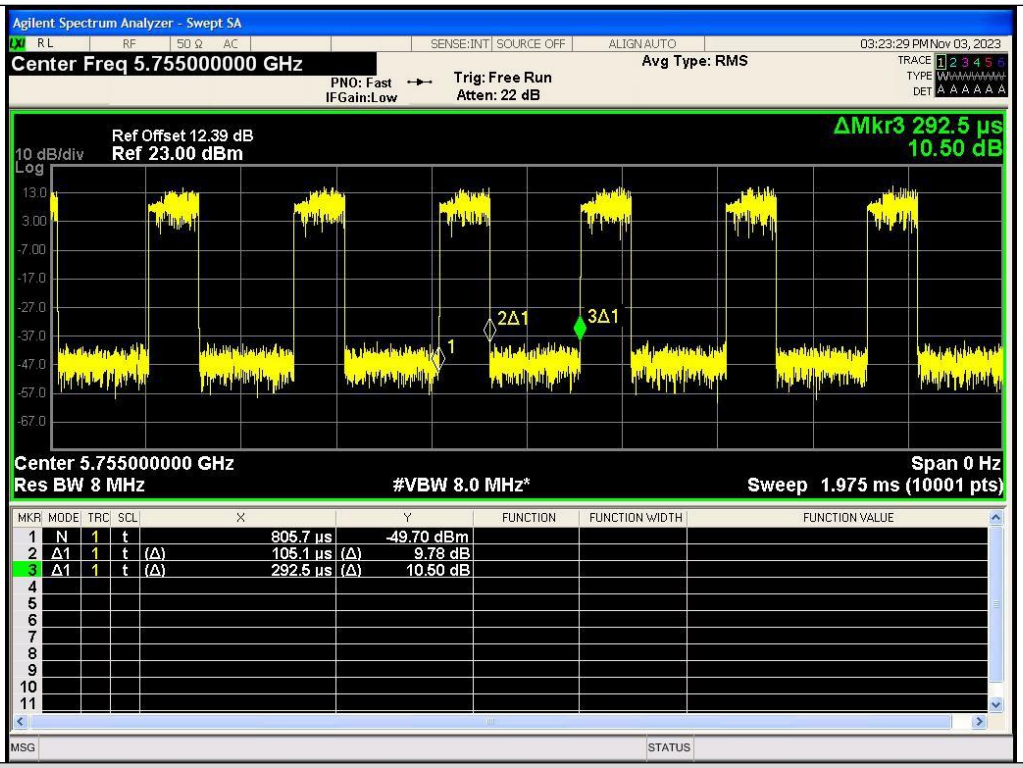
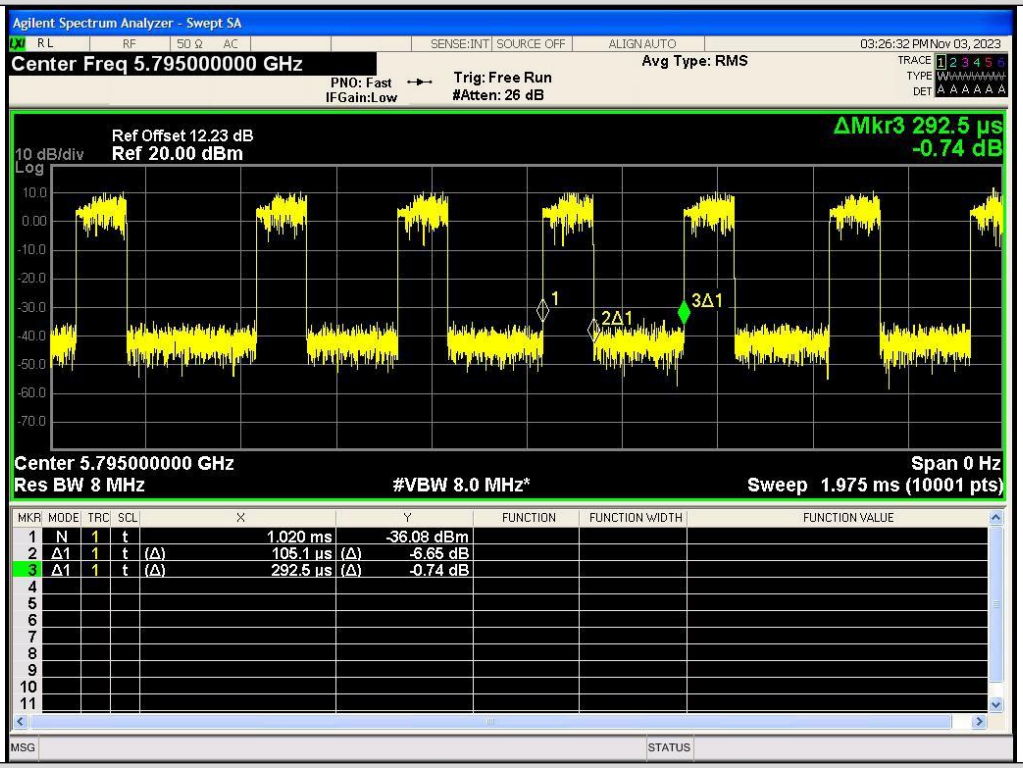
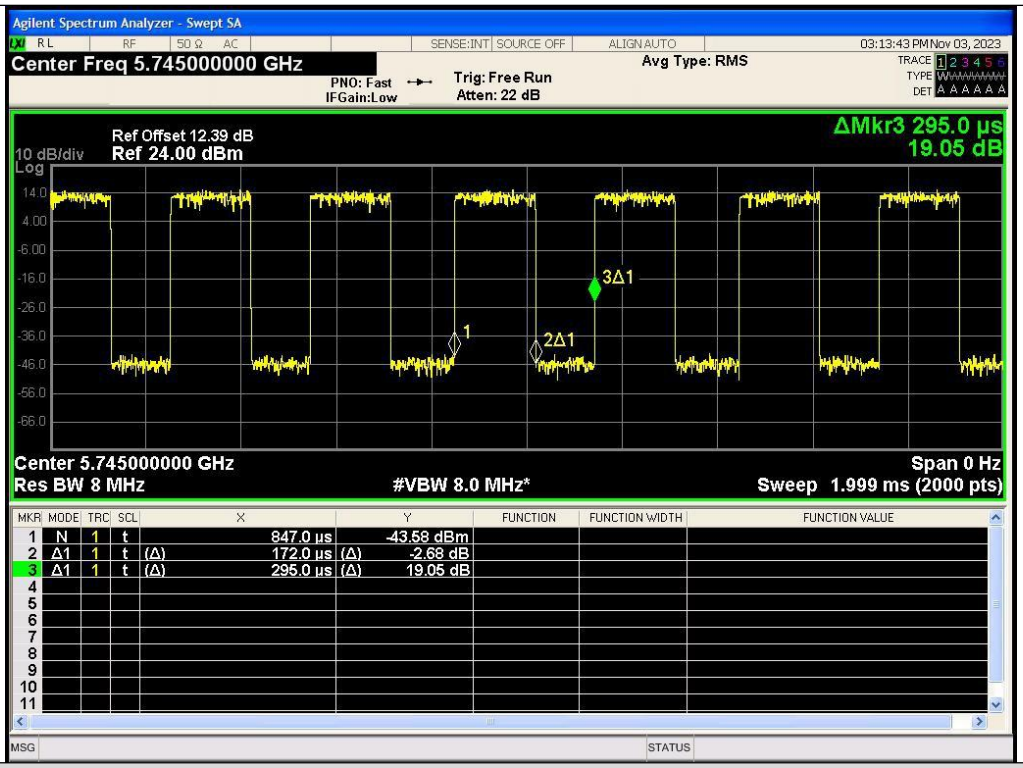


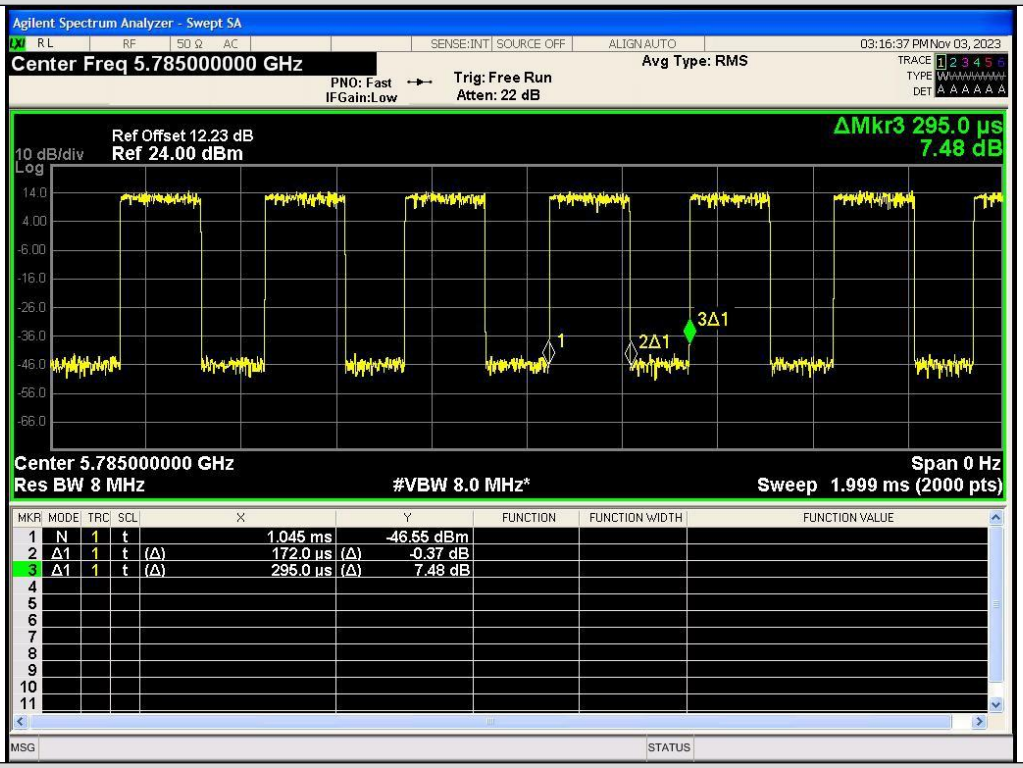
IEEE 802.11n_40MHz_Channel 151



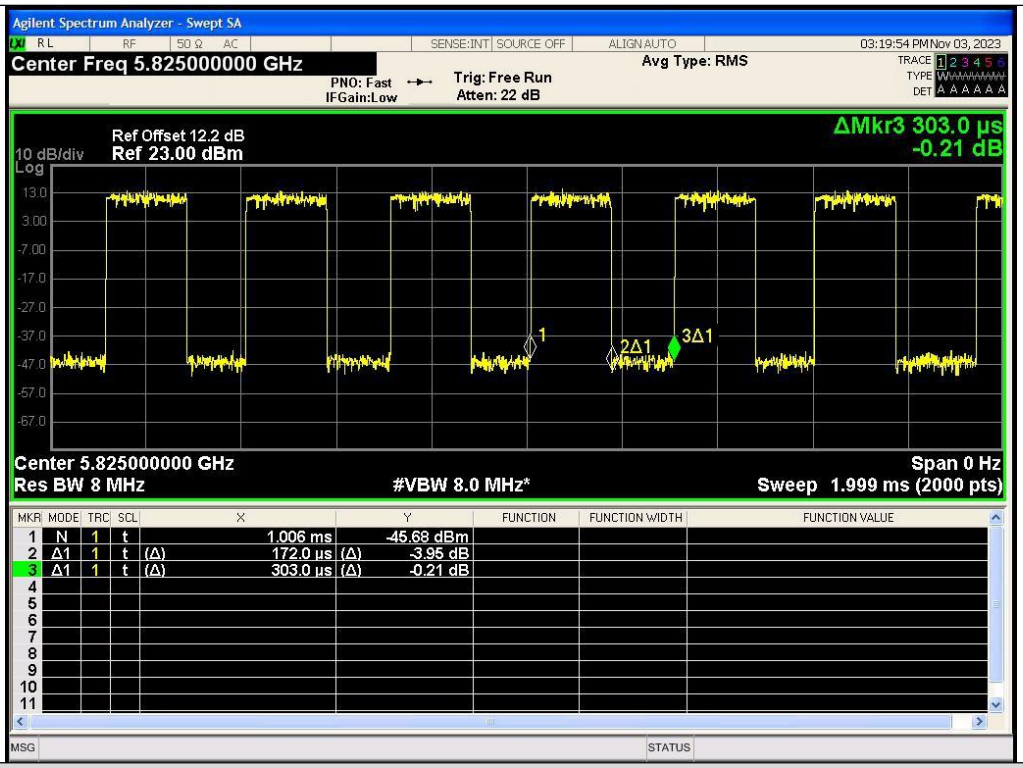
IEEE 802.11n_40MHz_Channel 159



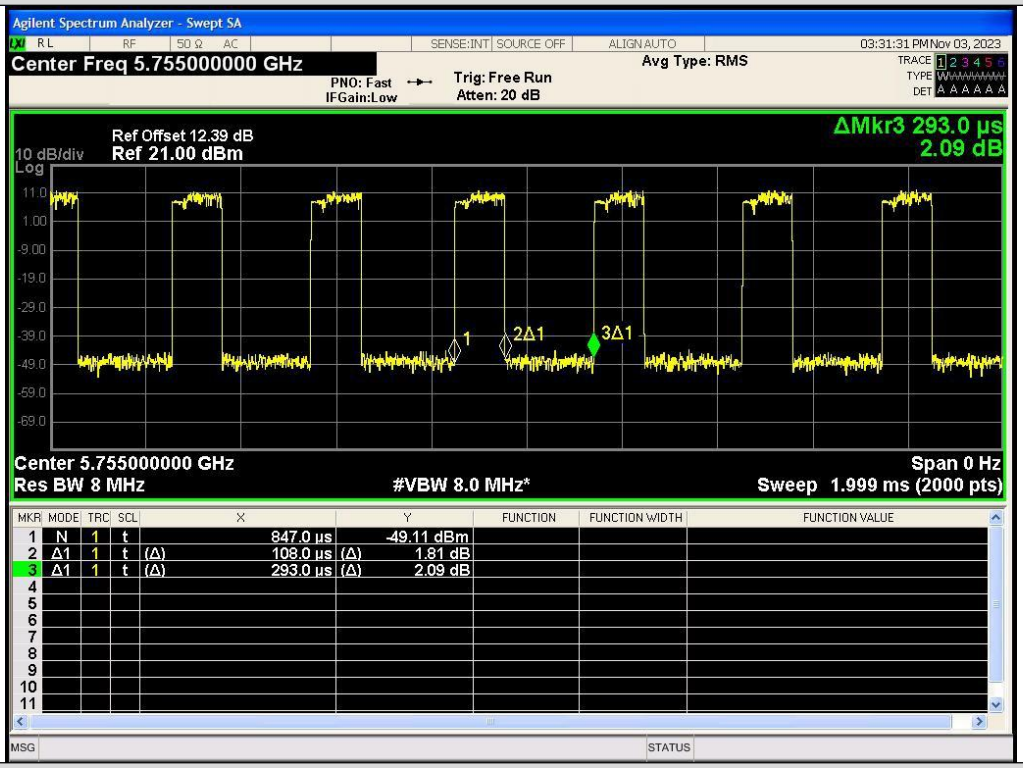
IEEE 802.11ac_20MHz_Channel 149



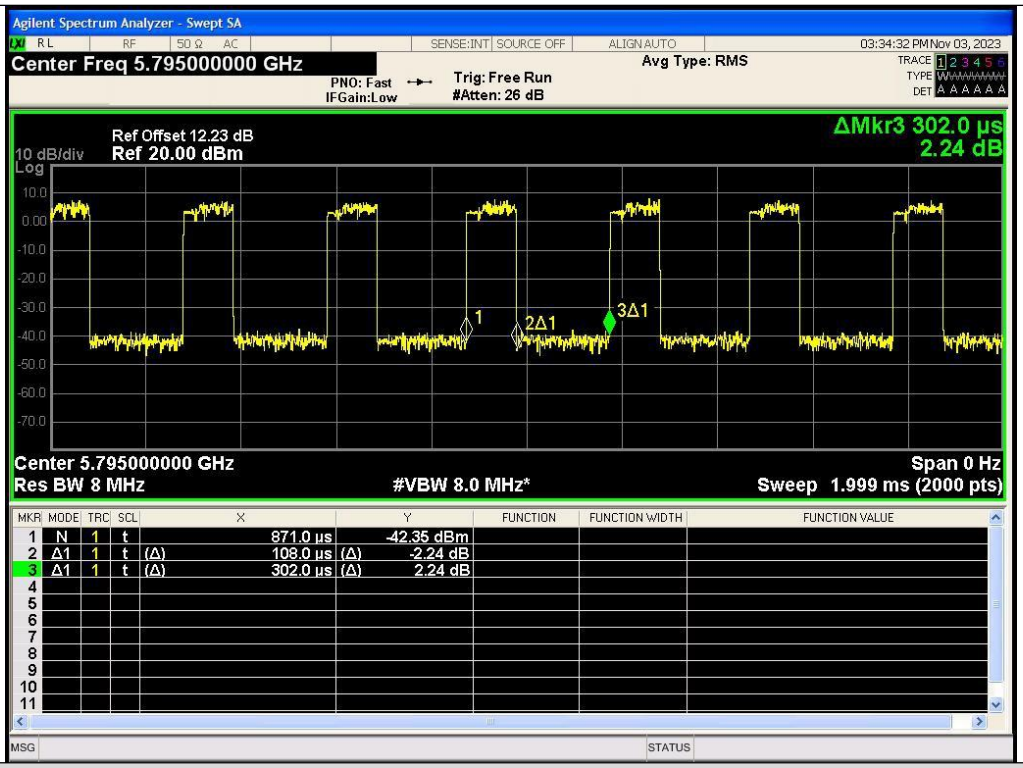
IEEE 802.11ac_20MHz_Channel 157



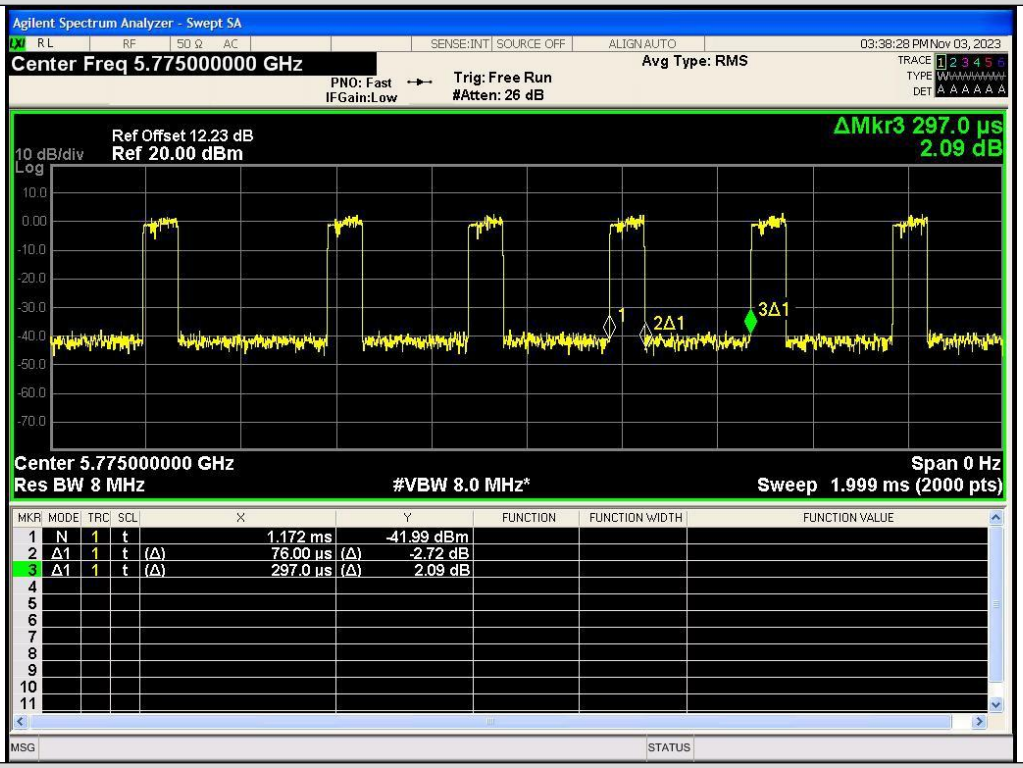
IEEE 802.11ac_20MHz_Channel 165



IEEE 802.11ac_40MHz_Channel 151



IEEE 802.11ac_40MHz_Channel 159



IEEE 802.11ac_80MHz_Channel 155

APPENDIX VIII.Peak Power Spectral Density

Antenna 1:

Test Result

Mode	Channel	Ant. 0 Meas PSD (dBm/MHz or dBm/0.5MHz)	Ant. 0 Corr'd PSD (dBm/MHz or dBm/0.5MHz)	Limit (dBm/MHz or dBm/0.5MHz)	Result
IEEE 802.11a	149	0.833	2.9641	11	PA
	157	0.890	3.0062		PA
	165	-0.466	1.7713		PA
IEEE 802.11n_20	149	0.474	2.9244		PA
	157	-0.072	2.5125		PA
	165	-1.013	1.5715		PA
IEEE 802.11n_40	151	-4.204	0.4902		PA
	159	-8.639	-3.95		PA
IEEE 802.11ac_20	149	1.015	4.5139		PA
	157	0.250	2.7234		PA
	165	-0.559	1.8112		PA
IEEE 802.11ac_40	151	-4.032	0.4486		PA
	159	-8.491	-4.1163		PA
IEEE 802.11ac_80	155	-14.232	-8.2218		PA

Note1: Antenna Gain: Ant1: 3.59dBi; Ant2: 3.12dBi;

Note2: Directional Gain: Uncorrelated(Directional Gain = Ant Gain)

Test Graphs

IEEE 802.11a_Channel 149_20MHz_Antenna 0

IEEE 802.11a_Channel 157_20MHz_Antenna 0

IEEE 802.11a_Channel 165_20MHz_Antenna 0

IEEE 802.11n_Channel 149_20MHz_Antenna 0

IEEE 802.11n_Channel 157_20MHz_Antenna 0

IEEE 802.11n_Channel 165_20MHz_Antenna 0

IEEE 802.11n_Channel 151_40MHz_Antenna 0

IEEE 802.11n_Channel 159_40MHz_Antenna 0

IEEE 802.11ac_Channel 149_20MHz_Antenna 0

IEEE 802.11ac_Channel 157_20MHz_Antenna 0

IEEE 802.11ac_Channel 165_20MHz_Antenna 0

IEEE 802.11ac_Channel 151_40MHz_Antenna 0

IEEE 802.11ac_Channel 159_40MHz_Antenna 0

IEEE 802.11ac_Channel 155_80MHz_Antenna 0

Antenna 2:

Test Result

Mode	Channel	Ant. 0 Meas PSD (dBm/MHz or dBm/0.5MHz)	Ant. 0 Corr'd PSD (dBm/MHz or dBm/0.5MHz)	Limit (dBm/MHz or dBm/0.5MHz)	Result
IEEE 802.11a	149	1.240	3.3711	11	PASS
	157	0.604	2.7202		PASS
	165	-0.425	1.8225		PASS
IEEE 802.11n_20	149	0.489	3.0704		PASS
	157	0.300	2.7451		PASS
	165	-1.031	1.5504		PASS
IEEE 802.11n_40	151	-3.937	0.752		PASS
	159	-8.264	-3.5698		PASS
IEEE 802.11ac_20	149	0.651	3.1098		PASS
	157	0.173	2.5156		PASS
	165	-0.905	1.4577		PASS
IEEE 802.11ac_40	151	-3.746	0.5884		PASS
	159	-8.752	-4.2714		PASS
IEEE 802.11ac_80	155	-13.599	-7.6797		PASS

Note1: Antenna Gain: Ant1: 3.59dBi; Ant2: 3.12dBi;

Note2: Directional Gain: Uncorrelated(Directional Gain = Ant Gain)

Test Graphs

IEEE 802.11a_Channel 149_20MHz_Antenna 0

IEEE 802.11a_Channel 157_20MHz_Antenna 0

IEEE 802.11a_Channel 165_20MHz_Antenna 0

IEEE 802.11n_Channel 149_20MHz_Antenna 0

IEEE 802.11n_Channel 157_20MHz_Antenna 0

IEEE 802.11n_Channel 165_20MHz_Antenna 0

IEEE 802.11n_Channel 151_40MHz_Antenna 0

IEEE 802.11n_Channel 159_40MHz_Antenna 0

IEEE 802.11ac_Channel 149_20MHz_Antenna 0

IEEE 802.11ac_Channel 157_20MHz_Antenna 0

IEEE 802.11ac_Channel 165_20MHz_Antenna 0

IEEE 802.11ac_Channel 151_40MHz_Antenna 0

IEEE 802.11ac_Channel 159_40MHz_Antenna 0

IEEE 802.11ac_Channel 155_80MHz_Antenna 0

Antenna 1+2:

Test Result

Mode	Channel	Ant. 0 Corr'd PSD (dBm/MHz or dBm/0.5MHz)	Limit (dBm/MHz or dBm/0.5MHz)	Result
IEEE 802.11n_20	149	6.01	11	PASS
	157	5.64		PASS
	165	4.57		PASS
IEEE 802.11n_40	151	3.63		PASS
	159	-0.75		PASS
IEEE 802.11ac_20	149	6.88		PASS
	157	5.63		PASS
	165	4.65		PASS
IEEE 802.11ac_40	151	3.53		PASS
	159	-1.18		PASS
IEEE 802.11ac_80	155	-4.93		PASS

Note1: Antenna Gain: Ant1: 3.59dBi; Ant2: 3.12dBi;

Note2: Directional Gain: Uncorrelated(Directional Gain = Ant Gain)

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