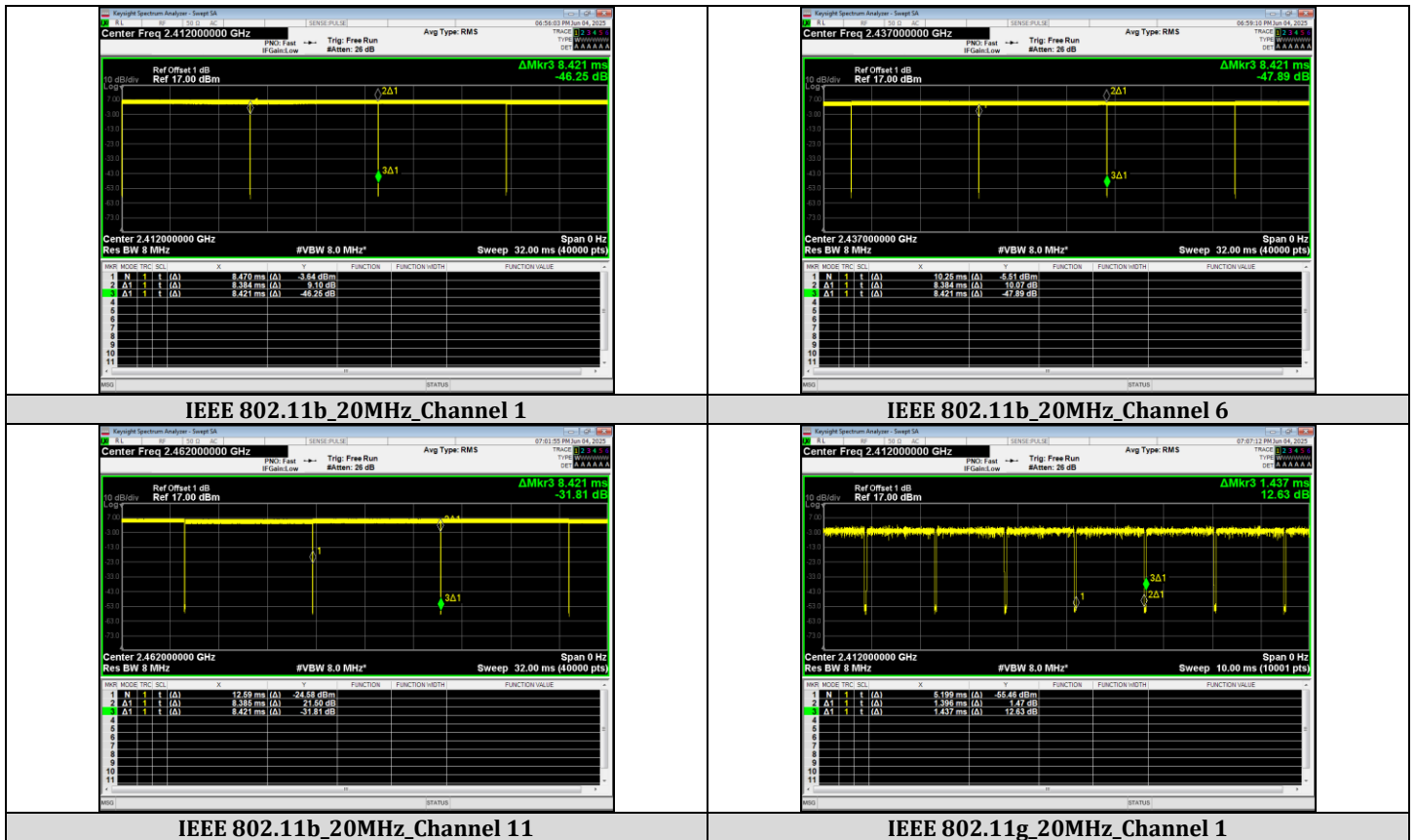
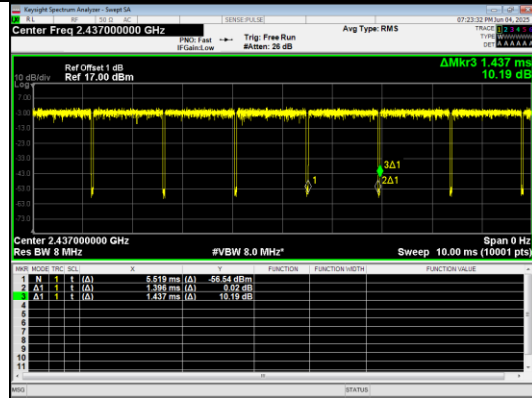


Duty Cycle Test Result

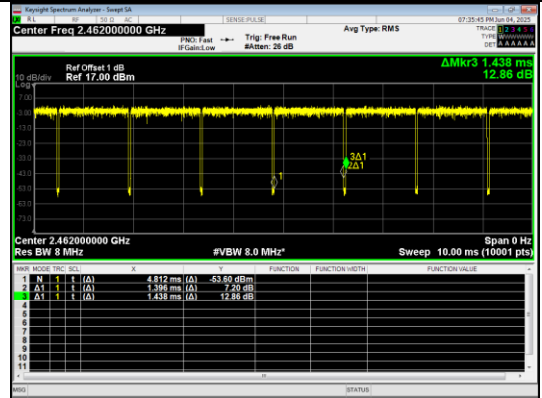
Mode	Data rates	Channel	Antenna	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)	1/T
IEEE 802.11b	1	1	1	8.384	8.421	99.56	0.9956	0.0192	0.1193
		6		8.384	8.421	99.56	0.9956	0.0192	0.1193
		11		8.385	8.421	99.57	0.9957	0.0187	0.1193
IEEE 802.11g		1		1.396	1.437	97.15	0.9715	0.1256	0.7163
		6		1.396	1.437	97.15	0.9715	0.1256	0.7163
		11		1.396	1.438	97.08	0.9708	0.1287	0.7163
IEEE 802.11n_20	MCS 0	1		1.304	1.346	96.88	0.9688	0.1377	0.7669
		6		1.303	1.345	96.89	0.9689	0.1372	0.7675
		11		1.304	1.346	96.88	0.9688	0.1377	0.7669
IEEE 802.11n_40		3		0.650	0.692	93.84	0.9384	0.2761	1.5385
		6		0.650	0.693	93.84	0.9384	0.2761	1.5385
		9		0.650	0.692	93.90	0.9390	0.2733	1.5385

Test Graphs

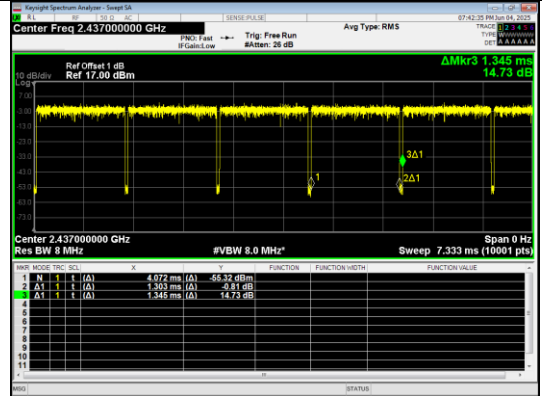
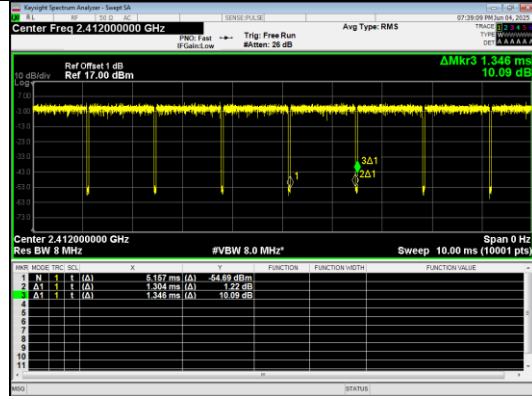




IEEE 802.11g_20MHz_Channel 6

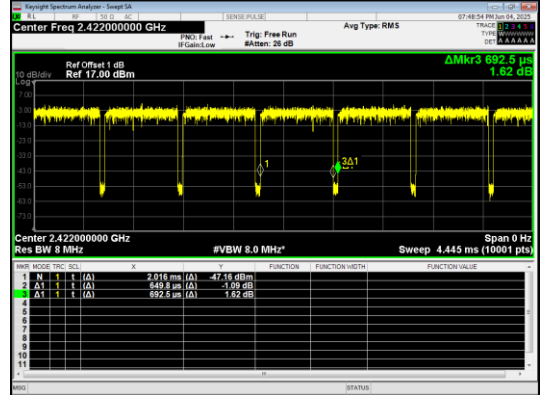
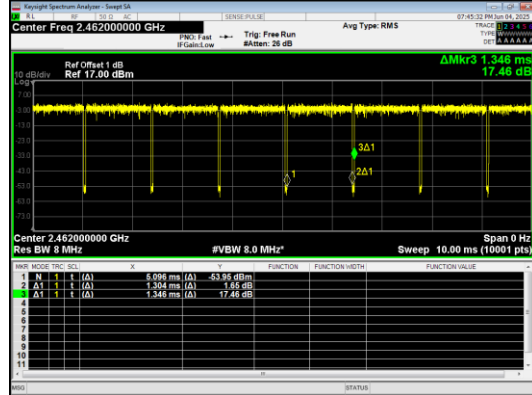


IEEE 802.11g_20MHz_Channel 11



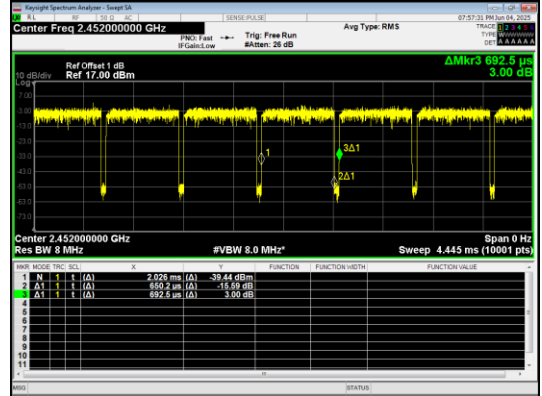
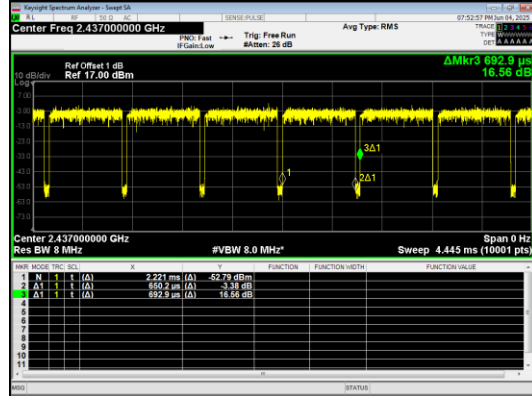
IEEE 802.11n_20MHz_Channel 1

IEEE 802.11n_20MHz_Channel 6



IEEE 802.11n_20MHz_Channel 11

IEEE 802.11n_40MHz_Channel 3



IEEE 802.11n_40MHz_Channel 6

IEEE 802.11n_40MHz_Channel 9

Conducted Output Power

Test Result

Conducted Output Power

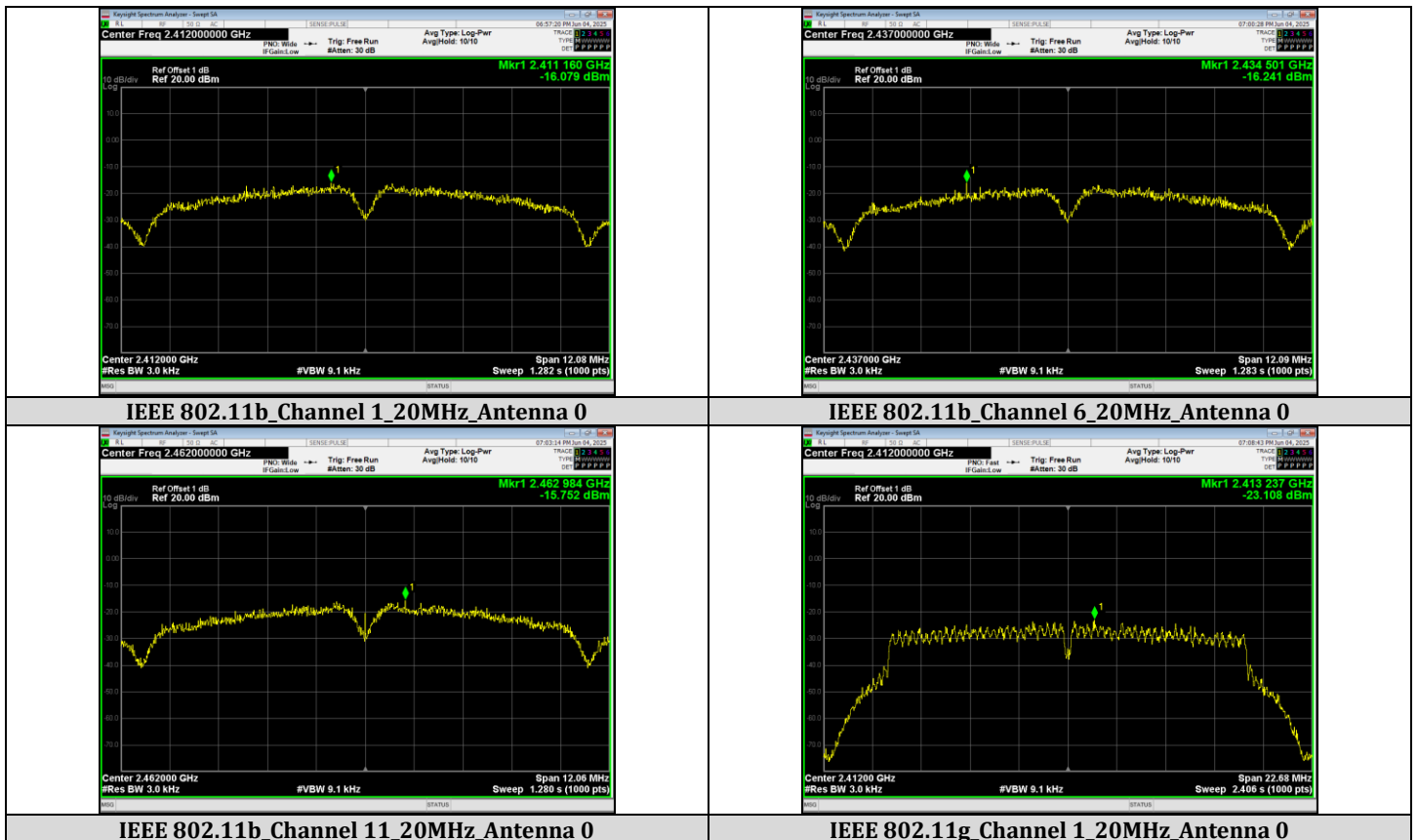
Mode	Channel	Ant. 0 (dBm)	Limit (dBm)	Result
IEEE 802.11b	1	8.50	≤30	PASS
	6	7.75	≤30	PASS
	11	8.08	≤30	PASS
IEEE 802.11g	1	7.80	≤30	PASS
	6	6.97	≤30	PASS
	11	8.24	≤30	PASS
IEEE 802.11n_20	1	8.55	≤30	PASS
	6	7.86	≤30	PASS
	11	8.04	≤30	PASS
IEEE 802.11n_40	3	8.64	≤30	PASS
	6	8.53	≤30	PASS
	9	8.53	≤30	PASS

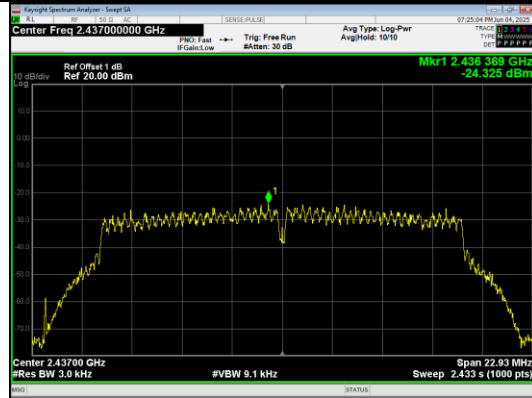
Power Spectral Density

Test Result

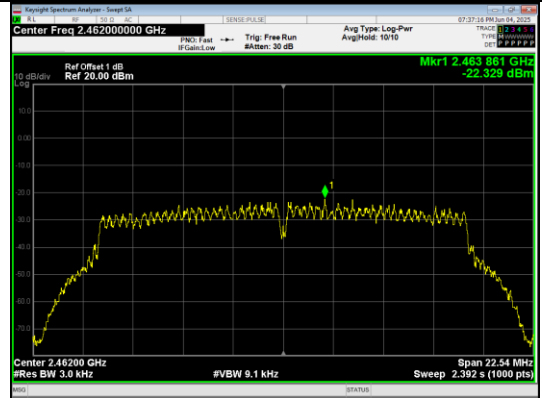
Mode	Channel	PSD (dBm/3kHz) Ant. 0	Limit (dBm/3kHz)	Result
IEEE 802.11b	1	-16.079	≤8	PASS
	6	-16.241		PASS
	11	-15.752		PASS
IEEE 802.11g	1	-23.108		PASS
	6	-24.325		PASS
	11	-22.329		PASS
IEEE 802.11n_20	1	-22.230		PASS
	6	-22.135		PASS
	11	-22.938		PASS
IEEE 802.11n_40	3	-26.142		PASS
	6	-25.490		PASS
	9	-25.610		PASS

Test Graphs

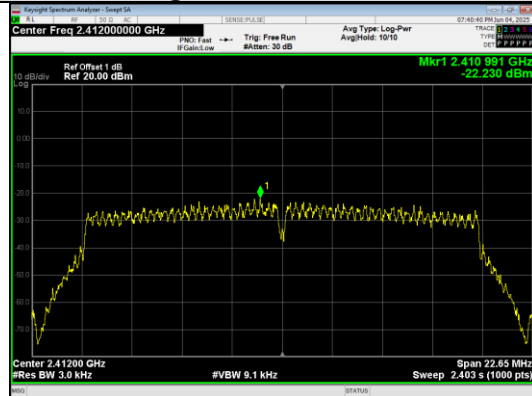




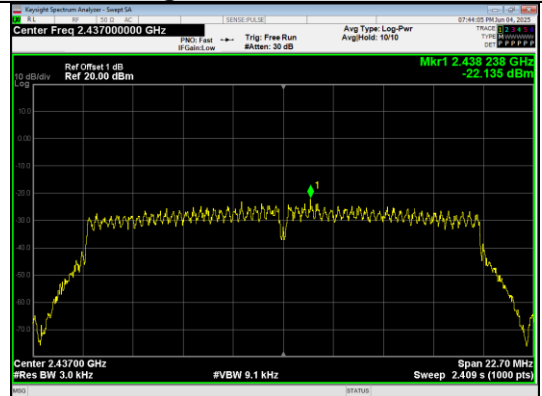
IEEE 802.11g_Channel 6_20MHz_Antenna 0



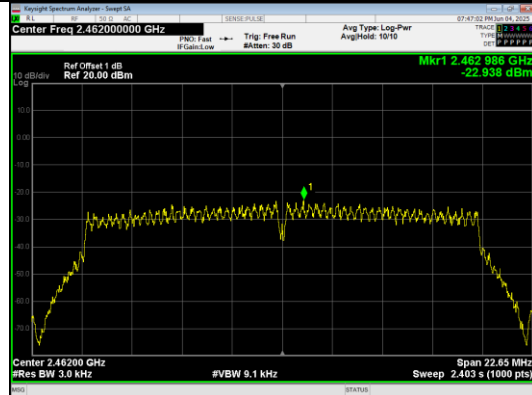
IEEE 802.11g_Channel 11_20MHz_Antenna 0



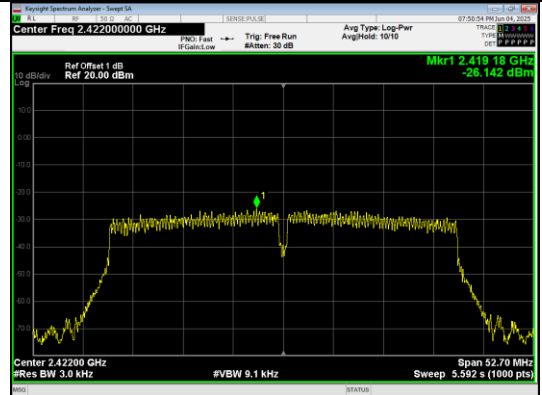
IEEE 802.11n_Channel 1_20MHz_Antenna 0



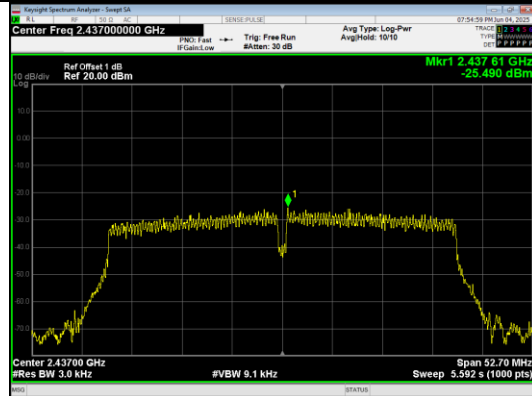
IEEE 802.11n_Channel 6_20MHz_Antenna 0



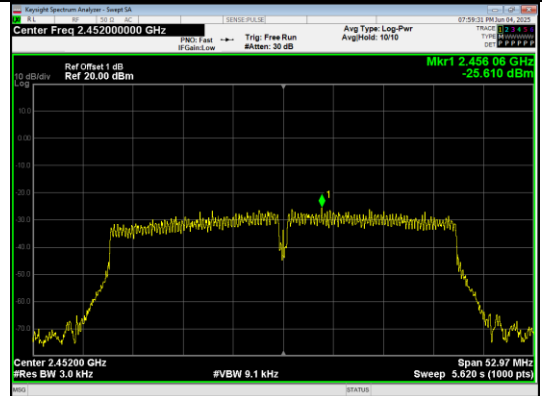
IEEE 802.11n_Channel 11_20MHz_Antenna 0



IEEE 802.11n_Channel 3_40MHz_Antenna 0



IEEE 802.11n_Channel 6_40MHz_Antenna 0

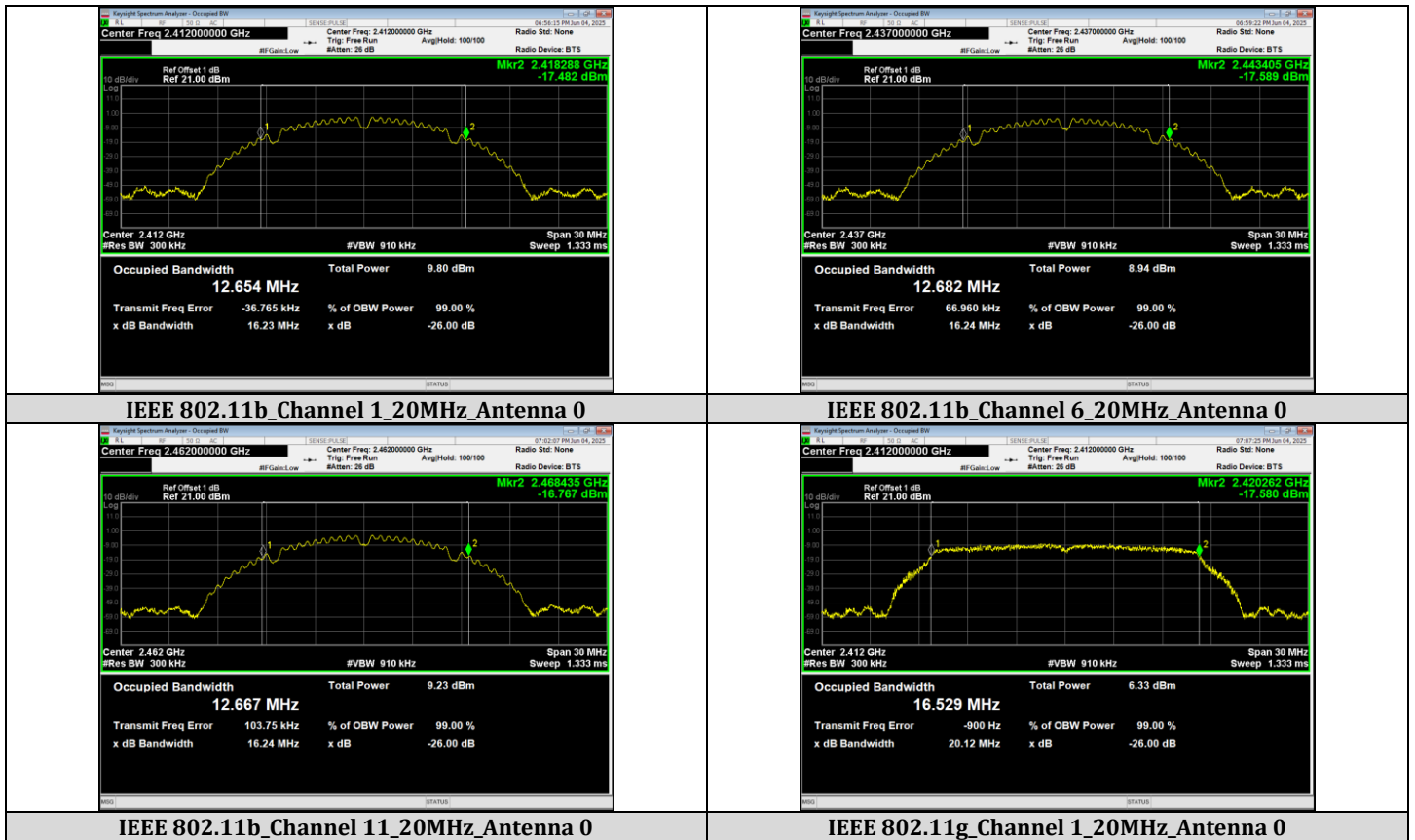


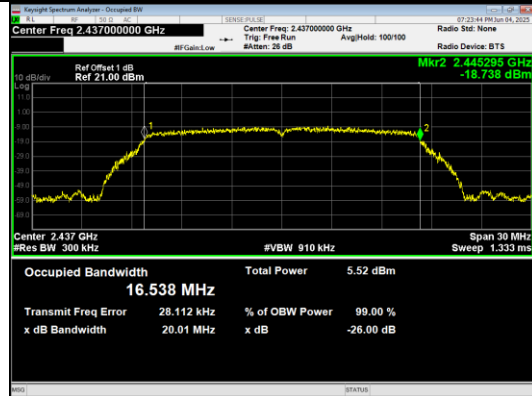
IEEE 802.11n_Channel 9_40MHz_Antenna 0

99% Bandwidth Test Result

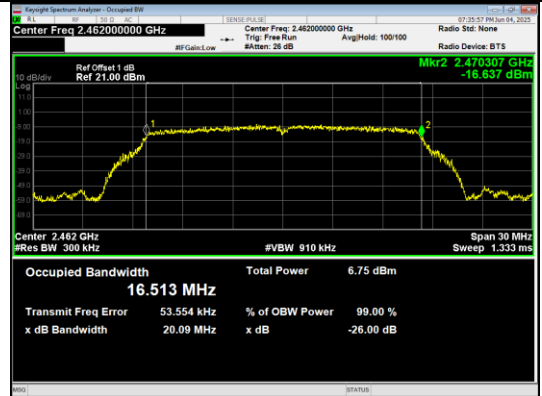
Mode	Channel	Ant.	Center Frequency (MHz)	99% BW (MHz)
IEEE 802.11b	1	0	2412	12.654
	6		2437	12.682
	11		2462	12.667
IEEE 802.11g	1		2412	16.529
	6		2437	16.538
	11		2462	16.513
IEEE 802.11n_20	1		2412	17.615
	6		2437	17.643
	11		2462	17.594
IEEE 802.11n_40	3		2422	36.101
	6		2437	36.073
	9		2452	36.047

Test Graphs

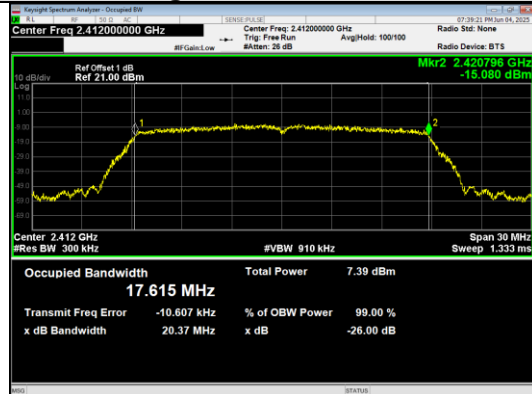




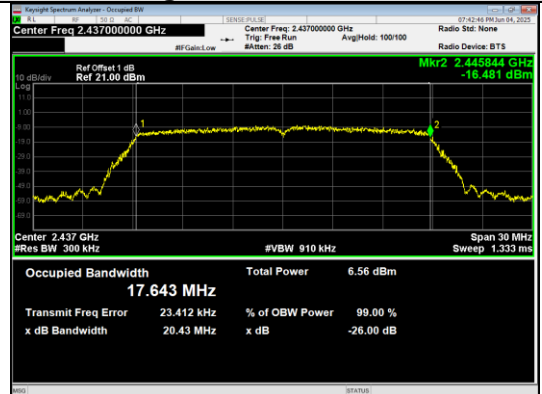
IEEE 802.11g_Channel 6_20MHz_Antenna 0



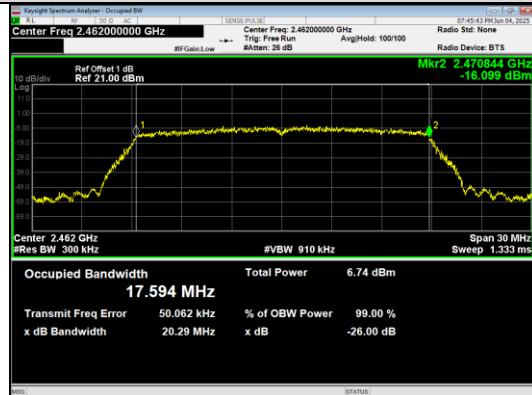
IEEE 802.11g_Channel 11_20MHz_Antenna 0



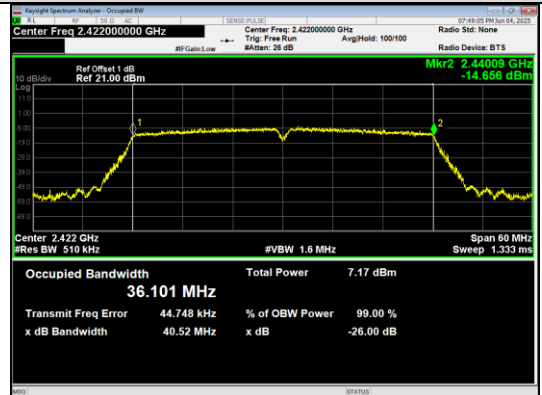
IEEE 802.11g_Channel 11_20MHz_Antenna 0



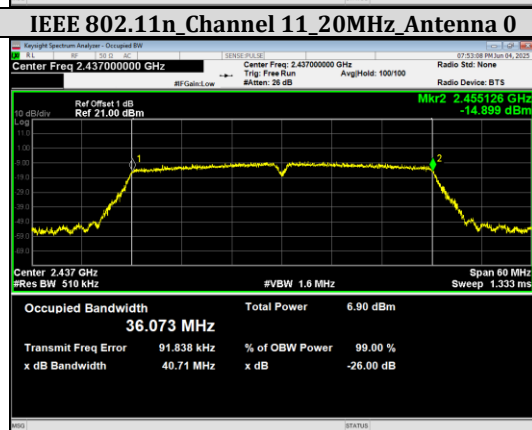
IEEE 802.11g_Channel 6_20MHz_Antenna 0



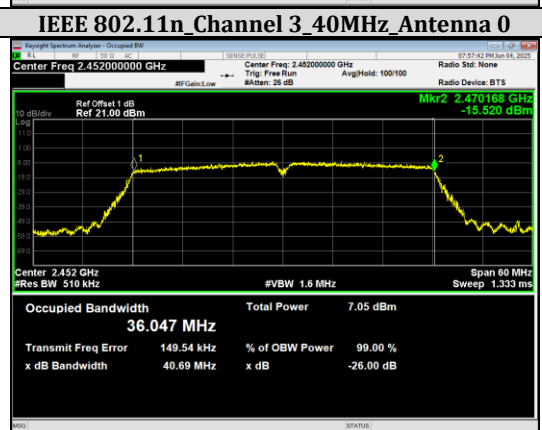
IEEE 802.11n_Channel 1_20MHz_Antenna 0



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

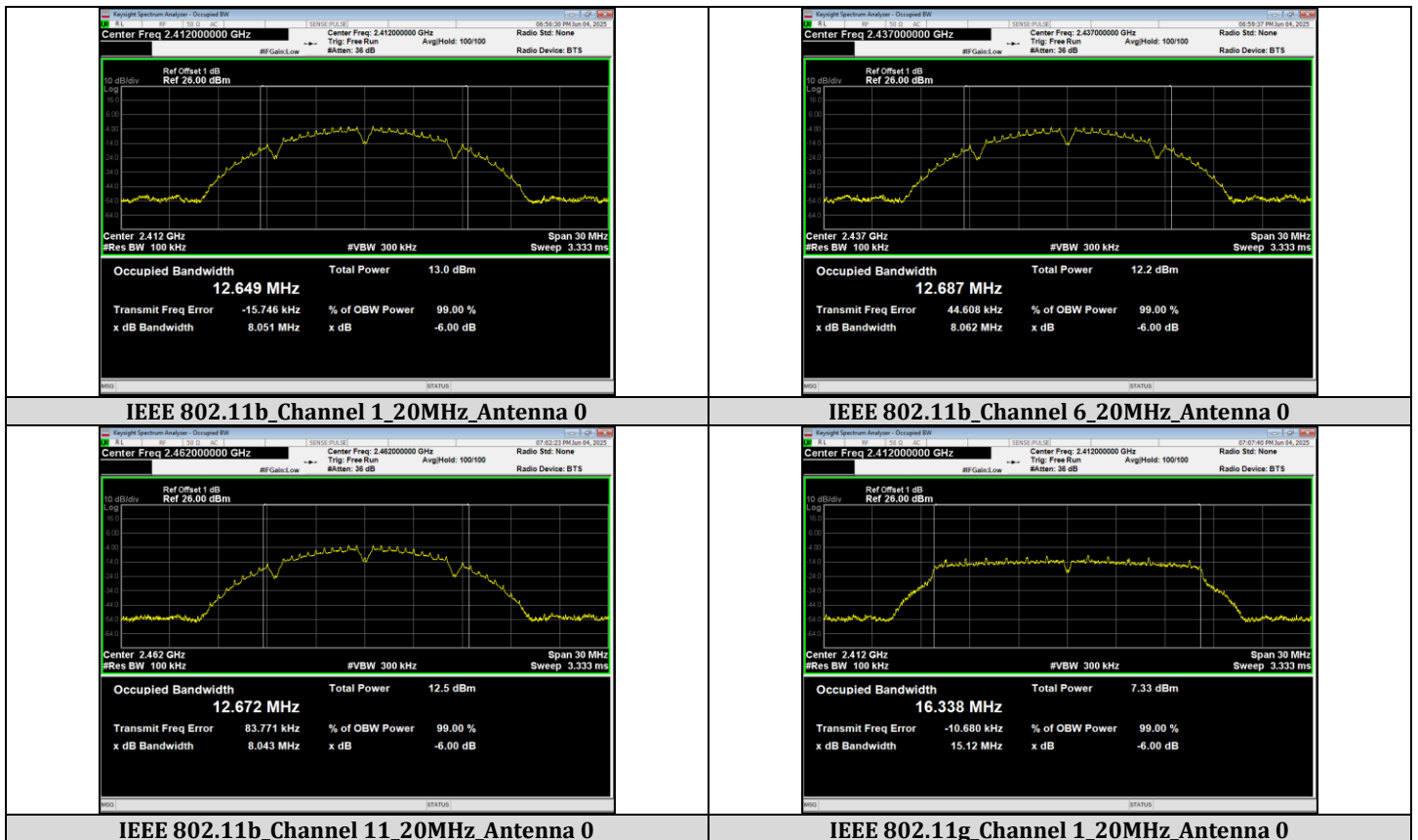
IEEE 802.11n_Channel 9_40MHz_Antenna 0

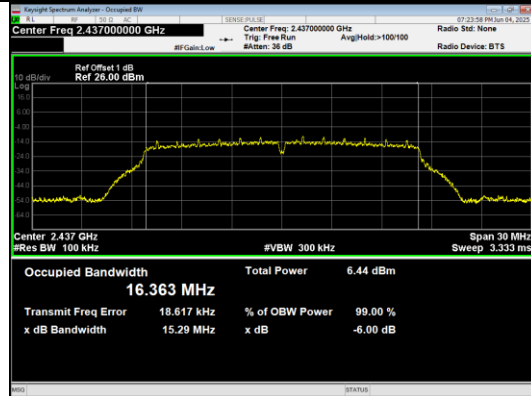
6dB Bandwidth

Test Result

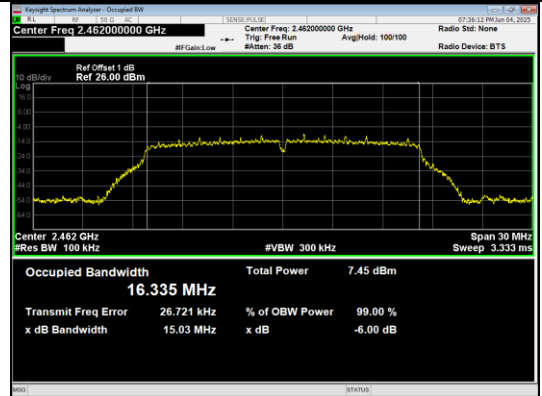
Mode	Channel	Ant.	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
IEEE 802.11b	1	0	2412	8.051	≥0.5	PASS
	6		2437	8.062		PASS
	11		2462	8.043		PASS
IEEE 802.11g	1		2412	15.12		PASS
	6		2437	15.29		PASS
	11		2462	15.03		PASS
IEEE 802.11n_20	1		2412	15.10		PASS
	6		2437	15.13		PASS
	11		2462	15.10		PASS
IEEE 802.11n_40	3		2422	35.13		PASS
	6		2437	35.13		PASS
	9		2452	35.31		PASS

Test Graphs

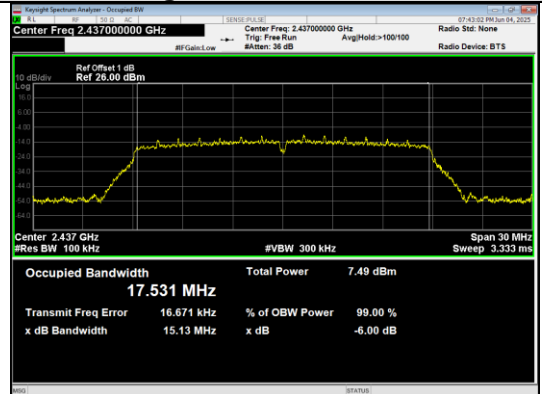
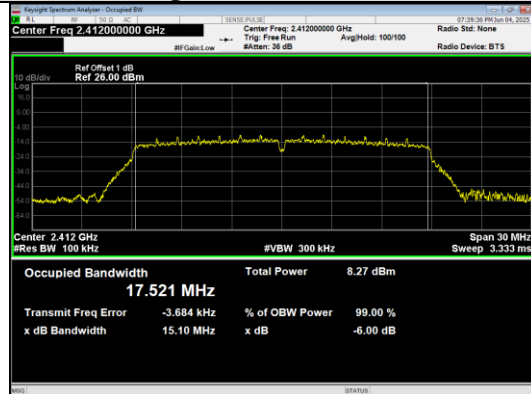




IEEE 802.11g_Channel 6_20MHz_Antenna 0

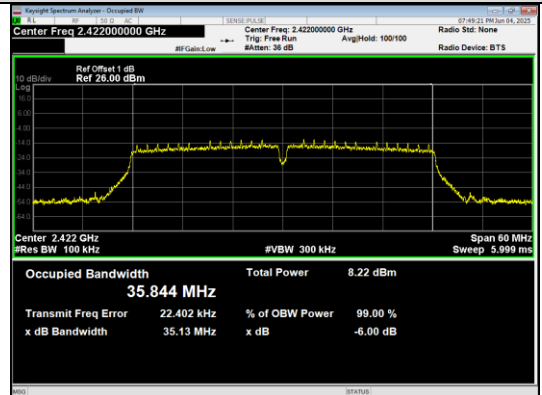
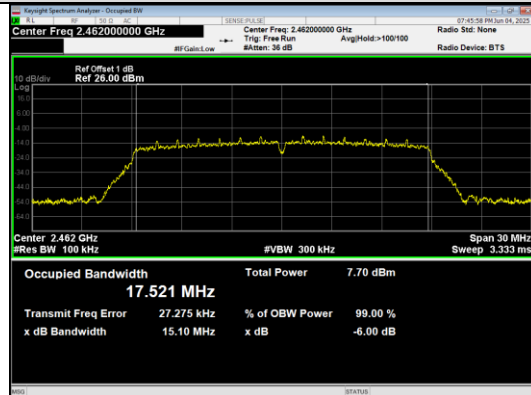


IEEE 802.11g_Channel 11_20MHz_Antenna 0



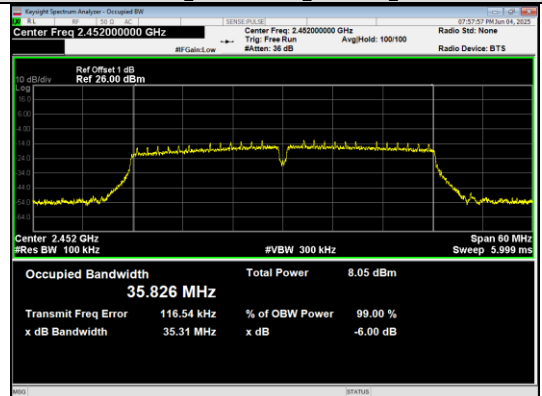
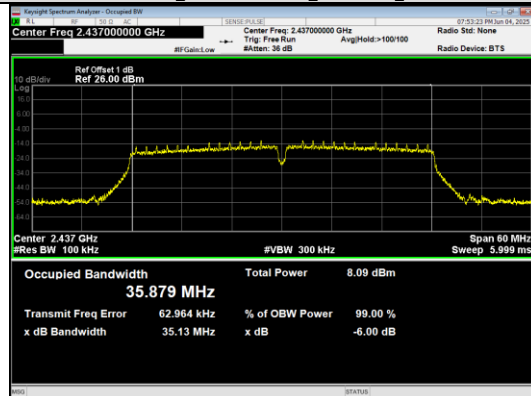
IEEE 802.11n_Channel 1_20MHz_Antenna 0

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

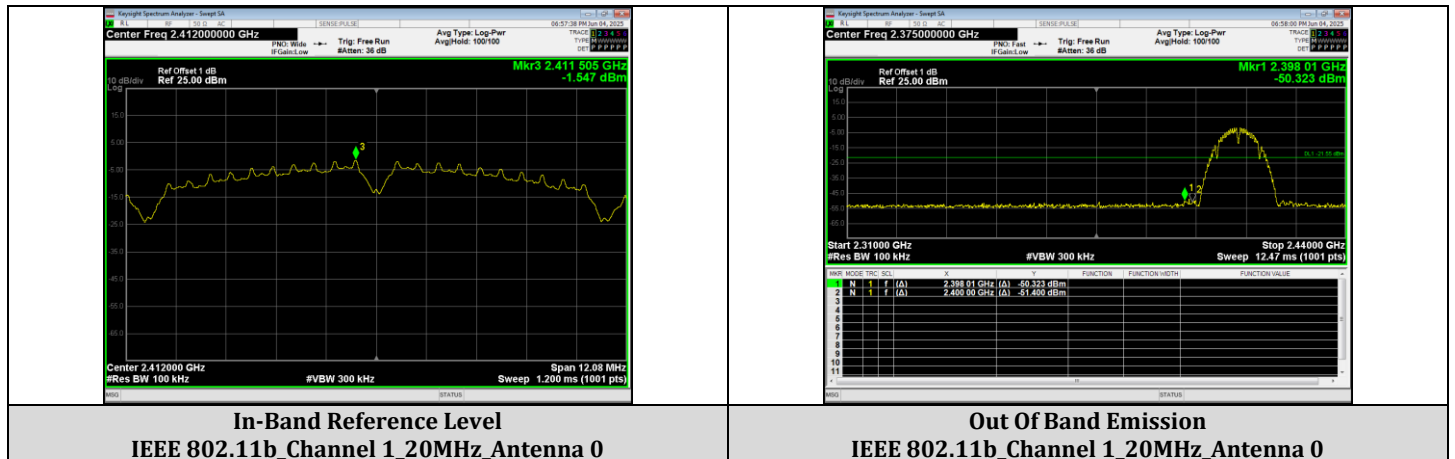
IEEE 802.11n_Channel 9_40MHz_Antenna 0

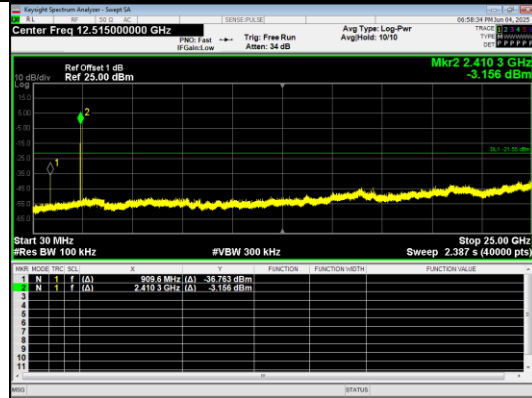
Conducted Out Of Band Emission

Test Result

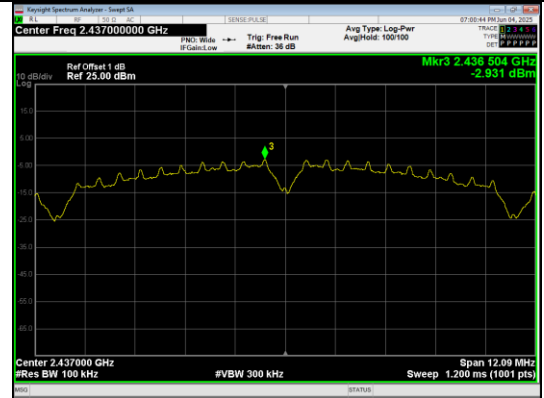
Mode	Channel	Ant.	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
IEEE 802.11b	1	0	909.60	-36.763	-21.55	-15.213	PASS
			2398.01	-50.323	-21.55	-28.773	PASS
	6		2400.00	-51.400	-21.55	-29.850	PASS
			24957.5	-40.154	-22.93	-17.224	PASS
	11		2483.50	-52.549	-22.2	-30.349	PASS
			24335.8	-39.938	-22.2	-17.738	PASS
IEEE 802.11g	1		2385.53	-51.005	-29.33	-21.675	PASS
			2400.00	-51.415	-29.33	-22.085	PASS
	6		24952.6	-40.149	-29.33	-10.819	PASS
			24865.2	-40.099	-30.2	-9.899	PASS
	11		2483.50	-53.205	-28.84	-24.365	PASS
			24981.3	-40.564	-28.84	-11.724	PASS
IEEE 802.11n_20	1		1885.90	-39.626	-28.14	-11.486	PASS
			2394.11	-51.061	-28.14	-22.921	PASS
	6		2400.00	-51.189	-28.14	-23.049	PASS
			24922.0	-40.116	-29.01	-11.106	PASS
	11		2483.50	-53.659	-28.77	-24.889	PASS
			24402.6	-40.418	-28.77	-11.648	PASS
IEEE 802.11n_40	3		2319.75	-50.520	-31.5	-19.020	PASS
			2400.00	-53.547	-31.5	-22.047	PASS
	6		24855.8	-39.570	-31.5	-8.070	PASS
			3509.03	-31.870	-31.75	-0.120	PASS
	9		2483.50	-53.475	-31.42	-22.055	PASS
			24860.2	-38.394	-31.42	-6.974	PASS

Test Graphs

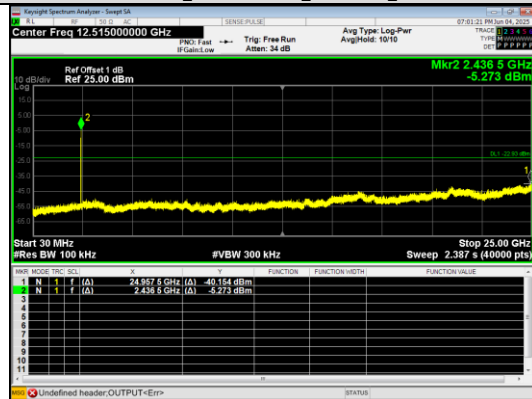




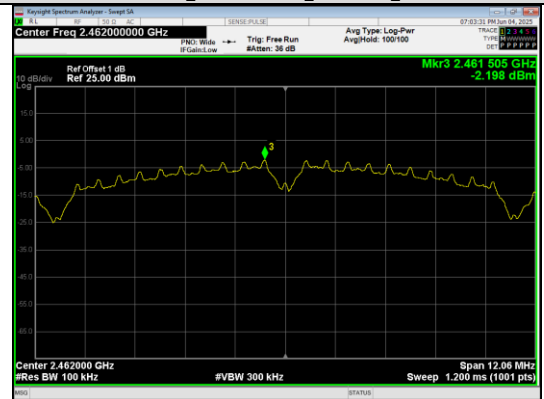
30.0 MHz - 25000.0 MHz
IEEE 802.11b_Channel 1_20MHz_Antenna 0



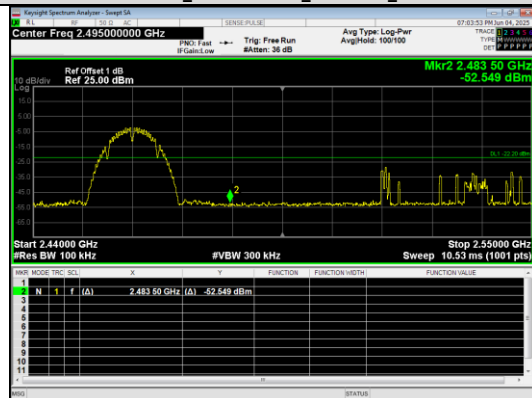
In-Band Reference Level
IEEE 802.11b_Channel 6_20MHz_Antenna 0



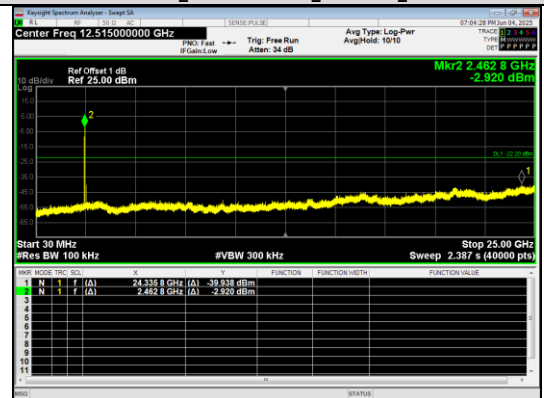
30.0 MHz - 25000.0 MHz
IEEE 802.11b_Channel 6_20MHz_Antenna 0



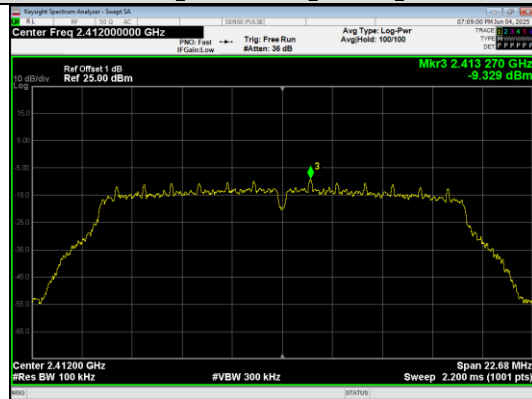
In-Band Reference Level
IEEE 802.11b_Channel 11_20MHz_Antenna 0



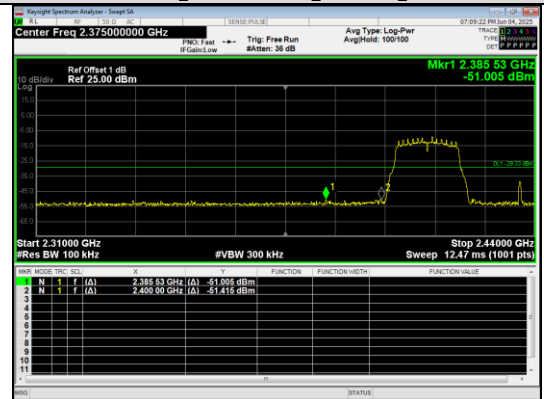
Out Of Band Emission
IEEE 802.11b_Channel 11_20MHz_Antenna 0



30.0 MHz - 25000.0 MHz
IEEE 802.11b_Channel 11_20MHz_Antenna 0

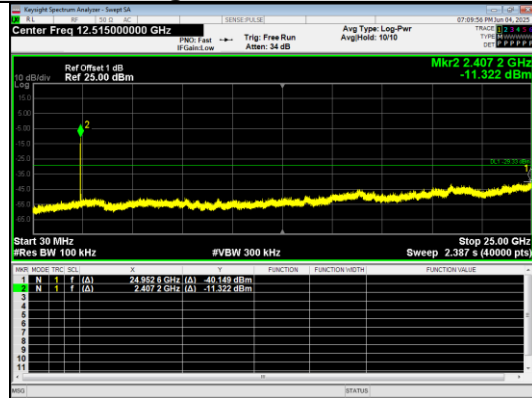


In-Band Reference Level

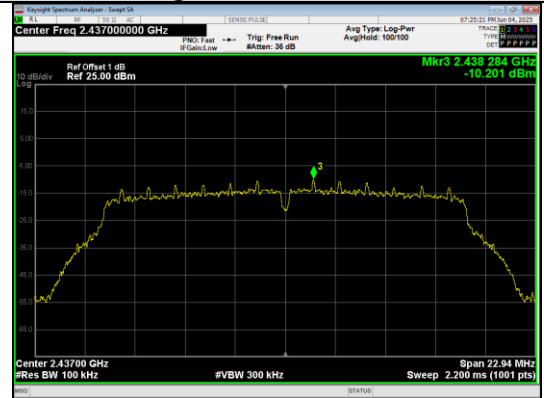


Out Of Band Emission

IEEE 802.11g_Channel 1_20MHz_Antenna 0

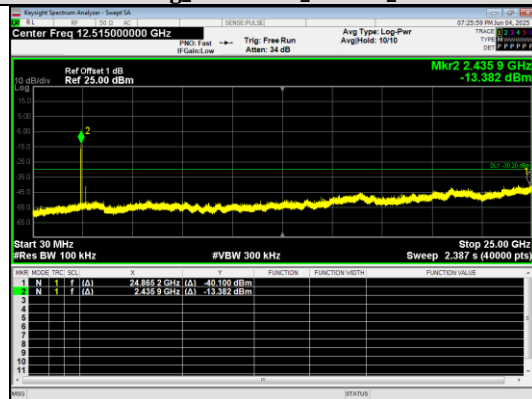


IEEE 802.11g_Channel 1_20MHz_Antenna 0



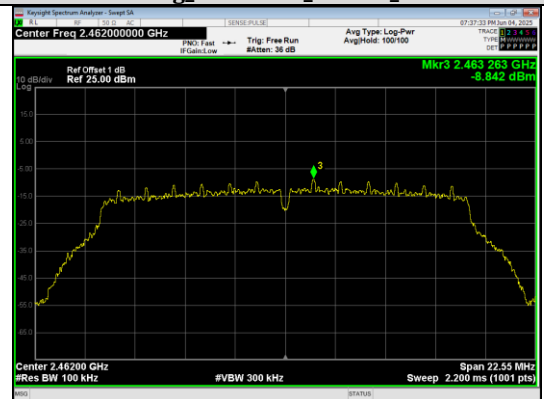
30.0 MHz - 25000.0 MHz

IEEE 802.11g_Channel 1_20MHz_Antenna 0



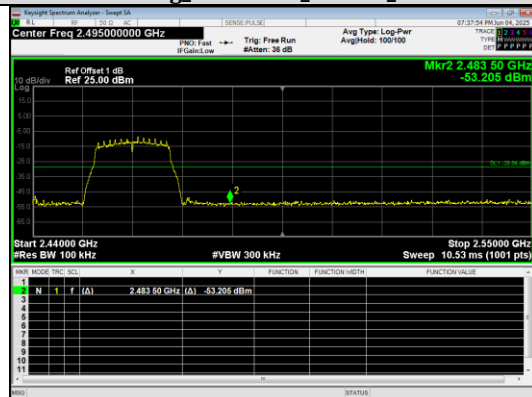
In-Band Reference Level

IEEE 802.11g_Channel 6_20MHz_Antenna 0



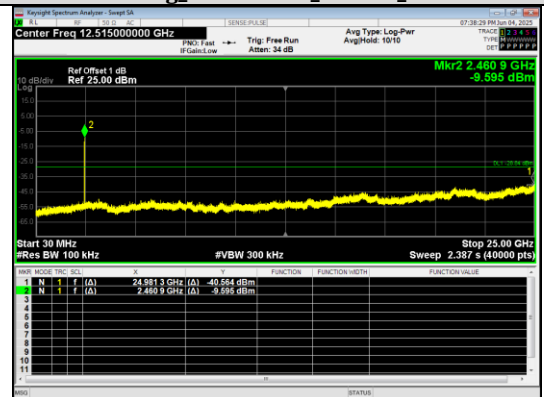
30.0 MHz - 25000.0 MHz

IEEE 802.11g_Channel 6_20MHz_Antenna 0



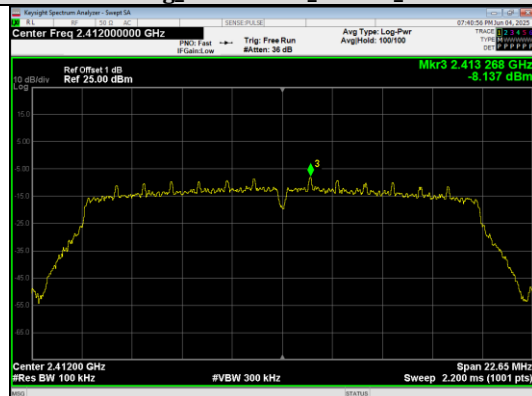
In-Band Reference Level

IEEE 802.11g_Channel 11_20MHz_Antenna 0



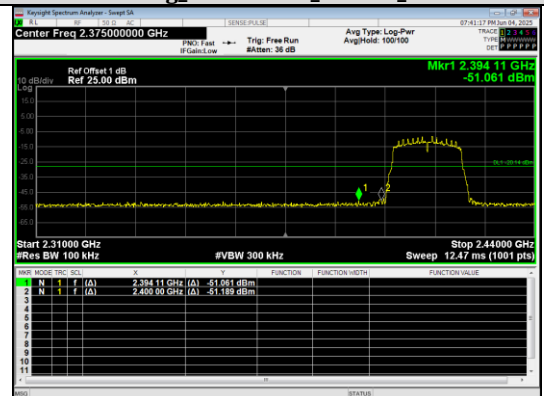
Out Of Band Emission

IEEE 802.11g_Channel 11_20MHz_Antenna 0

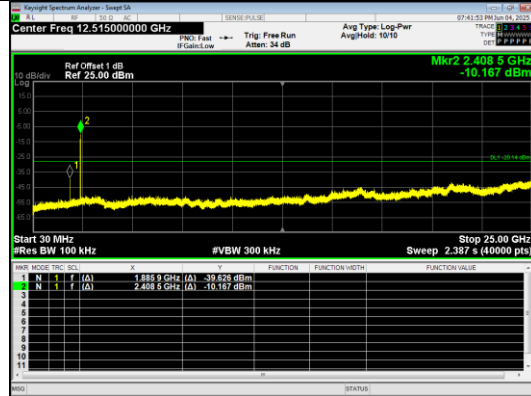


30.0 MHz - 25000.0 MHz

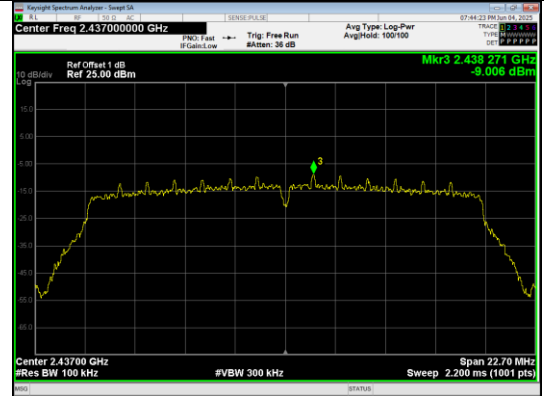
IEEE 802.11g_Channel 11_20MHz_Antenna 0



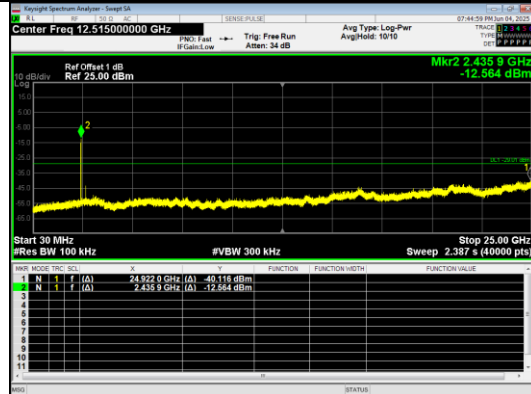
In-Band Reference Level IEEE 802.11n_Channel 1_20MHz_Antenna 0



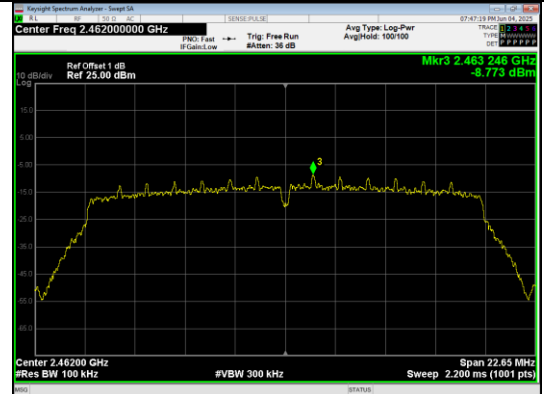
Out Of Band Emission IEEE 802.11n_Channel 1_20MHz_Antenna 0



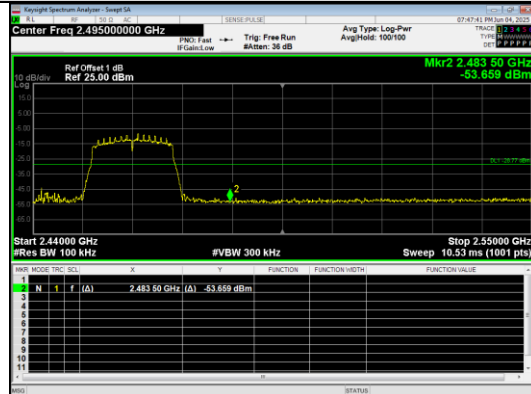
30.0 MHz - 25000.0 MHz IEEE 802.11n_Channel 1_20MHz_Antenna 0



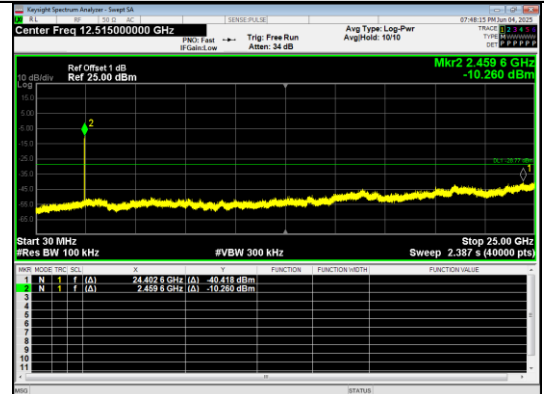
In-Band Reference Level IEEE 802.11n_Channel 6_20MHz_Antenna 0



30.0 MHz - 25000.0 MHz IEEE 802.11n_Channel 6_20MHz_Antenna 0

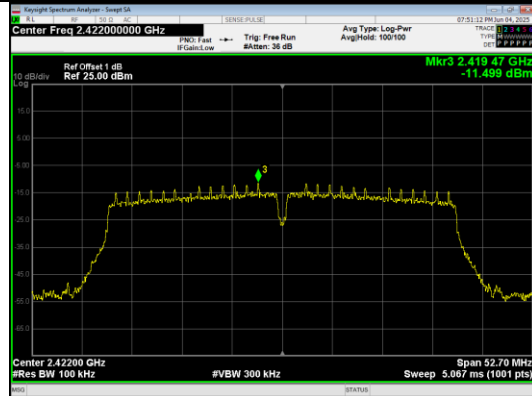


In-Band Reference Level IEEE 802.11n_Channel 11_20MHz_Antenna 0



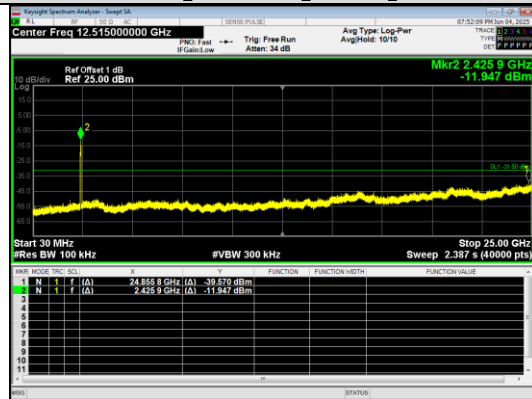
Out Of Band Emission IEEE 802.11n_Channel 11_20MHz_Antenna 0

30.0 MHz - 25000.0 MHz IEEE 802.11n_Channel 11_20MHz_Antenna 0



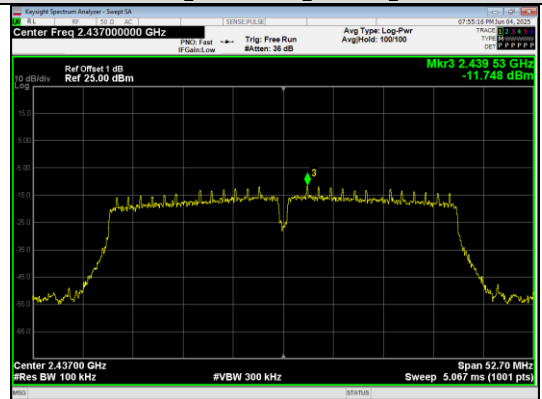
In-Band Reference Level

IEEE 802.11n_Channel 3_40MHz_Antenna 0



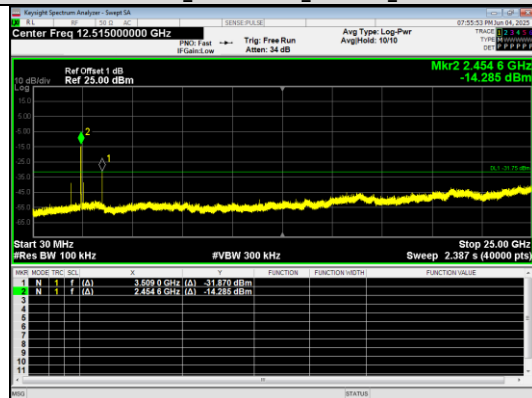
Out Of Band Emission

IEEE 802.11n_Channel 3_40MHz_Antenna 0



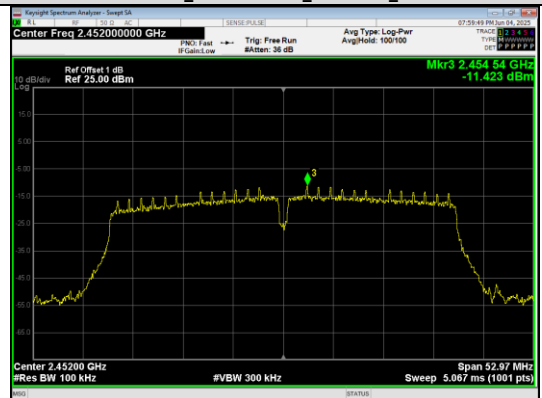
30.0 MHz - 25000.0 MHz

IEEE 802.11n_Channel 3_40MHz_Antenna 0



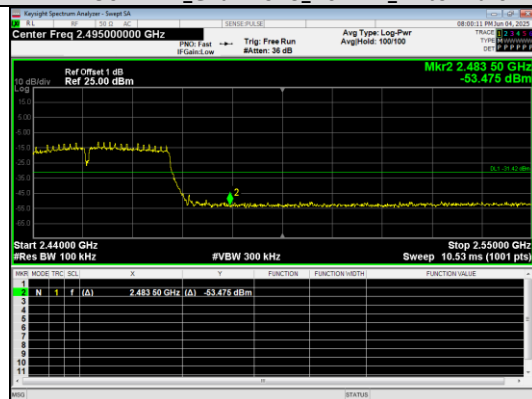
In-Band Reference Level

IEEE 802.11n_Channel 6_40MHz_Antenna 0



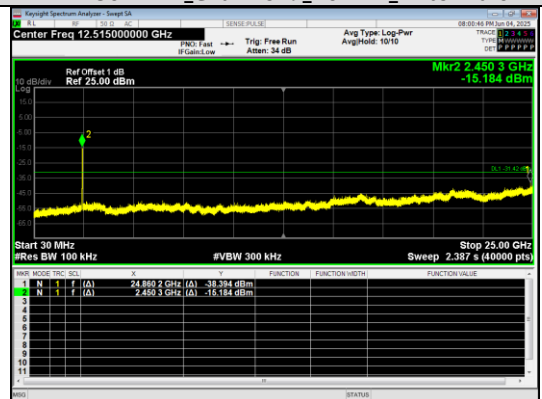
30.0 MHz - 25000.0 MHz

IEEE 802.11n_Channel 6_40MHz_Antenna 0



In-Band Reference Level

IEEE 802.11n_Channel 9_40MHz_Antenna 0



Out Of Band Emission

30.0 MHz - 25000.0 MHz



IEEE 802.11n_Channel 9_40MHz_Antenna 0	IEEE 802.11n_Channel 9_40MHz_Antenna 0
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***** End of Report *****