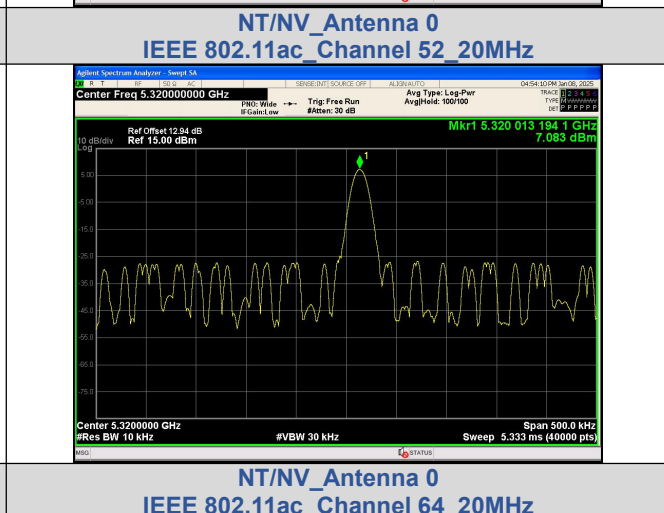
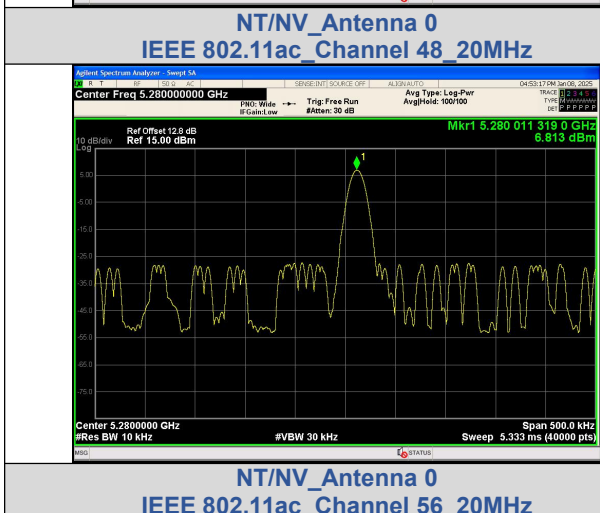
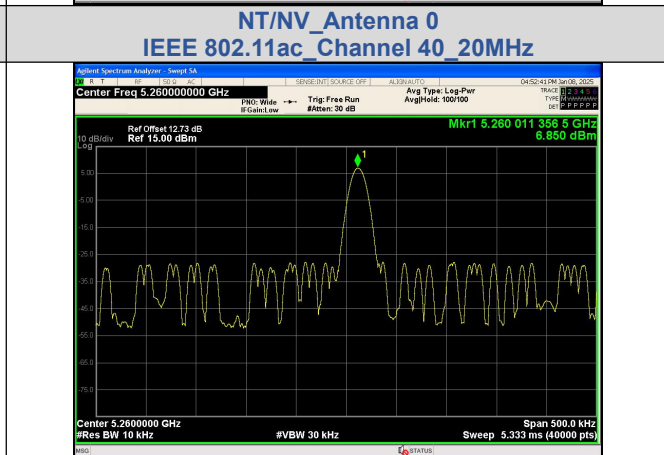
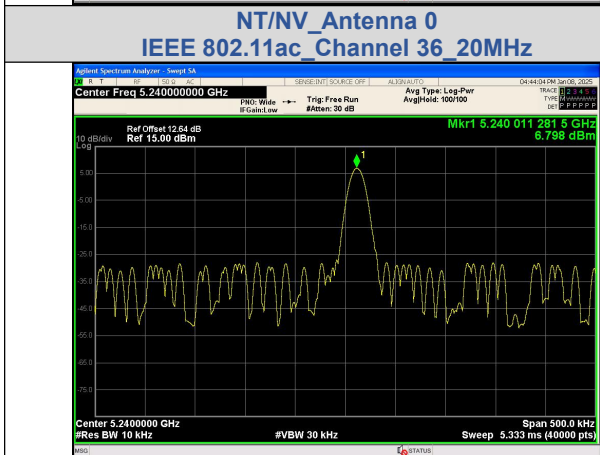
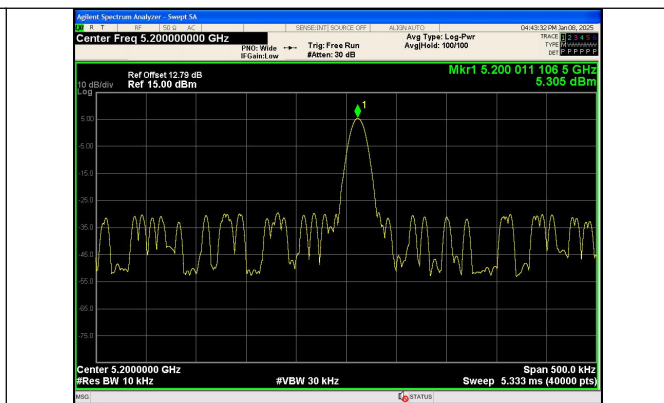
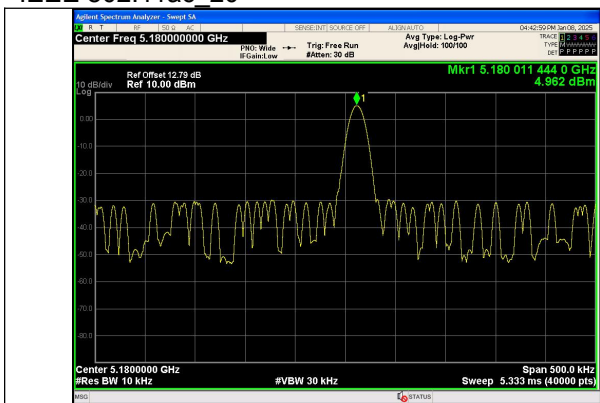
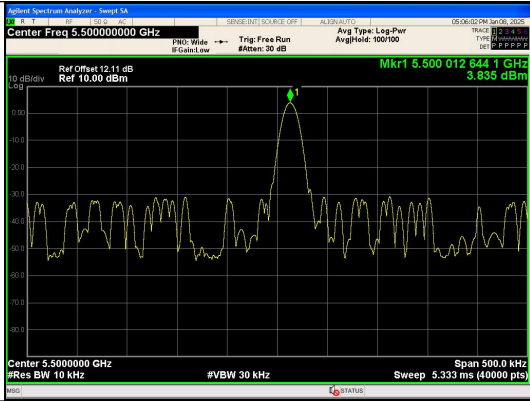
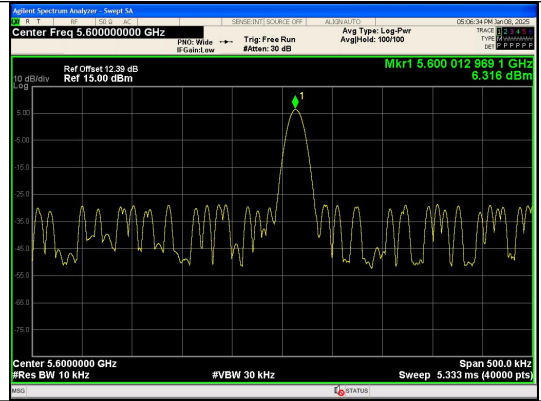


IEEE 802.11ac 20

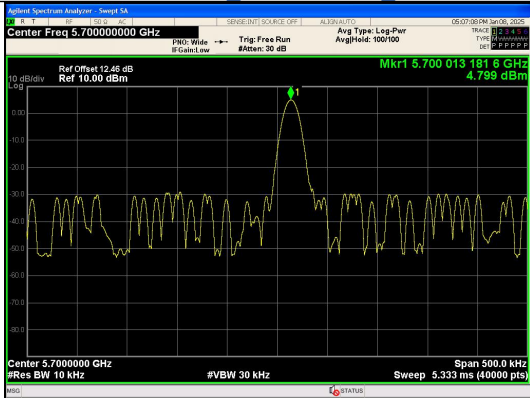




NT/NV_Antenna 0
IEEE 802.11ac_Channel 100_20MHz

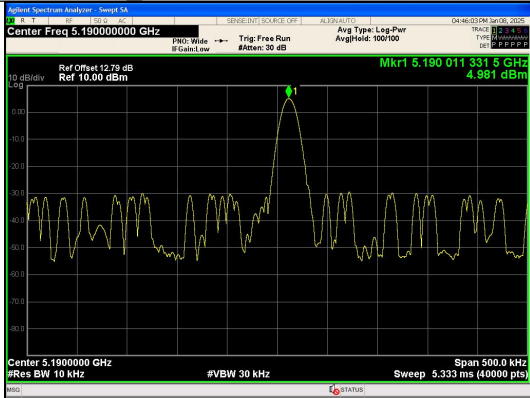


NT/NV_Antenna 0
IEEE 802.11ac_Channel 120_20MHz

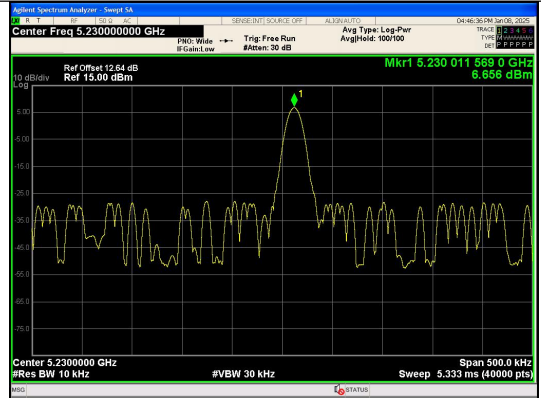


NT/NV_Antenna 0
IEEE 802.11ac_Channel 140_20MHz

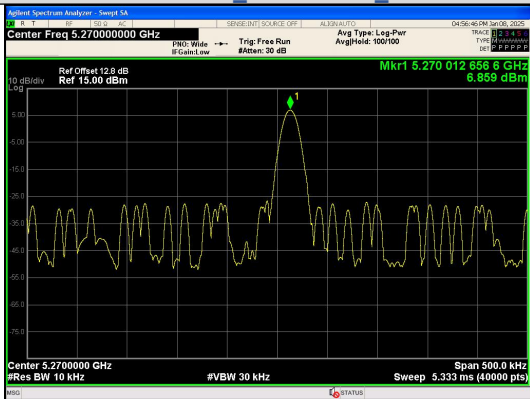
IEEE 802.11ac 40



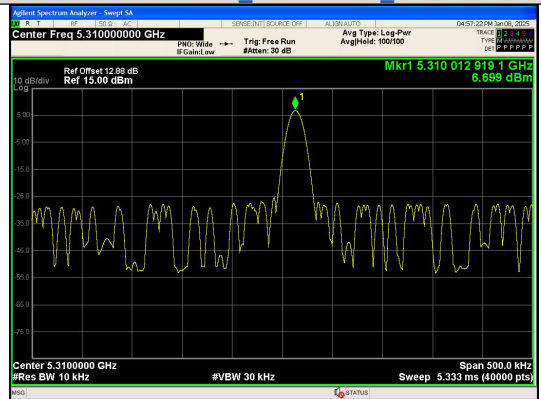
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IEEE 802.11ac_Channel 38_40MHz



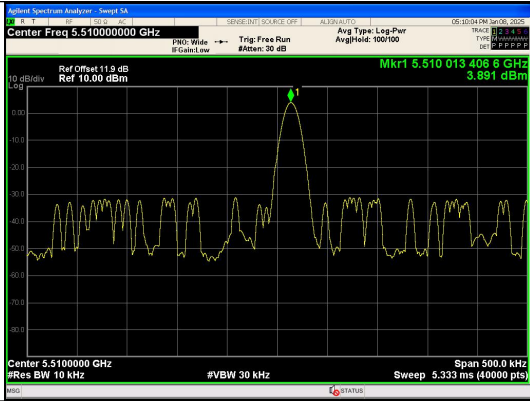
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IEEE 802.11ac_Channel 46_40MHz



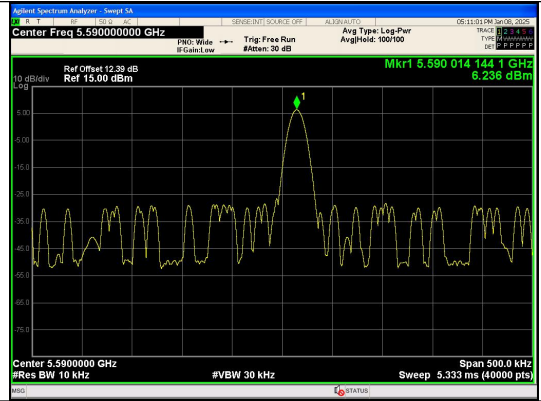
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IEEE 802.11ac_Channel 54_40MHz



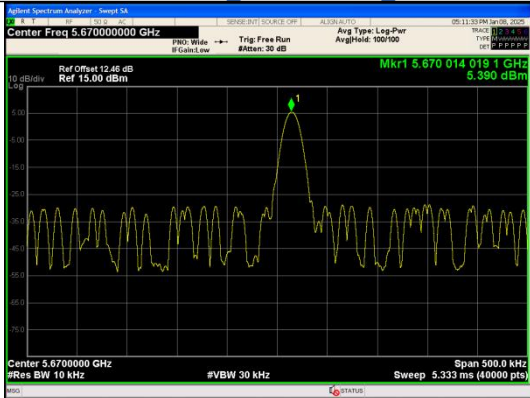
NT/NV_Antenna 0
IEEE 802.11ac_Channel 62_40MHz



NT/NV_Antenna 0
IEEE 802.11ac Channel 102 40MHz

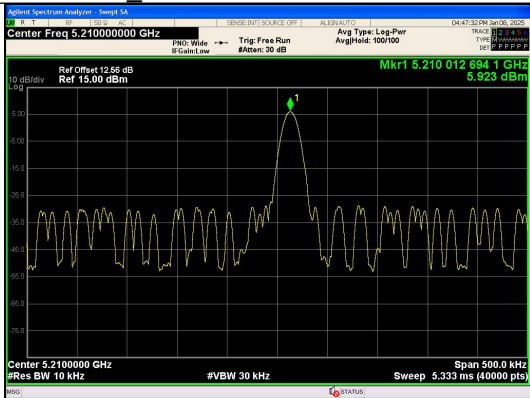


NT/NV_Antenna 0
IEEE 802.11ac Channel 118 40MHz

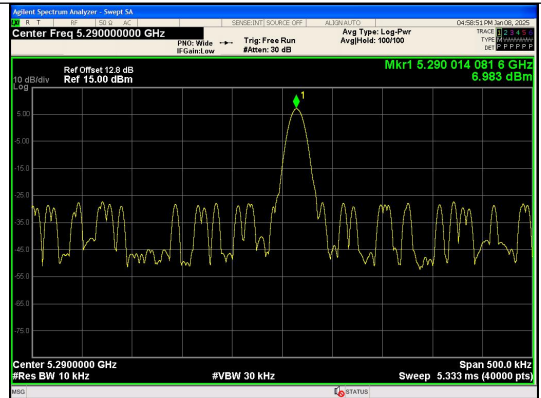


NT/NV_Antenna 0
IEEE 802.11ac Channel 134 40MHz

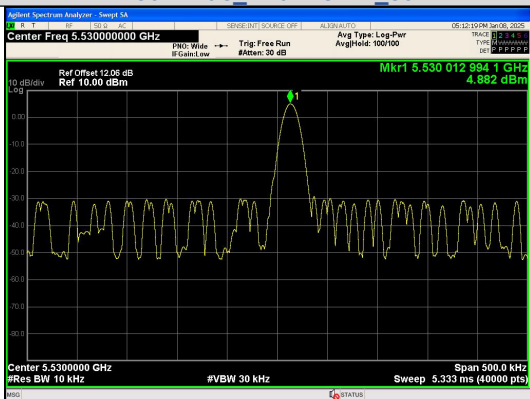
IEEE 802.11ac 80



NT/NV_Antenna 0
IEEE 802.11ac Channel 42 80MHz



NT/NV_Antenna 0
IEEE 802.11ac Channel 58 80MHz



NT/NV_Antenna 0
IEEE 802.11ac Channel 106 80MHz

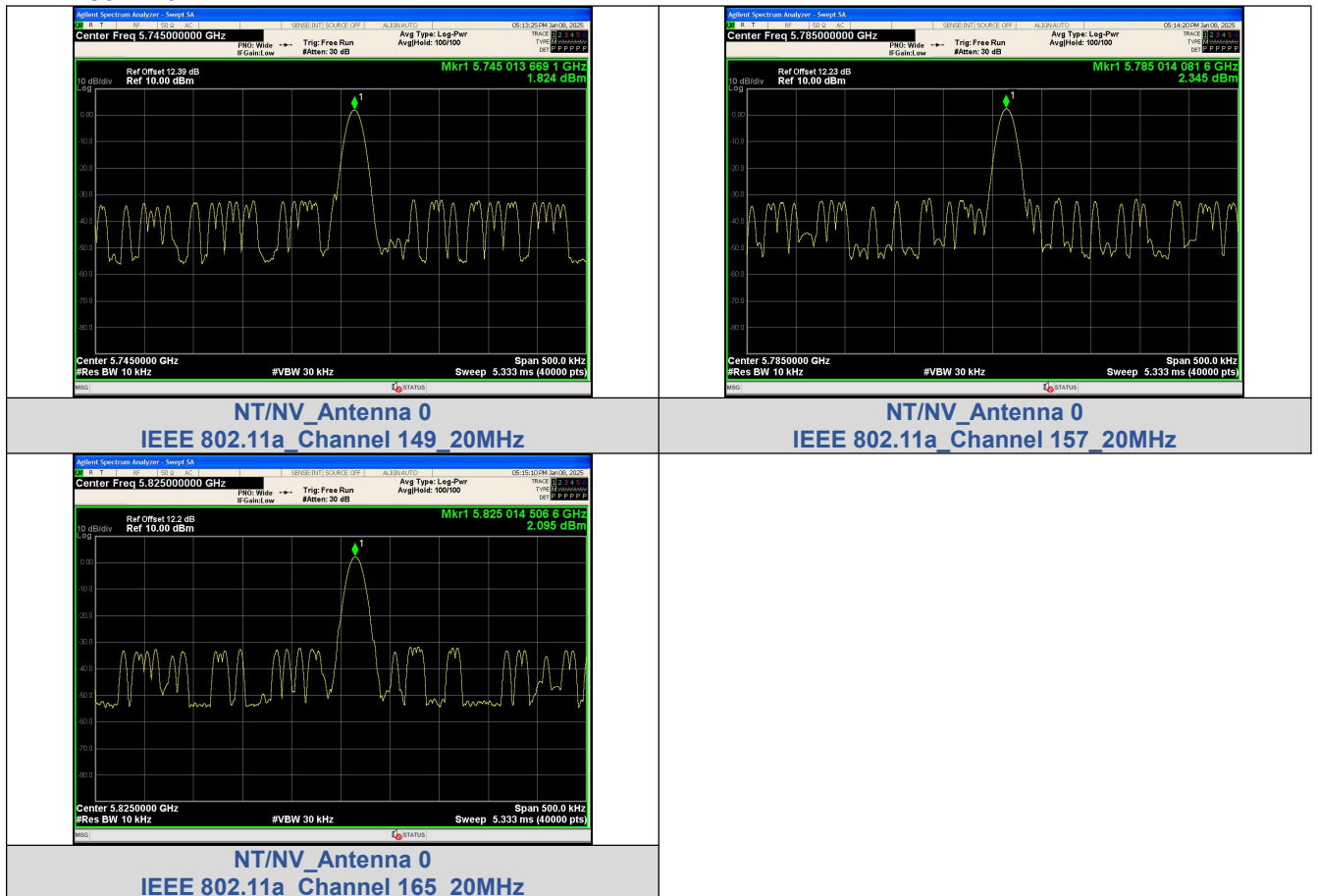
Test Result

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	5745.013669	2.38	Within authorized band	PASS
		157		5785.0	5785.014082	2.43		PASS
		165		5825.0	5825.014507	2.49		PASS
	IEEE 802.11n_20	149		5745.0	5745.013907	2.42		PASS
		157		5785.0	5785.014069	2.43		PASS
		165		5825.0	5825.014057	2.41		PASS
	IEEE 802.11n_40	151		5755.0	5755.013894	2.41		PASS
		159		5795.0	5795.014257	2.46		PASS
	IEEE 802.11ac_20	149		5745.0	5745.013619	2.37		PASS
		157		5785.0	5785.014032	2.43		PASS
		165		5825.0	5825.014932	2.56		PASS
	IEEE 802.11ac_40	151		5755.0	5755.014344	2.49		PASS
159		5795.0	5795.014994	2.59	PASS			
IEEE 802.11ac_80	155	5775.0	5775.014632	2.53	PASS			

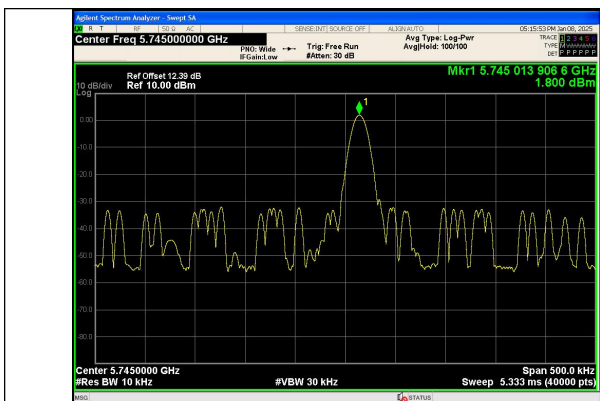
Test Graphs

NT/NV

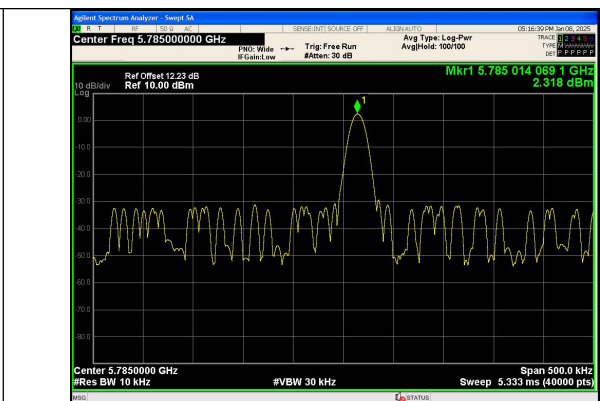
IEEE 802.11a



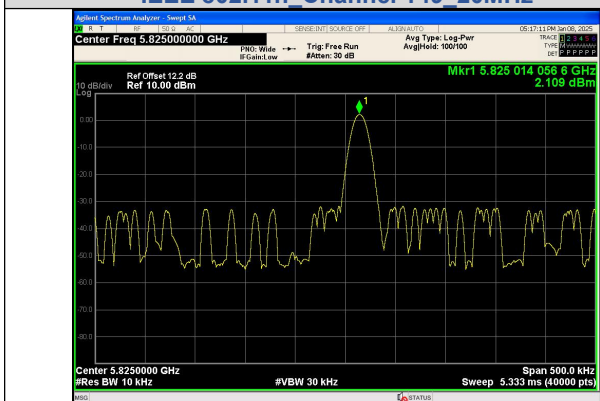
IEEE 802.11n_20



NT/NV_Antenna 0
IEEE 802.11n Channel 149 20MHz

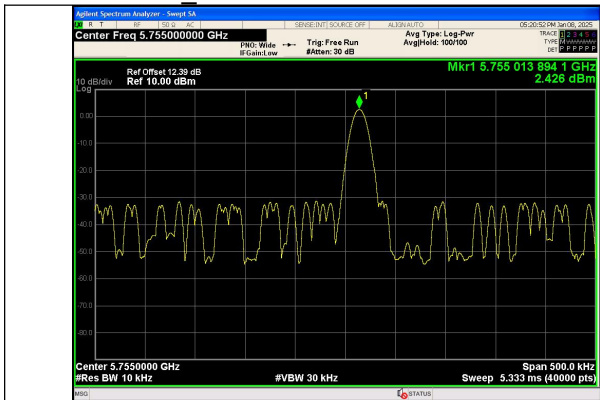


NT/NV_Antenna 0
IEEE 802.11n Channel 157 20MHz

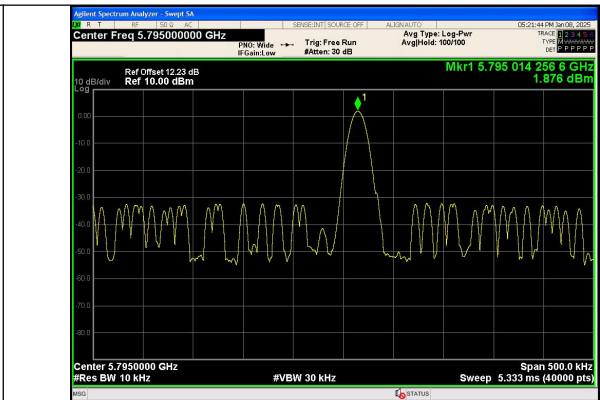


NT/NV_Antenna 0
IEEE 802.11n Channel 165 20MHz

IEEE 802.11n 40

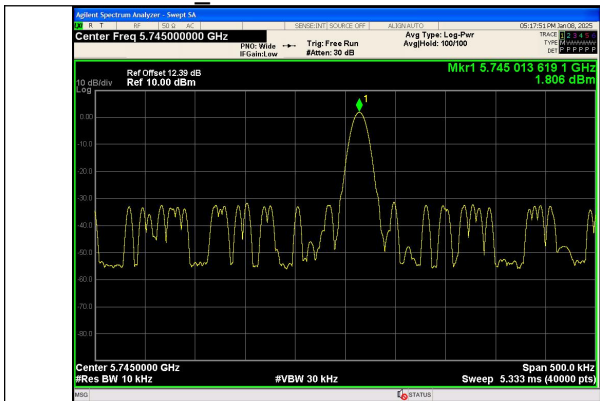


NT/NV_Antenna 0
IEEE 802.11n Channel 151 40MHz

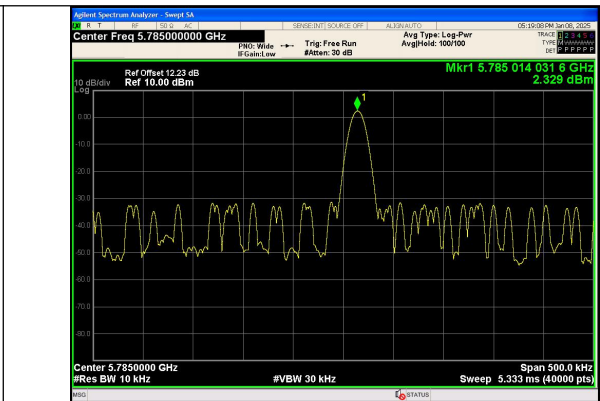


NT/NV_Antenna 0
IEEE 802.11n Channel 159 40MHz

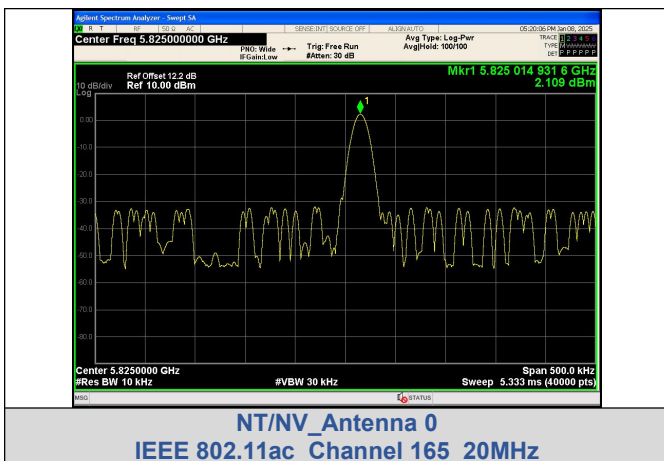
IEEE 802.11ac 20



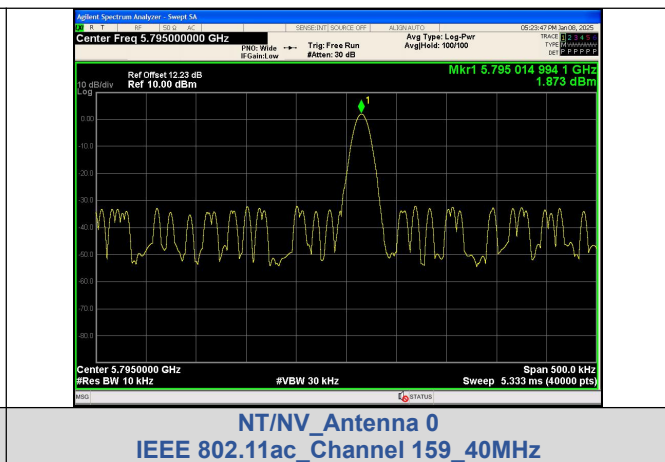
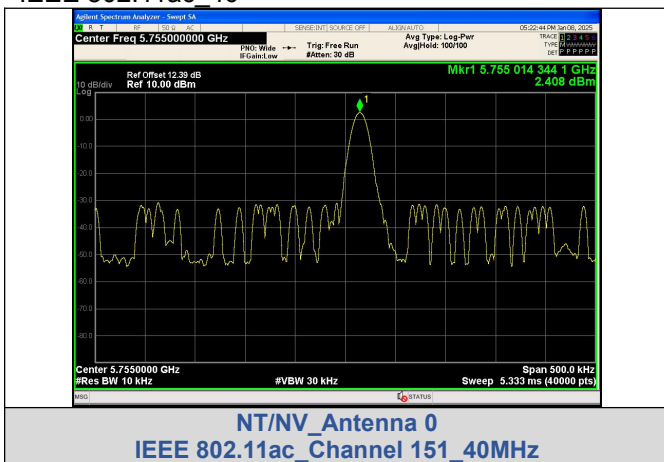
NT/NV_Antenna 0
IEEE 802.11ac Channel 149 20MHz



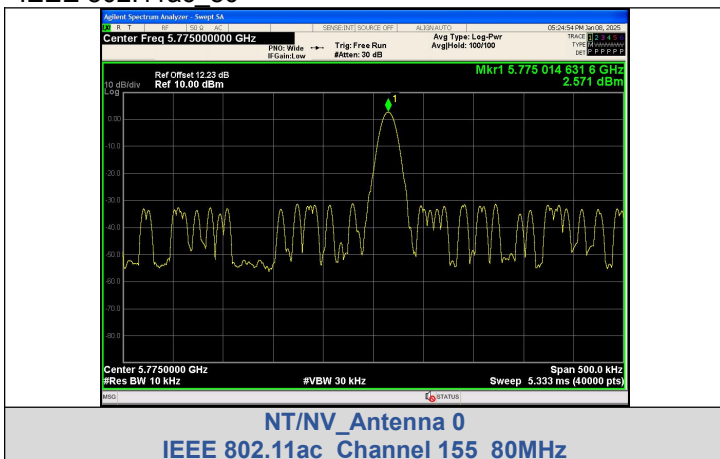
NT/NV_Antenna 0
IEEE 802.11ac Channel 157 20MHz



IEEE 802.11ac 40



IEEE 802.11ac 80



APPENDIX II. Conducted Output Power

Conducted output power

Mode	Channel	Ant. 0 (dBm)	Corr'd Value Ant. 0 (dBm)	Limit (dBm)	Result
IEEE 802.11a	36	10.172	21.91	≤24	PASS
	40	9.413	21.15	≤24	PASS
	48	11.246	22.99	≤24	PASS
	52	12.654	21.65	≤24	PASS
	56	10.493	22.23	≤24	PASS
	64	11.070	22.81	≤24	PASS
	100	9.127	20.87	≤24	PASS
	120	10.210	21.95	≤24	PASS
IEEE 802.11n_20	140	8.533	20.27	≤24	PASS
	36	9.592	21.97	≤24	PASS
	40	10.140	22.52	≤24	PASS
	48	11.465	23.85	≤24	PASS
	52	10.686	23.07	≤24	PASS
	56	10.205	22.59	≤24	PASS
	64	10.530	22.91	≤24	PASS
	100	8.956	21.34	≤24	PASS
IEEE 802.11n_40	120	10.517	22.9	≤24	PASS
	140	7.178	19.56	≤24	PASS
	38	8.703	22.99	≤24	PASS
	46	8.039	22.32	≤24	PASS
	54	8.028	22.31	≤24	PASS
	62	8.310	22.59	≤24	PASS
	102	6.904	21.19	≤24	PASS
IEEE 802.11ac_20	118	7.675	21.96	≤24	PASS
	134	6.929	21.21	≤24	PASS
	36	9.420	22.19	≤24	PASS
	40	9.845	22.61	≤24	PASS
	48	10.679	23.44	≤24	PASS
	52	10.307	23.07	≤24	PASS
	56	9.674	22.44	≤24	PASS
	64	9.872	22.64	≤24	PASS
IEEE 802.11ac_40	100	8.703	21.47	≤24	PASS
	120	9.741	22.51	≤24	PASS
	140	7.193	19.96	≤24	PASS
	38	8.510	23.14	≤24	PASS
	46	9.360	23.99	≤24	PASS
	54	7.536	22.17	≤24	PASS
	62	7.646	22.28	≤24	PASS
IEEE 802.11ac_80	102	6.639	21.27	≤24	PASS
	118	8.372	23.01	≤24	PASS
	134	6.431	21.07	≤24	PASS
	42	8.229	20.22	≤24	PASS
	58	11.885	20.41	≤24	PASS
	106	5.811	21.61	≤24	PASS

Conducted output power

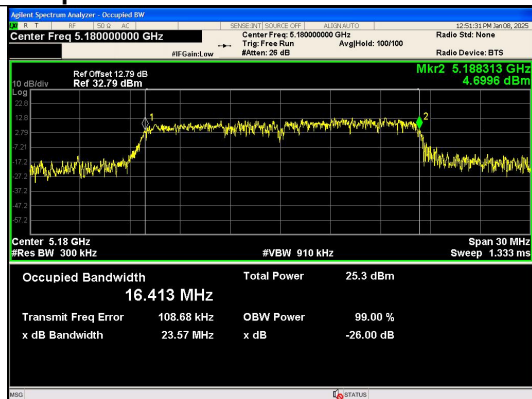
Mode	Channel	Ant. 0 (dBm)	Corr'd Value Ant. 0 (dBm)	Limit (dBm)	Result
IEEE 802.11a	149	9.438	21.18	≤30	PASS
	157	9.705	21.44	≤30	PASS
	165	9.781	21.52	≤30	PASS
IEEE 802.11n_20	149	9.021	21.4	≤30	PASS
	157	9.671	22.05	≤30	PASS
	165	8.796	21.18	≤30	PASS
IEEE 802.11n_40	151	7.698	21.98	≤30	PASS
	159	7.074	21.36	≤30	PASS
IEEE 802.11ac_20	149	8.646	21.41	≤30	PASS
	157	8.954	21.72	≤30	PASS
	165	8.801	21.57	≤30	PASS
IEEE 802.11ac_40	151	7.294	21.93	≤30	PASS
	159	7.674	22.31	≤30	PASS
IEEE 802.11ac_80	155	5.854	21.65	≤30	PASS

APPENDIX III. 99% Bandwidth

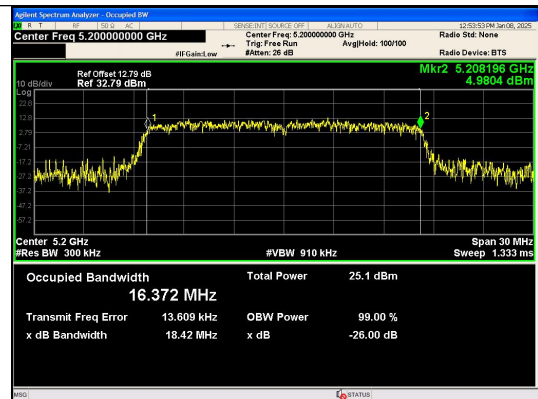
Test Result

Mode	Channel	Ant.	Center Frequency (MHz)	99% BW (MHz)
IEEE 802.11a	36	0	5180	16.413
	40		5200	16.372
	48		5240	16.425
	52		5260	16.389
	56		5280	16.544
	64		5320	16.505
	100		5500	16.459
	120		5600	16.338
IEEE 802.11n_20	140		5700	16.522
	36		5180	17.628
	40		5200	17.727
	48		5240	17.615
	52		5260	17.641
	56		5280	17.671
	64		5320	17.554
	100		5500	17.499
IEEE 802.11n_40	120		5600	17.406
	140		5700	17.731
	38		5190	36.242
	46		5230	36.430
	54		5270	35.833
	62		5310	36.151
	102		5510	36.192
	118		5590	36.326
IEEE 802.11ac_20	134		5670	36.248
	36		5180	17.631
	40		5200	17.590
	48		5240	17.678
	52	5260	17.717	
	56	5280	17.678	
	64	5320	17.597	
	100	5500	17.626	
IEEE 802.11ac_40	120	5600	17.603	
	140	5700	17.585	
	38	5190	36.377	
	46	5230	36.374	
	54	5270	36.199	
	62	5310	36.276	
	102	5510	36.327	
	118	5590	36.254	
IEEE 802.11ac_80	134	5670	36.184	
	42	5210	75.983	
	58	5290	75.495	
	106	5530	75.331	

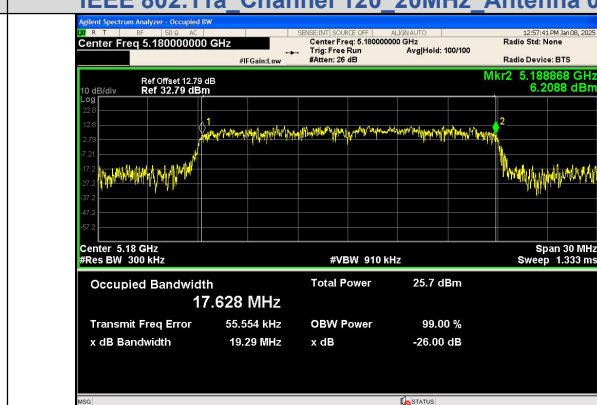
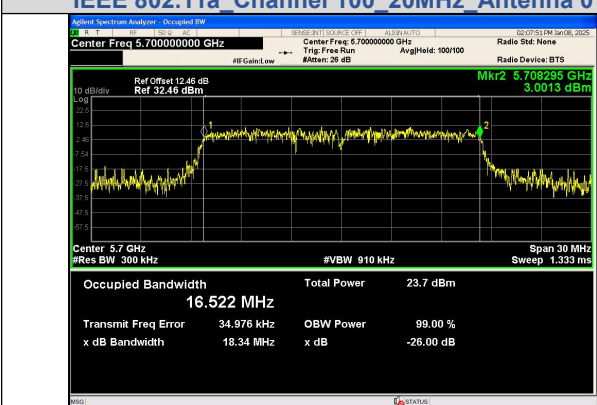
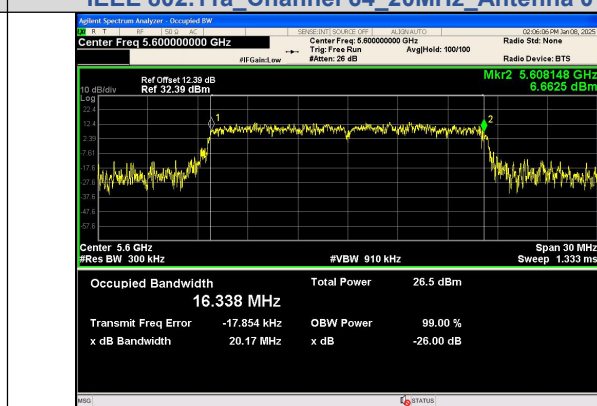
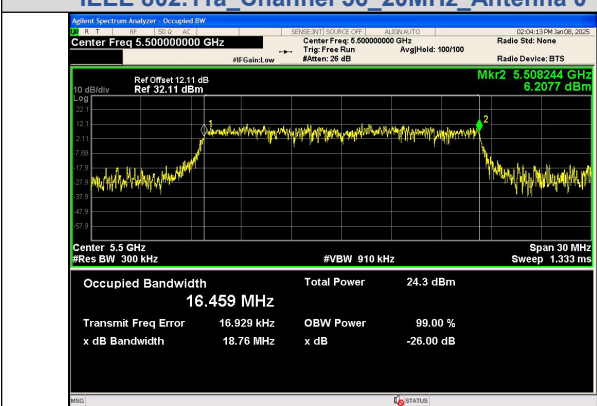
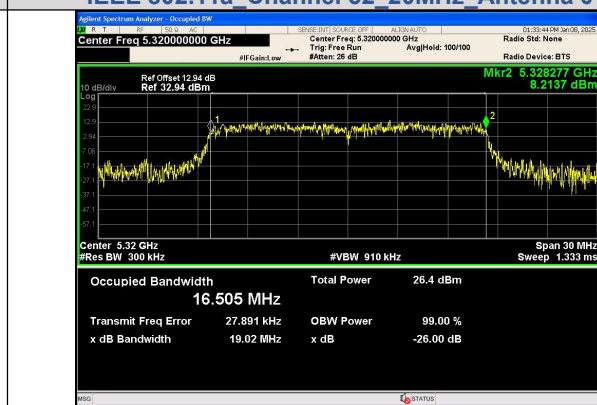
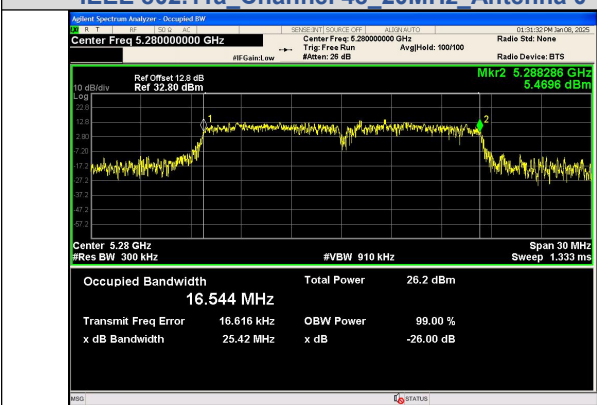
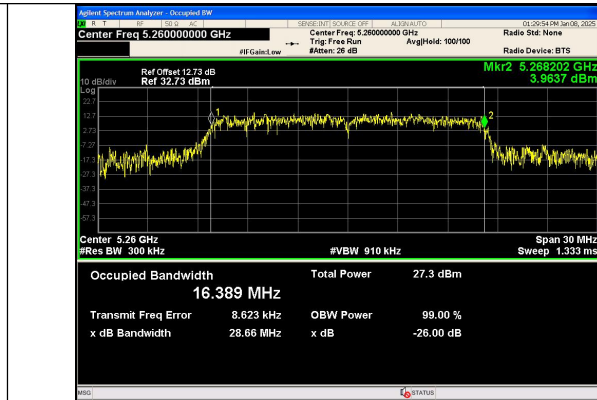
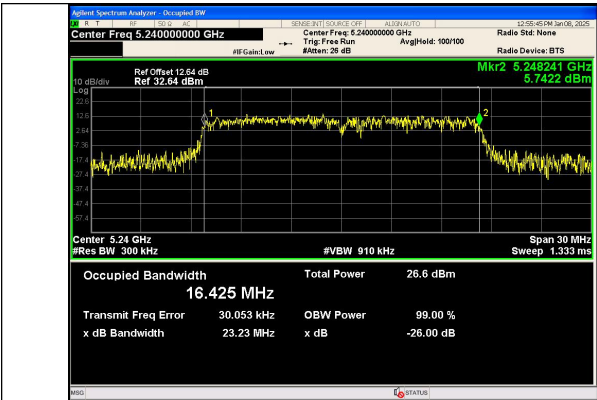
Test Graphs



IEEE 802.11a_Channel 36_20MHz_Antenna 0



IEEE 802.11a_Channel 40_20MHz_Antenna 0



IEEE 802.11a Channel 140 20MHz Antenna 0

IEEE 802.11n Channel 36 20MHz Antenna 0