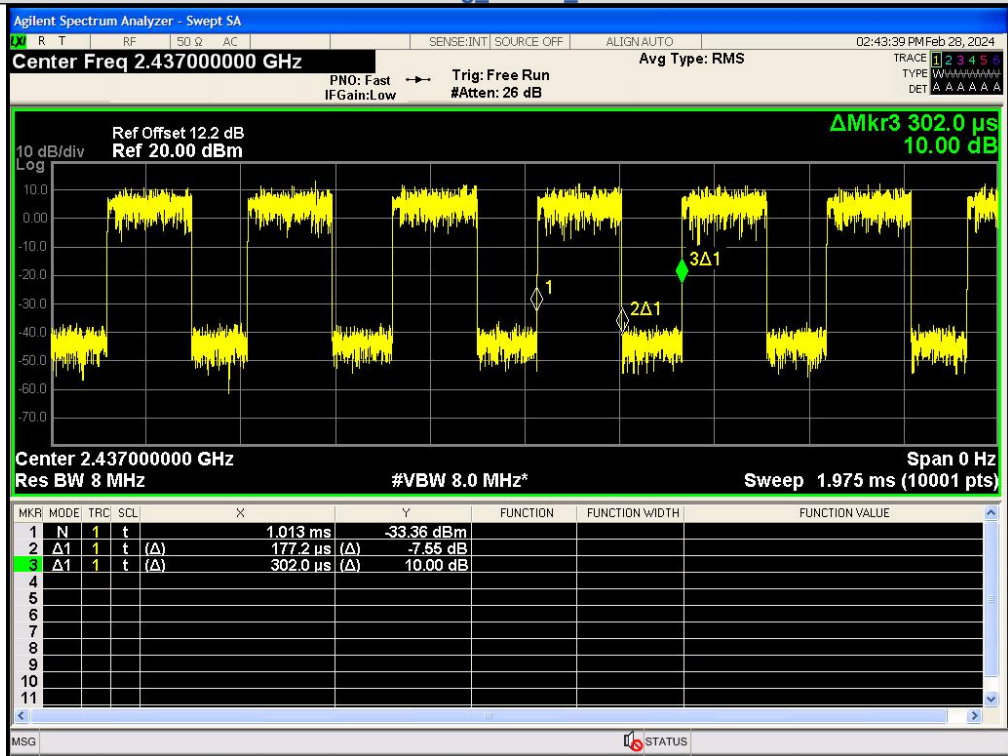
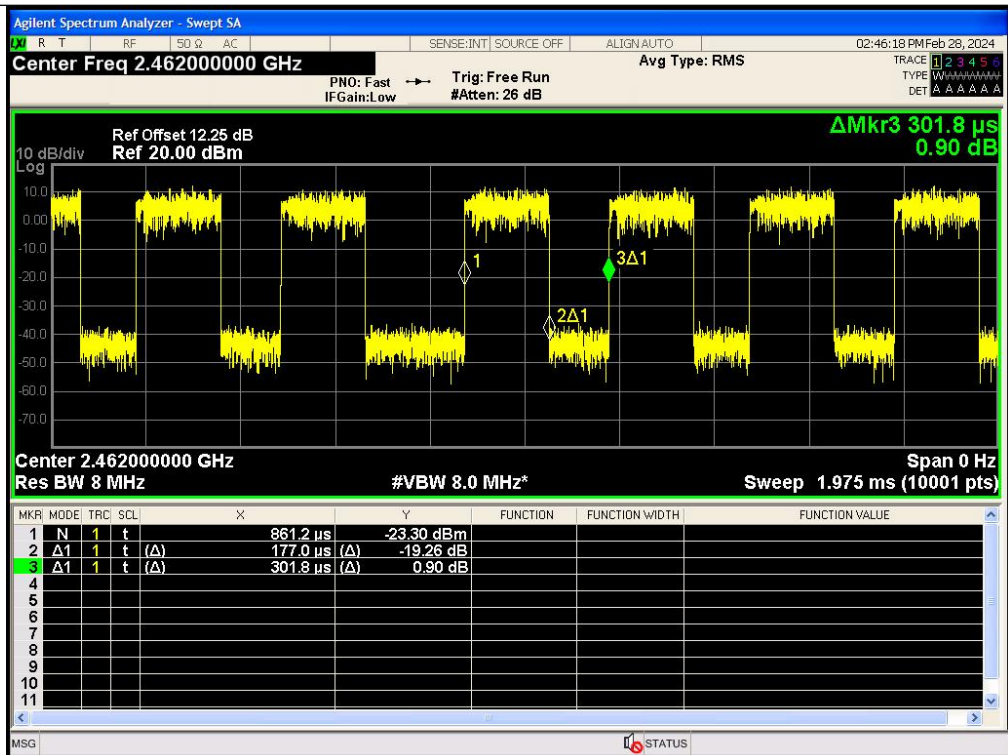


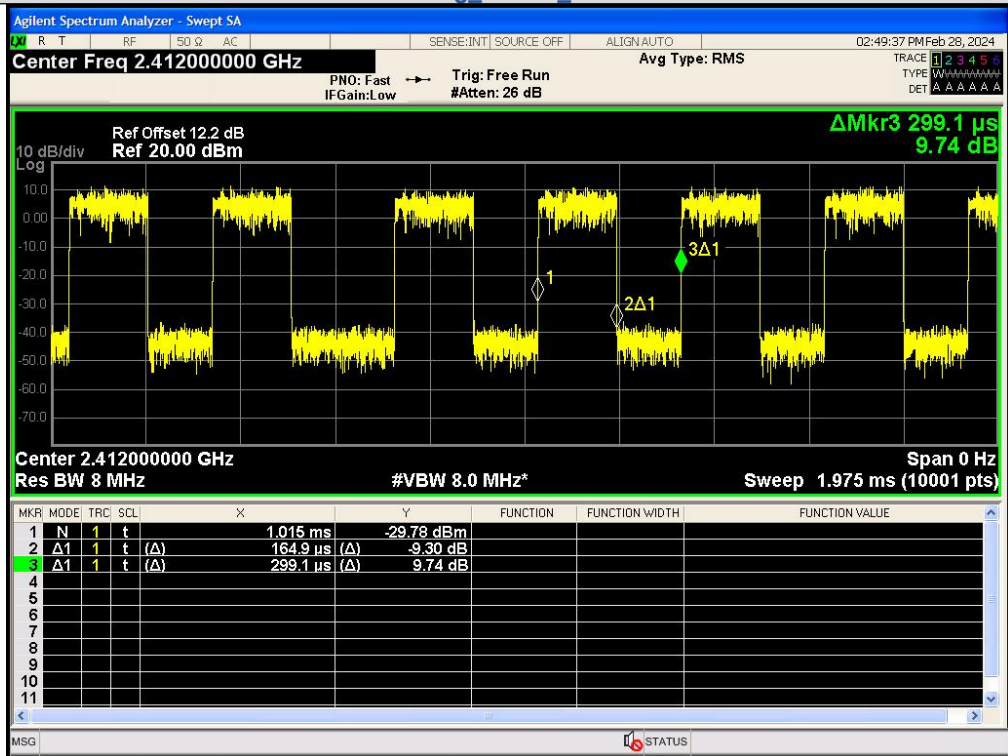
IEEE 802.11g\_20MHz\_Channel 1



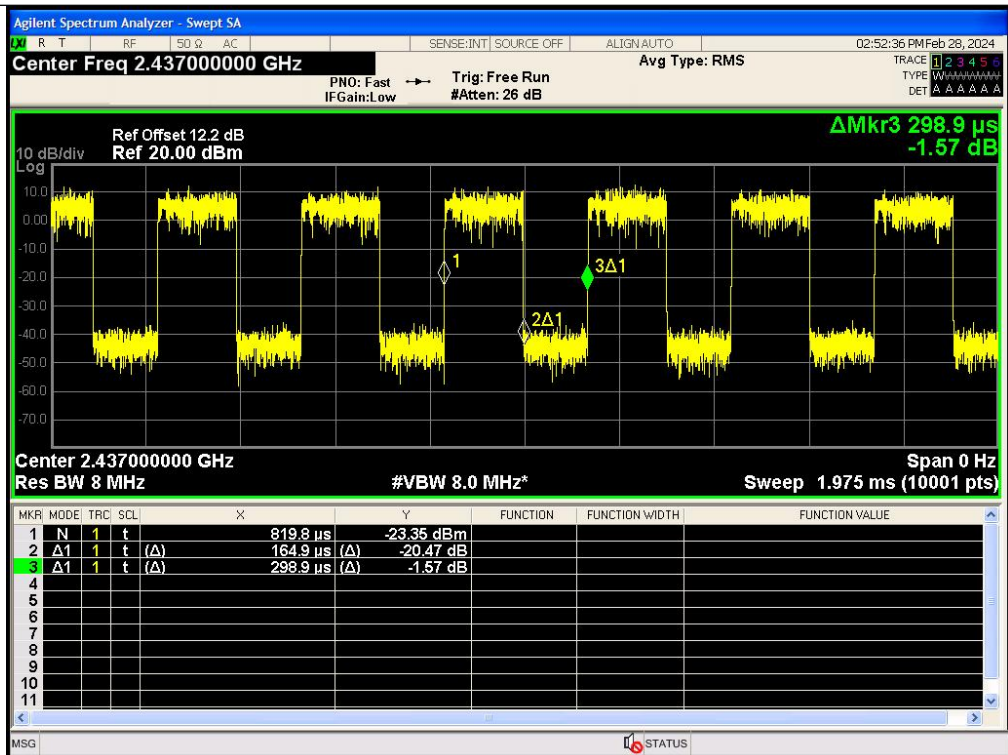
IEEE 802.11g\_20MHz\_Channel 6



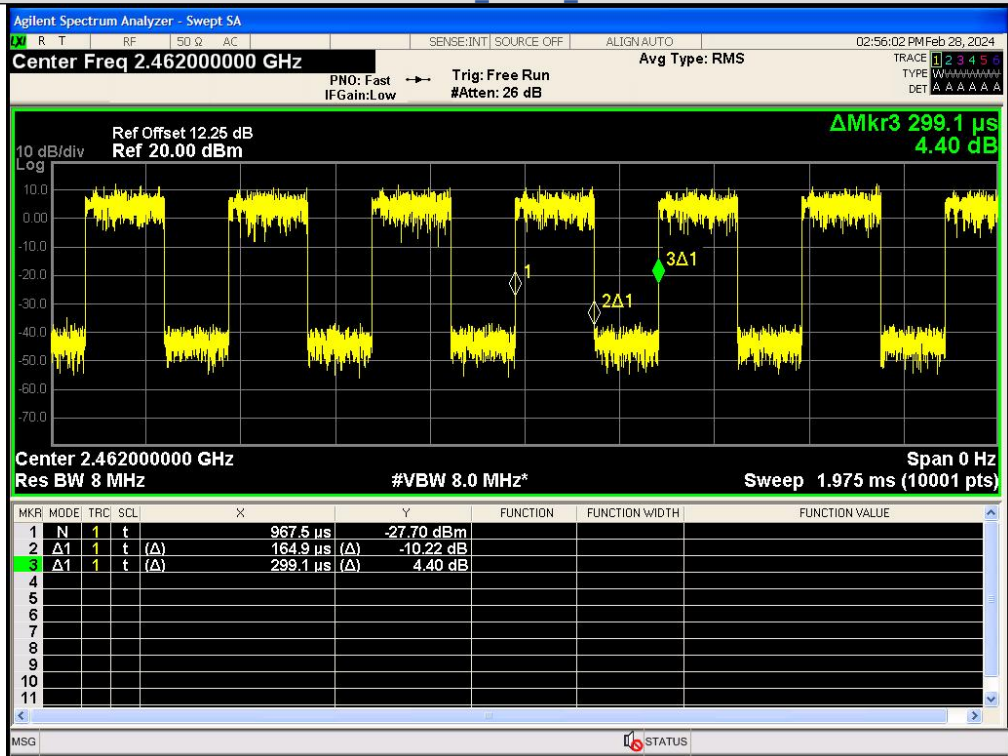
IEEE 802.11g\_20MHz\_Channel 11



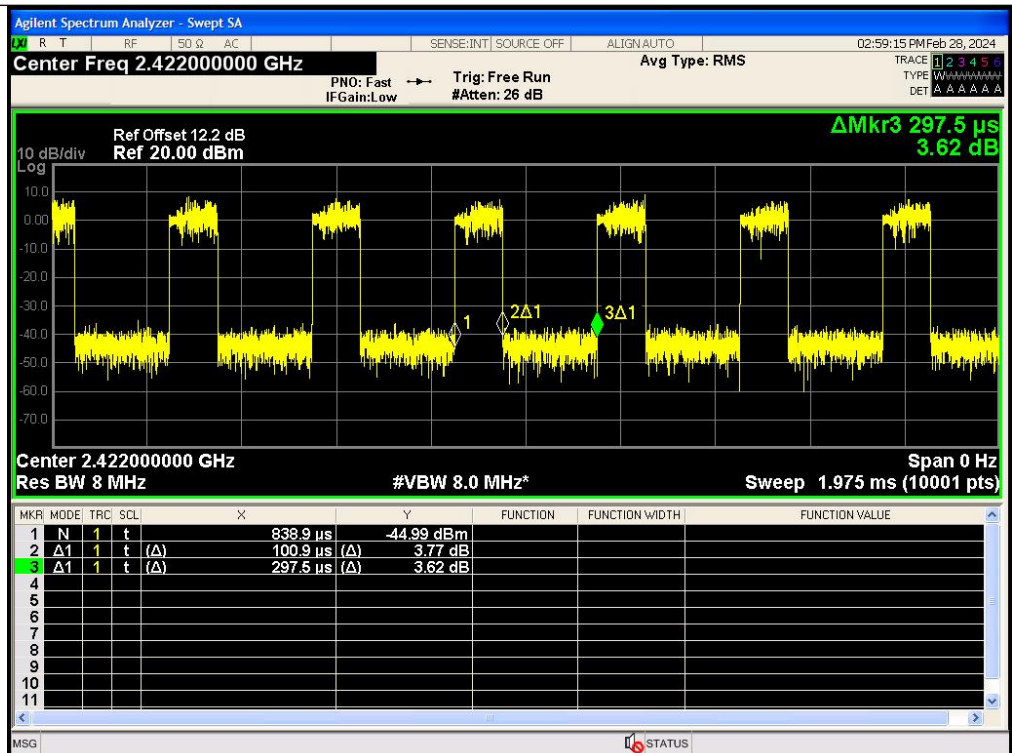
IEEE 802.11n\_20MHz\_Channel 1



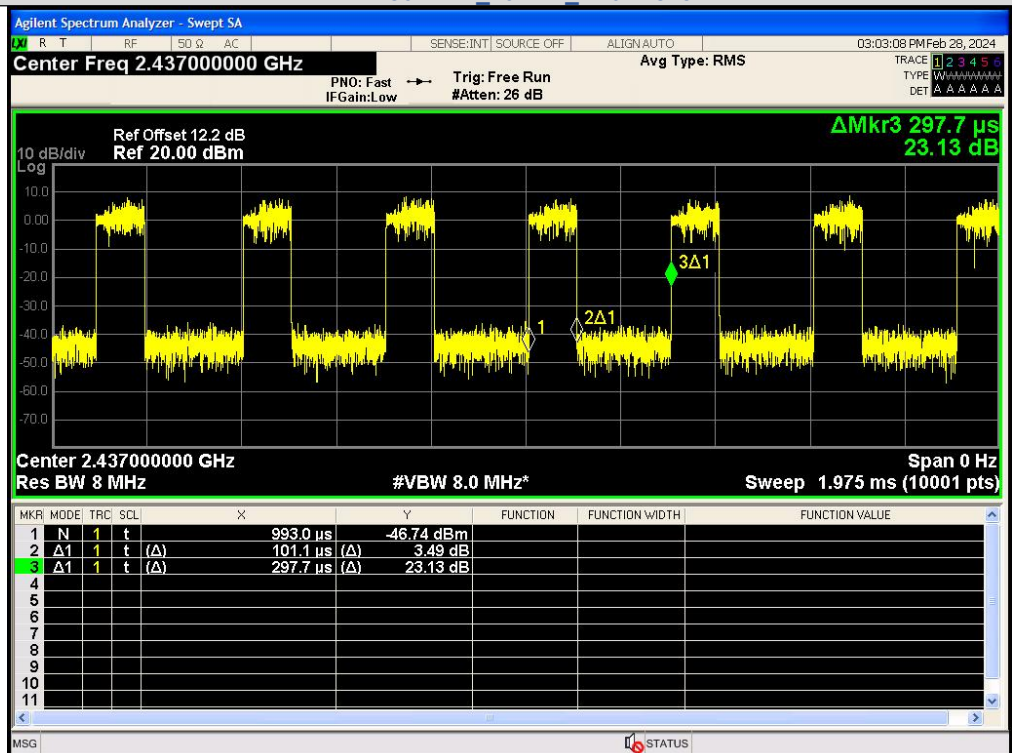
IEEE 802.11n\_20MHz\_Channel 6



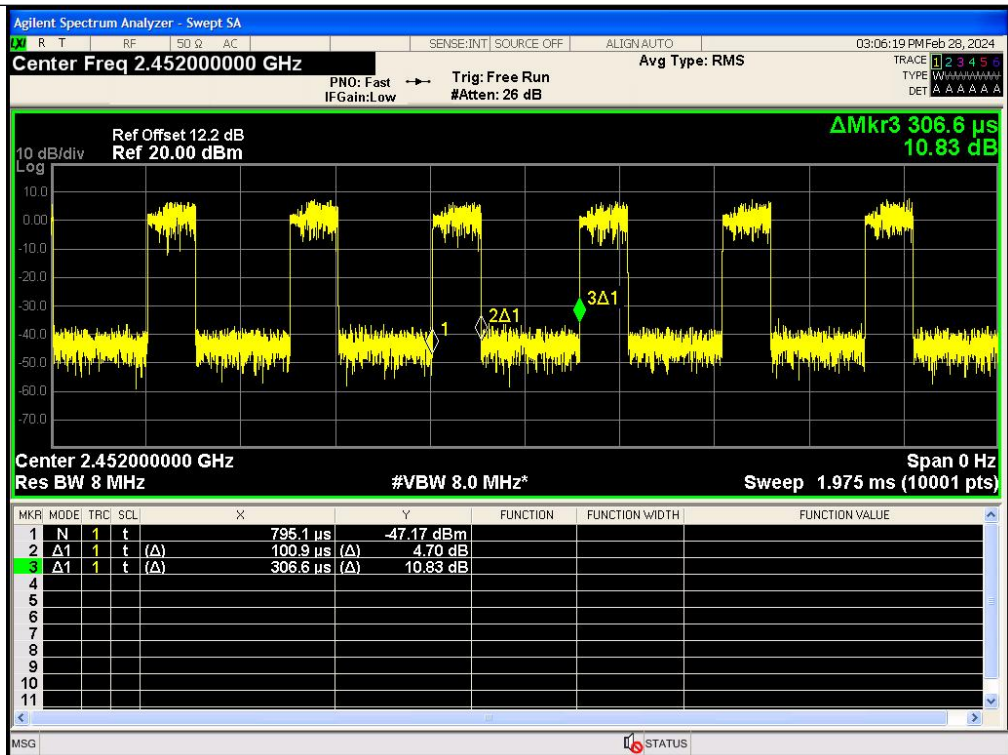
IEEE 802.11n\_20MHz\_Channel 11



IEEE 802.11n\_40MHz\_Channel 3



IEEE 802.11n\_40MHz\_Channel 6



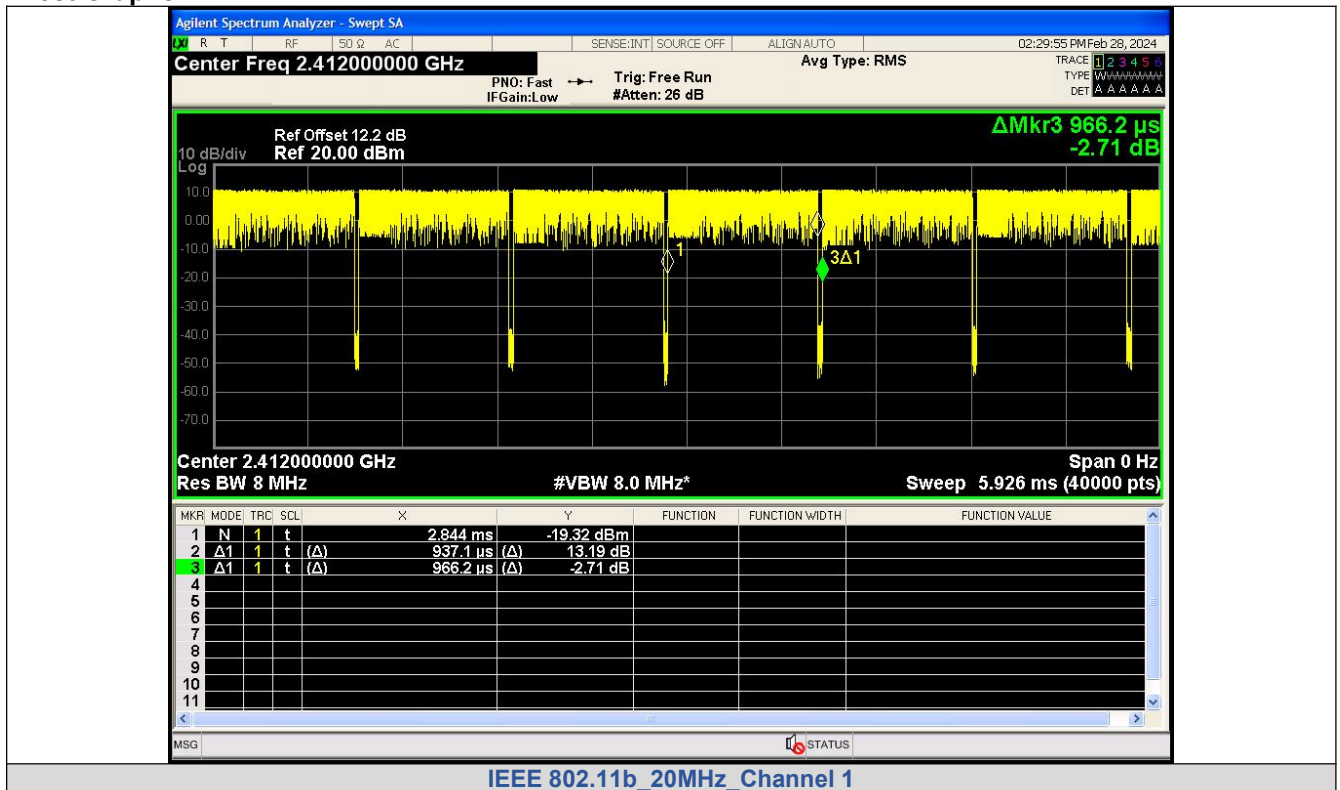
IEEE 802.11n\_40MHz\_Channel 9

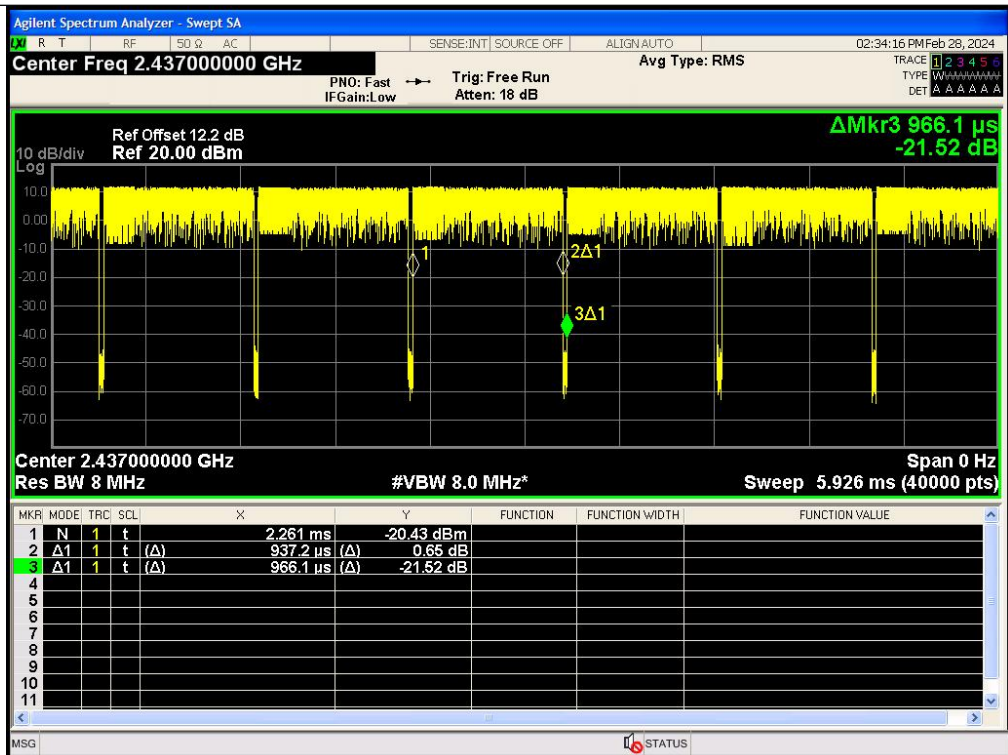
## APPENDIX VI. Power Spectral Density

### Test Result

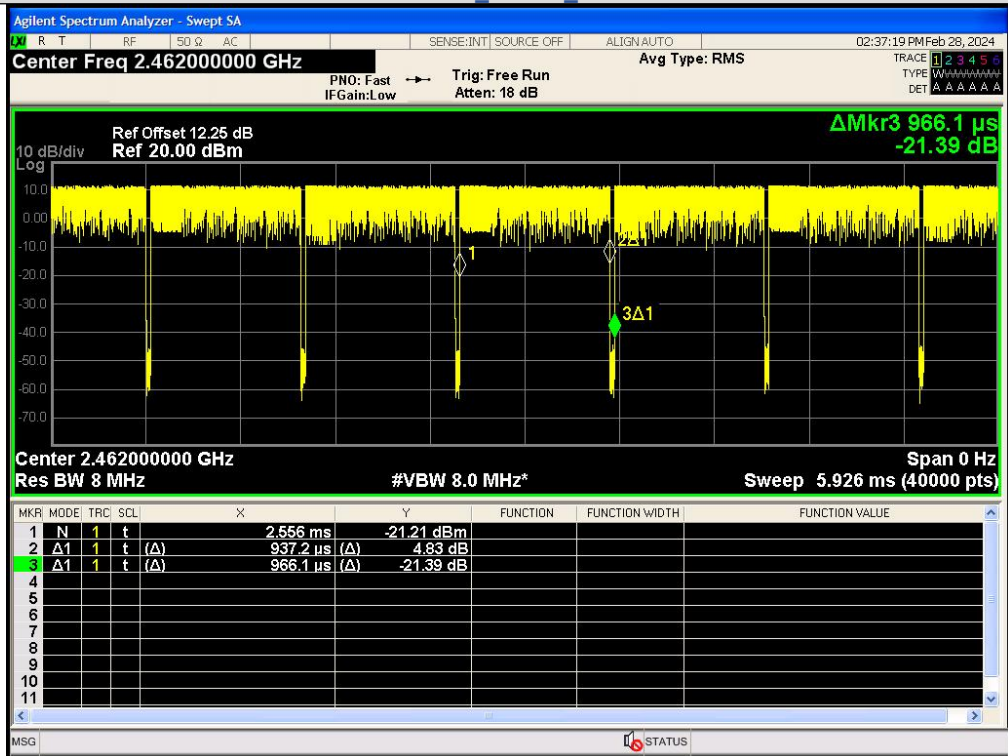
Mode	Data rates	Channel	Antenna	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)
IEEE 802.11b	11	1	1	0.937	0.966	96.98	0.9698	0.1332
		6		0.937	0.966	97.01	0.9701	0.1318
		11		0.937	0.966	97.01	0.9701	0.1318
IEEE 802.11g	54	1		0.177	0.302	58.64	0.5864	2.3181
		6		0.177	0.302	58.67	0.5867	2.3158
		11		0.177	0.302	58.64	0.5864	2.3181
IEEE 802.11n_20	MCS 7	1		0.165	0.299	55.15	0.5515	2.5845
		6		0.165	0.299	55.19	0.5519	2.5814
		11		0.165	0.299	55.15	0.5515	2.5845
IEEE 802.11n_40	MCS 7	3		0.101	0.297	33.93	0.3393	4.6942
		6		0.101	0.298	33.97	0.3397	4.689
		9	0.101	0.307	32.93	0.3293	4.8241	

### Test Graphs

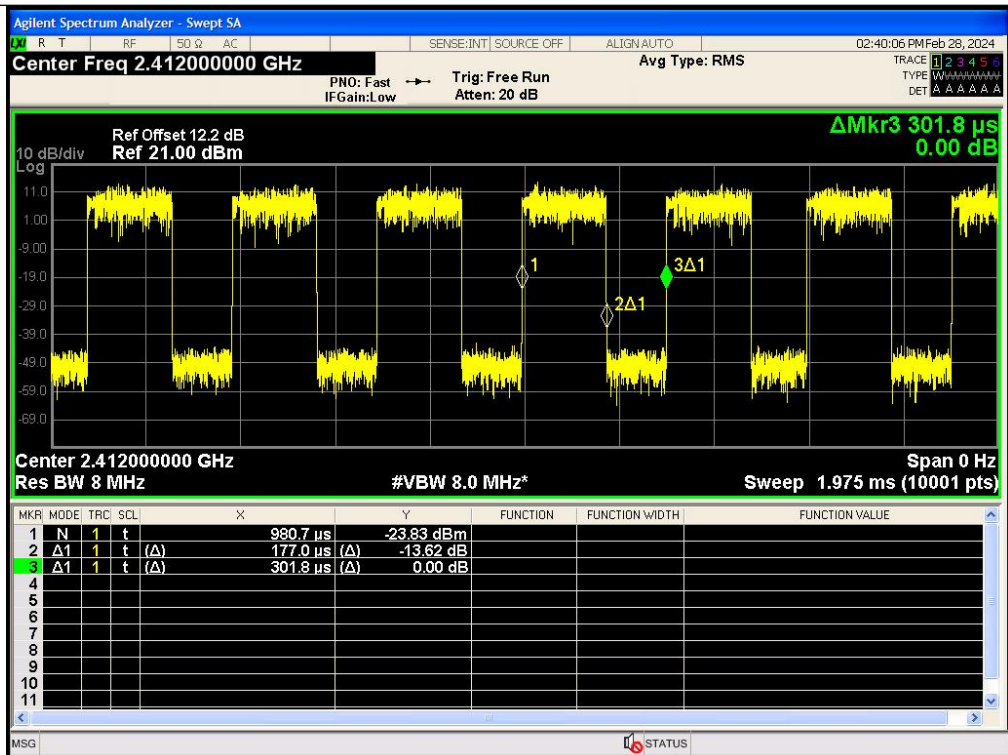




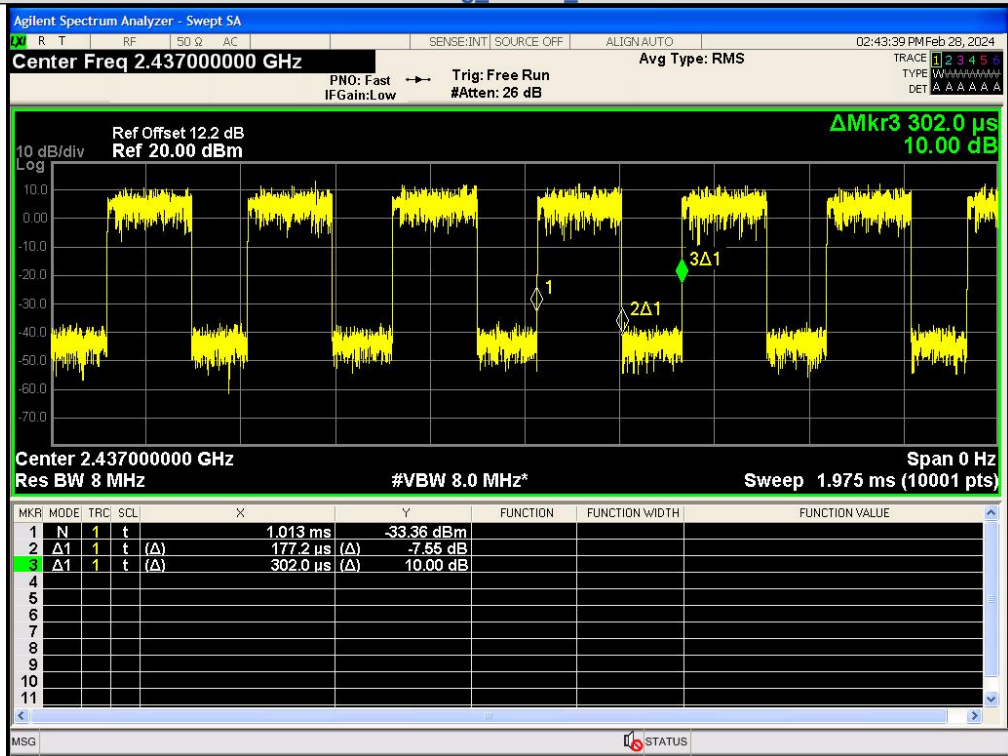
IEEE 802.11b\_20MHz\_Channel 6



IEEE 802.11b\_20MHz\_Channel 11

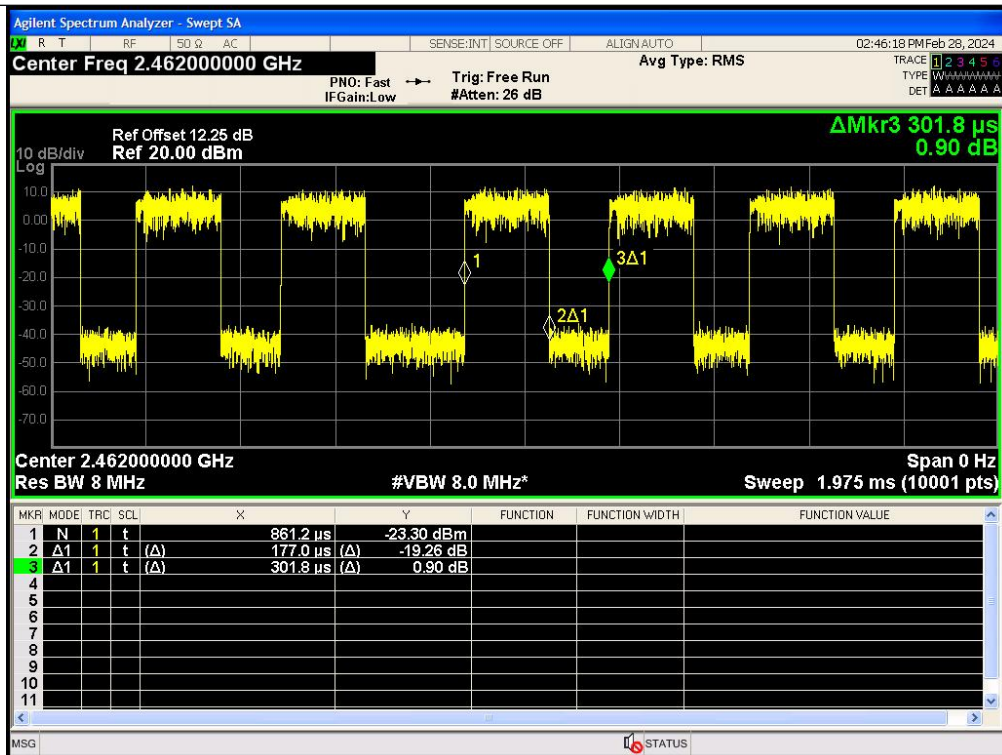


IEEE 802.11g\_20MHz\_Channel 1

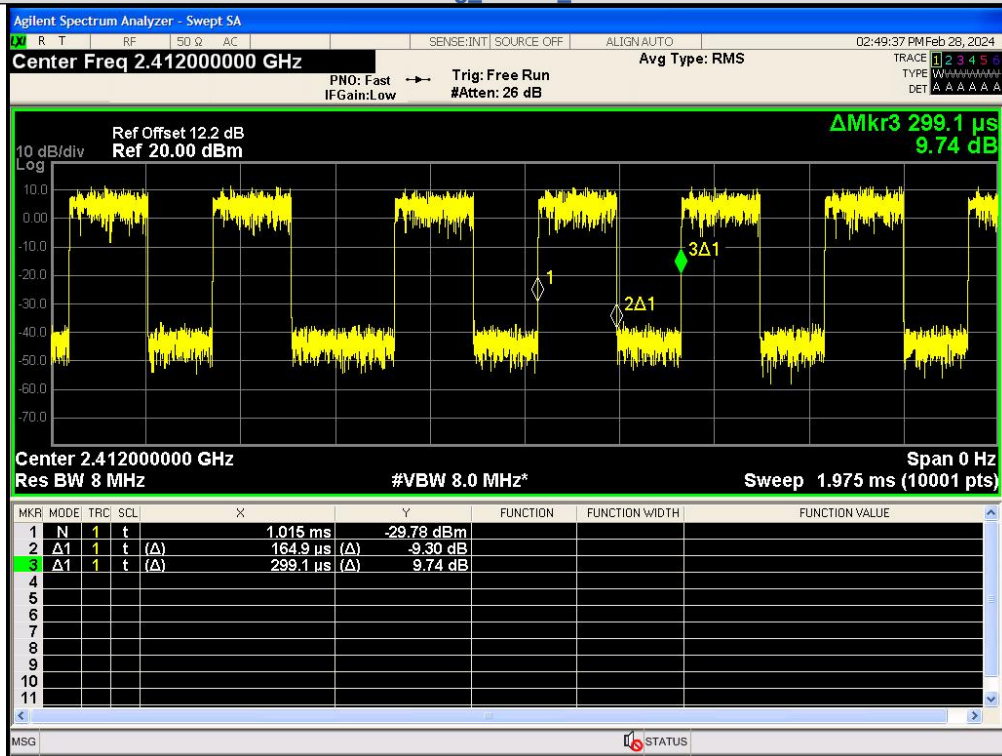


IEEE 802.11g\_20MHz\_Channel 6

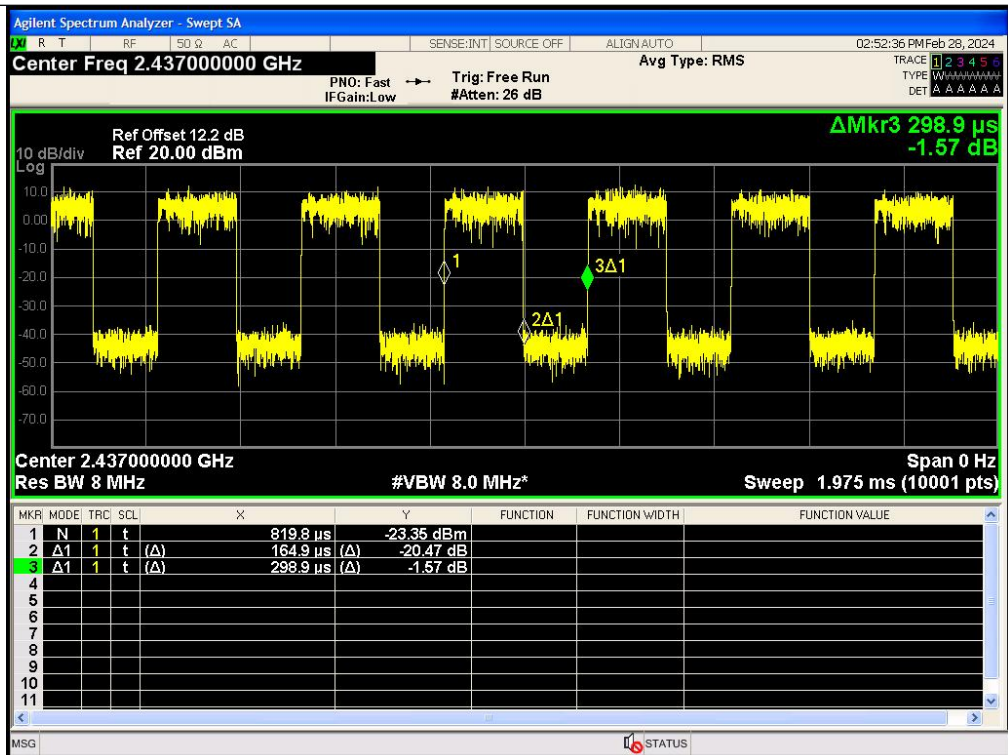




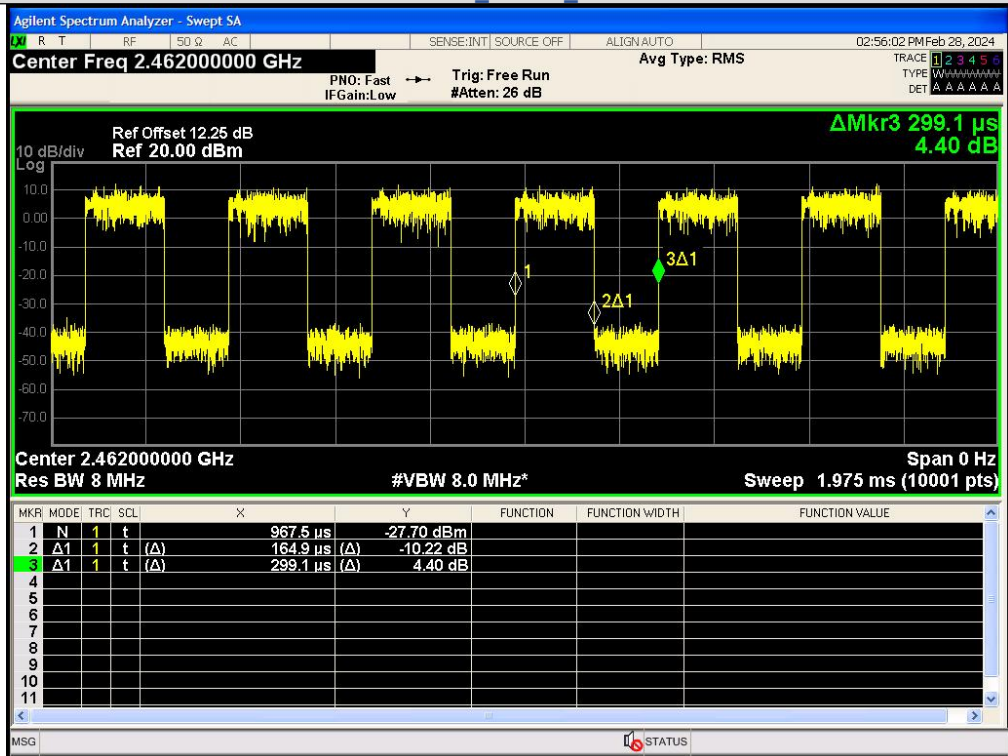
IEEE 802.11g\_20MHz\_Channel 11



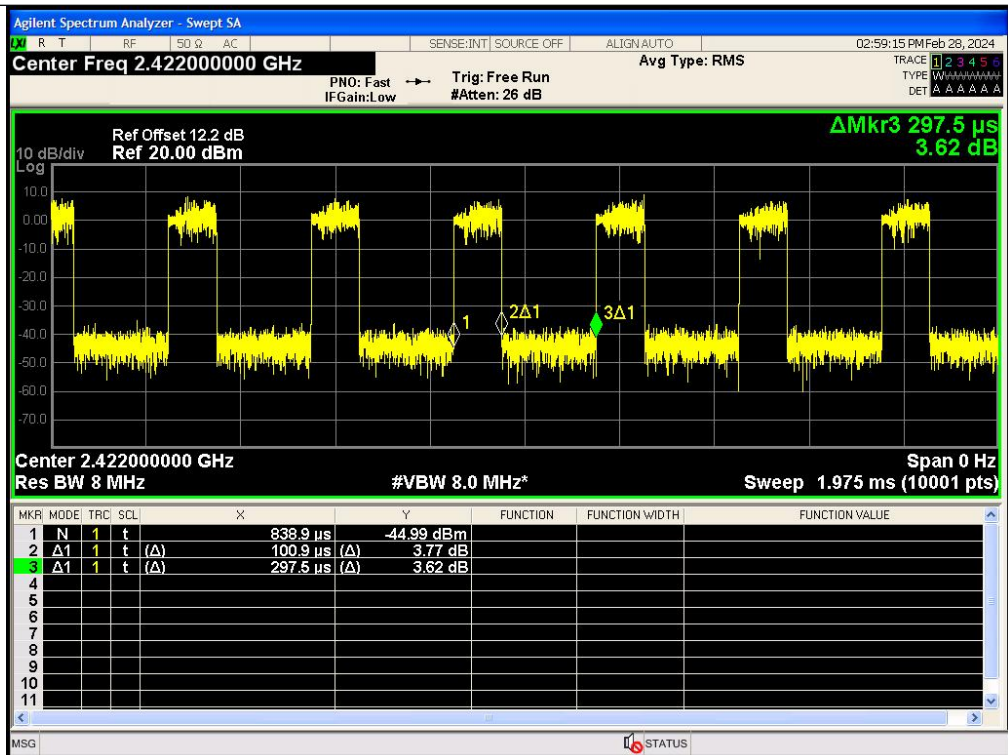
IEEE 802.11n\_20MHz\_Channel 1



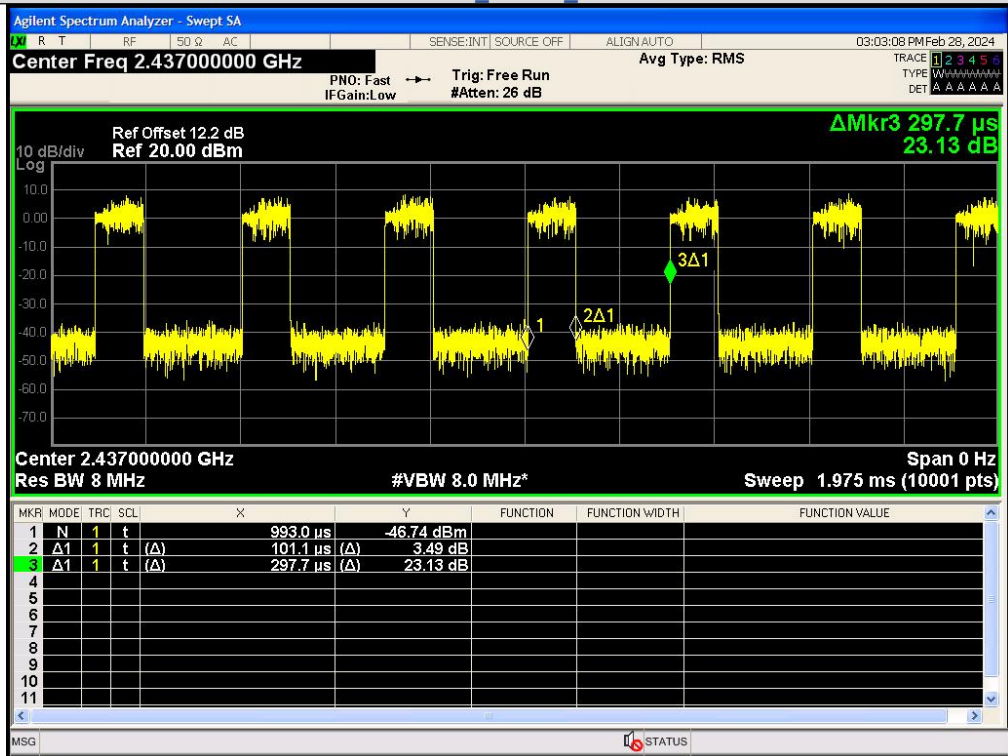
IEEE 802.11n\_20MHz\_Channel 6



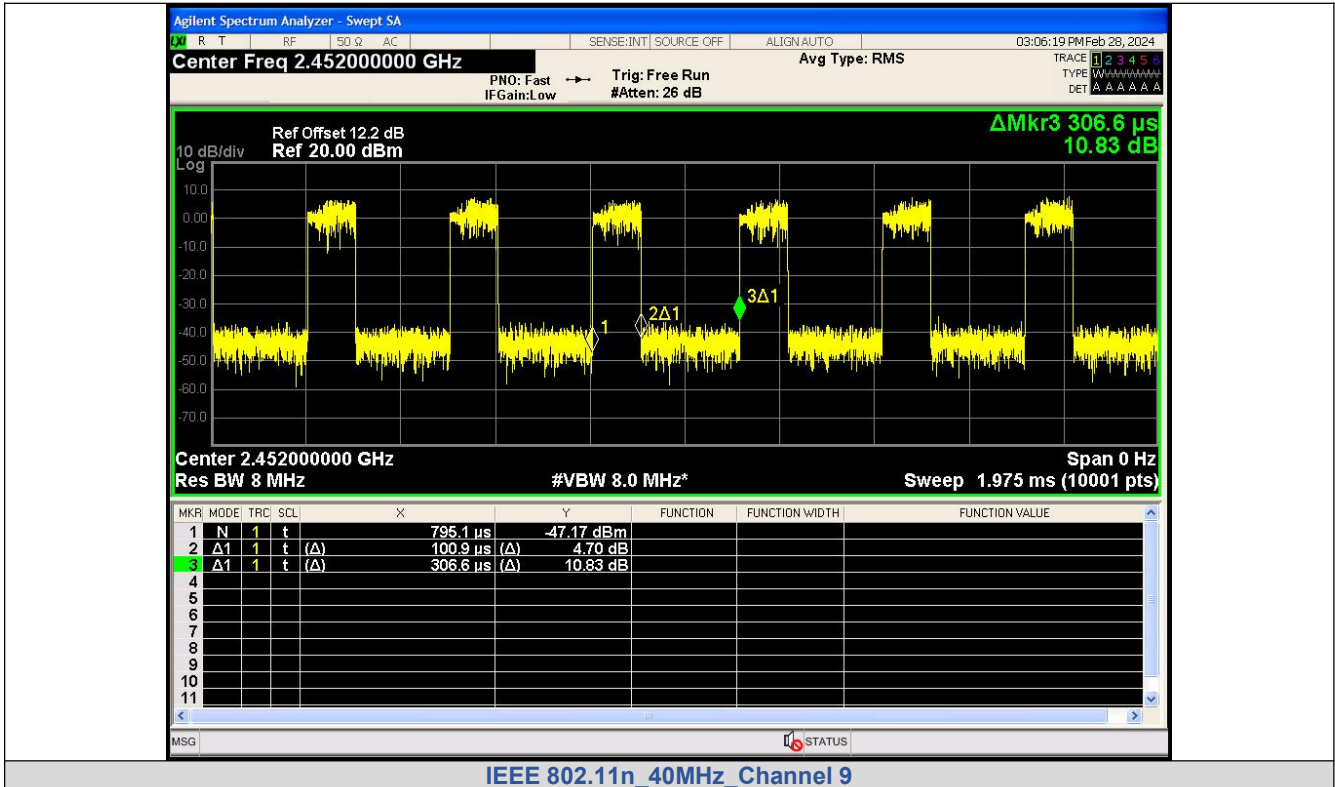
IEEE 802.11n\_20MHz\_Channel 11



IEEE 802.11n\_40MHz\_Channel 3



IEEE 802.11n\_40MHz\_Channel 6



IEEE 802.11n\_40MHz\_Channel 9

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