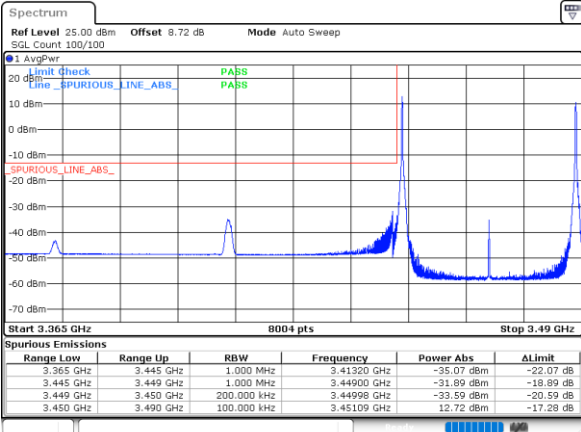




LTE Band 42C / 20MHz+20MHz

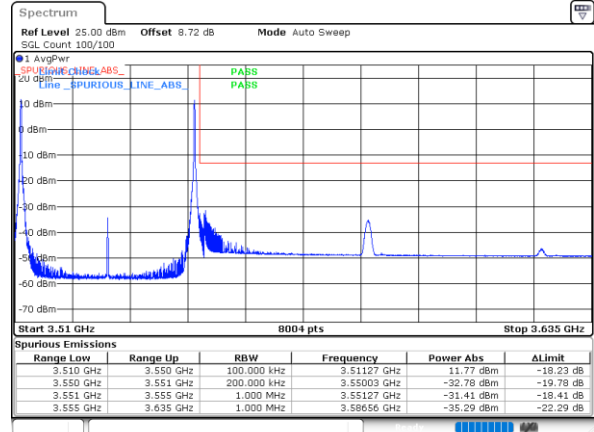
256QAM

Lowest Band Edge / 1RB0 and 1RB9



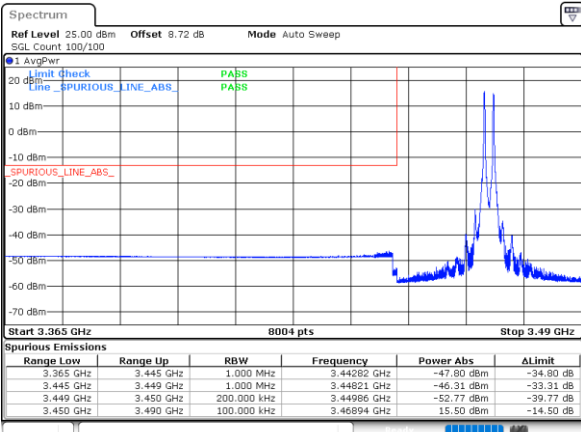
Date: 17, DEC, 2024 03:12:07

Highest Band Edge / 1RB0 and 1RB9



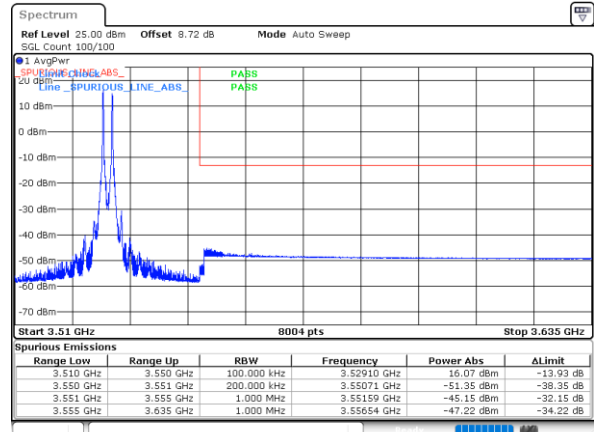
Date: 17, DEC, 2024 03:13:00

Lowest Band Edge / 1RB99 and 1RB0



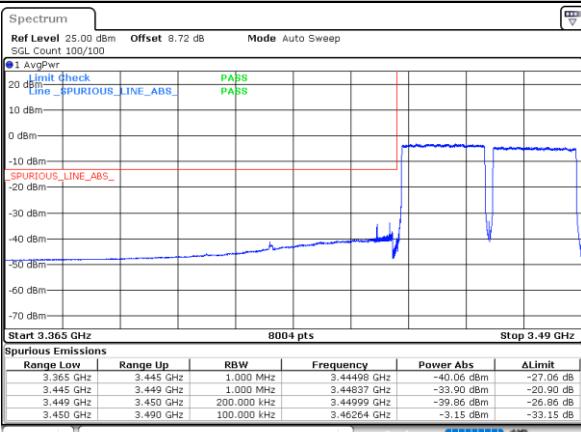
Date: 17, DEC, 2024 03:13:27

Highest Band Edge / 1RB99 and 1RB0



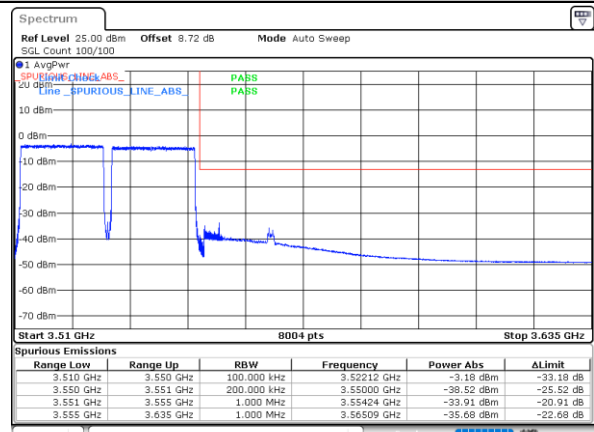
Date: 17, DEC, 2024 03:13:22

Lowest Band Edge / Full RB



Date: 17, DEC, 2024 03:18:17

Highest Band Edge / Full RB



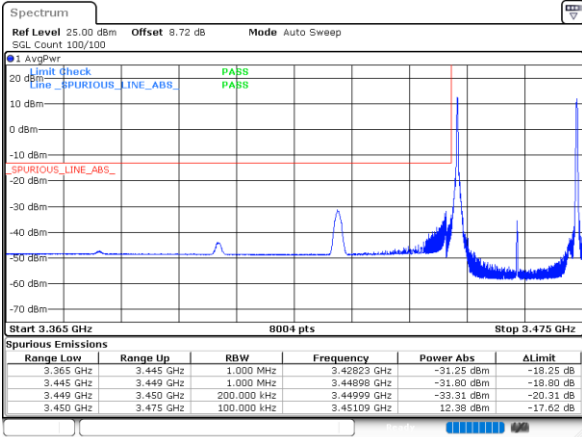
Date: 17, DEC, 2024 03:18:10



LTE Band 42C / 20MHz+5MHz

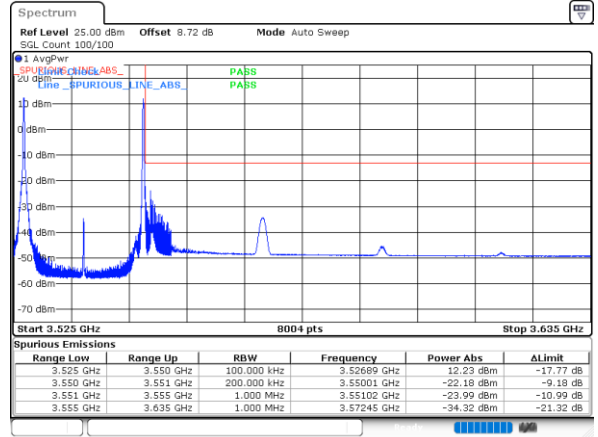
QPSK

Lowest Band Edge / 1RB0 and 1RB24



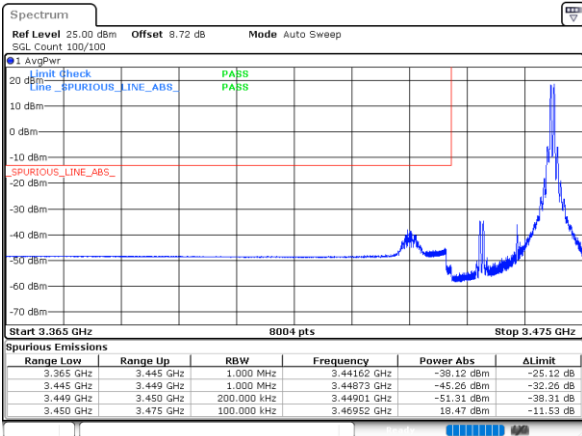
Date: 17. DEC. 2024 03:54:29

Highest Band Edge / 1RB0 and 1RB24



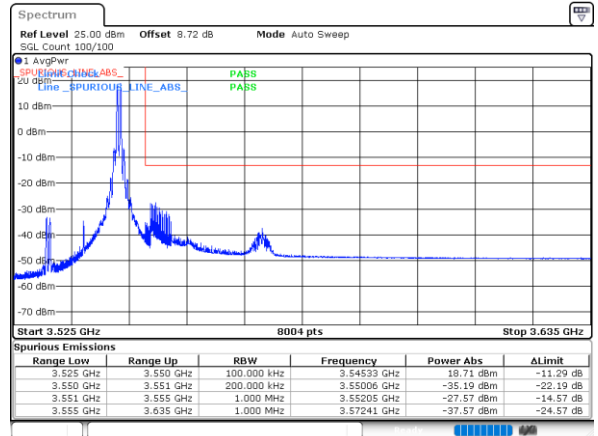
Date: 17. DEC. 2024 04:10:10

Lowest Band Edge / 1RB99 and 1RB0



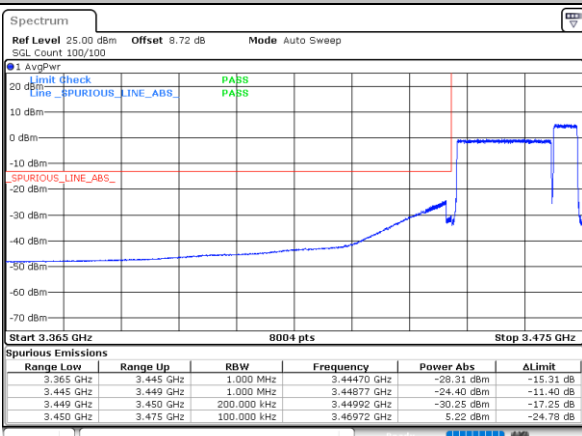
Date: 17. DEC. 2024 03:45:16

Highest Band Edge / 1RB99 and 1RB0



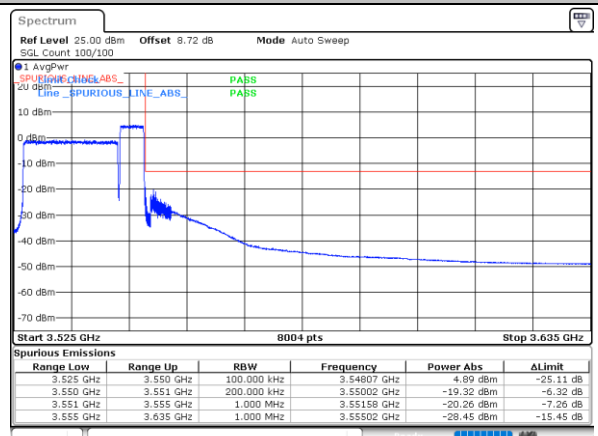
Date: 17. DEC. 2024 04:01:43

Lowest Band Edge / Full RB



Date: 17. DEC. 2024 03:50:15

Highest Band Edge / Full RB



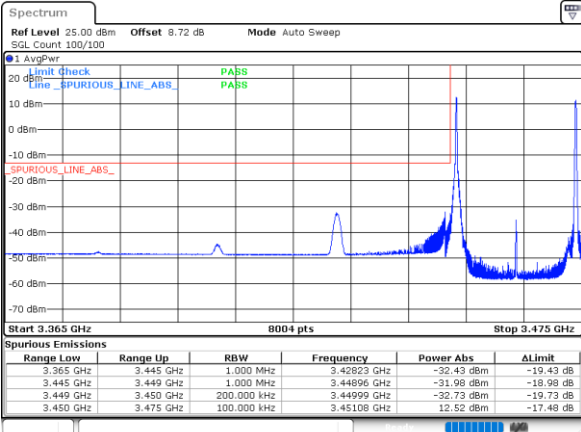
Date: 17. DEC. 2024 04:05:51



LTE Band 42C / 20MHz+5MHz

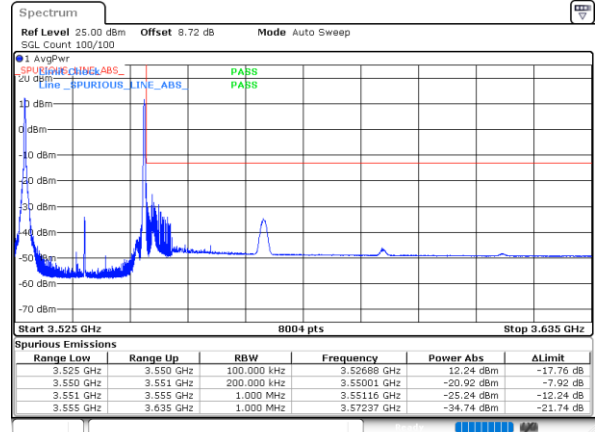
16QAM

Lowest Band Edge / 1RB0 and 1RB24



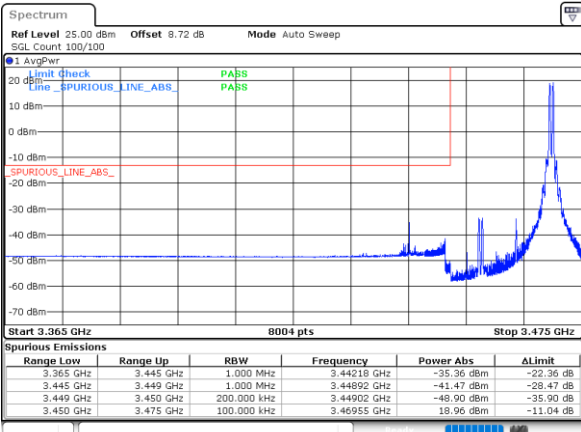
Date: 17, DEC, 2024 03:55:31

Highest Band Edge / 1RB0 and 1RB24



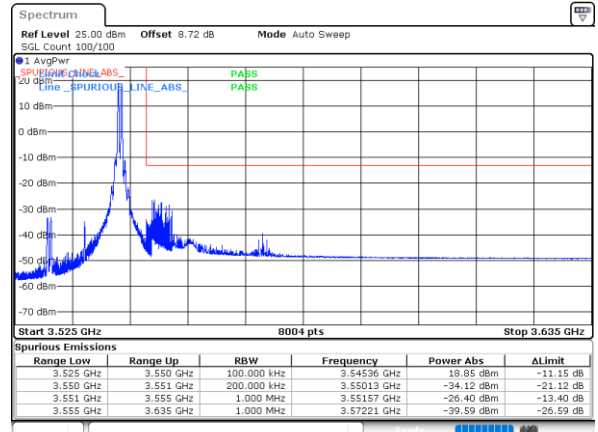
Date: 17, DEC, 2024 04:11:02

Lowest Band Edge / 1RB99 and 1RB0



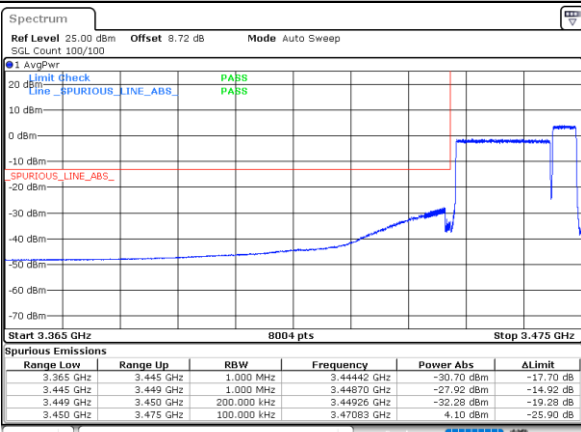
Date: 17, DEC, 2024 03:46:53

Highest Band Edge / 1RB99 and 1RB0



Date: 17, DEC, 2024 04:02:45

Lowest Band Edge / Full RB



Date: 17, DEC, 2024 03:51:22

Highest Band Edge / Full RB



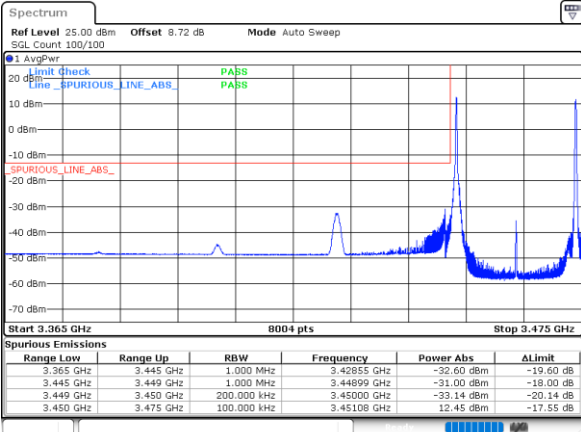
Date: 17, DEC, 2024 04:06:53



LTE Band 42C / 20MHz+5MHz

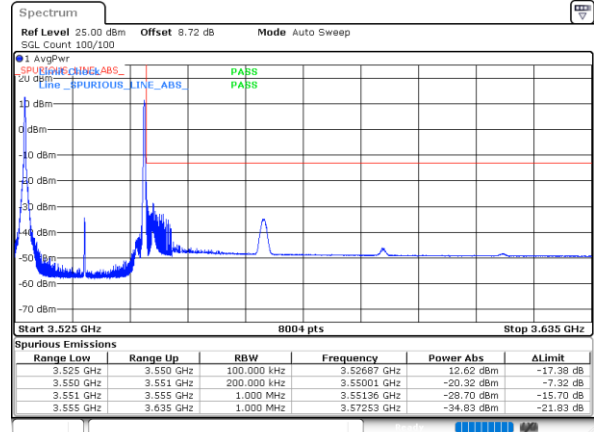
64QAM

Lowest Band Edge / 1RB0 and 1RB24



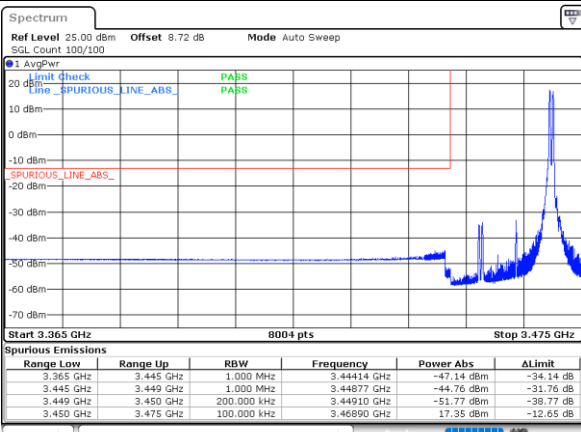
Date: 17, DEC, 2024 03:56:33

Highest Band Edge / 1RB0 and 1RB24



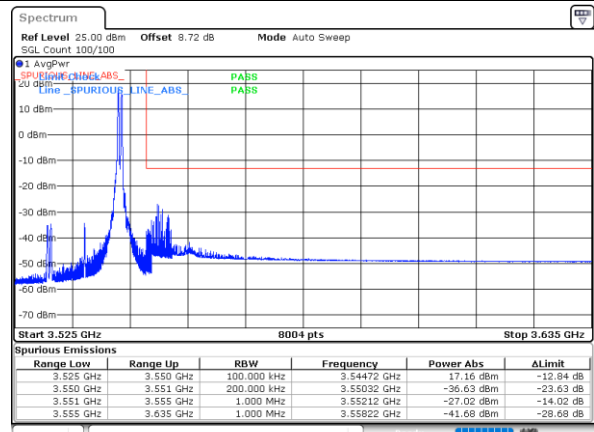
Date: 17, DEC, 2024 04:12:04

Lowest Band Edge / 1RB99 and 1RB0



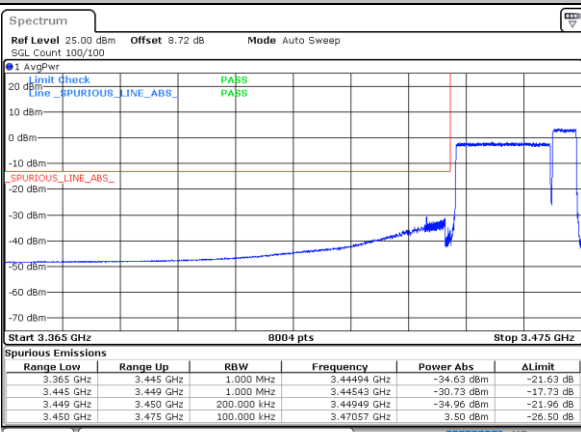
Date: 17, DEC, 2024 03:48:01

Highest Band Edge / 1RB99 and 1RB0



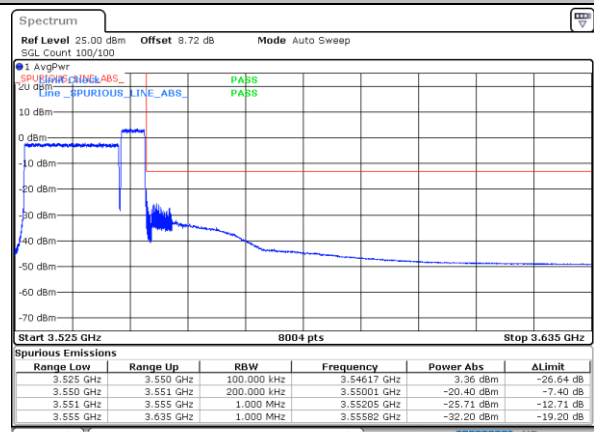
Date: 17, DEC, 2024 04:03:47

Lowest Band Edge / Full RB



Date: 17, DEC, 2024 03:52:25

Highest Band Edge / Full RB



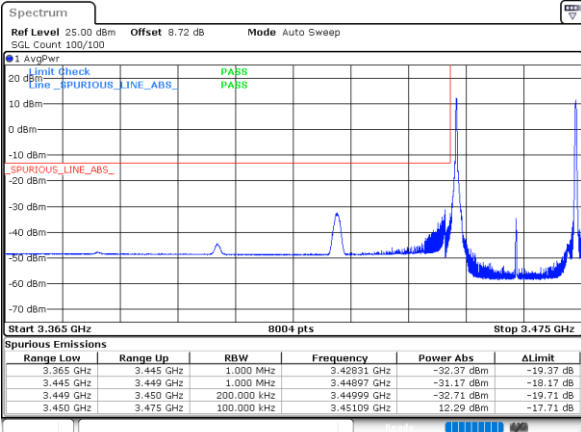
Date: 17, DEC, 2024 04:07:55



LTE Band 42C / 20MHz+5MHz

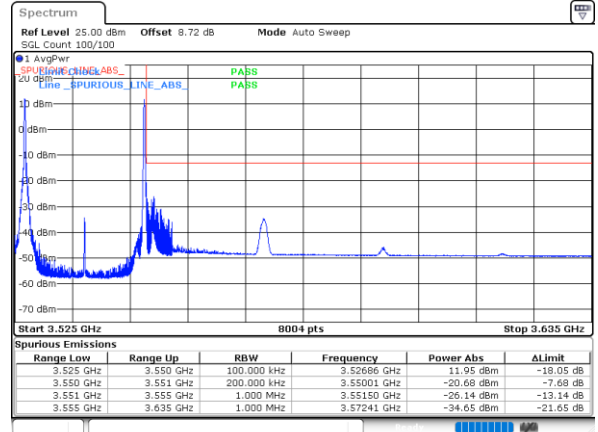
256QAM

Lowest Band Edge / 1RB0 and 1RB24



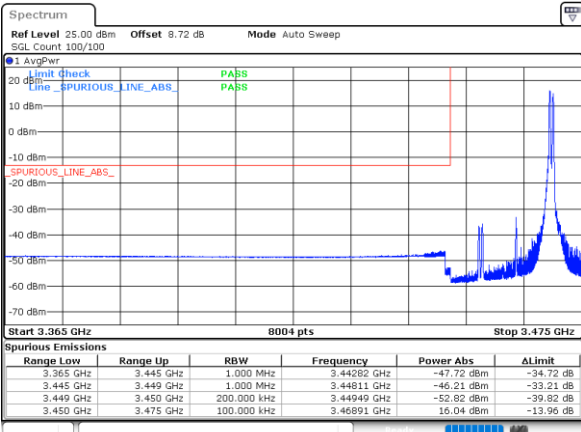
Date: 17, DEC, 2024 03:57:35

Highest Band Edge / 1RB0 and 1RB24



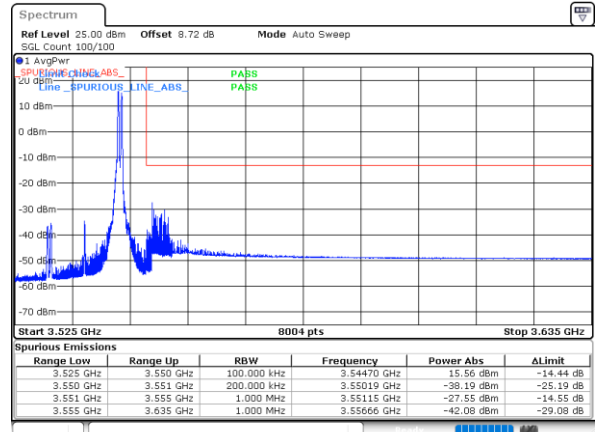
Date: 17, DEC, 2024 04:13:06

Lowest Band Edge / 1RB99 and 1RB0



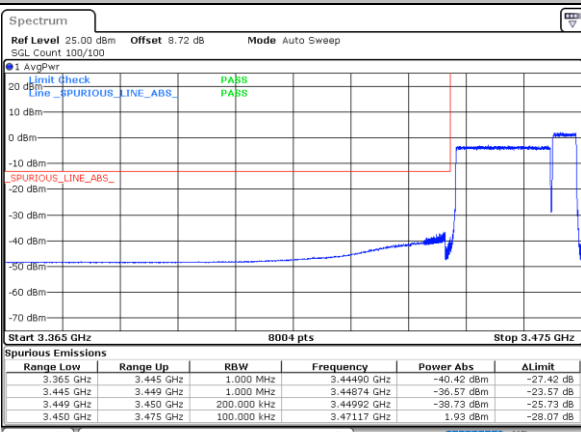
Date: 17, DEC, 2024 03:49:08

Highest Band Edge / 1RB99 and 1RB0



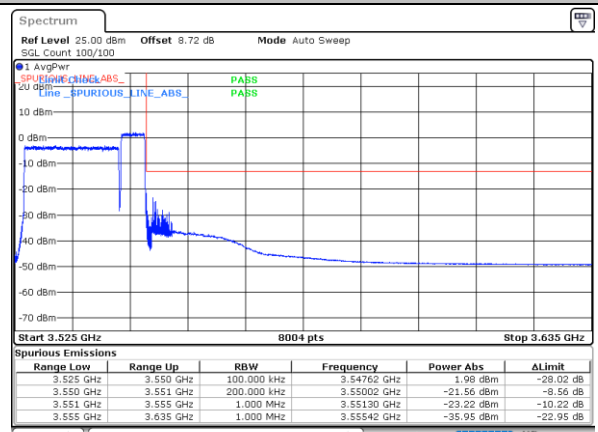
Date: 17, DEC, 2024 04:04:49

Lowest Band Edge / Full RB



Date: 17, DEC, 2024 03:53:26

Highest Band Edge / Full RB



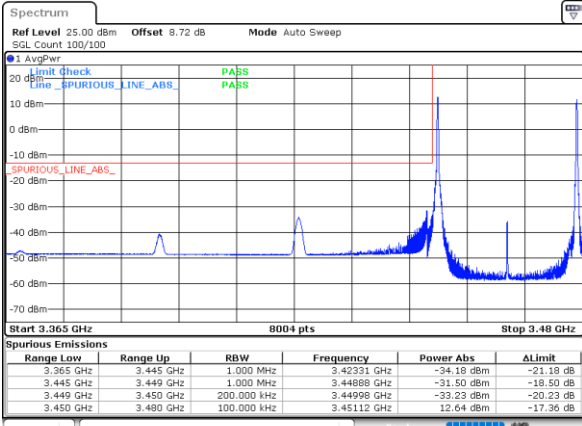
Date: 17, DEC, 2024 04:08:57



LTE Band 42C / 20MHz+10MHz

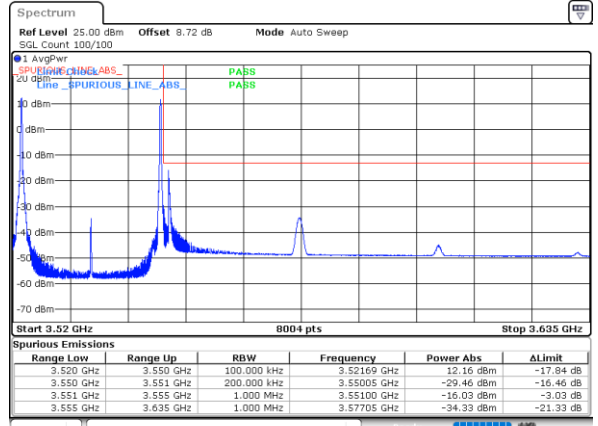
QPSK

Lowest Band Edge / 1RB0 and 1RB49



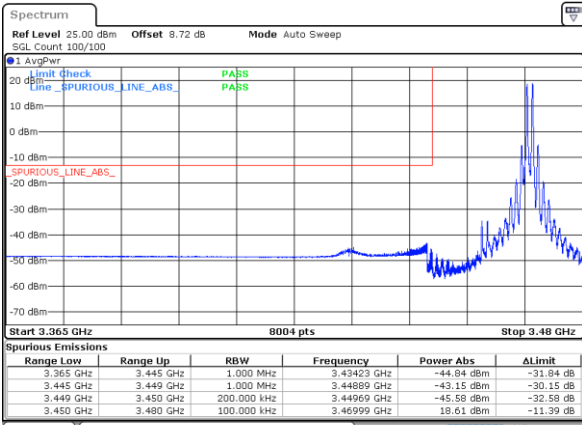
Date: 17, DEC, 2024 04:24:00

Highest Band Edge / 1RB0 and 1RB49



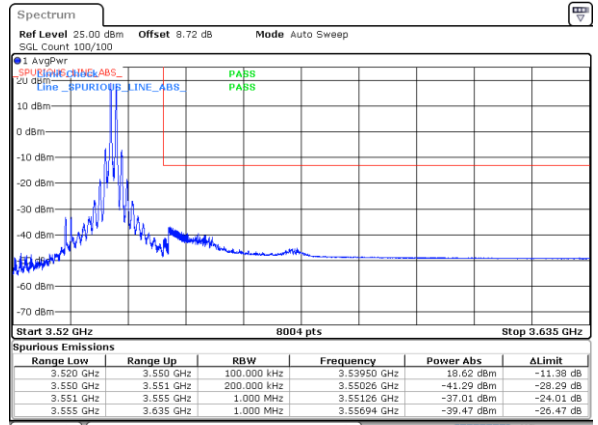
Date: 17, DEC, 2024 04:19:33

Lowest Band Edge / 1RB99 and 1RB0



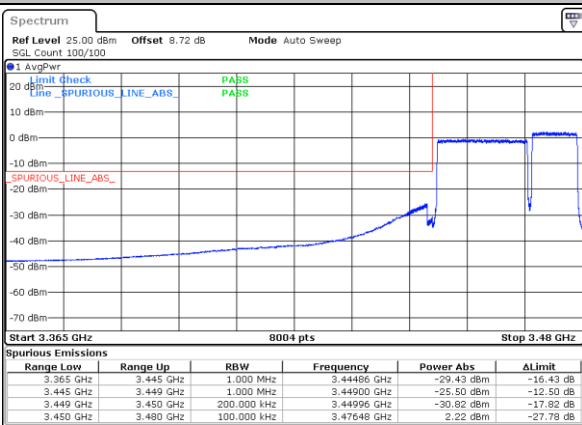
Date: 17, DEC, 2024 04:19:42

Highest Band Edge / 1RB99 and 1RB0



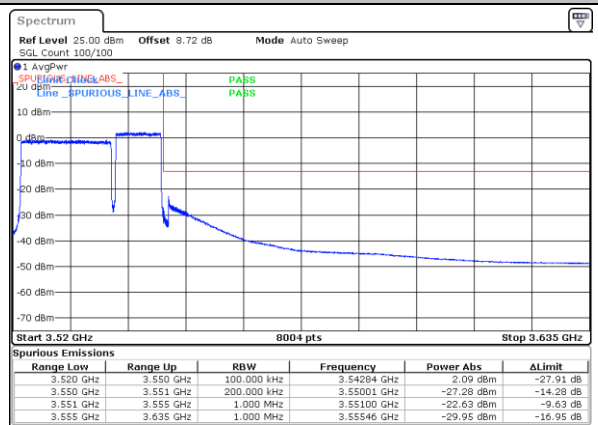
Date: 17, DEC, 2024 04:31:14

Lowest Band Edge / Full RB



Date: 17, DEC, 2024 04:19:51

Highest Band Edge / Full RB



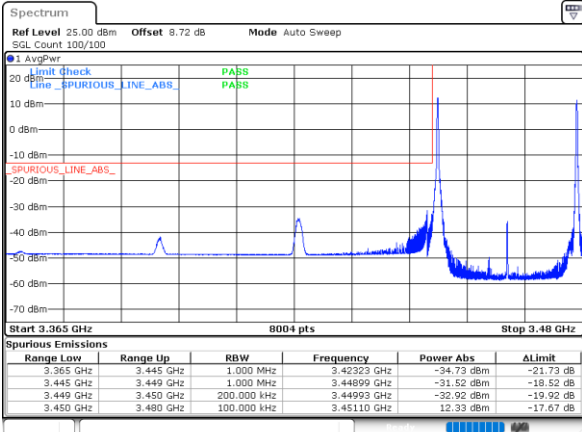
Date: 17, DEC, 2024 04:35:23



LTE Band 42C / 20MHz+10MHz

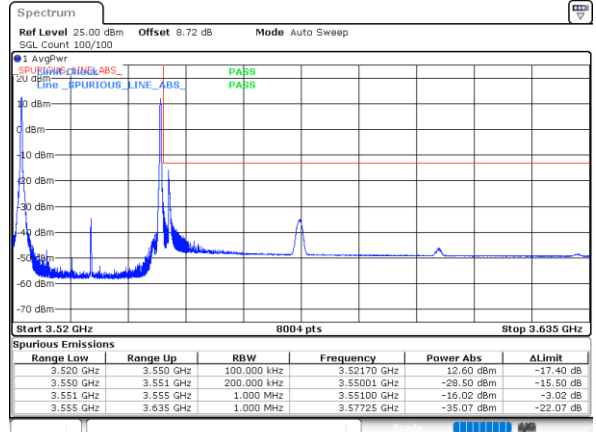
16QAM

Lowest Band Edge / 1RB0 and 1RB49



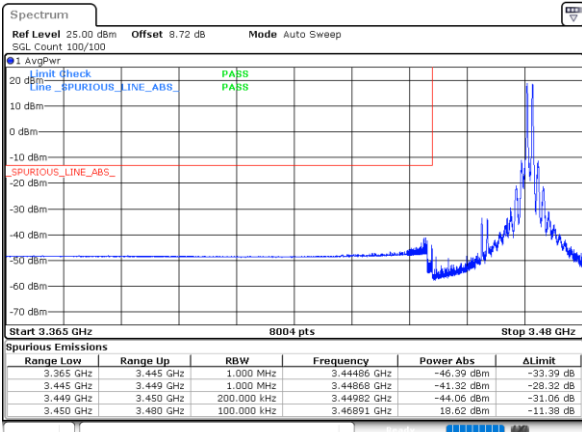
Date: 17, DEC, 2024 04:25:02

Highest Band Edge / 1RB0 and 1RB49



Date: 17, DEC, 2024 04:40:35

Lowest Band Edge / 1RB99 and 1RB0



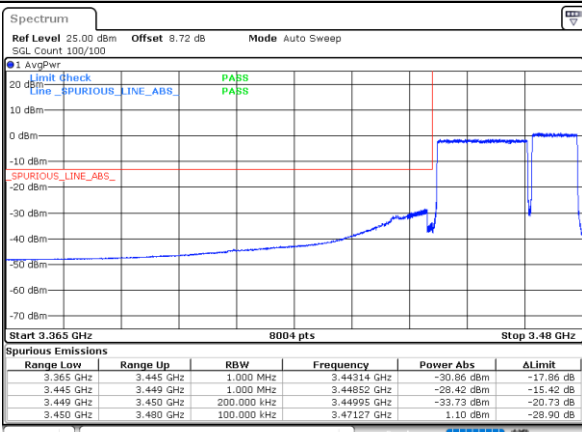
Date: 17, DEC, 2024 04:16:44

Highest Band Edge / 1RB99 and 1RB0



Date: 17, DEC, 2024 04:32:16

Lowest Band Edge / Full RB



Date: 17, DEC, 2024 04:20:53

Highest Band Edge / Full RB



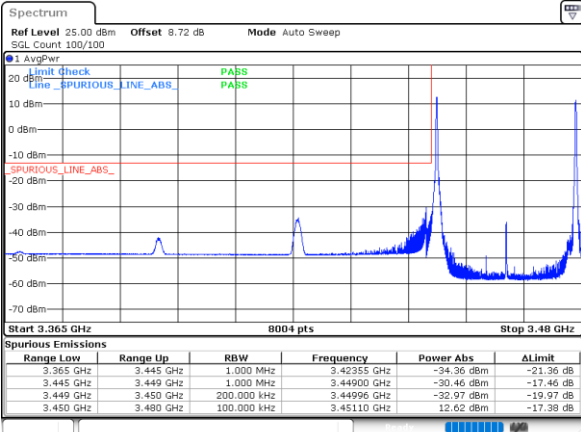
Date: 17, DEC, 2024 04:36:26



LTE Band 42C / 20MHz+10MHz

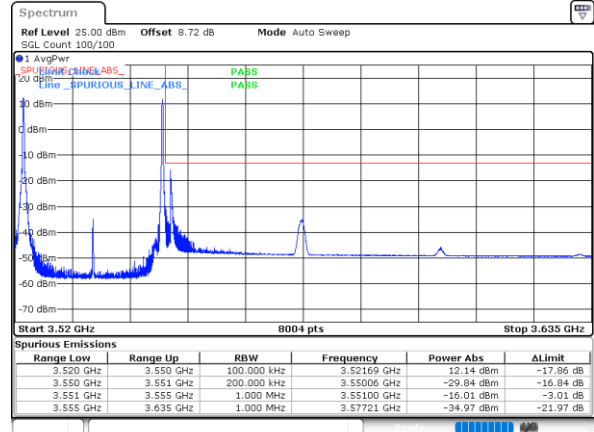
64QAM

Lowest Band Edge / 1RB0 and 1RB49



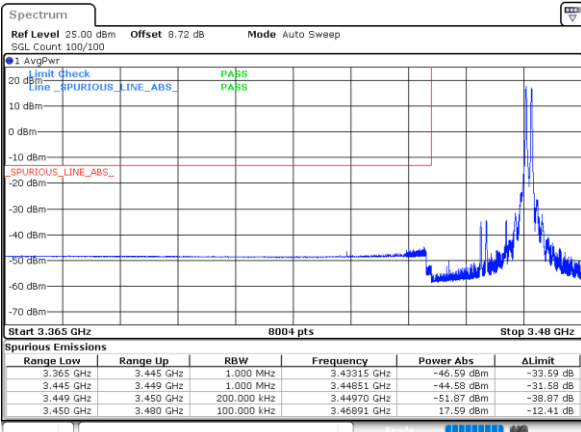
Date: 17, DEC, 2024 04:12:04

Highest Band Edge / 1RB0 and 1RB49



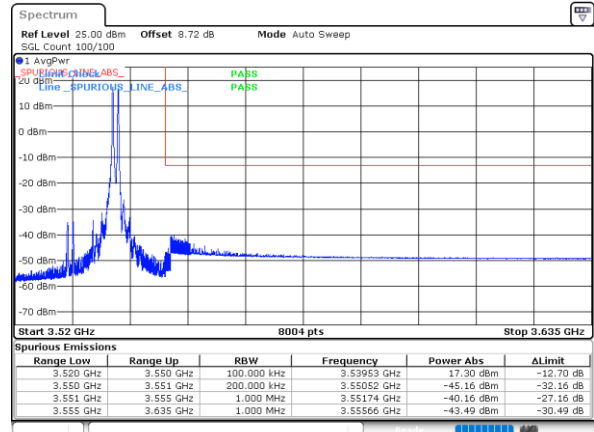
Date: 17, DEC, 2024 04:41:37

Lowest Band Edge / 1RB99 and 1RB0



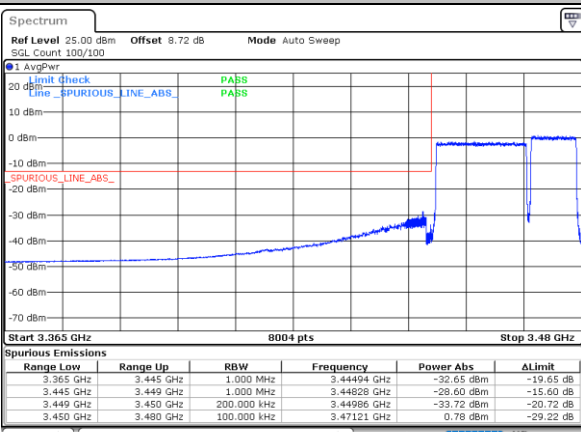
Date: 17, DEC, 2024 04:17:46

Highest Band Edge / 1RB99 and 1RB0



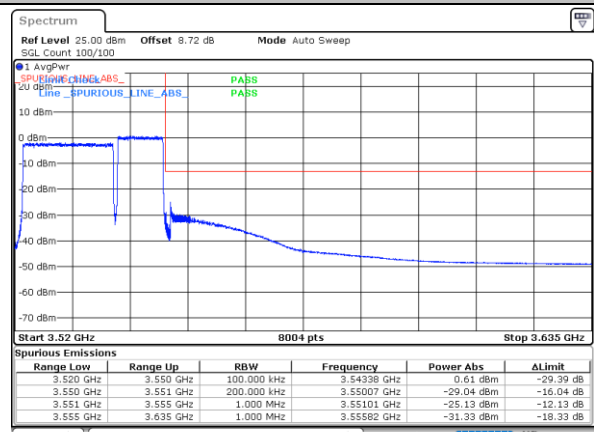
Date: 17, DEC, 2024 04:33:19

Lowest Band Edge / Full RB



Date: 17, DEC, 2024 04:21:55

Highest Band Edge / Full RB



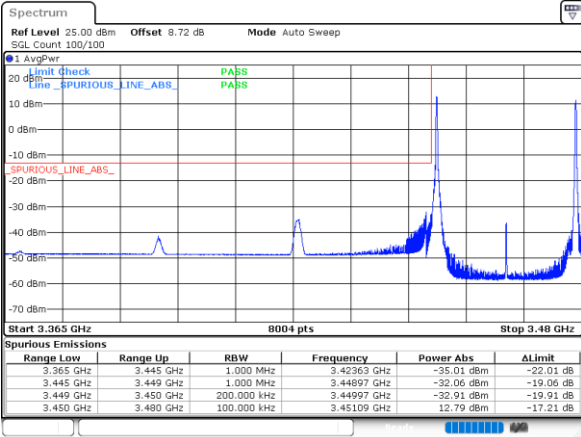
Date: 17, DEC, 2024 04:37:28



LTE Band 42C / 20MHz+10MHz

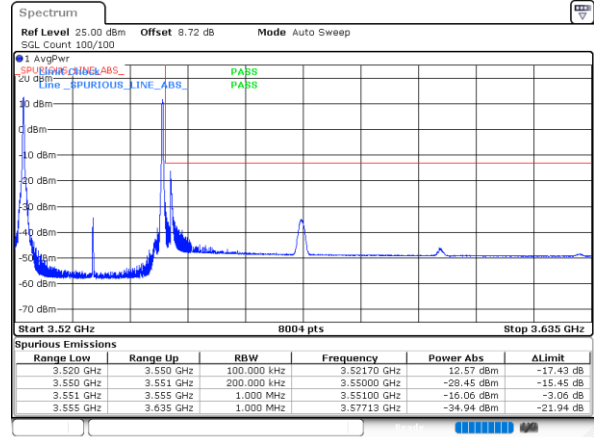
256QAM

Lowest Band Edge / 1RB0 and 1RB49



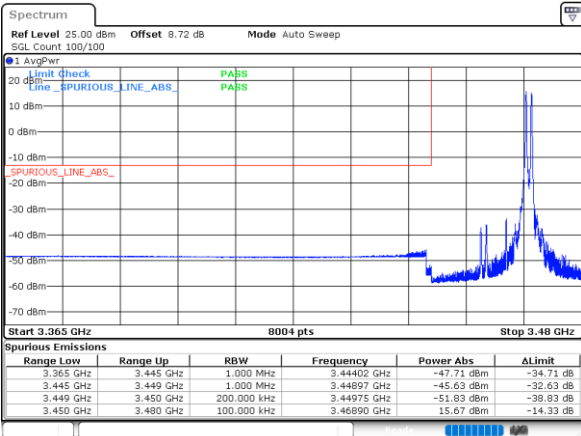
Date: 17, DEC, 2024 04:27:06

Highest Band Edge / 1RB0 and 1RB49



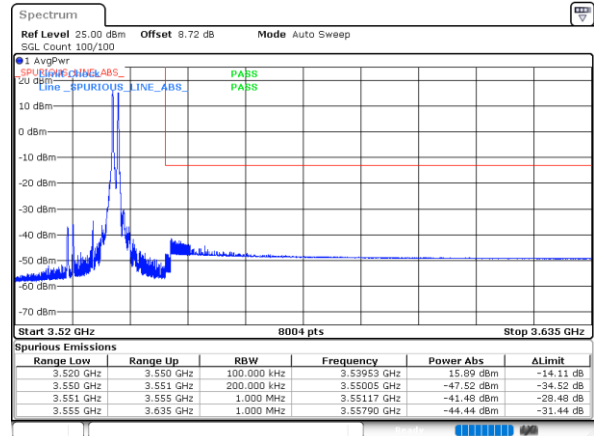
Date: 17, DEC, 2024 04:42:40

Lowest Band Edge / 1RB99 and 1RB0



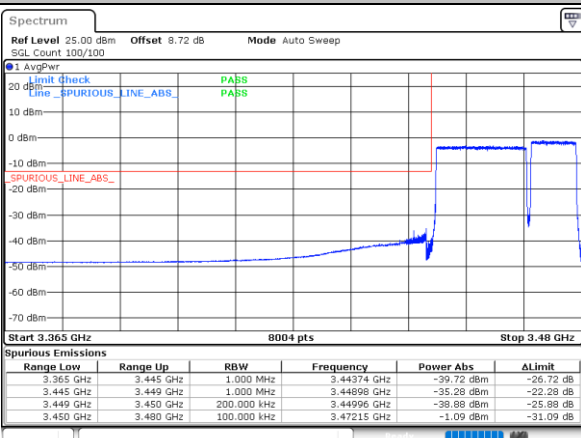
Date: 17, DEC, 2024 04:18:48

Highest Band Edge / 1RB99 and 1RB0



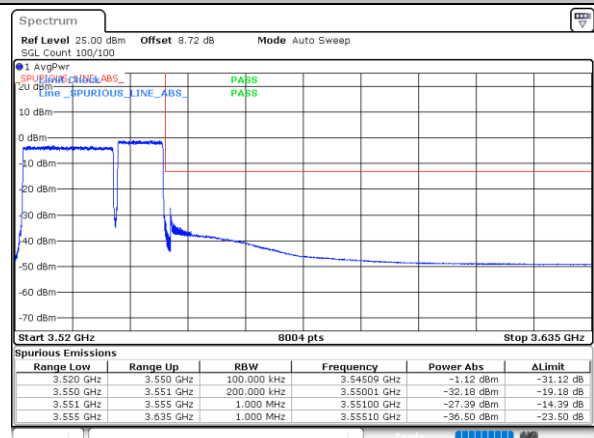
Date: 17, DEC, 2024 04:34:21

Lowest Band Edge / Full RB



Date: 17, DEC, 2024 04:22:57

Highest Band Edge / Full RB



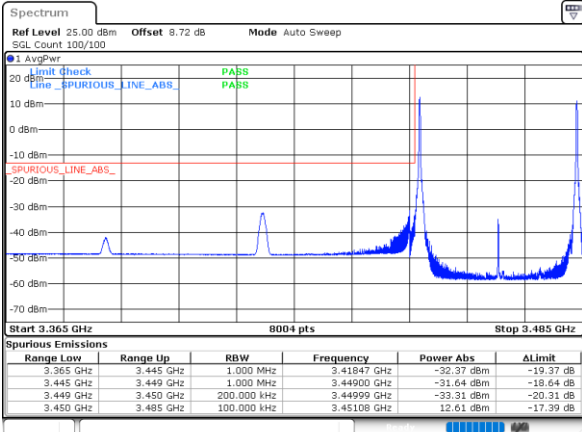
Date: 17, DEC, 2024 04:38:30



LTE Band 42C / 20MHz+15MHz

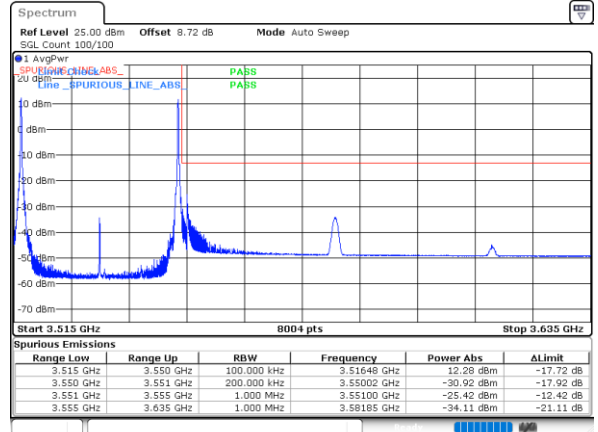
QPSK

Lowest Band Edge / 1RB0 and 1RB74



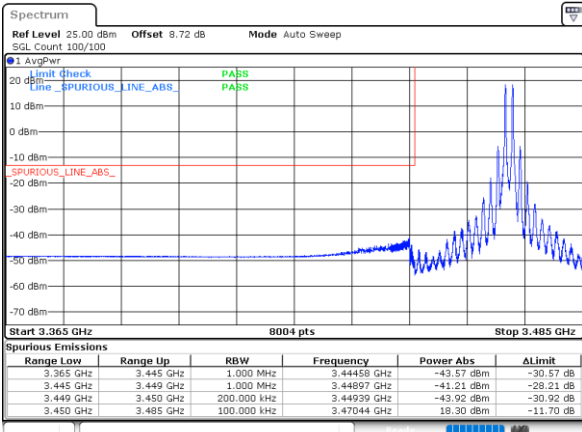
Date: 17, DEC, 2024 04:53:34

Highest Band Edge / 1RB0 and 1RB74



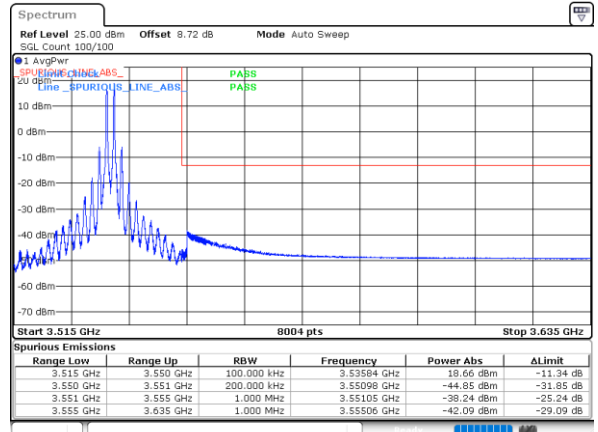
Date: 17, DEC, 2024 05:09:05

Lowest Band Edge / 1RB99 and 1RB0



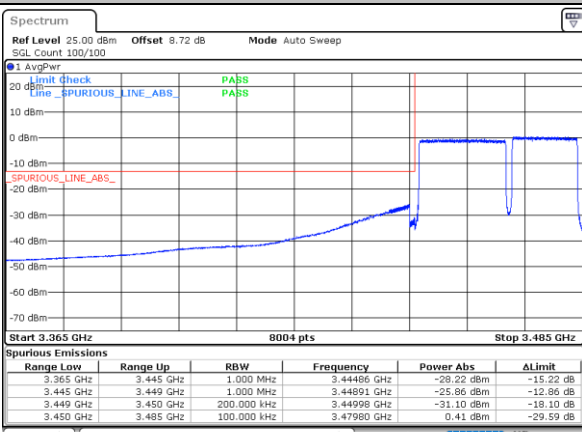
Date: 17, DEC, 2024 04:45:15

Highest Band Edge / 1RB99 and 1RB0



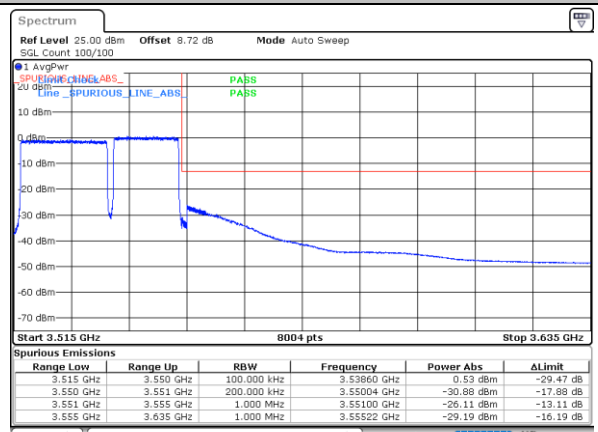
Date: 17, DEC, 2024 05:00:48

Lowest Band Edge / Full RB



Date: 17, DEC, 2024 04:49:25

Highest Band Edge / Full RB



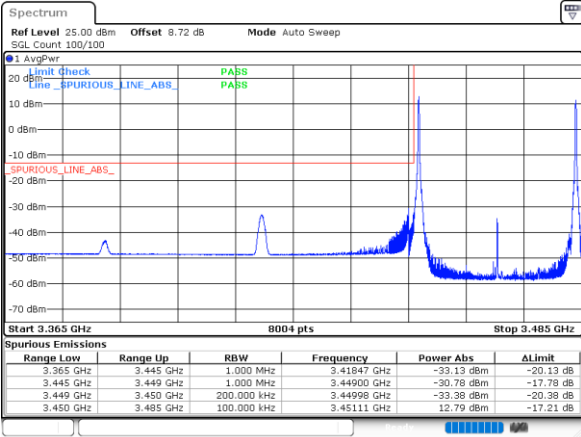
Date: 17, DEC, 2024 05:04:56



LTE Band 42C / 20MHz+15MHz

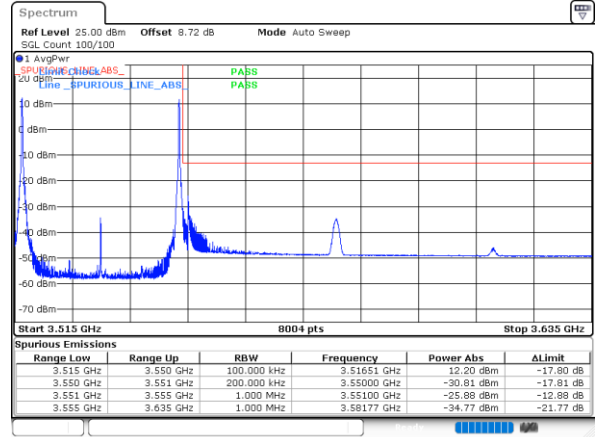
16QAM

Lowest Band Edge / 1RB0 and 1RB74



Date: 17, DEC, 2024 04:54:36

Highest Band Edge / 1RB0 and 1RB74



Date: 17, DEC, 2024 05:10:07

Lowest Band Edge / 1RB99 and 1RB0



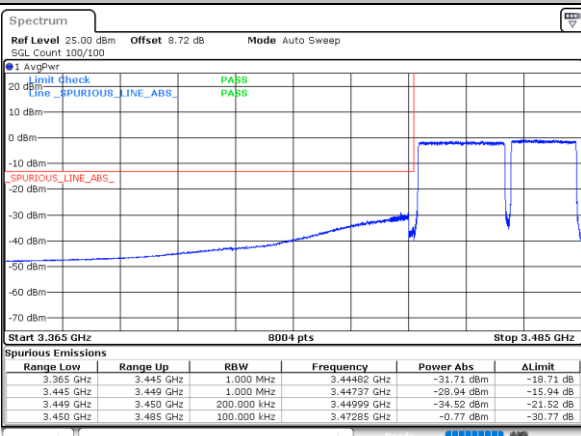
Date: 17, DEC, 2024 04:46:17

Highest Band Edge / 1RB99 and 1RB0



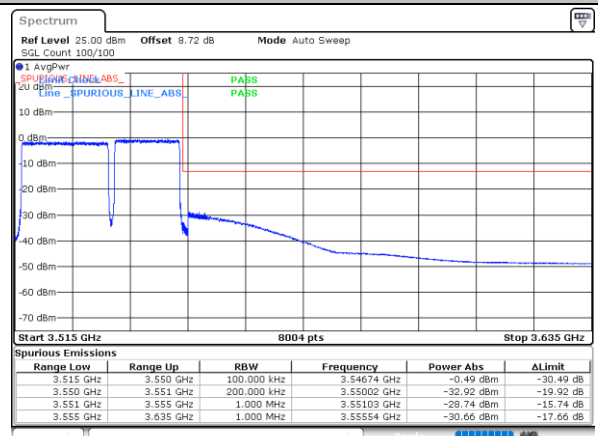
Date: 17, DEC, 2024 05:01:50

Lowest Band Edge / Full RB



Date: 17, DEC, 2024 04:50:27

Highest Band Edge / Full RB



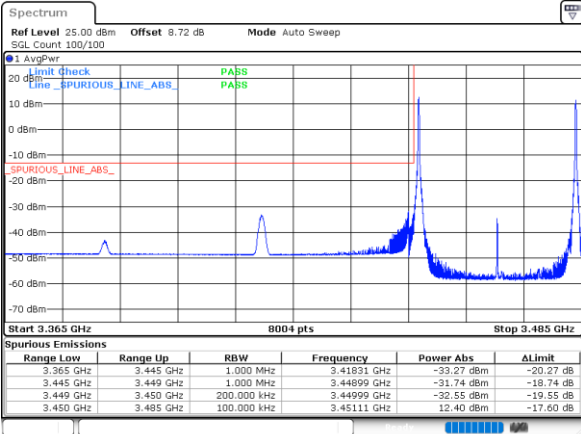
Date: 17, DEC, 2024 05:05:58



LTE Band 42C / 20MHz+15MHz

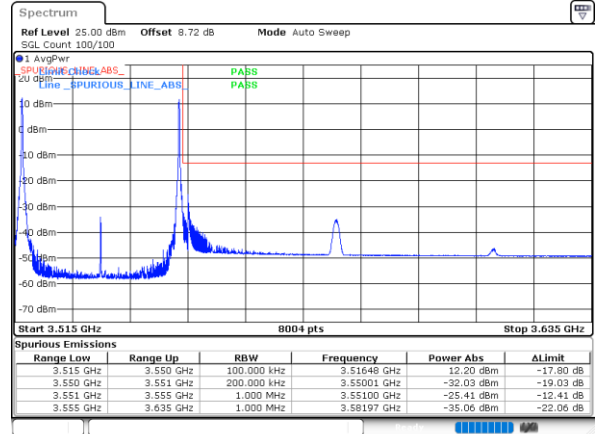
64QAM

Lowest Band Edge / 1RB0 and 1RB74



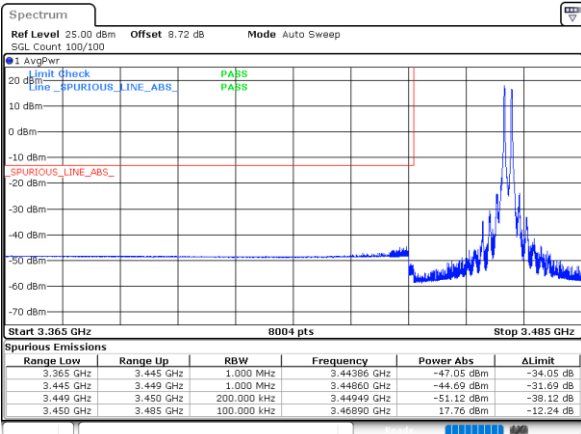
Date: 17, DEC, 2024 04:55:38

Highest Band Edge / 1RB0 and 1RB74



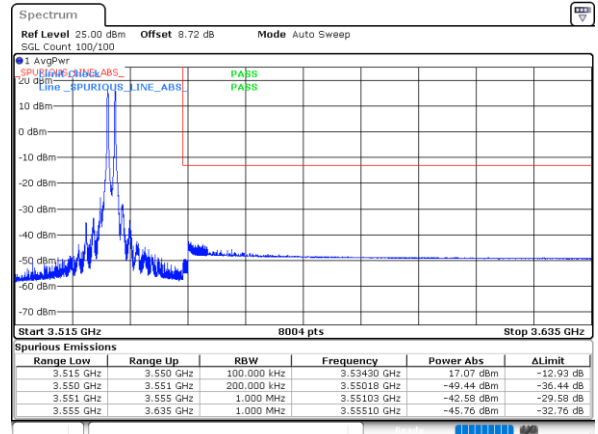
Date: 17, DEC, 2024 05:11:10

Lowest Band Edge / 1RB99 and 1RB0



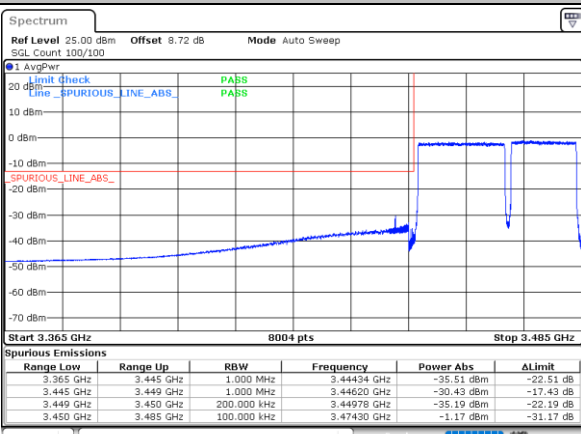
Date: 17, DEC, 2024 04:47:20

Highest Band Edge / 1RB99 and 1RB0



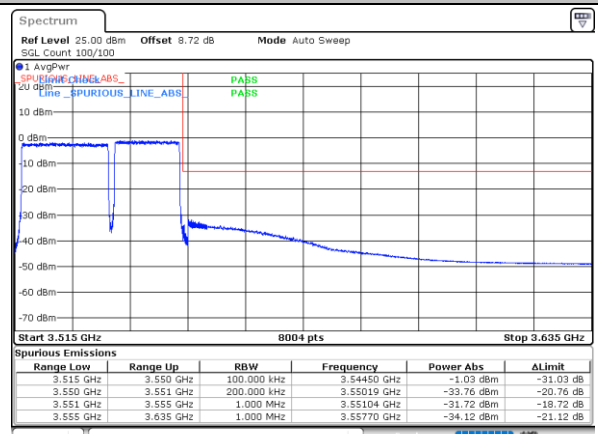
Date: 17, DEC, 2024 05:02:52

Lowest Band Edge / Full RB



Date: 17, DEC, 2024 04:51:29

Highest Band Edge / Full RB



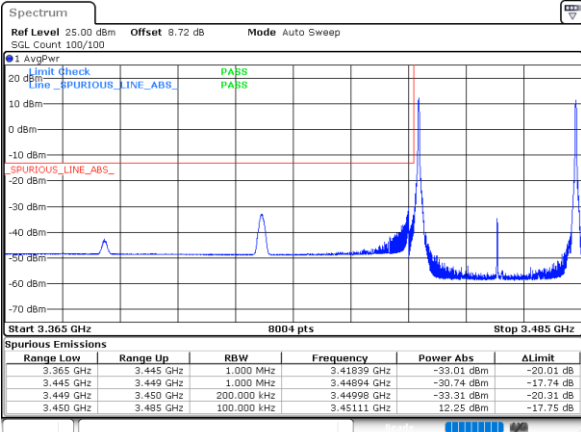
Date: 17, DEC, 2024 05:07:00



LTE Band 42C / 20MHz+15MHz

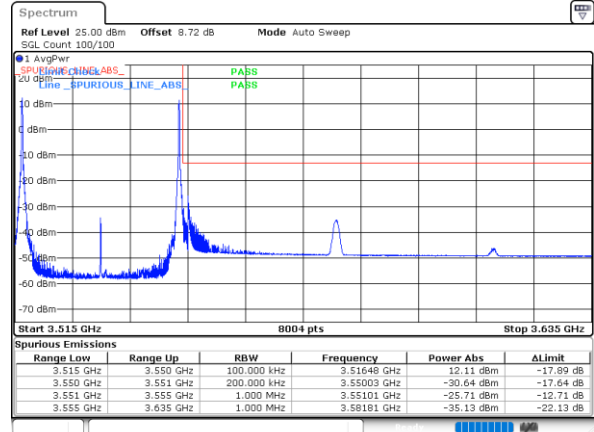
256QAM

Lowest Band Edge / 1RB0 and 1RB74



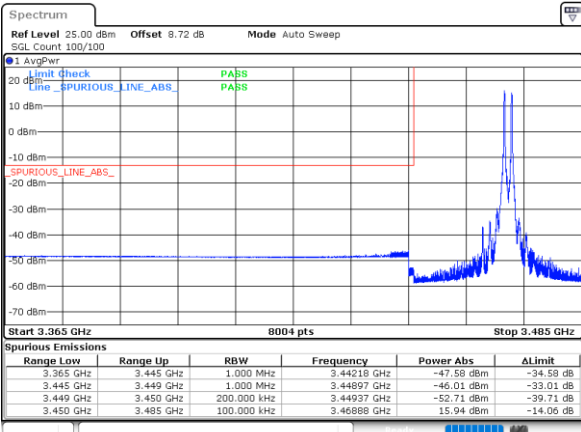
Date: 17, DEC, 2024 04:56:40

Highest Band Edge / 1RB0 and 1RB74



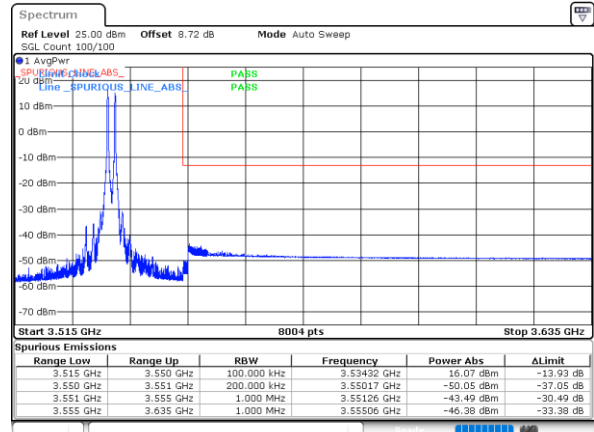
Date: 17, DEC, 2024 05:12:12

Lowest Band Edge / 1RB99 and 1RB0



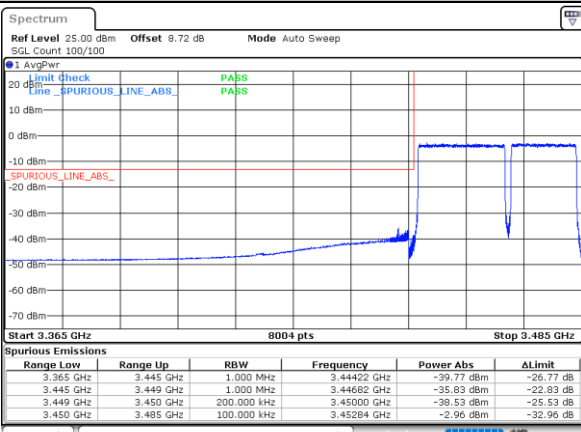
Date: 17, DEC, 2024 04:48:22

Highest Band Edge / 1RB99 and 1RB0



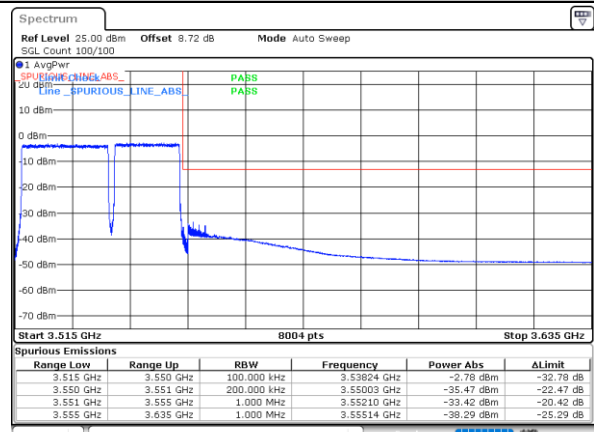
Date: 17, DEC, 2024 05:03:54

Lowest Band Edge / Full RB



Date: 17, DEC, 2024 04:52:31

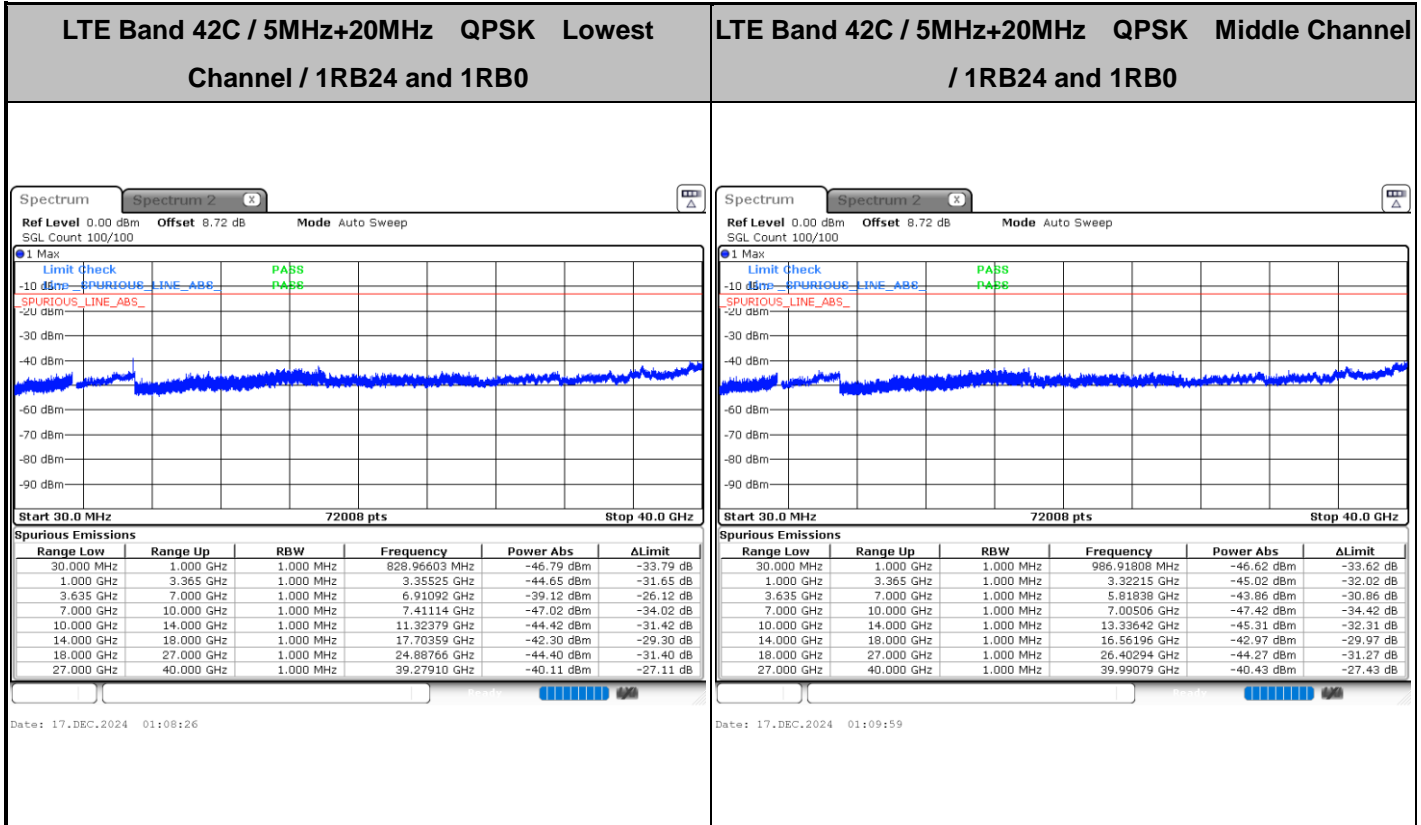
Highest Band Edge / Full RB

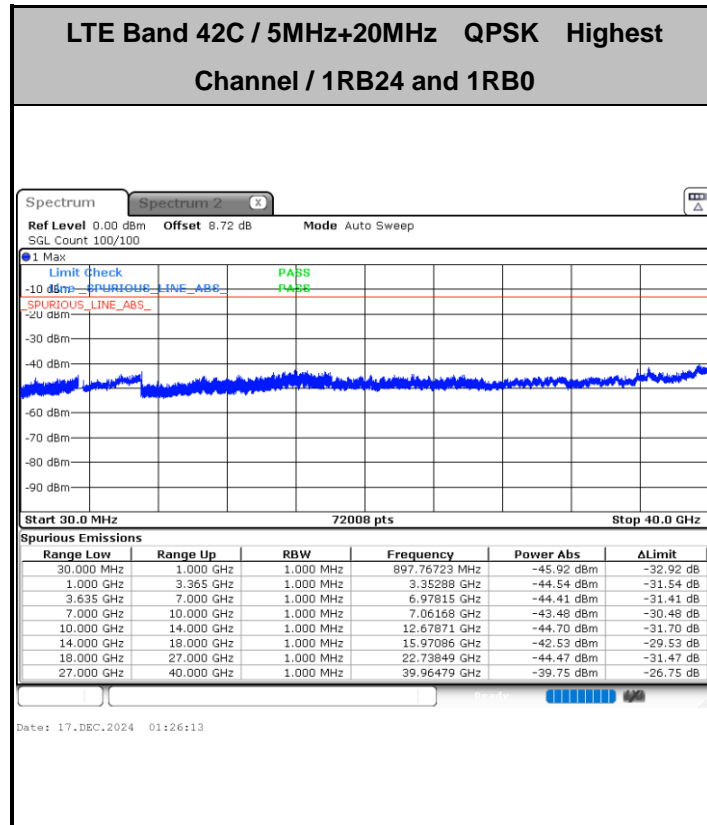


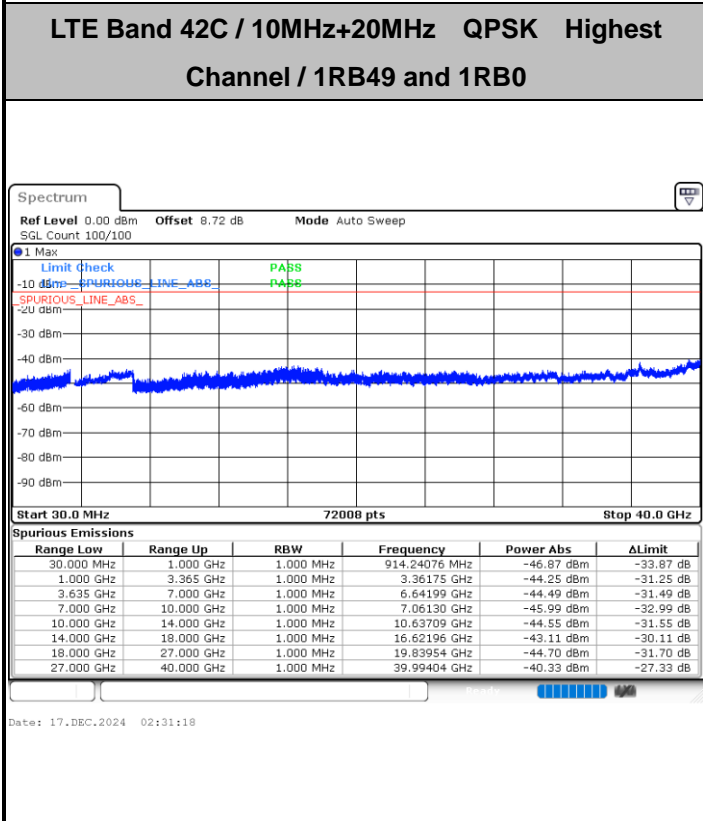
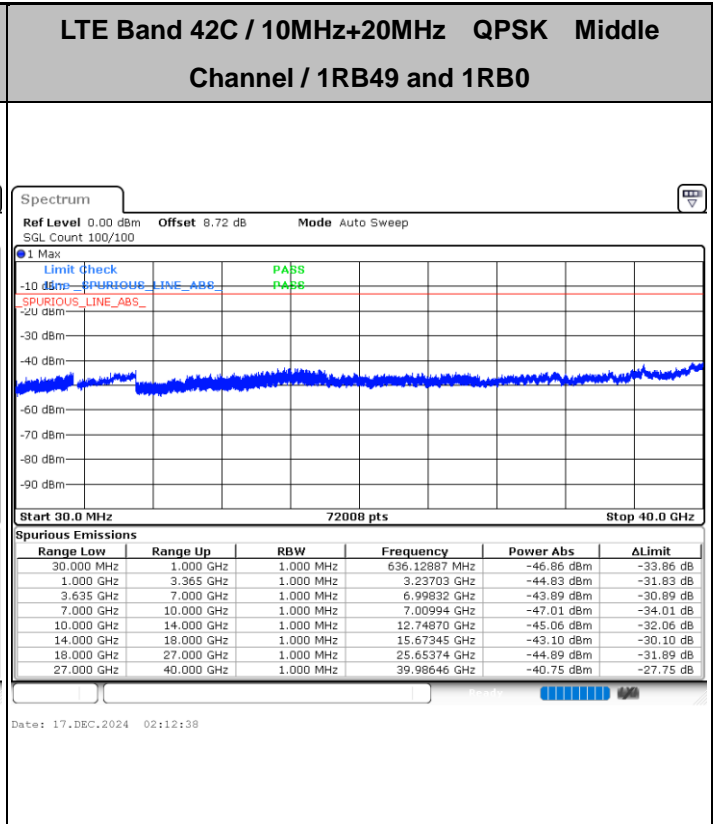
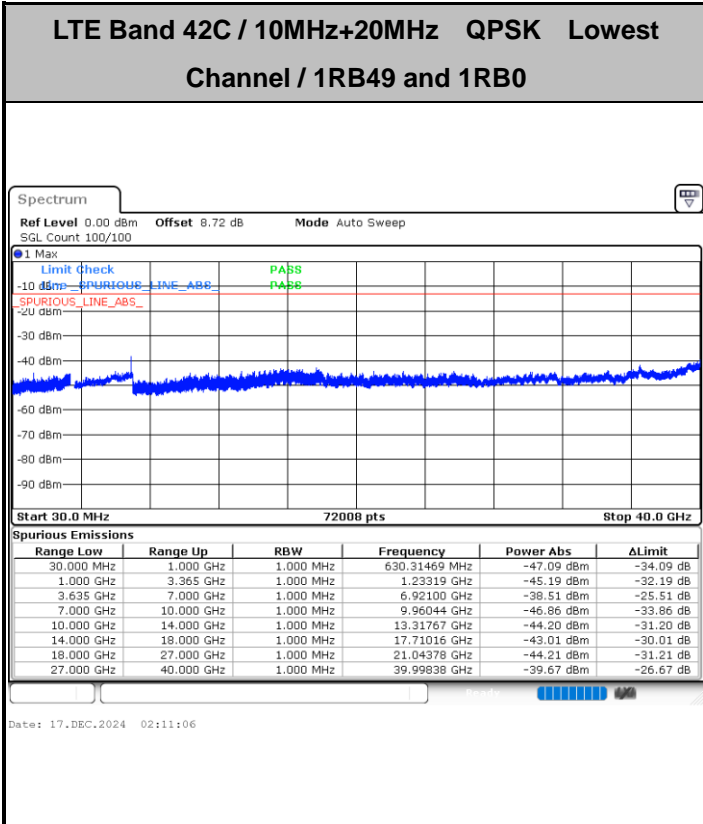
Date: 17, DEC, 2024 05:08:03

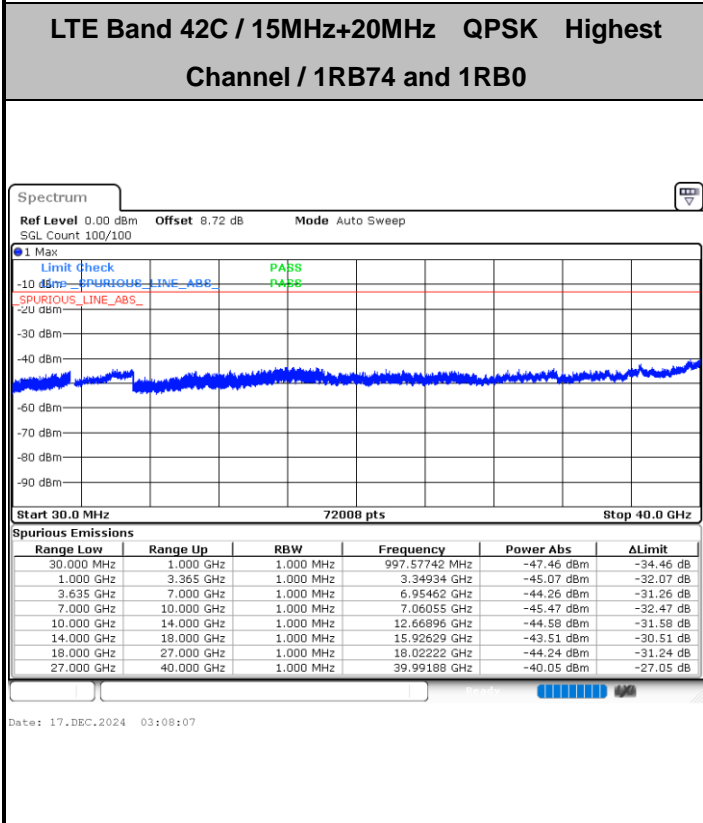
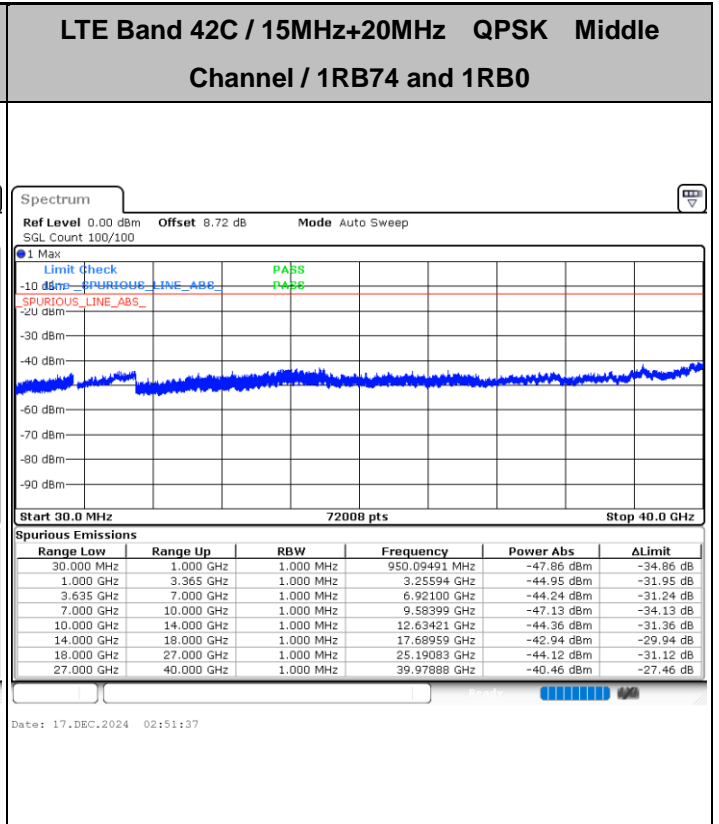
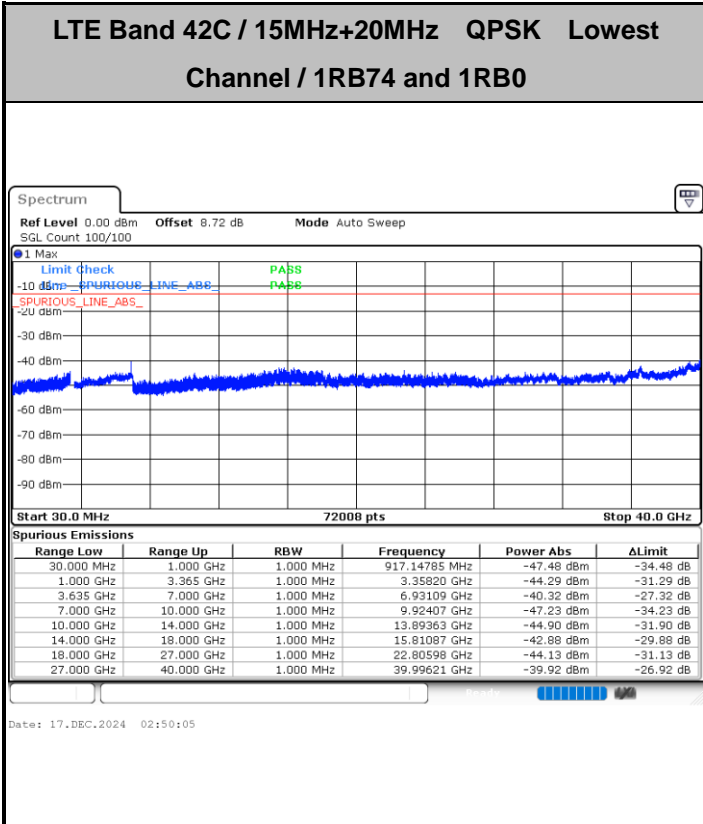


Conducted Spurious Emission





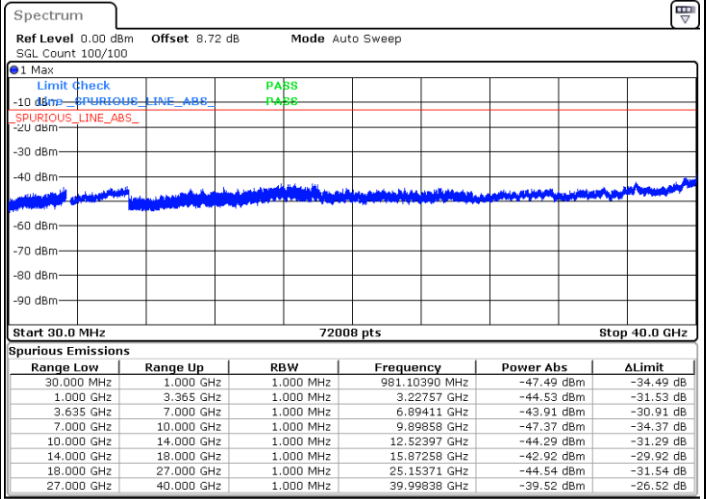
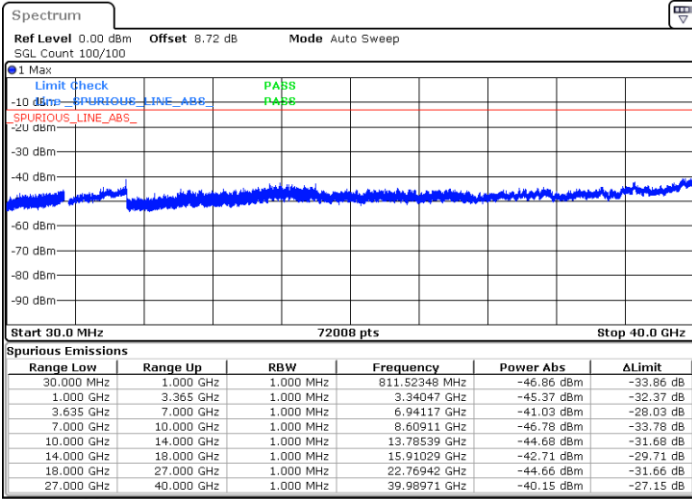






LTE Band 42C / 20MHz+20MHz QPSK Lowest Channel / 1RB99 and 1RB0

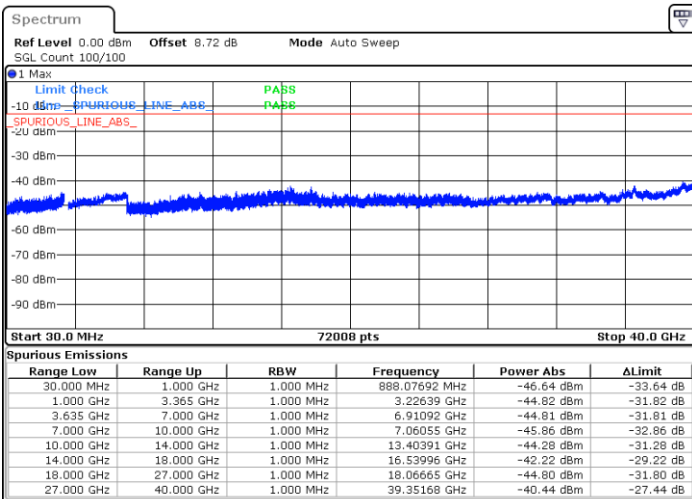
LTE Band 42C / 20MHz+20MHz QPSK Middle Channel / 1RB99 and 1RB0



Date: 17.DEC.2024 03:24:34

Date: 17.DEC.2024 03:26:07

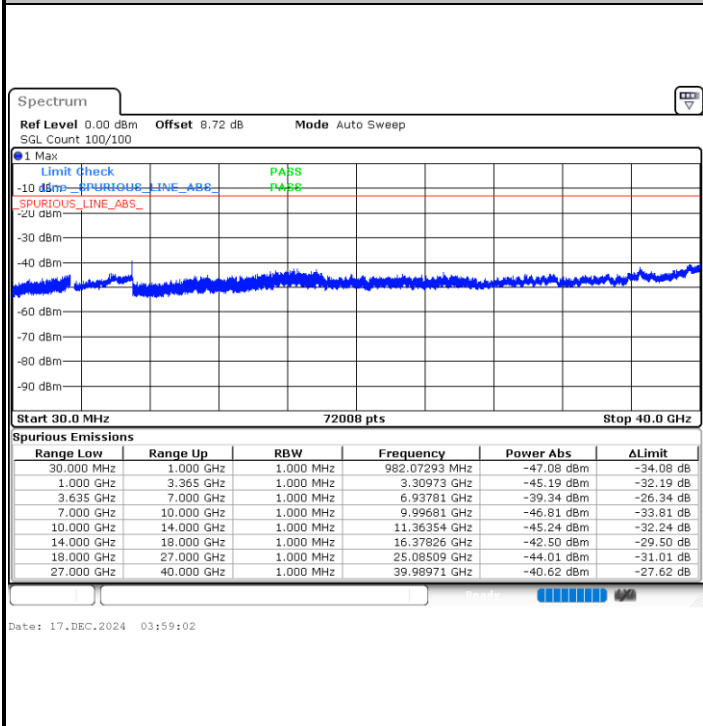
LTE Band 42C / 20MHz+20MHz QPSK Highest Channel / 1RB99 and 1RB0



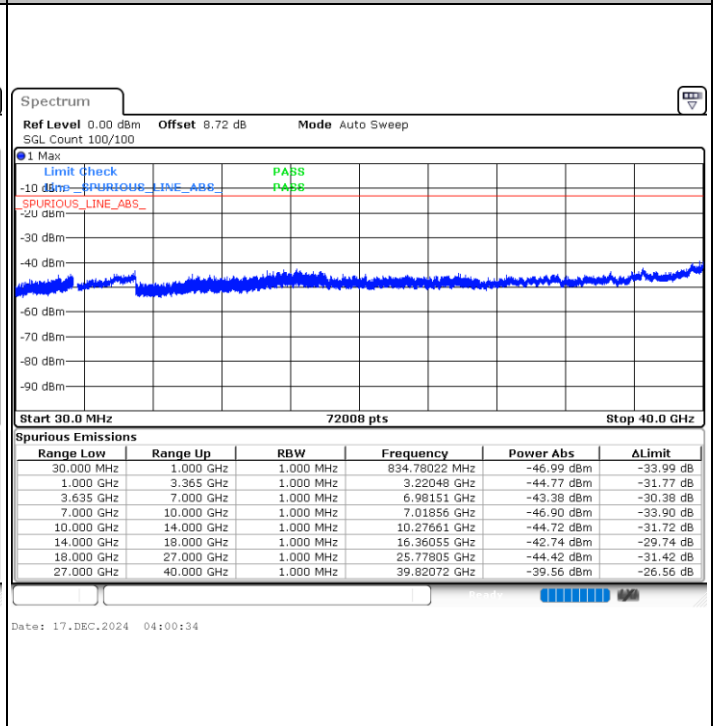
Date: 17.DEC.2024 03:44:27



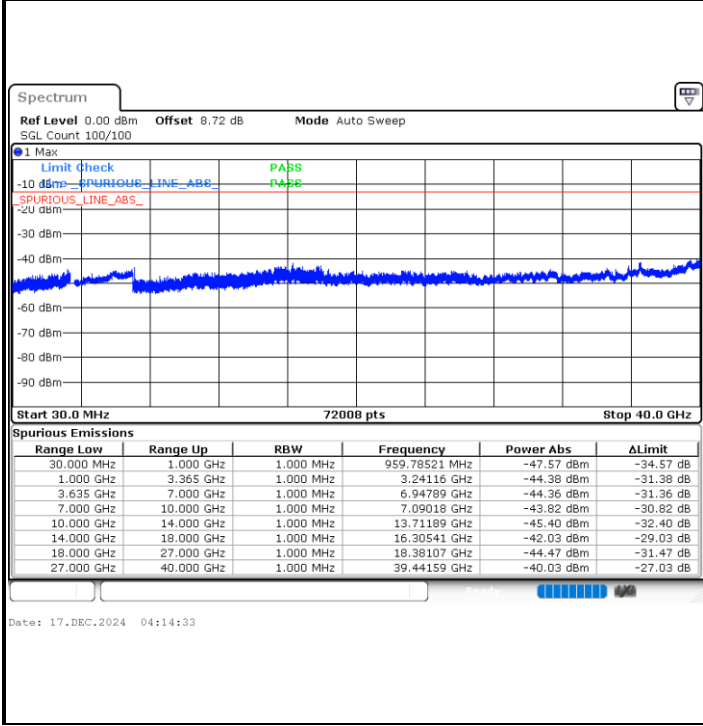
LTE Band 42C / 20MHz+5MHz QPSK Lowest Channel / 1RB99 and 1RB0



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



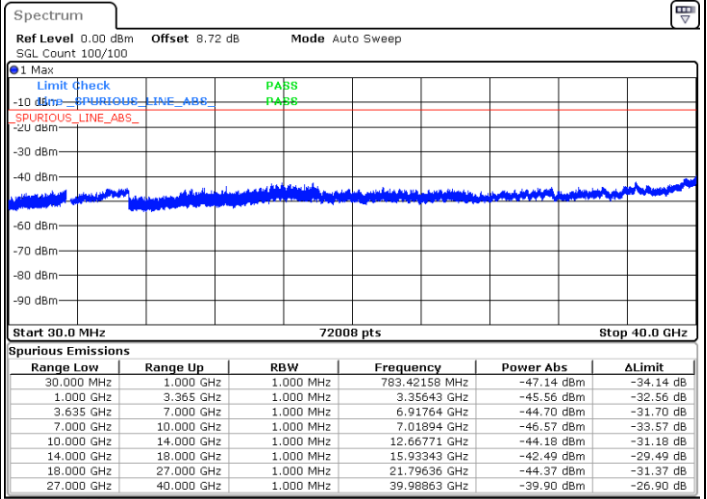
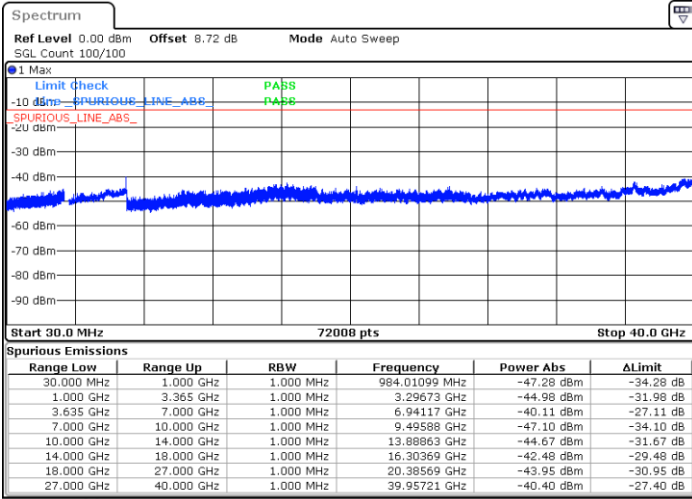
LTE Band 42C / 20MHz+5MHz QPSK Highest Channel / 1RB99 and 1RB0





LTE Band 42C / 20MHz+10MHz QPSK Lowest Channel / 1RB99 and 1RB0

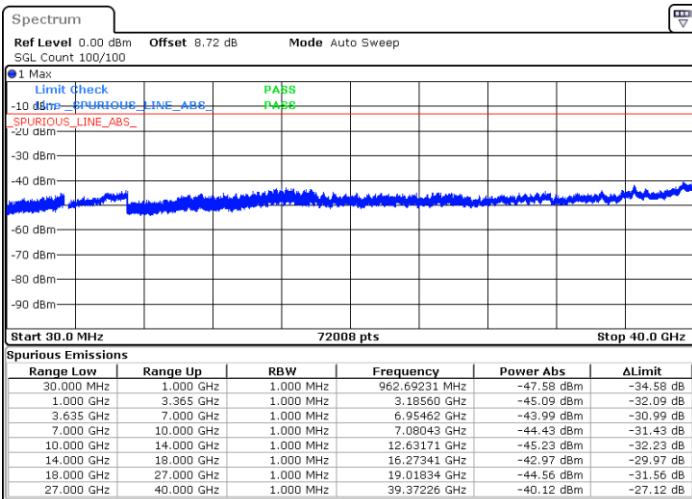
LTE Band 42C / 20MHz+10MHz QPSK Middle Channel / 1RB99 and 1RB0



Date: 17.DEC.2024 04:28:33

Date: 17.DEC.2024 04:30:05

LTE Band 42C / 20MHz+10MHz QPSK Highest Channel / 1RB99 and 1RB0

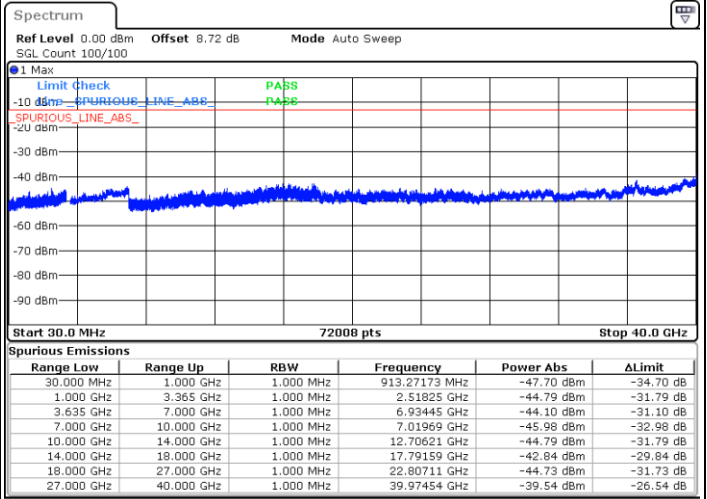
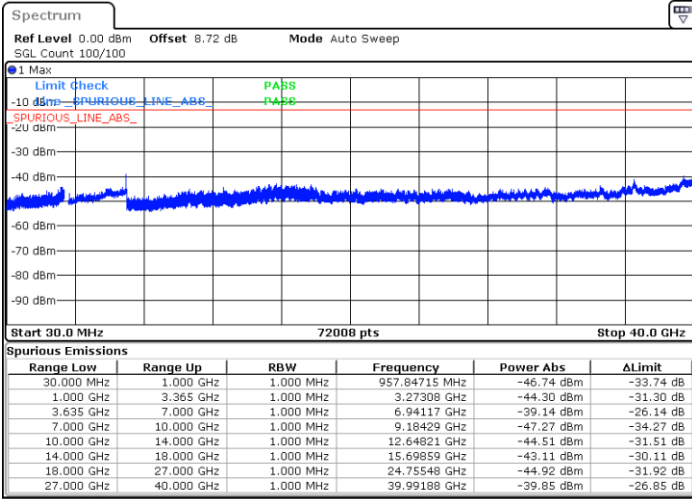


Date: 17.DEC.2024 04:44:06



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

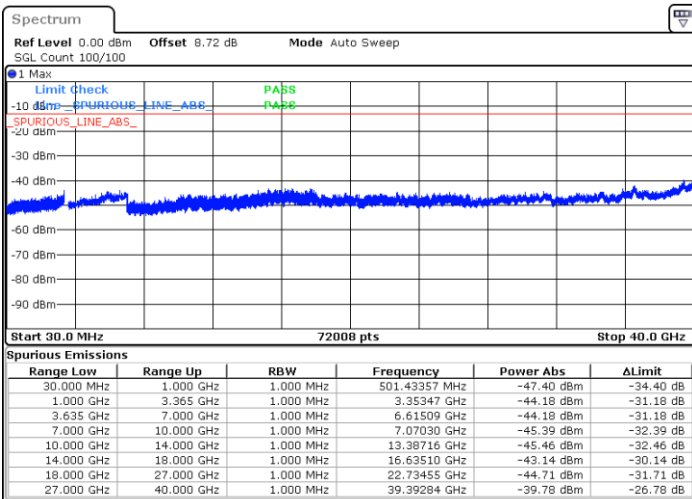
LTE Band 42C / 20MHz+15MHz QPSK Middle Channel / 1RB99 and 1RB0



Date: 17.DEC.2024 04:58:07

Date: 17.DEC.2024 04:59:40

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



Date: 17.DEC.2024 05:13:39

Frequency Stability

Test Conditions		LTE Band 42C (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20+20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0016	PASS
40	Normal Voltage	0.0022	
30	Normal Voltage	0.0008	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0043	
0	Normal Voltage	0.0094	
-10	Normal Voltage	0.0038	
-20	Normal Voltage	0.0049	
-30	Normal Voltage	0.0064	
20	Maximum Voltage	0.0016	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0051	

Note:

1. Normal Voltage =3.86 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.53 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	Temperature :	22~23°C
		Relative Humidity :	40~42%

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

LTE Band 42 / 20MHz / QPSK / Ant. 5 open status								
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	-55.91	-13	-42.91	-66.12	3.03	13.24	H
	10476	-43.49	-13	-30.49	-52.94	3.56	13.01	H
	13968	-41.50	-13	-28.50	-51.02	3.92	13.44	H
	6984	-51.00	-13	-38.00	-61.21	3.03	13.24	V
	10476	-36.45	-13	-23.45	-45.90	3.56	13.01	V
	13968	-42.00	-13	-29.00	-51.52	3.92	13.44	V

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

PCC 1RB0:

LTE Band 42C / 20MHz+20MHz / QPSK / Ant. 5 open status								
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	-55.98	-13	-42.98	-66.19	3.03	13.24	H
	10476	-48.86	-13	-35.86	-58.31	3.56	13.01	H
	13968	-41.81	-13	-28.81	-51.33	3.92	13.44	H
	6984	-56.01	-13	-43.01	-66.22	3.03	13.24	V
	10476	-46.58	-13	-33.58	-56.03	3.56	13.01	V
	13968	-42.03	-13	-29.03	-51.55	3.92	13.44	V

SCC 1RBMAX:

LTE Band 42C / 20MHz+20MHz / QPSK / Ant. 5 open status								
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	7020	-55.74	-13	-42.74	-65.95	3.03	13.24	H
	10536	-48.73	-13	-35.73	-58.18	3.56	13.01	H
	14040	-40.81	-13	-27.81	-50.33	3.92	13.44	H
	7020	-55.99	-13	-42.99	-66.20	3.03	13.24	V
	10536	-48.57	-13	-35.57	-58.02	3.56	13.01	V
	14040	-40.88	-13	-27.88	-50.40	3.92	13.44	V

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