

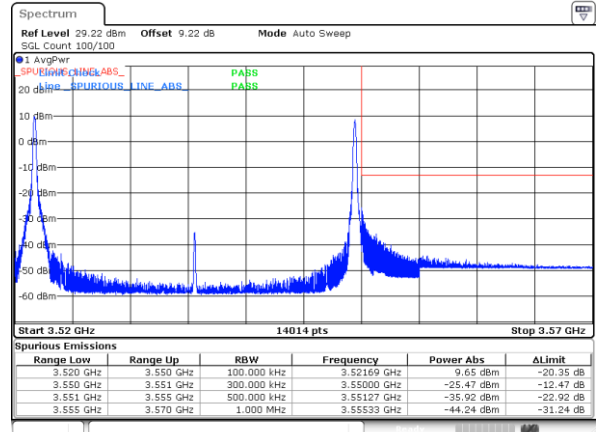
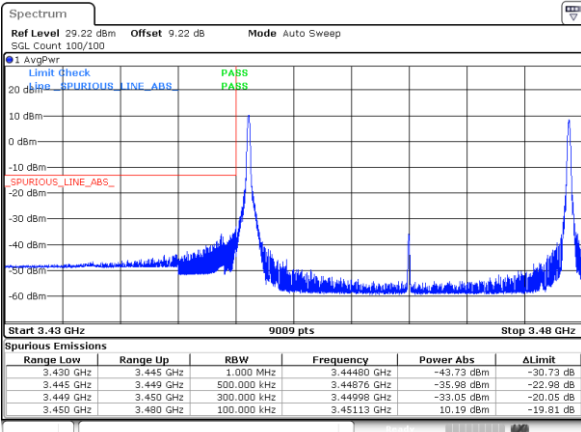


LTE Band 42C / 20MHz+10MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

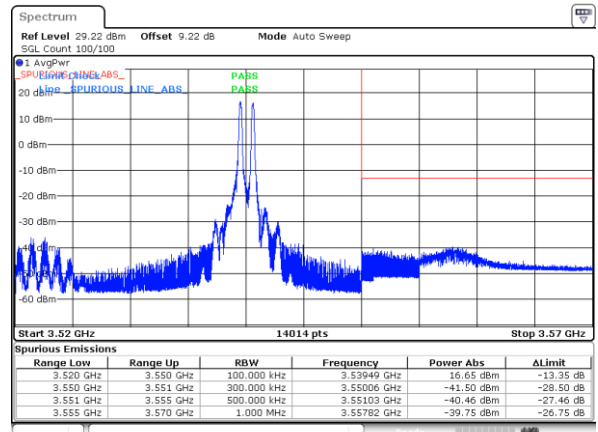
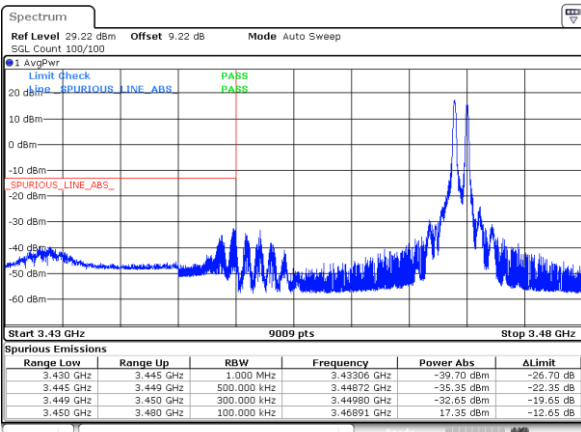


Date: 22.FEB.2024 02:41:33

Date: 22.FEB.2024 02:55:01

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

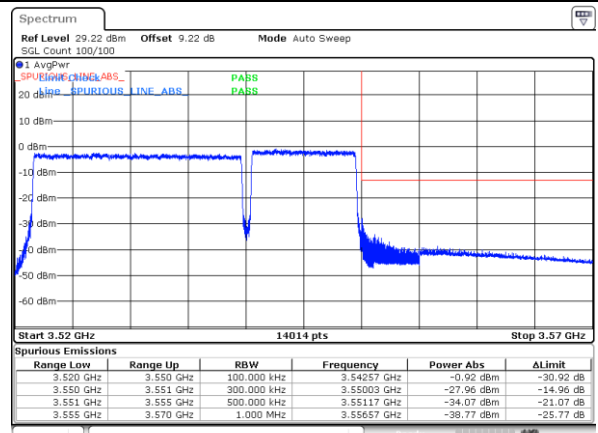
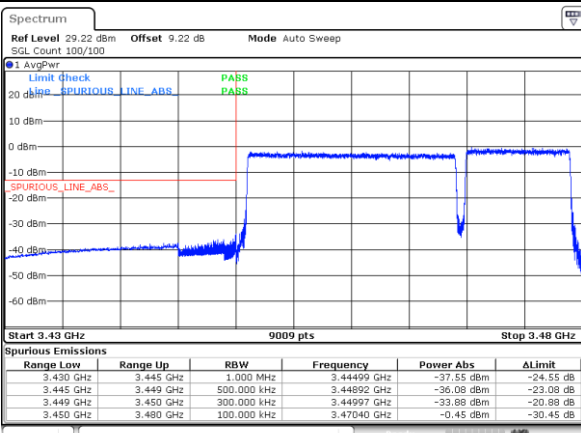


Date: 22.FEB.2024 02:38:06

Date: 22.FEB.2024 02:51:38

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 22.FEB.2024 02:45:01

Date: 22.FEB.2024 02:58:25

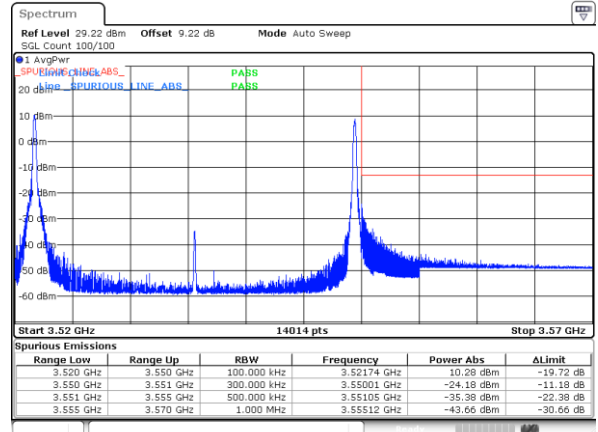
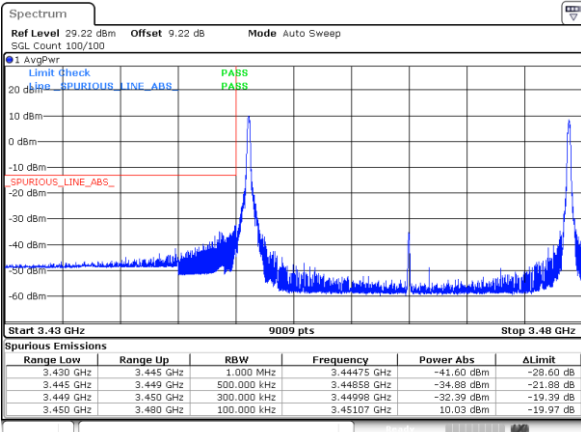


LTE Band 42C / 20MHz+10MHz

16QAM

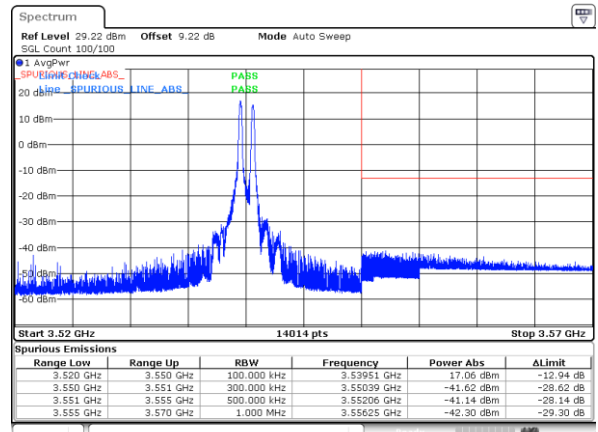
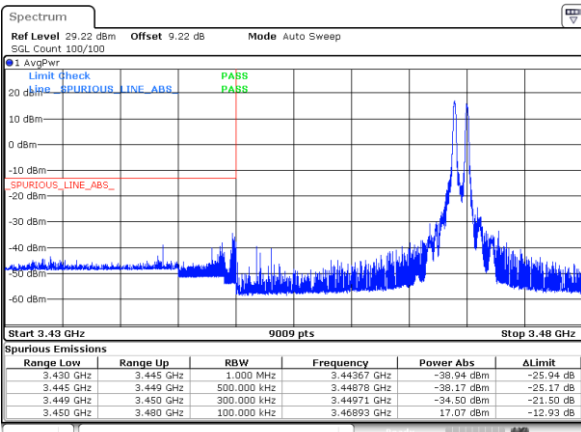
Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49



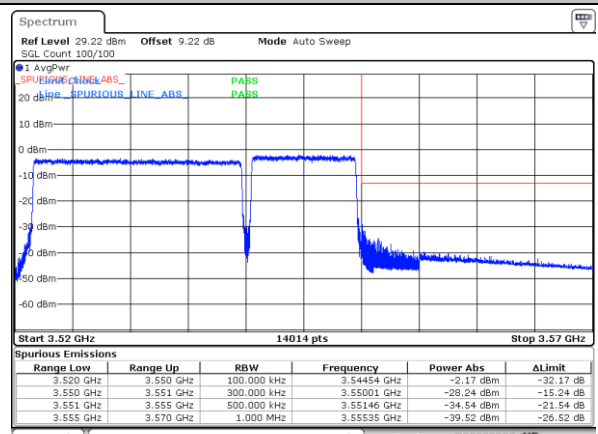
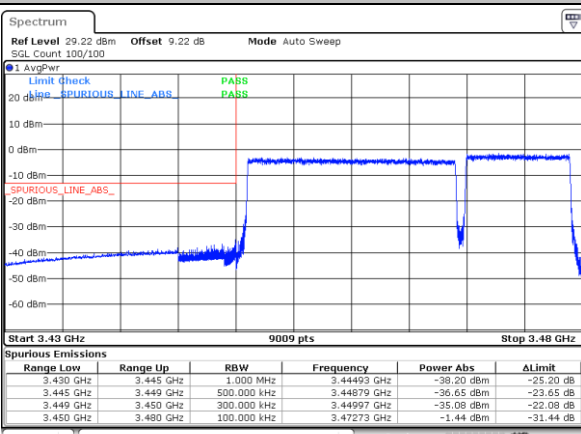
Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB

Highest Band Edge / Full RB



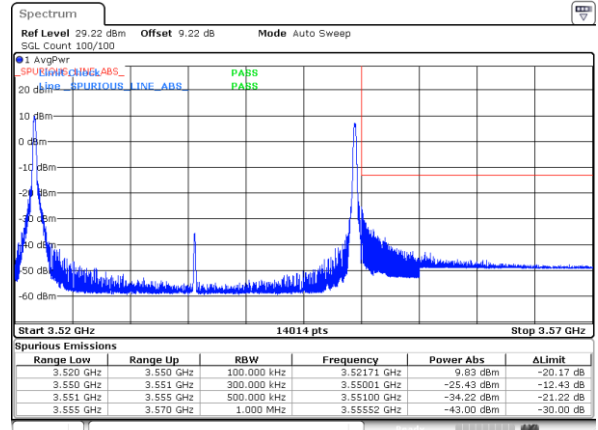
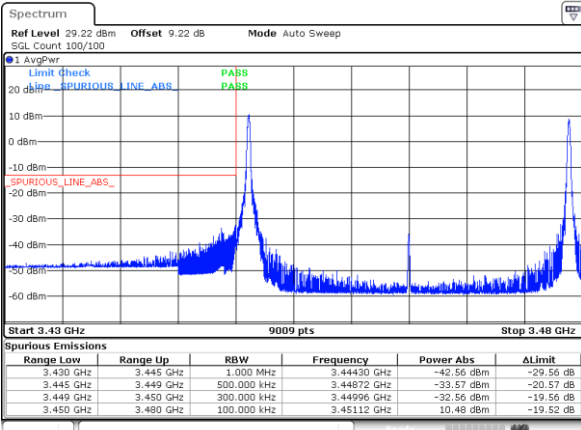


LTE Band 42C / 20MHz+10MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

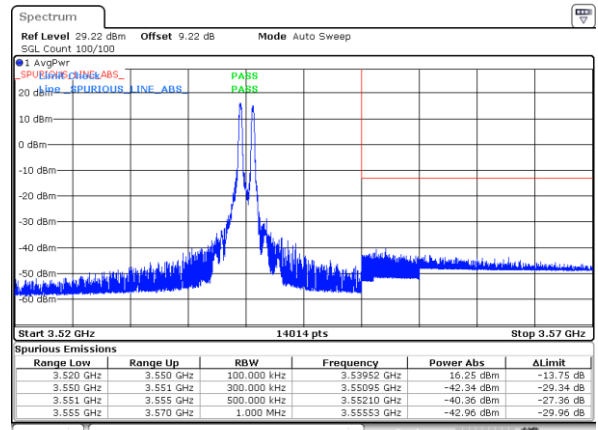
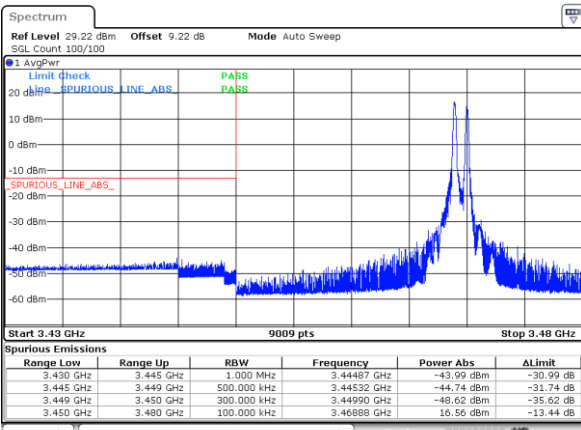


Date: 22.FEB.2024 02:43:17

Date: 22.FEB.2024 02:56:43

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

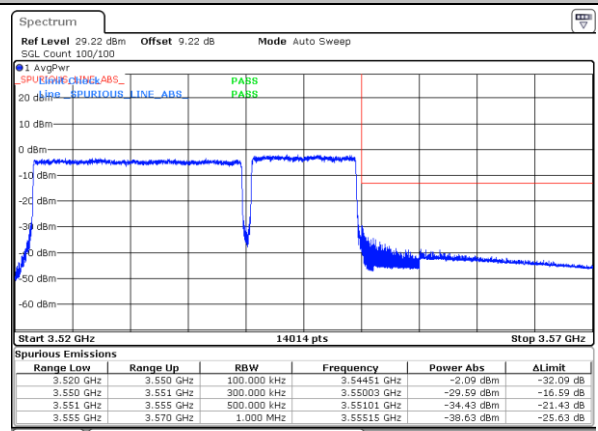
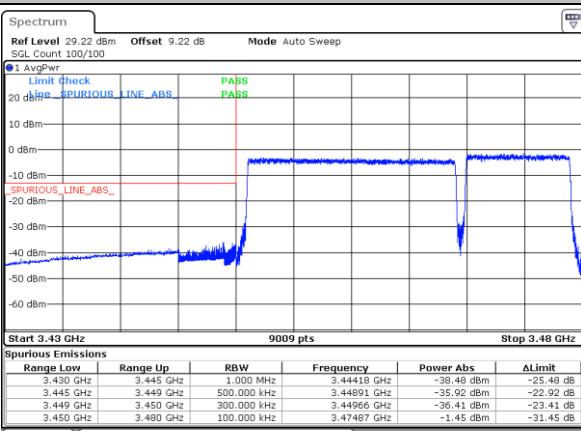


Date: 22.FEB.2024 02:39:50

Date: 22.FEB.2024 02:53:20

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 22.FEB.2024 02:46:44

Date: 22.FEB.2024 03:00:07

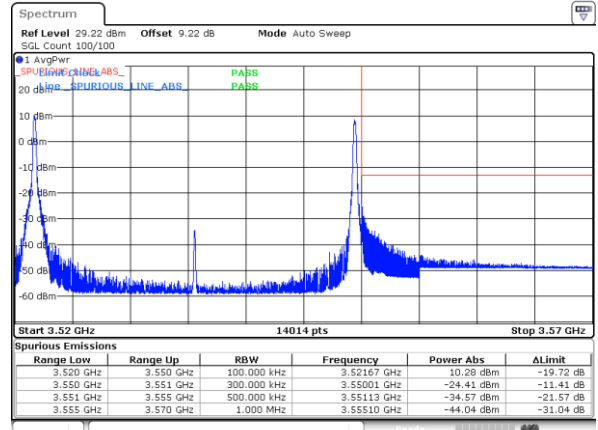
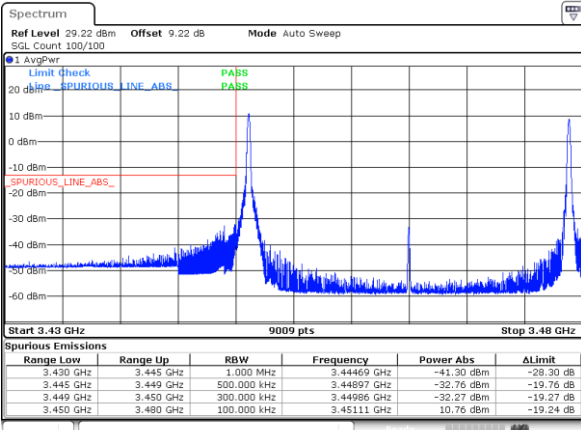


LTE Band 42C / 20MHz+10MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

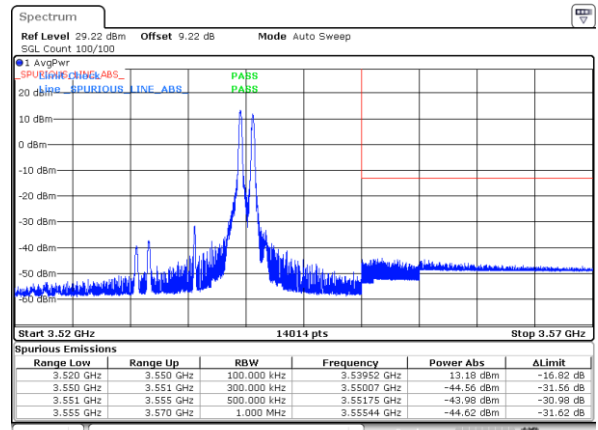
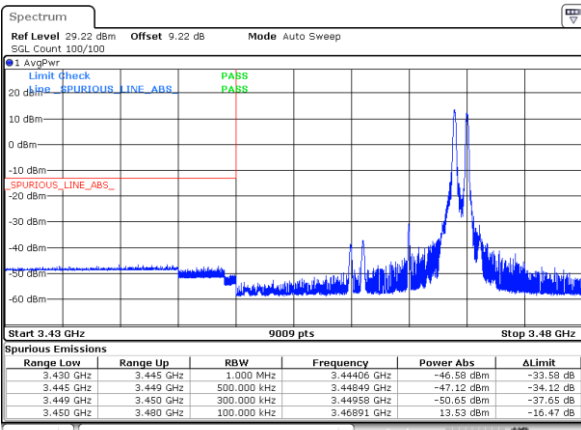


Date: 22.FEB.2024 02:44:09

Date: 22.FEB.2024 02:57:34

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

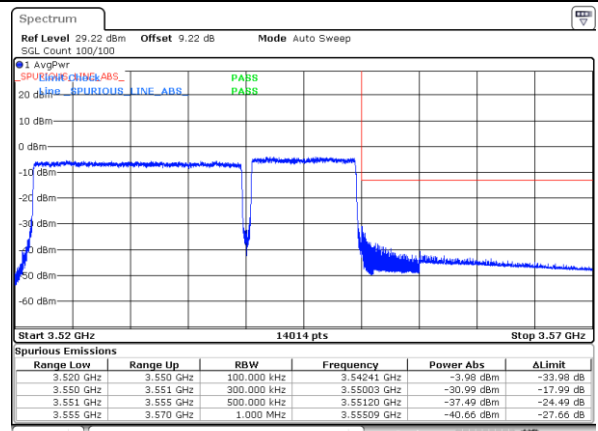
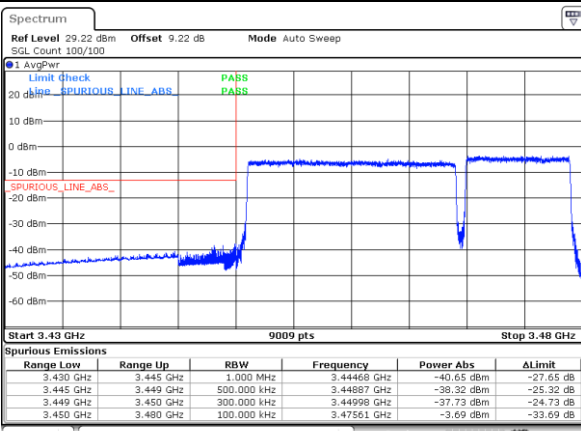


Date: 22.FEB.2024 02:40:41

Date: 22.FEB.2024 02:54:11

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 22.FEB.2024 02:47:35

Date: 22.FEB.2024 03:00:57

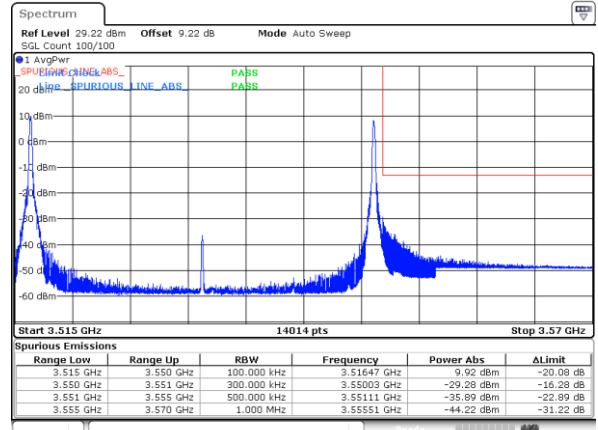
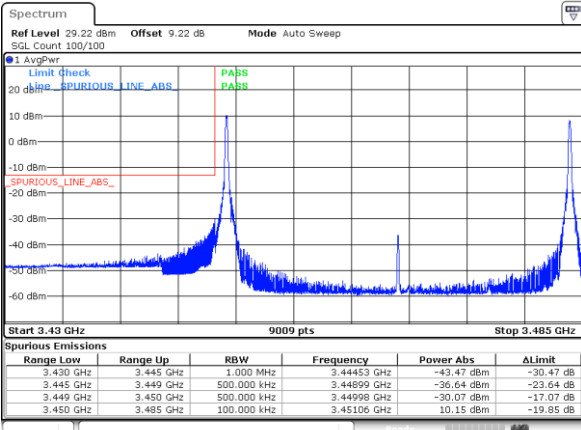


LTE Band 42C / 20MHz+15MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

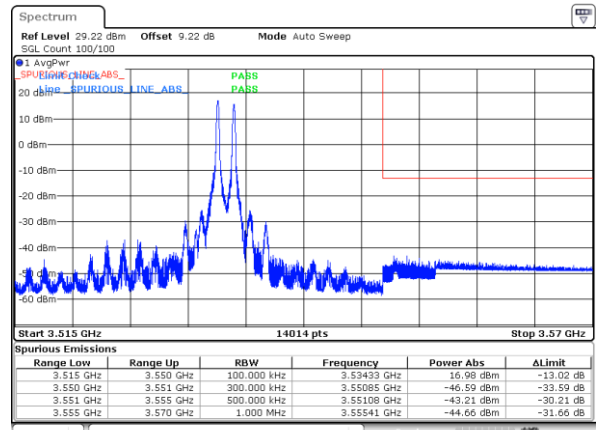
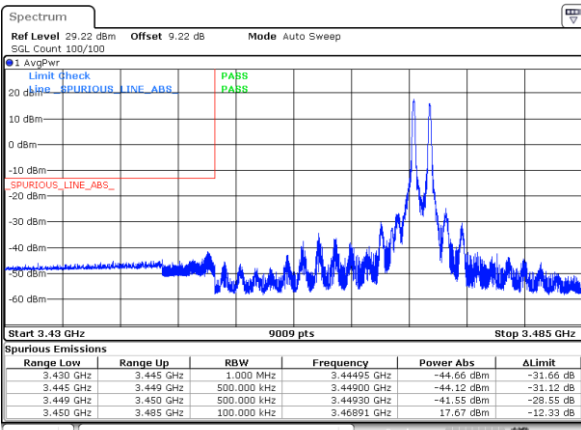


Date: 22.FEB.2024 03:06:46

Date: 22.FEB.2024 03:20:11

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

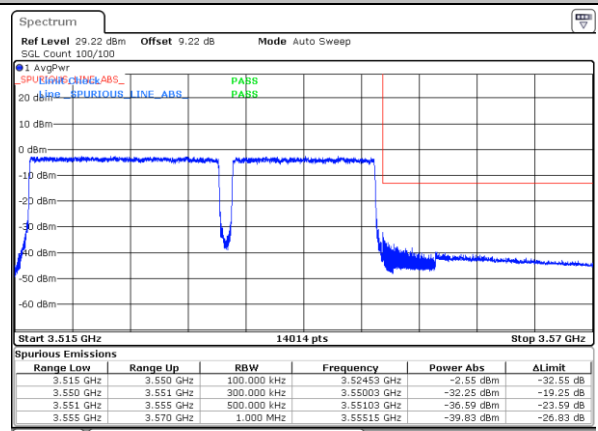
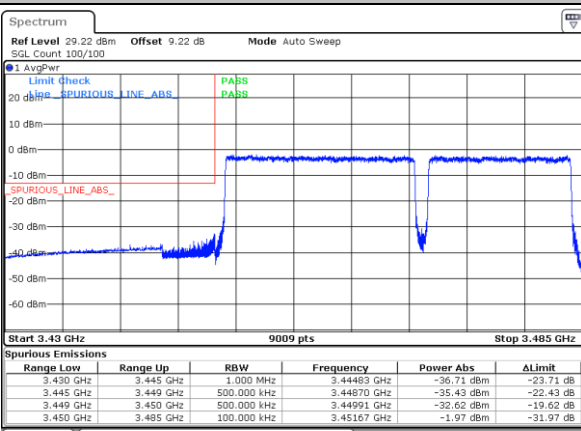


Date: 22.FEB.2024 03:03:20

Date: 22.FEB.2024 03:16:47

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 22.FEB.2024 03:10:12

Date: 22.FEB.2024 03:23:35

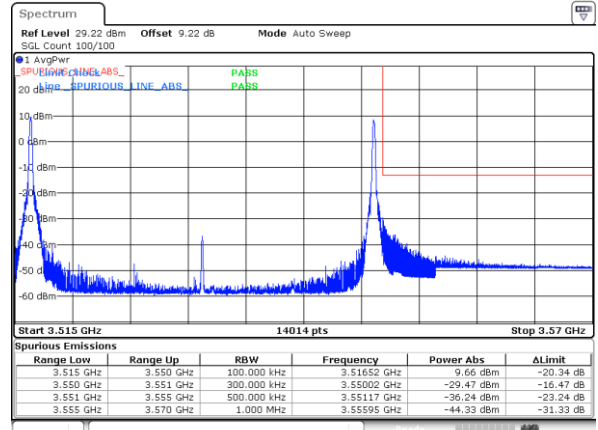
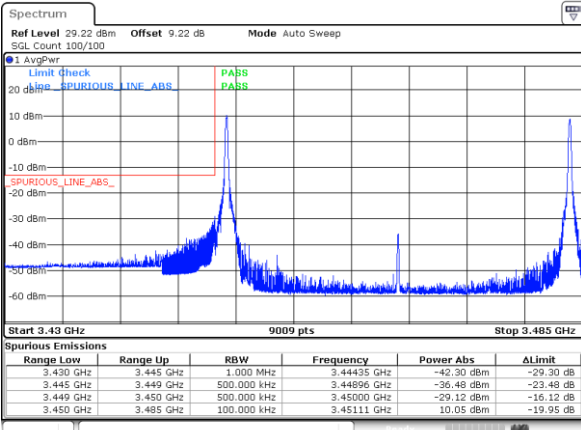


LTE Band 42C / 20MHz+15MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

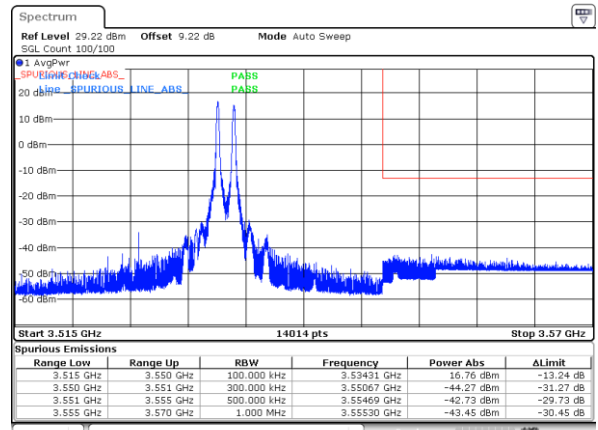
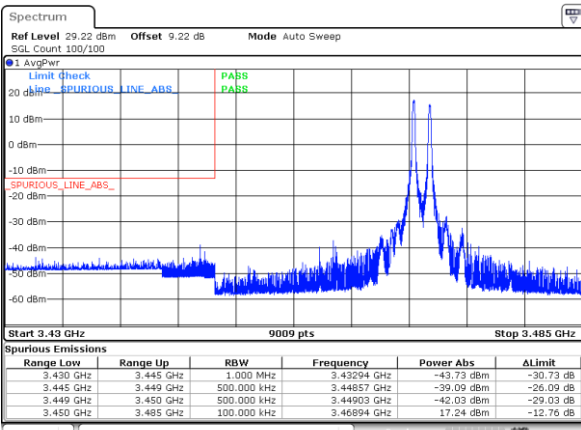


Date: 22.FEB.2024 03:07:38

Date: 22.FEB.2024 03:21:02

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

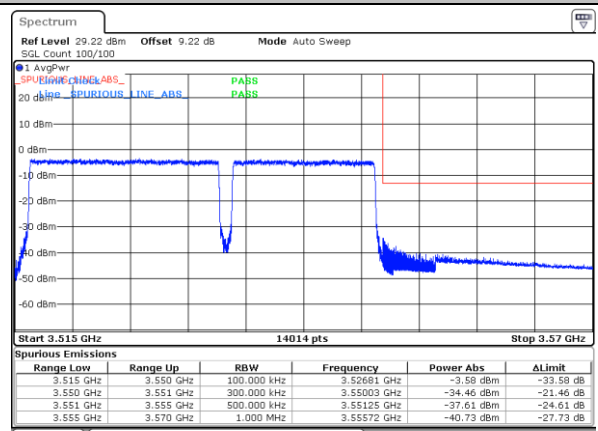
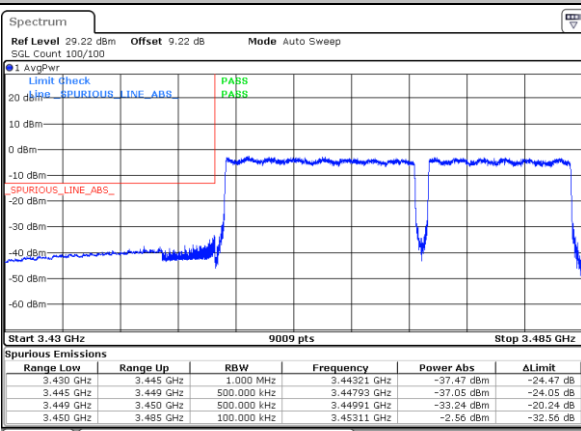


Date: 22.FEB.2024 03:04:11

Date: 22.FEB.2024 03:17:39

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 22.FEB.2024 03:11:04

Date: 22.FEB.2024 03:24:26

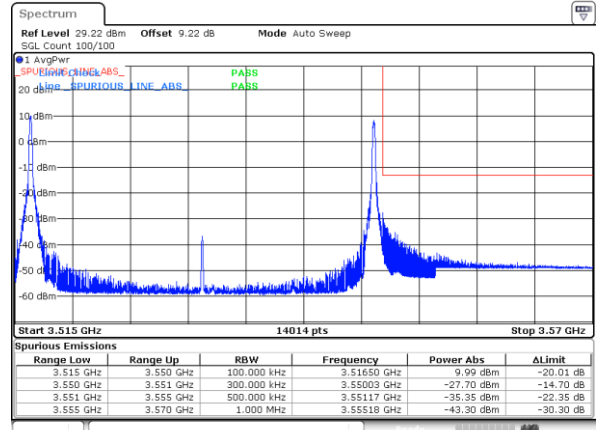
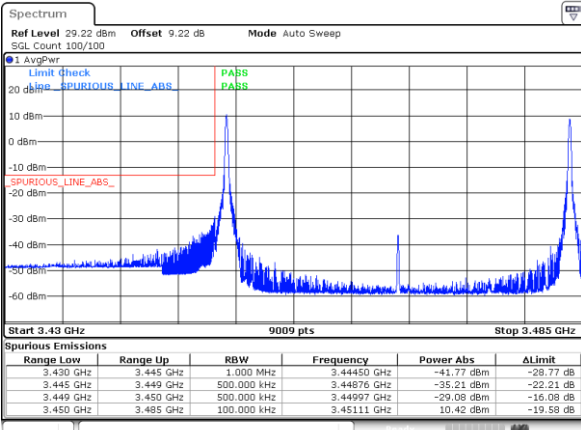


LTE Band 42C / 20MHz+15MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

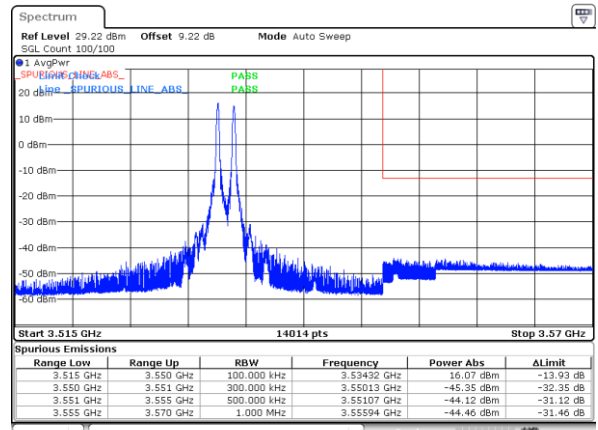
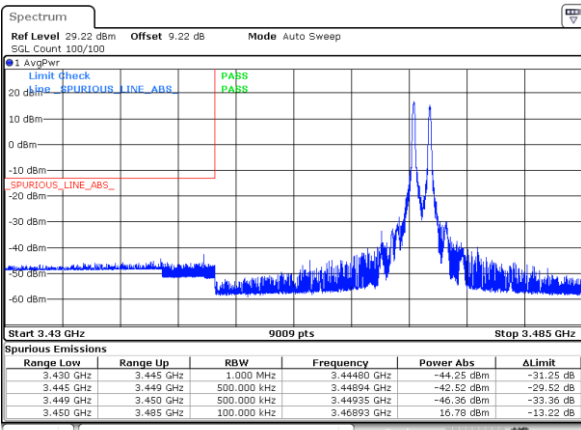


Date: 22.FEB.2024 03:08:29

Date: 22.FEB.2024 03:21:53

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

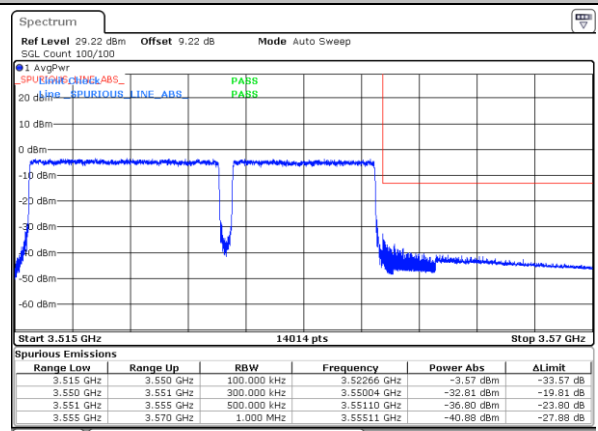
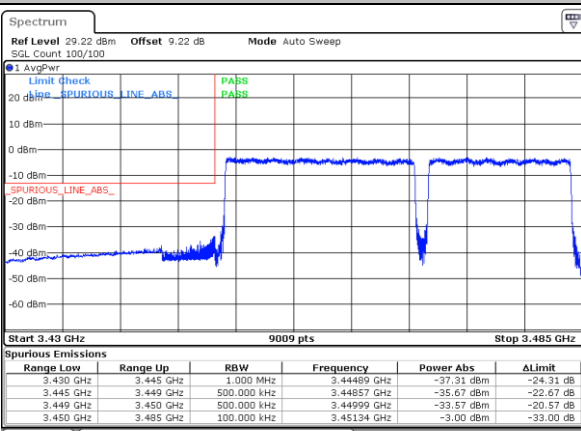


Date: 22.FEB.2024 03:05:03

Date: 22.FEB.2024 03:18:30

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 22.FEB.2024 03:11:56

Date: 22.FEB.2024 03:25:17

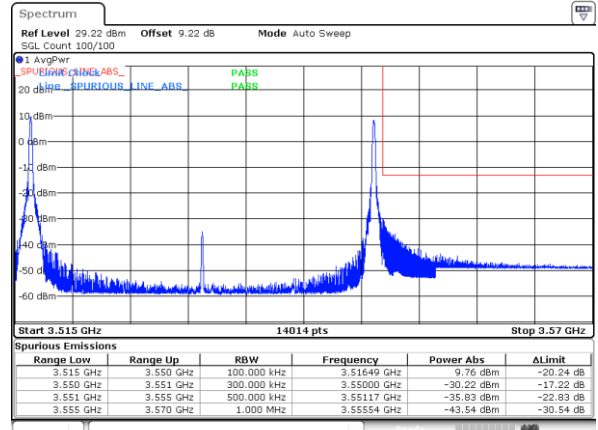
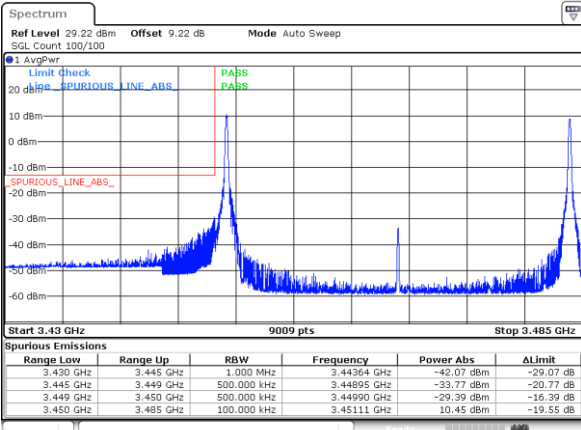


LTE Band 42C / 20MHz+15MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

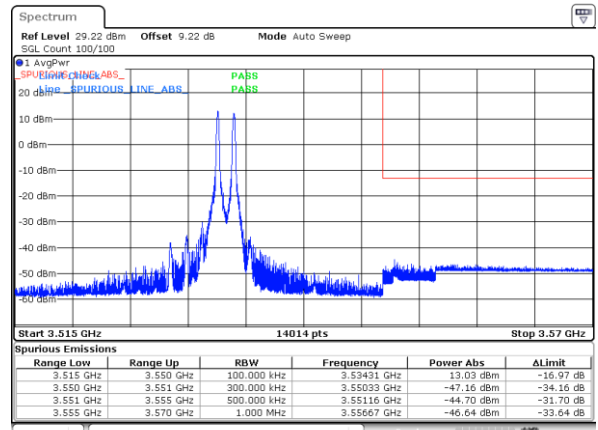
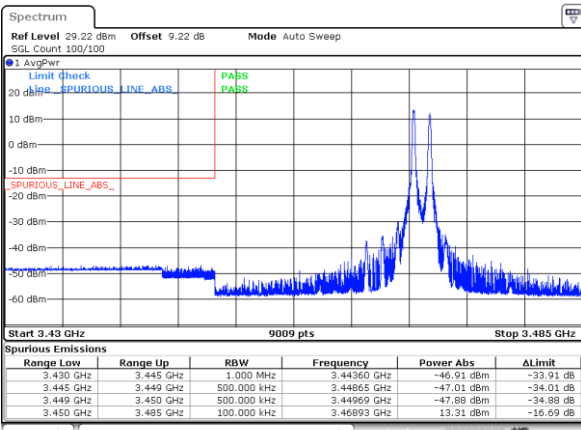


Date: 22.FEB.2024 03:09:21

Date: 22.FEB.2024 03:22:44

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

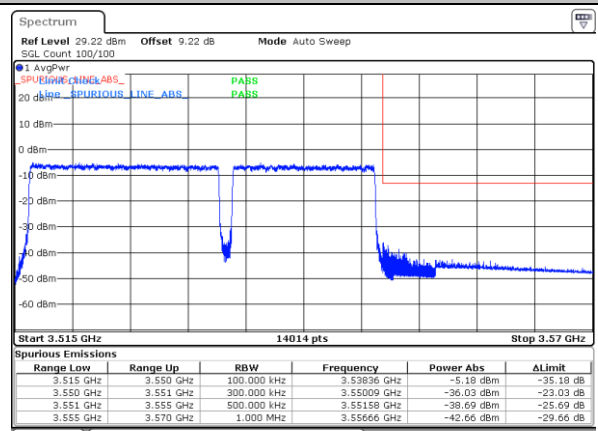
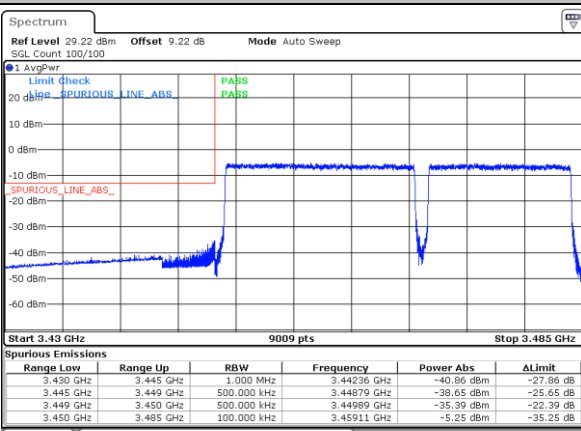


Date: 22.FEB.2024 03:05:55

Date: 22.FEB.2024 03:19:20

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 22.FEB.2024 03:12:47

Date: 22.FEB.2024 03:26:08

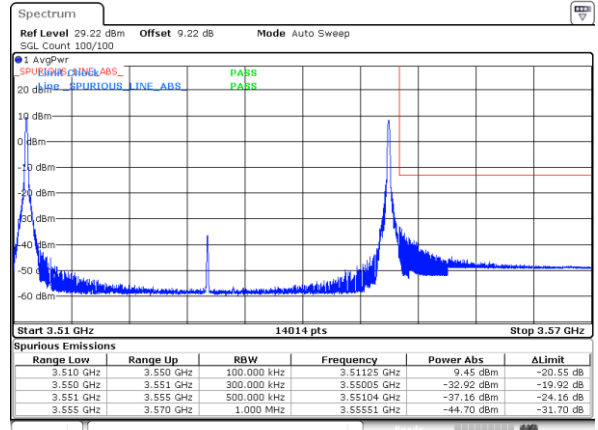
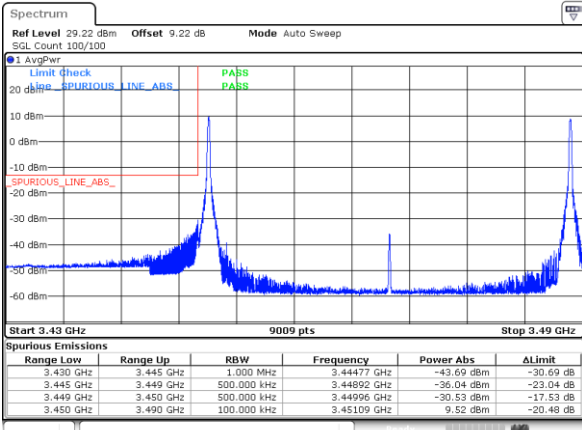


LTE Band 42C / 20MHz+20MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB99

Highest Band Edge / 1RB0 and 1RB99

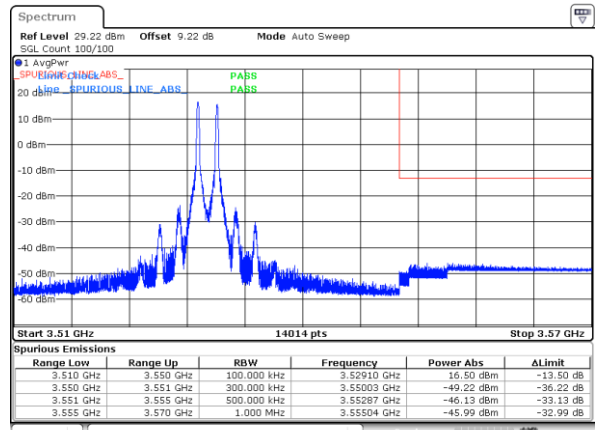
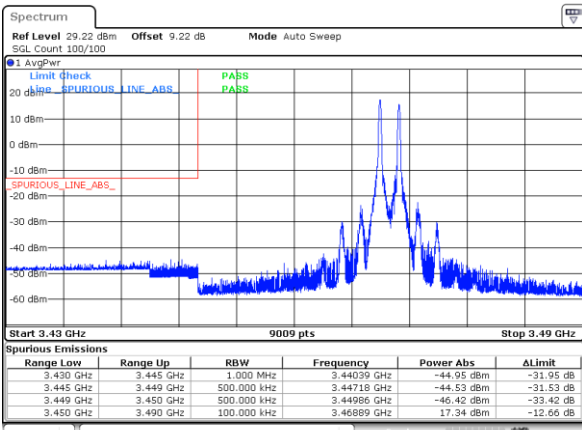


Date: 22.FEB.2024 03:31:48

Date: 22.FEB.2024 03:44:50

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

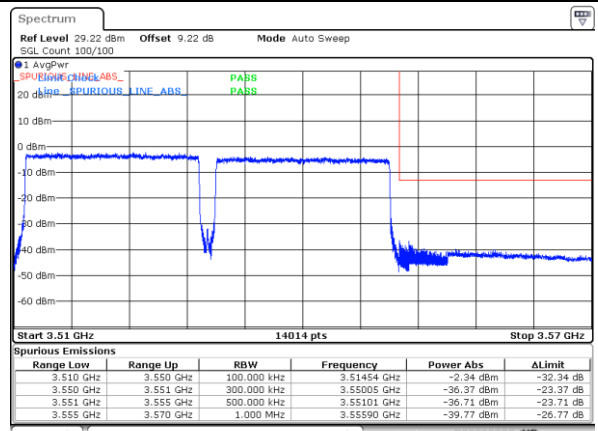
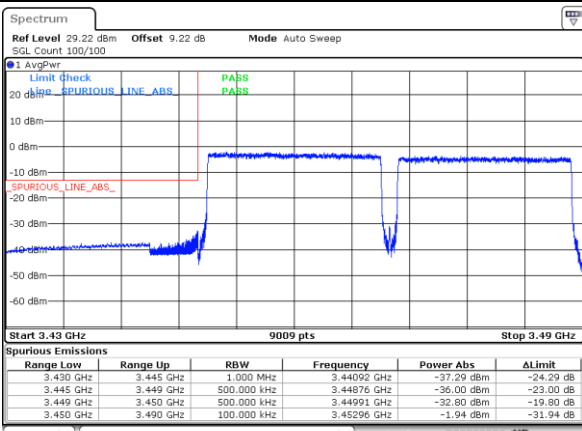


Date: 22.FEB.2024 03:28:28

Date: 22.FEB.2024 03:41:34

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 22.FEB.2024 03:35:07

Date: 22.FEB.2024 03:48:07

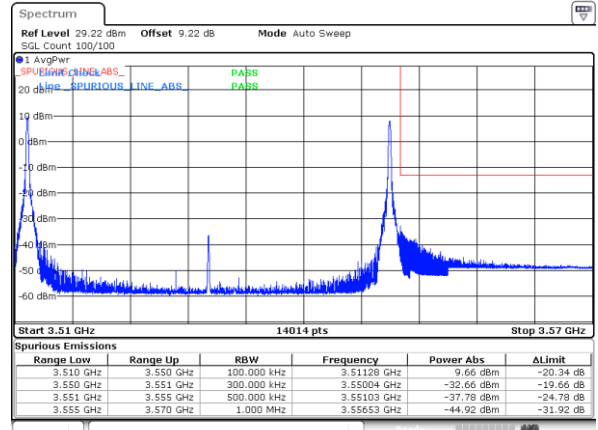
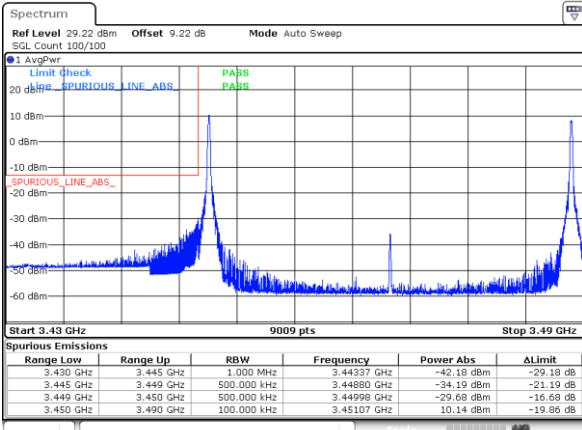


LTE Band 42C / 20MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

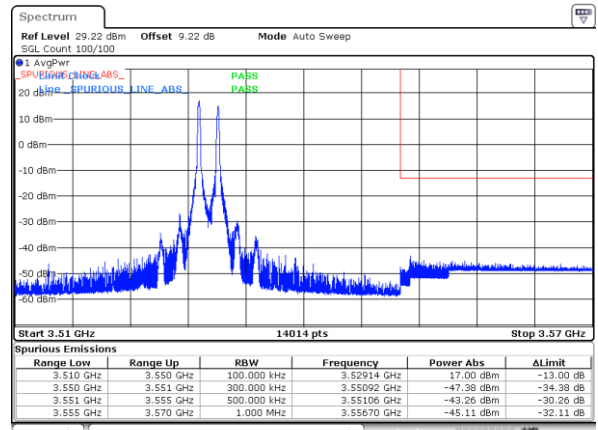
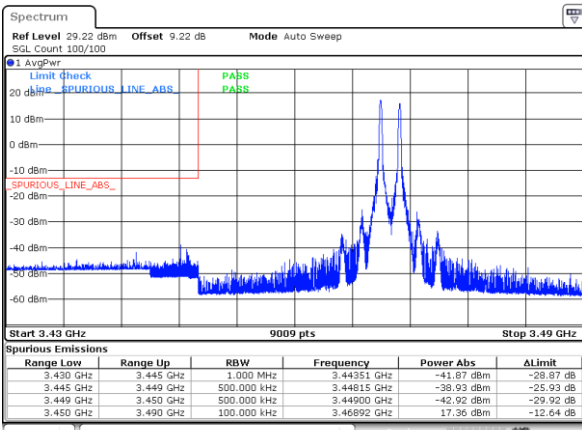


Date: 22.FEB.2024 03:32:17

Date: 22.FEB.2024 03:45:19

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

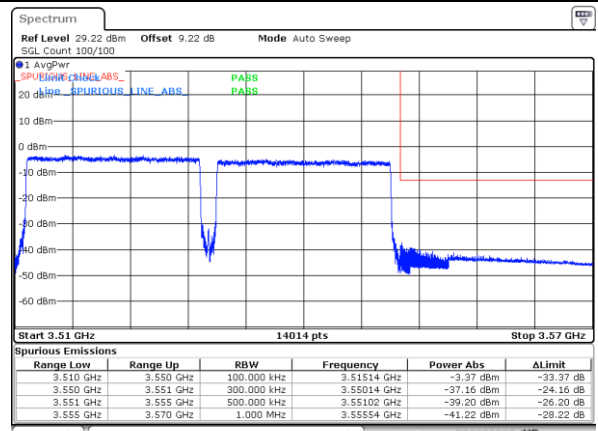
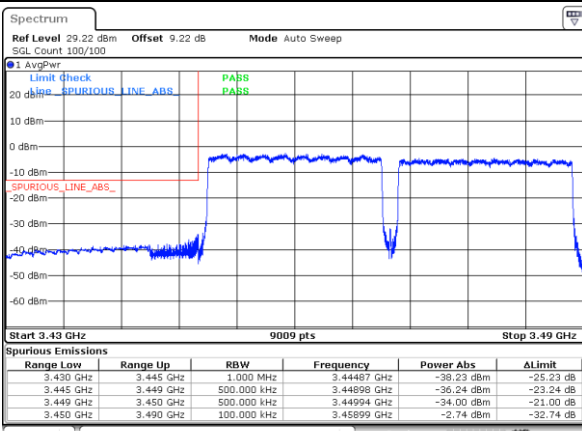


Date: 22.FEB.2024 03:29:17

Date: 22.FEB.2024 03:42:23

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 22.FEB.2024 03:35:57

Date: 22.FEB.2024 03:48:56

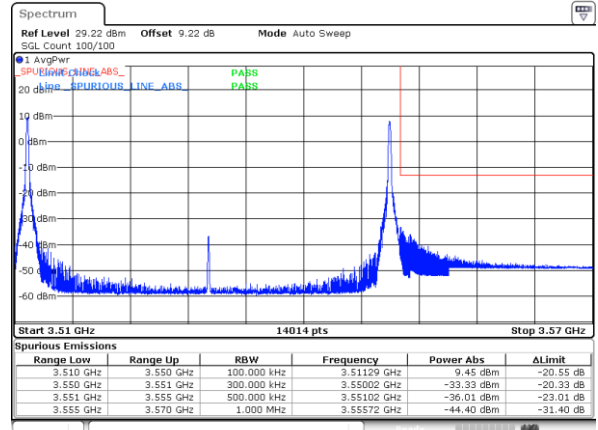
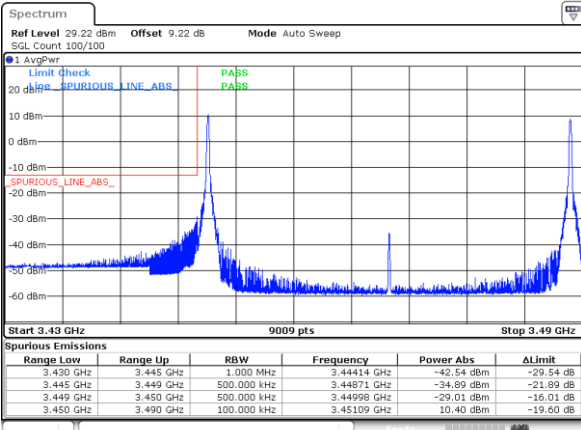


LTE Band 42C / 20MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

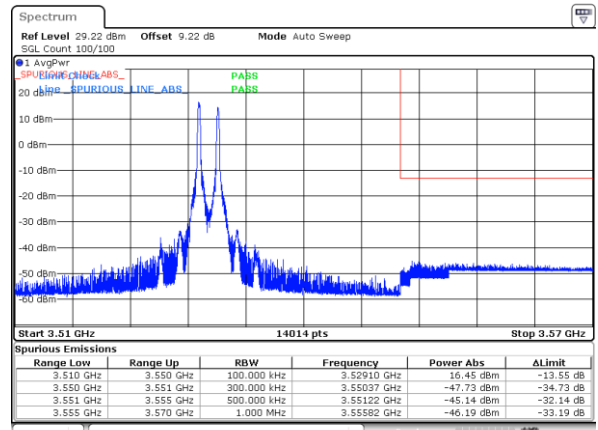
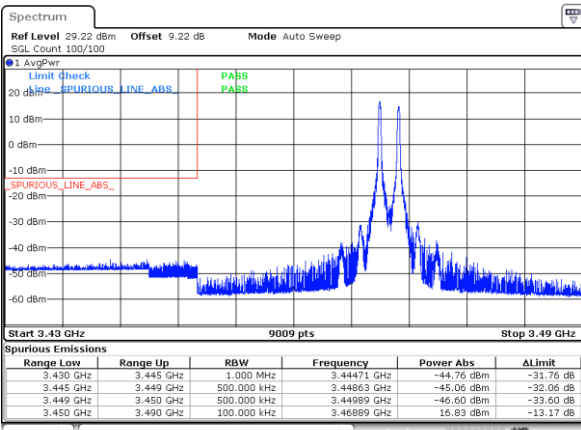


Date: 22.FEB.2024 03:33:27

Date: 22.FEB.2024 03:16:28

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

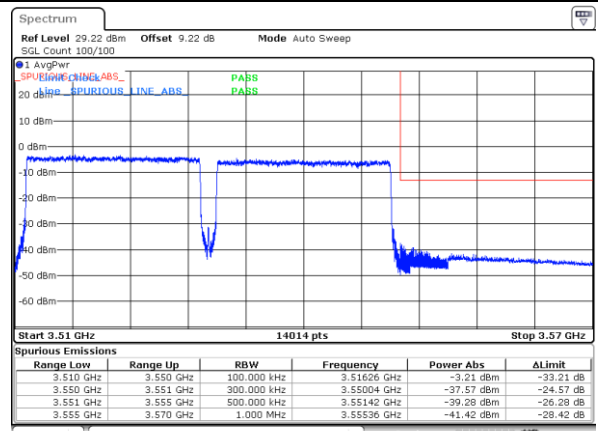
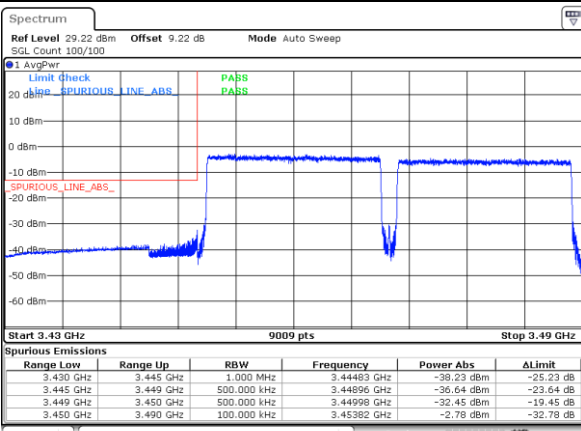


Date: 22.FEB.2024 03:30:07

Date: 22.FEB.2024 03:14:12

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 22.FEB.2024 03:36:47

Date: 22.FEB.2024 03:14:45

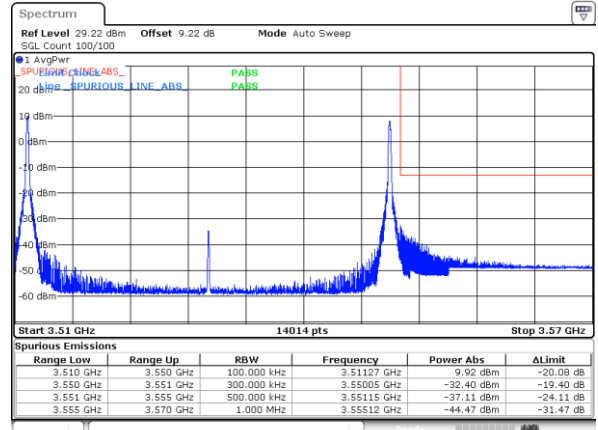
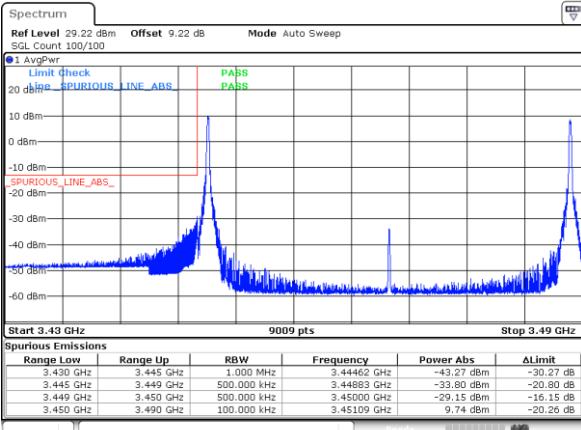


LTE Band 42C / 20MHz+20MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

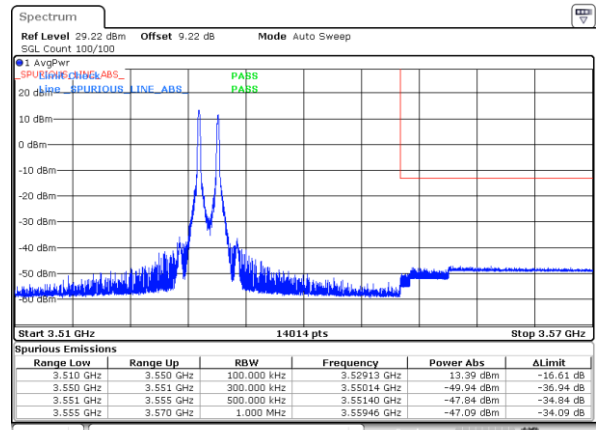
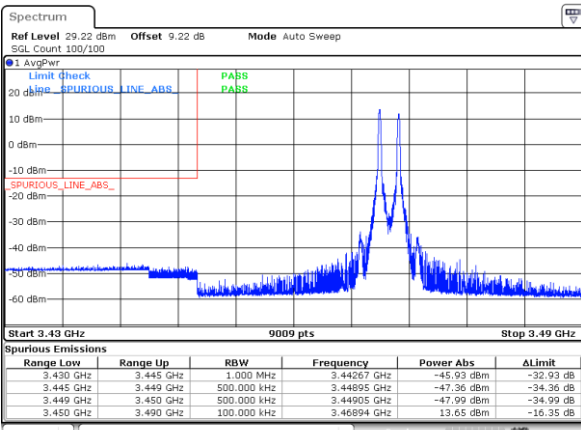


Date: 22.FEB.2024 03:34:17

Date: 22.FEB.2024 03:47:17

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

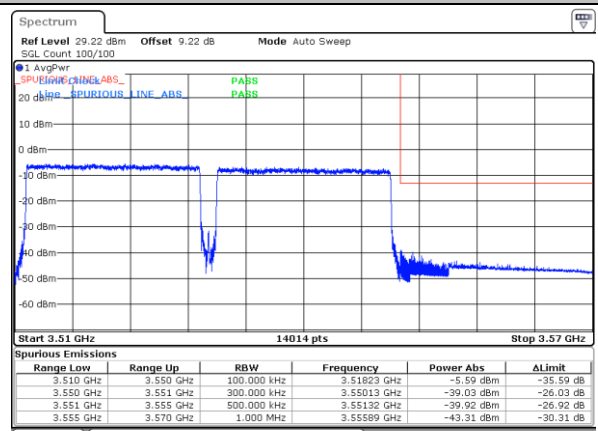
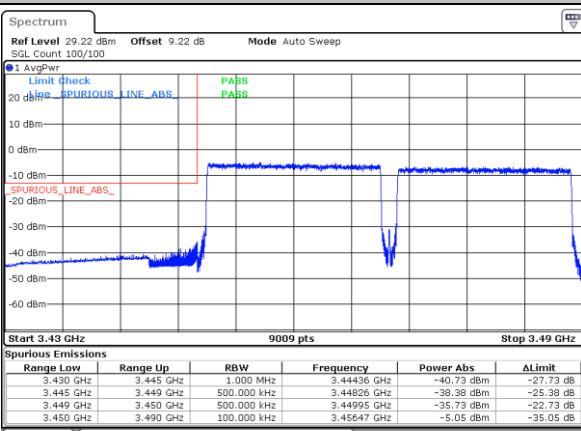


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Lowest Band Edge / Full RB

Highest Band Edge / Full RB

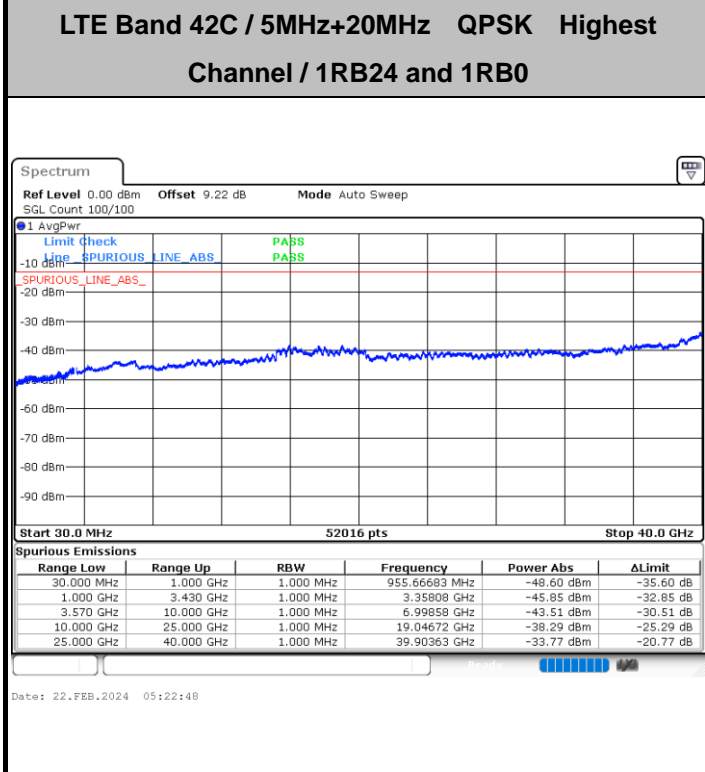
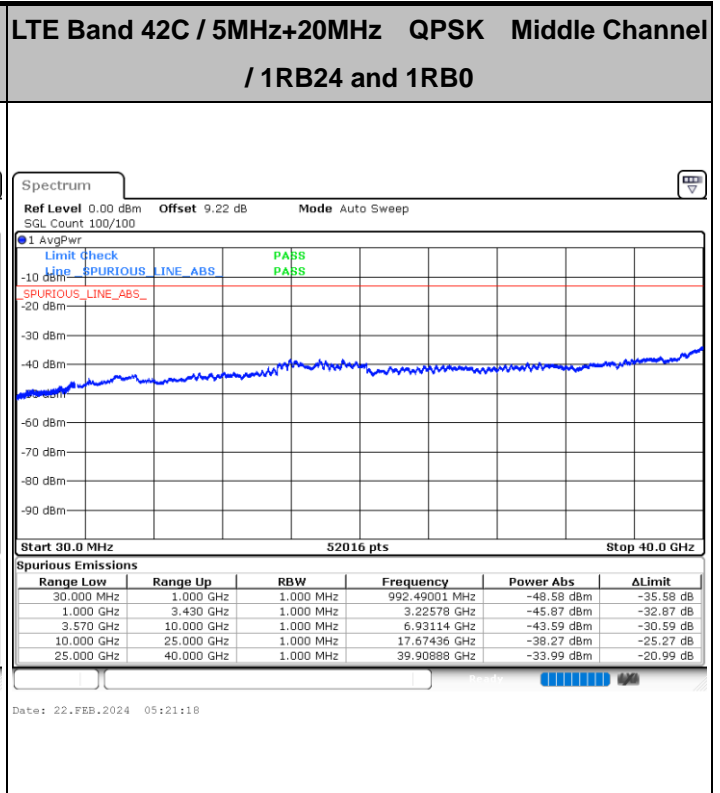
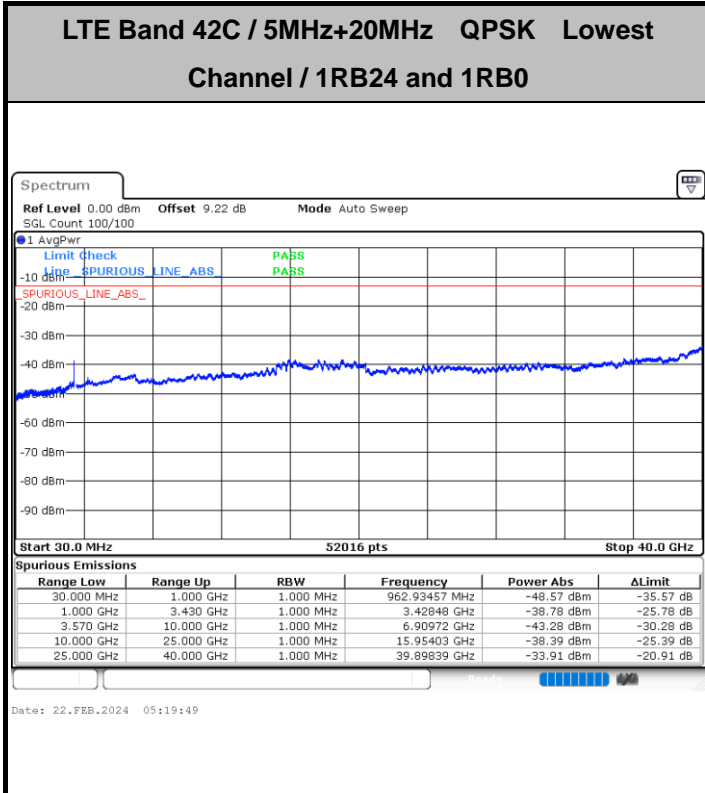


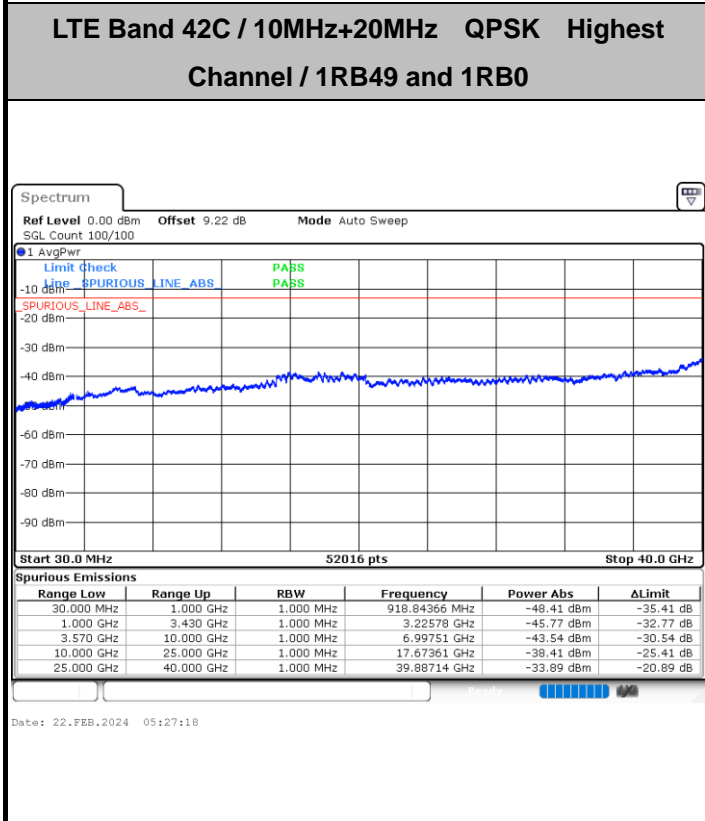
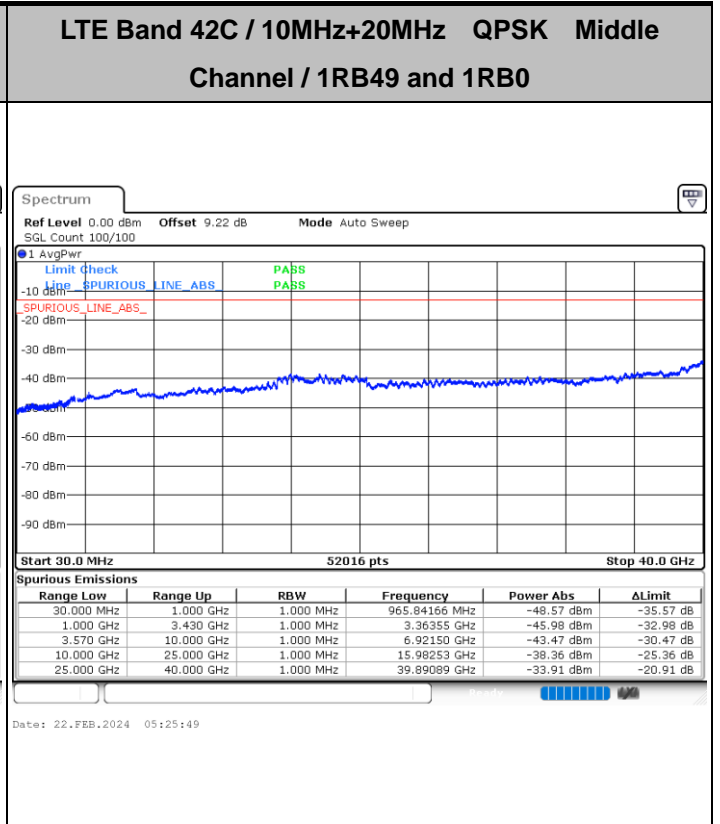
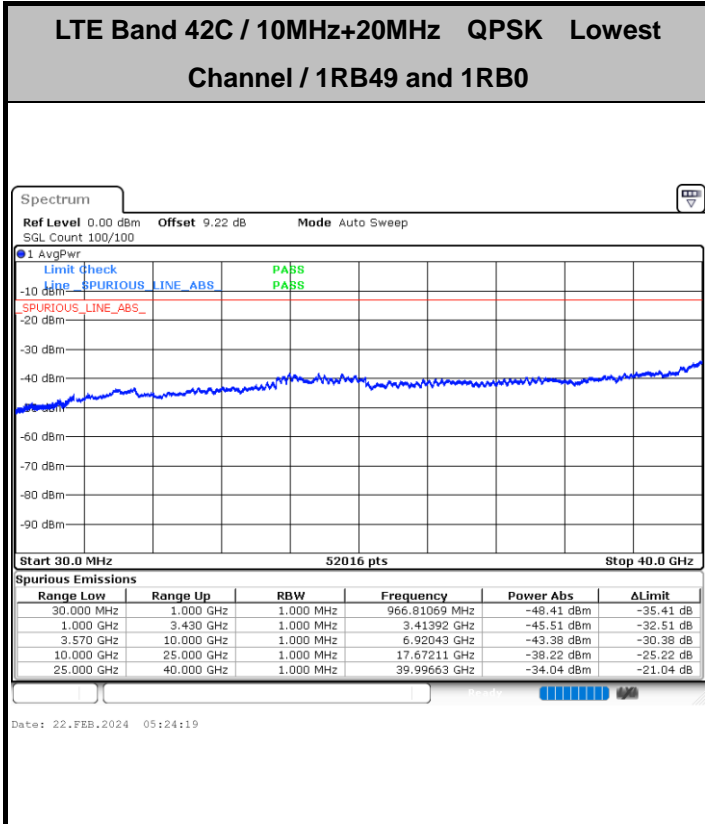
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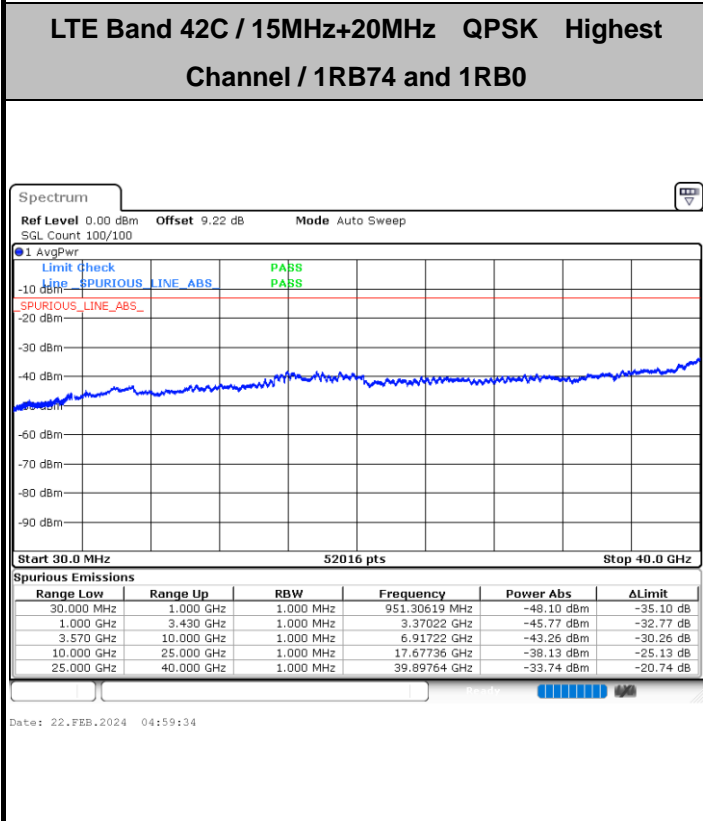
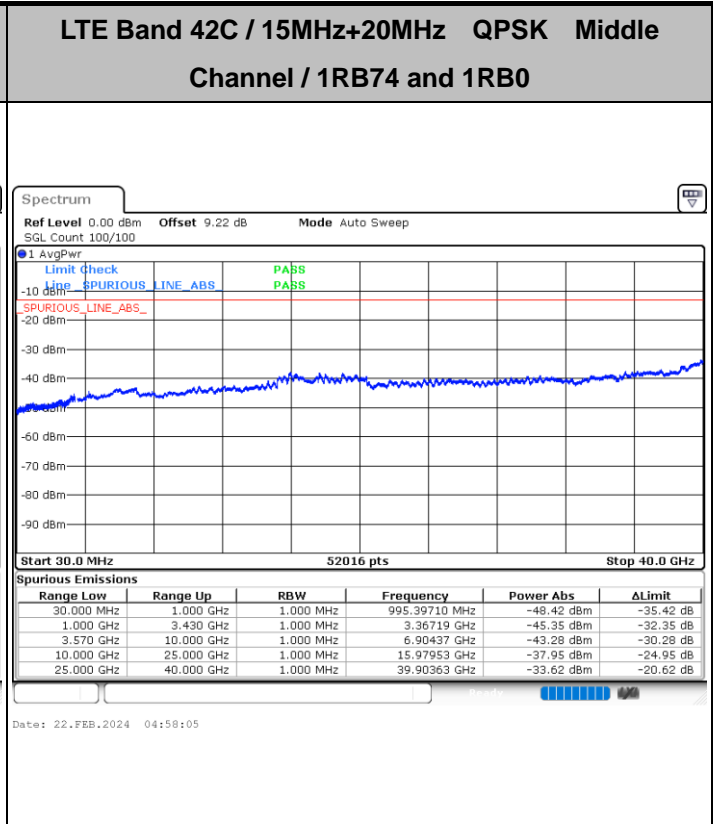
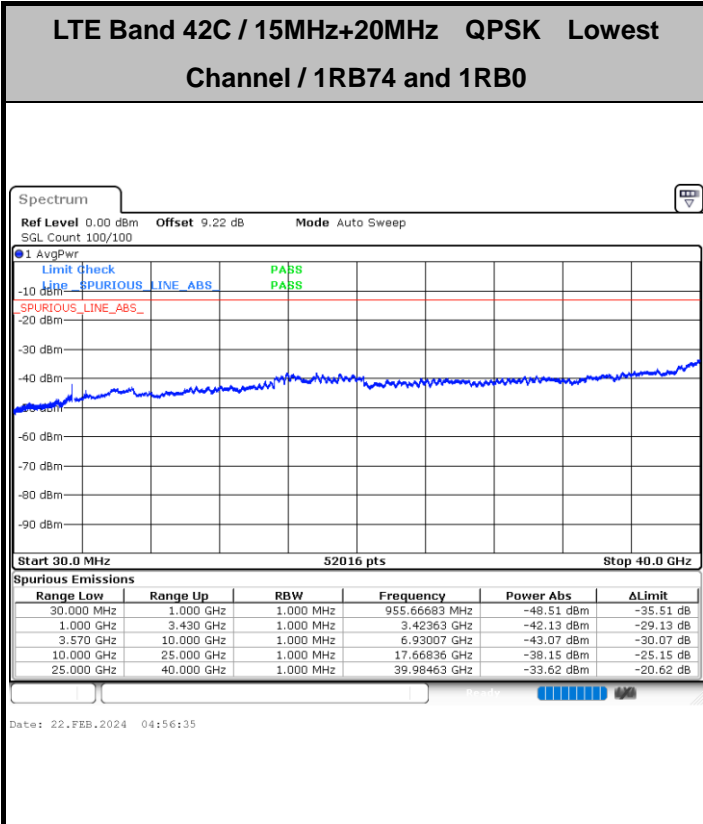
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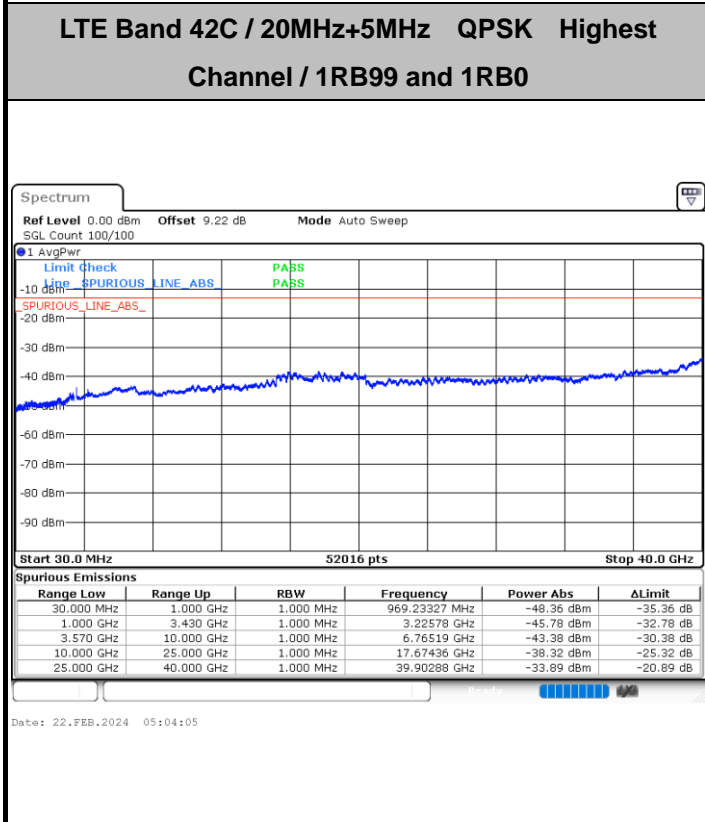
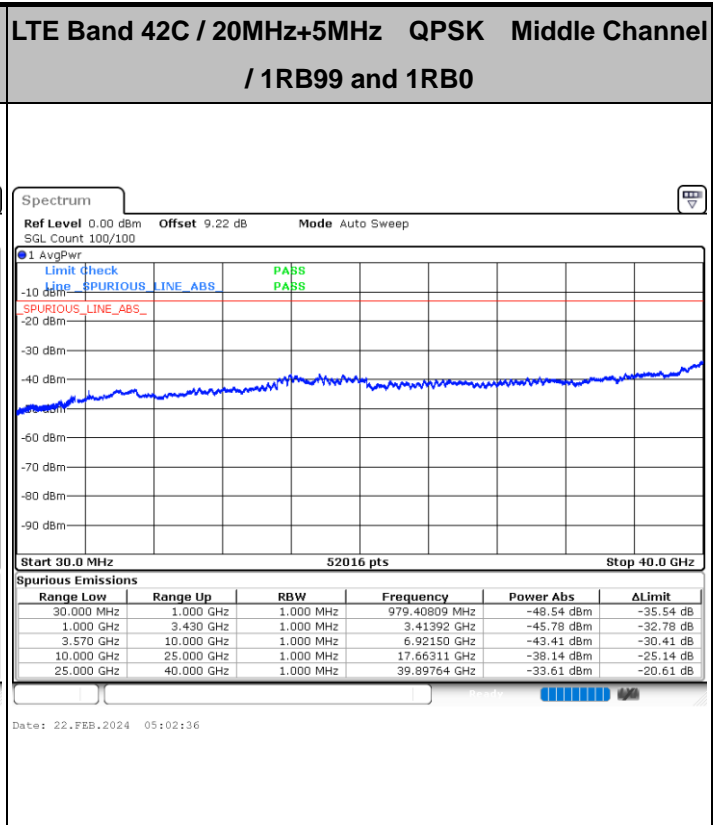
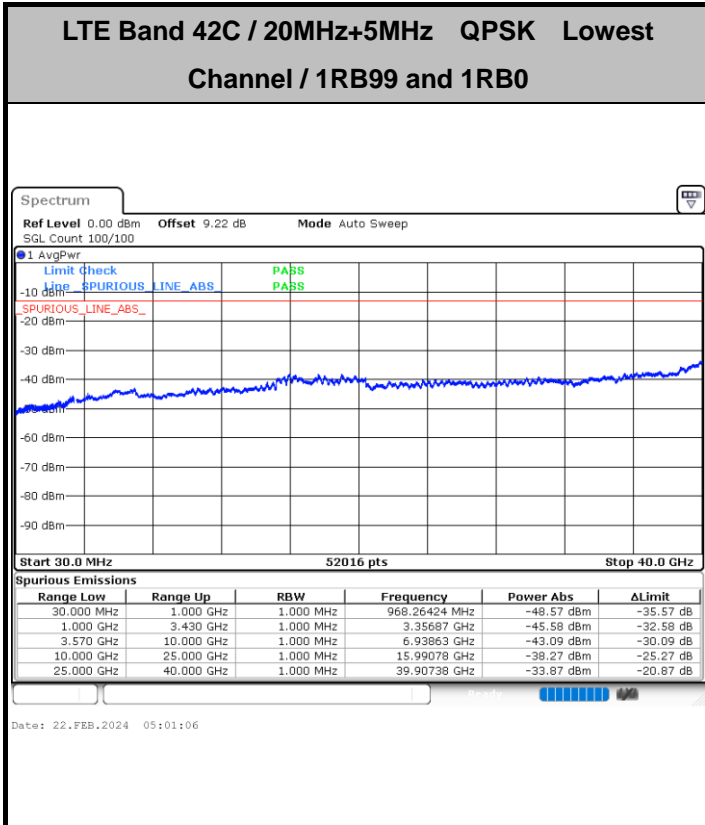


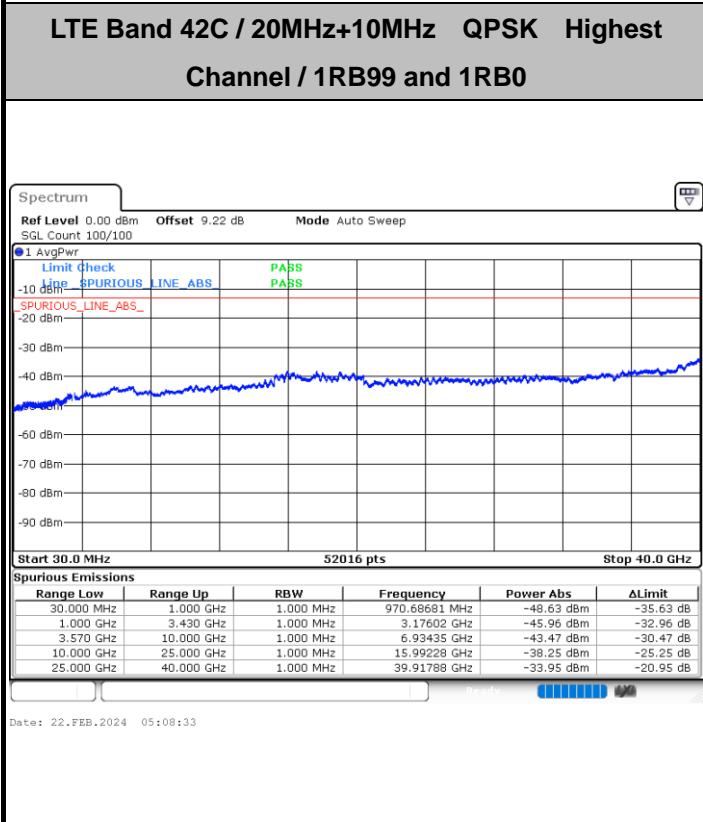
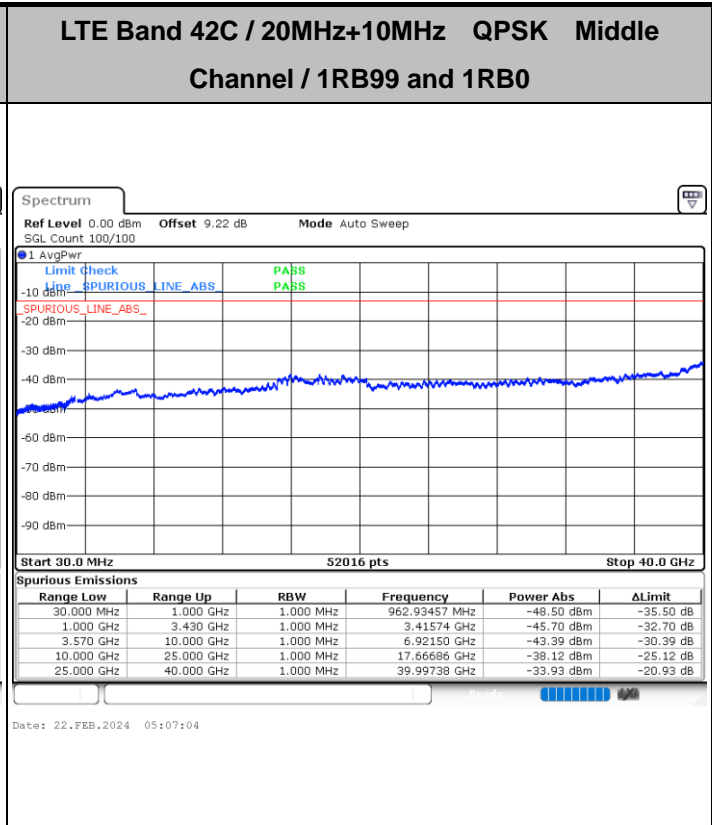
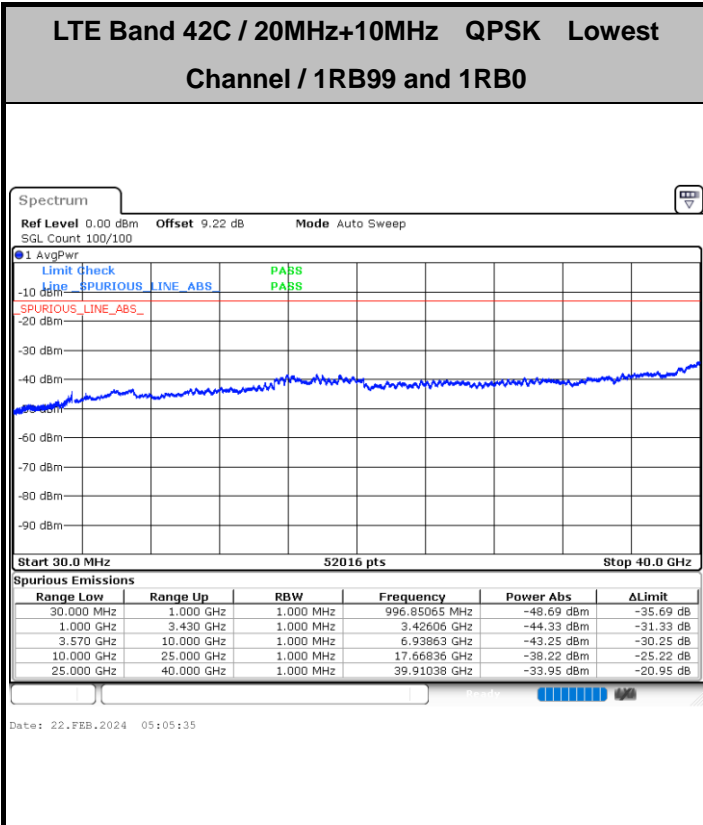
Conducted Spurious Emission

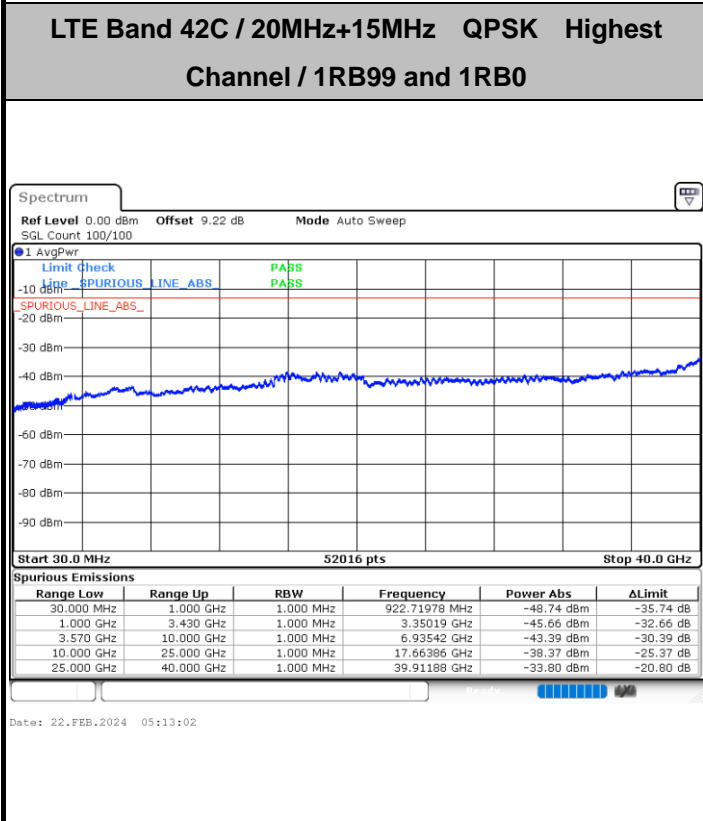
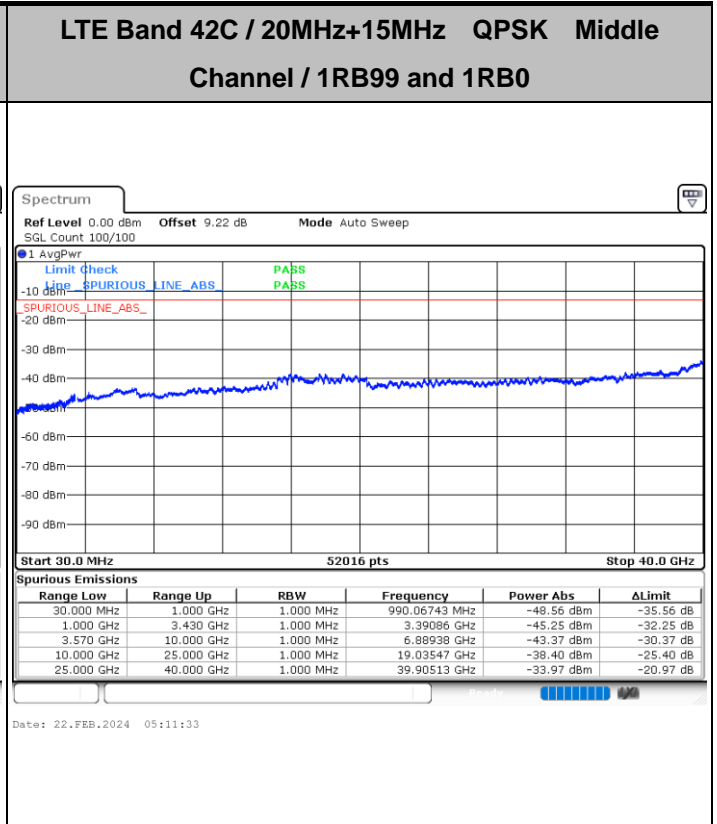
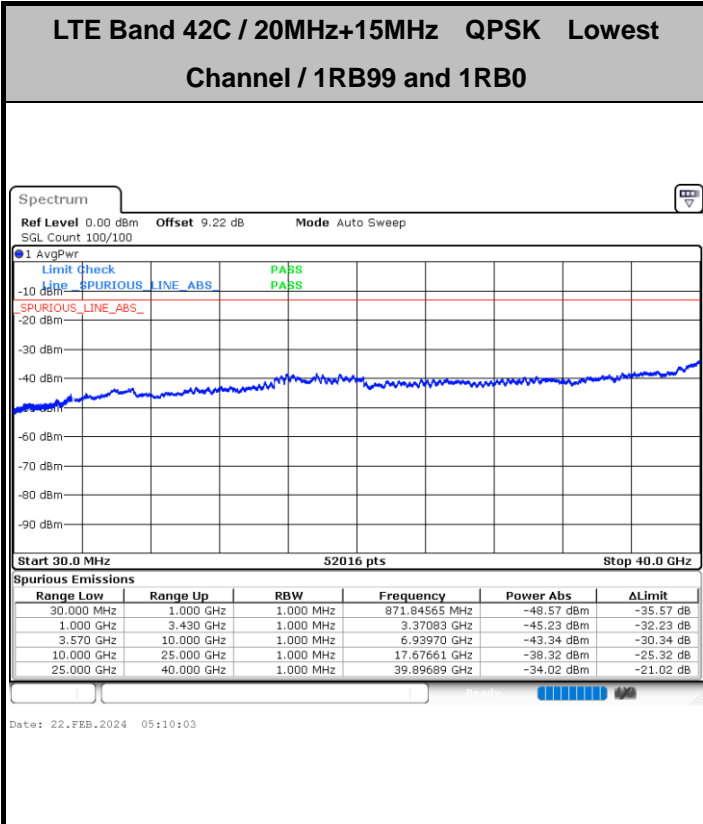


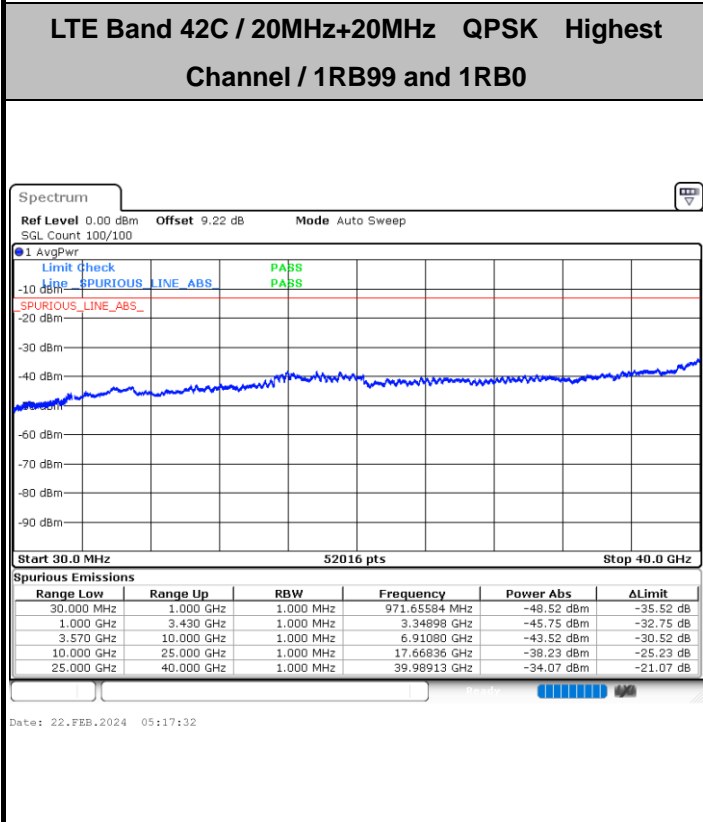
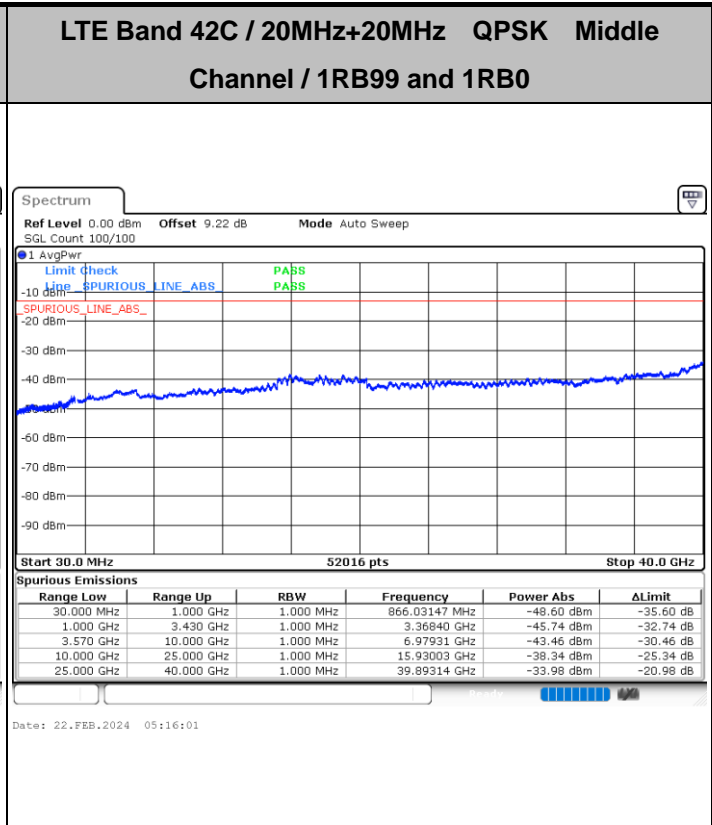
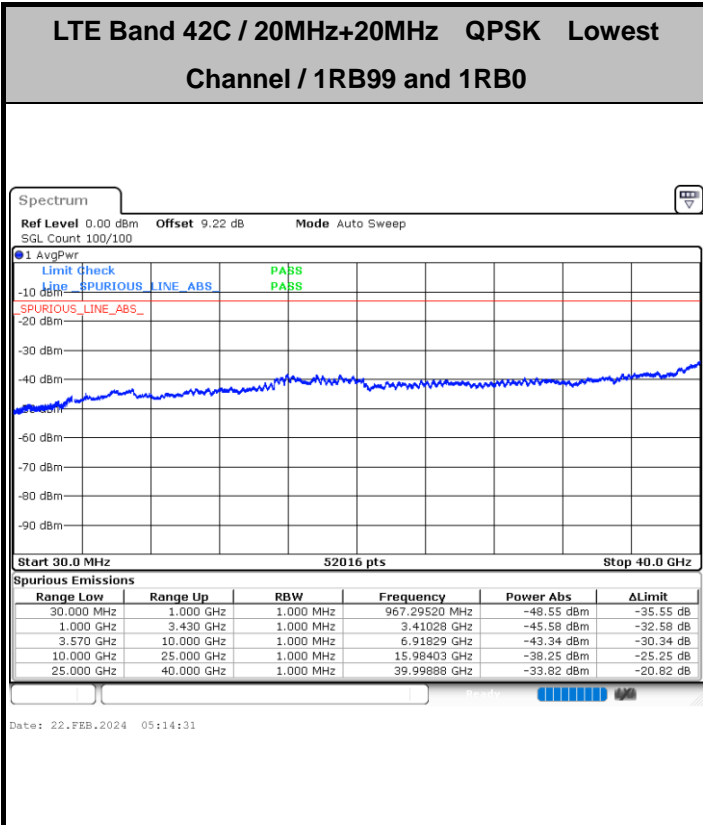












Frequency Stability

Test Conditions		LTE Band 42C (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20+20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0142	PASS
40	Normal Voltage	0.0121	
30	Normal Voltage	0.0074	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0135	
0	Normal Voltage	0.0173	
-10	Normal Voltage	0.0096	
-20	Normal Voltage	0.0044	
-30	Normal Voltage	0.0152	
20	Maximum Voltage	0.0147	
20	Normal Voltage	0.0089	
20	Battery End Point	0.0122	

Note:

1. Normal Voltage =3.91 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.5 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

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

LTE Band 42C / 20MHz+20MHz / QPSK / Ant. 2								
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	-56.43	-13	-43.43	-66.64	3.03	13.24	H
	7002	-61.22	-13	-48.22	-70.67	3.56	13.01	H
	10440	-43.49	-13	-30.49	-53.01	3.92	13.44	H
	6960	-58.37	-13	-45.37	-68.58	3.03	13.24	V
	7001	-61.92	-13	-48.92	-71.37	3.56	13.01	V
	10440	-50.67	-13	-37.67	-60.19	3.92	13.44	V

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