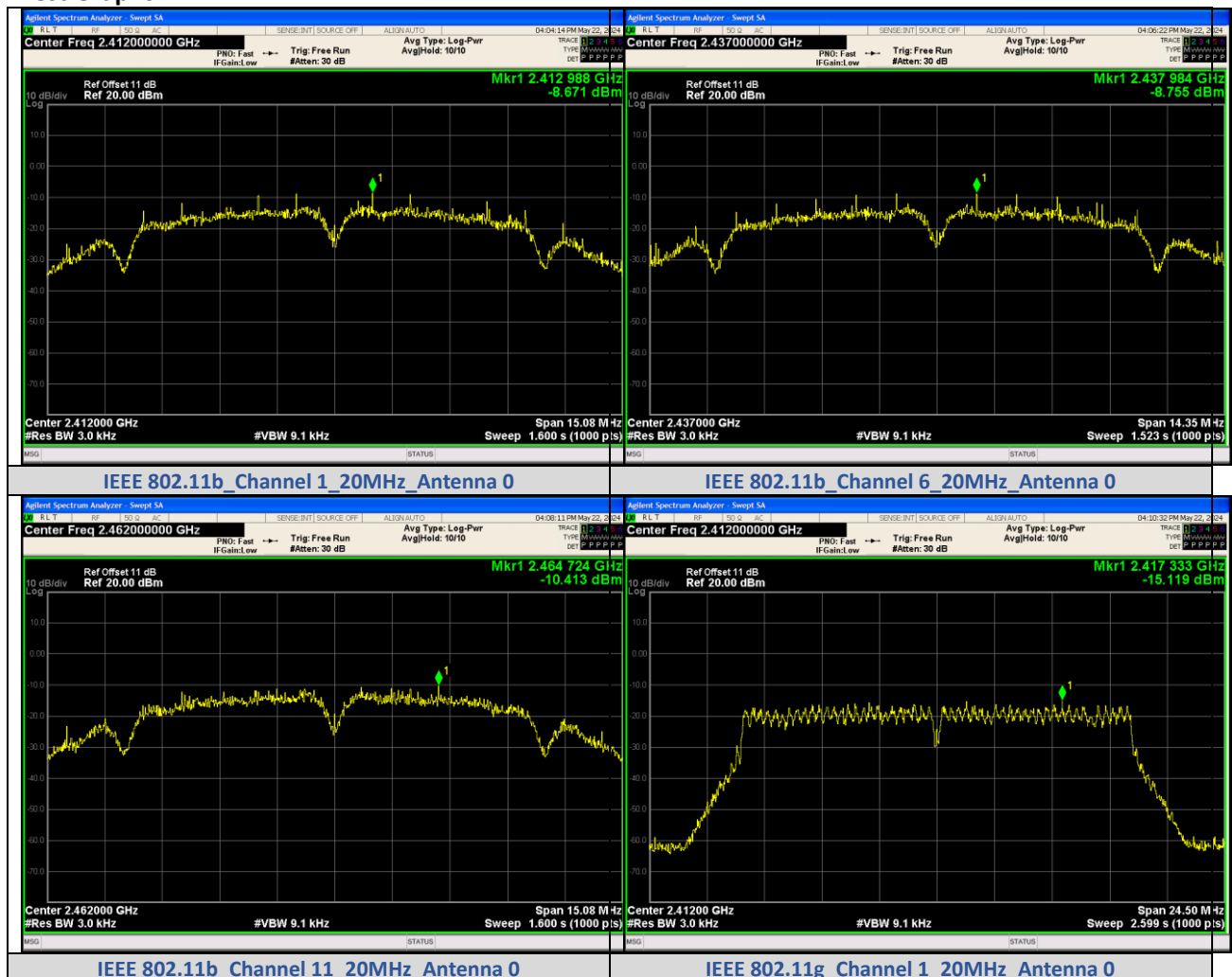


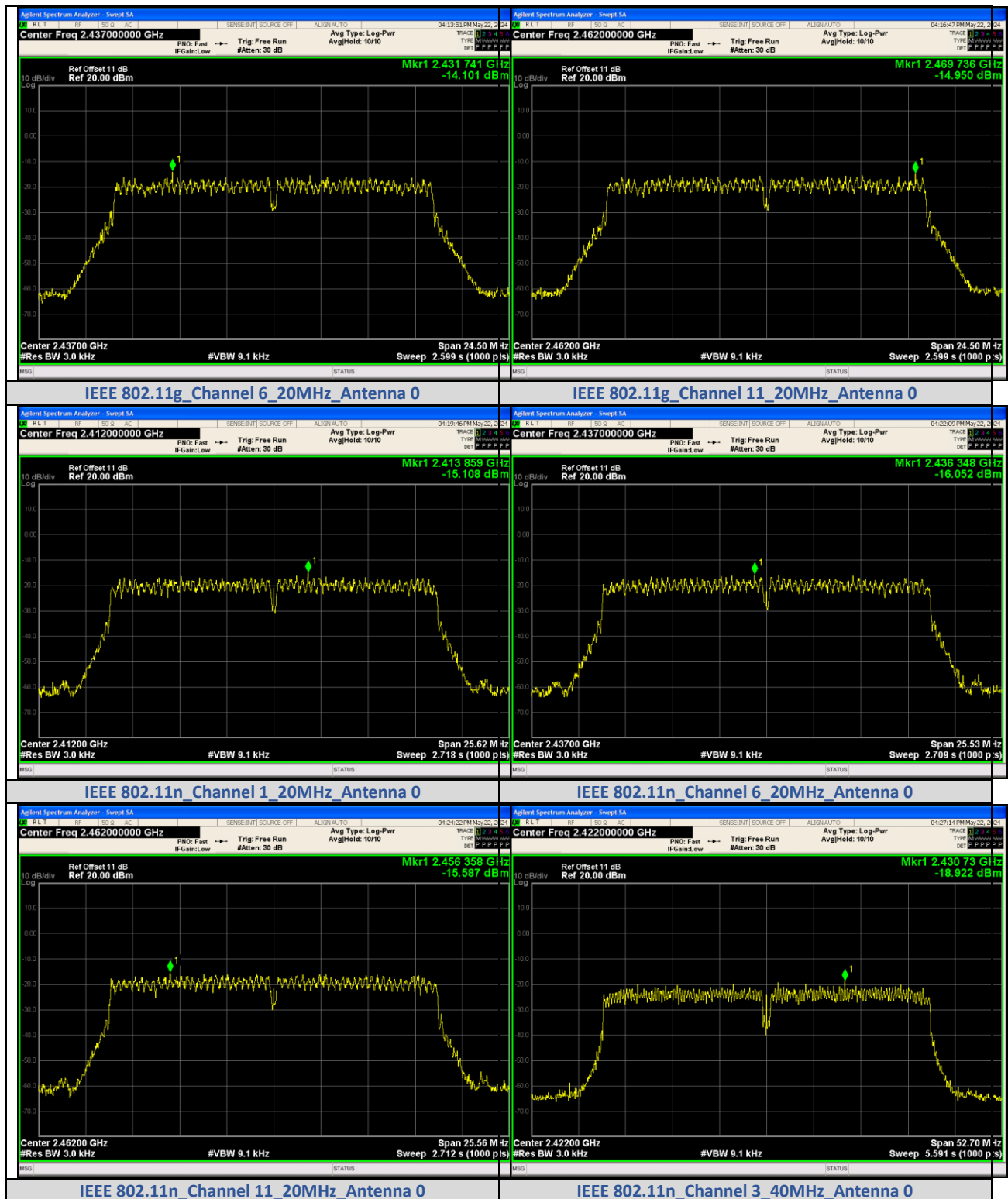
A.4 Power Spectral Density

Mode	Channel	PSD (dBm/3kHz) Ant. 0	Limit (dBm/3kHz)	Result
IEEE 802.11b	1	-8.671	8	PASS
	6	-8.755		PASS
	11	-10.413		PASS
IEEE 802.11g	1	-15.119		PASS
	6	-14.101		PASS
	11	-14.950		PASS
IEEE 802.11n_20	1	-15.108		PASS
	6	-16.052		PASS
	11	-15.587		PASS
IEEE 802.11n_40	3	-18.922		PASS
	6	-20.031		PASS
	9	-19.859		PASS

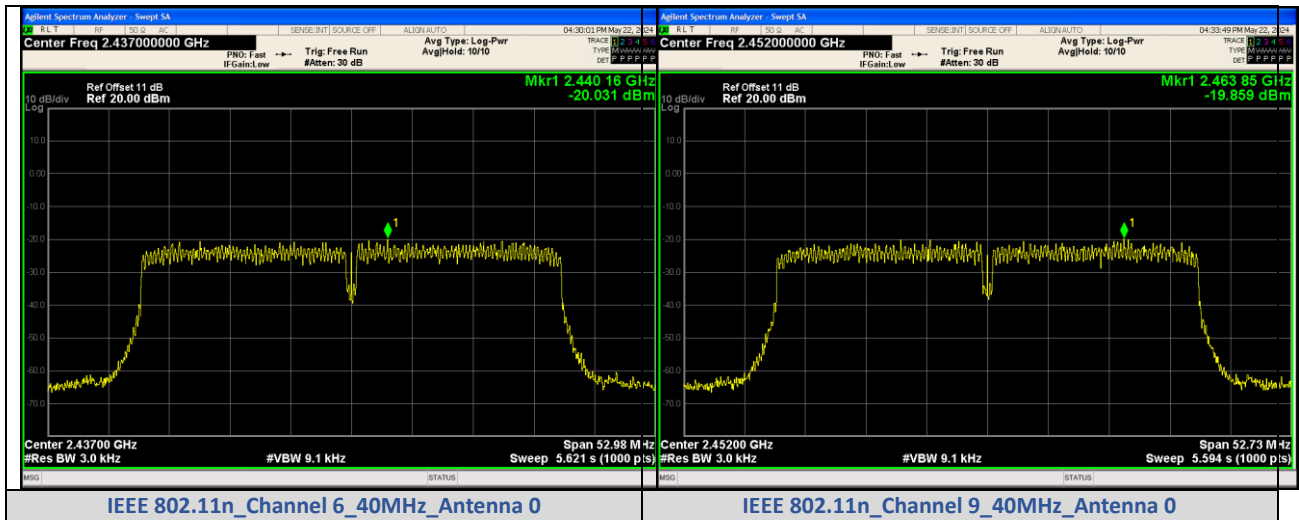
Test Graphs



TEST REPORT



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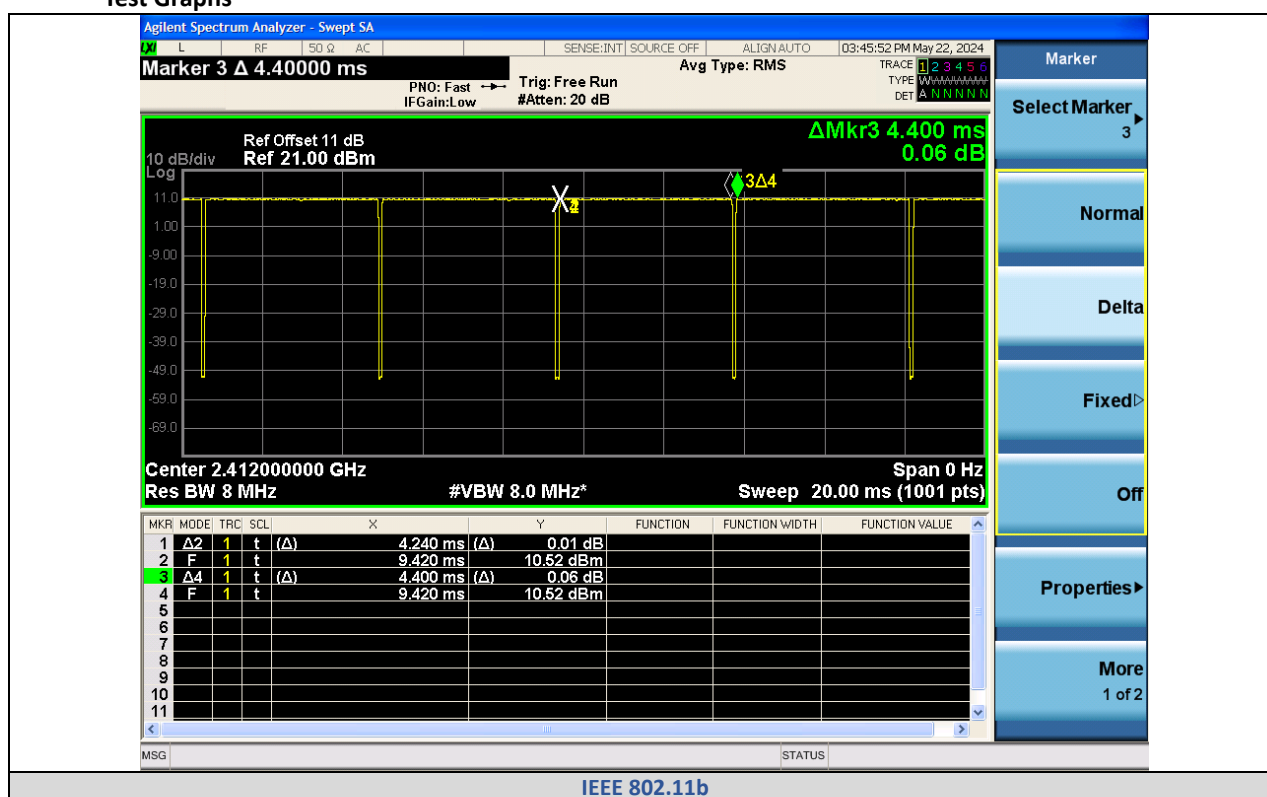
A.5 Duty Cycle

Mode	Data Rates	On Time (msec)	Period (msec)	Duty Cycle (linear)	Duty Cycle (%)	Duty Cycle Factor (dB)	1/T Minimum VBW (kHz)
IEEE 802.11b	1 Mbps	4.240	4.400	0.96	96.36	0.16	0.24
IEEE 802.11g	6 Mbps	0.695	0.745	0.93	93.29	0.30	1.44
IEEE 802.11n-HT20	MCS 0	0.655	0.710	0.92	92.25	0.35	1.53
IEEE 802.11n-HT40	MCS 0	0.297	0.375	0.79	79.20	1.01	3.37

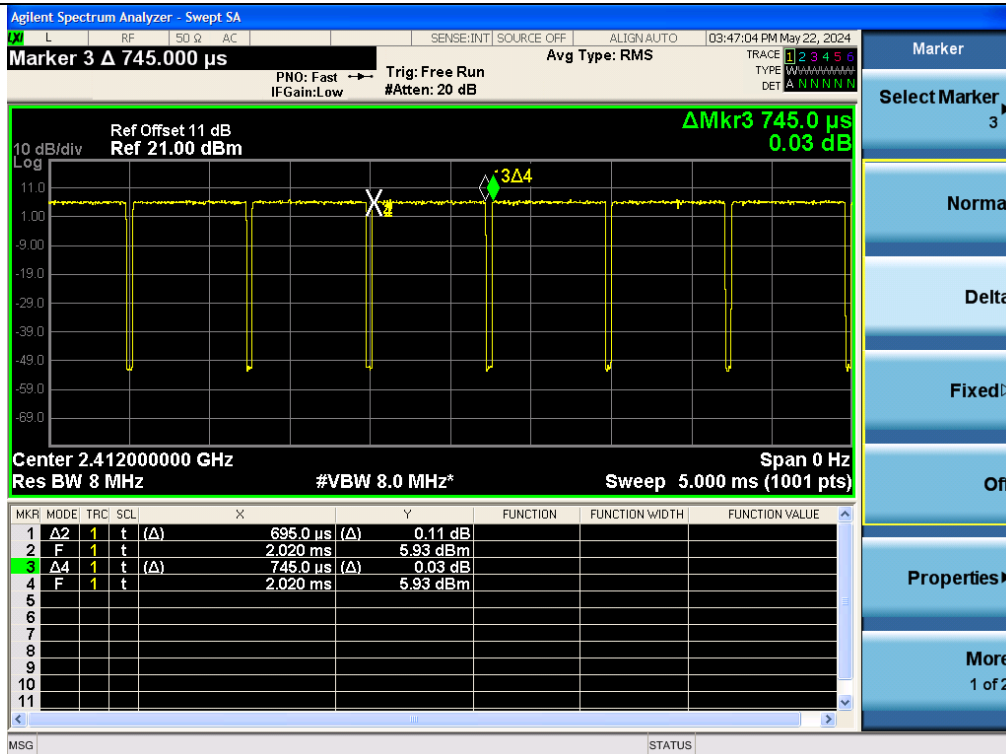
Remark:

- 1) Duty cycle= On Time/ Period;
- 2) Duty Cycle factor = $10 * \log(1/ \text{Duty cycle});$
- 3) Average factor = $20 \log_{10} \text{Duty Cycle}.$

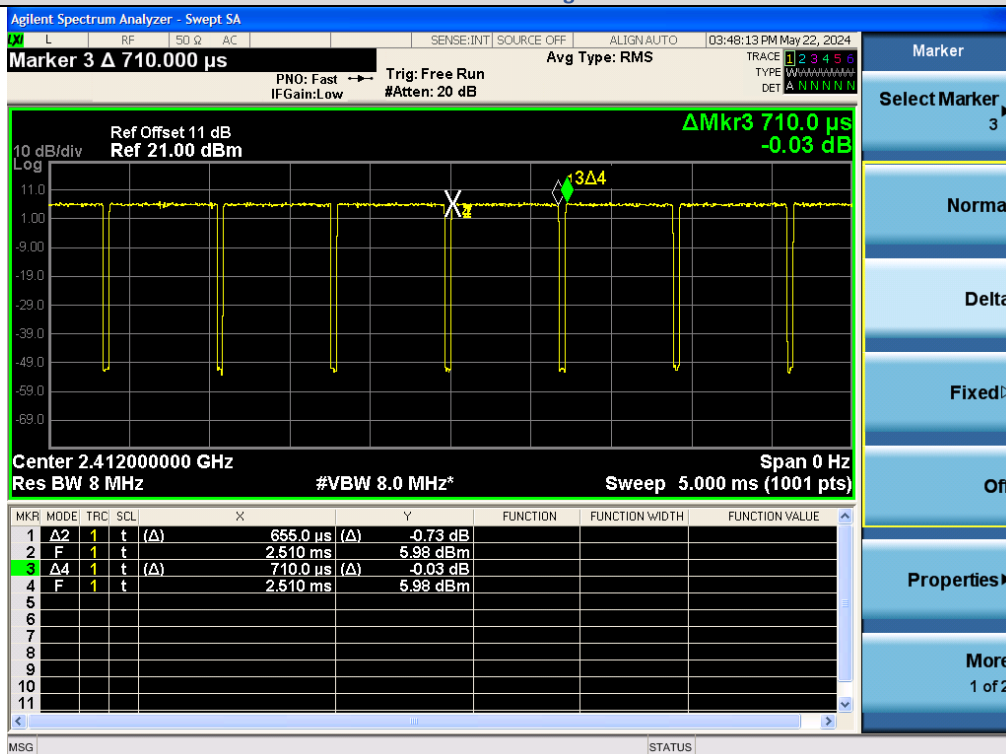
Test Graphs



TEST REPORT

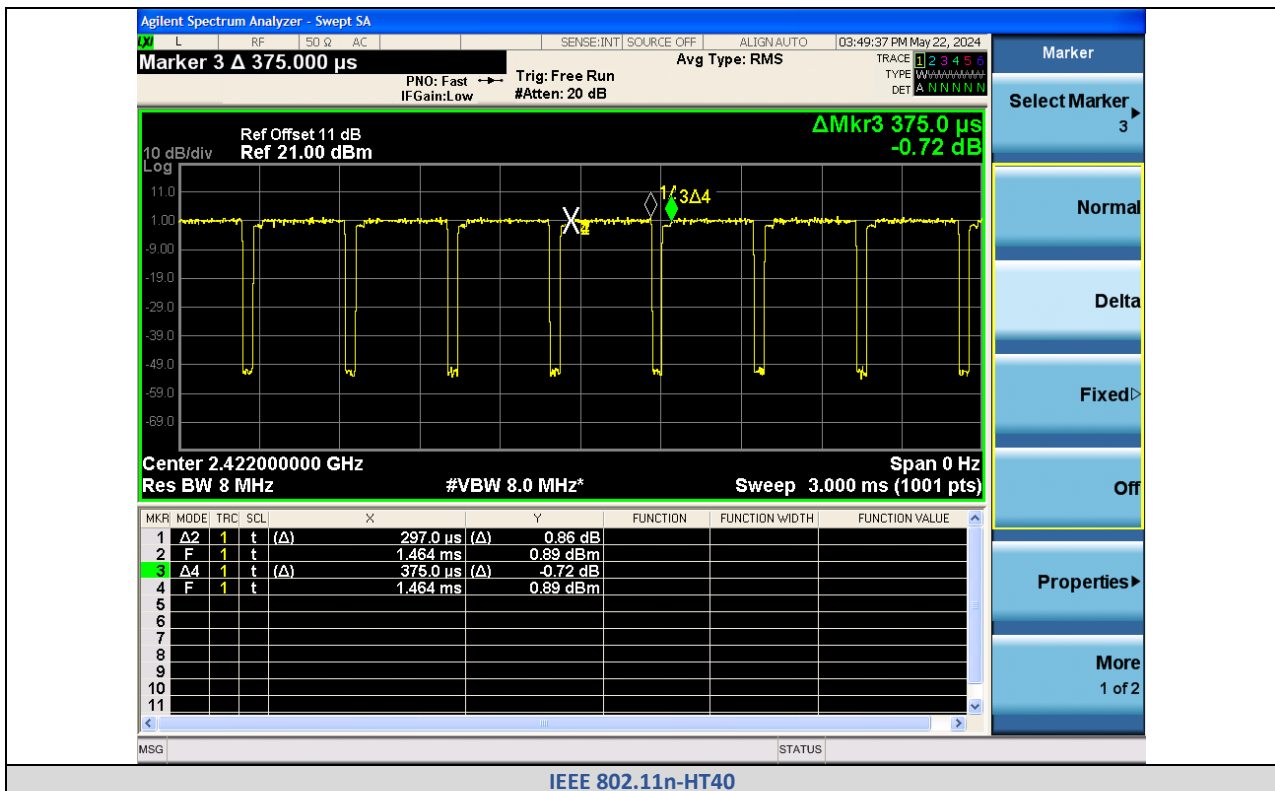


IEEE 802.11g



IEEE 802.11n-HT20

TEST REPORT



Appendix I Photos of Test Setup

Refer to Appendix I for EUT Setup

Appendix II: Photograph of equipment under test

Refer to Appendix II for EUT external and internal photos.

***** END *****