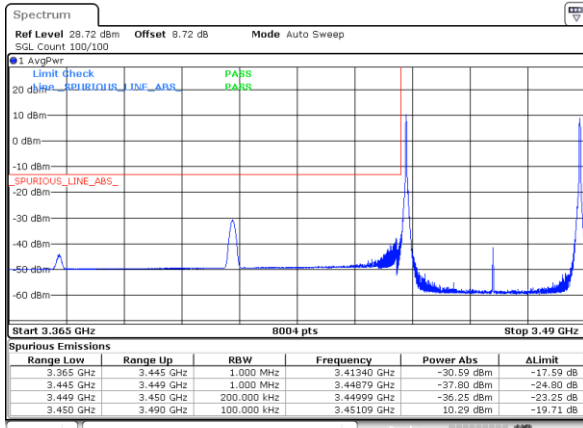




LTE Band 42C / 20MHz+20MHz

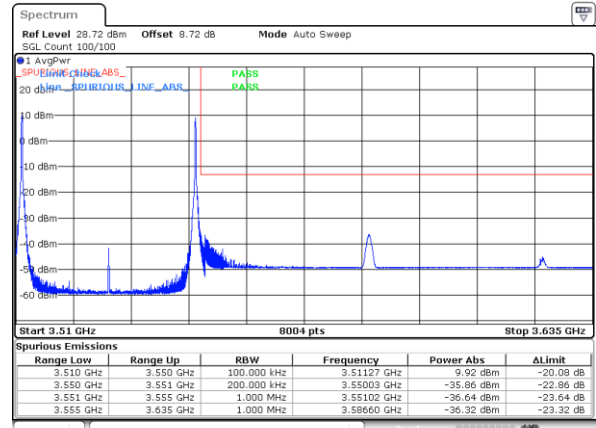
64QAM

Lowest Band Edge / 1RB0 and 1RB99



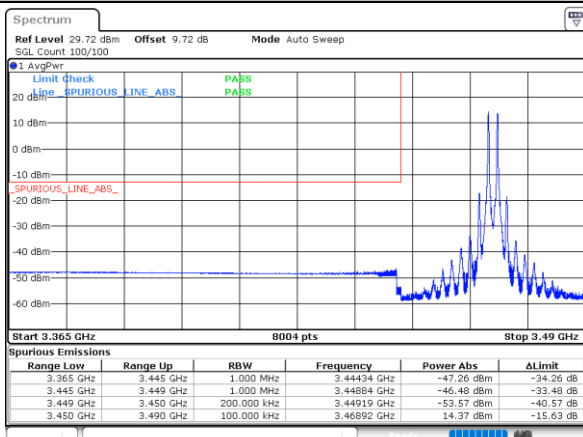
Date: 10,SEP,2024 12:08:48

Highest Band Edge / 1RB0 and 1RB99



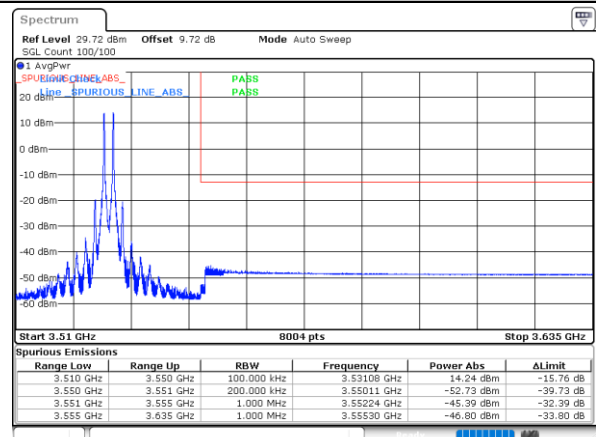
Date: 10,SEP,2024 12:13:49

Lowest Band Edge / 1RB99 and 1RB0



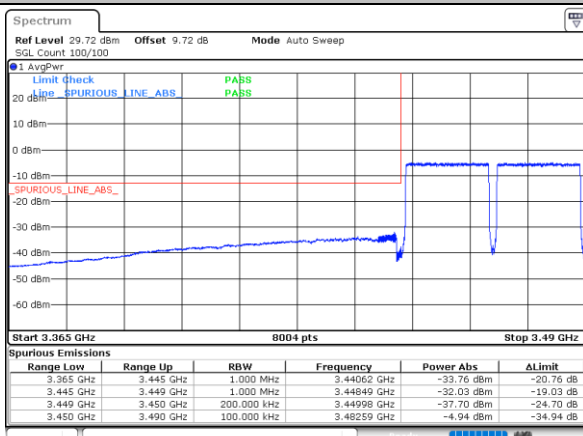
Date: 31,AUG,2024 15:31:10

Highest Band Edge / 1RB99 and 1RB0



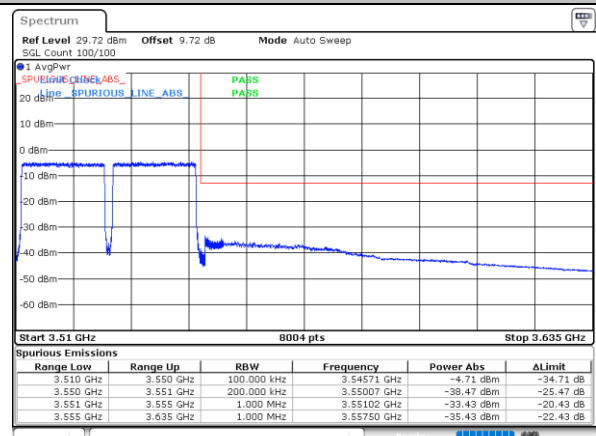
Date: 31,AUG,2024 15:50:54

Lowest Band Edge / Full RB



Date: 31,AUG,2024 15:40:52

Highest Band Edge / Full RB



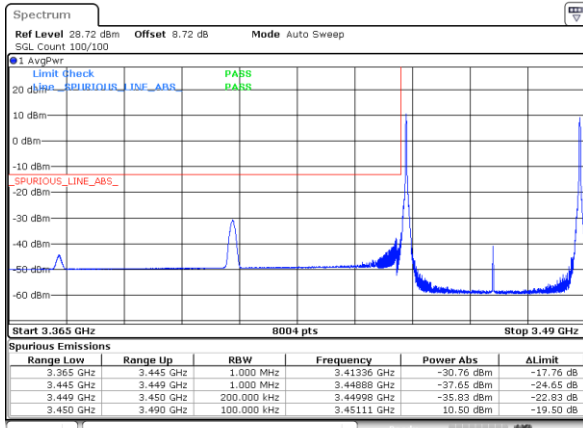
Date: 31,AUG,2024 16:00:38



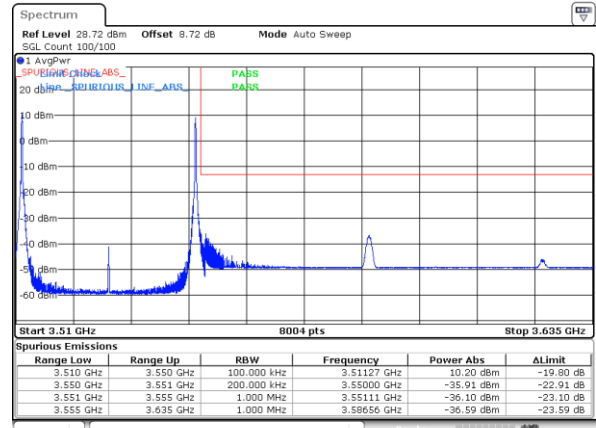
LTE Band 42C / 20MHz+20MHz

256QAM

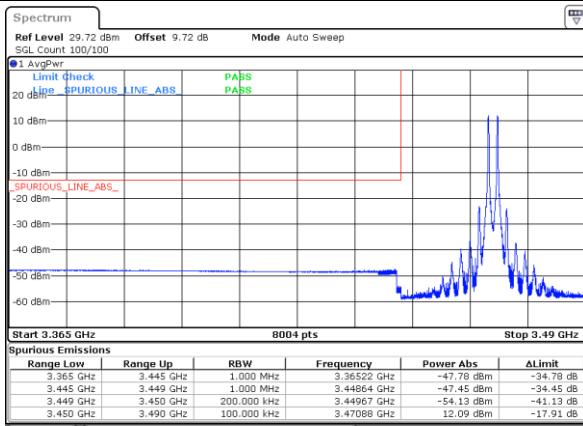
Lowest Band Edge / 1RB0 and 1RB99



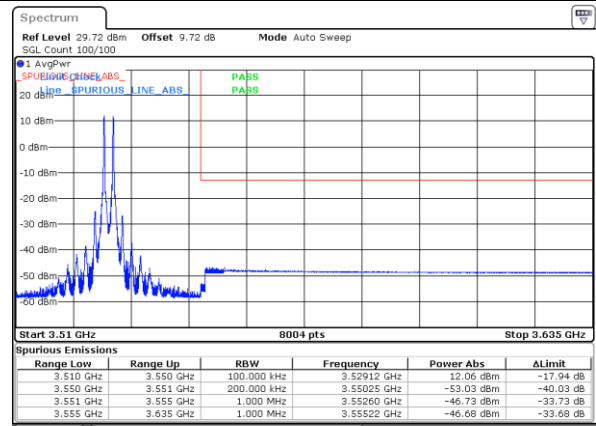
Highest Band Edge / 1RB0 and 1RB99



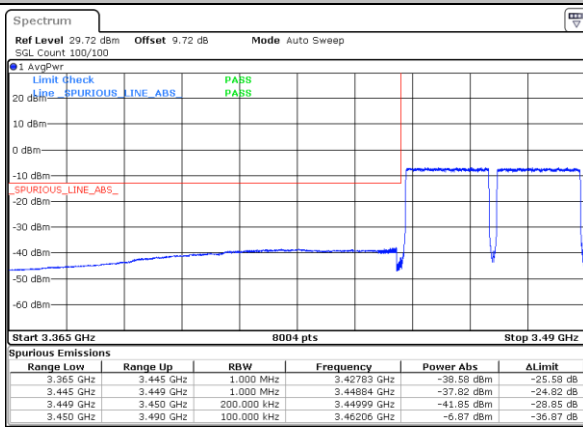
Lowest Band Edge / 1RB99 and 1RB0



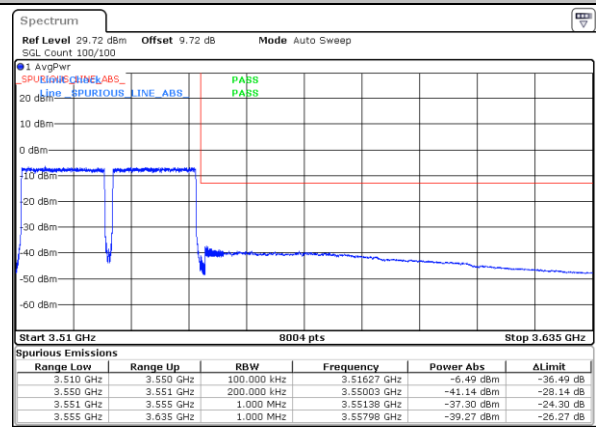
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

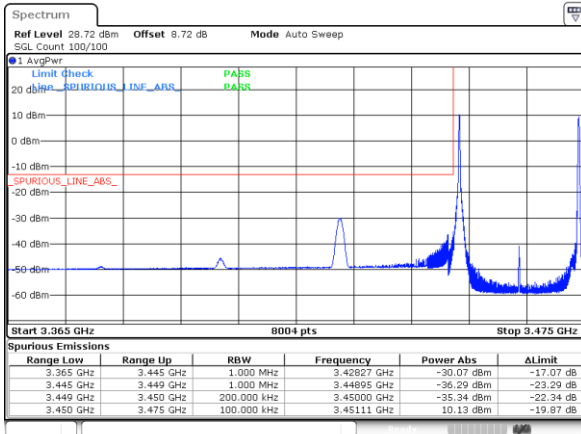




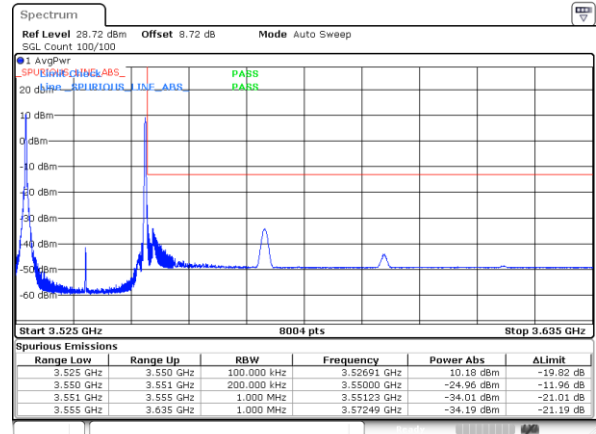
LTE Band 42C / 20MHz+5MHz

QPSK

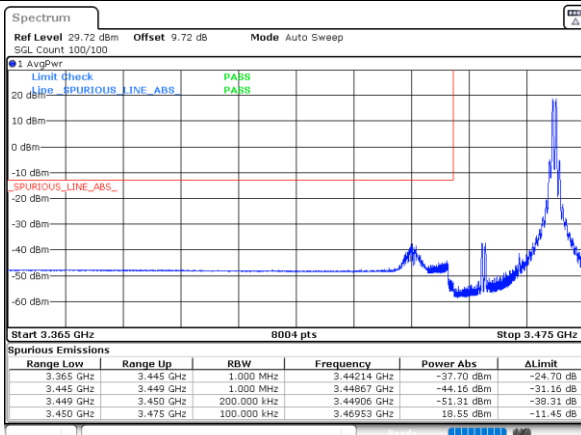
Lowest Band Edge / 1RB0 and 1RB24



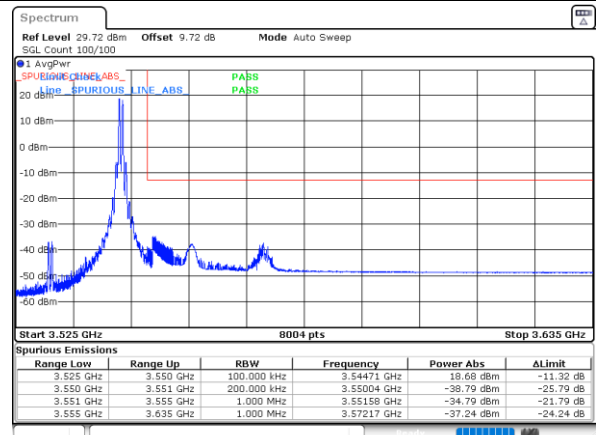
Highest Band Edge / 1RB0 and 1RB24



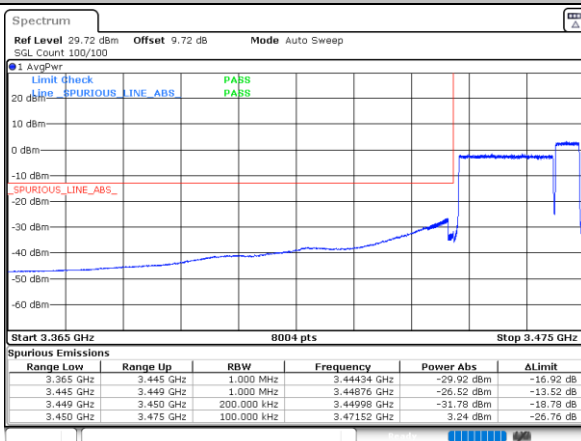
Lowest Band Edge / 1RB99 and 1RB0



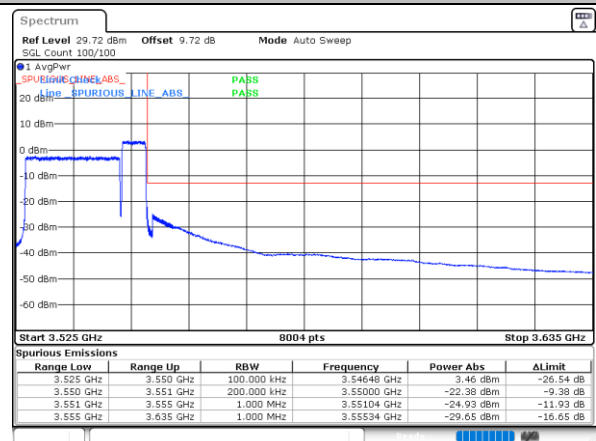
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

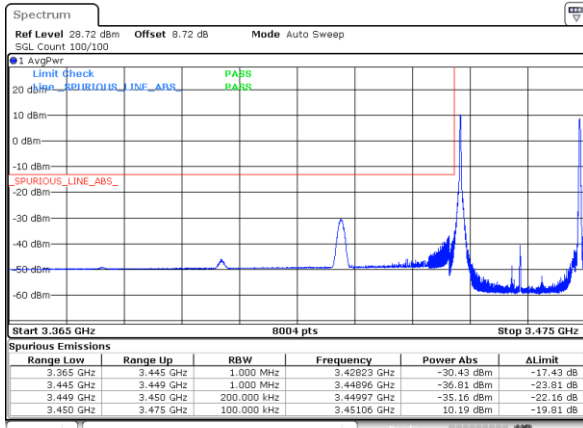




LTE Band 42C / 20MHz+5MHz

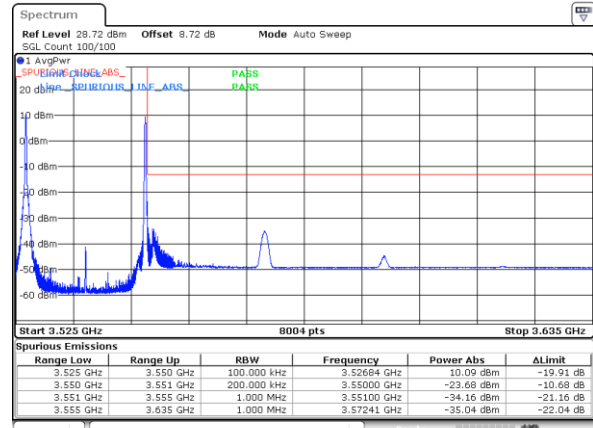
16QAM

Lowest Band Edge / 1RB0 and 1RB24



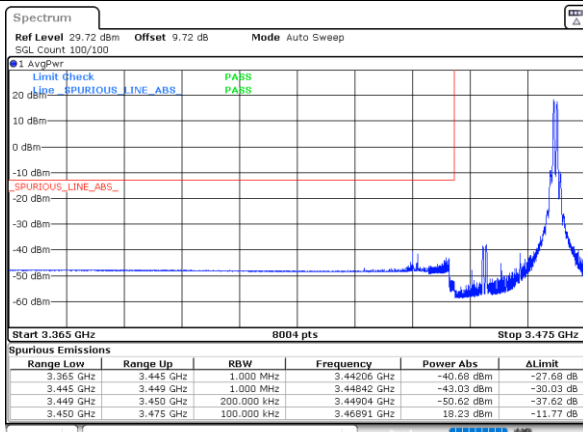
Date: 10,SEP,2024 11:36:44

Highest Band Edge / 1RB0 and 1RB24



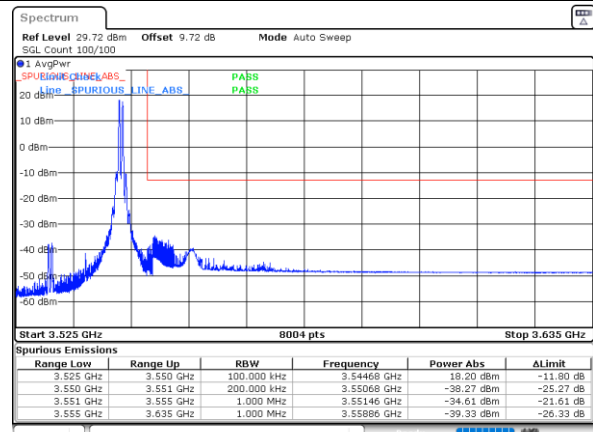
Date: 10,SEP,2024 11:41:52

Lowest Band Edge / 1RB99 and 1RB0



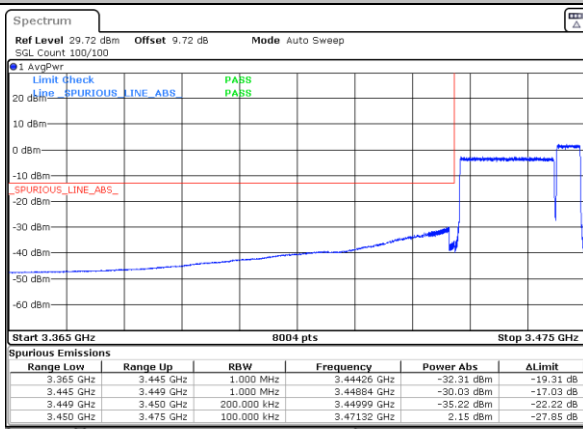
Date: 2,SEP,2024 09:32:48

Highest Band Edge / 1RB99 and 1RB0



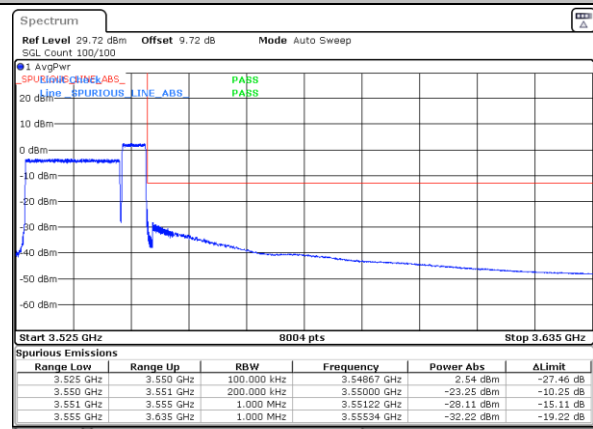
Date: 2,SEP,2024 09:53:20

Lowest Band Edge / Full RB



Date: 2,SEP,2024 09:42:39

Highest Band Edge / Full RB



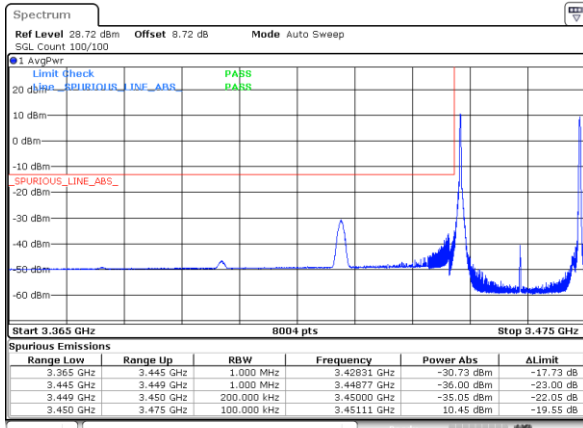
Date: 2,SEP,2024 10:03:13



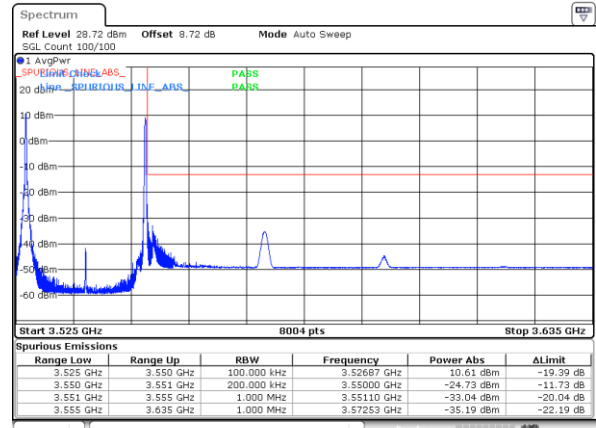
LTE Band 42C / 20MHz+5MHz

64QAM

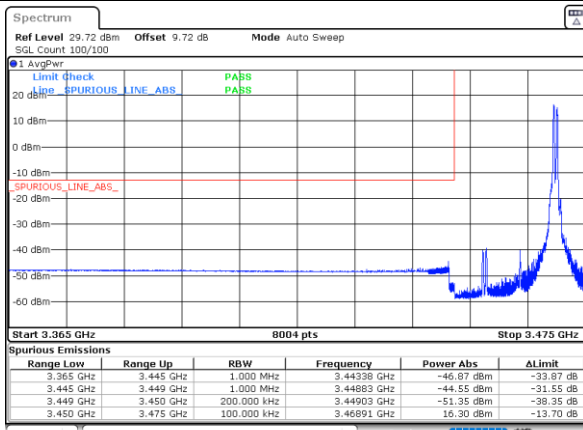
Lowest Band Edge / 1RB0 and 1RB24



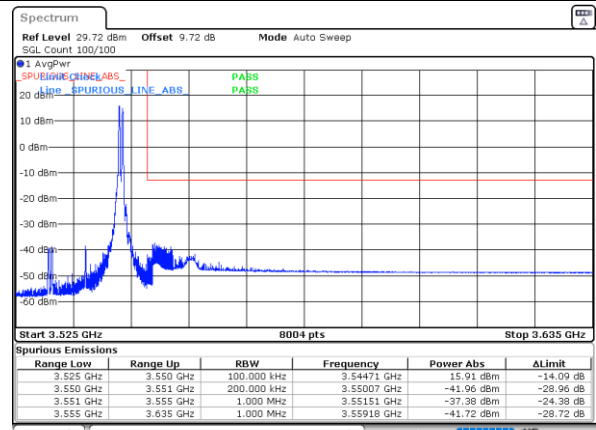
Highest Band Edge / 1RB0 and 1RB24



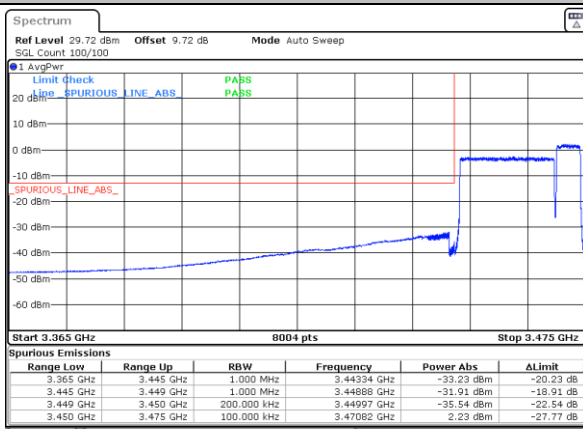
Lowest Band Edge / 1RB99 and 1RB0



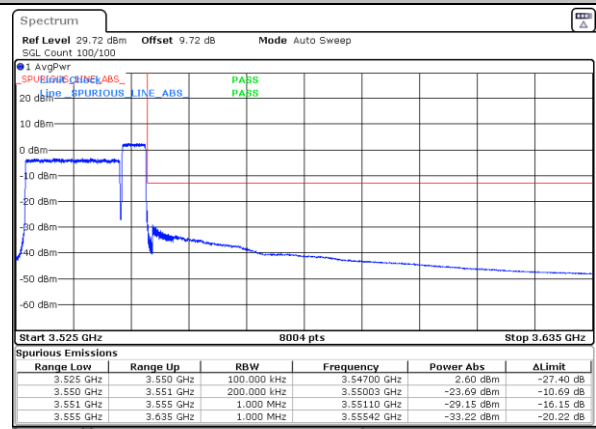
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

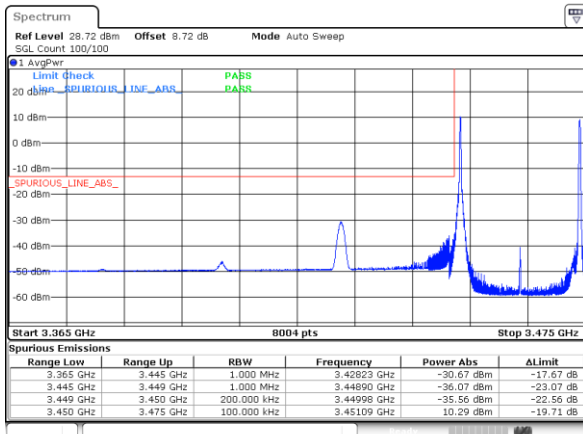




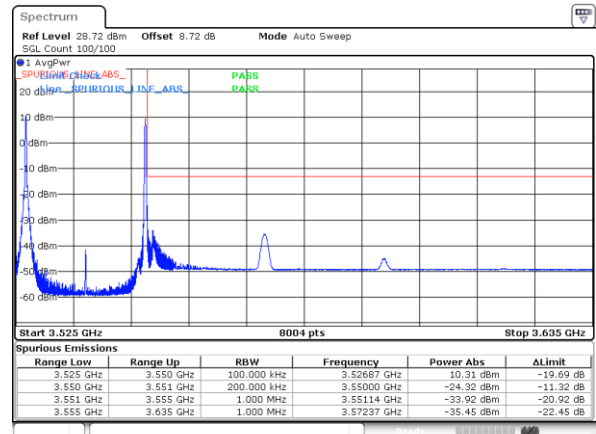
LTE Band 42C / 20MHz+5MHz

256QAM

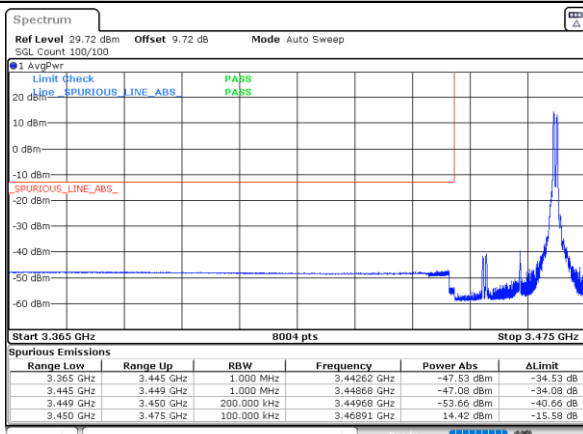
Lowest Band Edge / 1RB0 and 1RB24



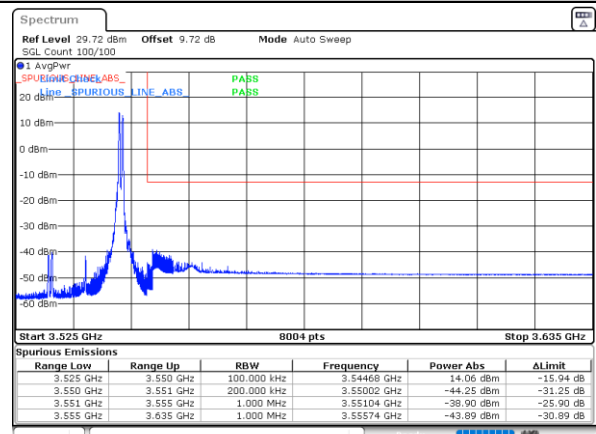
Highest Band Edge / 1RB0 and 1RB24



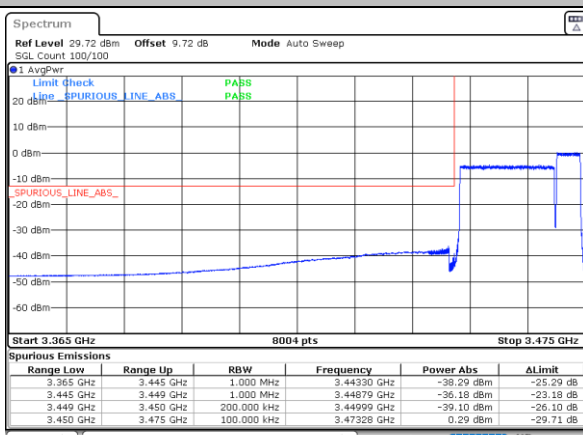
Lowest Band Edge / 1RB99 and 1RB0



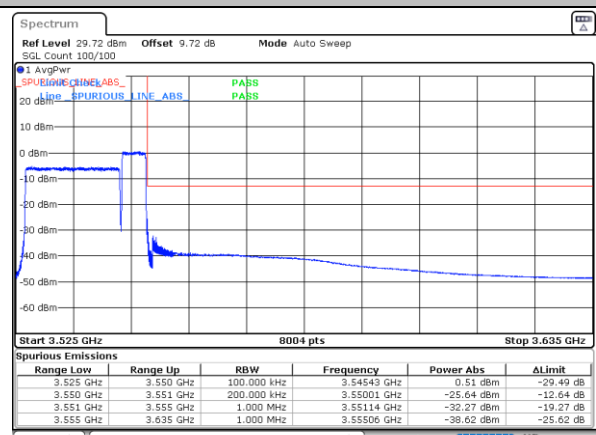
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

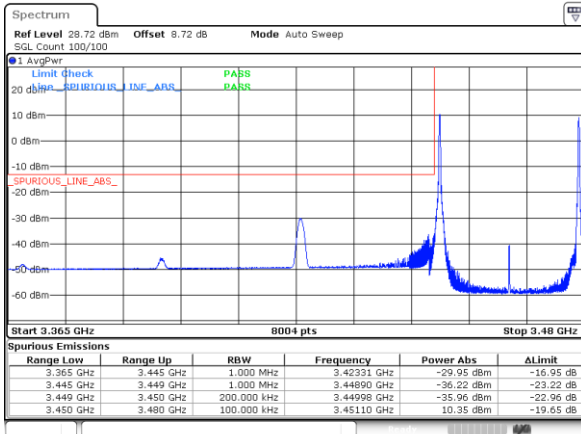




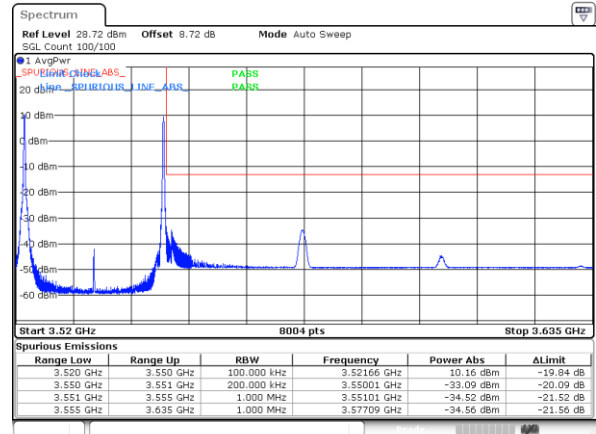
LTE Band 42C / 20MHz+10MHz

QPSK

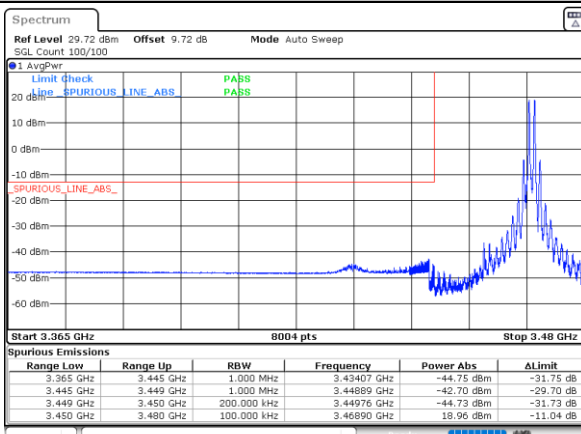
Lowest Band Edge / 1RB0 and 1RB49



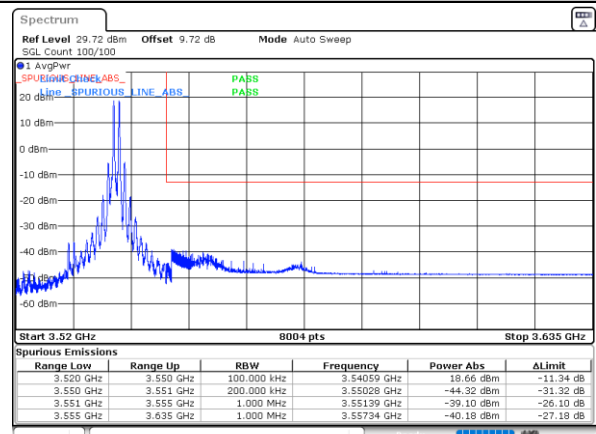
Highest Band Edge / 1RB0 and 1RB49



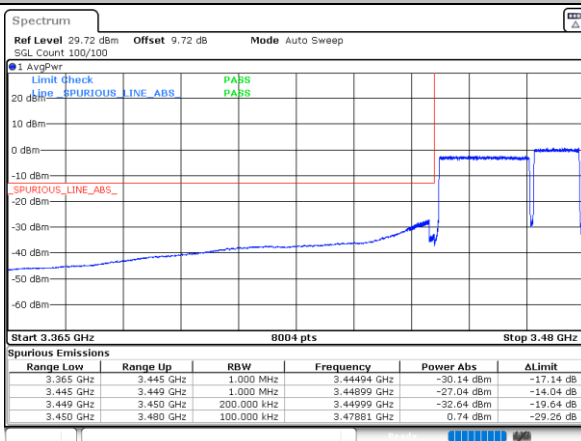
Lowest Band Edge / 1RB99 and 1RB0



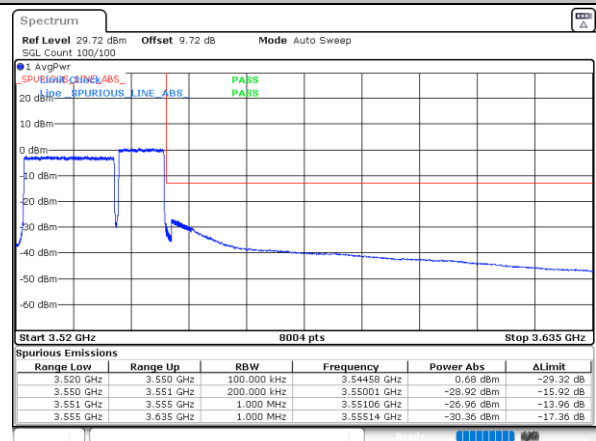
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

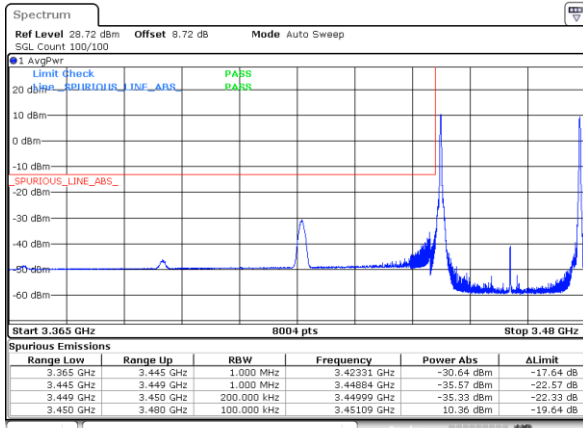




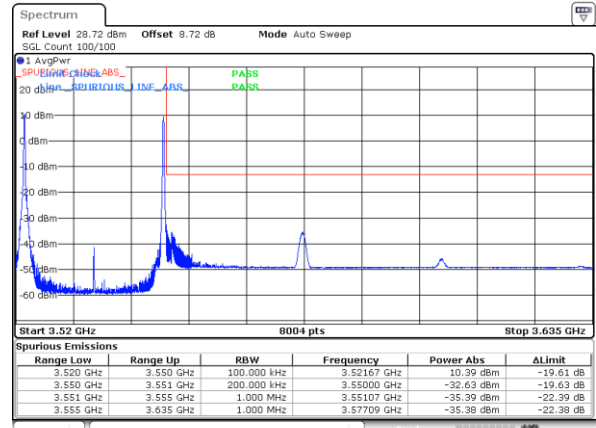
LTE Band 42C / 20MHz+10MHz

16QAM

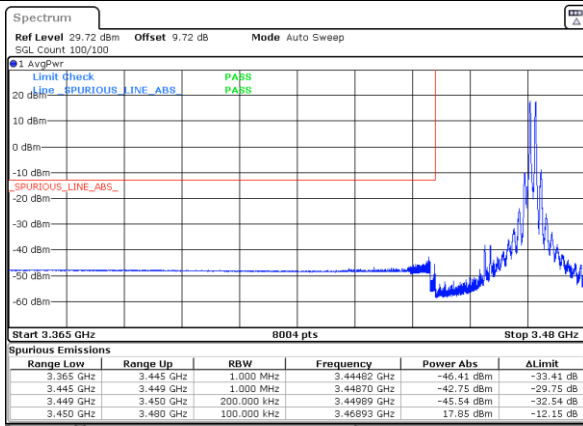
Lowest Band Edge / 1RB0 and 1RB49



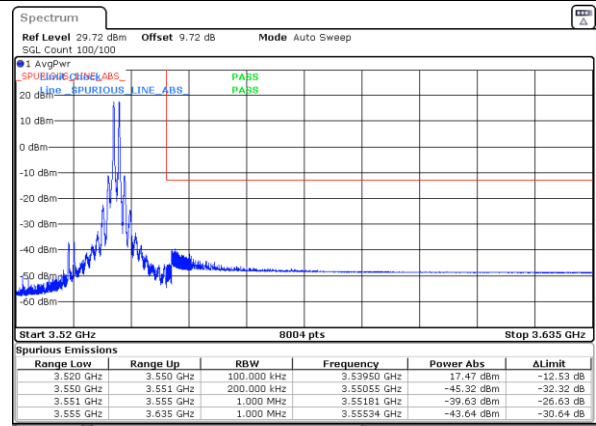
Highest Band Edge / 1RB0 and 1RB49



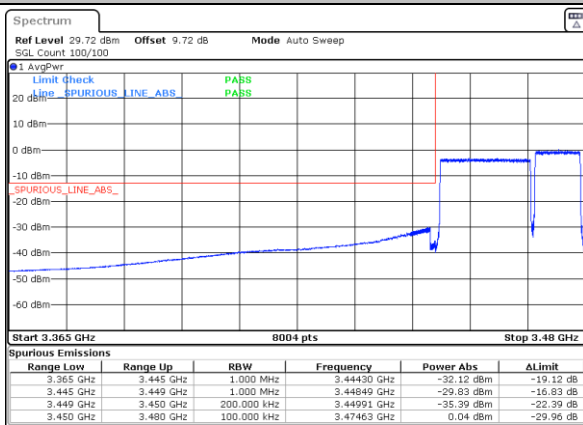
Lowest Band Edge / 1RB99 and 1RB0



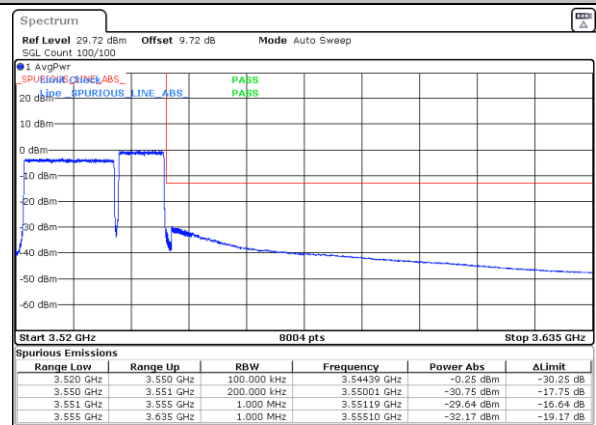
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

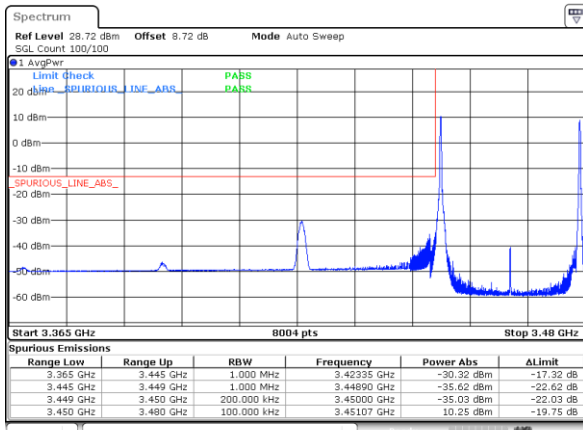




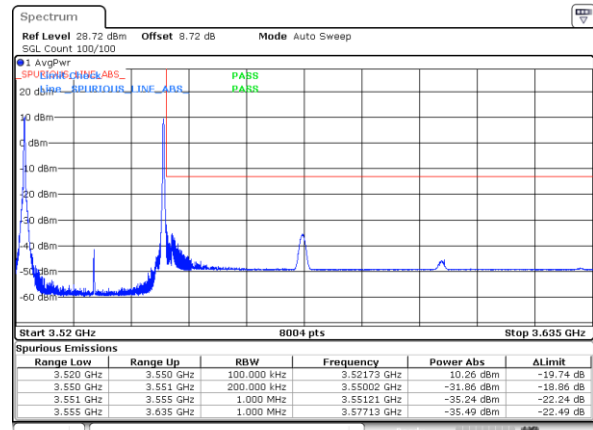
LTE Band 42C / 20MHz+10MHz

64QAM

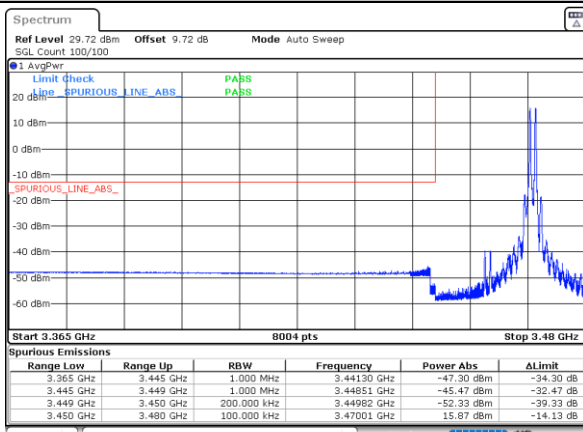
Lowest Band Edge / 1RB0 and 1RB49



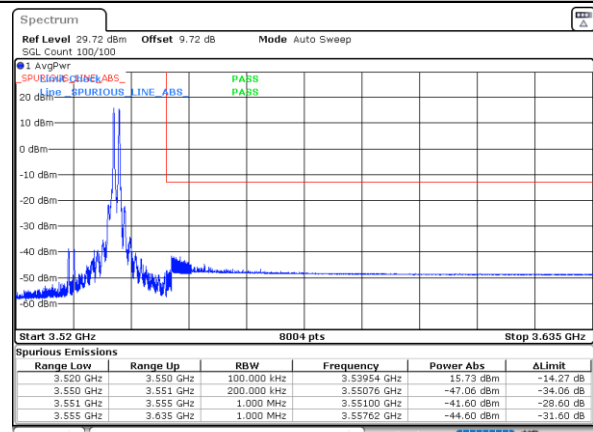
Highest Band Edge / 1RB0 and 1RB49



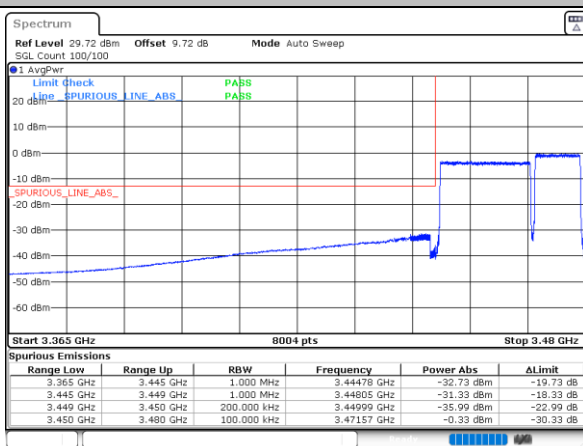
Lowest Band Edge / 1RB99 and 1RB0



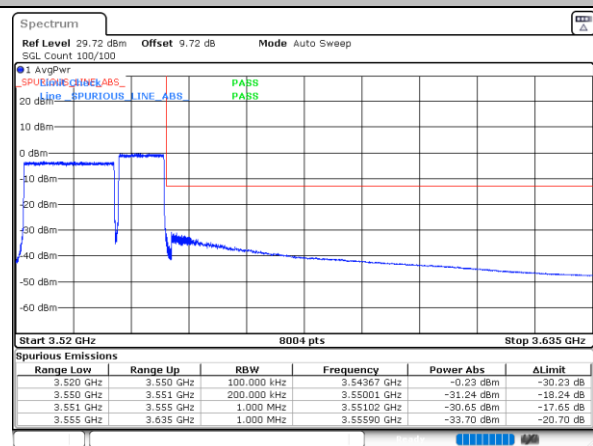
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

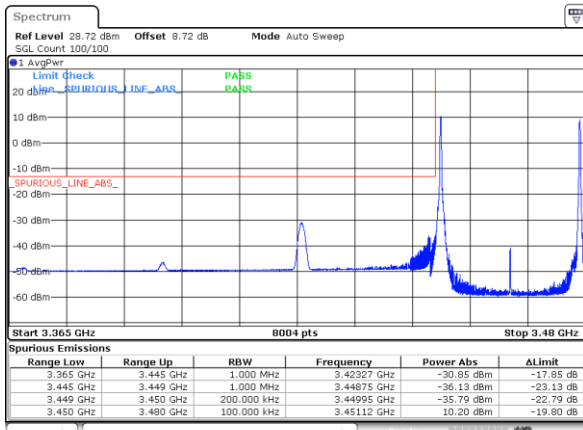




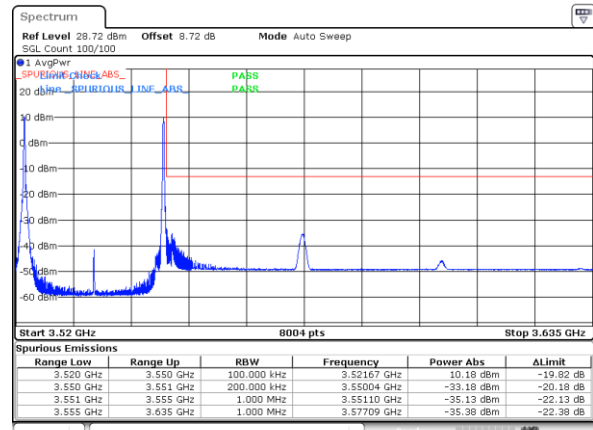
LTE Band 42C / 20MHz+10MHz

256QAM

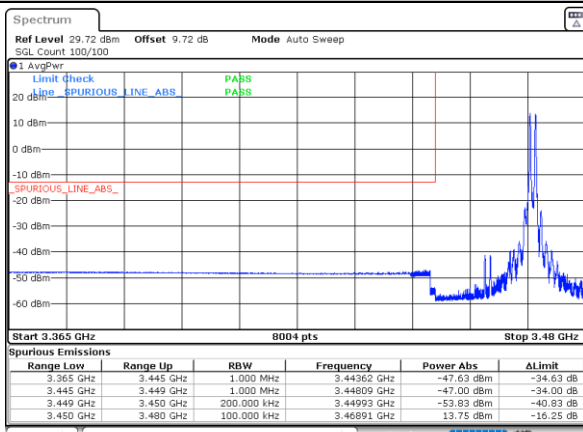
Lowest Band Edge / 1RB0 and 1RB49



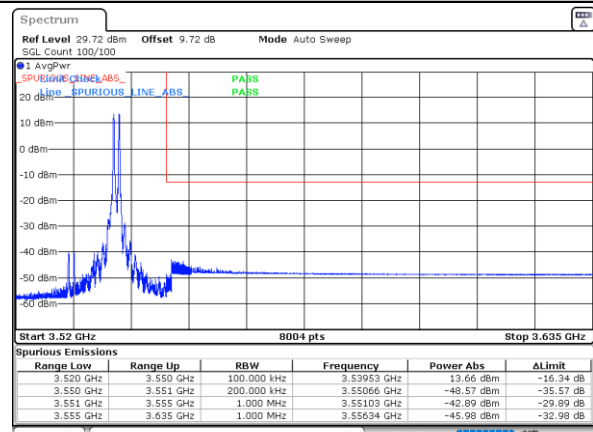
Highest Band Edge / 1RB0 and 1RB49



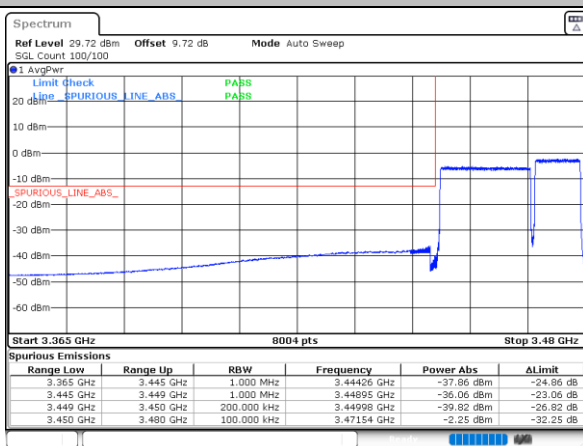
Lowest Band Edge / 1RB99 and 1RB0



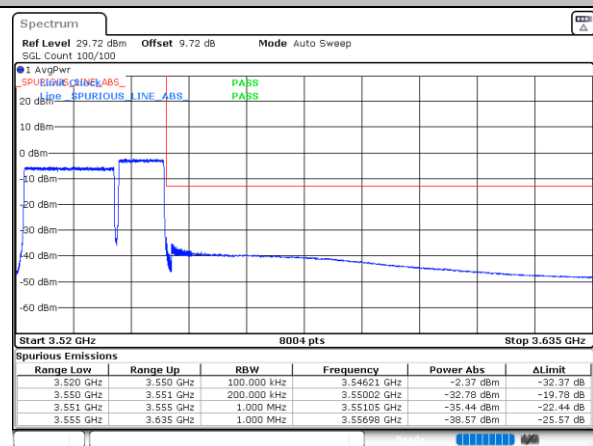
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

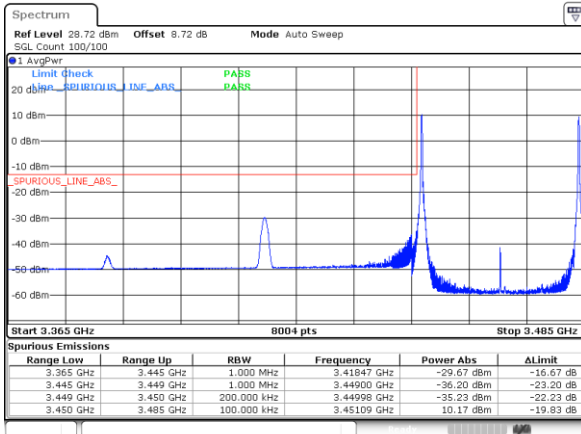




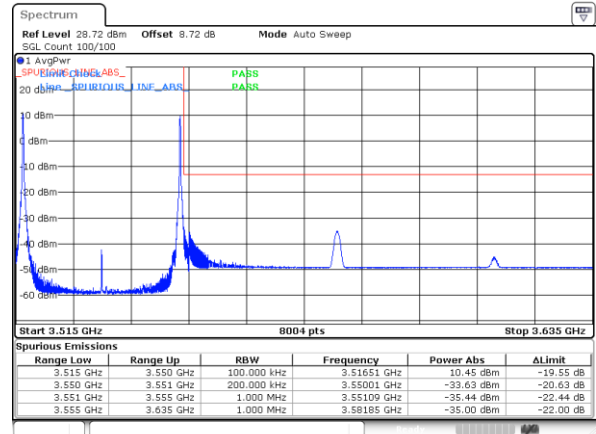
LTE Band 42C / 20MHz+15MHz

QPSK

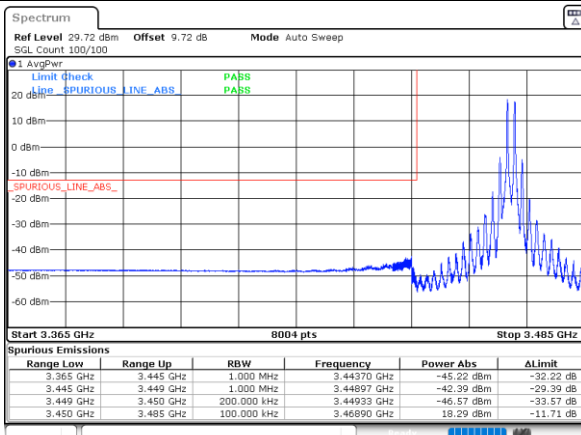
Lowest Band Edge / 1RB0 and 1RB74



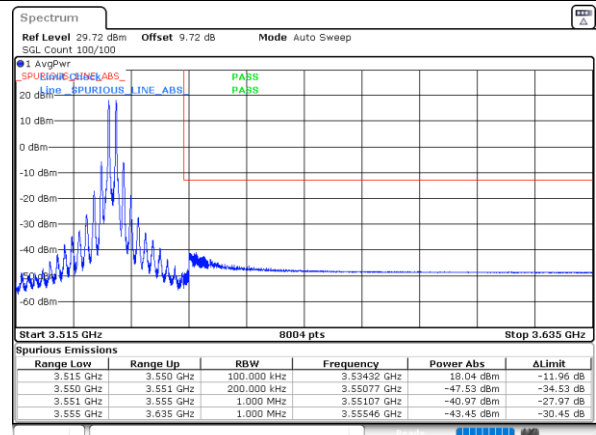
Highest Band Edge / 1RB0 and 1RB74



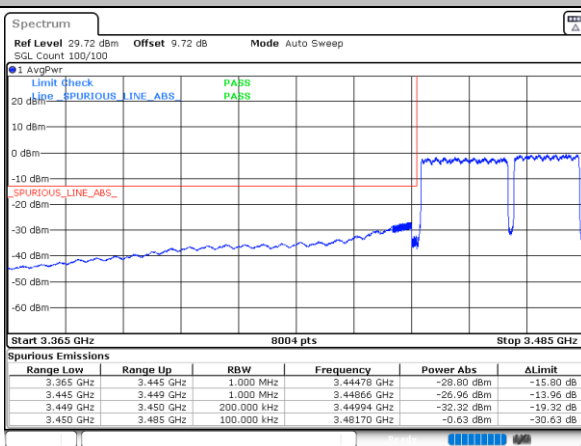
Lowest Band Edge / 1RB99 and 1RB0



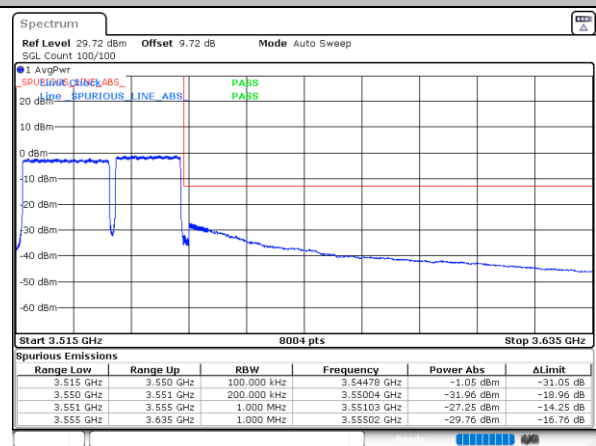
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

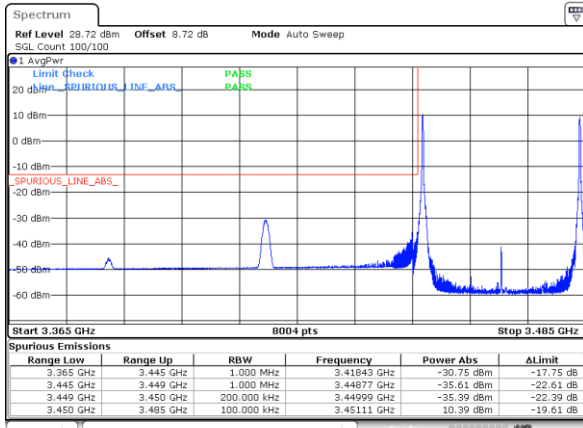




LTE Band 42C / 20MHz+15MHz

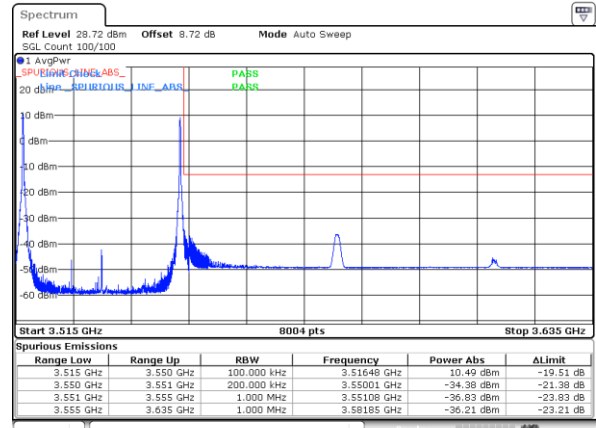
16QAM

Lowest Band Edge / 1RB0 and 1RB74



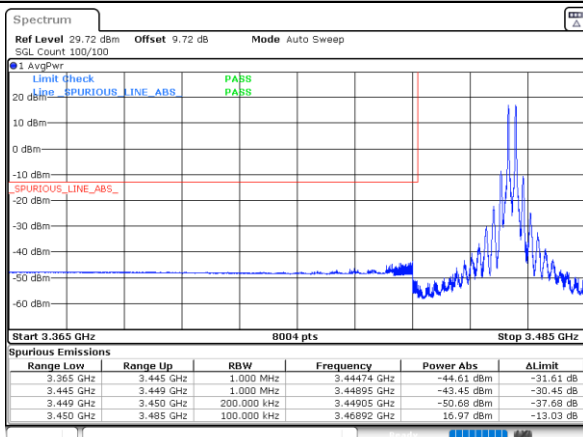
Date: 10,SEP,2024 11:57:18

Highest Band Edge / 1RB0 and 1RB74



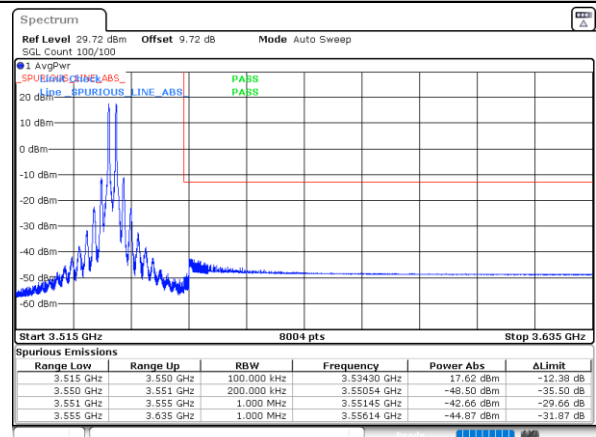
Date: 10,SEP,2024 12:02:26

Lowest Band Edge / 1RB99 and 1RB0



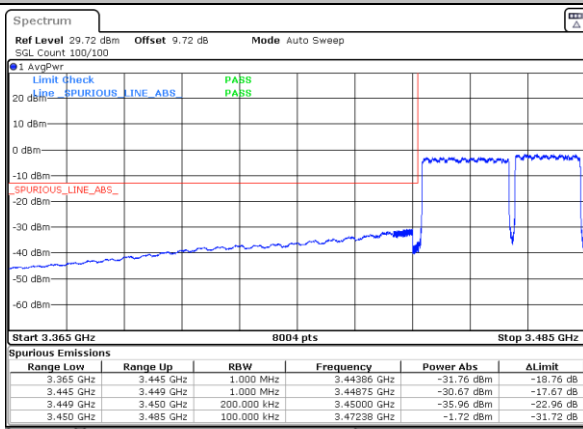
Date: 2,SEP,2024 10:46:31

Highest Band Edge / 1RB99 and 1RB0



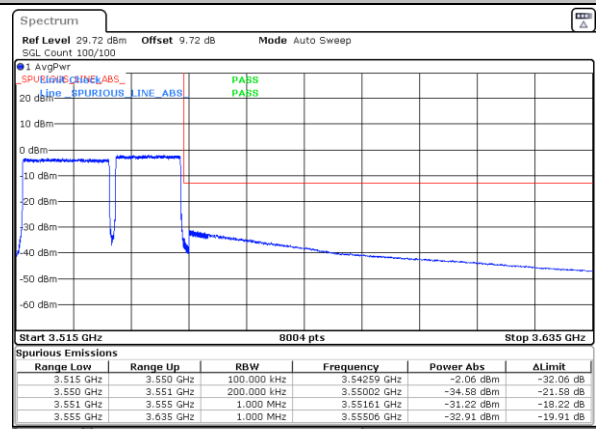
Date: 2,SEP,2024 11:07:04

Lowest Band Edge / Full RB



Date: 2,SEP,2024 10:56:22

Highest Band Edge / Full RB



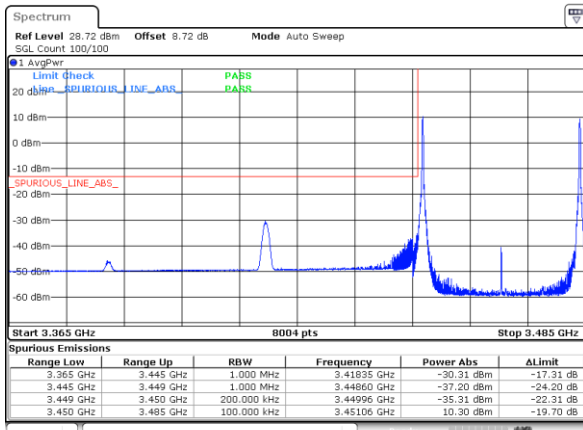
Date: 2,SEP,2024 11:16:57



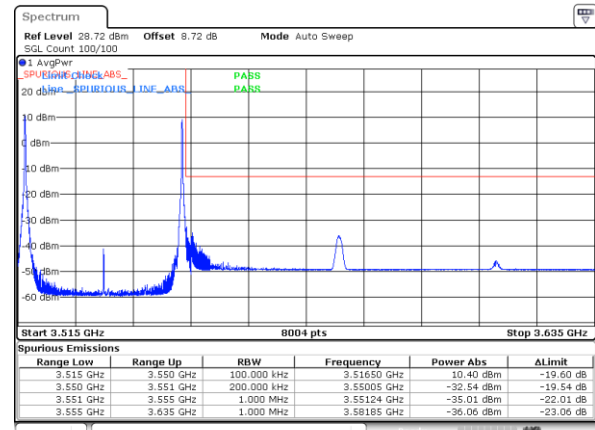
LTE Band 42C / 20MHz+15MHz

64QAM

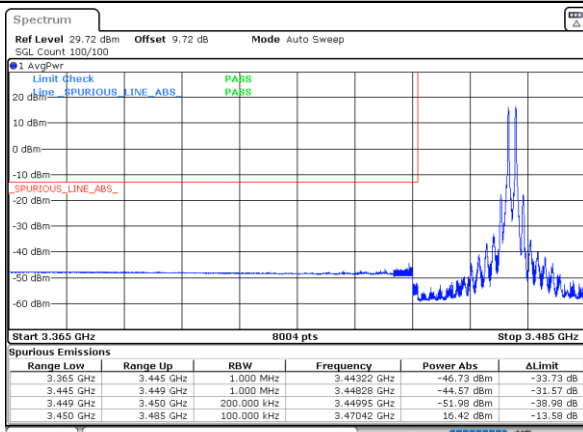
Lowest Band Edge / 1RB0 and 1RB74



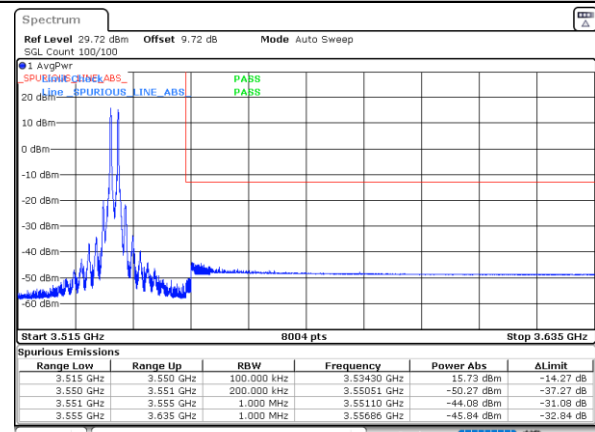
Highest Band Edge / 1RB0 and 1RB74



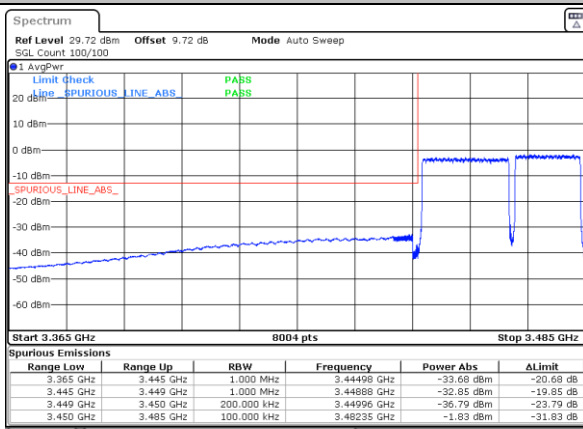
Lowest Band Edge / 1RB99 and 1RB0



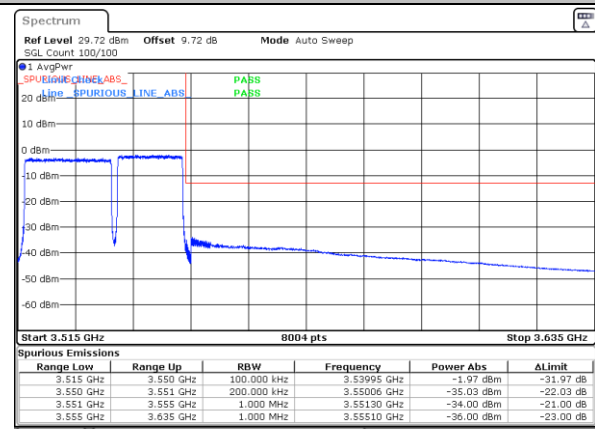
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

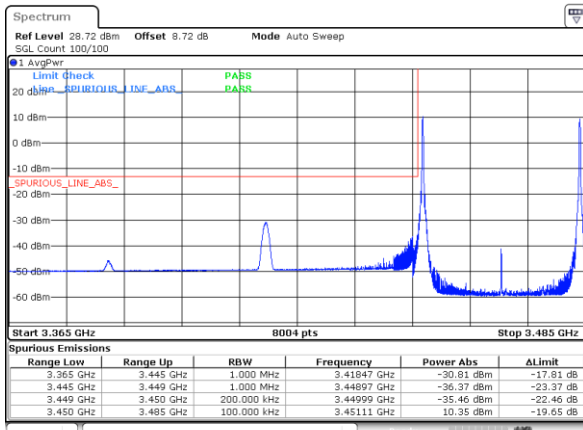




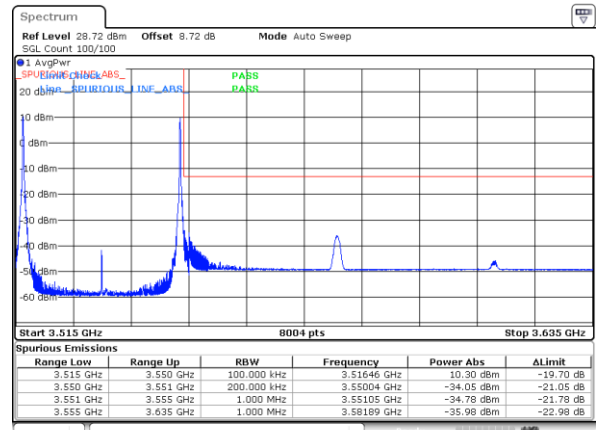
LTE Band 42C / 20MHz+15MHz

256QAM

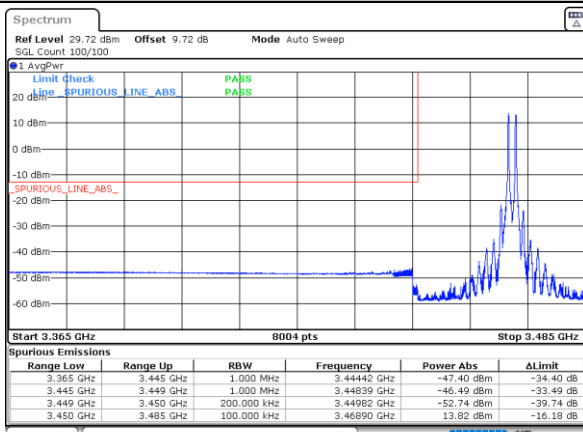
Lowest Band Edge / 1RB0 and 1RB74



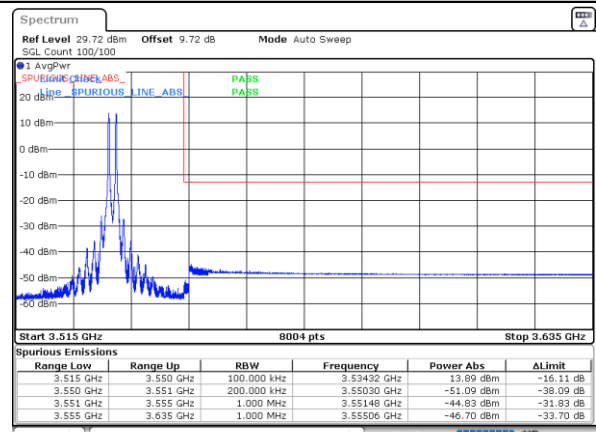
Highest Band Edge / 1RB0 and 1RB74



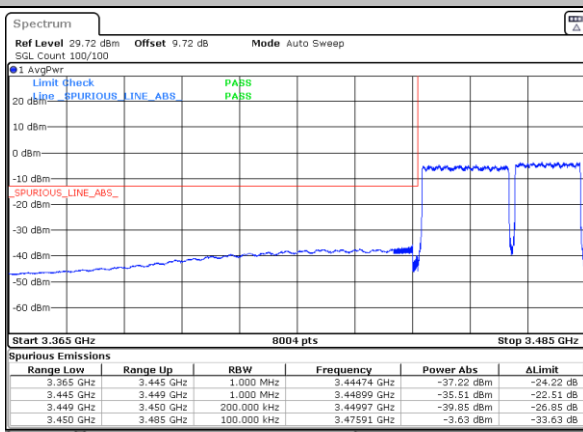
Lowest Band Edge / 1RB99 and 1RB0



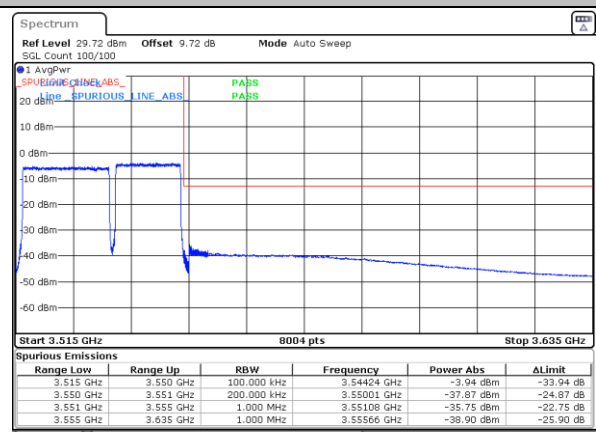
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



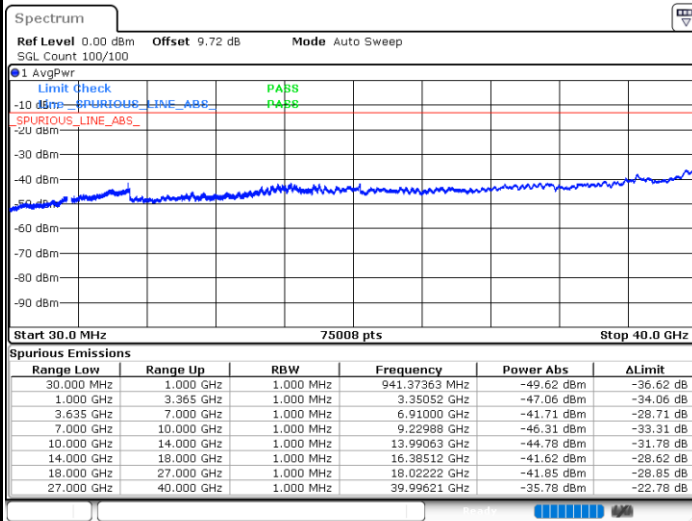
Highest Band Edge / Full RB





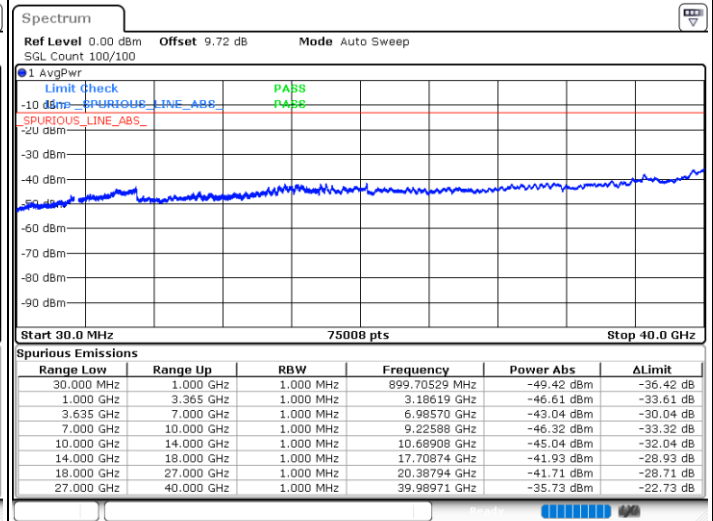
Conducted Spurious Emission

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



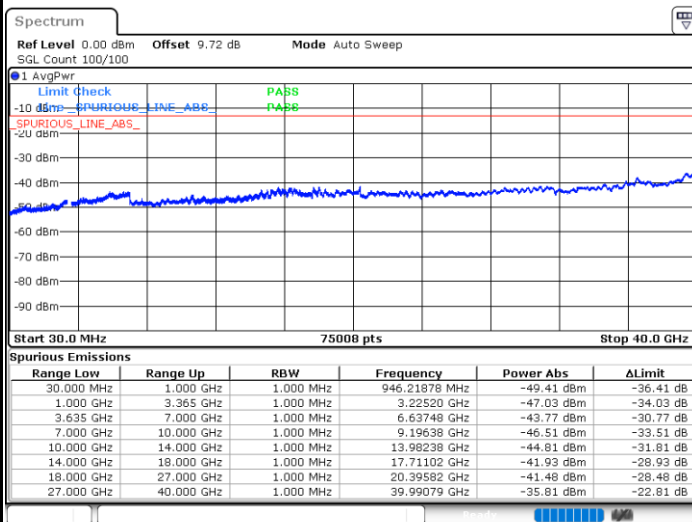
Date: 31.AUG.2024 13:26:13

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

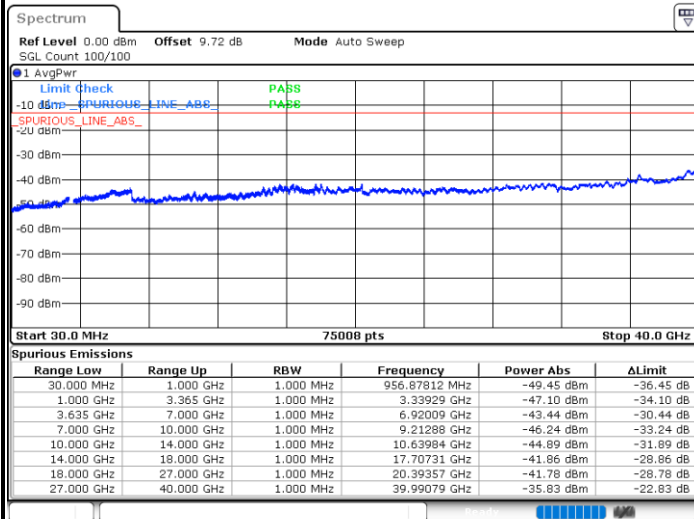


Date: 31.AUG.2024 13:54:04

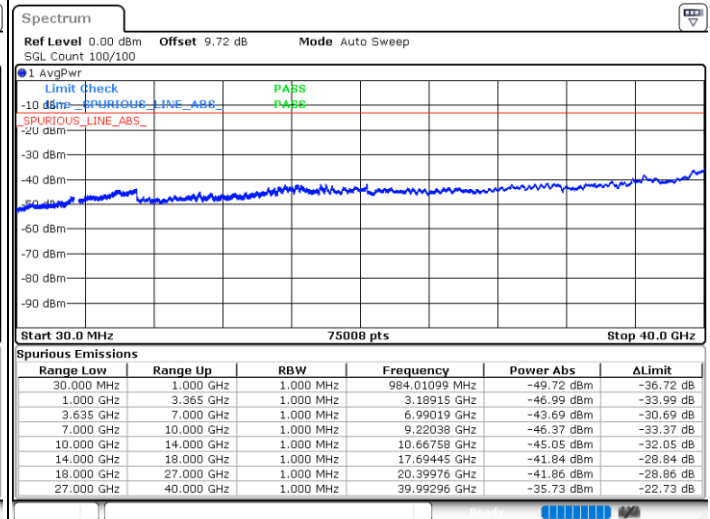
LTE Band 42C / 5MHz+20MHz QPSK Highest Channel / 1RB24 and 1RB0



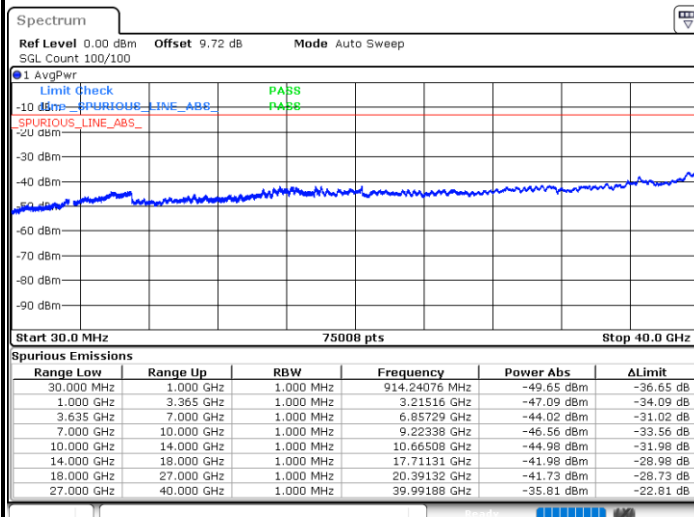
Date: 31.AUG.2024 13:57:44

LTE Band 42C / 10MHz+20MHz QPSK Lowest
Channel / 1RB49 and 1RB0LTE Band 42C / 10MHz+20MHz QPSK Middle
Channel / 1RB49 and 1RB0

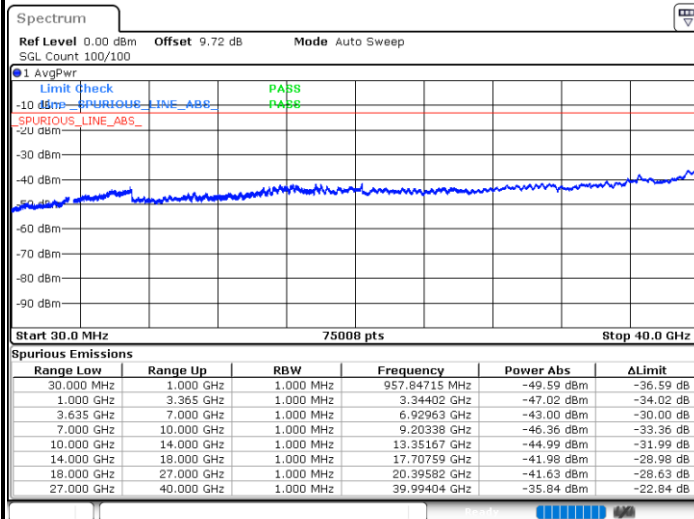
Date: 31.AUG.2024 14:14:09



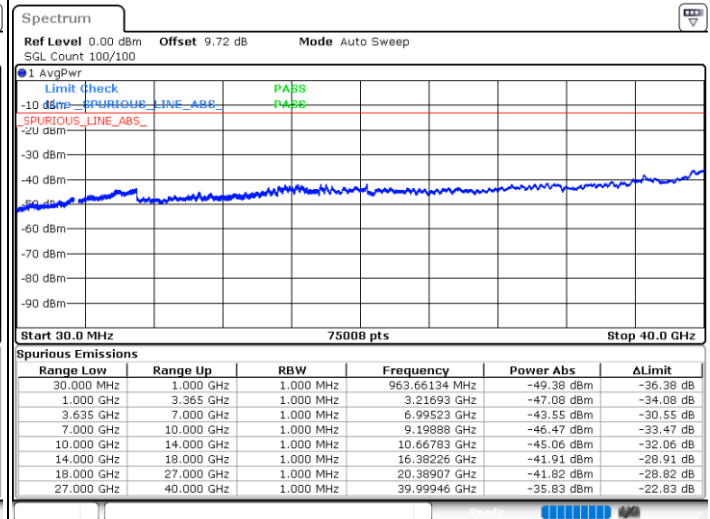
Date: 31.AUG.2024 14:30:46

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

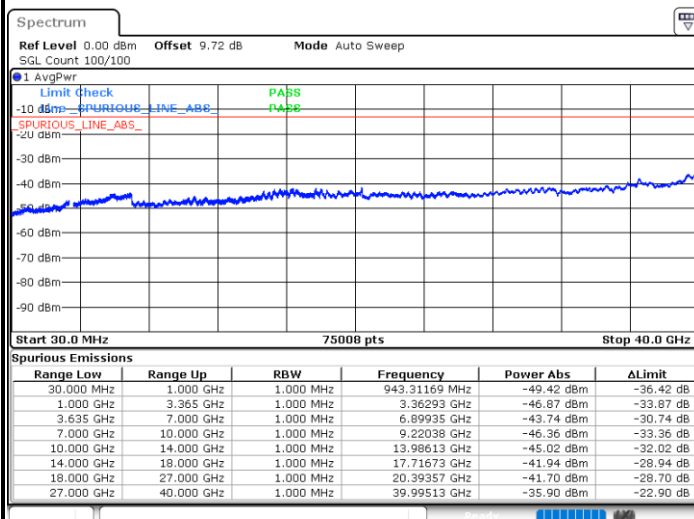
Date: 31.AUG.2024 14:34:26

LTE Band 42C / 15MHz+20MHz QPSK Lowest
Channel / 1RB74 and 1RB0LTE Band 42C / 15MHz+20MHz QPSK Middle
Channel / 1RB74 and 1RB0

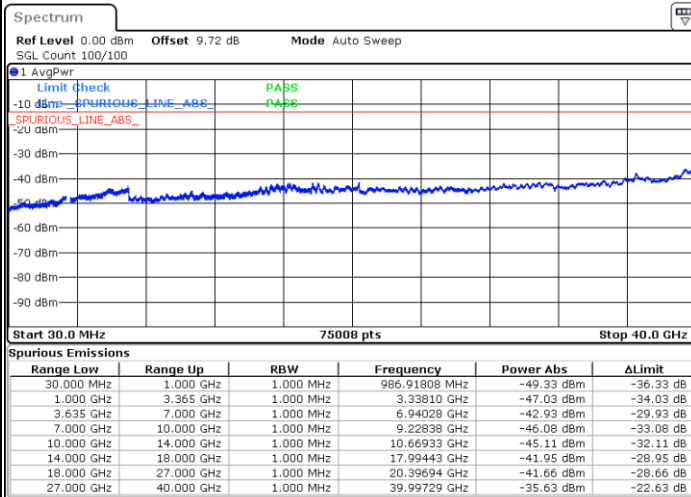
Date: 31.AUG.2024 14:50:52



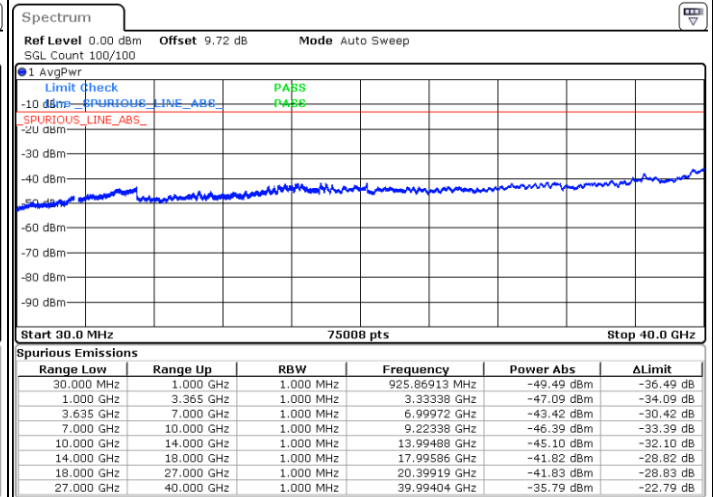
Date: 31.AUG.2024 15:07:29

LTE Band 42C / 15MHz+20MHz QPSK Highest
Channel / 1RB74 and 1RB0

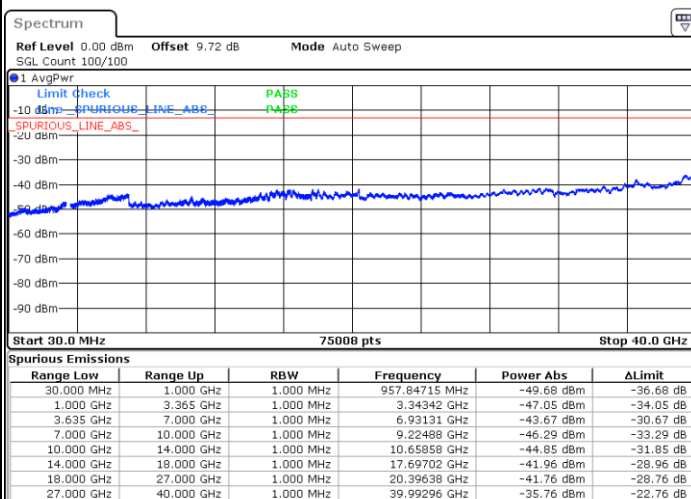
Date: 31.AUG.2024 15:11:10

LTE Band 42C / 20MHz+20MHz QPSK Lowest
Channel / 1RB99 and 1RB0LTE Band 42C / 20MHz+20MHz QPSK Middle
Channel / 1RB99 and 1RB0

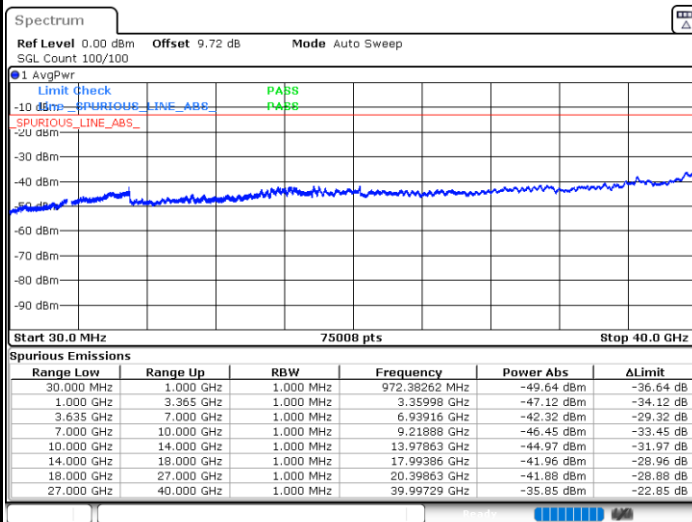
Date: 31.AUG.2024 15:27:33



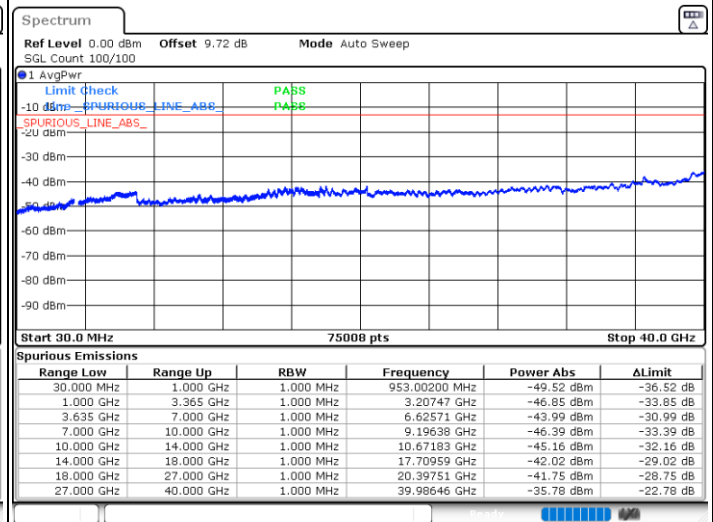
Date: 31.AUG.2024 15:43:46

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

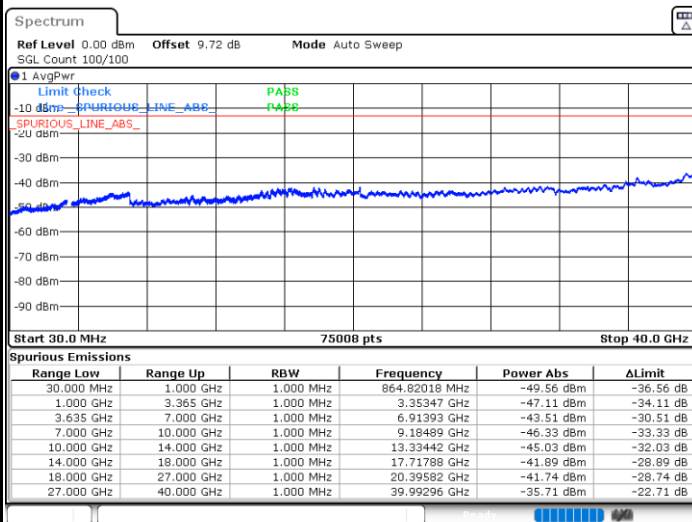
Date: 31.AUG.2024 15:47:17

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

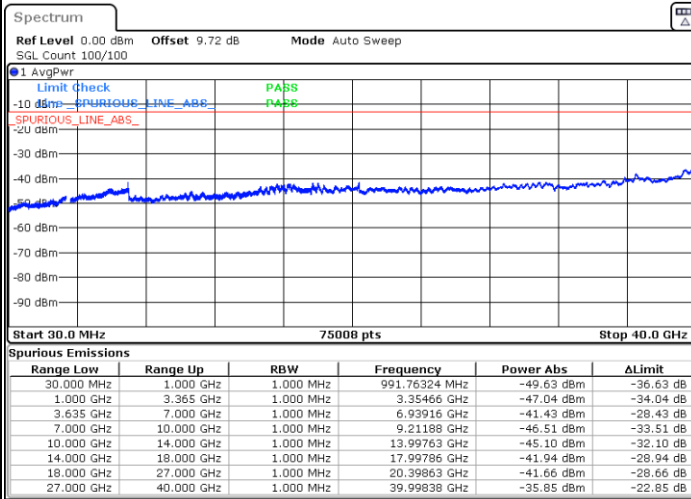
Date: 2.SEP.2024 09:30:21

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

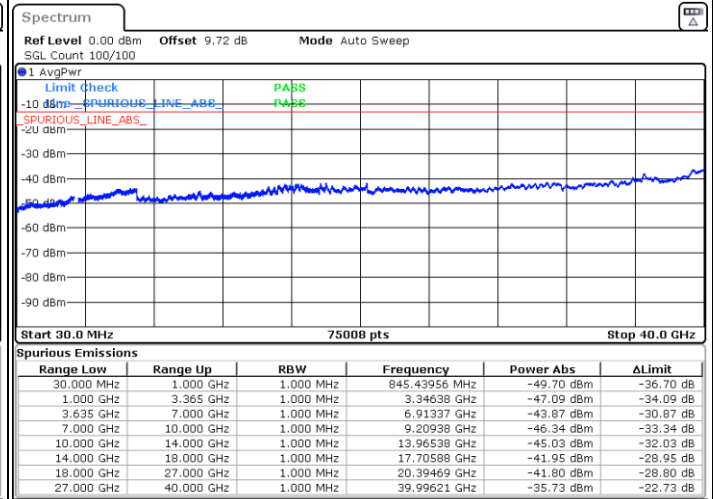
Date: 2.SEP.2024 09:47:01

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

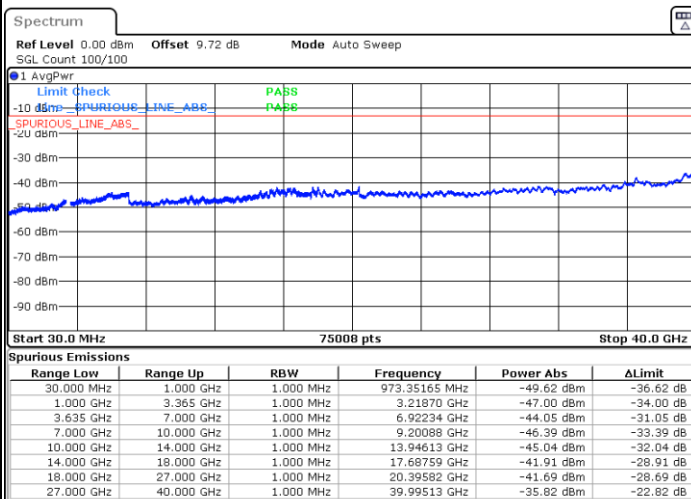
Date: 2.SEP.2024 09:50:53

LTE Band 42C / 20MHz+10MHz QPSK Lowest
Channel / 1RB99 and 1RB0LTE Band 42C / 20MHz+10MHz QPSK Middle
Channel / 1RB99 and 1RB0

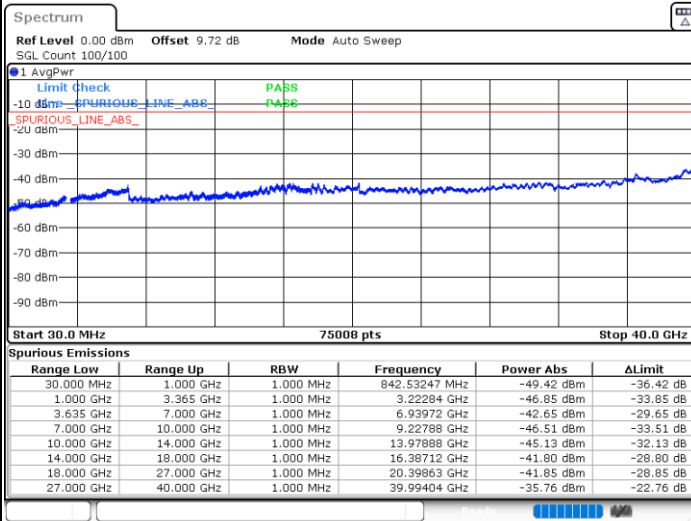
Date: 2.SEP.2024 10:07:11



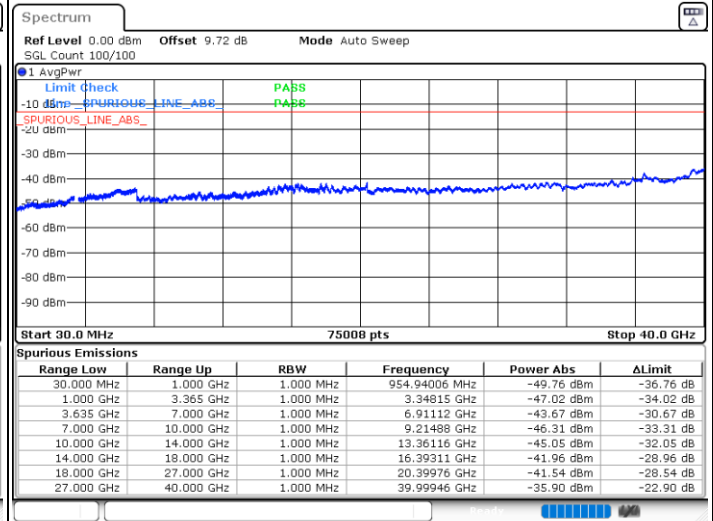
Date: 2.SEP.2024 10:23:53

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

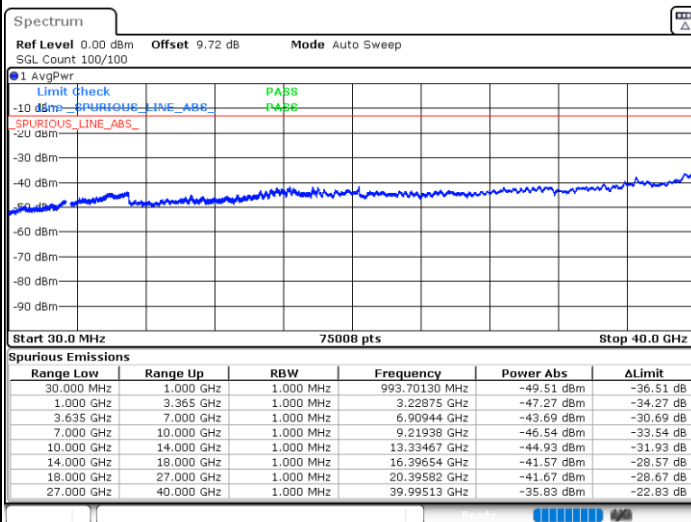
Date: 2.SEP.2024 10:27:46

LTE Band 42C / 20MHz+15MHz QPSK Lowest
Channel / 1RB99 and 1RB0LTE Band 42C / 20MHz+15MHz QPSK Middle
Channel / 1RB99 and 1RB0

Date: 2.SEP.2024 10:44:03



Date: 2.SEP.2024 11:00:44

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

Date: 2.SEP.2024 11:04:37

Frequency Stability

Test Conditions		LTE Band 42C (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20+20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0019	PASS
40	Normal Voltage	0.0024	
30	Normal Voltage	0.0009	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0013	
0	Normal Voltage	0.0059	
-10	Normal Voltage	0.0064	
-20	Normal Voltage	0.0072	
-30	Normal Voltage	0.0026	
20	Maximum Voltage	0.0038	
20	Normal Voltage	0.0011	
20	Battery End Point	0.0017	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.3V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Simle Wang	Temperature :	22~25°C
		Relative Humidity :	48~52%

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

LTE Band 42 / 20MHz / QPSK / Ant. 4								
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	-64.57	-13	-51.57	-74.78	3.03	13.24	H
	10476	-61.61	-13	-48.61	-71.06	3.56	13.01	H
	13968	-62.58	-13	-49.58	-72.10	3.92	13.44	H
	6984	-64.73	-13	-51.73	-74.94	3.03	13.24	V
	10476	-61.91	-13	-48.91	-71.36	3.56	13.01	V
	13968	-61.25	-13	-48.25	-70.77	3.92	13.44	V

PCC 1RB0:

LTE Band 42C / 20MHz+20MHz / QPSK / Ant. 4								
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	-64.54	-13	-51.54	-74.75	3.03	13.24	H
	10476	-61.18	-13	-48.18	-70.63	3.56	13.01	H
	13968	-62.54	-13	-49.54	-72.06	3.92	13.44	H
	6984	-64.21	-13	-51.21	-74.42	3.03	13.24	V
	10476	-61.92	-13	-48.92	-71.37	3.56	13.01	V
	13968	-62.87	-13	-49.87	-72.39	3.92	13.44	V

SCC 1RBMAX:

LTE Band 42C / 20MHz+20MHz / QPSK / Ant. 4								
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	-63.78	-13	-50.78	-73.99	3.03	13.24	H
	10536	-62.11	-13	-49.11	-71.56	3.56	13.01	H
	14040	-62.23	-13	-49.23	-71.75	3.92	13.44	H
	7020	-63.83	-13	-50.83	-74.04	3.03	13.24	V
	10536	-62.64	-13	-49.64	-72.09	3.56	13.01	V
	14040	-62.60	-13	-49.60	-72.12	3.92	13.44	V

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