

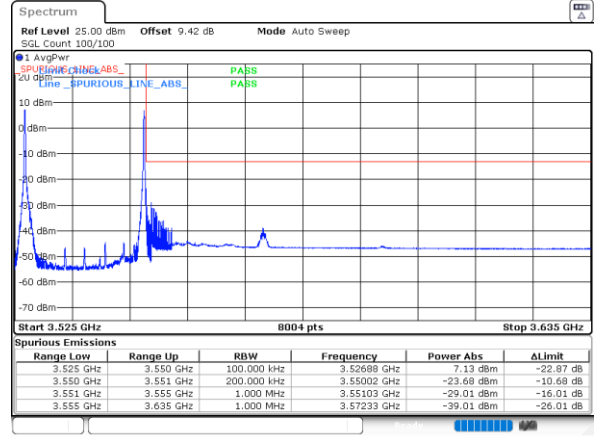
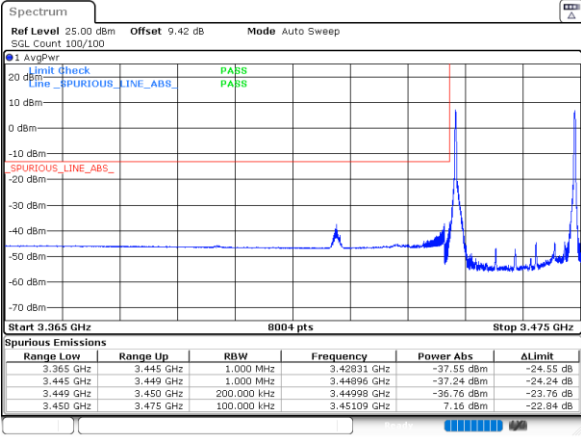


LTE Band 42C / 20MHz+5MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB24

Highest Band Edge / 1RB0 and 1RB24

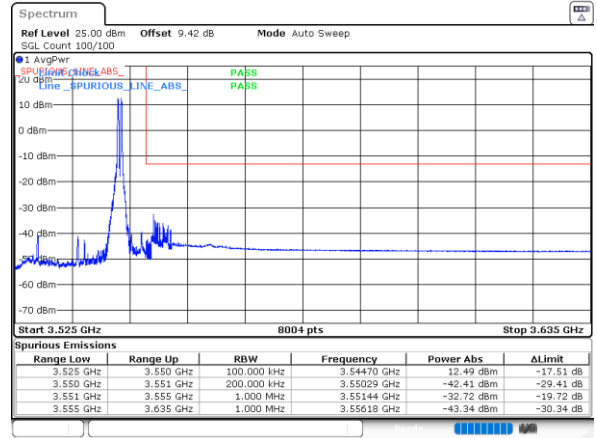
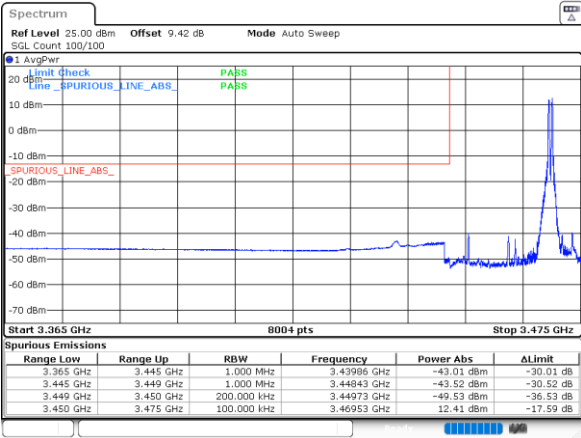


Date: 5 JUN 2024 13:12:17

Date: 5 JUN 2024 13:30:19

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

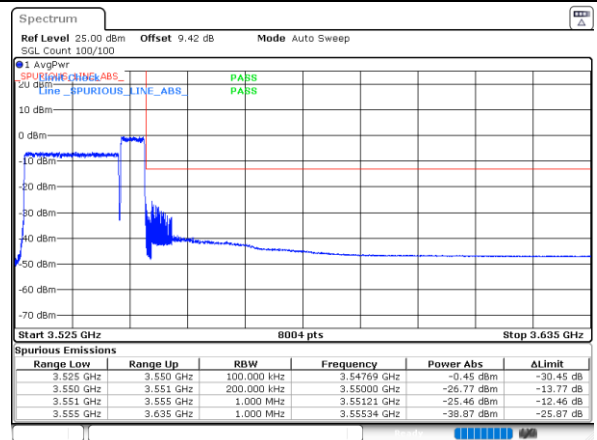
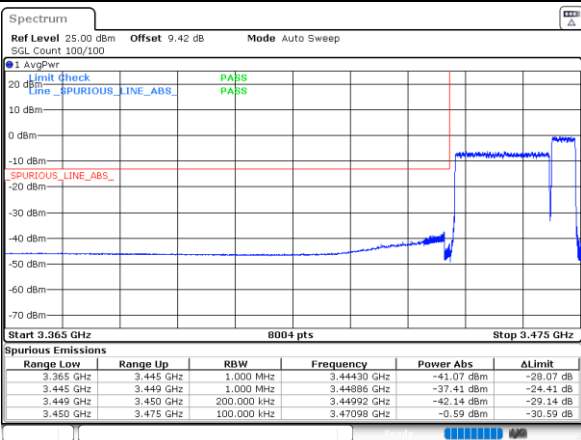


Date: 5 JUN 2024 13:03:20

Date: 5 JUN 2024 13:21:21

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 5 JUN 2024 13:07:48

Date: 5 JUN 2024 13:25:50

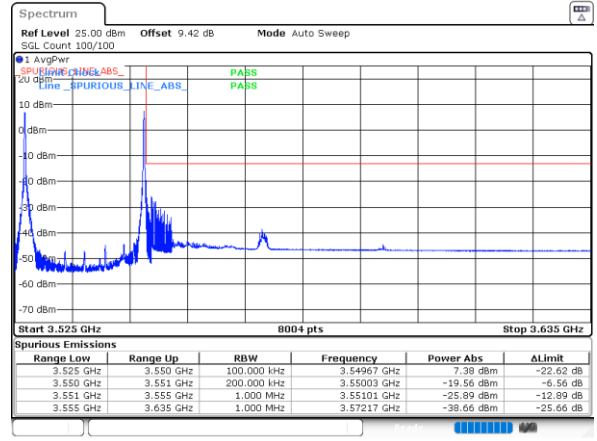
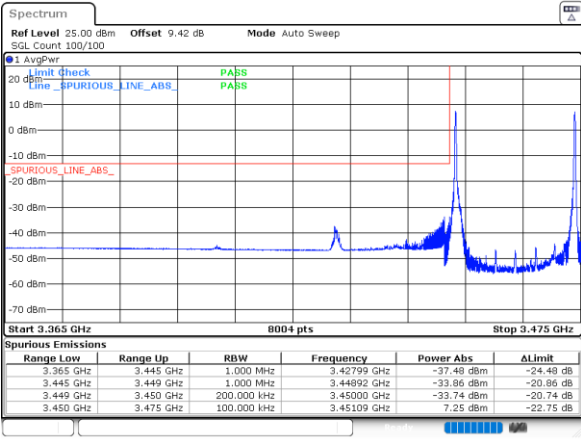


LTE Band 42C / 20MHz+5MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB24

Highest Band Edge / 1RB0 and 1RB24

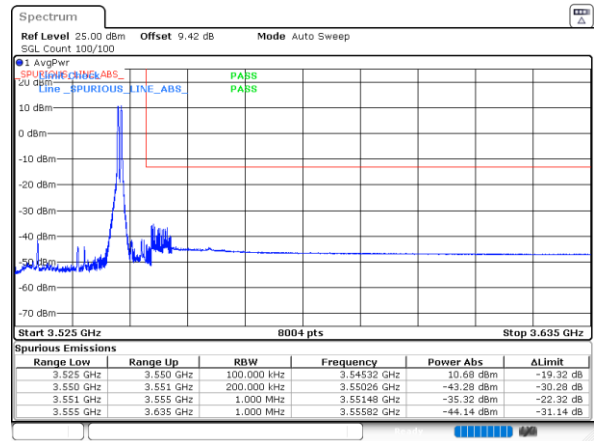
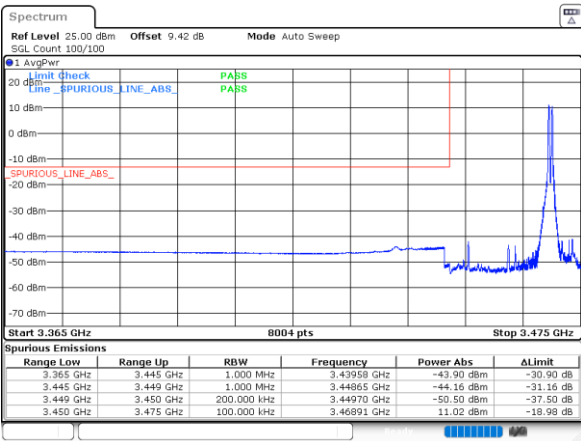


Date: 5 JUN 2024 13:13:25

Date: 5 JUN 2024 13:31:26

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

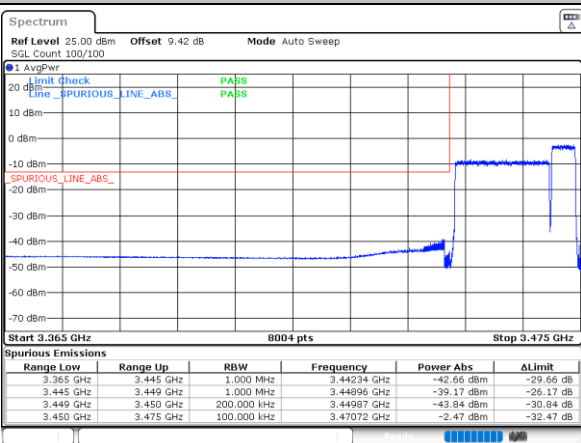


Date: 5 JUN 2024 13:04:27

Date: 5 JUN 2024 13:22:29

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 5 JUN 2024 13:08:55

Date: 5 JUN 2024 13:26:57

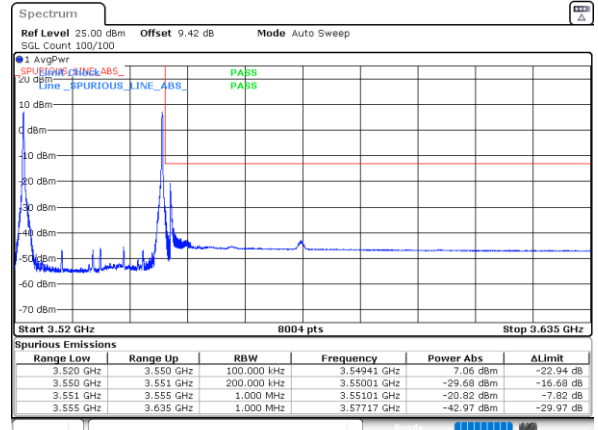
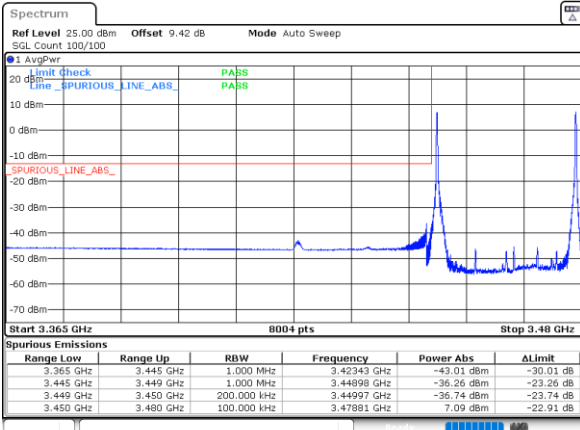


LTE Band 42C / 20MHz+10MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

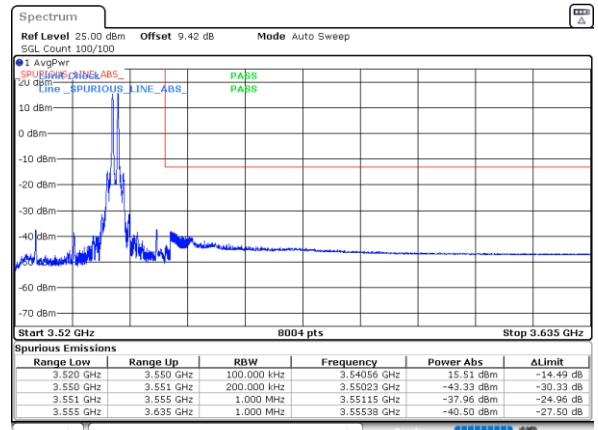
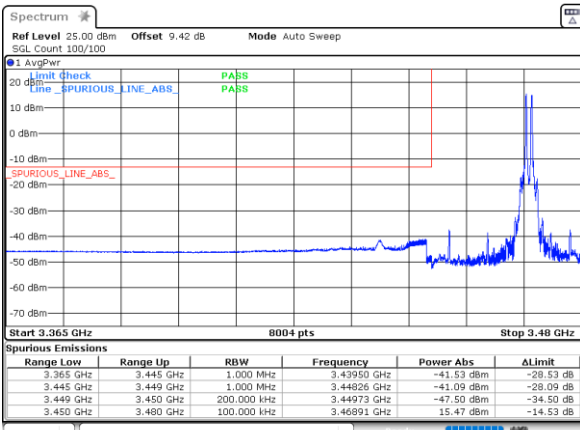


Date: 5 JUN 2024 13:43:47

Date: 5 JUN 2024 14:02:07

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

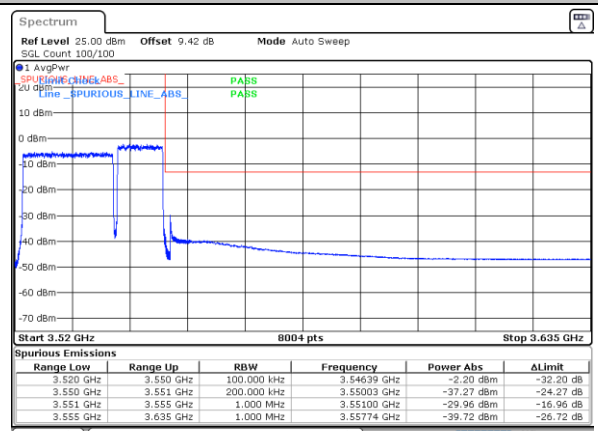
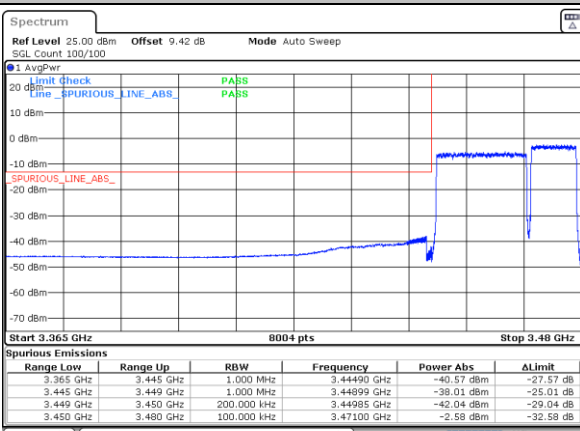


Date: 5 JUN 2024 13:34:49

Date: 5 JUN 2024 13:53:07

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 5 JUN 2024 13:39:18

Date: 5 JUN 2024 13:57:37

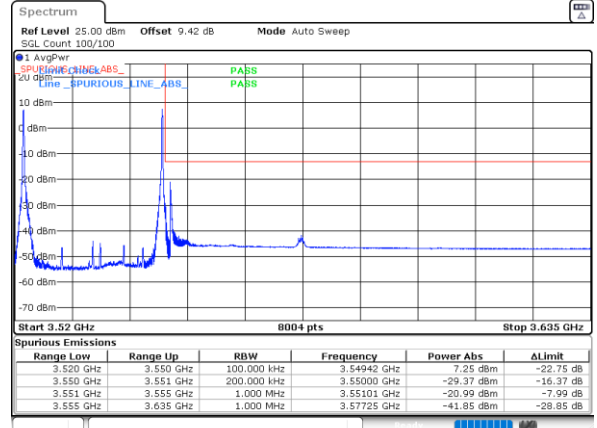
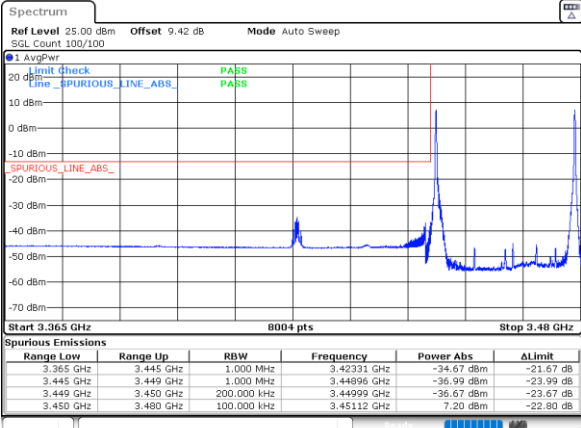


LTE Band 42C / 20MHz+10MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

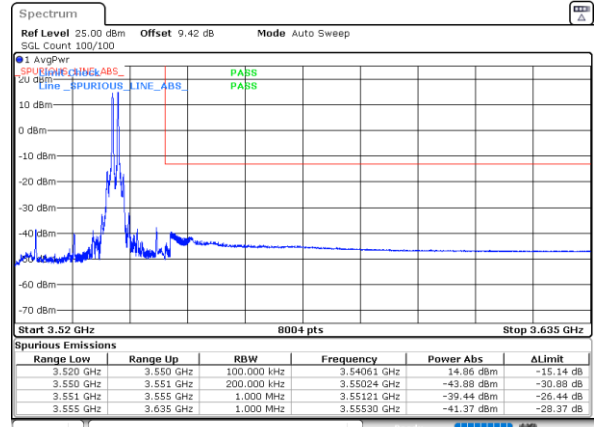
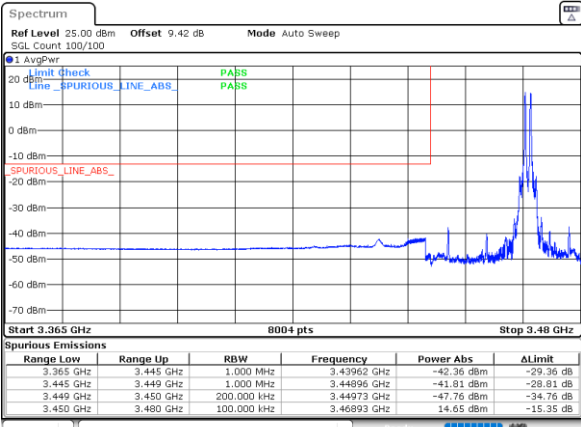


Date: 5 JUN, 2024 13:44:54

Date: 5 JUN, 2024 14:03:13

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

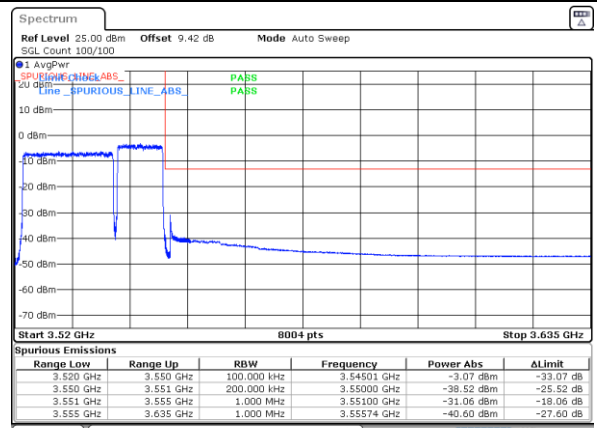
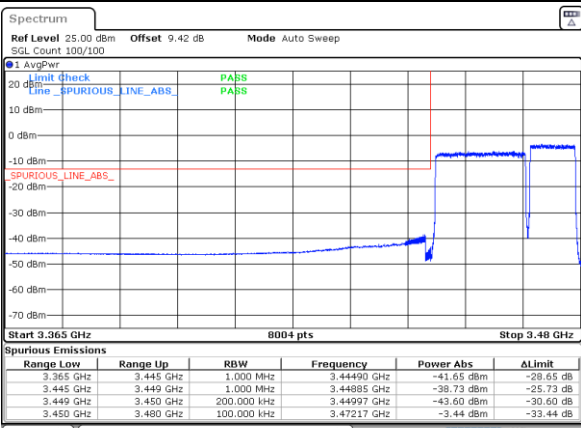


Date: 5 JUN, 2024 13:35:56

Date: 5 JUN, 2024 13:54:14

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 5 JUN, 2024 13:40:25

Date: 5 JUN, 2024 13:58:44

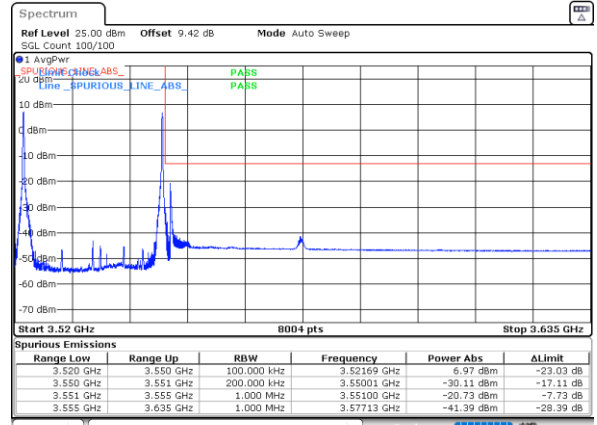
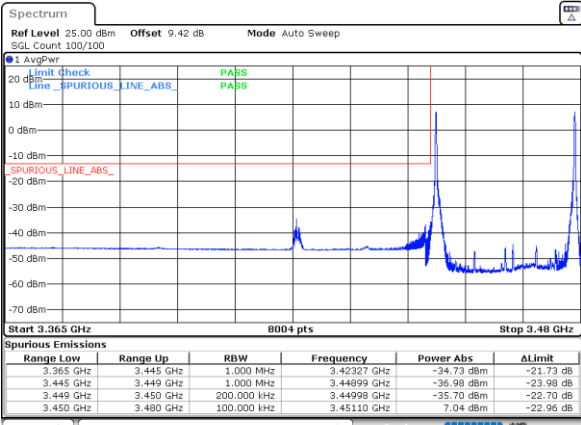


LTE Band 42C / 20MHz+10MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

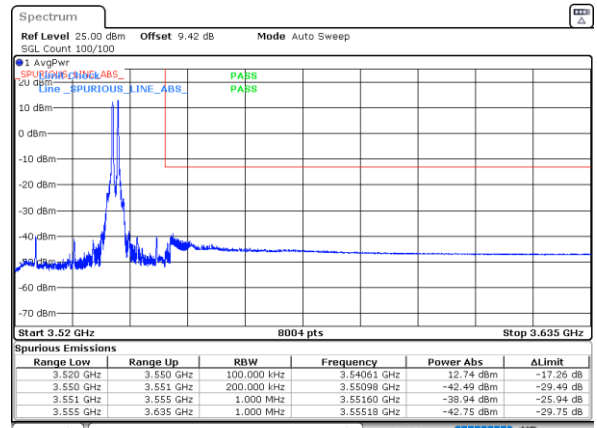
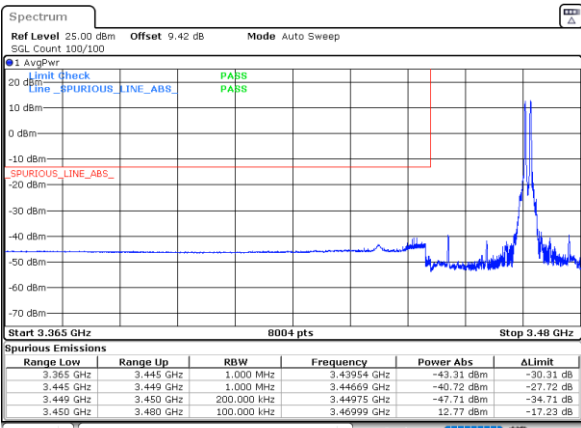


Date: 5 JUN 2024 13:46:02

Date: 5 JUN 2024 14:04:21

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

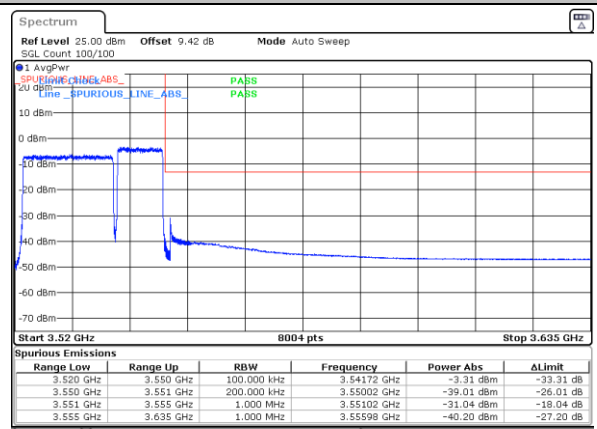
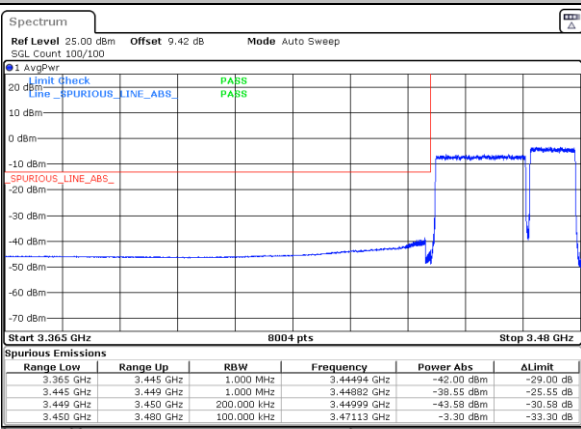


Date: 5 JUN 2024 13:37:04

Date: 5 JUN 2024 13:55:22

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 5 JUN 2024 13:41:32

Date: 5 JUN 2024 13:59:51

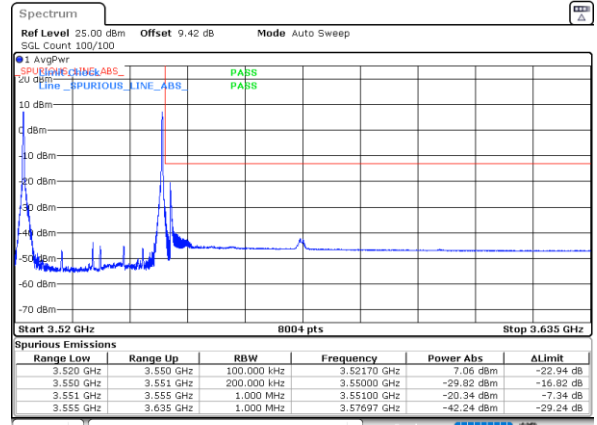
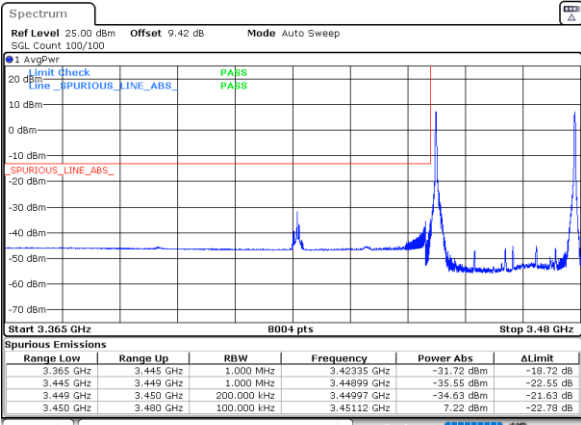


LTE Band 42C / 20MHz+10MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

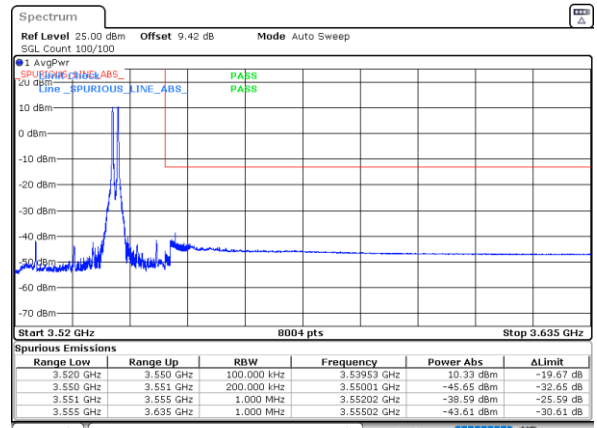
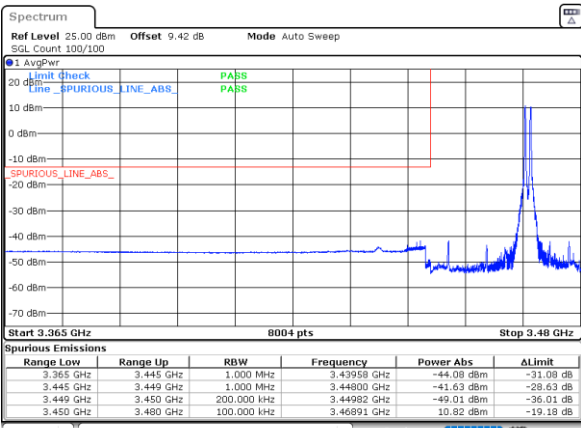


Date: 5 JUN 2024 13:47:08

Date: 5 JUN 2024 14:05:28

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

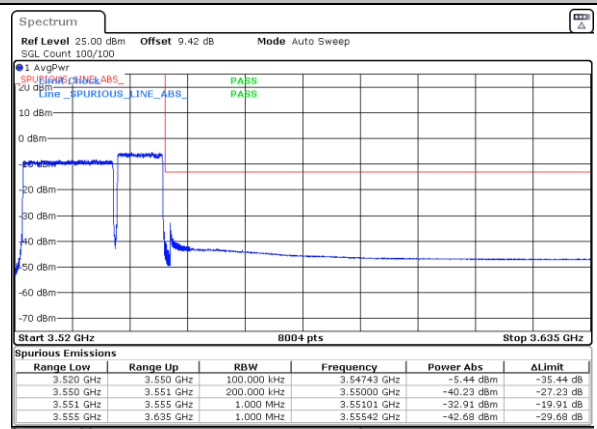
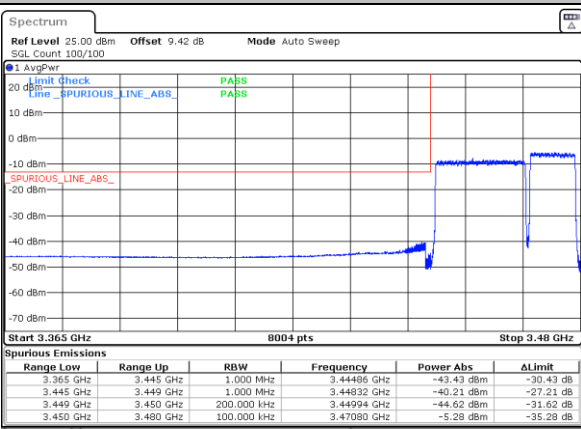


Date: 5 JUN 2024 13:38:11

Date: 5 JUN 2024 13:56:29

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 5 JUN 2024 13:42:39

Date: 5 JUN 2024 14:00:59

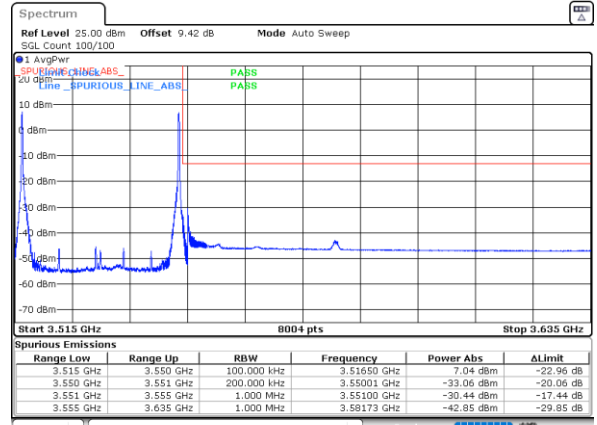
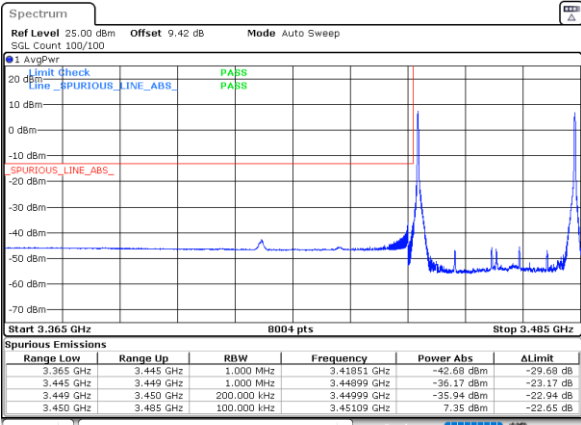


LTE Band 42C / 20MHz+15MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

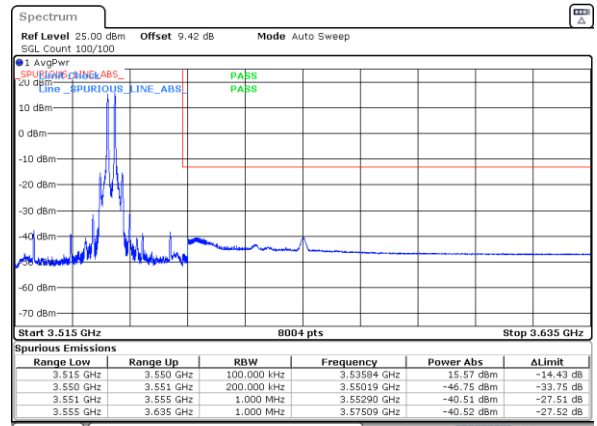
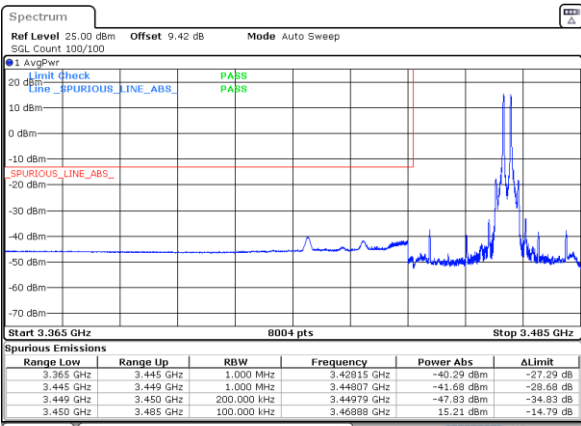


Date: 5 JUN 2024 14:21:12

Date: 5 JUN 2024 14:39:06

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

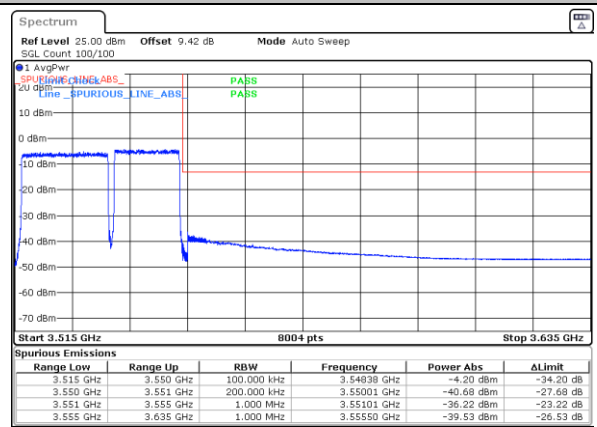
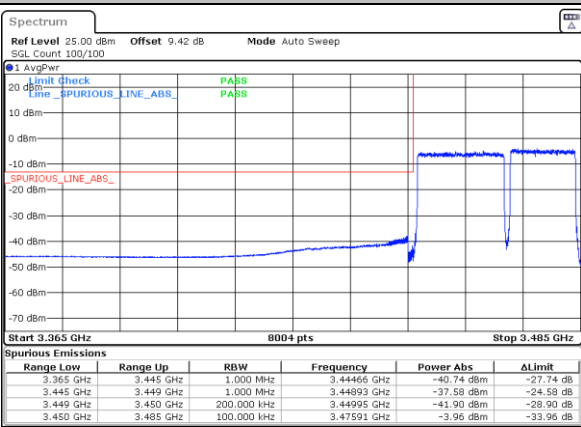


Date: 5 JUN 2024 14:12:14

Date: 5 JUN 2024 14:30:07

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 5 JUN 2024 14:16:44

Date: 5 JUN 2024 14:34:37

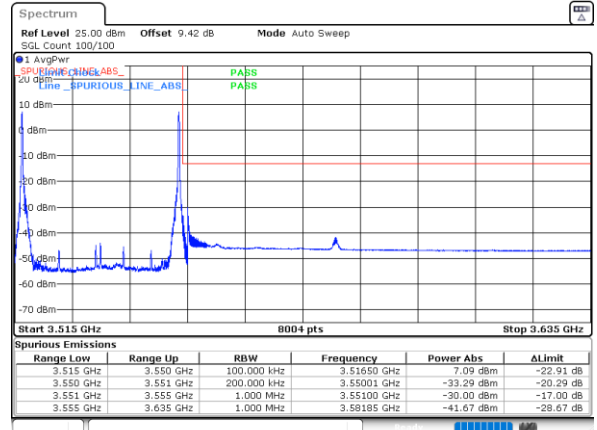
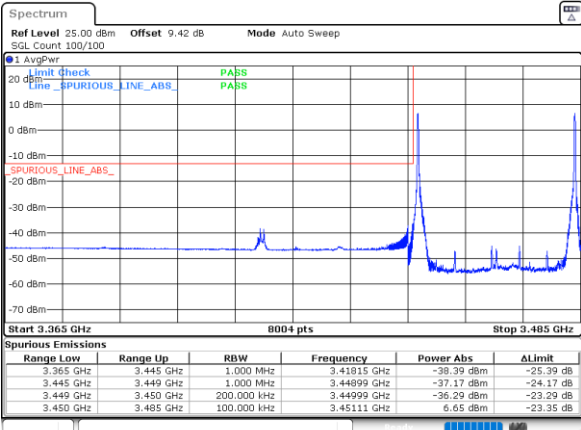


LTE Band 42C / 20MHz+15MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

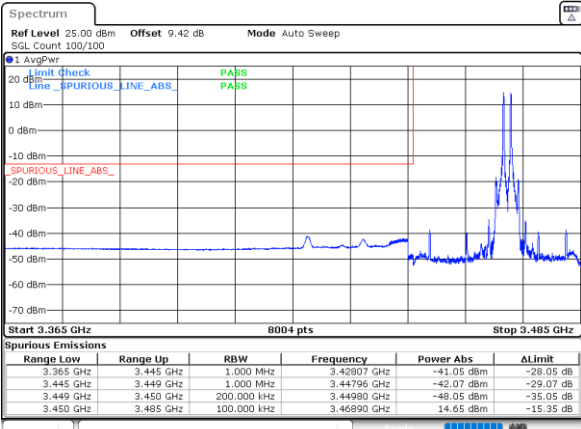


Date: 5 JUN 2024 14:22:20

Date: 5 JUN 2024 14:40:12

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

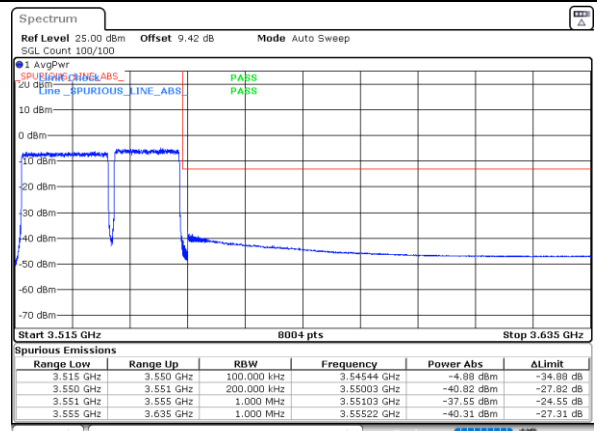
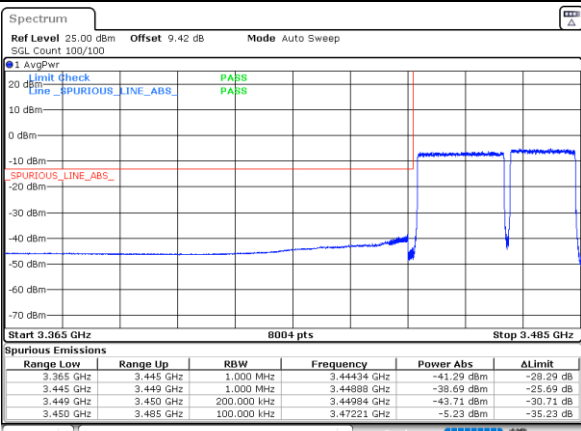


Date: 5 JUN 2024 14:13:22

Date: 5 JUN 2024 14:31:14

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 5 JUN 2024 14:17:50

Date: 5 JUN 2024 14:35:44

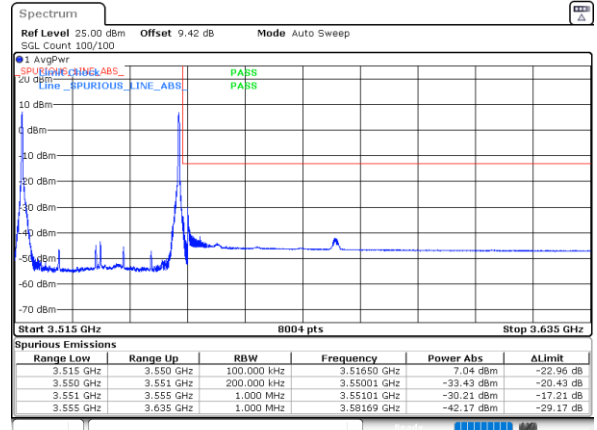
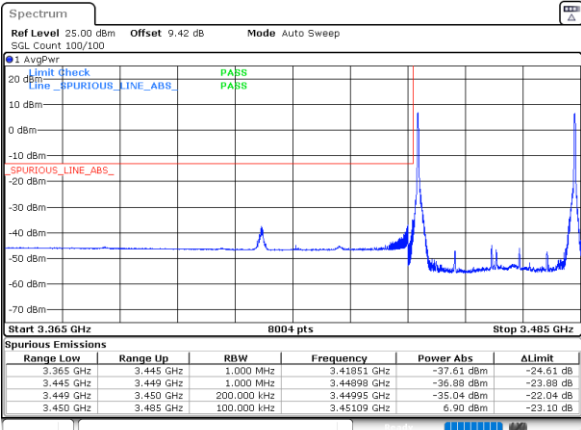


LTE Band 42C / 20MHz+15MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

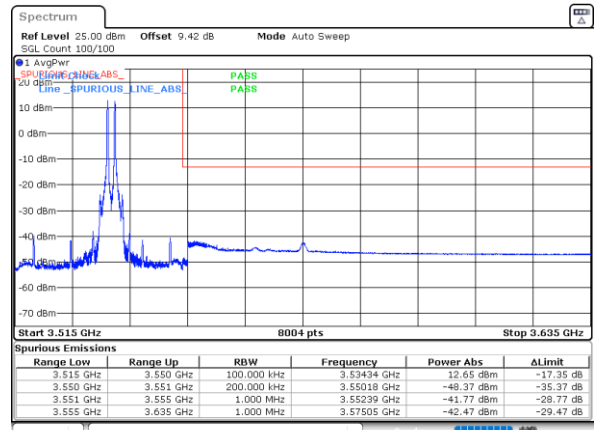
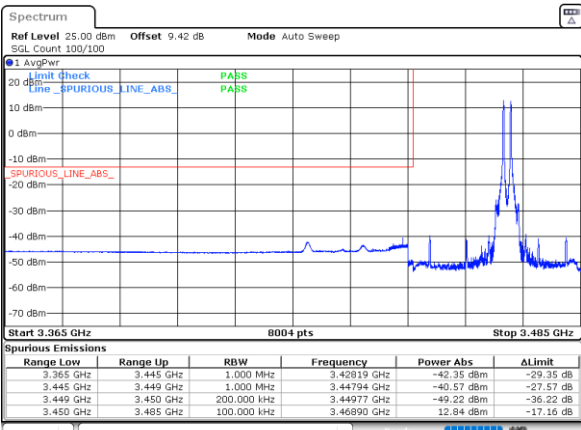


Date: 5 JUN 2024 14:23:27

Date: 5 JUN 2024 14:41:20

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

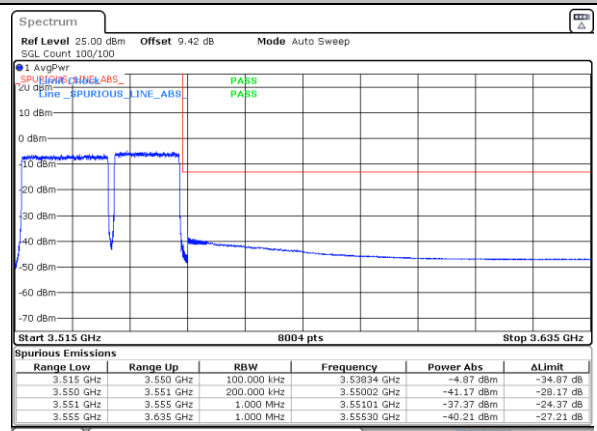
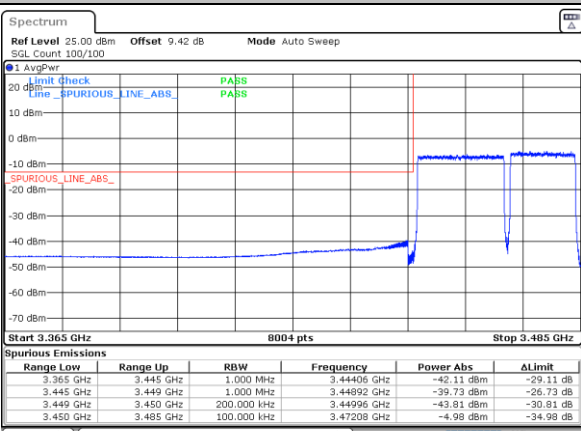


Date: 5 JUN 2024 14:14:29

Date: 5 JUN 2024 14:32:21

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 5 JUN 2024 14:18:57

Date: 5 JUN 2024 14:36:52

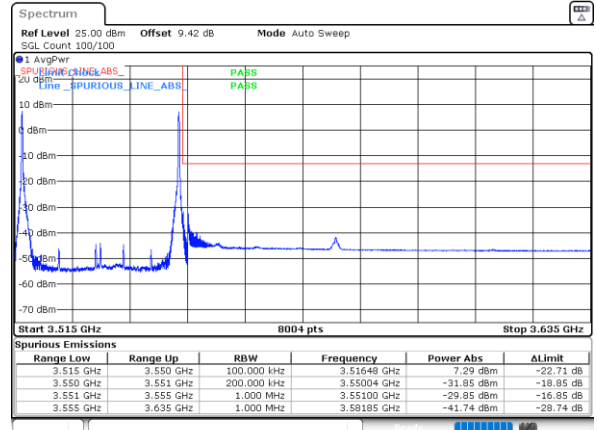
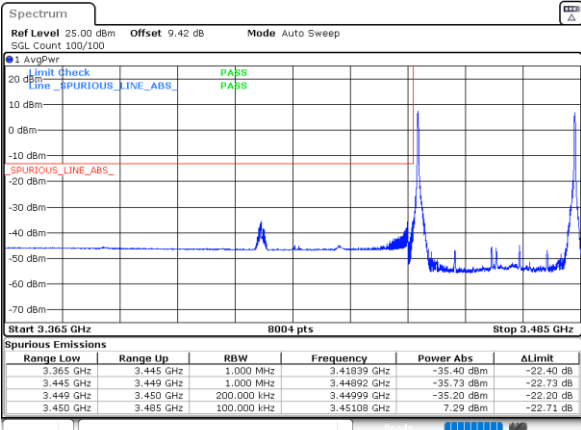


LTE Band 42C / 20MHz+15MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

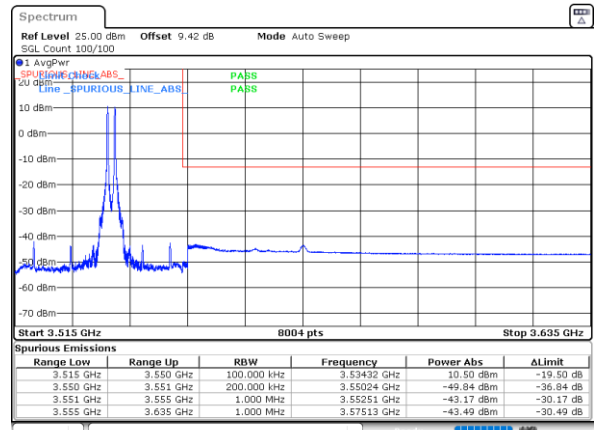
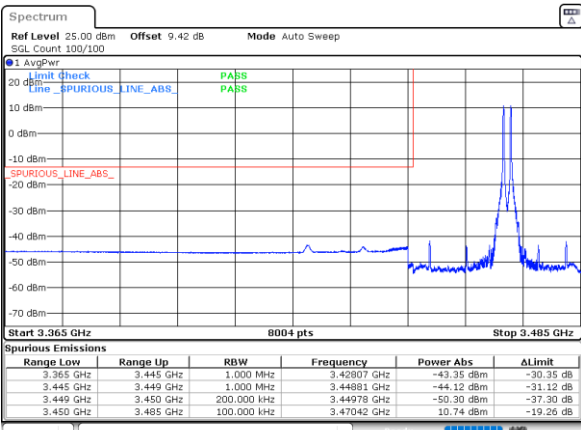


Date: 5 JUN 2024 14:24:34

Date: 5 JUN 2024 14:42:27

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

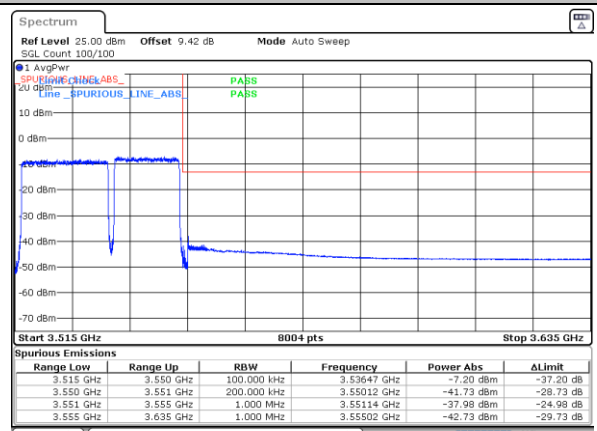
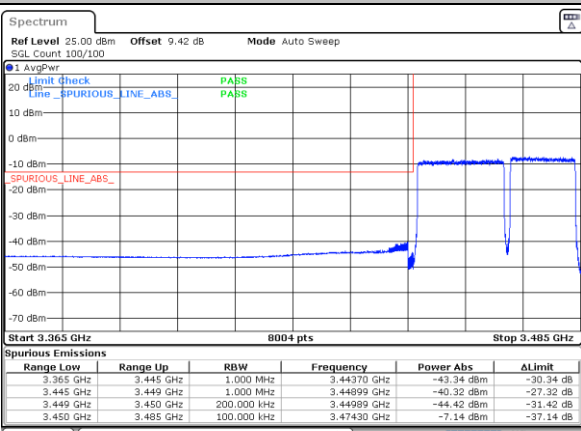


Date: 5 JUN 2024 14:15:36

Date: 5 JUN 2024 14:33:29

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 5 JUN 2024 14:20:05

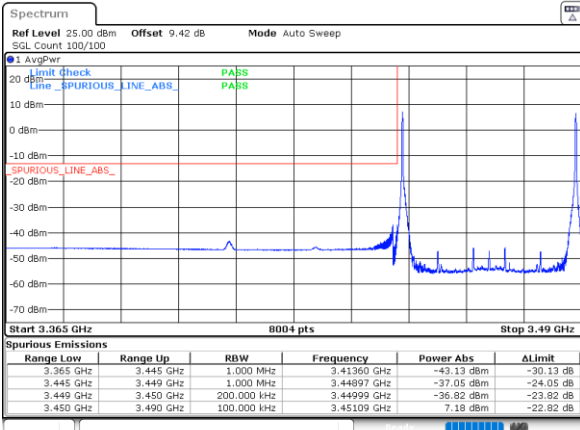
Date: 5 JUN 2024 14:37:58



LTE Band 42C / 20MHz+20MHz

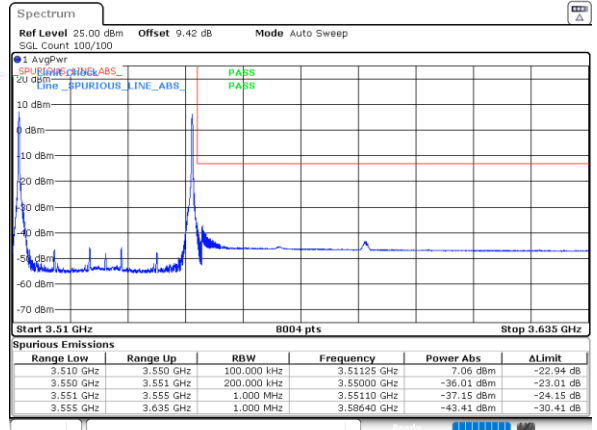
QPSK

Lowest Band Edge / 1RB0 and 1RB99



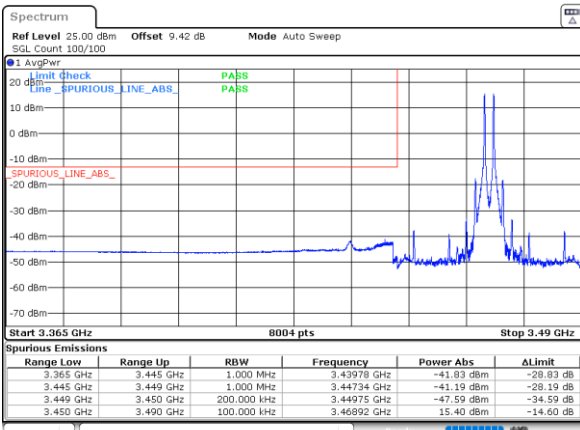
Date: 5 JUN 2024 11:25:42

Highest Band Edge / 1RB0 and 1RB99



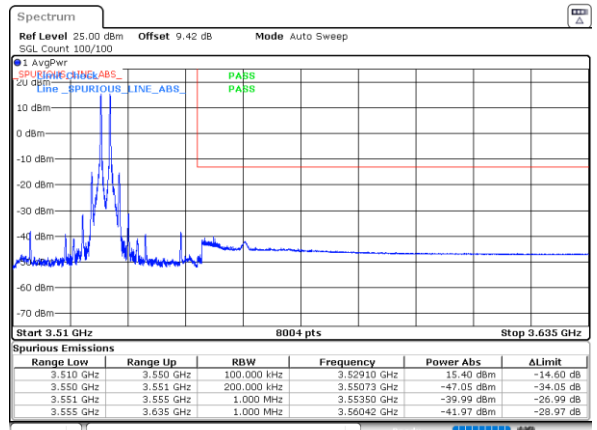
Date: 5 JUN 2024 11:43:45

Lowest Band Edge / 1RB99 and 1RB0



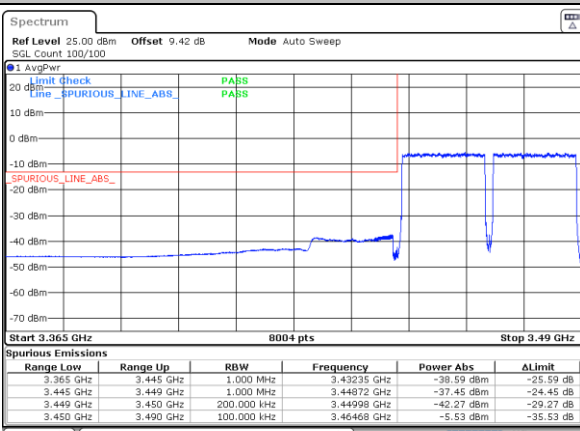
Date: 5 JUN 2024 11:16:10

Highest Band Edge / 1RB99 and 1RB0



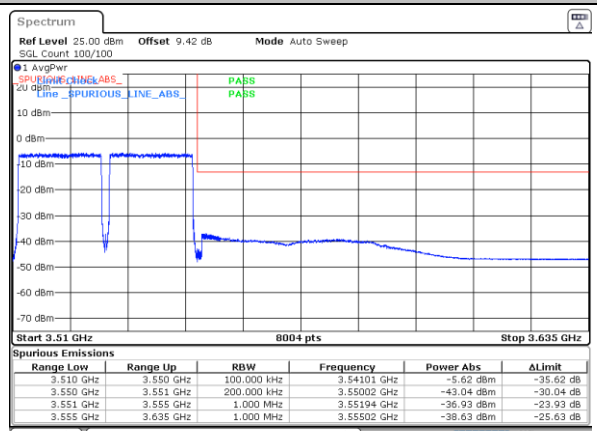
Date: 5 JUN 2024 11:34:48

Lowest Band Edge / Full RB



Date: 5 JUN 2024 11:20:56

Highest Band Edge / Full RB



Date: 5 JUN 2024 11:39:17

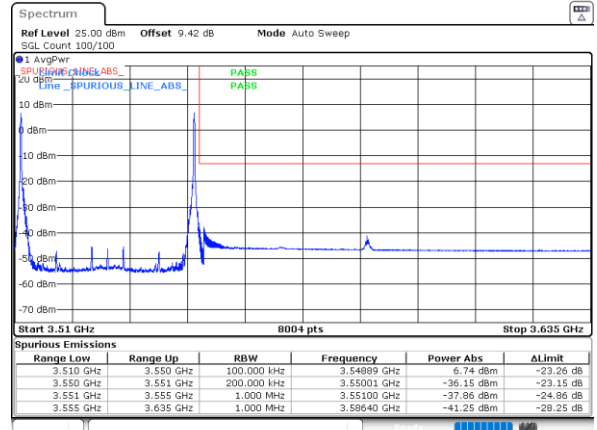
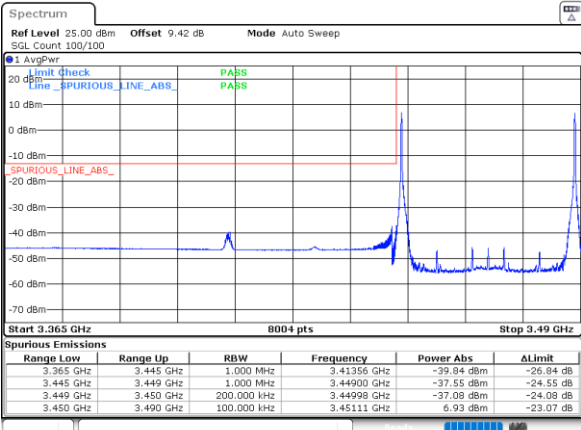


LTE Band 42C / 20MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB99

Highest Band Edge / 1RB0 and 1RB99

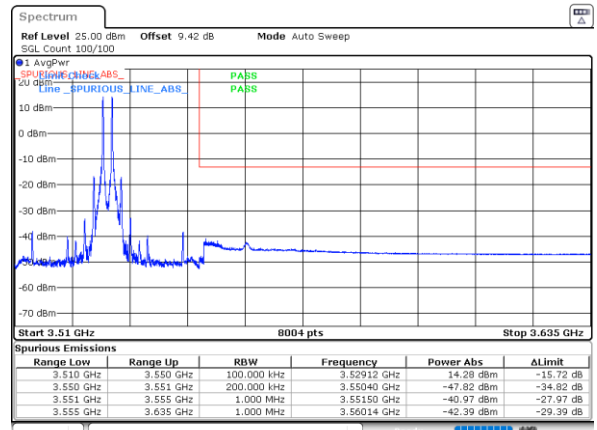
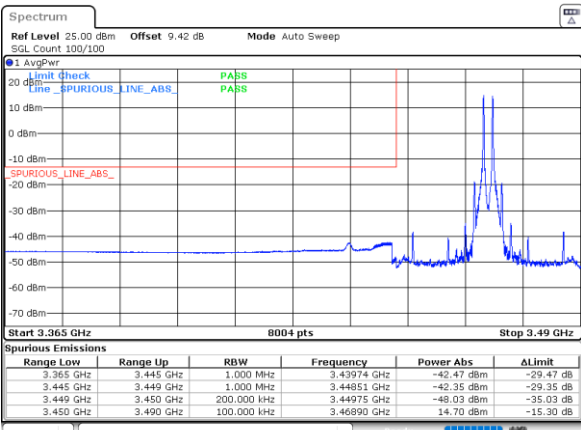


Date: 5 JUN 2024 11:26:53

Date: 5 JUN 2024 11:44:53

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

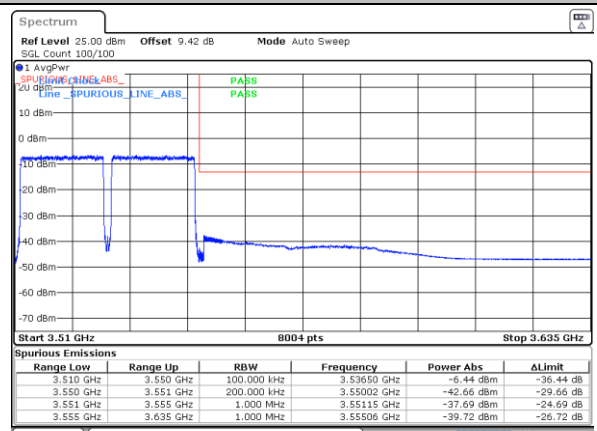
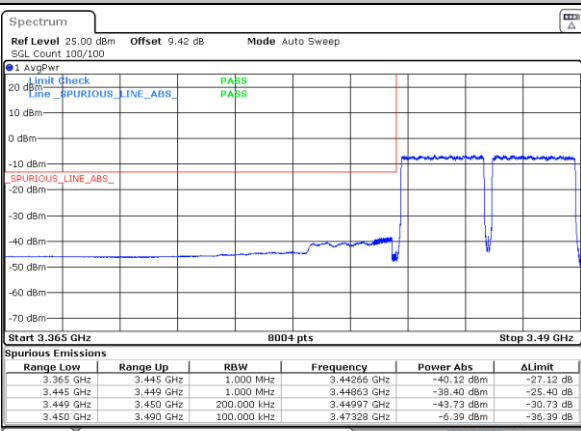


Date: 5 JUN 2024 11:17:21

Date: 5 JUN 2024 11:35:55

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 5 JUN 2024 11:22:07

Date: 5 JUN 2024 11:40:24

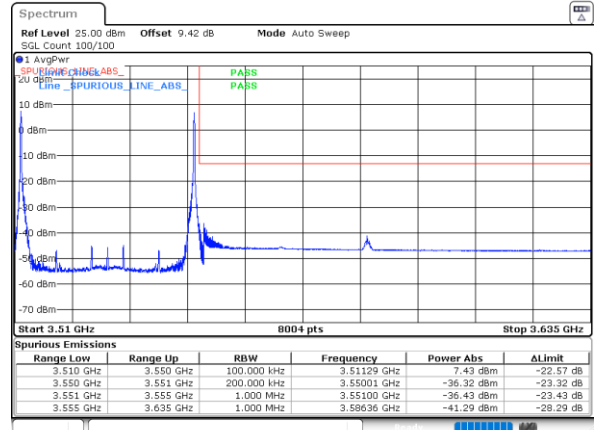
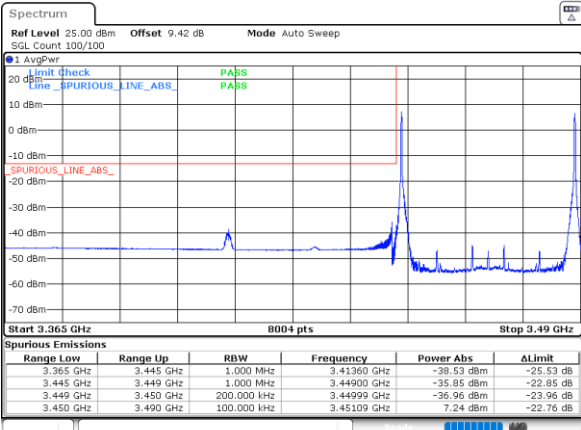


LTE Band 42C / 20MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB99

Highest Band Edge / 1RB0 and 1RB99

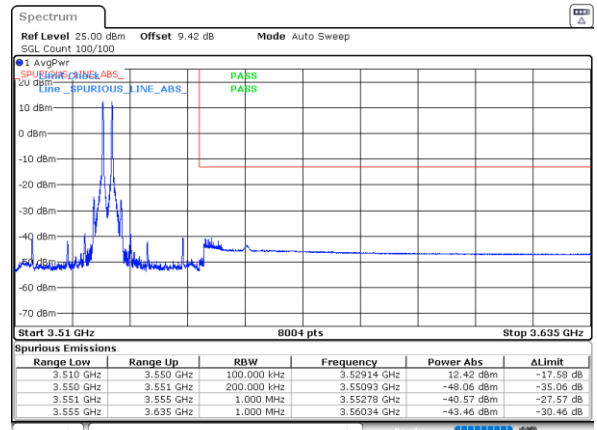
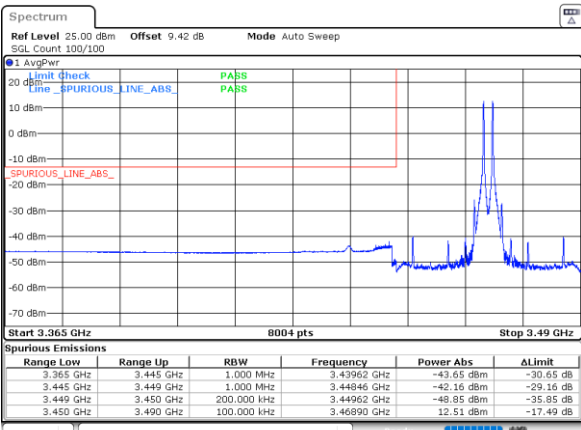


Date: 5 JUN 2024 11:28:04

Date: 5 JUN 2024 11:46:00

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

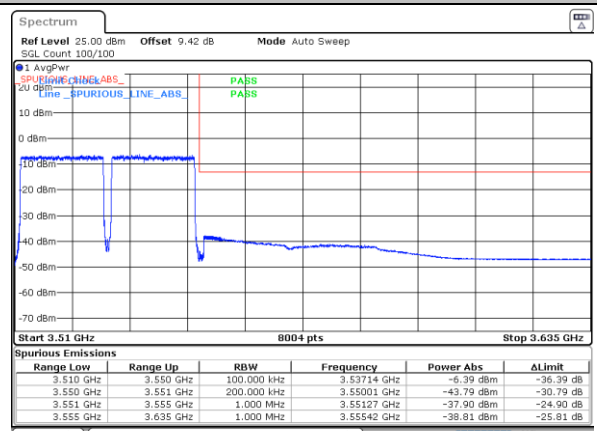
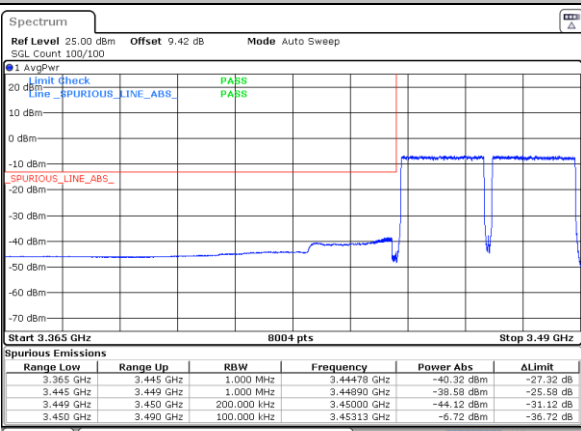


Date: 5 JUN 2024 11:18:33

Date: 5 JUN 2024 11:37:02

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 5 JUN 2024 11:23:19

Date: 5 JUN 2024 11:41:31

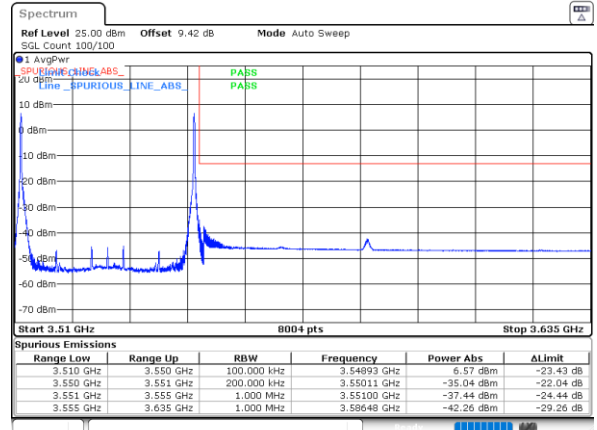
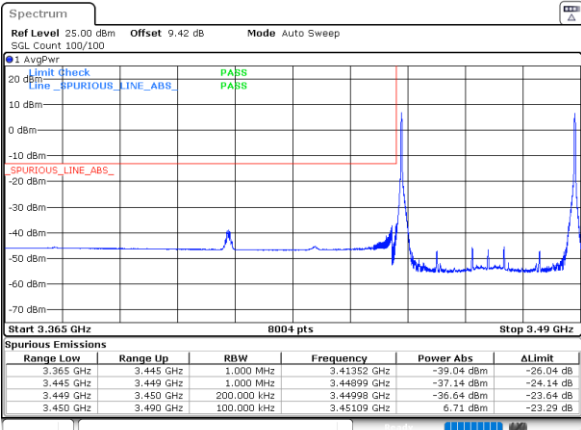


LTE Band 42C / 20MHz+20MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

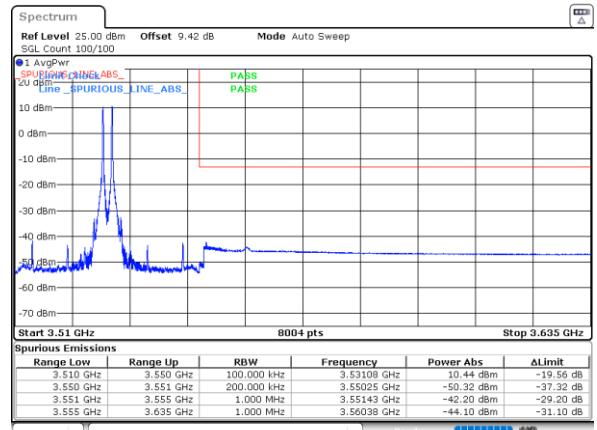
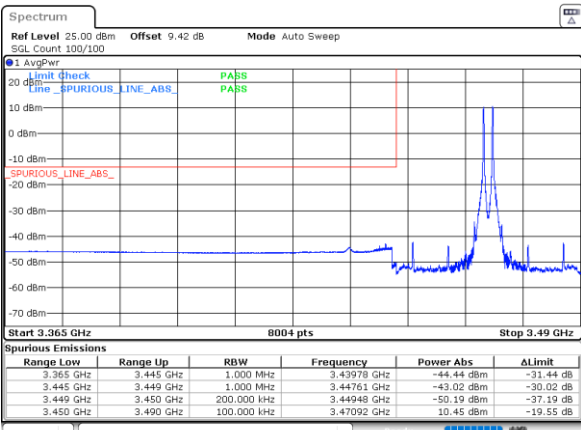


Date: 5 JUN 2024 11:29:16

Date: 5 JUN 2024 11:47:07

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

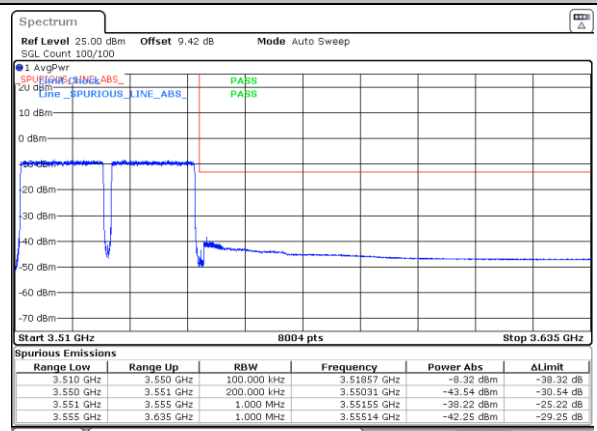
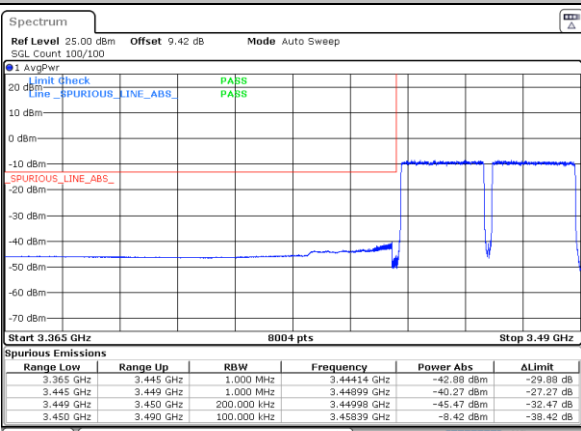


Date: 5 JUN 2024 11:19:44

Date: 5 JUN 2024 11:38:09

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

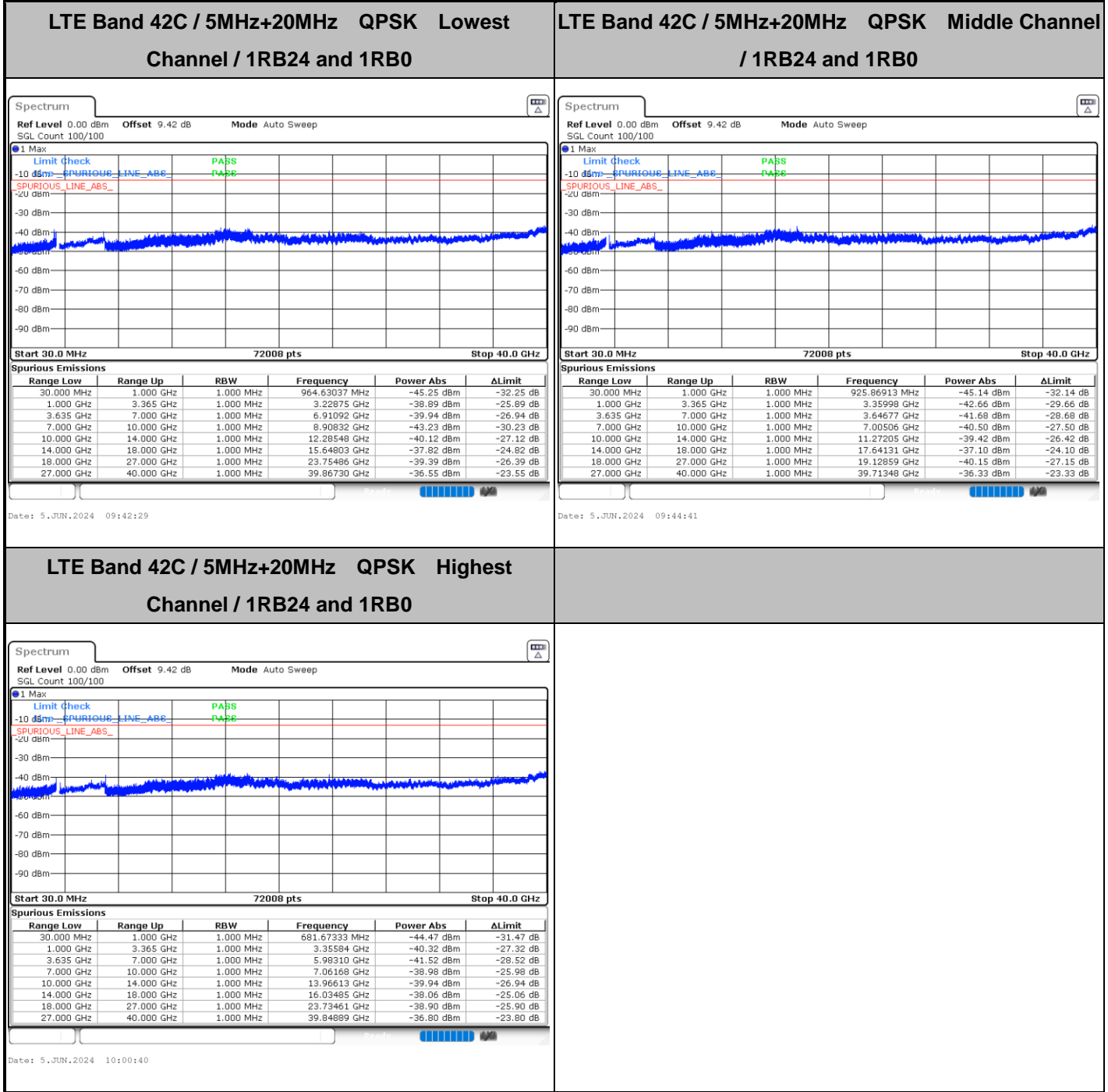


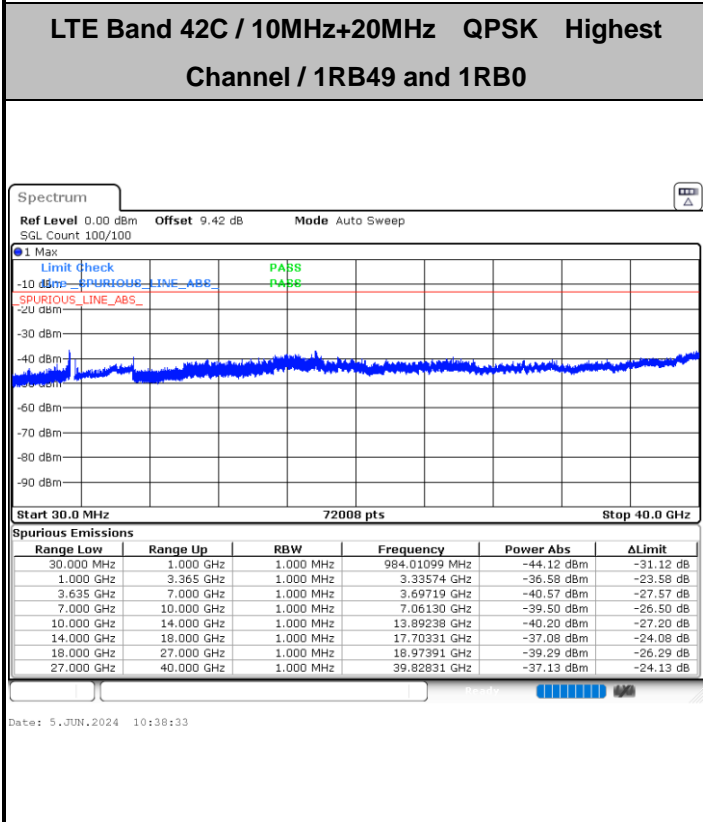
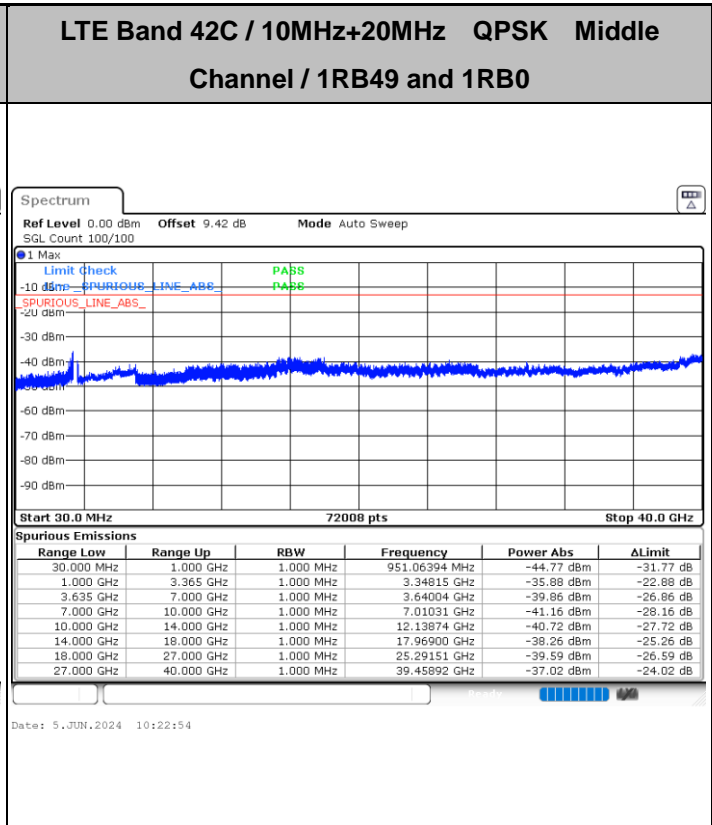
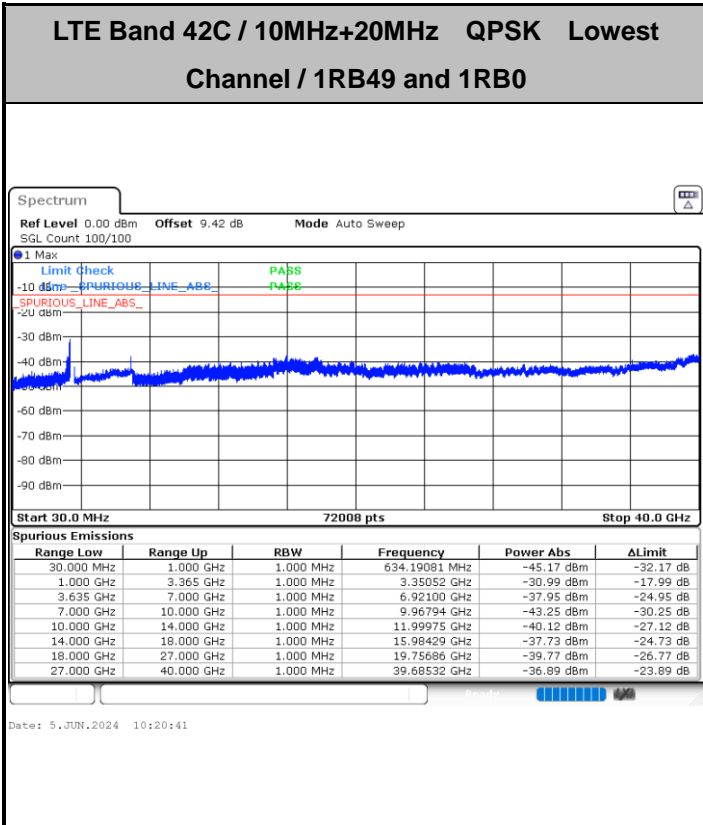
Date: 5 JUN 2024 11:24:30

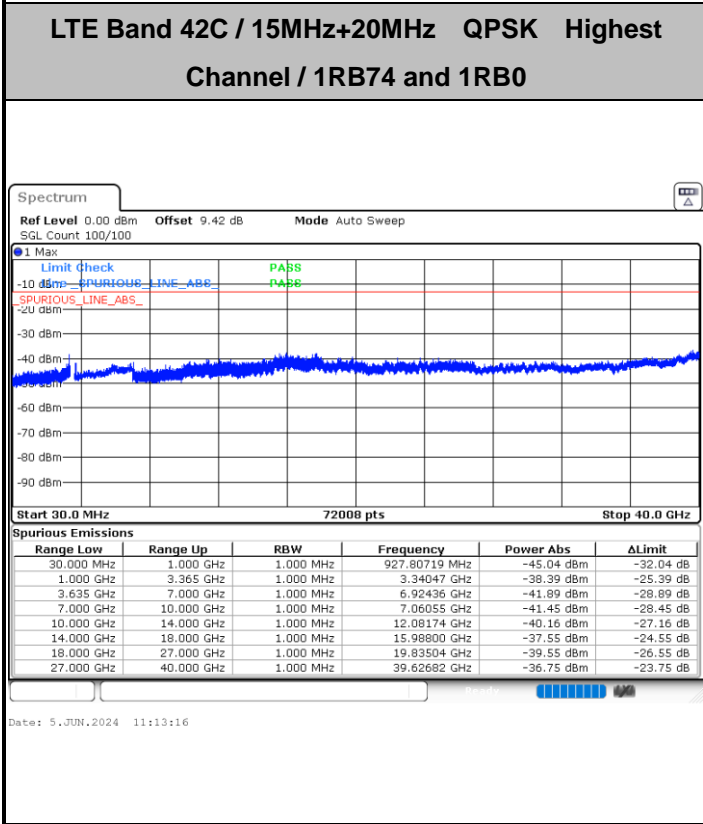
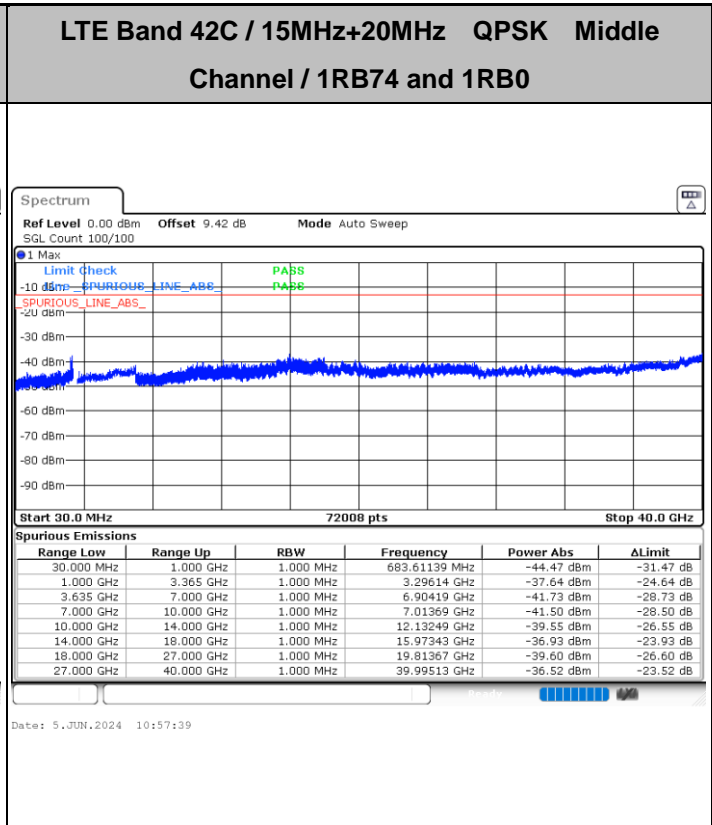
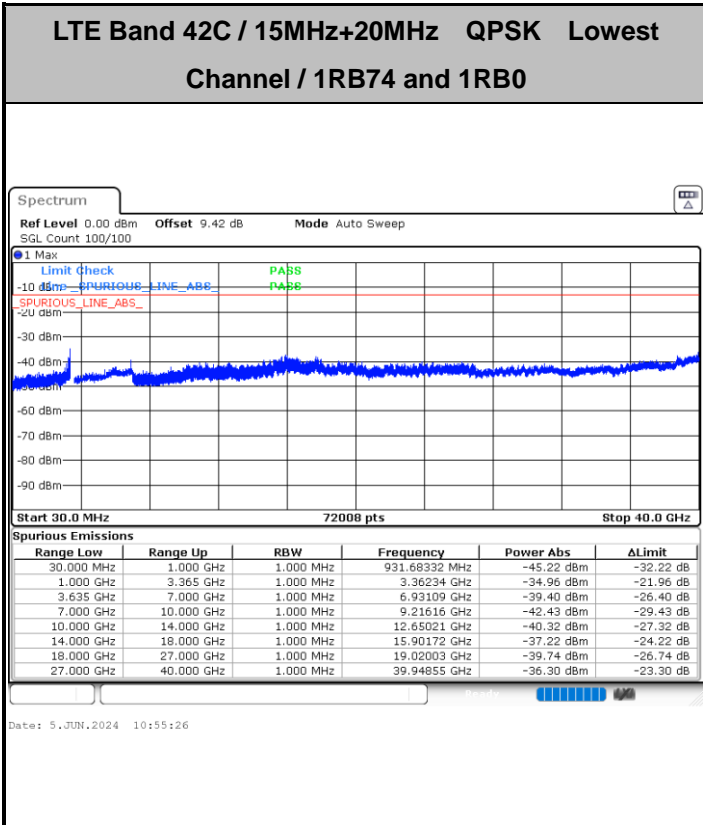
Date: 5 JUN 2024 11:42:38

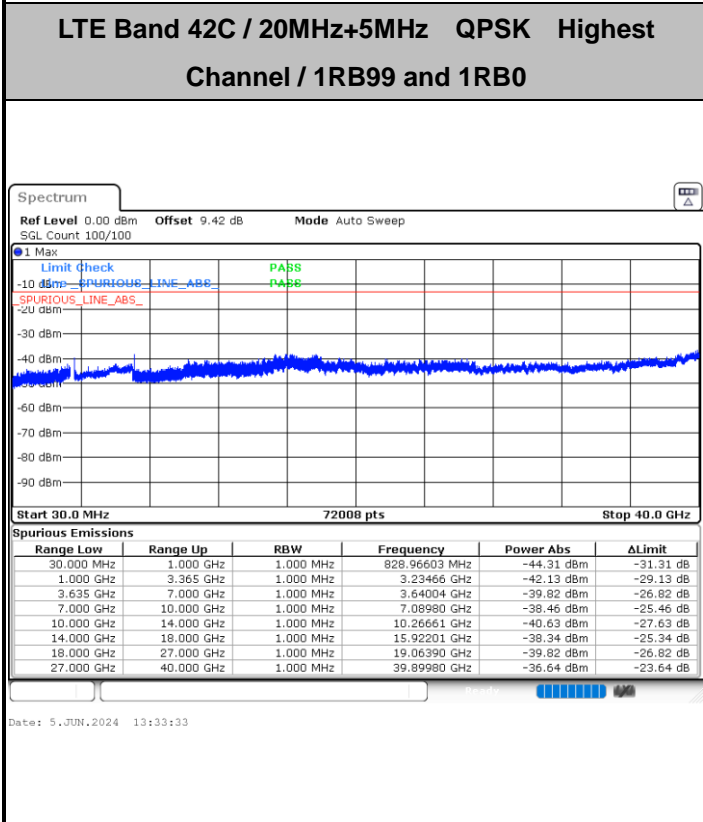
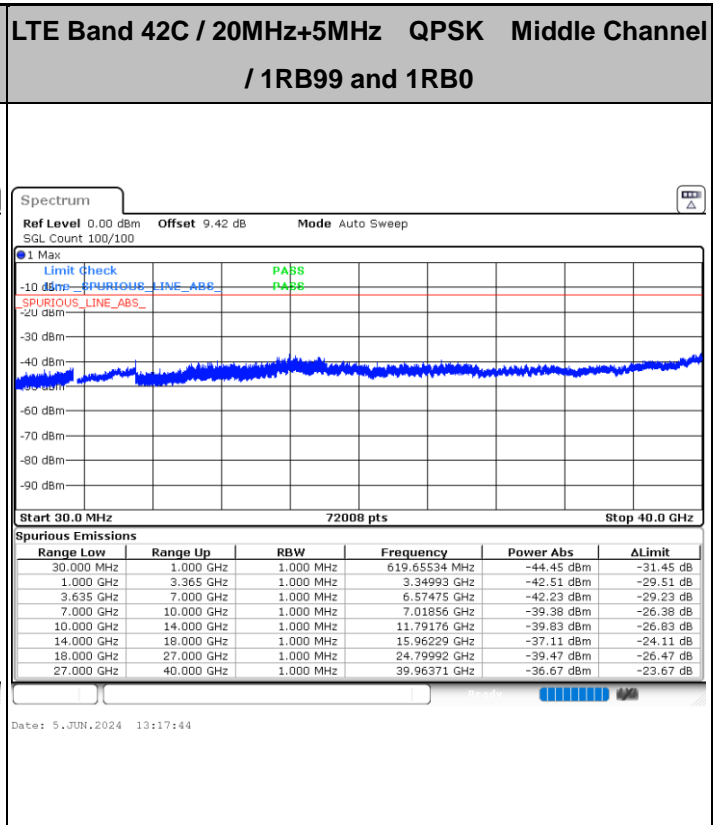
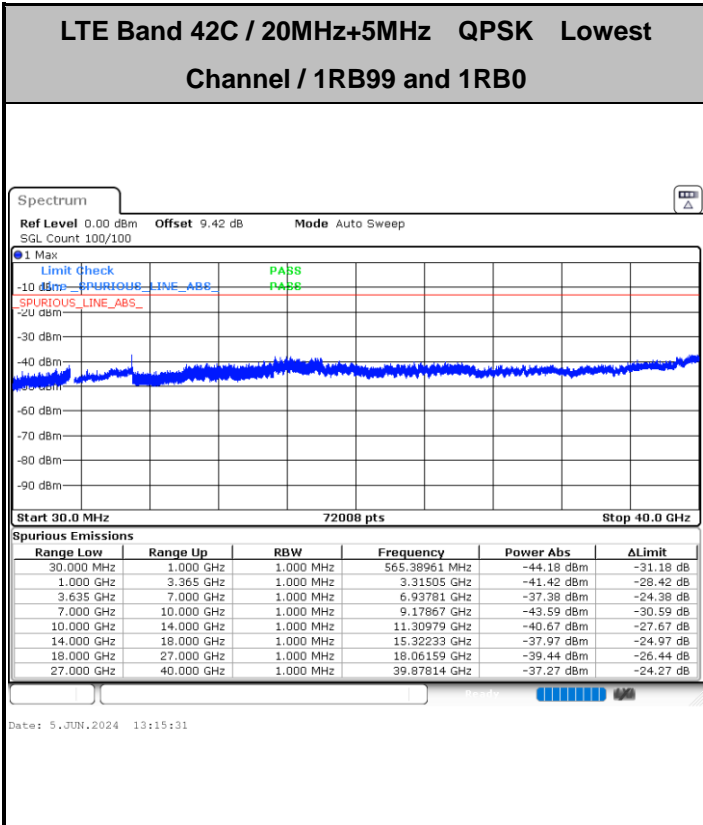


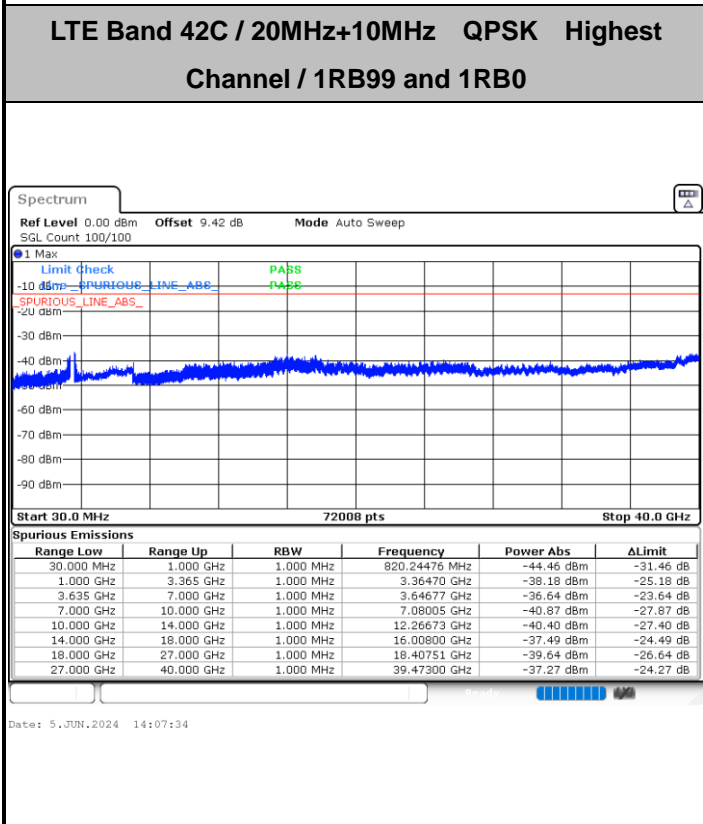
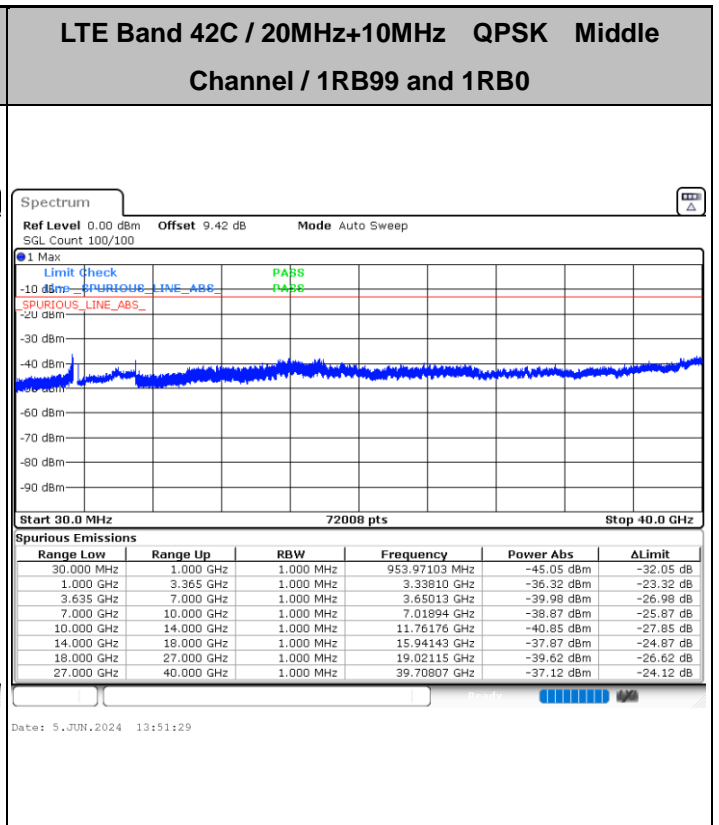
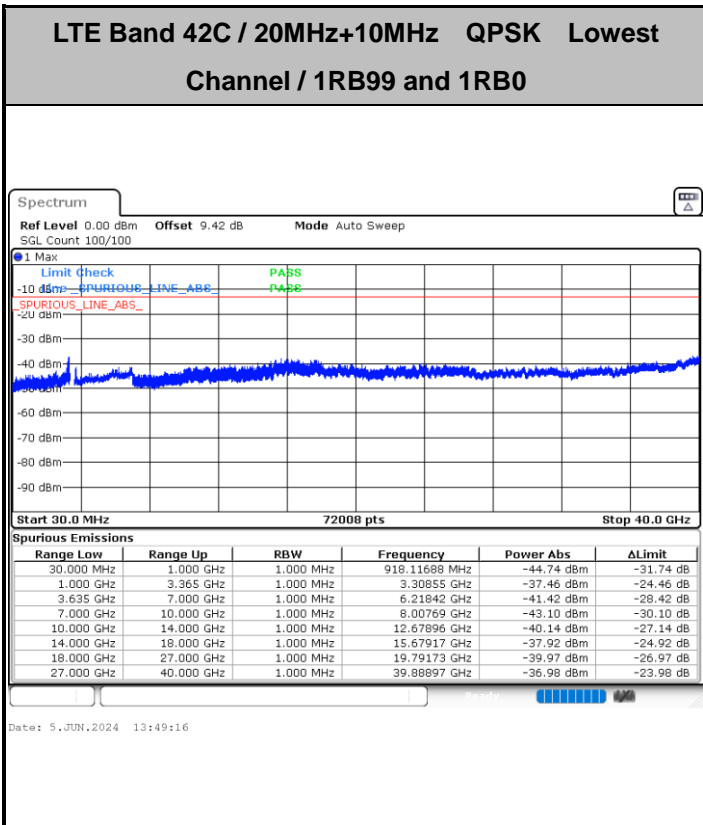
Conducted Spurious Emission

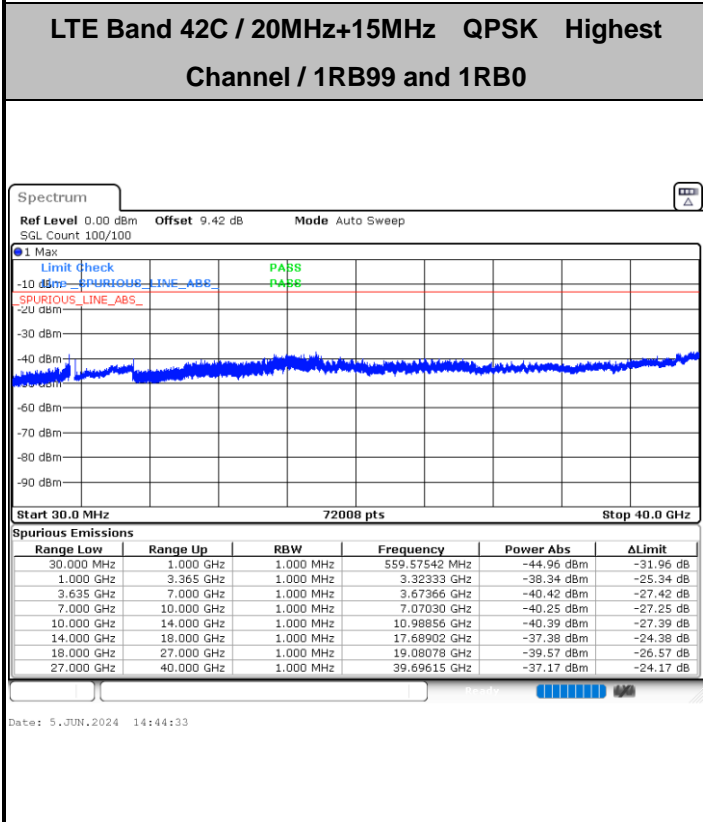
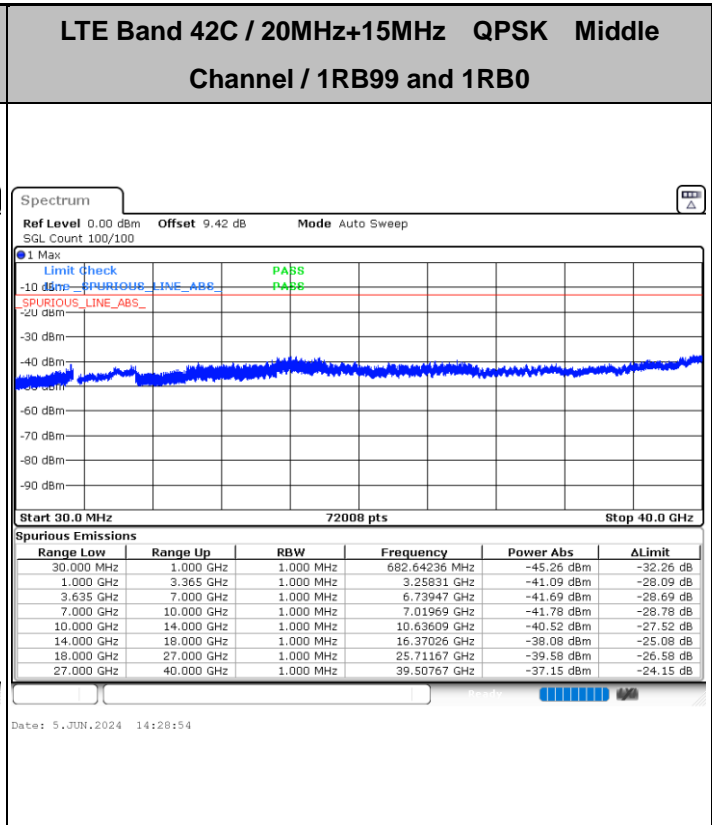
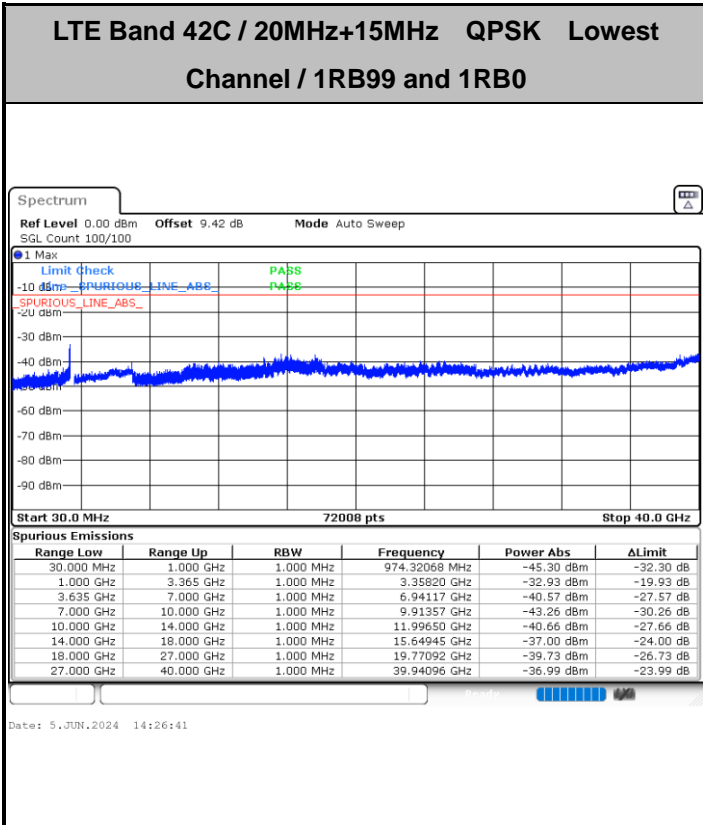








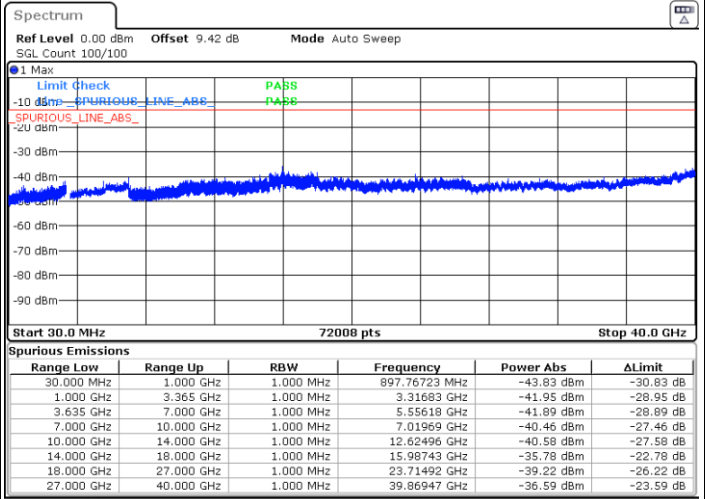
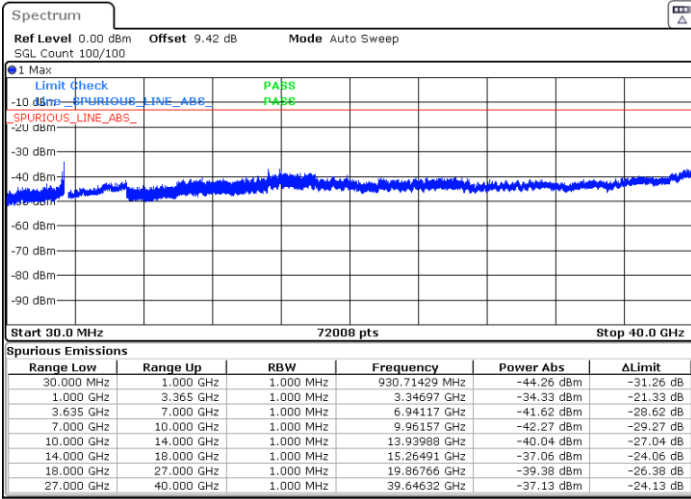






LTE Band 42C / 20MHz+20MHz QPSK Lowest Channel / 1RB99 and 1RB0

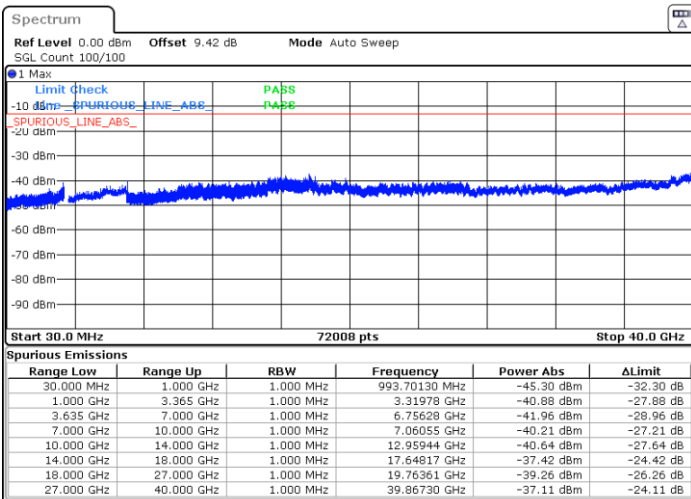
LTE Band 42C / 20MHz+20MHz QPSK Middle Channel / 1RB99 and 1RB0



Date: 5 JUN.2024 11:31:22

Date: 5 JUN.2024 11:33:35

LTE Band 42C / 20MHz+20MHz QPSK Highest Channel / 1RB99 and 1RB0



Date: 5 JUN.2024 12:59:52

Frequency Stability

Test Conditions		LTE Band 42C (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20+20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0022	PASS
40	Normal Voltage	0.0016	
30	Normal Voltage	0.0025	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0015	
0	Normal Voltage	0.0033	
-10	Normal Voltage	0.0027	
-20	Normal Voltage	0.0019	
-30	Normal Voltage	0.0024	
20	Maximum Voltage	0.0016	
20	Normal Voltage	0.0036	
20	Battery End Point	0.0008	

Note:

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



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Bruce	Temperature :	23~25°C
		Relative Humidity :	41~42%

LTE Band 42 / 20MHz / QPSK								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	6984	-60.50	-13	-47.50	-70.71	3.03	13.24	H
	10476	-36.46	-13	-23.46	-45.91	3.56	13.01	H
	13968	-60.30	-13	-47.30	-69.82	3.92	13.44	H
	6984	-63.63	-13	-50.63	-73.84	3.03	13.24	V
	10476	-42.50	-13	-29.50	-51.95	3.56	13.01	V
	13968	-58.17	-13	-45.17	-67.69	3.92	13.44	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 42C / 20MHz+20MHz / QPSK								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	6960	-63.77	-13	-50.77	-73.98	3.03	13.24	H
	10440	-48.63	-13	-35.63	-58.08	3.56	13.01	H
	13920	-61.24	-13	-48.24	-70.76	3.92	13.44	H
	6960	-63.87	-13	-50.87	-74.08	3.03	13.24	V
	10440	-51.99	-13	-38.99	-61.44	3.56	13.01	V
	13920	-60.88	-13	-47.88	-70.40	3.92	13.44	V
Middle	6996	-63.81	-13	-50.81	-74.02	3.03	13.24	H
	10500	-58.59	-13	-45.59	-68.04	3.56	13.01	H
	14004	-61.56	-13	-48.56	-71.08	3.92	13.44	H
	6996	-63.17	-13	-50.17	-73.38	3.03	13.24	V
	10500	-61.02	-13	-48.02	-70.47	3.56	13.01	V
	14004	-61.44	-13	-48.44	-70.96	3.92	13.44	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.