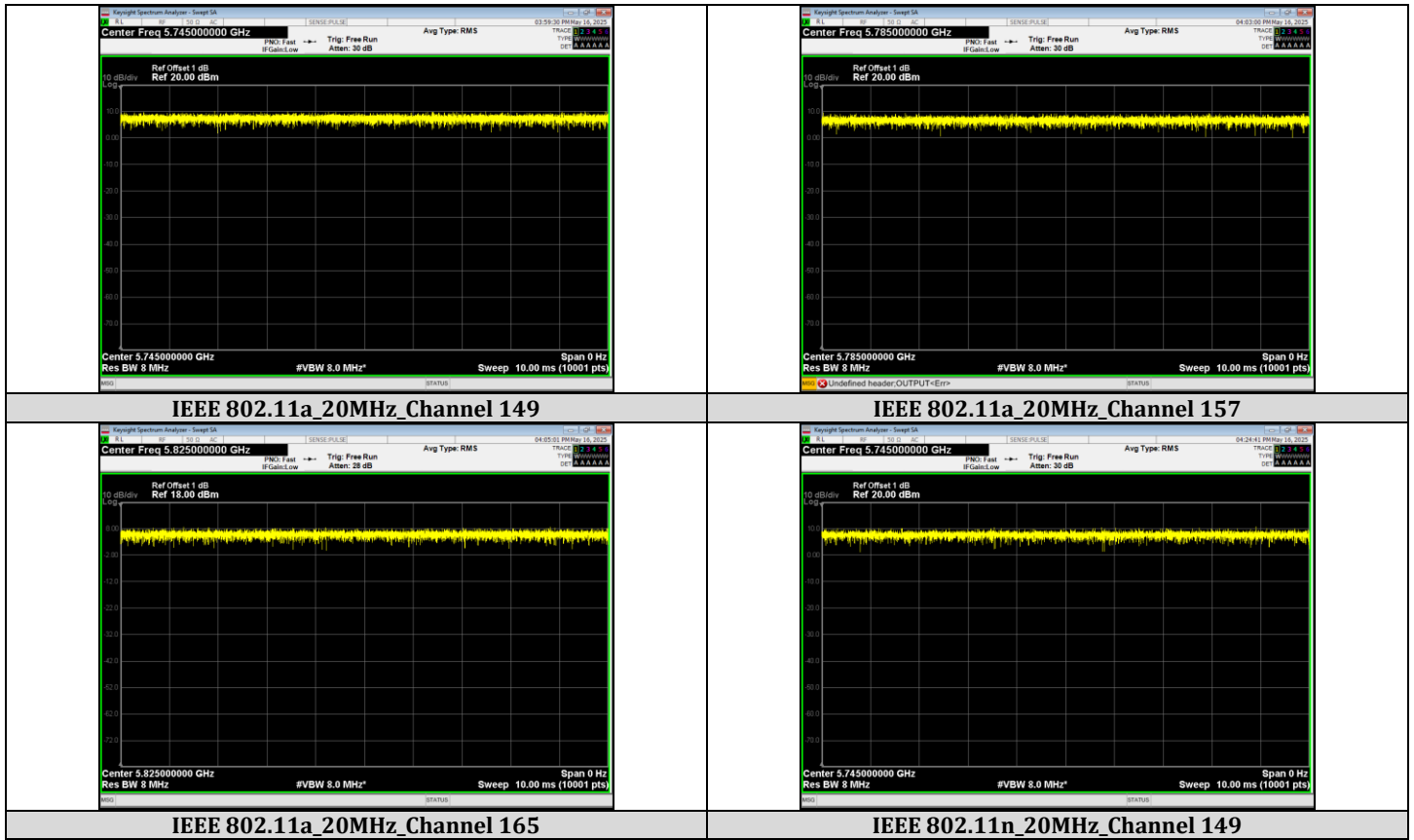
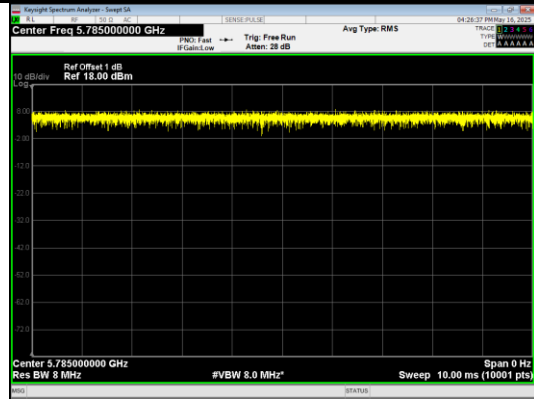


Duty Cycle Test Result

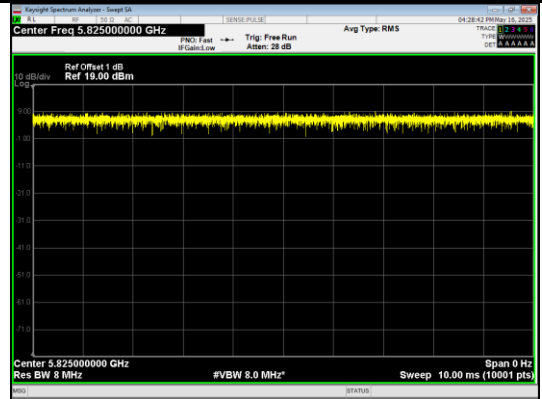
Mode	Data rates	Channel	Antenna	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)	1/T
IEEE 802.11a	6	149	1	10.000	10.000	100	1	0.0	0.1000
		157		10.000	10.000	100	1	0.0	0.1000
		165		10.000	10.000	100	1	0.0	0.1000
IEEE 802.11n_20	149	10.000		10.000	100	1	0.0	0.1000	
	157	10.000		10.000	100	1	0.0	0.1000	
	165	10.000		10.000	100	1	0.0	0.1000	
IEEE 802.11n_40	151	10.000		10.000	100	1	0.0	0.1000	
	159	10.000		10.000	100	1	0.0	0.1000	
IEEE 802.11ac_20	MCS 0	149		10.000	10.000	100	1	0.0	0.1000
		157		10.000	10.000	100	1	0.0	0.1000
		165		10.000	10.000	100	1	0.0	0.1000
IEEE 802.11ac_40		151		10.000	10.000	100	1	0.0	0.1000
		159		10.000	10.000	100	1	0.0	0.1000
IEEE 802.11ac_80		155		10.000	10.000	100	1	0.0	0.1000

Test Graphs

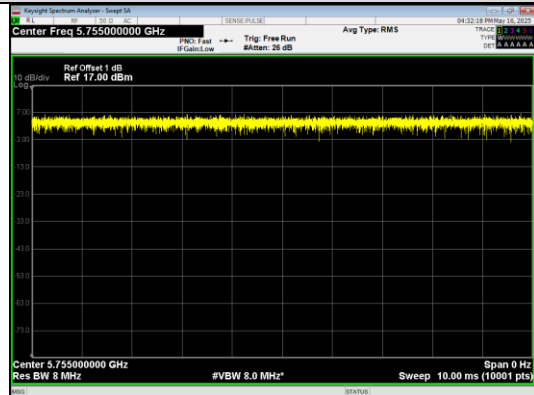




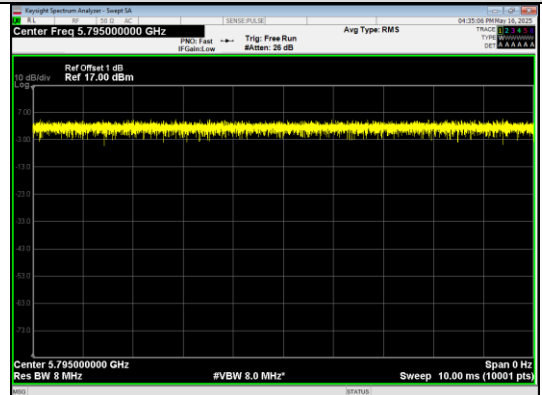
IEEE 802.11n_20MHz_Channel 157



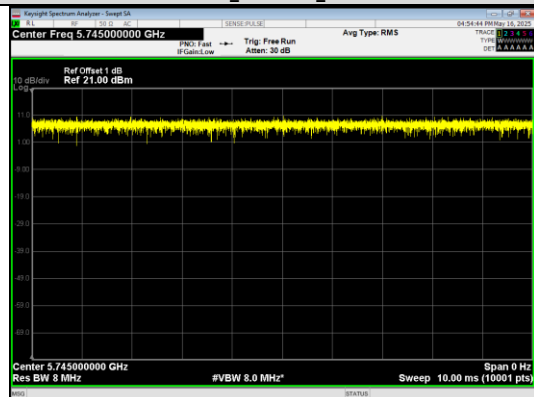
IEEE 802.11n_20MHz_Channel 165



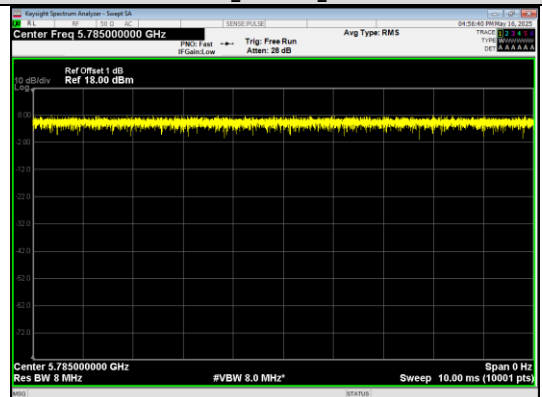
IEEE 802.11n_40MHz_Channel 151



IEEE 802.11n_40MHz_Channel 159



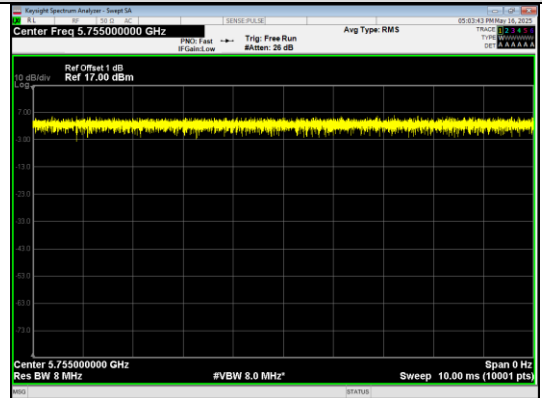
IEEE 802.11ac_20MHz_Channel 149



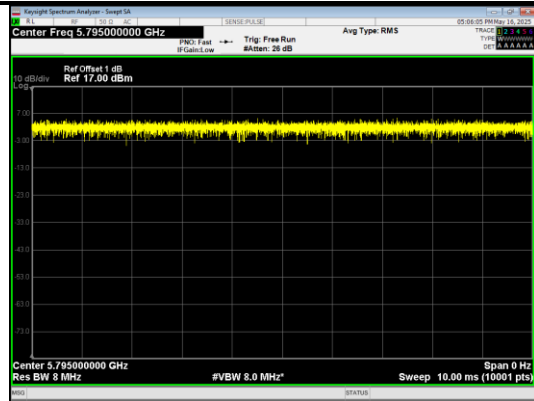
IEEE 802.11ac_20MHz_Channel 157



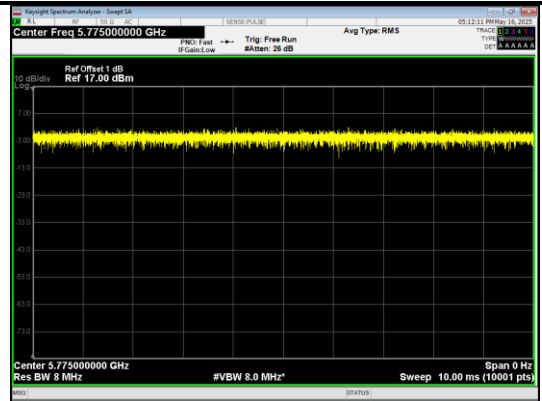
IEEE 802.11ac_20MHz_Channel 165



IEEE 802.11ac_40MHz_Channel 151



IEEE 802.11ac_40MHz_Channel 159



IEEE 802.11ac_80MHz_Channel 155

Conducted Output Power

Conducted output power

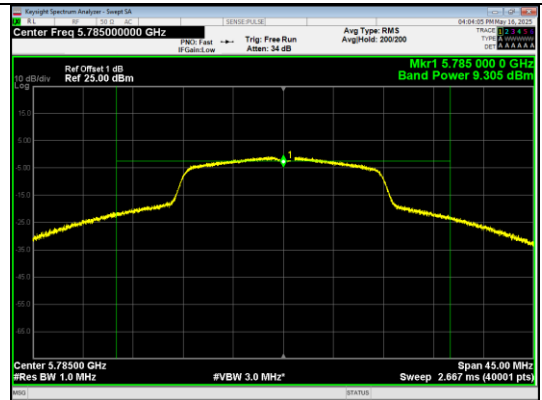
Mode	Channel	Ant. 0 (dBm)	Corr'd Value Ant. 0 (dBm)	Limit (dBm)	Result
IEEE 802.11a	149	9.690	9.69	≤30	PASS
	157	9.305	9.3	≤30	PASS
	165	8.566	8.57	≤30	PASS
IEEE 802.11n_20	149	9.897	9.9	≤30	PASS
	157	8.257	8.26	≤30	PASS
	165	8.466	8.47	≤30	PASS
IEEE 802.11n_40	151	8.579	8.58	≤30	PASS
	159	7.099	7.1	≤30	PASS
IEEE 802.11ac_20	149	9.742	9.74	≤30	PASS
	157	7.839	7.84	≤30	PASS
	165	8.419	8.42	≤30	PASS
IEEE 802.11ac_40	151	7.936	7.94	≤30	PASS
	159	7.307	7.31	≤30	PASS
IEEE 802.11ac_80	155	7.019	7.02	≤30	PASS

ISED EIRP

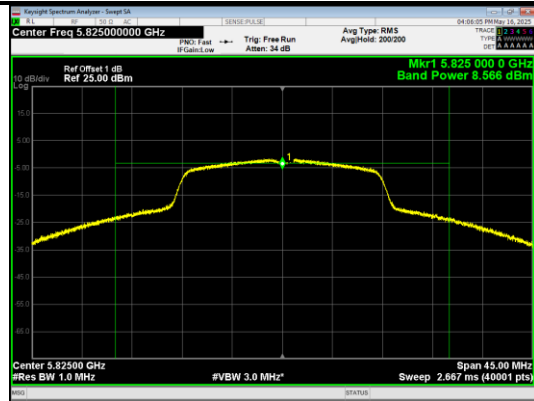
Mode	Channel	Ant. 0 (dBm)	Limit (dBm)	Result
IEEE 802.11a	149	12.29	≤36.02	PASS
	157	11.9	≤36.02	PASS
	165	11.17	≤36.02	PASS
IEEE 802.11n_20	149	12.5	≤36.02	PASS
	157	10.86	≤36.02	PASS
	165	11.07	≤36.02	PASS
IEEE 802.11n_40	151	11.18	≤36.02	PASS
	159	9.7	≤36.02	PASS
IEEE 802.11ac_20	149	12.34	≤36.02	PASS
	157	10.44	≤36.02	PASS
	165	11.02	≤36.02	PASS
IEEE 802.11ac_40	151	10.540000000000001	≤36.02	PASS
	159	9.91	≤36.02	PASS
IEEE 802.11ac_80	155	9.62	≤36.02	PASS



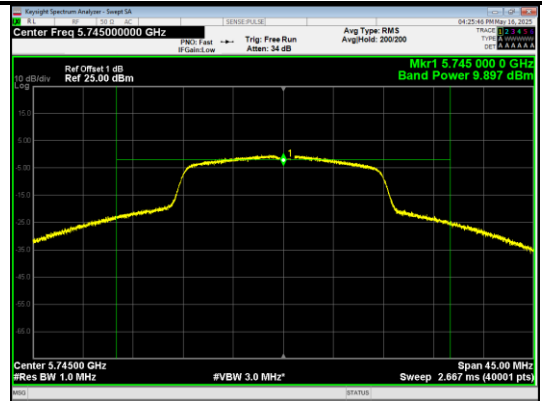
Conducted AVG output power
IEEE 802.11a_Channel 149_Antenna 0



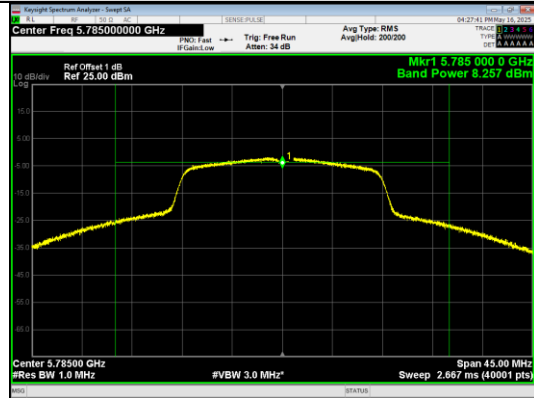
Conducted AVG output power
IEEE 802.11a_Channel 157_Antenna 0



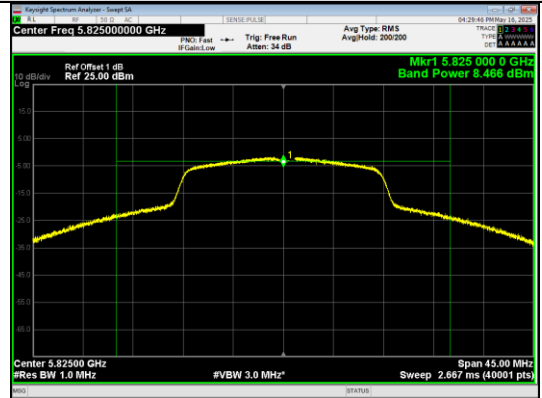
Conducted AVG output power
IEEE 802.11a_Channel 165_Antenna 0



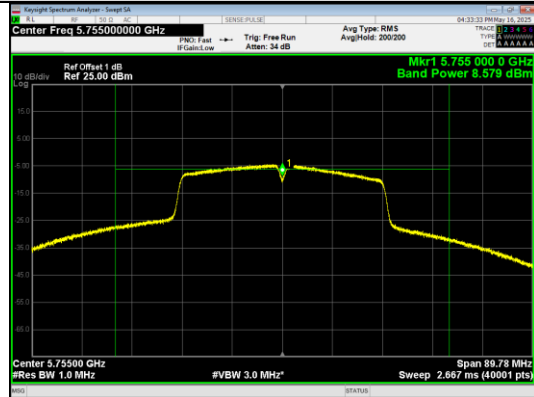
Conducted AVG output power
IEEE 802.11n_20_Channel 149_Antenna 0



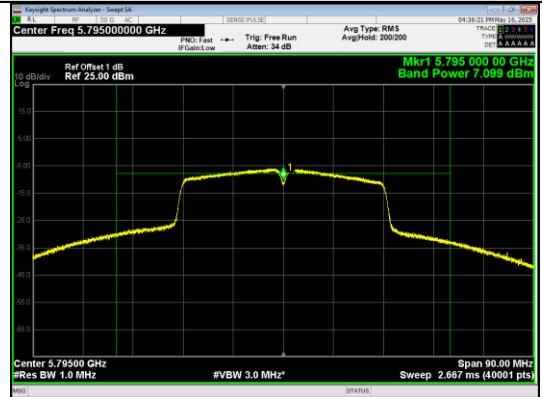
Conducted AVG output power
IEEE 802.11n_20_Channel 157_Antenna 0



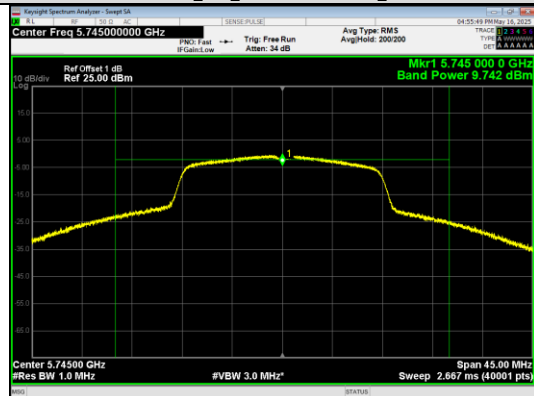
Conducted AVG output power
IEEE 802.11n_20_Channel 165_Antenna 0



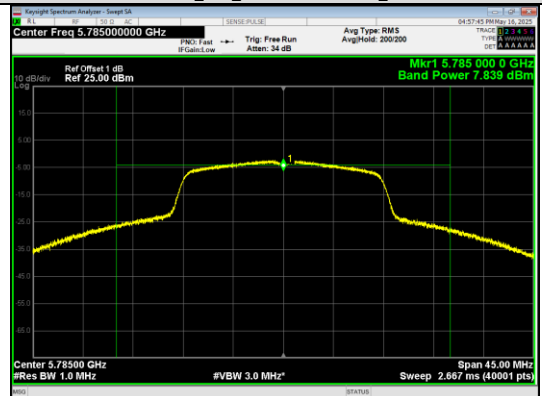
Conducted AVG output power
IEEE 802.11n_40_Channel 151_Antenna 0



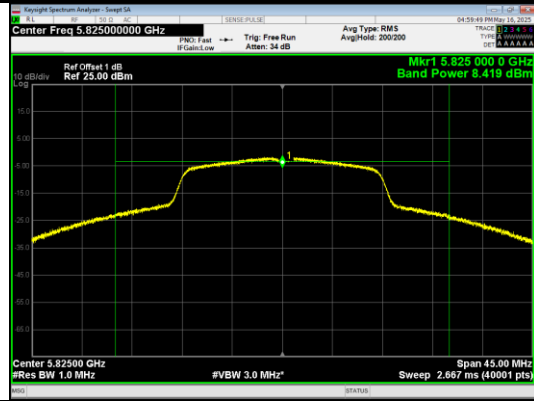
Conducted AVG output power
IEEE 802.11n_40_Channel 159_Antenna 0



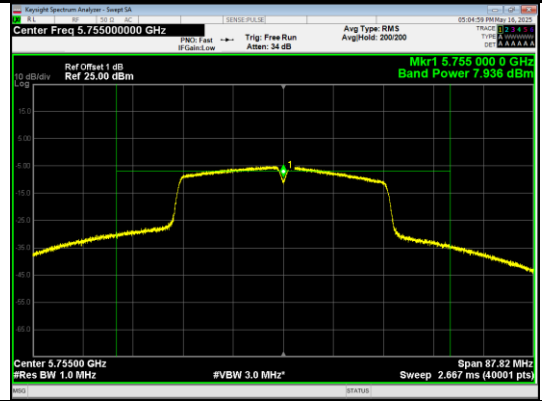
Conducted AVG output power
IEEE 802.11ac_20_Channel 149_Antenna 0



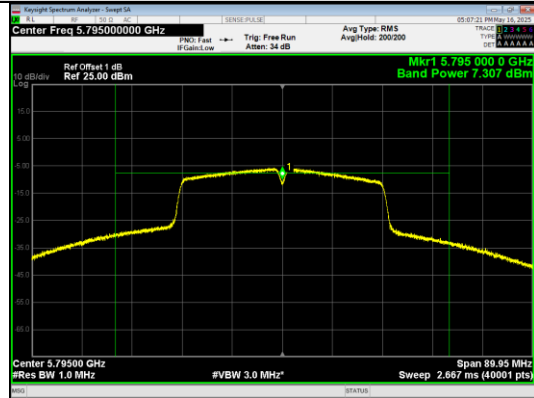
Conducted AVG output power
IEEE 802.11ac_20_Channel 157_Antenna 0



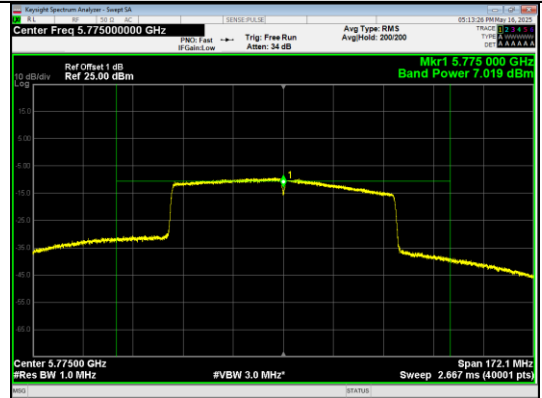
Conducted AVG output power
IEEE 802.11ac_20_Channel 165_Antenna 0



Conducted AVG output power
IEEE 802.11ac_40_Channel 151_Antenna 0



Conducted AVG output power
IEEE 802.11ac_40_Channel 159_Antenna 0



Conducted AVG output power
IEEE 802.11ac_80_Channel 155_Antenna 0

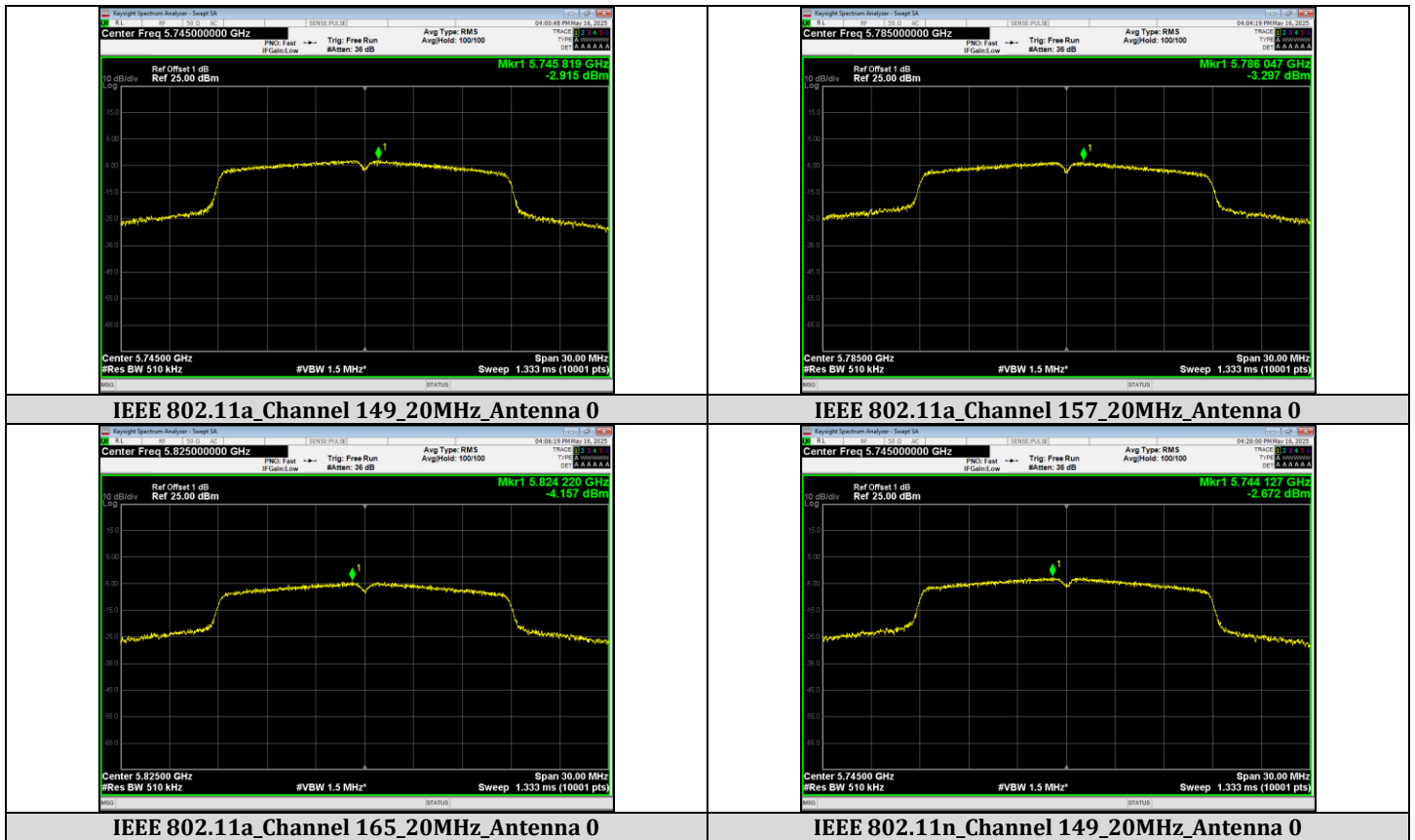


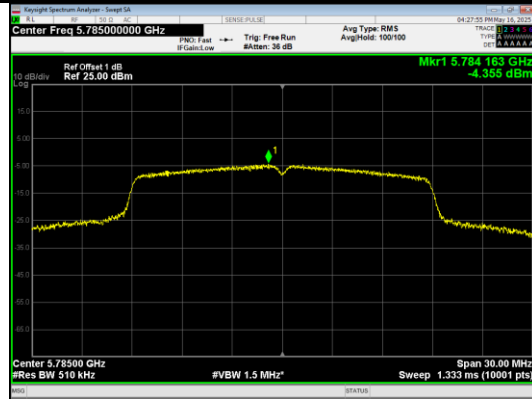
Peak Power Spectral Density

Test Result

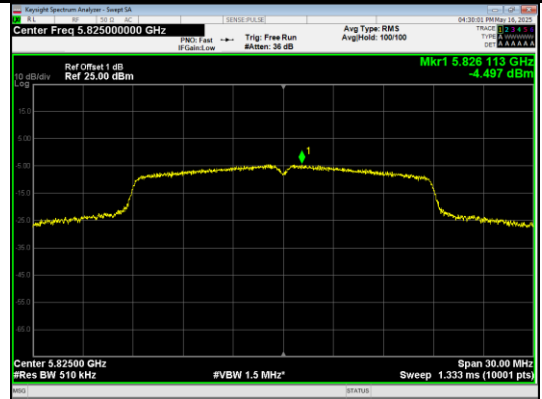
Mode	Channel	Ant. 0 Meas PSD (dBm/MHz or dBm/0.5MHz)	Ant. 0 Corr'd PSD (dBm/MHz or dBm/0.5MHz)	Limit (dBm/MHz or dBm/0.5MHz)	Result
IEEE 802.11a	149	-2.915	-2.915	30	PASS
	157	-3.297	-3.297		PASS
	165	-4.157	-4.157		PASS
IEEE 802.11n_20	149	-2.672	-2.672		PASS
	157	-4.355	-4.355		PASS
	165	-4.497	-4.497		PASS
IEEE 802.11n_40	151	-6.767	-6.767		PASS
	159	-8.155	-8.155		PASS
IEEE 802.11ac_20	149	-2.209	-2.209		PASS
	157	-4.668	-4.668		PASS
	165	-4.238	-4.238		PASS
IEEE 802.11ac_40	151	-7.497	-7.497		PASS
	159	-8.265	-8.265		PASS
IEEE 802.11ac_80	155	-11.765	-11.765		PASS

Test Graphs

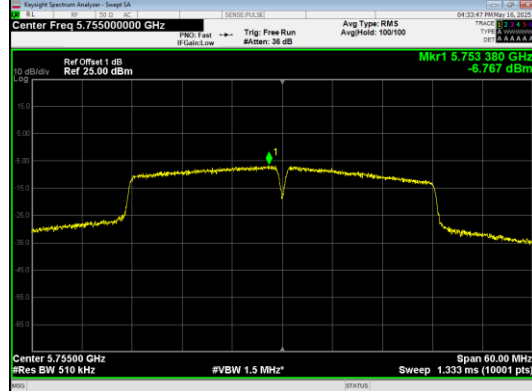




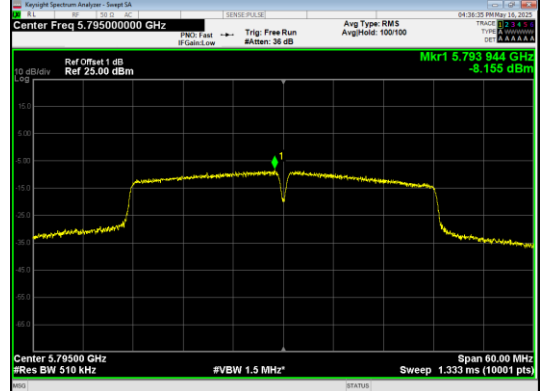
IEEE 802.11n_Channel 157_20MHz_Antenna 0



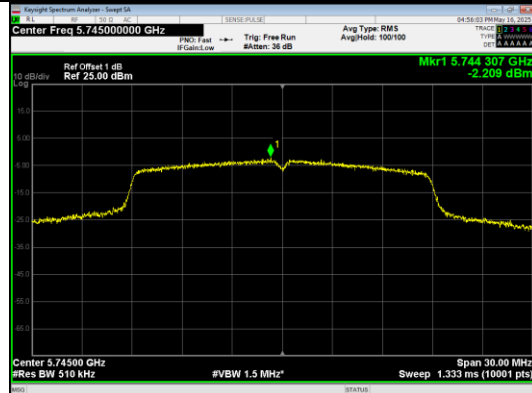
IEEE 802.11n_Channel 165_20MHz_Antenna 0



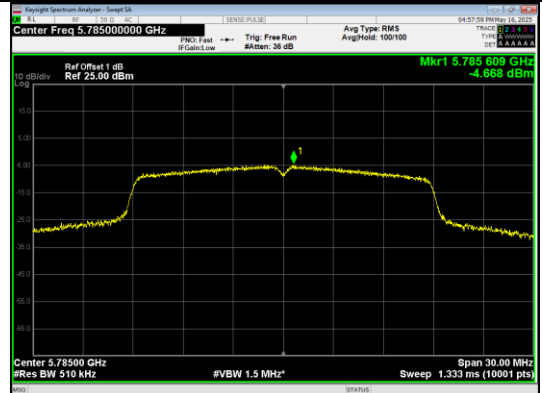
IEEE 802.11n_Channel 151_40MHz_Antenna 0



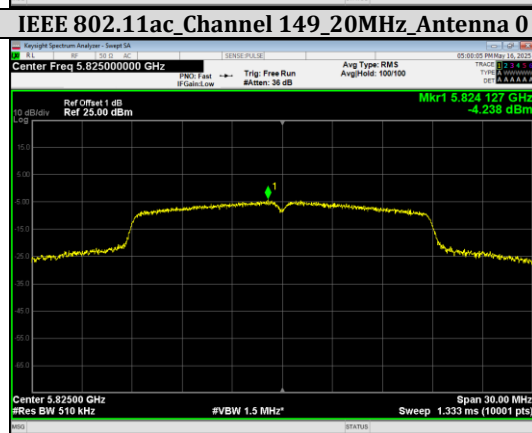
IEEE 802.11n_Channel 159_40MHz_Antenna 0



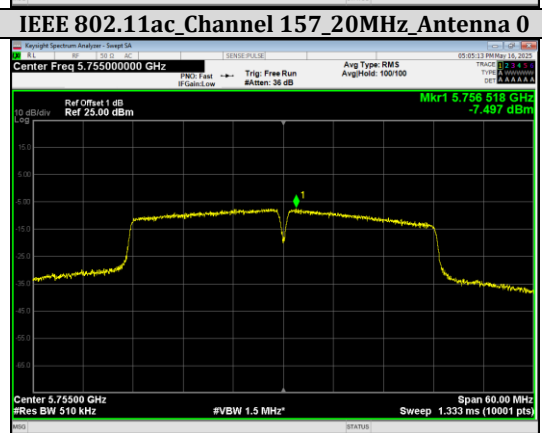
IEEE 802.11ac_Channel 149_20MHz_Antenna 0



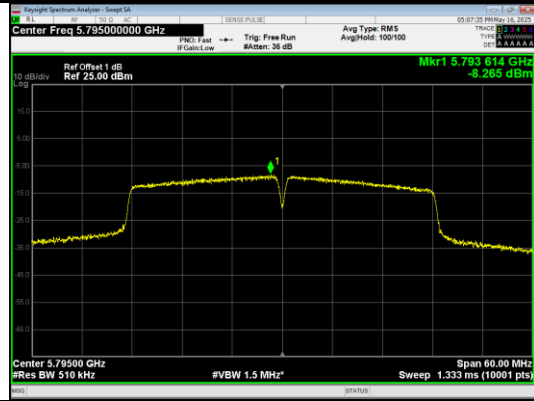
IEEE 802.11ac_Channel 157_20MHz_Antenna 0



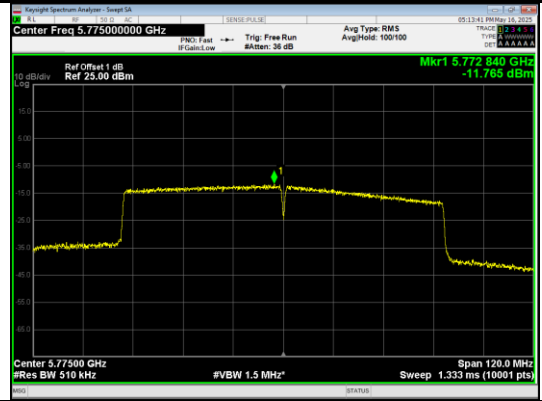
IEEE 802.11ac_Channel 165_20MHz_Antenna 0



IEEE 802.11ac_Channel 151_40MHz_Antenna 0



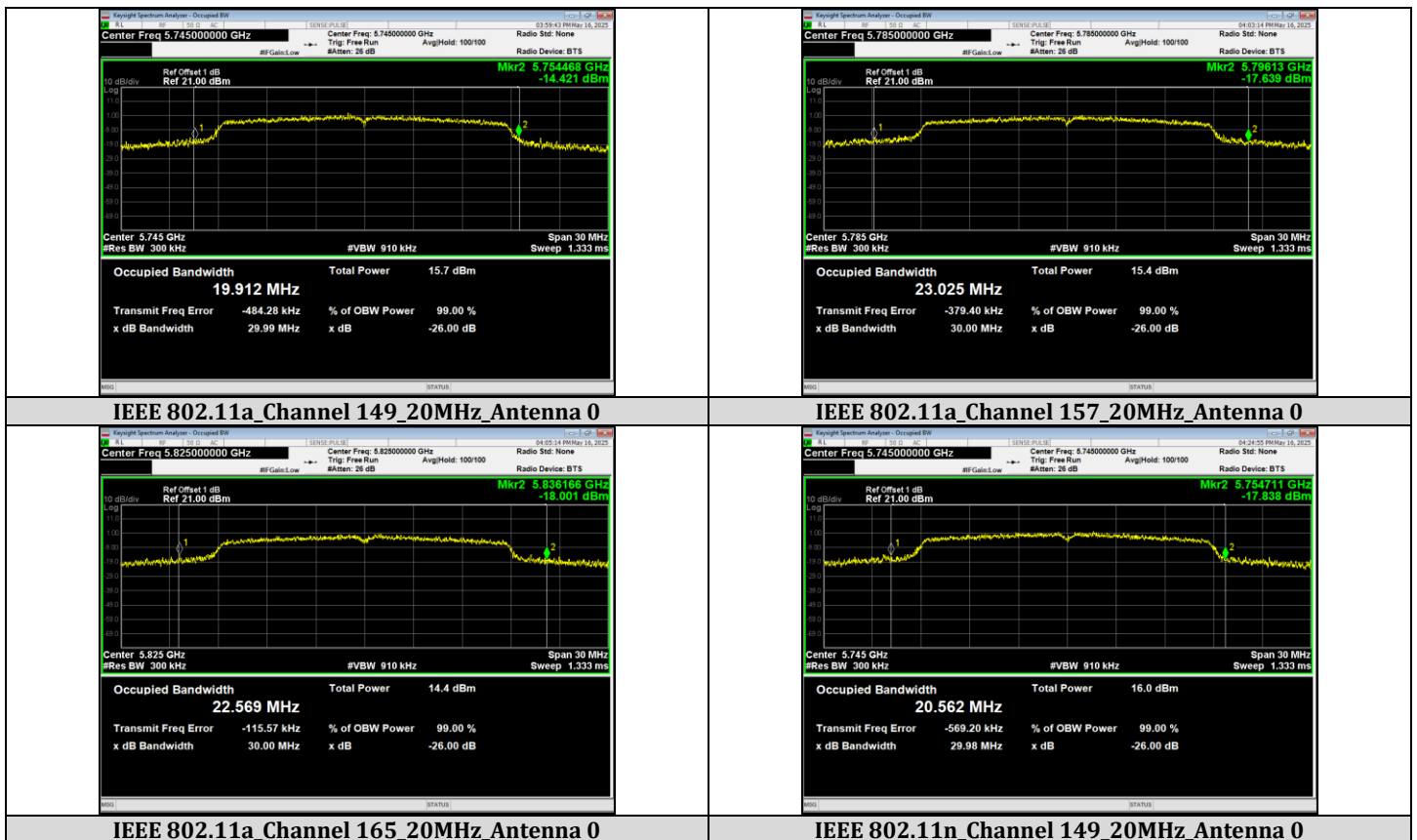
IEEE 802.11ac_Channel 159_40MHz_Antenna 0

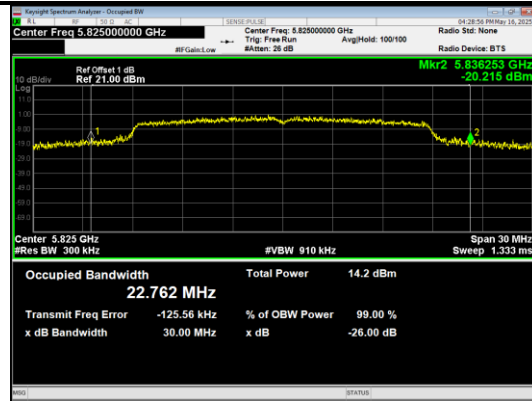
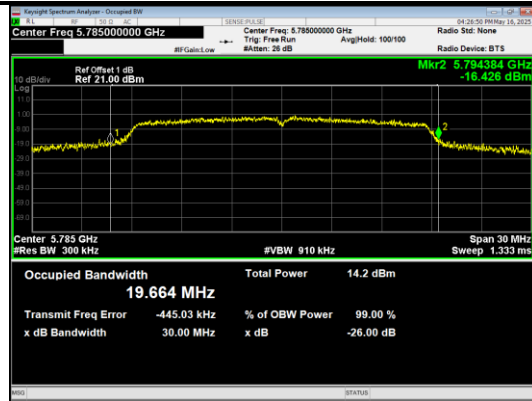


IEEE 802.11ac_Channel 155_80MHz_Antenna 0

**99% Bandwidth****Test Result**

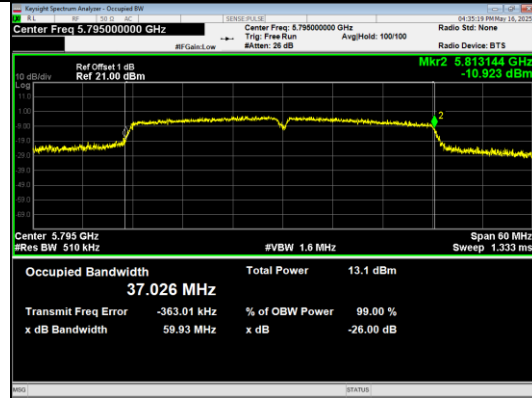
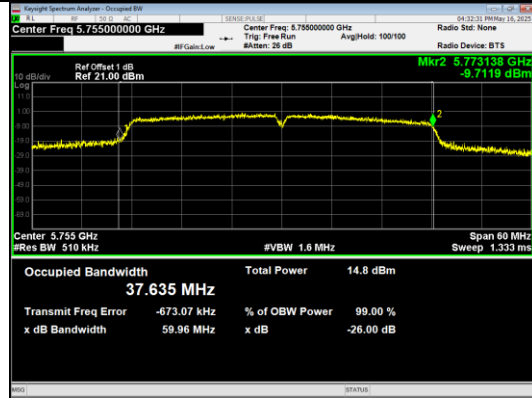
Mode	Channel	Ant.	Center Frequency (MHz)	99% BW (MHz)
IEEE 802.11a	149	0	5745	19.912
	157		5785	23.025
	165		5825	22.569
IEEE 802.11n_20	149		5745	20.562
	157		5785	19.664
	165		5825	22.762
IEEE 802.11n_40	151		5755	37.635
	159		5795	37.026
IEEE 802.11ac_20	149		5745	20.633
	157		5785	20.141
	165		5825	23.354
IEEE 802.11ac_40	151		5755	36.514
	159		5795	37.313
IEEE 802.11ac_80	155		5775	76.060

Test Graphs



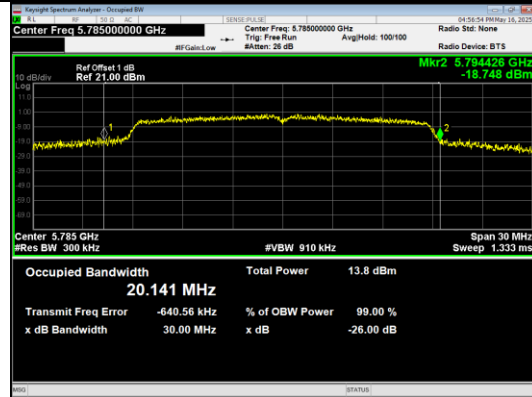
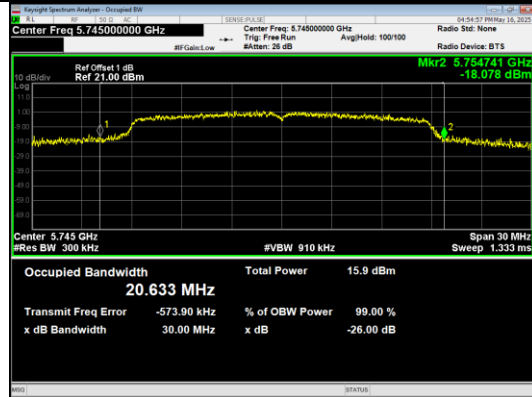
IEEE 802.11n_Channel 157_20MHz_Antenna 0

IEEE 802.11n_Channel 165_20MHz_Antenna 0



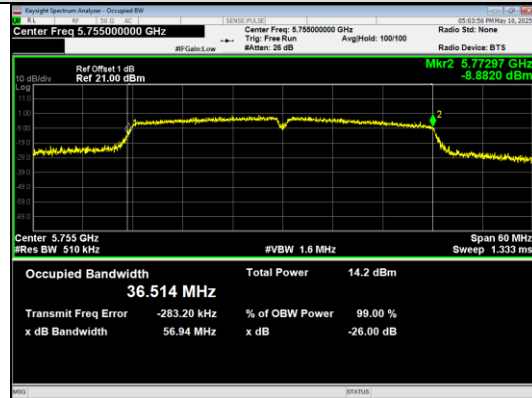
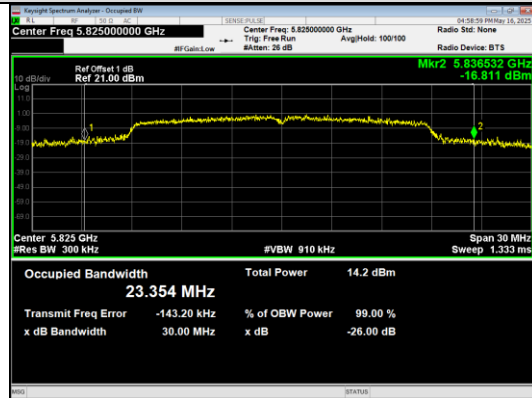
IEEE 802.11n_Channel 151_40MHz_Antenna 0

IEEE 802.11n_Channel 159_40MHz_Antenna 0



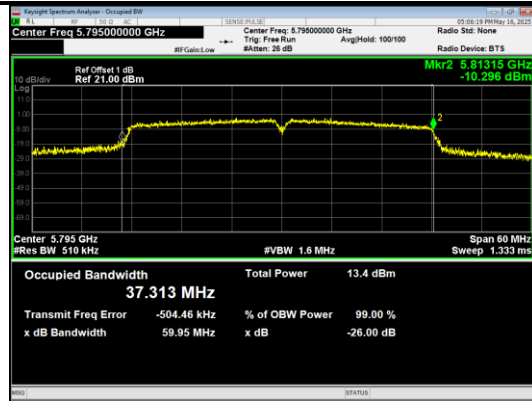
IEEE 802.11ac_Channel 149_20MHz_Antenna 0

IEEE 802.11ac_Channel 157_20MHz_Antenna 0

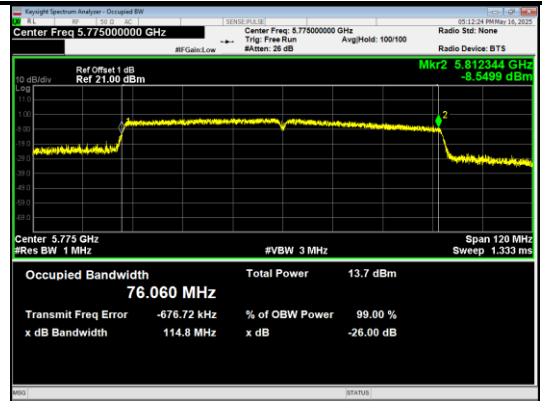


IEEE 802.11ac_Channel 165_20MHz_Antenna 0

IEEE 802.11ac_Channel 151_40MHz_Antenna 0



IEEE 802.11ac_Channel 159_40MHz_Antenna 0



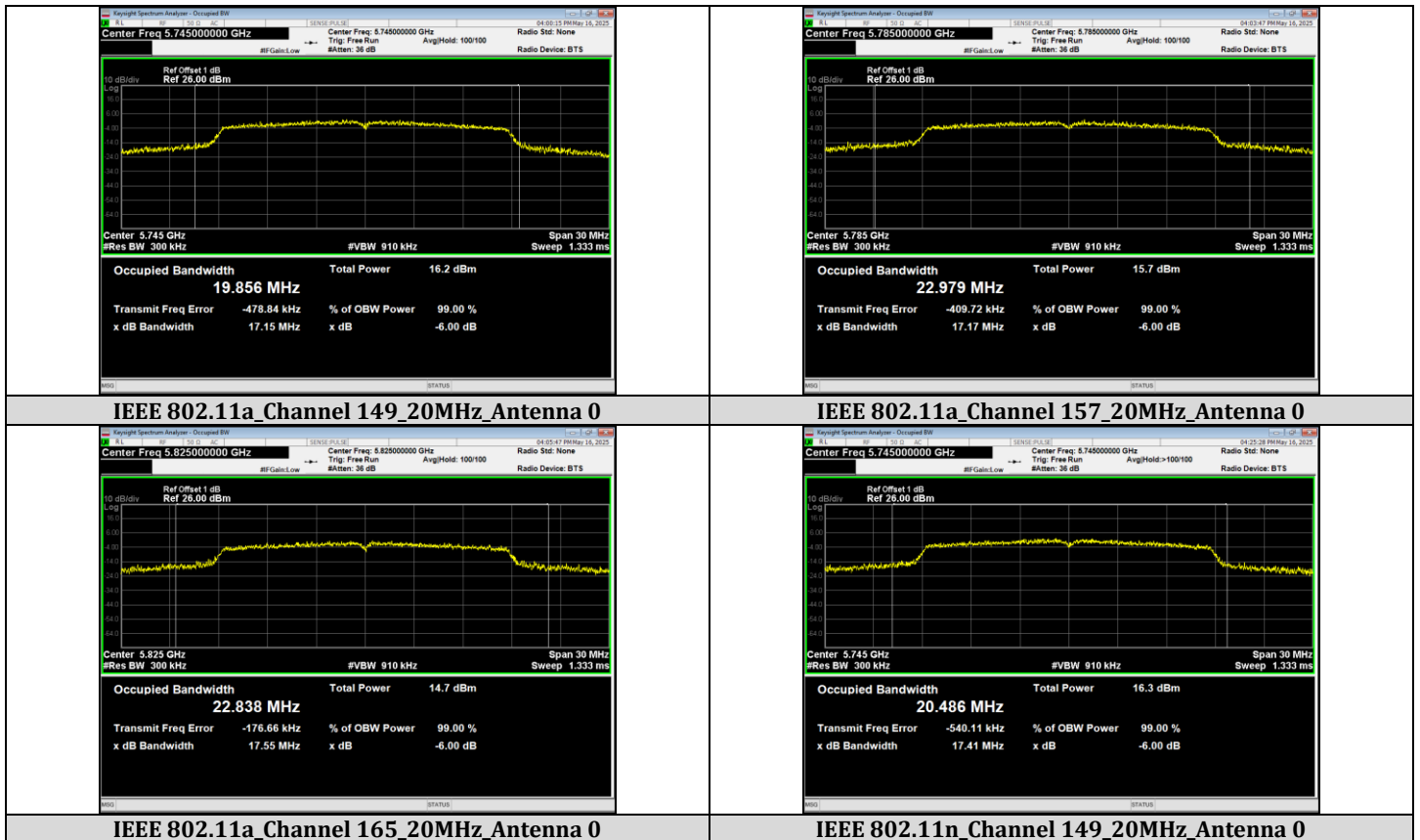
IEEE 802.11ac_Channel 155_80MHz_Antenna 0

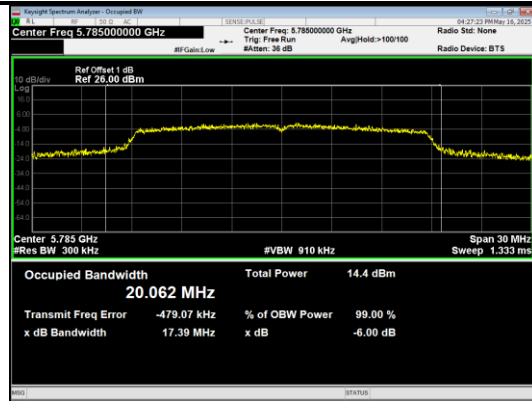
6dB Bandwidth

Test Result

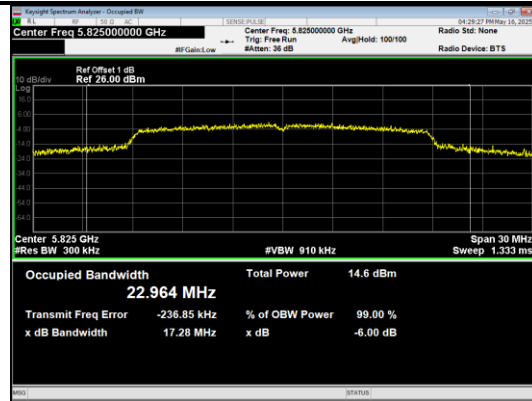
Mode	Channel	Ant.	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
IEEE 802.11a	149	0	5745	17.15	≥0.5	PASS
	157		5785	17.17		PASS
	165		5825	17.55		PASS
IEEE 802.11n_20	149		5745	17.41		PASS
	157		5785	17.39		PASS
	165		5825	17.28		PASS
IEEE 802.11n_40	151		5755	35.36		PASS
	159		5795	34.62		PASS
IEEE 802.11ac_20	149		5745	17.26		PASS
	157		5785	17.28		PASS
	165		5825	17.41		PASS
IEEE 802.11ac_40	151		5755	34.67		PASS
	159		5795	35.79		PASS
IEEE 802.11ac_80	155		5775	74.48		PASS

Test Graphs

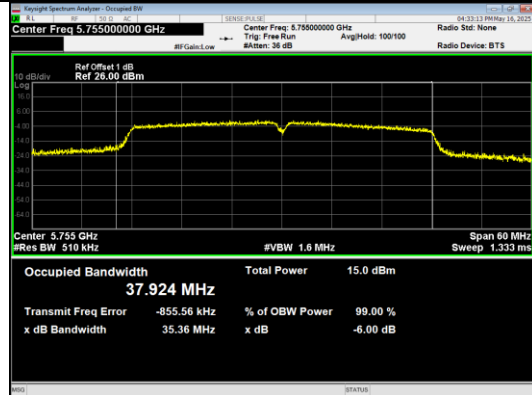




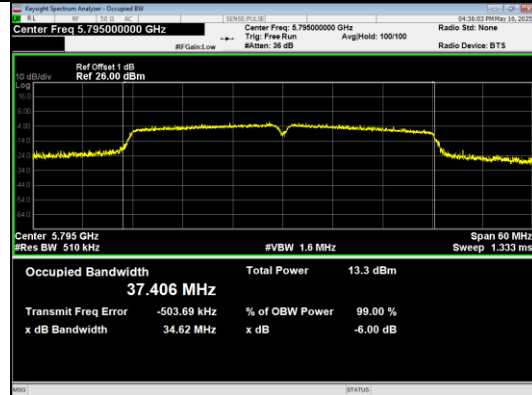
IEEE 802.11n_Channel 157_20MHz_Antenna 0



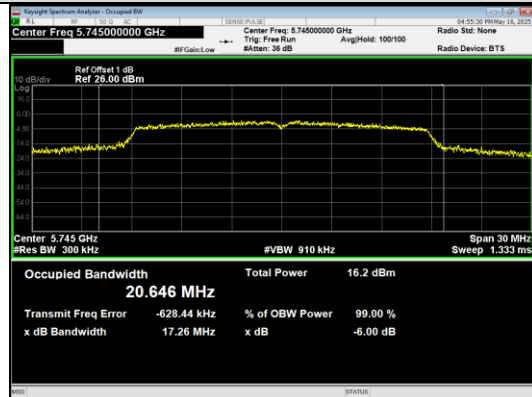
IEEE 802.11n_Channel 165_20MHz_Antenna 0



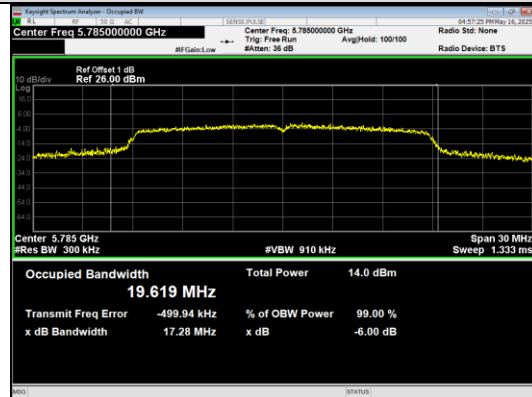
IEEE 802.11n_Channel 151_40MHz_Antenna 0



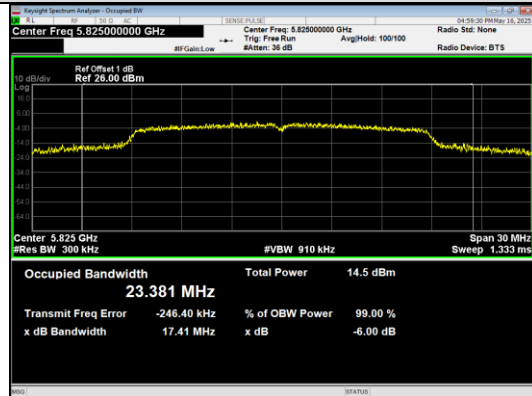
IEEE 802.11n_Channel 159_40MHz_Antenna 0



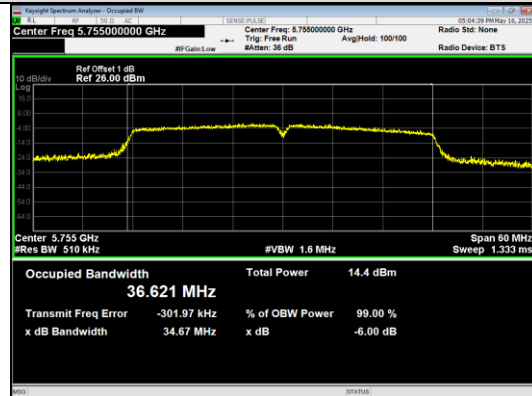
IEEE 802.11ac_Channel 149_20MHz_Antenna 0



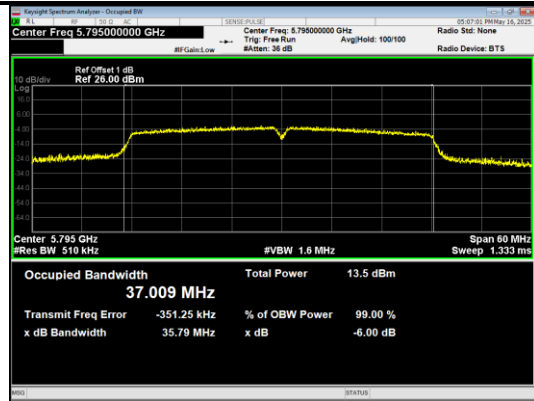
IEEE 802.11ac_Channel 157_20MHz_Antenna 0



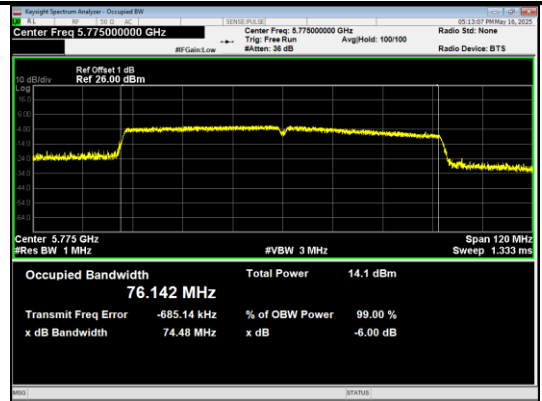
IEEE 802.11ac_Channel 165_20MHz_Antenna 0



IEEE 802.11ac_Channel 151_40MHz_Antenna 0



IEEE 802.11ac_Channel 159_40MHz_Antenna 0



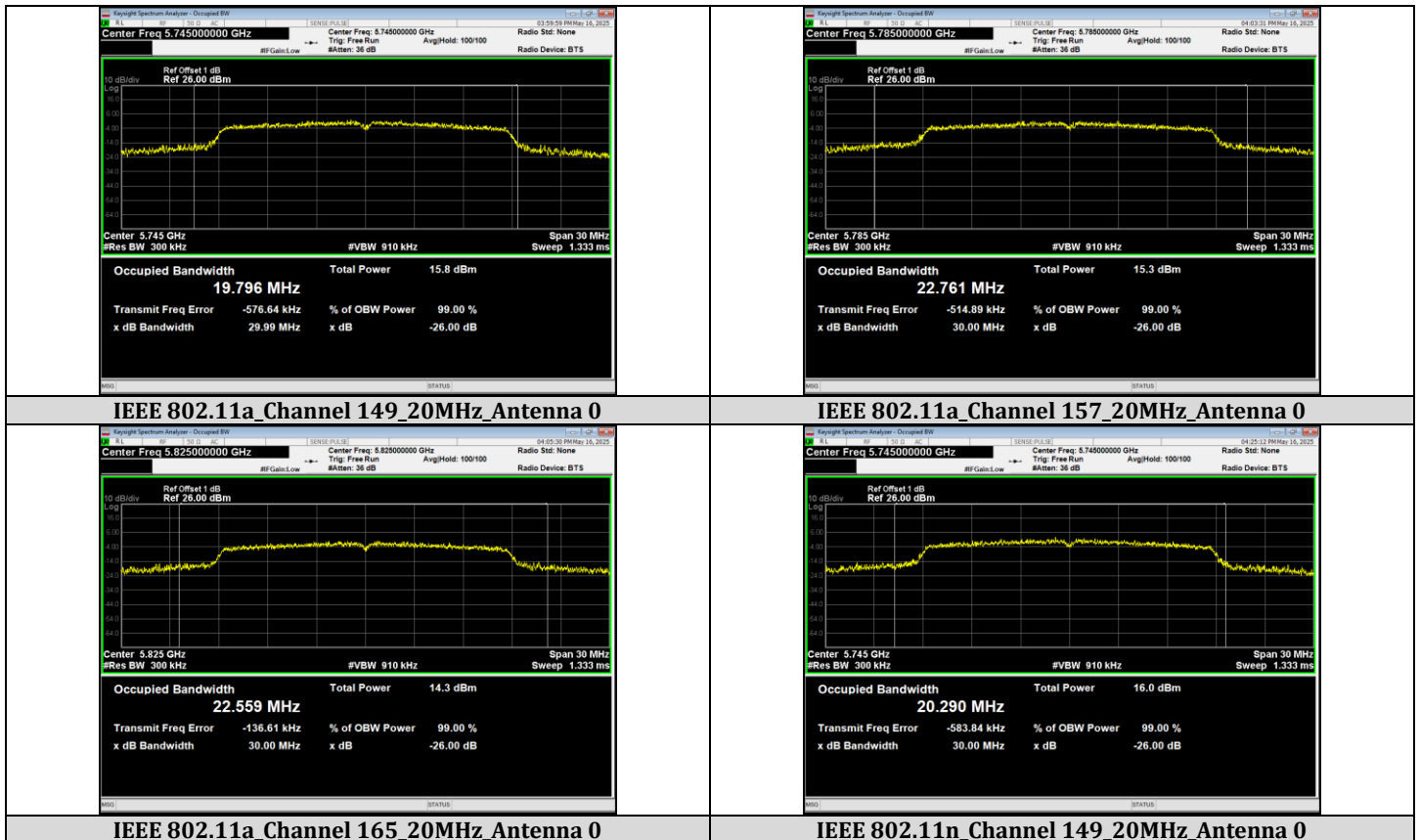
IEEE 802.11ac_Channel 155_80MHz_Antenna 0

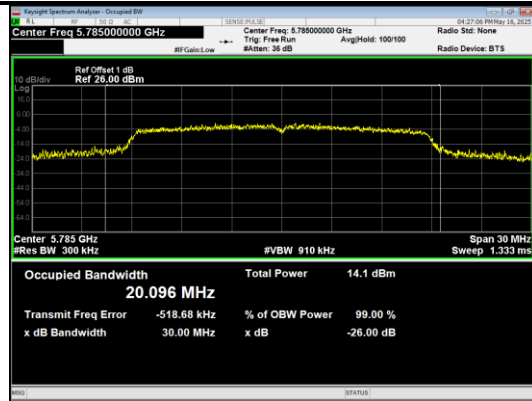
26dB Bandwidth

Test Result

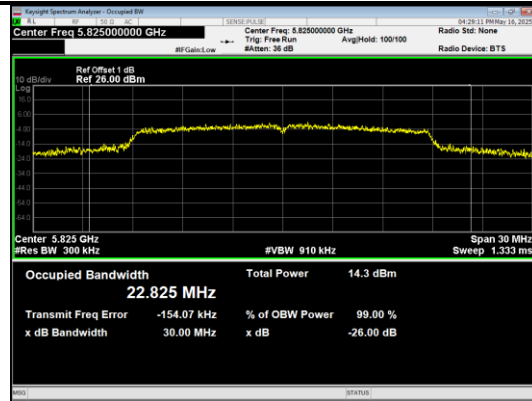
Mode	Channel	Ant.	Center Frequency (MHz)	26 dB Bandwidth (MHz)	RBW/EBW
IEEE 802.11a	149	0	5745	29.99	1.0
	157		5785	30.00	1.0
	165		5825	30.00	1.0
IEEE 802.11n_20	149		5745	30.00	1.0
	157		5785	30.00	1.0
	165		5825	30.00	1.0
IEEE 802.11n_40	151		5755	59.85	1.03
	159		5795	60.00	1.03
IEEE 802.11ac_20	149		5745	30.00	1.0
	157		5785	30.00	1.0
	165		5825	30.00	1.0
IEEE 802.11ac_40	151		5755	58.55	1.0
	159		5795	59.97	1.03
IEEE 802.11ac_80	155		5775	114.76	1.04

Test Graphs

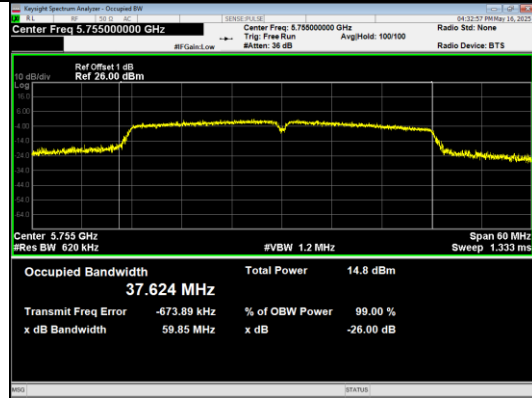




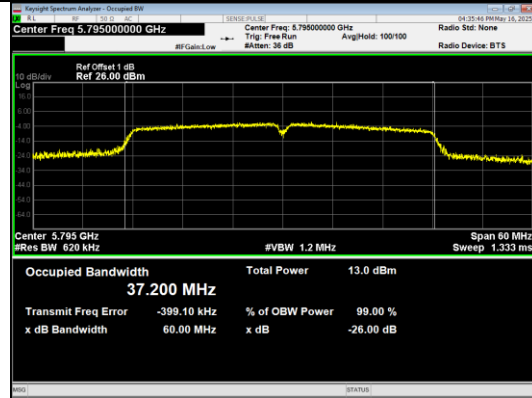
IEEE 802.11n_Channel 157_20MHz_Antenna 0



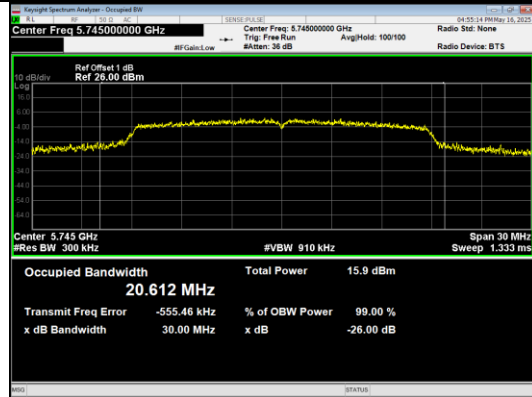
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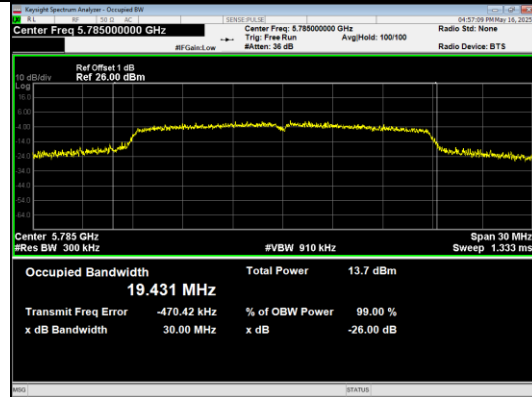
IEEE 802.11n_Channel 151_40MHz_Antenna 0



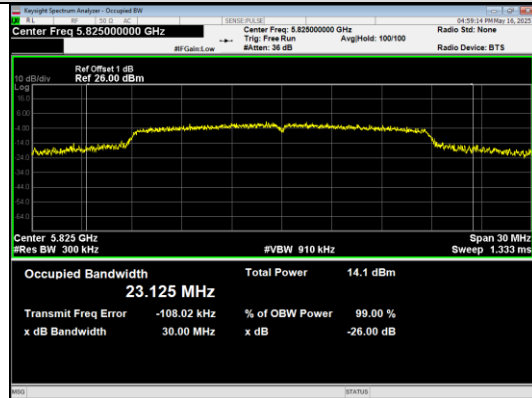
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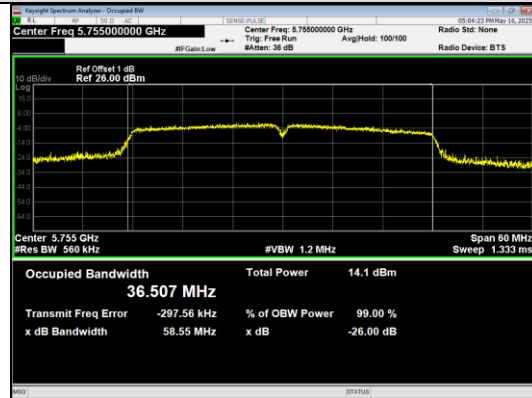
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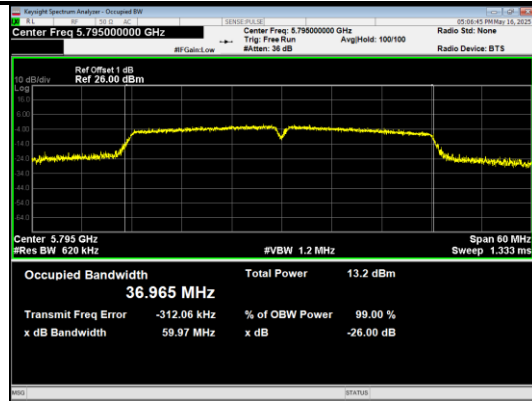
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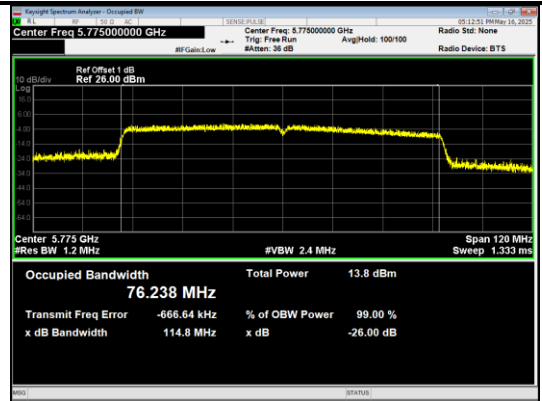
IEEE 802.11ac_Channel 165_20MHz_Antenna 0



IEEE 802.11ac_Channel 151_40MHz_Antenna 0



IEEE 802.11ac_Channel 159_40MHz_Antenna 0



IEEE 802.11ac_Channel 155_80MHz_Antenna 0

Frequency Stability

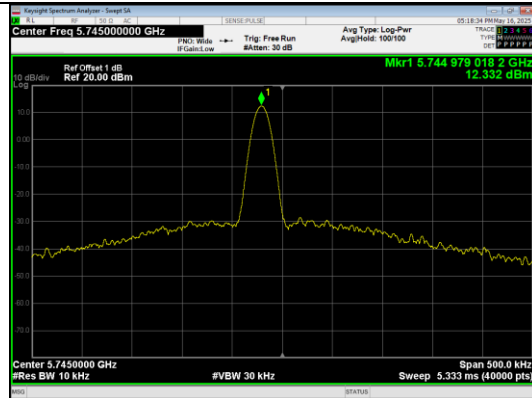
Test Result

Condition	Mode	Ch.	Antenna	Center Frequency (MHz)	Calculated Value of Center Frequency(MHz)	Result (ppm)	Limit (ppm)	State
NT/NV	IEEE 802.11a	149	0	5745.0	5744.979018	-3.65	Within authorized band	PASS
		157		5785.0	5784.977781	-3.84		PASS
		165		5825.0	5824.976868	-3.97		PASS
	IEEE 802.11n_20	149		5745.0	5744.976156	-4.15		PASS
		157		5785.0	5784.975793	-4.18		PASS
		165		5825.0	5824.975268	-4.25		PASS
	IEEE 802.11n_40	151		5755.0	5754.974718	-4.39		PASS
		159		5795.0	5794.974193	-4.45		PASS
	IEEE 802.11ac_20	149		5745.0	5744.974156	-4.5		PASS
		157		5785.0	5784.973768	-4.53		PASS
		165		5825.0	5824.973693	-4.52		PASS
	IEEE 802.11ac_40	151		5755.0	5754.975106	-4.33		PASS
		159		5795.0	5794.974593	-4.38		PASS
	IEEE 802.11ac_80	155		5775.0	5774.974506	-4.41		PASS

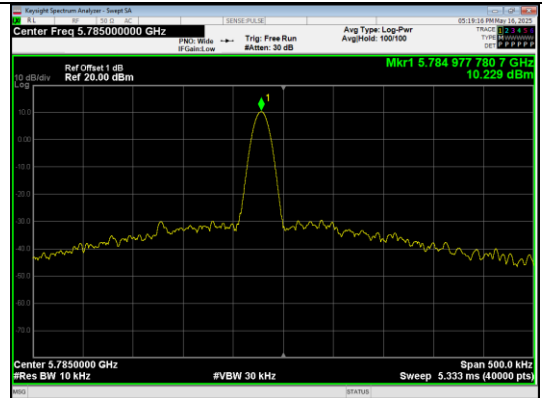
Test Graphs

NT/NV

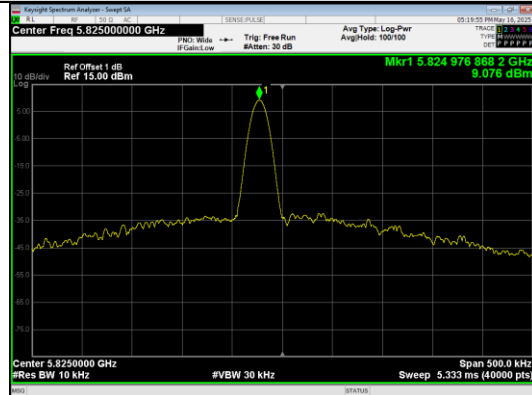
IEEE 802.11a



NT/NV_Antenna 0
IEEE 802.11a_Channel 149_20MHz



NT/NV_Antenna 0
IEEE 802.11a_Channel 157_20MHz

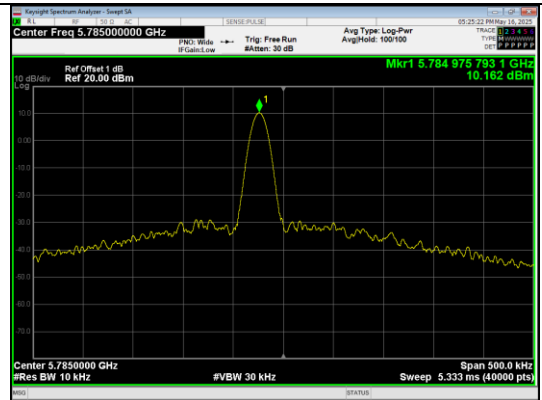


NT/NV_Antenna 0
IEEE 802.11a_Channel 165_20MHz

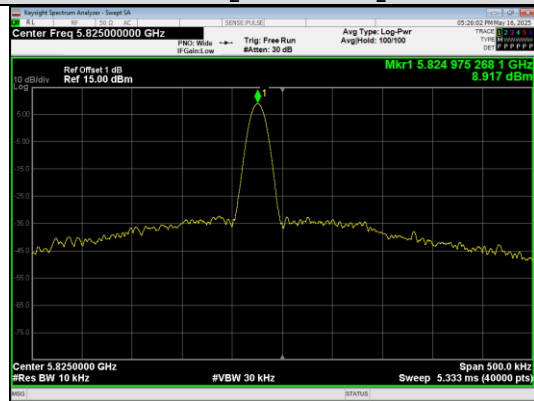
IEEE 802.11n_20



NT/NV_Antenna 0
IEEE 802.11n_Channel 149_20MHz

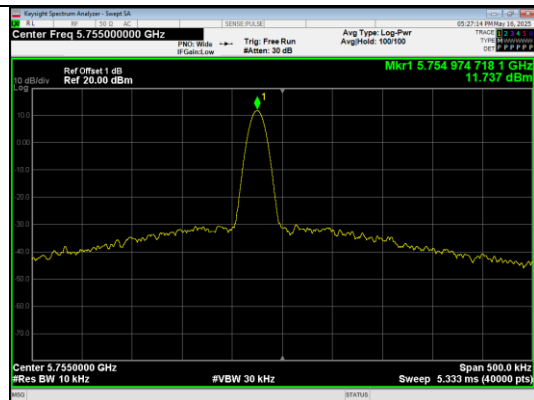


NT/NV_Antenna 0
IEEE 802.11n_Channel 157_20MHz

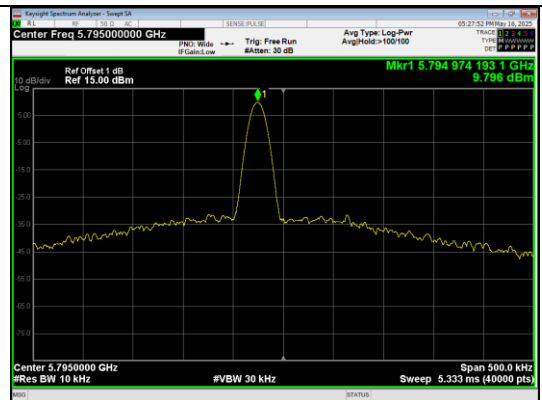


NT/NV_Antenna 0
IEEE 802.11n_Channel 165_20MHz

IEEE 802.11n_40

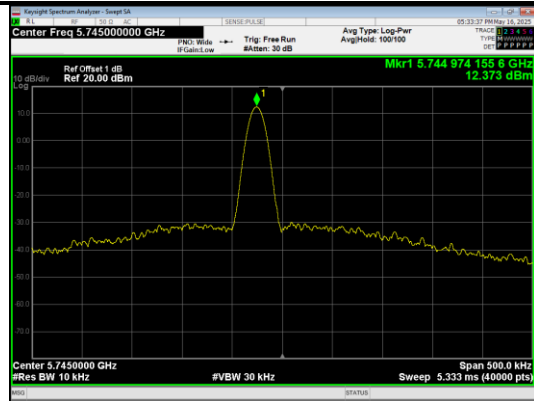


NT/NV_Antenna 0
IEEE 802.11n_Channel 151_40MHz

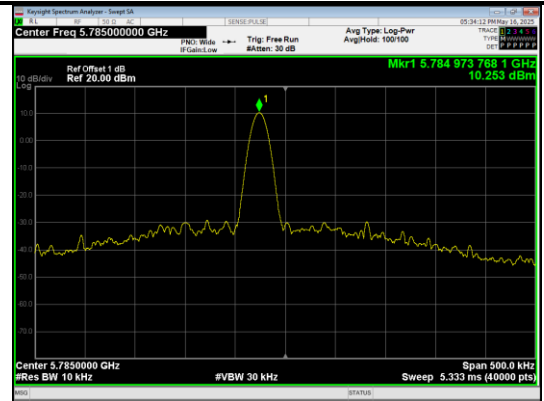


NT/NV_Antenna 0
IEEE 802.11n_Channel 159_40MHz

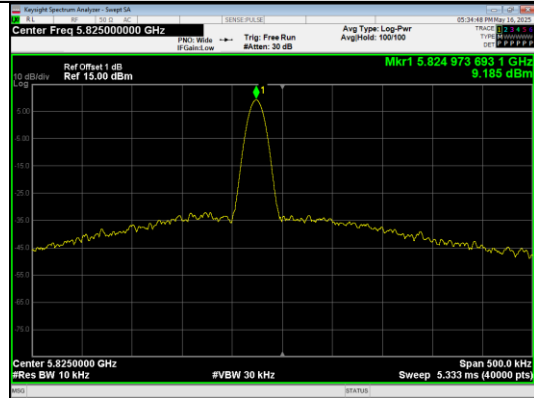
IEEE 802.11ac_20



NT/NV_Antenna 0
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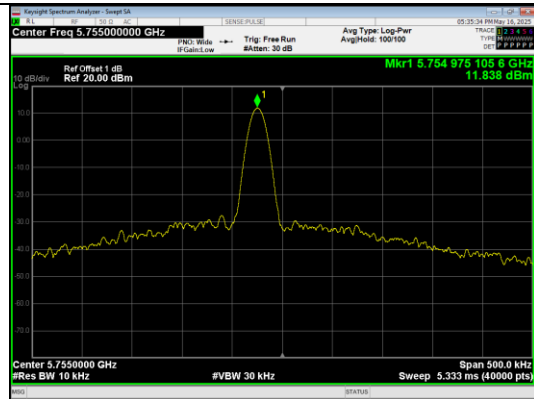


NT/NV_Antenna 0
IEEE 802.11ac_Channel 157_20MHz

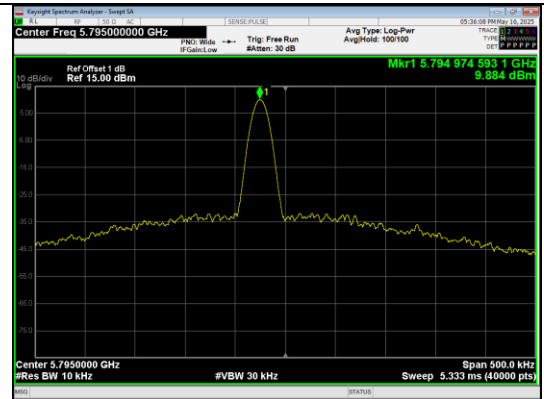


NT/NV_Antenna 0
IEEE 802.11ac_Channel 165_20MHz

IEEE 802.11ac_40

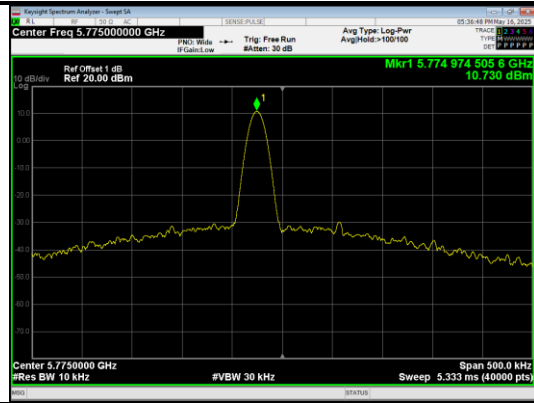


NT/NV_Antenna 0
IEEE 802.11ac_Channel 151_40MHz



NT/NV_Antenna 0
IEEE 802.11ac_Channel 159_40MHz

IEEE 802.11ac_80



NT/NV_Antenna 0
IEEE 802.11ac_Channel 155_80MHz

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