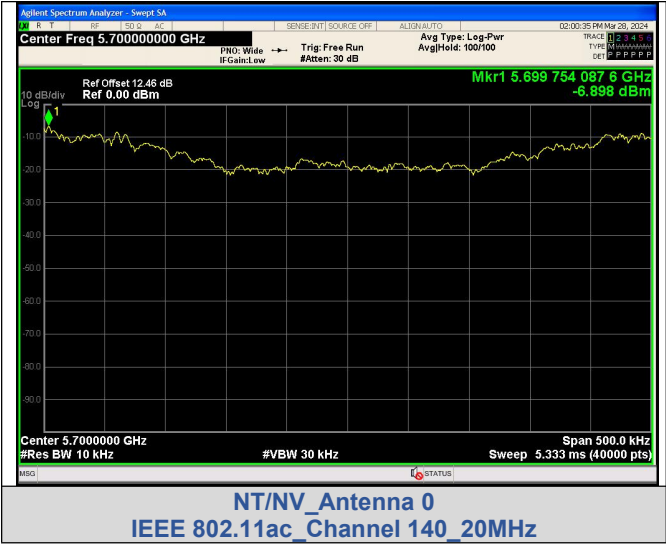
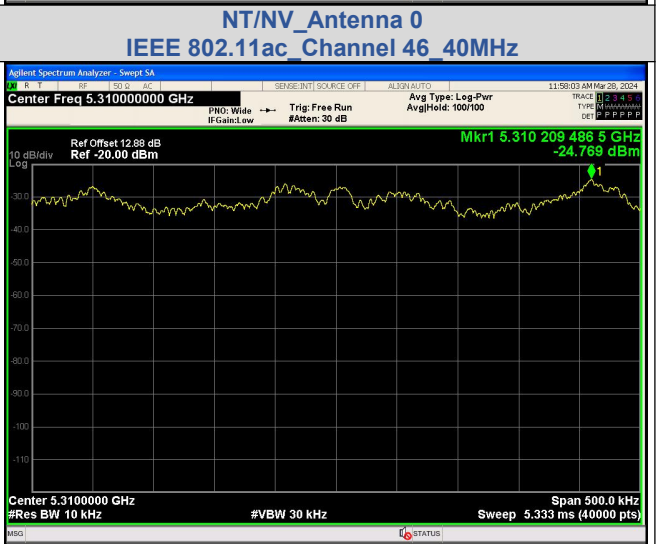
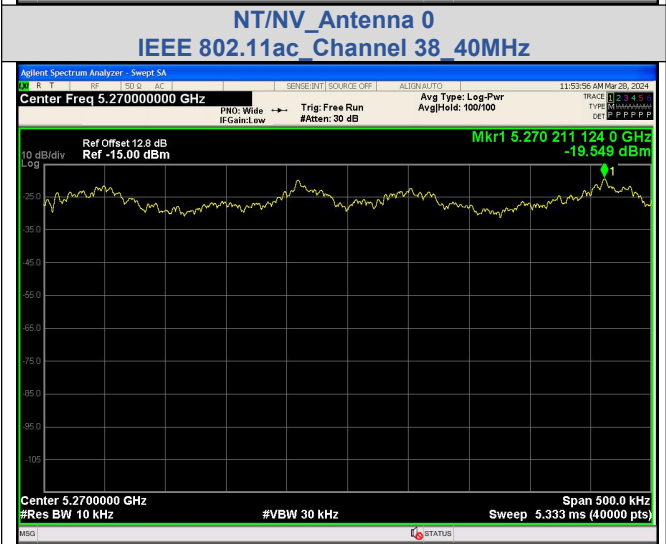




IEEE 802.11ac 40





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	5744.772451	-39.61	Within authorized band	PASS
		157		5785.0	5784.770526	-39.67		PASS
		165		5825.0	5824.770501	-39.4		PASS
	IEEE 802.11n_20	149		5745.0	5744.755725	-42.52		PASS
		157		5785.0	5784.756300	-42.13		PASS
		165		5825.0	5824.757663	-41.6		PASS
	IEEE 802.11n_40	151		5755.0	5755.207124	35.99		PASS
		159		5795.0	5795.207736	35.85		PASS
		149		5745.0	5744.751163	-43.31		PASS
	IEEE 802.11ac_20	157		5785.0	5784.754038	-42.52		PASS
		165		5825.0	5824.755125	-42.04		PASS
		151		5755.0	5754.959093	-7.11		PASS
	IEEE 802.11ac_40	159		5795.0	5795.208886	36.05		PASS
		155		5775.0	5775.224687	38.91		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
IEEE 802.11ac_Channel 149_20MHz



NT/NV_Antenna 0
IEEE 802.11ac_Channel 157_20MHz



NT/NV_Antenna 0
IEEE 802.11ac_Channel 165_20MHz

IEEE 802.11ac_40

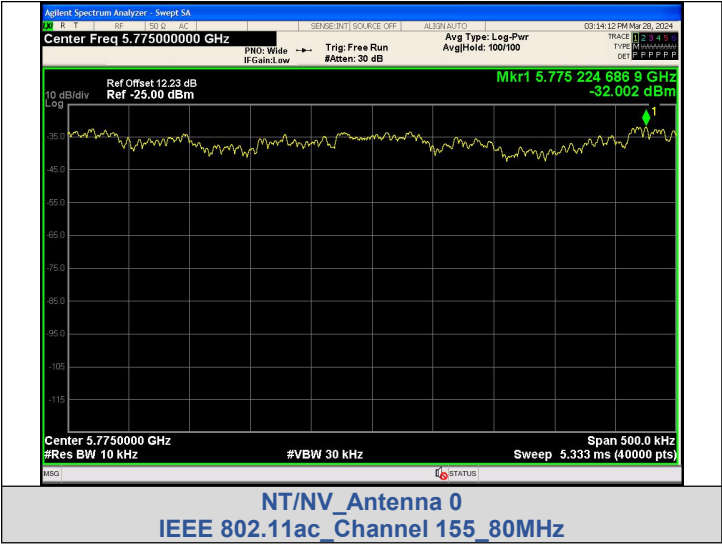


NT/NV_Antenna 0
IEEE 802.11ac_Channel 151_40MHz



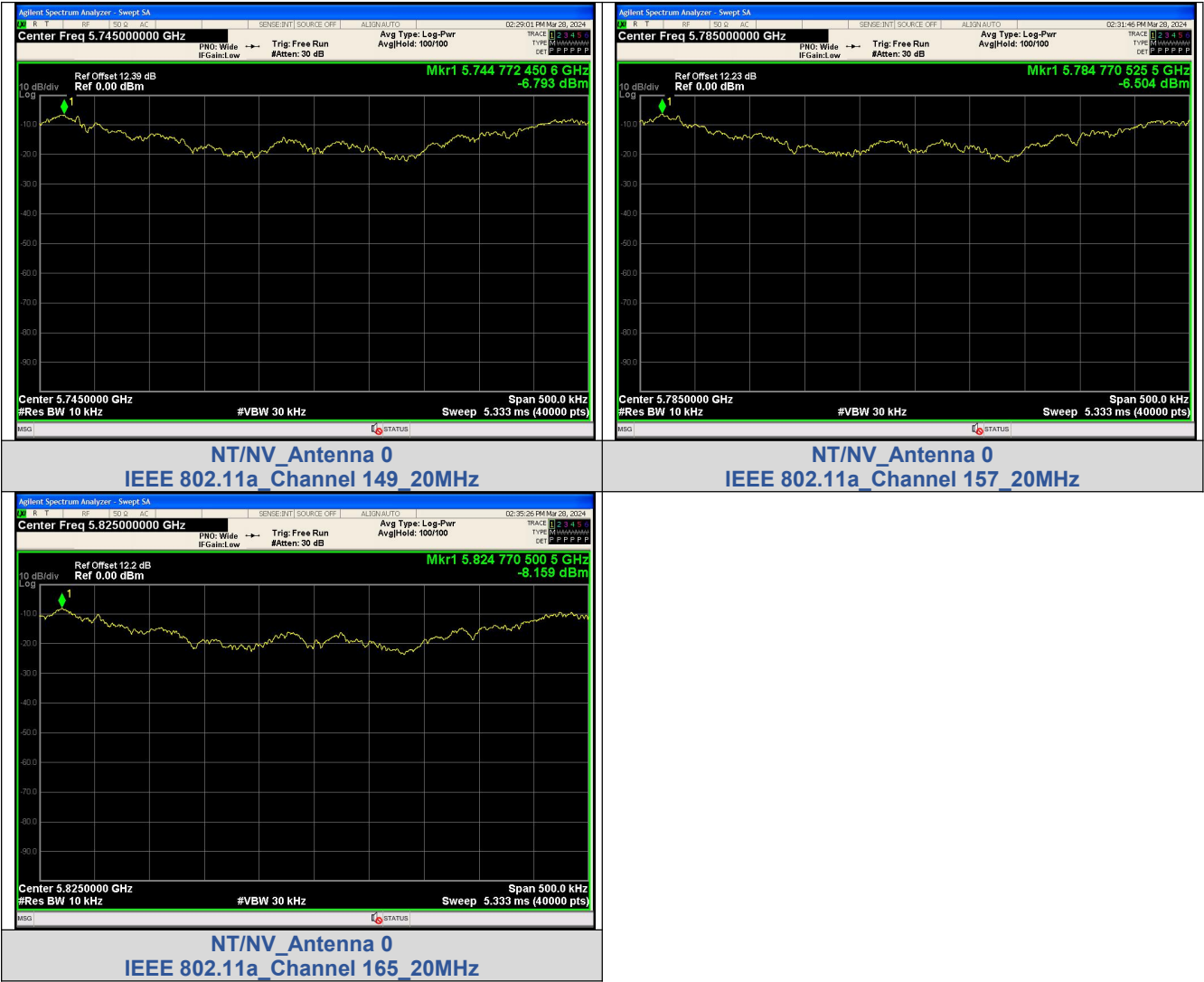
NT/NV_Antenna 0
IEEE 802.11ac_Channel 159_40MHz

IEEE 802.11ac_80



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	5744.772451	-39.61	Within authorized band	PASS
		157		5785.0	5784.770526	-39.67		PASS
		165		5825.0	5824.770501	-39.4		PASS
	IEEE 802.11n_20	149		5745.0	5744.755725	-42.52		PASS
		157		5785.0	5784.756300	-42.13		PASS
		165		5825.0	5824.757663	-41.6		PASS
	IEEE 802.11n_40	151		5755.0	5755.207124	35.99		PASS
		159		5795.0	5795.207736	35.85		PASS
	IEEE 802.11ac_20	149		5745.0	5744.751163	-43.31		PASS
		157		5785.0	5784.754038	-42.52		PASS
		165		5825.0	5824.755125	-42.04		PASS
	IEEE 802.11ac_40	151		5755.0	5754.959093	-7.11		PASS
		159		5795.0	5795.208886	36.05		PASS
	IEEE 802.11ac_80	155		5775.0	5775.224687	38.91		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



NT/NV_Antenna 0
IEEE 802.11ac_Channel 165_20MHz

IEEE 802.11ac_40

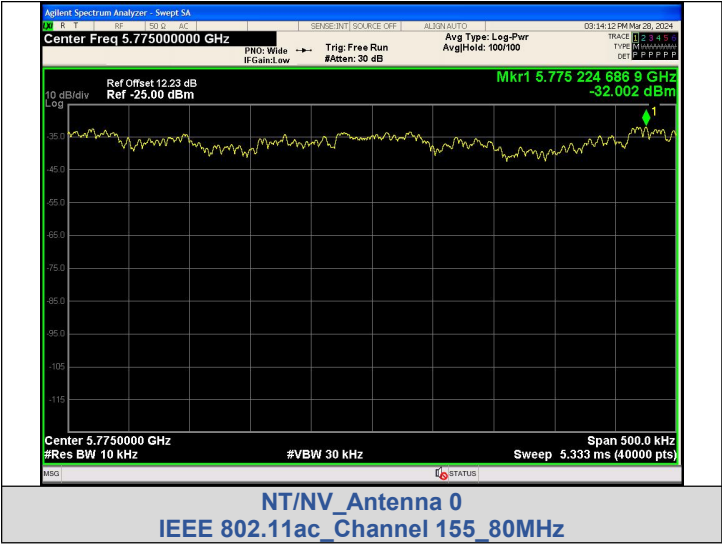


NT/NV_Antenna 0
IEEE 802.11ac_Channel 151_40MHz



NT/NV_Antenna 0
IEEE 802.11ac_Channel 159_40MHz

IEEE 802.11ac_80



APPENDIX II. Conducted Peak Output Power

Mode	Channel	Ant. 0 (dBm)	Corr'd Value Ant. 0 (dBm)	Limit (dBm)	Result
IEEE 802.11a	36	9.967	12.15	24	PASS
	40	10.200	12.38	24	PASS
	48	11.986	14.17	24	PASS
	52	11.912	14.1	24	PASS
	56	11.914	14.1	24	PASS
	64	11.122	13.31	24	PASS
	100	11.308	13.49	24	PASS
	120	12.082	14.27	24	PASS
IEEE 802.11n_20	140	11.824	14.01	24	PASS
	36	9.660	12.24	24	PASS
	40	9.842	12.42	24	PASS
	48	11.350	13.93	24	PASS
	52	11.631	14.21	24	PASS
	56	11.587	14.17	24	PASS
	64	10.681	13.26	24	PASS
	100	10.880	13.46	24	PASS
IEEE 802.11n_40	120	11.736	14.32	24	PASS
	140	11.460	14.04	24	PASS
	38	3.487	8.18	24	PASS
	46	8.813	13.5	24	PASS
	54	9.751	14.44	24	PASS
	62	4.582	9.27	24	PASS
	102	4.559	9.25	24	PASS
	118	9.230	13.92	24	PASS
IEEE 802.11ac_20	134	9.167	13.86	24	PASS
	36	9.681	12.02	24	PASS
	40	9.978	12.32	24	PASS
	48	11.563	13.91	24	PASS
	52	11.792	14.33	24	PASS
	56	11.679	14.21	24	PASS
	64	10.758	13.29	24	PASS
	100	11.199	13.73	24	PASS
IEEE 802.11ac_40	120	11.788	14.32	24	PASS
	140	11.525	14.06	24	PASS
	38	3.546	7.86	24	PASS
	46	9.047	13.36	24	PASS
	54	9.715	14.42	24	PASS
	62	4.742	9.45	24	PASS
	102	4.811	9.52	24	PASS
	118	9.455	14.16	24	PASS
IEEE 802.11ac_80	134	9.372	14.08	24	PASS
	42	0.424	6.43	24	PASS
	58	1.575	7.66	24	PASS
IEEE 802.11ac_80	106	1.296	7.38	24	PASS

ISED EIRP

Mode	Channel	Ant. 0 (dBm)	Limit (dBm)	Result
IEEE 802.11a	36	12.15	23.01	PASS
	40	12.38	23.01	PASS
	48	14.17	23.01	PASS
	52	14.1	27	PASS
	56	14.1	27	PASS
	64	13.31	27	PASS
	100	13.49	27	PASS
	120	14.27	27	PASS
	140	14.01	27	PASS
IEEE 802.11n_20	36	12.24	23.01	PASS

	40	12.42	23.01	PASS
	48	13.93	23.01	PASS
	52	14.21	27	PASS
	56	14.17	27	PASS
	64	13.26	27	PASS
	100	13.46	27	PASS
	120	14.32	27	PASS
IEEE 802.11n_40	140	14.04	27	PASS
	38	8.18	23.01	PASS
	46	13.5	23.01	PASS
	54	14.44	27	PASS
	62	9.27	27	PASS
	102	9.25	27	PASS
	118	13.92	27	PASS
IEEE 802.11ac_20	134	13.86	27	PASS
	36	12.02	23.01	PASS
	40	12.32	23.01	PASS
	48	13.91	23.01	PASS
	52	14.33	27	PASS
	56	14.21	27	PASS
	64	13.29	27	PASS
IEEE 802.11ac_40	100	13.73	27	PASS
	120	14.32	27	PASS
	140	14.06	27	PASS
	38	7.86	23.01	PASS
	46	13.36	23.01	PASS
	54	14.42	27	PASS
	62	9.45	27	PASS
IEEE 802.11ac_80	102	9.52	27	PASS
	118	14.16	27	PASS
	134	14.08	27	PASS
	42	6.43	23.01	PASS
	58	7.66	27	PASS
	106	7.38	27	PASS

Mode	Channel	Ant. 0 (dBm)	Corr'd Value Ant. 0 (dBm)	Limit (dBm)	Result
IEEE 802.11a	149	12.488	14.68	30	PASS
	157	12.325	14.51	30	PASS
	165	10.910	13.1	30	PASS
IEEE 802.11n_20	149	12.051	14.63	30	PASS
	157	11.899	14.48	30	PASS
	165	10.475	13.05	30	PASS
IEEE 802.11n_40	151	10.008	14.71	30	PASS
	159	5.411	10.11	30	PASS
IEEE 802.11ac_20	149	12.145	14.62	30	PASS
	157	12.048	14.52	30	PASS
	165	10.536	13.01	30	PASS
IEEE 802.11ac_40	151	10.179	14.53	30	PASS
	159	5.559	9.91	30	PASS
IEEE 802.11ac_80	155	2.181	8.10	30	PASS

ISED EIRP

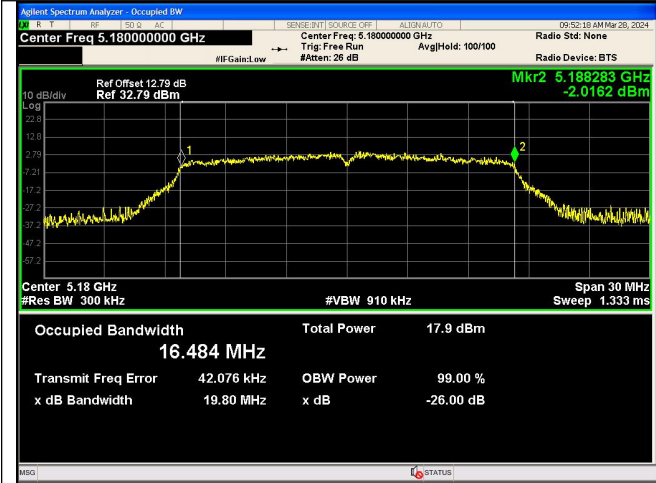
Mode	Channel	Ant. 0 (dBm)	Limit (dBm)	Result
IEEE 802.11a	149	14.68	36.02	PASS
	157	14.51	36.02	PASS
	165	13.1	36.02	PASS
IEEE 802.11n_20	149	14.63	36.02	PASS
	157	14.48	36.02	PASS
	165	13.05	36.02	PASS
IEEE 802.11n_40	151	14.71	36.02	PASS
	159	10.11	36.02	PASS
IEEE 802.11ac_20	149	14.62	36.02	PASS
	157	14.52	36.02	PASS
	165	13.01	36.02	PASS
IEEE 802.11ac_40	151	14.53	36.02	PASS
	159	9.91	36.02	PASS
IEEE 802.11ac_80	155	8.10	36.02	PASS

APPENDIX III.99% Bandwidth

Test Result

Mode	Channel	Ant.	99% BW (MHz)
IEEE 802.11a	36	0	16.484
	40		16.435
	48		16.464
	52		16.412
	56		16.460
	64		16.456
	100		16.475
	120		16.480
	140		16.474
IEEE 802.11n_20	36		17.634
	40		17.544
	48		17.540
	52		17.605
	56		17.570
	64		17.580
	100		17.578
	120		17.605
IEEE 802.11n_40	140		17.590
	38		35.937
	46		35.856
	54		35.915
	62		36.008
	102		35.945
IEEE 802.11ac_20	118		35.943
	134		35.906
	36		17.577
	40		17.572
	48		17.561
	52		17.536
	56		17.588
	64		17.606
IEEE 802.11ac_40	100		17.557
	120		17.568
	140		17.577
	38		35.954
	46		35.892
	54		35.901
	62		35.992
IEEE 802.11ac_80	102		35.962
	118		35.910
	134		35.898
	42		75.148
IEEE 802.11ac_80	58		75.468
	106		75.246

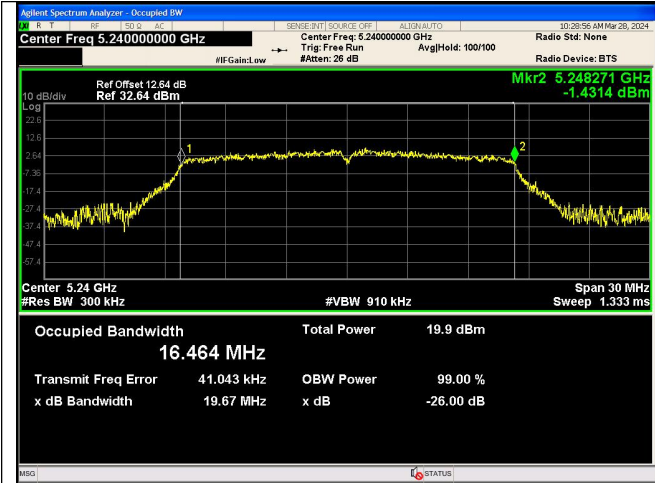
Test Graphs



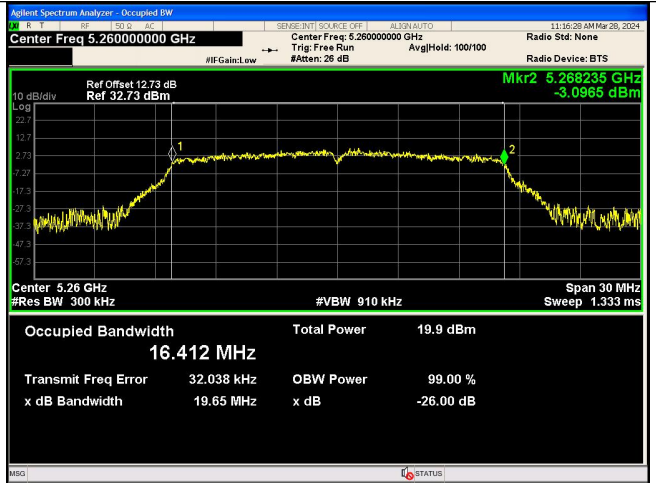
IEEE 802.11a Channel 36 20MHz Antenna 0



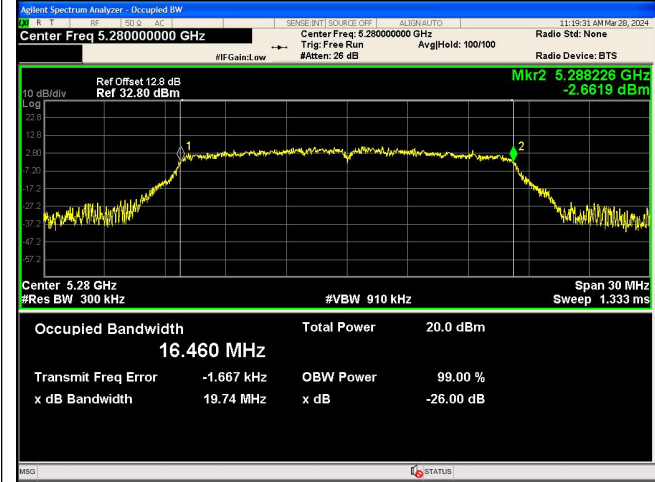
IEEE 802.11a Channel 40 20MHz Antenna 0



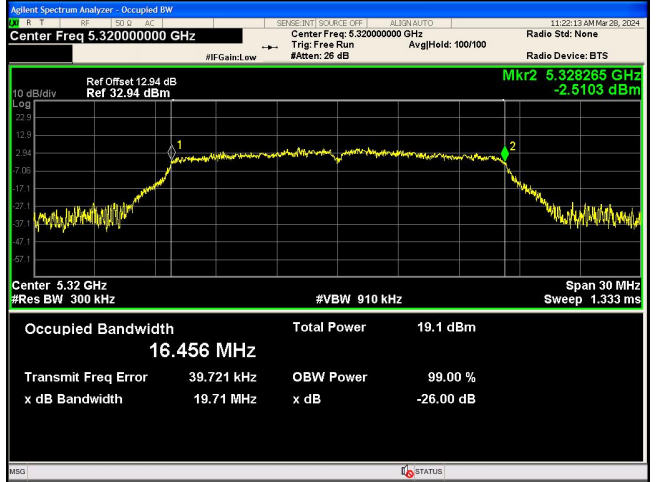
IEEE 802.11a Channel 48 20MHz Antenna 0



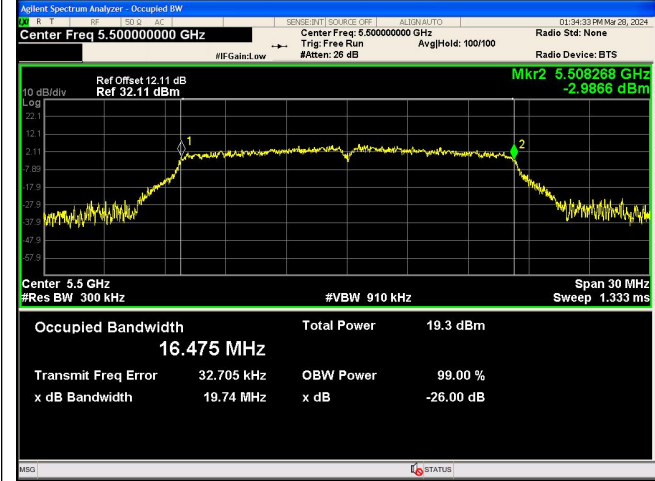
IEEE 802.11a Channel 52 20MHz Antenna 0



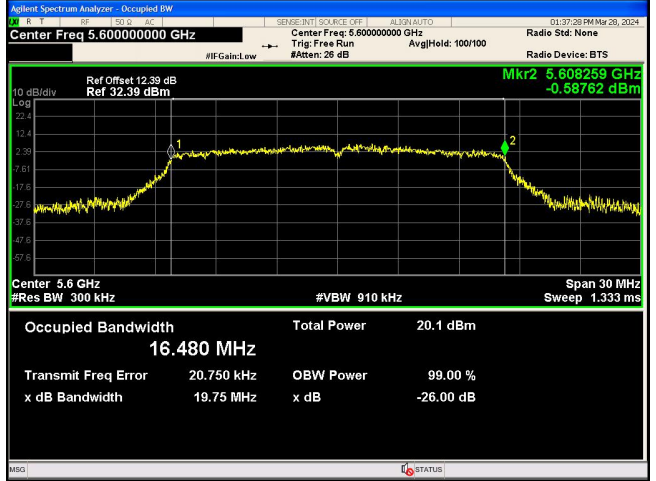
IEEE 802.11a Channel 56 20MHz Antenna 0



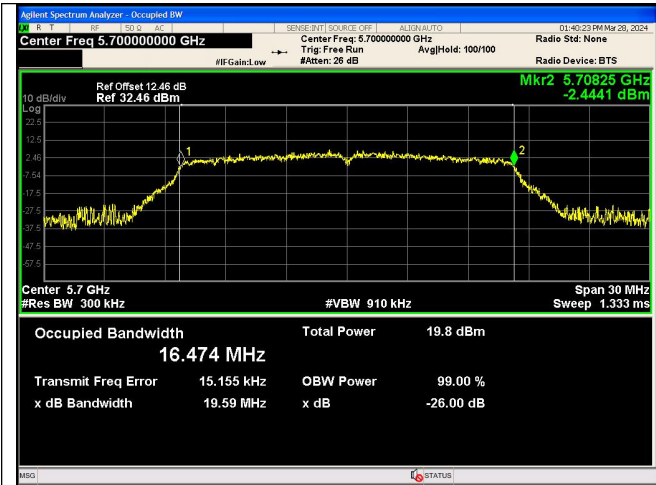
IEEE 802.11a Channel 64 20MHz Antenna 0



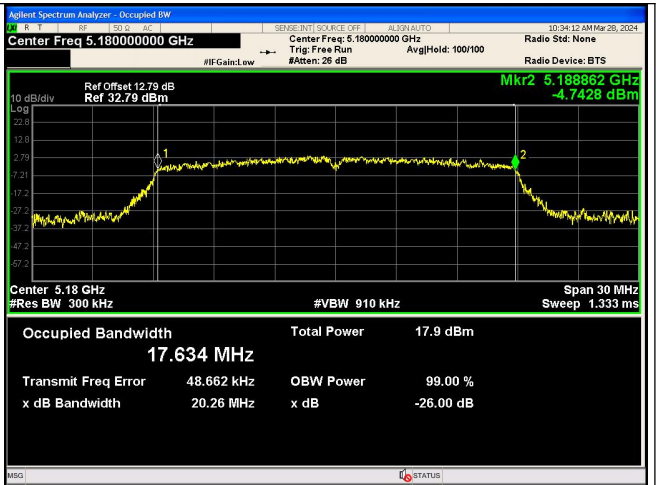
IEEE 802.11a Channel 100 20MHz Antenna 0



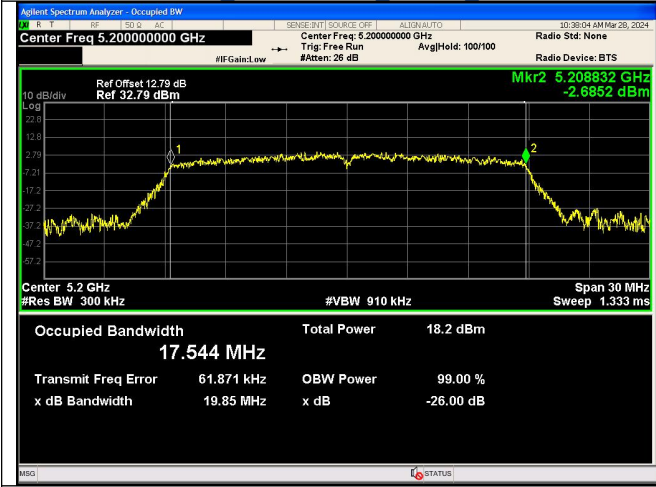
IEEE 802.11a Channel 120 20MHz Antenna 0



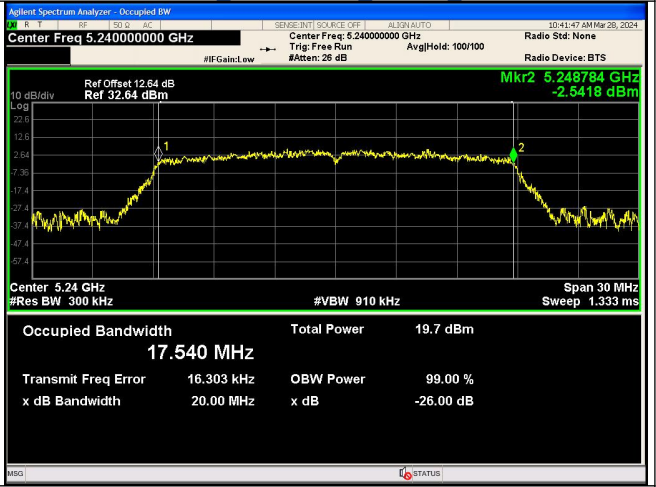
IEEE 802.11a Channel 140 20MHz Antenna 0



IEEE 802.11n Channel 36 20MHz Antenna 0



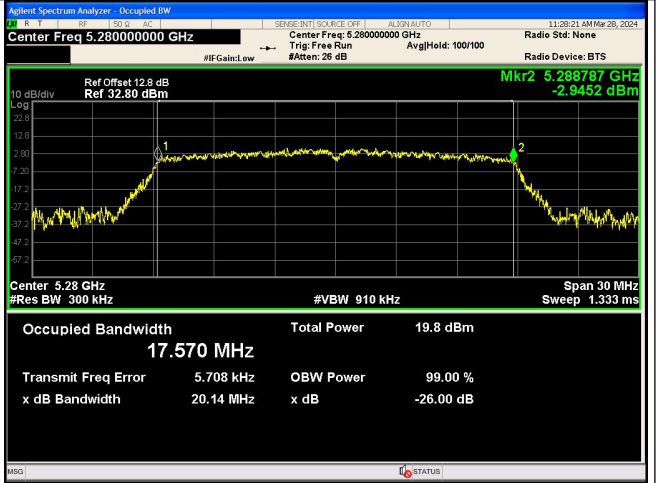
IEEE 802.11n Channel 40 20MHz Antenna 0



IEEE 802.11n Channel 48 20MHz Antenna 0



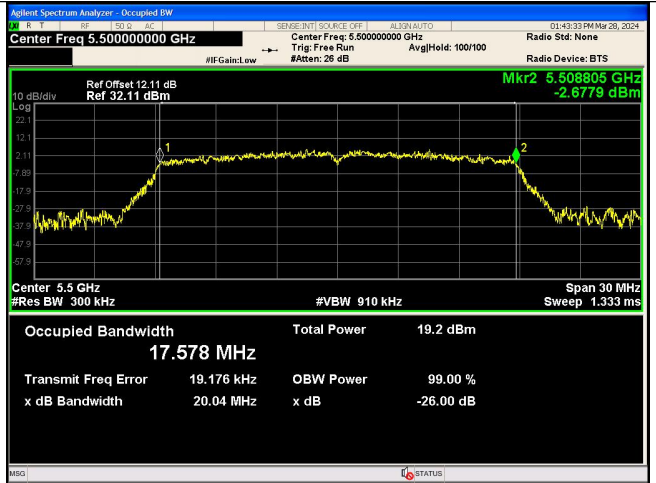
IEEE 802.11n Channel 52 20MHz Antenna 0



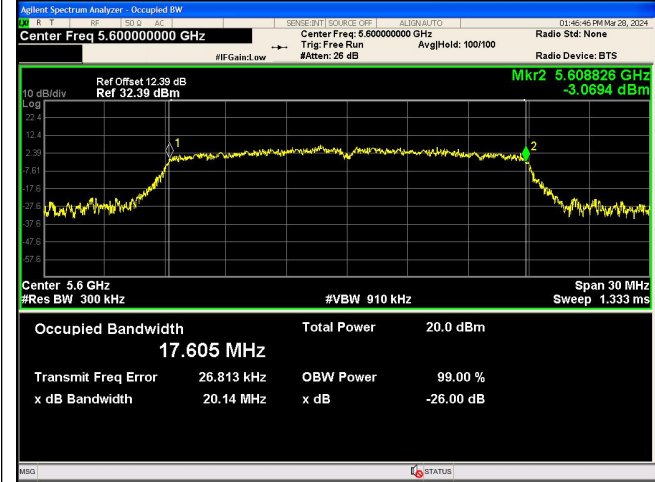
IEEE 802.11n Channel 56 20MHz Antenna 0



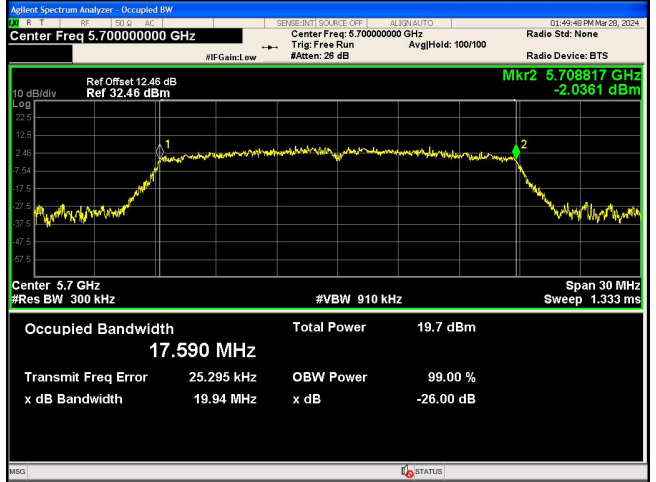
IEEE 802.11n Channel 64 20MHz Antenna 0



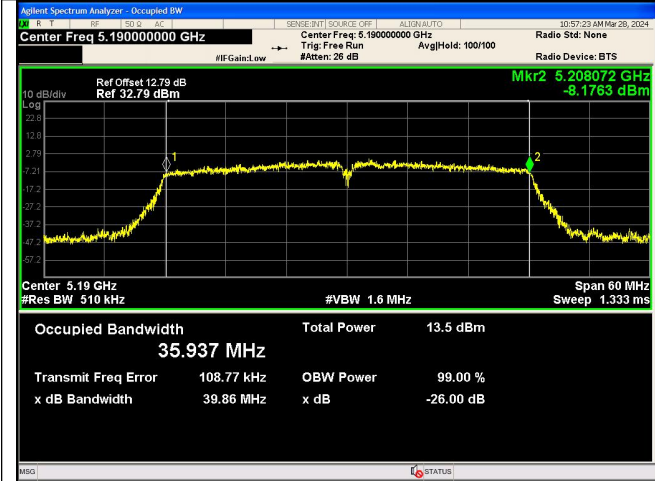
IEEE 802.11n Channel 100 20MHz Antenna 0



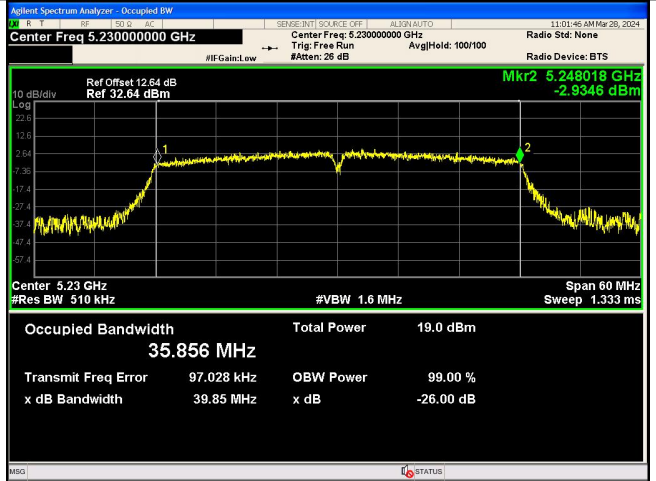
IEEE 802.11n Channel 120 20MHz Antenna 0



IEEE 802.11n Channel 140 20MHz Antenna 0



IEEE 802.11n Channel 38 40MHz Antenna 0



IEEE 802.11n Channel 46 40MHz Antenna 0