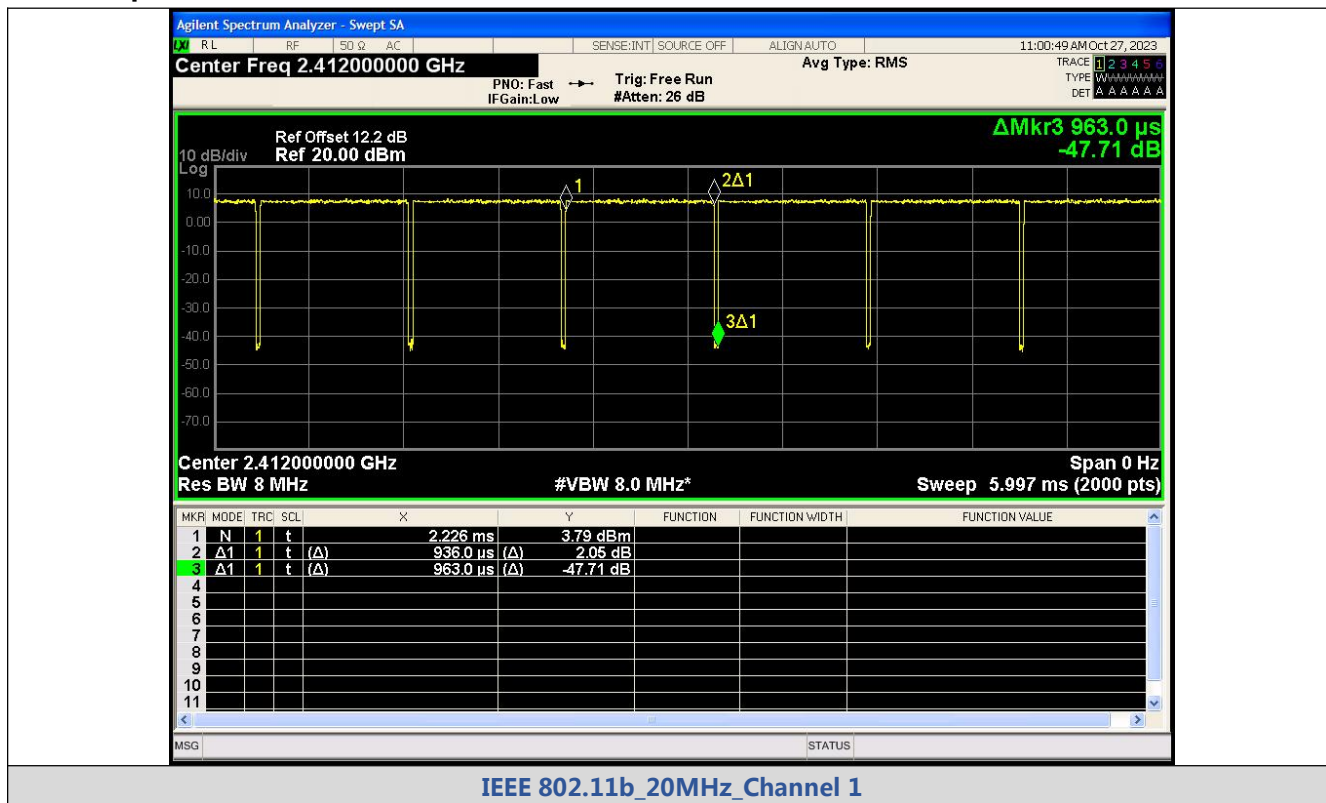


## APPENDIX V. Duty Cycle

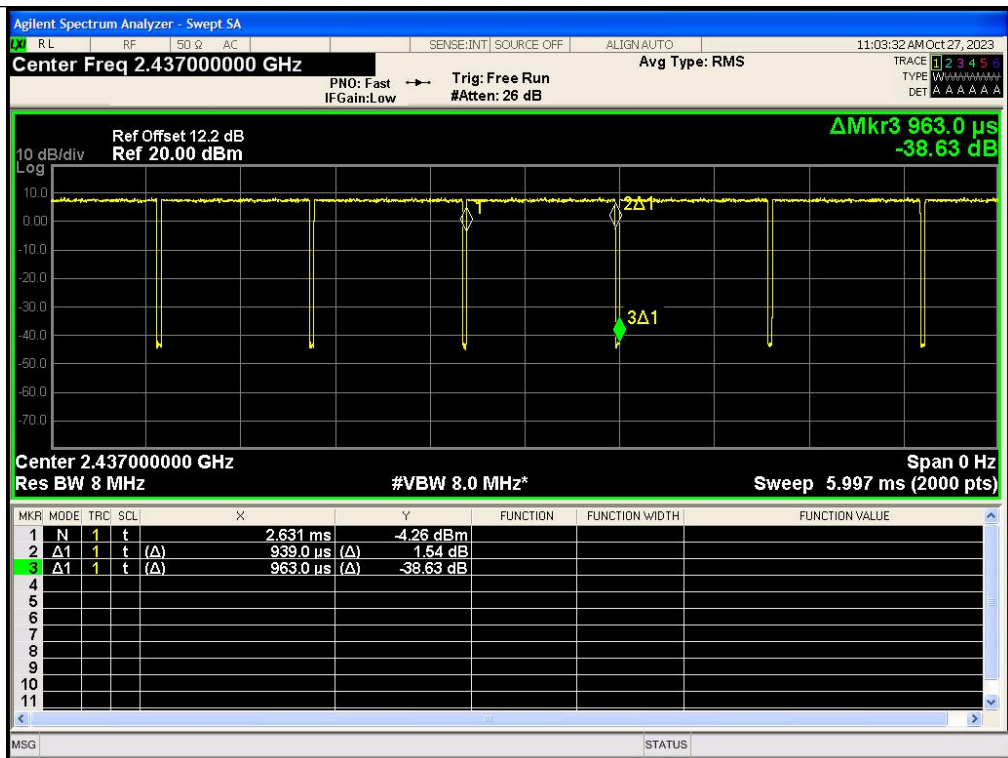
### Test Result

Mode	Data rates	Channel	Antenna	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)
IEEE 802.11b	11	1	1	0.936	0.963	97.20	0.9720	0.1233
		6		0.939	0.963	97.51	0.9751	0.1095
		11		0.939	0.963	97.51	0.9751	0.1095
IEEE 802.11g	54	1		0.179	0.293	60.90	0.6090	2.1538
		6		0.180	0.348	51.72	0.5172	2.8634
		11		0.180	0.293	61.43	0.6143	2.1162
IEEE 802.11n_20	MCS 7	1		0.168	0.300	56.00	0.5600	2.5181
		6		0.166	0.300	55.51	0.5551	2.5563
		11		0.168	0.300	56.00	0.5600	2.5181
IEEE 802.11n_40		3		0.104	0.298	34.90	0.3490	4.5717
		6		0.104	0.299	34.78	0.3478	4.5867
		9		0.104	0.308	33.77	0.3377	4.7147

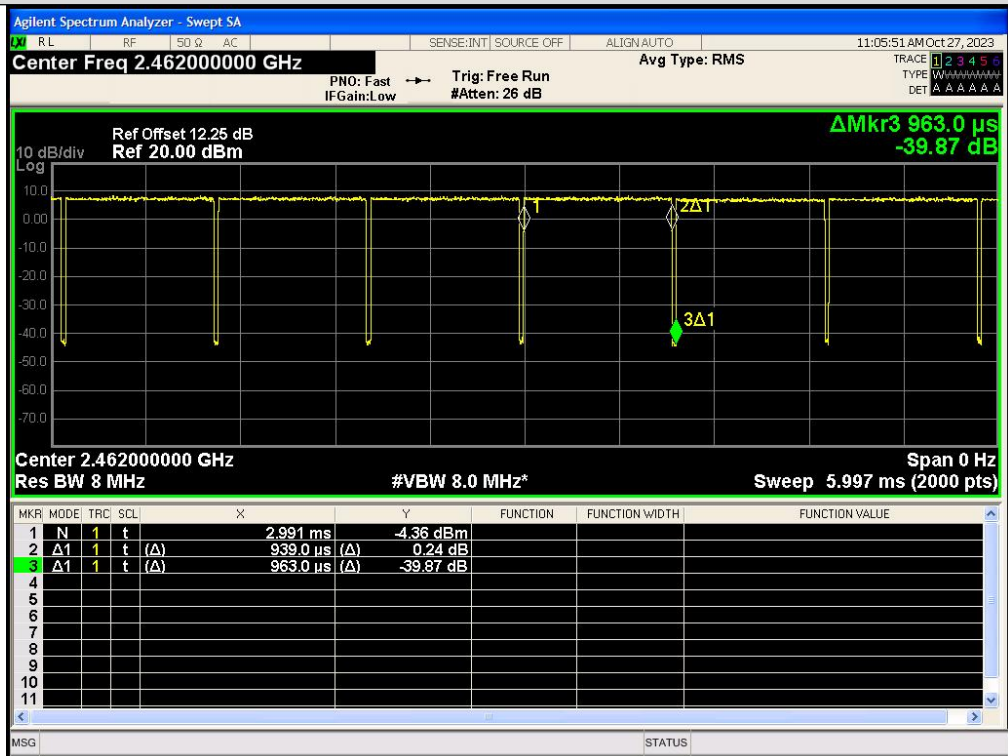
### Test Graphs



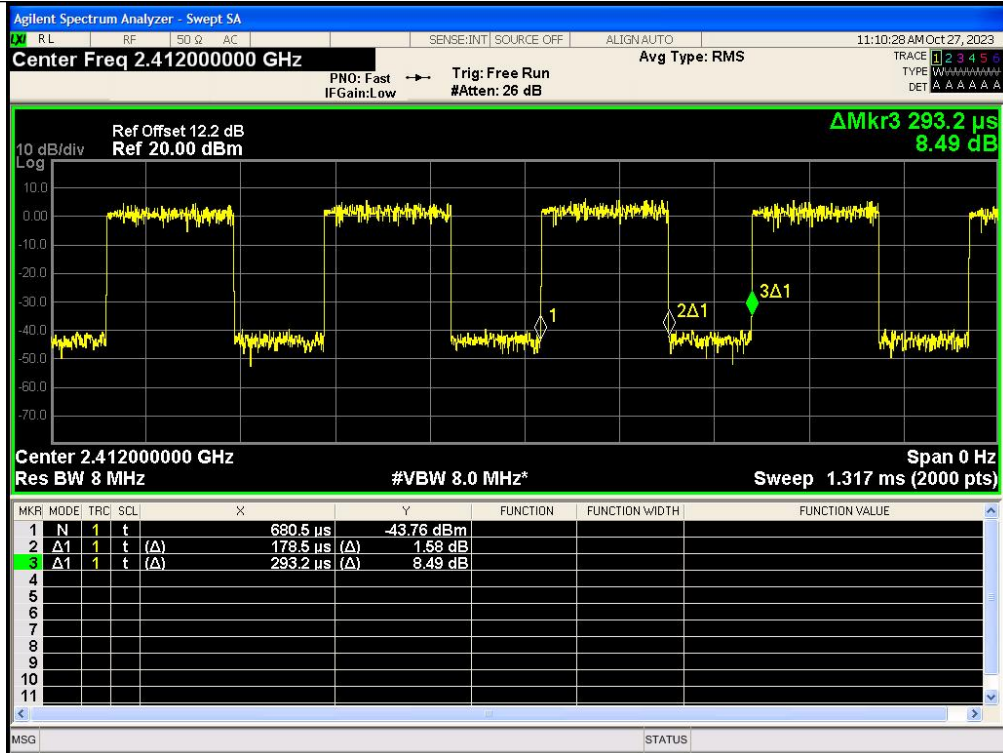
IEEE 802.11b\_20MHz\_Channel 1



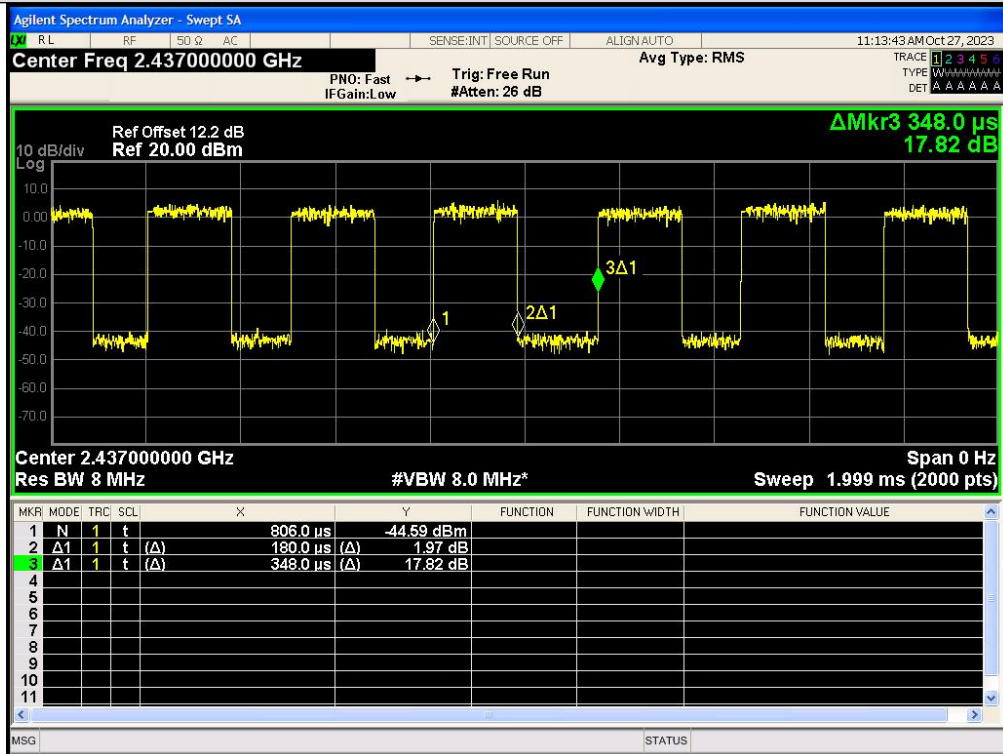
IEEE 802.11b\_20MHz\_Channel 6



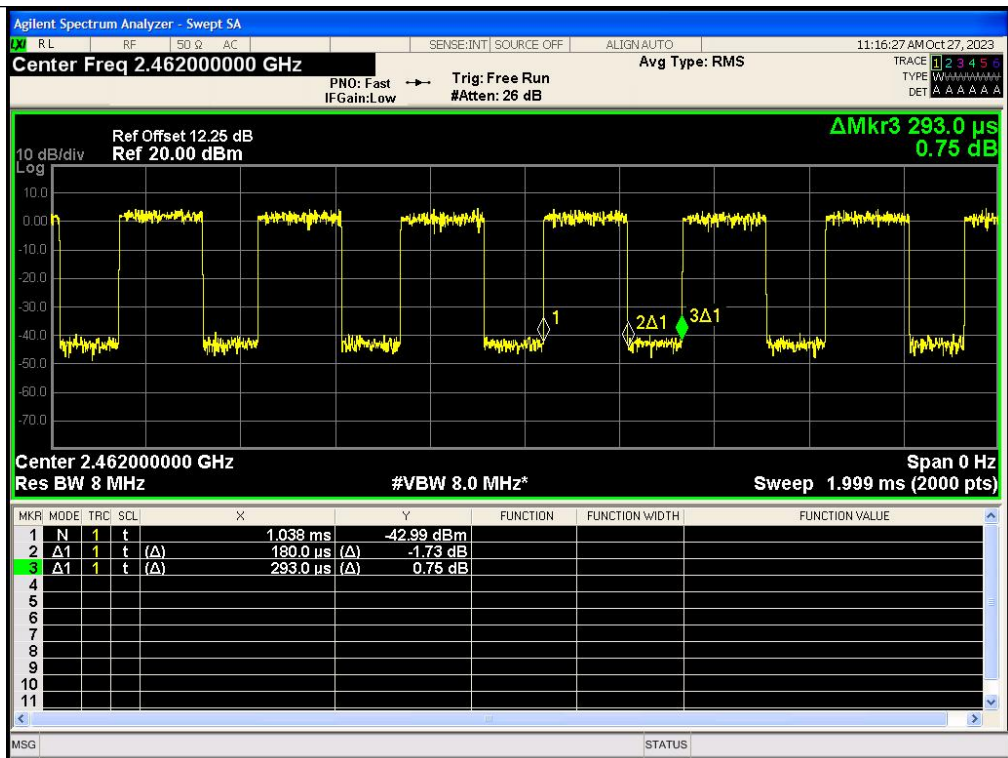
IEEE 802.11b\_20MHz\_Channel 11



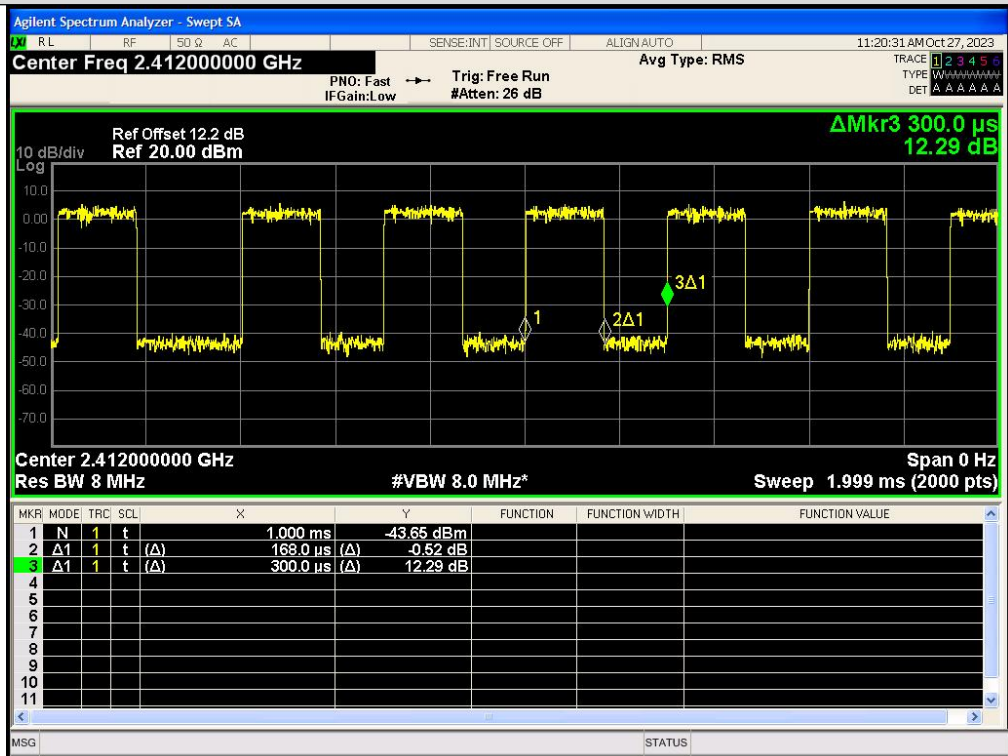
IEEE 802.11g\_20MHz\_Channel 1



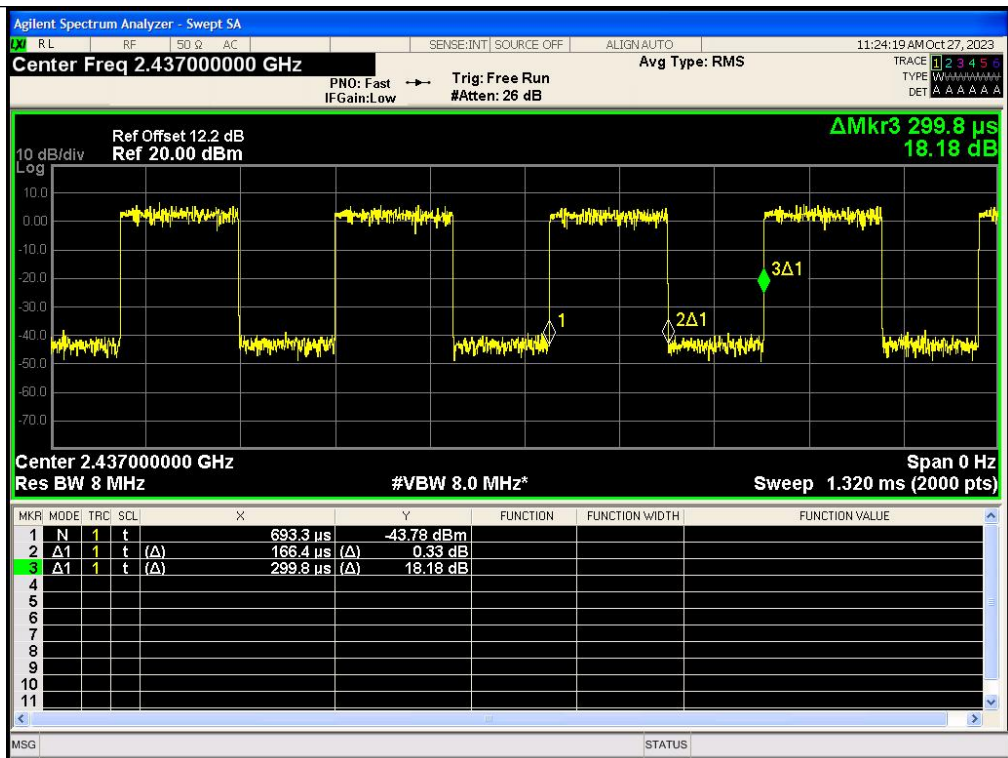
IEEE 802.11g\_20MHz\_Channel 6



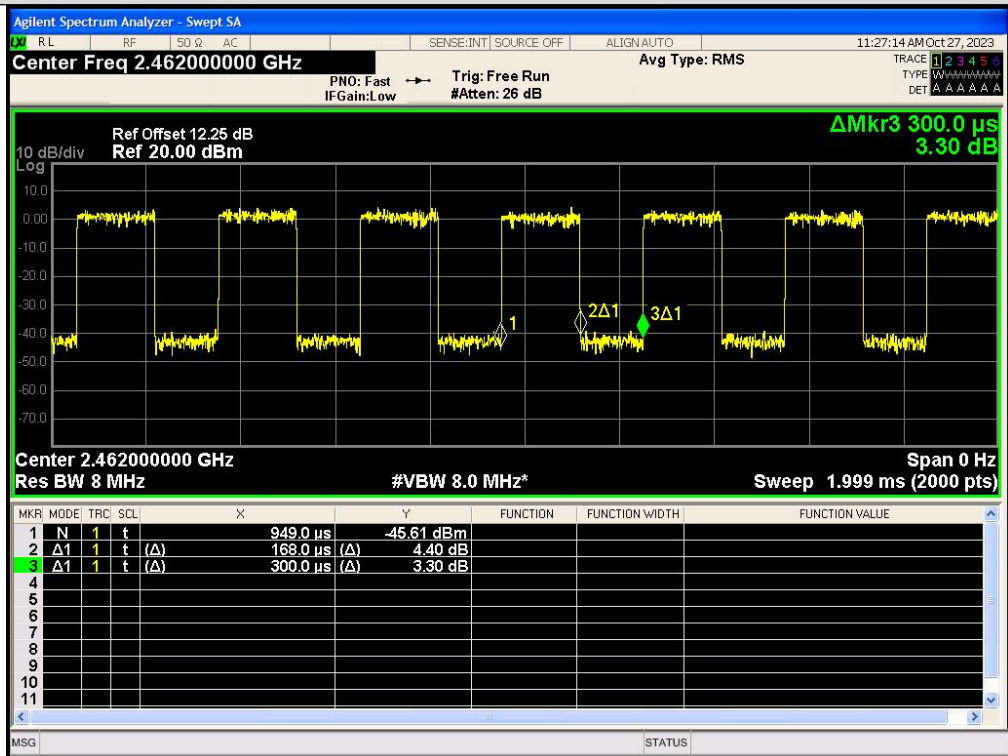
IEEE 802.11g\_20MHz\_Channel 11



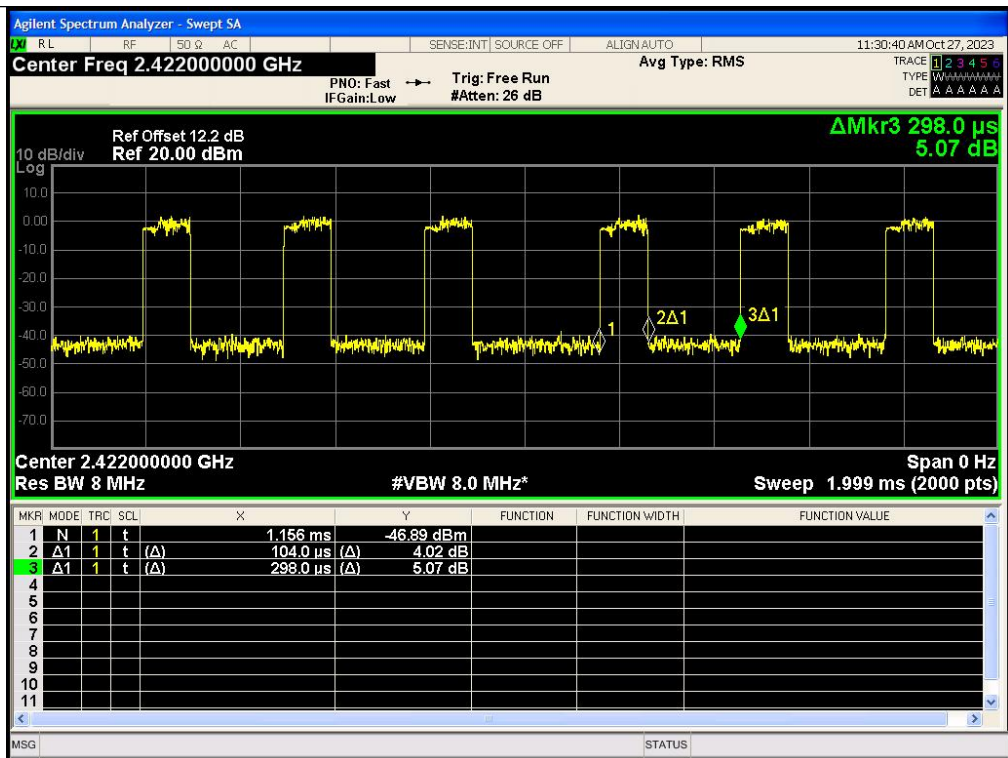
IEEE 802.11n\_20MHz\_Channel 1



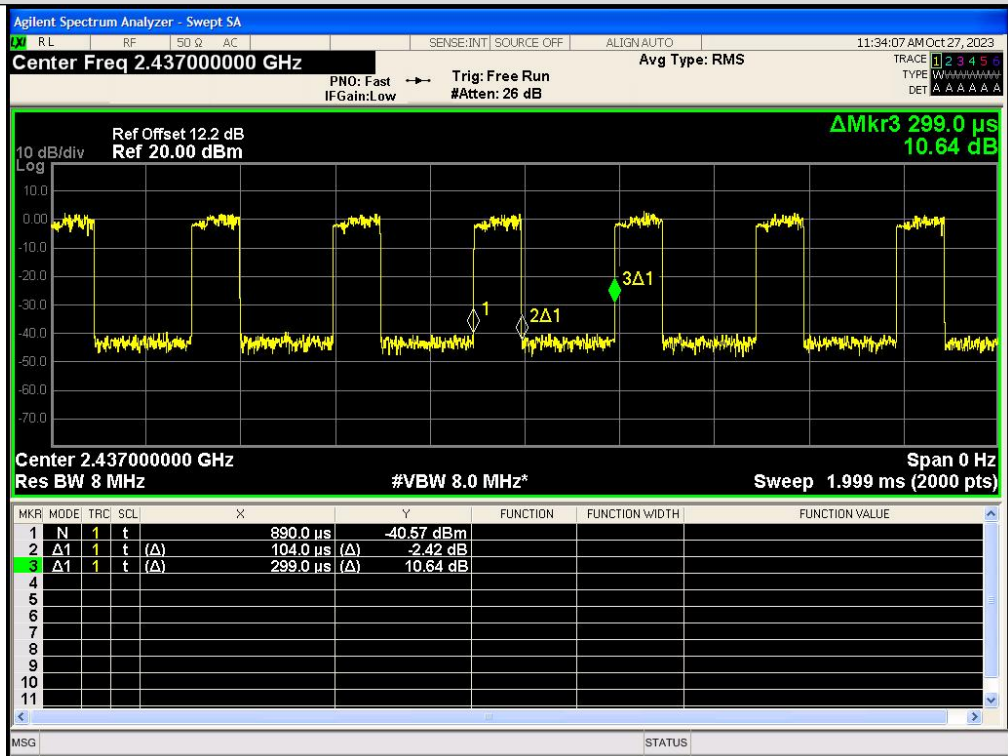
IEEE 802.11n\_20MHz\_Channel 6



IEEE 802.11n\_20MHz\_Channel 11



IEEE 802.11n\_40MHz\_Channel 3



IEEE 802.11n\_40MHz\_Channel 6

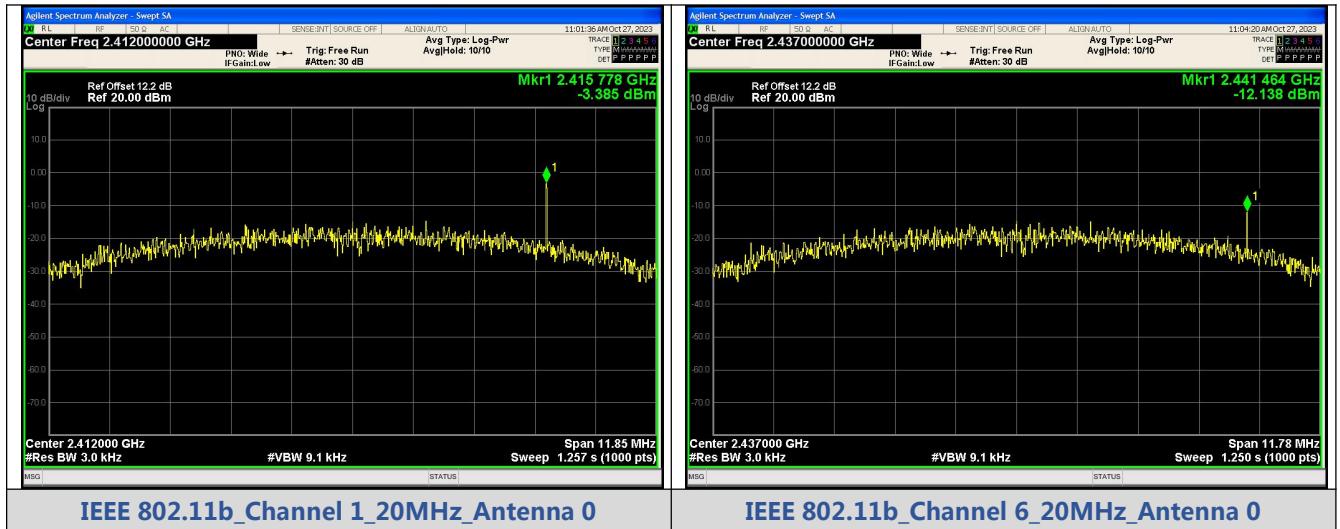


# APPENDIX VI. Power Spectral Density

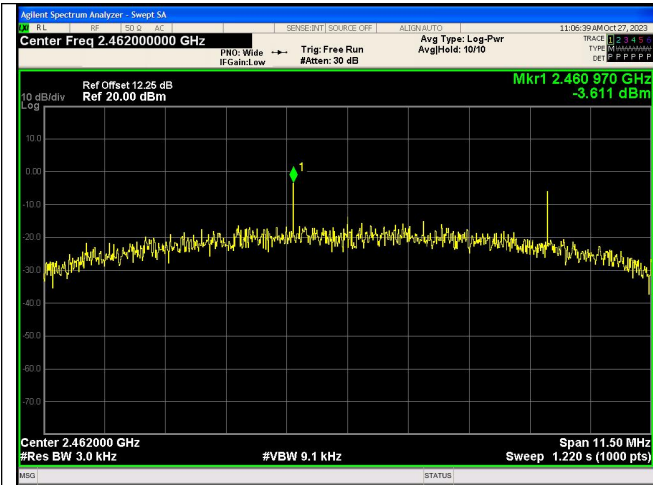
## Test Result

Mode	Channel	PSD (dBm/3kHz) Ant. 0	Limit (dBm/3kHz)	Result
IEEE 802.11b	1	-3.385	8	PASS
	6	-12.138		PASS
	11	-3.611		PASS
IEEE 802.11g	1	-21.763		PASS
	6	-21.307		PASS
	11	-22.212		PASS
IEEE 802.11n_20	1	-20.997		PASS
	6	-20.478		PASS
	11	-21.474		PASS
IEEE 802.11n_40	3	-25.140		PASS
	6	-24.799		PASS
	9	-24.649		PASS

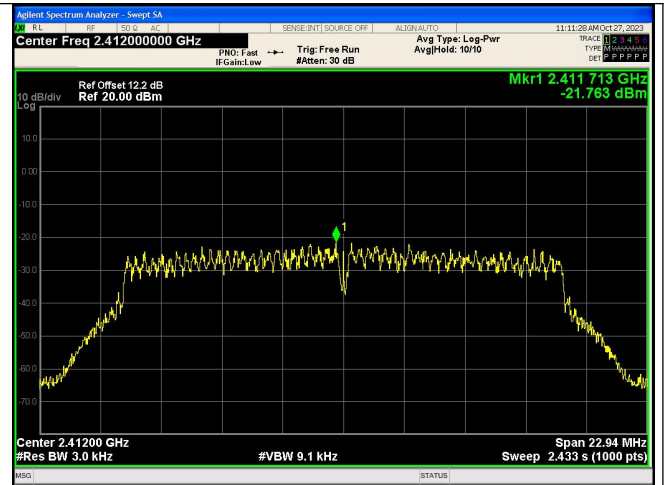
## Test Graphs



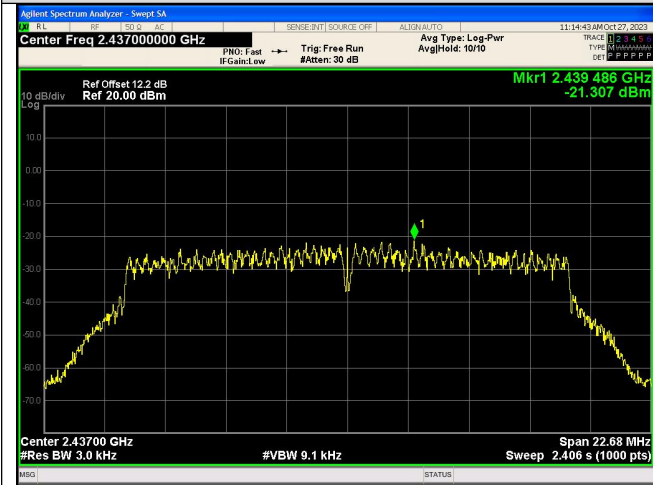




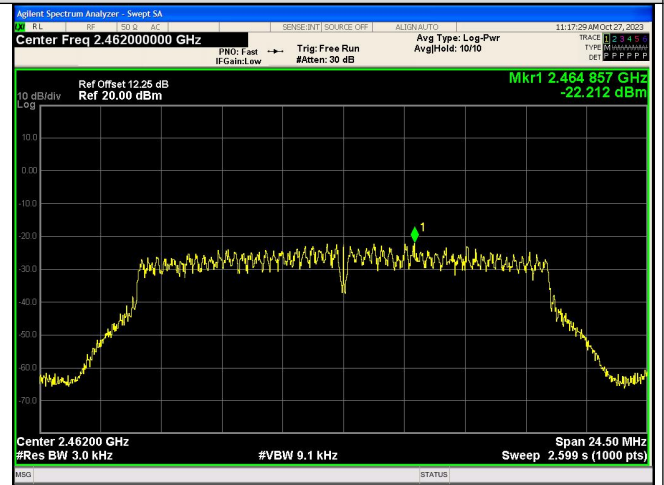
IEEE 802.11b\_Channel 11\_20MHz\_Antenna 0



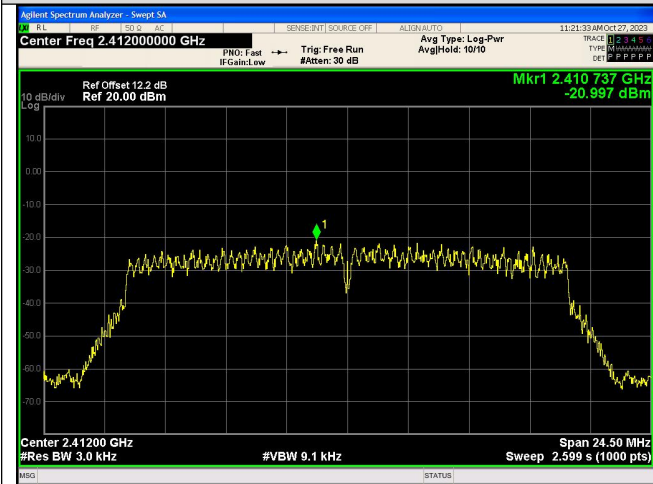
IEEE 802.11g\_Channel 1\_20MHz\_Antenna 0



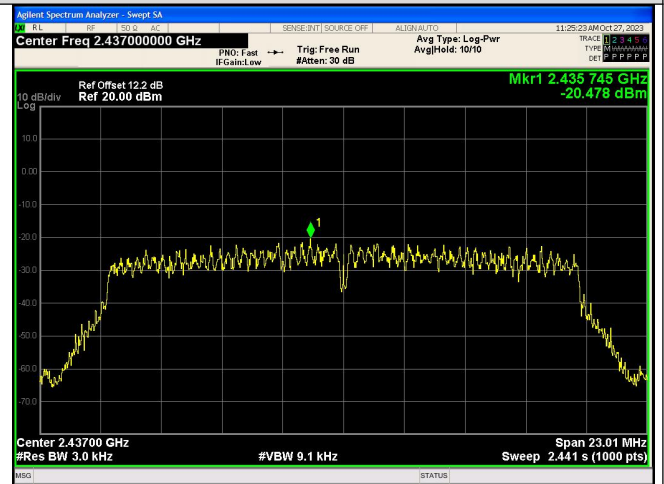
IEEE 802.11g\_Channel 6\_20MHz\_Antenna 0



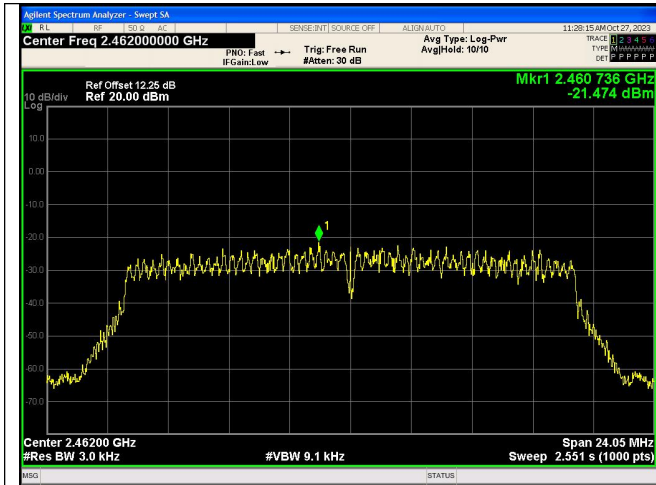
IEEE 802.11g\_Channel 11\_20MHz\_Antenna 0



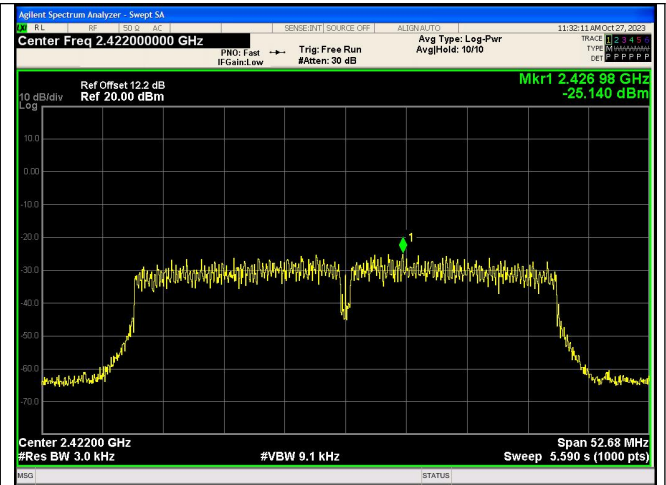
IEEE 802.11n\_Channel 1\_20MHz\_Antenna 0



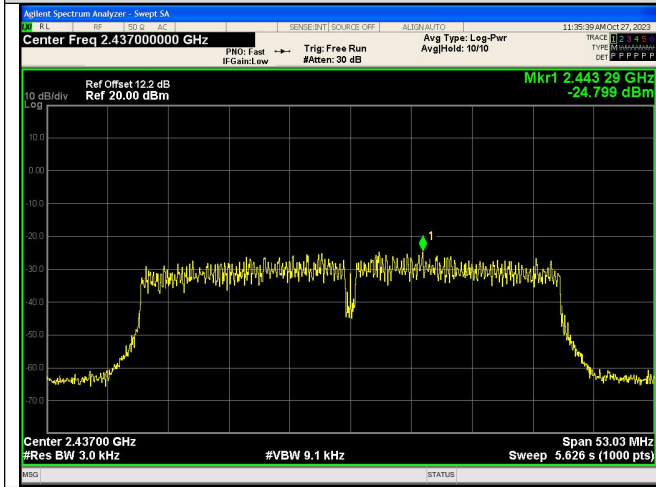
IEEE 802.11n\_Channel 6\_20MHz\_Antenna 0



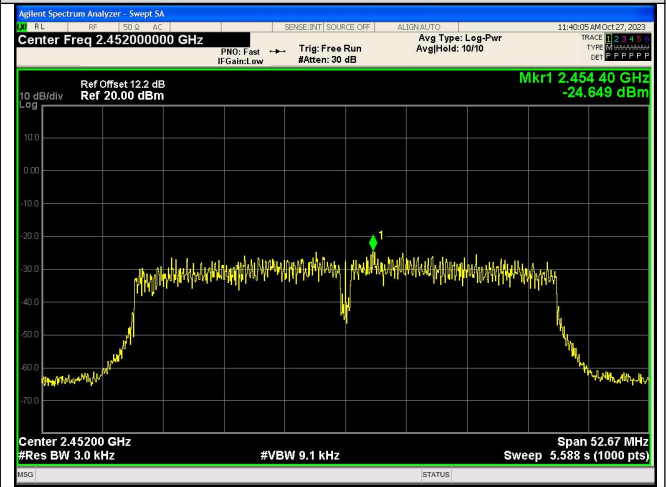
IEEE 802.11n\_Channel 11\_20MHz\_Antenna 0



IEEE 802.11n\_Channel 3\_40MHz\_Antenna 0



IEEE 802.11n\_Channel 6\_40MHz\_Antenna 0



IEEE 802.11n\_Channel 9\_40MHz\_Antenna 0

\*\*\*\*\* End of Report \*\*\*\*\*