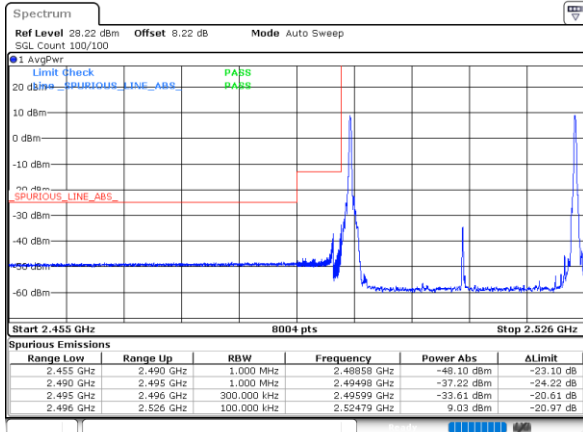




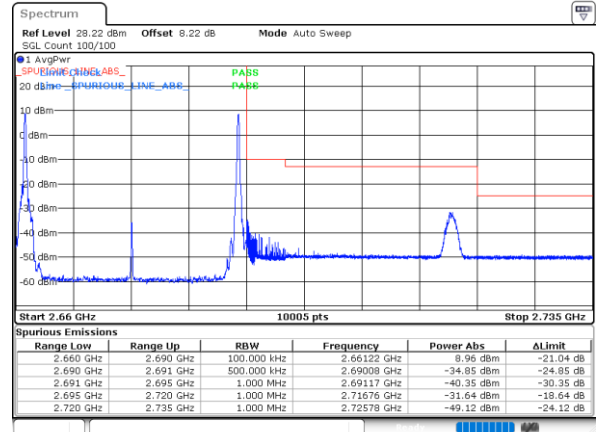
LTE Band 41C / 20MHz+10MHz

256QAM

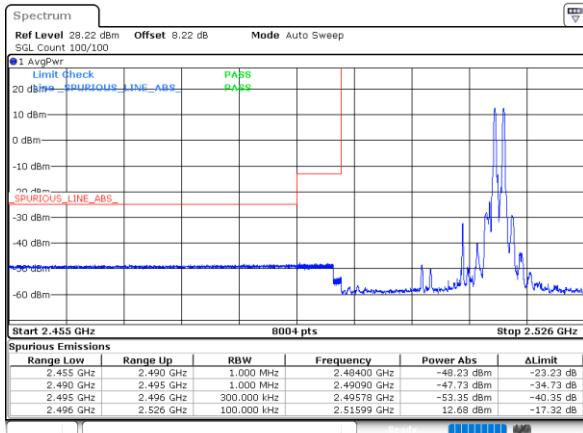
Lowest Band Edge / 1RB0 and 1RB49



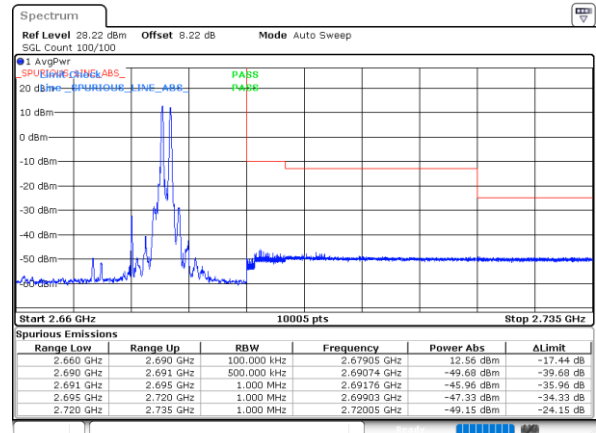
Highest Band Edge / 1RB0 and 1RB49



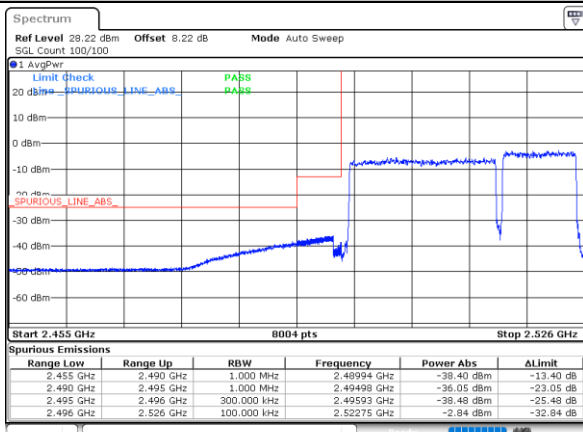
Lowest Band Edge / 1RB99 and 1RB0



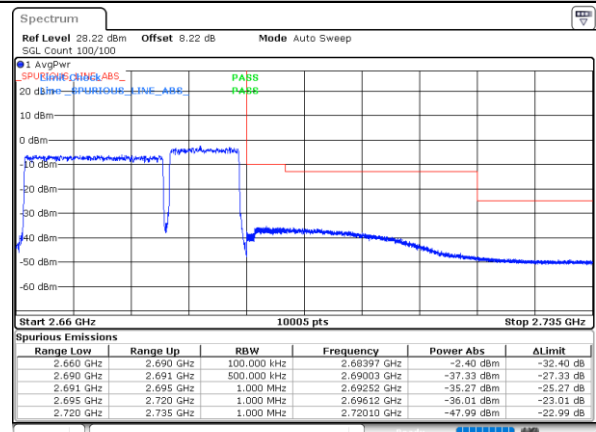
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

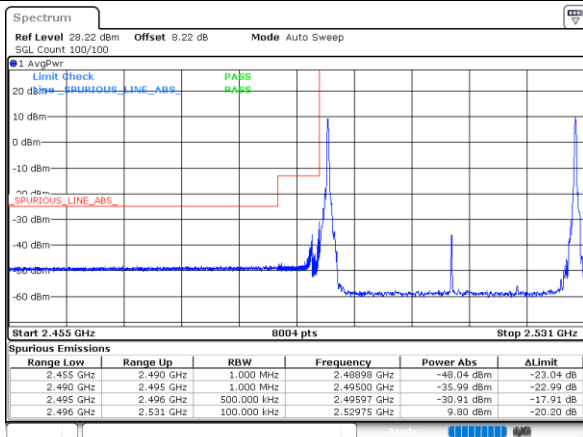




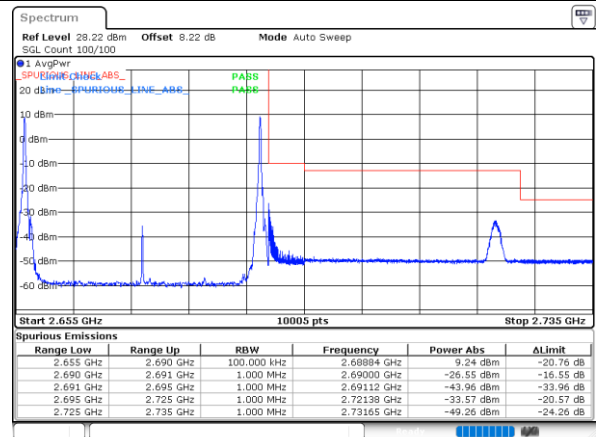
LTE Band 41C / 20MHz+15MHz

QPSK

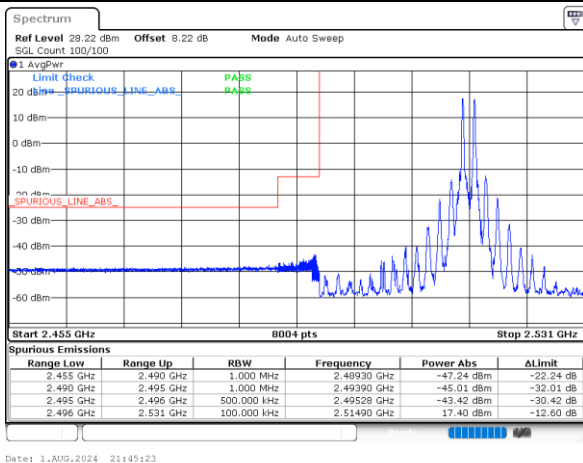
Lowest Band Edge / 1RB0 and 1RB74



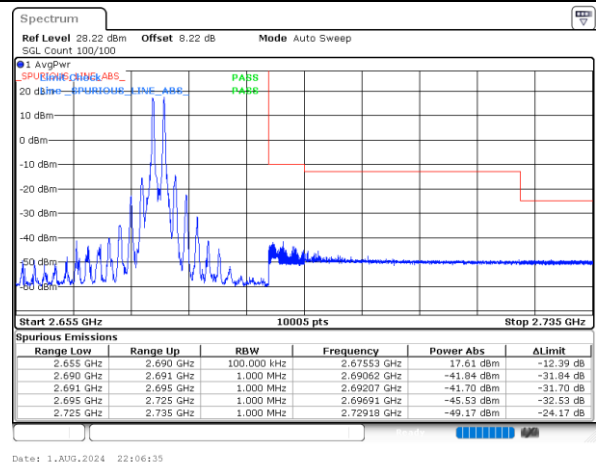
Highest Band Edge / 1RB0 and 1RB74



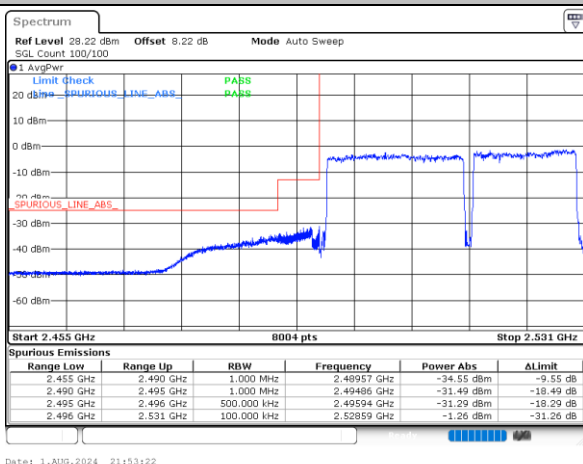
Lowest Band Edge / 1RB99 and 1RB0



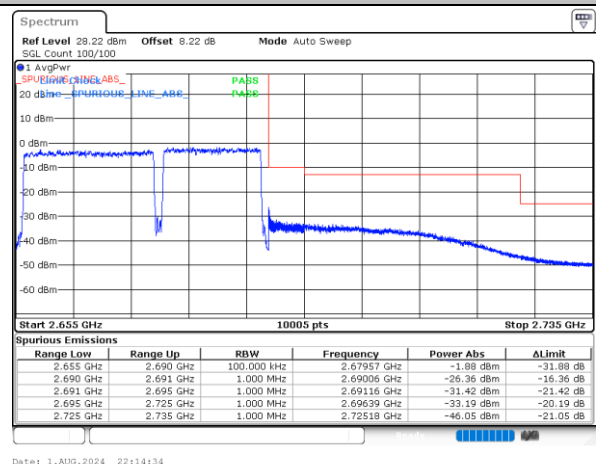
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

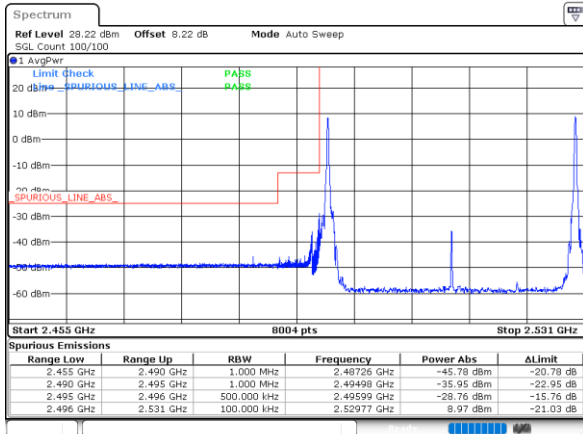




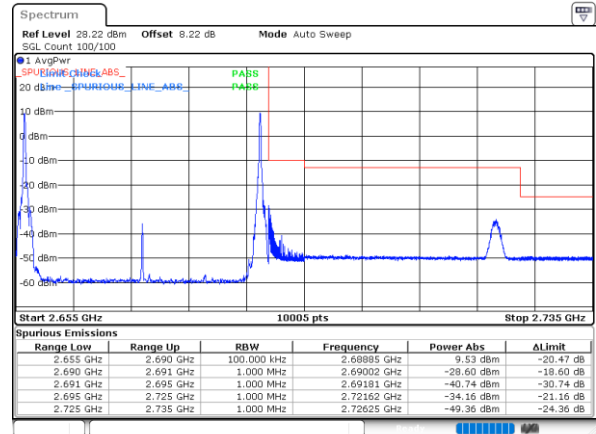
LTE Band 41C / 20MHz+15MHz

16QAM

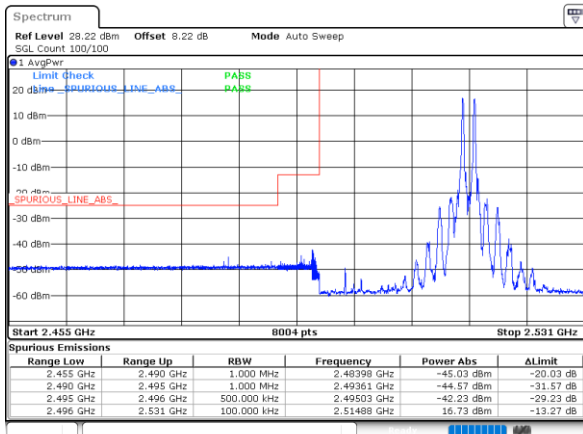
Lowest Band Edge / 1RB0 and 1RB74



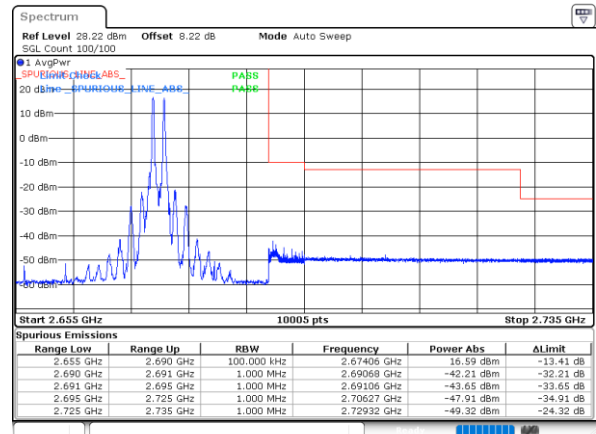
Highest Band Edge / 1RB0 and 1RB74



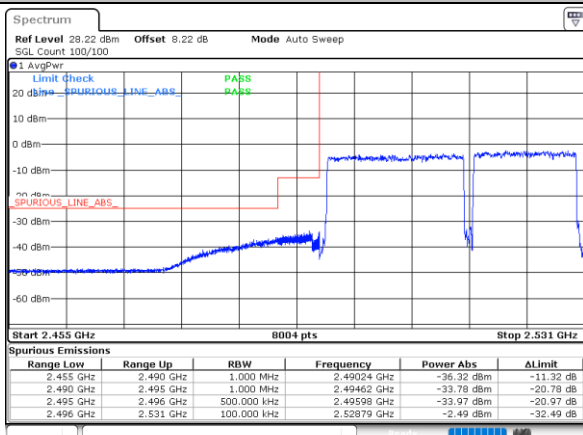
Lowest Band Edge / 1RB99 and 1RB0



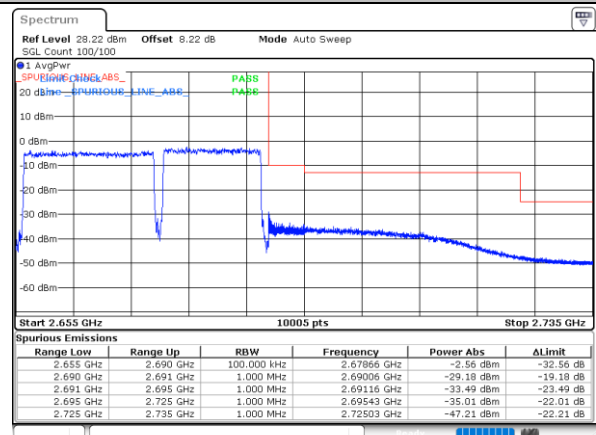
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

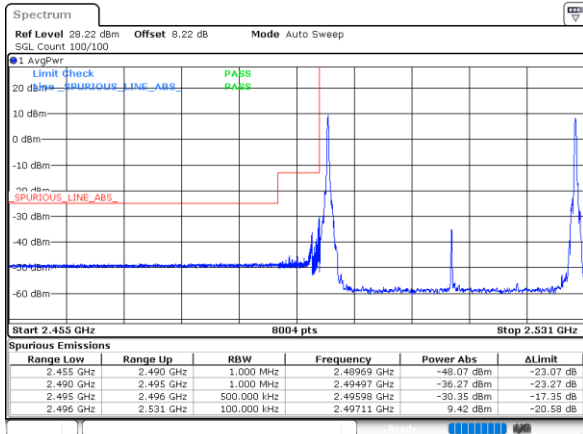




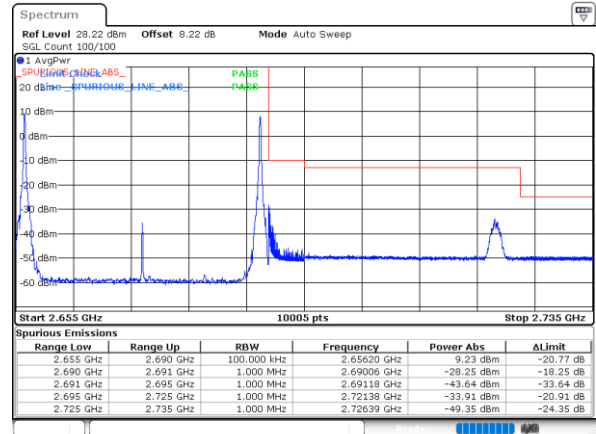
LTE Band 41C / 20MHz+15MHz

64QAM

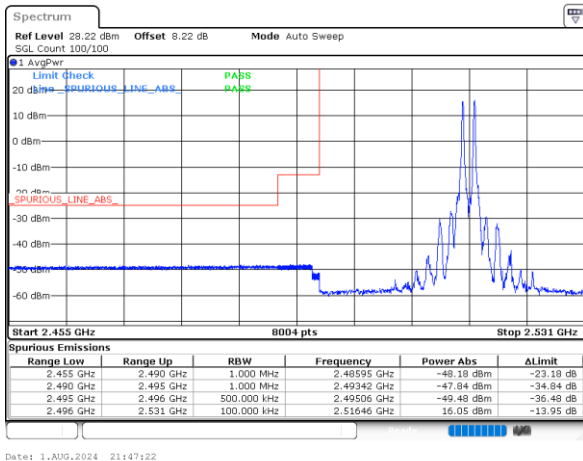
Lowest Band Edge / 1RB0 and 1RB74



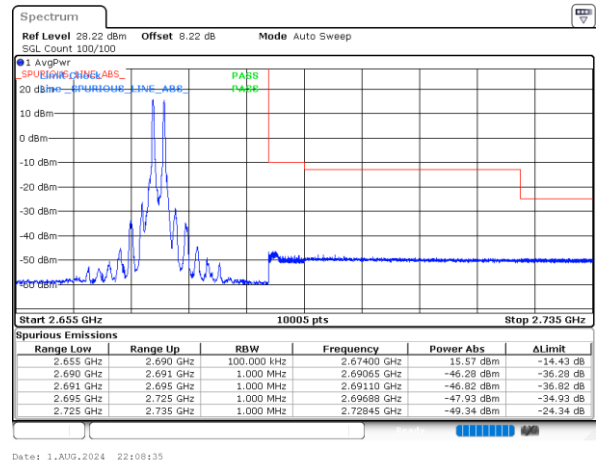
Highest Band Edge / 1RB0 and 1RB74



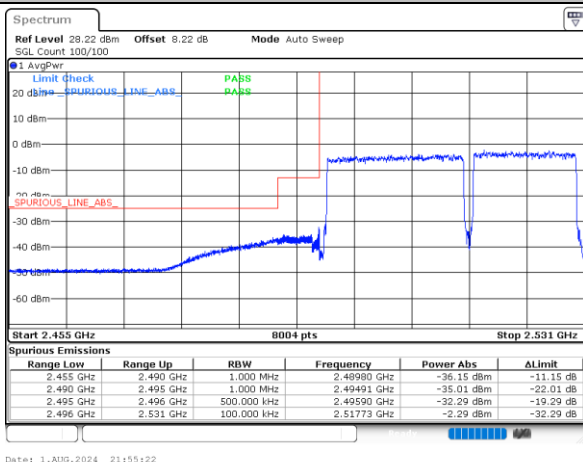
Lowest Band Edge / 1RB99 and 1RB0



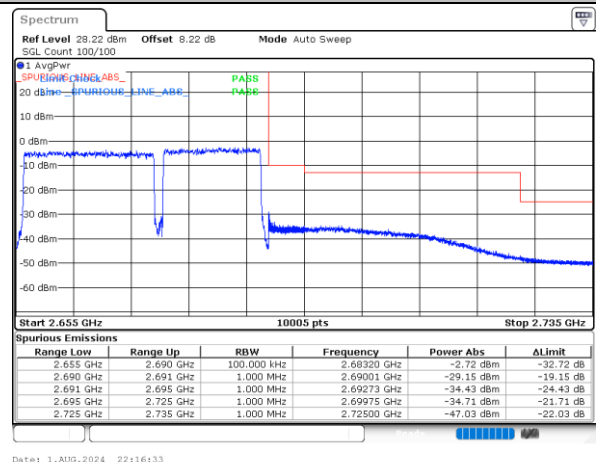
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

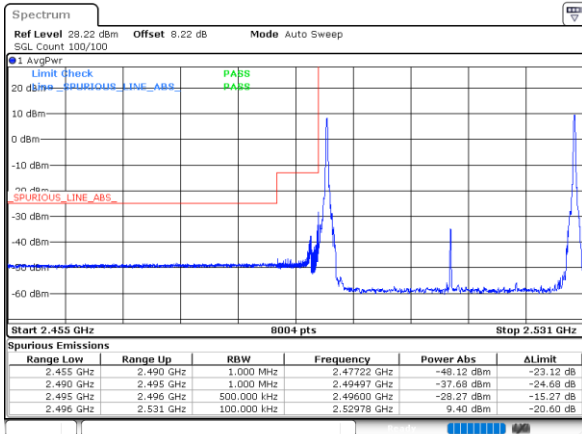




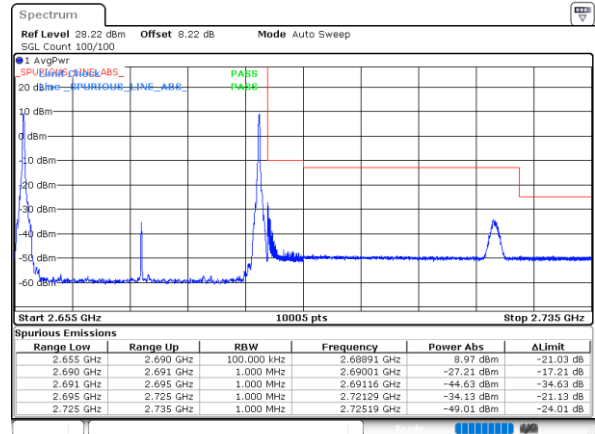
LTE Band 41C / 20MHz+15MHz

256QAM

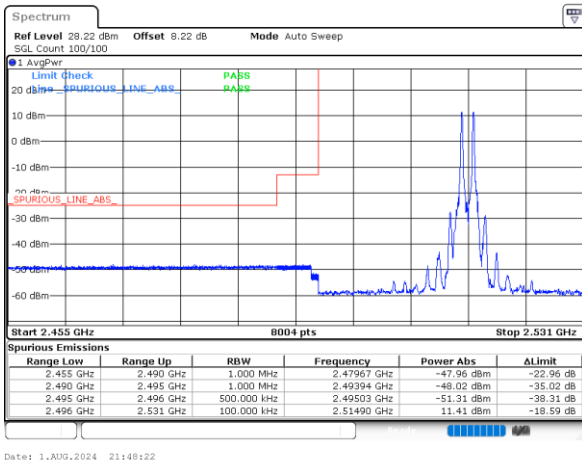
Lowest Band Edge / 1RB0 and 1RB74



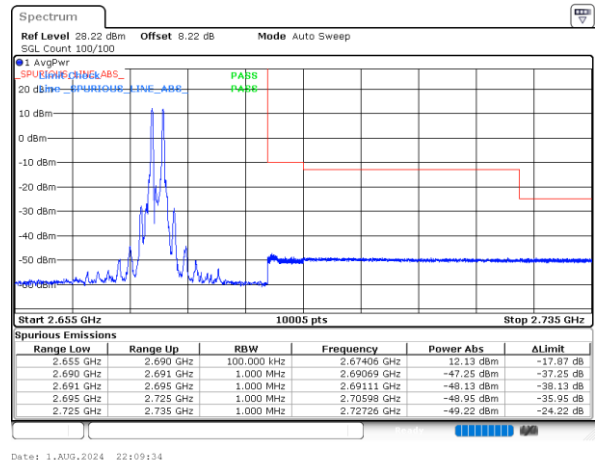
Highest Band Edge / 1RB0 and 1RB74



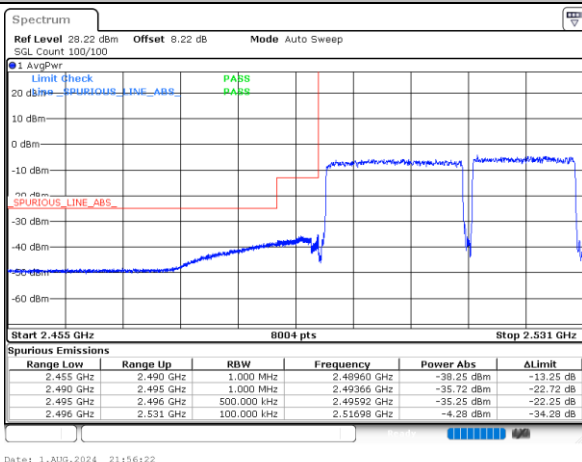
Lowest Band Edge / 1RB99 and 1RB0



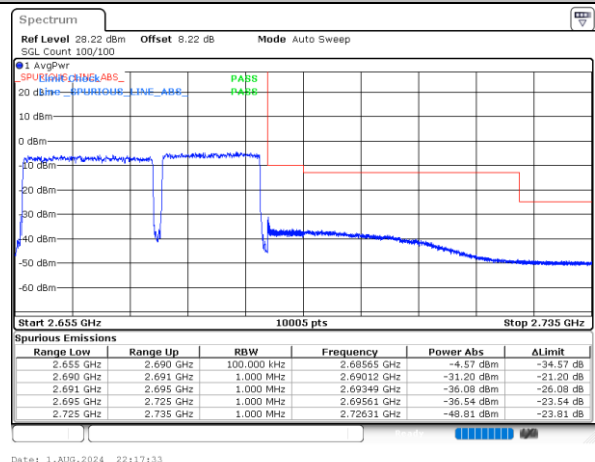
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

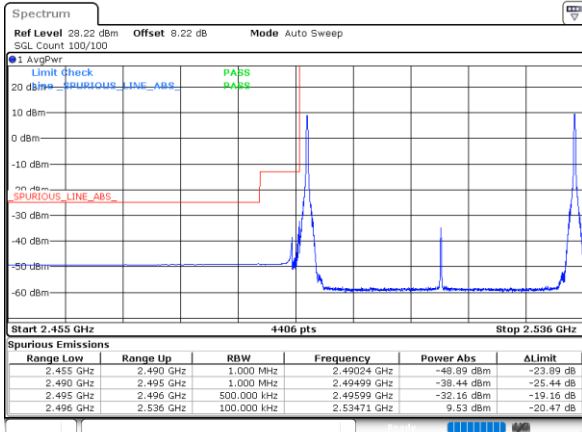




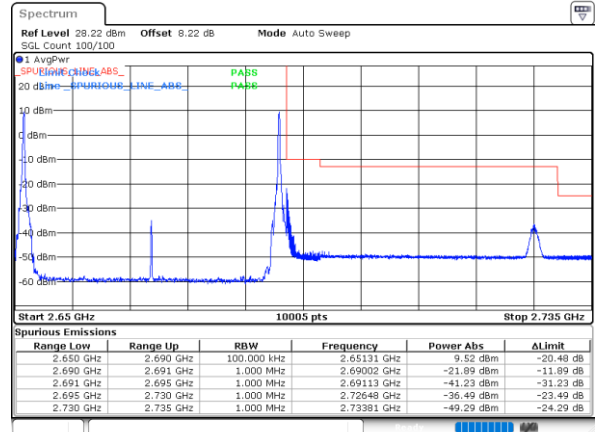
LTE Band 41C / 20MHz+20MHz

QPSK

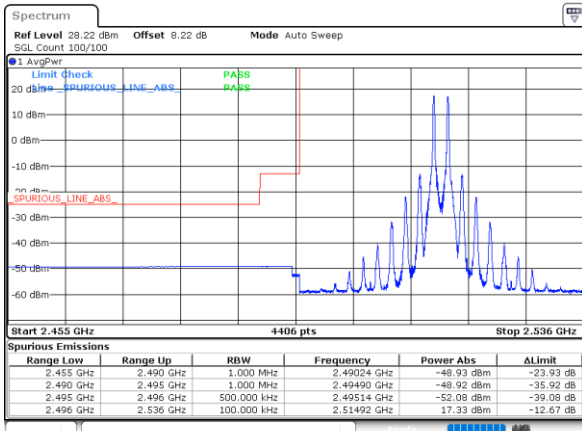
Lowest Band Edge / 1RB0 and 1RB99



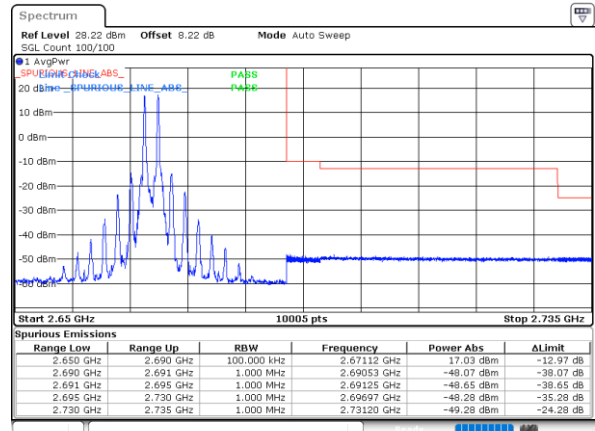
Highest Band Edge / 1RB0 and 1RB99



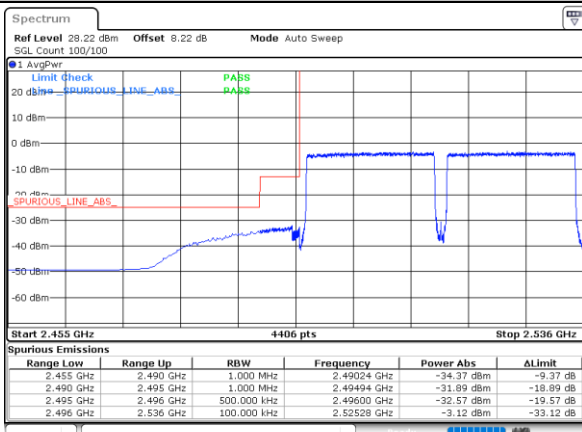
Lowest Band Edge / 1RB99 and 1RB0



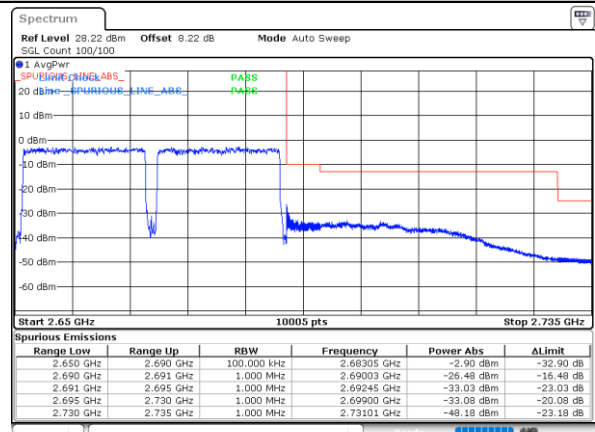
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

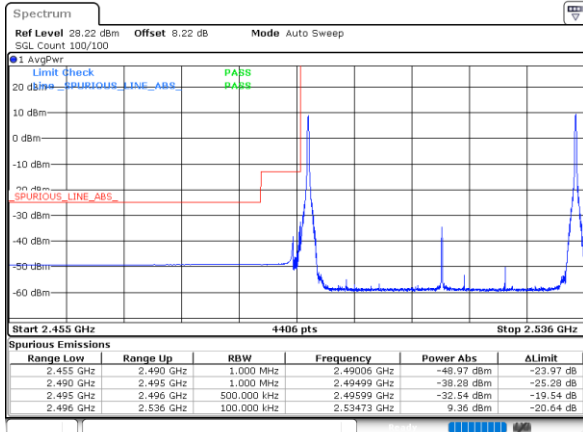




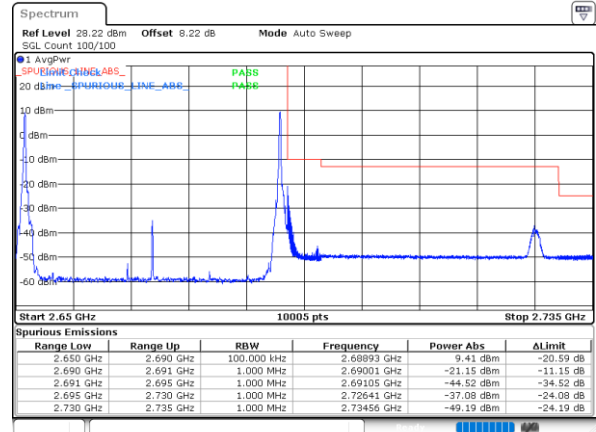
LTE Band 41C / 20MHz+20MHz

16QAM

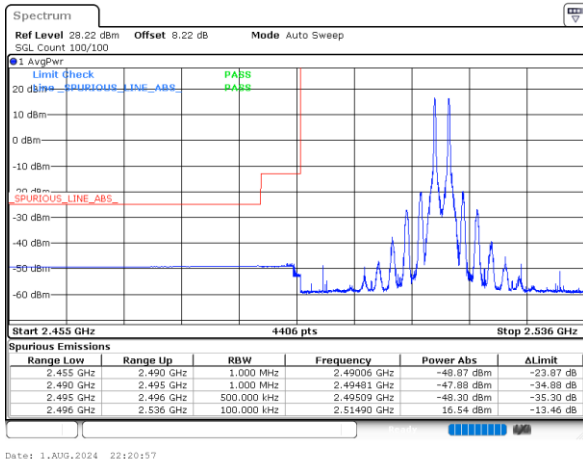
Lowest Band Edge / 1RB0 and 1RB99



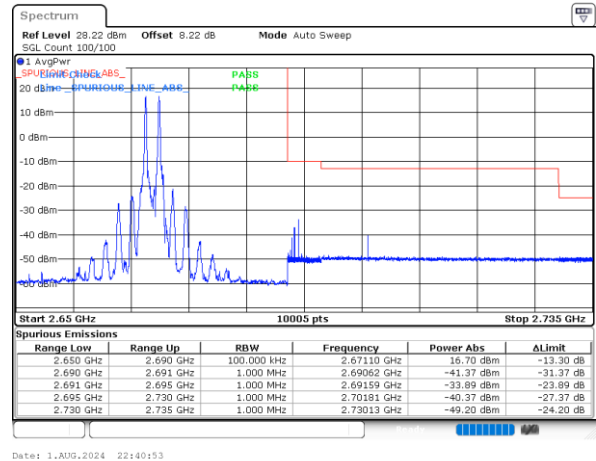
Highest Band Edge / 1RB0 and 1RB99



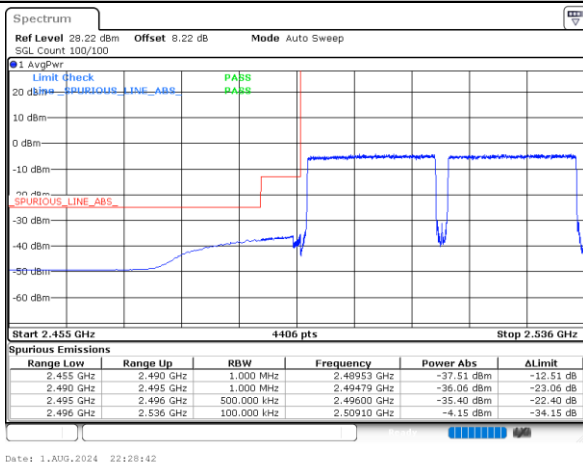
Lowest Band Edge / 1RB99 and 1RB0



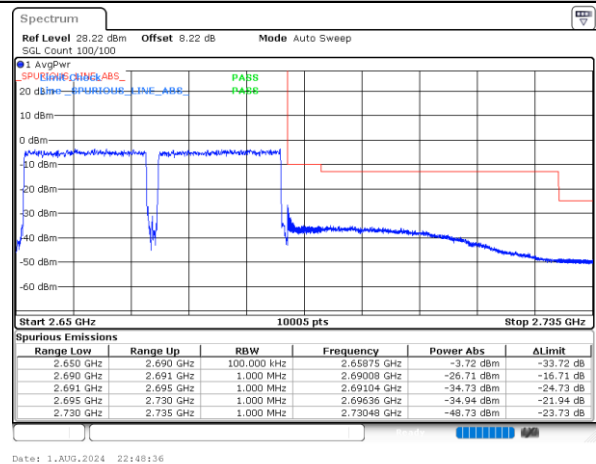
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

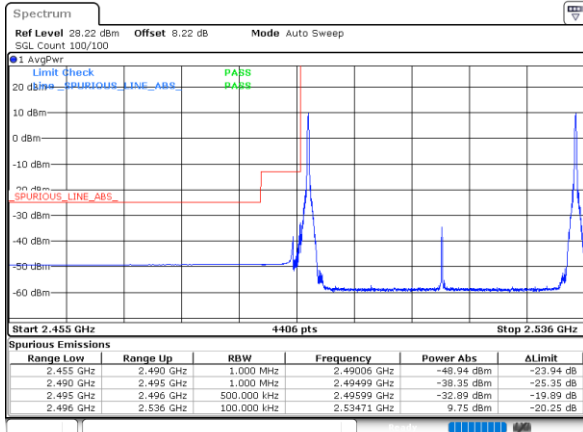




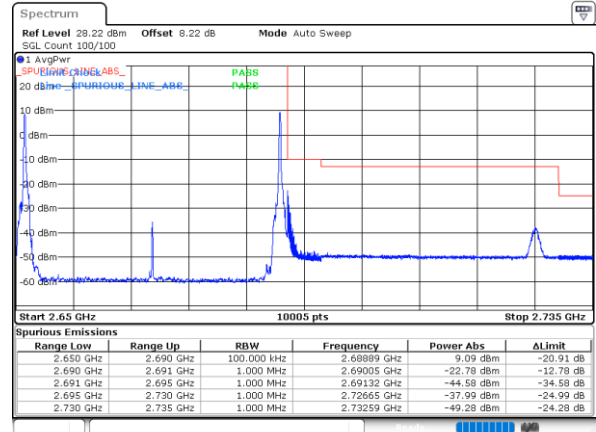
LTE Band 41C / 20MHz+20MHz

64QAM

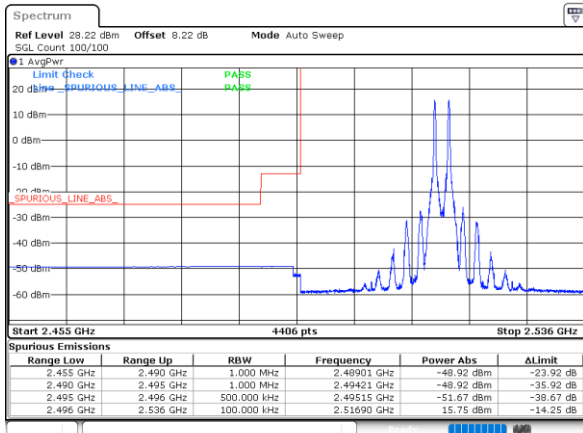
Lowest Band Edge / 1RB0 and 1RB99



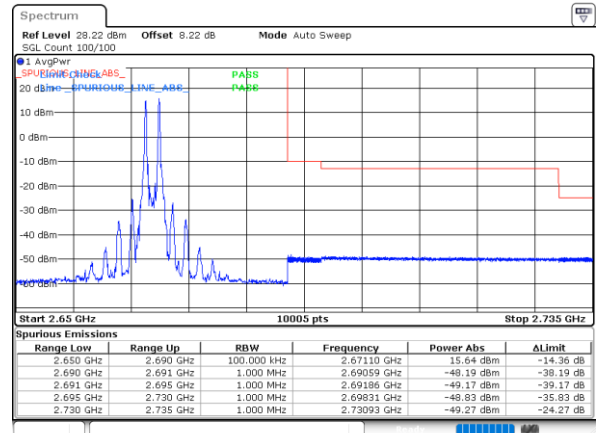
Highest Band Edge / 1RB0 and 1RB99



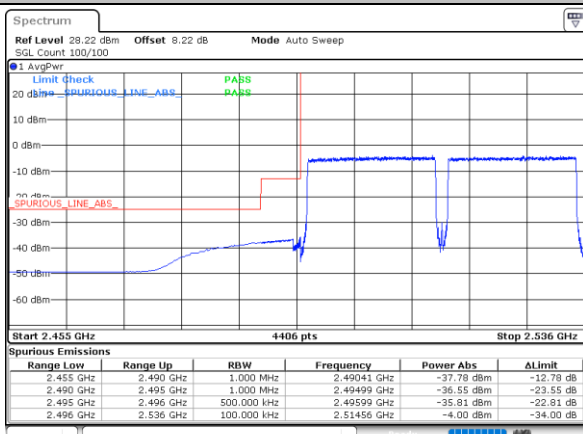
Lowest Band Edge / 1RB99 and 1RB0



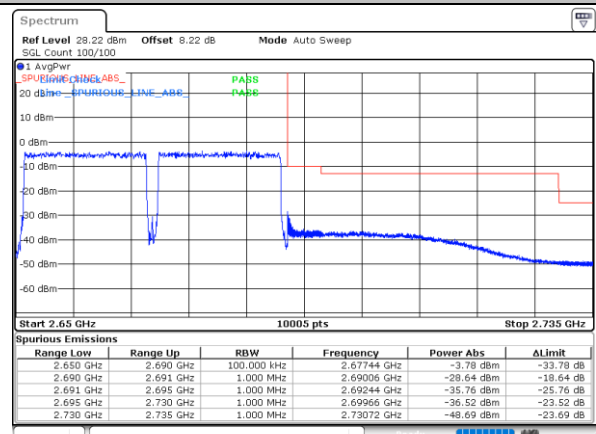
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

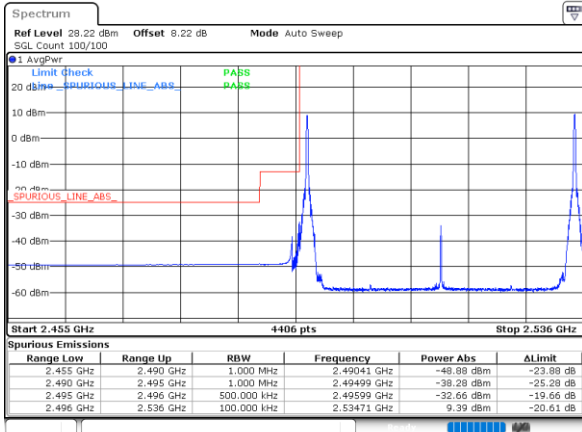




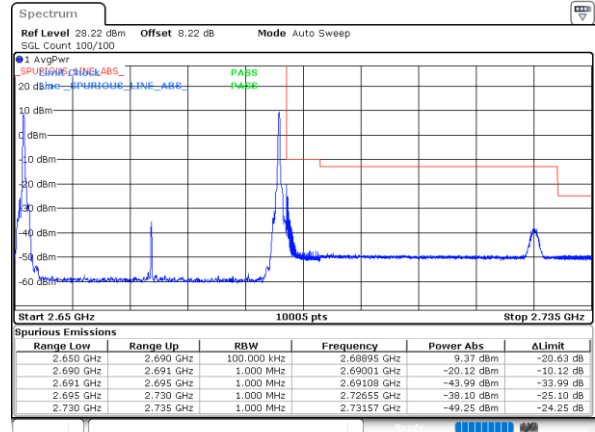
LTE Band 41C / 20MHz+20MHz

256QAM

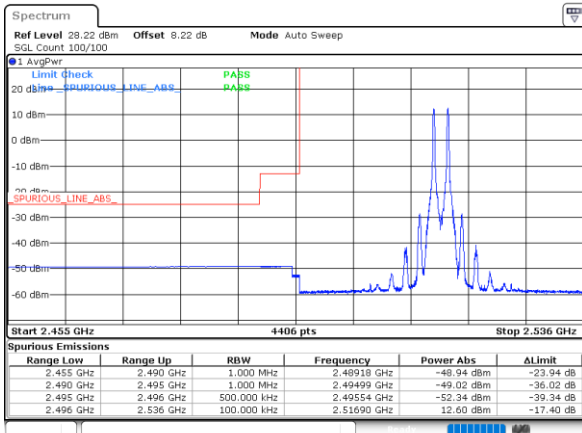
Lowest Band Edge / 1RB0 and 1RB99



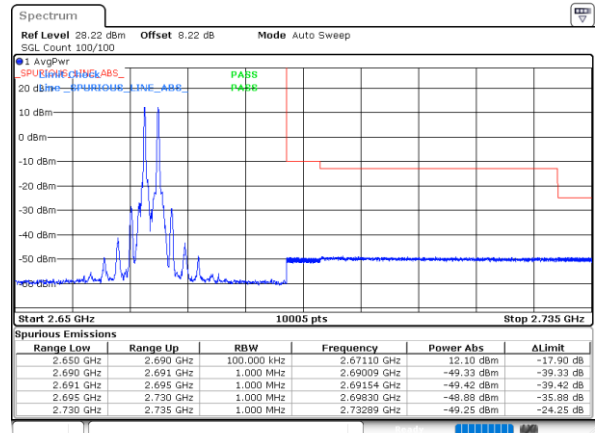
Highest Band Edge / 1RB0 and 1RB99



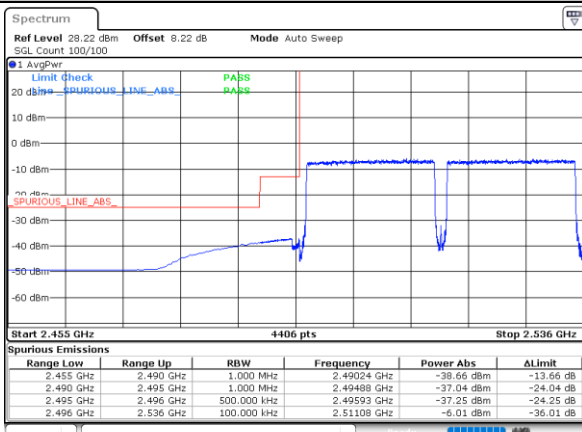
Lowest Band Edge / 1RB99 and 1RB0



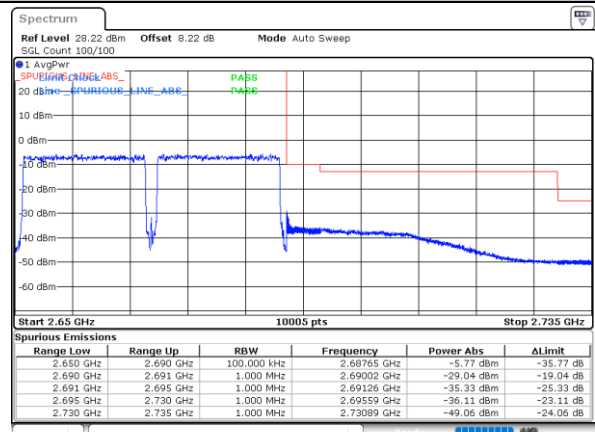
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

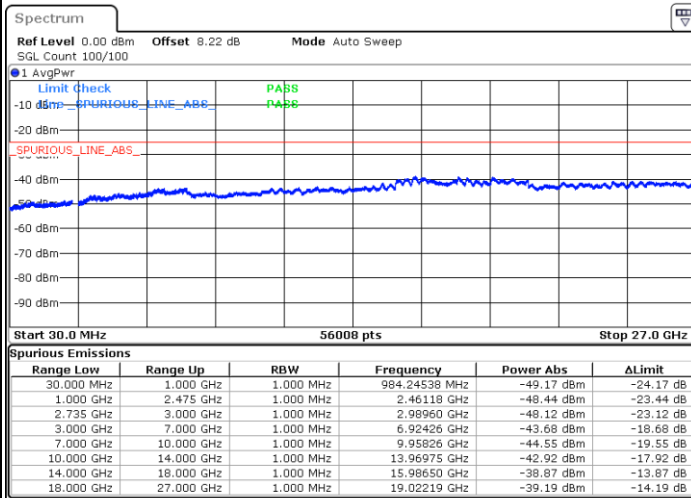




Conducted Spurious Emission

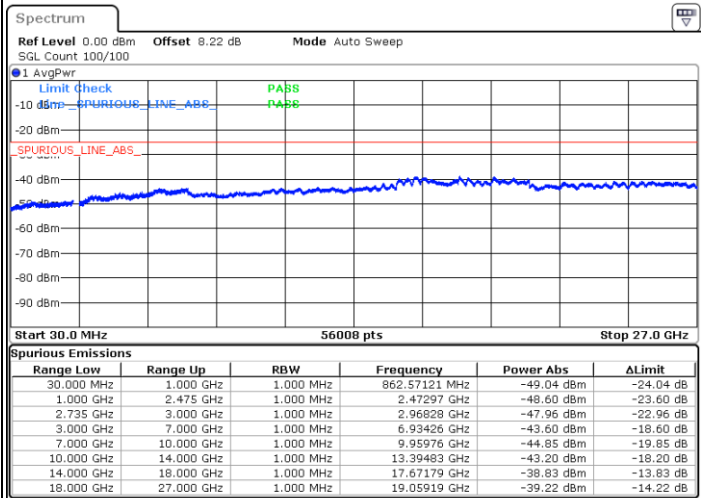
LTE Band 41C / 5MHz+20MHz

Lowest Channel / QPSK



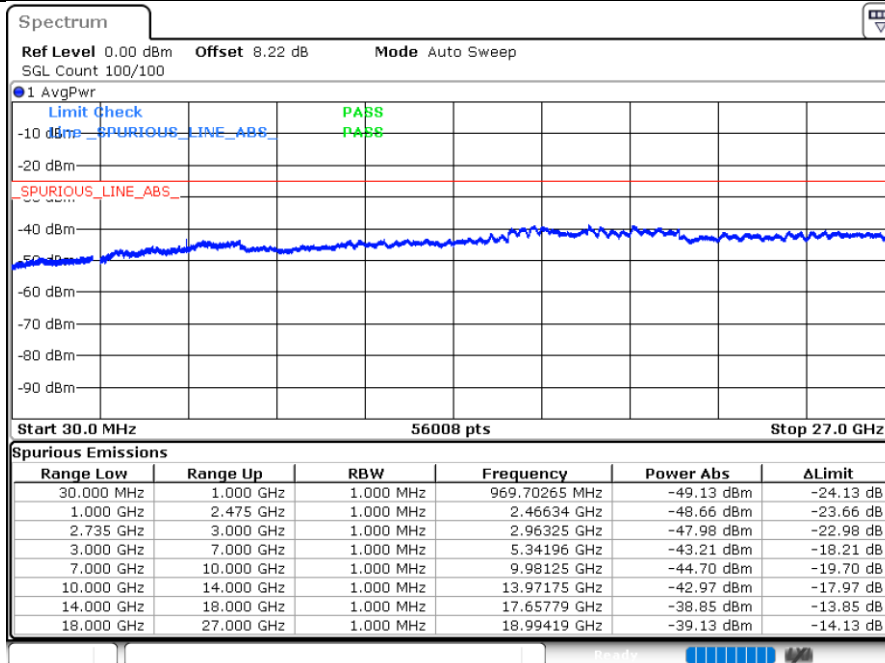
Date: 1.AUG.2024 16:52:25

Middle Channel / QPSK



Date: 1.AUG.2024 17:08:48

Highest Channel / QPSK

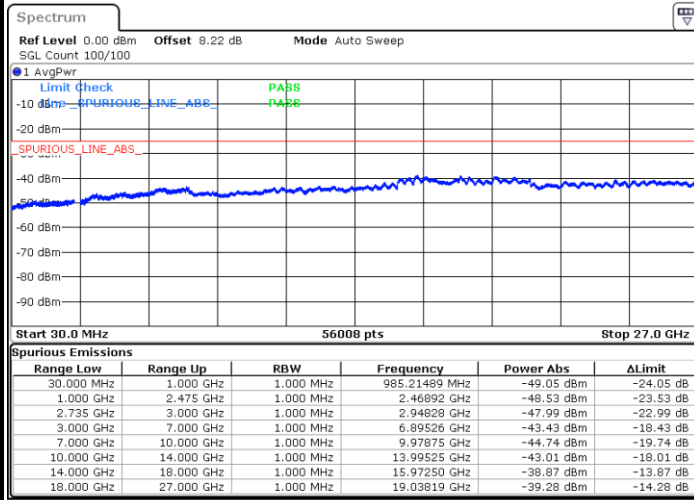


Date: 1.AUG.2024 17:15:49



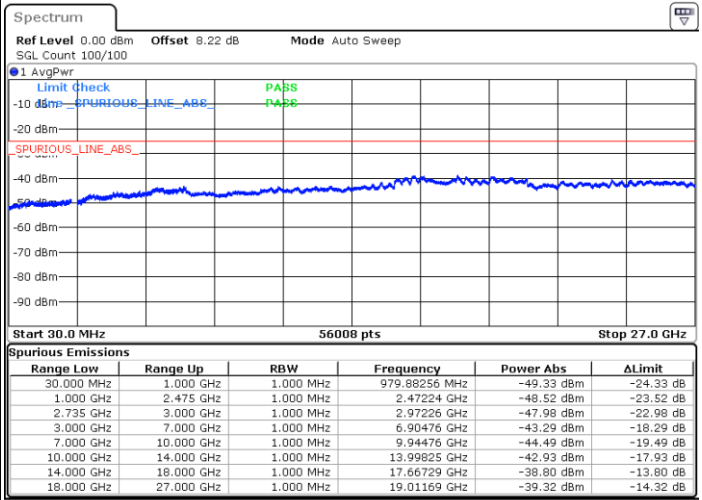
LTE Band 41C / 10MHz+15MHz

Lowest Channel / QPSK



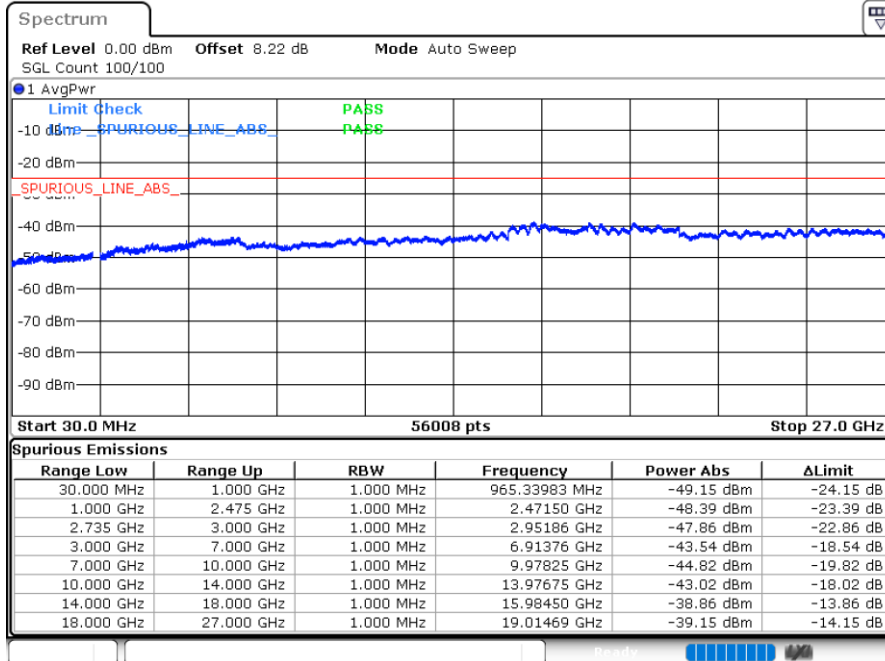
Date: 1.AUG.2024 17:32:09

Middle Channel / QPSK



Date: 1.AUG.2024 17:49:05

Highest Channel / QPSK



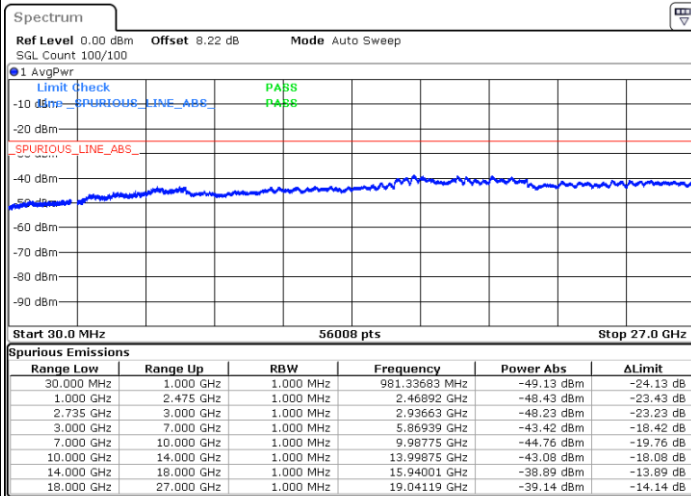
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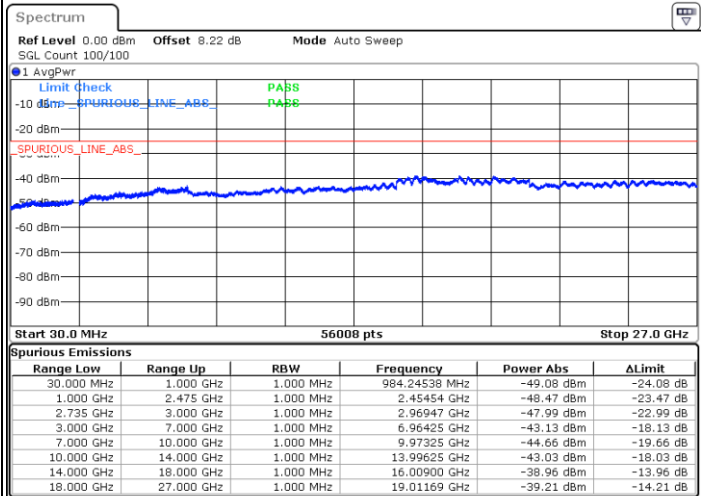
LTE Band 41C / 10MHz+20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

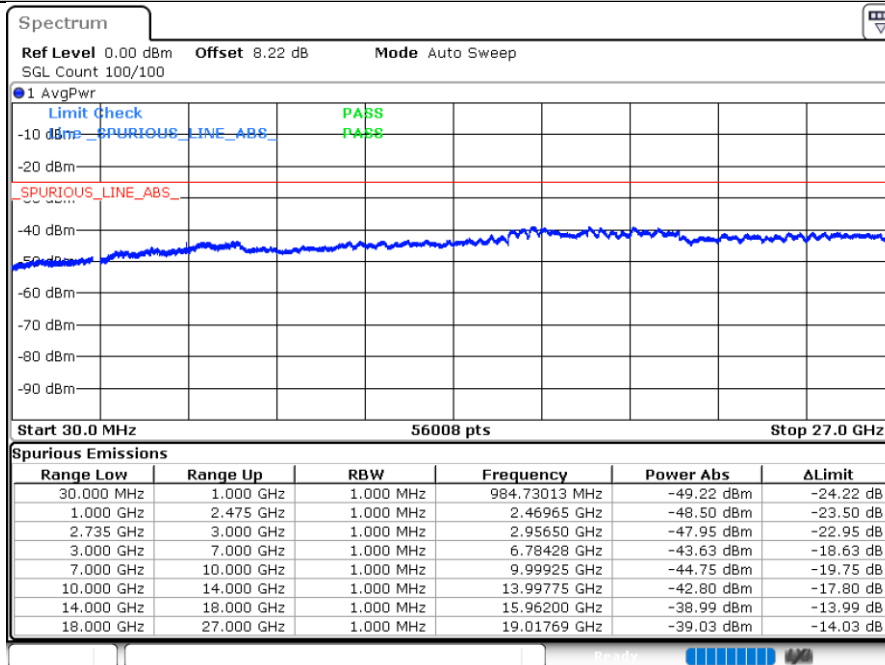


Date: 1.AUG.2024 18:12:24



Date: 1.AUG.2024 18:28:43

Highest Channel / QPSK



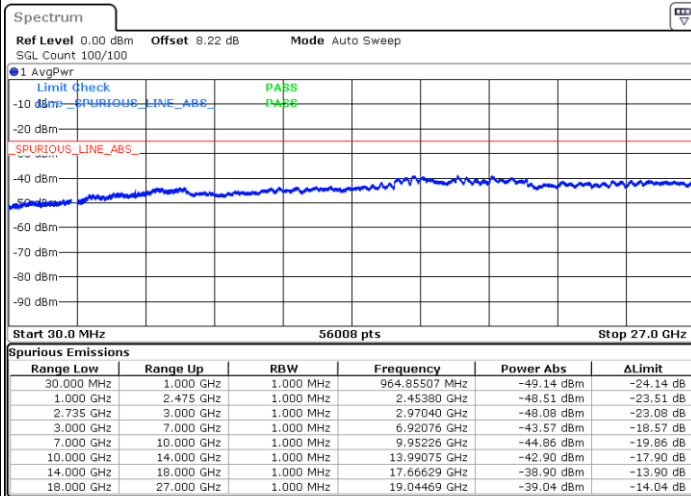
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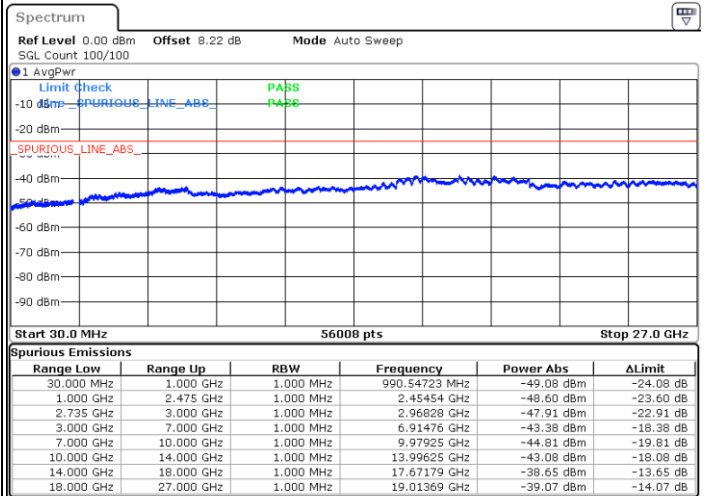
LTE Band 41C / 15MHz+10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

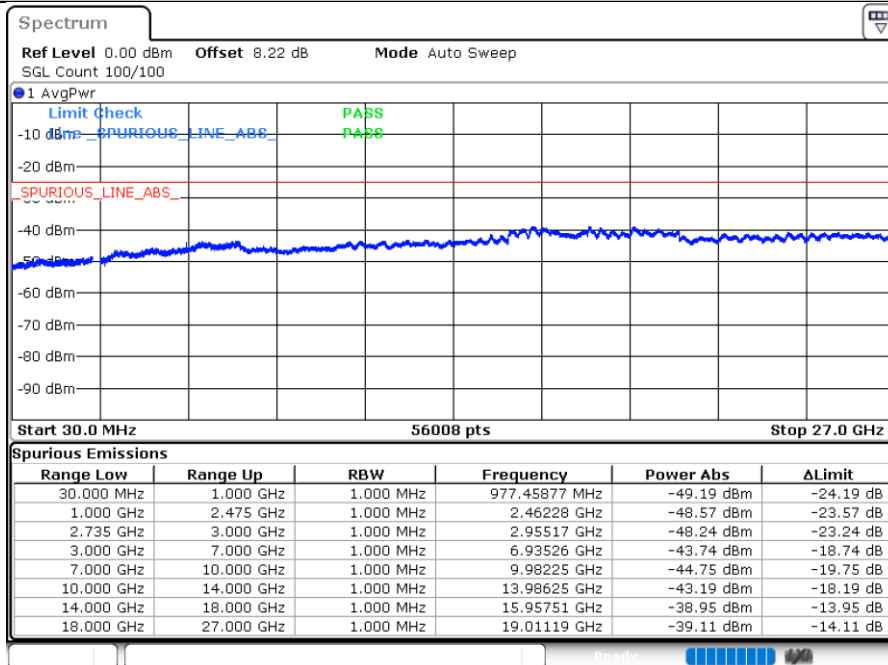


Date: 1.AUG.2024 18:52:46



Date: 1.AUG.2024 19:08:23

Highest Channel / QPSK



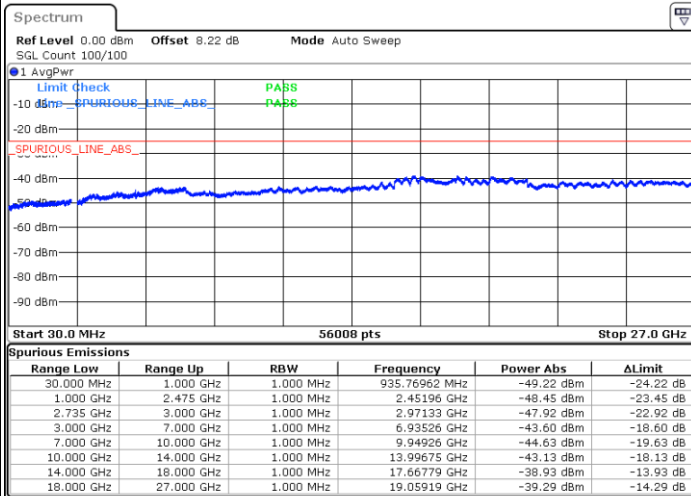
Date: 1.AUG.2024 19:12:25



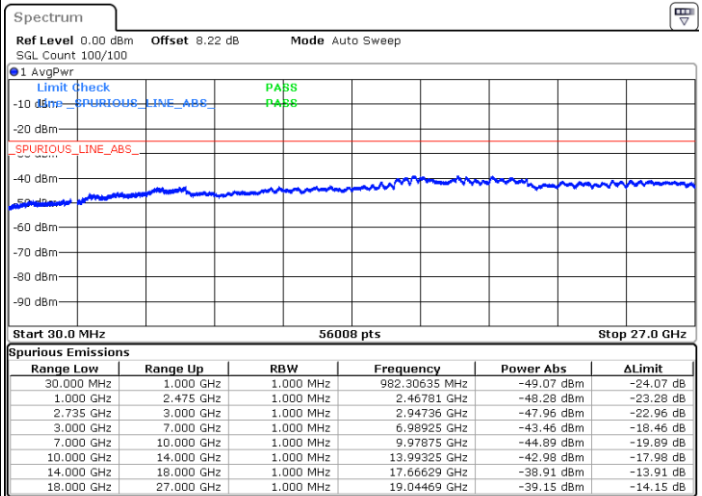
LTE Band 41C / 15MHz+15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

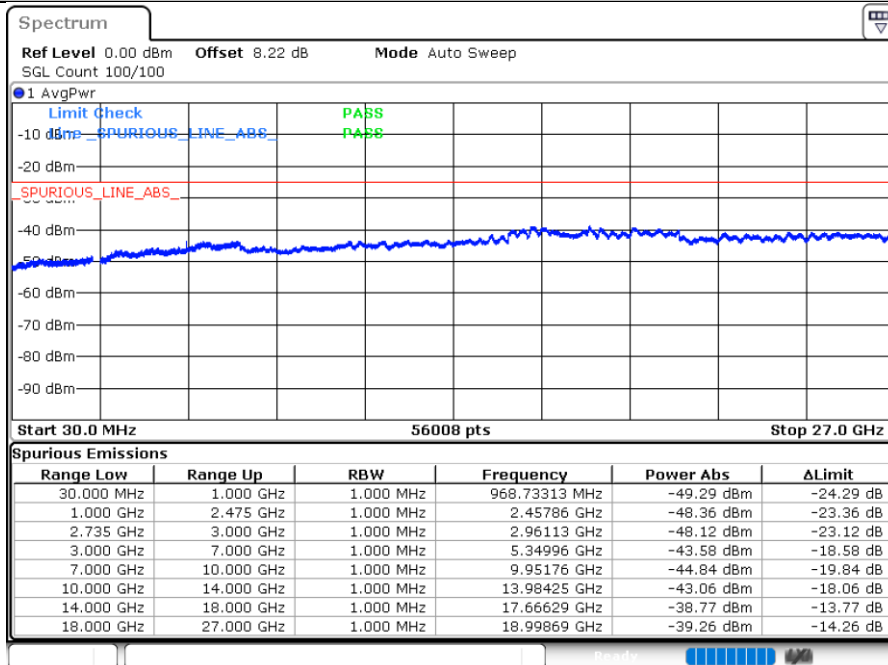


Date: 1.AUG.2024 19:25:50



Date: 1.AUG.2024 19:40:19

Highest Channel / QPSK

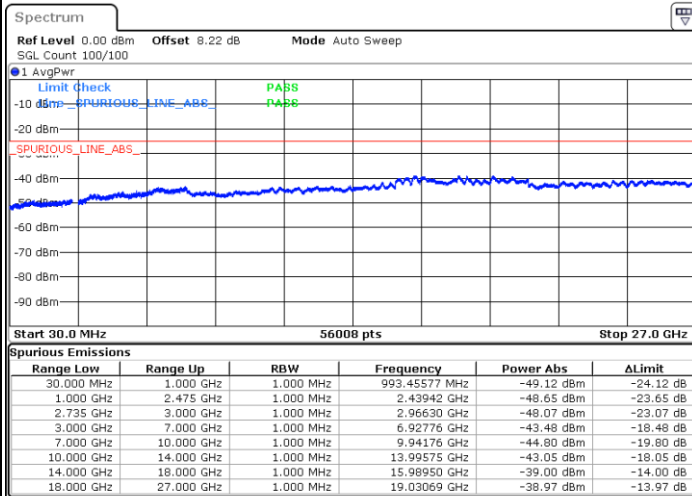


Date: 1.AUG.2024 19:45:45



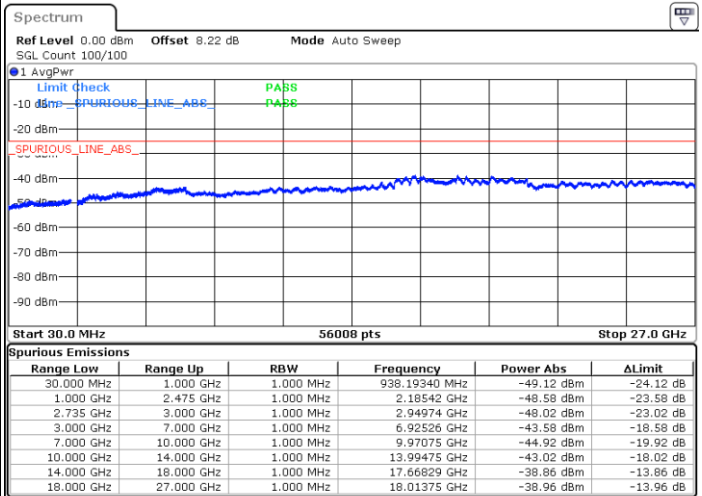
LTE Band 41C / 15MHz+20MHz

Lowest Channel / QPSK



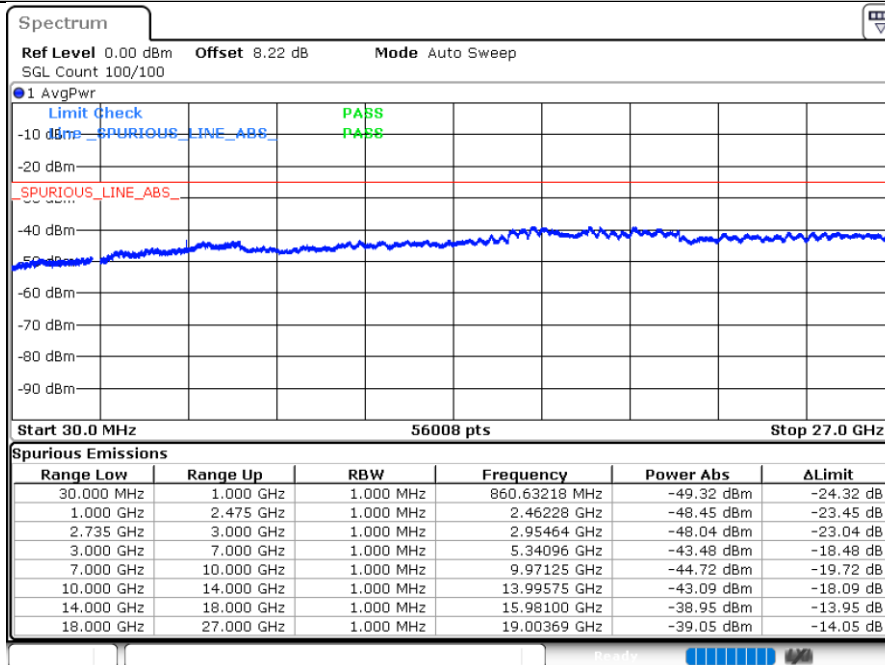
Date: 1.AUG.2024 20:00:57

Middle Channel / QPSK



Date: 1.AUG.2024 20:16:35

Highest Channel / QPSK

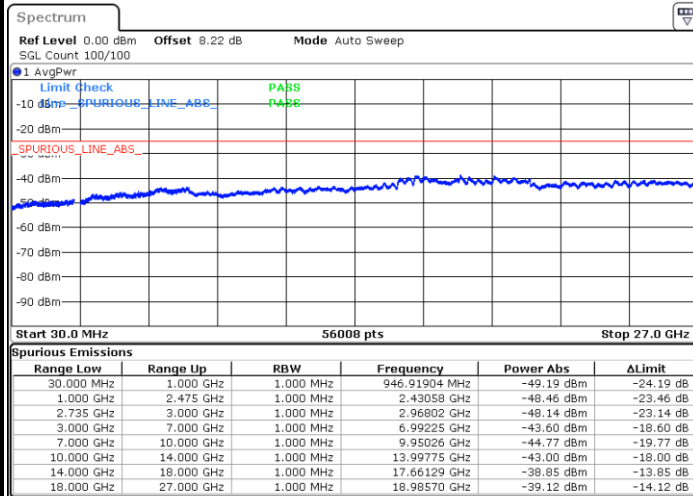


Date: 1.AUG.2024 20:22:11



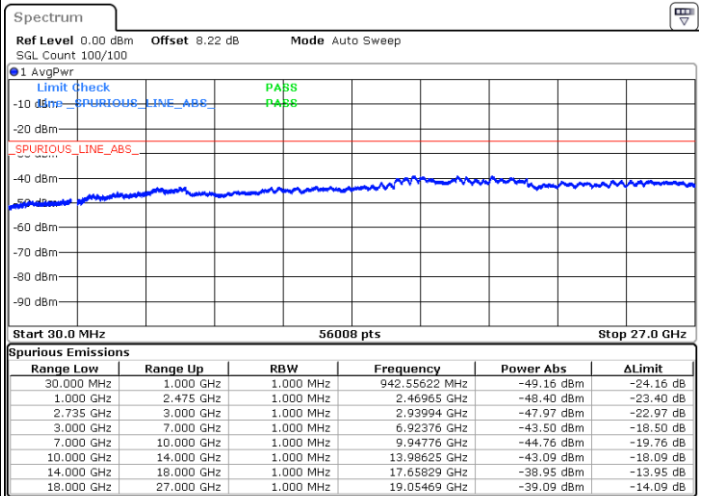
LTE Band 41C / 20MHz+5MHz

Lowest Channel / QPSK



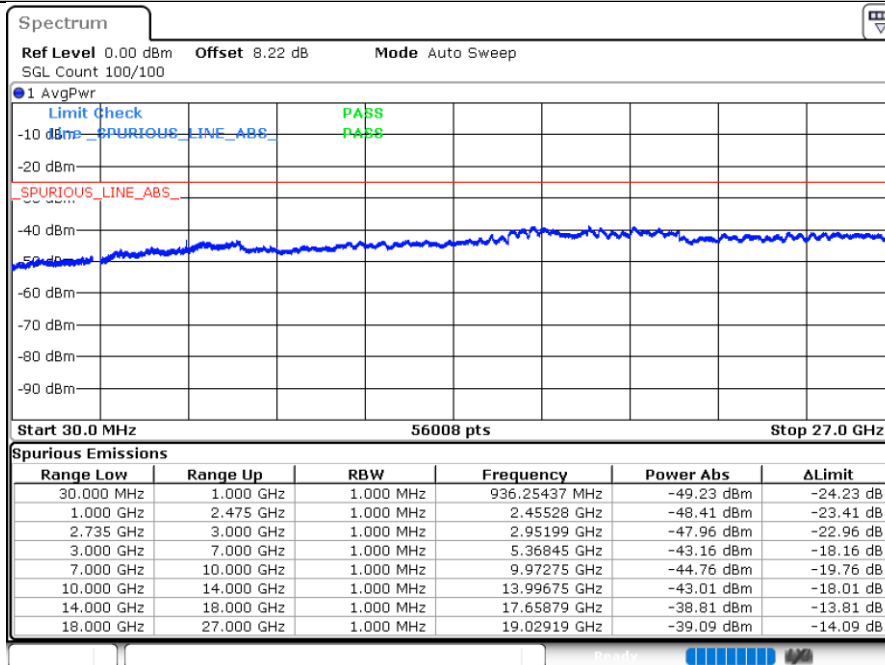
Date: 1.AUG.2024 20:37:07

Middle Channel / QPSK



Date: 1.AUG.2024 20:52:45

Highest Channel / QPSK



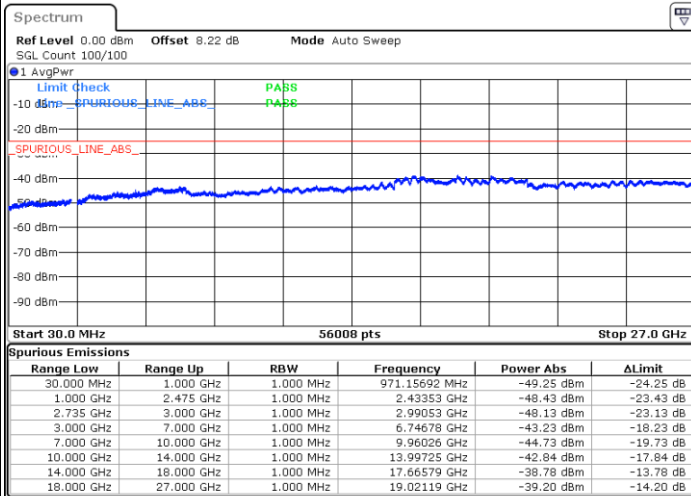
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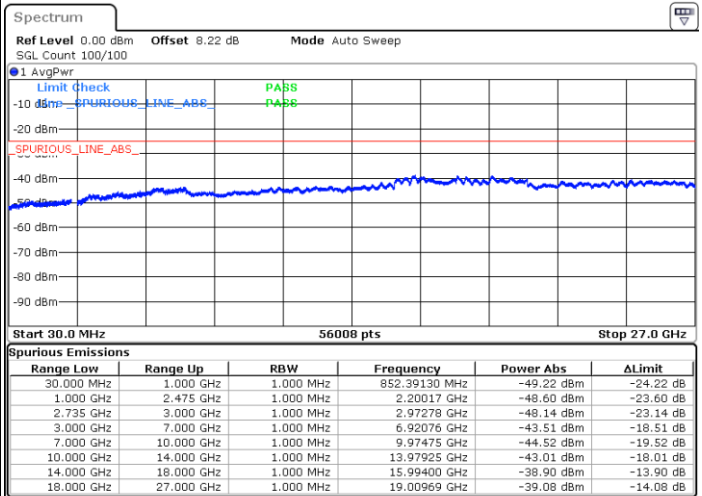
LTE Band 41C / 20MHz+10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

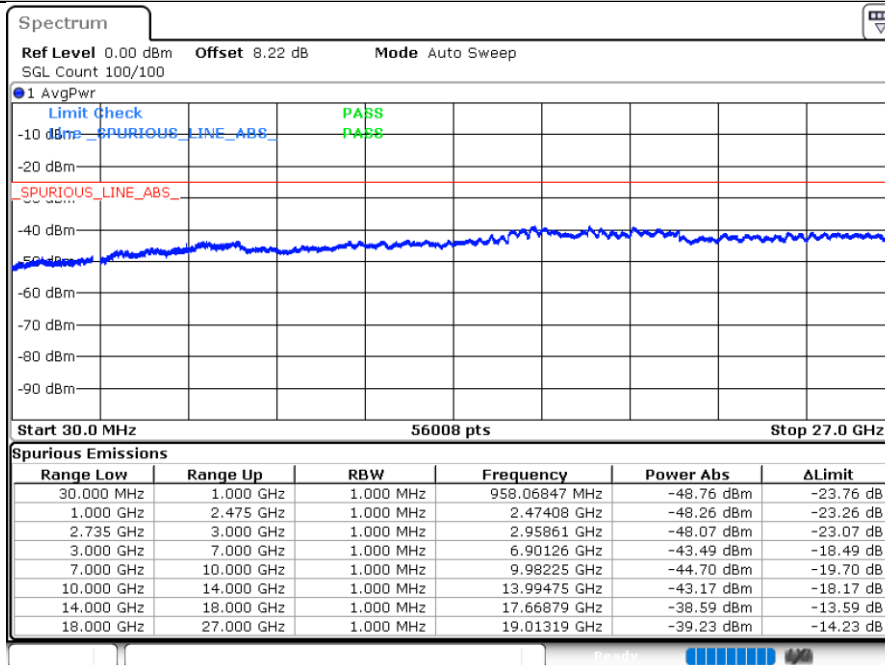


Date: 1.AUG.2024 21:11:48



Date: 1.AUG.2024 21:25:20

Highest Channel / QPSK



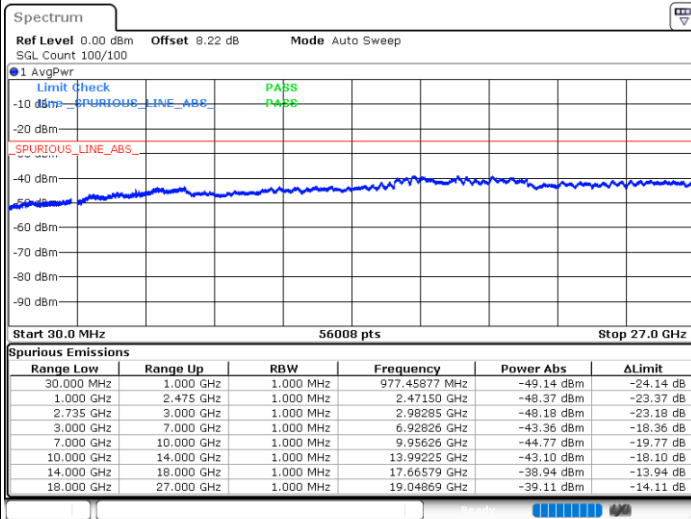
Date: 1.AUG.2024 21:30:56



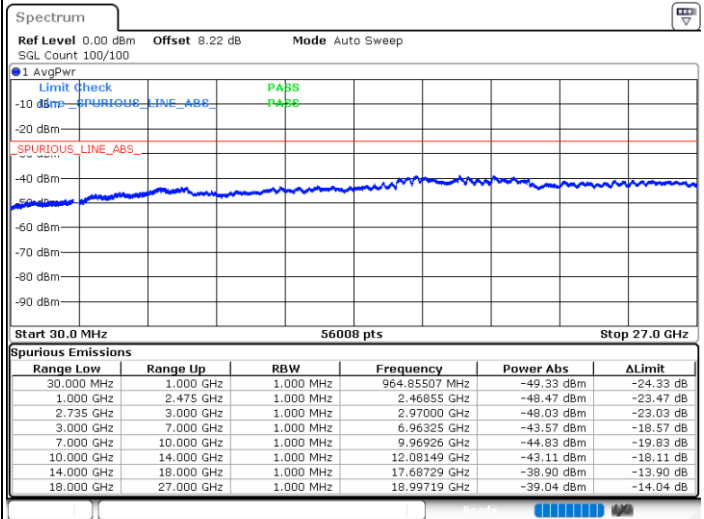
LTE Band 41C / 20MHz+15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

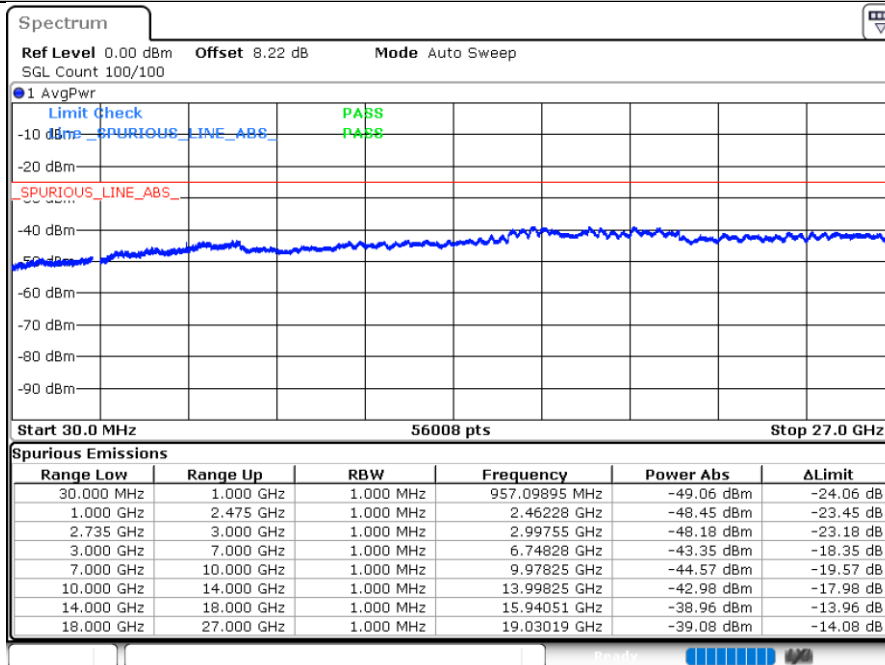


Date: 1.AUG.2024 21:44:23



Date: 1.AUG.2024 22:00:00

Highest Channel / QPSK



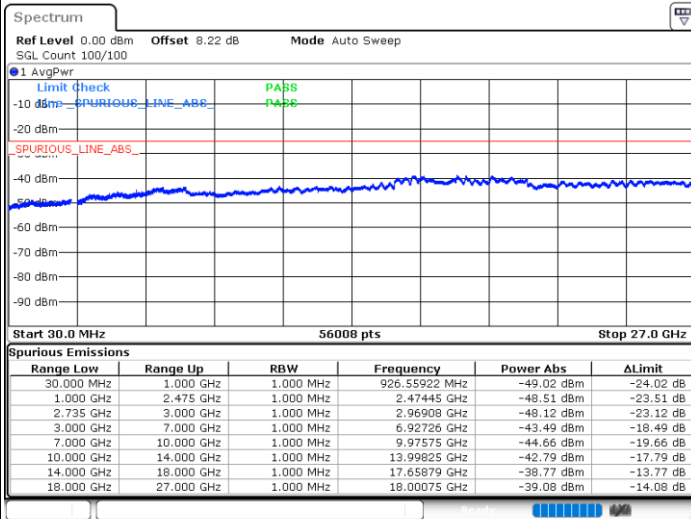
Date: 1.AUG.2024 22:05:36



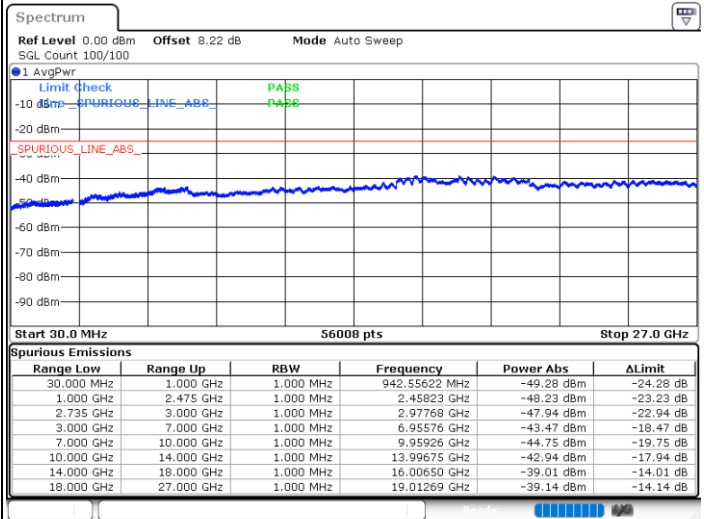
LTE Band 41C / 20MHz+20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

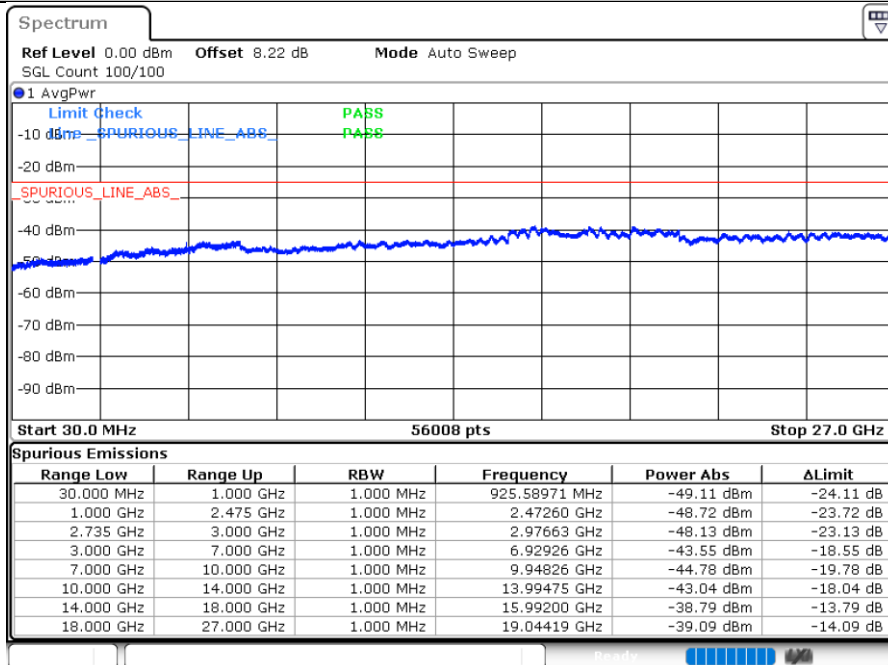


Date: 1.AUG.2024 22:19:01



Date: 1.AUG.2024 22:33:31

Highest Channel / QPSK



Date: 1.AUG.2024 22:38:57

Frequency Stability

Test Conditions		LTE Band 41C (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	0.0035	
30	Normal Voltage	0.0041	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0034	
0	Normal Voltage	0.0021	
-10	Normal Voltage	0.0034	
-20	Normal Voltage	0.0039	
-30	Normal Voltage	0.0027	
20	Maximum Voltage	0.0012	
20	Normal Voltage	0.0018	
20	Battery End Point	0.0029	

Note:

3. Normal Voltage =3.91 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.5 V.
4. 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 :	53~58%

RSE pretest all the supported Antennas, only the worst results are shown in the report.

LTE Band 41 / 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	5162	-43.99	-25	-18.99	-54.20	3.03	13.24	H
	7752	-33.06	-25	-8.06	-42.51	3.56	13.01	H
	10342	-46.68	-25	-21.68	-56.20	3.92	13.44	H
	5162	-53.00	-25	-28.00	-63.21	3.03	13.24	V
	7752	-33.83	-25	-8.83	-43.28	3.56	13.01	V
	10342	-43.87	-25	-18.87	-53.39	3.92	13.44	V

LTE Band 41C / 20MHz+20MH / 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 (PCC)	5148	-57.56	-25	-32.56	-67.77	3.03	13.24	H
	7724	-49.97	-25	-24.97	-59.42	3.56	13.01	H
	10300	-51.89	-25	-26.89	-61.41	3.92	13.44	H
	5148	-60.98	-25	-35.98	-71.19	3.03	13.24	V
	7724	-50.46	-25	-25.46	-59.91	3.56	13.01	V
	10300	-51.85	-25	-26.85	-61.37	3.92	13.44	V
Middle (SCC)	5190	-60.15	-25	-35.15	-70.36	3.03	13.24	H
	7780	-52.79	-25	-27.79	-62.24	3.56	13.01	H
	10370	-51.50	-25	-26.50	-61.02	3.92	13.44	H
	5190	-62.20	-25	-37.20	-72.41	3.03	13.24	V
	7780	-56.29	-25	-31.29	-65.74	3.56	13.01	V
	10370	-52.19	-25	-27.19	-61.71	3.92	13.44	V

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