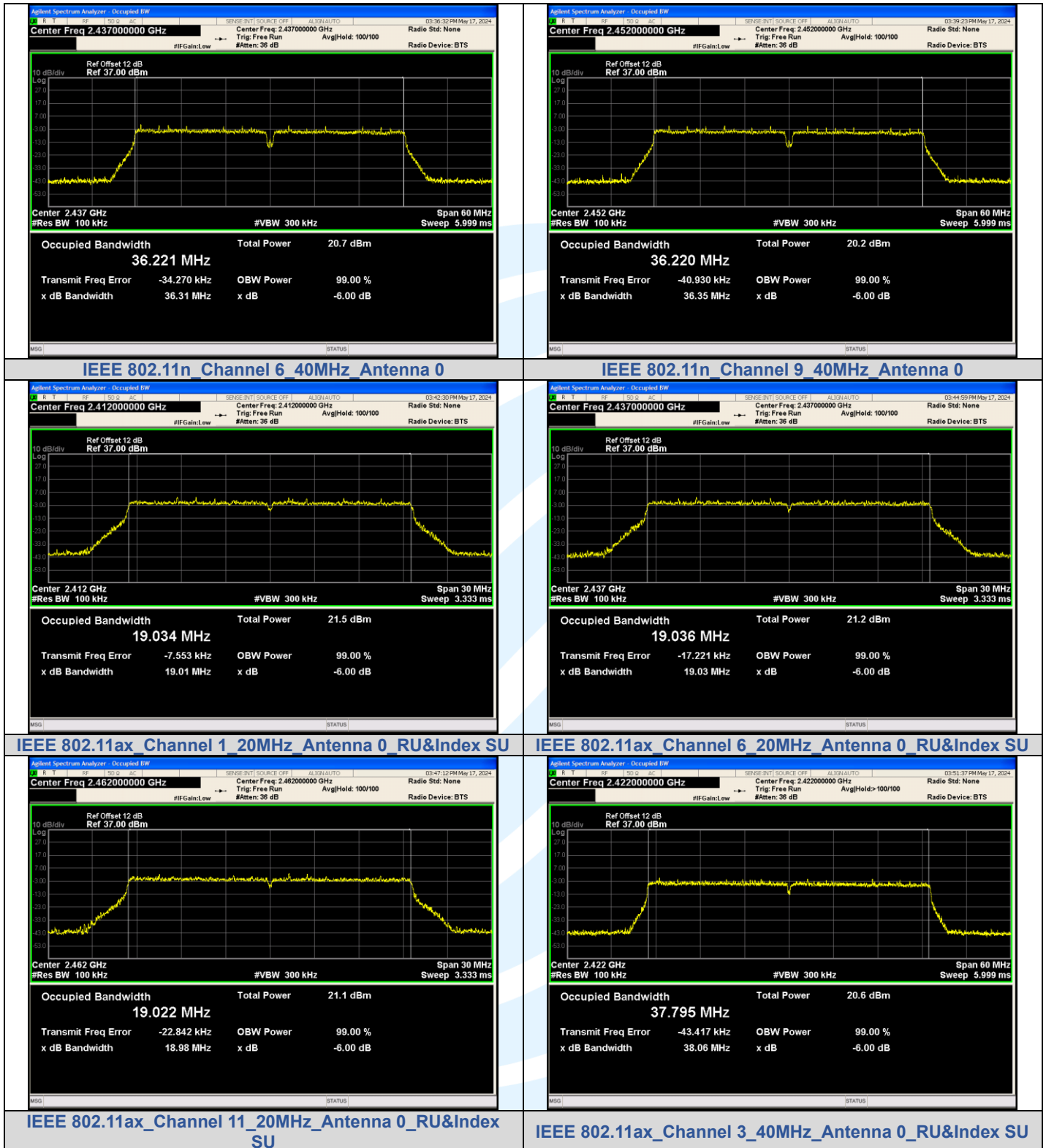
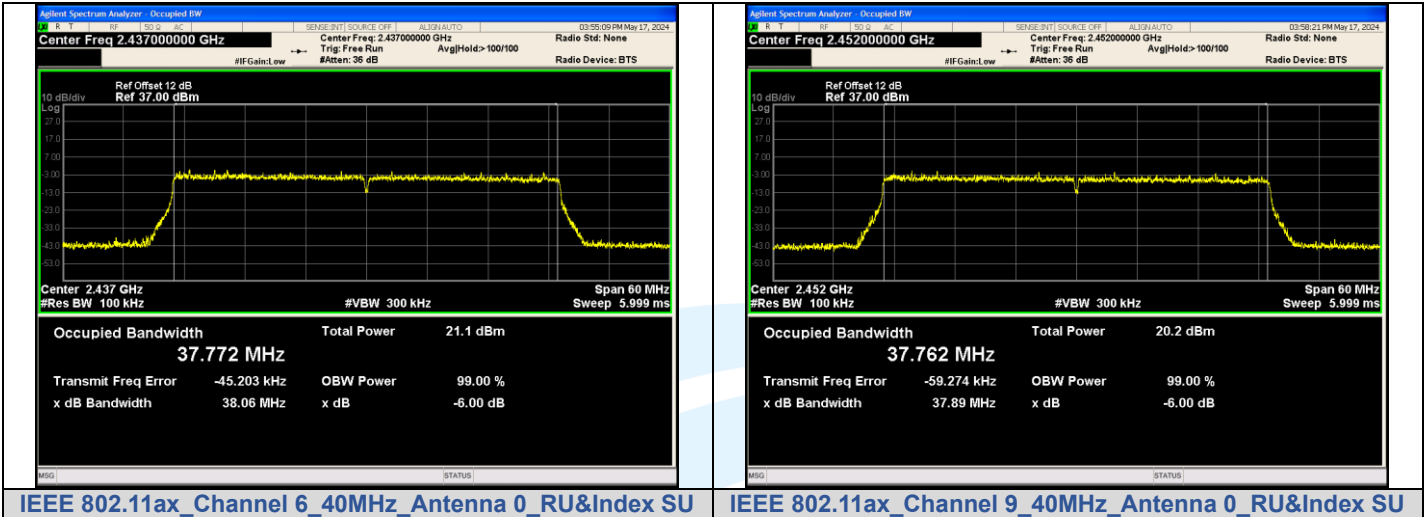




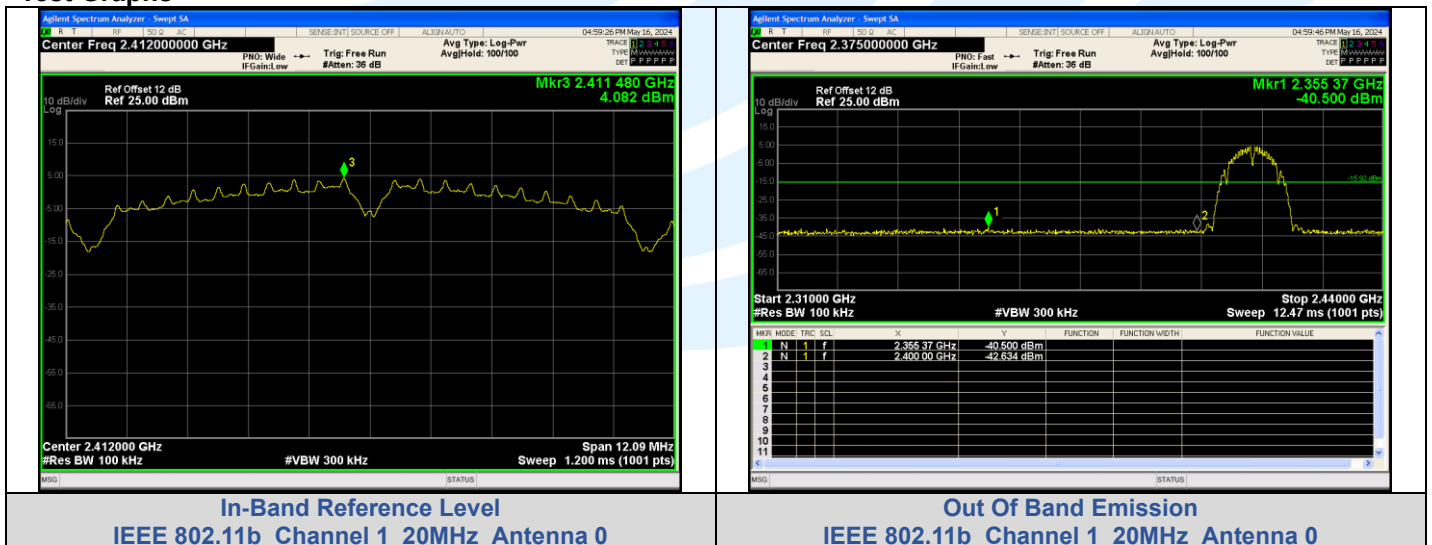


A.3 CONDUCTED OUT OF BAND EMISSION

Test Result

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	2355.37	-40.500	-15.92	-24.580	PASS
				2400.00	-42.634	-15.92	-26.714	PASS
	24201.6			-43.542	-15.92	-27.622	PASS	
	24284.0			-43.025	-16.27	-26.755	PASS	
	2483.50			-42.884	-17.12	-25.764	PASS	
24789.6	-43.230			-17.12	-26.110	PASS		
2400.00	-37.941			-18.76	-19.181	PASS		
24514.3	-43.230			-18.76	-24.470	PASS		
24774.0	-43.235			-18.98	-24.255	PASS		
2483.50	-42.901			-18.96	-23.941	PASS		
24908.9	-43.172			-18.96	-24.212	PASS		
2398.27	-36.702			-18.89	-17.812	PASS		
2400.00	-37.939			-18.89	-19.049	PASS		
24505.6	-43.114			-18.89	-24.224	PASS		
24302.1	-43.000			-18.87	-24.130	PASS		
2483.50	-41.242	-16.59	-24.652	PASS				
24230.3	-43.423	-16.59	-26.833	PASS				
2398.66	-36.949	-19.95	-16.999	PASS				
2400.00	-39.898	-19.95	-19.948	PASS				
24336.4	-43.517	-19.95	-23.567	PASS				
24327.0	-43.440	-19.47	-23.970	PASS				
2483.50	-41.408	-19.73	-21.678	PASS				
24911.4	-42.794	-19.73	-23.064	PASS				
2400.00	-33.875	-16.77	-17.105	PASS				
24943.8	-43.388	-16.77	-26.618	PASS				
24976.3	-42.892	-16.75	-26.142	PASS				
2483.50	-41.475	-16.94	-24.535	PASS				
24348.9	-43.146	-16.94	-26.206	PASS				
2400.00	-38.917	-20.23	-18.687	PASS				
24340.2	-42.744	-20.23	-22.514	PASS				
24438.2	-42.794	-20.27	-22.524	PASS				
2483.50	-41.726	-21.07	-20.656	PASS				
24966.3	-43.704	-21.07	-22.634	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

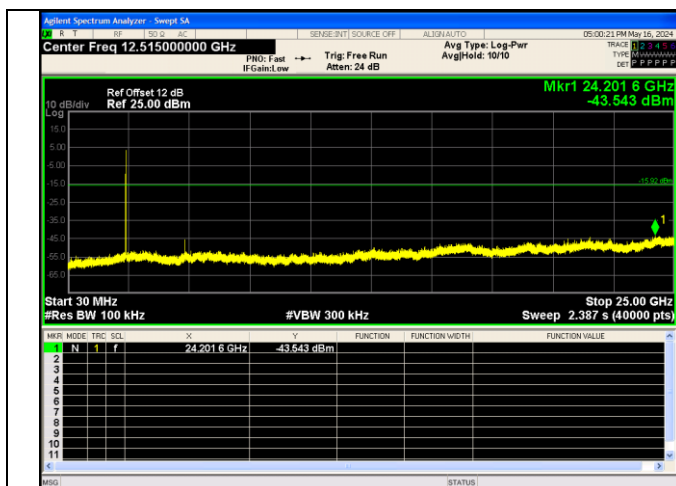
Tel: +86-755-28230888

Fax: +86-755-28230886

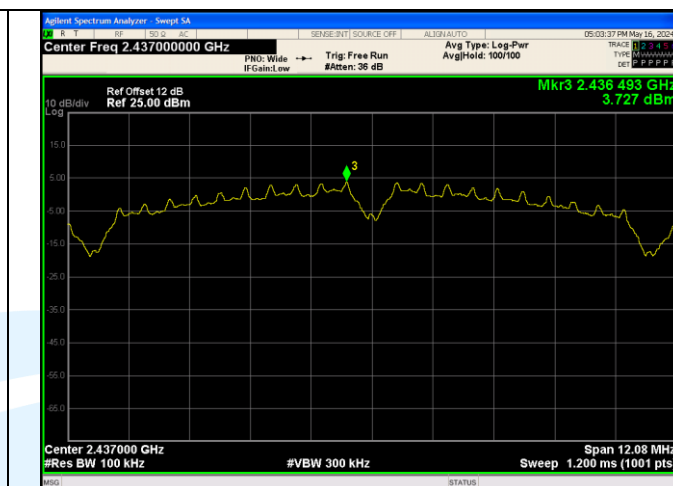
E-mail: info@uttlab.com

<http://www.uttlab.com>

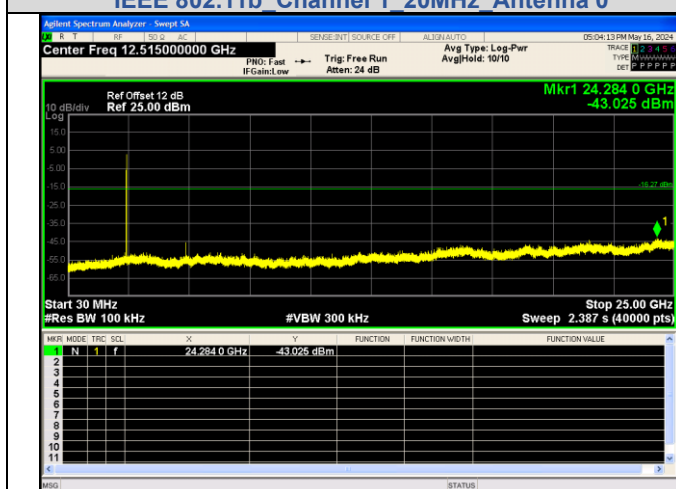
UTTR-RF-RSS247-V1.1



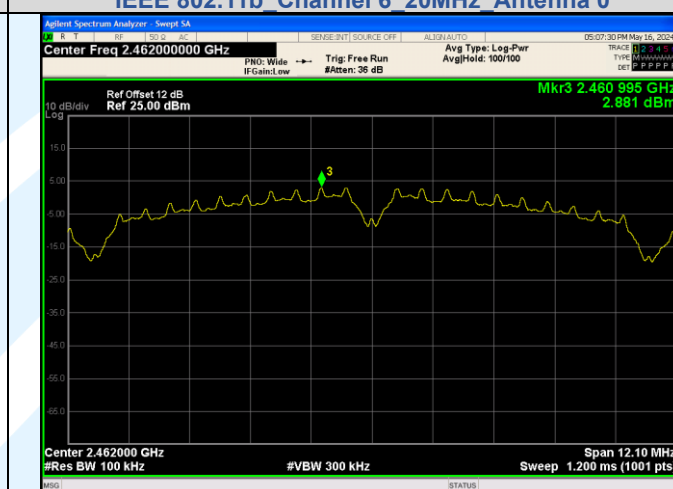
30.0 MHz - 25000.0 MHz
IEEE 802.11b Channel 1 20MHz Antenna 0



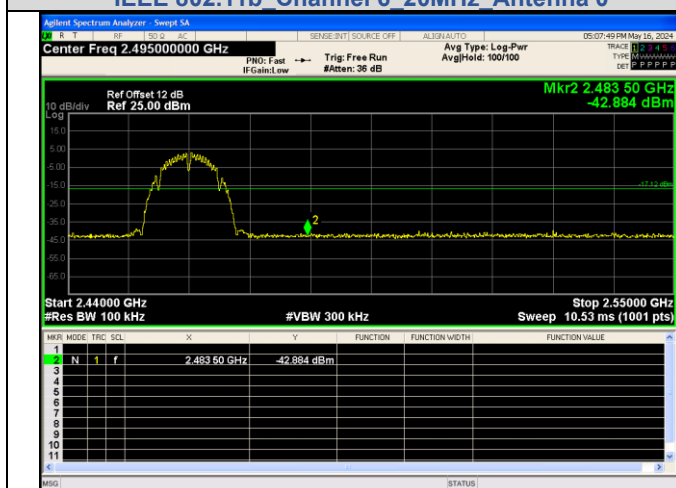
In-Band Reference Level
IEEE 802.11b Channel 6 20MHz Antenna 0



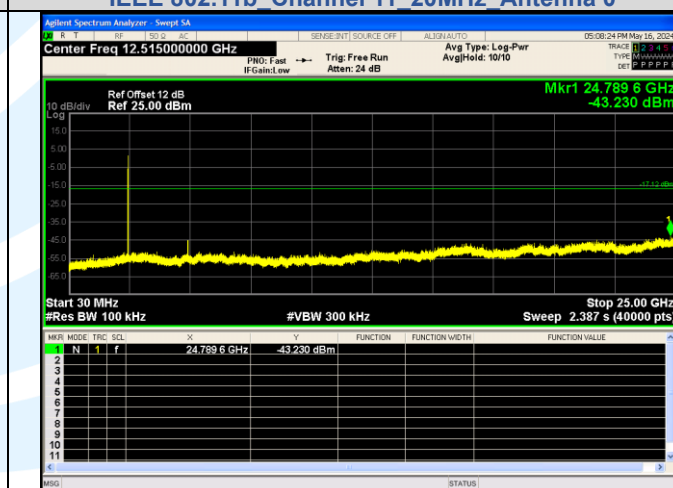
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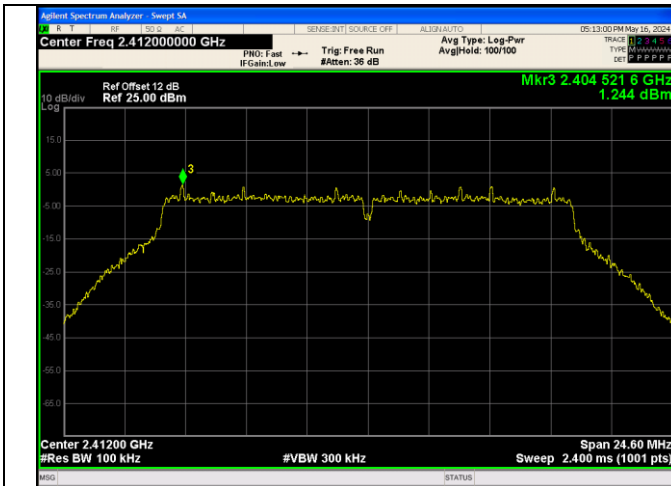
In-Band Reference Level
IEEE 802.11b Channel 11 20MHz Antenna 0



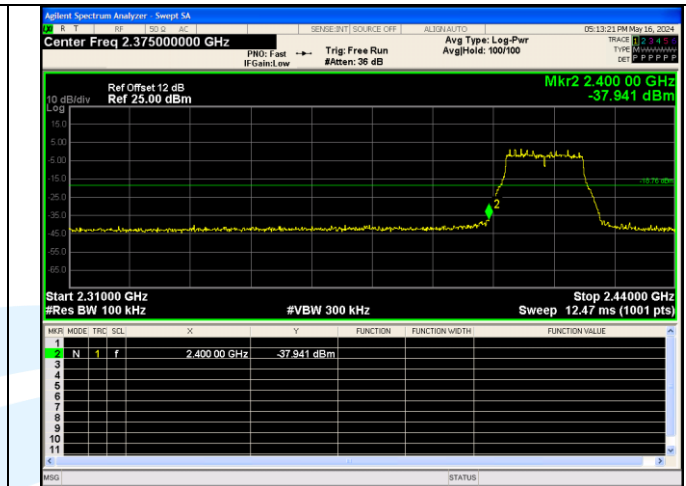
Out Of Band Emission
IEEE 802.11b Channel 11 20MHz Antenna 0



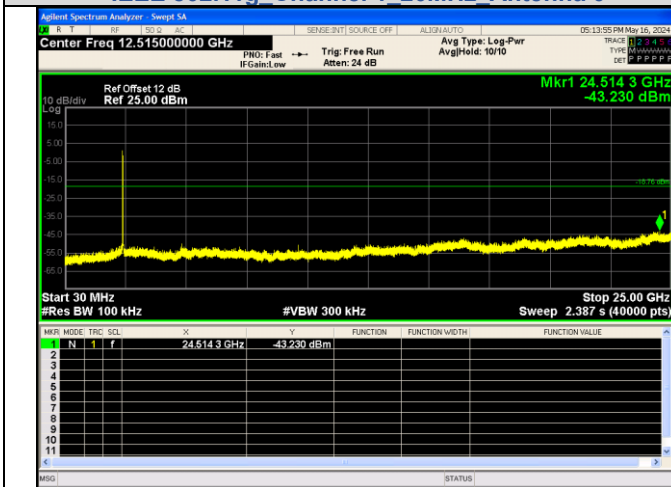
30.0 MHz - 25000.0 MHz
IEEE 802.11b Channel 11 20MHz Antenna 0



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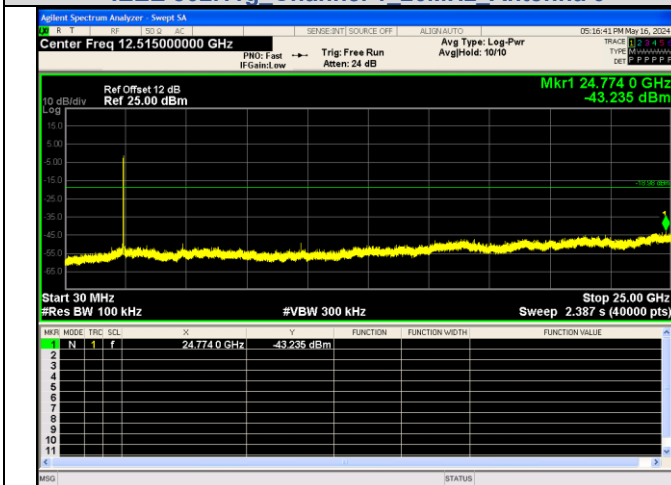
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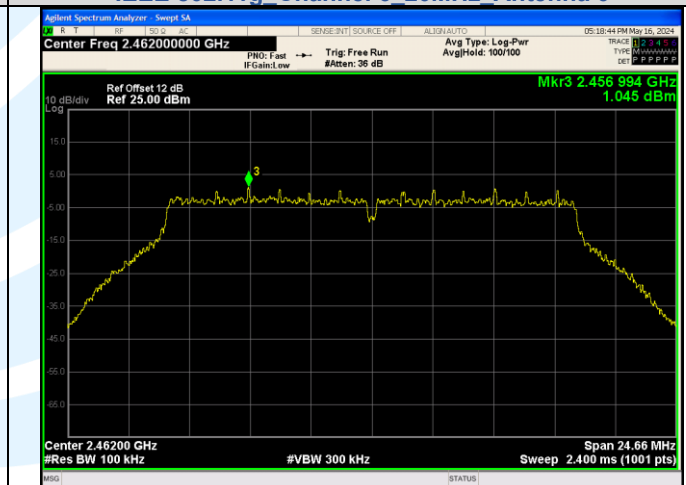
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IEEE 802.11g Channel 1 20MHz Antenna 0



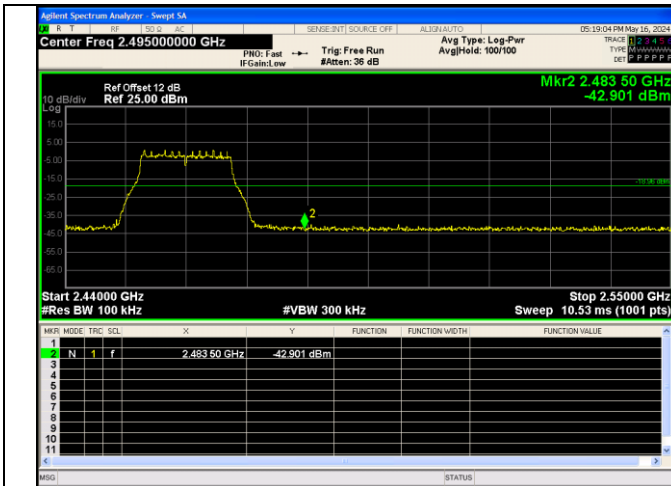
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IEEE 802.11g Channel 6 20MHz Antenna 0



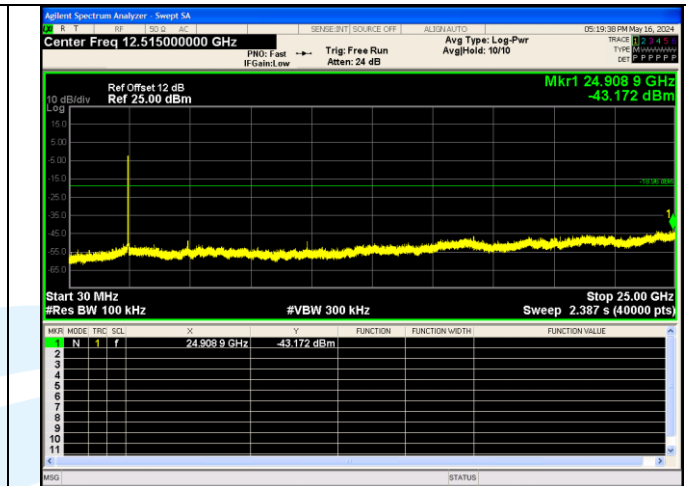
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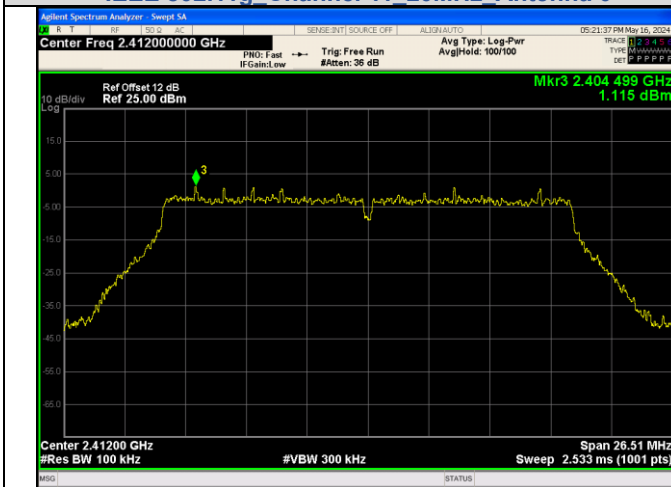
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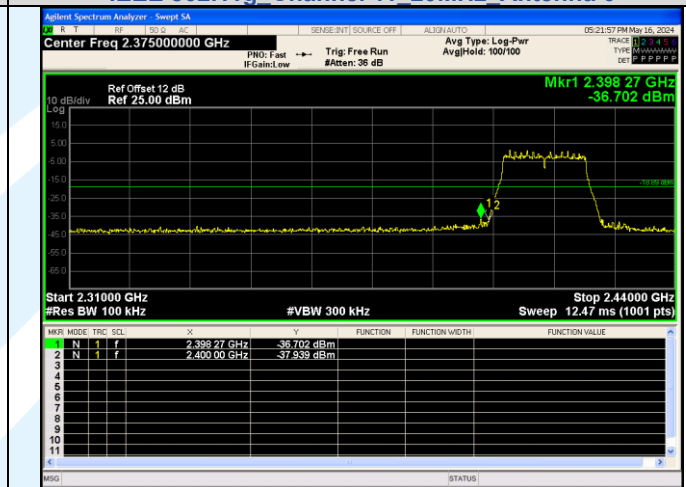
Out Of Band Emission
IEEE 802.11g Channel 11 20MHz Antenna 0



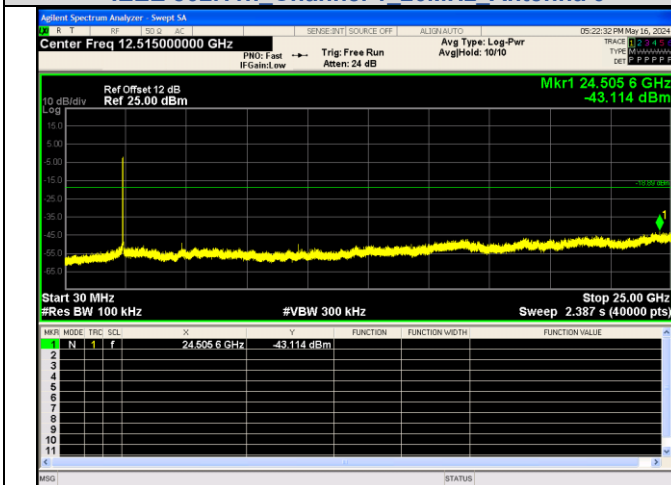
30.0 MHz - 25000.0 MHz
IEEE 802.11g Channel 11 20MHz Antenna 0



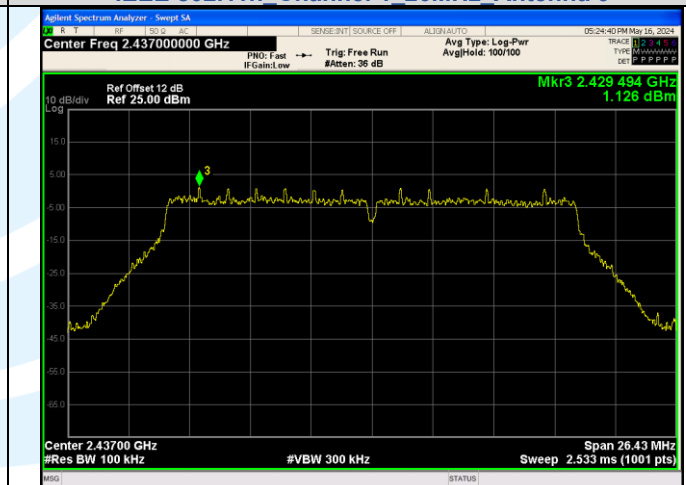
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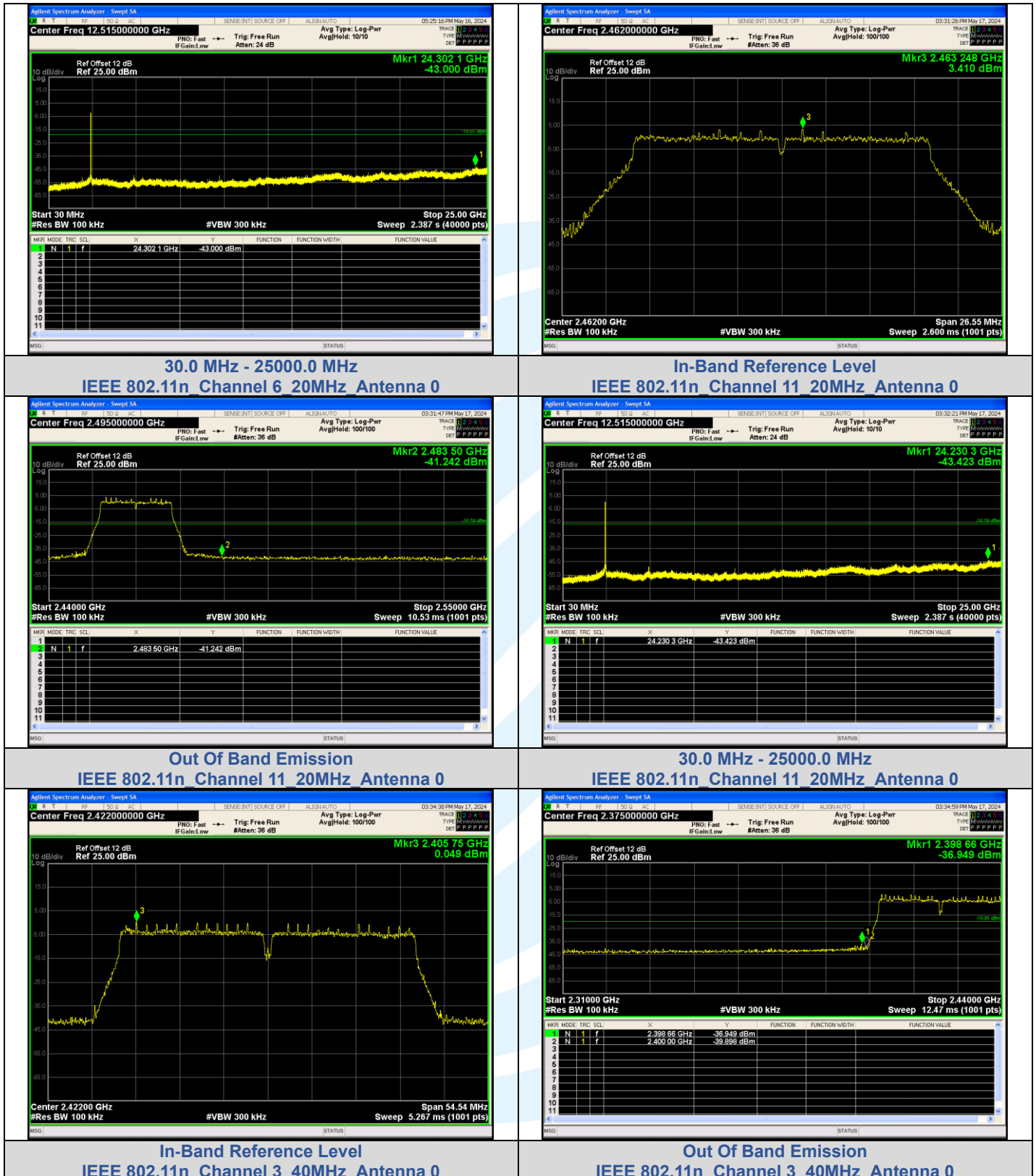
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IEEE 802.11n Channel 1 20MHz Antenna 0

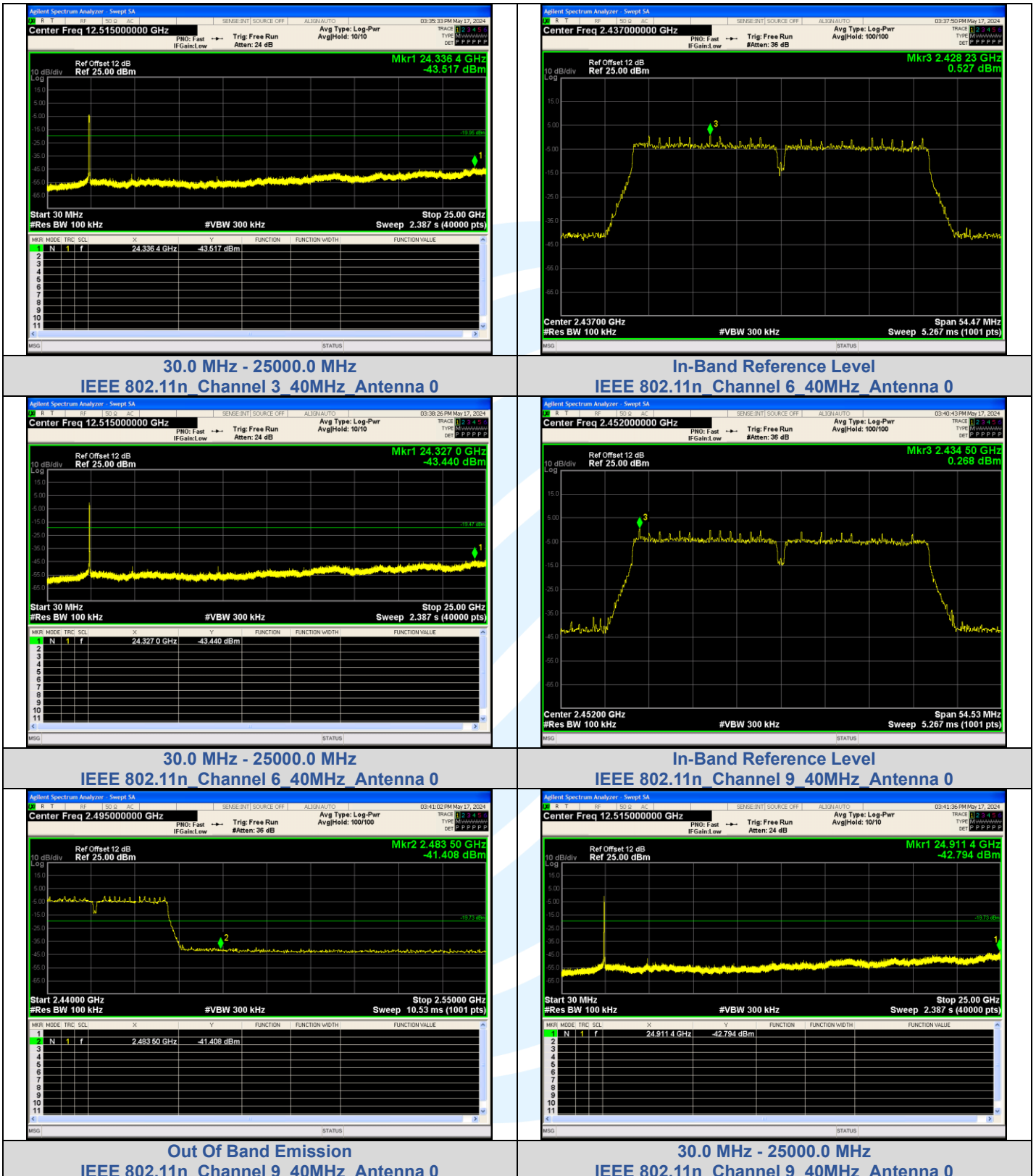


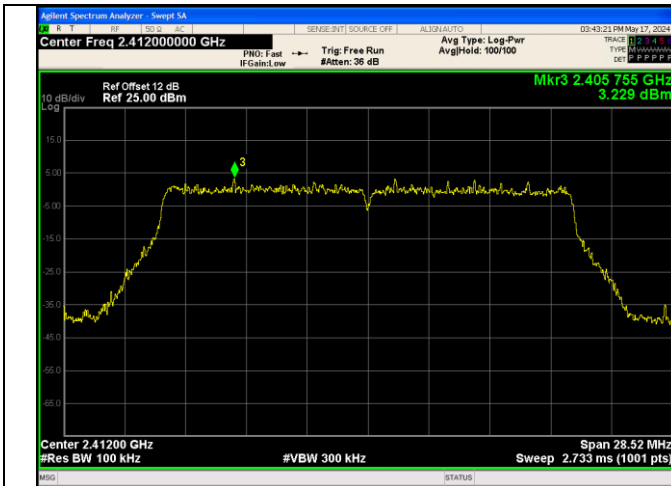
30.0 MHz - 25000.0 MHz
IEEE 802.11n Channel 1 20MHz Antenna 0



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

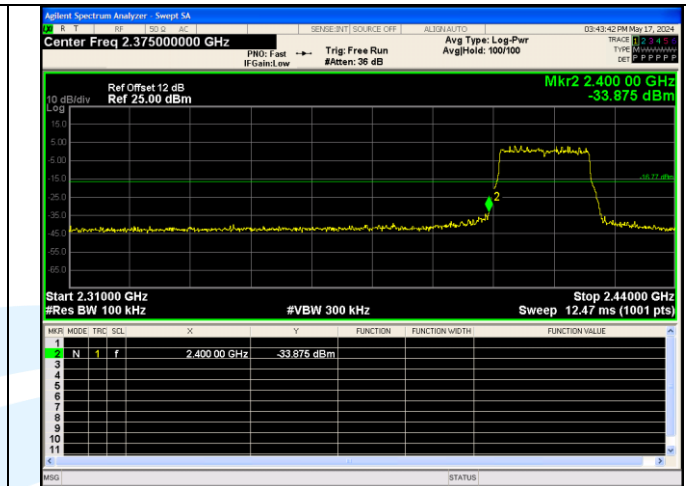






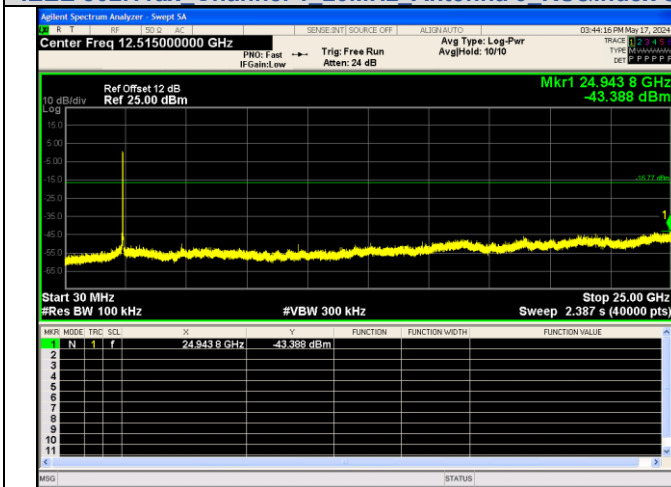
In-Band Reference Level

IEEE 802.11ax Channel 1 20MHz Antenna 0 RU&Index SU



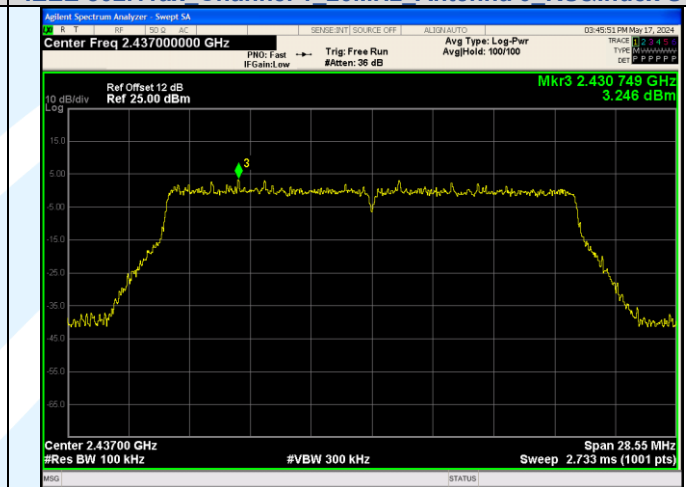
Out Of Band Emission

IEEE 802.11ax Channel 1 20MHz Antenna 0 RU&Index SU



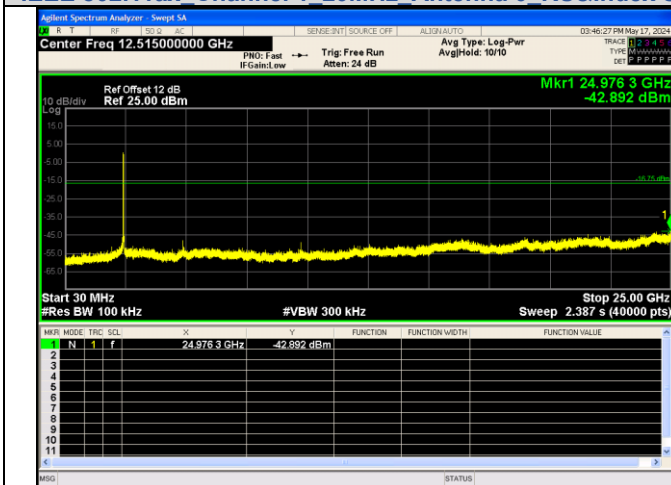
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IEEE 802.11ax Channel 1 20MHz Antenna 0 RU&Index SU



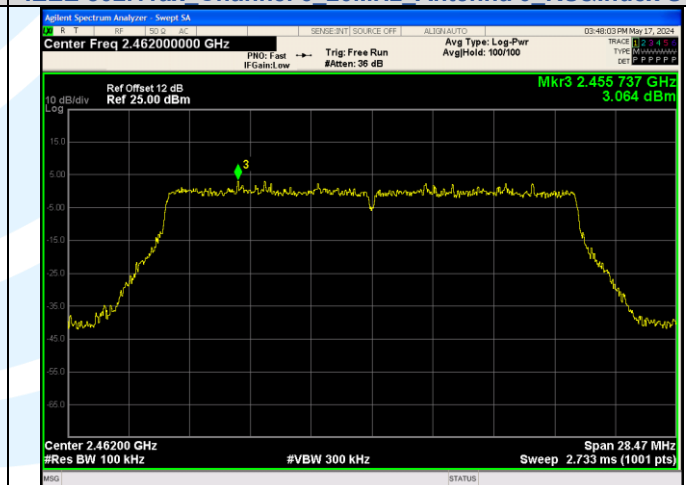
In-Band Reference Level

IEEE 802.11ax Channel 6 20MHz Antenna 0 RU&Index SU



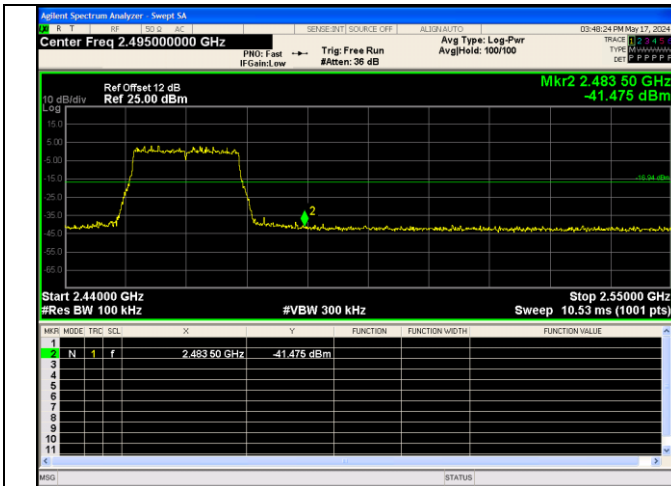
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IEEE 802.11ax_Channel 6_20MHz_Antenna 0_RU&Index SU

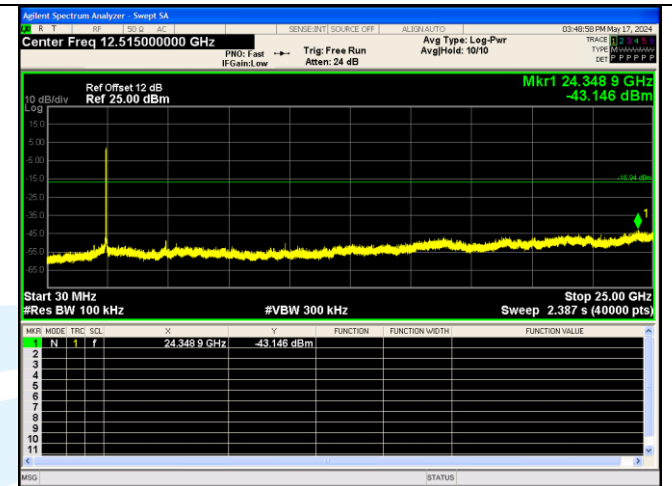


In-Band Reference Level

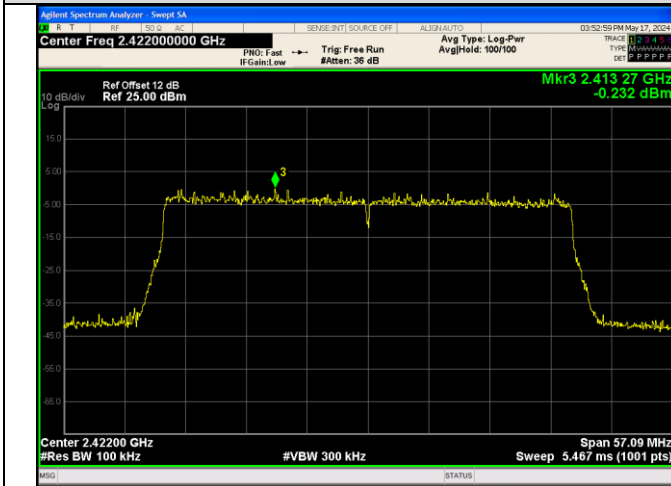
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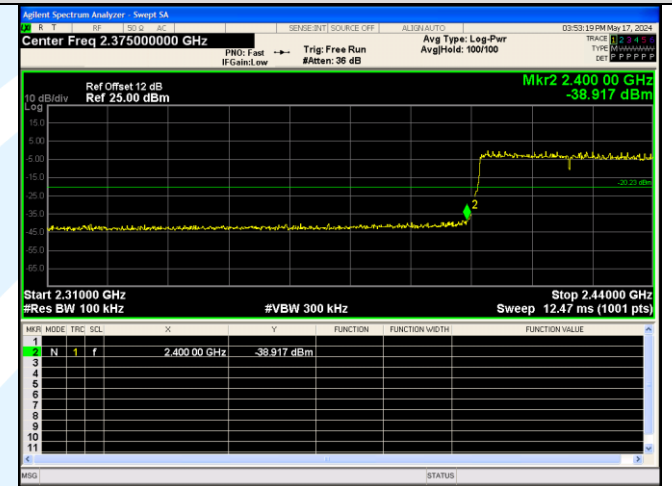
Out Of Band Emission
IEEE 802.11ax_Channel 11_20MHz_Antenna 0_RU&Index SU



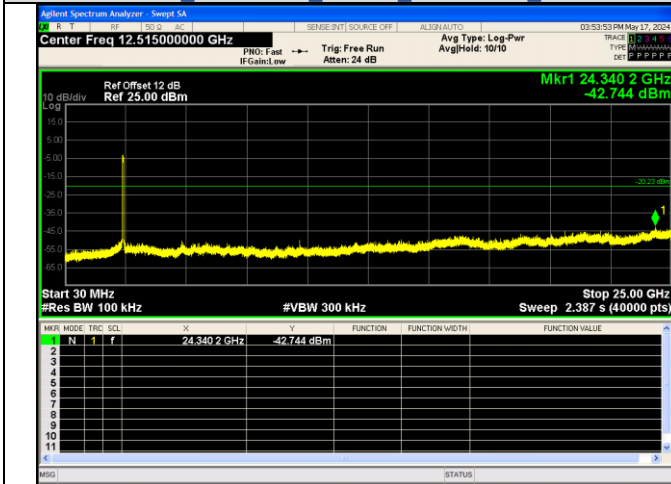
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IEEE 802.11ax_Channel 11_20MHz_Antenna 0_RU&Index SU



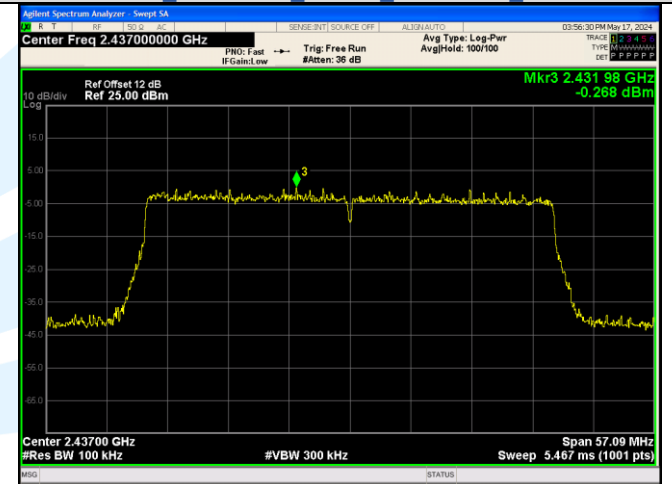
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IEEE 802.11ax_Channel 3_40MHz_Antenna 0_RU&Index SU



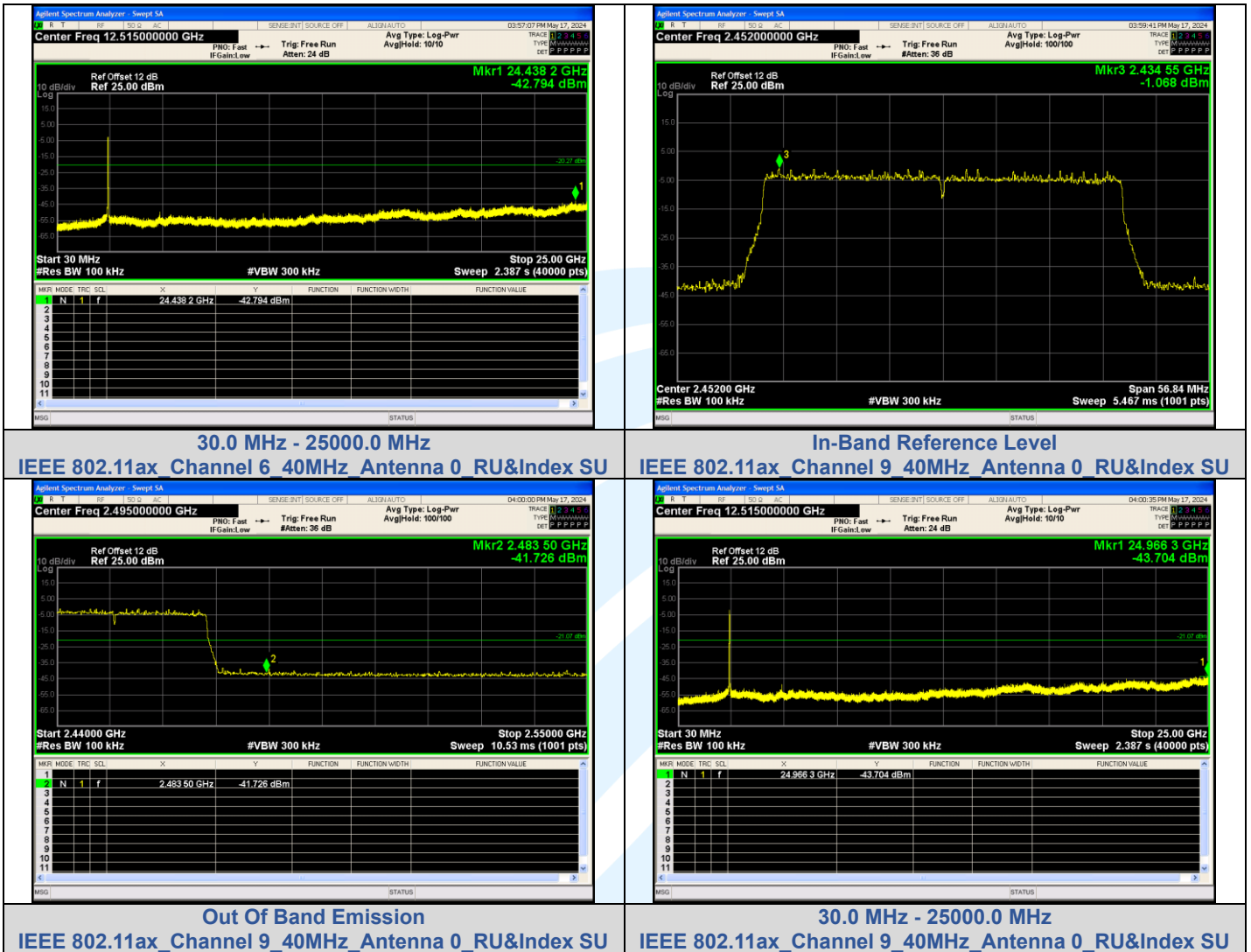
Out Of Band Emission
IEEE 802.11ax_Channel 3_40MHz_Antenna 0_RU&Index SU



30.0 MHz - 25000.0 MHz
IEEE 802.11ax_Channel 3_40MHz_Antenna 0_RU&Index SU



In-Band Reference Level
IEEE 802.11ax_Channel 6_40MHz_Antenna 0_RU&Index SU

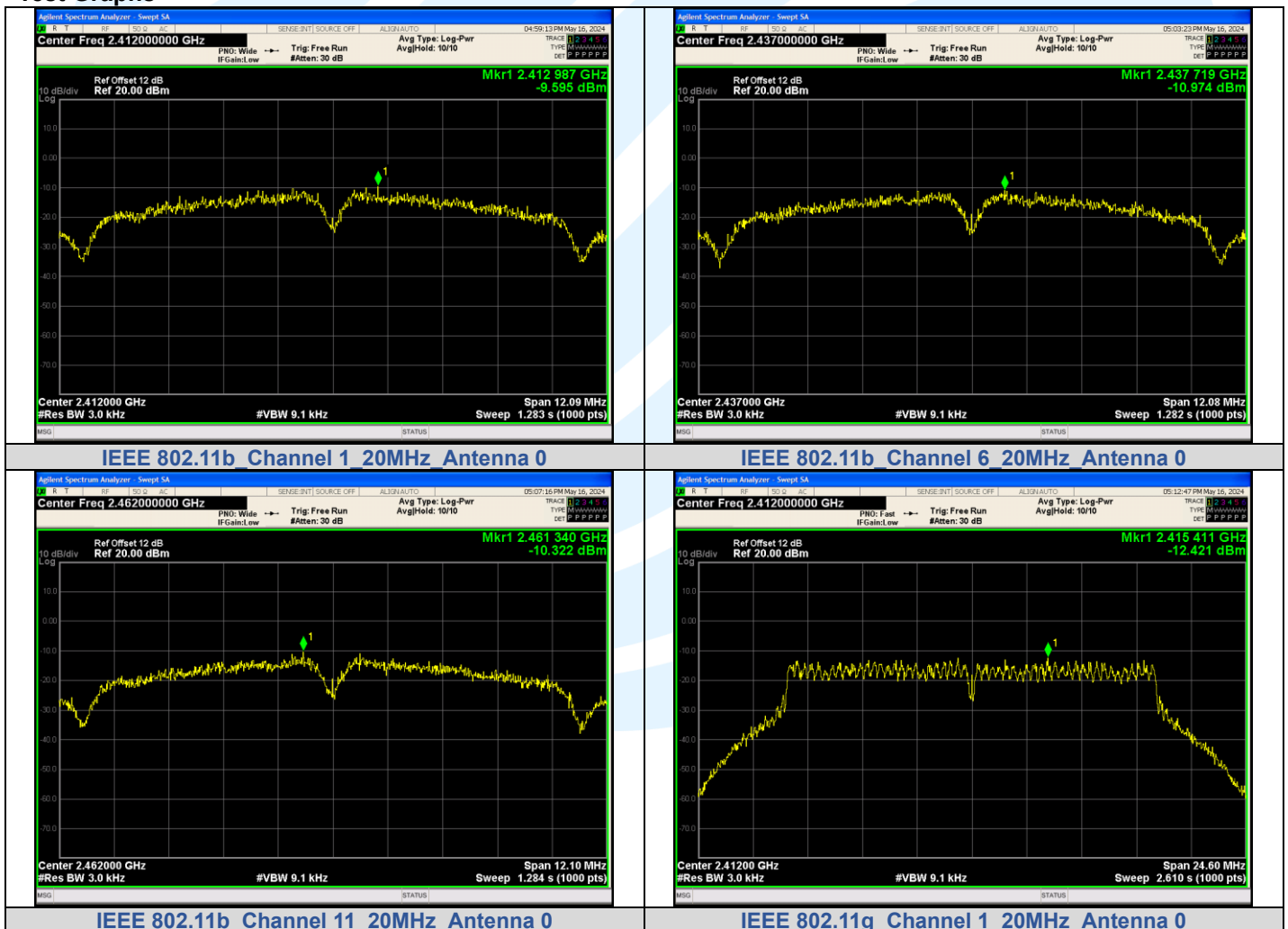


A.4 POWER SPECTRAL DENSITY

Test Result

Mode	Channel	RU & Index	PSD (dBm/3kHz) Ant. 0	Limit (dBm/3kHz)	Result
IEEE 802.11b	1	N/A	-9.595	8	PASS
	6		-10.974		PASS
	11		-10.322		PASS
IEEE 802.11g	1		-12.421		PASS
	6		-12.820		PASS
	11		-12.143		PASS
IEEE 802.11n_20	1		-13.344		PASS
	6		-12.770		PASS
	11		-10.512		PASS
IEEE 802.11n_40	3		-13.350		PASS
	6		-13.059		PASS
	9		-13.668		PASS
IEEE 802.11ax_20	1	SU	-11.190		PASS
	6		-10.251		PASS
	11		-11.553		PASS
IEEE 802.11ax_40	3		-12.989		PASS
	6		-13.905		PASS
	9		-15.338		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

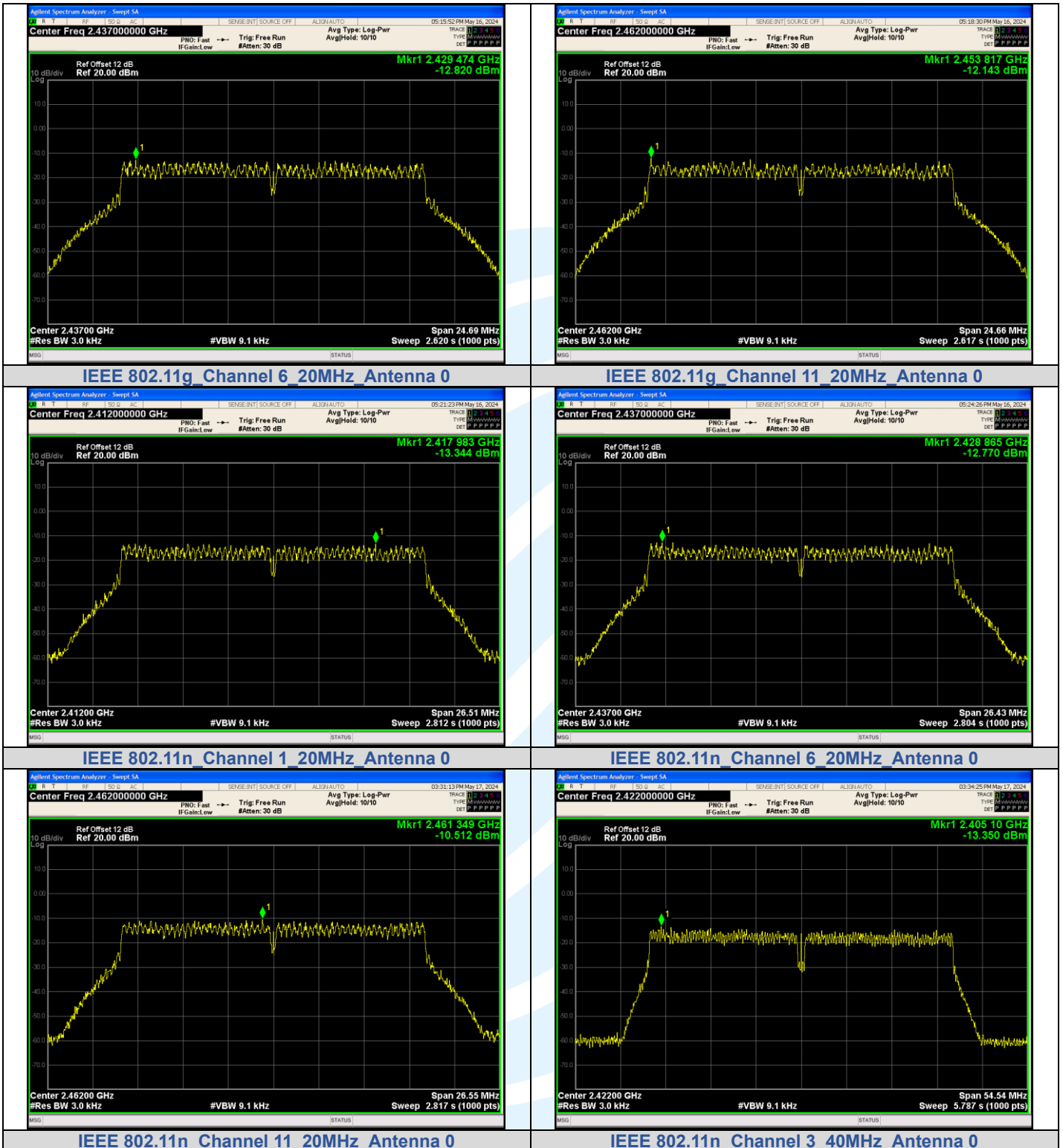
Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-RSS247-V1.1



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

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