

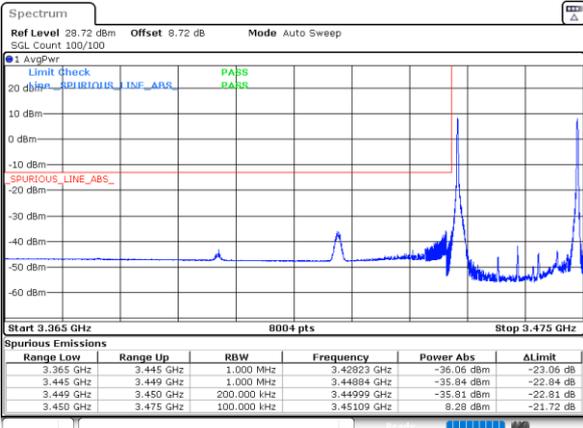


LTE Band 42C / 20MHz+5MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB24

Highest Band Edge / 1RB0 and 1RB24

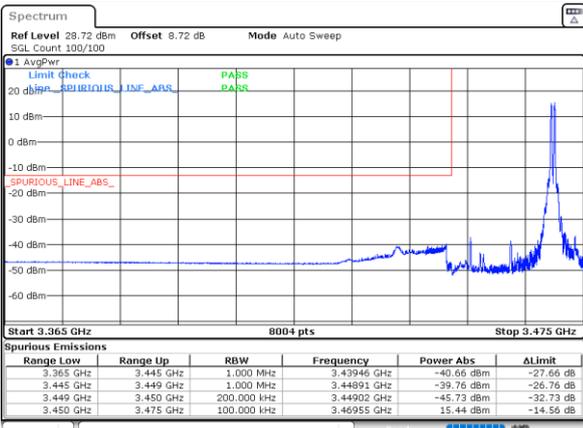


Date: 3.AUG.2024 15:52:07

Date: 3.AUG.2024 16:19:32

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

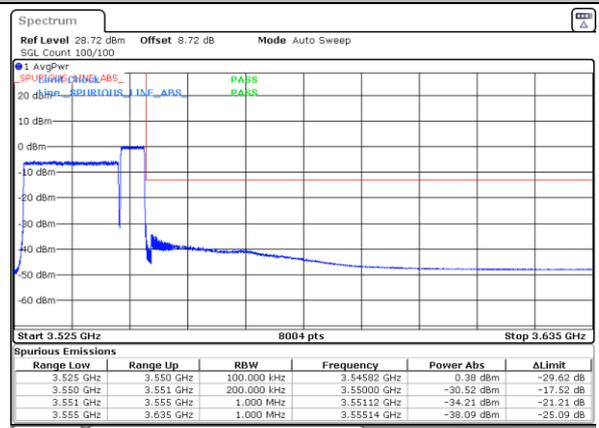
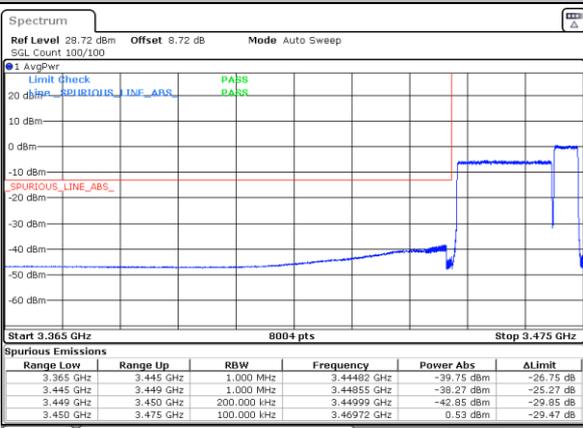


Date: 3.AUG.2024 15:47:10

Date: 3.AUG.2024 16:14:35

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 3.AUG.2024 15:58:15

Date: 3.AUG.2024 16:24:29

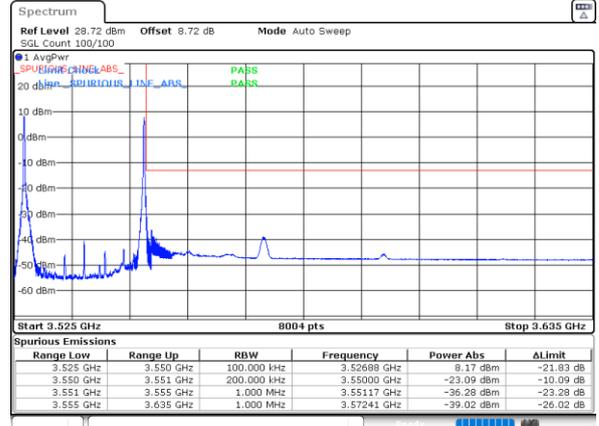
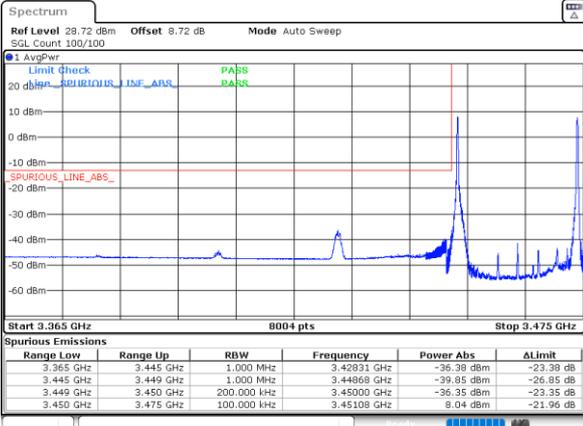


LTE Band 42C / 20MHz+5MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB24

Highest Band Edge / 1RB0 and 1RB24

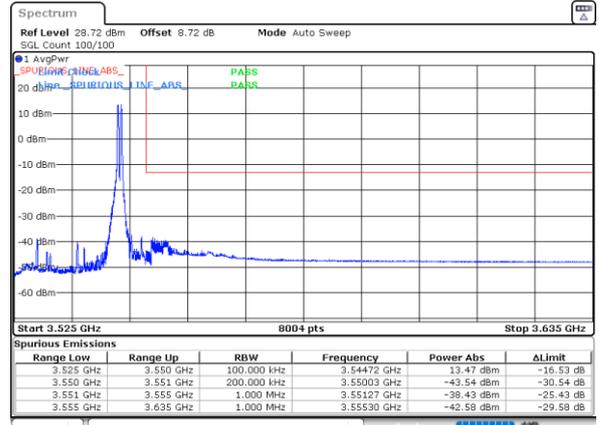
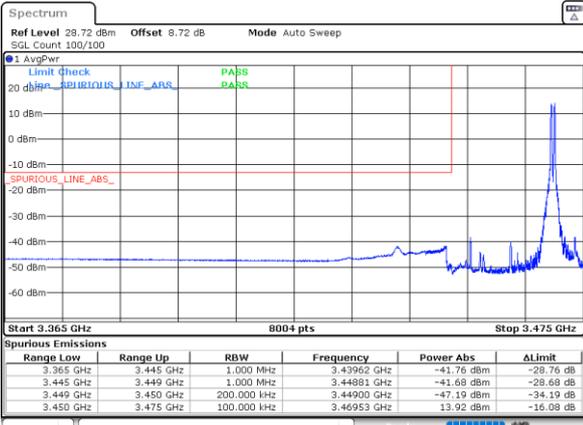


Date: 3.AUG.2024 15:53:21

Date: 3.AUG.2024 16:20:46

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

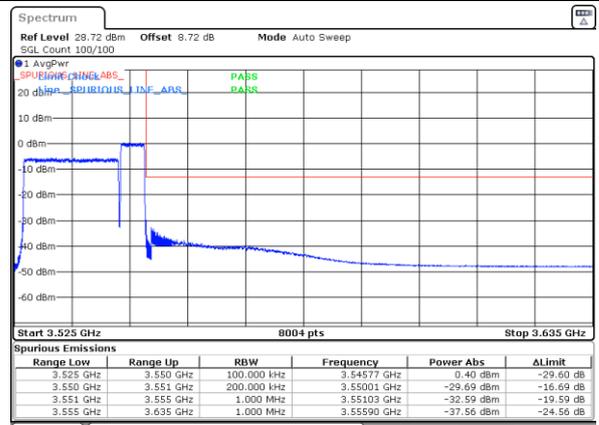
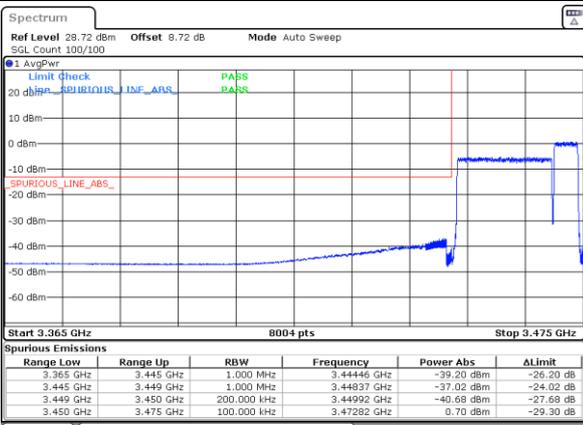


Date: 3.AUG.2024 15:48:24

Date: 3.AUG.2024 16:15:49

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 3.AUG.2024 15:59:29

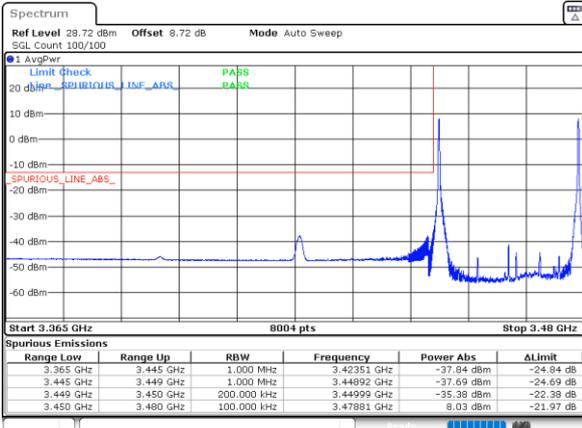
Date: 3.AUG.2024 16:25:43



LTE Band 42C / 20MHz+10MHz

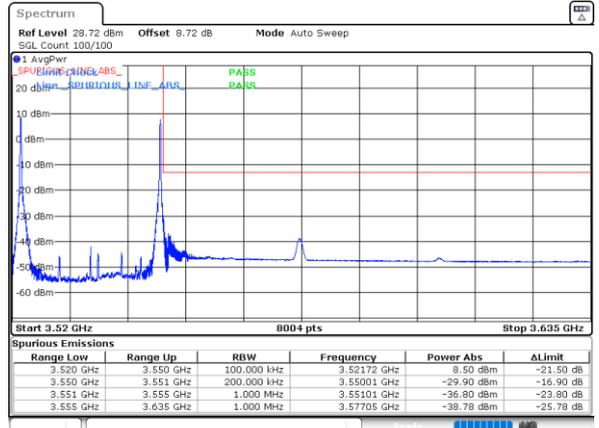
QPSK

Lowest Band Edge / 1RB0 and 1RB49



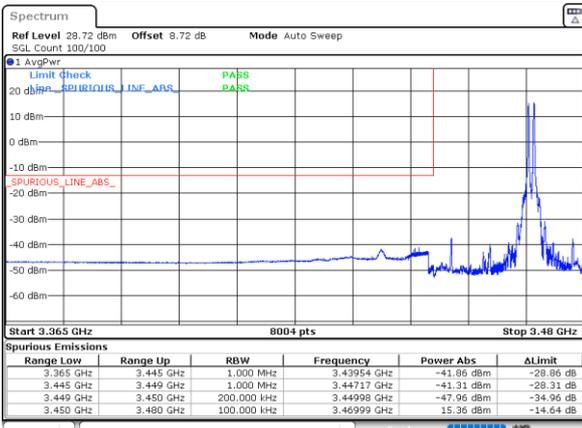
Date: 3.AUG.2024 16:13:18

Highest Band Edge / 1RB0 and 1RB49



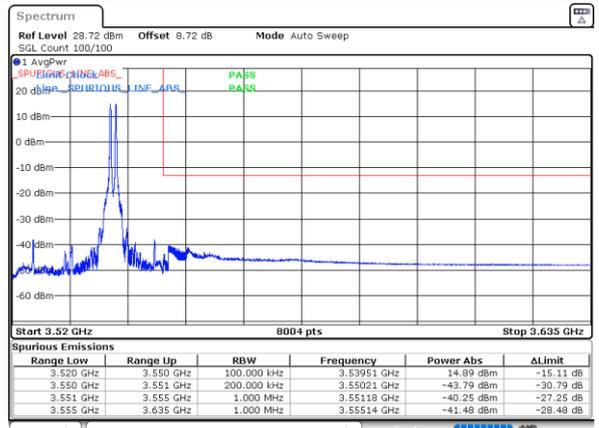
Date: 3.AUG.2024 18:33:52

Lowest Band Edge / 1RB99 and 1RB0



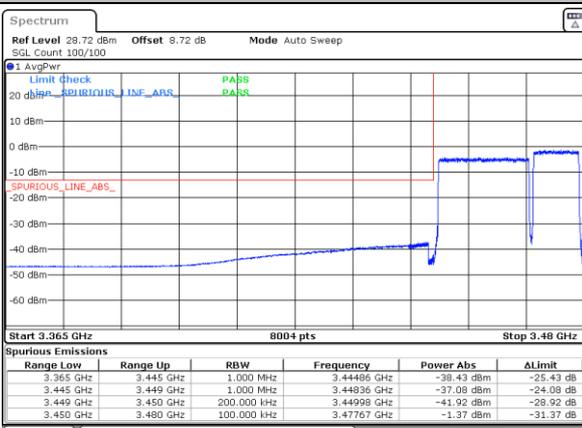
Date: 3.AUG.2024 16:12:41

Highest Band Edge / 1RB99 and 1RB0



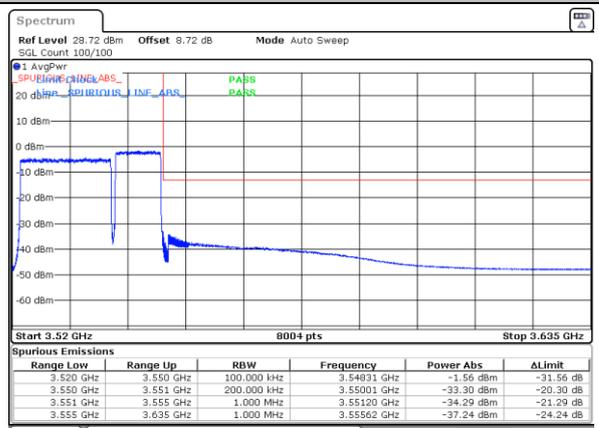
Date: 3.AUG.2024 18:28:55

Lowest Band Edge / Full RB



Date: 3.AUG.2024 16:13:15

Highest Band Edge / Full RB



Date: 3.AUG.2024 18:38:49

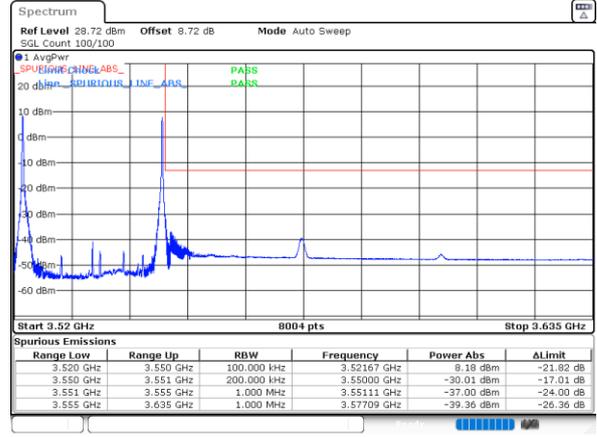
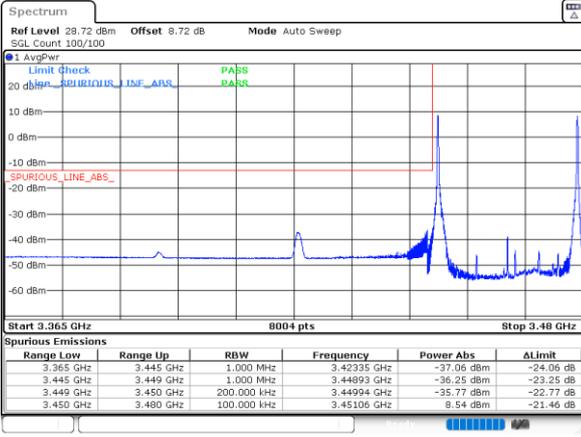


LTE Band 42C / 20MHz+10MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

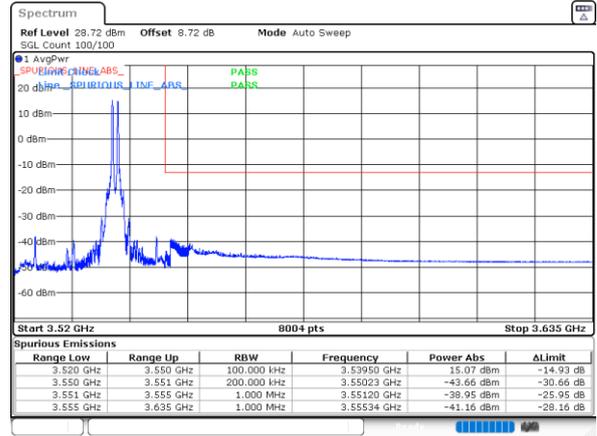
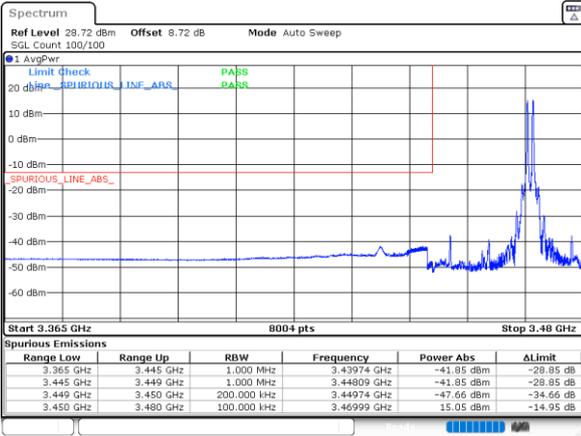


Date: 3.AUG.2024 16:35:52

Date: 3.AUG.2024 18:35:06

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

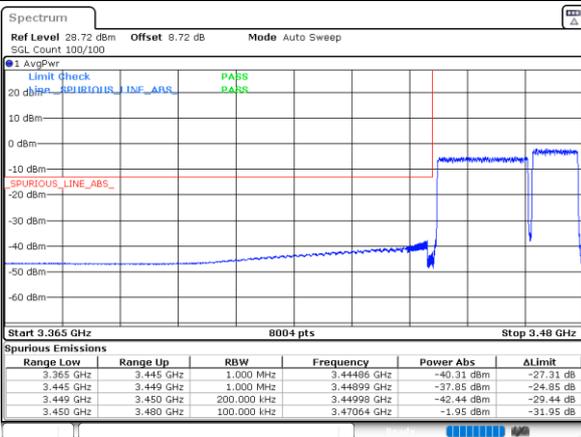


Date: 3.AUG.2024 16:30:55

Date: 3.AUG.2024 18:30:09

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 3.AUG.2024 16:40:49

Date: 3.AUG.2024 18:40:03

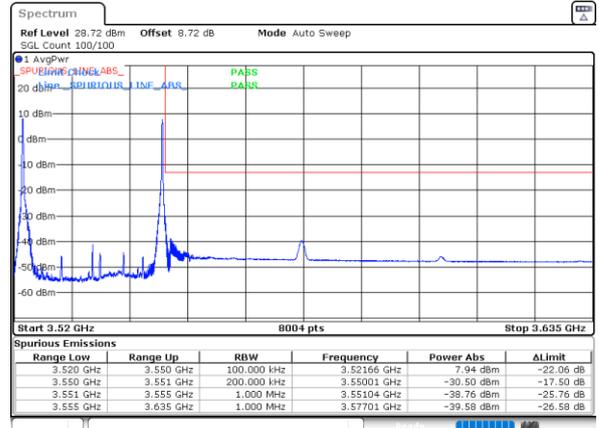
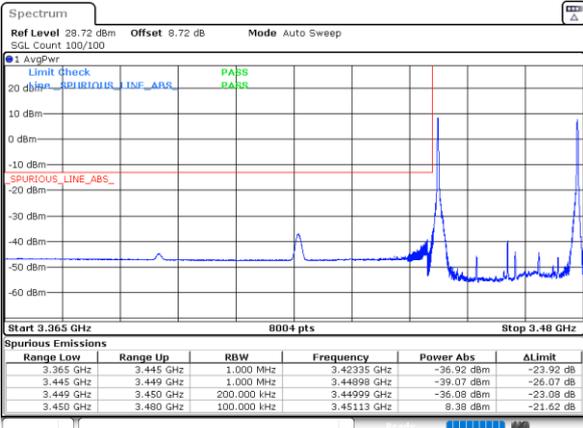


LTE Band 42C / 20MHz+10MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

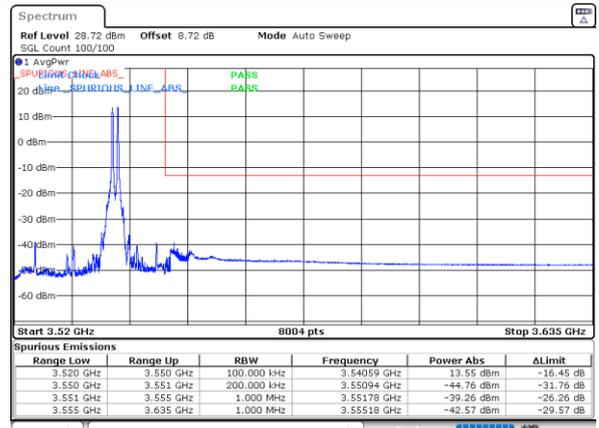
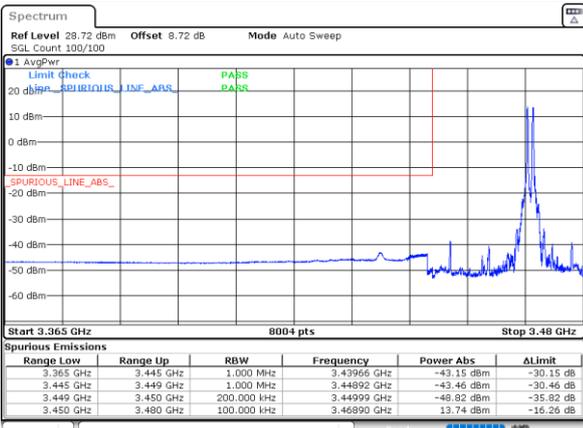


Date: 3.AUG.2024 16:37:06

Date: 3.AUG.2024 18:36:20

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

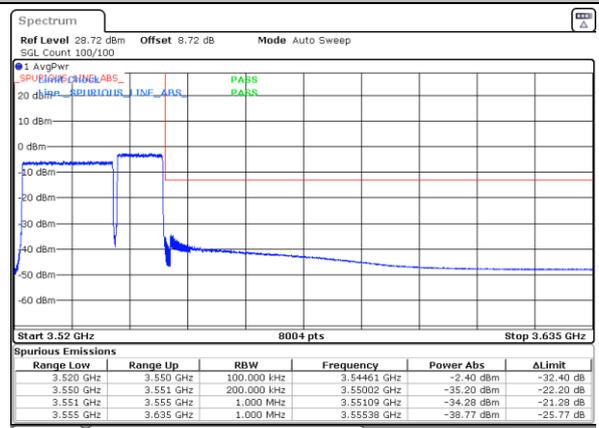
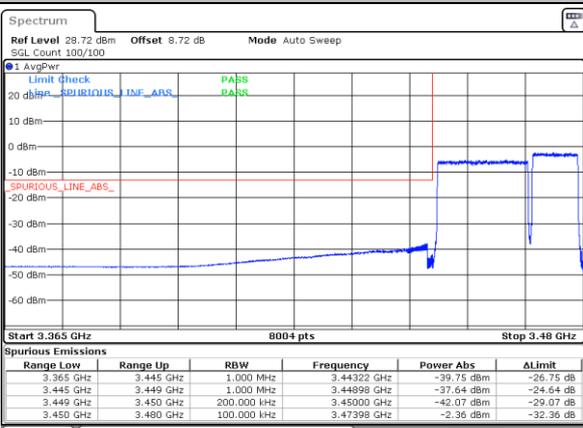


Date: 3.AUG.2024 16:32:09

Date: 3.AUG.2024 18:31:23

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 3.AUG.2024 16:42:03

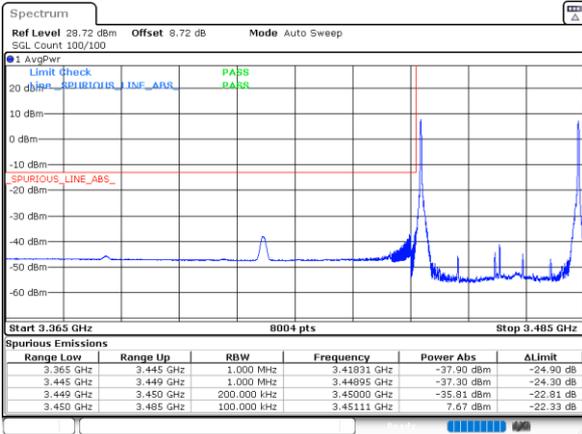
Date: 3.AUG.2024 18:41:17



LTE Band 42C / 20MHz+15MHz

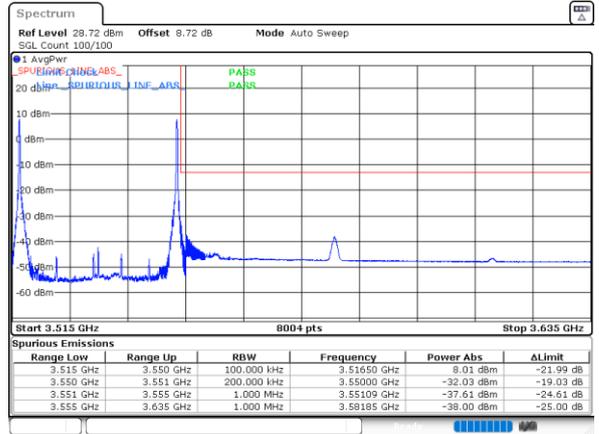
QPSK

Lowest Band Edge / 1RB0 and 1RB74



Date: 3.AUG.2024 18:50:12

Highest Band Edge / 1RB0 and 1RB74



Date: 4.AUG.2024 10:22:05

Lowest Band Edge / 1RB99 and 1RB0



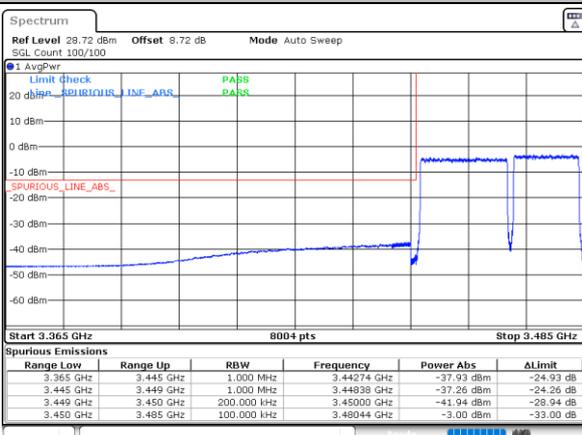
Date: 3.AUG.2024 18:45:15

Highest Band Edge / 1RB99 and 1RB0



Date: 4.AUG.2024 10:17:08

Lowest Band Edge / Full RB



Date: 4.AUG.2024 10:10:12

Highest Band Edge / Full RB



Date: 4.AUG.2024 10:27:02

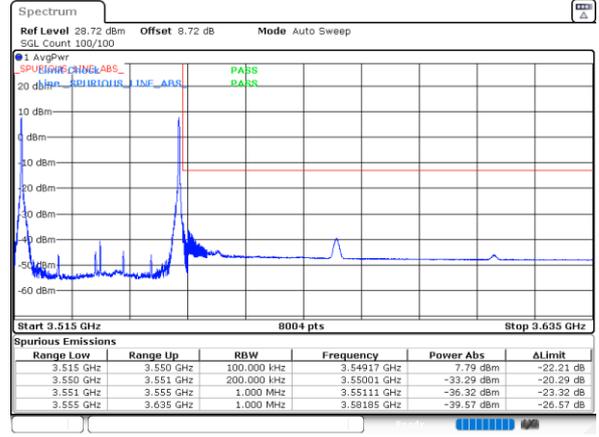
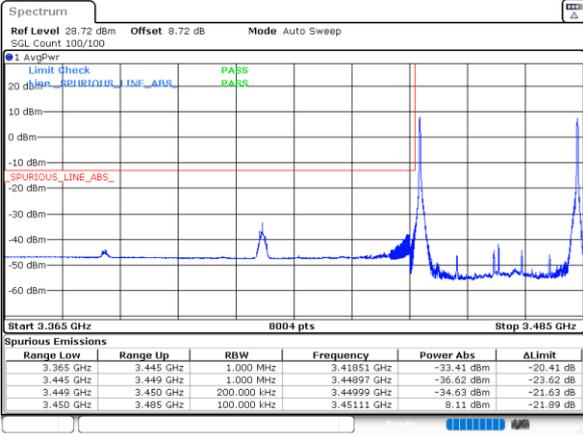


LTE Band 42C / 20MHz+15MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

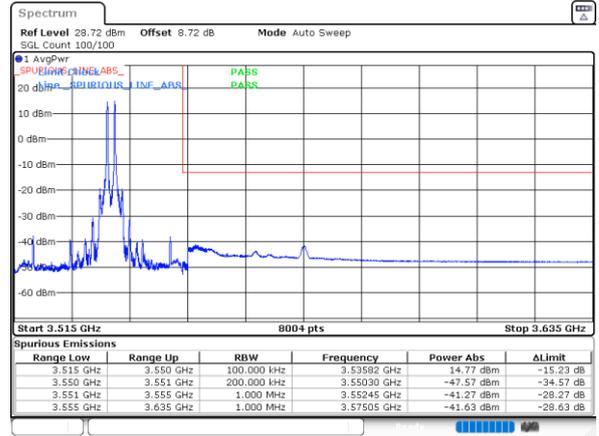
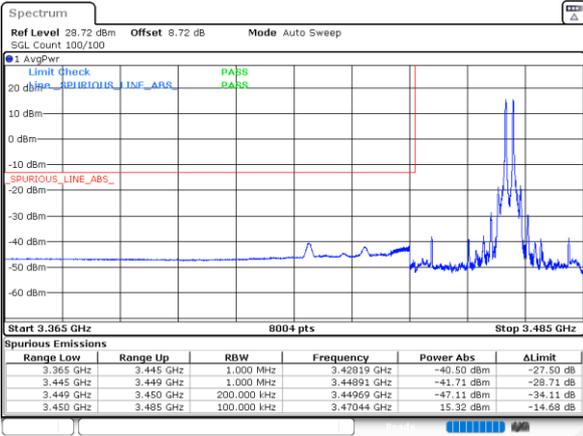


Date: 3.AUG.2024 18:51:26

Date: 4.AUG.2024 10:23:19

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

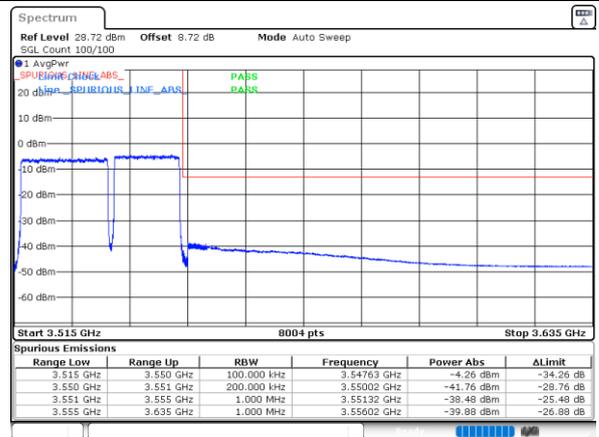
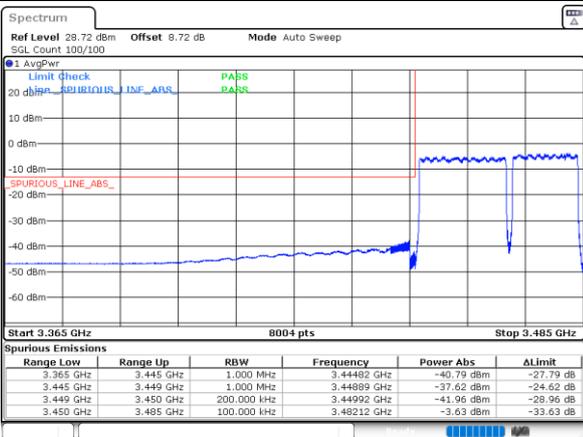


Date: 3.AUG.2024 18:46:29

Date: 4.AUG.2024 10:18:22

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 4.AUG.2024 10:07:26

Date: 4.AUG.2024 10:28:16

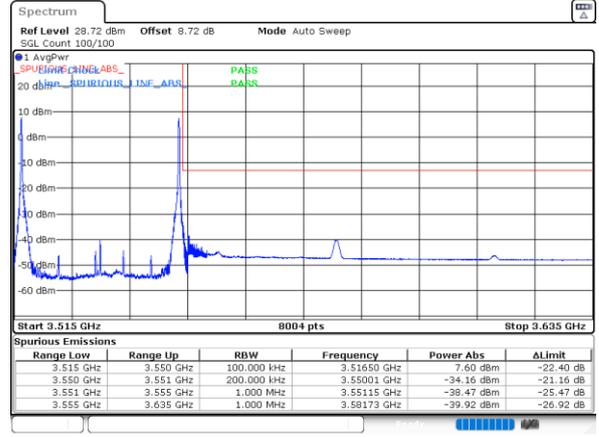
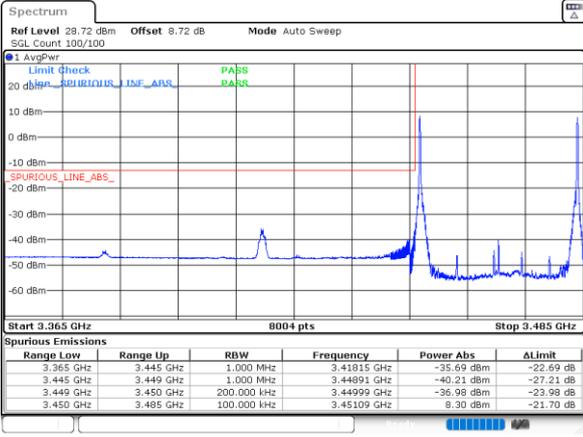


LTE Band 42C / 20MHz+15MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

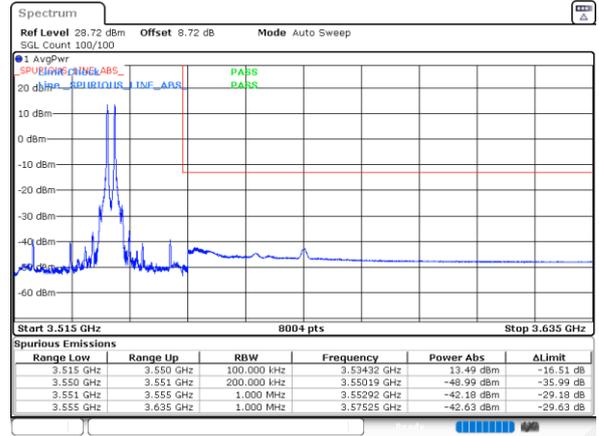
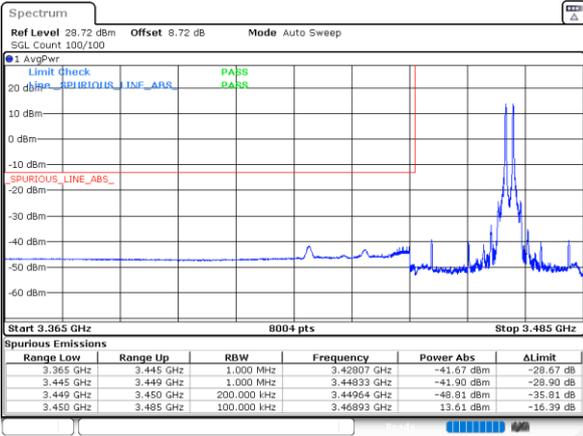


Date: 3.AUG.2024 18:52:40

Date: 4.AUG.2024 10:24:33

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

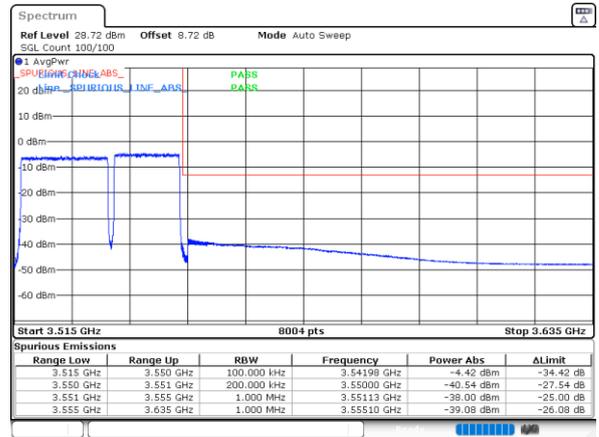
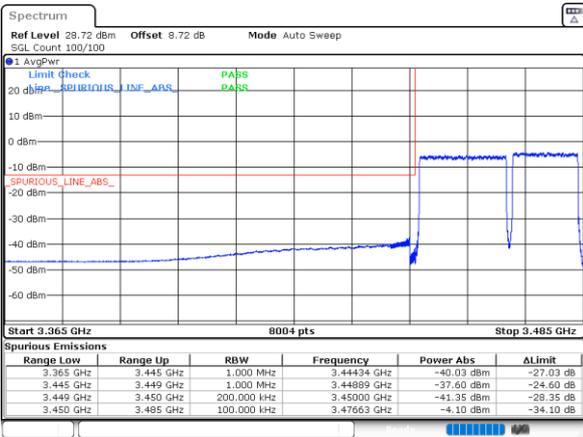


Date: 3.AUG.2024 18:47:43

Date: 4.AUG.2024 10:19:36

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 4.AUG.2024 10:08:40

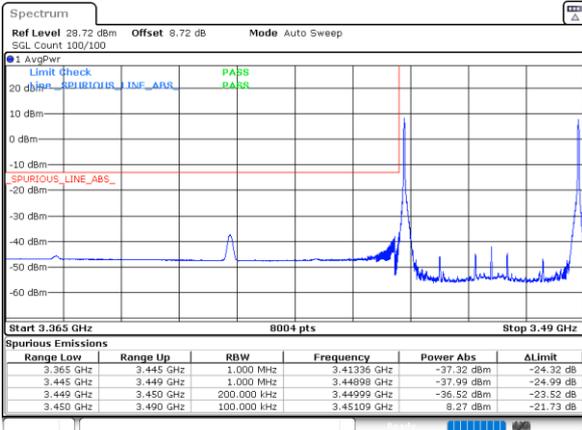
Date: 4.AUG.2024 10:29:30



LTE Band 42C / 20MHz+20MHz

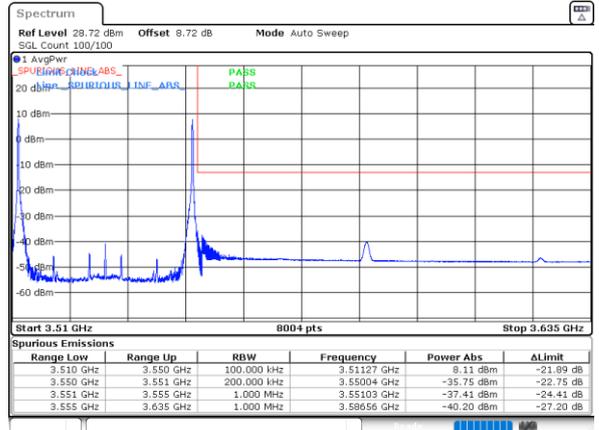
QPSK

Lowest Band Edge / 1RB0 and 1RB99



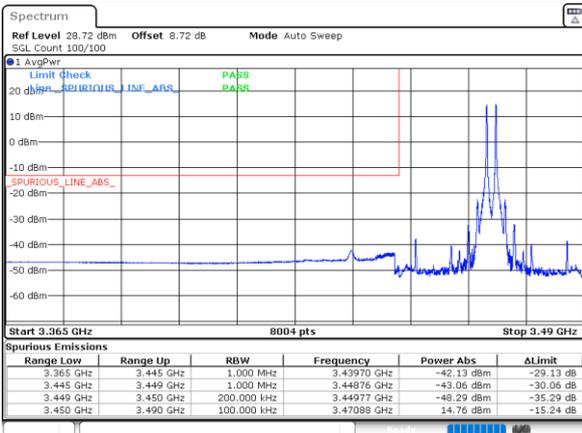
Date: 4.AUG.2024 10:13:14

Highest Band Edge / 1RB0 and 1RB99



Date: 4.AUG.2024 10:57:58

Lowest Band Edge / 1RB99 and 1RB0



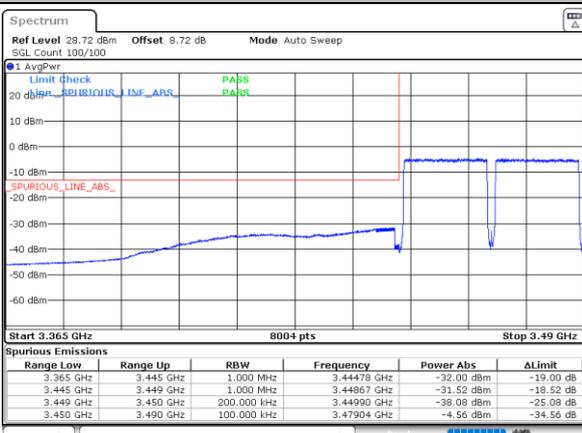
Date: 4.AUG.2024 10:13:24

Highest Band Edge / 1RB99 and 1RB0



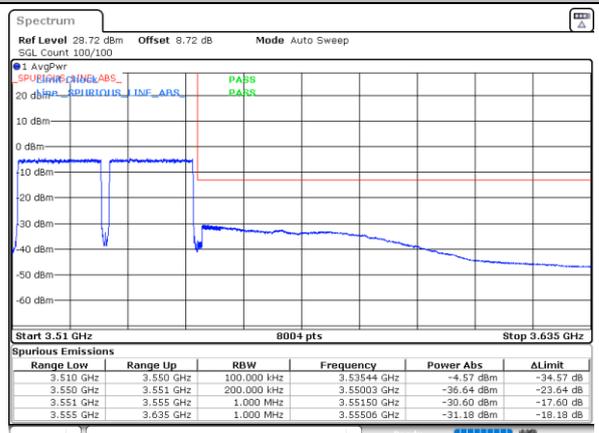
Date: 4.AUG.2024 10:53:09

Lowest Band Edge / Full RB



Date: 5.AUG.2024 08:40:28

Highest Band Edge / Full RB



Date: 4.AUG.2024 11:02:47

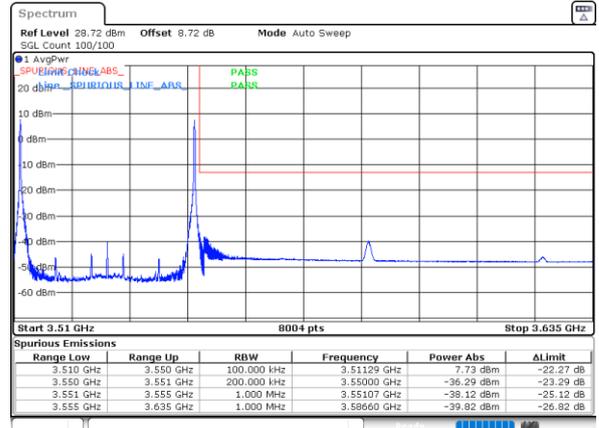
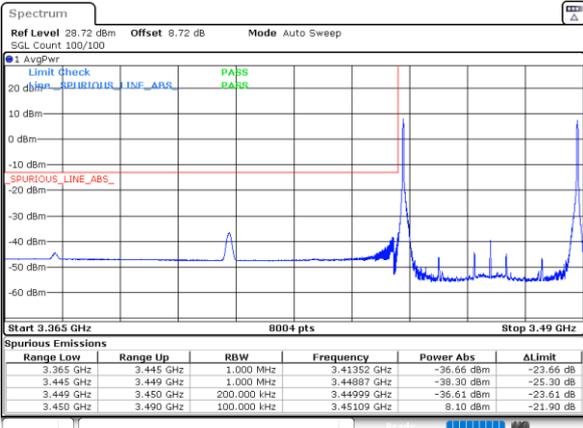


LTE Band 42C / 20MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

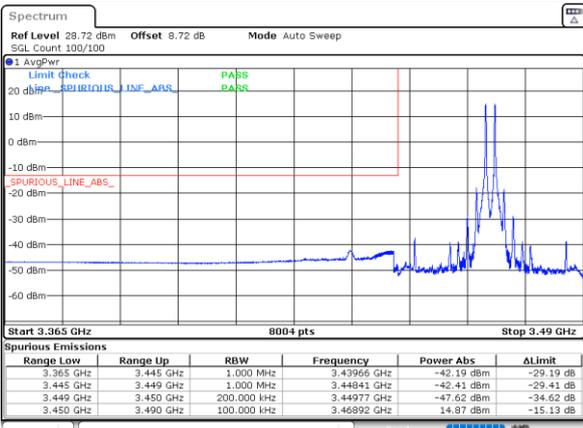


Date: 4.AUG.2024 10:39:26

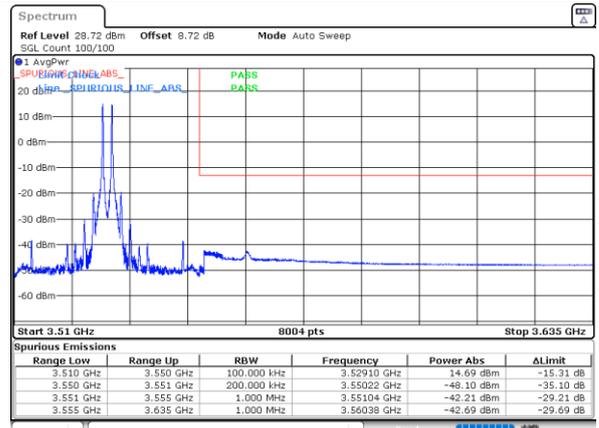
Date: 4.AUG.2024 10:59:10

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0



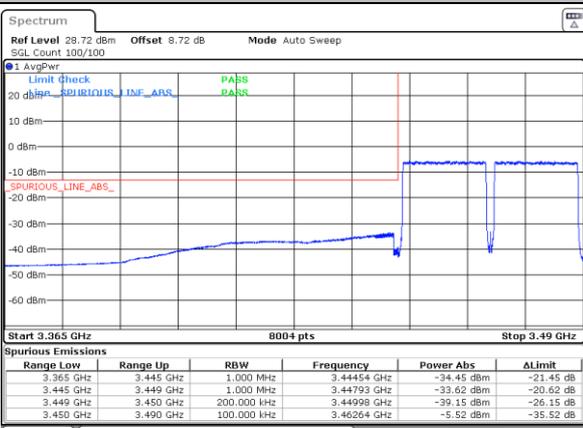
Date: 4.AUG.2024 10:34:37



Date: 4.AUG.2024 10:54:21

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 5.AUG.2024 08:41:40



Date: 4.AUG.2024 11:04:00

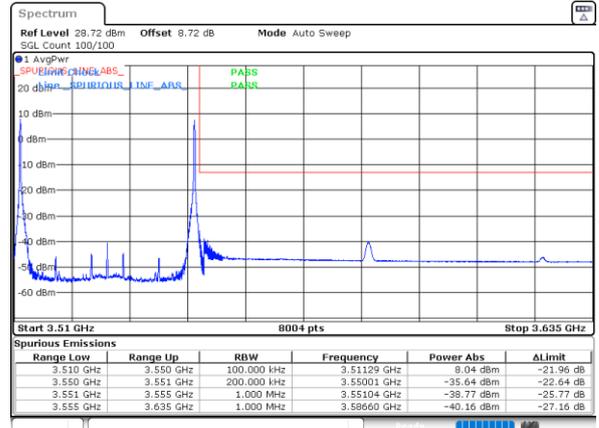
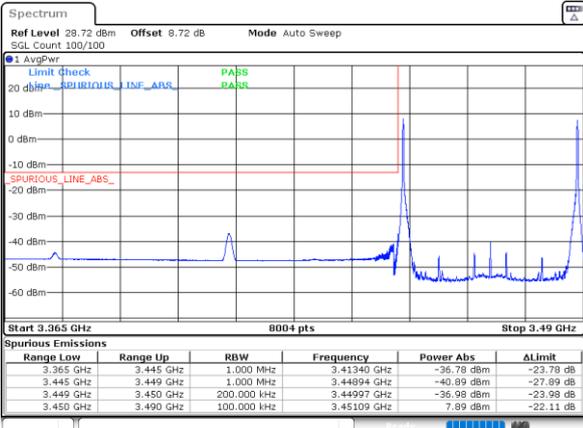


LTE Band 42C / 20MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

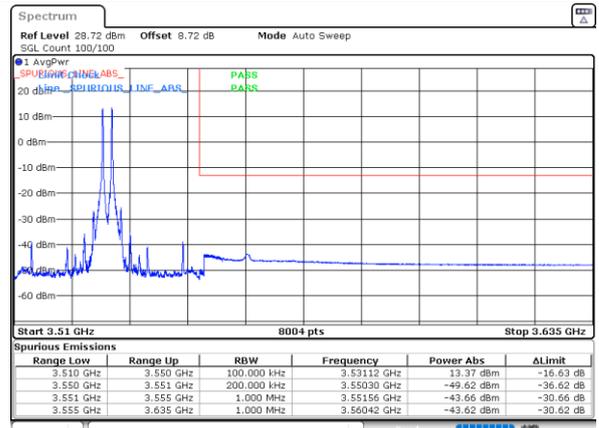
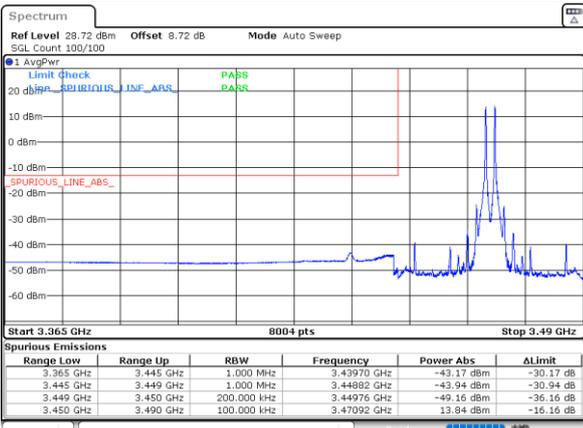


Date: 4.AUG.2024 10:40:38

Date: 4.AUG.2024 11:00:22

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

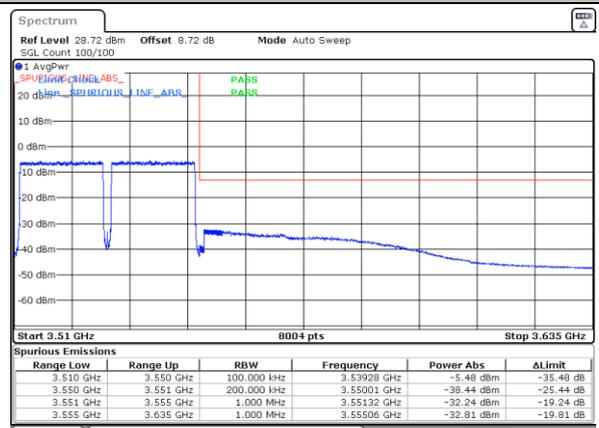
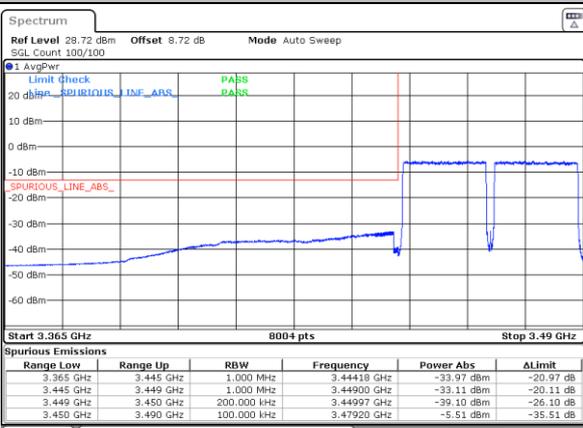


Date: 4.AUG.2024 10:35:49

Date: 4.AUG.2024 10:55:34

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

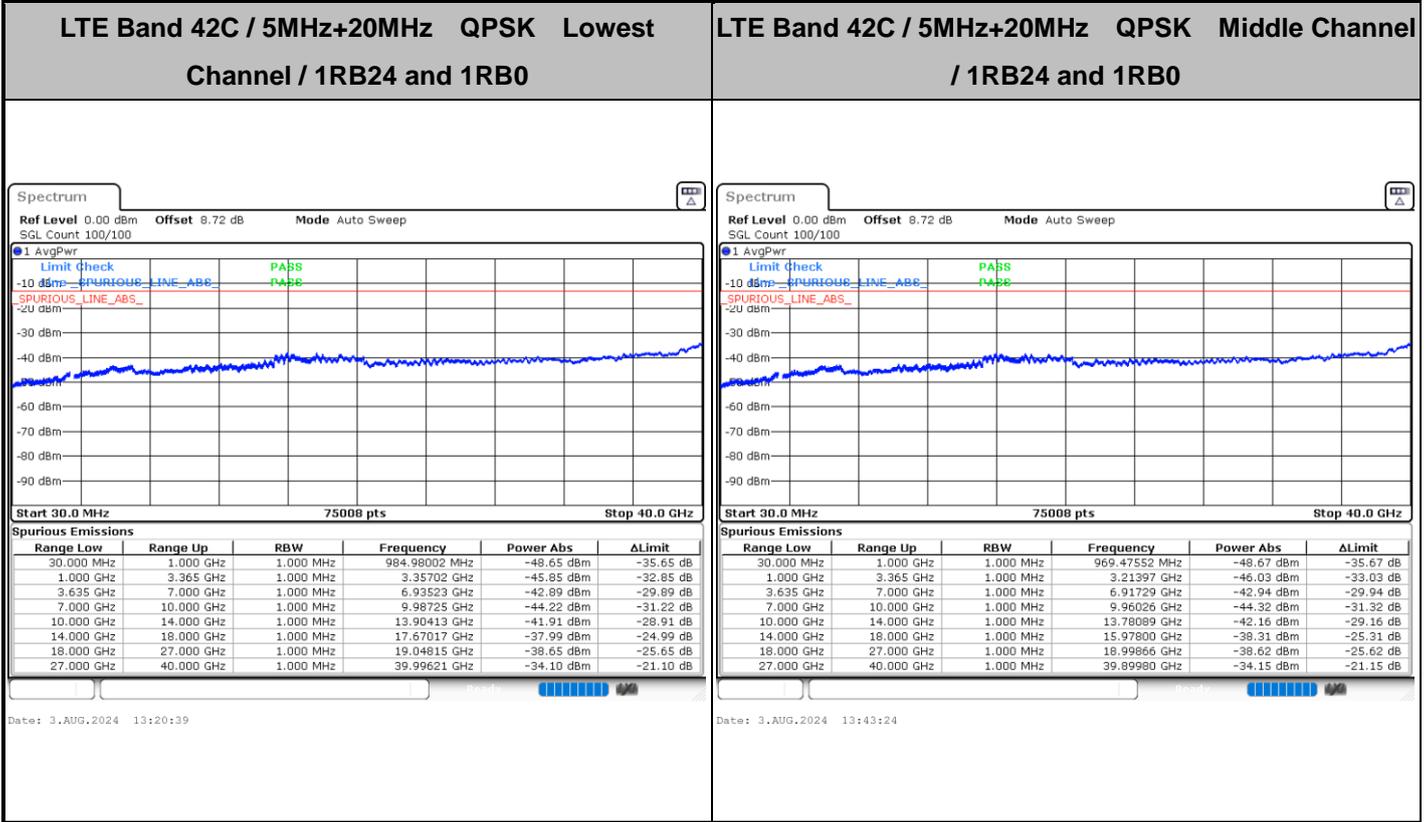


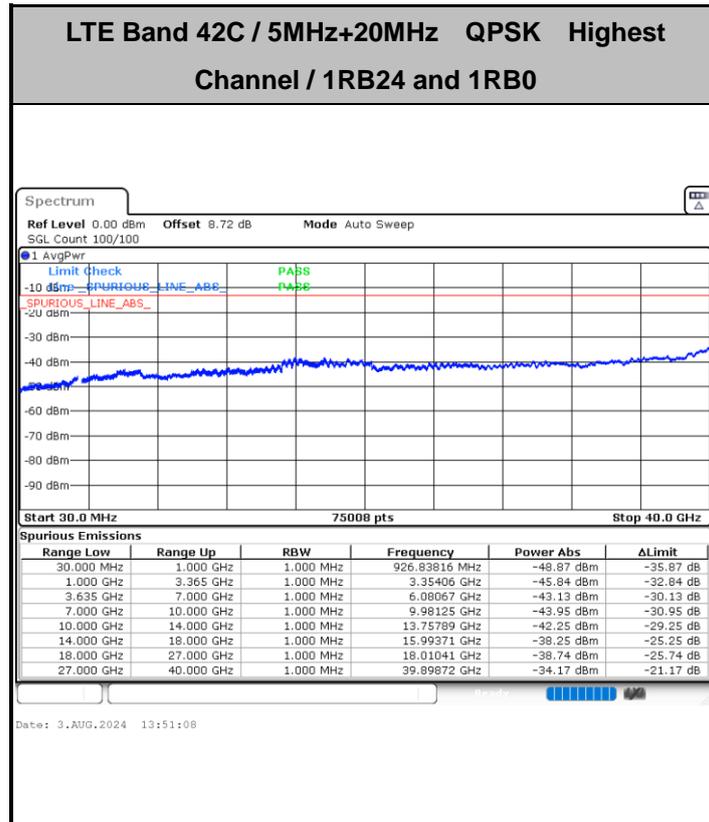
Date: 5.AUG.2024 08:42:53

Date: 4.AUG.2024 11:05:12



Conducted Spurious Emission

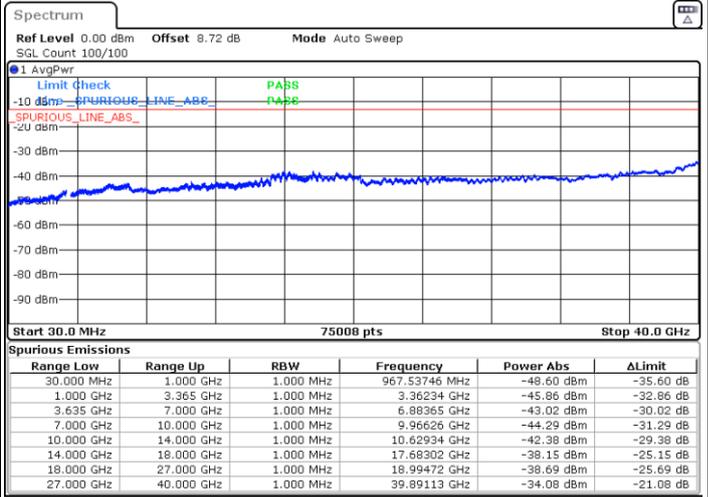
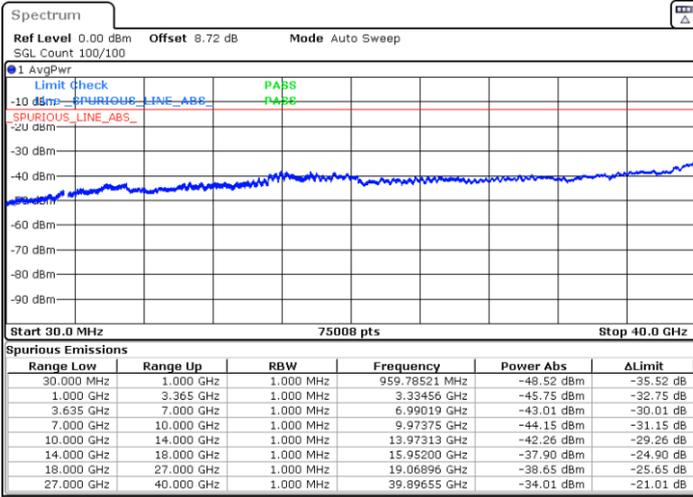






LTE Band 42C / 10MHz+20MHz QPSK Lowest Channel / 1RB49 and 1RB0

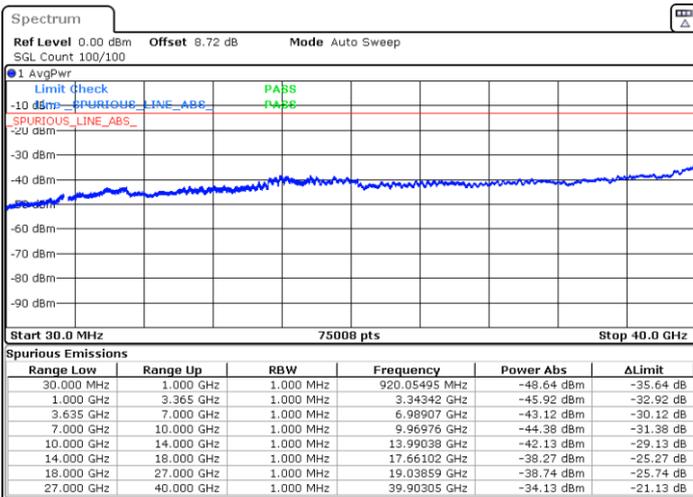
LTE Band 42C / 10MHz+20MHz QPSK Middle Channel / 1RB49 and 1RB0



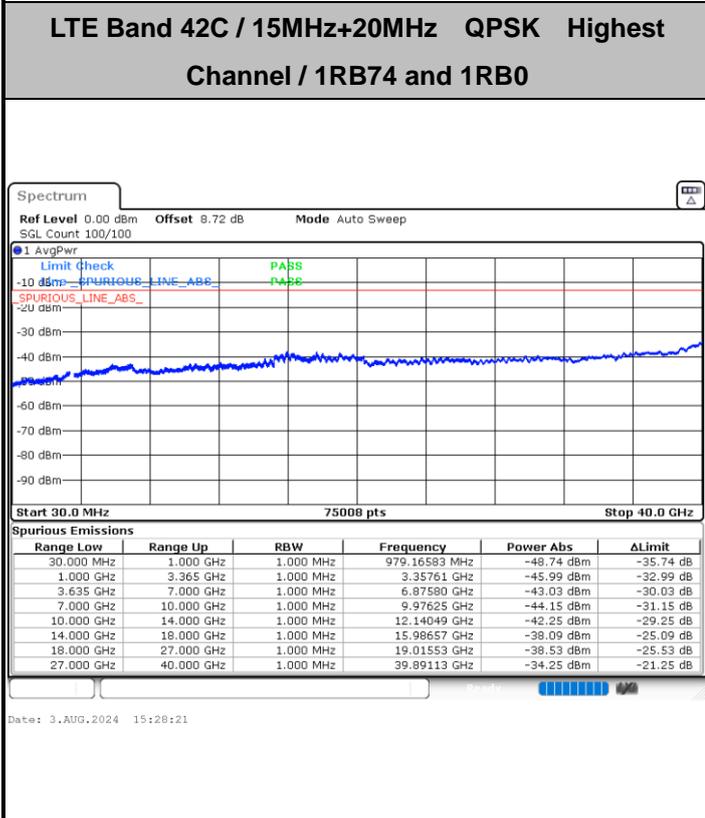
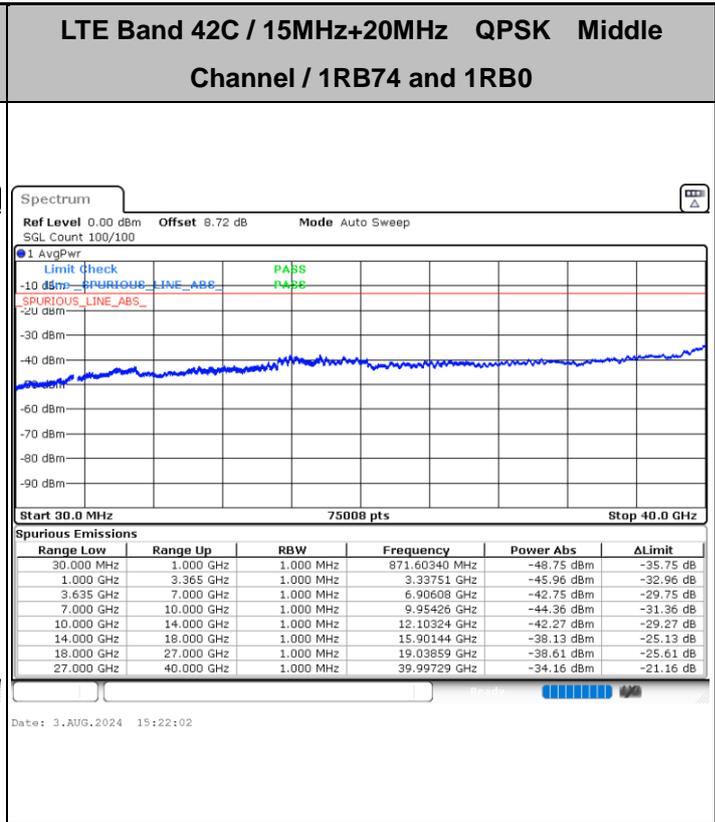
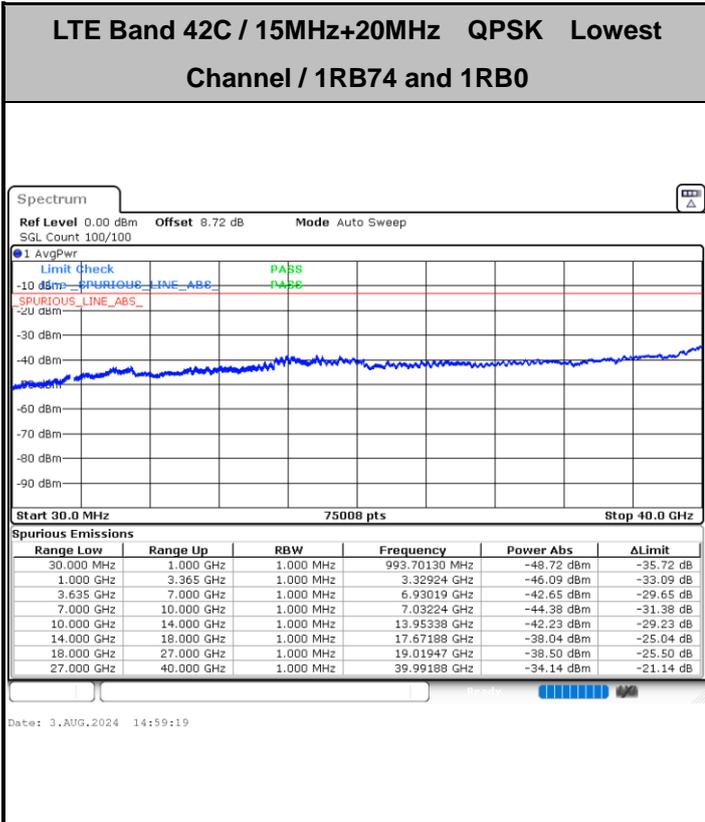
Date: 3.AUG.2024 14:11:46

Date: 3.AUG.2024 14:31:39

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

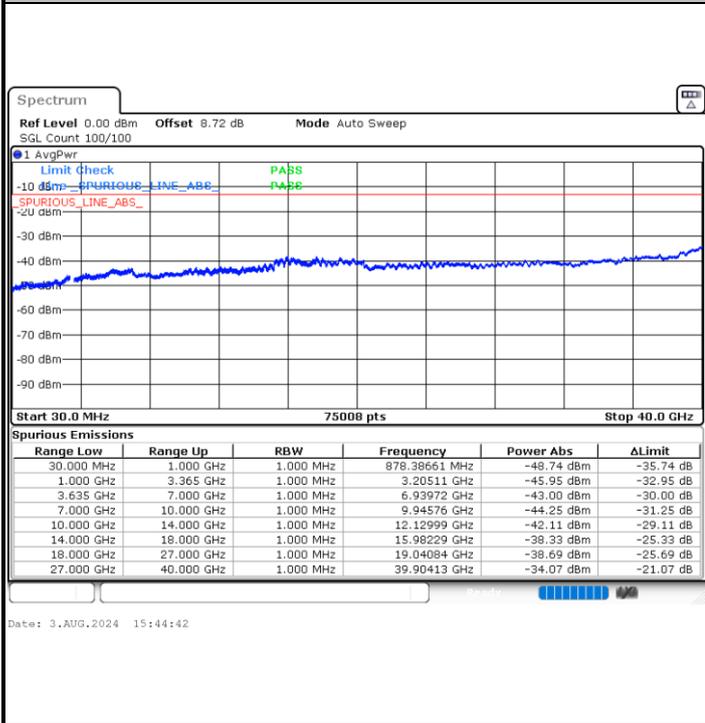


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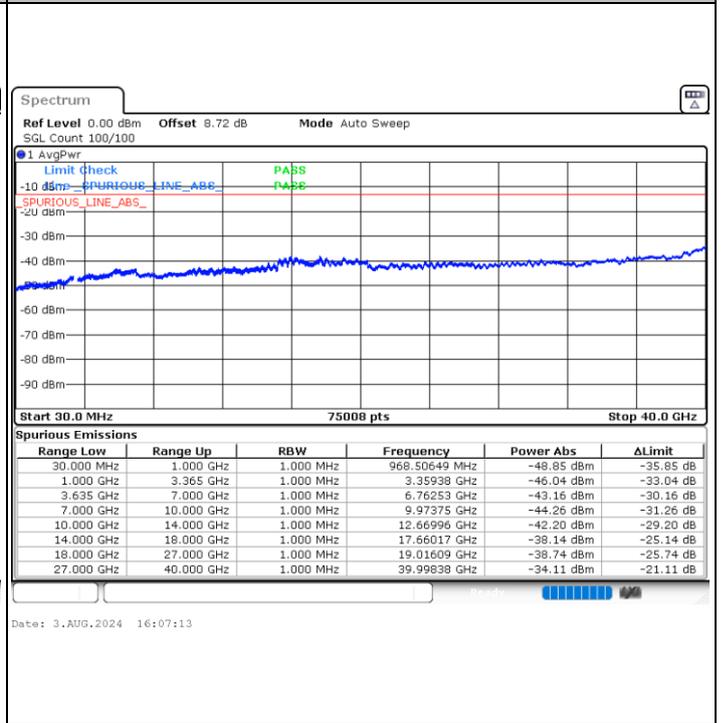




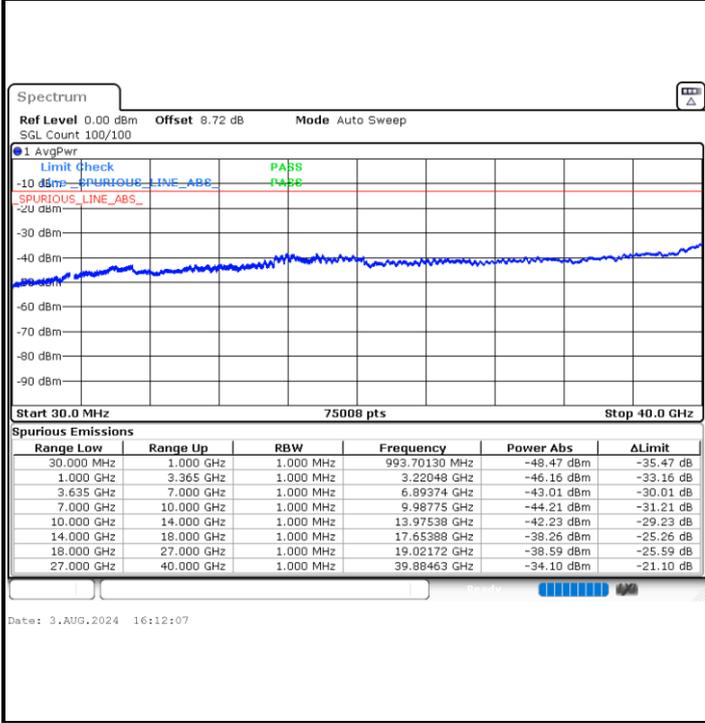
LTE Band 42C / 20MHz+5MHz QPSK Lowest Channel / 1RB99 and 1RB0

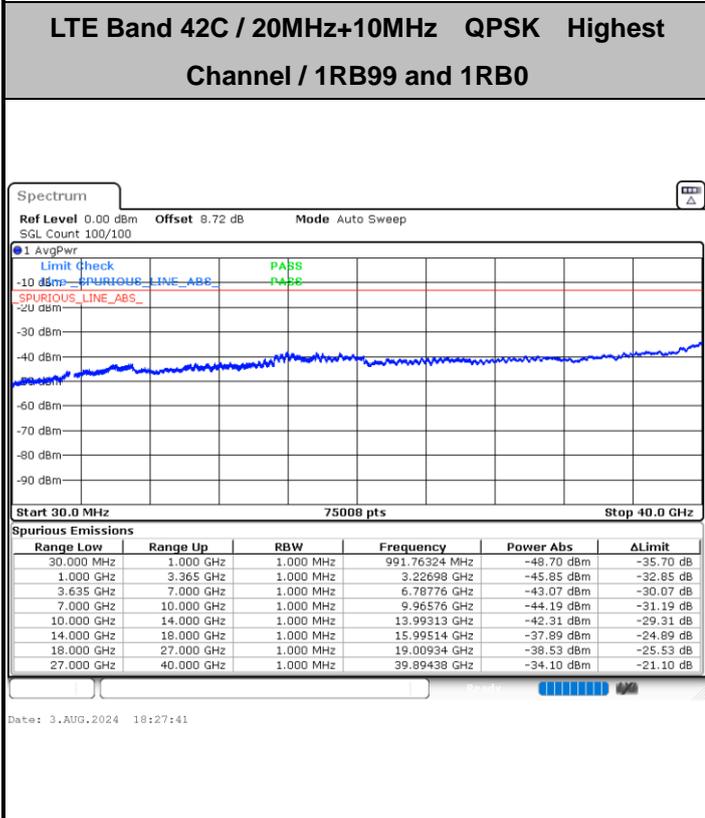
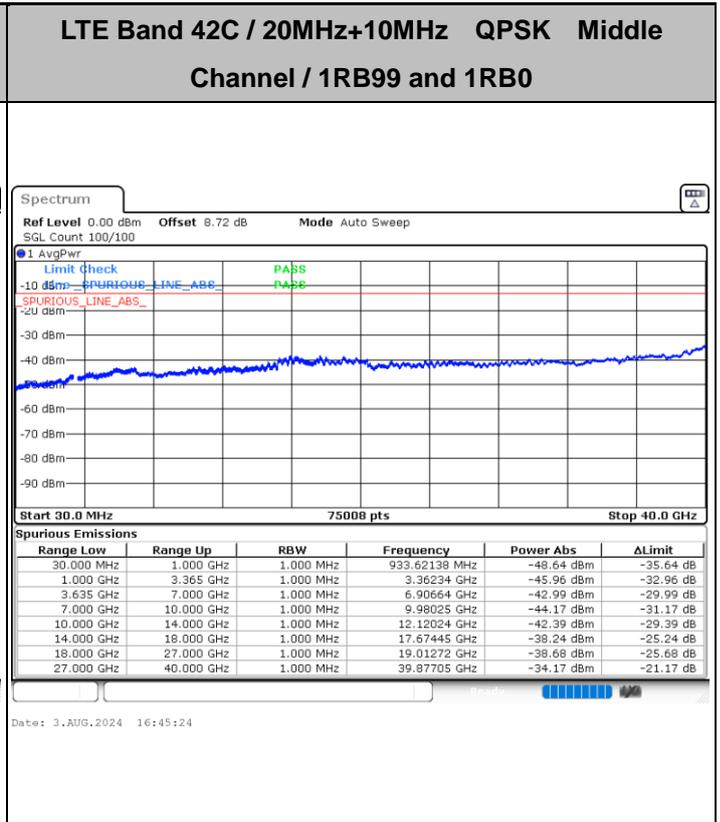
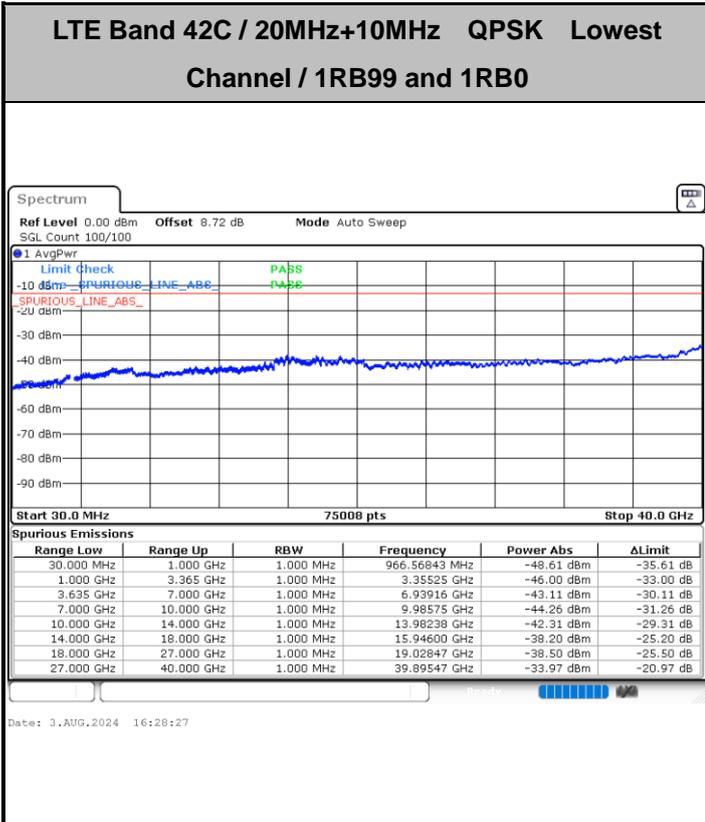


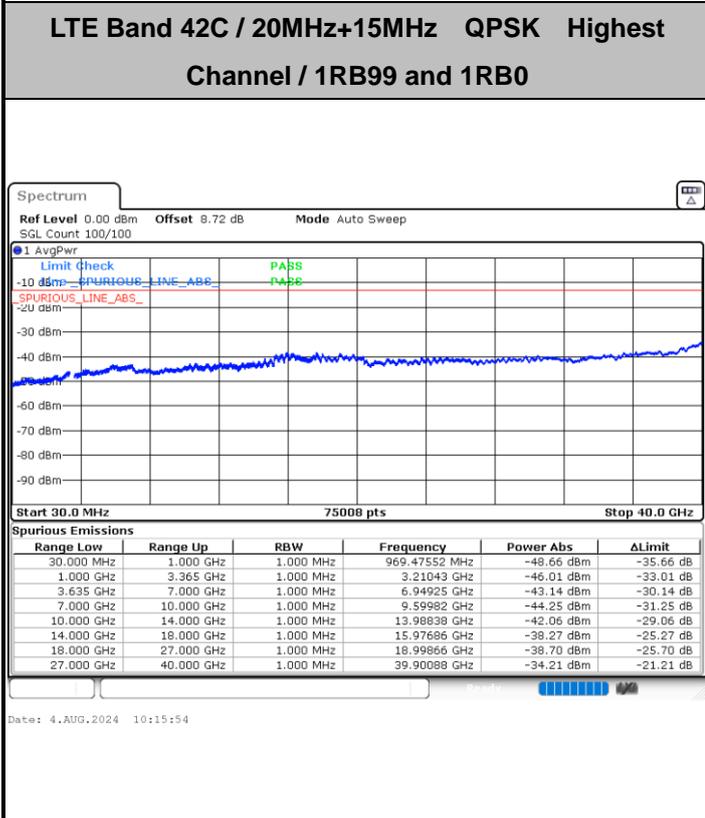
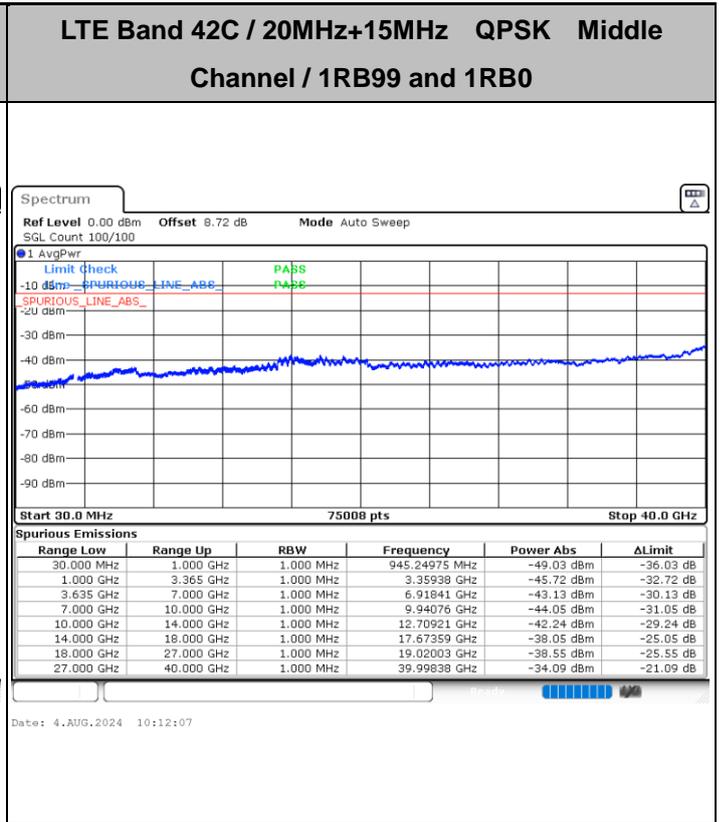
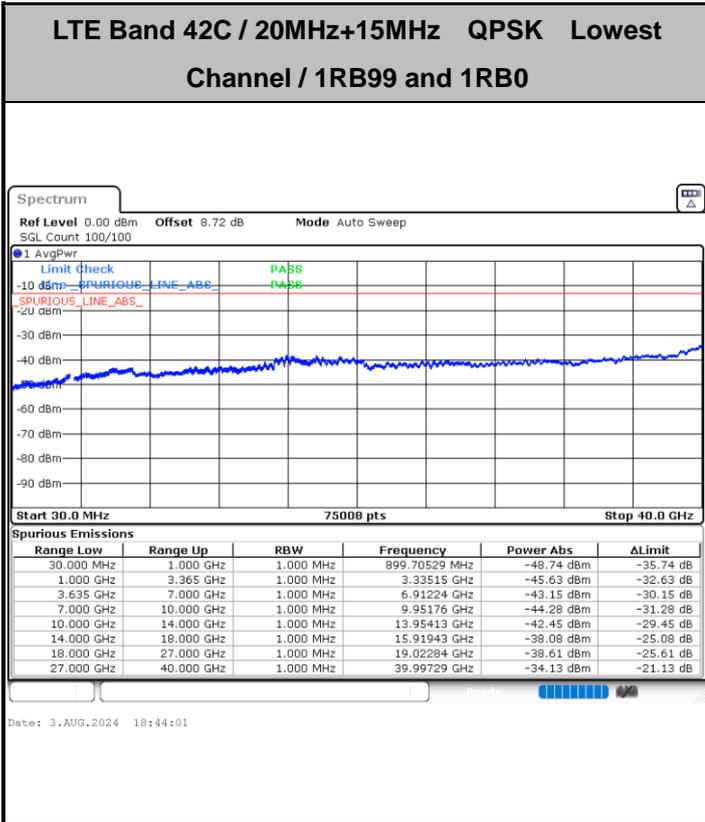
LTE Band 42C / 20MHz+5MHz QPSK Middle Channel / 1RB99 and 1RB0

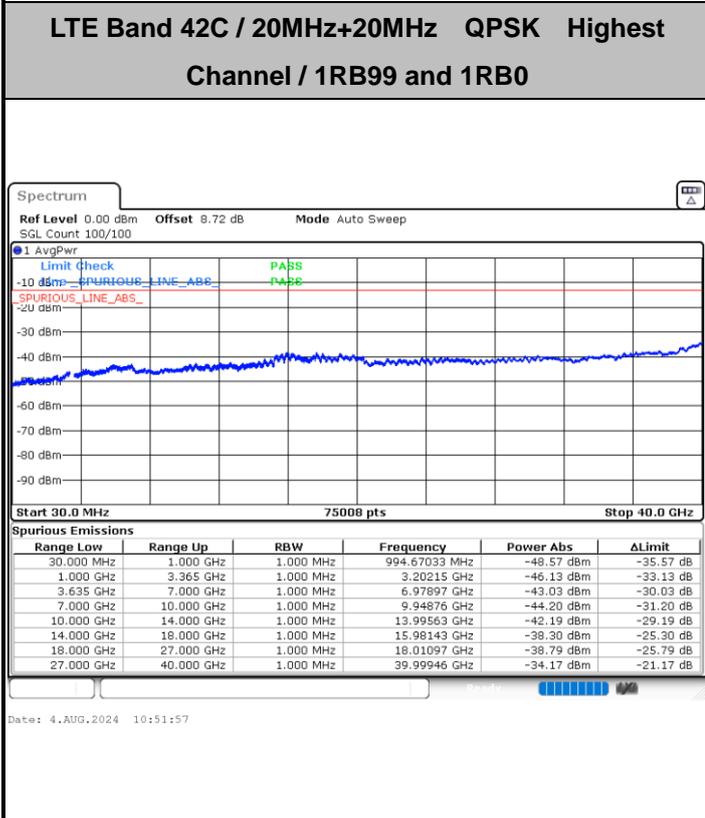
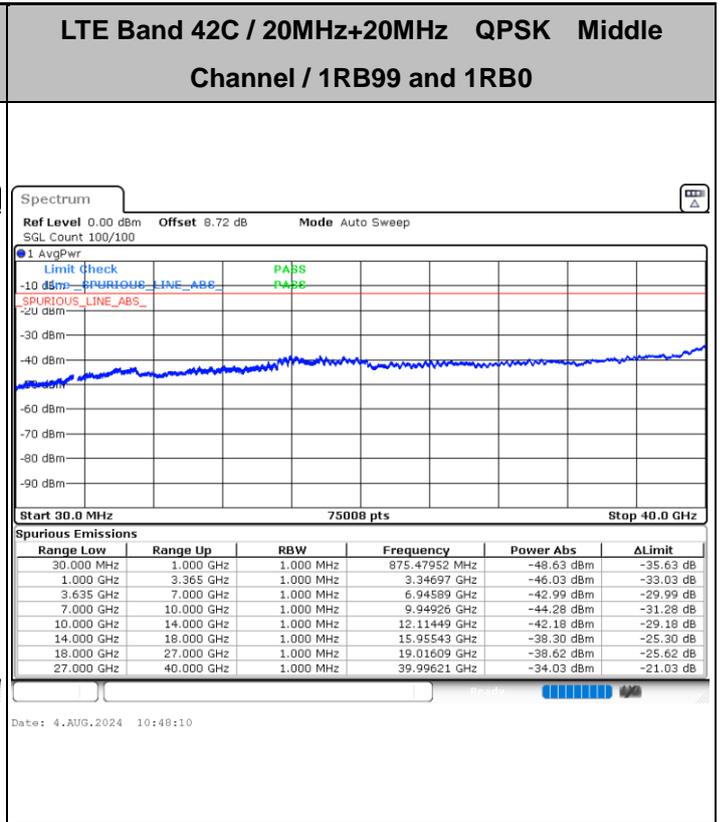
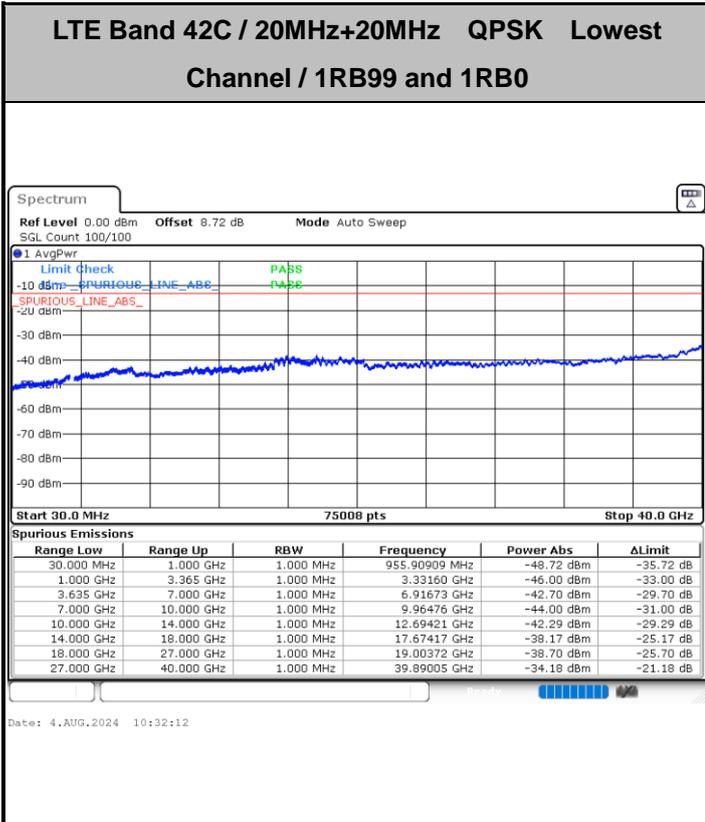


LTE Band 42C / 20MHz+5MHz QPSK Highest Channel / 1RB99 and 1RB0









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	0.0019	PASS
40	Normal Voltage	0.0034	
30	Normal Voltage	0.0012	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0015	
0	Normal Voltage	0.0031	
-10	Normal Voltage	0.0037	
-20	Normal Voltage	0.0049	
-30	Normal Voltage	0.0016	
20	Maximum Voltage	0.0028	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0034	

Note:

1. Normal Voltage =3.89 V. ; Battery End Point (BEP) =3.501 V. ; Maximum Voltage =4.279 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 :	Zhaohui Liang	Temperature :	22~25°C
		Relative Humidity :	48~52%

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

LTE CA_42C / 20MHz+20MHz / QPSK / Ant. 6									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	7000.00	-58.04	-13	-45.04	-65.81	-61.34	8.30	11.60	H
	10500.00	-56.14	-13	-43.14	-68.34	-57.66	10.48	12.00	H
	14000.00	-54.34	-13	-41.34	-69.95	-56.04	11.80	13.50	H
	7000.00	-57.80	-13	-44.80	-65.75	-61.10	8.30	11.60	V
	10500.00	-53.92	-13	-40.92	-68.44	-55.44	10.48	12.00	V
	14000.00	-55.34	-13	-42.34	-70.17	-57.04	11.80	13.50	V

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