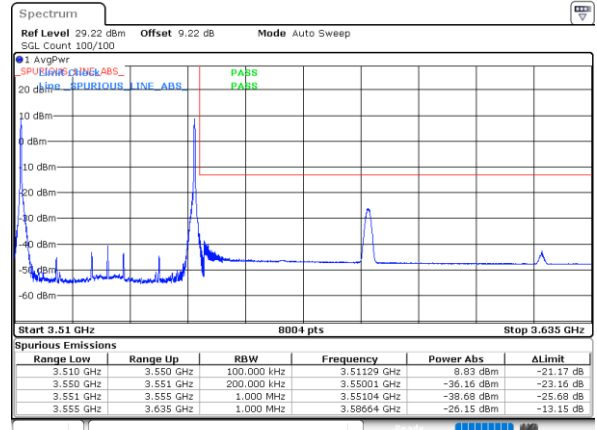
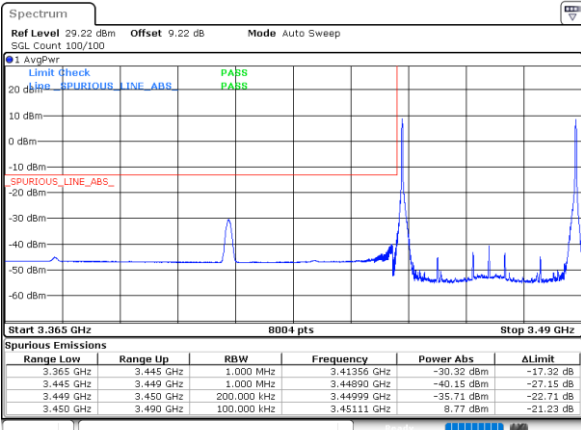


LTE Band 42C / 20MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

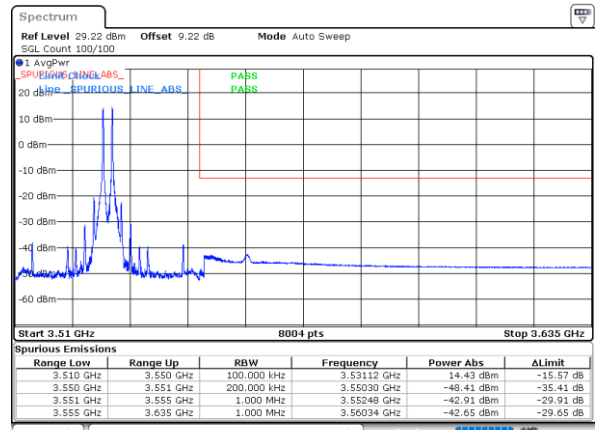
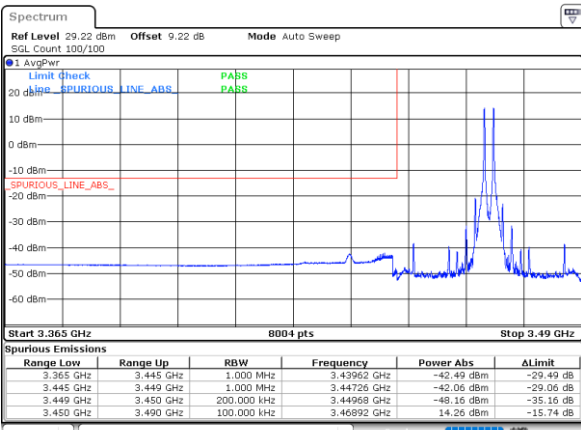


Date: 2.APR.2024 20:31:07

Date: 2.APR.2024 20:52:33

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

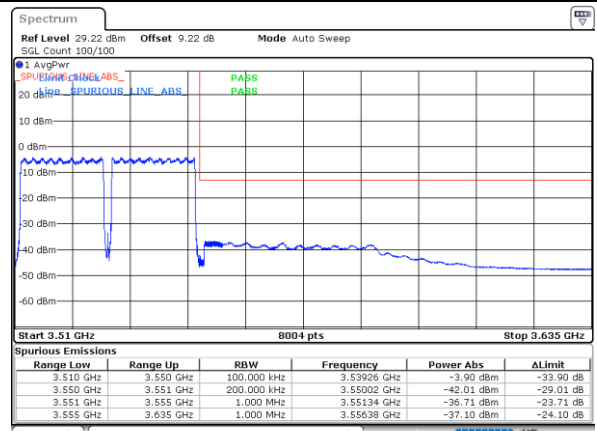
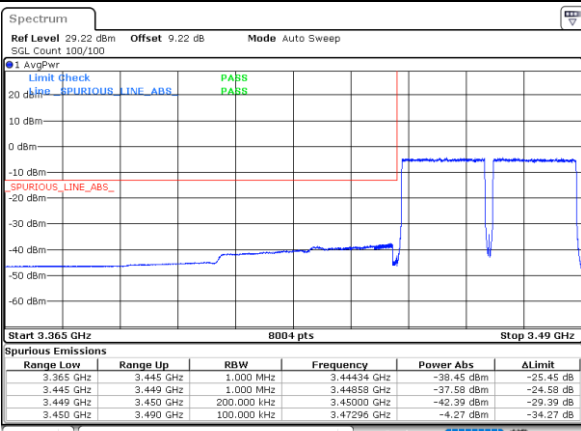


Date: 2.APR.2024 20:25:35

Date: 2.APR.2024 20:47:01

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 2.APR.2024 20:36:39

Date: 2.APR.2024 20:58:04

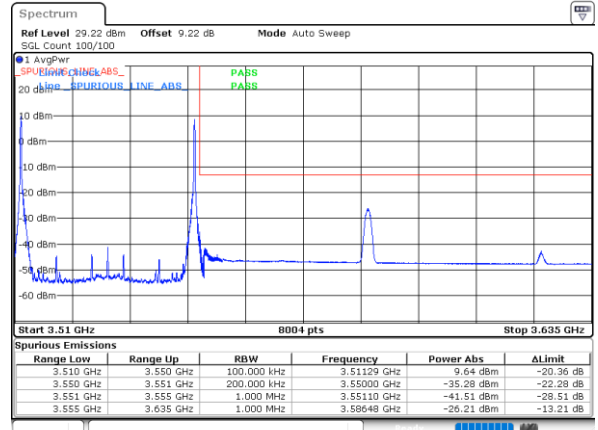
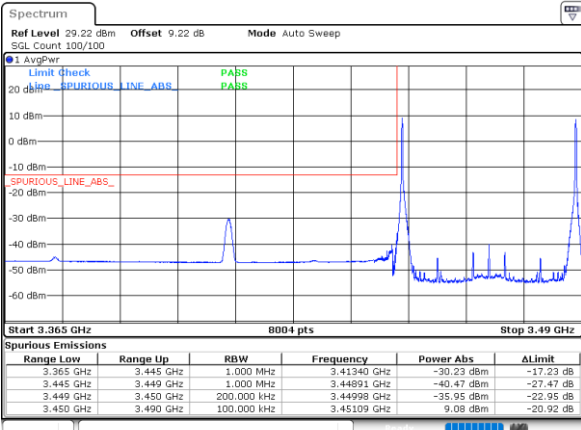


LTE Band 42C / 20MHz+20MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

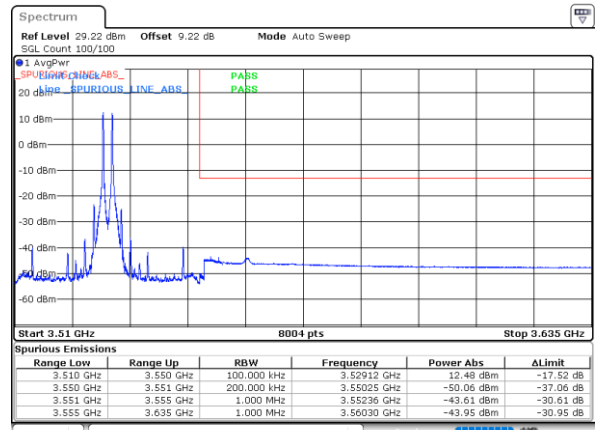
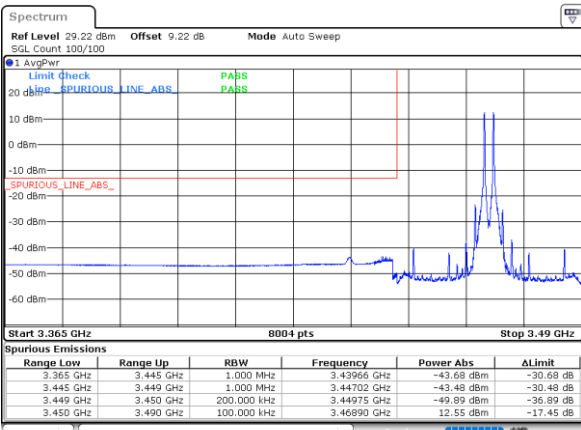


Date: 2.APR.2024 20:32:29

Date: 2.APR.2024 20:53:55

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

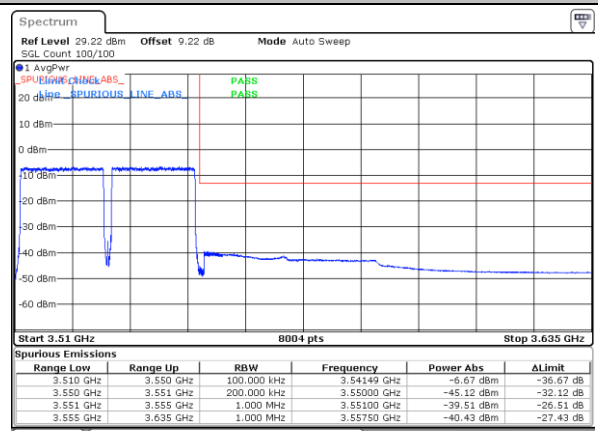
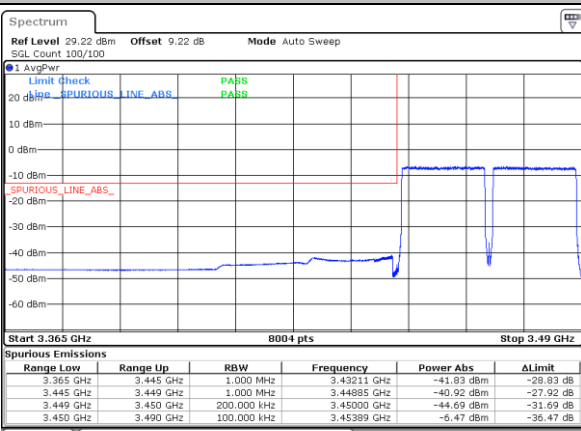


Date: 2.APR.2024 20:26:58

Date: 2.APR.2024 20:48:24

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 2.APR.2024 20:38:02

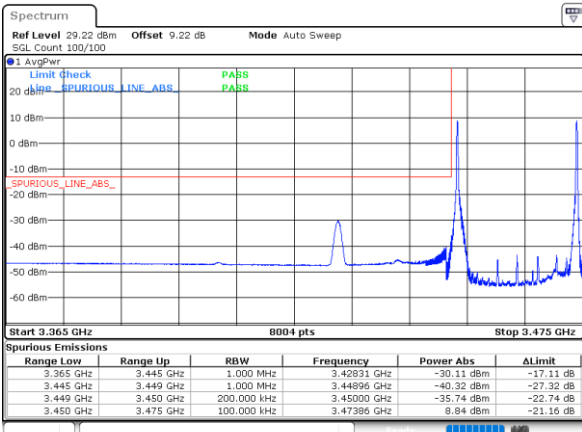
Date: 2.APR.2024 20:59:27



LTE Band 42C / 20MHz+5MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB24



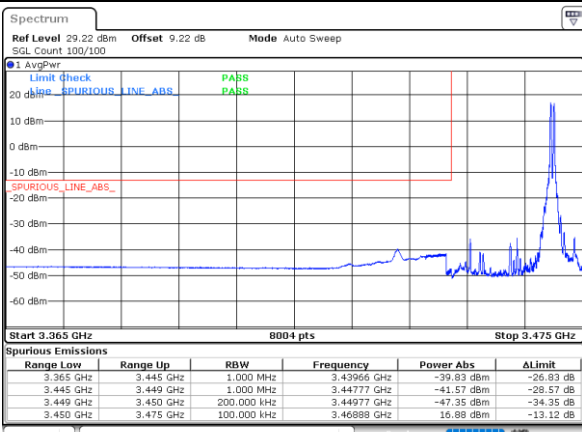
Date: 2.APR.2024 21:58:15

Highest Band Edge / 1RB0 and 1RB24



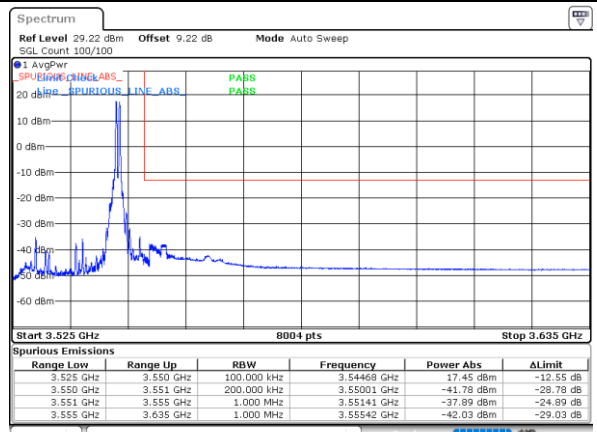
Date: 2.APR.2024 18:40:56

Lowest Band Edge / 1RB99 and 1RB0



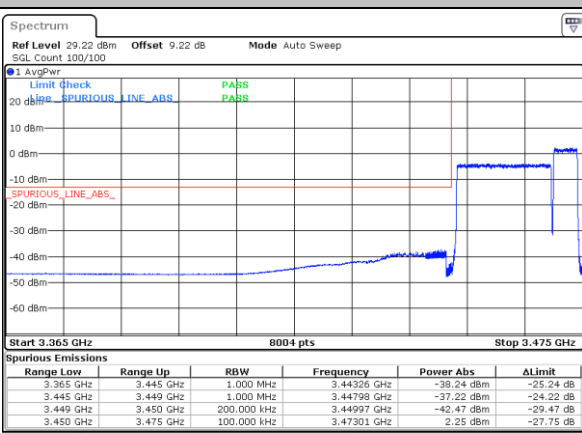
Date: 2.APR.2024 17:53:43

Highest Band Edge / 1RB99 and 1RB0



Date: 2.APR.2024 18:26:50

Lowest Band Edge / Full RB



Date: 2.APR.2024 18:16:16

Highest Band Edge / Full RB



Date: 2.APR.2024 18:50:24

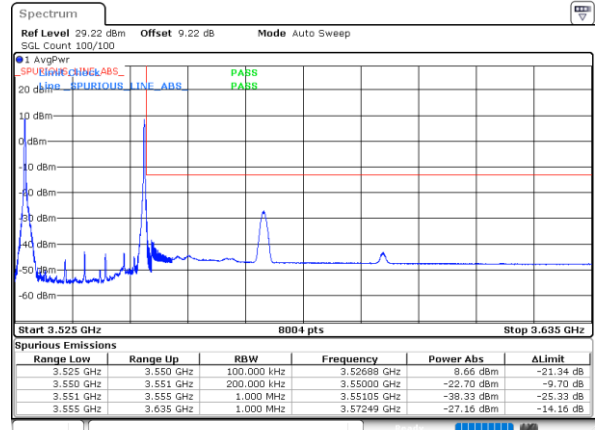
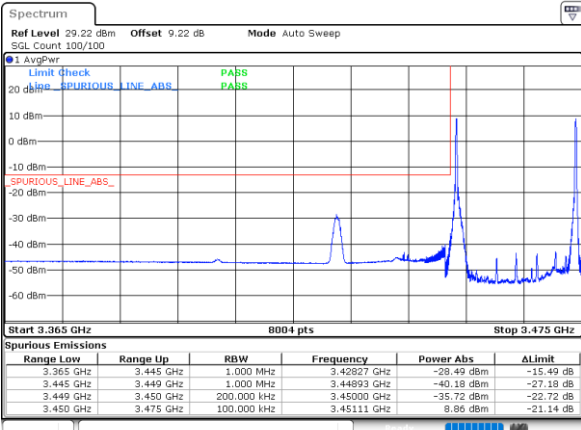


LTE Band 42C / 20MHz+5MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB24

Highest Band Edge / 1RB0 and 1RB24

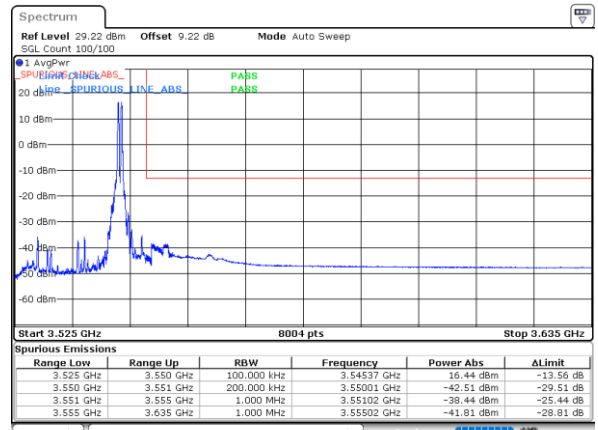
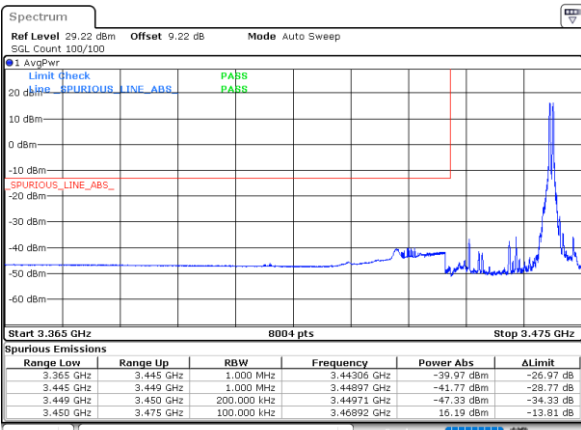


Date: 2.APR.2024 21:59:40

Date: 2.APR.2024 18:42:20

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

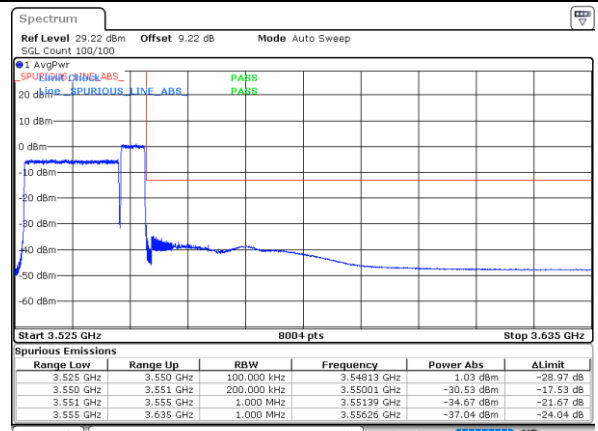
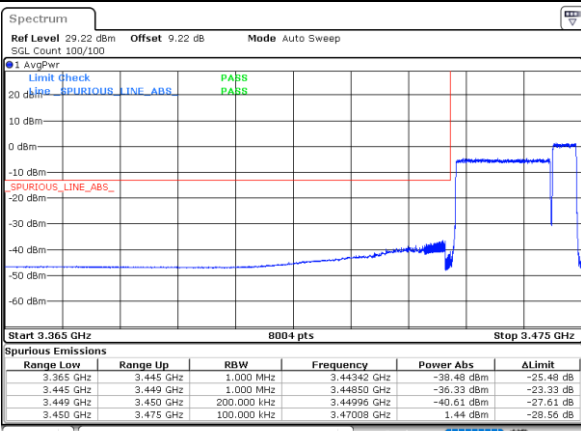


Date: 2.APR.2024 17:55:07

Date: 2.APR.2024 18:28:14

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 2.APR.2024 18:17:41

Date: 2.APR.2024 18:51:48

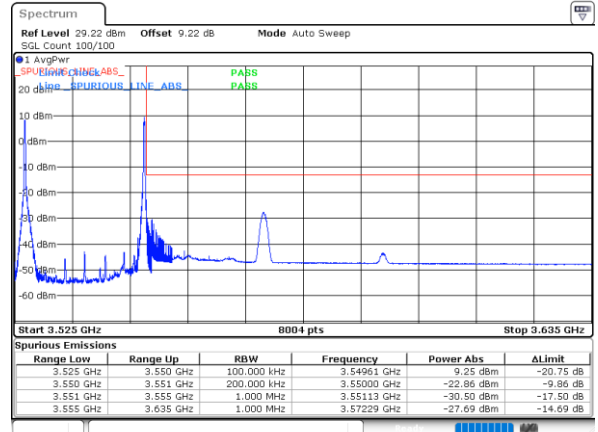
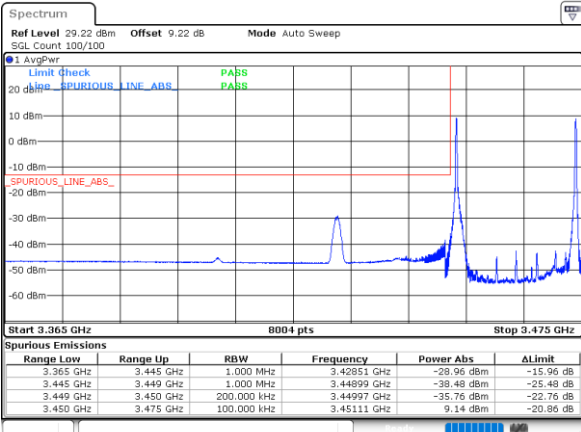


LTE Band 42C / 20MHz+5MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB24

Highest Band Edge / 1RB0 and 1RB24

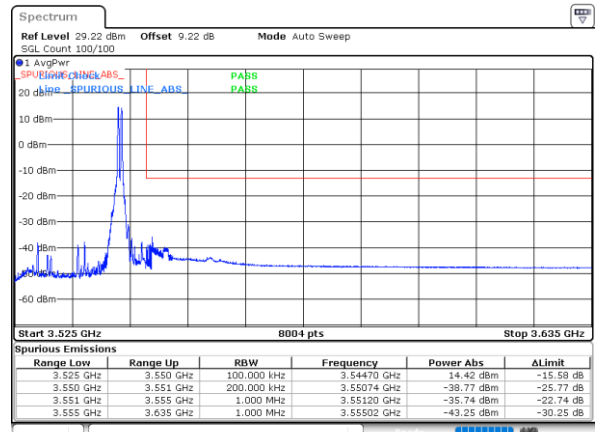
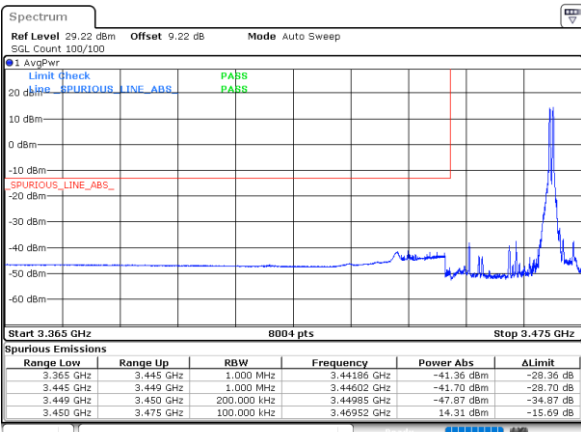


Date: 2.APR.2024 22:01:05

Date: 2.APR.2024 18:43:45

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

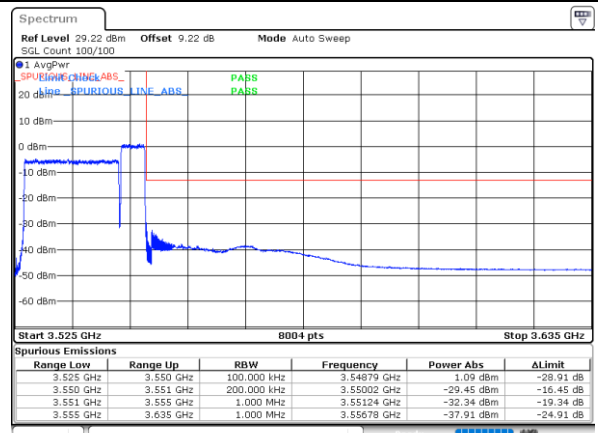
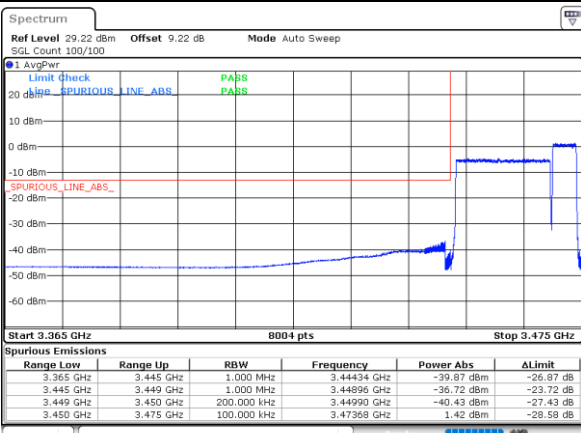


Date: 2.APR.2024 17:56:32

Date: 2.APR.2024 18:29:39

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 2.APR.2024 18:19:06

Date: 2.APR.2024 18:53:14

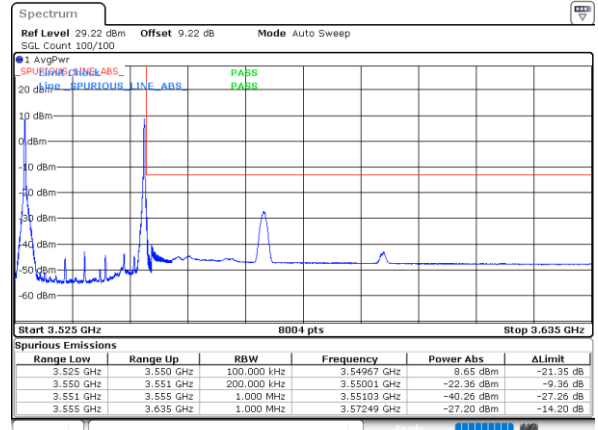
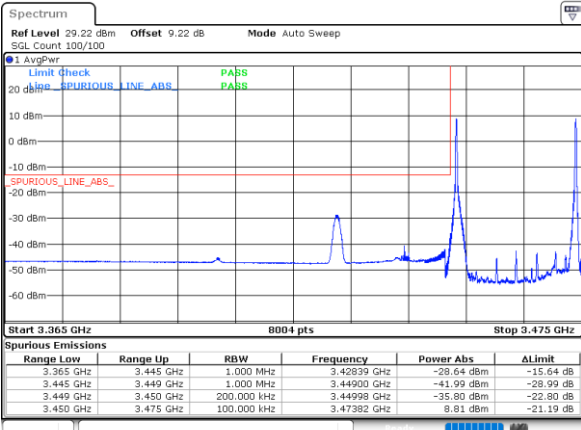


LTE Band 42C / 20MHz+5MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB24

Highest Band Edge / 1RB0 and 1RB24

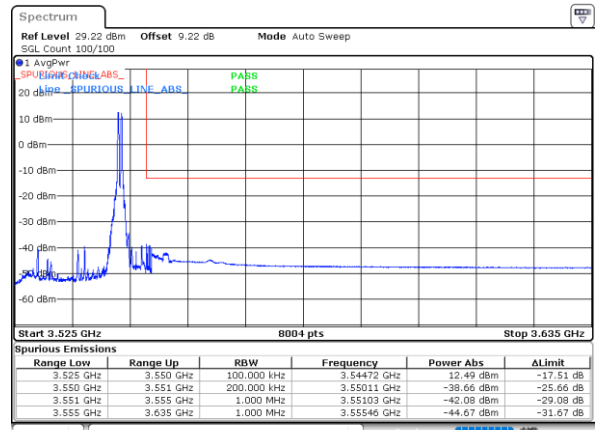
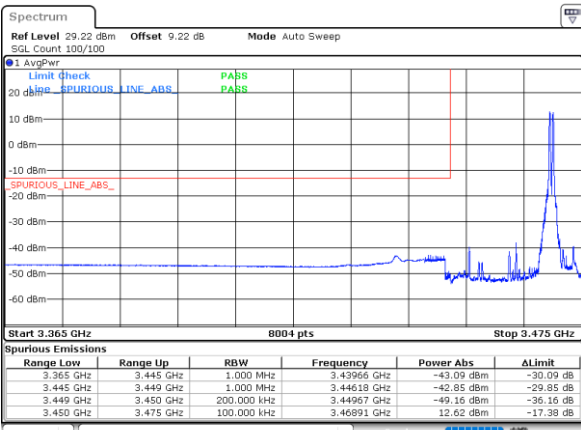


Date: 2.APR.2024 22:02:30

Date: 2.APR.2024 18:45:10

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

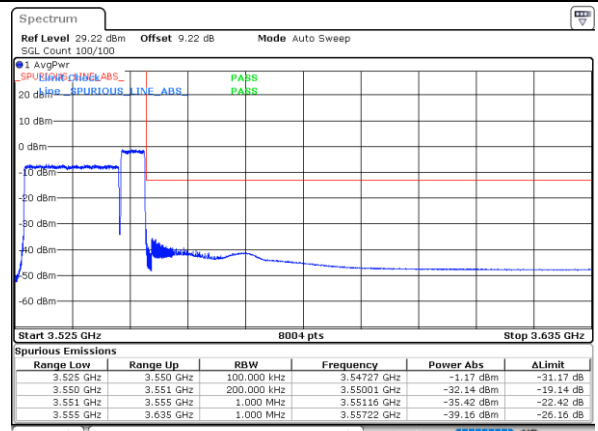
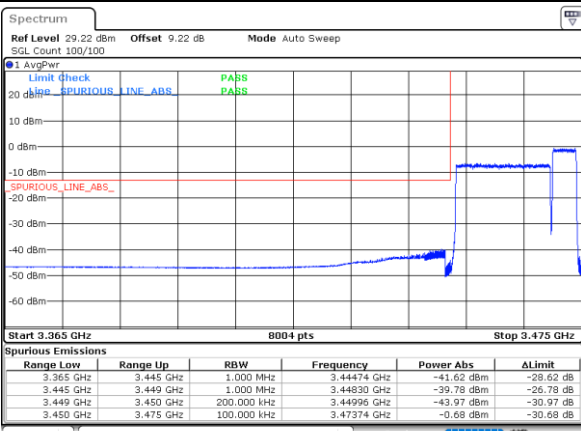


Date: 2.APR.2024 17:57:56

Date: 2.APR.2024 18:31:04

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 2.APR.2024 18:20:30

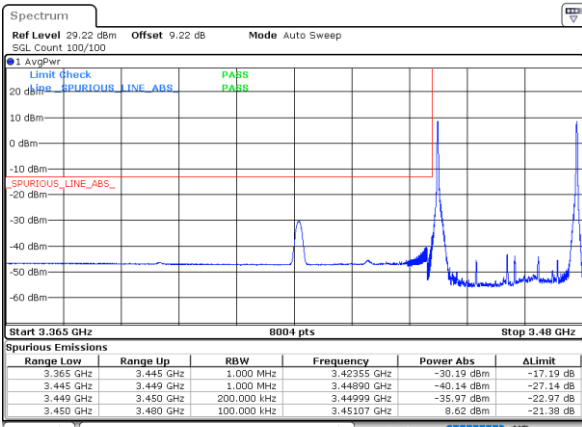
Date: 2.APR.2024 18:54:38



LTE Band 42C / 20MHz+10MHz

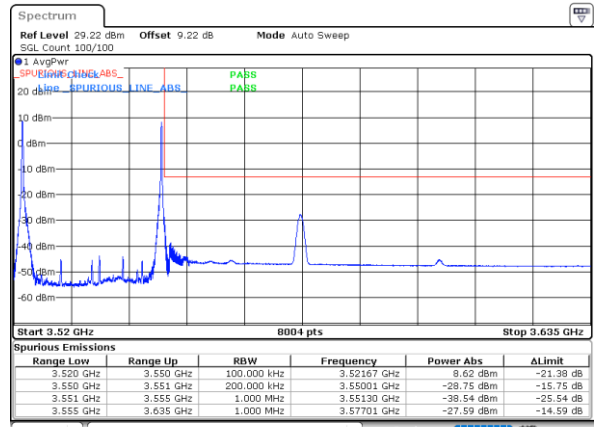
QPSK

Lowest Band Edge / 1RB0 and 1RB49



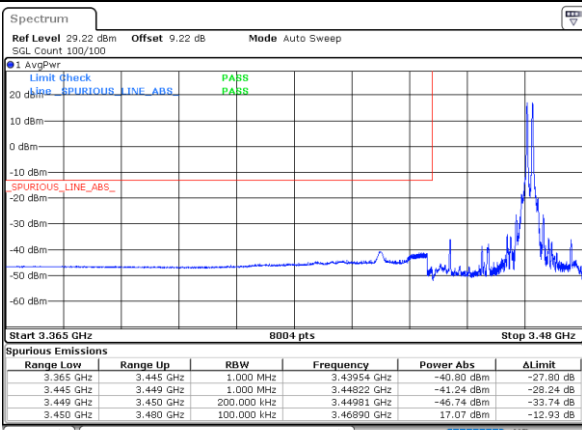
Date: 2.APR.2024 19:03:12

Highest Band Edge / 1RB0 and 1RB49



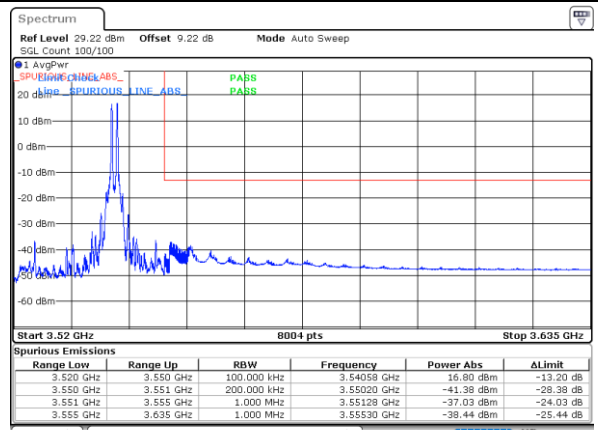
Date: 2.APR.2024 19:26:23

Lowest Band Edge / 1RB99 and 1RB0



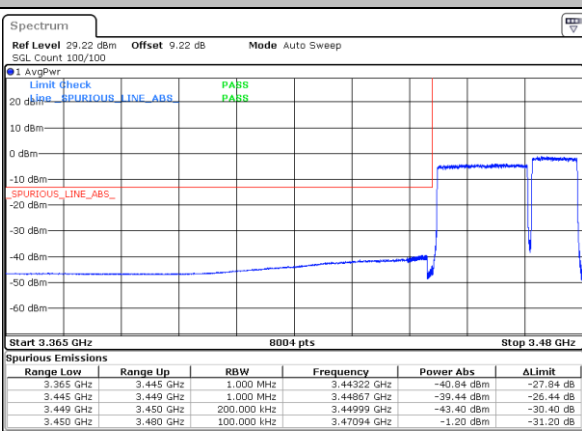
Date: 2.APR.2024 18:57:33

Highest Band Edge / 1RB99 and 1RB0



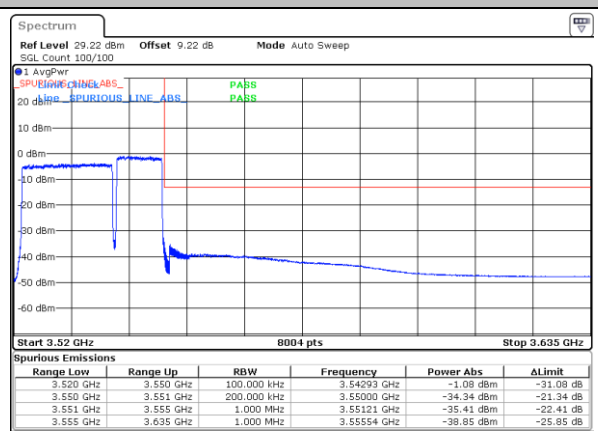
Date: 2.APR.2024 19:20:44

Lowest Band Edge / Full RB



Date: 2.APR.2024 19:08:50

Highest Band Edge / Full RB



Date: 2.APR.2024 19:32:03

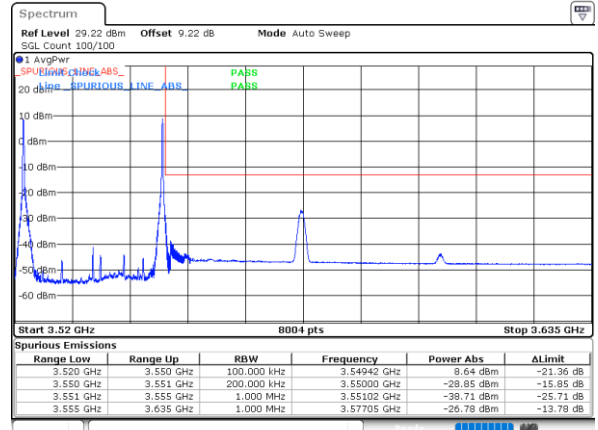
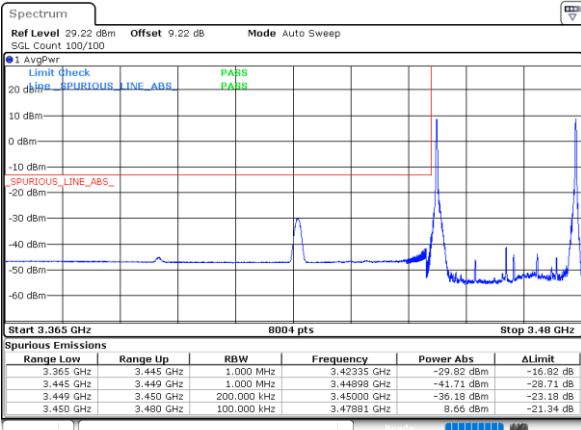


LTE Band 42C / 20MHz+10MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

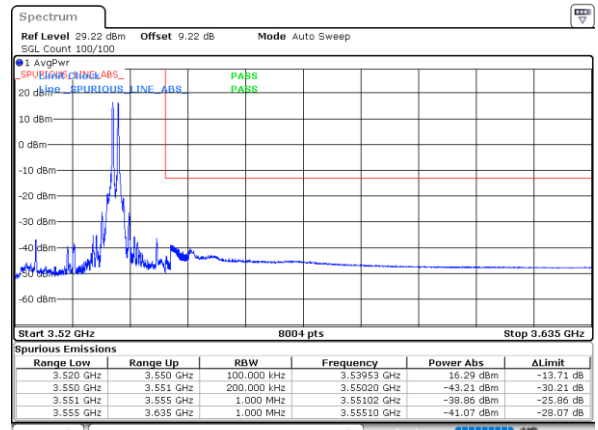
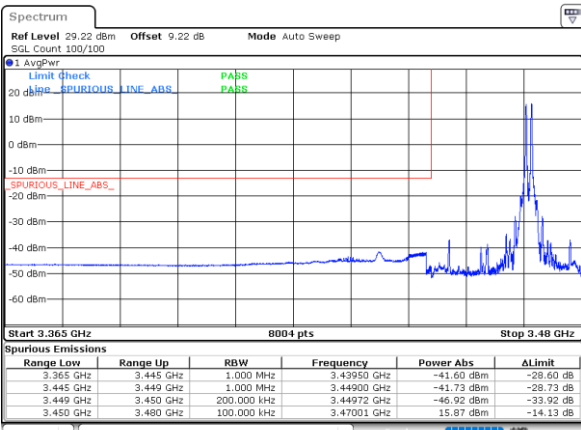


Date: 2.APR.2024 19:04:16

Date: 2.APR.2024 19:27:48

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

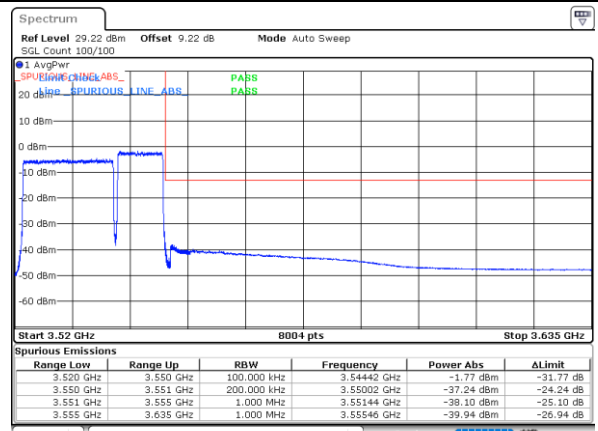
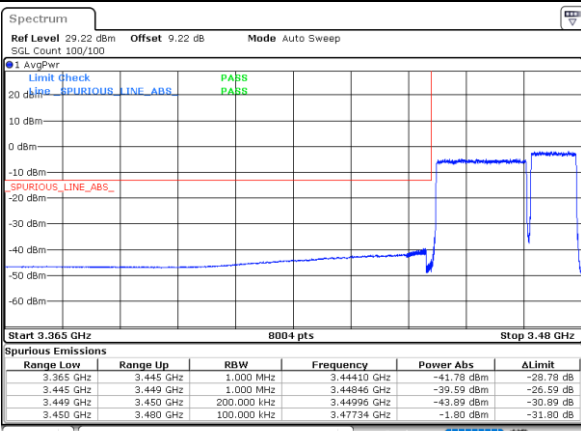


Date: 2.APR.2024 18:58:58

Date: 2.APR.2024 19:22:09

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 2.APR.2024 19:10:15

Date: 2.APR.2024 19:33:27

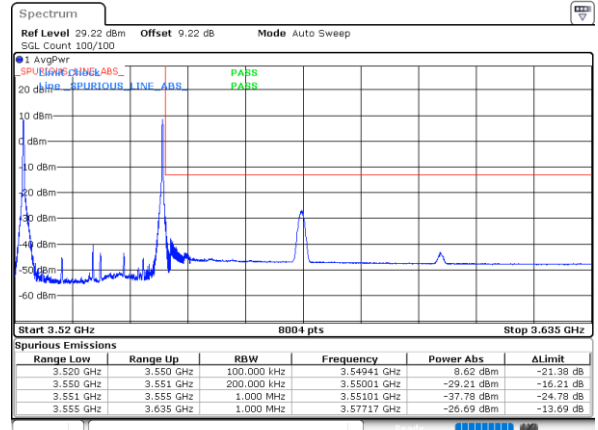
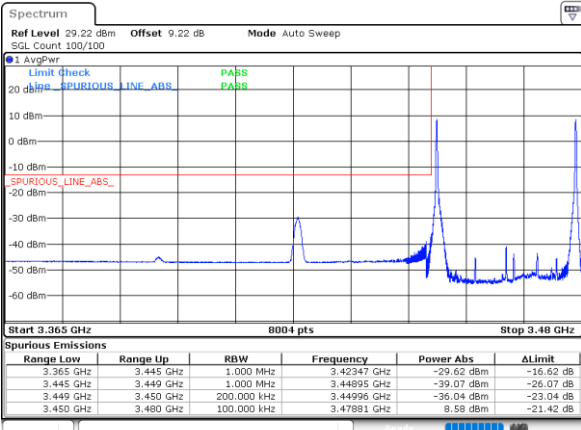


LTE Band 42C / 20MHz+10MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

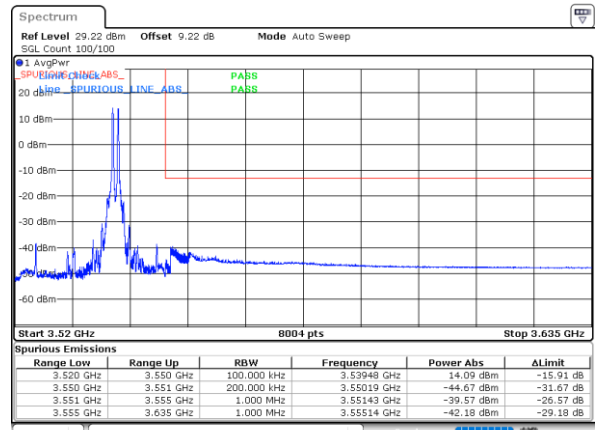
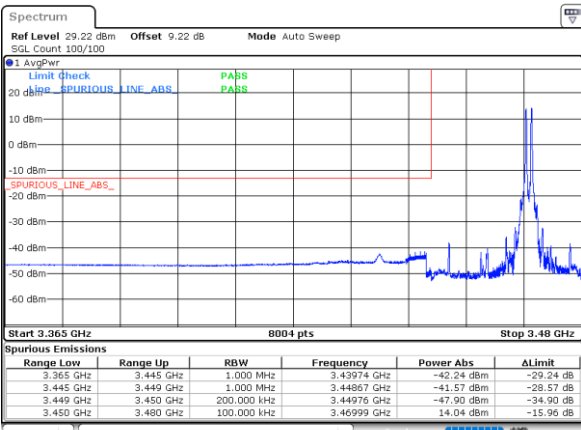


Date: 2.APR.2024 19:06:01

Date: 2.APR.2024 19:29:13

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

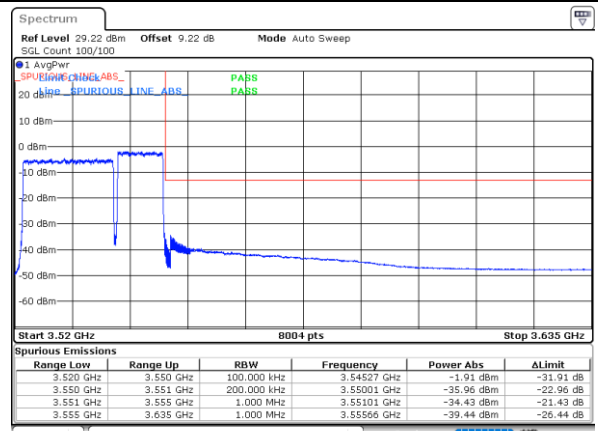
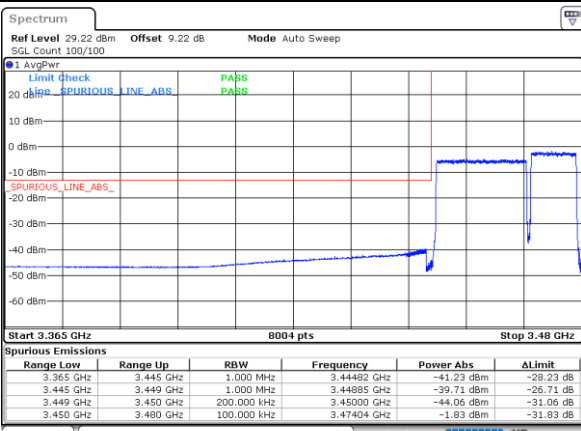


Date: 2.APR.2024 19:00:22

Date: 2.APR.2024 19:23:34

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 2.APR.2024 19:11:39

Date: 2.APR.2024 19:34:52

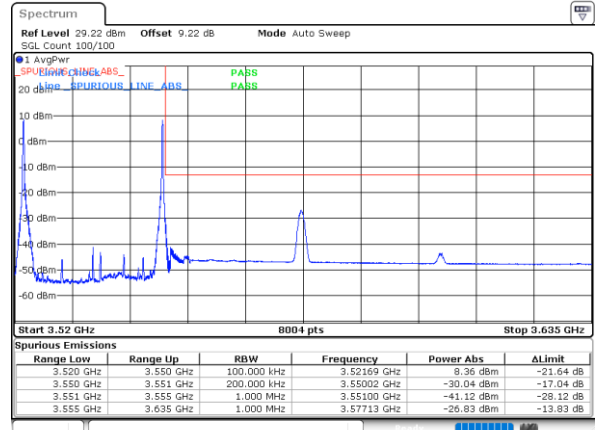
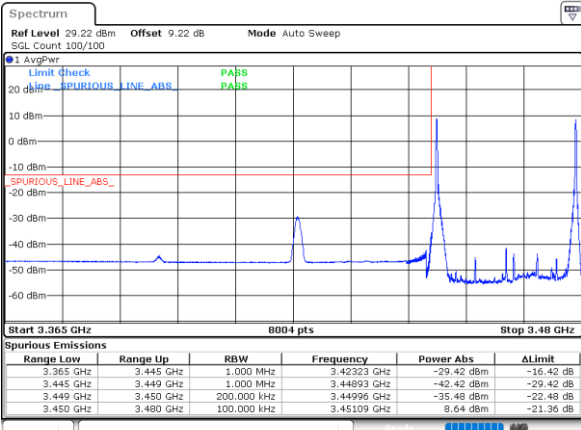


LTE Band 42C / 20MHz+10MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

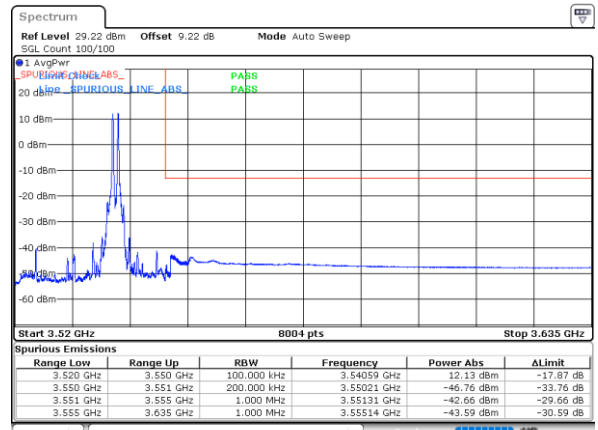
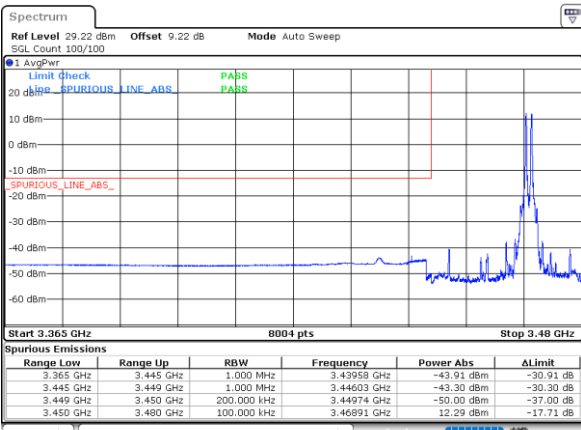


Date: 2.APR.2024 19:07:25

Date: 2.APR.2024 19:30:37

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

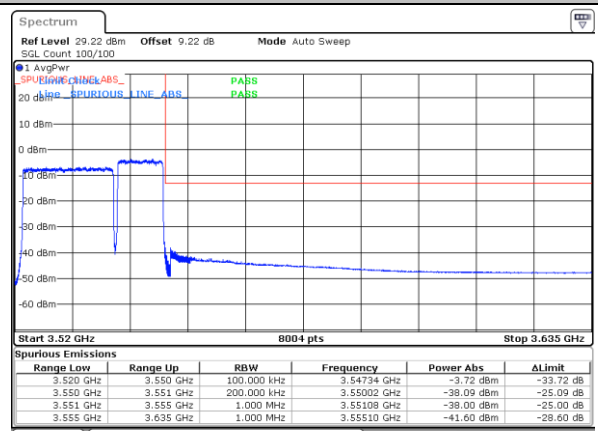
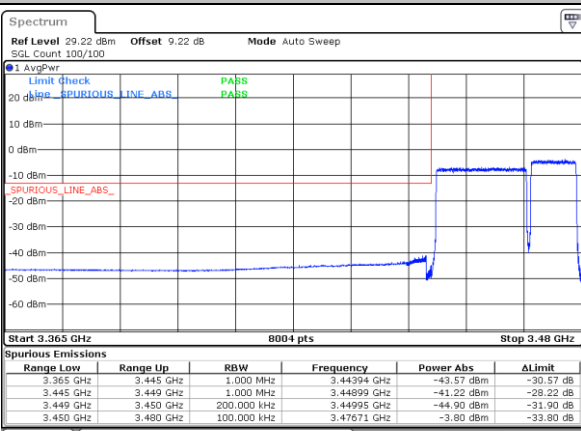


Date: 2.APR.2024 19:01:47

Date: 2.APR.2024 19:24:58

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 2.APR.2024 19:13:05

Date: 2.APR.2024 19:36:17

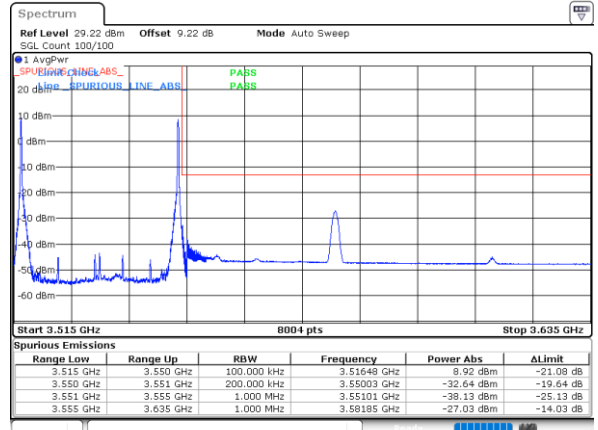
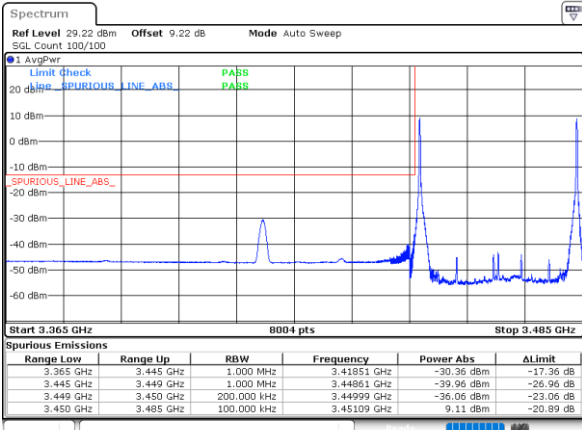


LTE Band 42C / 20MHz+15MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

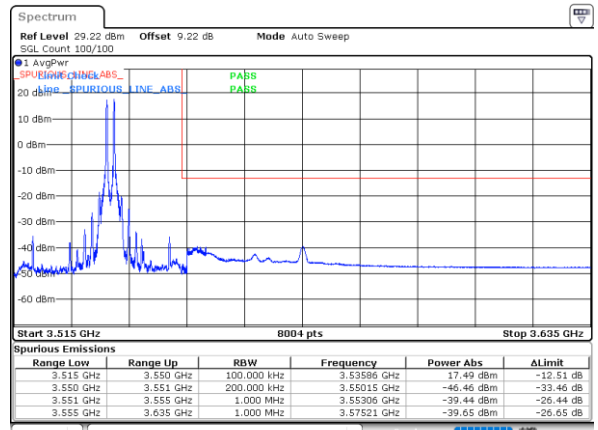
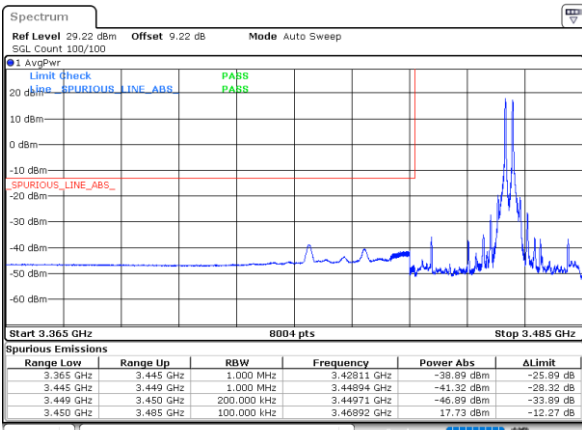


Date: 2.APR.2024 21:50:56

Date: 2.APR.2024 20:08:43

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

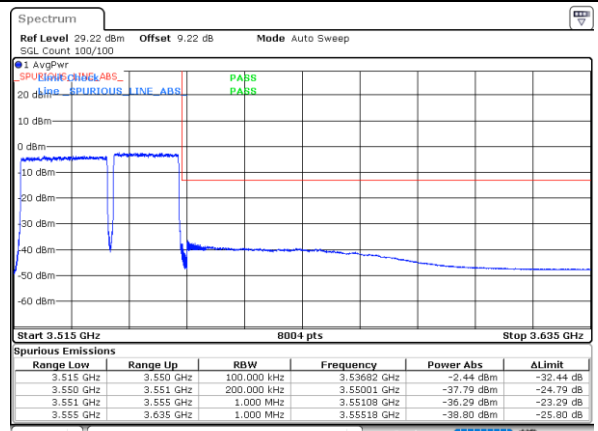
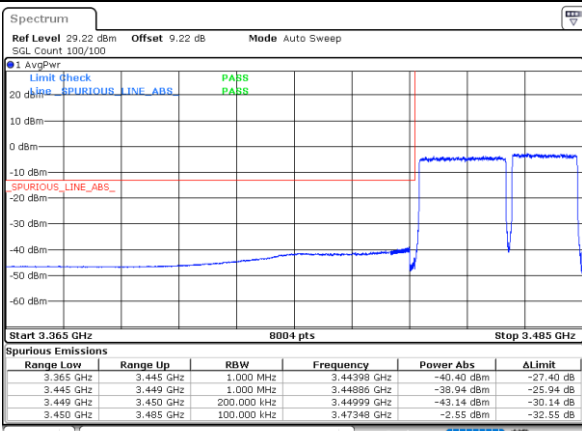


Date: 2.APR.2024 19:39:12

Date: 2.APR.2024 20:03:04

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 2.APR.2024 19:51:30

Date: 2.APR.2024 20:15:43

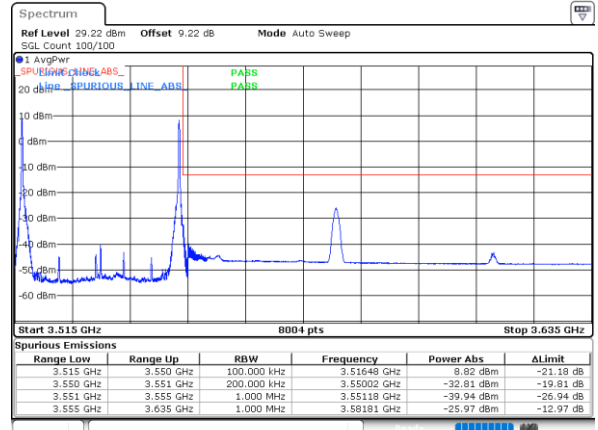
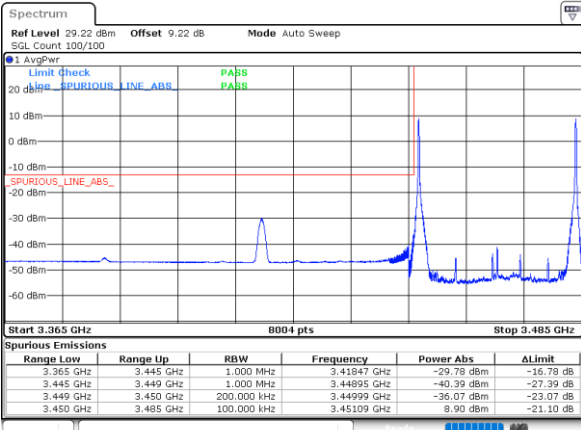


LTE Band 42C / 20MHz+15MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

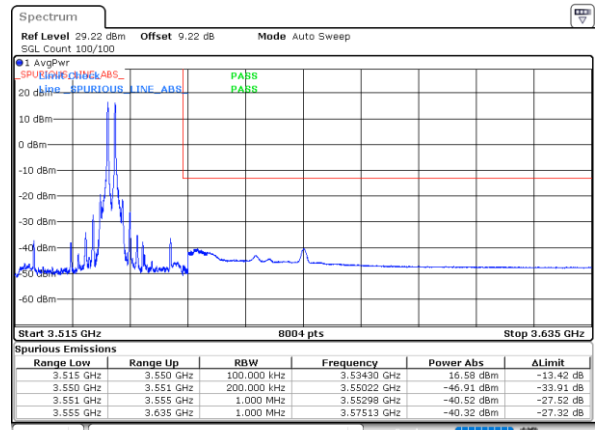
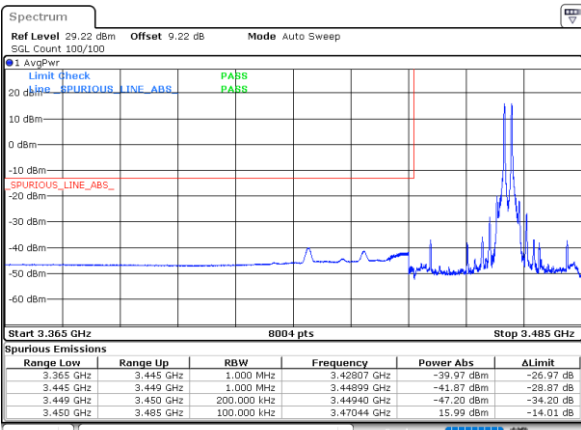


Date: 2.APR.2024 21:52:20

Date: 2.APR.2024 20:10:09

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

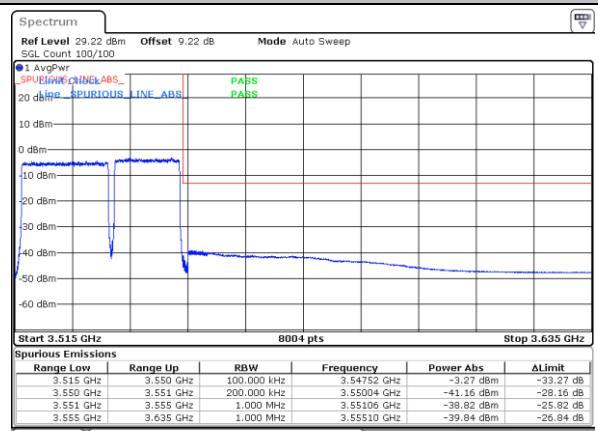
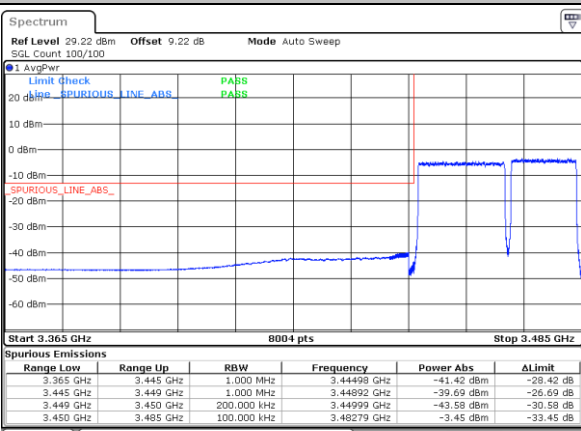


Date: 2.APR.2024 19:40:37

Date: 2.APR.2024 20:04:29

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 2.APR.2024 19:52:57

Date: 2.APR.2024 20:17:09

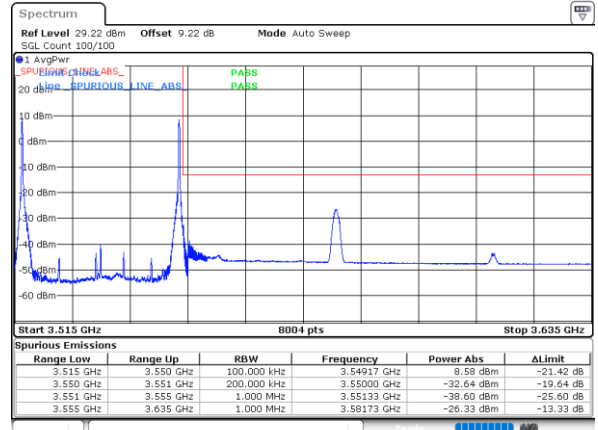
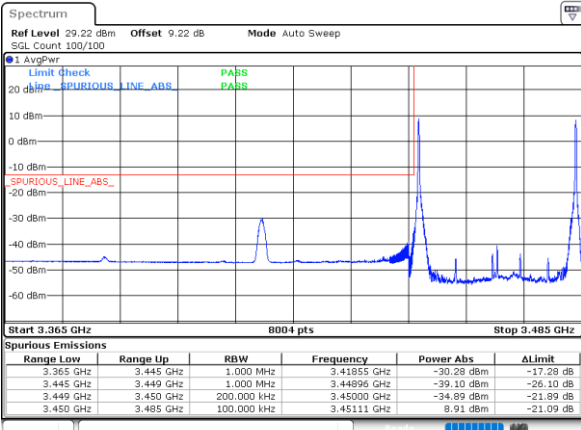


LTE Band 42C / 20MHz+15MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

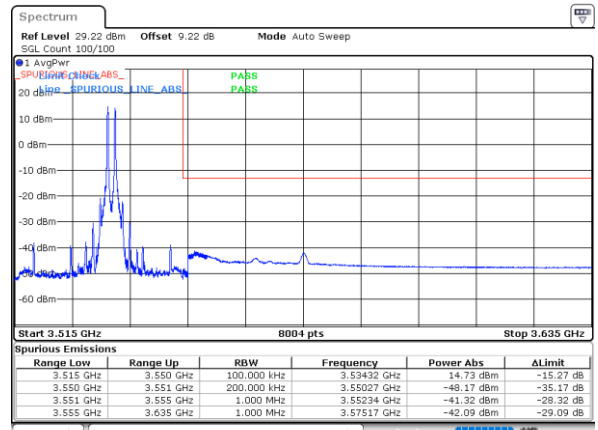
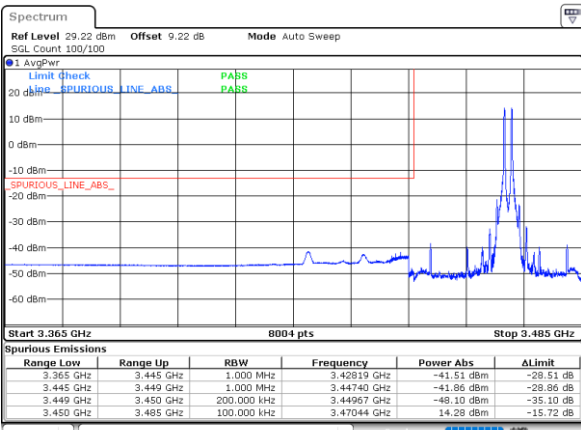


Date: 2.APR.2024 21:53:45

Date: 2.APR.2024 20:11:33

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

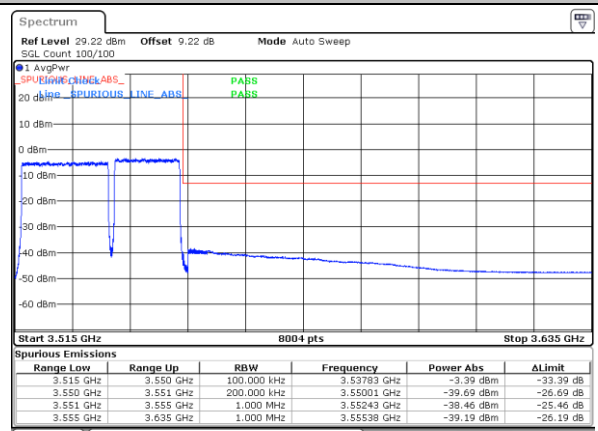
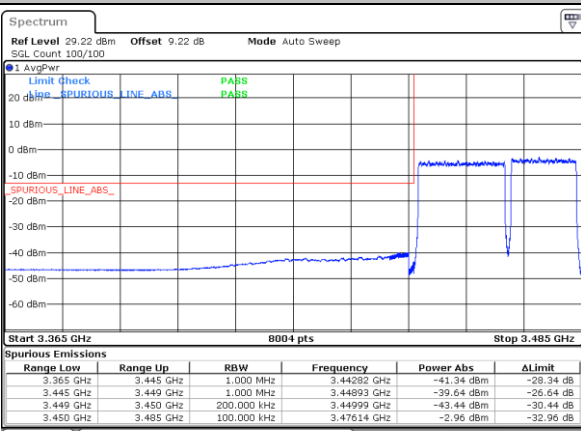


Date: 2.APR.2024 19:42:02

Date: 2.APR.2024 20:05:54

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 2.APR.2024 19:54:22

Date: 2.APR.2024 20:18:33

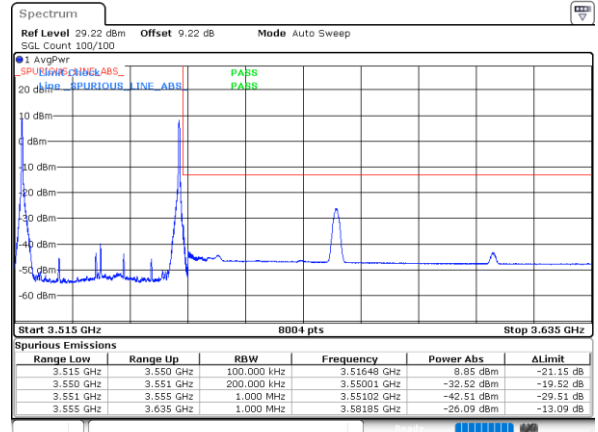
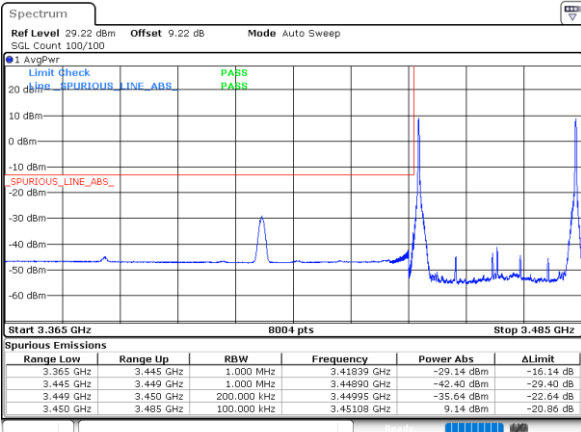


LTE Band 42C / 20MHz+15MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

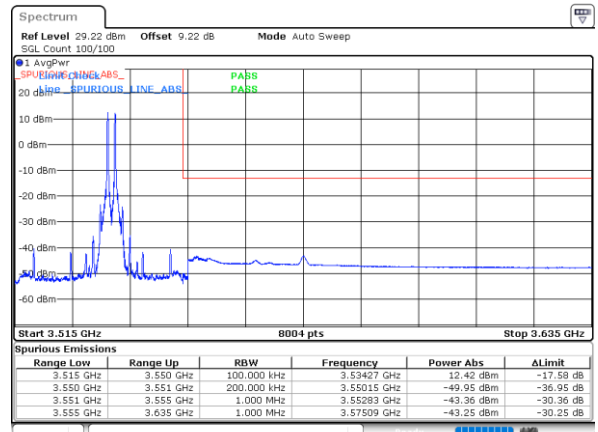
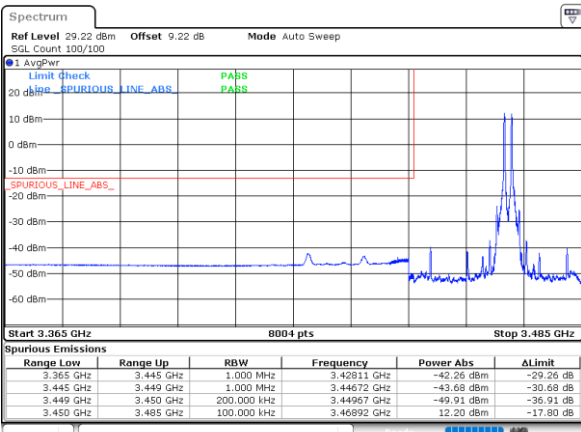


Date: 2.APR.2024 21:55:10

Date: 2.APR.2024 20:12:57

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

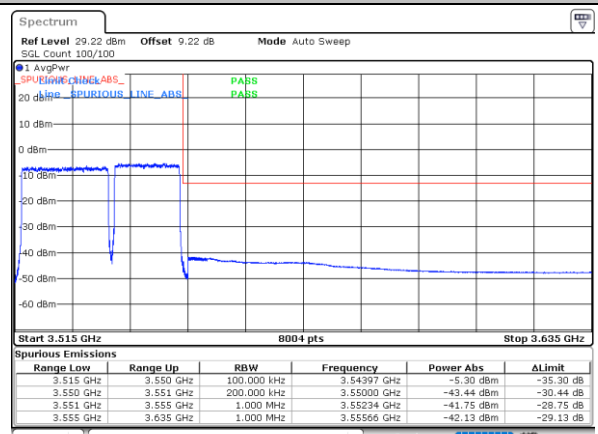
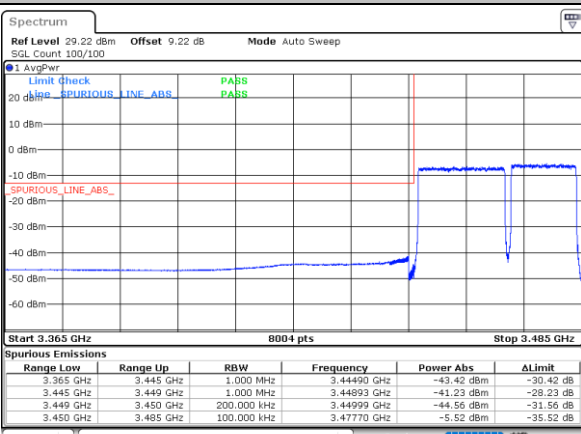


Date: 2.APR.2024 19:43:27

Date: 2.APR.2024 20:07:18

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

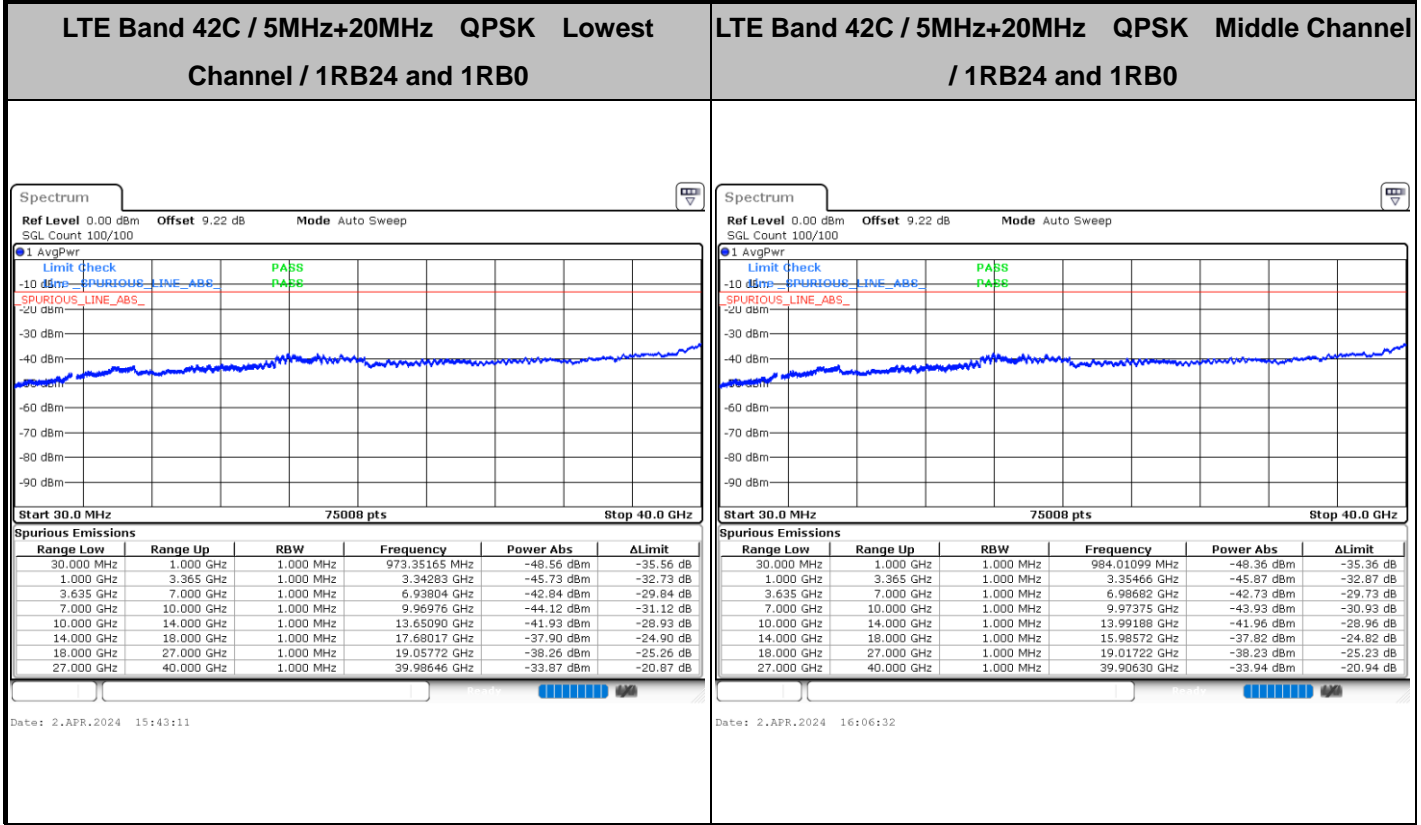


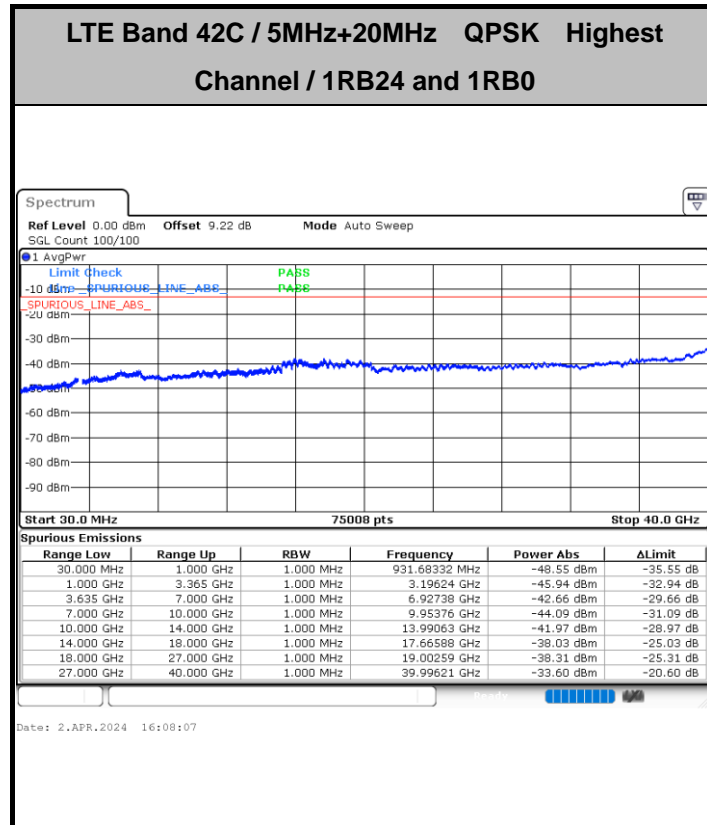
Date: 2.APR.2024 19:55:47

Date: 2.APR.2024 20:19:58



Conducted Spurious Emission

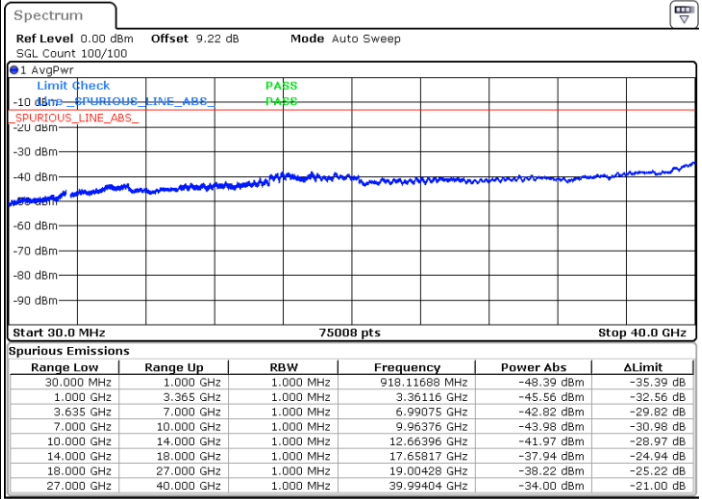
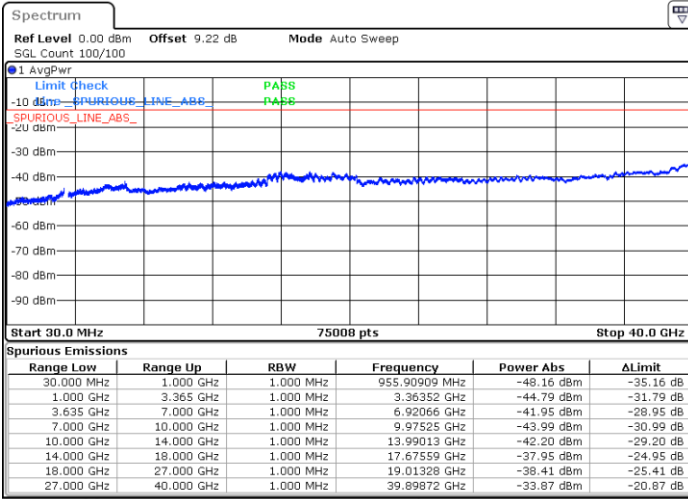






LTE Band 42C / 10MHz+20MHz QPSK Lowest Channel / 1RB49 and 1RB0

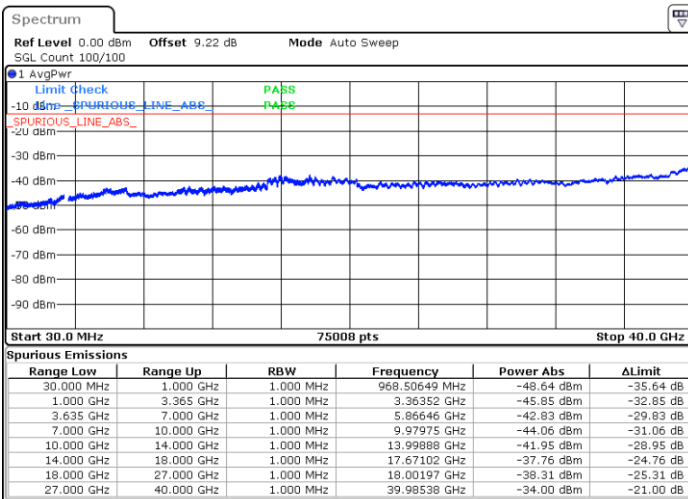
LTE Band 42C / 10MHz+20MHz QPSK Middle Channel / 1RB49 and 1RB0



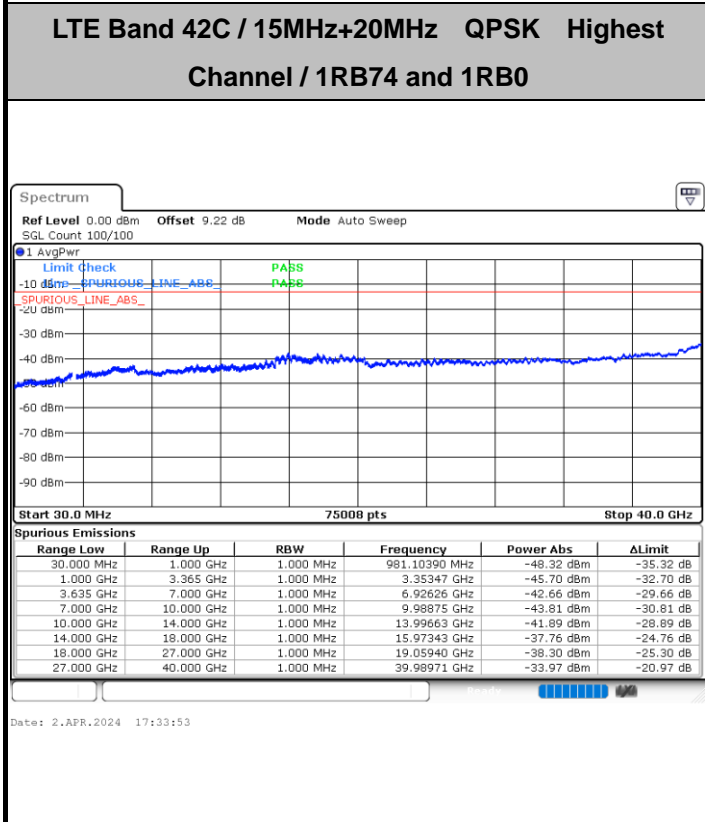
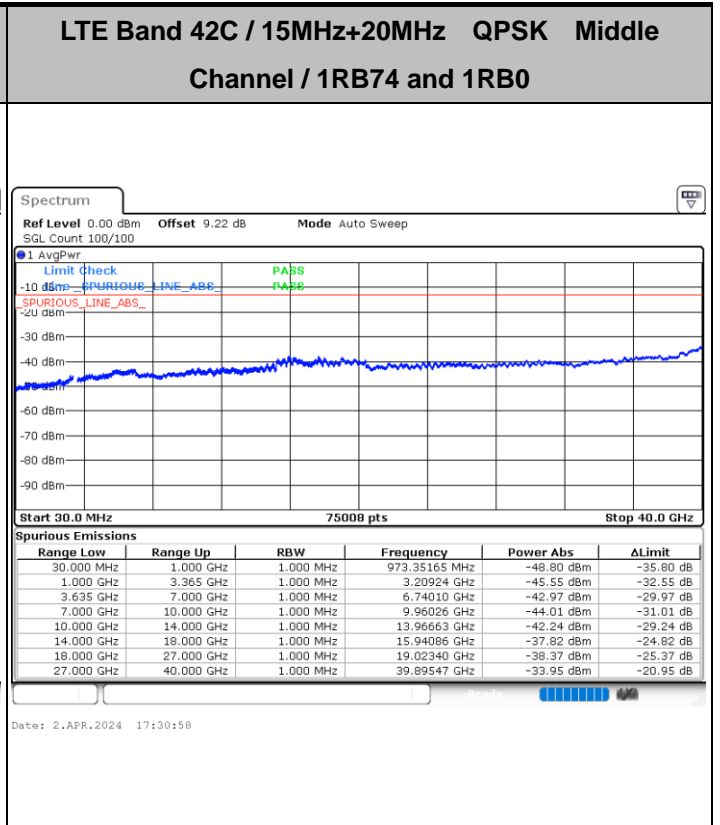
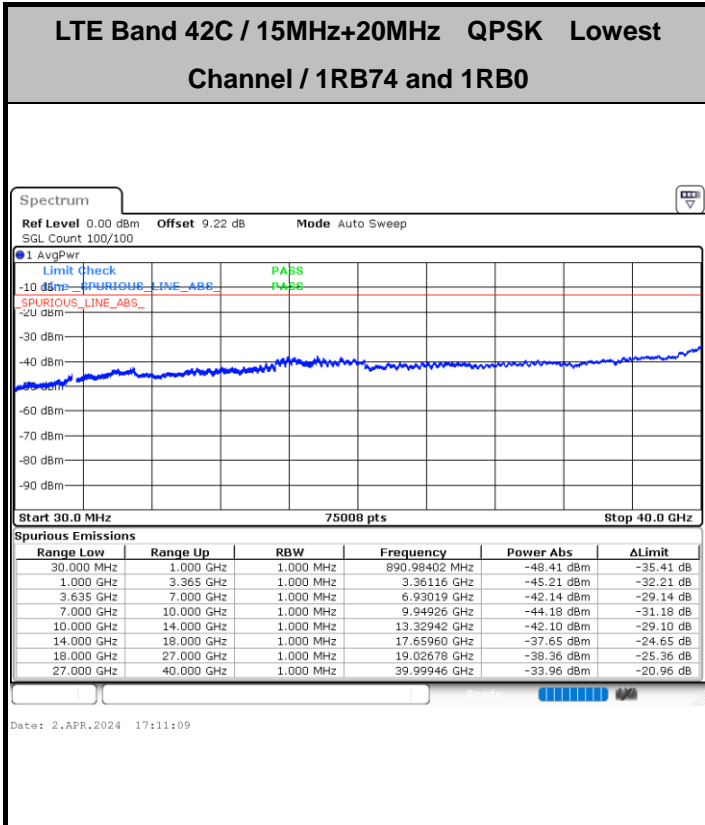
Date: 2.APR.2024 16:30:38

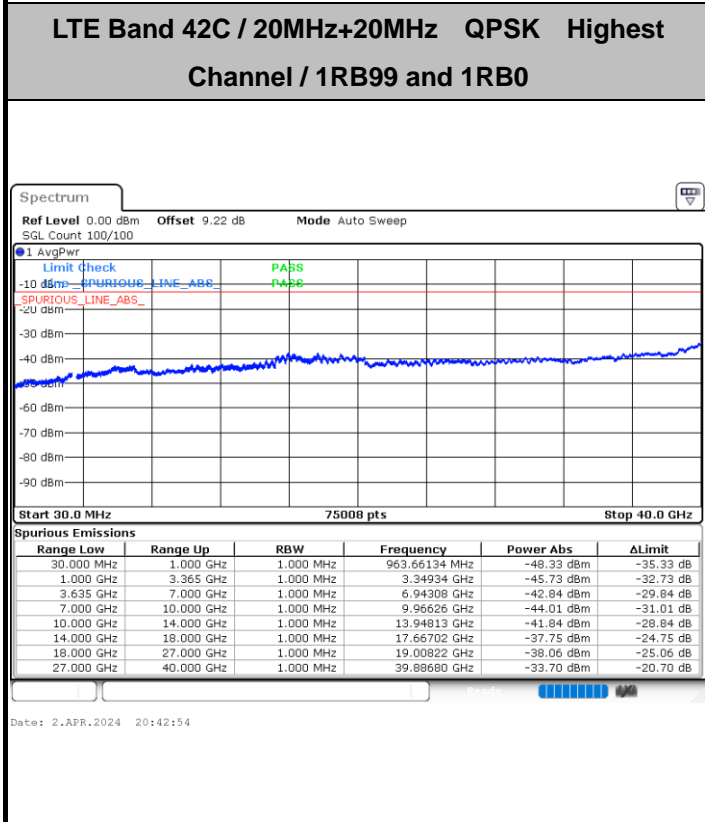
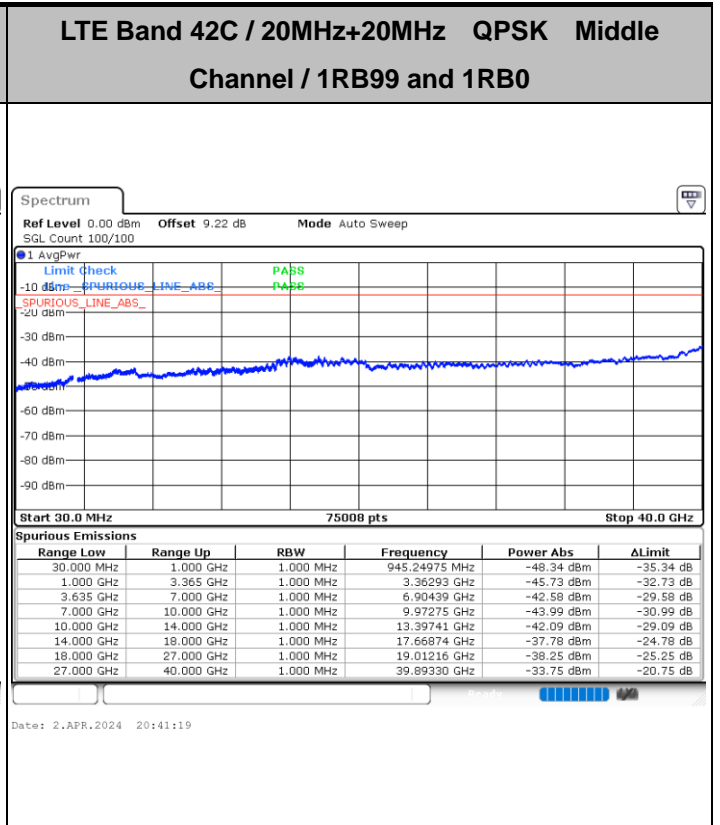
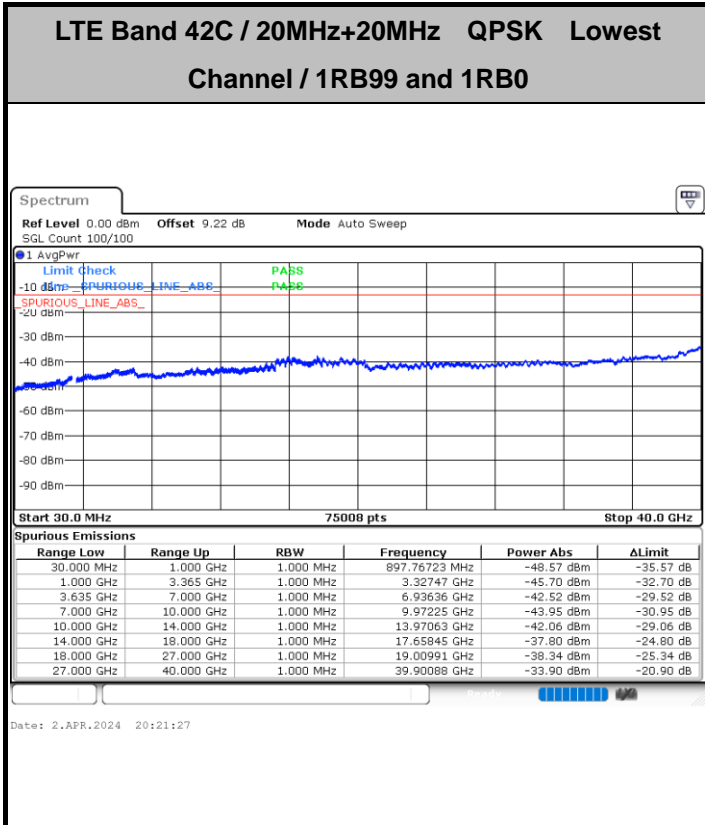
Date: 2.APR.2024 16:50:50

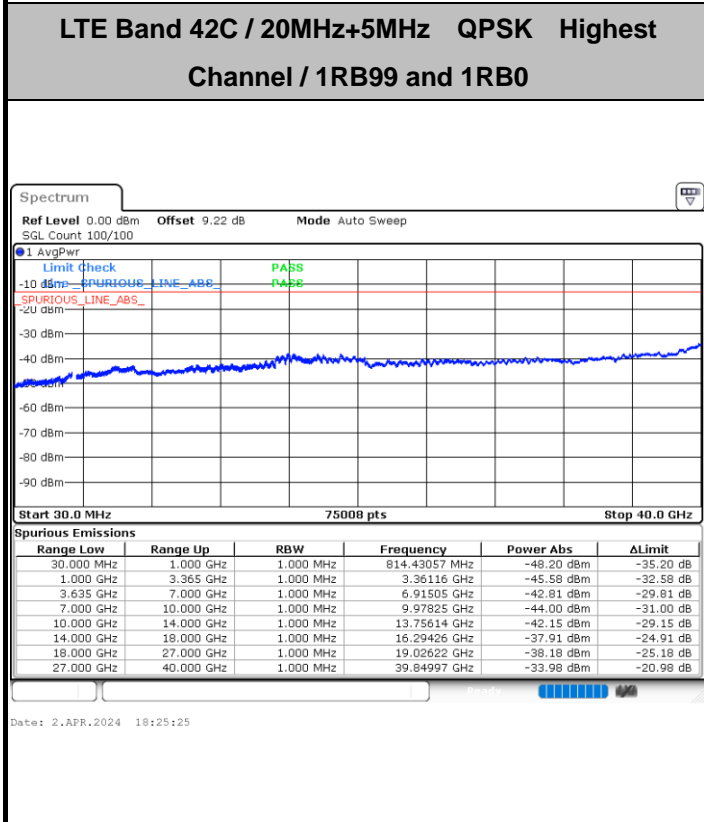
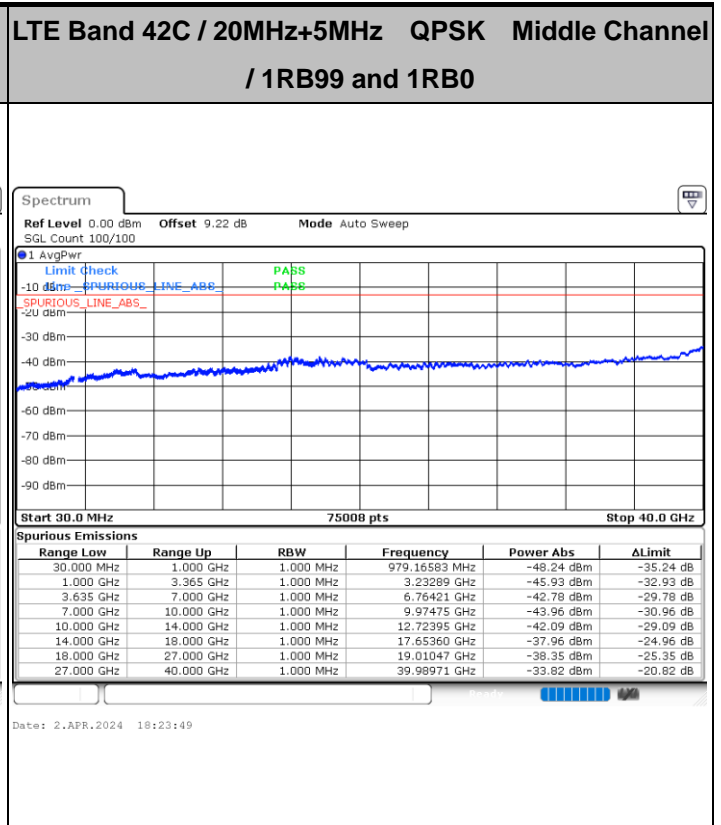
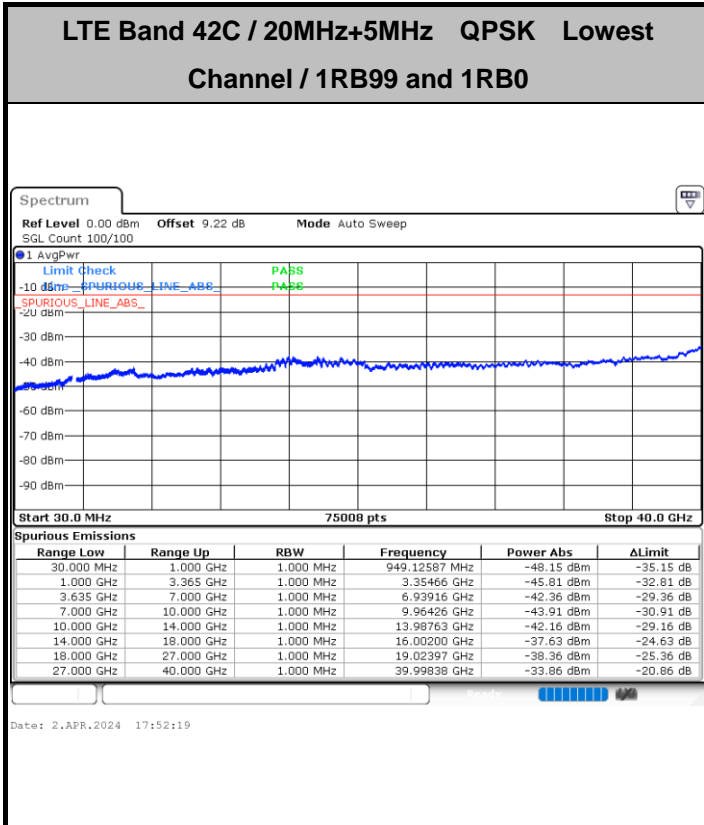
LTE Band 42C / 10MHz+20MHz QPSK Highest Channel / 1RB49 and 1RB0

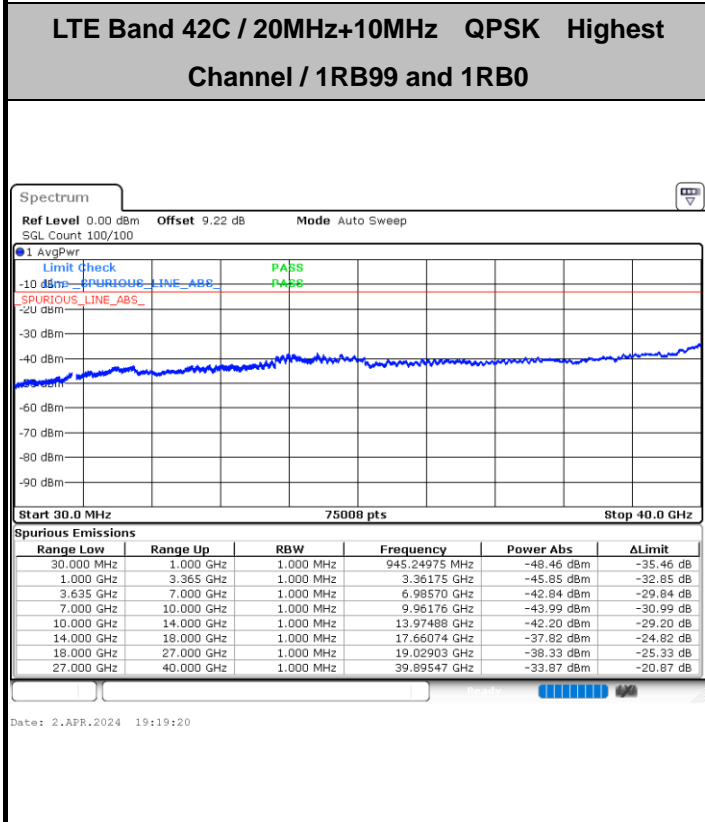
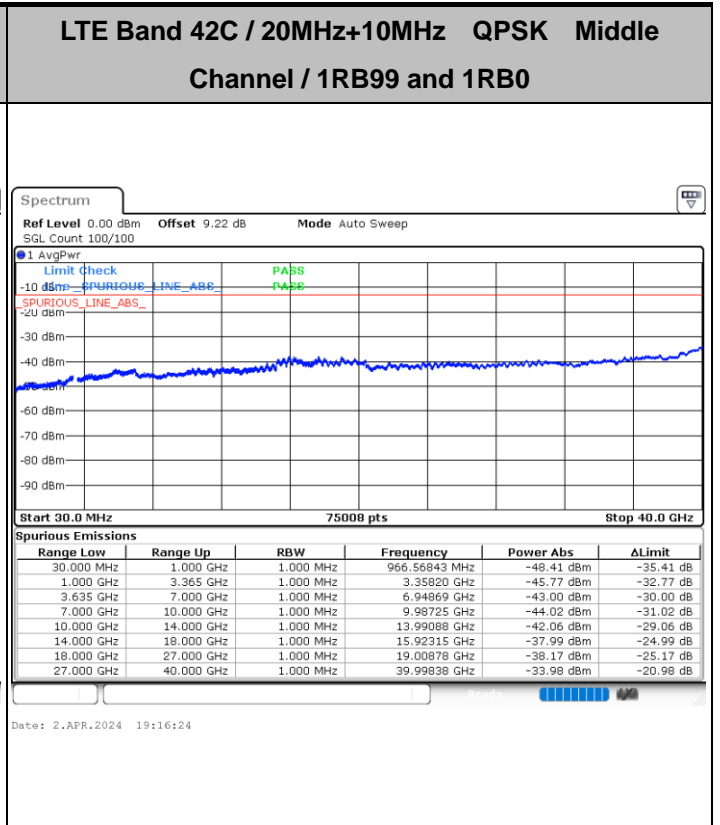
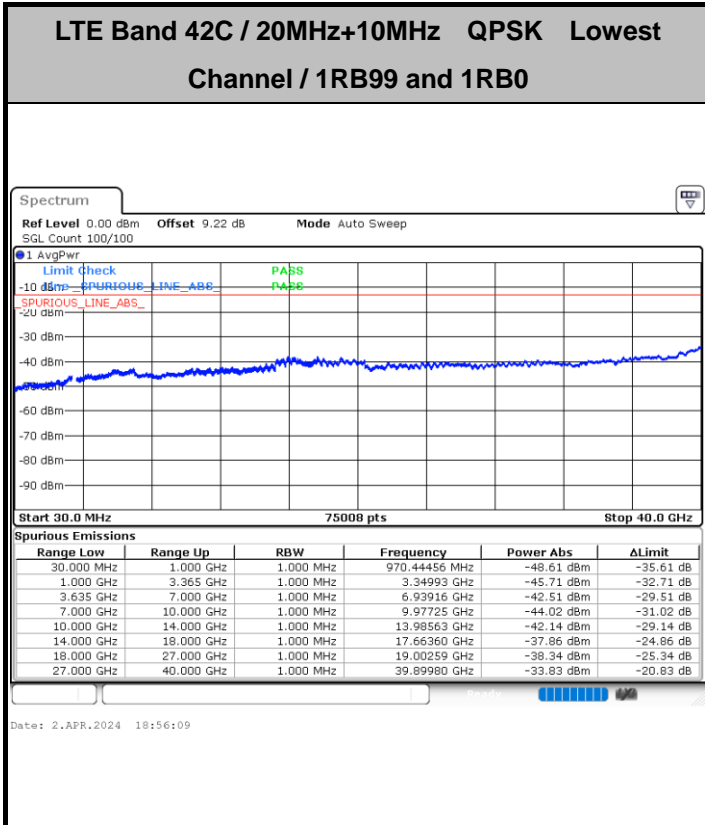


Date: 2.APR.2024 16:52:25





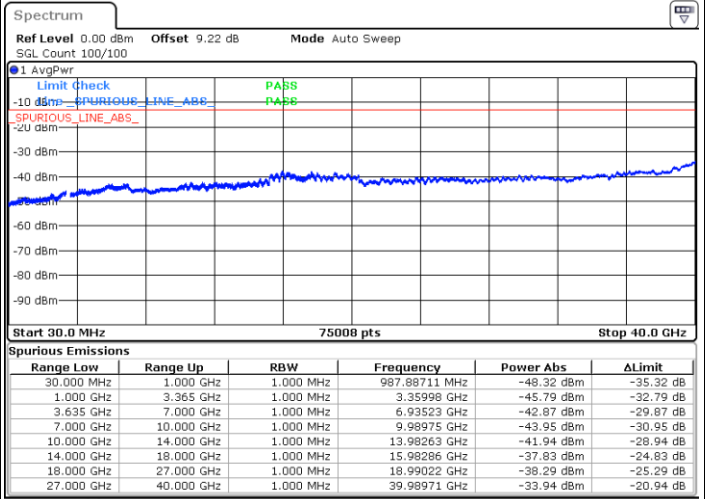
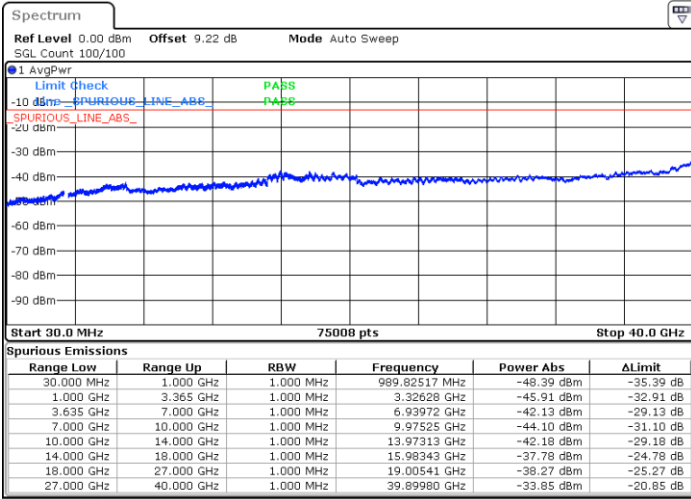






LTE Band 42C / 20MHz+15MHz QPSK Lowest Channel / 1RB99 and 1RB0

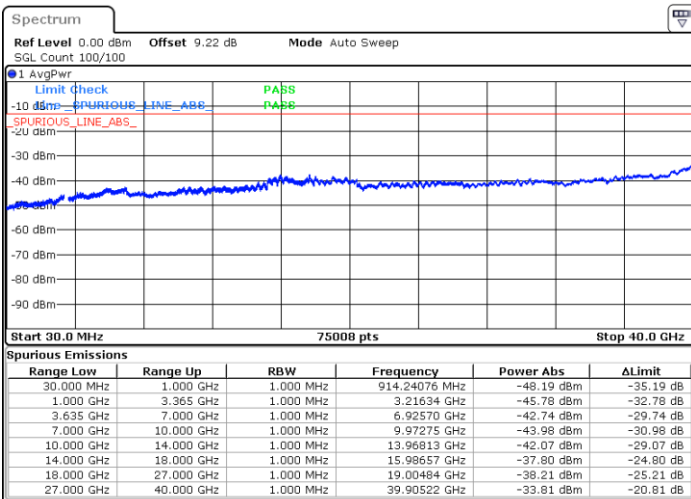
LTE Band 42C / 20MHz+15MHz QPSK Middle Channel / 1RB99 and 1RB0



Date: 2.APR.2024 19:37:48

Date: 2.APR.2024 19:58:44

LTE Band 42C / 20MHz+15MHz QPSK Highest Channel / 1RB99 and 1RB0



Date: 2.APR.2024 20:01:39

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	0.0012	PASS
40	Normal Voltage	0.0038	
30	Normal Voltage	0.0031	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0024	
0	Normal Voltage	0.0016	
-10	Normal Voltage	0.0019	
-20	Normal Voltage	0.0004	
-30	Normal Voltage	0.0007	
20	Maximum Voltage	0.0051	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0046	

Note:

1. Normal Voltage =3.88 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.48 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%

Note: Pre-scanned harmonic for the different antennas, we choose the worst antenna mode to perform final test and record in the report.

LTE Band 42 / 20MHz / QPSK / Ant. 6								
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	-50.74	-13	-37.74	-60.95	3.03	13.24	H
	10476	-52.89	-13	-39.89	-62.34	3.56	13.01	H
	13968	-60.50	-13	-47.50	-70.02	3.92	13.44	H
	6984	-56.62	-13	-43.62	-66.83	3.03	13.24	V
	10476	-53.97	-13	-40.97	-63.42	3.56	13.01	V
	13968	-60.53	-13	-47.53	-70.05	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 / Ant. 6									
Channel	Condition	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	PCC	6960	-51.00	-13	-38.00	-61.21	3.03	13.24	H
		10440	-55.81	-13	-42.81	-65.26	3.56	13.01	H
		13920	-60.52	-13	-47.52	-70.04	3.92	13.44	H
		6960	-52.59	-13	-39.59	-62.80	3.03	13.24	V
		10440	-57.64	-13	-44.64	-67.09	3.56	13.01	V
		13920	-60.47	-13	-47.47	-69.99	3.92	13.44	V
	SCC	6996	-62.79	-13	-49.79	-73.00	3.03	13.24	H
		10500	-60.32	-13	-47.32	-69.77	3.56	13.01	H
		14004	-60.72	-13	-47.72	-70.24	3.92	13.44	H
		6996	-62.66	-13	-49.66	-72.87	3.03	13.24	V
		10500	-60.92	-13	-47.92	-70.37	3.56	13.01	V
		14004	-61.16	-13	-48.16	-70.68	3.92	13.44	V

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