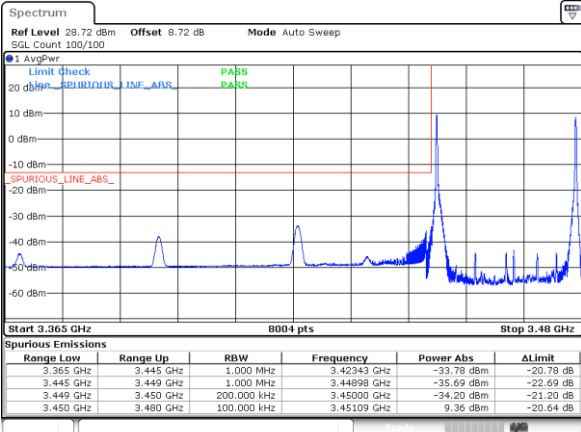




LTE Band 42C / 20MHz+10MHz

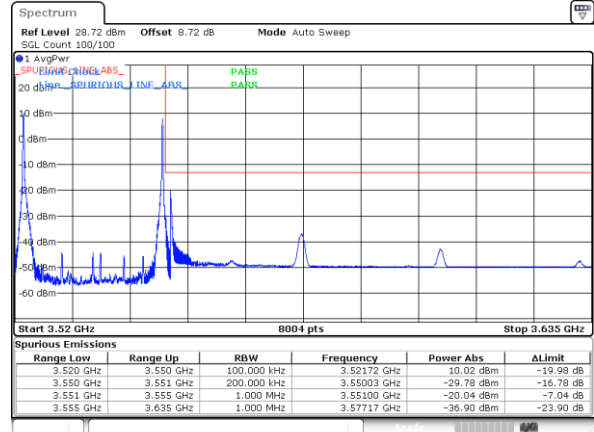
16QAM

Lowest Band Edge / 1RB0 and 1RB49



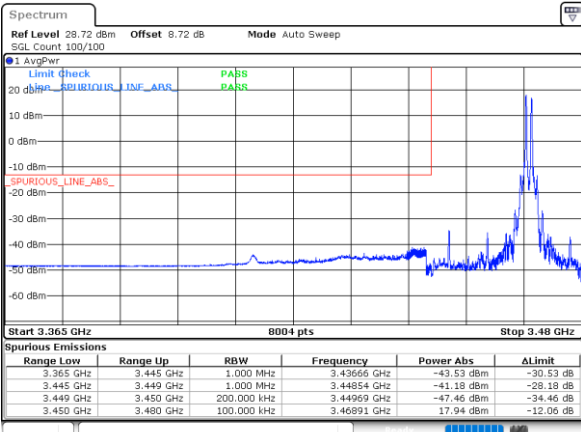
Date: 16 JUN 2023 14:15:31

Highest Band Edge / 1RB0 and 1RB49



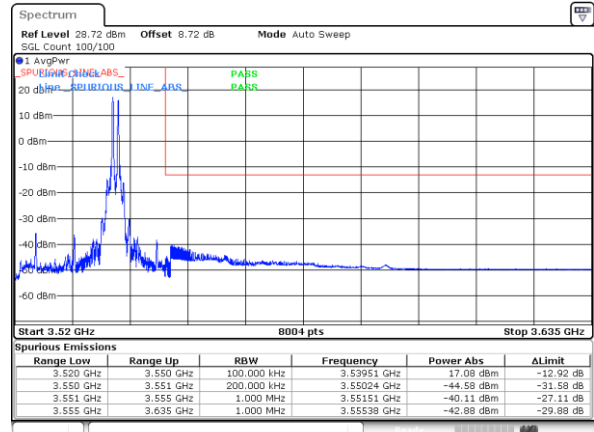
Date: 16 JUN 2023 14:38:00

Lowest Band Edge / 1RB99 and 1RB0



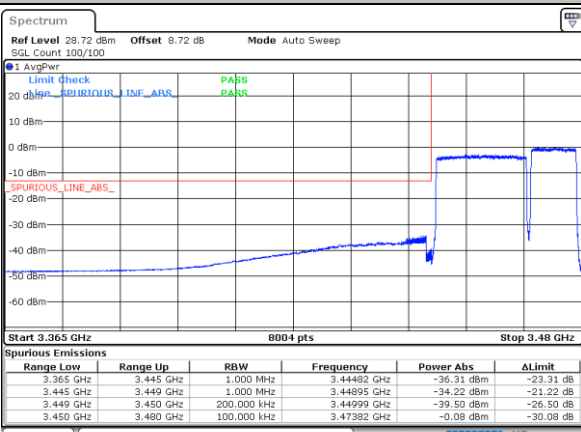
Date: 16 JUN 2023 06:23:38

Highest Band Edge / 1RB99 and 1RB0



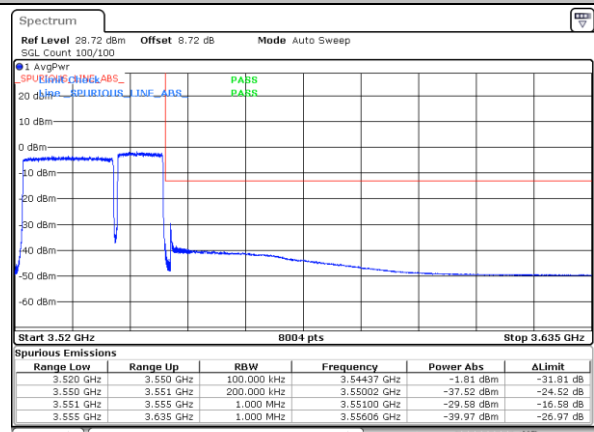
Date: 16 JUN 2023 14:28:42

Lowest Band Edge / Full RB



Date: 16 JUN 2023 06:28:09

Highest Band Edge / Full RB



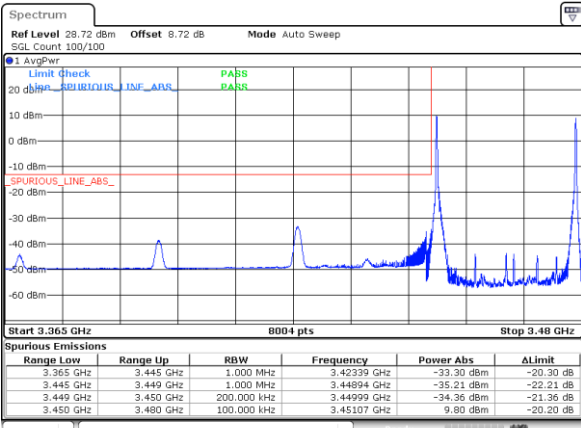
Date: 16 JUN 2023 14:33:21



LTE Band 42C / 20MHz+10MHz

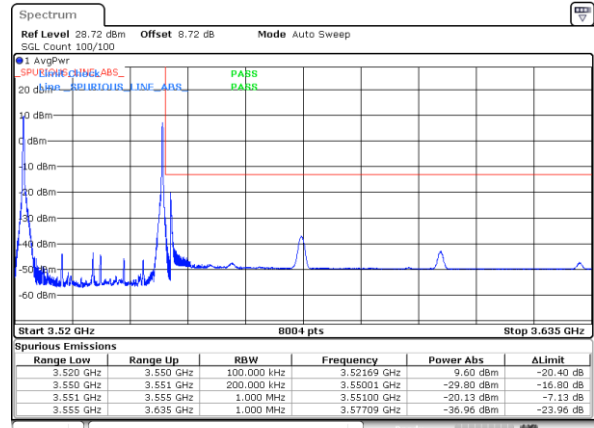
64QAM

Lowest Band Edge / 1RB0 and 1RB49



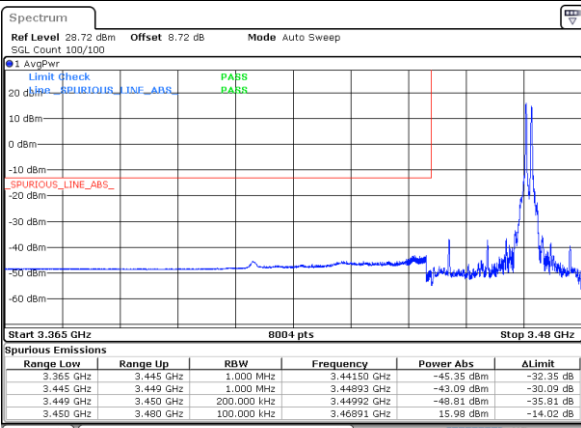
Date: 16 JUN 2023 14:16:40

Highest Band Edge / 1RB0 and 1RB49



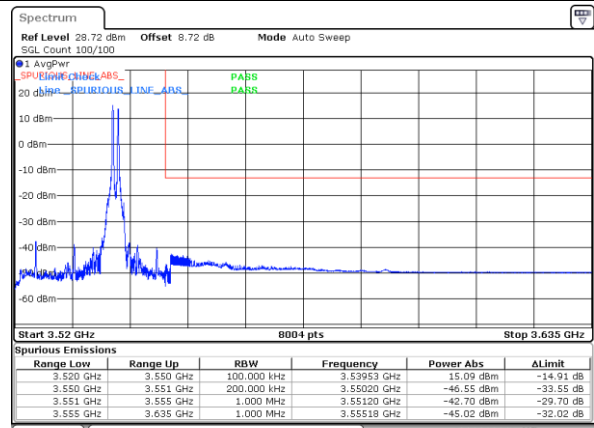
Date: 16 JUN 2023 14:19:09

Lowest Band Edge / 1RB99 and 1RB0



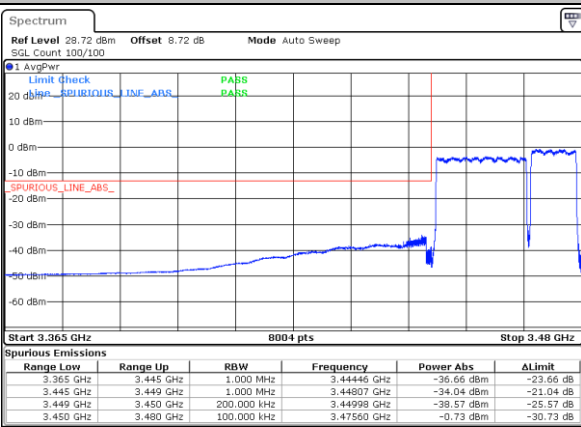
Date: 16 JUN 2023 06:24:46

Highest Band Edge / 1RB99 and 1RB0



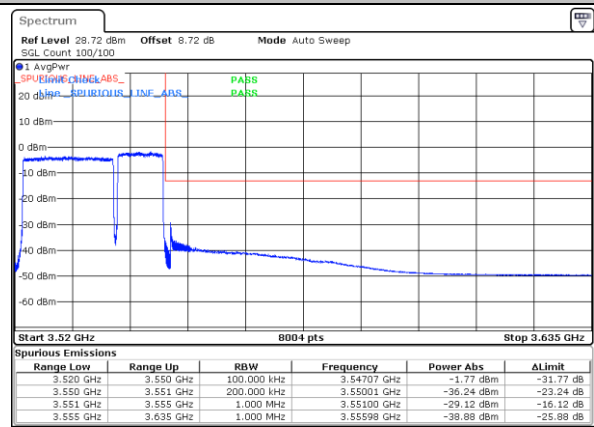
Date: 16 JUN 2023 14:29:52

Lowest Band Edge / Full RB



Date: 16 JUN 2023 14:12:03

Highest Band Edge / Full RB



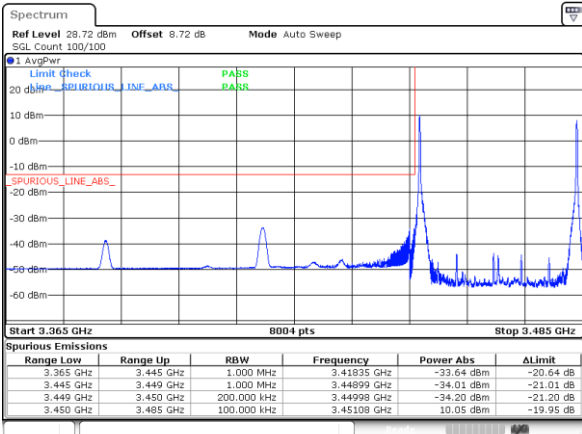
Date: 16 JUN 2023 14:34:30



LTE Band 42C / 20MHz+15MHz

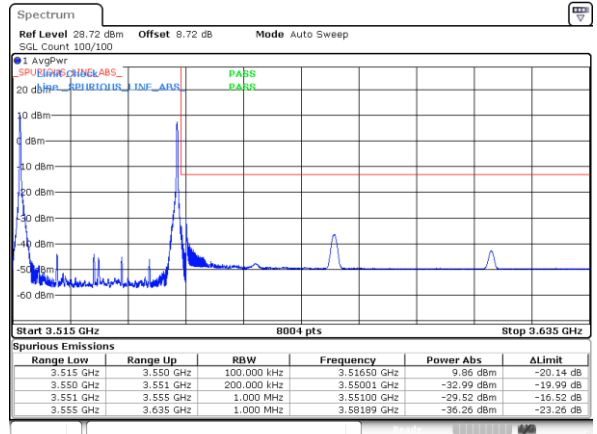
QPSK

Lowest Band Edge / 1RB0 and 1RB74



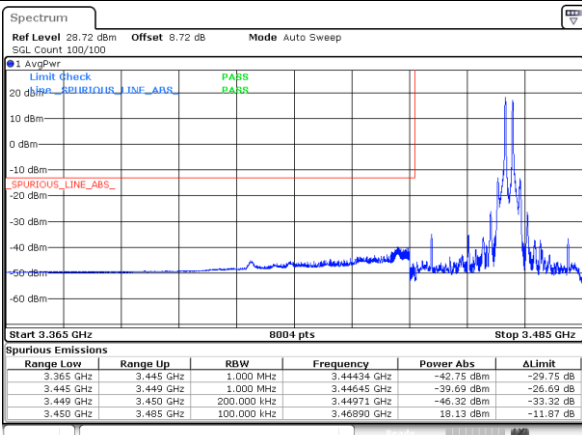
Date: 16 JUN 2023 14:50:47

Highest Band Edge / 1RB0 and 1RB74



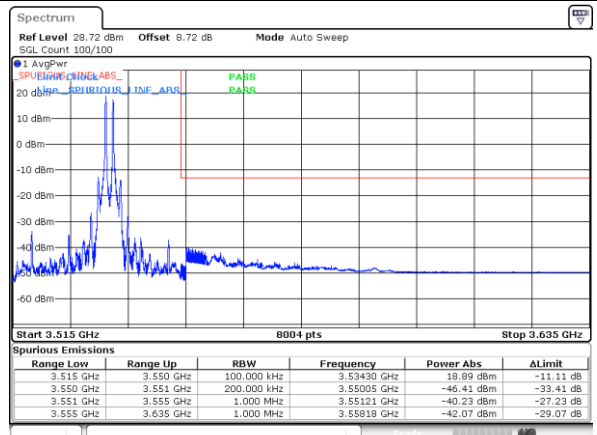
Date: 16 JUN 2023 15:07:04

Lowest Band Edge / 1RB99 and 1RB0



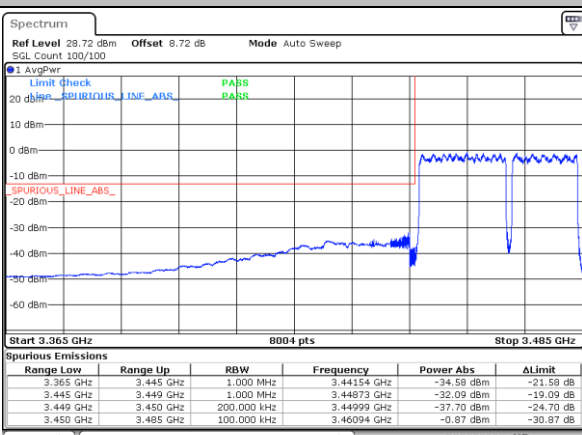
Date: 16 JUN 2023 14:41:33

Highest Band Edge / 1RB99 and 1RB0



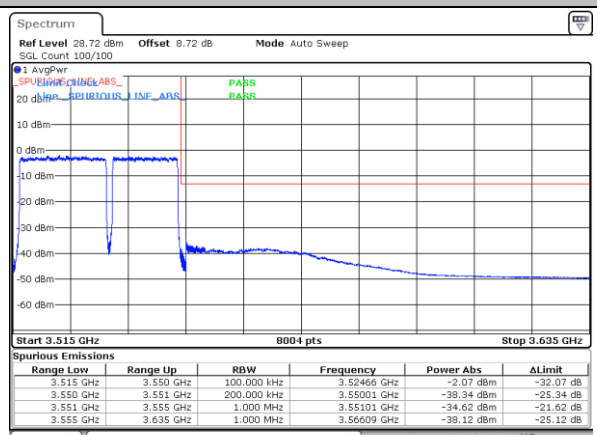
Date: 16 JUN 2023 15:35:55

Lowest Band Edge / Full RB



Date: 16 JUN 2023 14:46:11

Highest Band Edge / Full RB



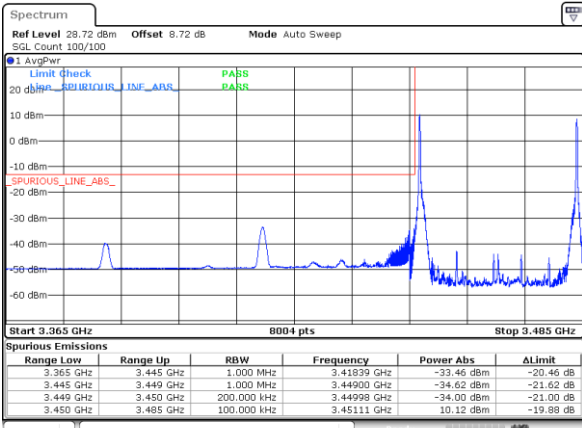
Date: 16 JUN 2023 15:02:27



LTE Band 42C / 20MHz+15MHz

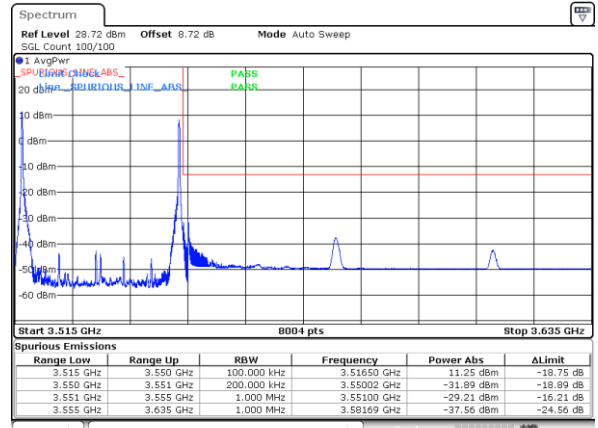
16QAM

Lowest Band Edge / 1RB0 and 1RB74



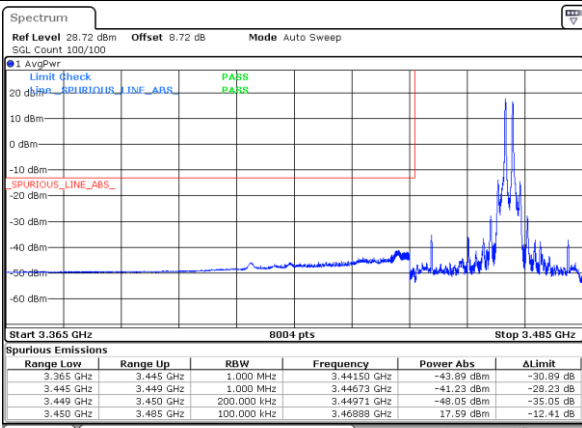
Date: 16 JUN 2023 14:51:56

Highest Band Edge / 1RB0 and 1RB74



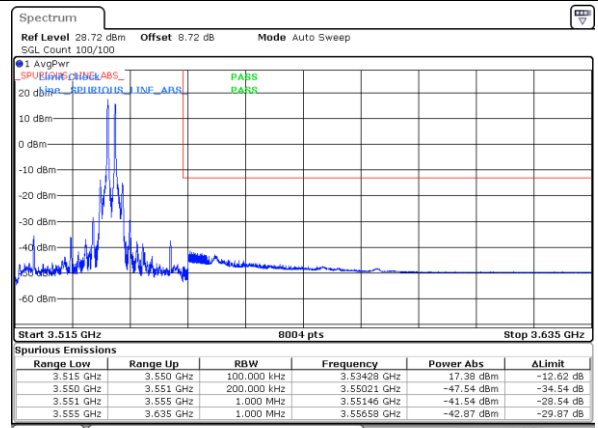
Date: 16 JUN 2023 15:08:12

Lowest Band Edge / 1RB99 and 1RB0



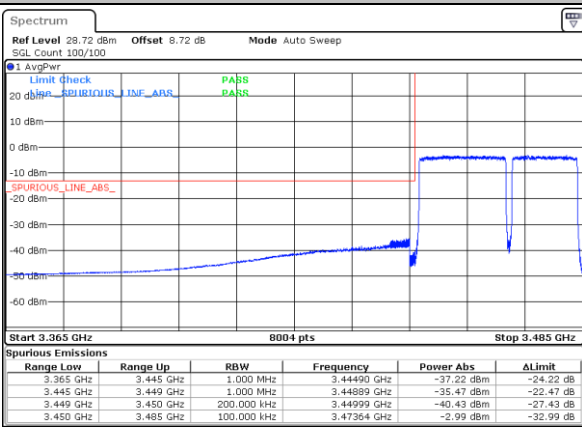
Date: 16 JUN 2023 14:42:42

Highest Band Edge / 1RB99 and 1RB0



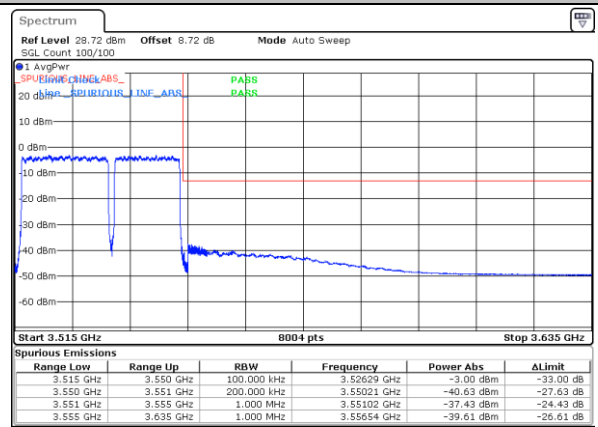
Date: 16 JUN 2023 14:59:02

Lowest Band Edge / Full RB



Date: 16 JUN 2023 14:47:20

Highest Band Edge / Full RB



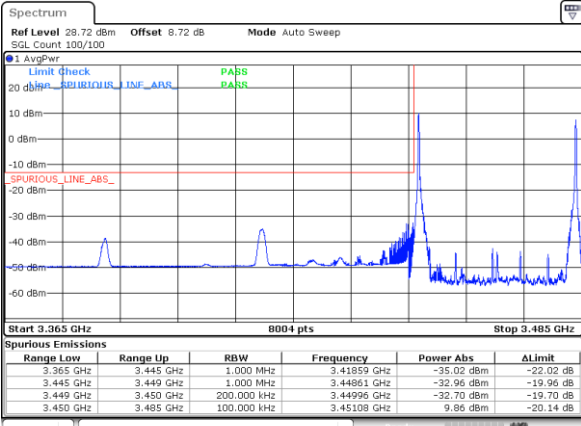
Date: 16 JUN 2023 15:03:36



LTE Band 42C / 20MHz+15MHz

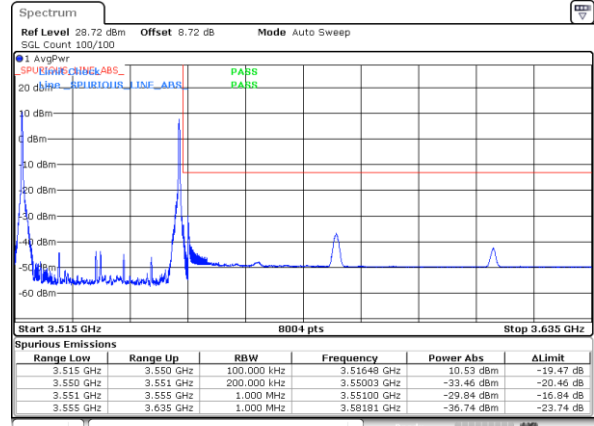
64QAM

Lowest Band Edge / 1RB0 and 1RB74



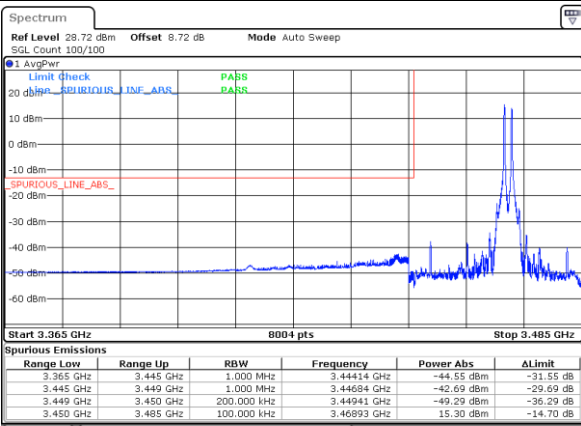
Date: 16 JUN 2023 14:53:05

Highest Band Edge / 1RB0 and 1RB74



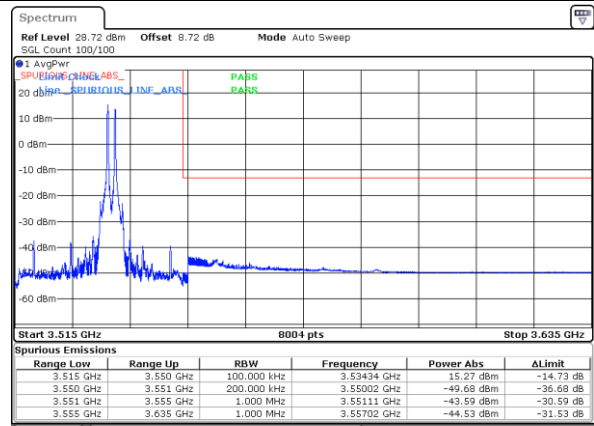
Date: 16 JUN 2023 15:09:20

Lowest Band Edge / 1RB99 and 1RB0



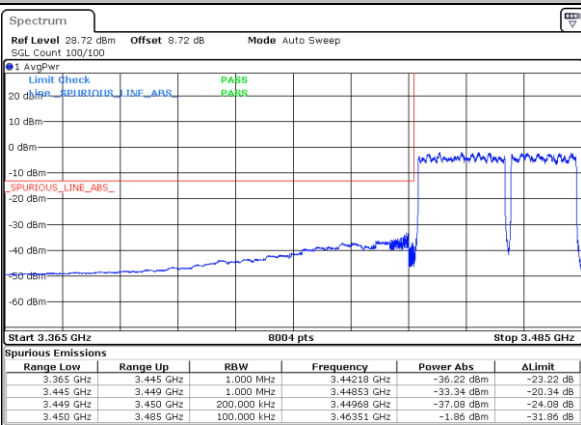
Date: 16 JUN 2023 14:43:52

Highest Band Edge / 1RB99 and 1RB0



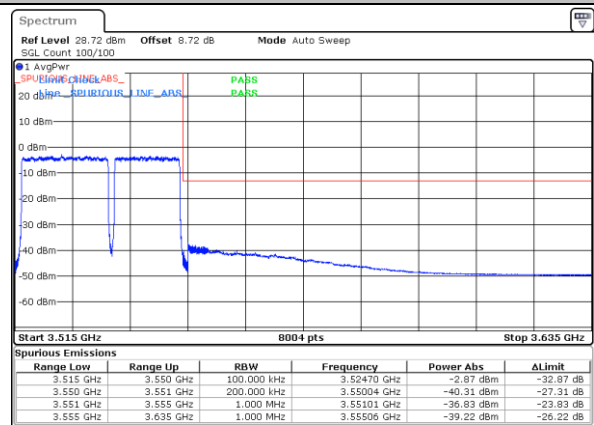
Date: 16 JUN 2023 15:00:10

Lowest Band Edge / Full RB



Date: 16 JUN 2023 14:48:29

Highest Band Edge / Full RB



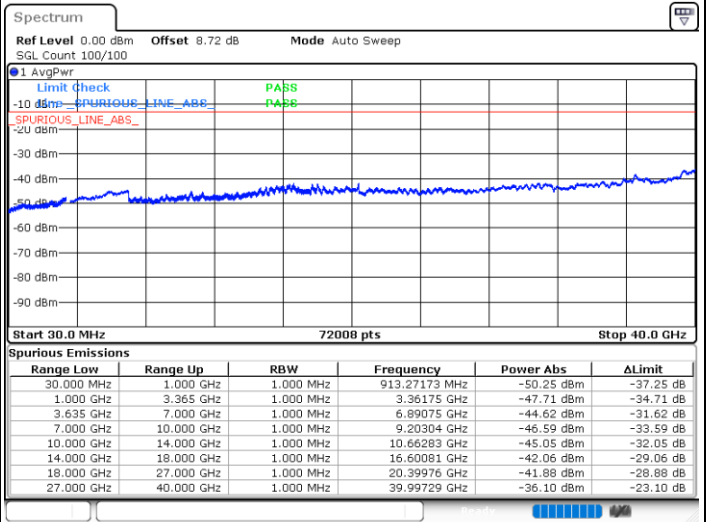
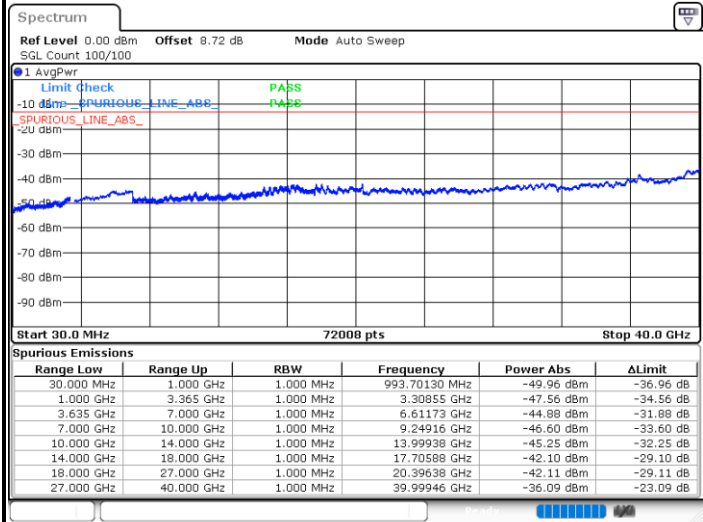
Date: 16 JUN 2023 15:04:45



Conducted Spurious Emission

LTE Band 42C / 5MHz+20MHz QPSK Lowest Channel / 1RB24 and 1RB0

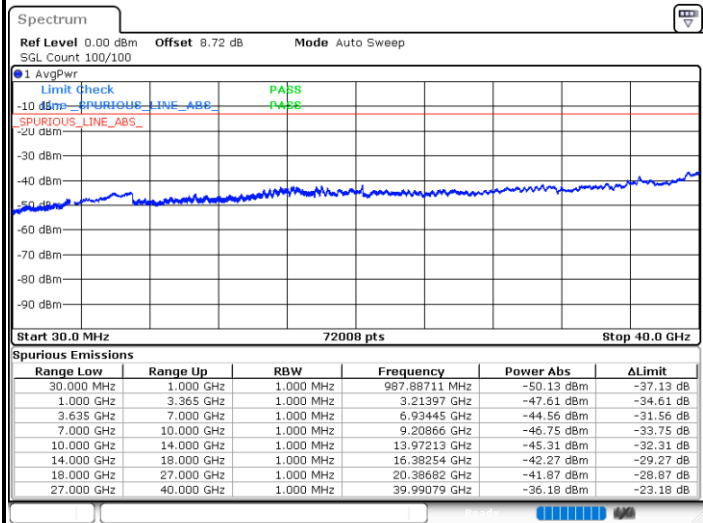
LTE Band 42C / 5MHz+20MHz QPSK Middle Channel / 1RB24 and 1RB0



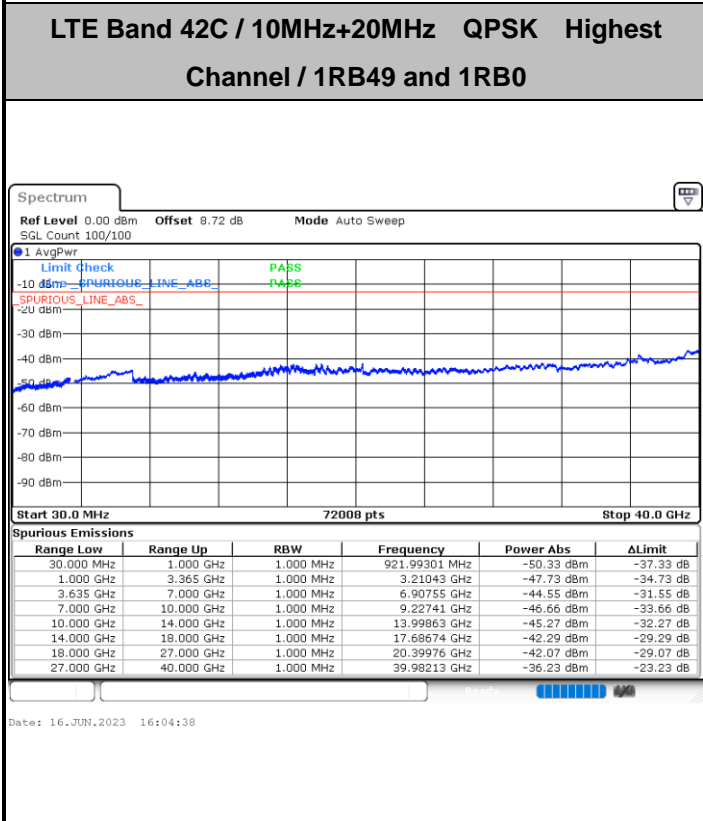
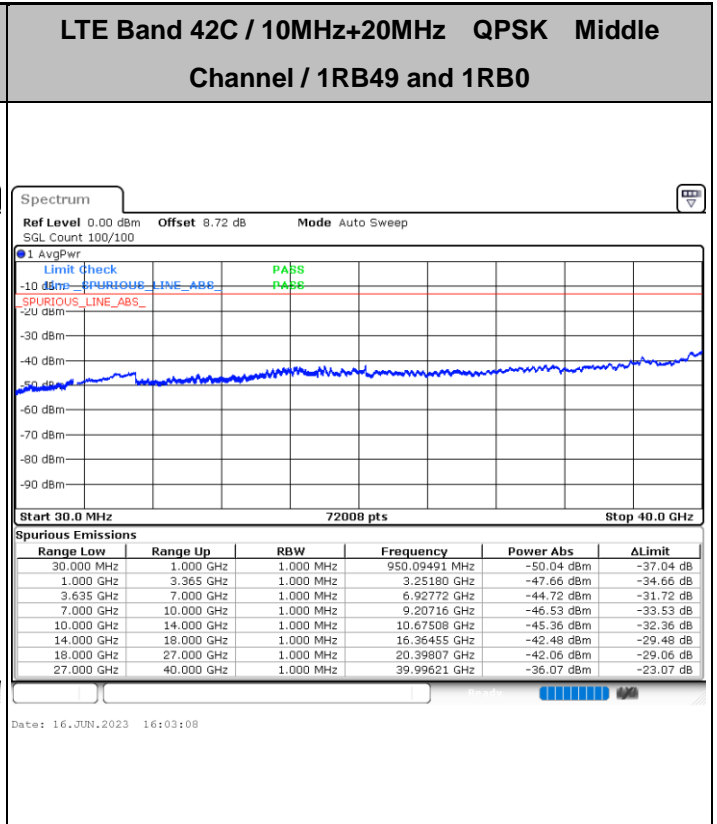
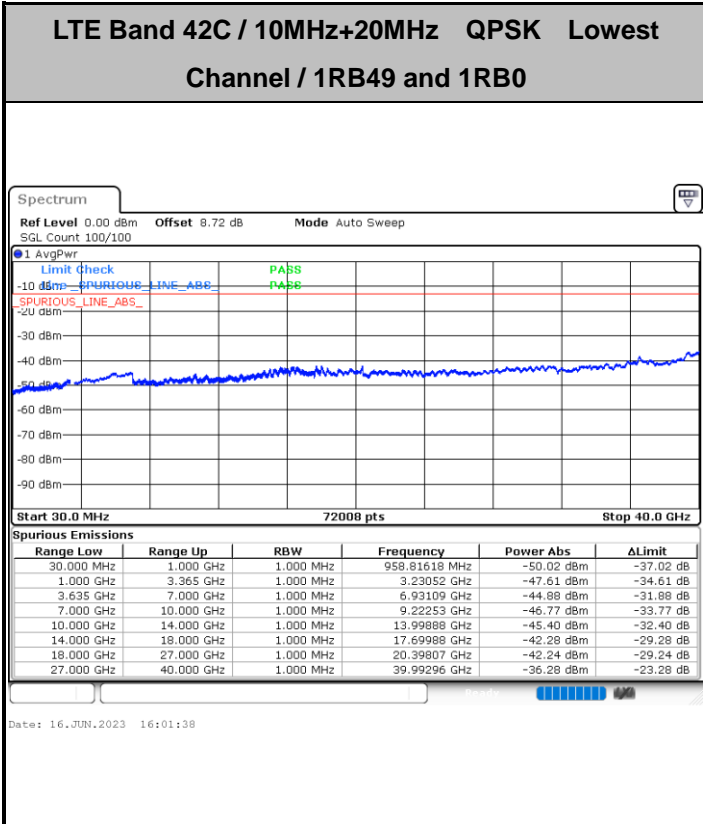
Date: 16. JUN. 2023 15:57:06

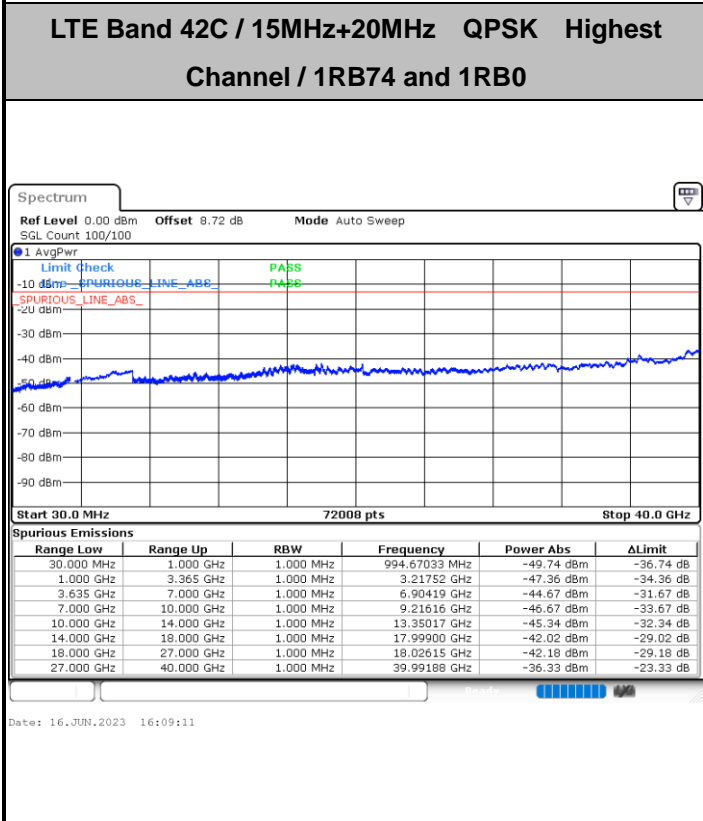
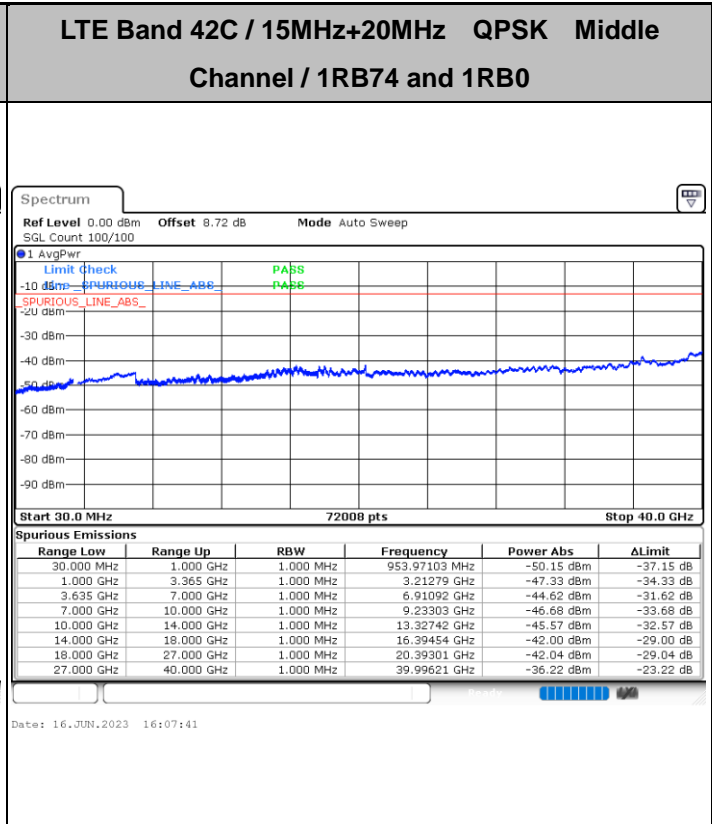
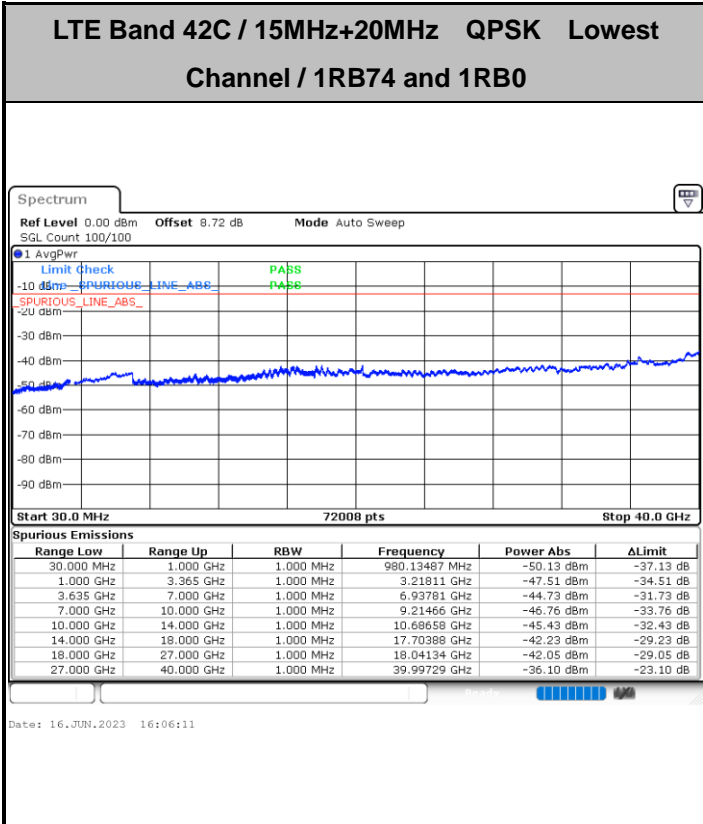
Date: 16. JUN. 2023 15:58:36

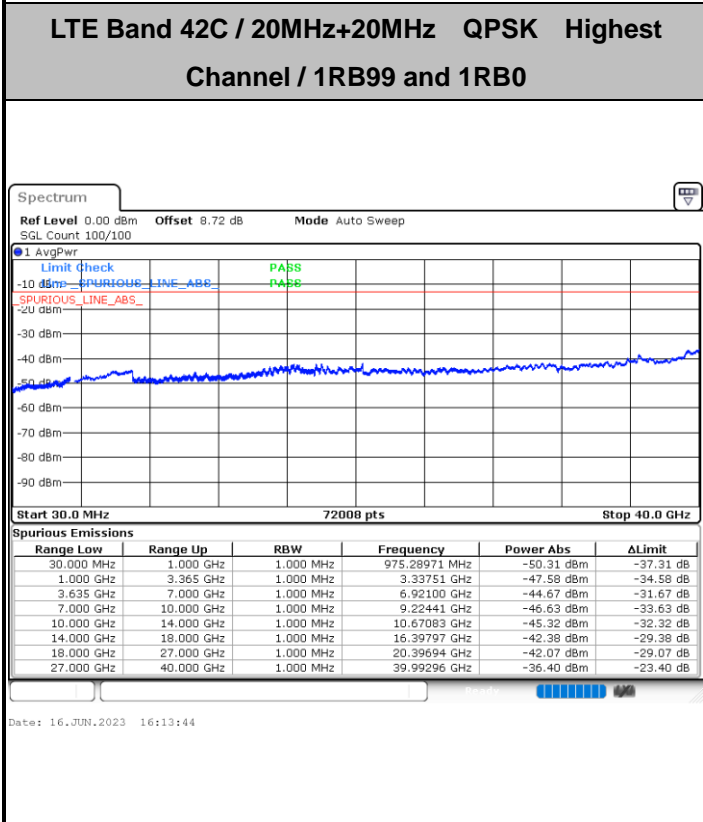
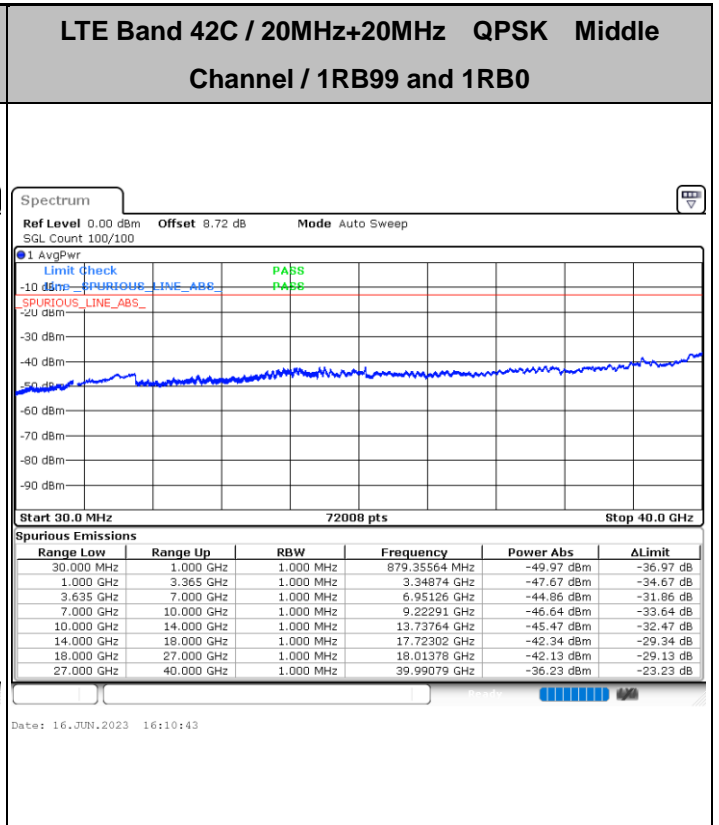
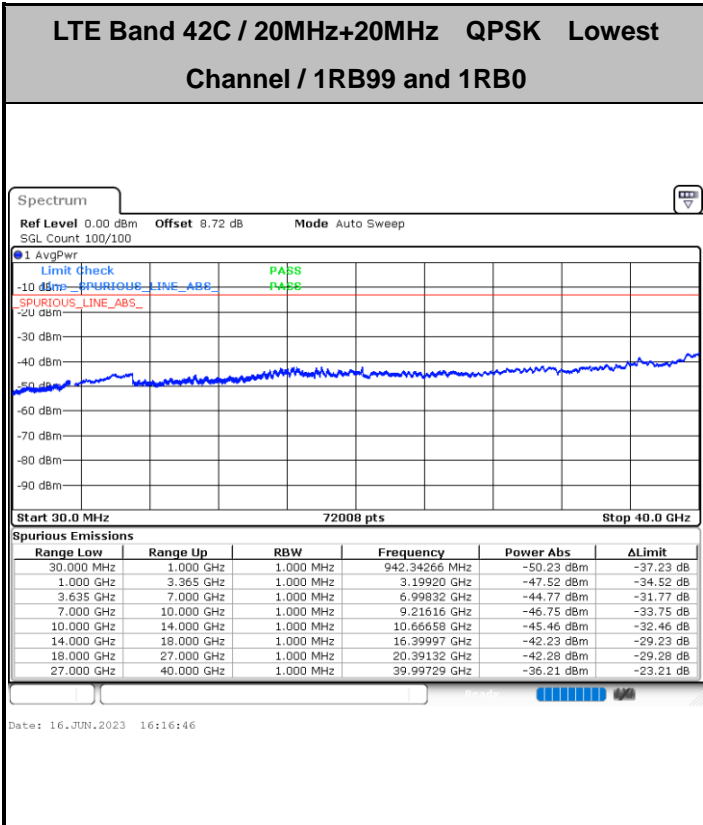
LTE Band 42C / 5MHz+20MHz QPSK Highest Channel / 1RB24 and 1RB0



Date: 16. JUN. 2023 16:00:06

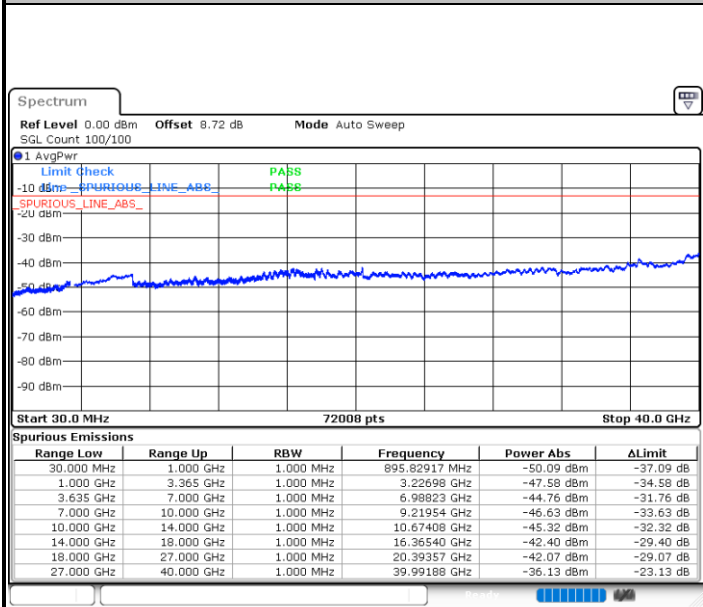






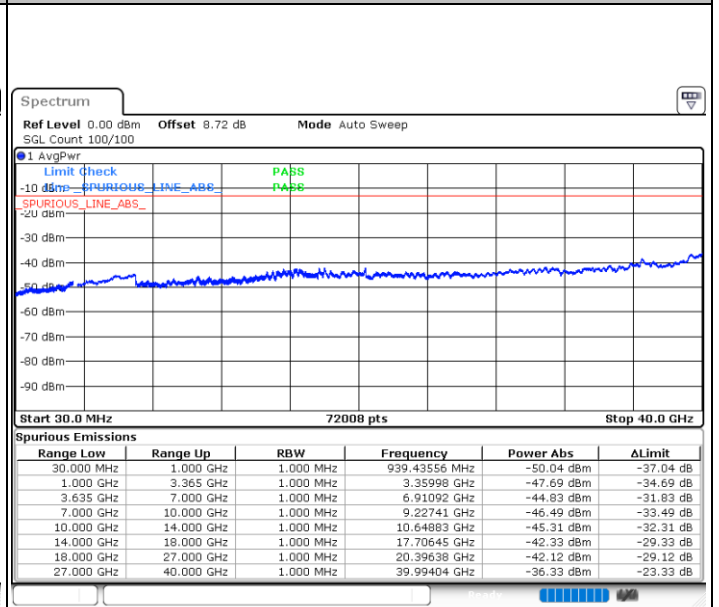


LTE Band 42C / 20MHz+5MHz QPSK Lowest Channel / 1RB99 and 1RB0



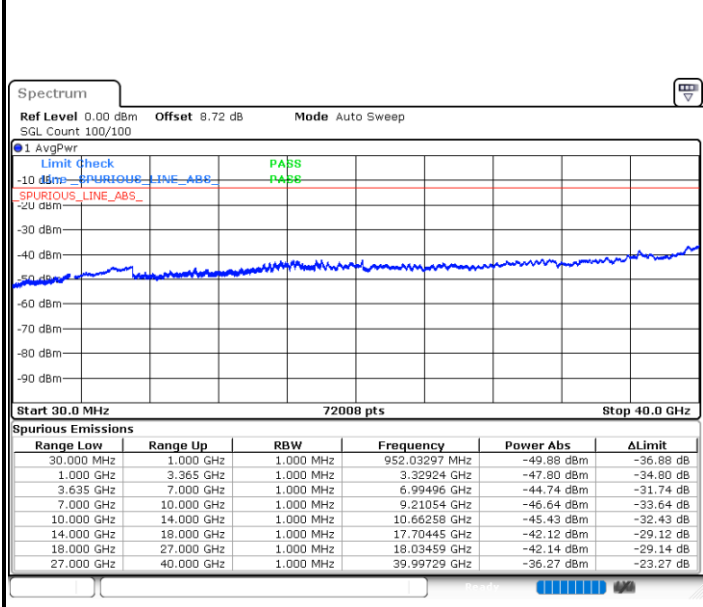
Date: 16. JUN. 2023 16:15:15

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

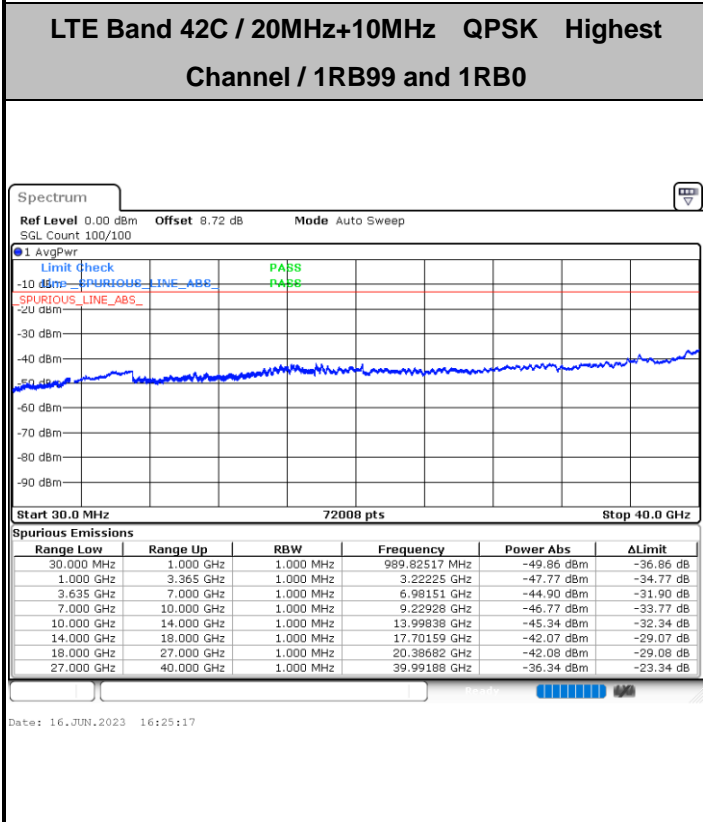
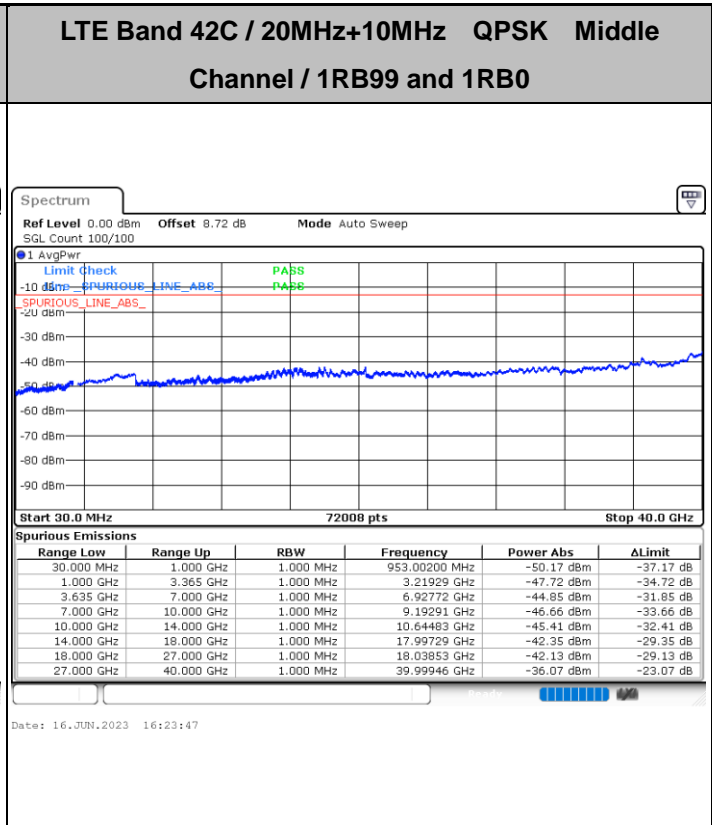
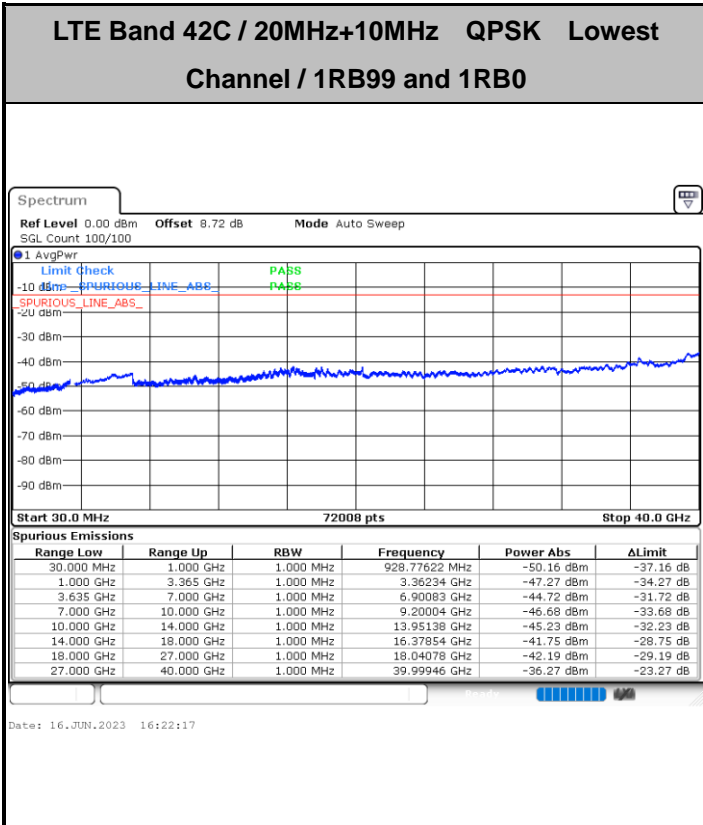


Date: 16. JUN. 2023 16:46:46

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



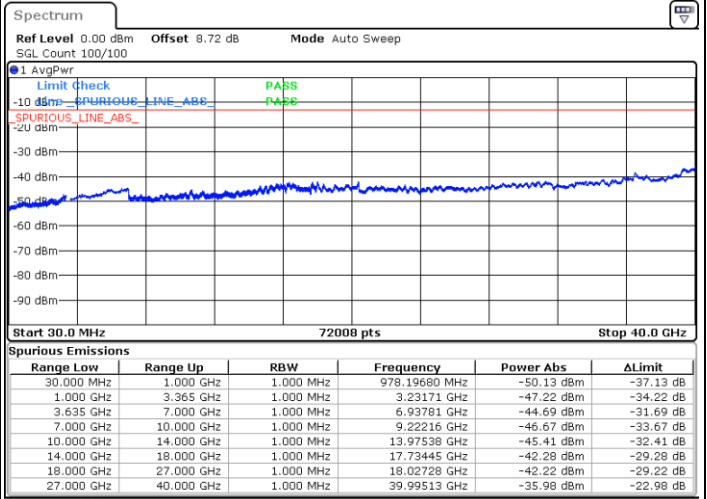
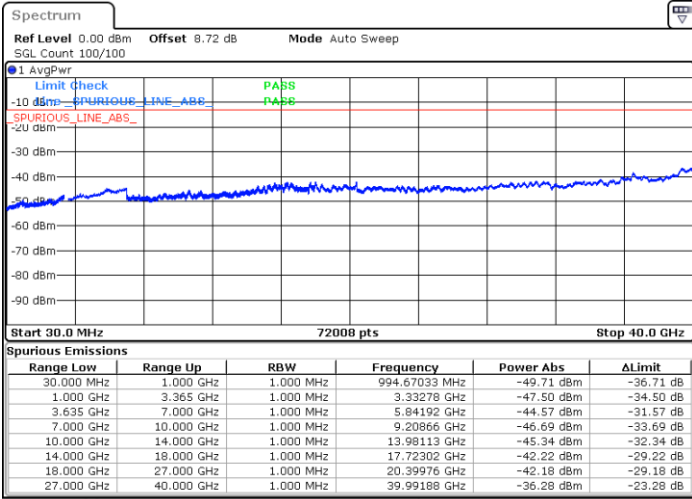
Date: 16. JUN. 2023 16:20:46





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

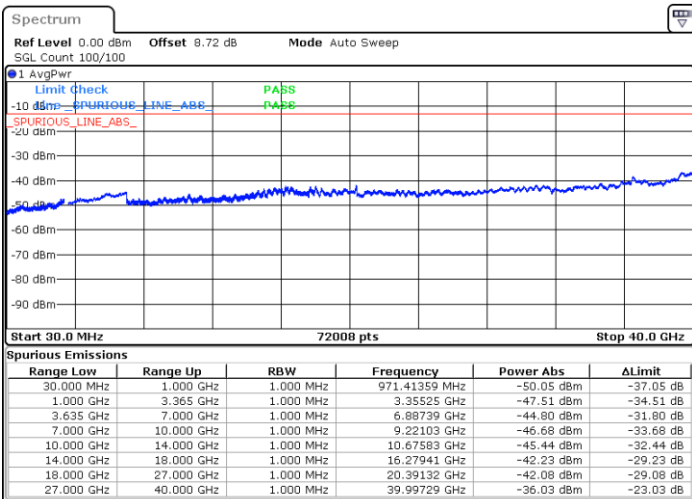
LTE Band 42C / 20MHz+15MHz QPSK Middle Channel / 1RB99 and 1RB0



Date: 16. JUN. 2023 16:26:47

Date: 16. JUN. 2023 16:28:17

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



Date: 16. JUN. 2023 16:29:47



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	0.0014	PASS
40	Normal Voltage	0.0026	
30	Normal Voltage	0.0034	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0028	
0	Normal Voltage	0.0039	
-10	Normal Voltage	0.0008	
-20	Normal Voltage	0.0015	
-30	Normal Voltage	0.0022	
20	Maximum Voltage	0.0031	
20	Normal Voltage	0.0024	
20	Battery End Point	0.0015	

Note:

1. Normal Voltage =3.89 V. ; Battery End Point (BEP) =3.6 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 :	Chris Chen	Temperature :	23~25°C
		Relative Humidity :	41~42%

RSE pretest all the supported antennas, only the worst antenna perform final test and record in the report.

LTE Band 42 / 20MHz / QPSK Ant1								
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	6982	-62.99	-13	-49.99	-73.20	3.03	13.24	H
	10473	-55.99	-13	-42.99	-65.44	3.56	13.01	H
	13964	-42.59	-13	-29.59	-52.11	3.92	13.44	H
	6982	-63.03	-13	-50.03	-73.24	3.03	13.24	V
	10476	-59.92	-13	-46.92	-69.37	3.56	13.01	V
	13964	-41.57	-13	-28.57	-51.09	3.92	13.44	V

PCC 1RB0:

LTE Band 42C_CA / 20MHz+20MHz / QPSK Ant1								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	6960	-63.69	-13	-50.69	-73.90	3.03	13.24	H
	10440	-61.47	-13	-48.47	-70.92	3.56	13.01	H
	13920	-59.69	-13	-46.69	-69.21	3.92	13.44	H
	6960	-63.73	-13	-50.73	-73.94	3.03	13.24	V
	10440	-61.98	-13	-48.98	-71.43	3.56	13.01	V
	13920	-60.20	-13	-47.20	-69.72	3.92	13.44	V

SCC 1RBMAX:

LTE Band 42C_CA / 20MHz+20MHz / QPSK Ant1								
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	6996	-63.53	-13	-50.53	-73.74	3.03	13.24	H
	10500	-61.66	-13	-48.66	-71.11	3.56	13.01	H
	13992	-60.02	-13	-47.02	-69.54	3.92	13.44	H
	6996	-63.40	-13	-50.40	-73.61	3.03	13.24	V
	10500	-61.95	-13	-48.95	-71.40	3.56	13.01	V
	13992	-60.62	-13	-47.62	-70.14	3.92	13.44	V

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