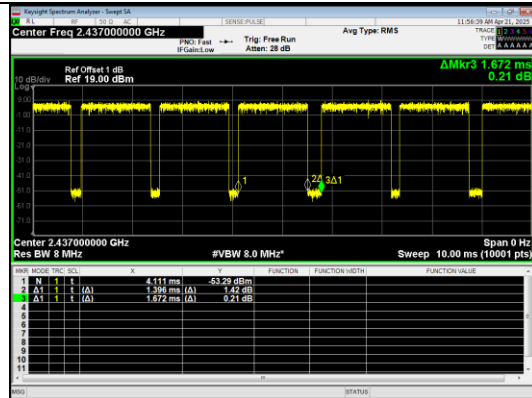
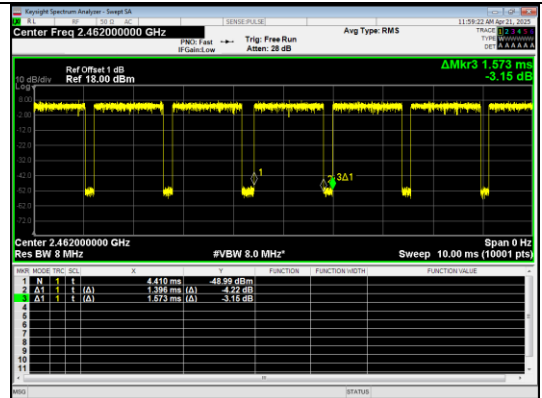
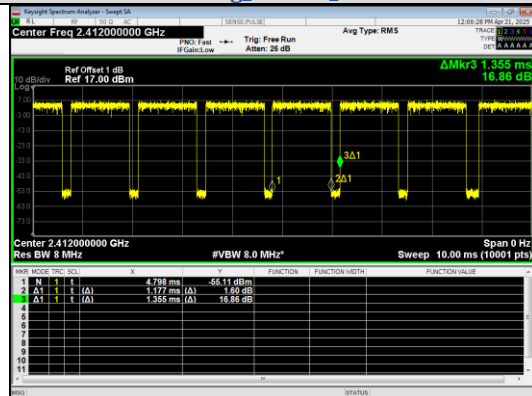




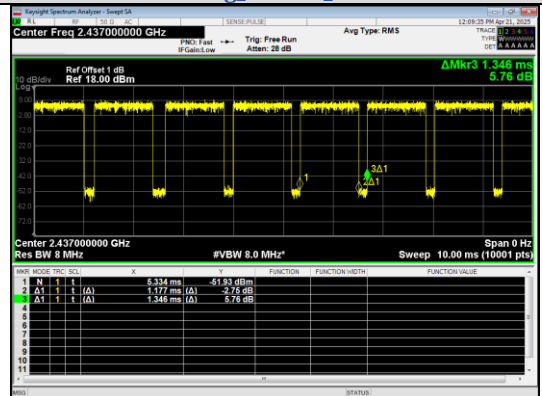
IEEE 802.11g_20MHz_Channel 6



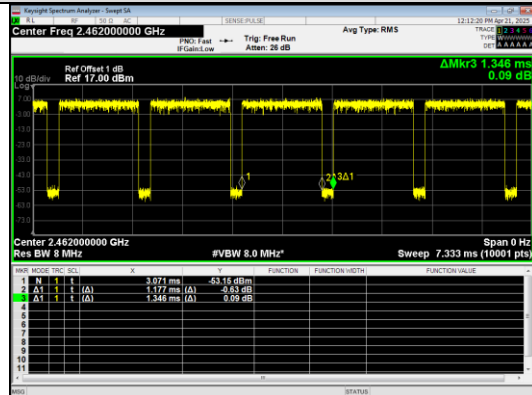
IEEE 802.11g_20MHz_Channel 11



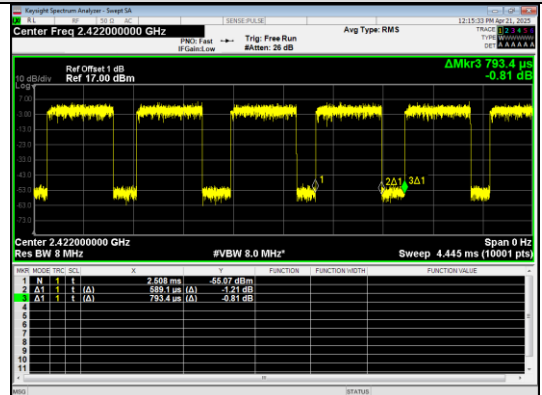
IEEE 802.11n_20MHz_Channel 1



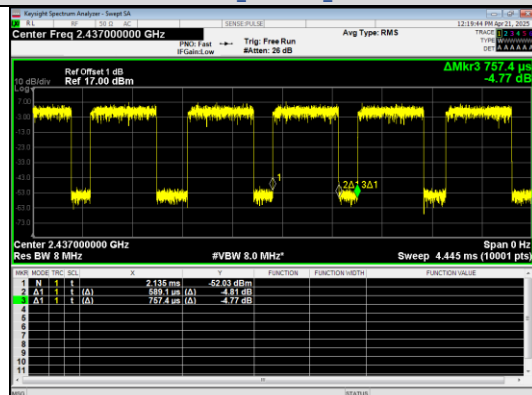
IEEE 802.11n_20MHz_Channel 6



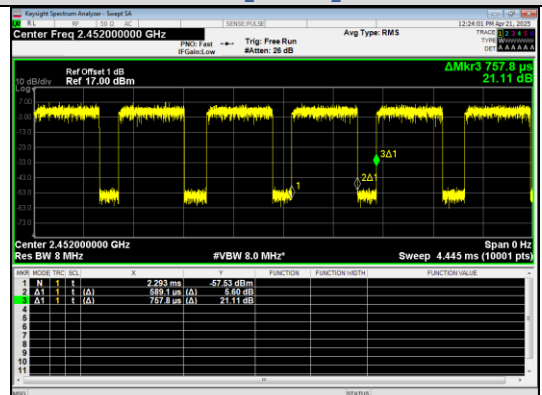
IEEE 802.11n_20MHz_Channel 11



IEEE 802.11n_40MHz_Channel 3



IEEE 802.11n 40MHz Channel 6



IEEE 802.11n 40MHz Channel 9



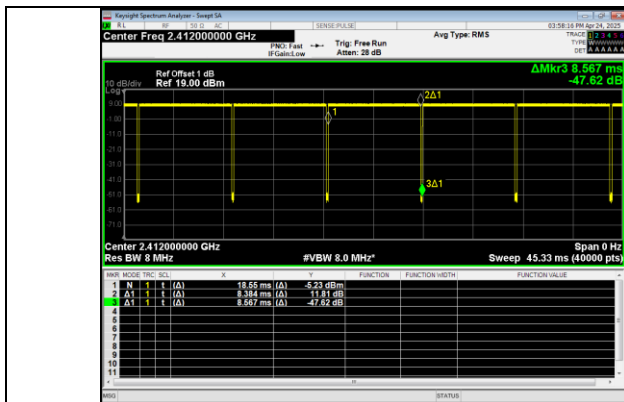
ANT2

Duty Cycle

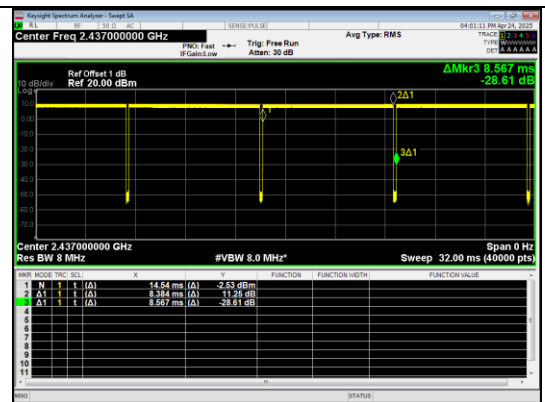
Test Result

Mode	Data rates	Channel	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)	1/T
IEEE 802.11b	1	1	8.384	8.567	97.87	0.9787	0.0935	0.1193
		6	8.384	8.567	97.86	0.9786	0.0939	0.1193
		11	8.384	8.567	97.86	0.9786	0.0939	0.1193
IEEE 802.11g		1	1.396	1.573	88.75	0.8875	0.5183	0.7163
		6	1.396	1.564	89.26	0.8926	0.4934	0.7163
		11	1.396	1.591	87.74	0.8774	0.568	0.7163
IEEE 802.11n_20	MCS 0	1	1.176	1.354	86.86	0.8686	0.6118	0.8503
		6	1.177	1.346	87.49	0.8749	0.5804	0.8496
		11	1.176	1.354	86.86	0.8686	0.6118	0.8503
IEEE 802.11n_40		3	0.589	0.767	76.84	0.7684	1.1441	1.6978
		6	0.589	0.757	77.78	0.7778	1.0913	1.6978
		9	0.589	0.767	76.84	0.7684	1.1441	1.6978

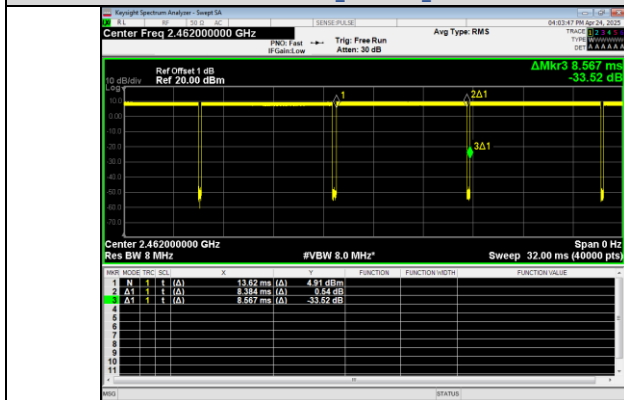
Test Graphs



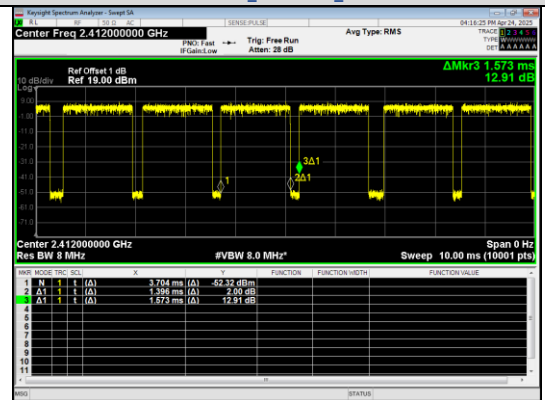
IEEE 802.11b_20MHz_Channel 1



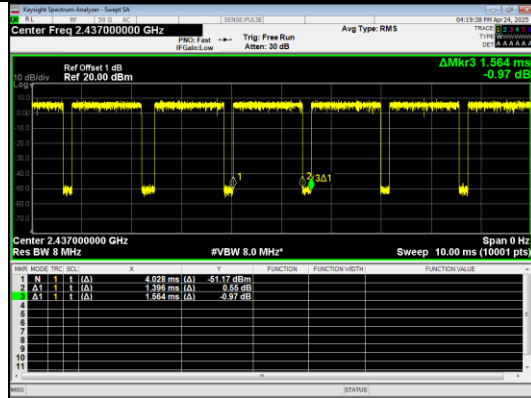
IEEE 802.11b_20MHz_Channel 6



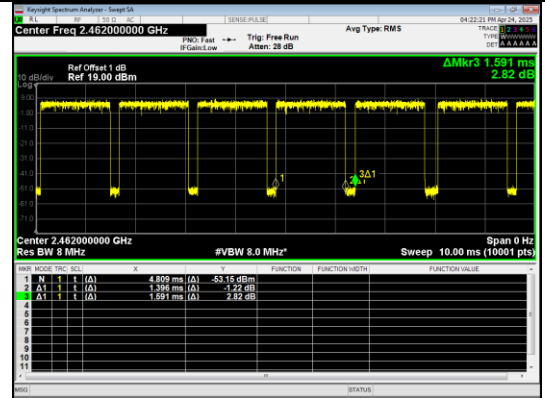
IEEE 802.11b_20MHz_Channel 11



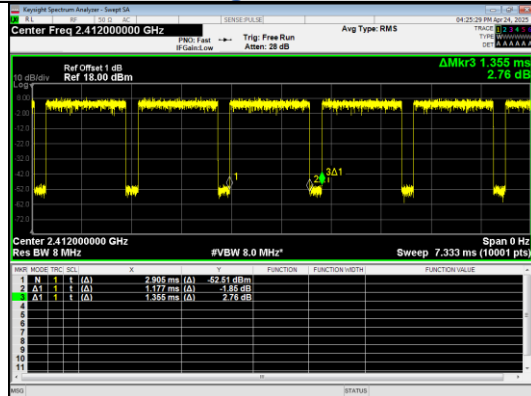
IEEE 802.11g_20MHz_Channel 1



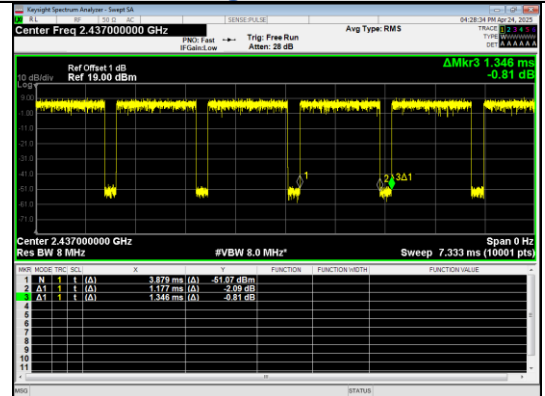
IEEE 802.11g 20MHz_Channel 6



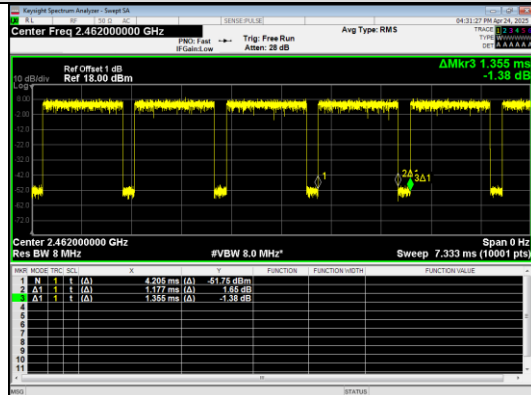
IEEE 802.11g 20MHz_Channel 11



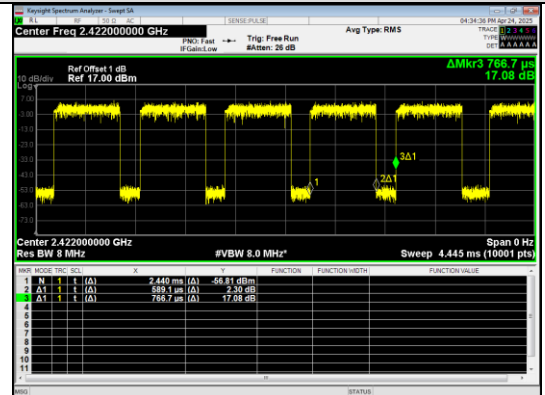
IEEE 802.11n 20MHz_Channel 1



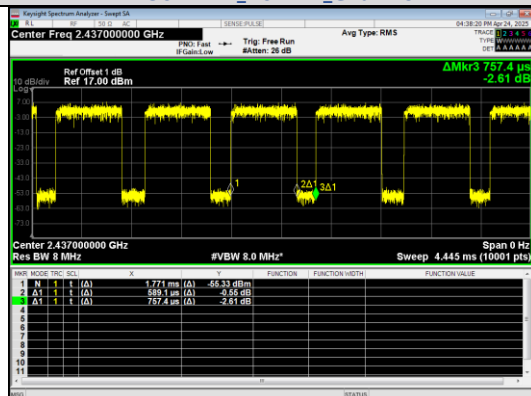
IEEE 802.11n 20MHz_Channel 6



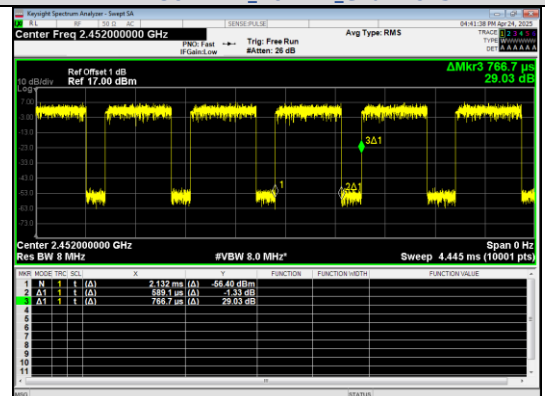
IEEE 802.11n 20MHz_Channel 11



IEEE 802.11n 40MHz_Channel 3



IEEE 802.11n 40MHz_Channel 6



IEEE 802.11n 40MHz_Channel 9

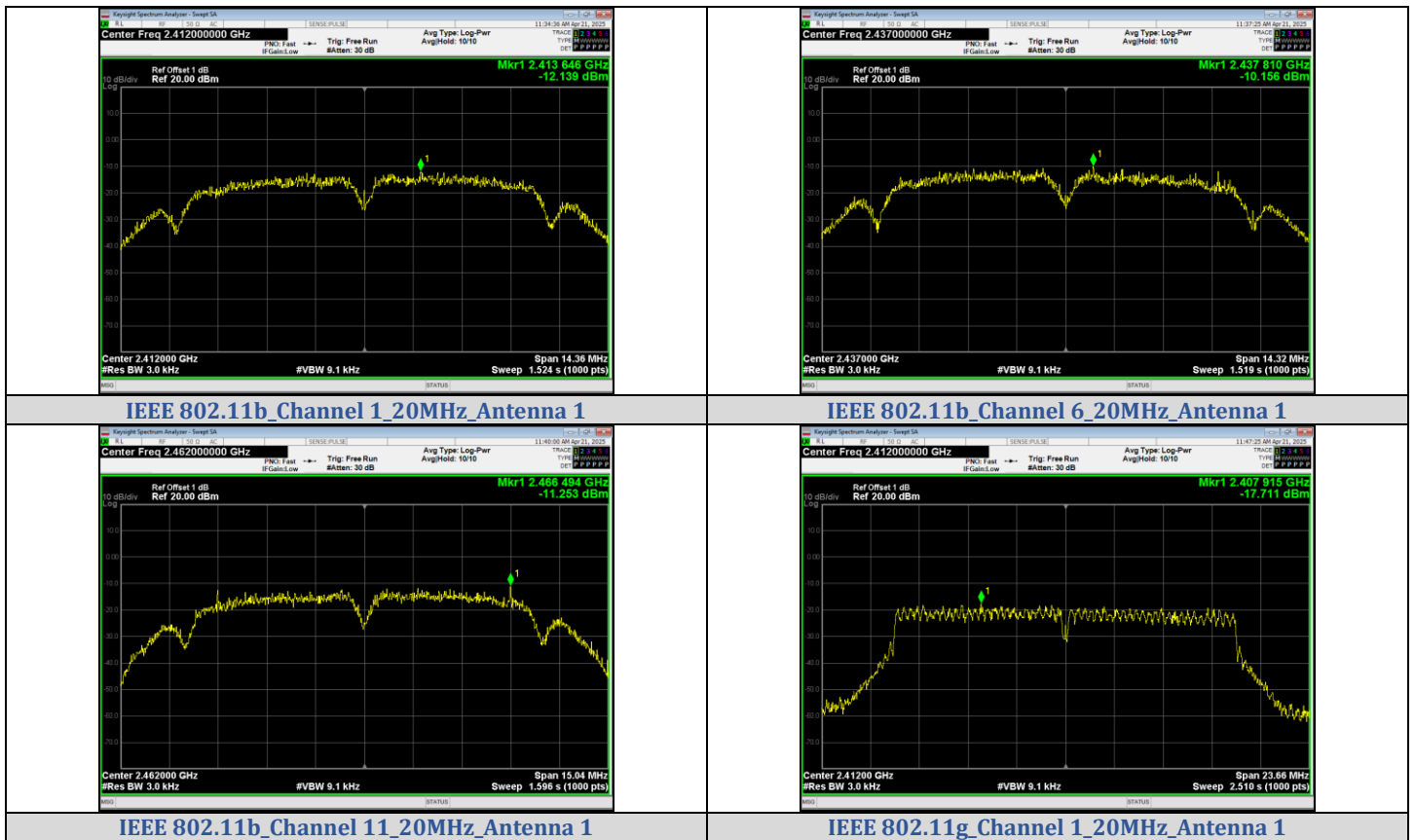
ANT1

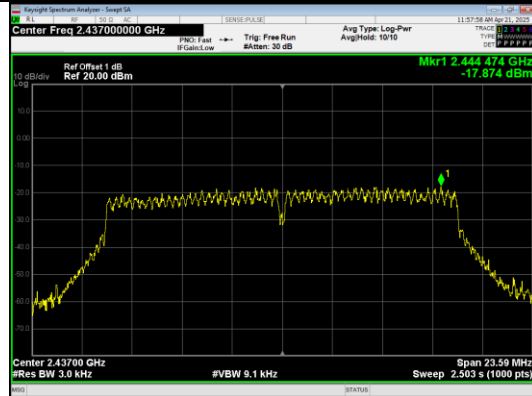
Power Spectral Density

Test Result

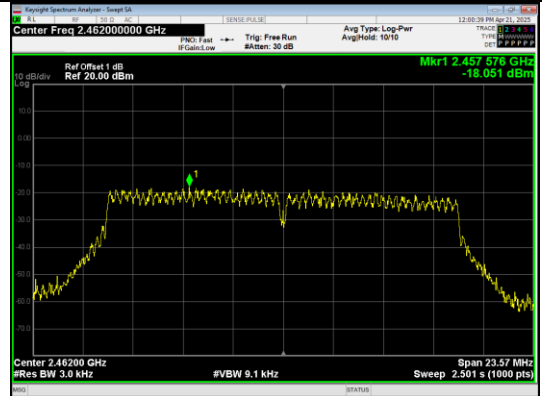
Mode	Channel	PSD (dBm/3kHz) Ant. 1	Limit (dBm/3kHz)	Result
IEEE 802.11b	1	-12.139	≤8	PASS
	6	-10.156		PASS
	11	-11.253		PASS
IEEE 802.11g	1	-17.711		PASS
	6	-17.874		PASS
	11	-18.051		PASS
IEEE 802.11n_20	1	-18.530		PASS
	6	-17.501		PASS
	11	-17.408		PASS
IEEE 802.11n_40	3	-21.900		PASS
	6	-20.528		PASS
	9	-21.720		PASS

Test Graphs

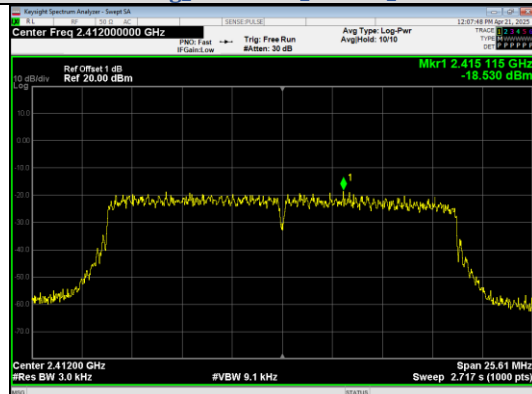




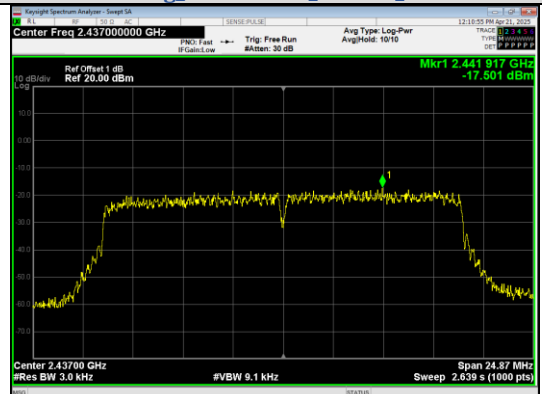
IEEE 802.11g_Channel 6_20MHz_Antenna 1



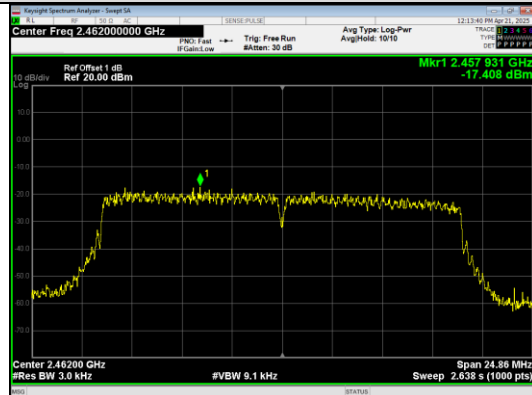
IEEE 802.11g_Channel 11_20MHz_Antenna 1



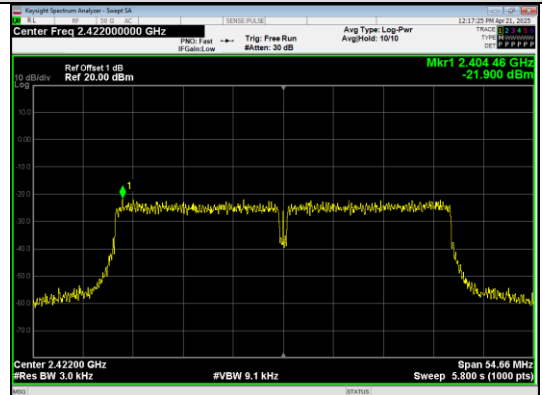
IEEE 802.11n_Channel 1_20MHz_Antenna 1



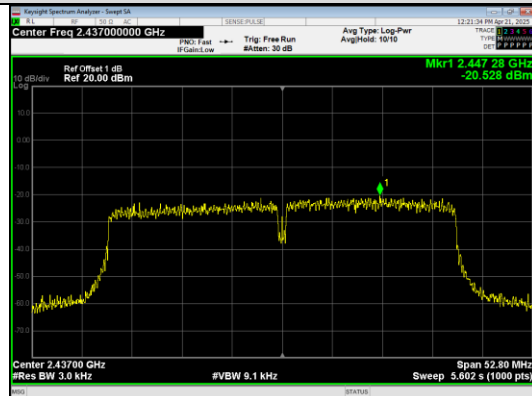
IEEE 802.11n_Channel 6_20MHz_Antenna 1



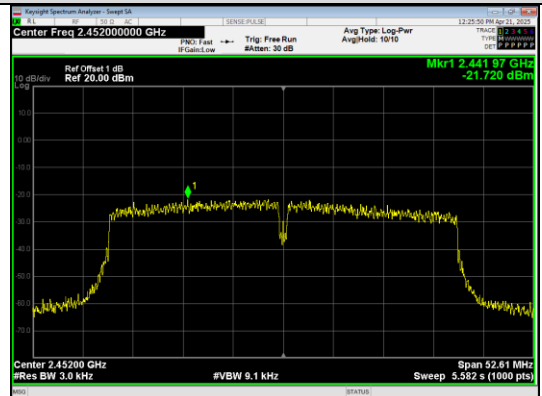
IEEE 802.11n_Channel 11_20MHz_Antenna 1



IEEE 802.11n_Channel 3_40MHz_Antenna 1



IEEE 802.11n_Channel 6_40MHz_Antenna 1



IEEE 802.11n_Channel 9_40MHz_Antenna 1

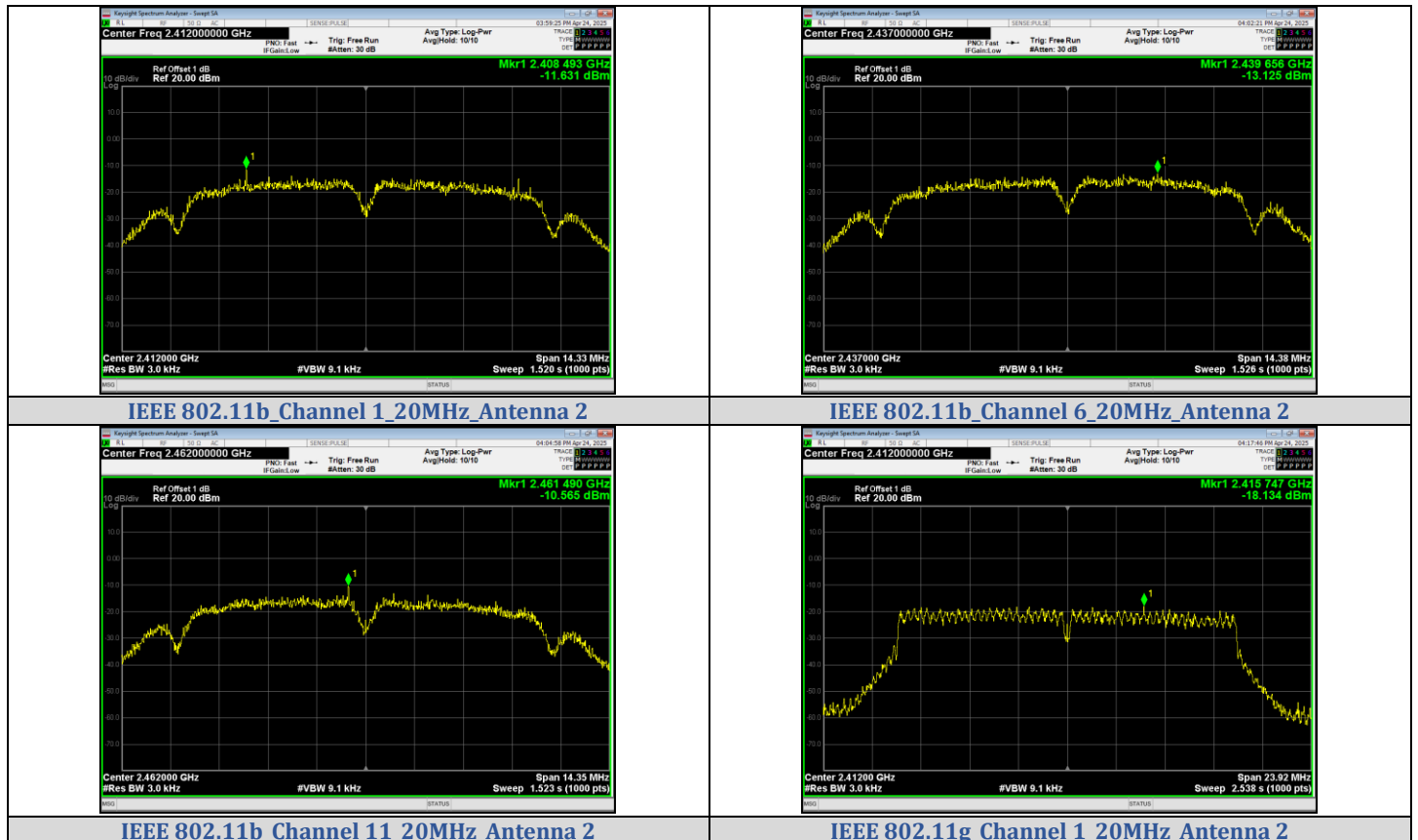
ANT2

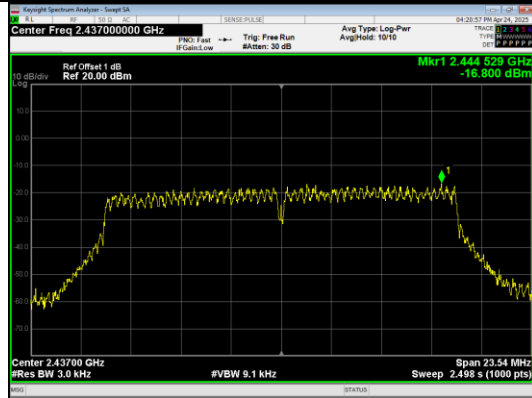
Power Spectral Density

Test Result

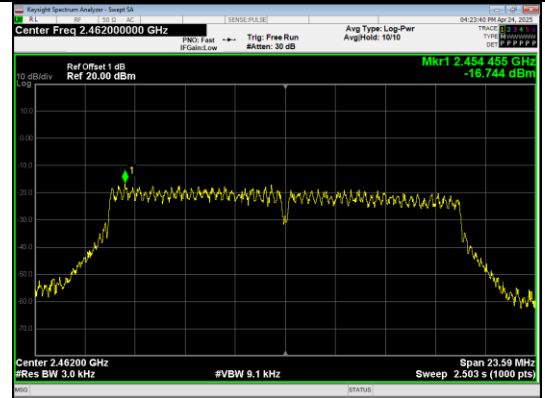
Mode	Channel	PSD (dBm/3kHz) Ant. 2	Limit (dBm/3kHz)	Result
IEEE 802.11b	1	-11.631	≤8	PASS
	6	-13.125		PASS
	11	-10.565		PASS
IEEE 802.11g	1	-18.134		PASS
	6	-16.800		PASS
	11	-16.744		PASS
IEEE 802.11n_20	1	-17.598		PASS
	6	-17.331		PASS
	11	-17.115		PASS
IEEE 802.11n_40	3	-20.899		PASS
	6	-19.437		PASS
	9	-20.429		PASS

Test Graphs

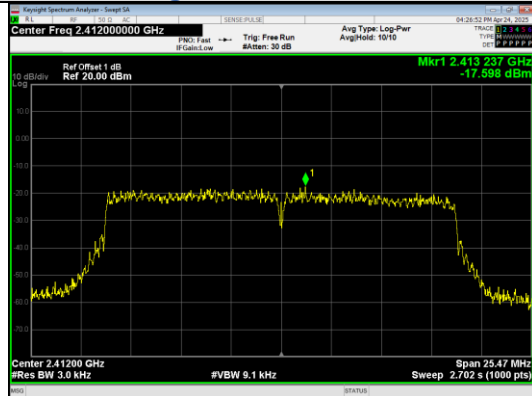




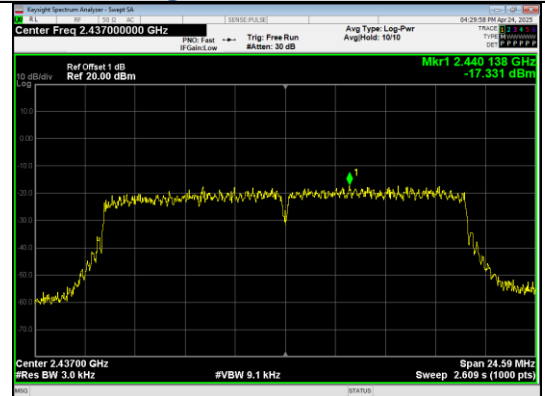
IEEE 802.11g_Channel 6_20MHz_Antenna 2



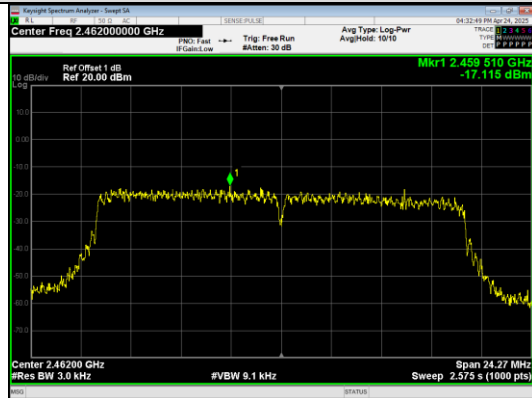
IEEE 802.11g_Channel 11_20MHz_Antenna 2



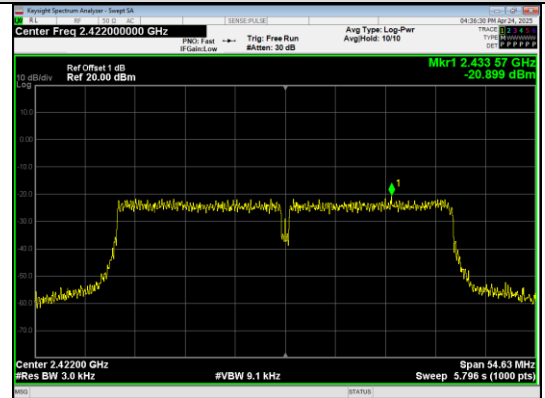
IEEE 802.11n_Channel 1_20MHz_Antenna 2



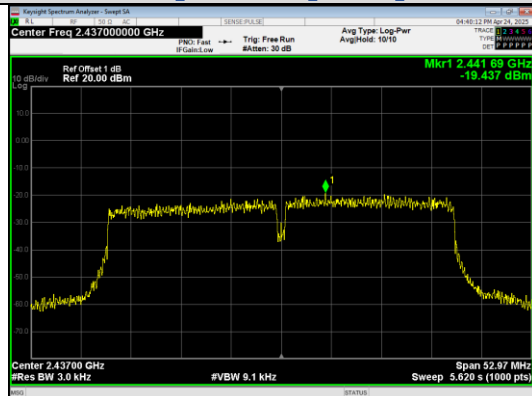
IEEE 802.11n_Channel 6_20MHz_Antenna 2



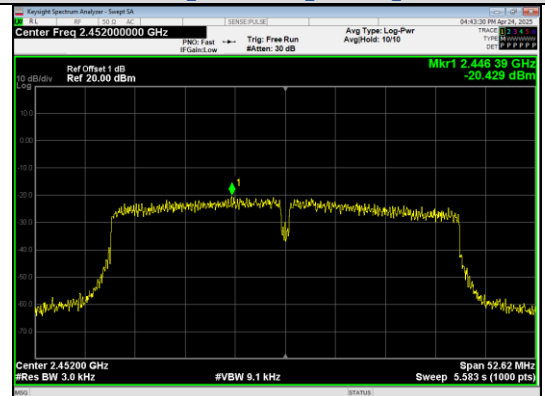
IEEE 802.11n_Channel 11_20MHz_Antenna 2



IEEE 802.11n_Channel 3_40MHz_Antenna 2



IEEE 802.11n_Channel 6_40MHz_Antenna 2



IEEE 802.11n_Channel 9_40MHz_Antenna 2

MIMO

Mode	Channel	PSD (dBm/3kHz) Ant. 1	PSD (dBm/3kHz) Ant. 2	PSD (dBm/3kHz) MIMO	Limit (dBm/3kHz)	Result
IEEE 802.11n_20	1	-18.530	-17.598	-15.03	≤8	PASS
	6	-17.501	-17.331	-14.40		PASS
	11	-17.408	-17.115	-14.25		PASS
IEEE 802.11n_40	3	-21.900	-20.899	-18.36		PASS
	6	-20.528	-19.437	-16.94		PASS
	9	-21.720	-20.429	-18.02		PASS