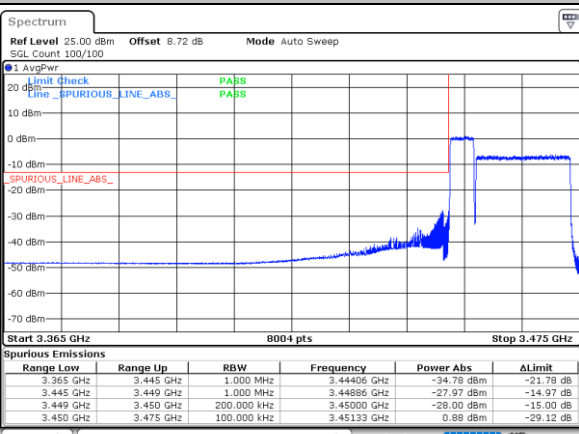


Date: 17 JUN 2024 22:32:47

Date: 17 JUN 2024 22:38:09

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 17 JUN 2024 22:34:50

Date: 17 JUN 2024 22:36:01

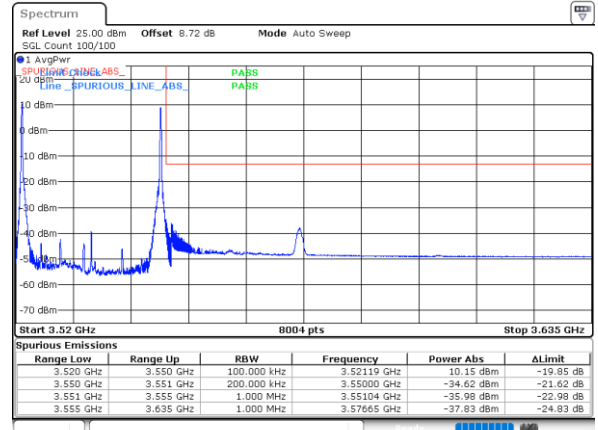
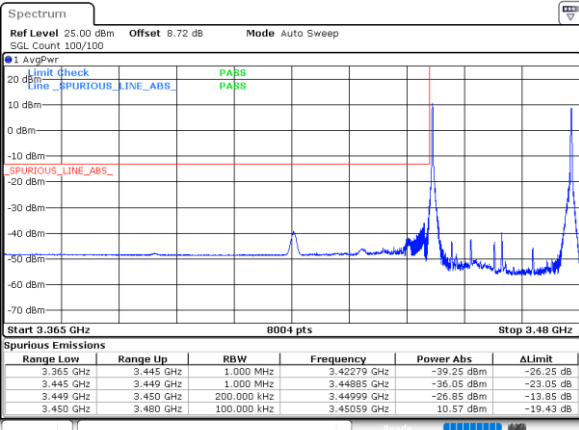


LTE Band 42C / 10MHz+20MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

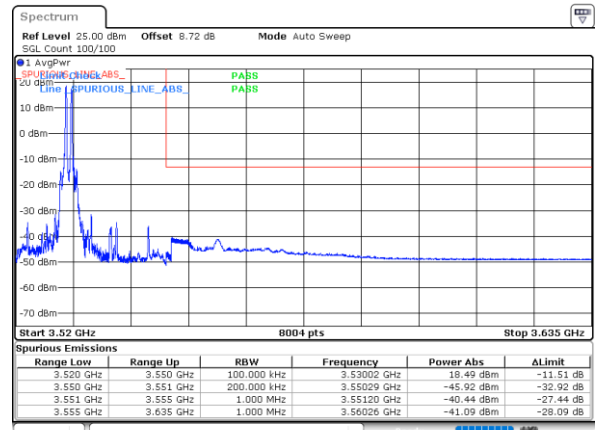
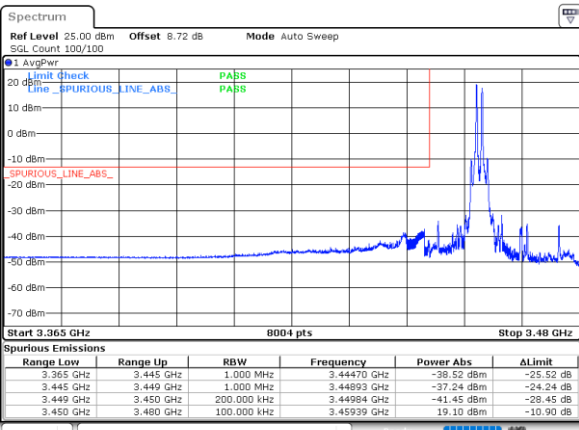


Date: 17 JUN 2024 16:51:13

Date: 17 JUN 2024 17:03:46

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

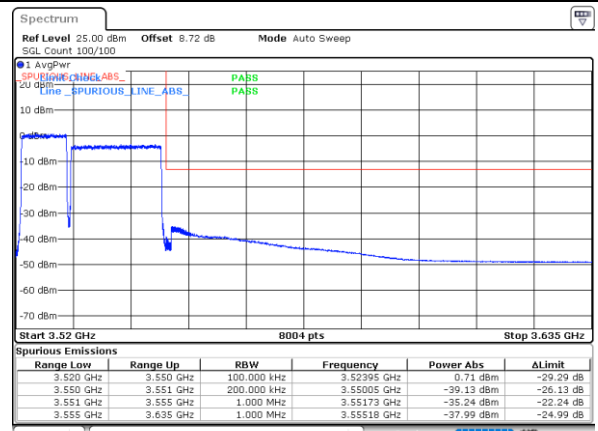
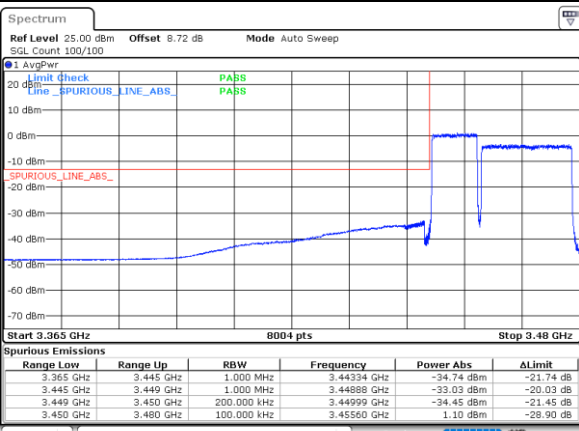


Date: 17 JUN 2024 16:44:50

Date: 17 JUN 2024 16:57:24

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 17 JUN 2024 16:48:02

Date: 17 JUN 2024 17:00:35

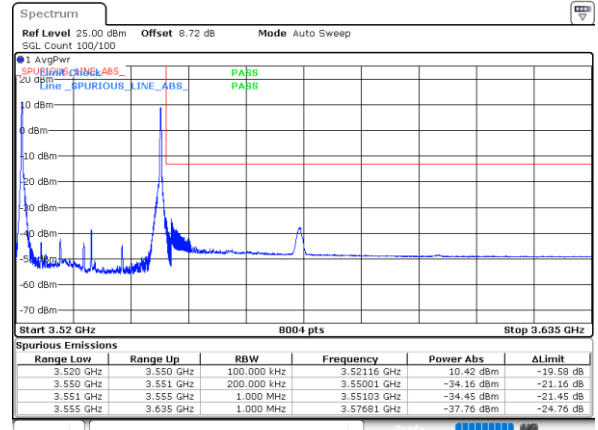
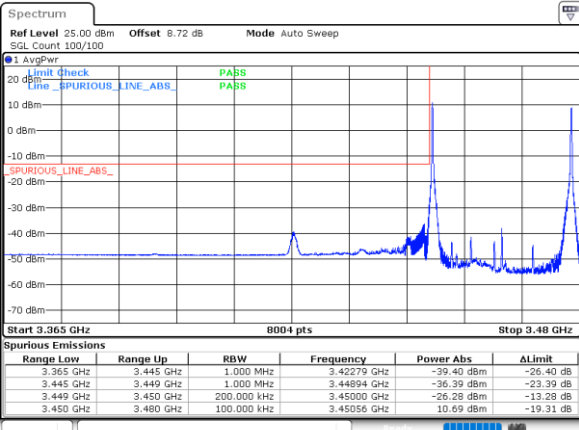


LTE Band 42C / 10MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

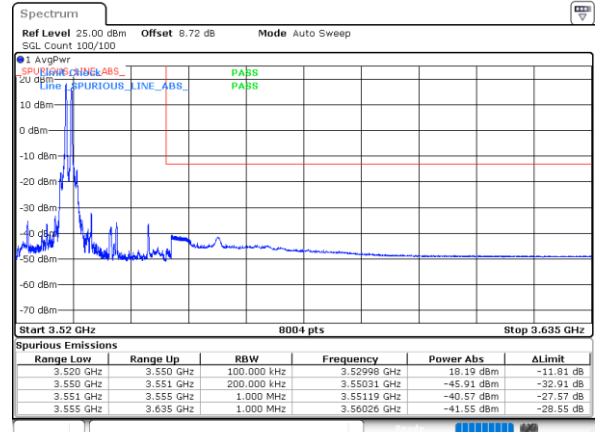
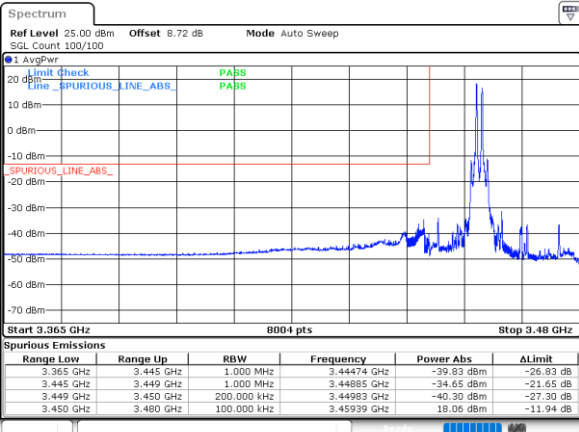


Date: 17 JUN 2024 16:52:16

Date: 17 JUN 2024 17:04:48

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

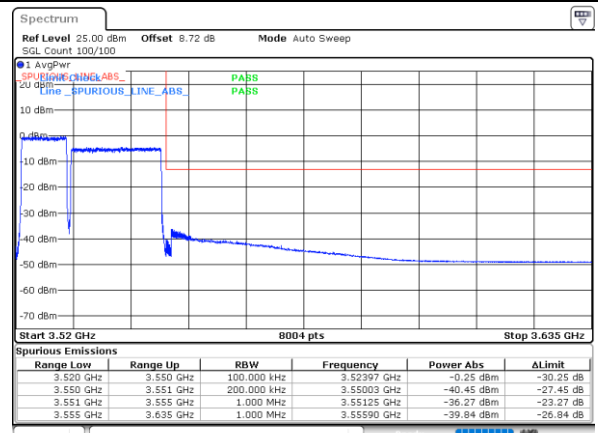
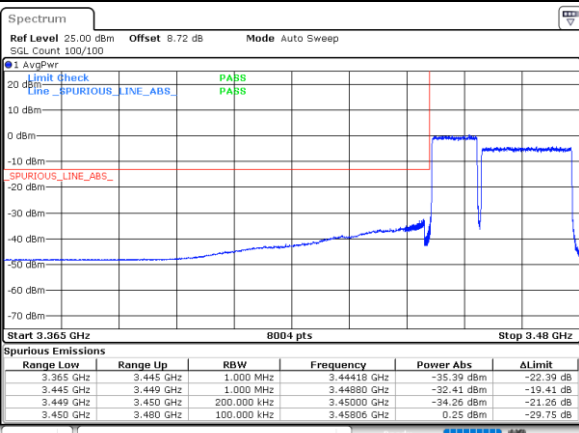


Date: 17 JUN 2024 16:58:54

Date: 17 JUN 2024 16:58:27

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 17 JUN 2024 16:49:05

Date: 17 JUN 2024 17:01:38

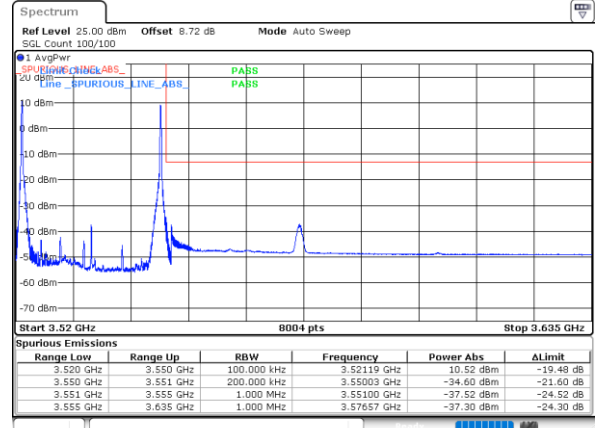
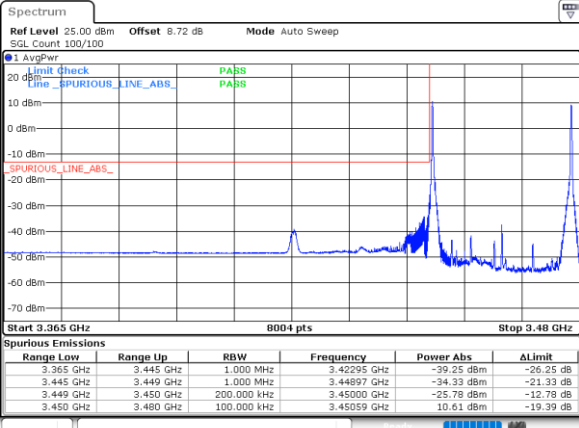


LTE Band 42C / 10MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

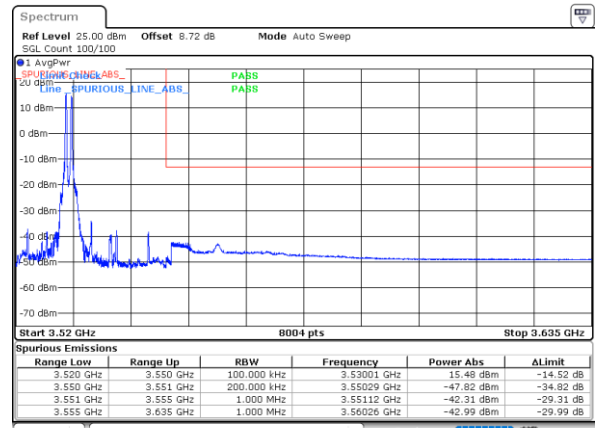
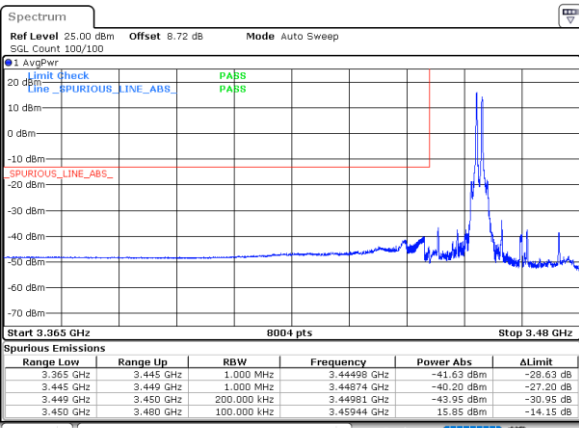


Date: 17 JUN 2024 16:53:20

Date: 17 JUN 2024 17:05:52

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

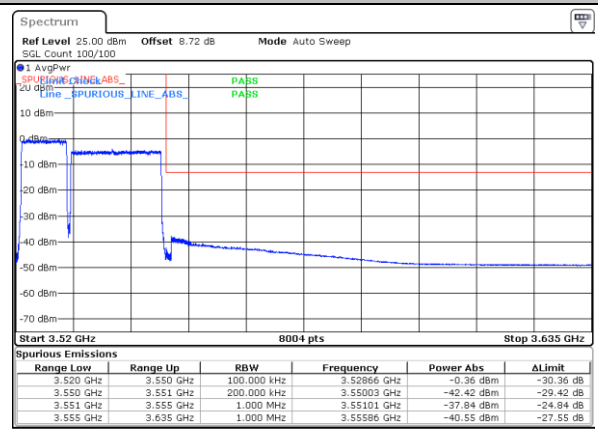
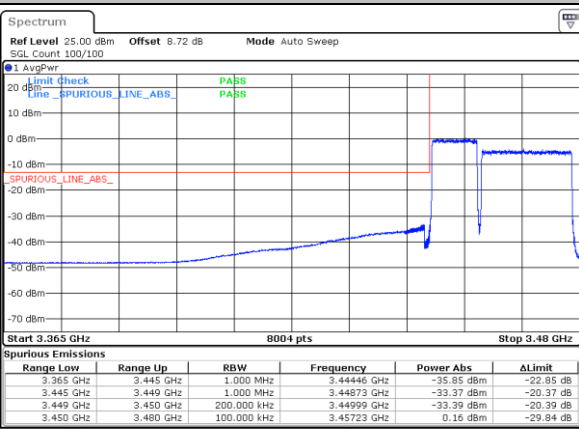


Date: 17 JUN 2024 16:46:58

Date: 17 JUN 2024 16:59:32

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 17 JUN 2024 16:50:10

Date: 17 JUN 2024 17:02:42

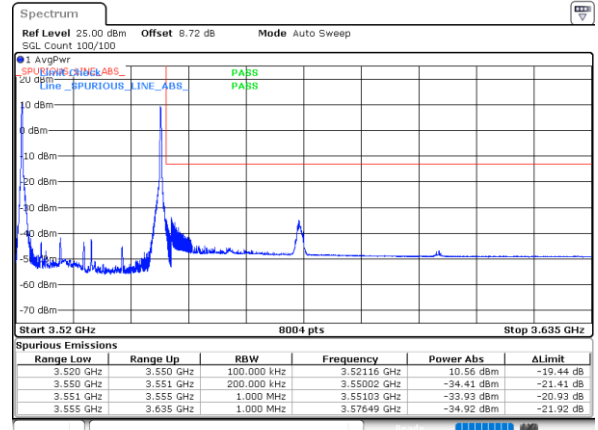
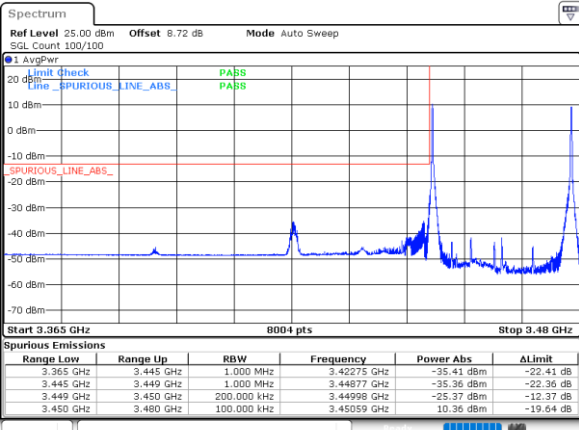


LTE Band 42C / 10MHz+20MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

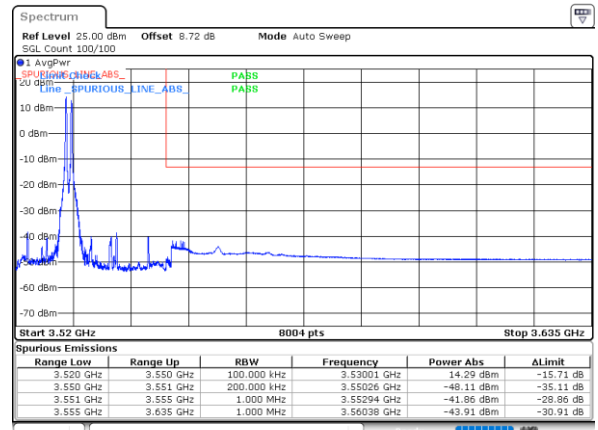
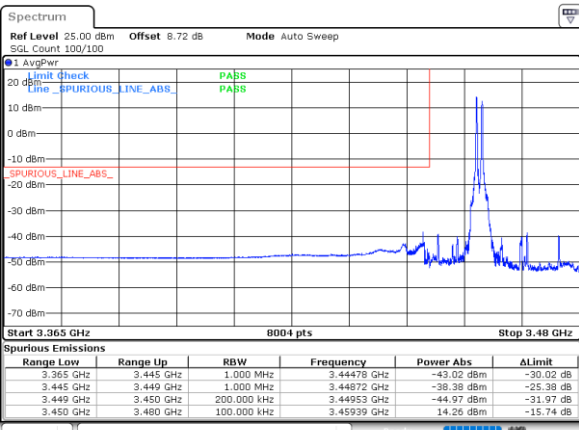


Date: 17_JUN,2024 22:40:21

Date: 17_JUN,2024 22:43:36

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

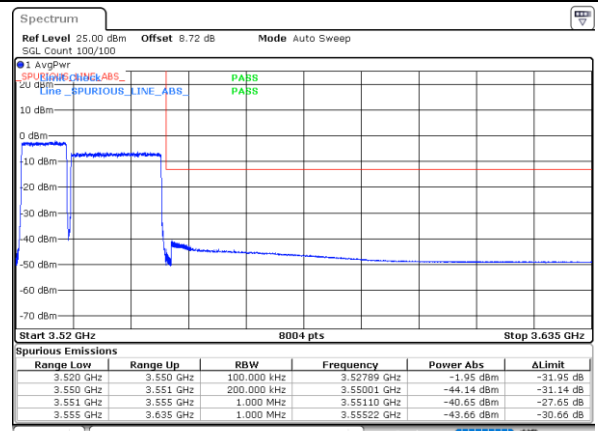
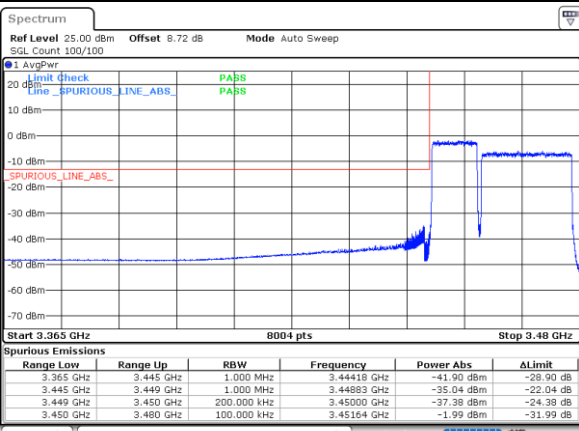


Date: 17_JUN,2024 22:39:18

Date: 17_JUN,2024 22:44:39

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 17_JUN,2024 22:41:25

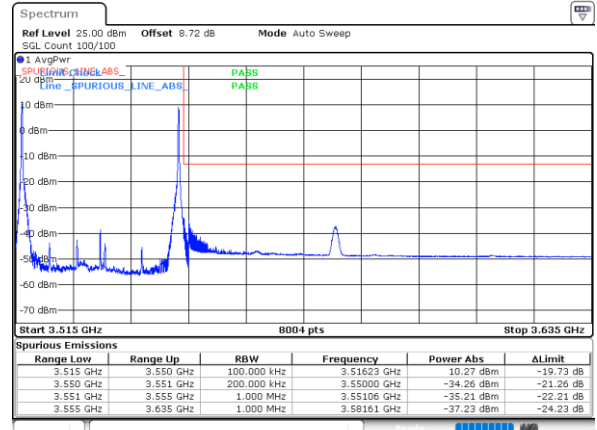
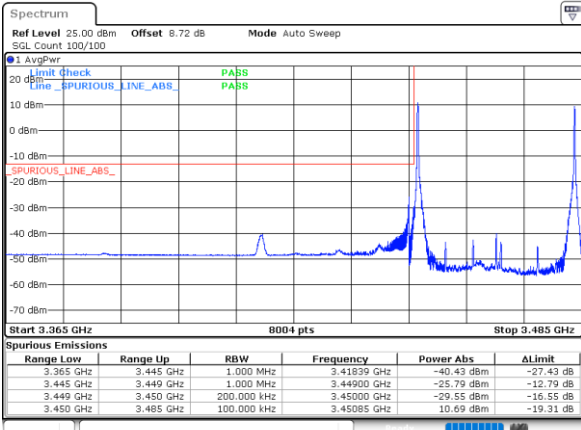
Date: 17_JUN,2024 22:42:32

LTE Band 42C / 15MHz+20MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

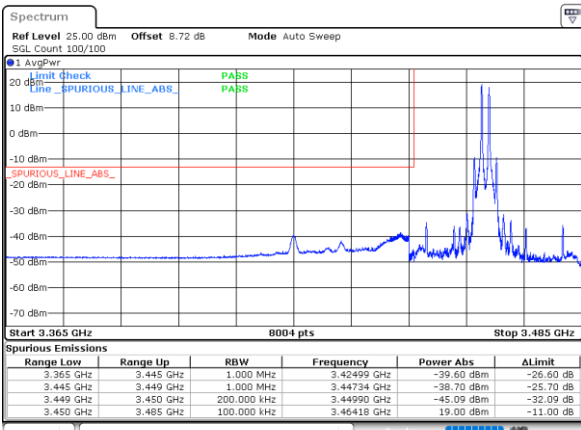


Date: 17_JUN.2024 17:14:49

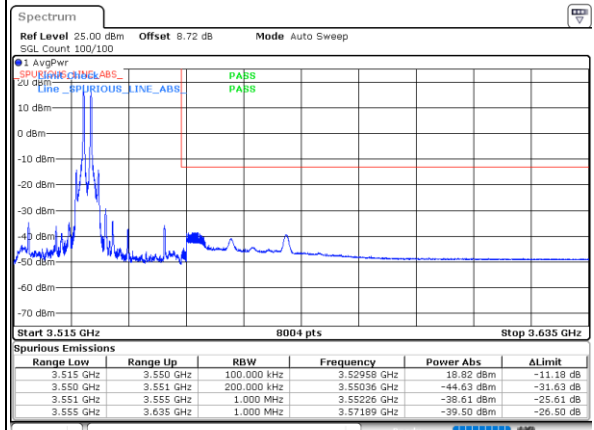
Date: 17_JUN.2024 17:27:18

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0



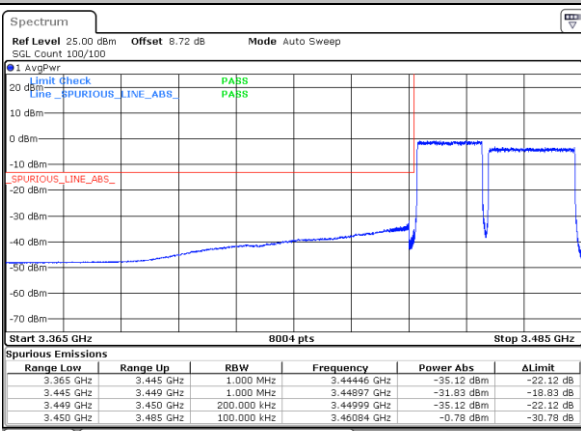
Date: 17_JUN.2024 17:09:28



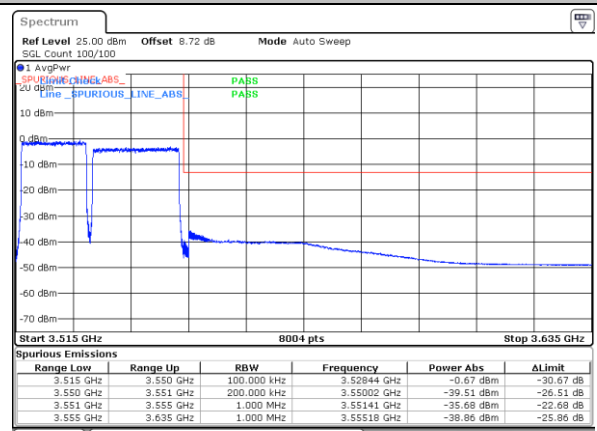
Date: 17_JUN.2024 17:20:59

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 17_JUN.2024 17:11:38



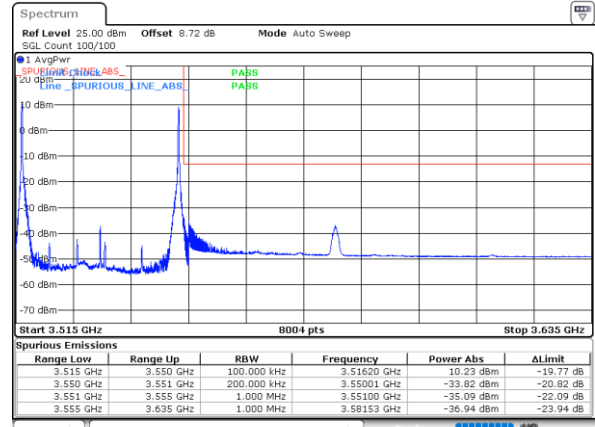
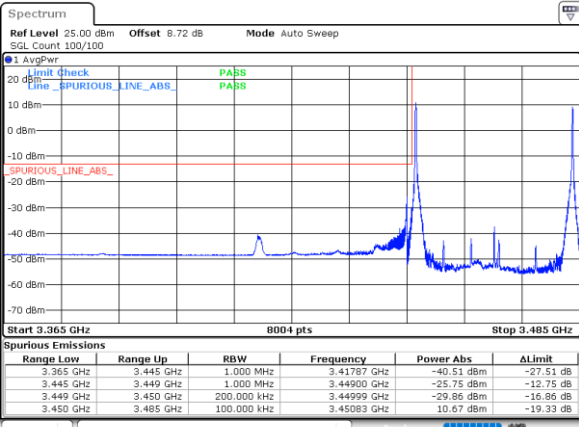
Date: 17_JUN.2024 17:24:09

LTE Band 42C / 15MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

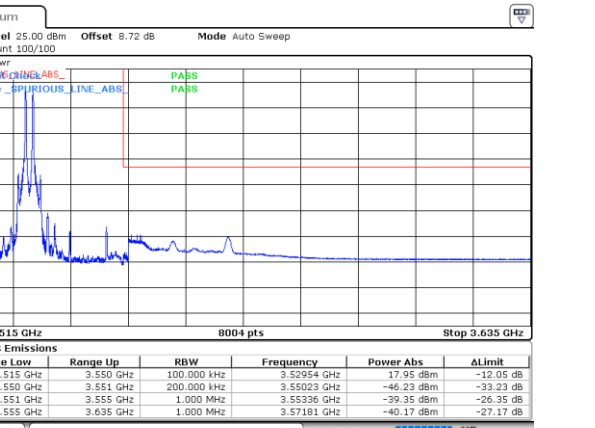
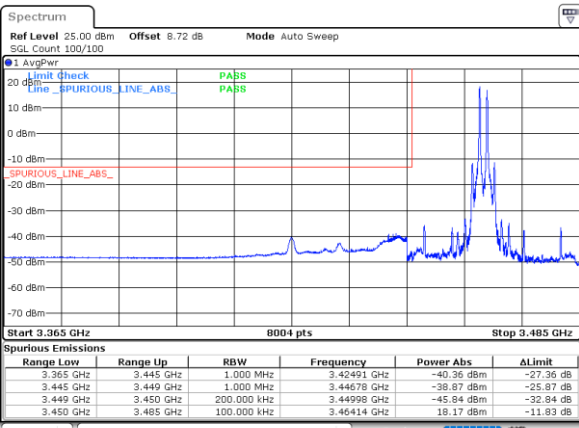


Date: 17_JUN,2024 17:15:52

Date: 17_JUN,2024 17:28:22

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

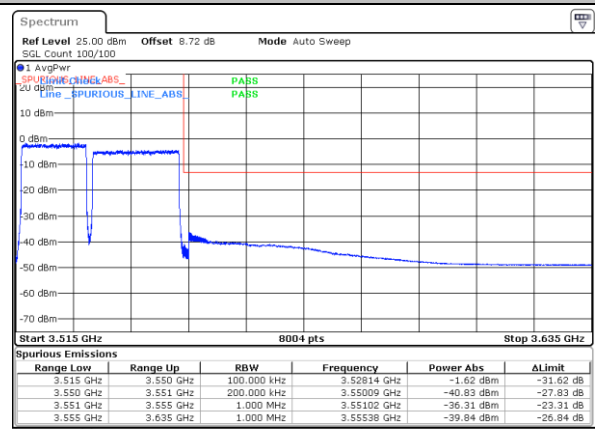
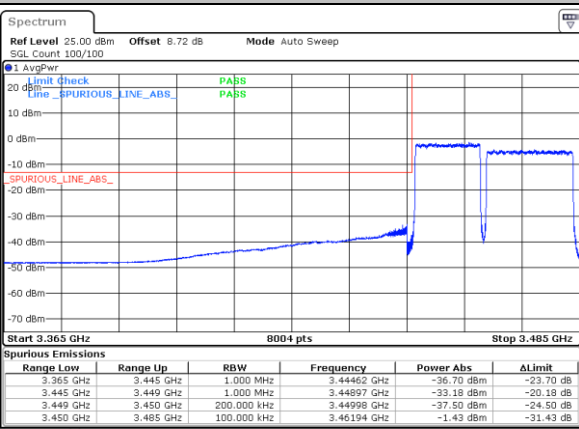


Date: 17_JUN,2024 17:09:30

Date: 17_JUN,2024 17:22:02

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 17_JUN,2024 17:12:41

Date: 17_JUN,2024 17:25:11

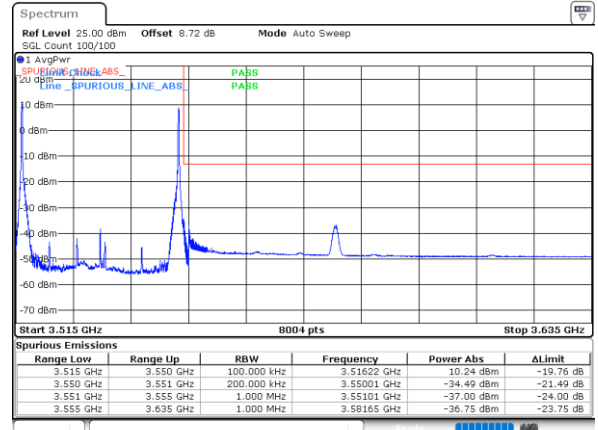
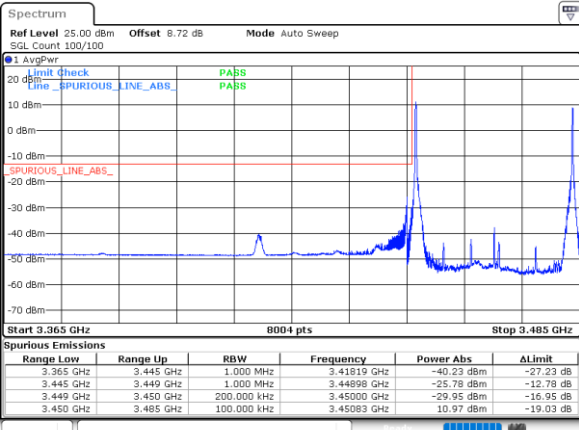


LTE Band 42C / 15MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

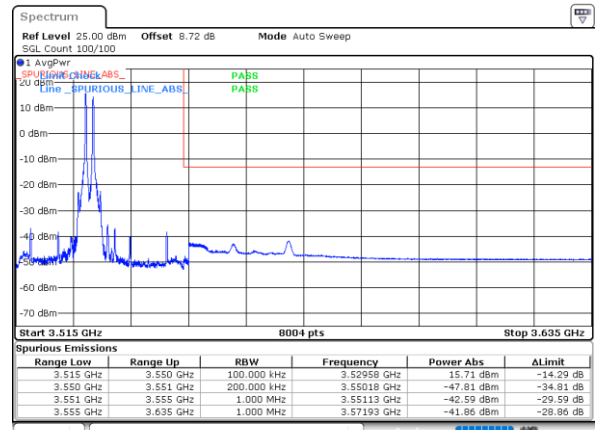
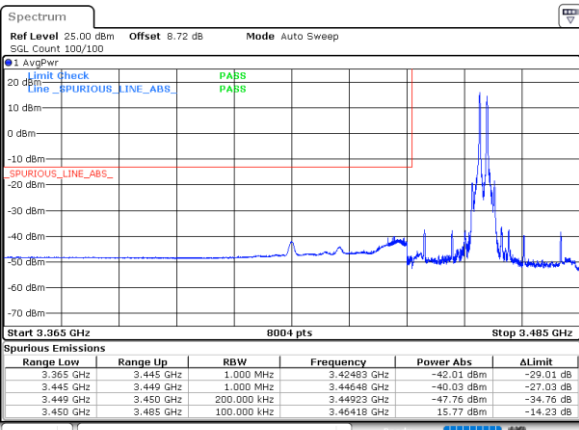


Date: 17 JUN 2024 17:16:55

Date: 17 JUN 2024 17:29:26

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

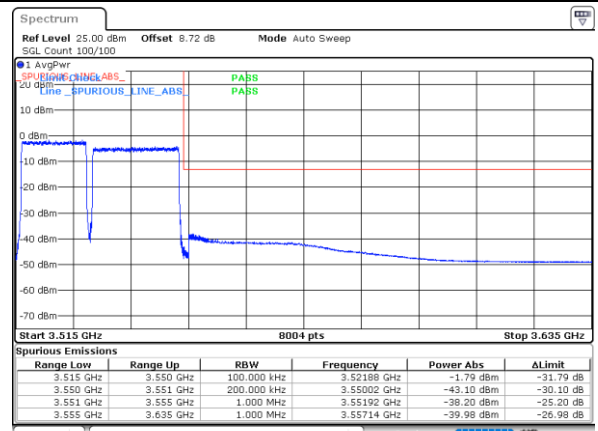
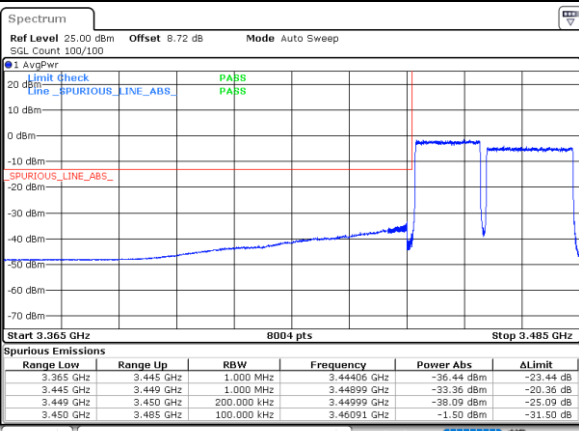


Date: 17 JUN 2024 17:10:34

Date: 17 JUN 2024 17:23:06

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 17 JUN 2024 17:13:45

Date: 17 JUN 2024 17:26:15

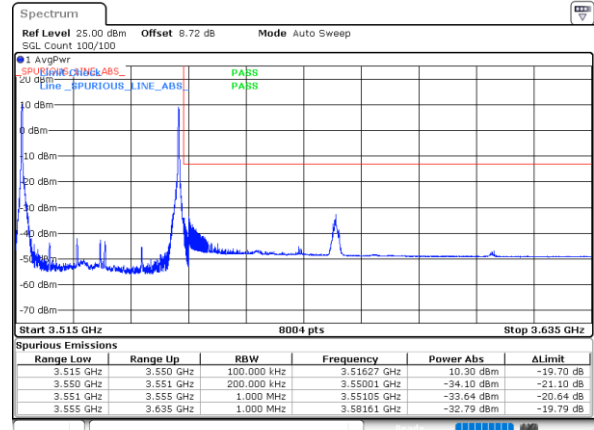
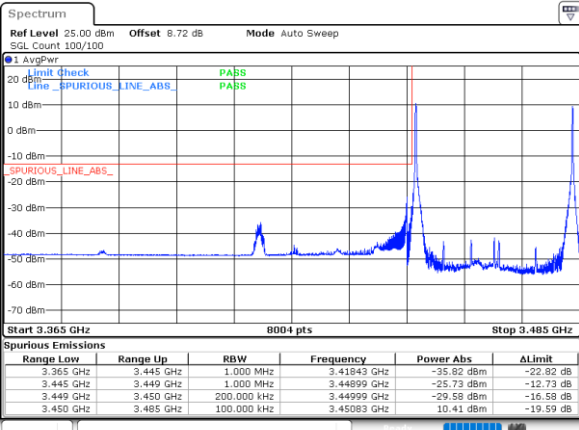


LTE Band 42C / 15MHz+20MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

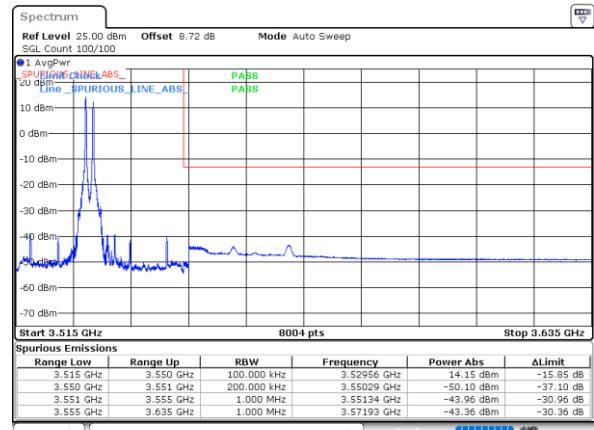
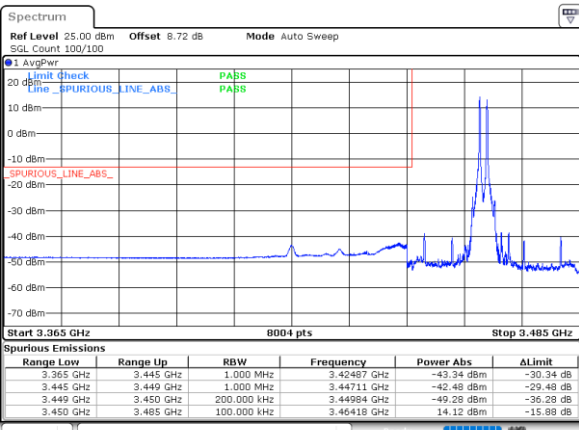


Date: 17 JUN 2024 22:46:51

Date: 17 JUN 2024 22:50:06

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

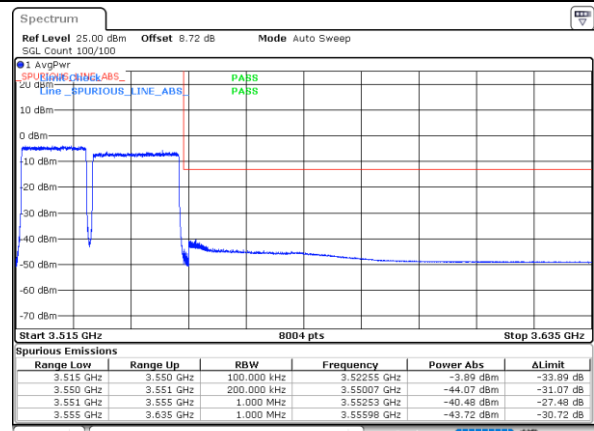
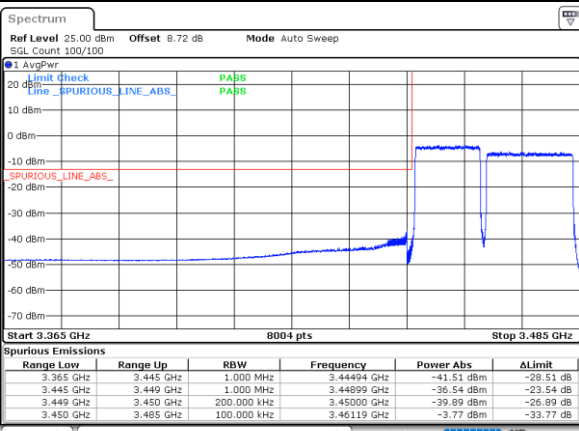


Date: 17 JUN 2024 22:45:47

Date: 17 JUN 2024 22:51:09

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 17 JUN 2024 22:47:55

Date: 17 JUN 2024 22:49:02

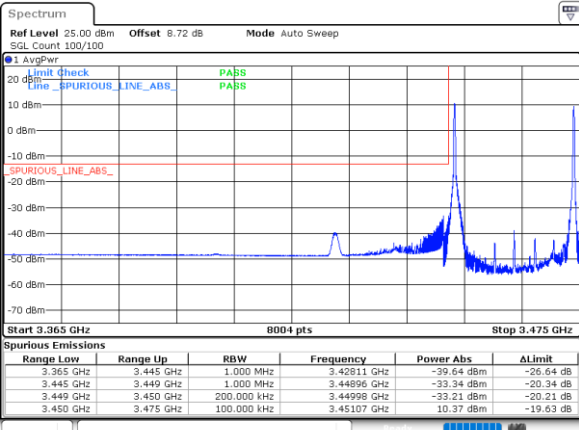


LTE Band 42C / 20MHz+5MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB24

Highest Band Edge / 1RB0 and 1RB24

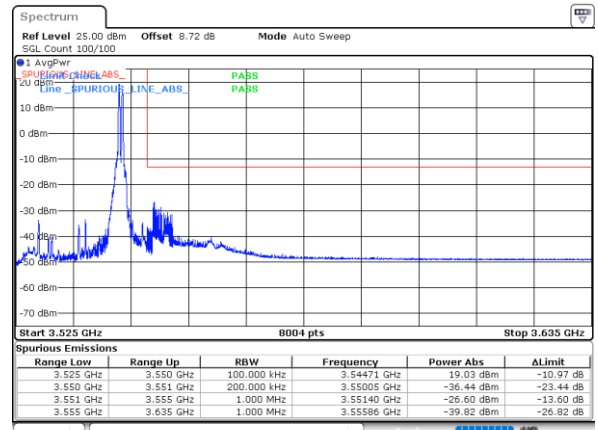
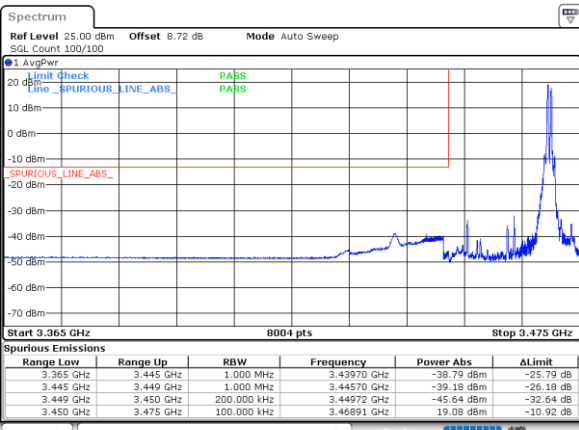


Date: 17 JUN 2024 18:03:24

Date: 17 JUN 2024 18:21:49

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

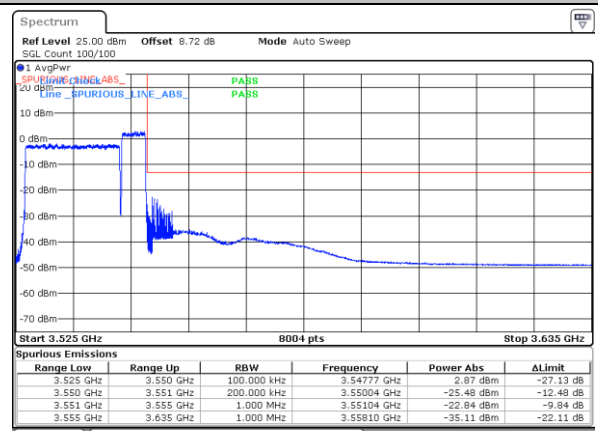
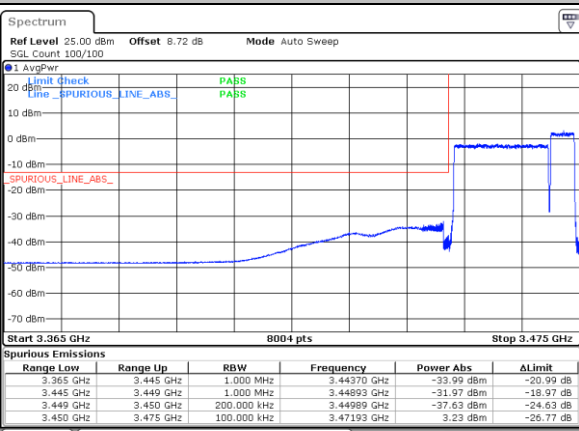


Date: 17 JUN 2024 17:57:02

Date: 17 JUN 2024 18:15:27

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 17 JUN 2024 18:00:12

Date: 17 JUN 2024 18:18:39

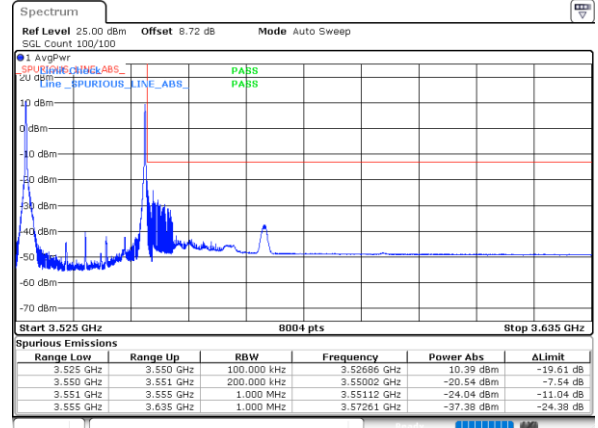
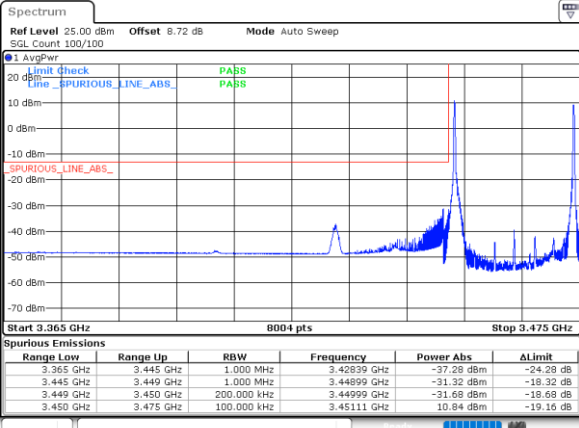


LTE Band 42C / 20MHz+5MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB24

Highest Band Edge / 1RB0 and 1RB24

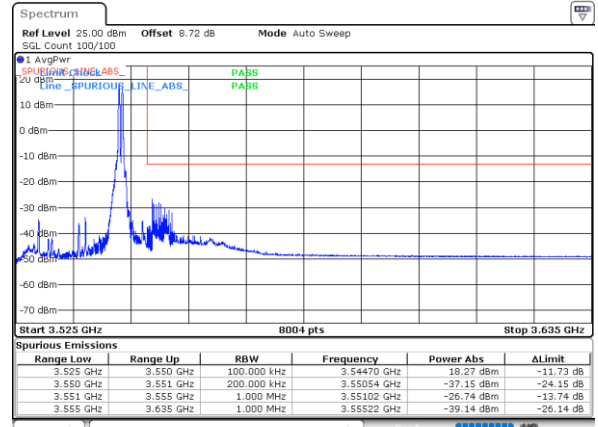
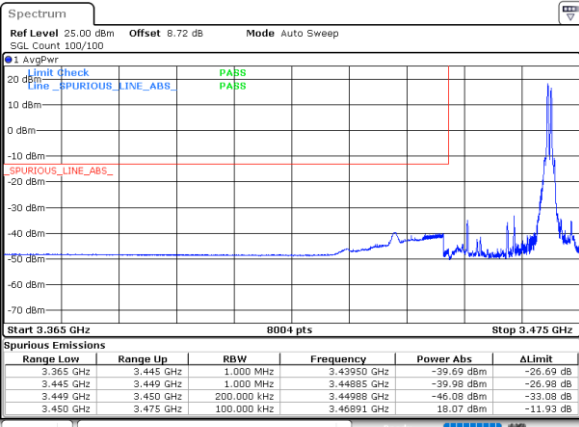


Date: 17_JUN,2024 18:04:27

Date: 17_JUN,2024 18:22:53

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

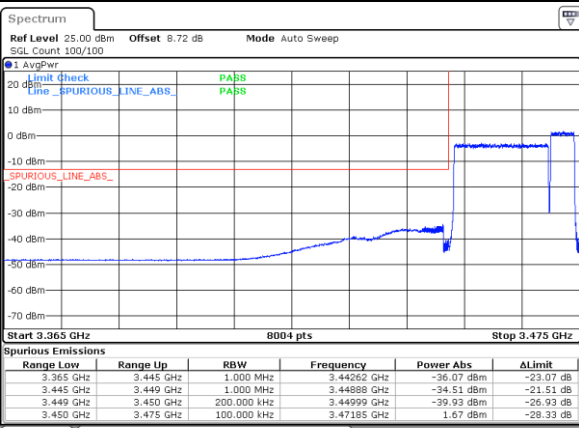


Date: 17_JUN,2024 17:58:05

Date: 17_JUN,2024 18:16:30

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 17_JUN,2024 18:01:16

Date: 17_JUN,2024 18:19:42