

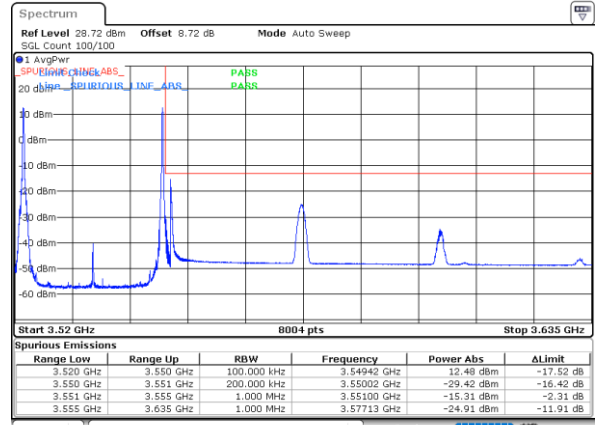
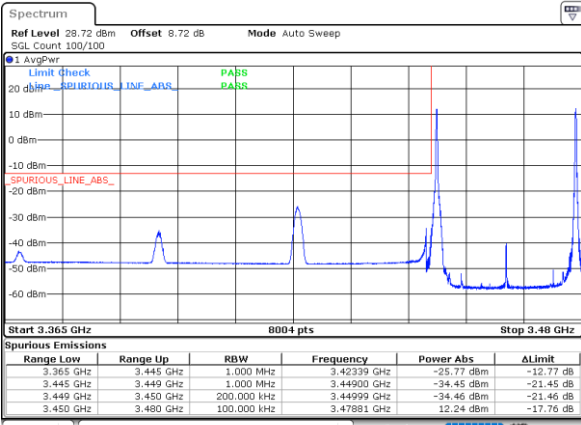


LTE Band 42C / 20MHz+10MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

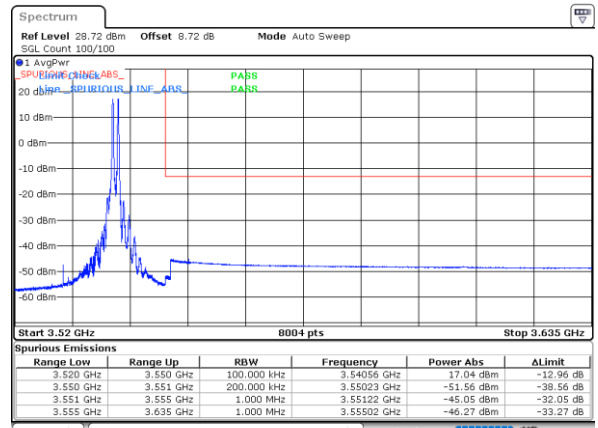
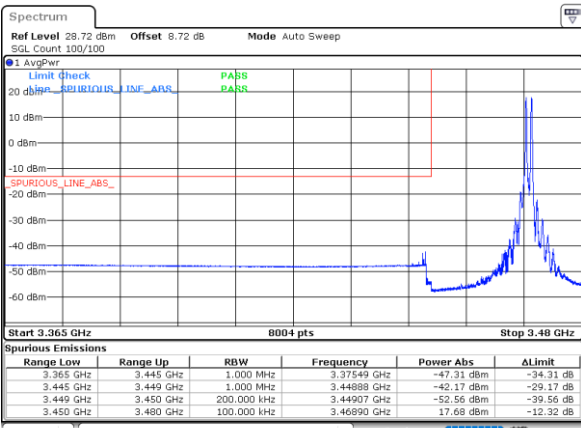


Date: 10_SEP.2022 13:47:07

Date: 10_SEP.2022 13:55:48

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

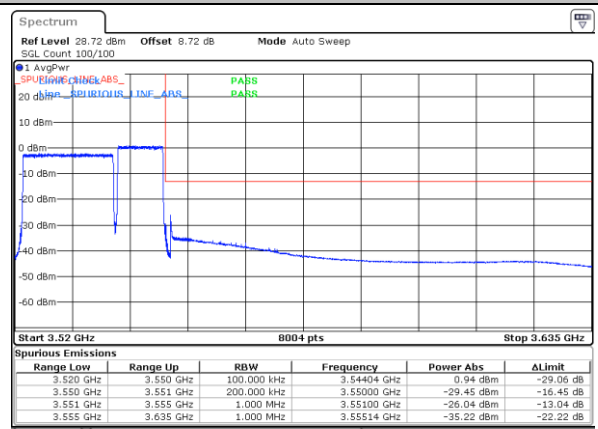
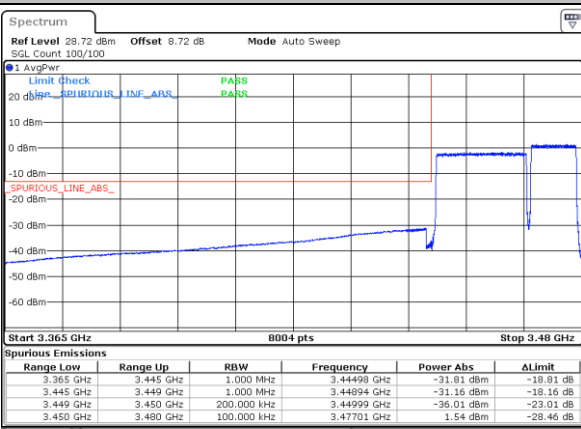


Date: 10_SEP.2022 13:51:53

Date: 10_SEP.2022 14:00:33

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 10_SEP.2022 13:46:10

Date: 10_SEP.2022 13:54:51

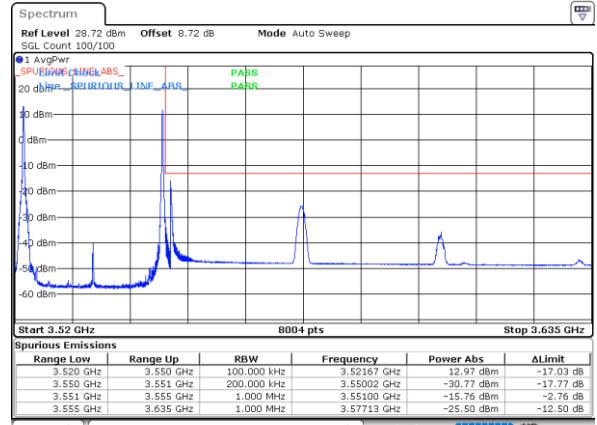
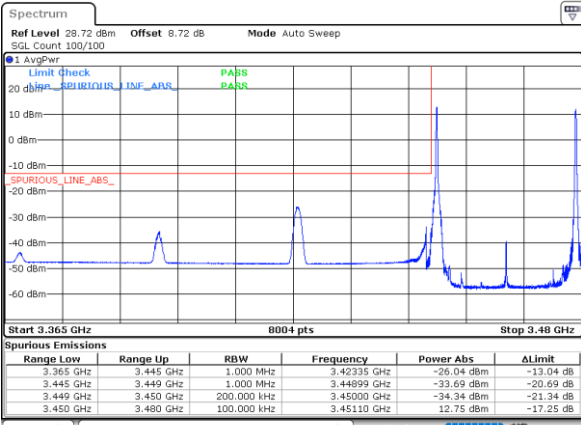


LTE Band 42C / 20MHz+10MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

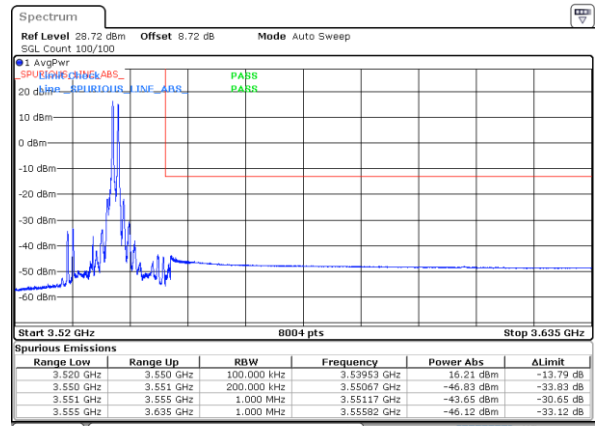
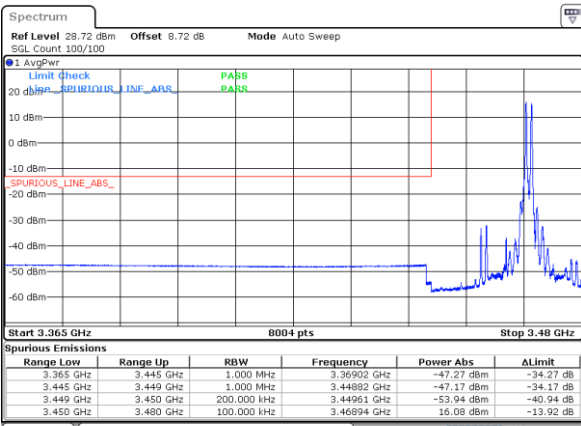


Date: 10_SEP_2022 15:50:40

Date: 10_SEP_2022 15:59:06

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

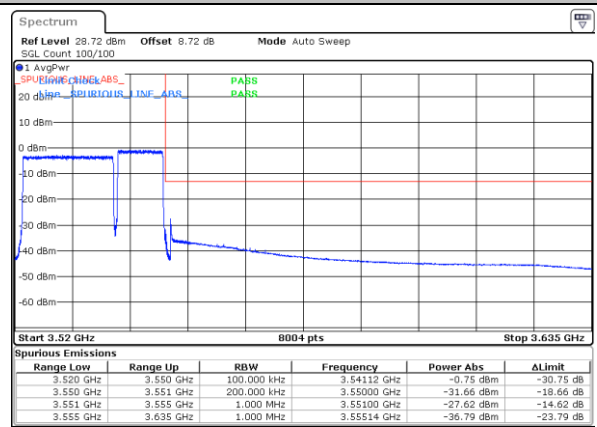
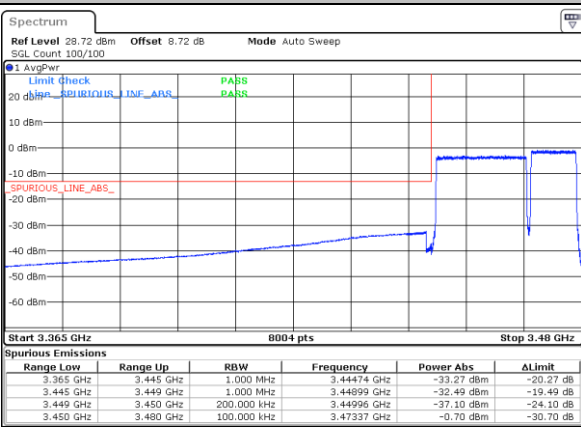


Date: 10_SEP_2022 15:51:38

Date: 10_SEP_2022 15:58:09

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 10_SEP_2022 15:49:43

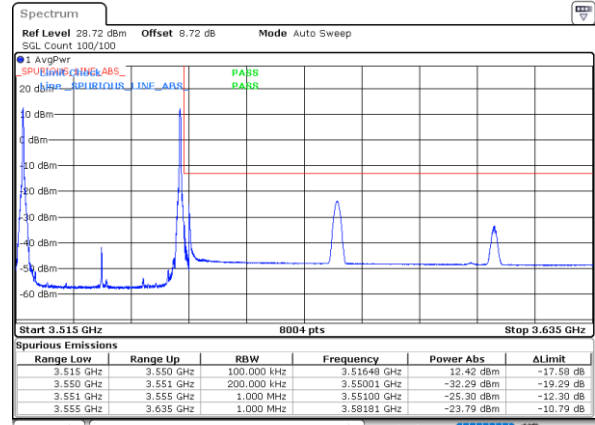
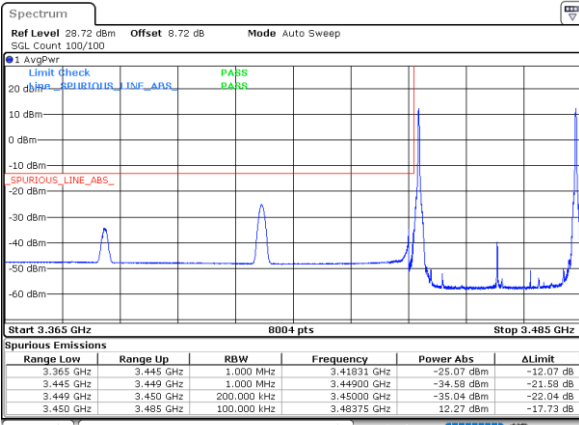
Date: 10_SEP_2022 16:00:03

LTE Band 42C / 20MHz+15MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

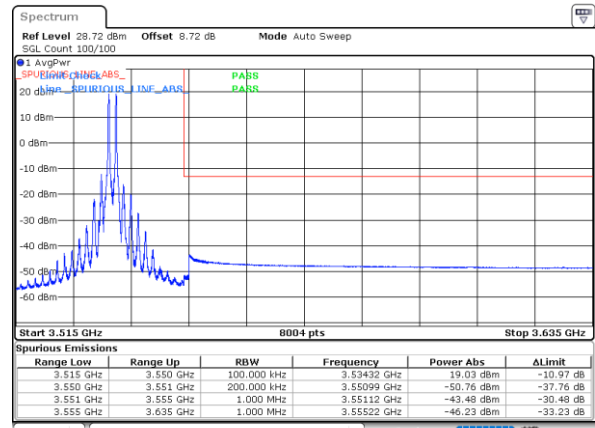
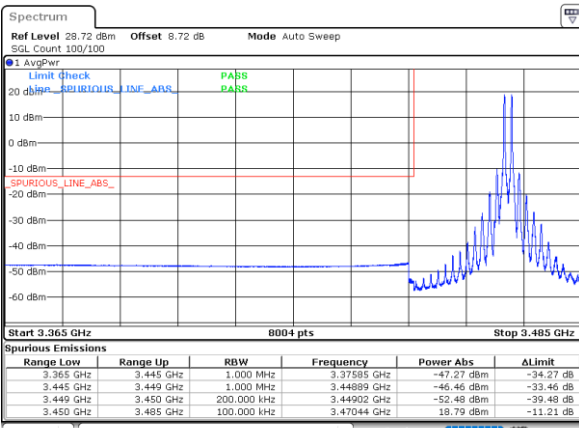


Date: 10_SEP.2022 14:24:36

Date: 10_SEP.2022 14:33:16

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

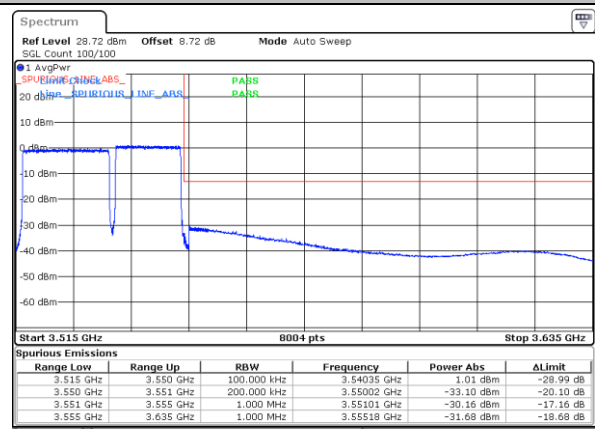
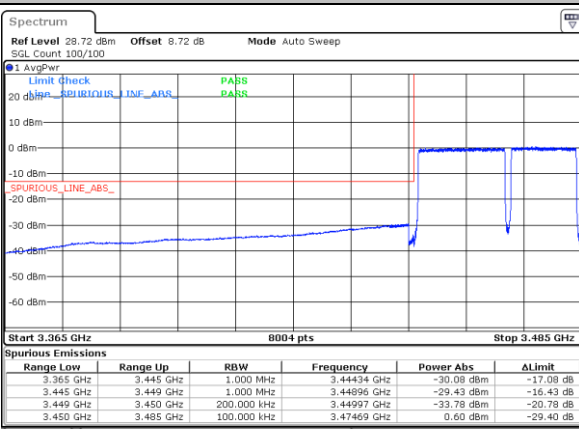


Date: 10_SEP.2022 14:25:33

Date: 10_SEP.2022 14:34:13

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 10_SEP.2022 14:19:50

Date: 10_SEP.2022 14:28:31

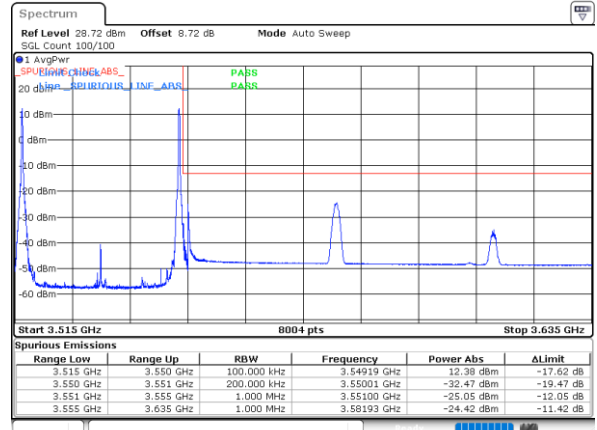
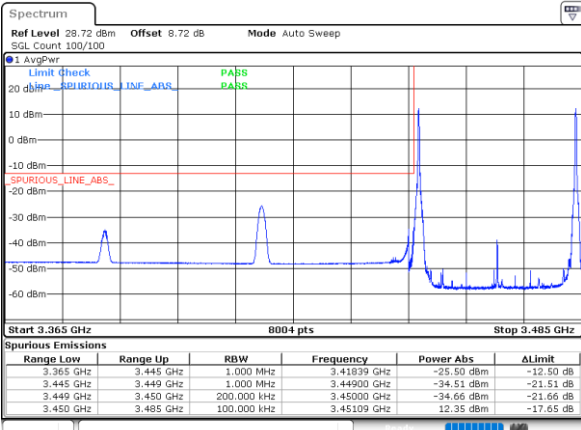


LTE Band 42C / 20MHz+15MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

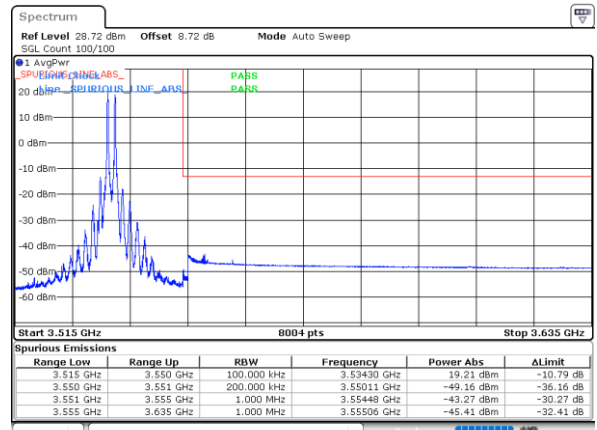
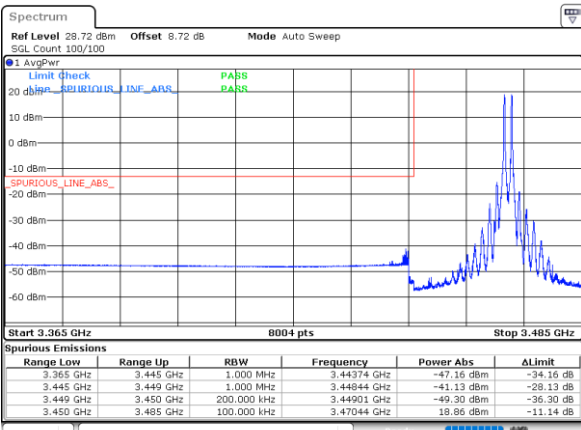


Date: 10_SEP.2022 14:23:19

Date: 10_SEP.2022 14:32:19

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

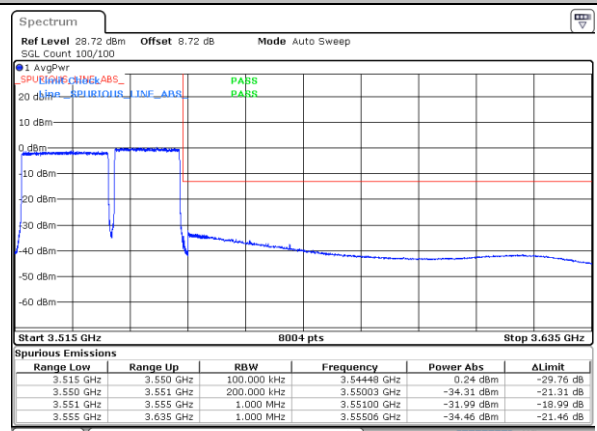
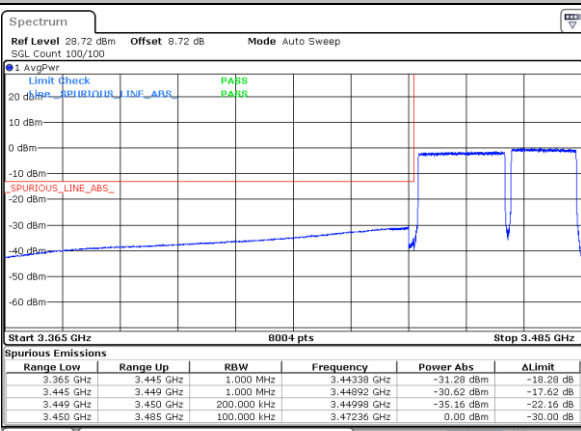


Date: 10_SEP.2022 14:26:30

Date: 10_SEP.2022 14:35:10

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 10_SEP.2022 14:20:47

Date: 10_SEP.2022 14:29:28

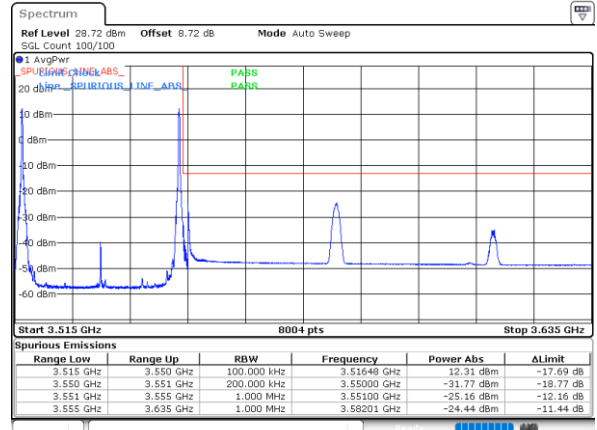
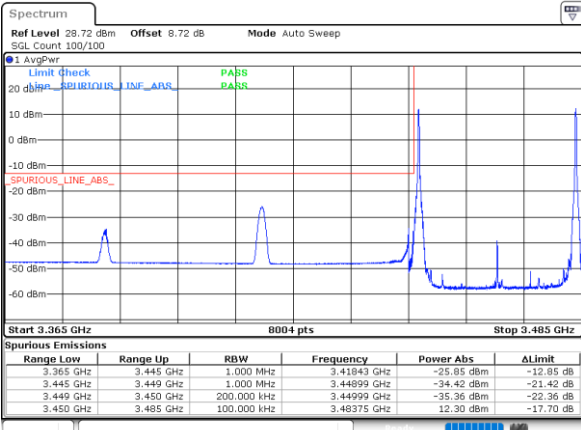


LTE Band 42C / 20MHz+15MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

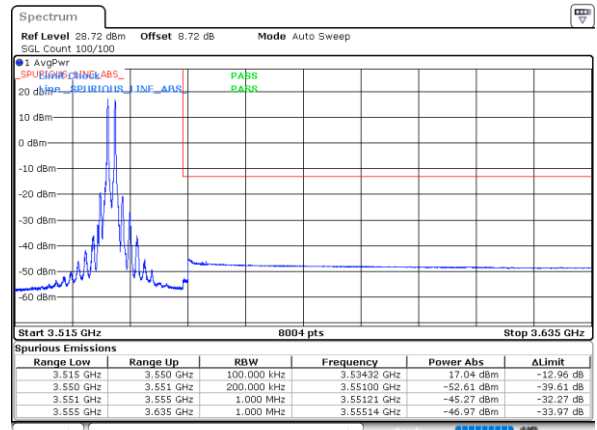
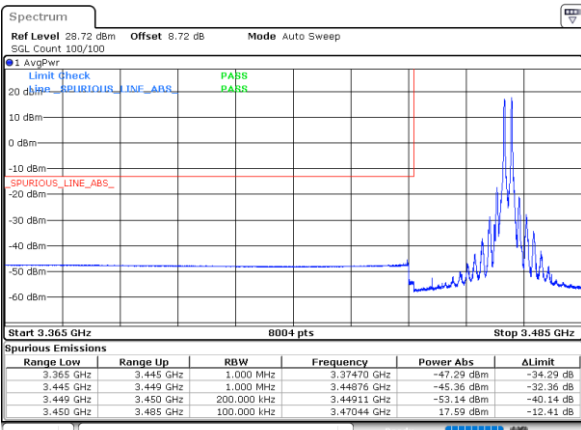


Date: 10_SEP_2022 14:22:42

Date: 10_SEP_2022 14:31:22

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

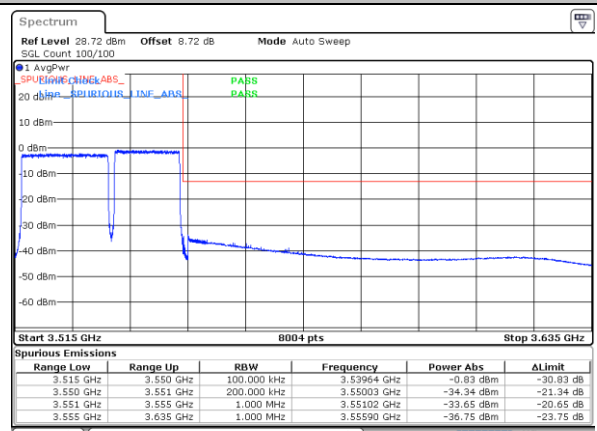
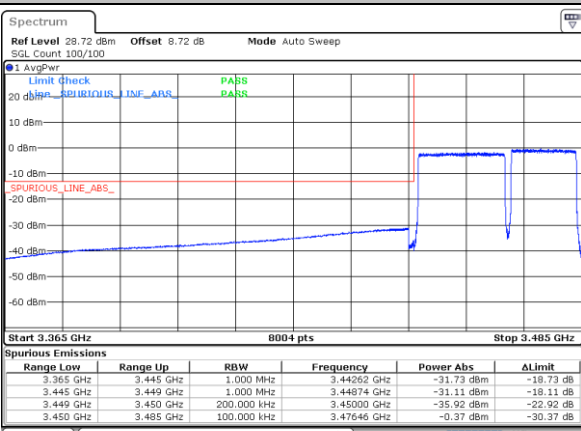


Date: 10_SEP_2022 14:27:27

Date: 10_SEP_2022 14:36:08

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 10_SEP_2022 14:21:44

Date: 10_SEP_2022 14:30:25

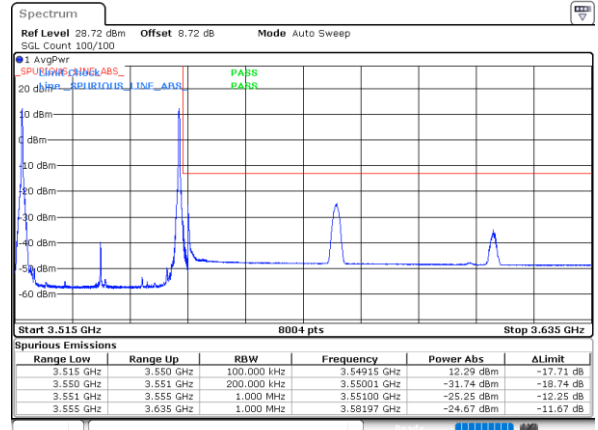
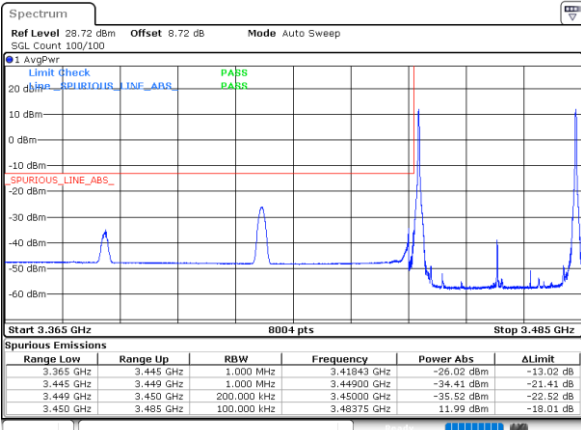


LTE Band 42C / 20MHz+15MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

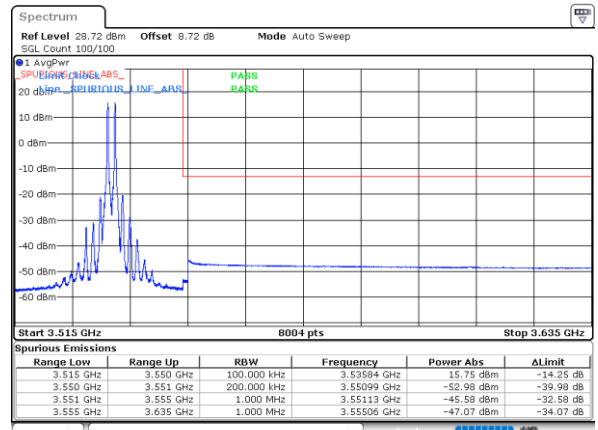
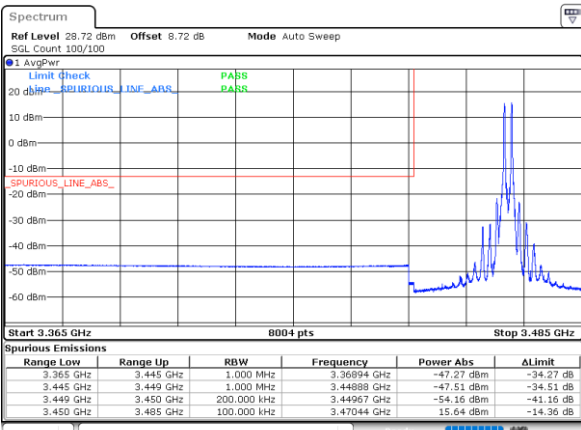


Date: 10_SEP_2022 16:14:37

Date: 10_SEP_2022 16:23:01

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

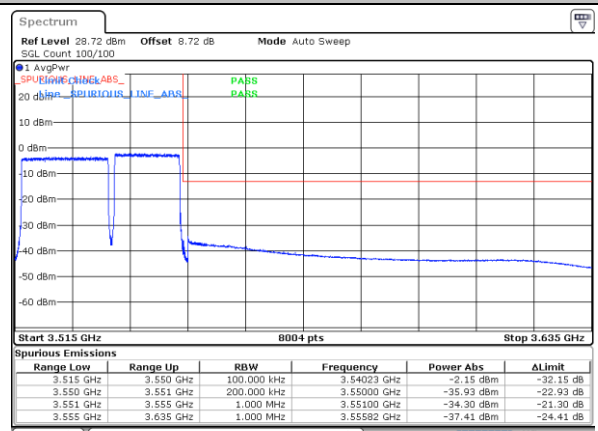
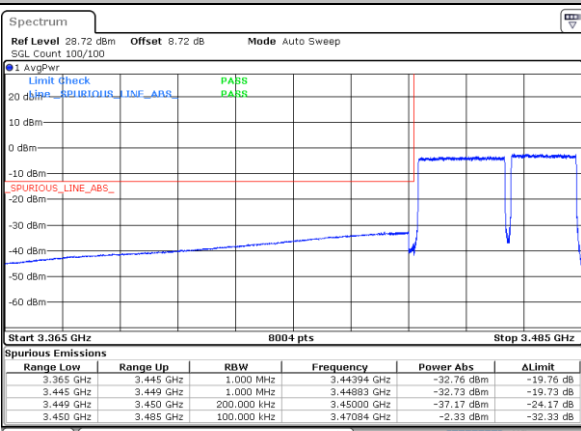


Date: 10_SEP_2022 16:15:34

Date: 10_SEP_2022 16:22:04

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 10_SEP_2022 16:13:39

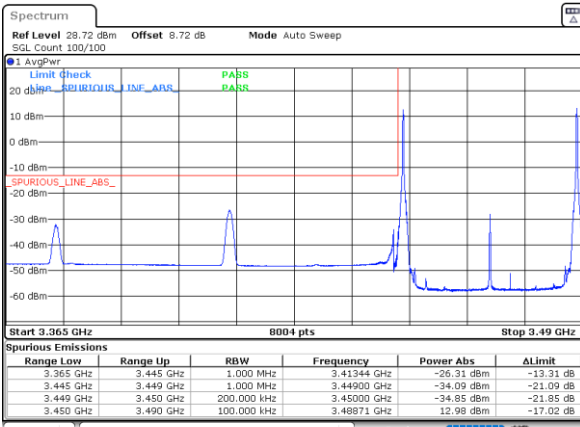
Date: 10_SEP_2022 16:23:58



LTE Band 42C / 20MHz+20MHz

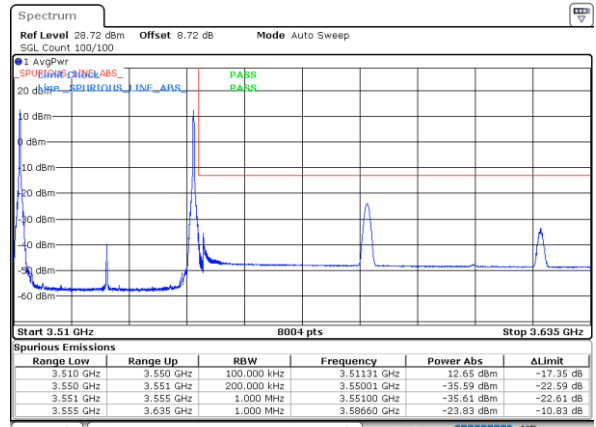
QPSK

Lowest Band Edge / 1RB0 and 1RB99



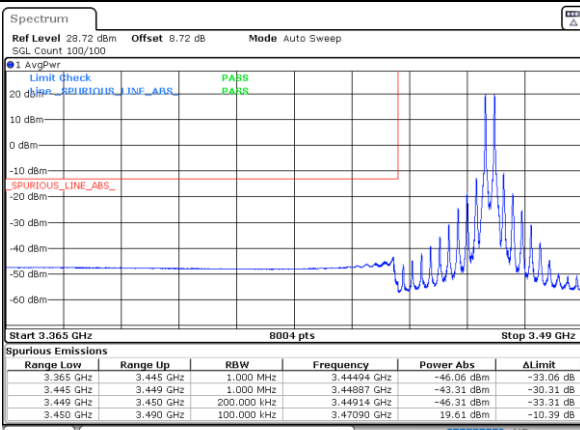
Date: 9.OCT.2022 14:28:07

Highest Band Edge / 1RB0 and 1RB99



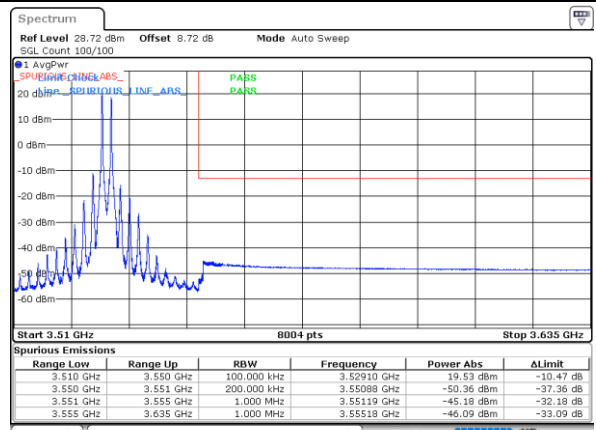
Date: 10.SEP.2022 14:53:23

Lowest Band Edge / 1RB99 and 1RB0



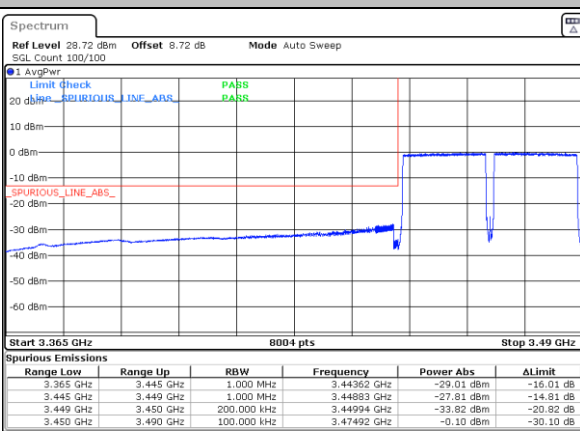
Date: 9.OCT.2022 14:34:38

Highest Band Edge / 1RB99 and 1RB0



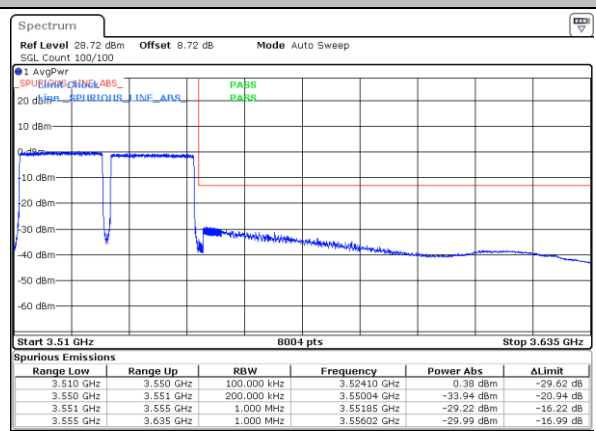
Date: 10.SEP.2022 14:54:20

Lowest Band Edge / Full RB



Date: 9.OCT.2022 14:21:36

Highest Band Edge / Full RB



Date: 10.SEP.2022 14:48:37

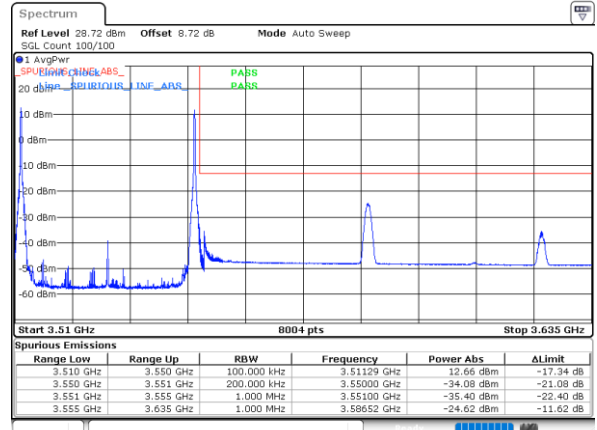
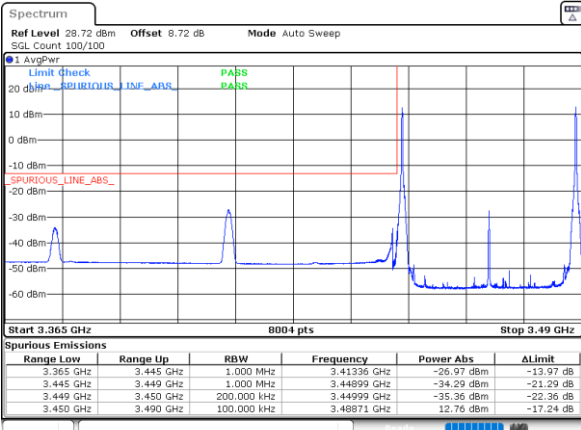


LTE Band 42C / 20MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

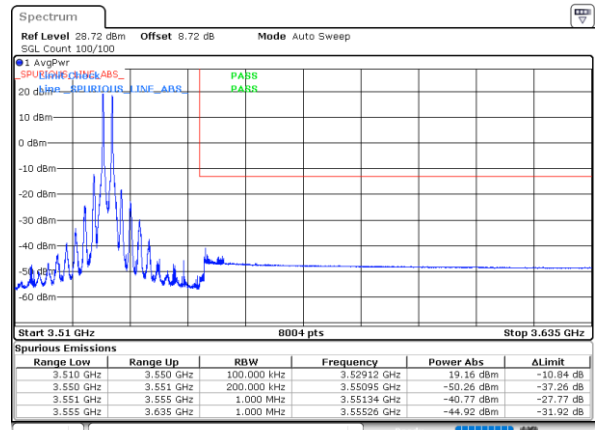
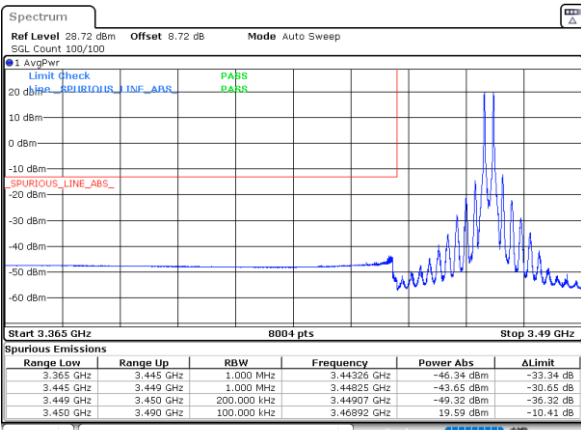


Date: 9.OCT.2022 14:29:44

Date: 10.SEP.2022 14:52:26

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

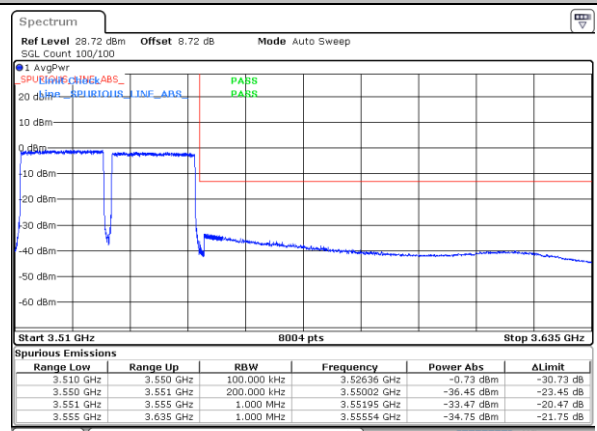
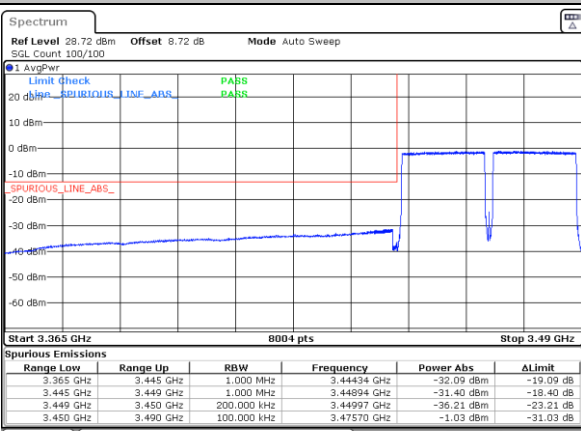


Date: 9.OCT.2022 14:36:16

Date: 10.SEP.2022 14:55:17

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 9.OCT.2022 14:23:15

Date: 10.SEP.2022 14:49:34

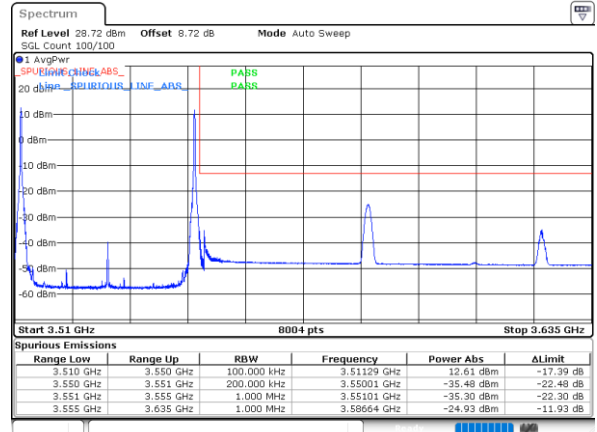
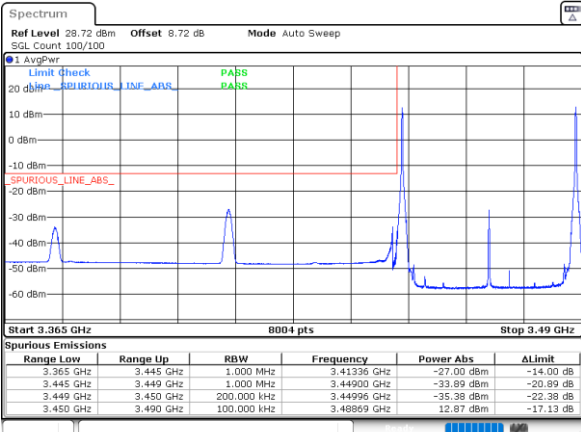


LTE Band 42C / 20MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

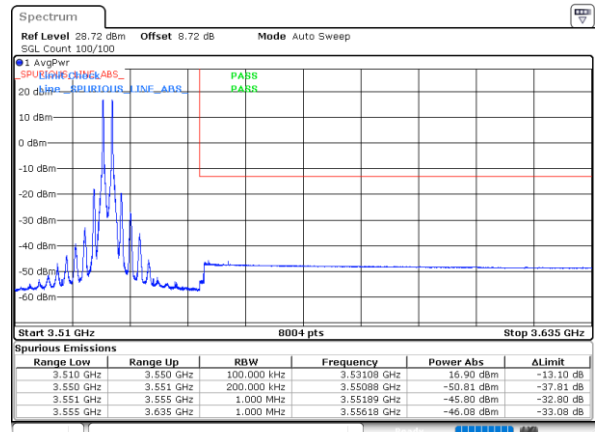
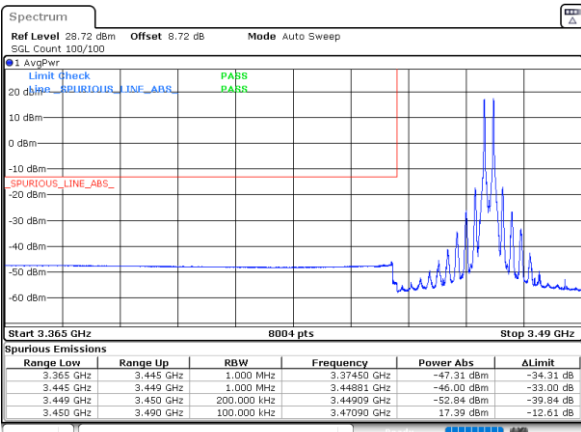


Date: 9.OCT.2022 14:31:22

Date: 10.SEP.2022 14:51:28

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

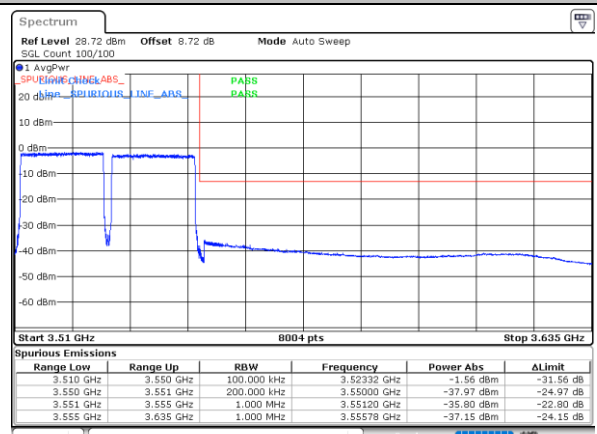
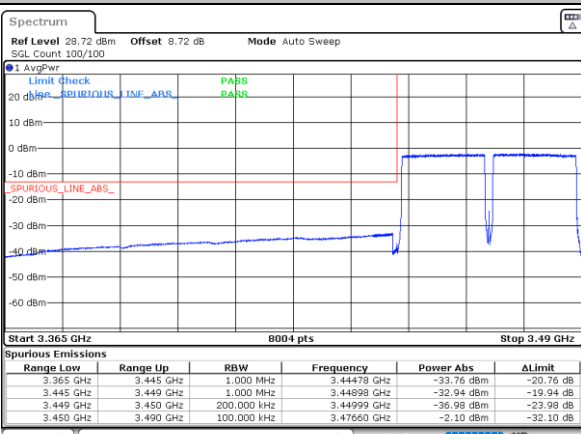


Date: 9.OCT.2022 14:37:54

Date: 10.SEP.2022 14:56:15

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 9.OCT.2022 14:24:53

Date: 10.SEP.2022 14:50:31

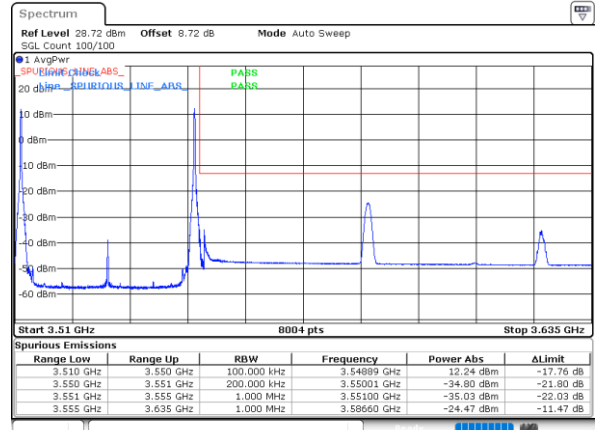
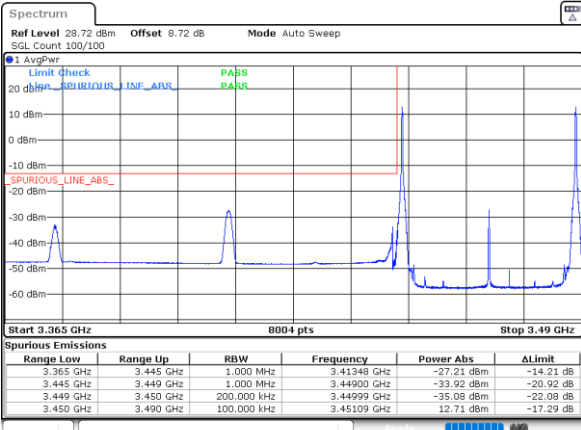


LTE Band 42C / 20MHz+20MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

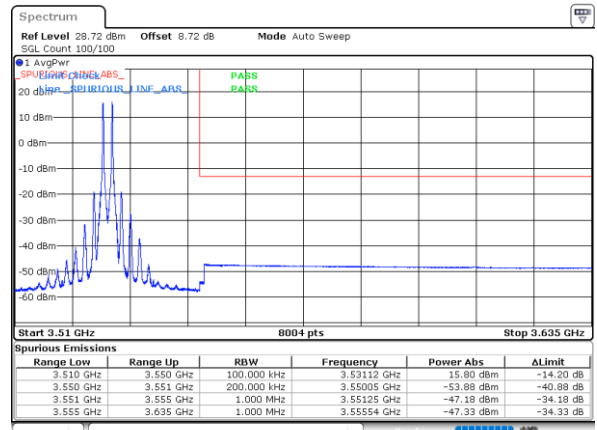
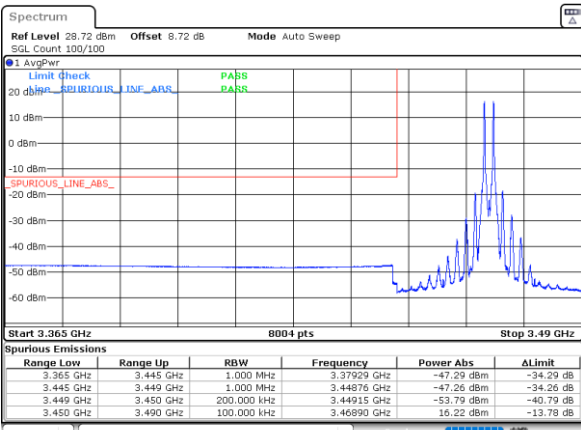


Date: 9.OCT.2022 14:33:00

Date: 10.SEP.2022 16:35:19

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

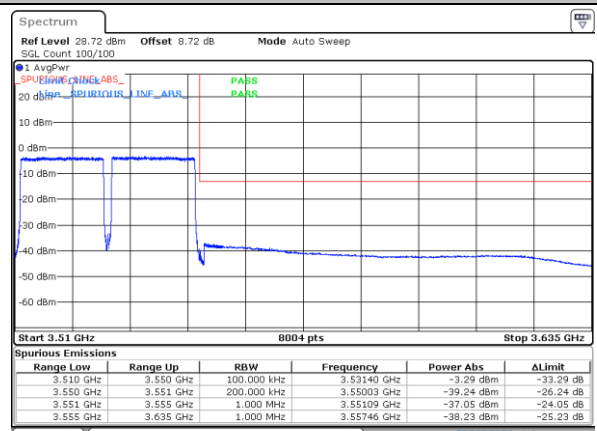
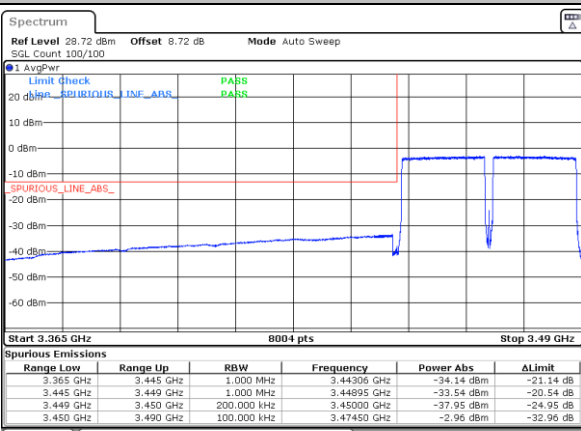


Date: 9.OCT.2022 14:39:31

Date: 10.SEP.2022 16:34:22

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

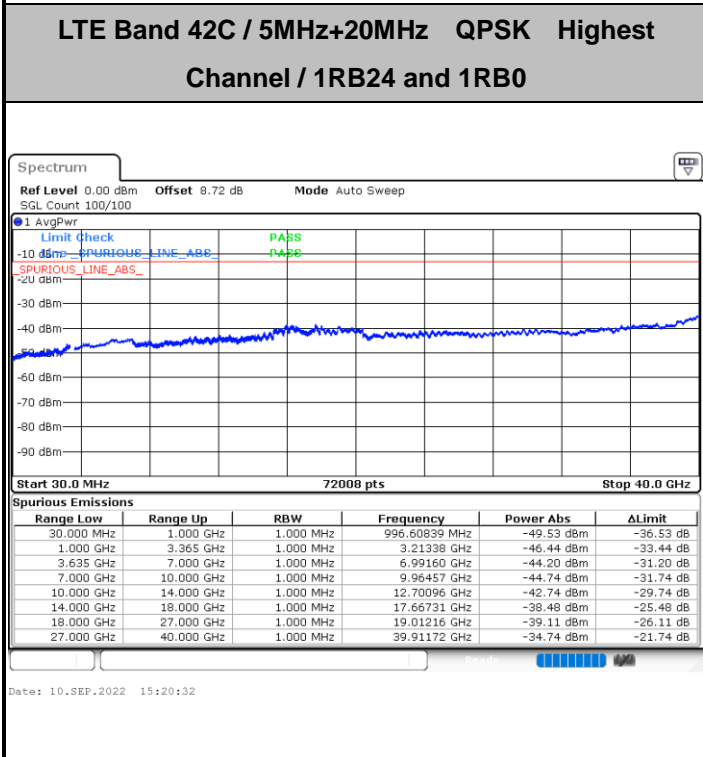
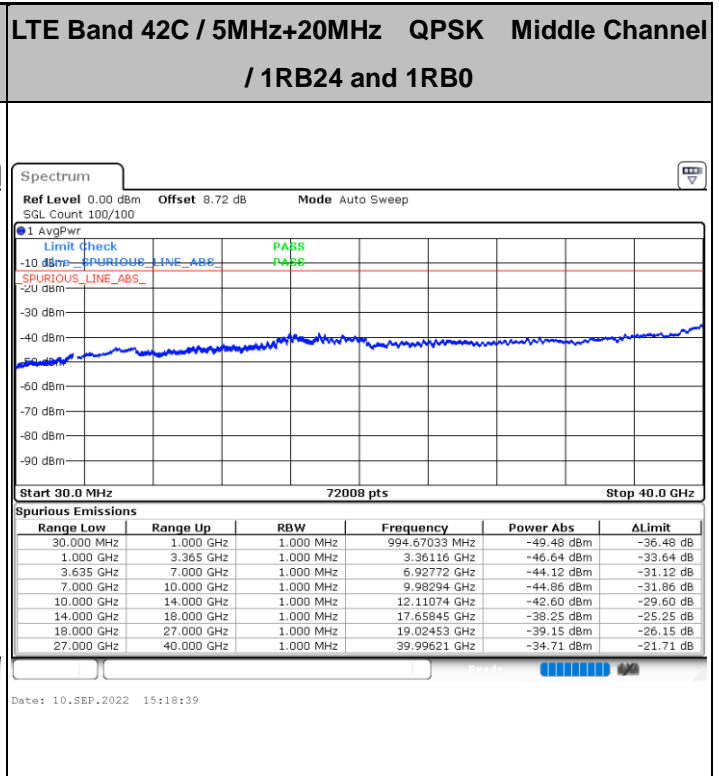
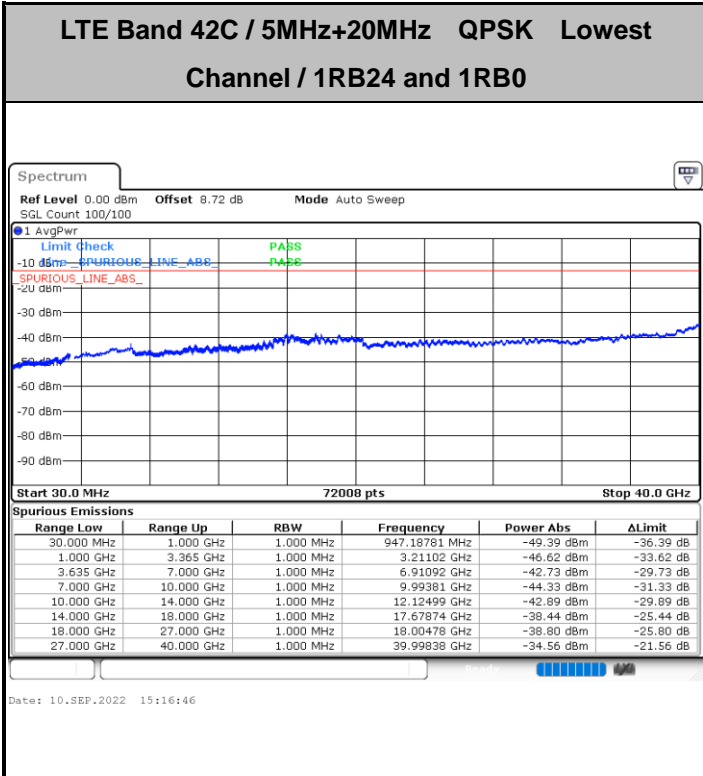


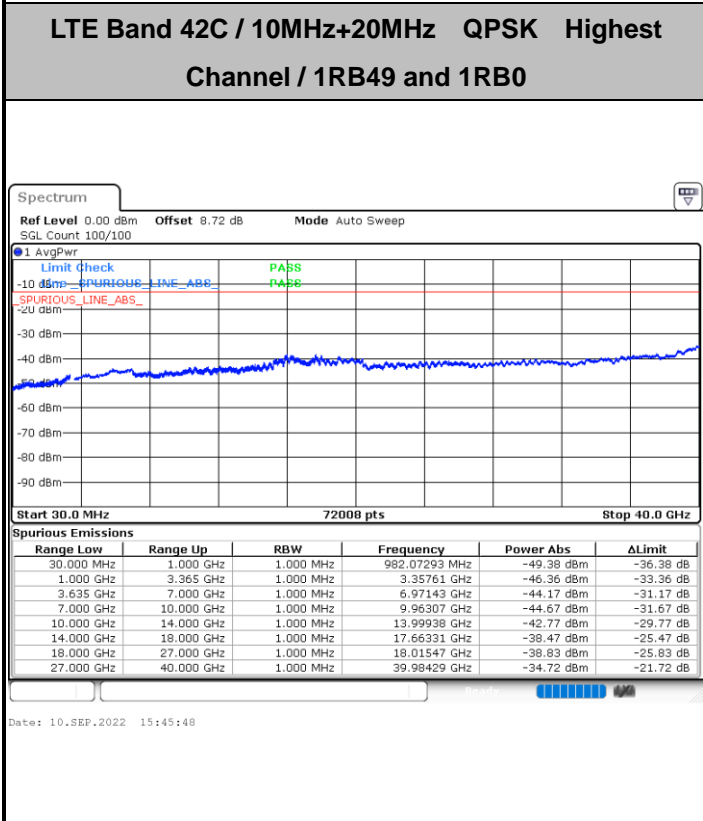
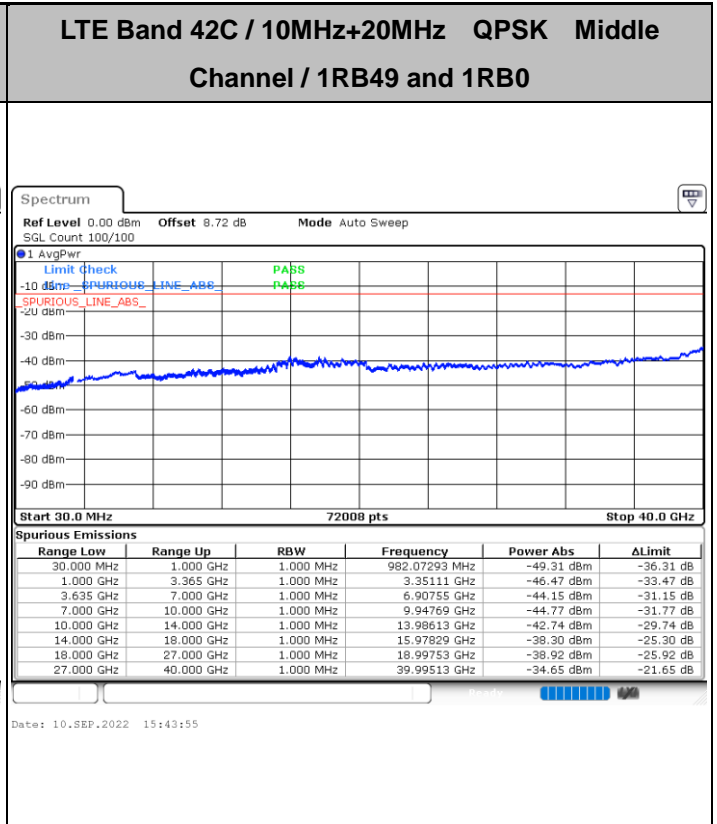
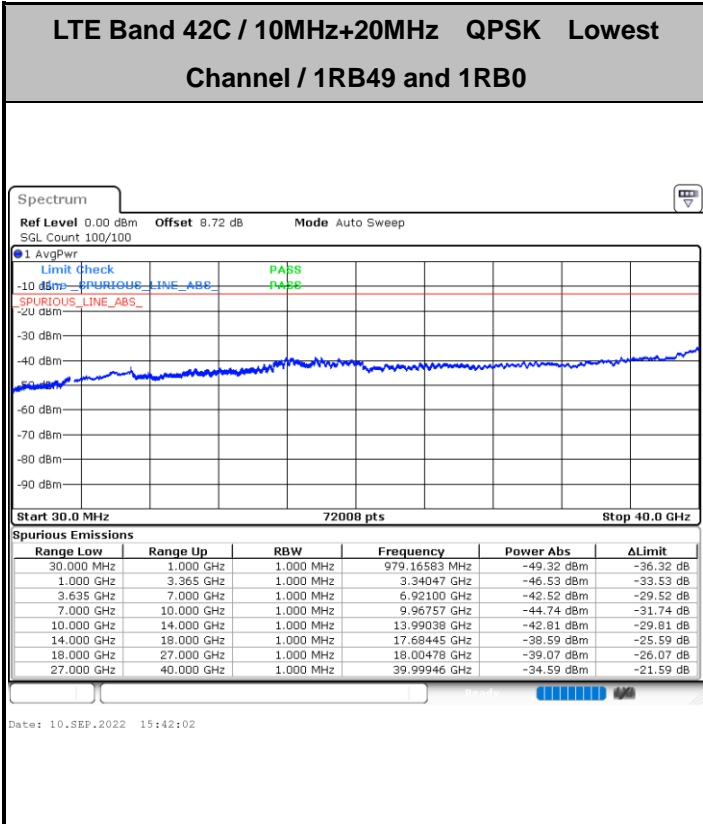
Date: 9.OCT.2022 14:26:30

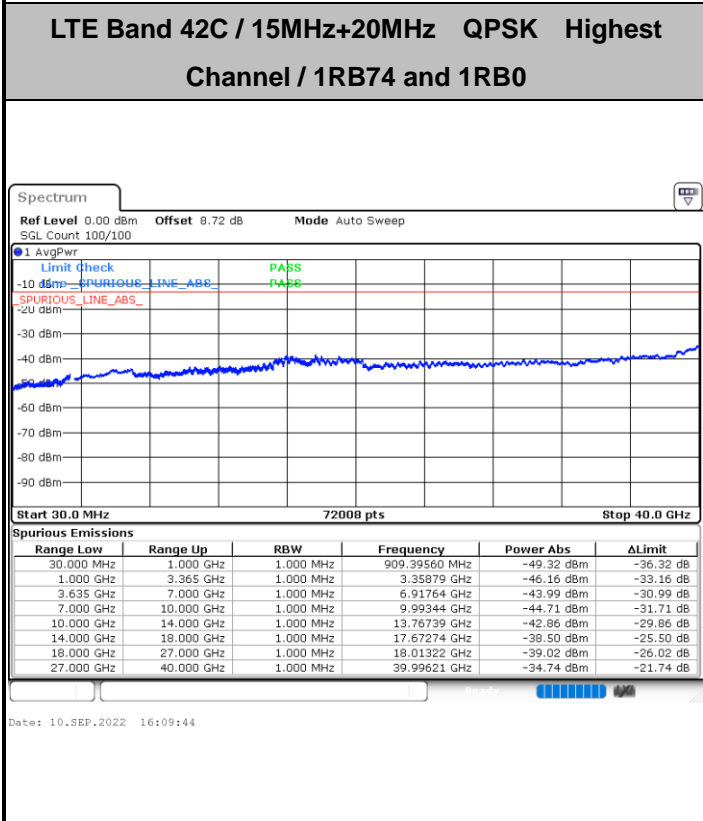
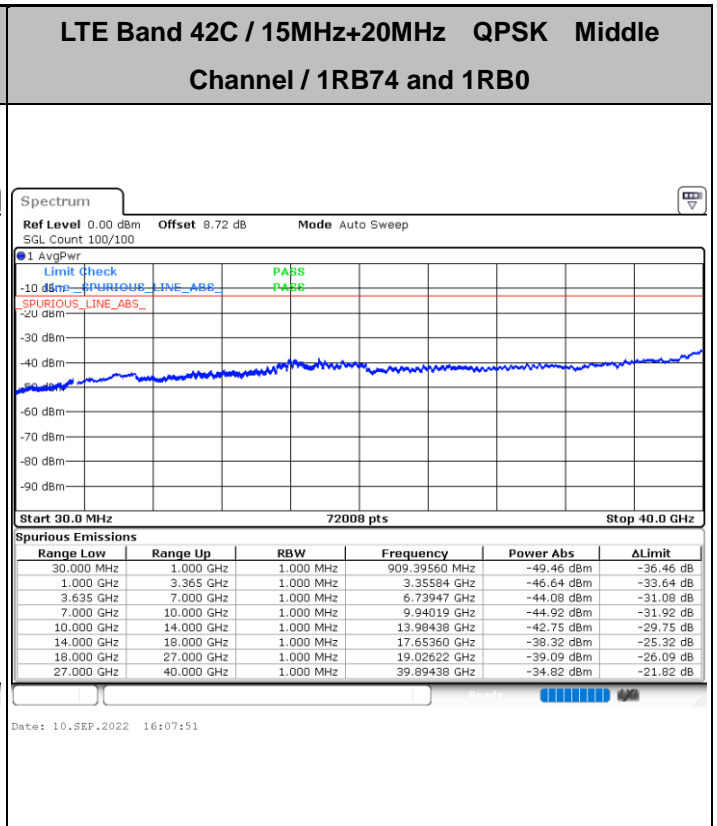
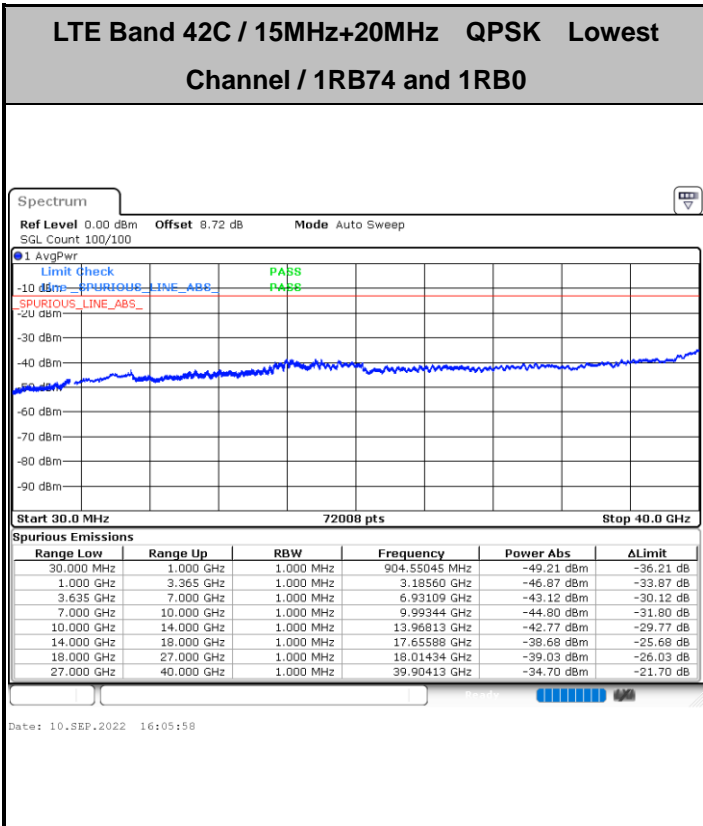
Date: 10.SEP.2022 16:36:16



Conducted Spurious Emission

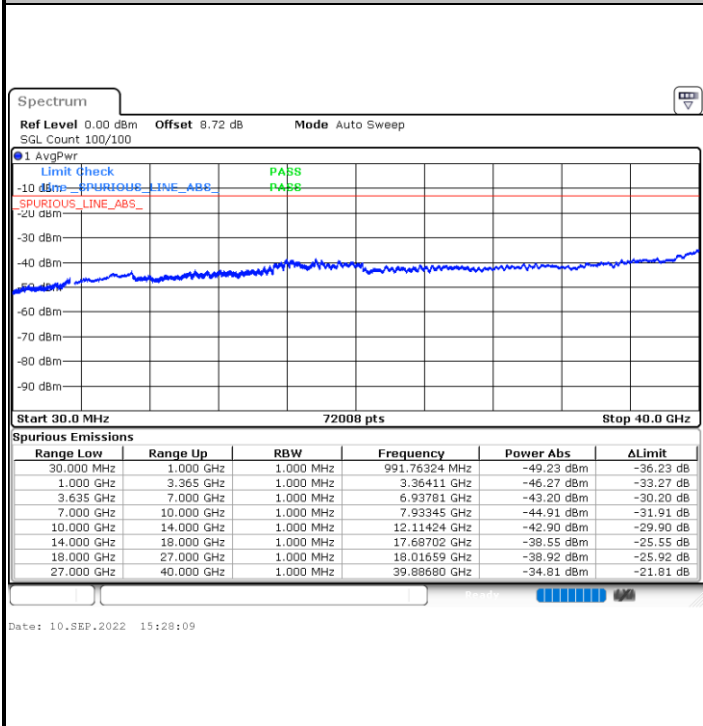




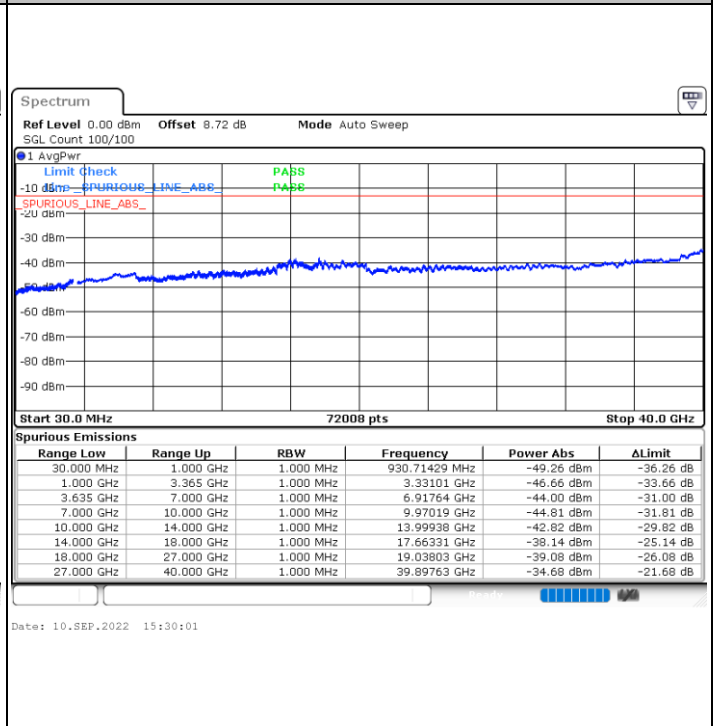




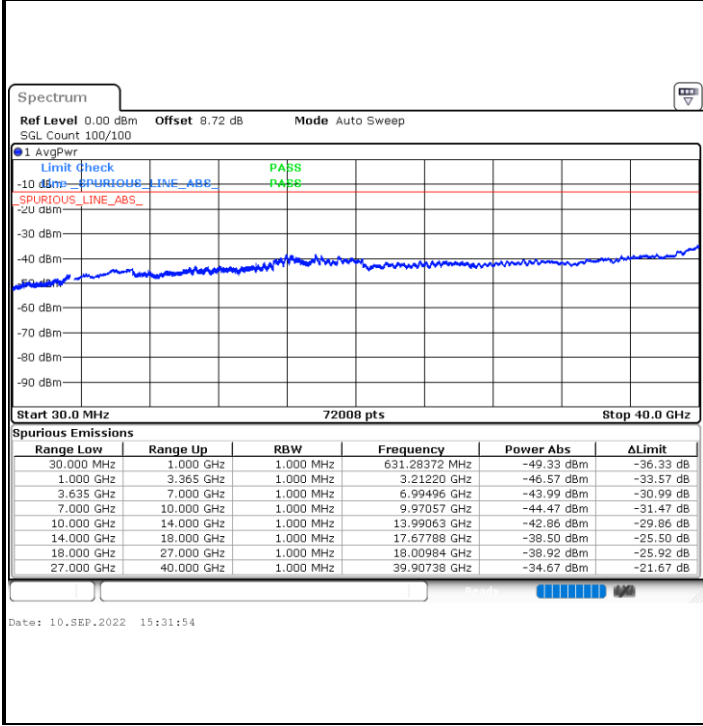
LTE Band 42C / 20MHz+5MHz QPSK Lowest Channel / 1RB99 and 1RB0

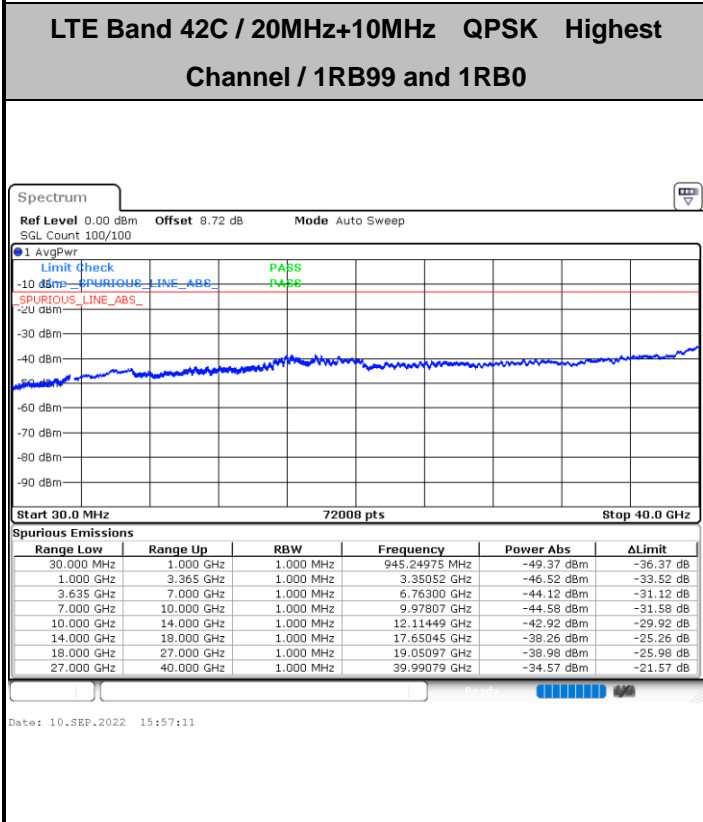
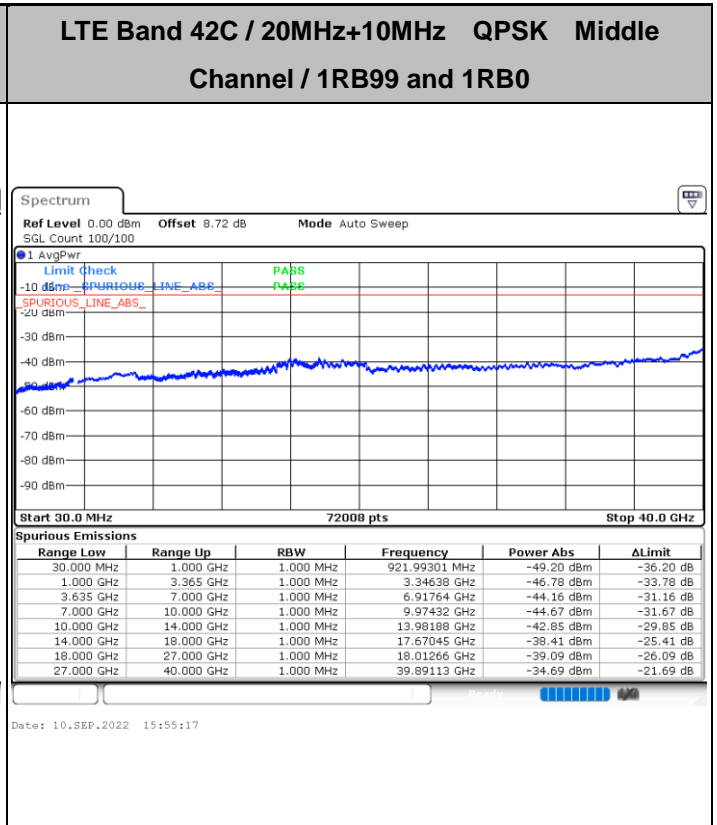
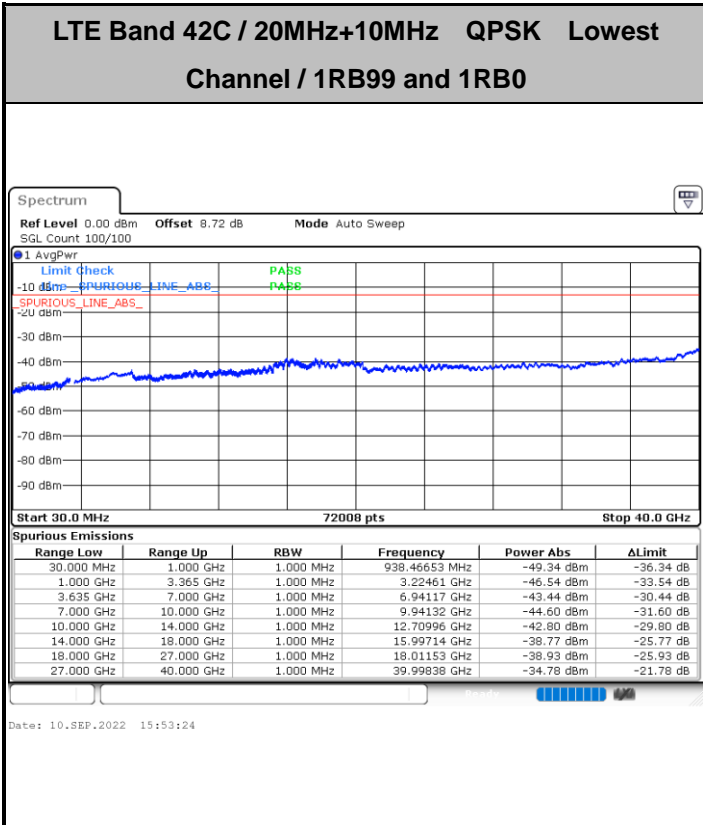


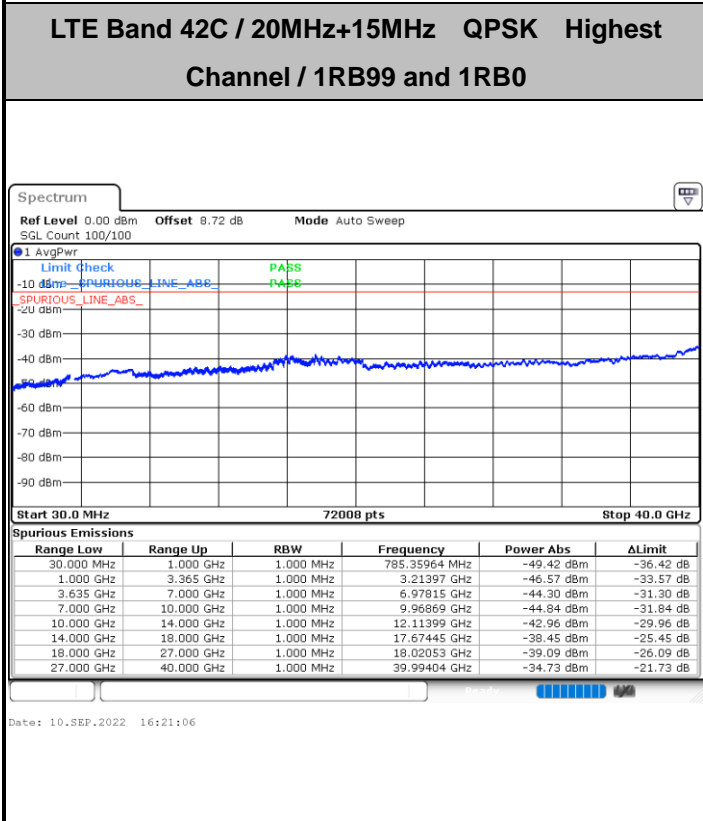
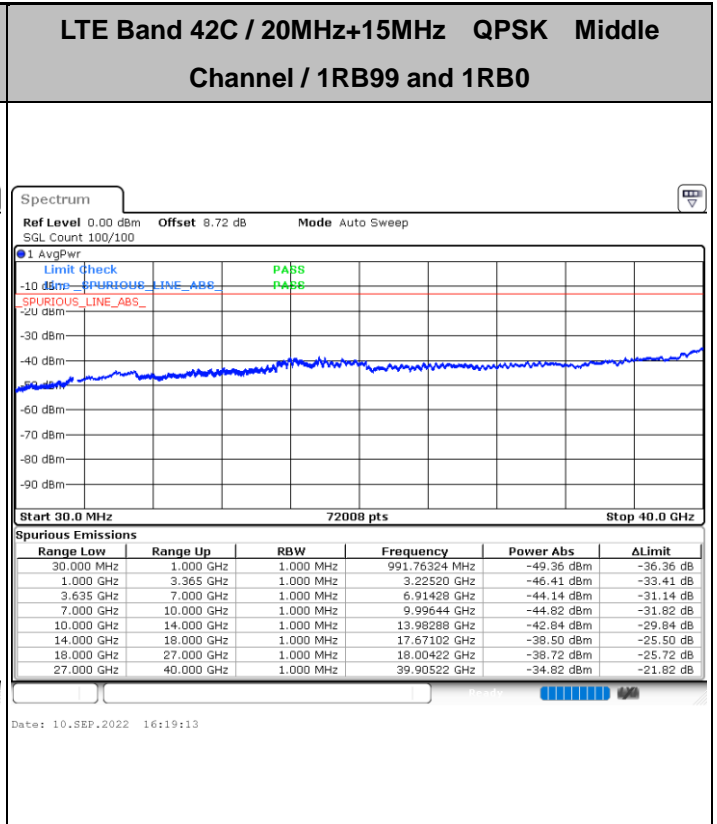
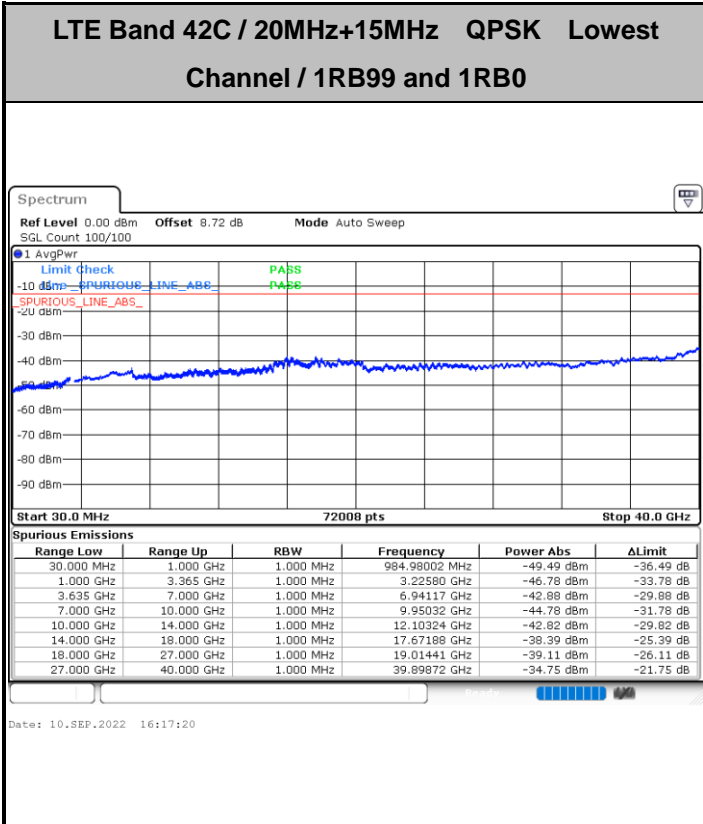
LTE Band 42C / 20MHz+5MHz QPSK Middle Channel / 1RB99 and 1RB0



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

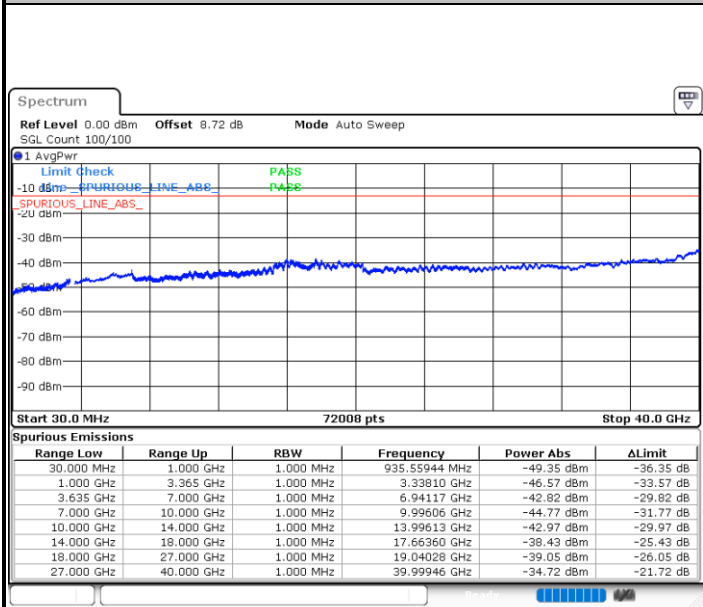






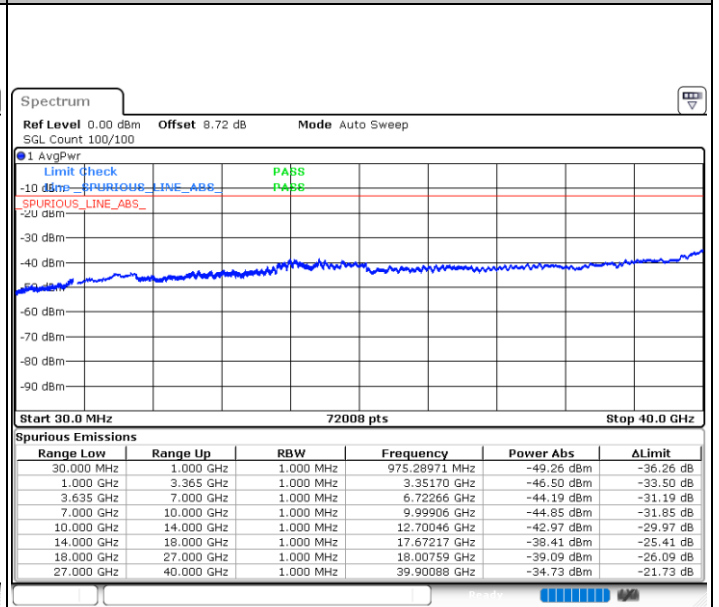


LTE Band 42C / 20MHz+20MHz QPSK Lowest Channel / 1RB99 and 1RB0



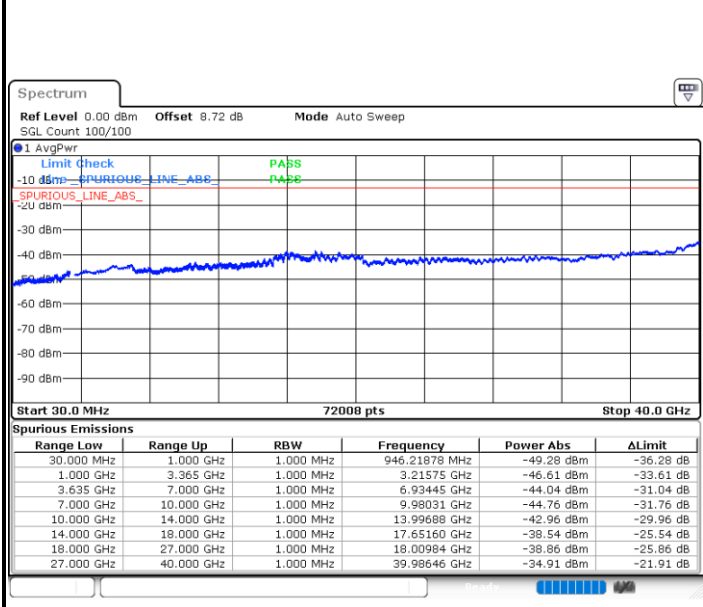
Date: 10.SEP.2022 16:29:37

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



Date: 10.SEP.2022 16:31:31

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



Date: 10.SEP.2022 16:33:24

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	0.0027	PASS
40	Normal Voltage	0.0013	
30	Normal Voltage	0.0031	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0012	
0	Normal Voltage	0.0027	
-10	Normal Voltage	0.0024	
-20	Normal Voltage	0.0008	
-30	Normal Voltage	0.0006	
20	Maximum Voltage	0.0026	
20	Normal Voltage	0.0011	
20	Battery End Point	0.0021	

Note:

1. Normal Voltage =3.89 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

Note: Pre-scanned harmonic for the different antenna combinations, we choose the worst antenna mode to perform final test.

LTE Band 42 / 20MHz / QPSK (Ant.3)								
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	-32.11	-13	-19.11	-42.32	3.03	13.24	H
	10476	-38.36	-13	-25.36	-47.81	3.56	13.01	H
	13962	-60.28	-13	-47.28	-69.80	3.92	13.44	H
	6984	-30.26	-13	-17.26	-40.47	3.03	13.24	V
	10476	-36.31	-13	-23.31	-45.76	3.56	13.01	V
	13962	-59.57	-13	-46.57	-69.09	3.92	13.44	V

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

LTE Band 42C_CA / 20MHz+20MHz / QPSK (ANT3)								
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	-32.89	-13	-19.89	-43.10	3.03	13.24	H
	6996	-63.39	-13	-50.39	-72.84	3.56	13.01	H
	10446	-33.30	-13	-20.30	-42.82	3.92	13.44	H
	10500	-61.30	-13	-48.30	-70.83	3.95	13.48	H
	13926	-61.65	-13	-48.65	-71.15	4.01	13.51	H
	13998	-60.89	-13	-47.89	-70.23	4.21	13.55	H
	6960	-32.73	-13	-19.73	-42.94	3.03	13.24	V
	6996	-63.61	-13	-50.61	-73.06	3.56	13.01	V
	10446	-34.19	-13	-21.19	-43.71	3.92	13.44	V
	10500	-61.41	-13	-48.41	-70.94	3.95	13.48	V
	13926	-61.39	-13	-48.39	-70.89	4.01	13.51	V
	13998	-60.98	-13	-47.98	-70.32	4.21	13.55	V

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