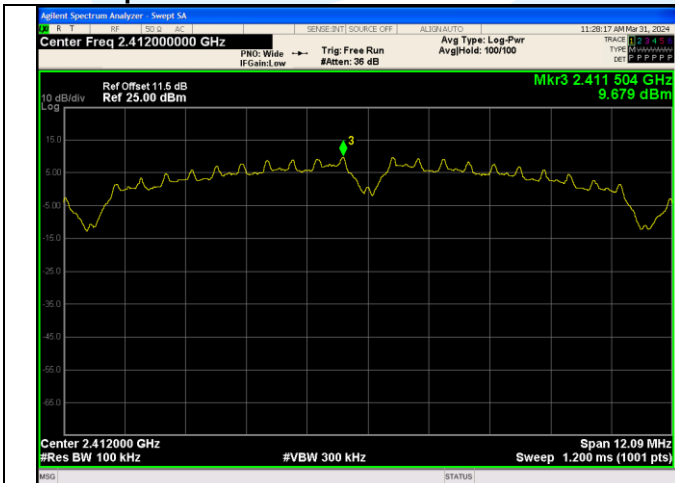


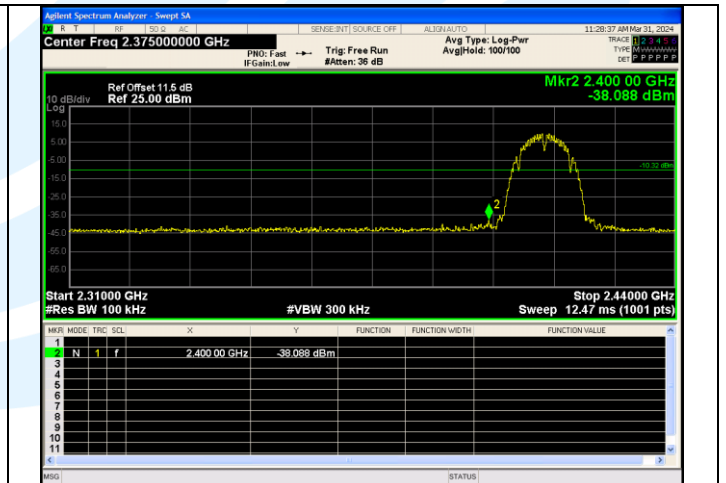
### A.3 CONDUCTED OUT OF BAND EMISSION

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
				24328.9	-43.274	-10.32	-32.954	PASS
				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
				24848.3	-43.917	-17.69	-26.227	PASS
				24970.0	-43.388	-17.39	-25.998	PASS
				2483.50	-42.762	-17.39	-25.372	PASS
				24337.7	-43.423	-17.39	-26.033	PASS
IEEE 802.11n_20	1	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		
		24958.8	-44.010	-17.33	-26.680	PASS		
IEEE 802.11n_40	3	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		
		2483.50	-39.651	-19.54	-20.111	PASS		
IEEE 802.11ax_20	1	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		
		2483.50	-43.238	-19.56	-23.678	PASS		
		24421.3	-44.044	-19.56	-24.485	PASS		
IEEE 802.11ax_40	3	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		
		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

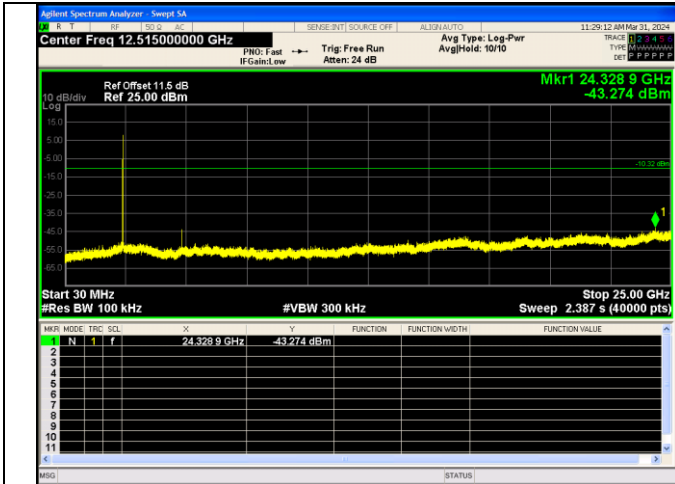
#### Test Graphs



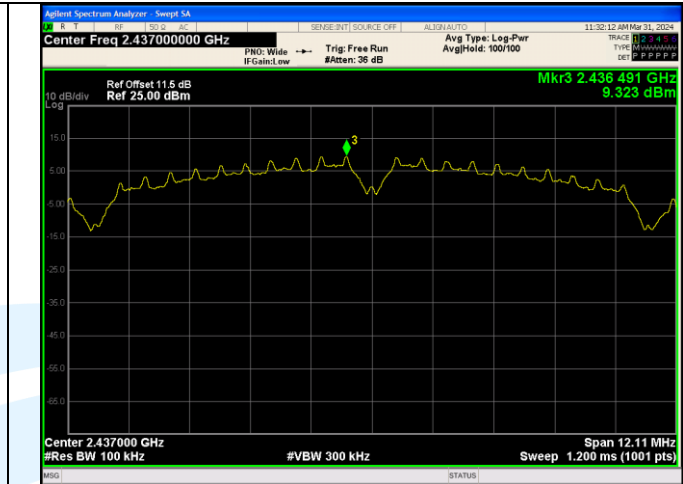
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 IEEE 802.11b\_Channel 1\_20MHz\_Antenna 0



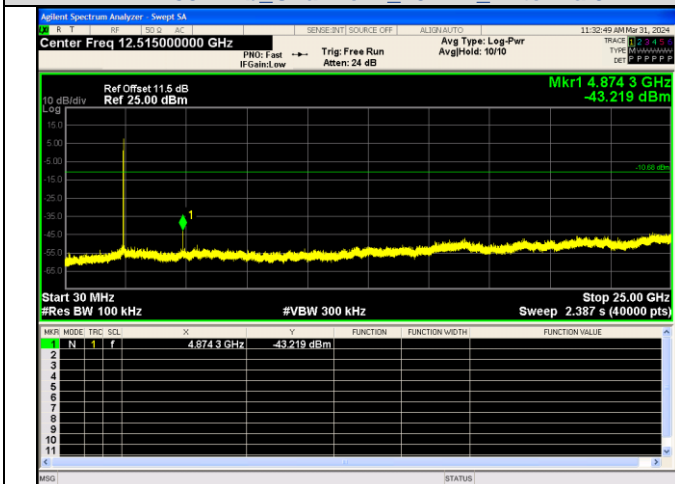
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 IEEE 802.11b\_Channel 1\_20MHz\_Antenna 0



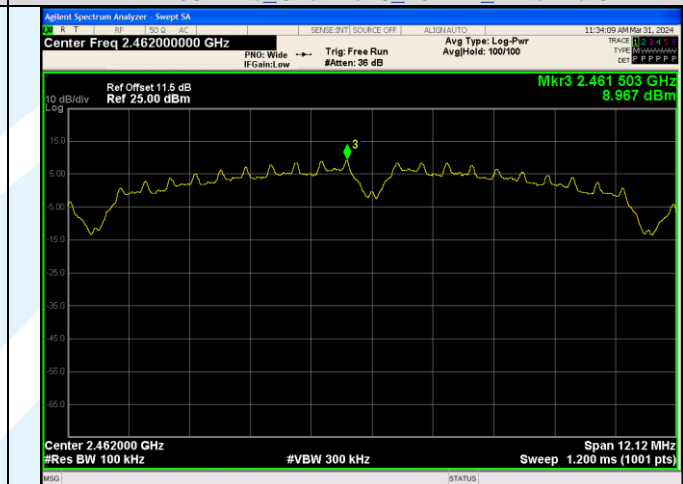
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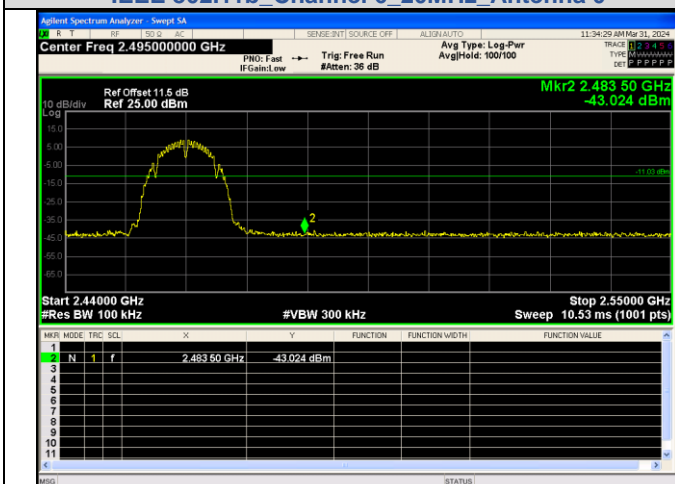
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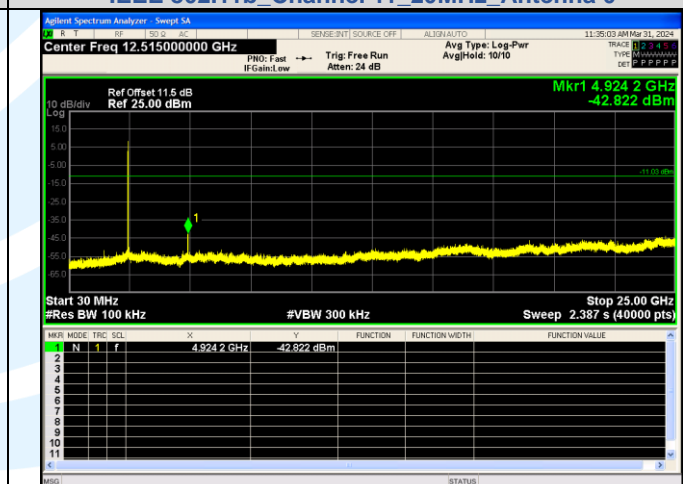
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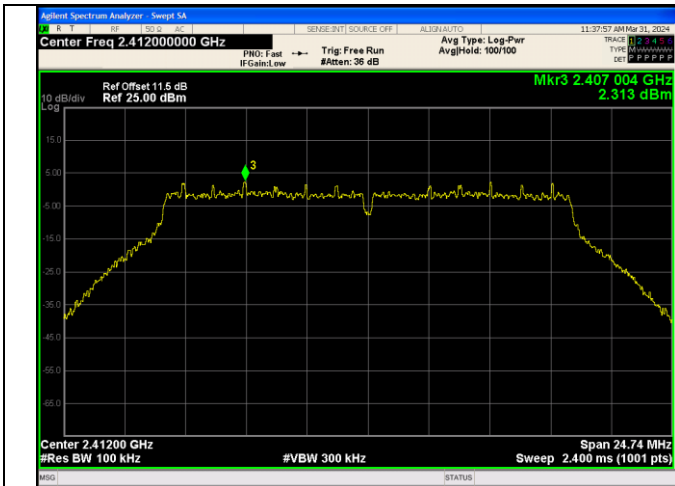
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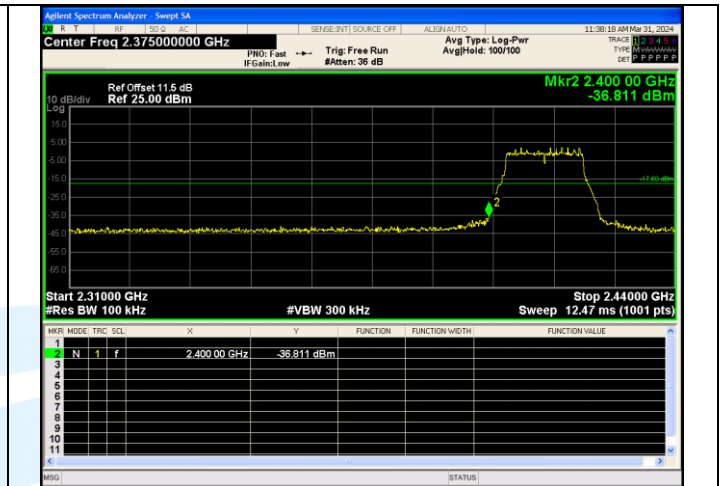
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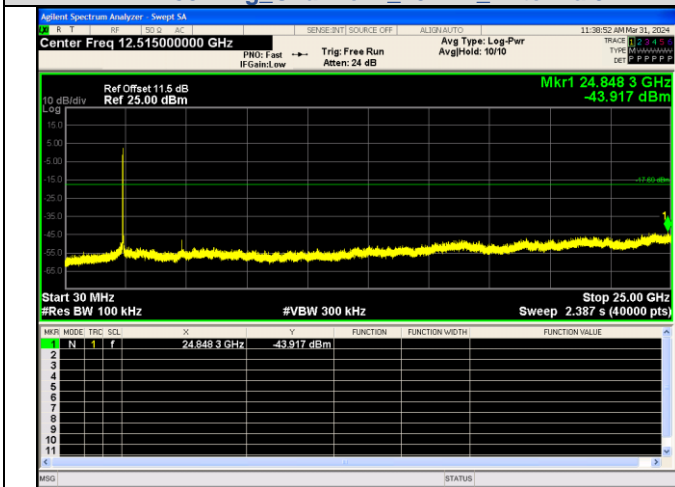
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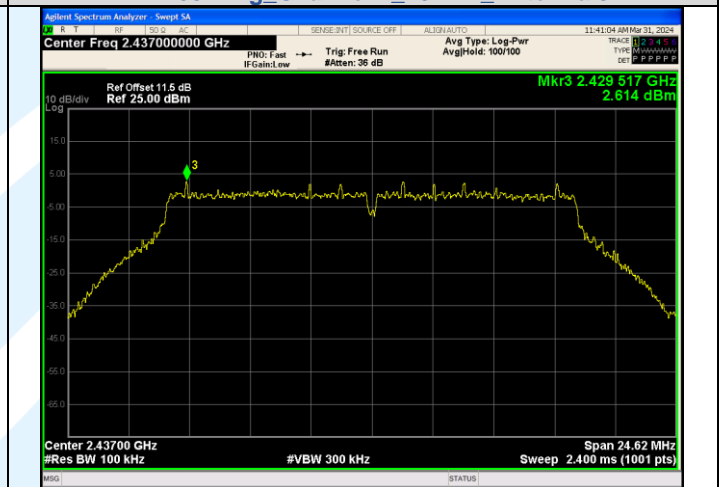
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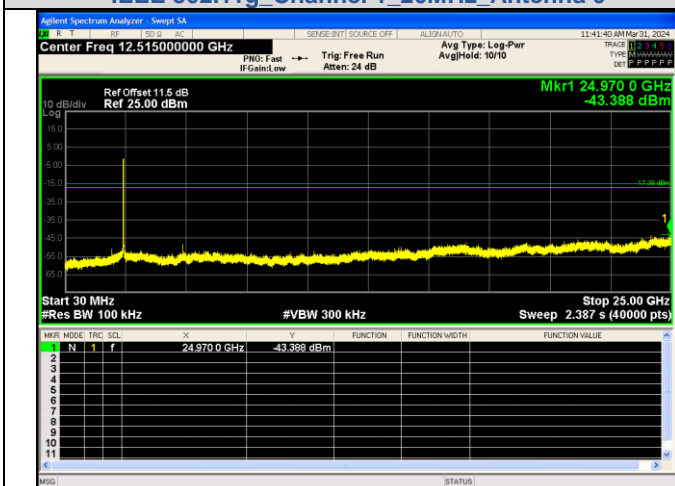
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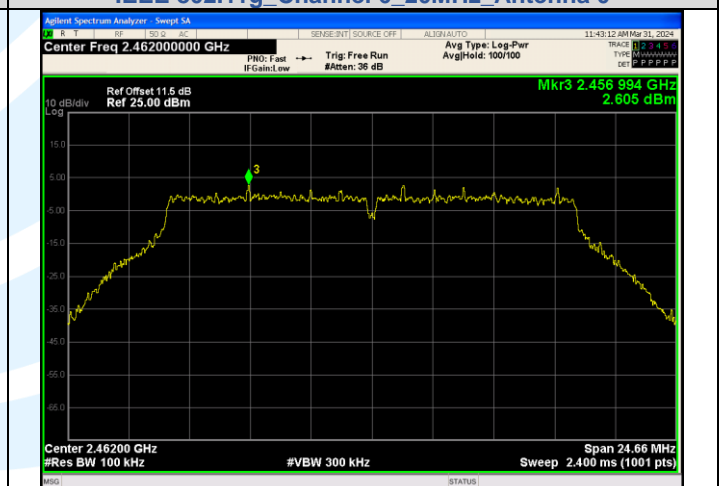
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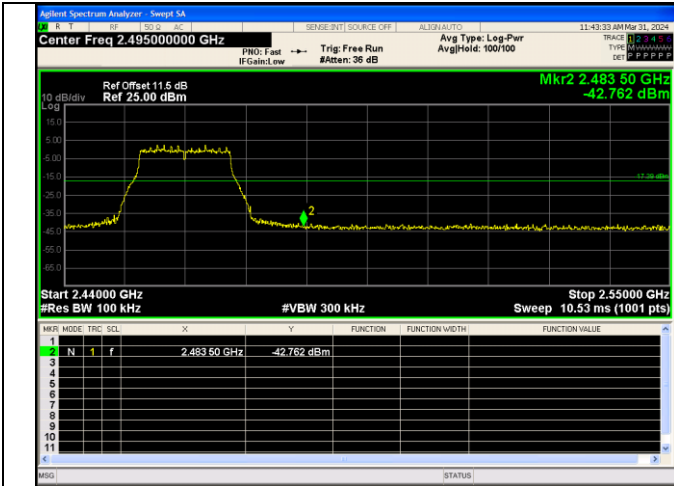
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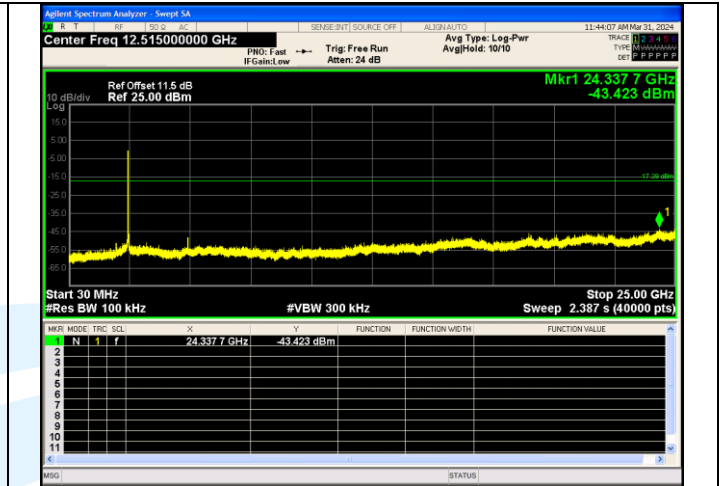
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 IEEE 802.11g Channel 6 20MHz Antenna 0**



**In-Band Reference Level  
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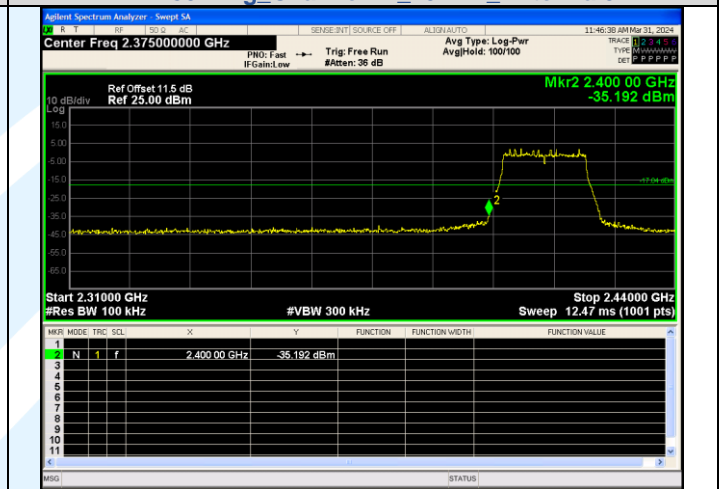
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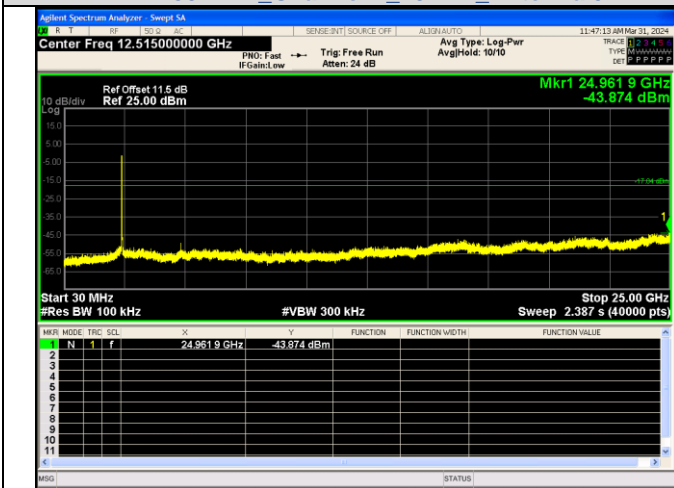
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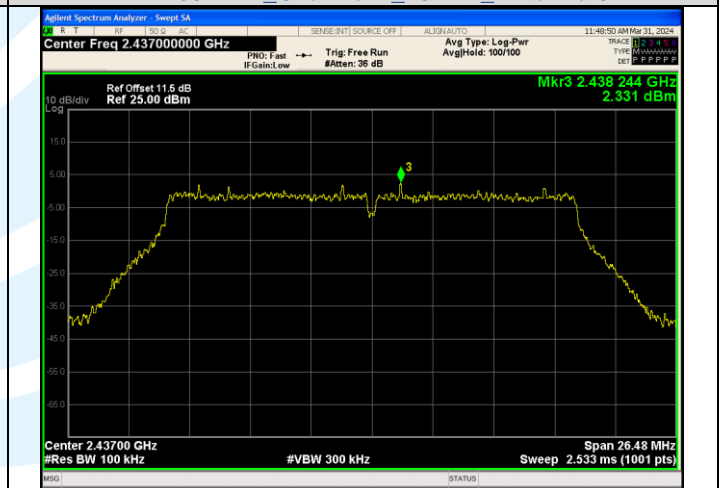
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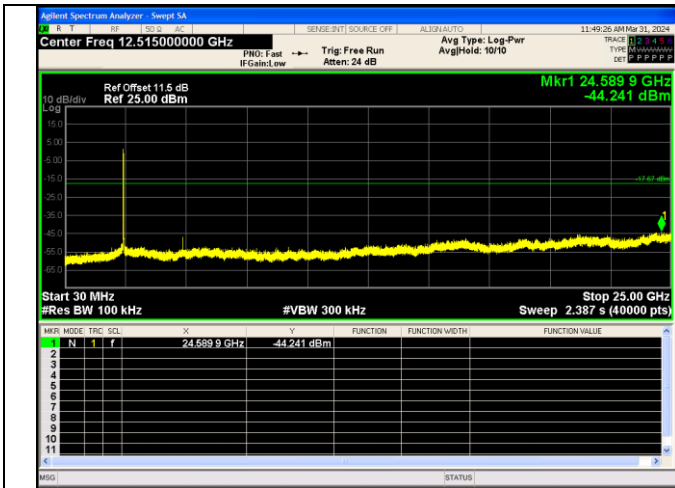
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IEEE 802.11n Channel 1 20MHz Antenna 0



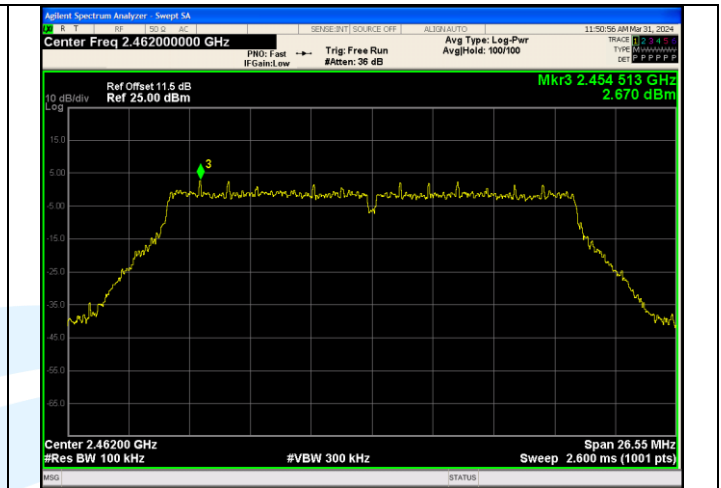
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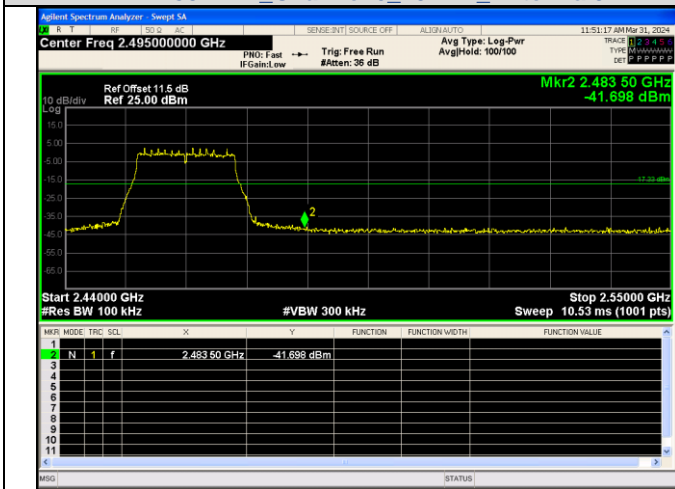
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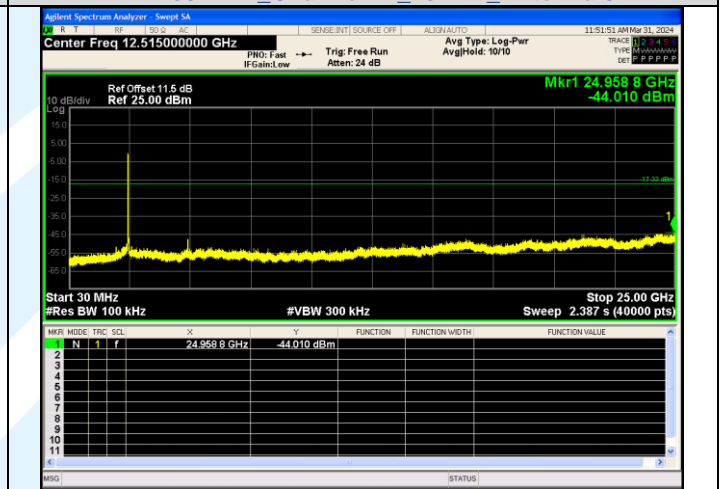
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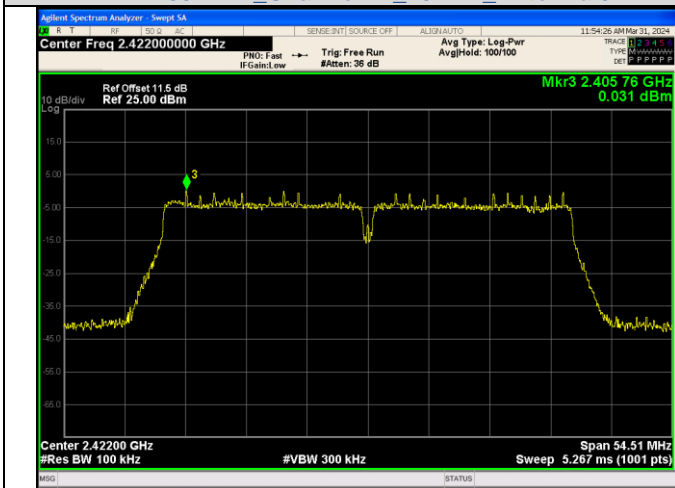
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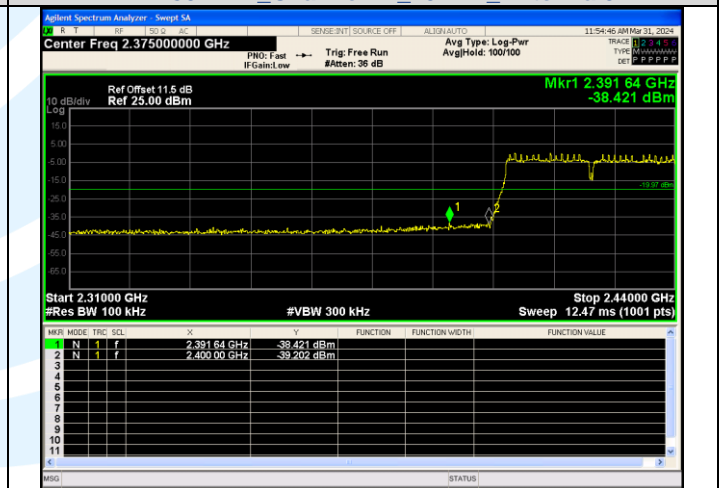
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IEEE 802.11n Channel 11 20MHz Antenna 0



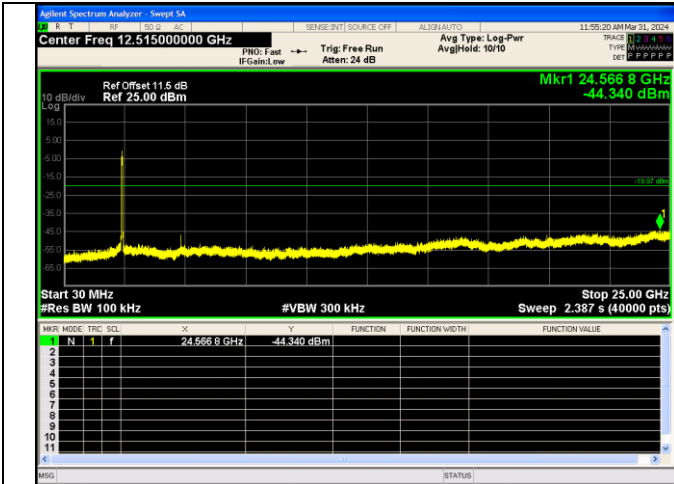
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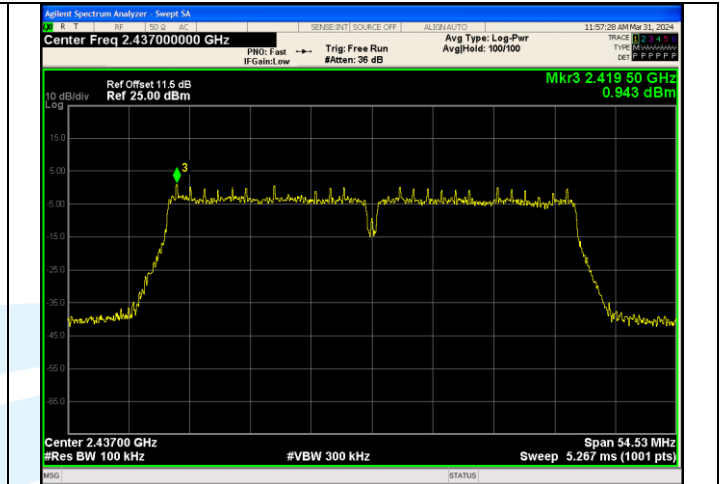
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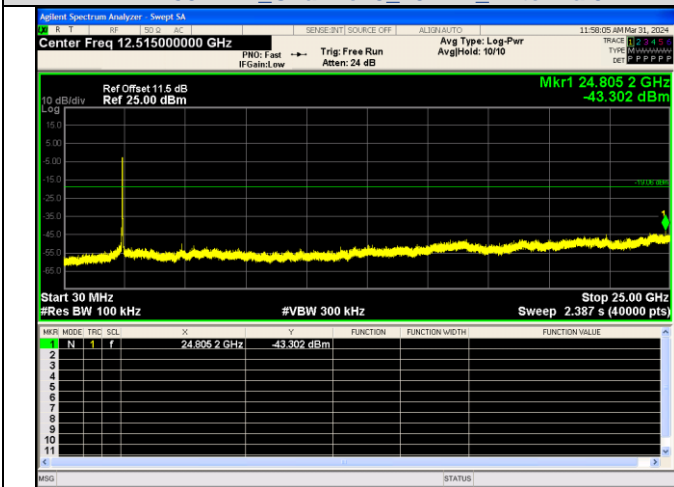
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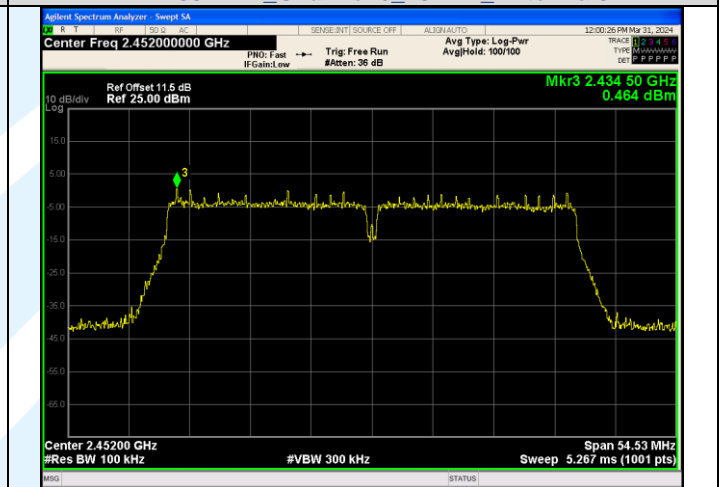
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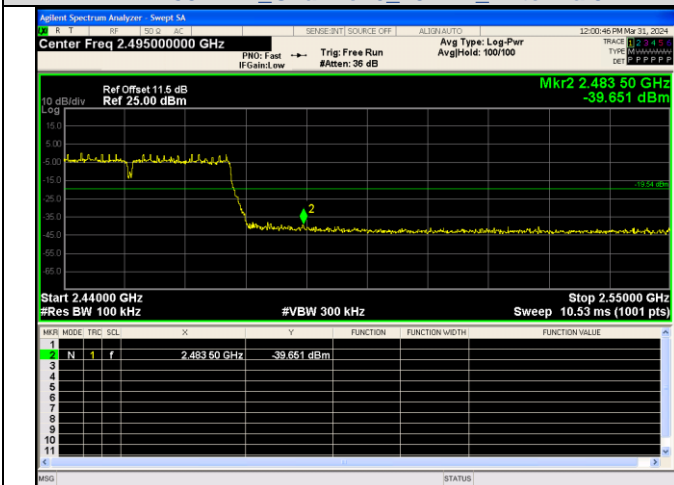
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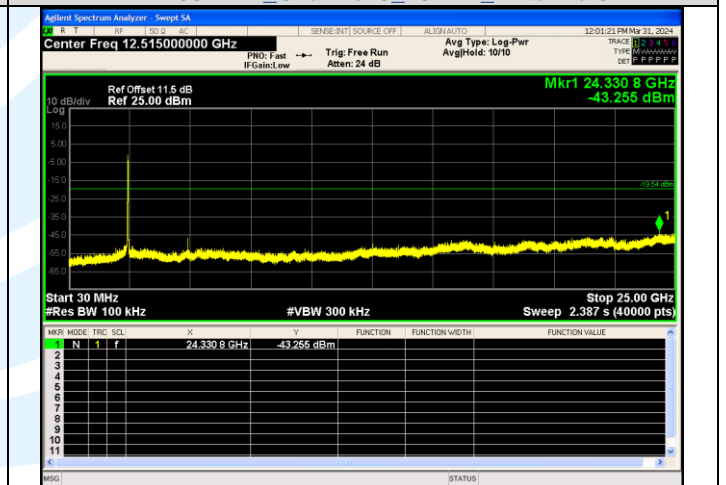
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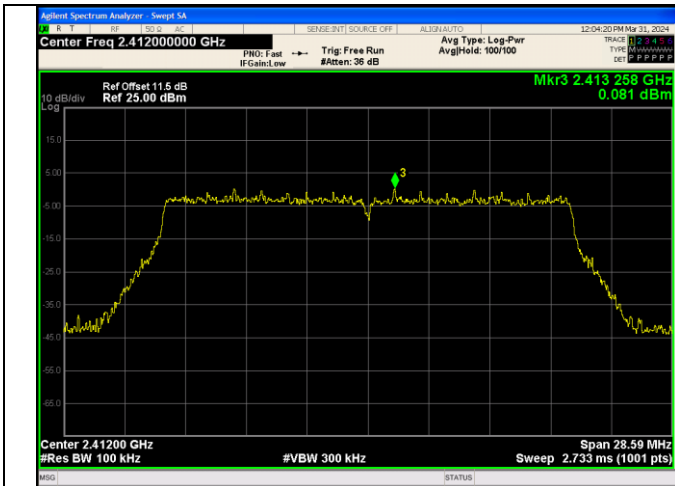
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IEEE 802.11n Channel 9 40MHz Antenna 0

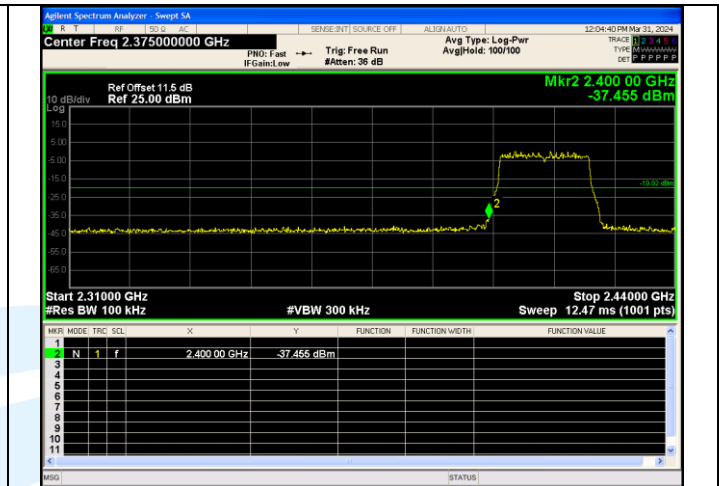


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IEEE 802.11n Channel 9 40MHz Antenna 0



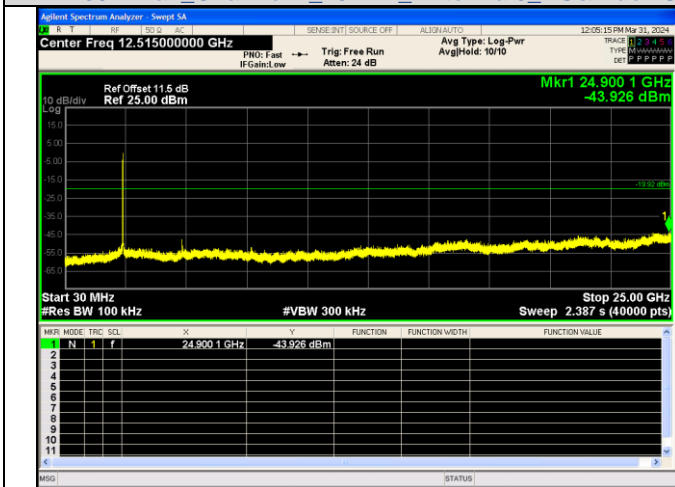
In-Band Reference Level

IEEE 802.11ax\_Channel 1\_20MHz\_Antenna 0\_RU&Index SU



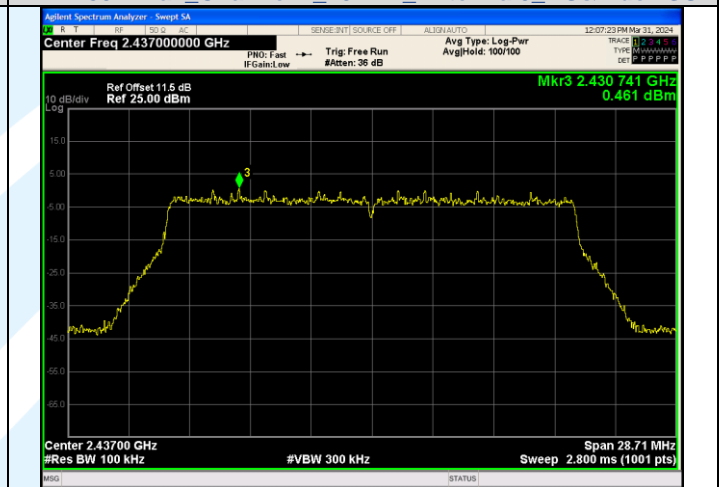
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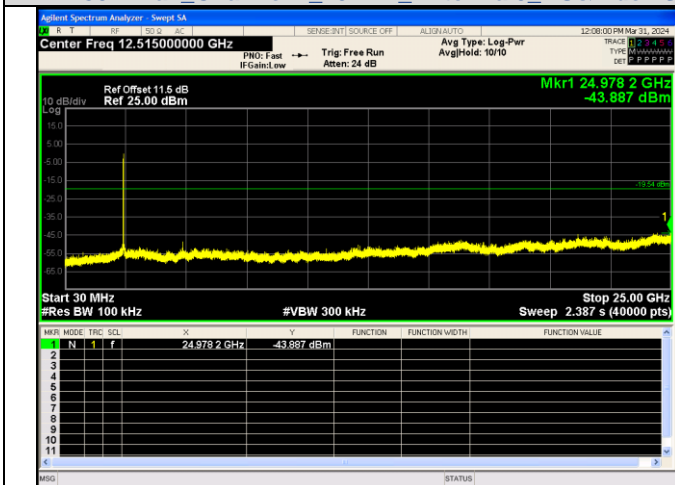
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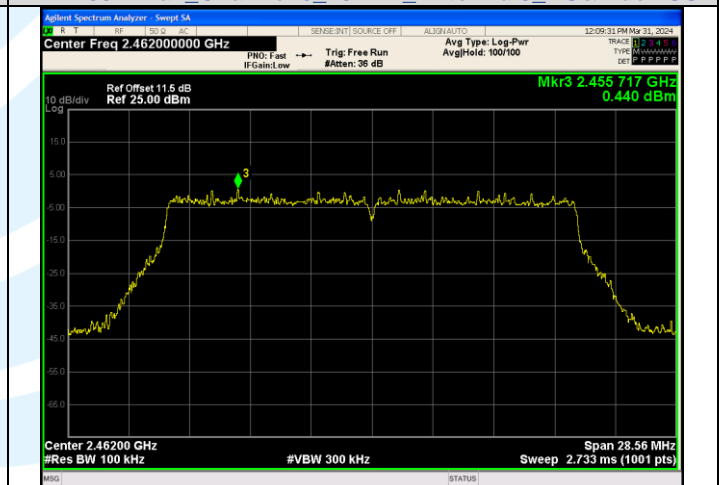
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IEEE 802.11ax\_Channel 6\_20MHz\_Antenna 0\_RU&Index SU



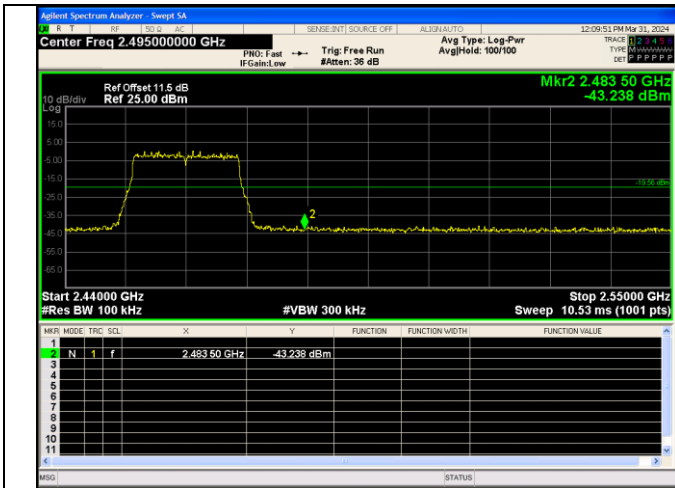
Spurious Emissions

IEEE 802.11ax\_Channel 6\_20MHz\_Antenna 0\_RU&Index SU

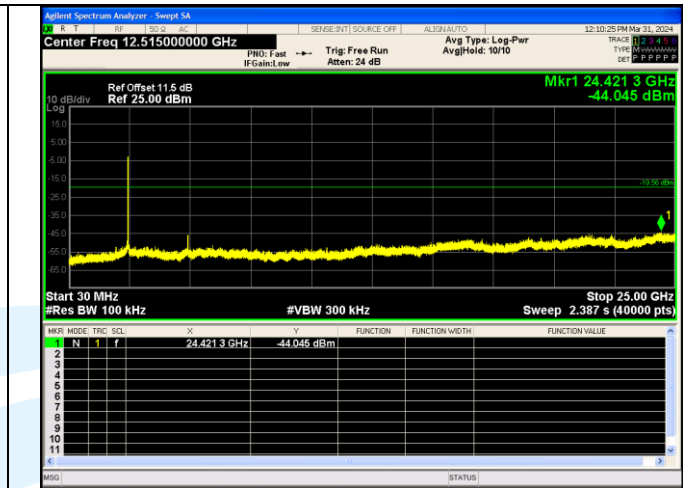


In-Band Reference Level

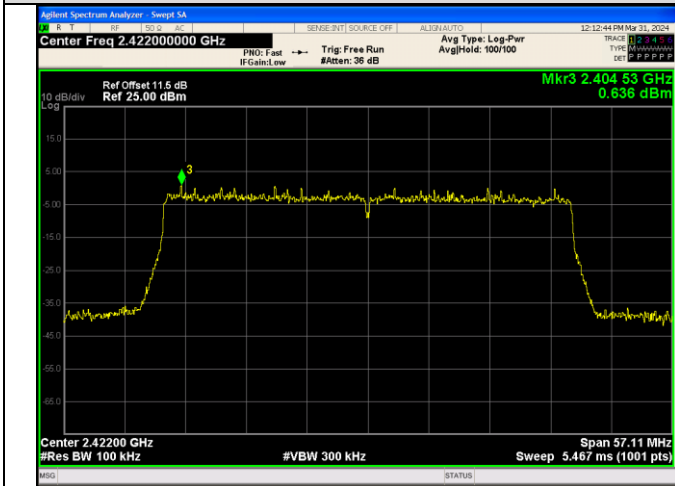
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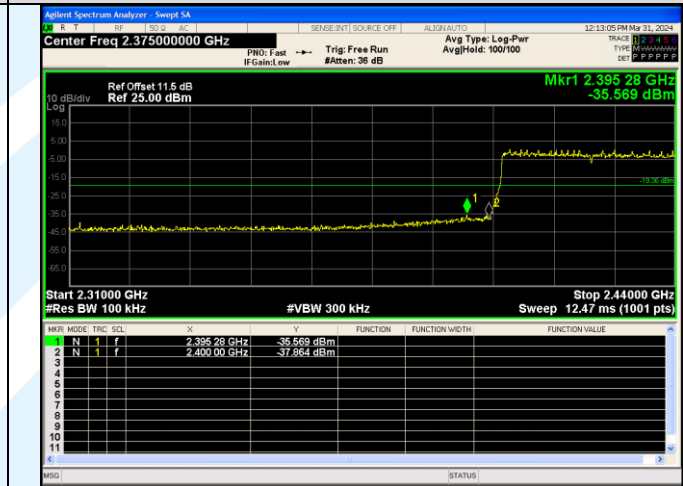
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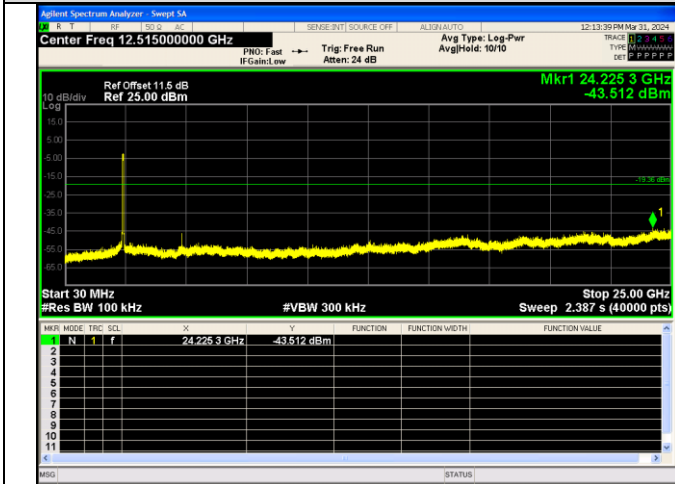
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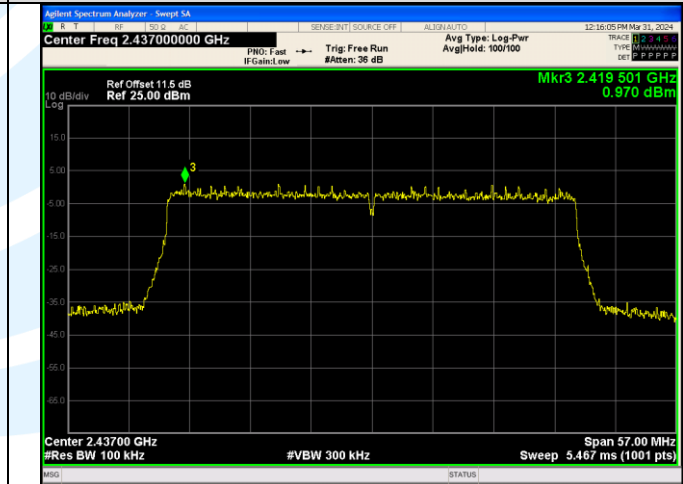
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IEEE 802.11ax\_Channel 3\_40MHz\_Antenna 0\_RU&Index SU



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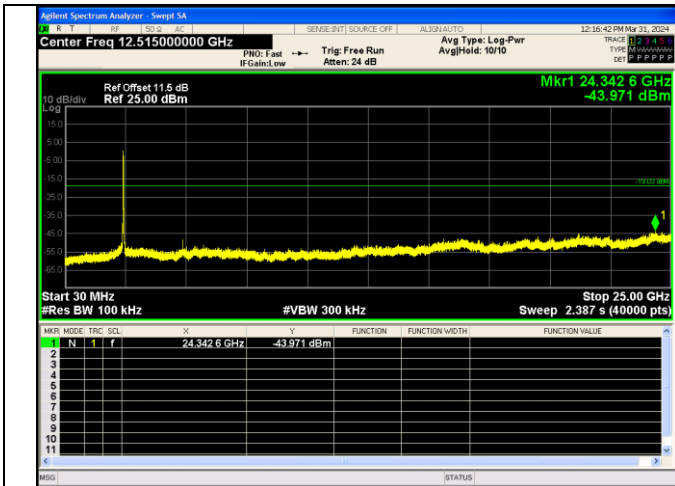


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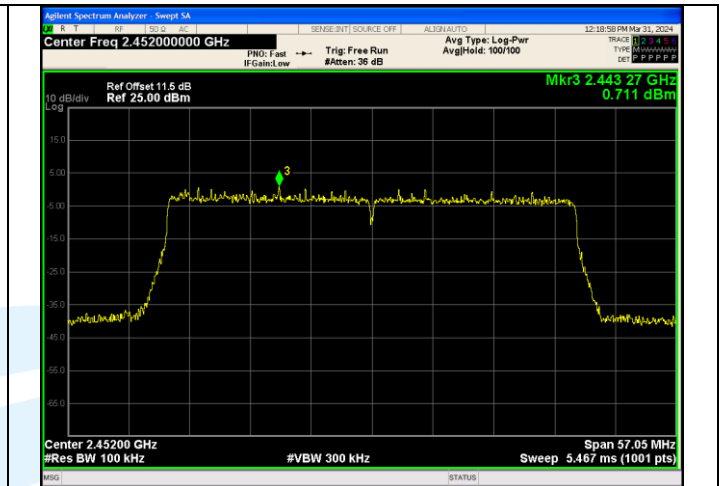


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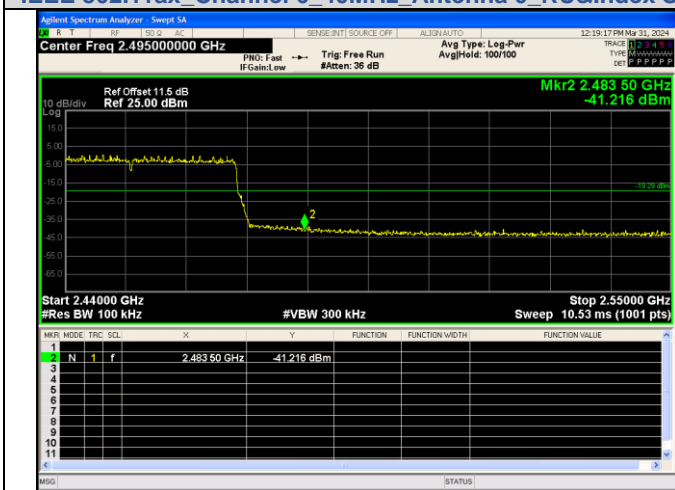




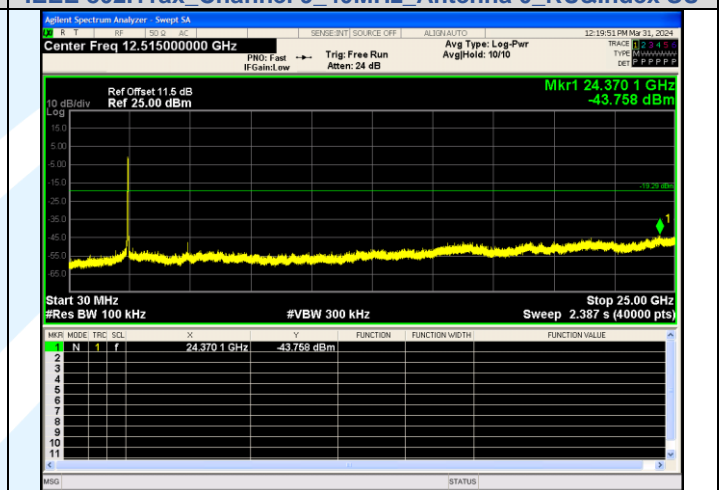
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**In-Band Reference Level**  
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IEEE 802.11ax Channel 9 40MHz Antenna 0 RU&Index SU

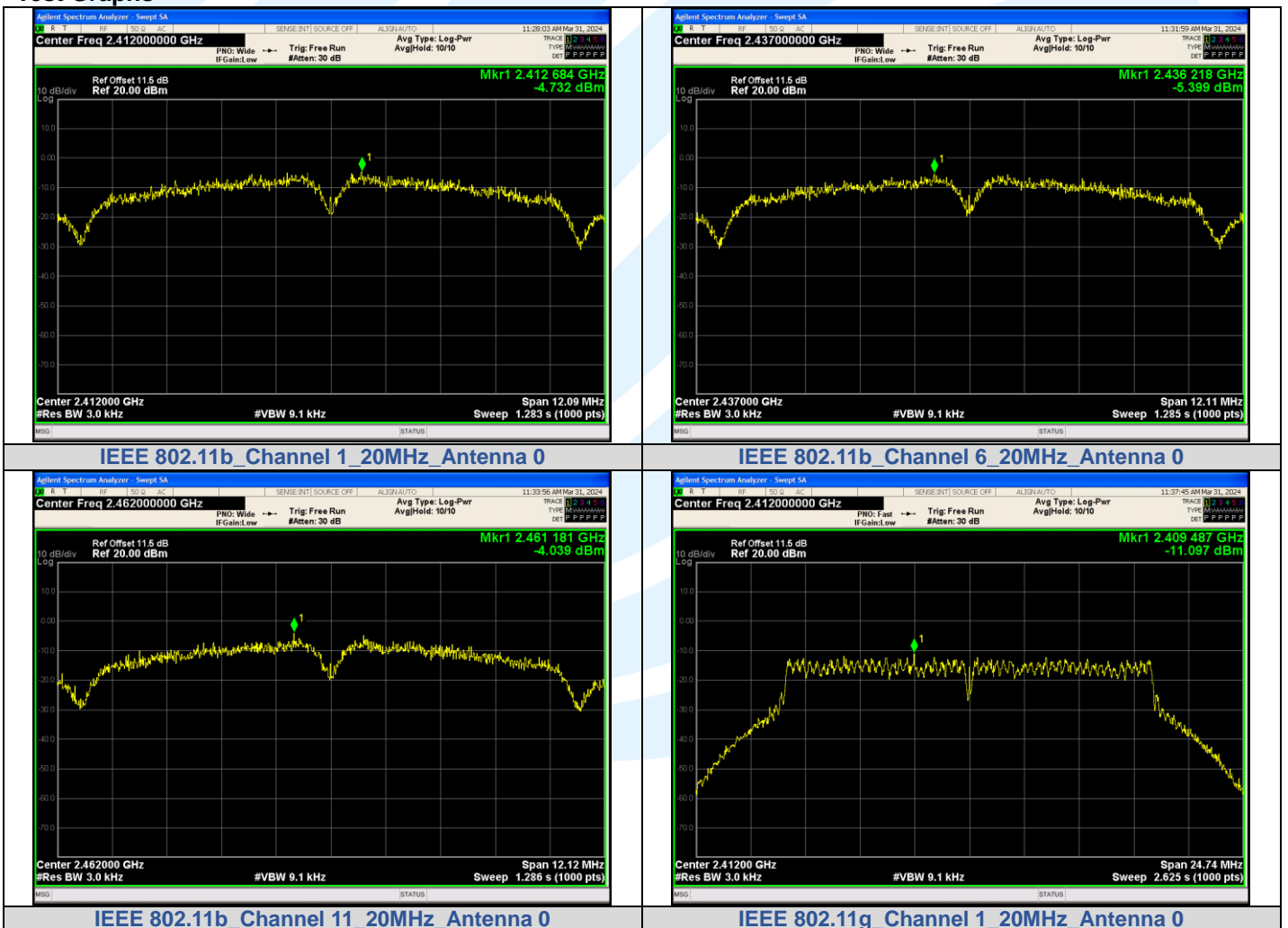


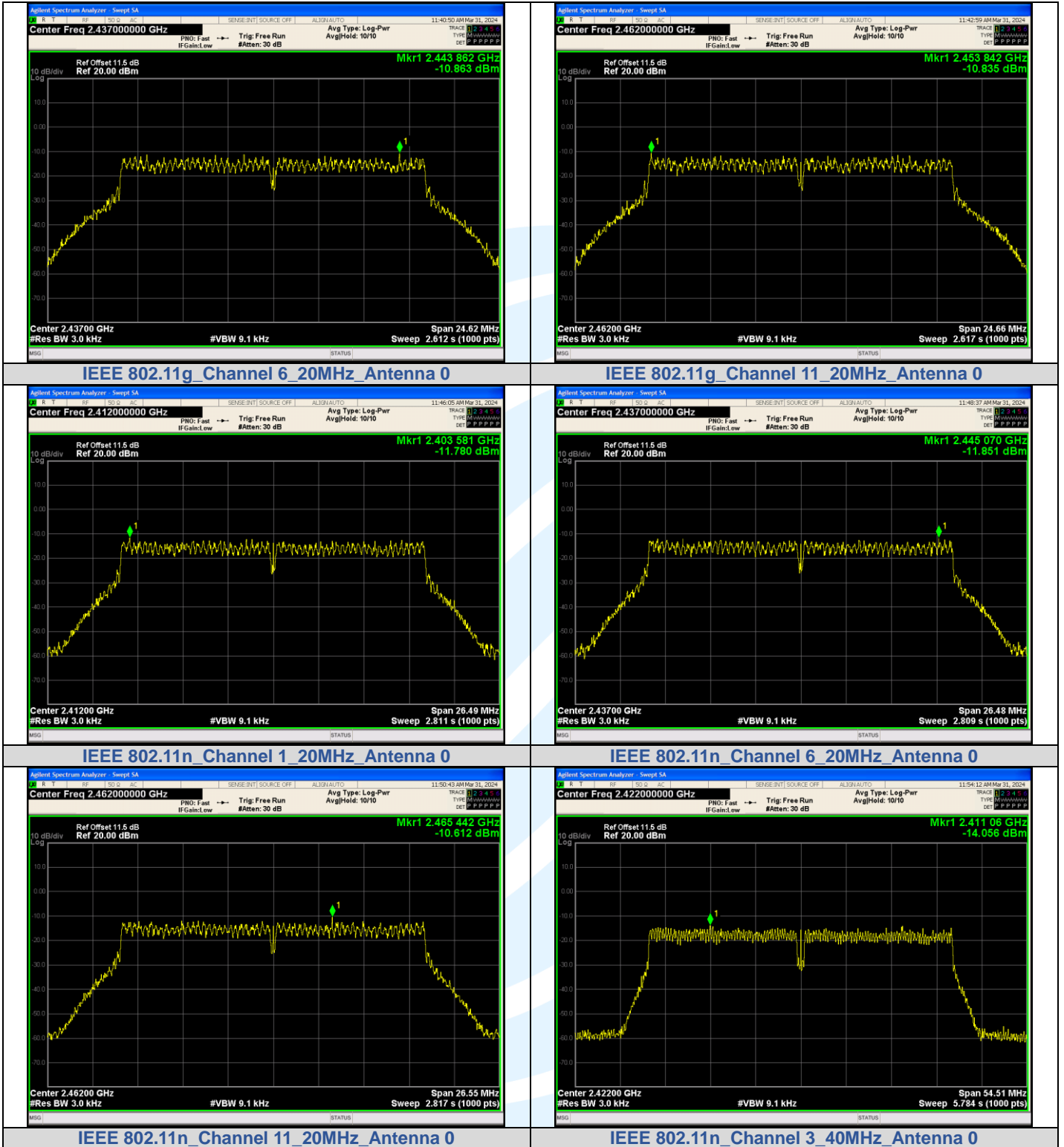
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### A.4 POWER SPECTRAL DENSITY

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	8	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

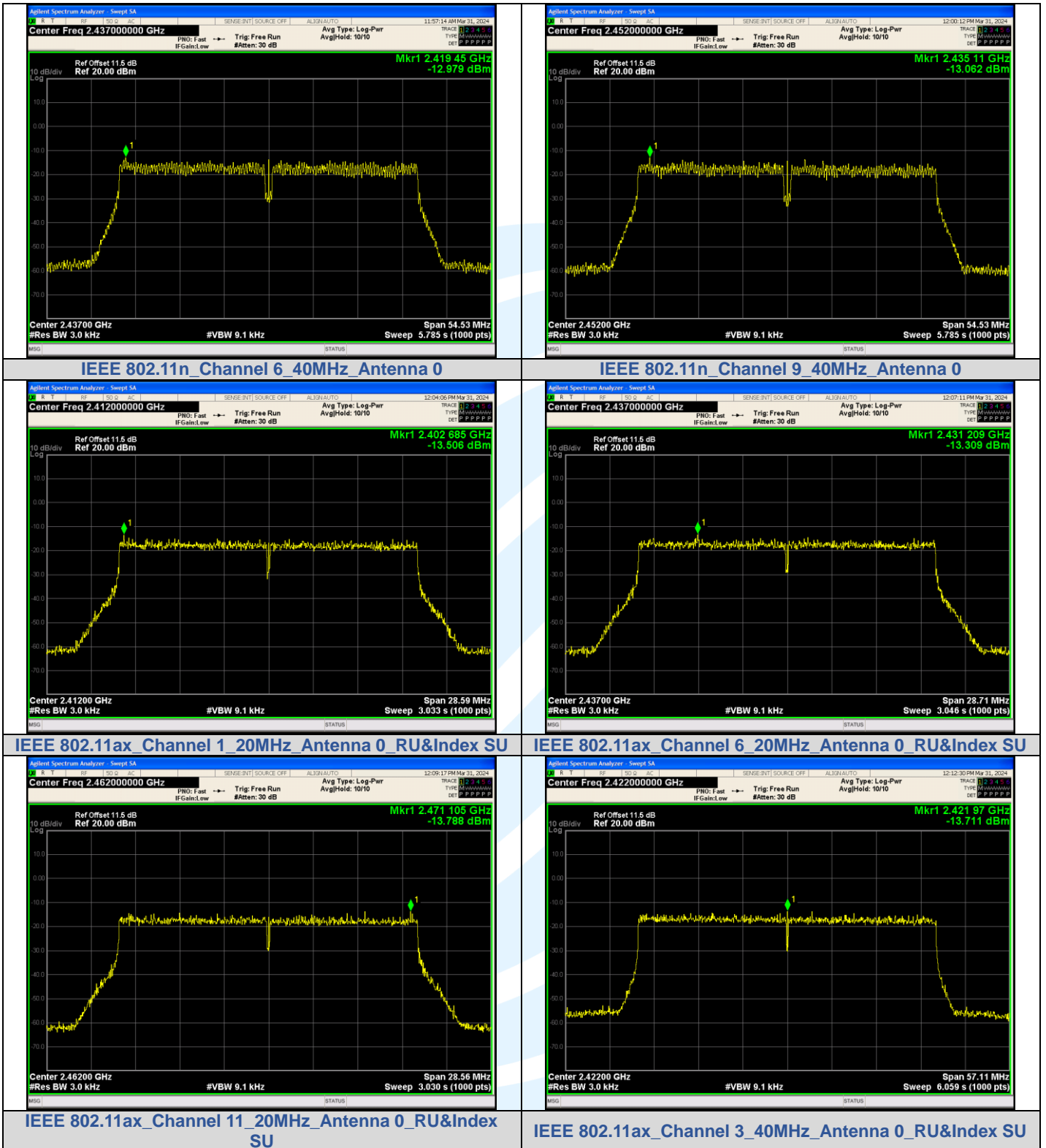
Tel: +86-755-28230888

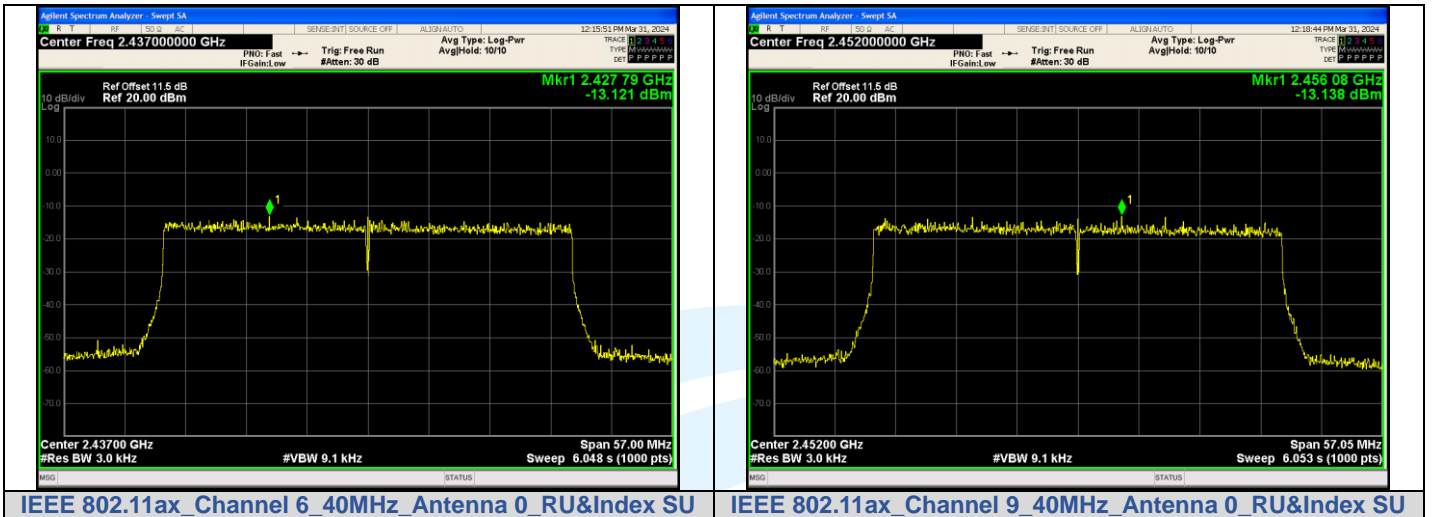
Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-RSS247-V1.1





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<http://www.uttlab.com>

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 \*\*\*

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