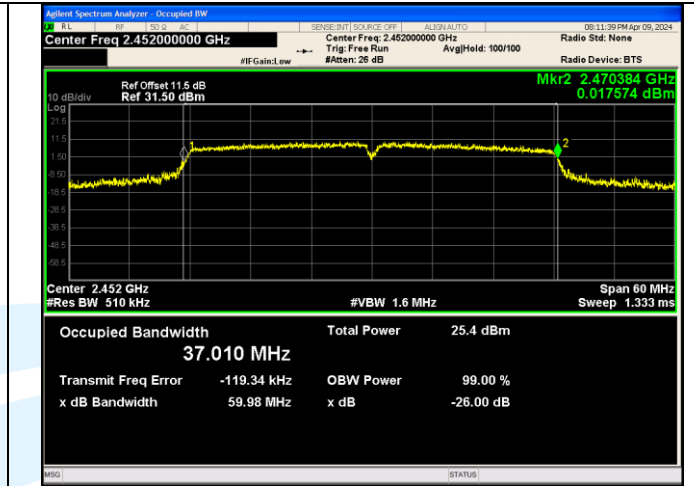
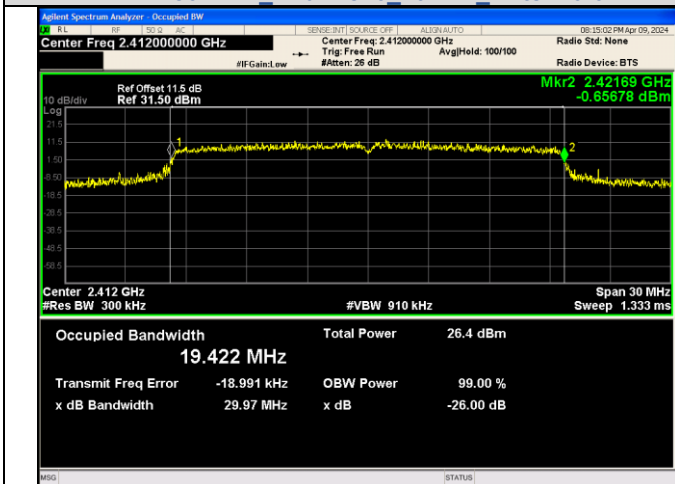


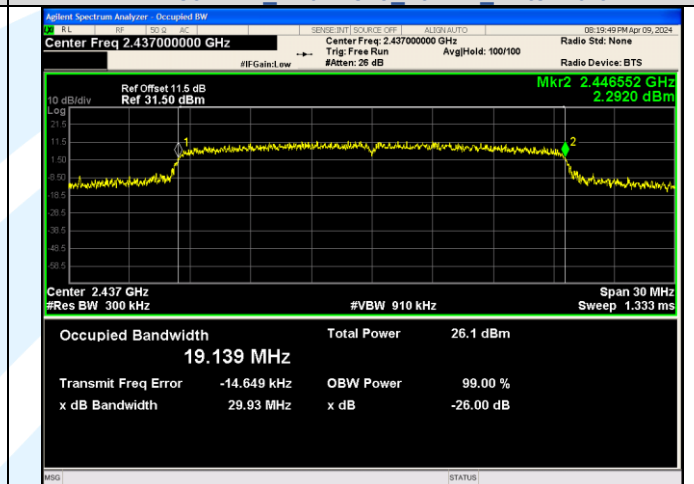
IEEE 802.11n Channel 6 40MHz Antenna 0



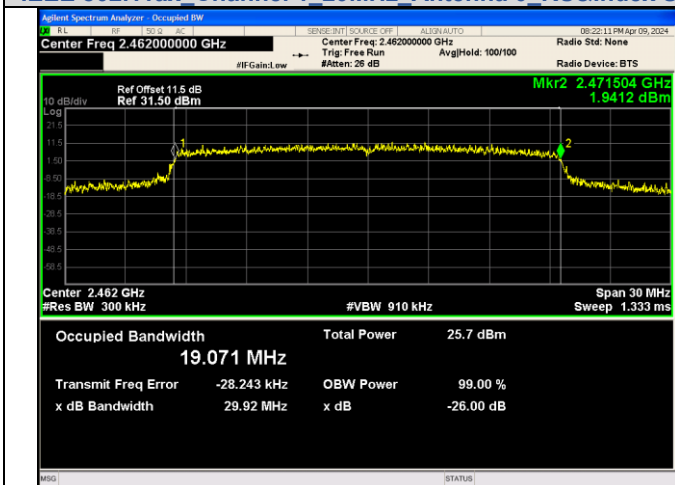
IEEE 802.11n Channel 9 40MHz Antenna 0



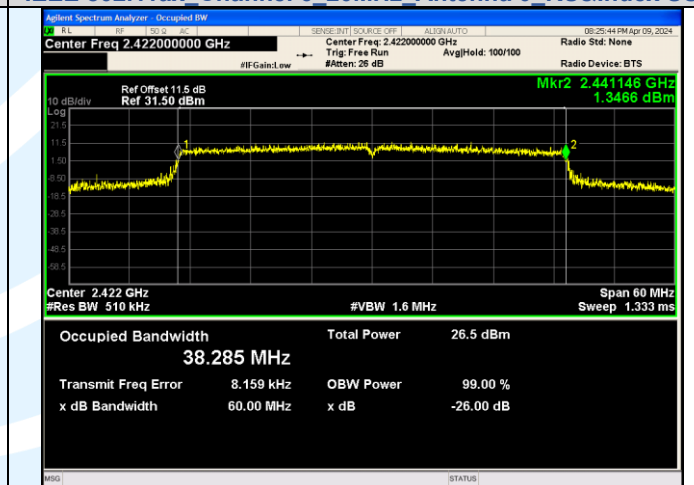
IEEE 802.11ax Channel 1 20MHz Antenna 0_RU&Index SU



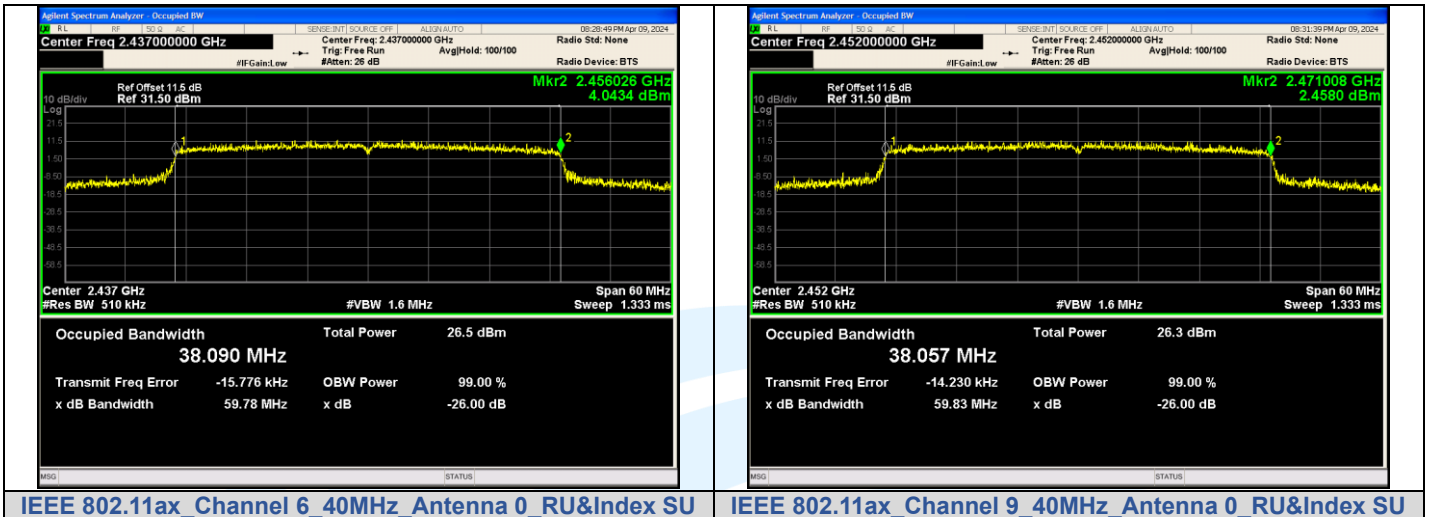
IEEE 802.11ax Channel 6 20MHz Antenna 0_RU&Index SU



IEEE 802.11ax Channel 11 20MHz Antenna 0_RU&Index SU



IEEE 802.11ax Channel 3 40MHz Antenna 0_RU&Index SU



IEEE 802.11ax_Channel 6_40MHz_Antenna 0_RU&Index SU

IEEE 802.11ax_Channel 9_40MHz_Antenna 0_RU&Index SU

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>

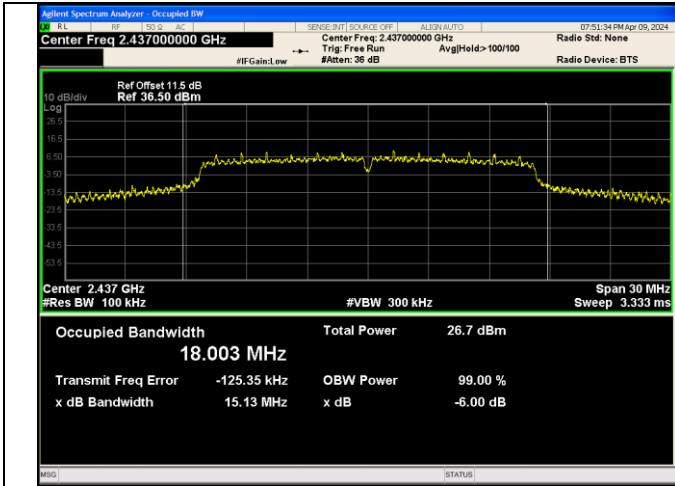
UTTR-RF-FCCPART15.247-V1.2

A.2 6DB BANDWIDTH

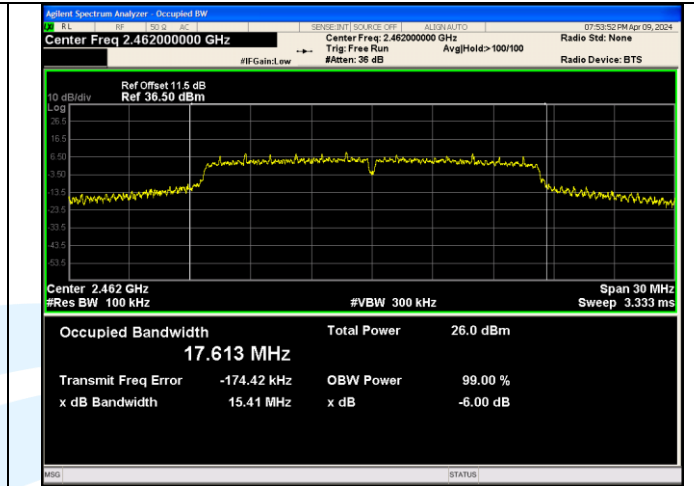
Mode	Channel	RU & Index	Ant.	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
IEEE 802.11b	1	N/A	0	2412	10.07	0.5	PASS
	6			2437	10.01		PASS
	11			2462	9.582		PASS
IEEE 802.11g	1			2412	15.46		PASS
	6			2437	15.13		PASS
	11			2462	15.41		PASS
IEEE 802.11n_20	1			2412	16.25		PASS
	6			2437	16.27		PASS
	11			2462	16.64		PASS
IEEE 802.11n_40	3			2422	35.25		PASS
	6			2437	35.07		PASS
	9			2452	35.09		PASS
IEEE 802.11ax_20	1	SU	0	2412	17.43	0.5	PASS
	6			2437	17.73		PASS
	11			2462	16.91		PASS
IEEE 802.11ax_40	3			2422	36.57		PASS
	6			2437	36.36		PASS
	9			2452	35.59		PASS

Test Graphs

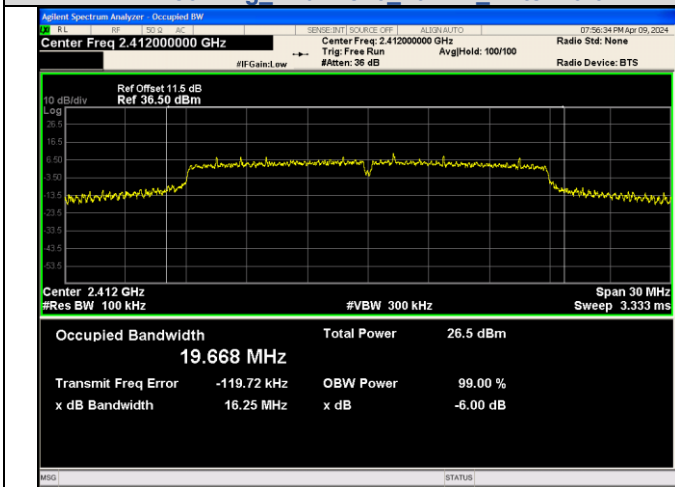




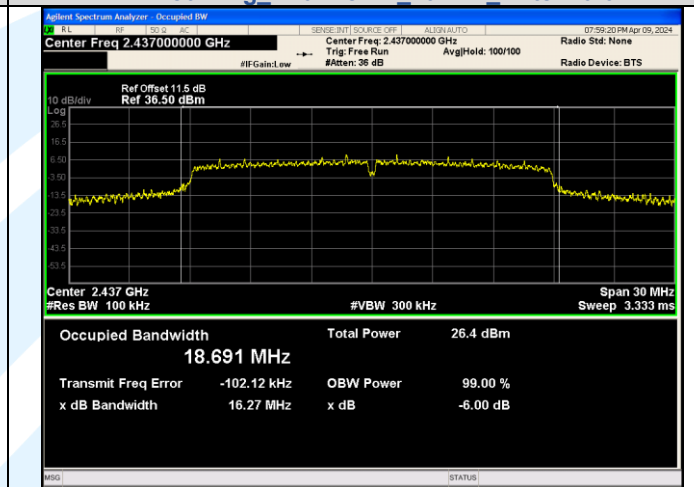
IEEE 802.11g Channel 6 20MHz Antenna 0



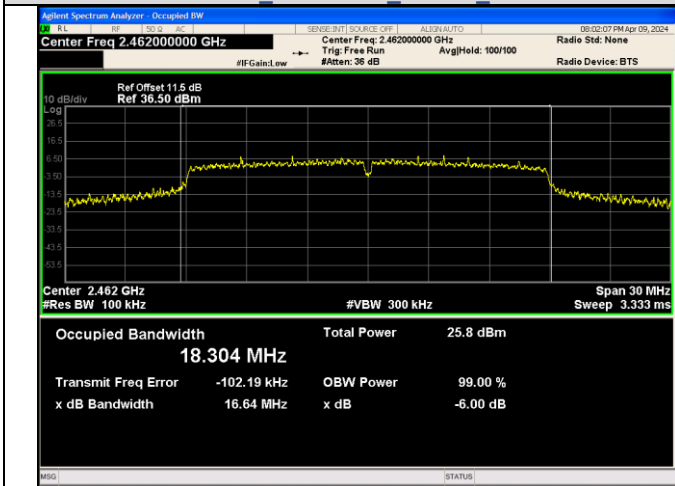
IEEE 802.11g Channel 11 20MHz Antenna 0



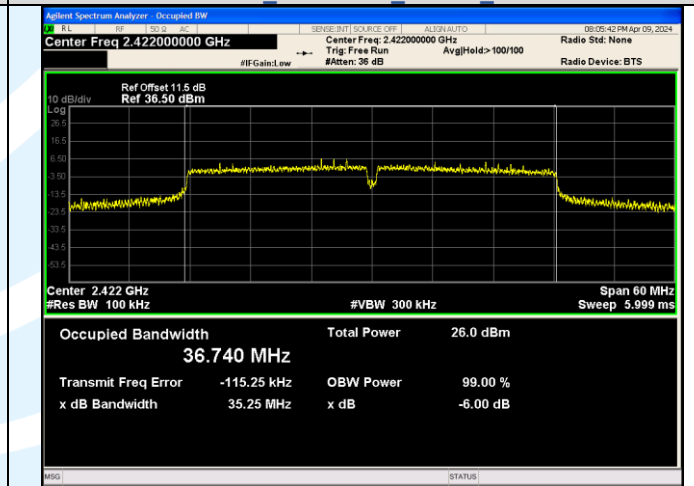
IEEE 802.11n Channel 1 20MHz Antenna 0



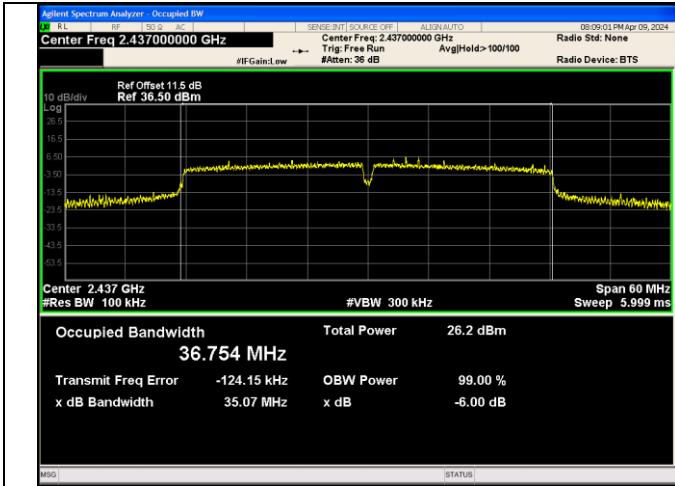
IEEE 802.11n Channel 6 20MHz Antenna 0



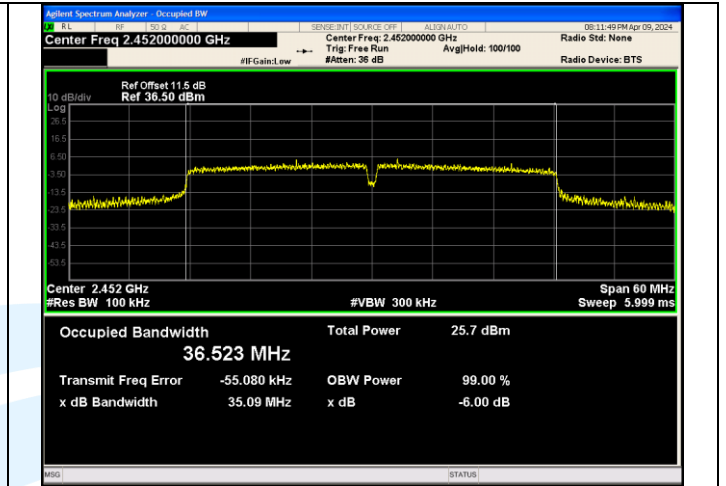
IEEE 802.11n Channel 11 20MHz Antenna 0



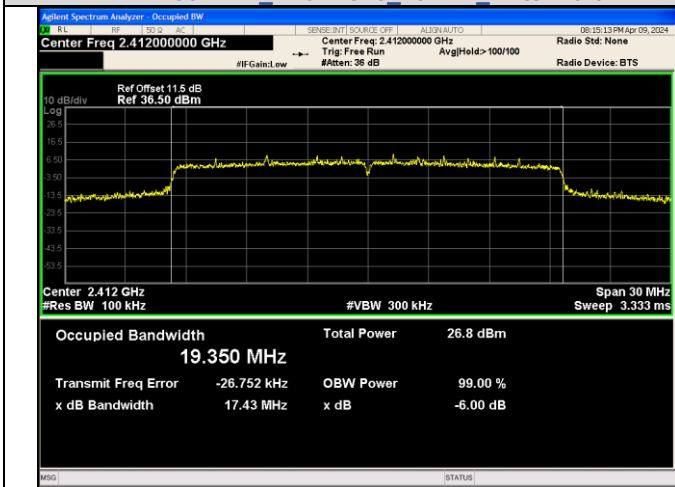
IEEE 802.11n Channel 3 40MHz Antenna 0



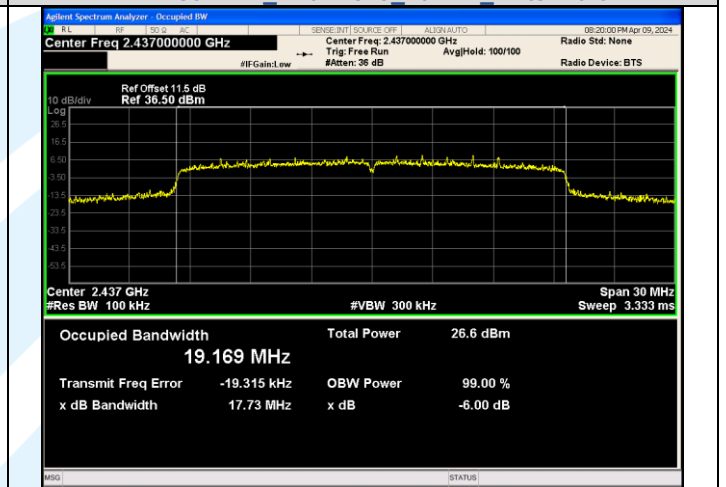
IEEE 802.11n Channel 6 40MHz Antenna 0



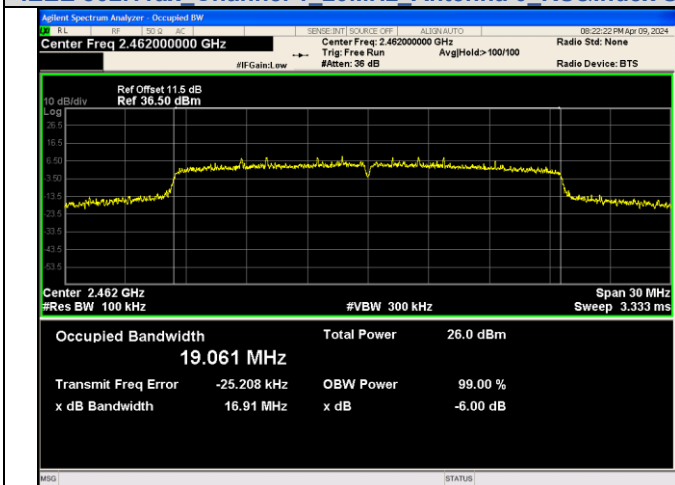
IEEE 802.11n Channel 9 40MHz Antenna 0



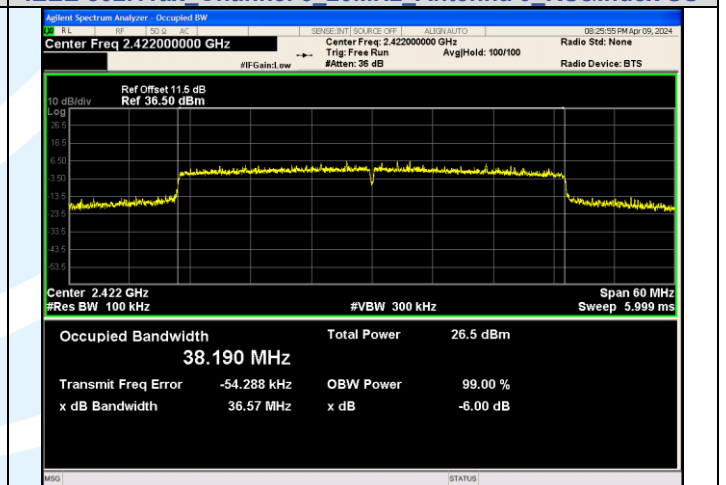
IEEE 802.11ax Channel 1 20MHz Antenna 0_RU&Index SU



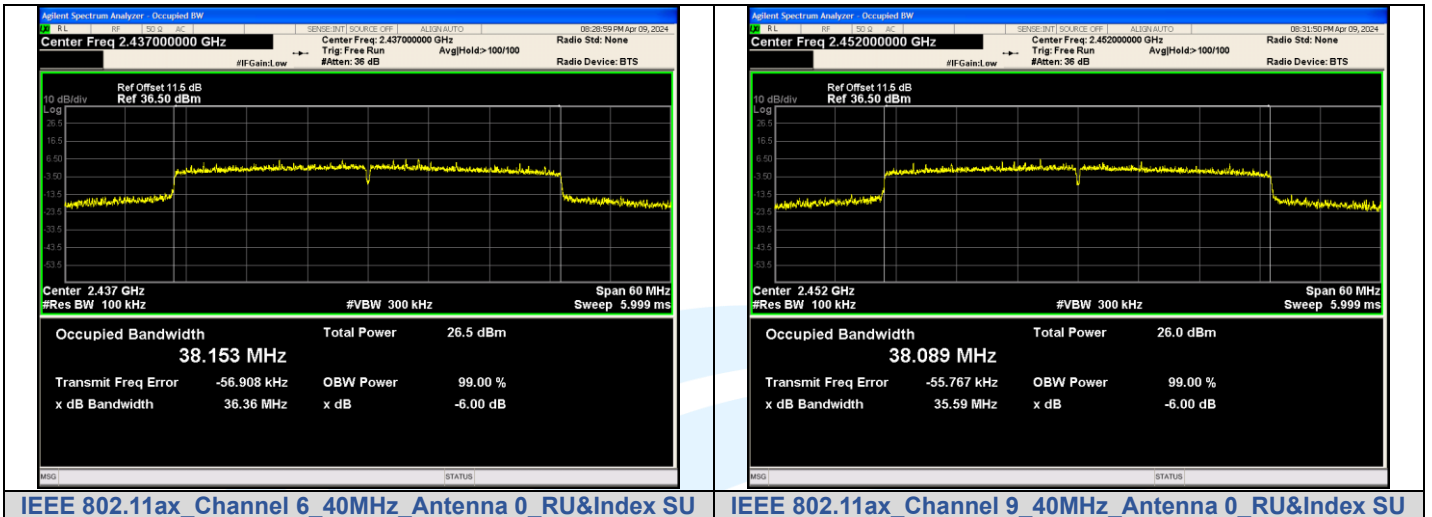
IEEE 802.11ax Channel 6 20MHz Antenna 0_RU&Index SU



IEEE 802.11ax Channel 11 20MHz Antenna 0_RU&Index SU



IEEE 802.11ax Channel 3 40MHz Antenna 0_RU&Index SU



IEEE 802.11ax_Channel 6_40MHz_Antenna 0_RU&Index SU

IEEE 802.11ax_Channel 9_40MHz_Antenna 0_RU&Index SU

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

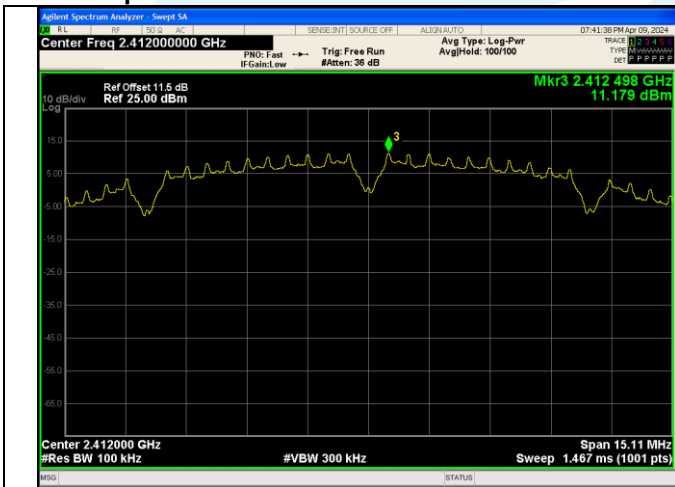
<http://www.uttlab.com>

UTTR-RF-FCCPART15.247-V1.2

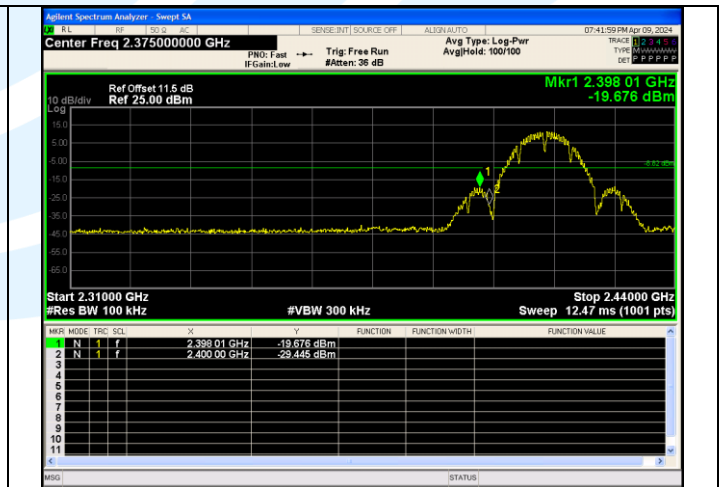
A.3 CONDUCTED OUT OF BAND EMISSION

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	-29.445	-8.82	-20.625	PASS
				2398.01	-19.676	-8.82	-10.856	PASS
				4823.70	-35.990	-8.82	-27.170	PASS
				4873.68	-36.479	-9.18	-27.299	PASS
				2483.50	-42.257	-9.78	-32.477	PASS
4924.24	-36.376			-9.78	-26.596	PASS		
IEEE 802.11g	1			2400.00	-12.668	-9.83	-2.838	PASS
				24971.3	-43.033	-9.83	-33.203	PASS
				24223.4	-43.862	-10.46	-33.402	PASS
				2483.50	-27.969	-10.82	-17.149	PASS
IEEE 802.11n_20	1			24303.3	-43.129	-10.82	-32.309	PASS
				2400.00	-12.752	-10.0	-2.752	PASS
				2398.92	-11.078	-10.0	-1.078	PASS
IEEE 802.11n_40	3			24958.8	-43.757	-10.0	-33.757	PASS
				24689.1	-44.008	-10.93	-33.078	PASS
		2483.50	-24.004	-11.23	-12.774	PASS		
		24963.8	-42.816	-11.23	-31.586	PASS		
IEEE 802.11ax_40	6	2400.00	-16.642	-13.84	-2.802	PASS		
		2394.50	-14.430	-13.84	-0.590	PASS		
		24999.4	-43.507	-13.84	-29.667	PASS		
		24847.7	-44.373	-13.94	-30.433	PASS		
IEEE 802.11ax_40	9	2483.50	-19.252	-14.14	-5.112	PASS		
		24986.3	-43.182	-14.14	-29.042	PASS		
		2400.00	-12.425	-9.92	-2.505	PASS		
		2398.53	-11.992	-9.92	-2.072	PASS		
IEEE 802.11ax_20	11	24342.0	-43.199	-9.92	-33.279	PASS		
		24612.3	-43.435	-10.06	-33.375	PASS		
		2483.50	-24.010	-10.64	-13.370	PASS		
		24319.6	-43.807	-10.64	-33.167	PASS		
IEEE 802.11ax_40	3	2400.00	-14.842	-13.82	-1.022	PASS		
		2398.79	-14.003	-13.82	-0.183	PASS		
		24988.8	-44.142	-13.82	-30.322	PASS		
		24254.0	-42.567	-13.38	-29.187	PASS		
		2483.50	-19.879	-13.78	-6.099	PASS		
				24951.9	-44.105	-13.78	-30.325	PASS

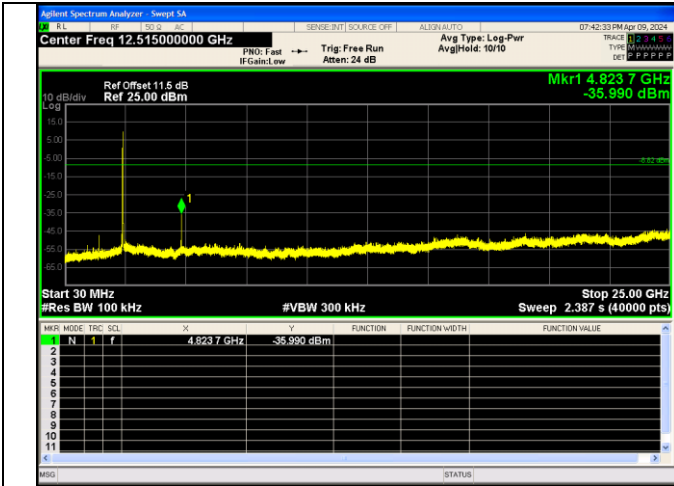
Test Graphs



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



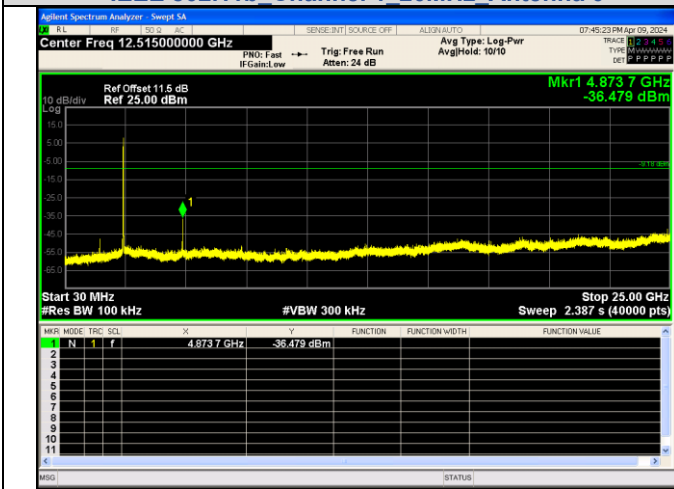
Out Of Band Emission
 IEEE 802.11b Channel 1 20MHz Antenna 0



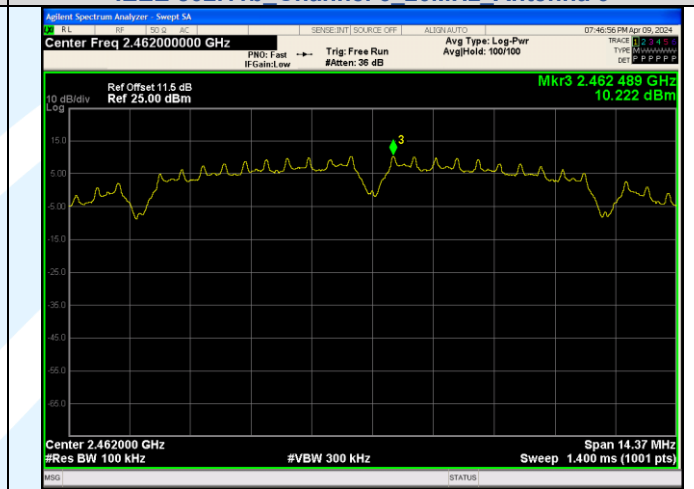
Spurious Emission
IEEE 802.11b Channel 1 20MHz Antenna 0



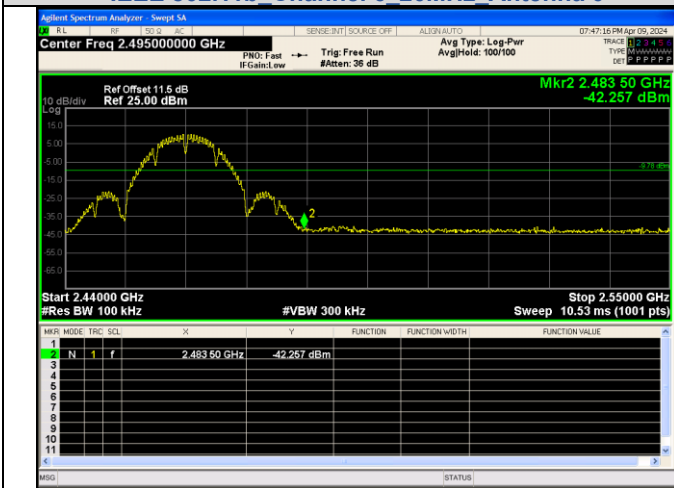
In-Band Reference Level
IEEE 802.11b Channel 6 20MHz Antenna 0



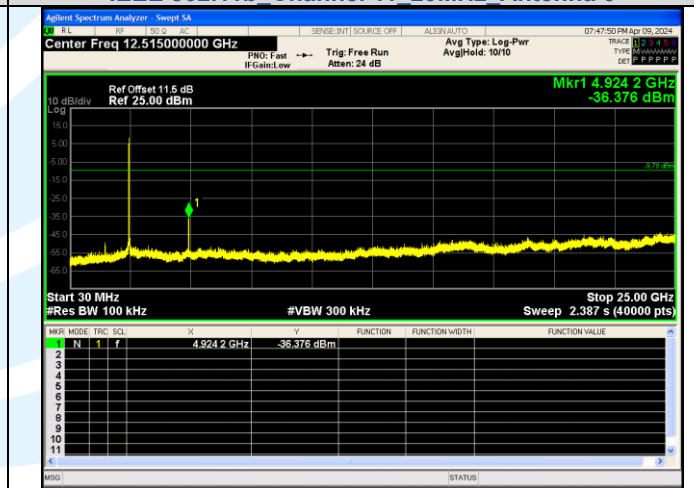
Spurious Emissions
IEEE 802.11b Channel 6 20MHz Antenna 0



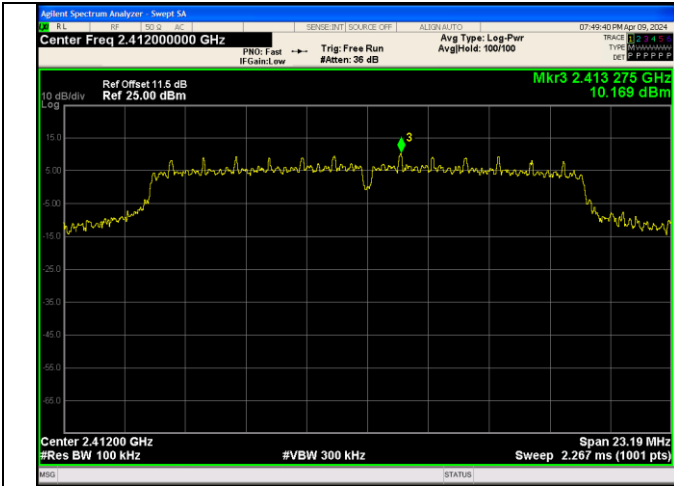
In-Band Reference Level
IEEE 802.11b Channel 11 20MHz Antenna 0



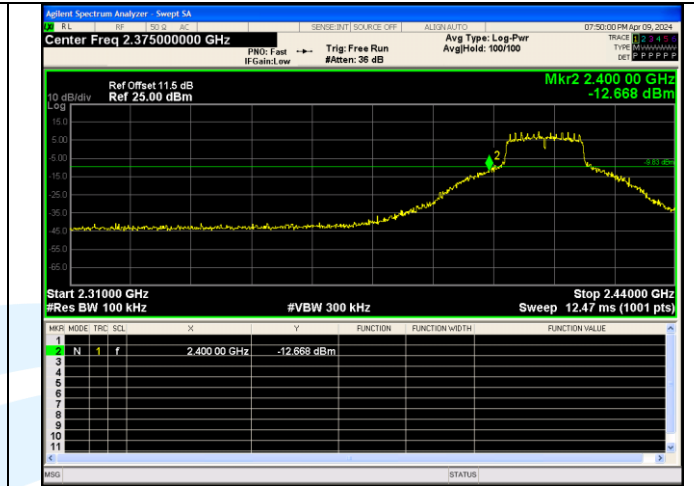
Out Of Band Emission
IEEE 802.11b Channel 11 20MHz Antenna 0



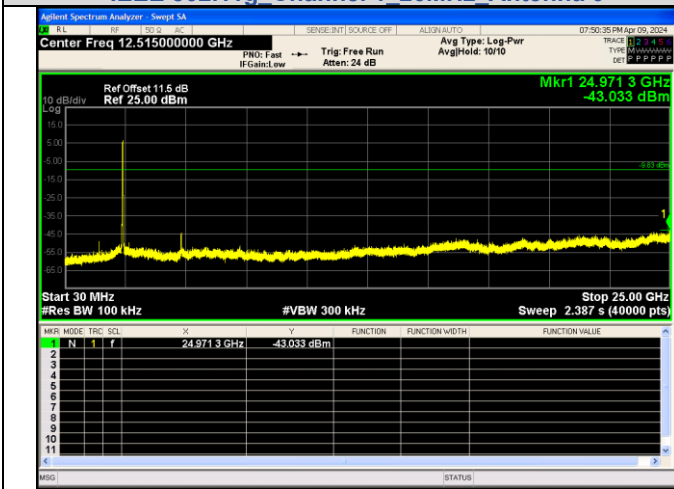
Spurious Emission
IEEE 802.11b Channel 11 20MHz Antenna 0



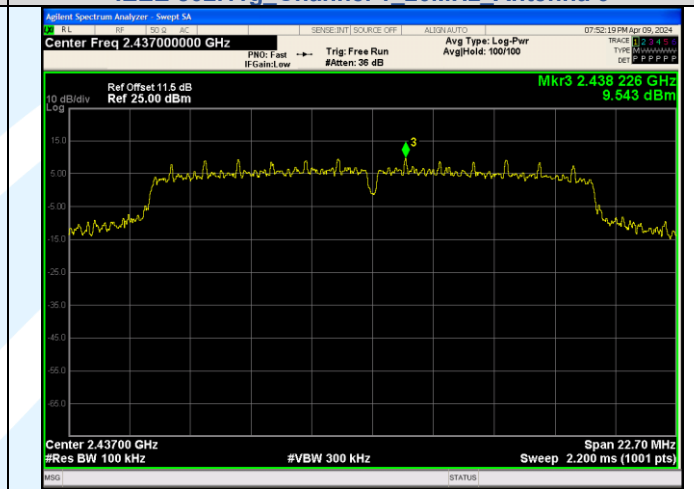
In-Band Reference Level
IEEE 802.11g Channel 1 20MHz Antenna 0



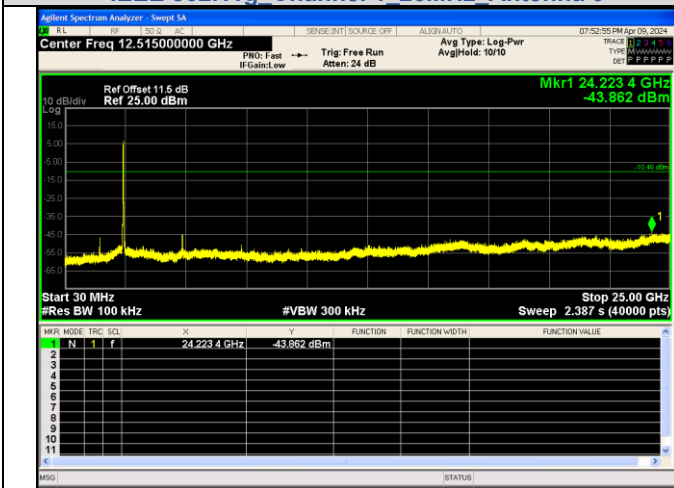
Out Of Band Emission
IEEE 802.11g Channel 1 20MHz Antenna 0



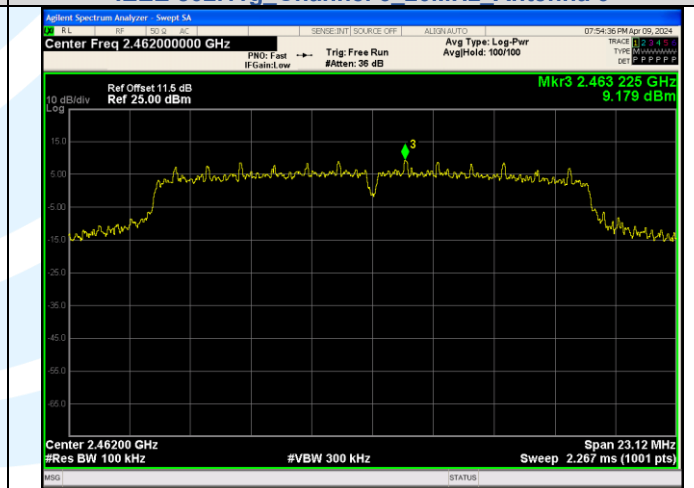
Spurious Emission
IEEE 802.11g Channel 1 20MHz Antenna 0



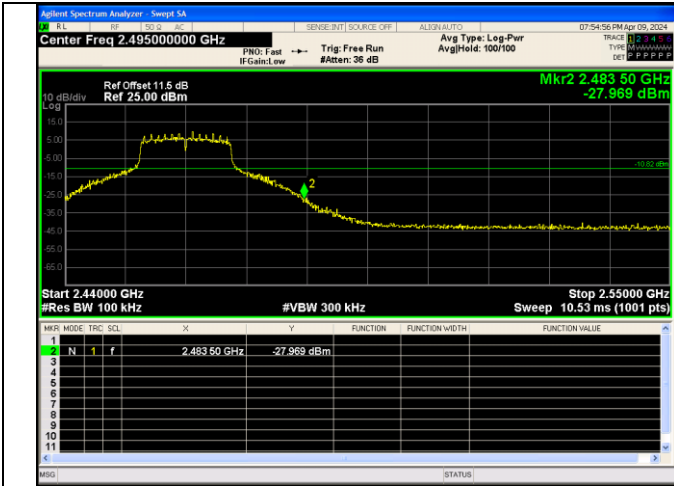
In-Band Reference Level
IEEE 802.11g Channel 6 20MHz Antenna 0



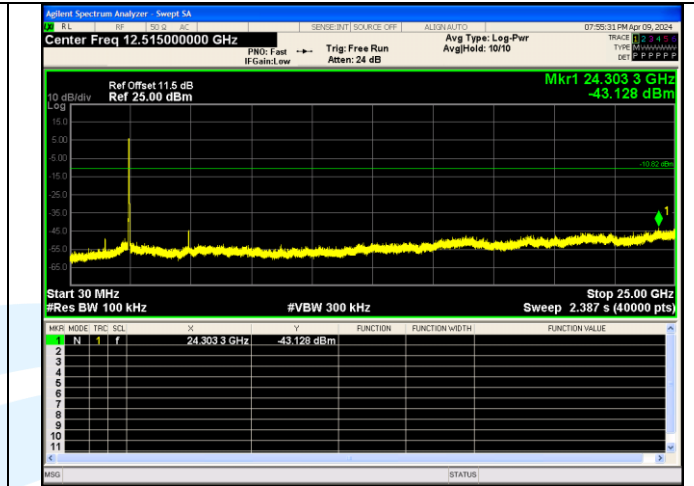
Spurious Emissions
IEEE 802.11g Channel 6 20MHz Antenna 0



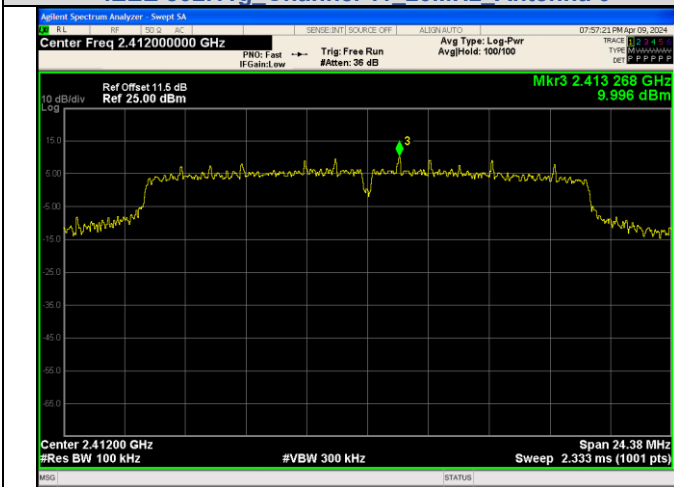
In-Band Reference Level
IEEE 802.11g Channel 11 20MHz Antenna 0



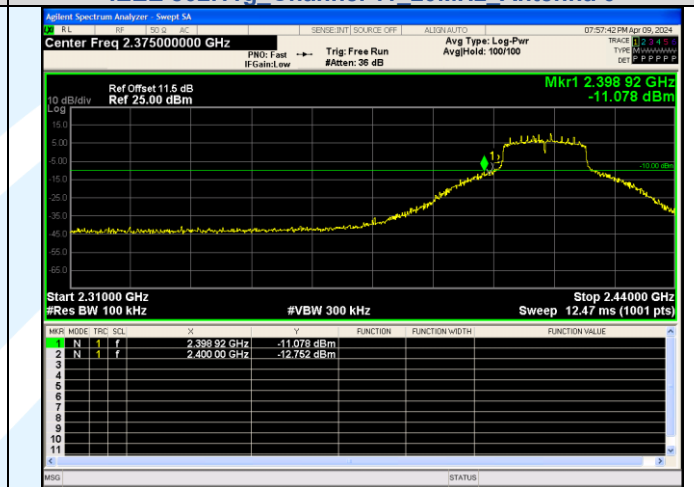
Out Of Band Emission
IEEE 802.11g Channel 11 20MHz Antenna 0



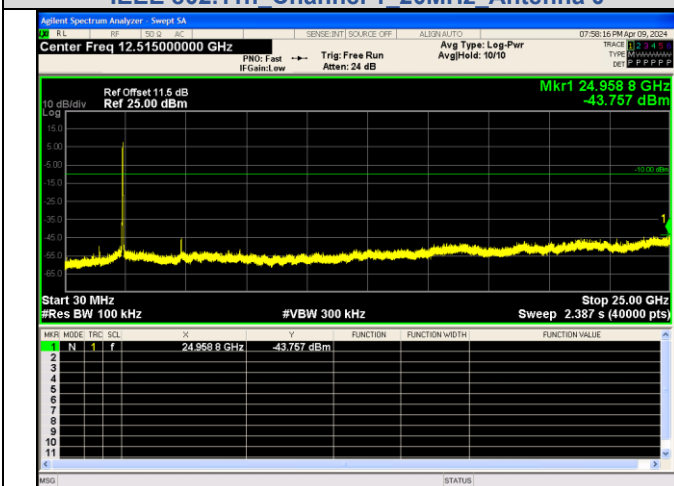
Spurious Emission
IEEE 802.11g Channel 11 20MHz Antenna 0



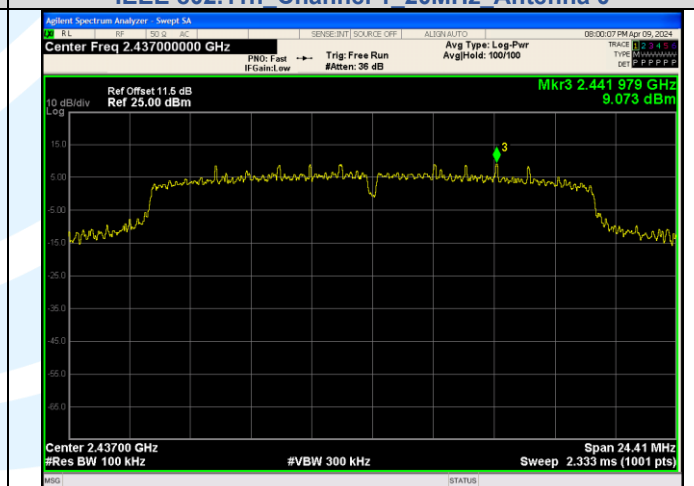
In-Band Reference Level
IEEE 802.11n Channel 1 20MHz Antenna 0



Out Of Band Emission
IEEE 802.11n Channel 1 20MHz Antenna 0



Spurious Emission
IEEE 802.11n Channel 1 20MHz Antenna 0



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