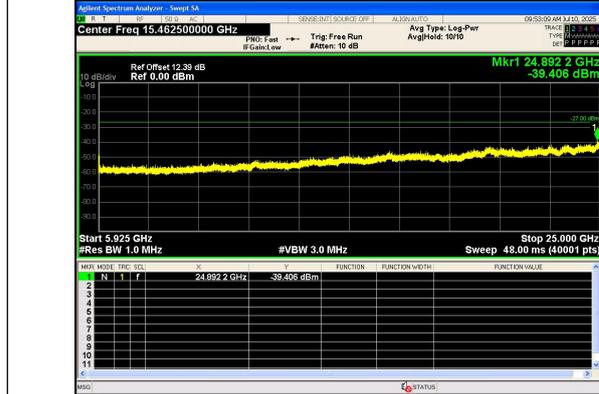
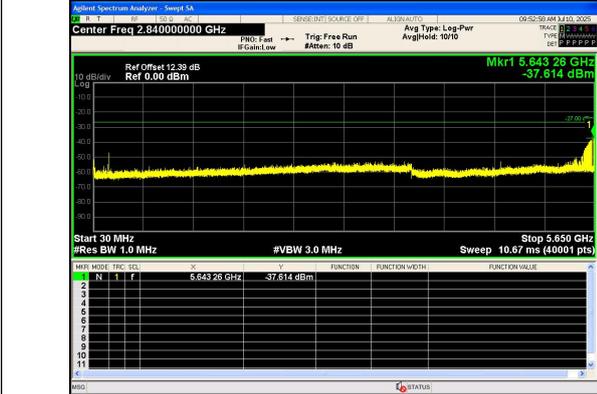


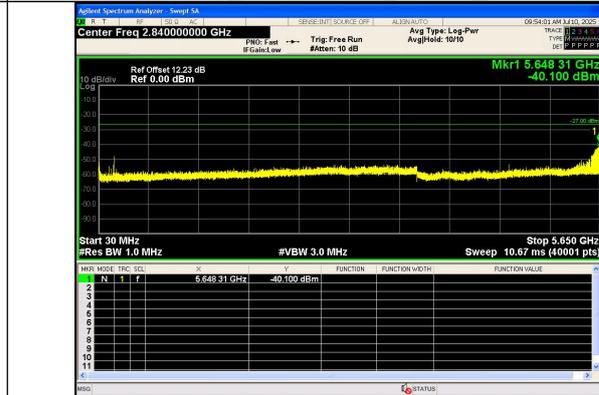
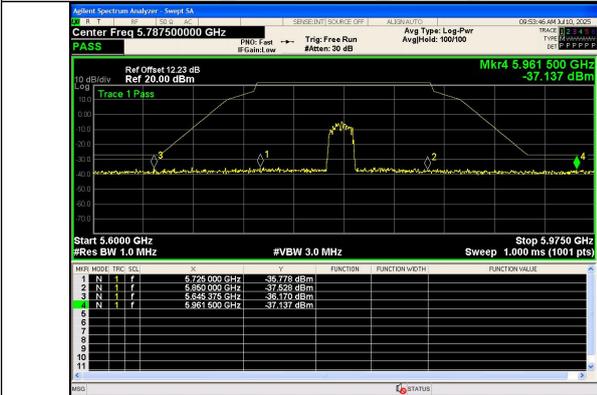
Spurious Emission:5925~25000.0 MHz  
 IEEE 802.11a Channel 165 20MHz Antenna 0

Out Of Band Emission  
 IEEE 802.11n Channel 149 20MHz Antenna 0



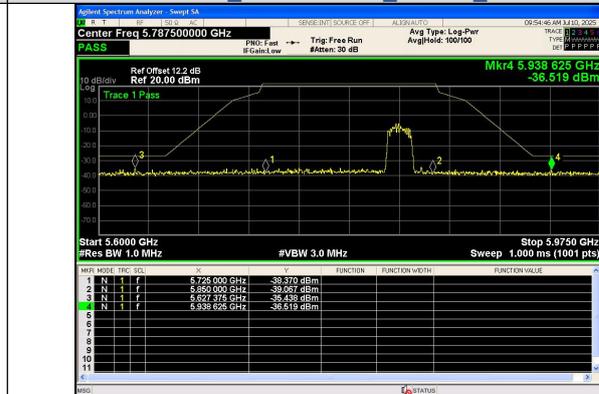
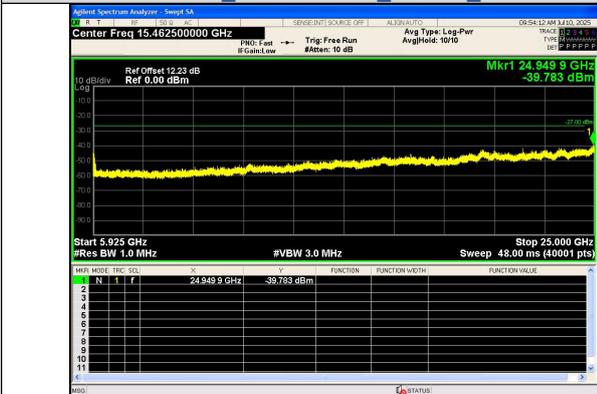
Spurious Emission:30.0~5650 MHz  
 IEEE 802.11n Channel 149 20MHz Antenna 0

Spurious Emission:5925~25000.0 MHz  
 IEEE 802.11n Channel 149 20MHz Antenna 0



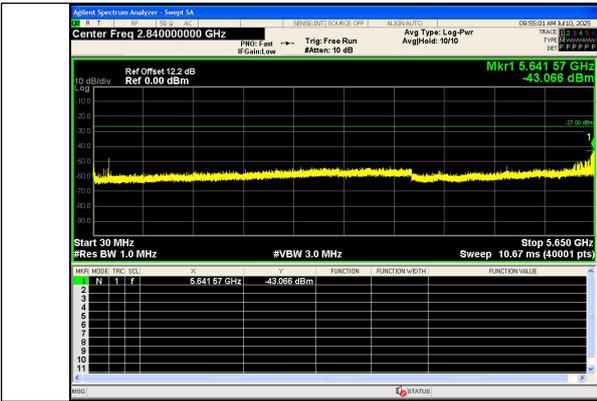
Out Of Band Emission  
 IEEE 802.11n Channel 157 20MHz Antenna 0

Spurious Emission:30.0~5650 MHz  
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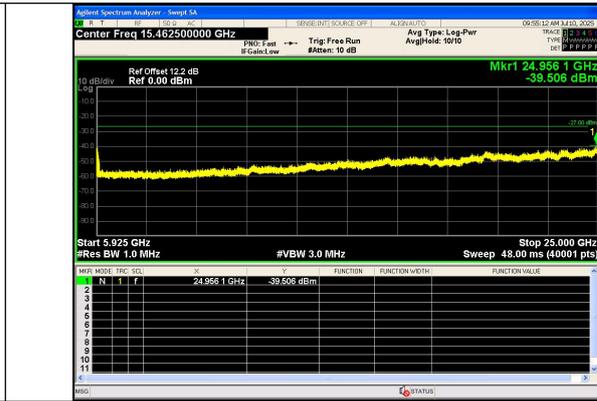


Spurious Emission:5925~25000.0 MHz  
 IEEE 802.11n Channel 157 20MHz Antenna 0

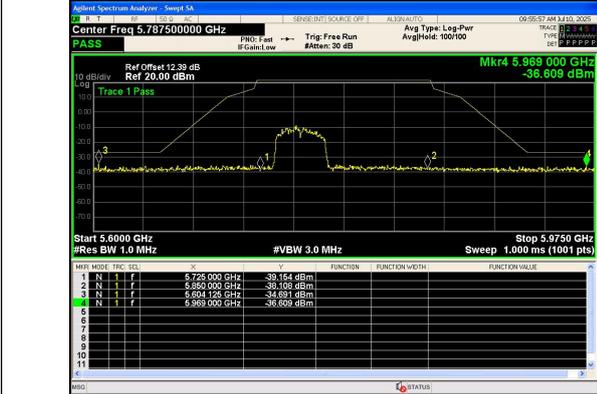
Out Of Band Emission  
 IEEE 802.11n Channel 165 20MHz Antenna 0



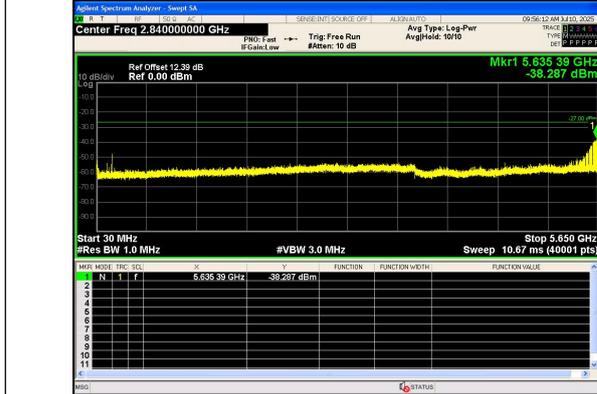
Spurious Emission:30.0~5650 MHz  
IEEE 802.11n Channel 165 20MHz Antenna 0



Spurious Emission:5925~25000.0 MHz  
IEEE 802.11n Channel 165 20MHz Antenna 0



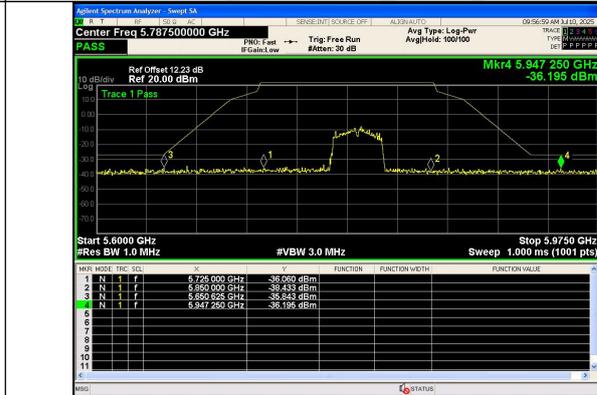
Out Of Band Emission  
IEEE 802.11n Channel 151 40MHz Antenna 0



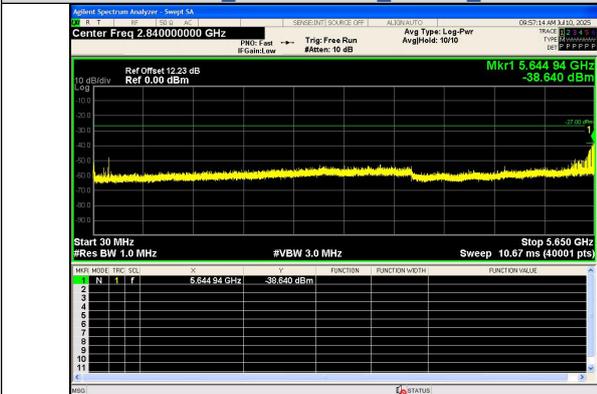
Spurious Emission:30.0~5650 MHz  
IEEE 802.11n Channel 151 40MHz Antenna 0



Spurious Emission:5925~25000.0 MHz  
IEEE 802.11n Channel 151 40MHz Antenna 0



Out Of Band Emission  
IEEE 802.11n Channel 159 40MHz Antenna 0



Spurious Emission:30.0~5650 MHz  
IEEE 802.11n Channel 159 40MHz Antenna 0



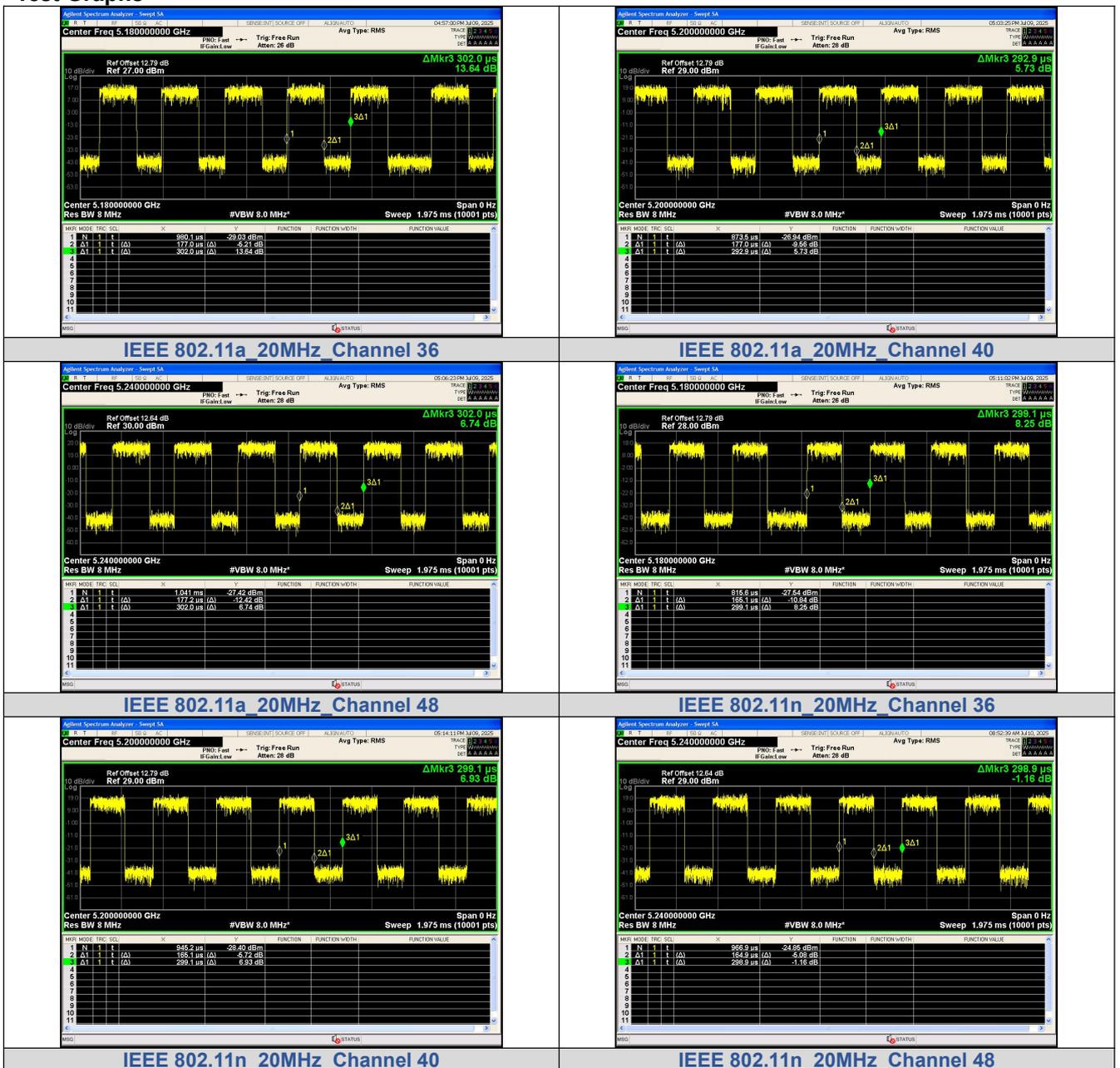
Spurious Emission:5925~25000.0 MHz  
IEEE 802.11n Channel 159 40MHz Antenna 0

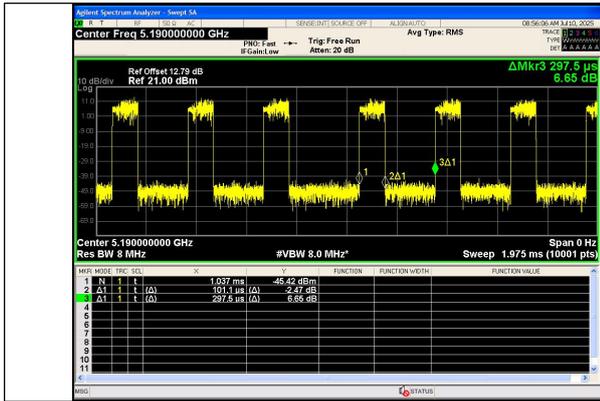
# APPENDIX VII. Duty Cycle

## U-NII 1 Test Result

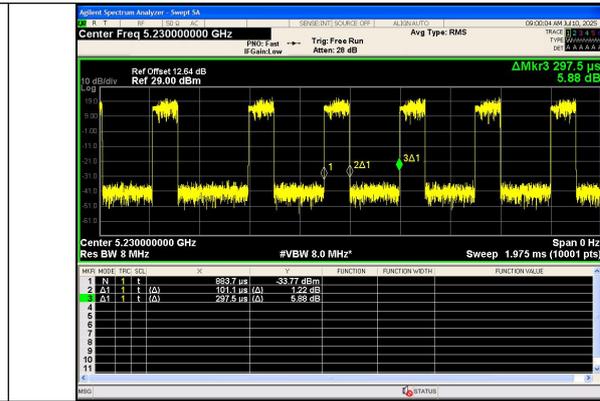
Mode	Data rates	Channel	Antenna	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)	1/T
IEEE 802.11a	54	36	1	0.177	0.302	58.60	0.5860	2.321	5.6497
		40		0.177	0.293	60.42	0.6042	2.1882	5.6497
		48		0.177	0.302	58.67	0.5867	2.3158	5.6497
IEEE 802.11n_20	MCS 7	36		0.165	0.299	55.22	0.5522	2.579	6.0606
		40		0.165	0.299	55.22	0.5522	2.579	6.0606
		48		0.165	0.299	55.19	0.5519	2.5814	6.0606
IEEE 802.11n_40		38		0.101	0.297	34.00	0.3400	4.6852	9.9010
		46		0.101	0.297	34.00	0.3400	4.6852	9.9010

### Test Graphs





IEEE 802.11n\_40MHz\_Channel 38

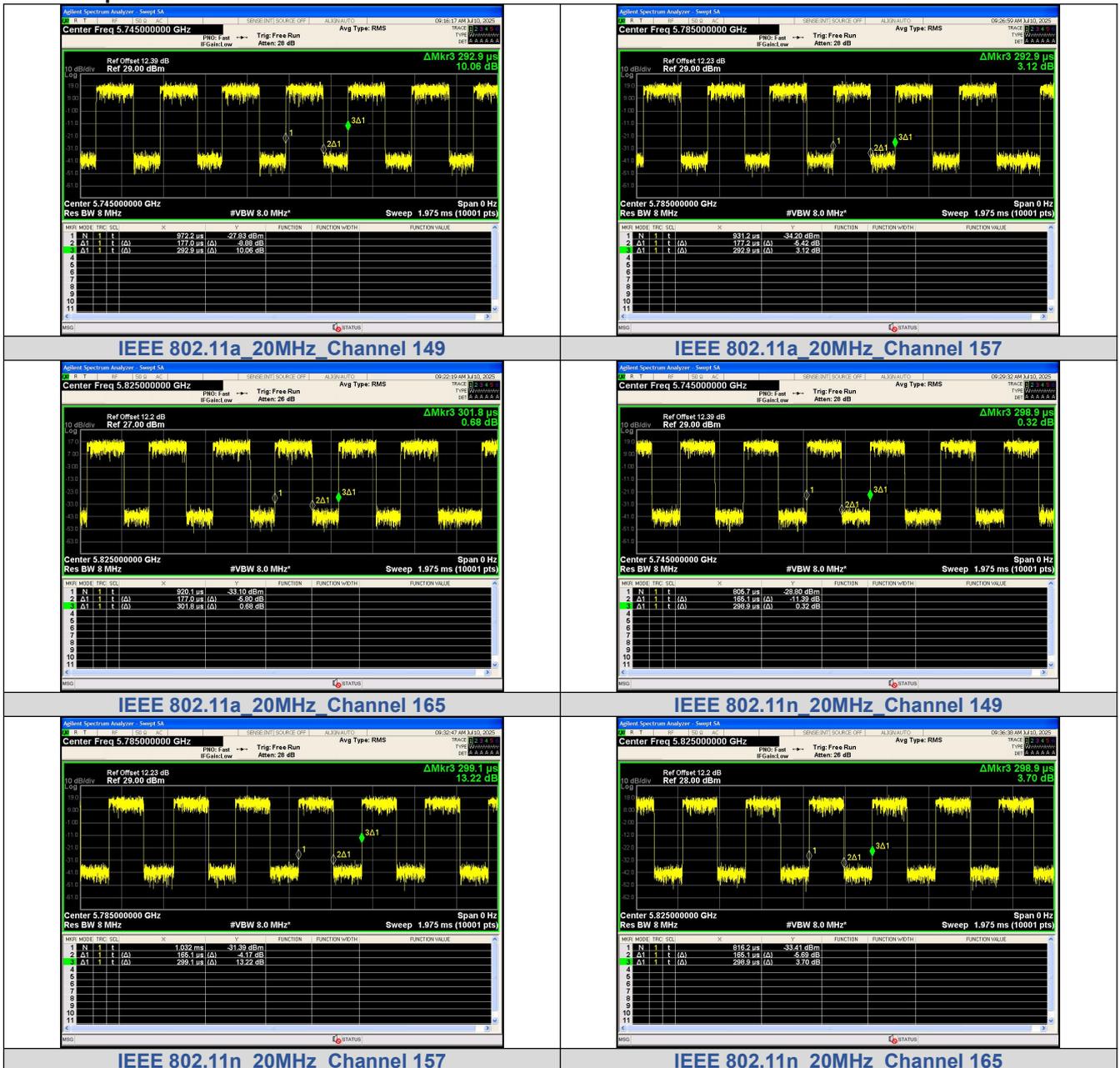


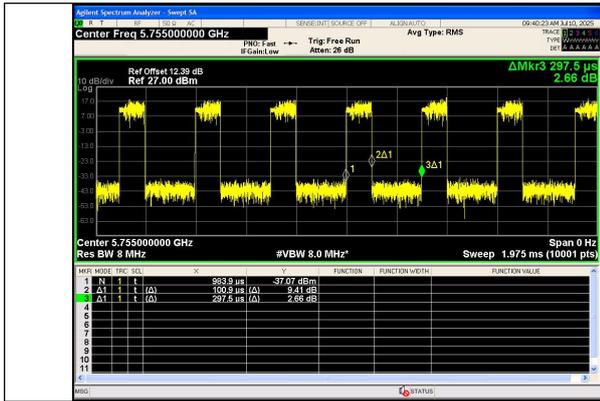
IEEE 802.11n\_40MHz\_Channel 46

U-NII 3  
Test Result

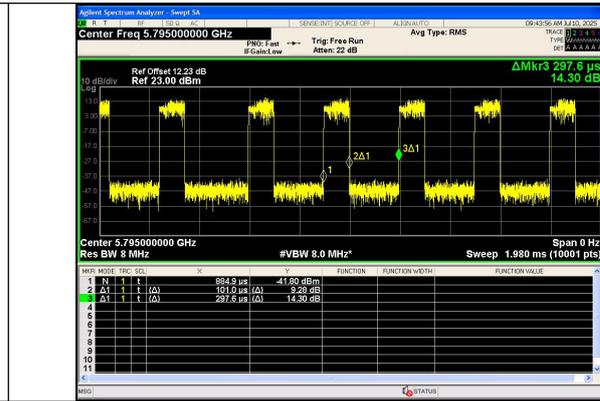
Mode	Data rates	Channel	Antenna	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle (dB)	1/T
IEEE 802.11a	54	149	1	0.177	0.293	60.42	0.6042	2.1882	5.6497
		157		0.177	0.293	60.49	0.6049	2.1832	5.6497
		165		0.177	0.302	58.64	0.5864	2.3181	5.6497
IEEE 802.11n_20	MCS 7	149		0.165	0.299	55.25	0.5525	2.5767	6.0606
		157		0.165	0.299	55.22	0.5522	2.579	6.0606
		165		0.165	0.299	55.25	0.5525	2.5767	6.0606
IEEE 802.11n_40		151		0.101	0.297	33.93	0.3393	4.6942	9.9010
		159		0.101	0.298	33.93	0.3393	4.6942	9.9010

Test Graphs





IEEE 802.11n\_40MHz\_Channel 151



IEEE 802.11n\_40MHz\_Channel 159