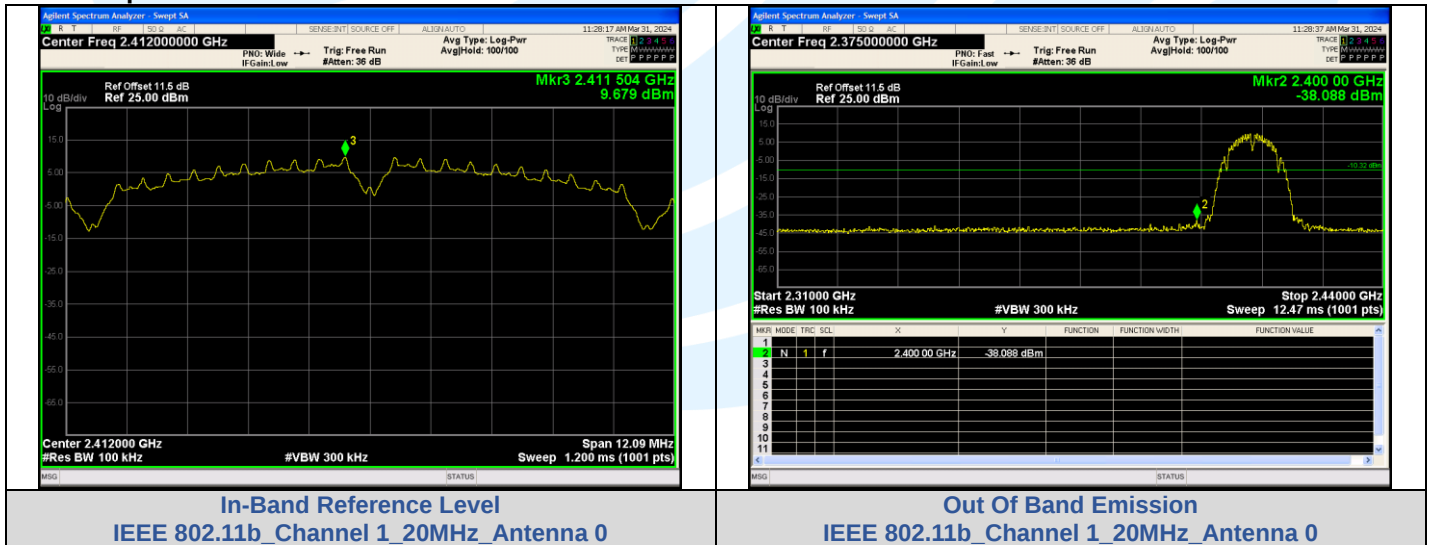
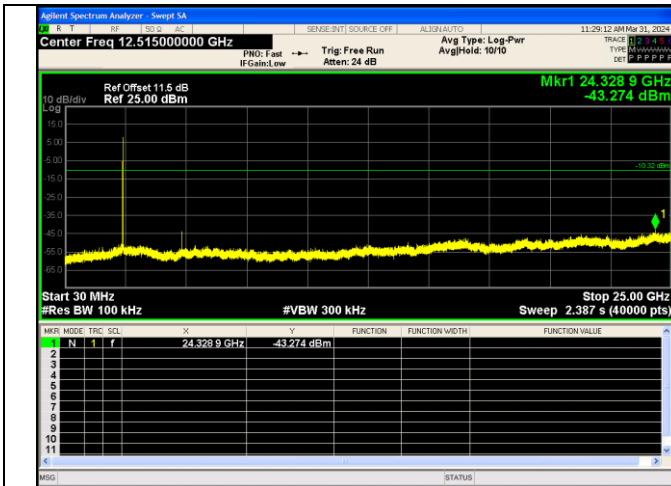


A.3 CONDUCTED OUT OF BAND EMISSION

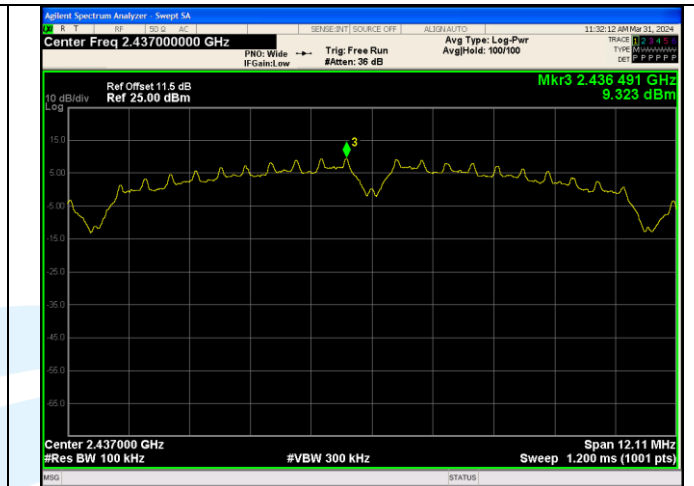
Mode	Channel	RU & Index	Ant.	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
IEEE 802.11b	1	N/A	0	2400.00	-38.088	-10.32	-27.768	PASS
	6			24328.9	-43.274	-10.32	-32.954	PASS
	11			4874.30	-43.219	-10.68	-32.539	PASS
				2483.50	-43.024	-11.03	-31.994	PASS
				4924.24	-42.822	-11.03	-31.792	PASS
IEEE 802.11g	1			2400.00	-36.811	-17.69	-19.121	PASS
	6			24848.3	-43.917	-17.69	-26.227	PASS
				24970.0	-43.388	-17.39	-25.998	PASS
				11	2483.50	-42.762	-17.39	-25.372
	IEEE 802.11n_20			11	24337.7	-43.423	-17.39	-26.033
2400.00					-35.192	-17.84	-17.352	PASS
24961.9					-43.874	-17.84	-26.034	PASS
24589.9					-44.241	-17.67	-26.571	PASS
2483.50					-41.698	-17.33	-24.368	PASS
IEEE 802.11n_40	3			24958.8	-44.010	-17.33	-26.680	PASS
				2400.00	-39.202	-19.97	-19.232	PASS
				2391.64	-38.421	-19.97	-18.451	PASS
				24566.8	-44.340	-19.97	-24.370	PASS
				24805.2	-43.301	-19.06	-24.241	PASS
IEEE 802.11ax_20	11			2483.50	-39.651	-19.54	-20.111	PASS
		24330.8	-43.255	-19.54	-23.715	PASS		
		2400.00	-37.455	-19.92	-17.535	PASS		
		24900.1	-43.926	-19.92	-24.006	PASS		
		24978.2	-43.887	-19.54	-24.347	PASS		
IEEE 802.11ax_40	9	2483.50	-43.238	-19.56	-23.678	PASS		
		24421.3	-44.044	-19.56	-24.485	PASS		
		2400.00	-37.864	-19.36	-18.504	PASS		
		2395.28	-35.569	-19.36	-16.209	PASS		
		24225.3	-43.512	-19.36	-24.152	PASS		
IEEE 802.11ax_40	9	24342.6	-43.971	-19.03	-24.941	PASS		
		2483.50	-41.216	-19.29	-21.926	PASS		
		24370.1	-43.758	-19.29	-24.468	PASS		

Test Graphs

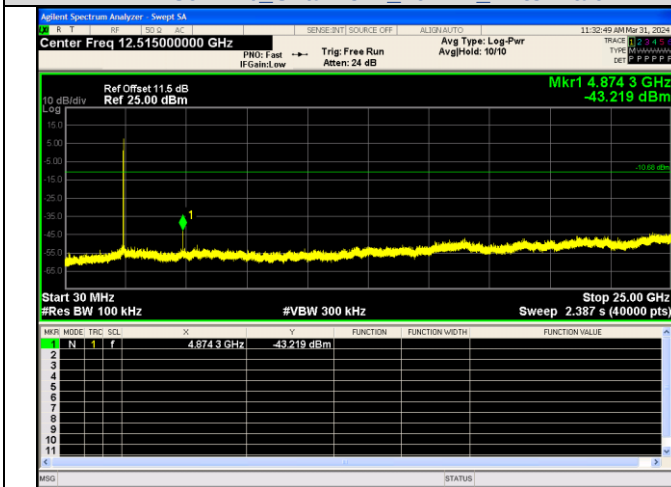




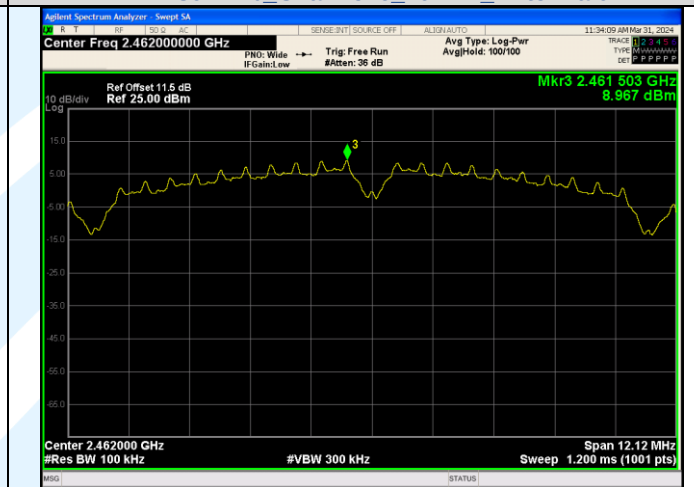
Spurious Emission
IEEE 802.11b Channel 1 20MHz_Antenna 0



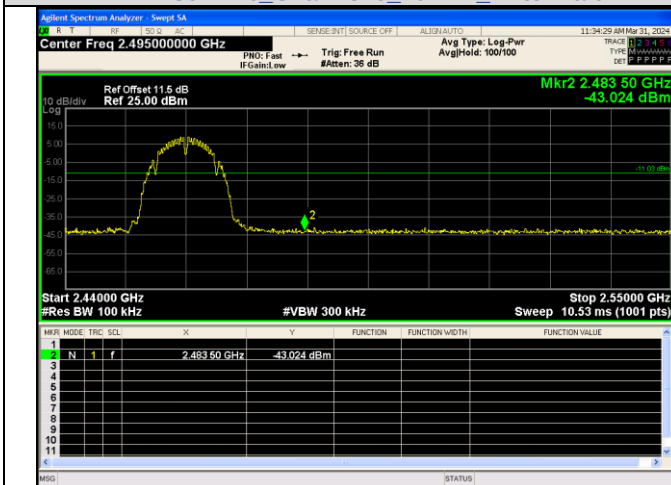
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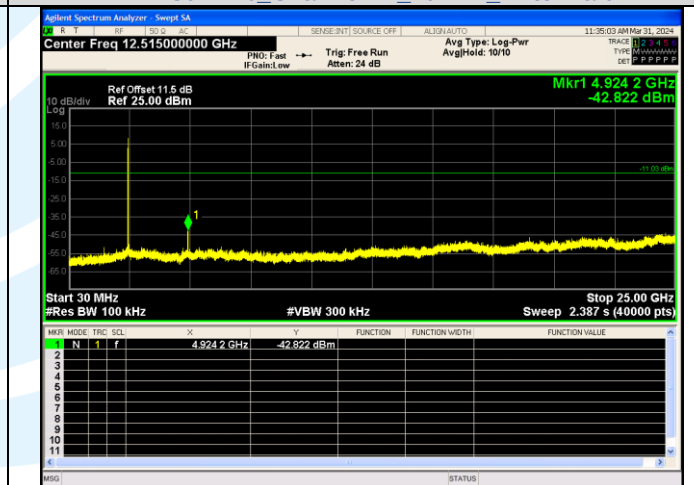
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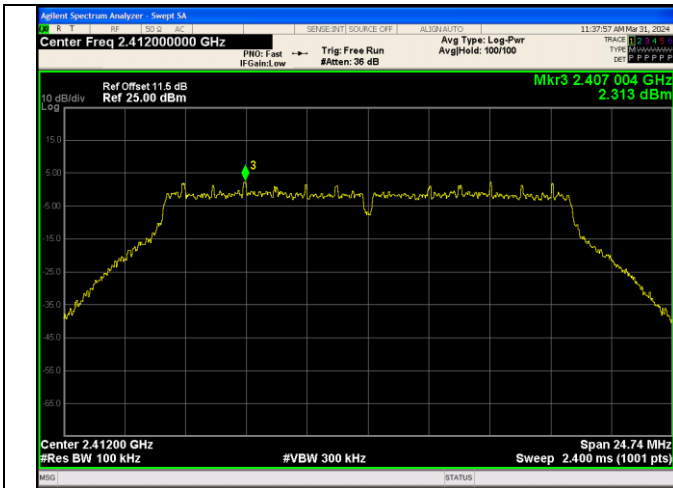
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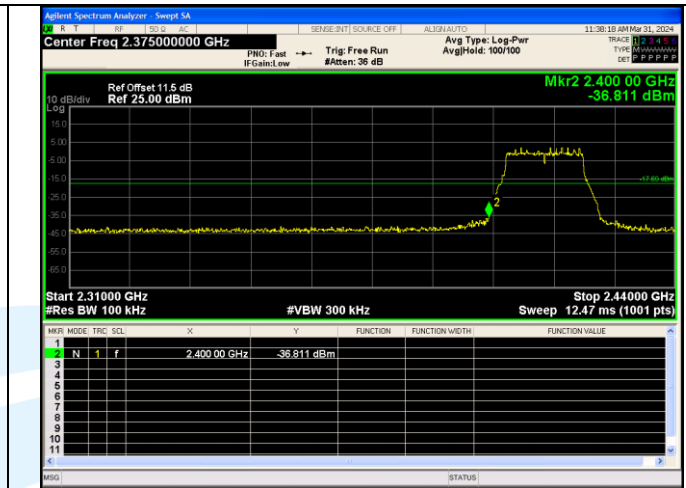
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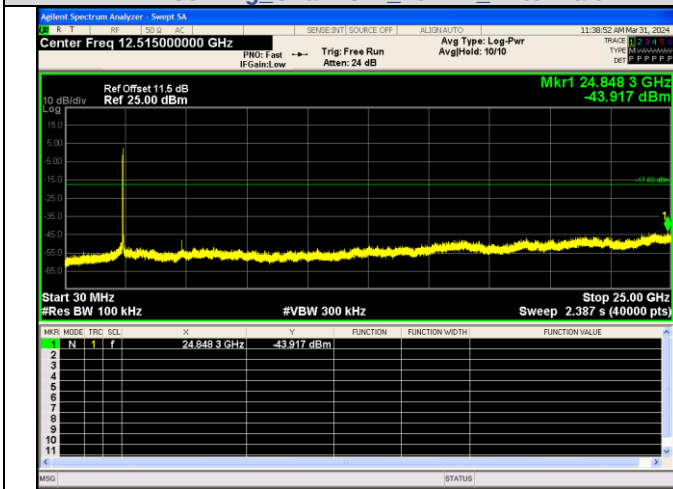
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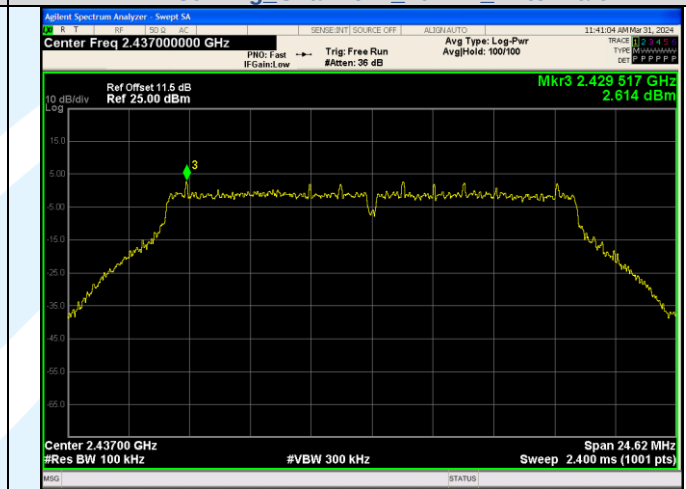
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IEEE 802.11g Channel 1 20MHz Antenna 0



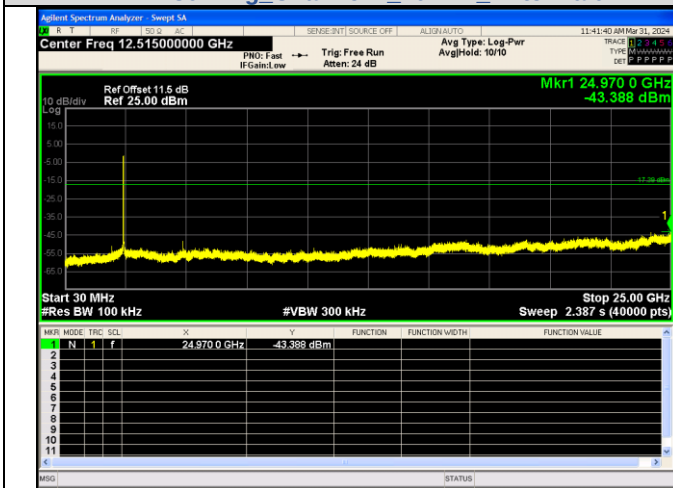
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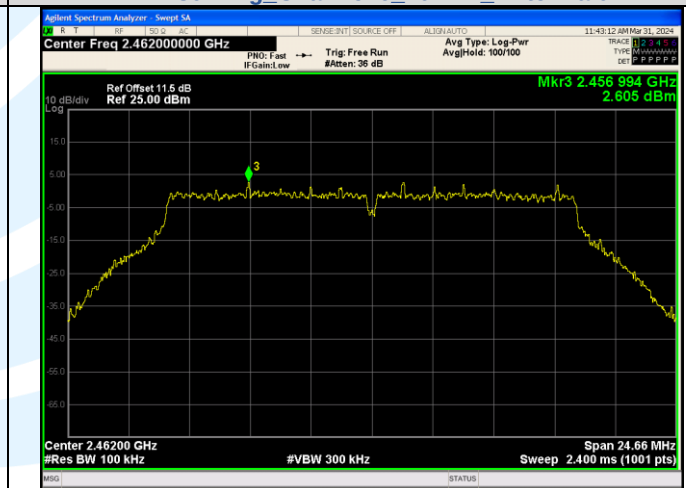
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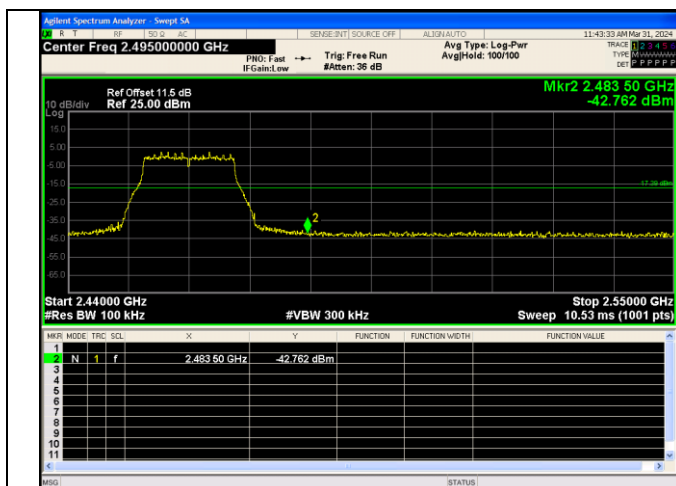
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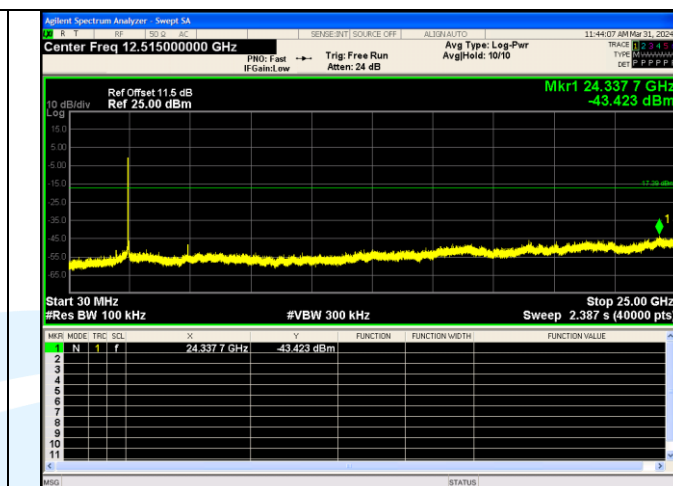
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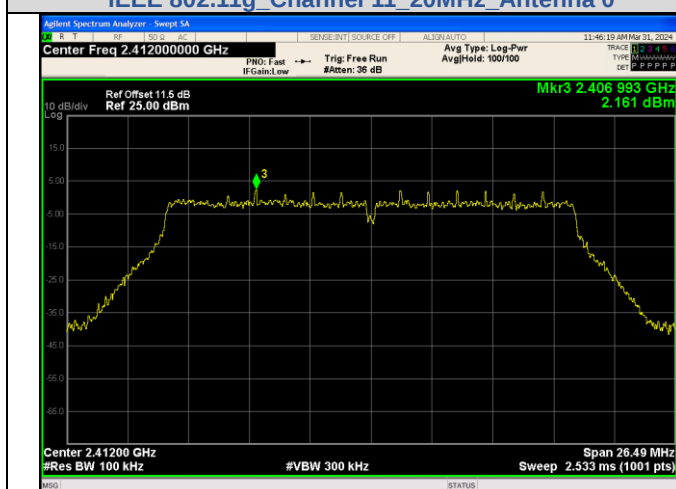
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IEEE 802.11g Channel 11 20MHz Antenna 0



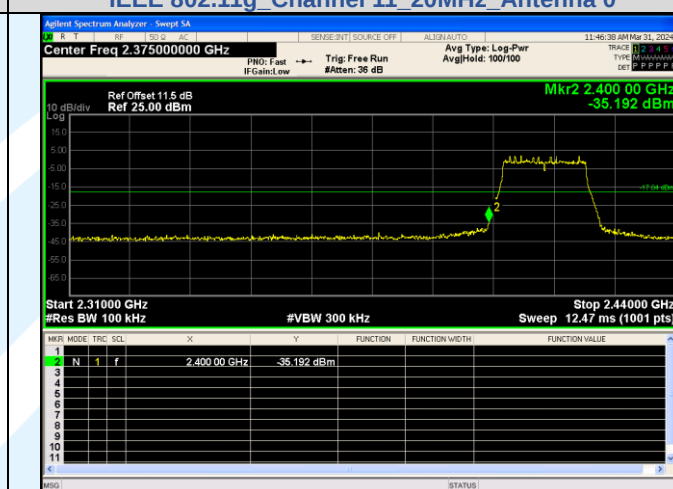
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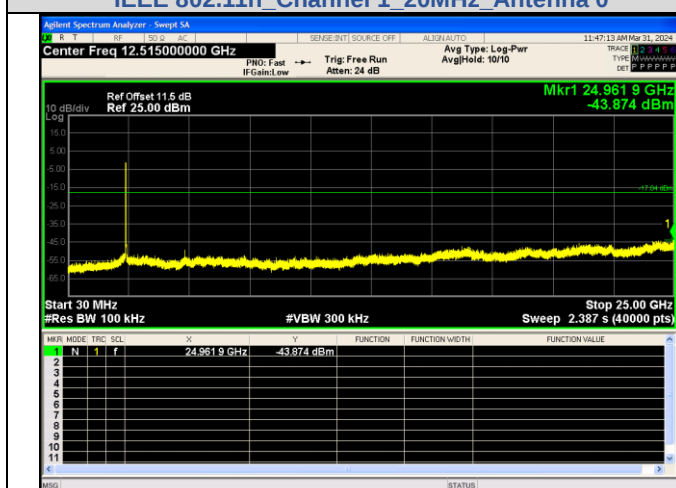
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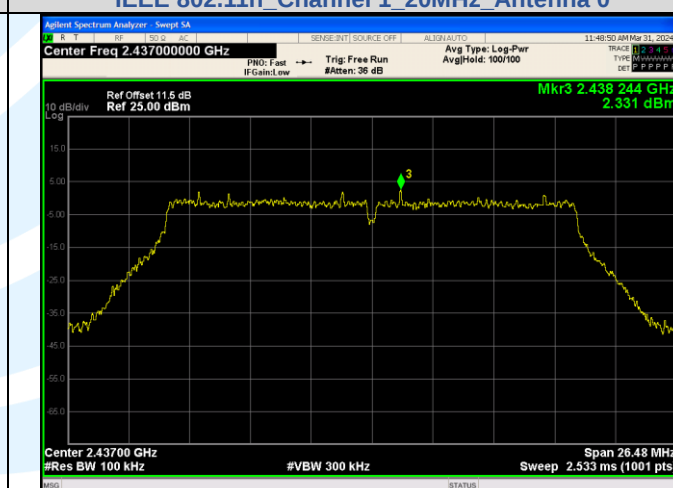
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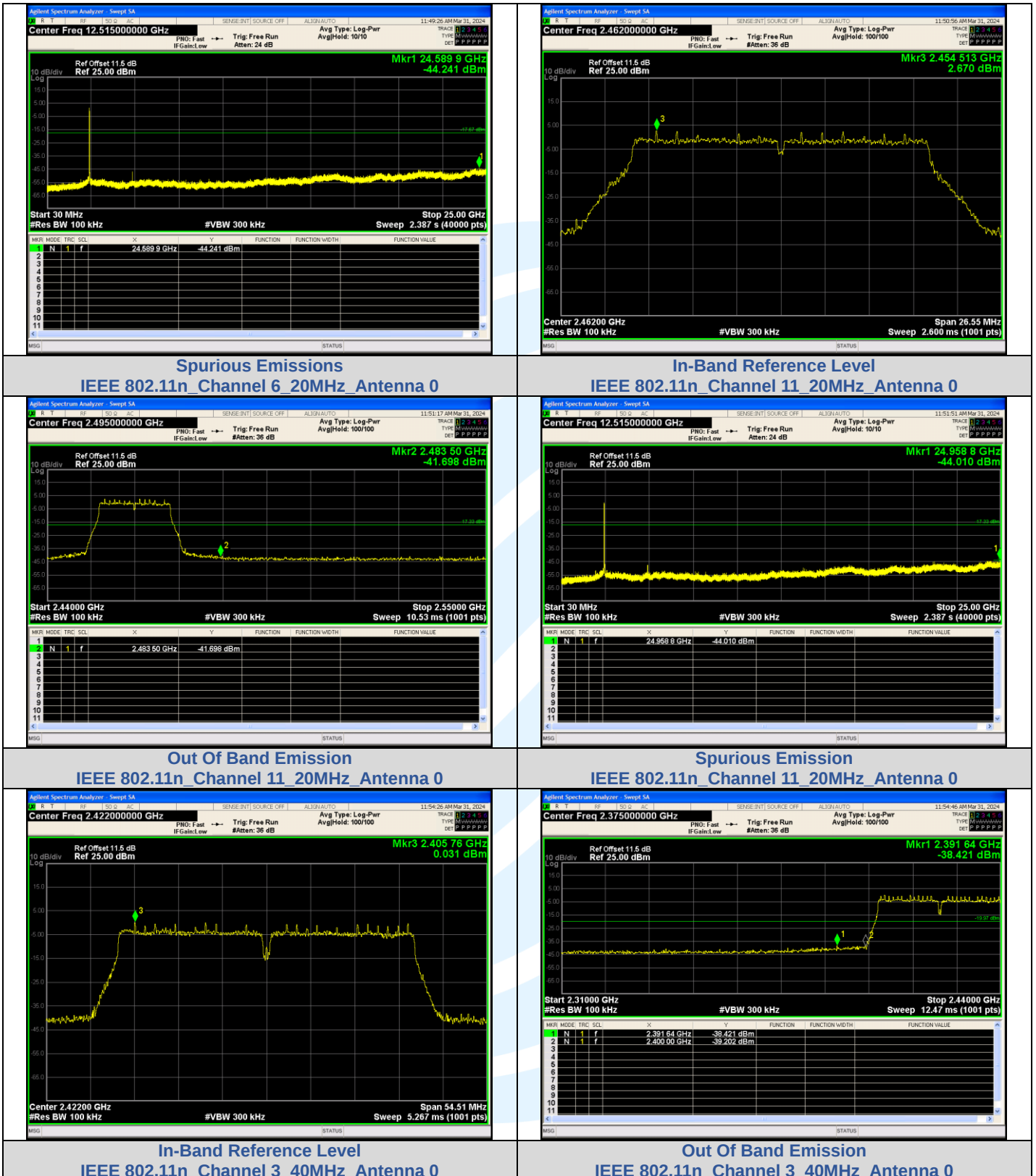
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IEEE 802.11n Channel 1 20MHz Antenna 0

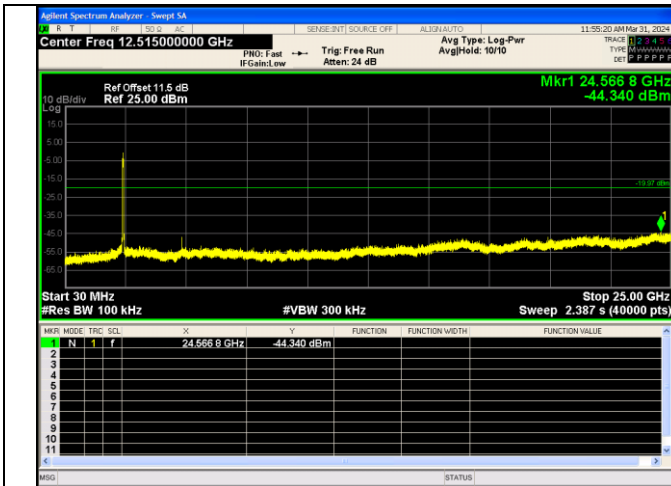


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IEEE 802.11n Channel 1 20MHz Antenna 0

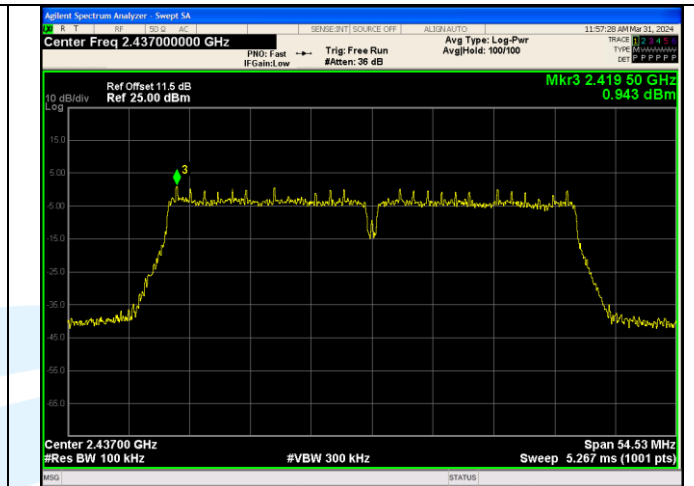


In-Band Reference Level
IEEE 802.11n Channel 6 20MHz Antenna 0

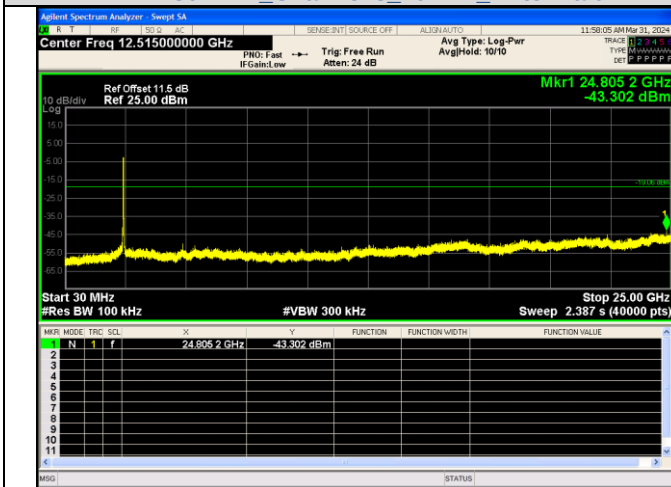




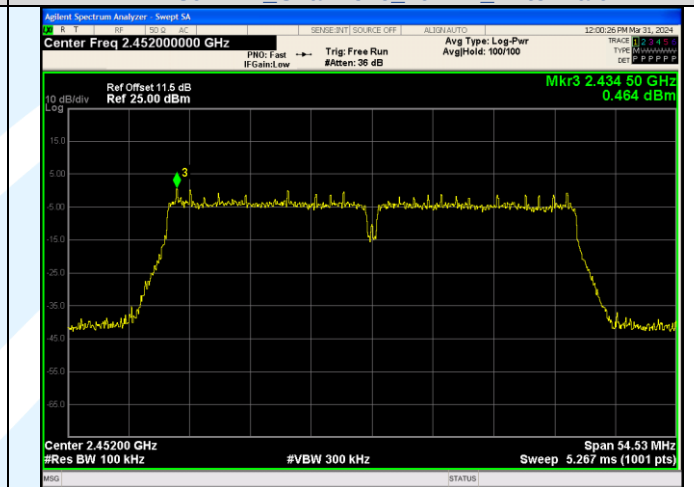
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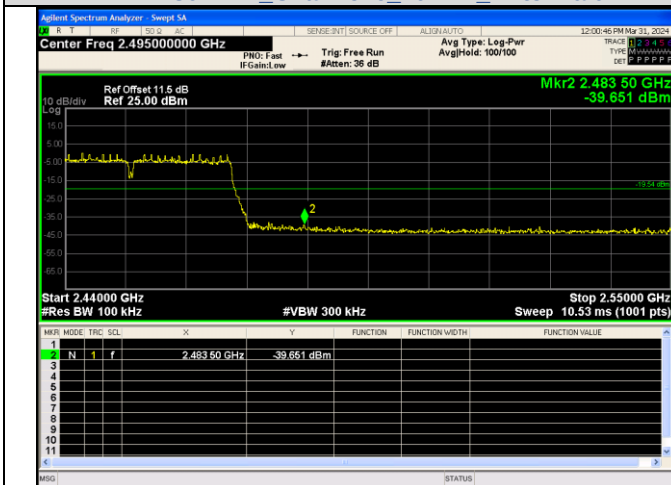
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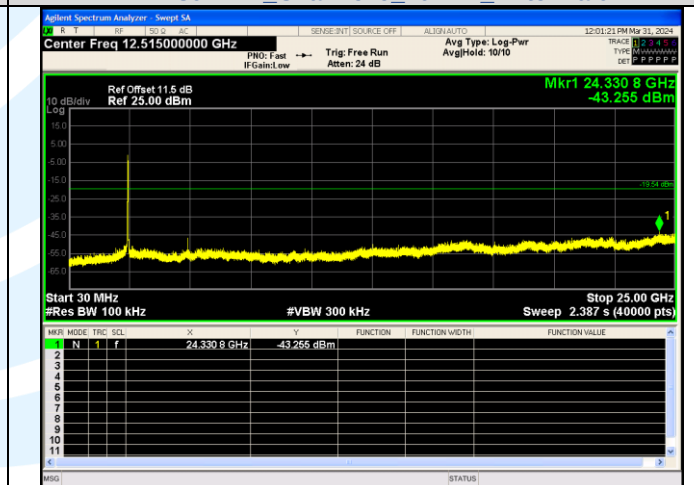
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IEEE 802.11n Channel 6 40MHz Antenna 0



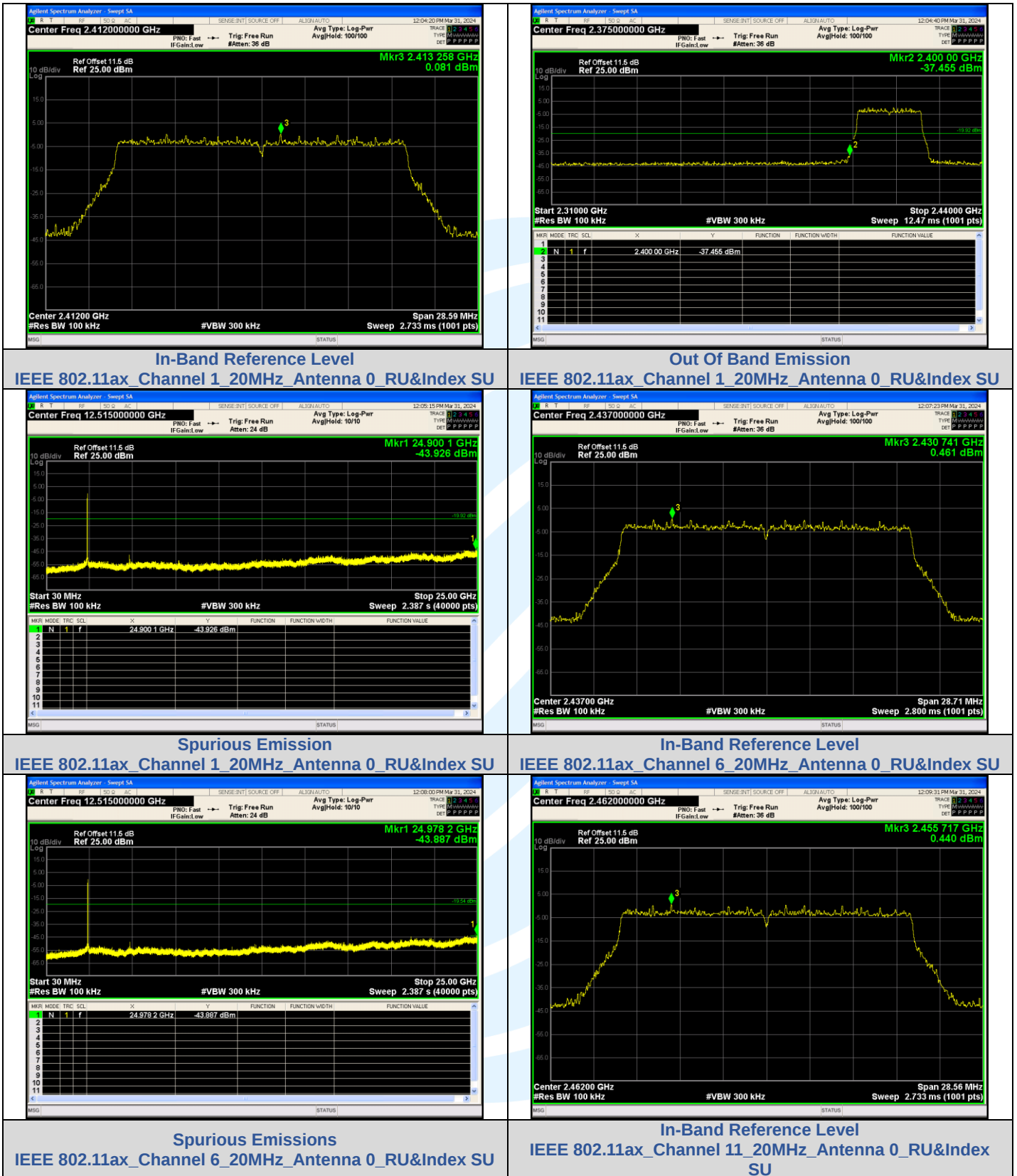
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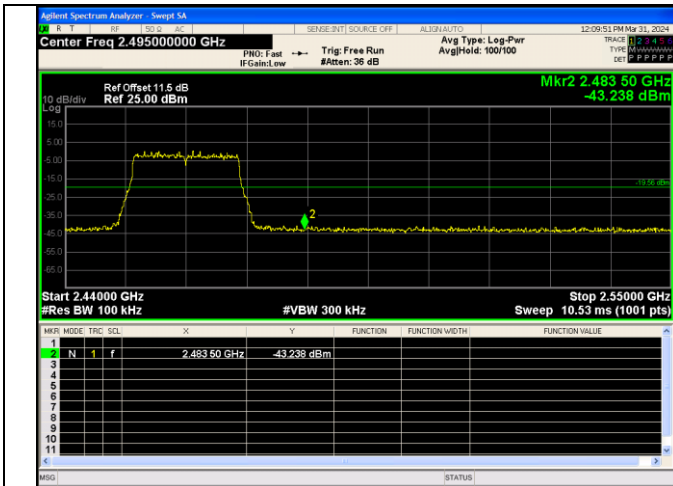


Out Of Band Emission
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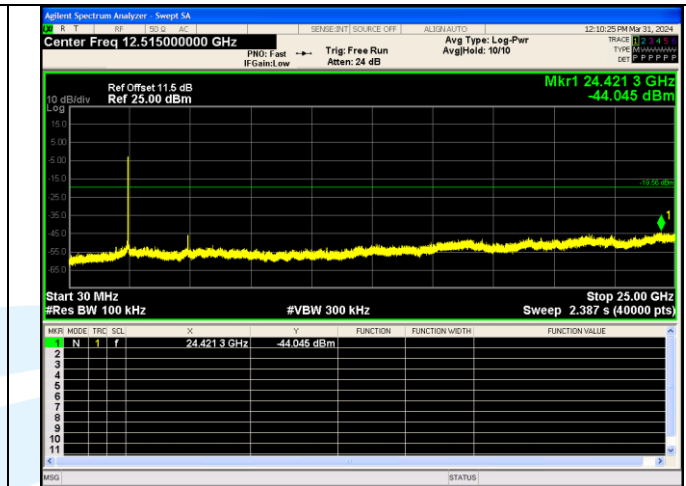


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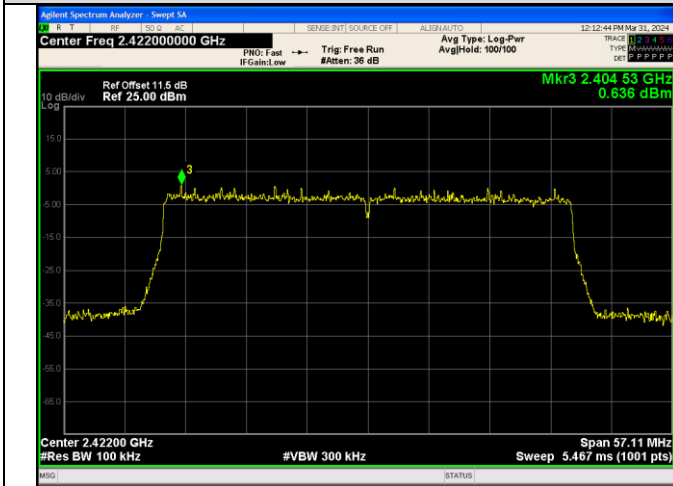




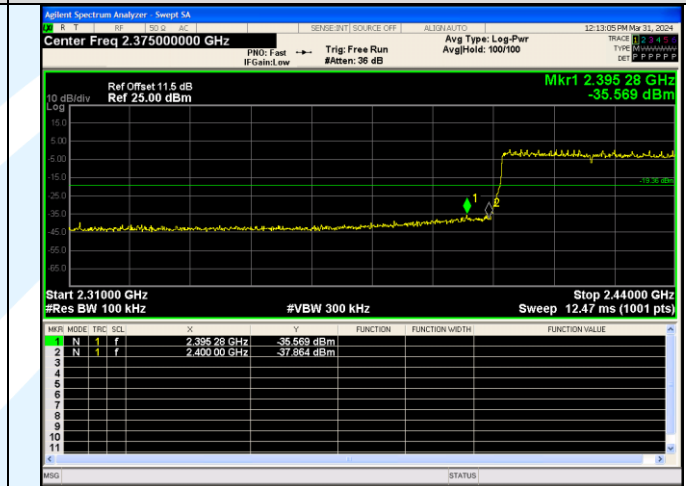
Out Of Band Emission
IEEE 802.11ax_Channel 11_20MHz_Antenna 0_RU&Index SU



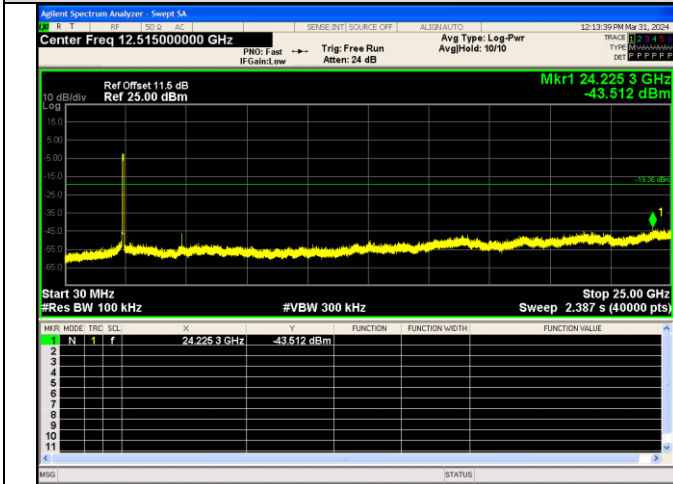
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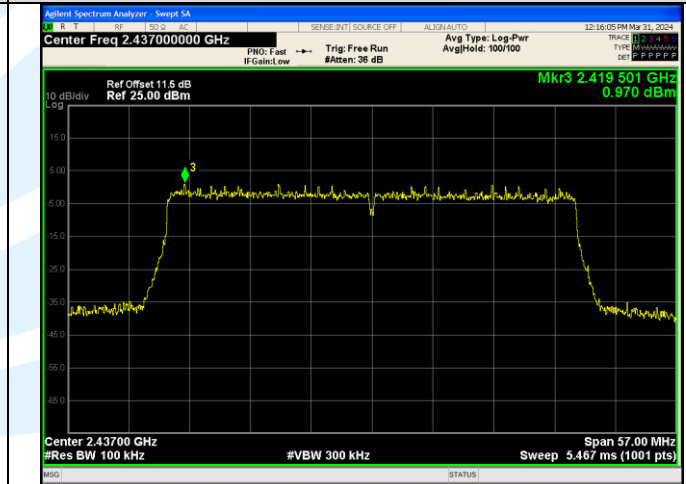
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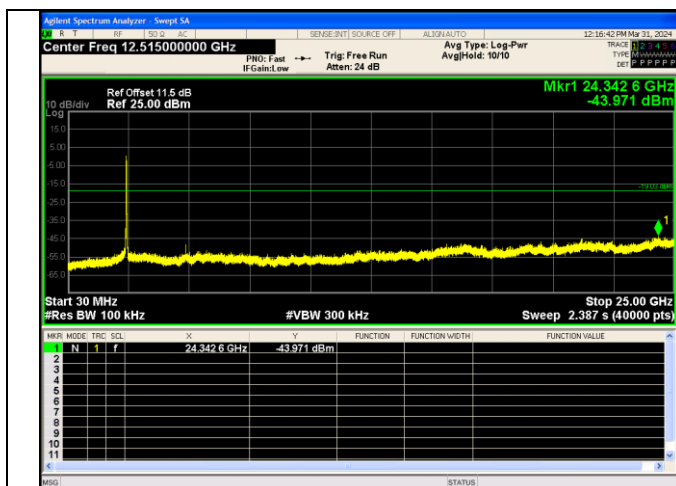
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IEEE 802.11ax_Channel 3_40MHz_Antenna 0_RU&Index SU



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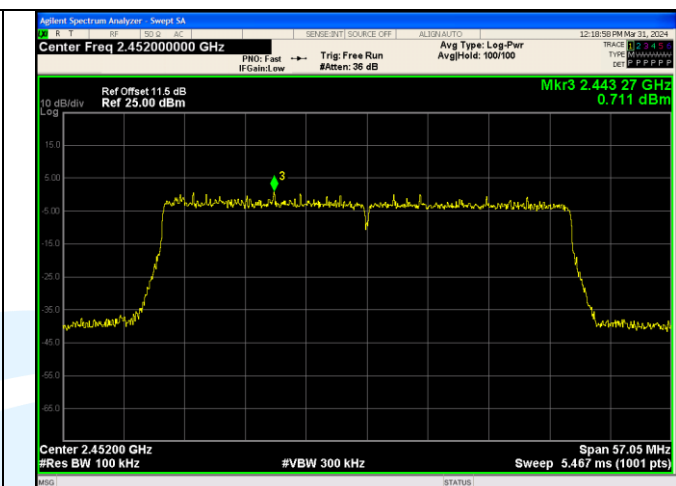


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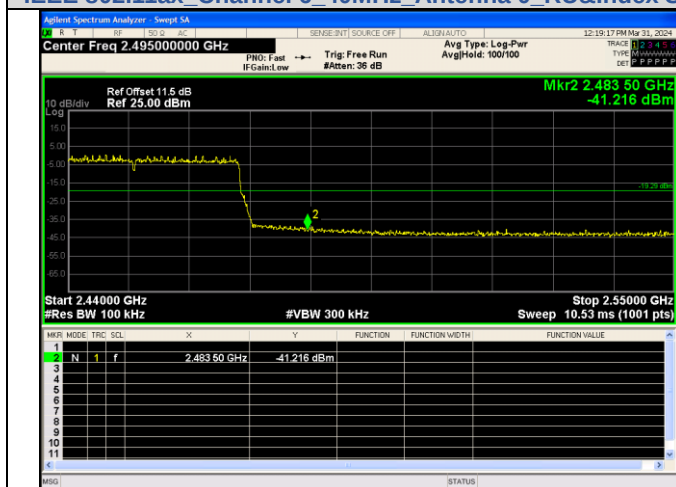
Spurious Emissions

IEEE 802.11ax Channel 6 40MHz_Antenna 0_RU&Index SU



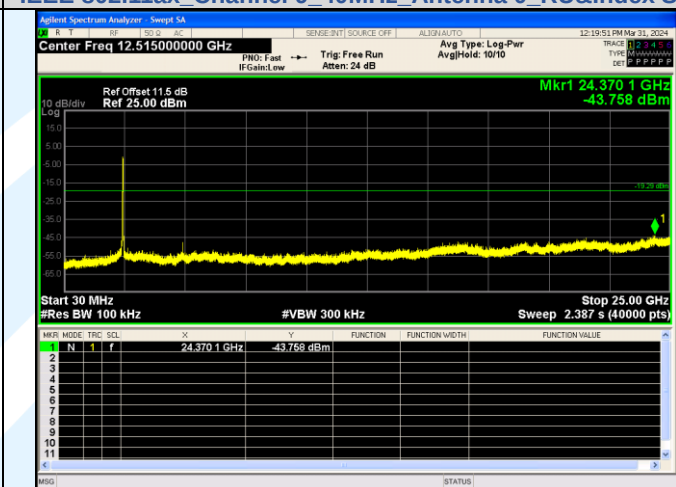
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IEEE 802.11ax Channel 9 40MHz_Antenna 0_RU&Index SU



Out Of Band Emission

IEEE 802.11ax Channel 9 40MHz_Antenna 0_RU&Index SU



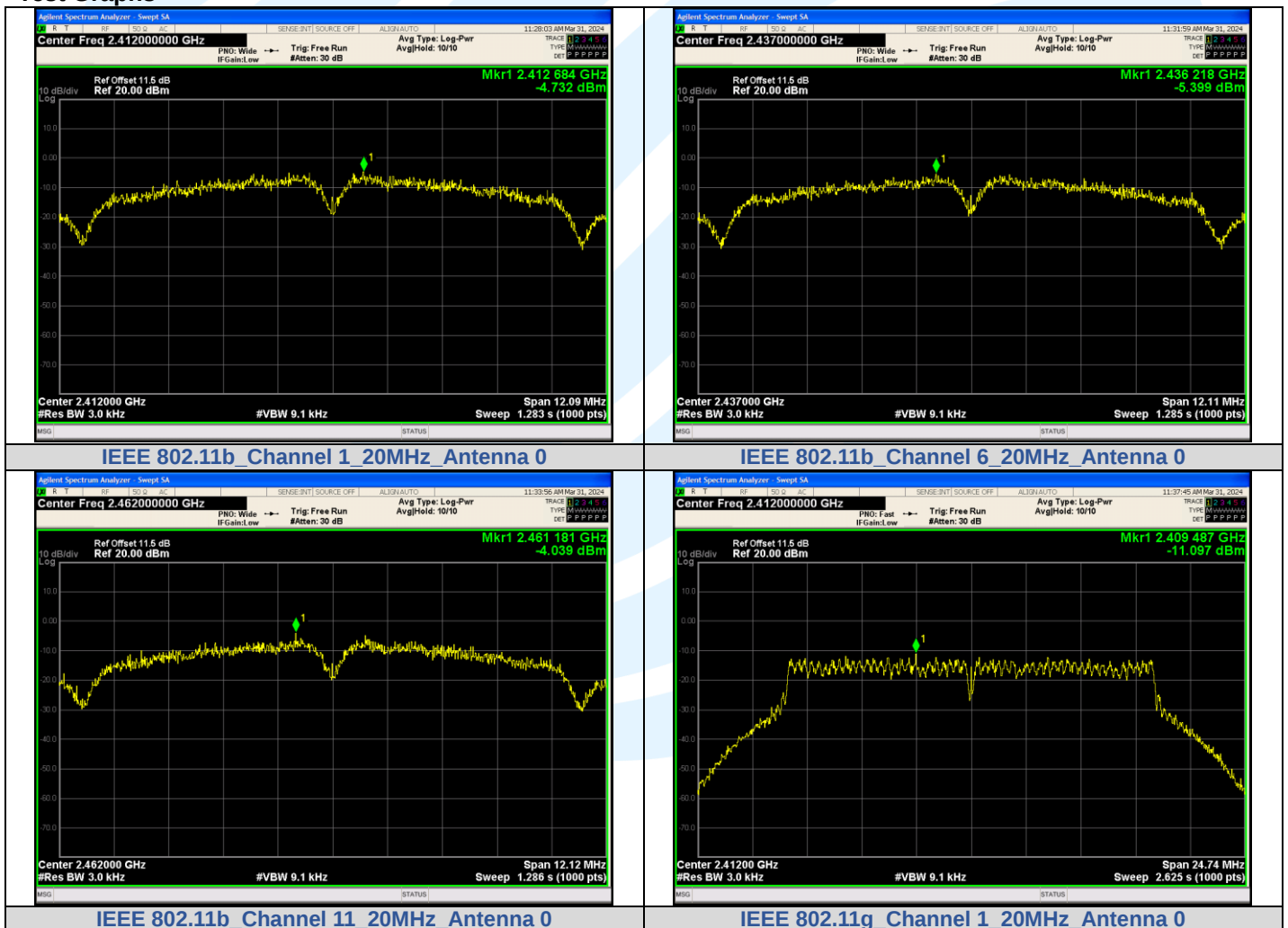
Spurious Emission

IEEE 802.11ax Channel 9 40MHz_Antenna 0_RU&Index SU

A.4 POWER SPECTRAL DENSITY

Mode	Channel	RU & Index	PSD (dBm/3kHz) Ant. 0	Limit (dBm/3kHz)	Result
IEEE 802.11b	1	N/A	-4.732	8	PASS
	6		-5.399		PASS
	11		-4.039		PASS
IEEE 802.11g	1		-11.097		PASS
	6		-10.863		PASS
	11		-10.835		PASS
IEEE 802.11n_20	1		-11.780		PASS
	6		-11.851		PASS
	11		-10.612		PASS
IEEE 802.11n_40	3		-14.056		PASS
	6		-12.979		PASS
	9		-13.062		PASS
IEEE 802.11ax_20	1	SU	-13.506		PASS
	6		-13.309		PASS
	11		-13.788		PASS
IEEE 802.11ax_40	3		-13.711		PASS
	6		-13.121		PASS
	9		-13.138		PASS

Test Graphs



Shenzhen UnionTrust Quality and Technology Co., Ltd.

Address: Unit D/E of 9/F and 16/F, Block A, Building 6, Baoneng science and technology park, Longhua district, Shenzhen, China

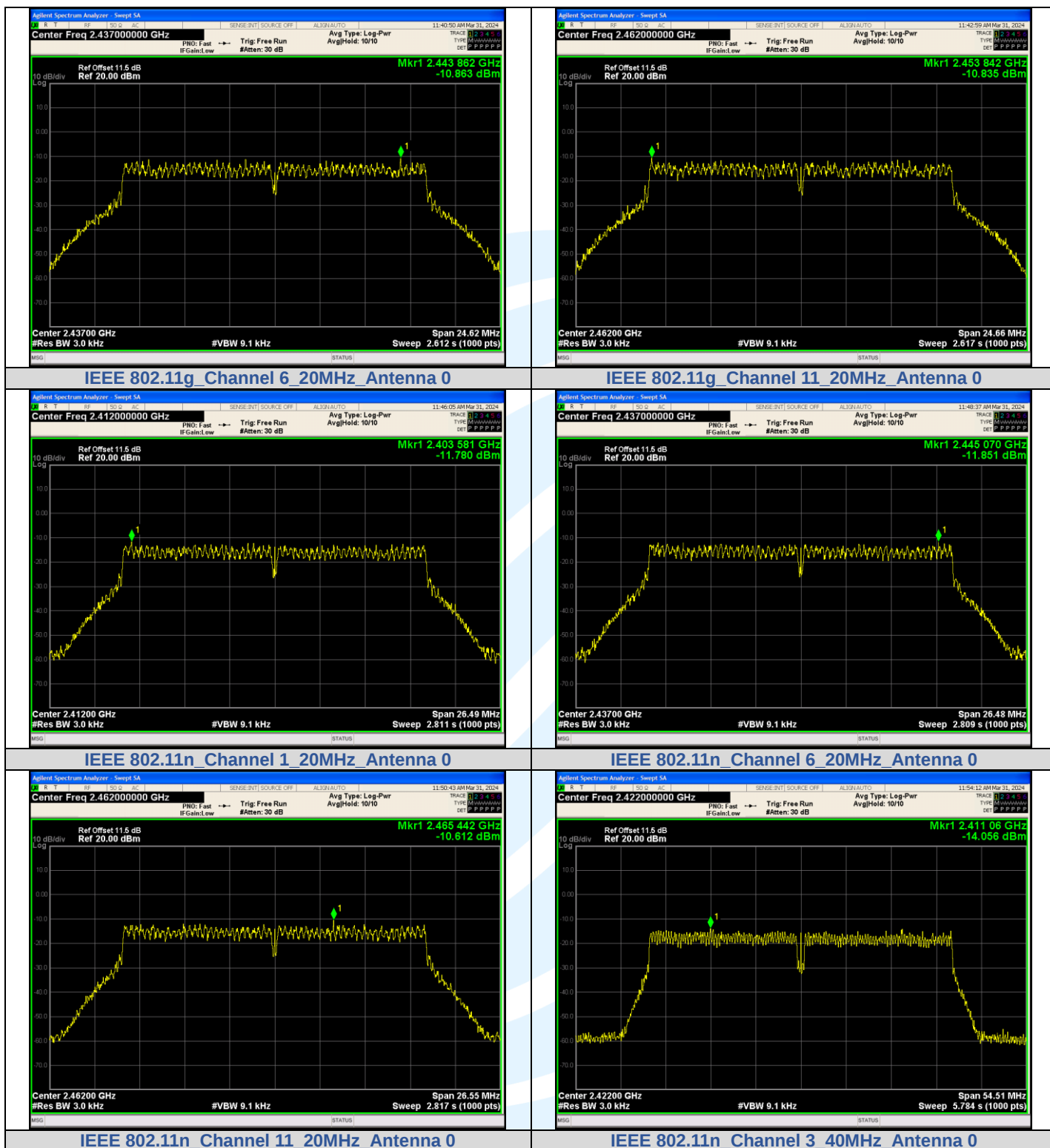
Tel: +86-755-28230888

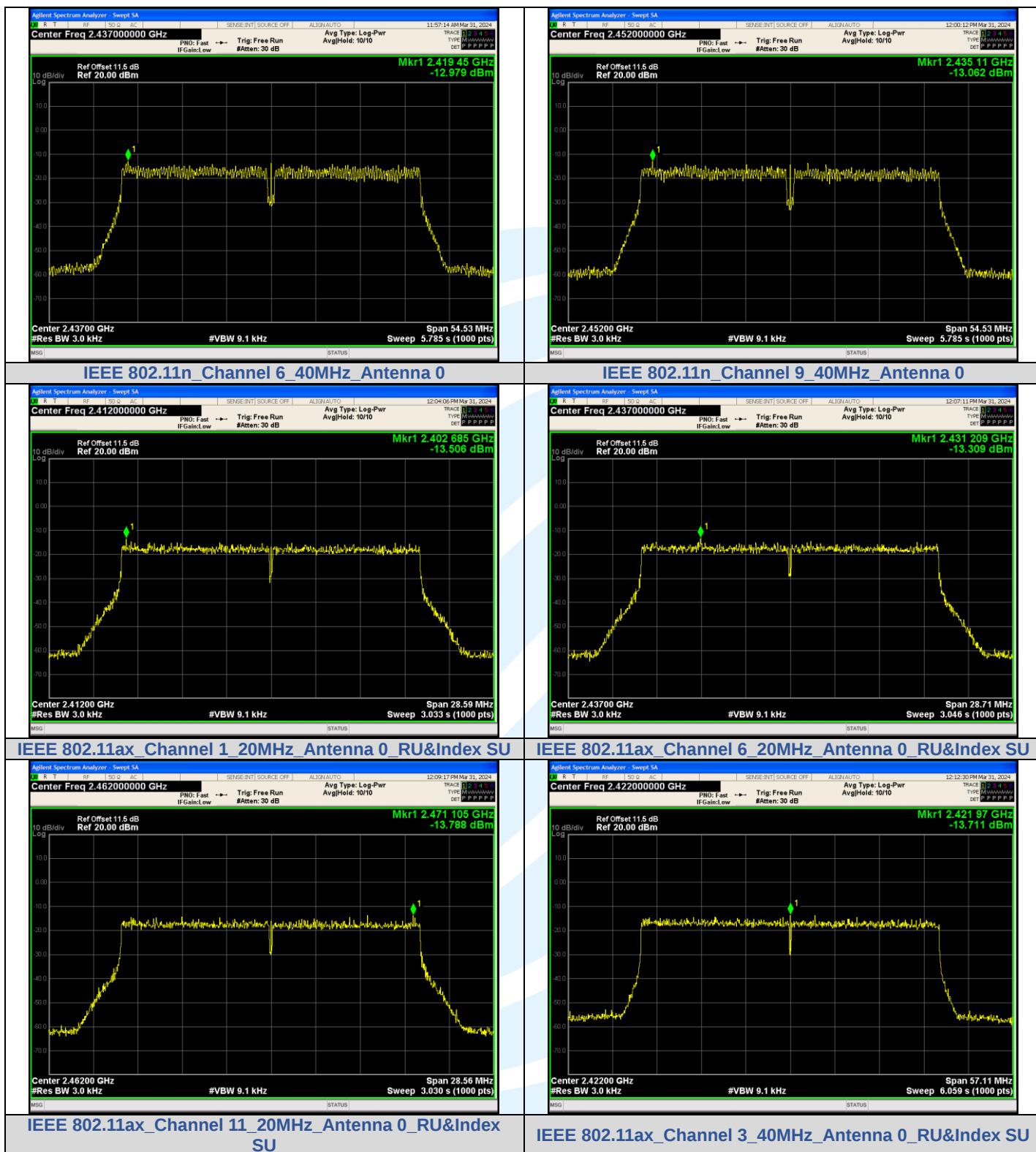
Fax: +86-755-28230886

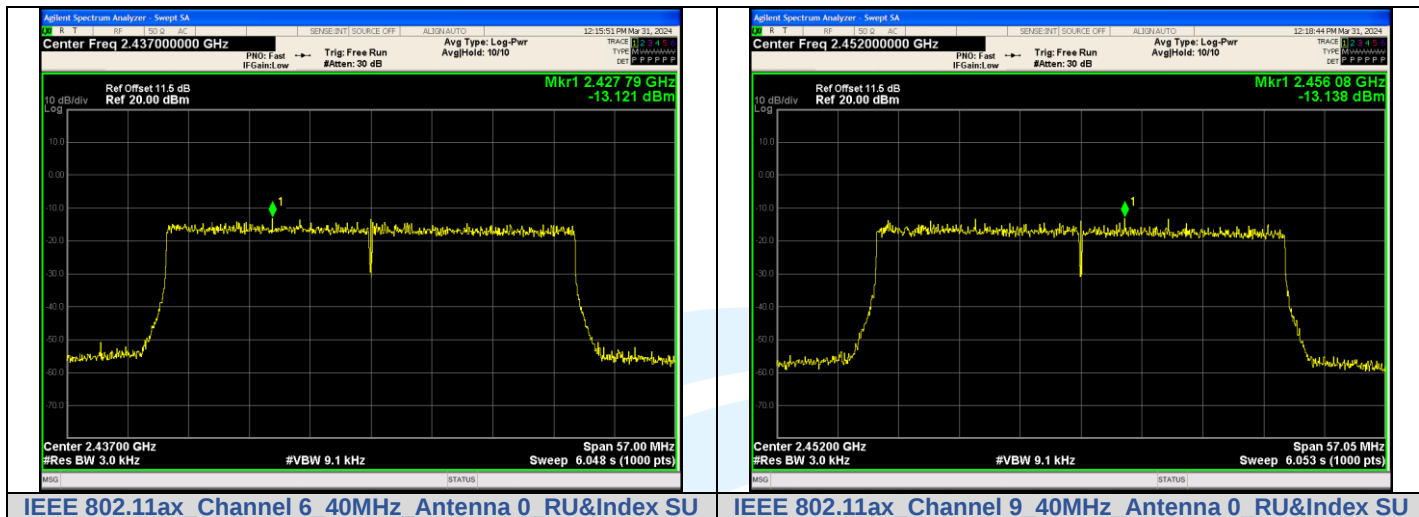
E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-RSS247-V1.1







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UTTR-RF-RSS247-V1.1

APPENDIX 1 PHOTOS OF TEST SETUP

See test photos attached in Appendix 1 for the actual connections between Product and support equipment.

APPENDIX 2 PHOTOS OF EUT CONSTRUCTIONAL DETAILS

Refer to Appendix 2 for EUT external and internal photos.

*** End of Report ***

The test report is effective only with both signature and specialized stamp. The result(s) shown in this report refer only to the sample(s) tested. Without written approval of UnionTrust, this report can't be reproduced except in full.
