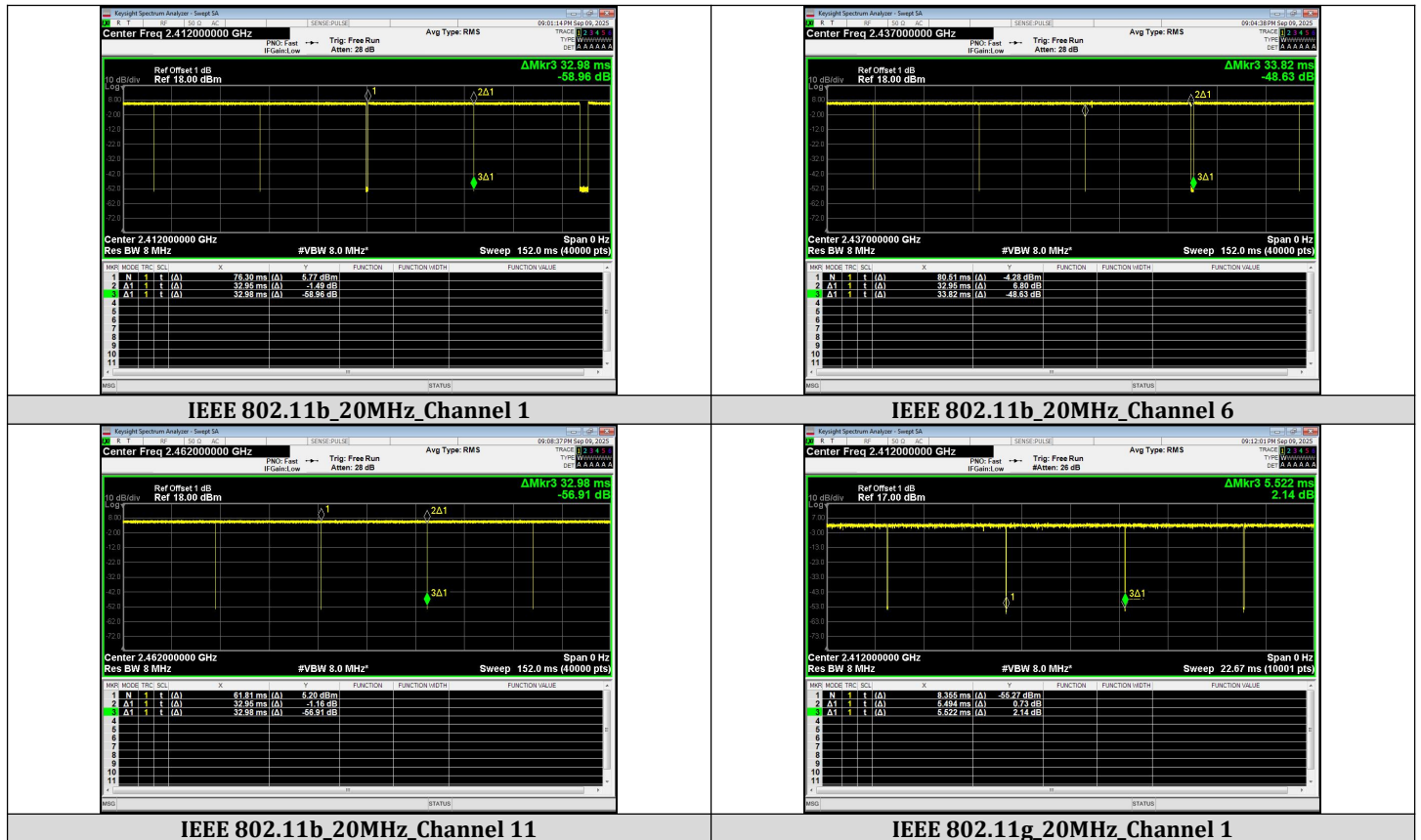


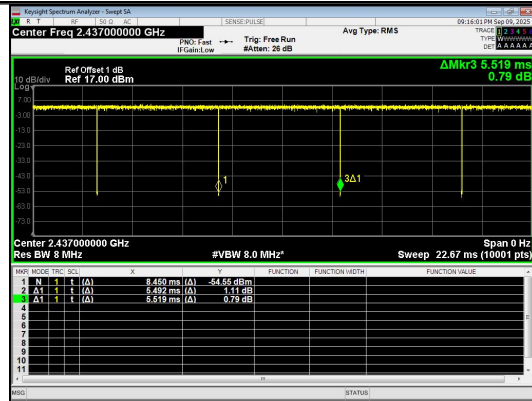
Duty Cycle

Test Result

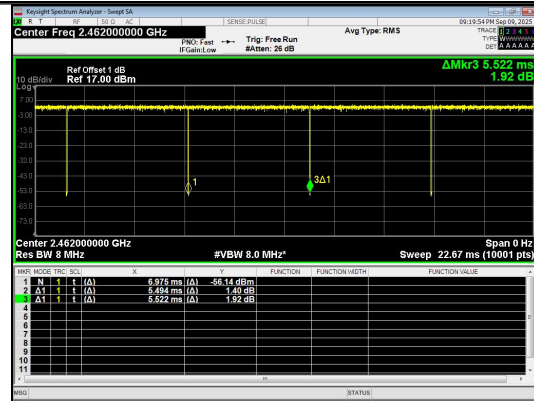
Mode	Data rates	Channel	Antenna	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)	1/T
IEEE 802.11b	1	1	1	32.950	32.976	99.92	0.9992	0.0035	0.0303
		6		32.954	33.816	97.45	0.9745	0.1122	0.0303
		11		32.950	32.976	99.92	0.9992	0.0035	0.0303
IEEE 802.11g		1		5.494	5.522	99.51	0.9951	0.0213	0.1820
		6		5.492	5.519	99.51	0.9951	0.0213	0.1821
		11		5.494	5.522	99.51	0.9951	0.0213	0.1820
IEEE 802.11n_20	MCS 0	1		5.089	5.118	99.42	0.9942	0.0253	0.1965
		6		5.089	5.118	99.42	0.9942	0.0253	0.1965
		11		5.089	5.118	99.42	0.9942	0.0253	0.1965
IEEE 802.11n_40		3		2.472	2.504	98.72	0.9872	0.0559	0.4045
		6		2.473	2.504	98.76	0.9876	0.0542	0.4044
		9		2.472	2.503	98.76	0.9876	0.0542	0.4045

Test Graphs

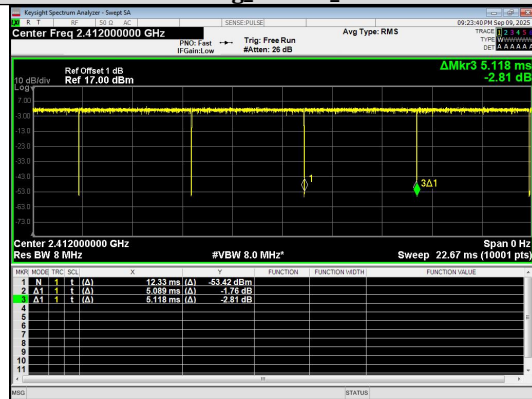




IEEE 802.11g 20MHz_Channel 6



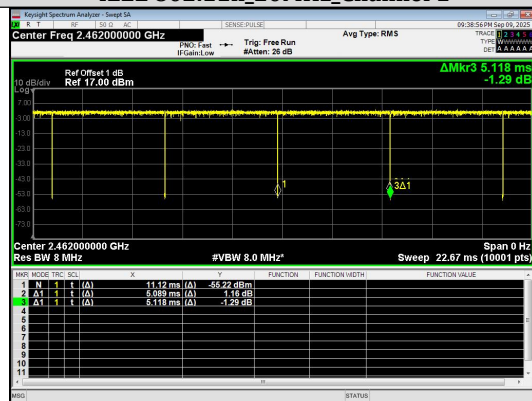
IEEE 802.11g 20MHz_Channel 11



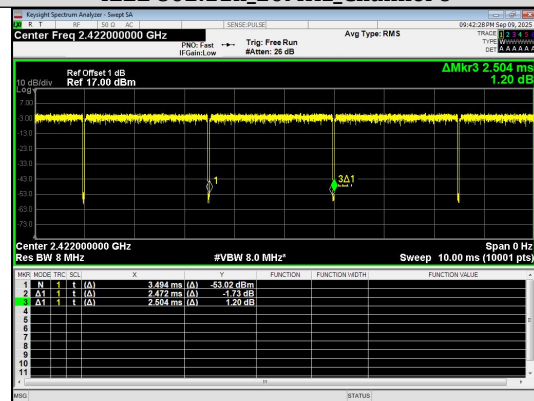
IEEE 802.11n 20MHz_Channel 1



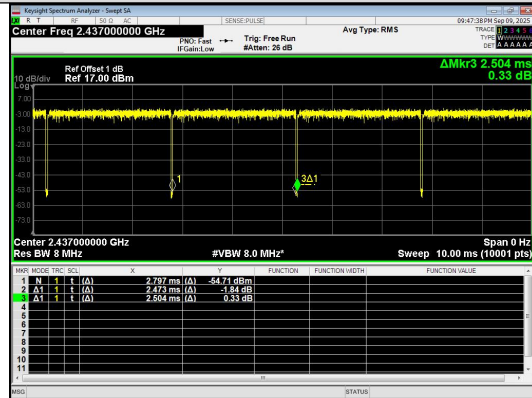
IEEE 802.11n 20MHz_Channel 6



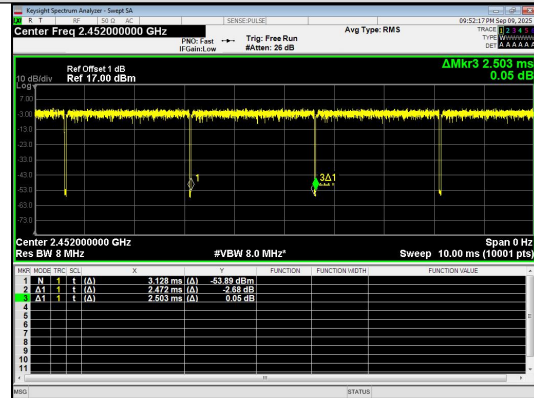
IEEE 802.11n 20MHz_Channel 11



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	12.14	≤30	PASS
	6	12.70	≤30	PASS
	11	12.22	≤30	PASS
IEEE 802.11g	1	12.66	≤30	PASS
	6	12.55	≤30	PASS
	11	12.44	≤30	PASS
IEEE 802.11n_20	1	11.25	≤30	PASS
	6	11.31	≤30	PASS
	11	11.11	≤30	PASS
IEEE 802.11n_40	3	11.22	≤30	PASS
	6	11.20	≤30	PASS
	9	11.20	≤30	PASS

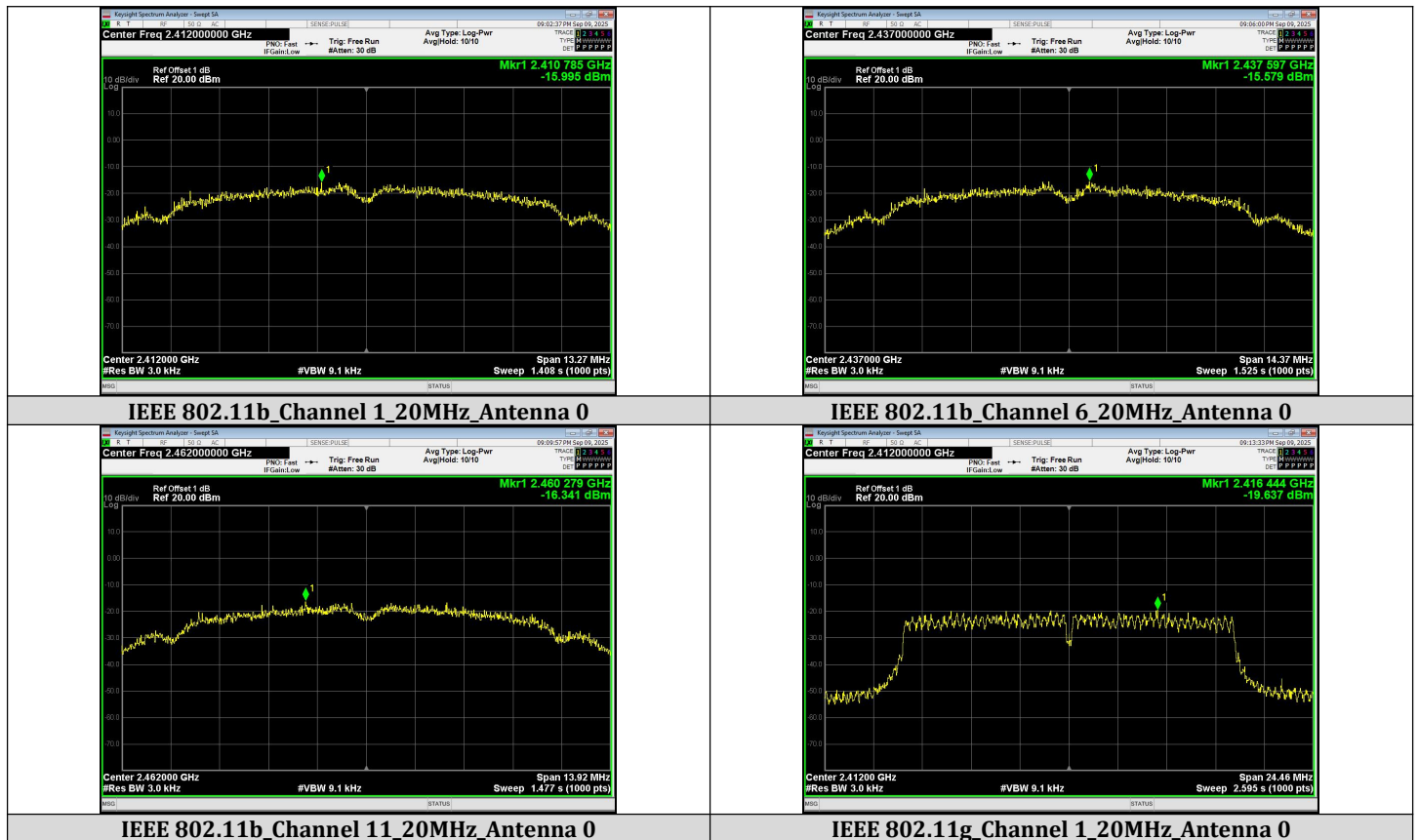


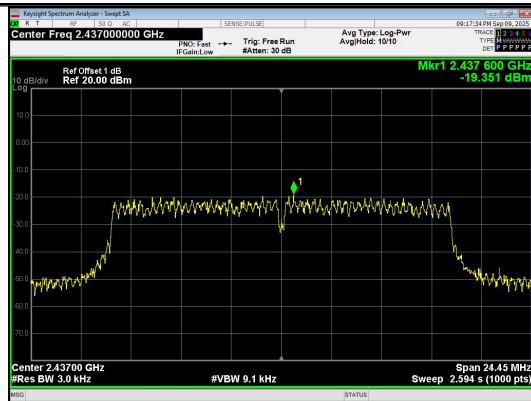
Power Spectral Density

Test Result

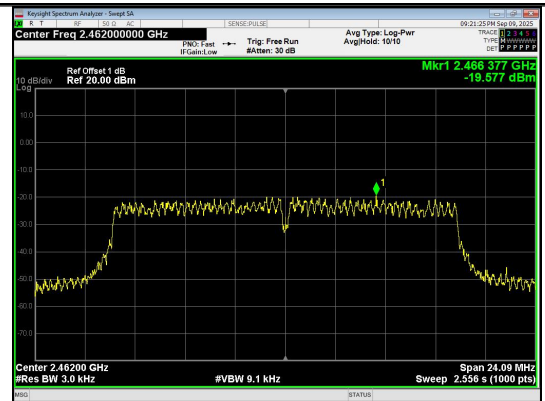
Mode	Channel	PSD (dBm/3kHz) Ant. 0	Limit (dBm/3kHz)	Result
IEEE 802.11b	1	-15.990	≤8	PASS
	6	-15.580		PASS
	11	-16.340		PASS
IEEE 802.11g	1	-19.640		PASS
	6	-19.350		PASS
	11	-19.580		PASS
IEEE 802.11n_20	1	-20.160		PASS
	6	-20.040		PASS
	11	-20.250		PASS
IEEE 802.11n_40	3	-22.910		PASS
	6	-23.090		PASS
	9	-22.790		PASS

Test Graphs

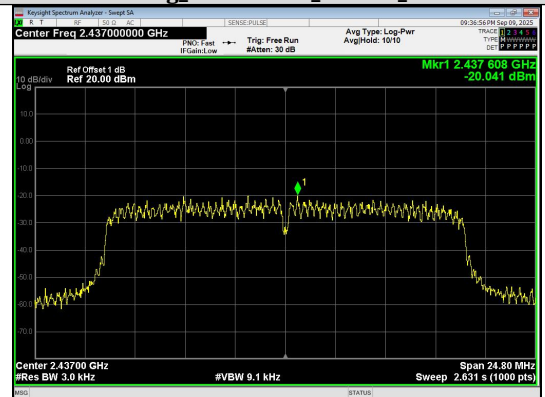
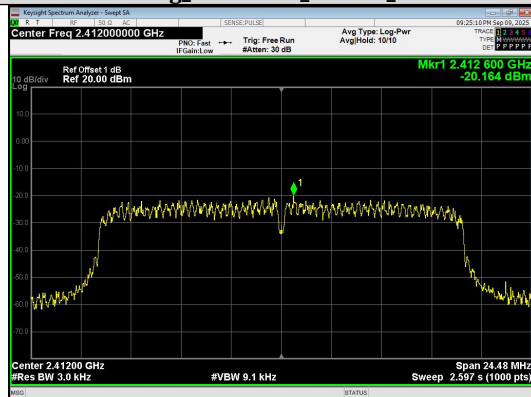




IEEE 802.11g_Channel 6_20MHz_Antenna 0

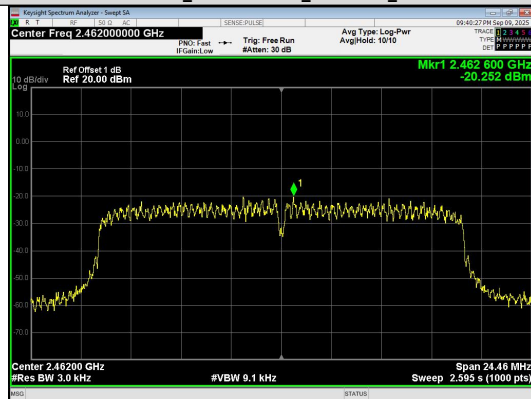


IEEE 802.11g_Channel 11_20MHz_Antenna 0



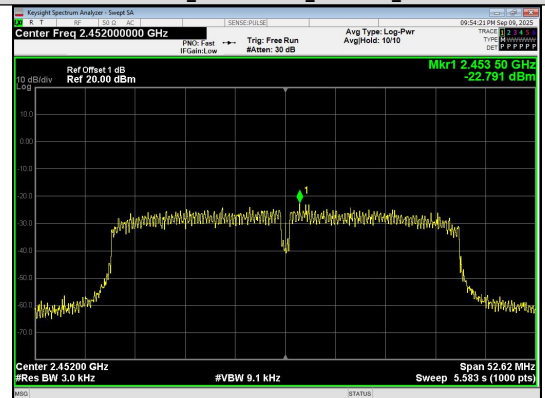
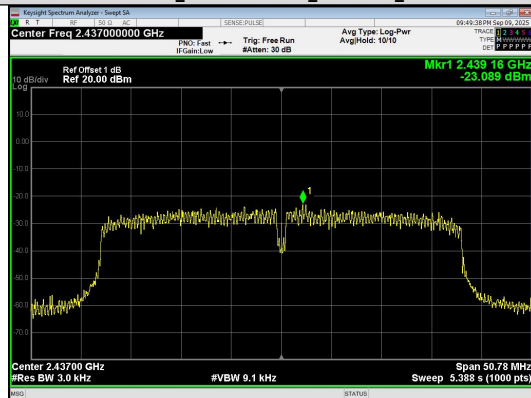
IEEE 802.11n_Channel 1_20MHz_Antenna 0

IEEE 802.11n_Channel 6_20MHz_Antenna 0



IEEE 802.11n_Channel 11_20MHz_Antenna 0

IEEE 802.11n_Channel 3_40MHz_Antenna 0

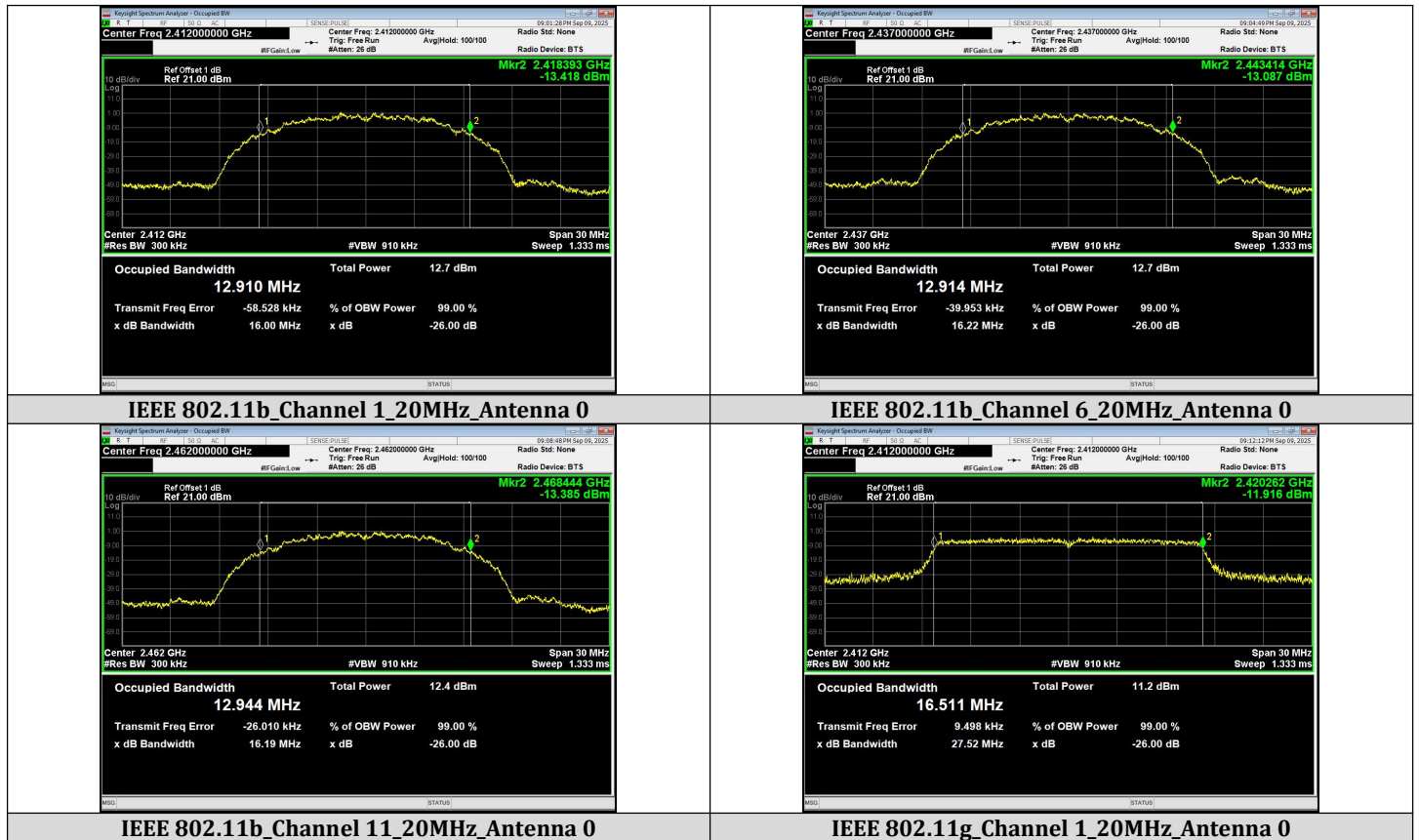


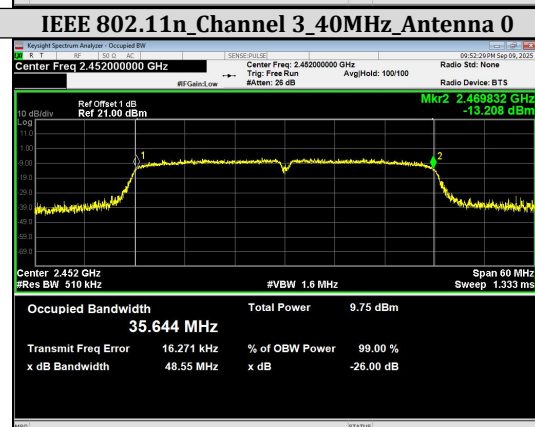
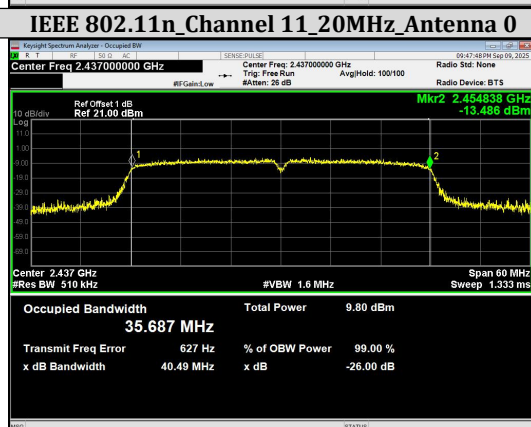
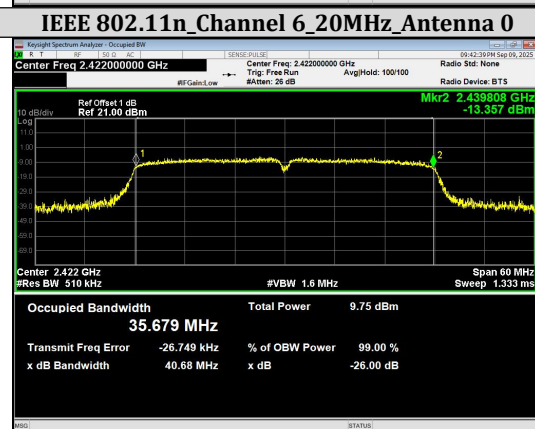
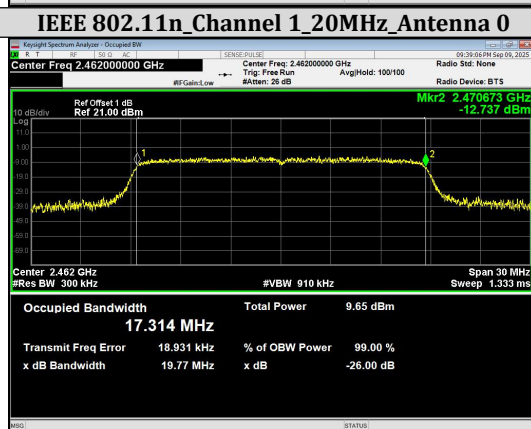
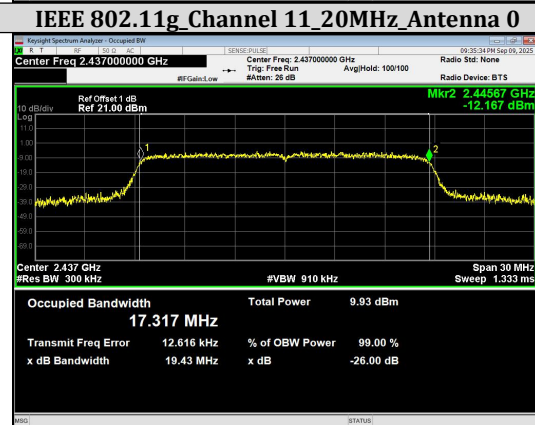
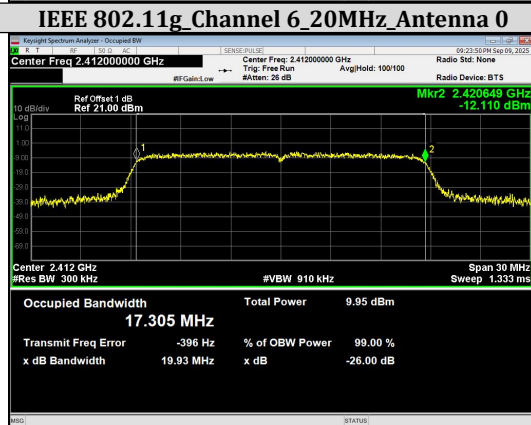
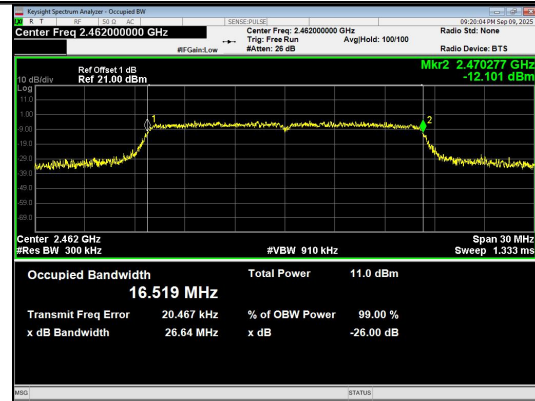
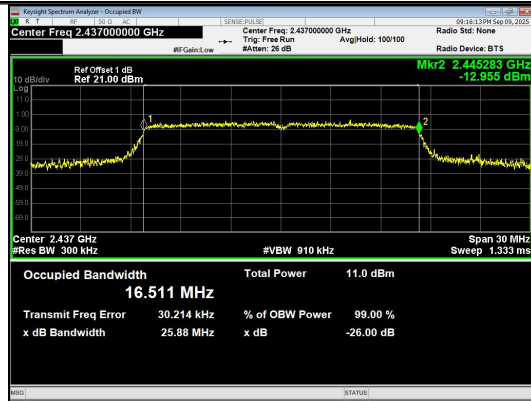
IEEE 802.11n_Channel 6_40MHz_Antenna 0

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	12.910
	6		2437	12.914
	11		2462	12.944
IEEE 802.11g	1		2412	16.511
	6		2437	16.511
	11		2462	16.519
IEEE 802.11n_20	1		2412	17.305
	6		2437	17.317
	11		2462	17.314
IEEE 802.11n_40	3		2422	35.679
	6		2437	35.687
	9		2452	35.644

Test Graphs



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	8.850	≥0.5	PASS
	6		2437	9.580		PASS
	11		2462	9.280		PASS
IEEE 802.11g	1		2412	16.31		PASS
	6		2437	16.30		PASS
	11		2462	16.06		PASS
IEEE 802.11n_20	1		2412	16.32		PASS
	6		2437	16.53		PASS
	11		2462	16.31		PASS
IEEE 802.11n_40	3		2422	35.05		PASS
	6		2437	33.85		PASS
	9		2452	35.08		PASS

Test Graphs