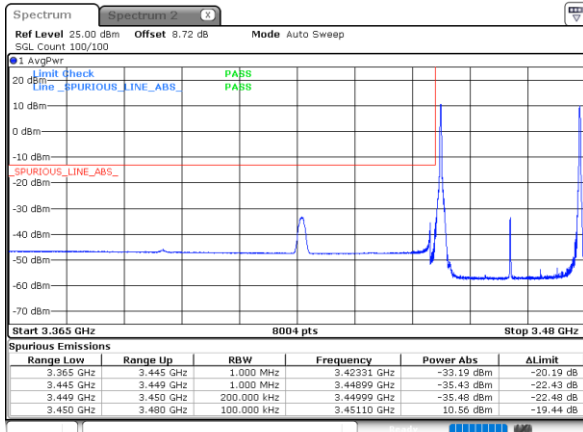




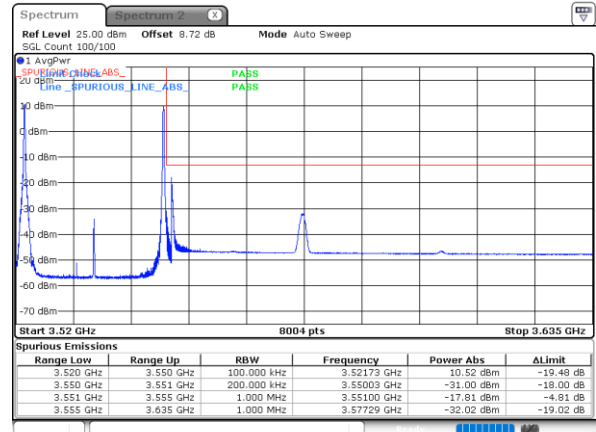
LTE Band 42C / 20MHz+10MHz

64QAM

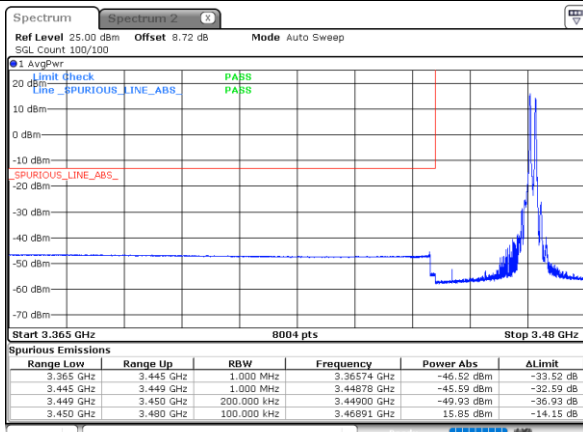
Lowest Band Edge / 1RB0 and 1RB49



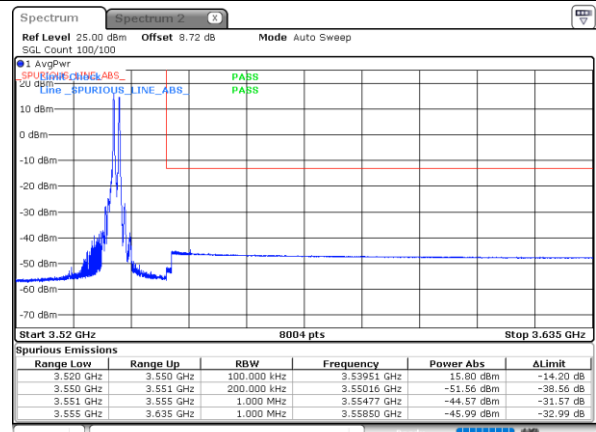
Highest Band Edge / 1RB0 and 1RB49



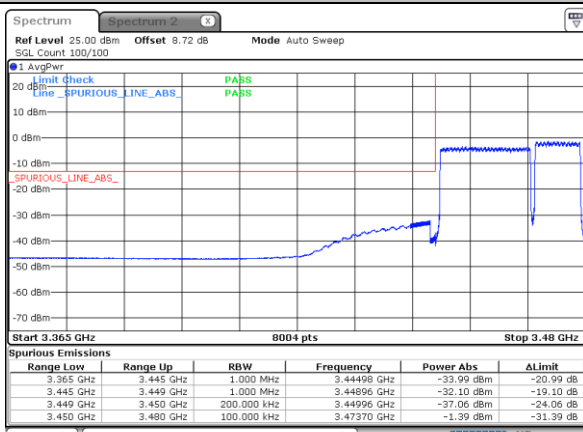
Lowest Band Edge / 1RB99 and 1RB0



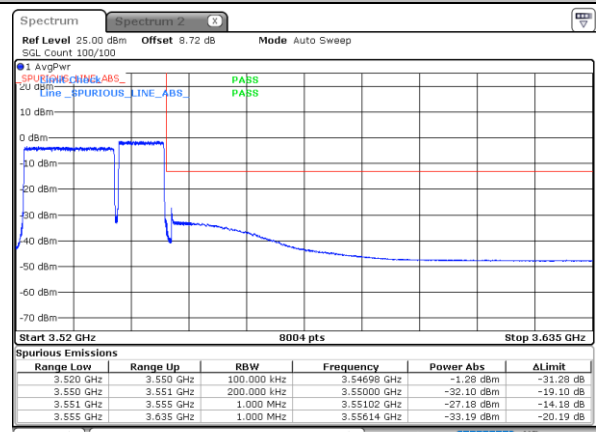
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

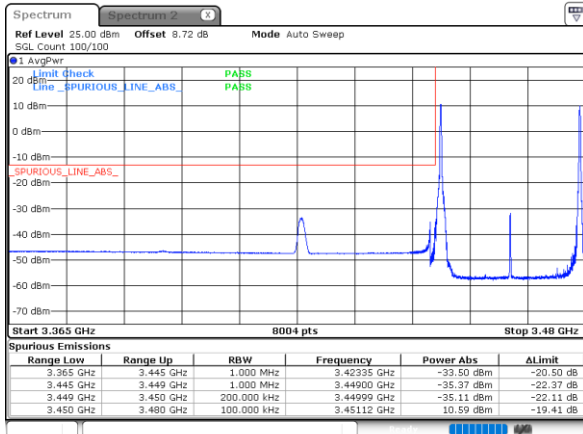




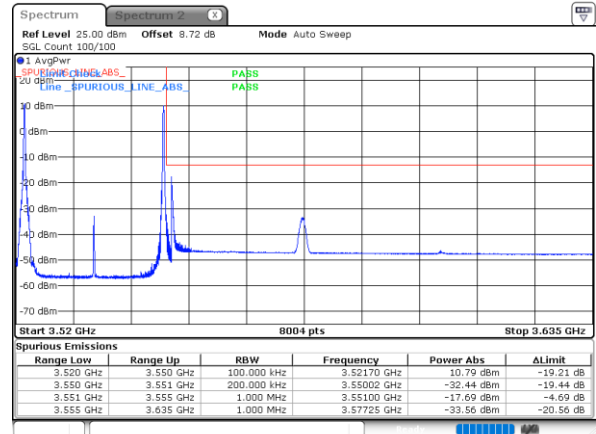
LTE Band 42C / 20MHz+10MHz

256QAM

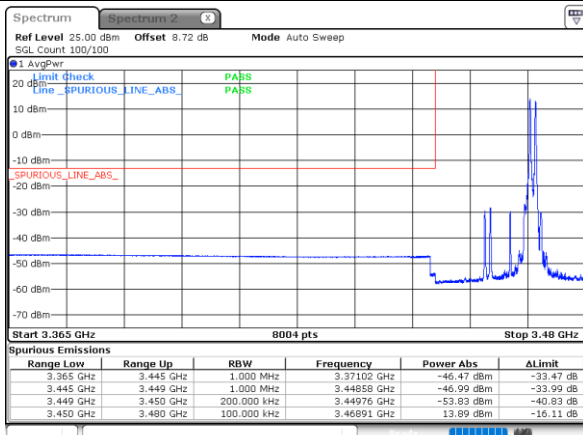
Lowest Band Edge / 1RB0 and 1RB49



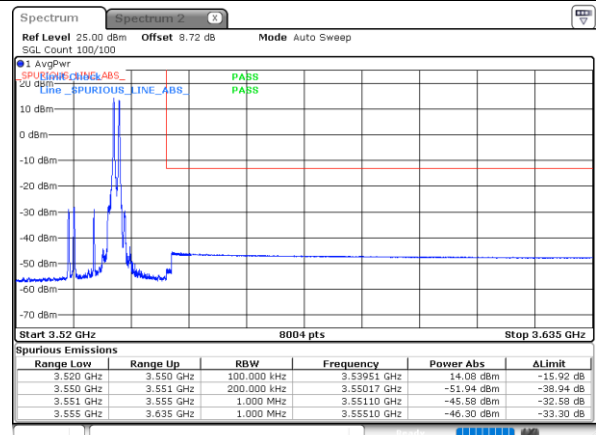
Highest Band Edge / 1RB0 and 1RB49



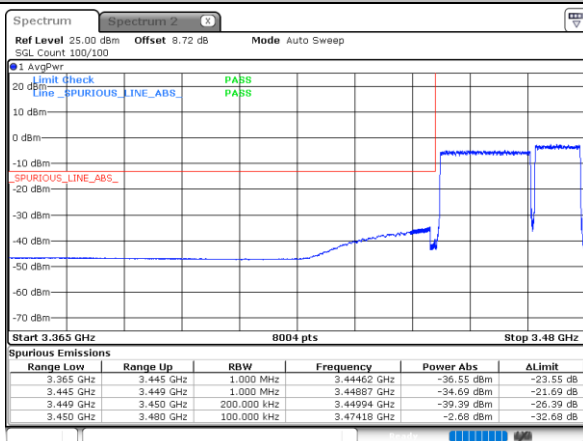
Lowest Band Edge / 1RB99 and 1RB0



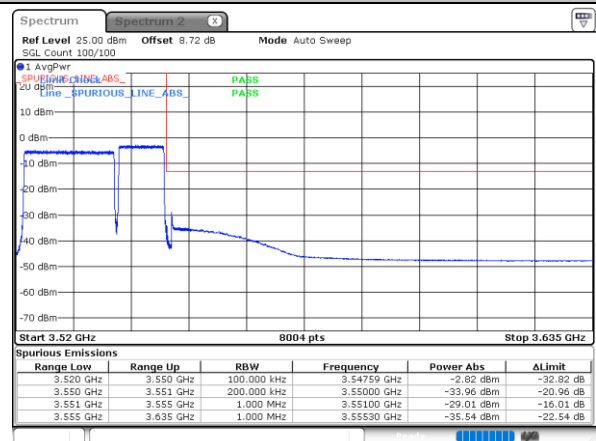
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

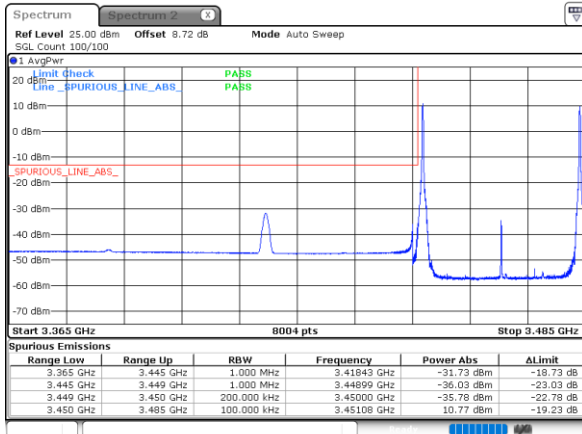




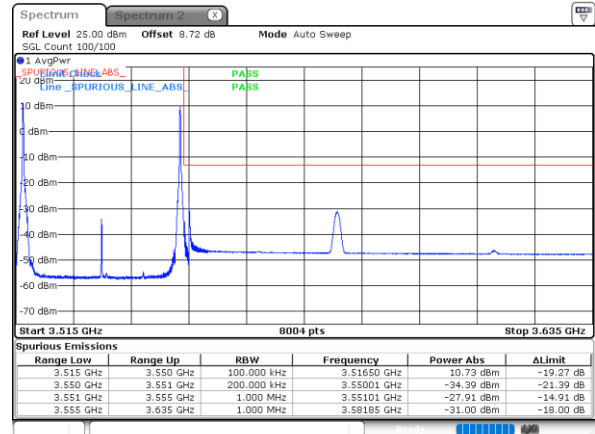
LTE Band 42C / 20MHz+15MHz

QPSK

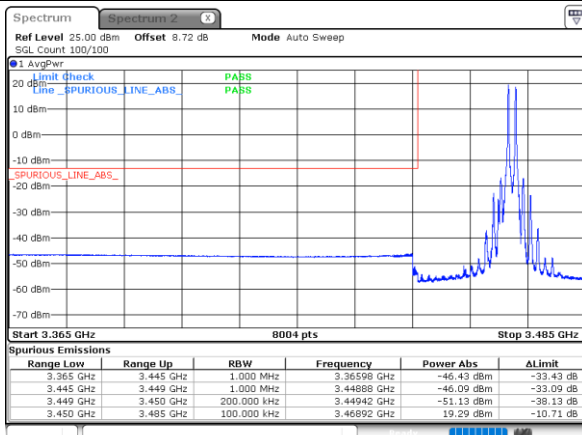
Lowest Band Edge / 1RB0 and 1RB74



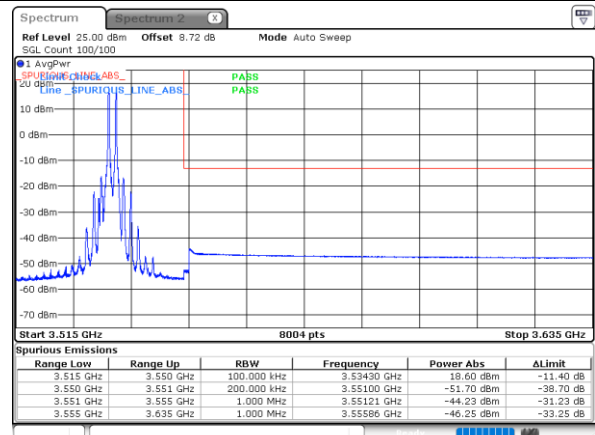
Highest Band Edge / 1RB0 and 1RB74



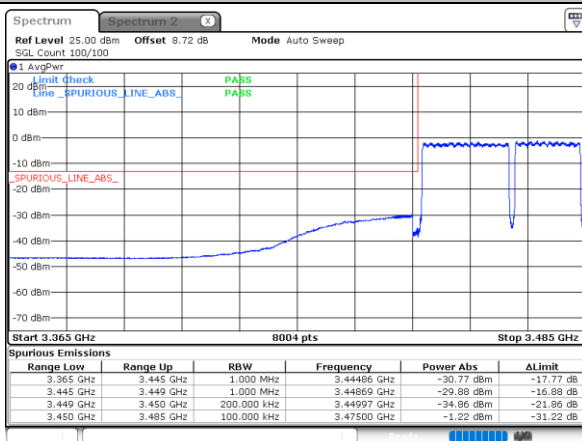
Lowest Band Edge / 1RB99 and 1RB0



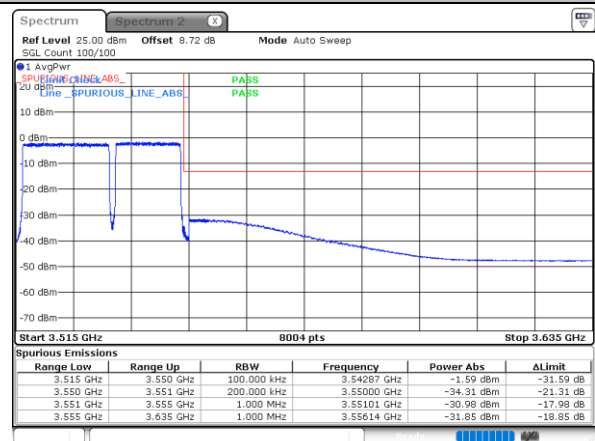
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

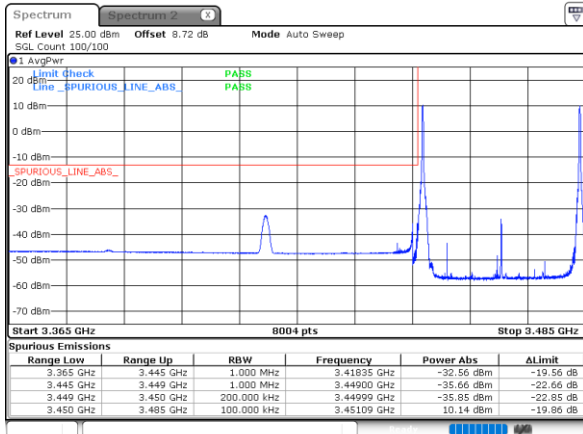




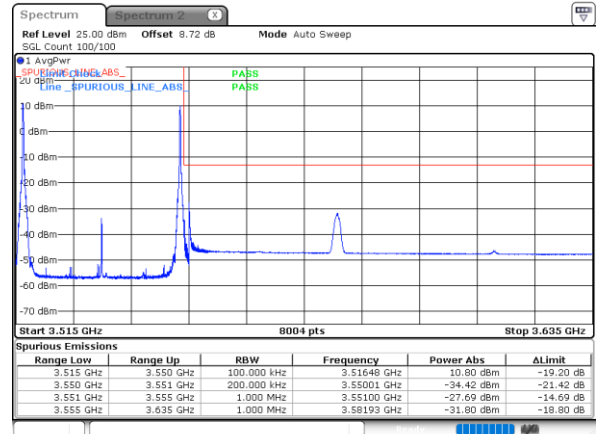
LTE Band 42C / 20MHz+15MHz

16QAM

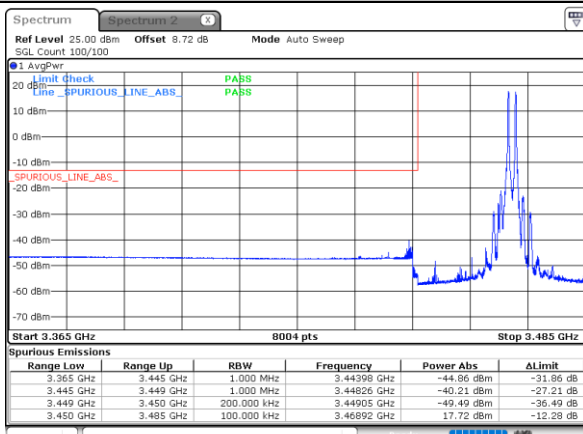
Lowest Band Edge / 1RB0 and 1RB74



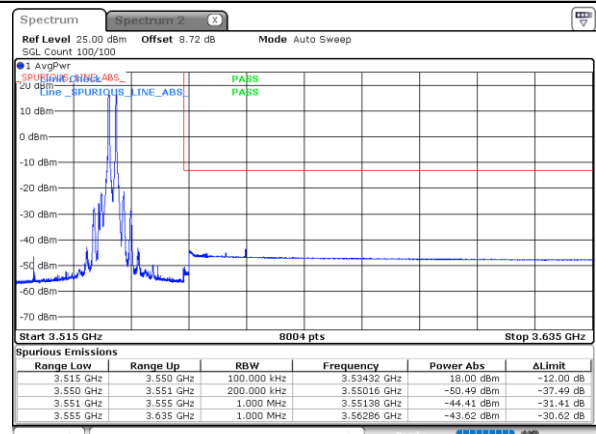
Highest Band Edge / 1RB0 and 1RB74



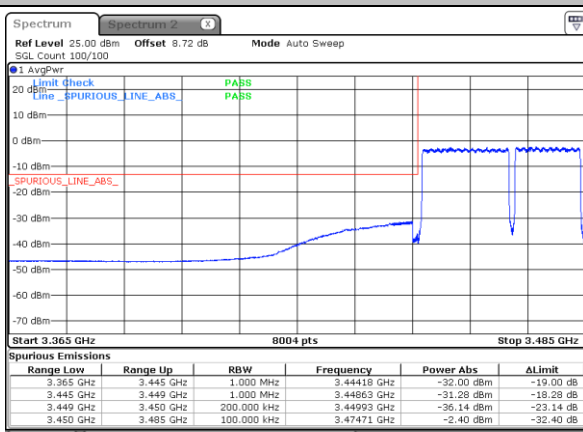
Lowest Band Edge / 1RB99 and 1RB0



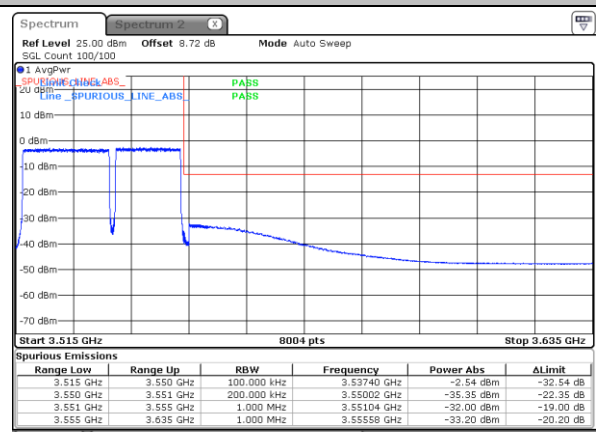
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

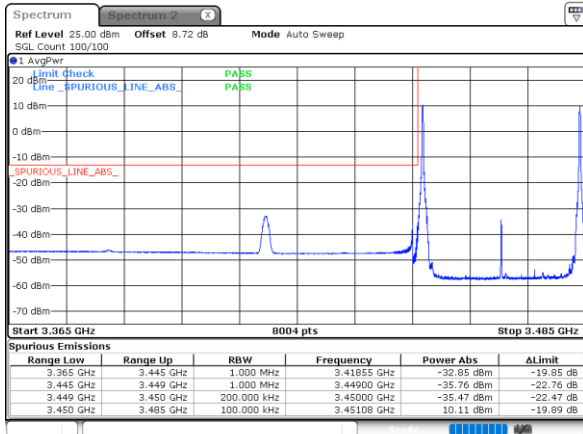




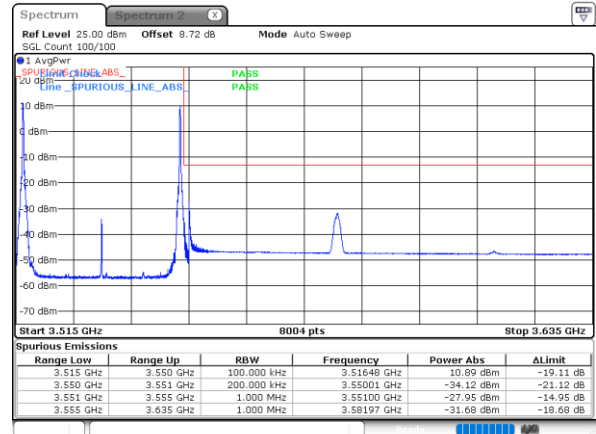
LTE Band 42C / 20MHz+15MHz

64QAM

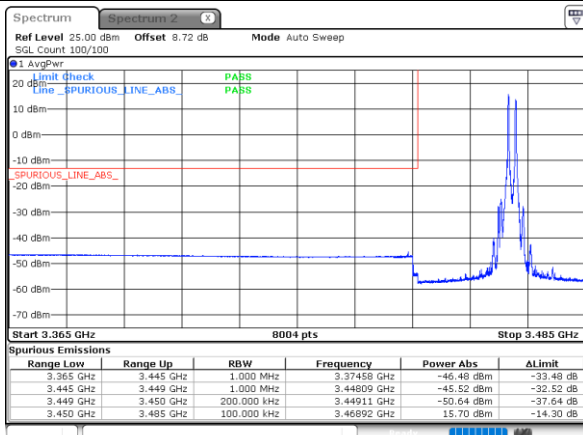
Lowest Band Edge / 1RB0 and 1RB74



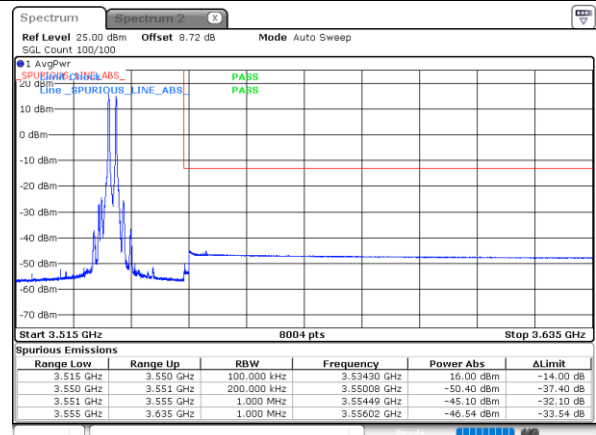
Highest Band Edge / 1RB0 and 1RB74



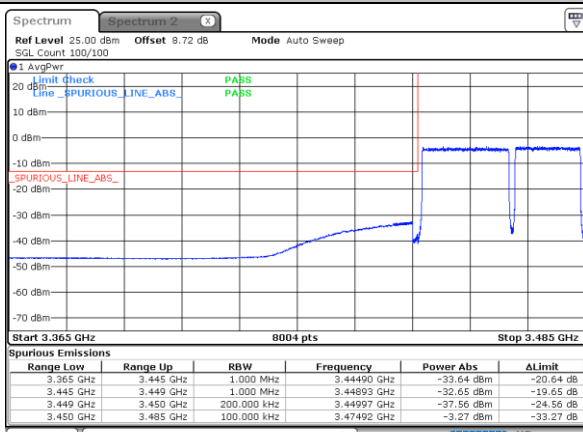
Lowest Band Edge / 1RB99 and 1RB0



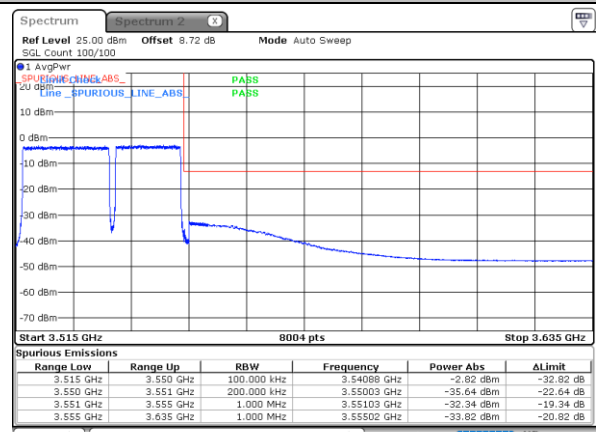
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

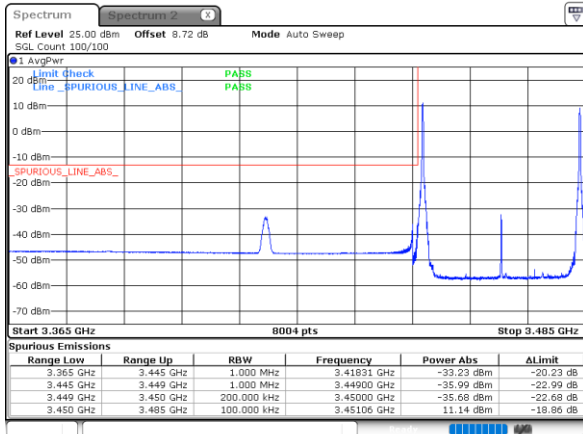




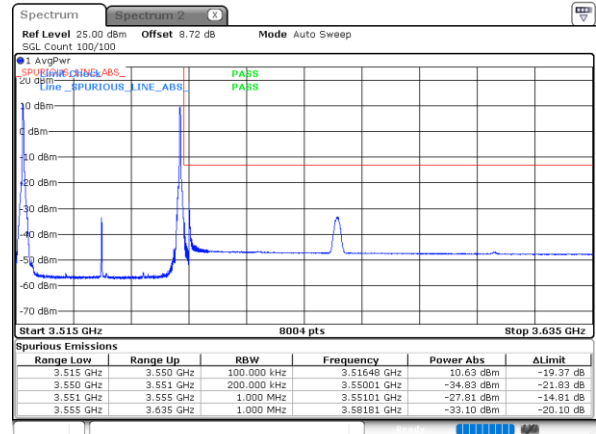
LTE Band 42C / 20MHz+15MHz

256QAM

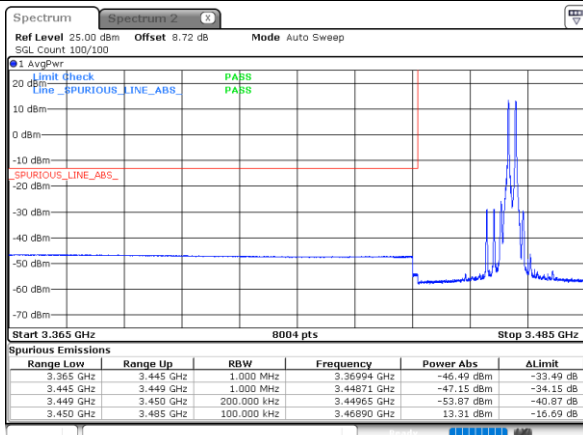
Lowest Band Edge / 1RB0 and 1RB74



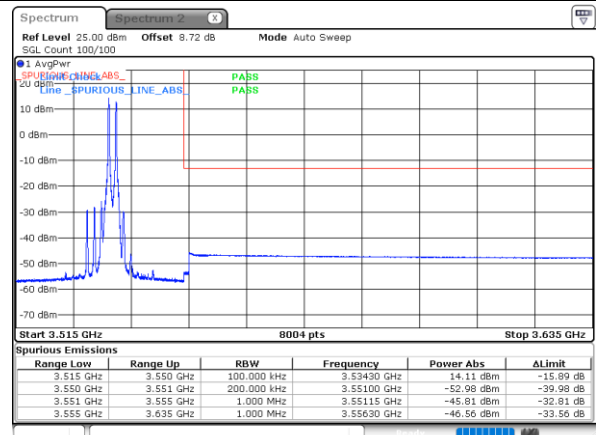
Highest Band Edge / 1RB0 and 1RB74



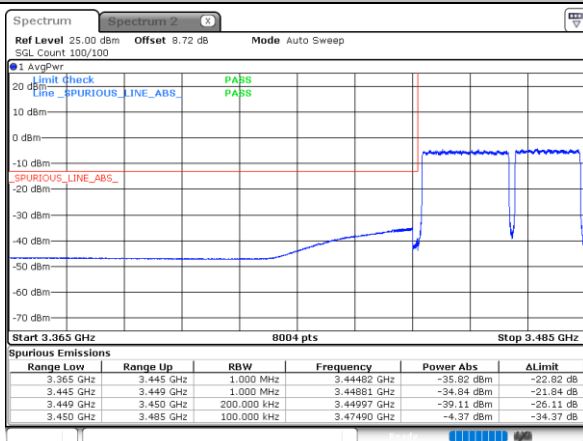
Lowest Band Edge / 1RB99 and 1RB0



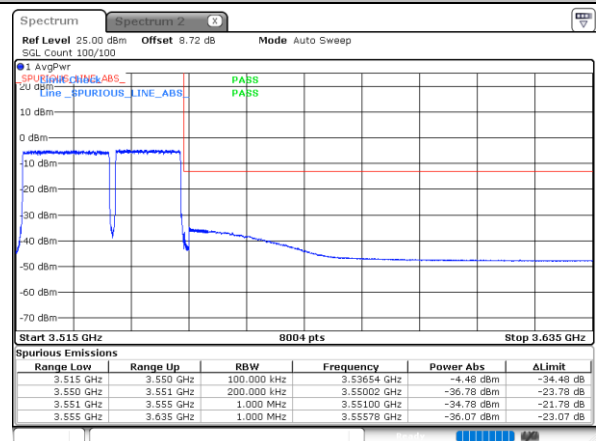
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



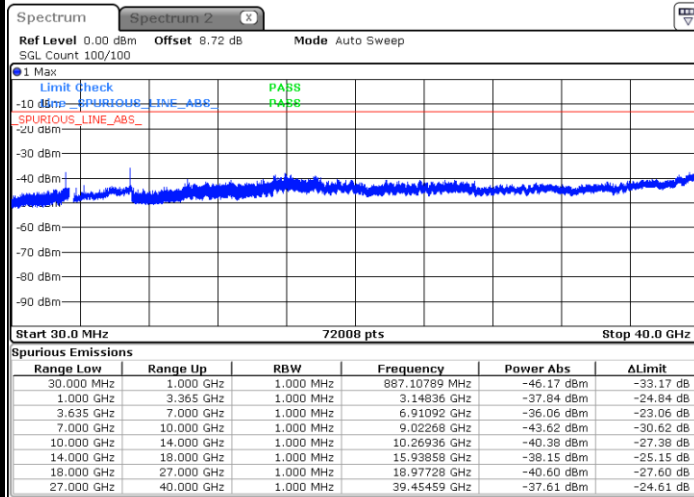
Highest Band Edge / Full RB





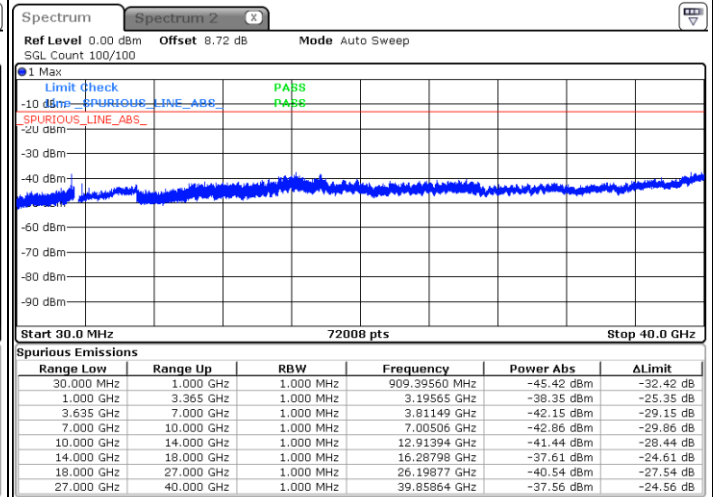
Conducted Spurious Emission

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



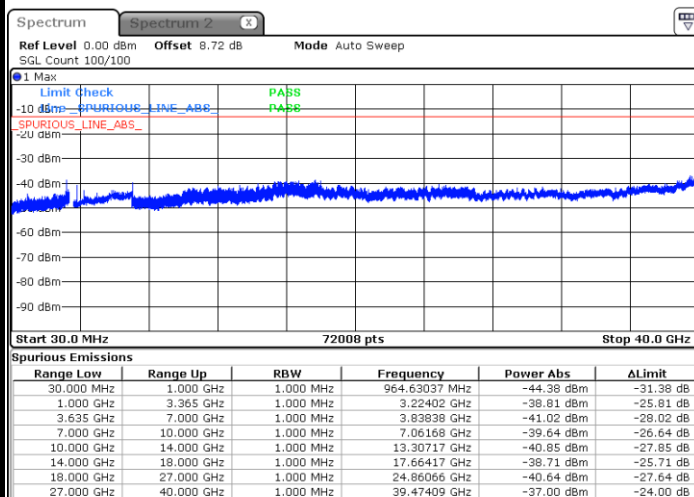
Date: 26.JUL.2024 13:59:53

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

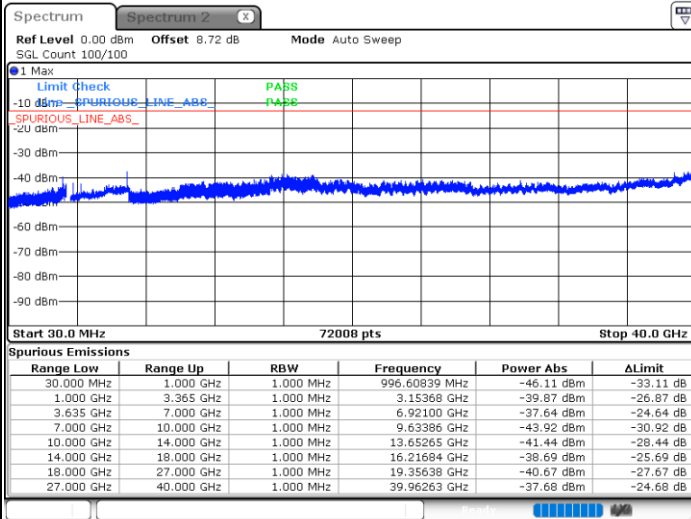


Date: 26.JUL.2024 14:02:05

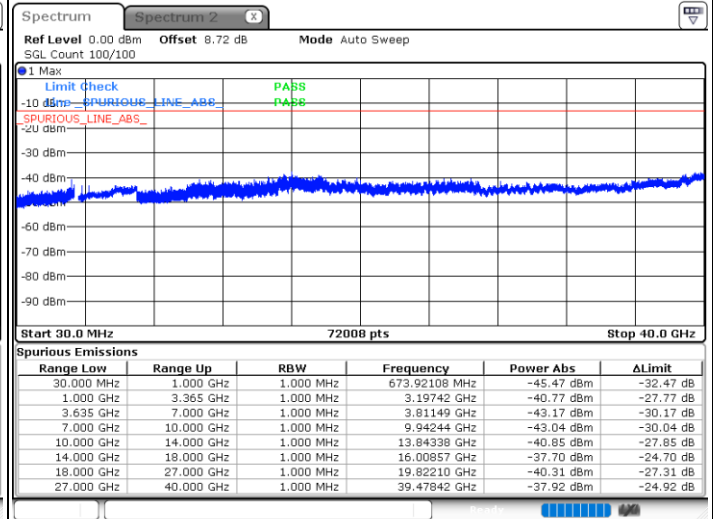
LTE Band 42C / 5MHz+20MHz QPSK Highest Channel / 1RB24 and 1RB0



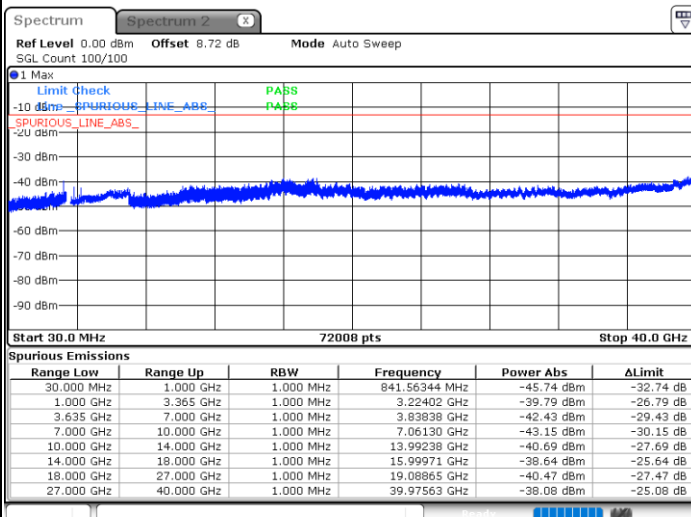
Date: 26.JUL.2024 14:17:39

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

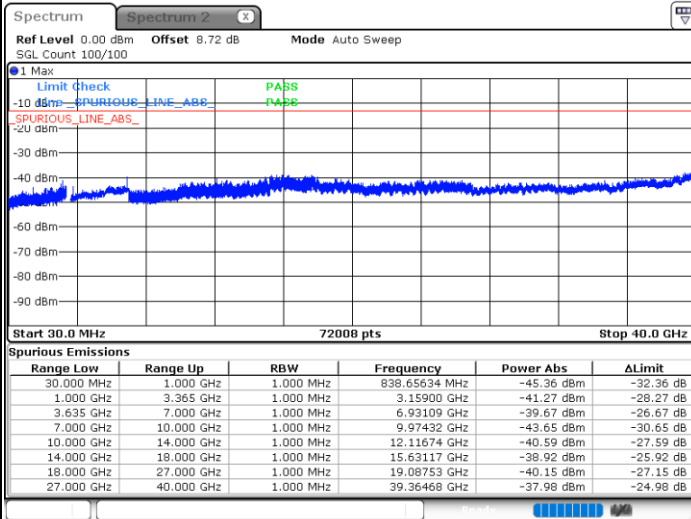
Date: 26.JUL.2024 14:33:13



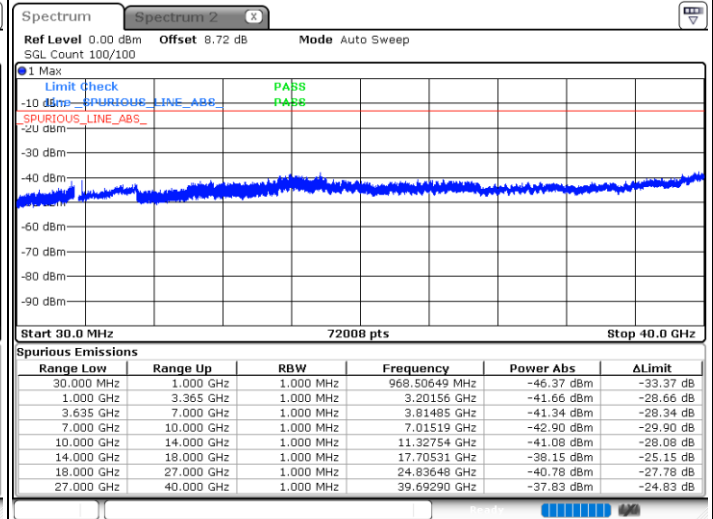
Date: 26.JUL.2024 14:35:26

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

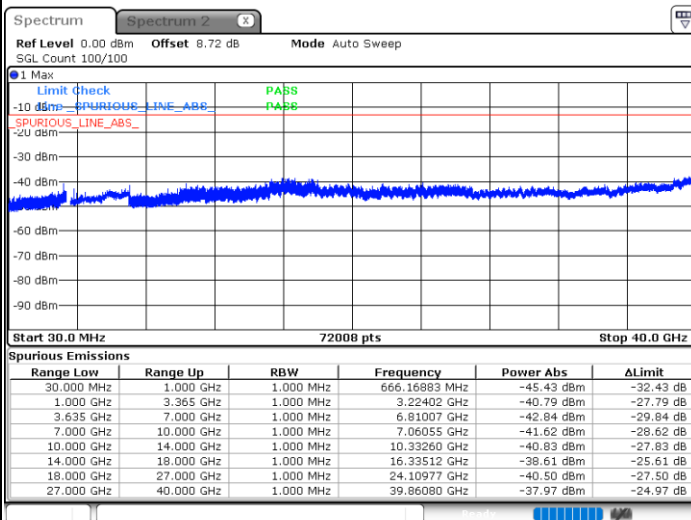
Date: 26.JUL.2024 14:52:22

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

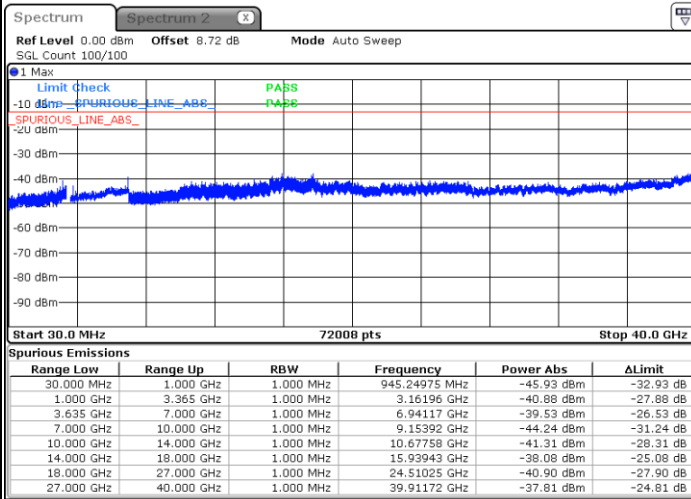
Date: 26.JUL.2024 15:07:58



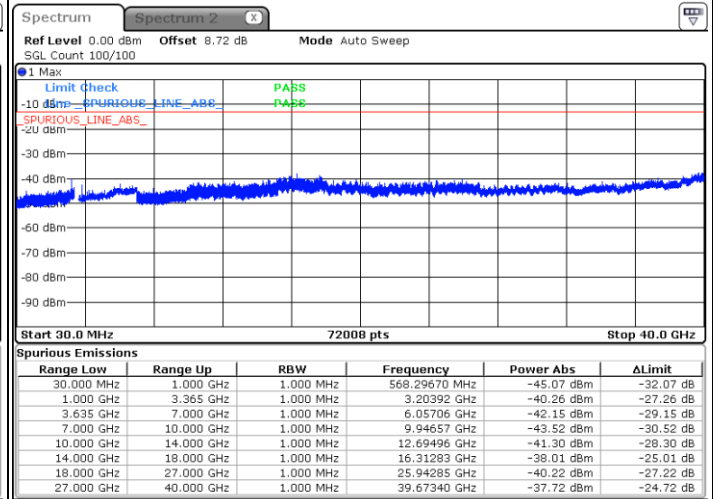
Date: 26.JUL.2024 15:10:11

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

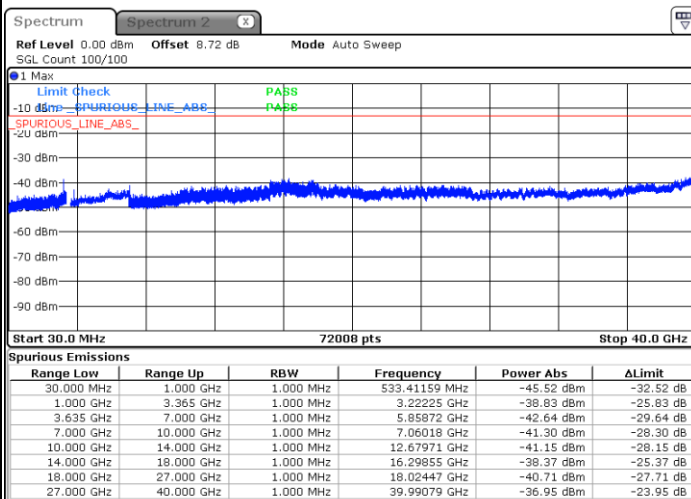
Date: 26.JUL.2024 15:27:58

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

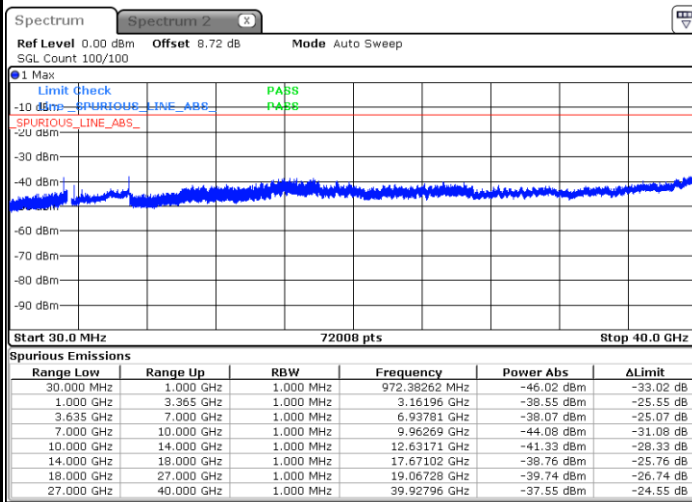
Date: 26.JUL.2024 15:44:26



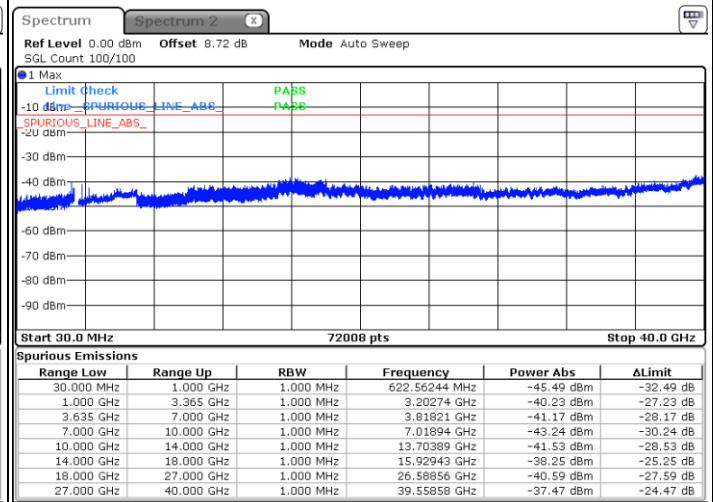
Date: 26.JUL.2024 15:46:39

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

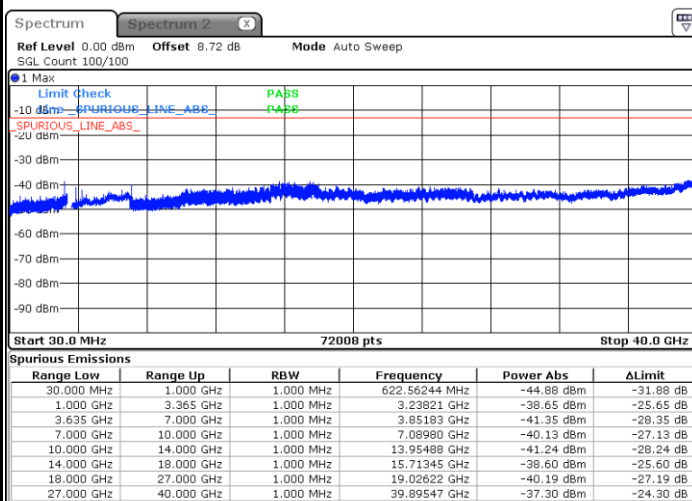
Date: 26.JUL.2024 16:07:37

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

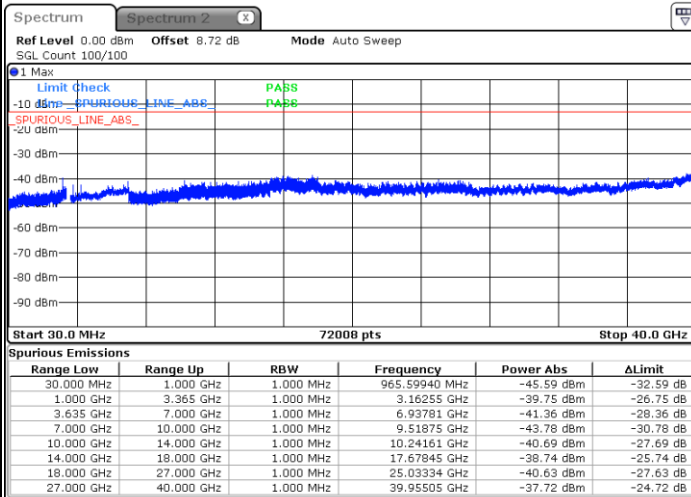
Date: 26.JUL.2024 16:23:14

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

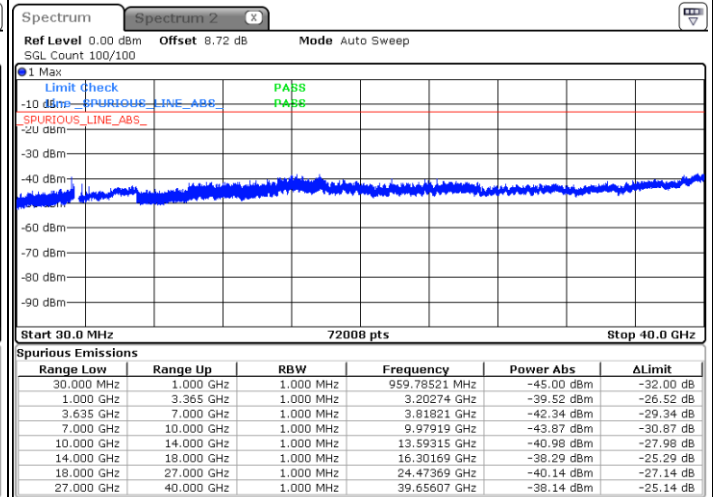
Date: 26.JUL.2024 16:25:26

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

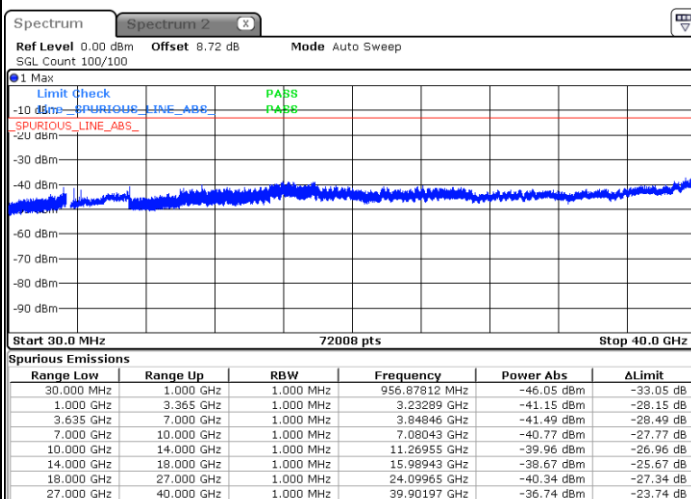
Date: 26.JUL.2024 16:41:03

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

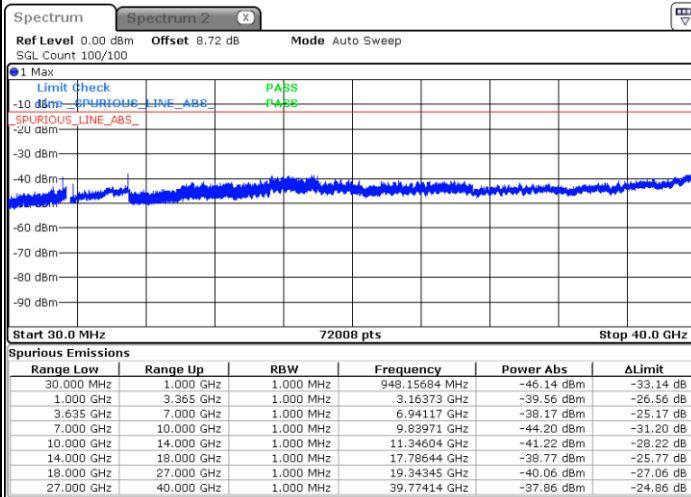
Date: 26.JUL.2024 16:56:39



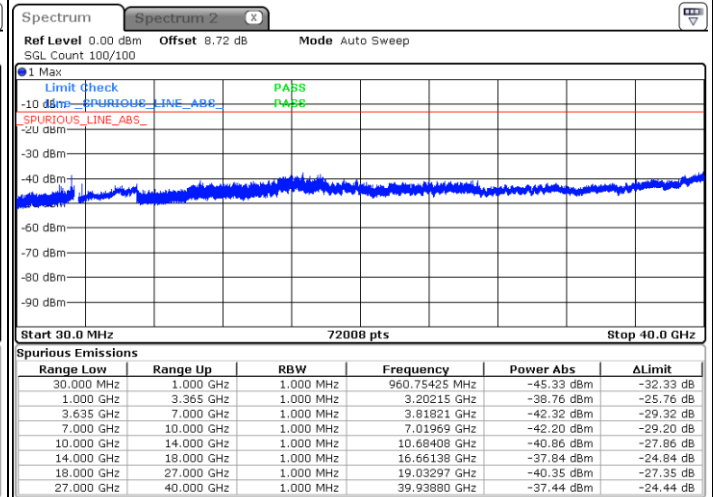
Date: 26.JUL.2024 16:58:52

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

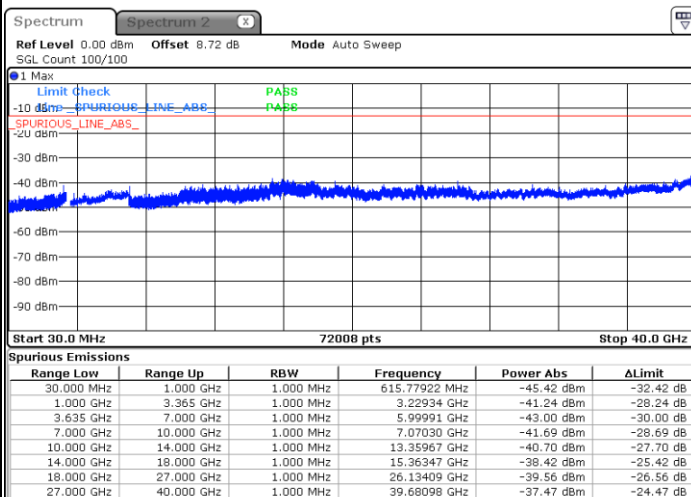
Date: 26.JUL.2024 17:14:31

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

Date: 26.JUL.2024 17:30:08



Date: 26.JUL.2024 17:32:21

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

Date: 26.JUL.2024 18:08:56

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	0.0018	PASS
40	Normal Voltage	0.0024	
30	Normal Voltage	0.0037	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0066	
0	Normal Voltage	0.0073	
-10	Normal Voltage	0.0029	
-20	Normal Voltage	0.0022	
-30	Normal Voltage	0.0038	
20	Maximum Voltage	0.0046	
20	Normal Voltage	0.0005	
20	Battery End Point	0.0011	

Note:

1. Normal Voltage =3.91 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.5 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 :	Jake zhou	Temperature :	23~25°C
		Relative Humidity :	41~42%

LTE Band 42 / 20MHz / QPSK								
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	-43.54	-13	-30.54	-53.75	3.03	13.24	H
	10476	-45.95	-13	-32.95	-55.40	3.56	13.01	H
	13968	-43.74	-13	-30.74	-53.26	3.92	13.44	H
	6984	-44.55	-13	-31.55	-54.76	3.03	13.24	V
	10476	-46.09	-13	-33.09	-55.54	3.56	13.01	V
	13968	-46.02	-13	-33.02	-55.54	3.92	13.44	V

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

LTE Band 42C / 20MHz+20MHz / QPSK								
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)
PCC Middle	6984	-56.79	-13	-43.79	-67.00	3.03	13.24	H
	10476	-49.96	-13	-36.96	-59.41	3.56	13.01	H
	13968	-45.92	-13	-32.92	-55.44	3.92	13.44	H
	6984	-56.21	-13	-43.21	-66.42	3.03	13.24	V
	10476	-50.45	-13	-37.45	-59.90	3.56	13.01	V
	13968	-46.04	-13	-33.04	-55.56	3.92	13.44	V
SCC Middle	7020	-58.26	-13	-45.26	-68.47	3.03	13.24	H
	10536	-51.50	-13	-38.50	-60.95	3.56	13.01	H
	14040	-44.80	-13	-31.80	-54.32	3.92	13.44	H
	7020	-58.22	-13	-45.22	-68.43	3.03	13.24	V
	10536	-51.37	-13	-38.37	-60.82	3.56	13.01	V
	14040	-44.75	-13	-31.75	-54.27	3.92	13.44	V

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