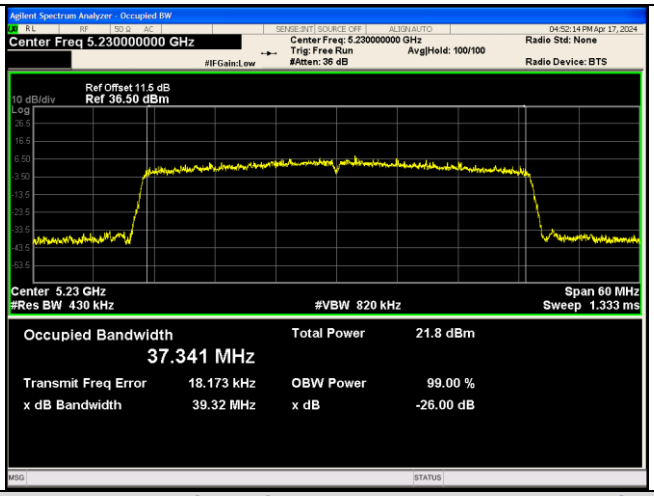
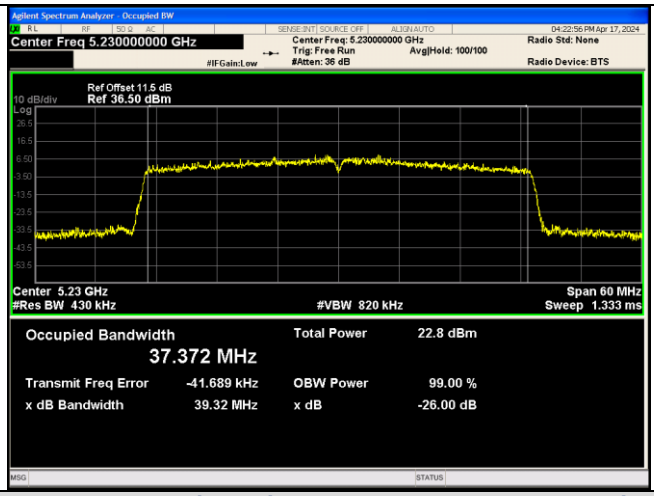
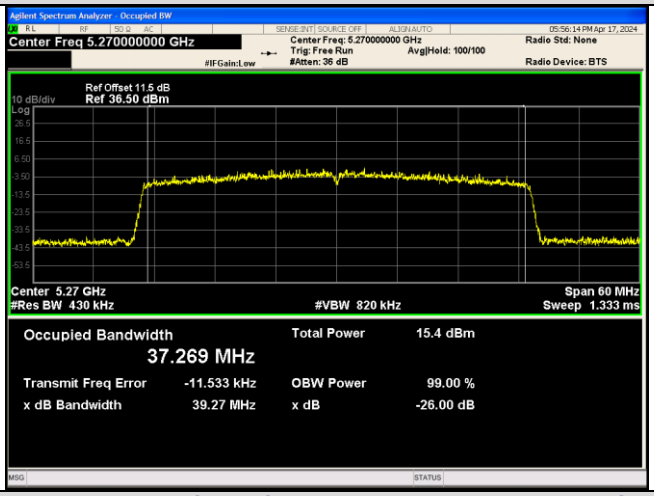


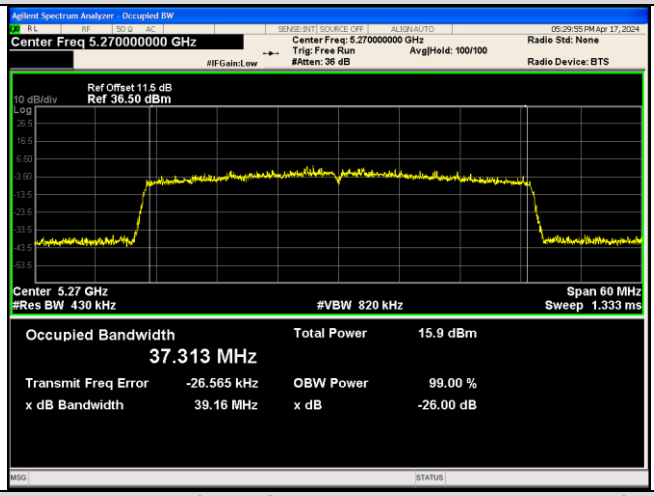
IEEE 802.11ax_Channel 46_40MHz_Antenna 2_RU&Index SU



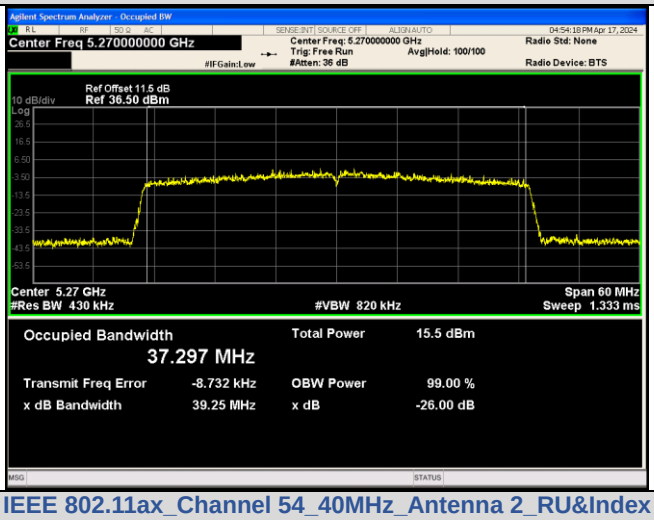
IEEE 802.11ax_Channel 46_40MHz_Antenna 3_RU&Index SU



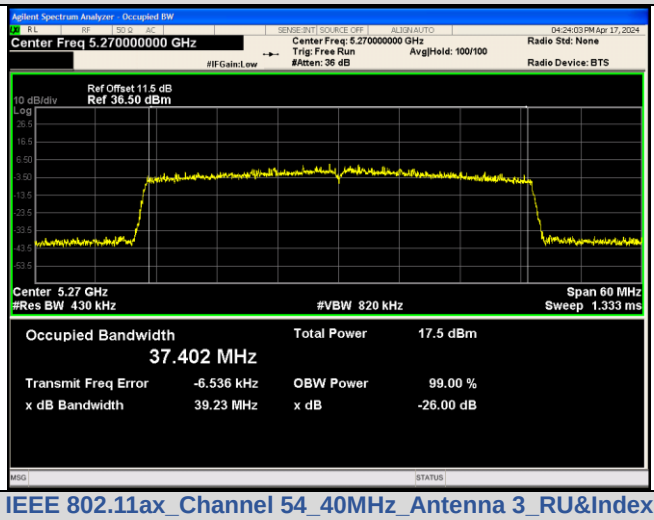
IEEE 802.11ax_Channel 54_40MHz_Antenna 0_RU&Index SU



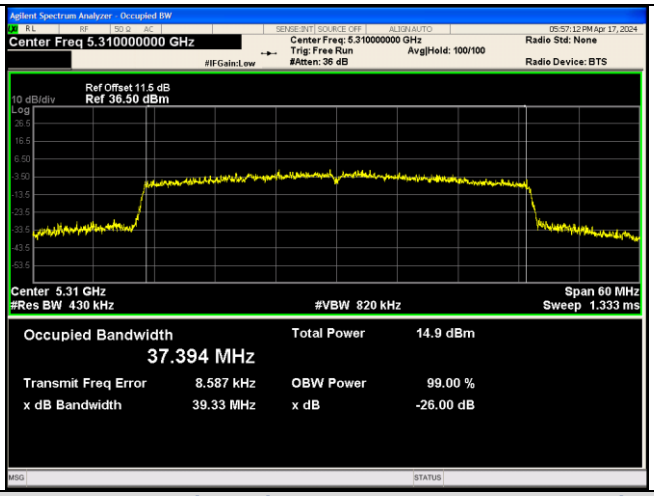
IEEE 802.11ax_Channel 54_40MHz_Antenna 1_RU&Index SU



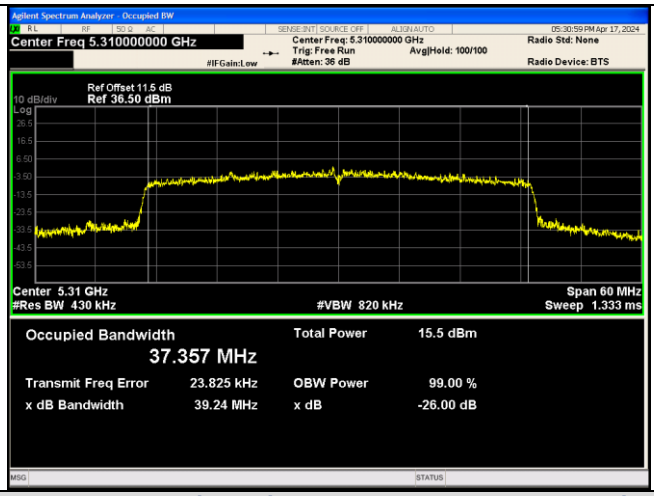
IEEE 802.11ax_Channel 54_40MHz_Antenna 2_RU&Index SU



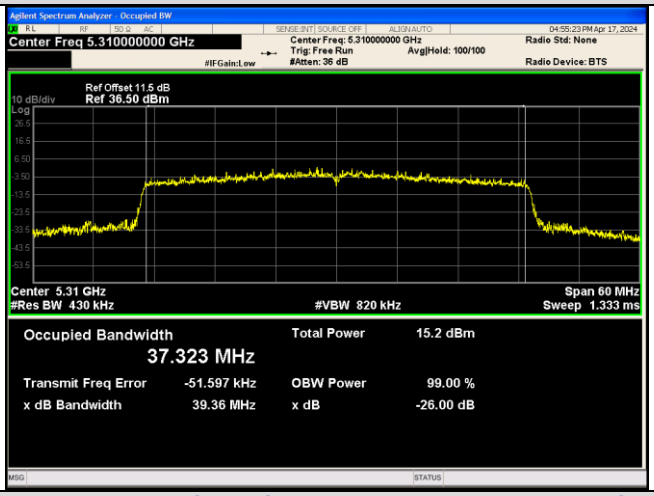
IEEE 802.11ax_Channel 54_40MHz_Antenna 3_RU&Index SU



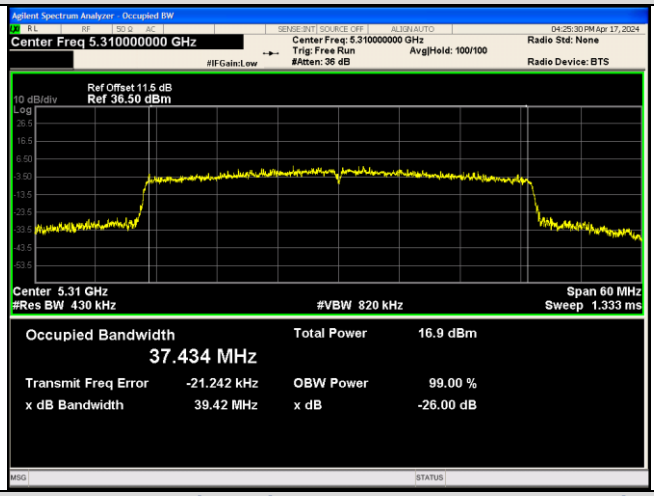
IEEE 802.11ax_Channel 62_40MHz_Antenna 0_RU&Index SU



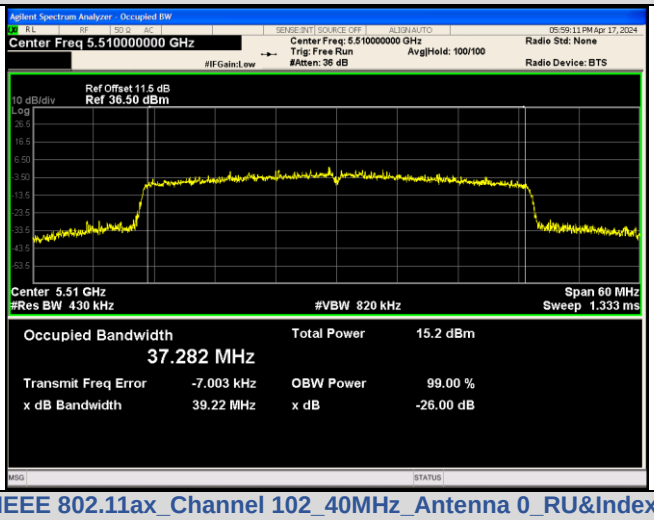
IEEE 802.11ax_Channel 62_40MHz_Antenna 1_RU&Index SU



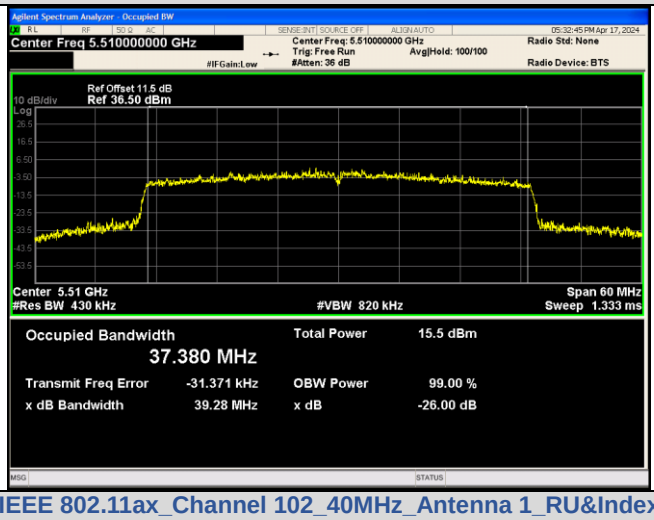
IEEE 802.11ax_Channel 62_40MHz_Antenna 2_RU&Index SU



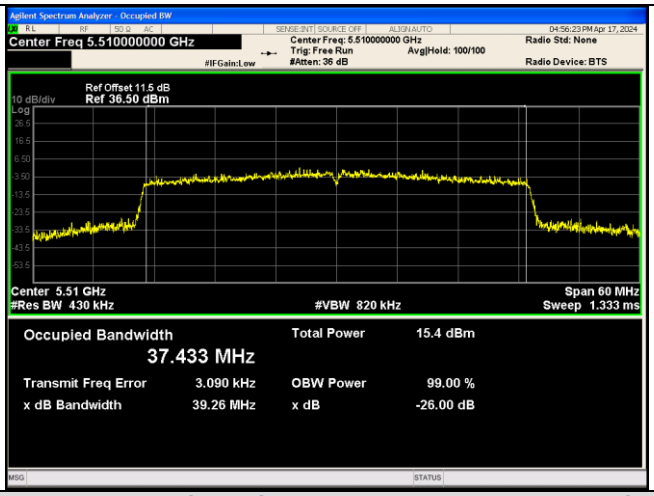
IEEE 802.11ax_Channel 62_40MHz_Antenna 3_RU&Index SU



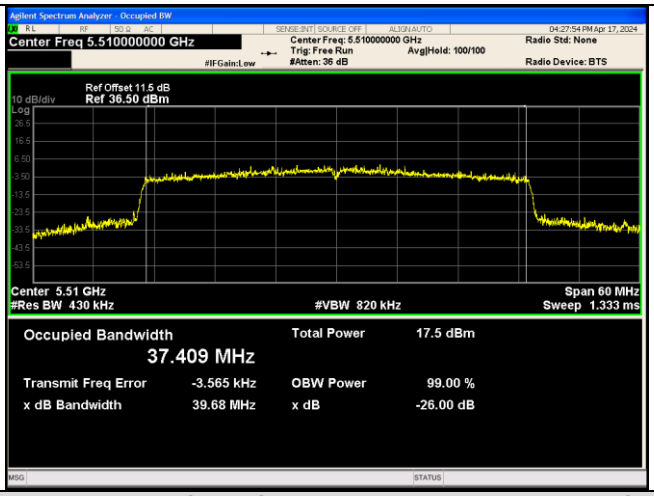
IEEE 802.11ax_Channel 102_40MHz_Antenna 0_RU&Index SU



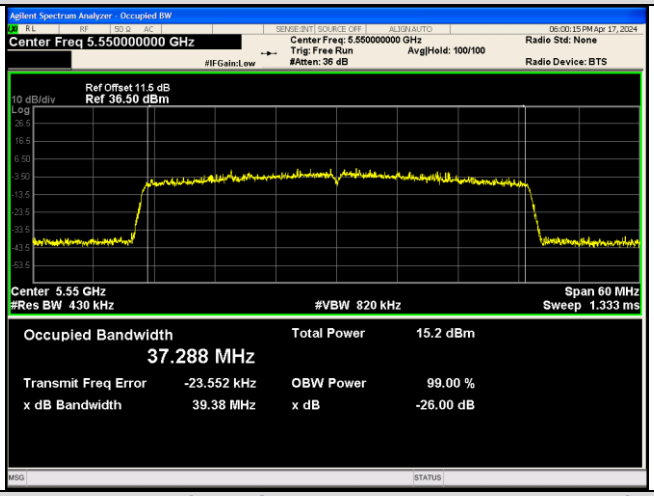
IEEE 802.11ax_Channel 102_40MHz_Antenna 1_RU&Index SU



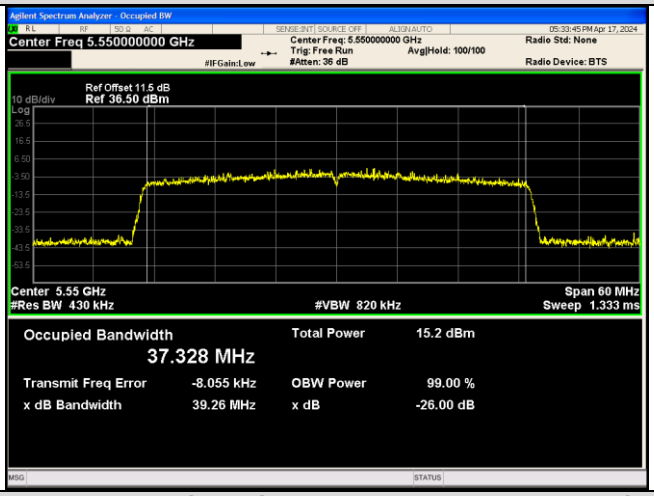
IEEE 802.11ax_Channel 102_40MHz_Antenna 2_RU&Index SU



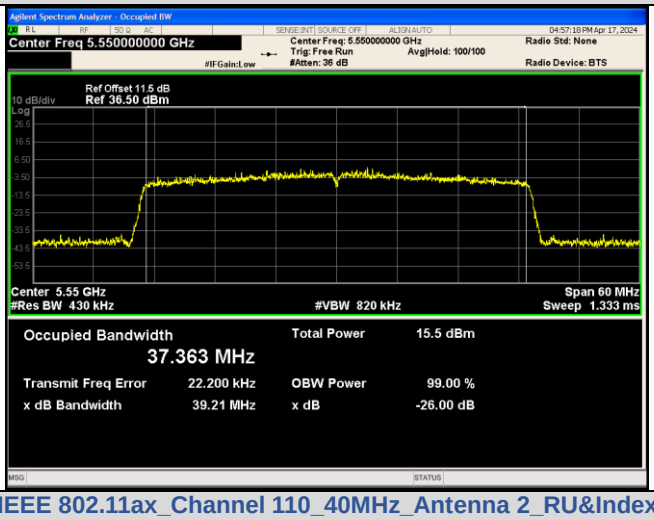
IEEE 802.11ax_Channel 102_40MHz_Antenna 3_RU&Index SU



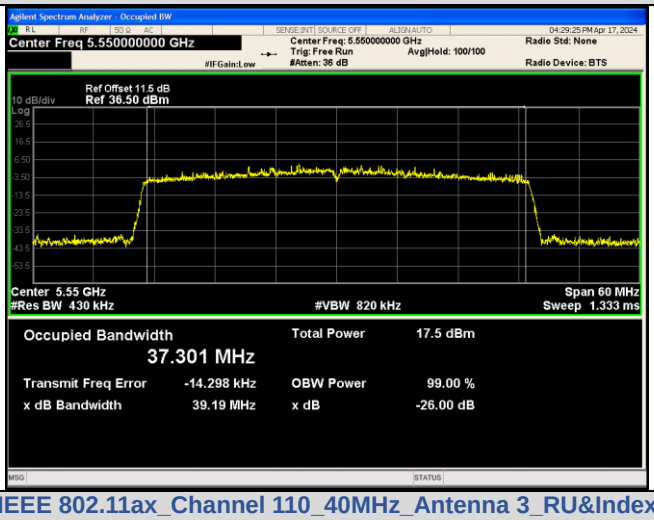
IEEE 802.11ax_Channel 110_40MHz_Antenna 0_RU&Index SU



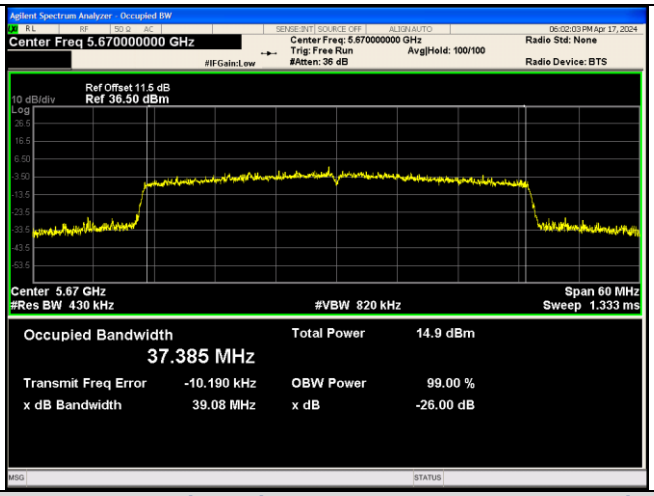
IEEE 802.11ax_Channel 110_40MHz_Antenna 1_RU&Index SU



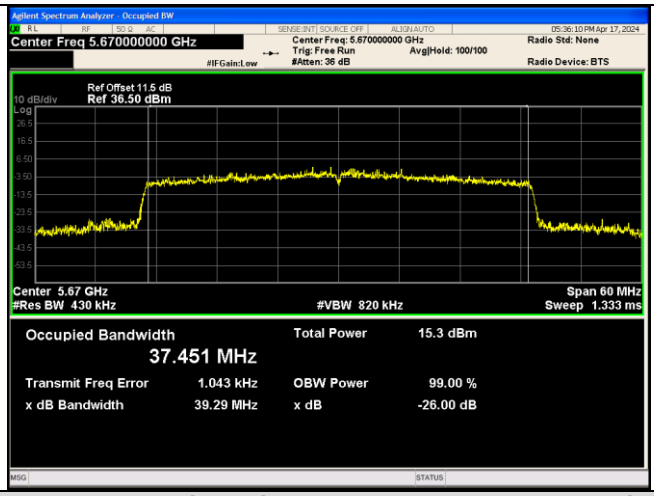
IEEE 802.11ax_Channel 110_40MHz_Antenna 2_RU&Index SU



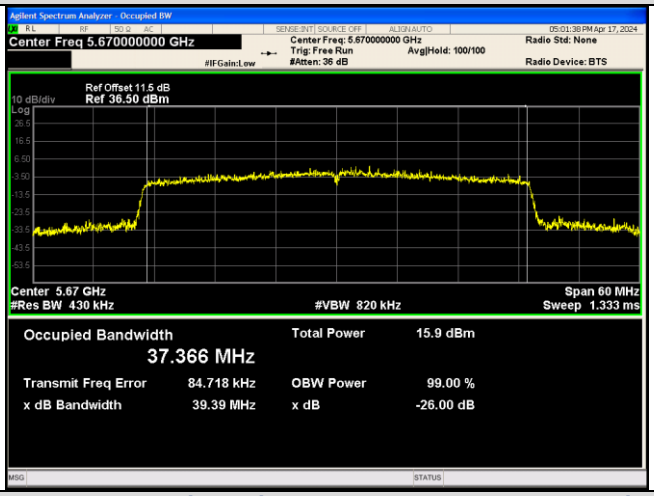
IEEE 802.11ax_Channel 110_40MHz_Antenna 3_RU&Index SU



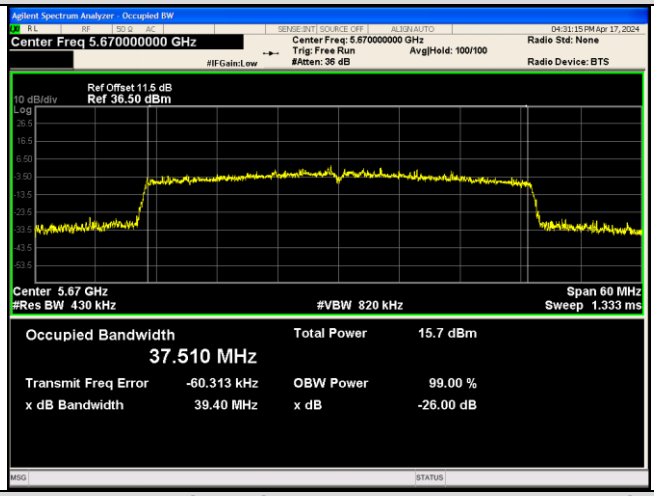
IEEE 802.11ax_Channel 134_40MHz_Antenna 0_RU&Index SU



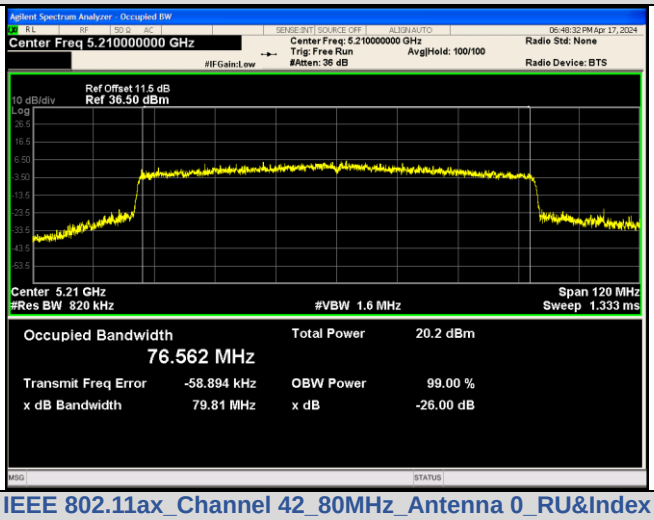
IEEE 802.11ax_Channel 134_40MHz_Antenna 1_RU&Index SU



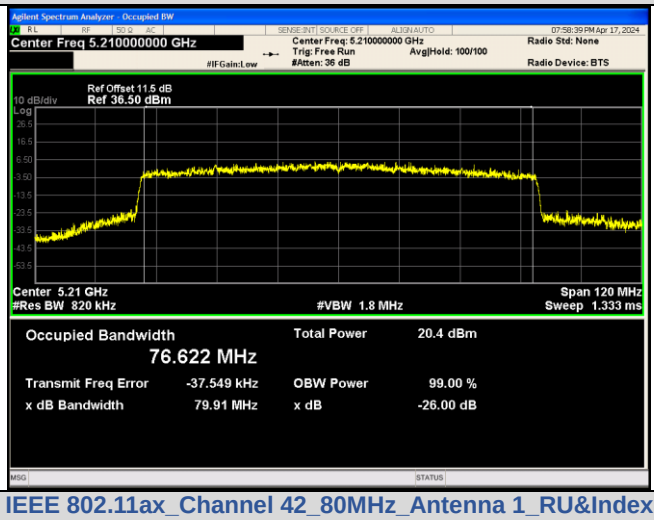
IEEE 802.11ax_Channel 134_40MHz_Antenna 2_RU&Index SU



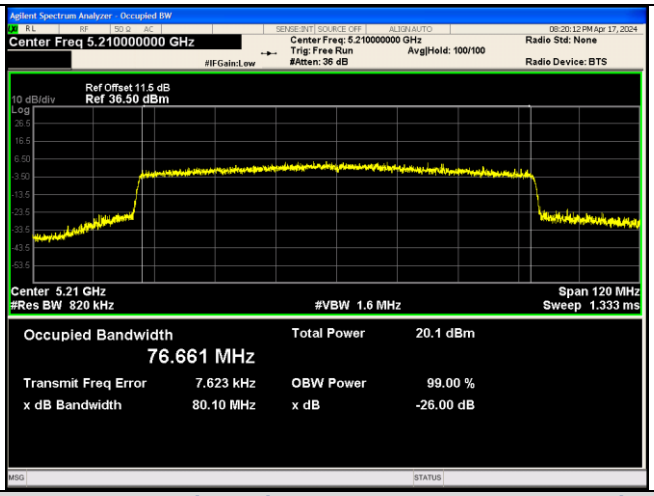
IEEE 802.11ax_Channel 134_40MHz_Antenna 3_RU&Index SU



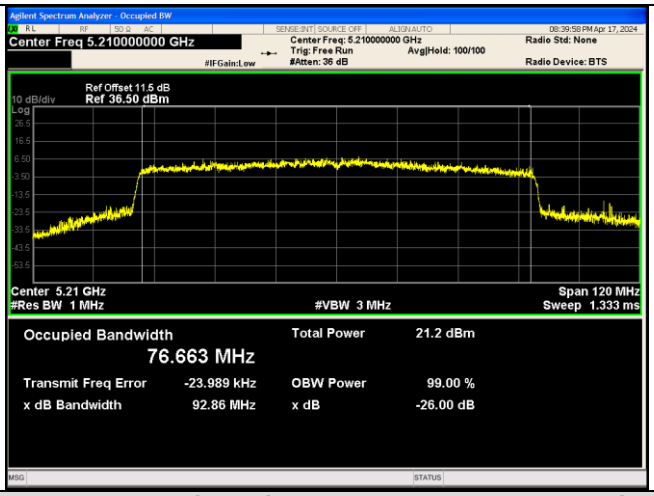
IEEE 802.11ax_Channel 42_80MHz_Antenna 0_RU&Index SU



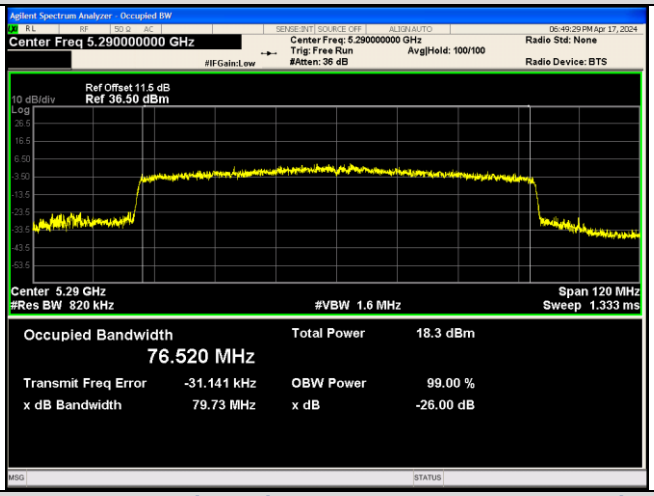
IEEE 802.11ax_Channel 42_80MHz_Antenna 1_RU&Index SU



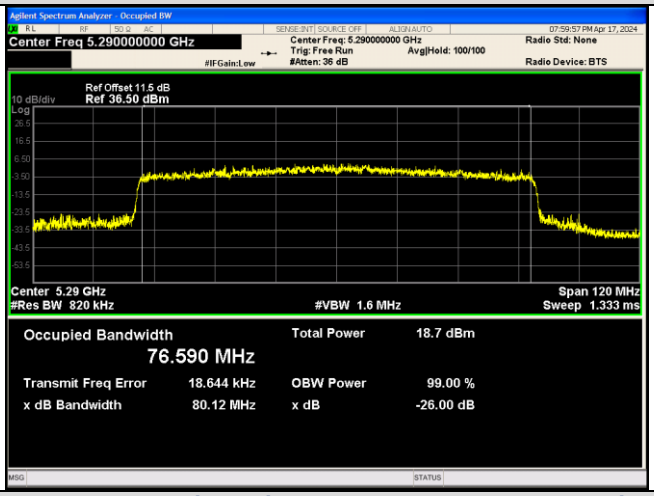
IEEE 802.11ax_Channel 42_80MHz_Antenna 2_RU&Index SU



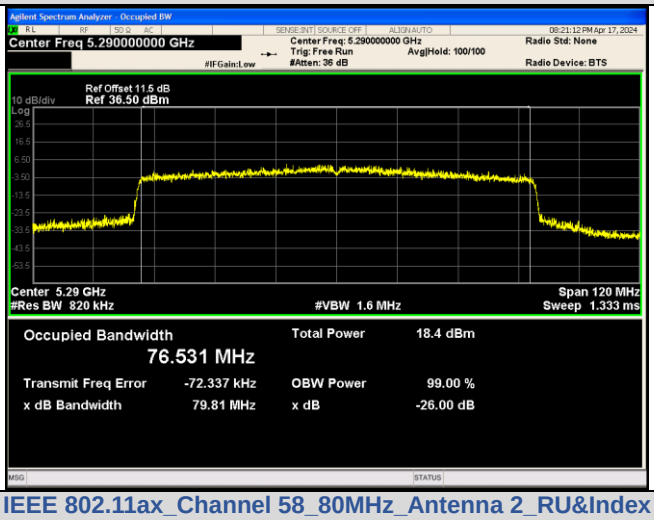
IEEE 802.11ax_Channel 42_80MHz_Antenna 3_RU&Index SU



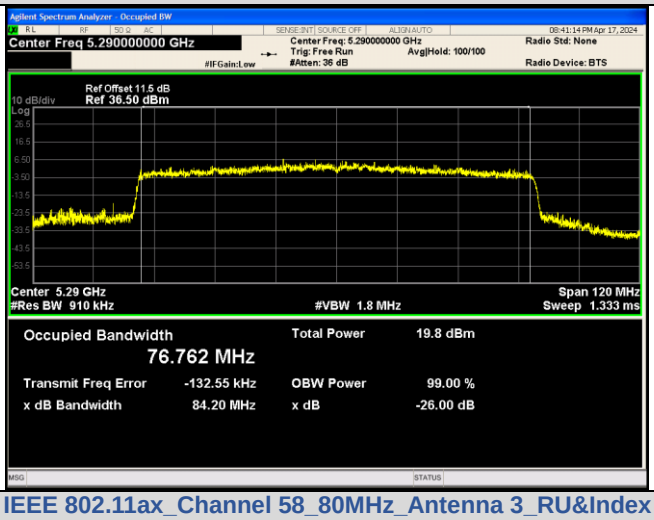
IEEE 802.11ax_Channel 58_80MHz_Antenna 0_RU&Index SU



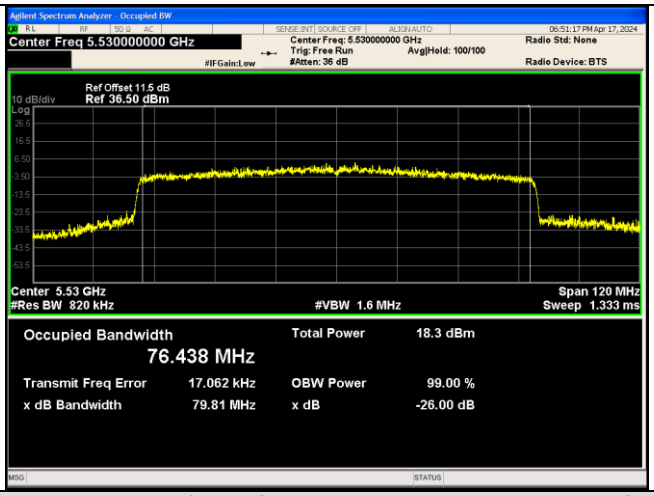
IEEE 802.11ax_Channel 58_80MHz_Antenna 1_RU&Index SU



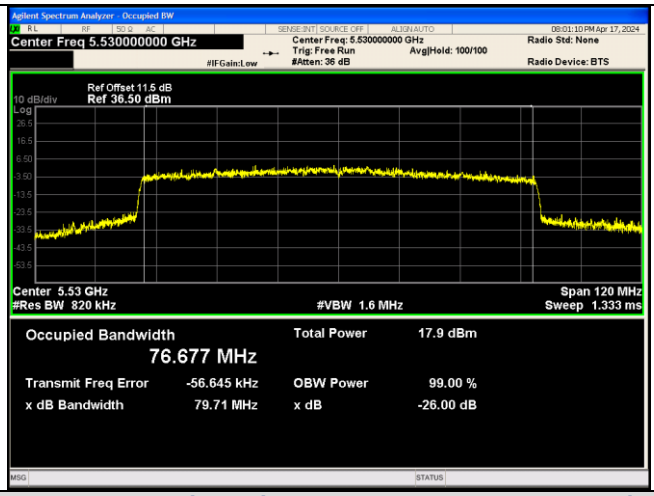
IEEE 802.11ax_Channel 58_80MHz_Antenna 2_RU&Index SU



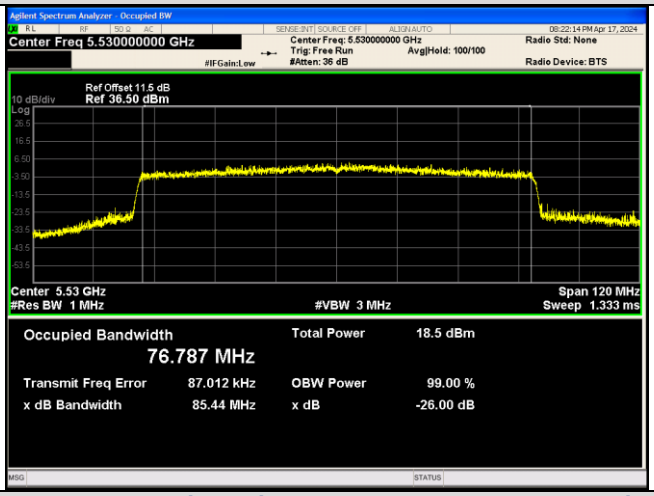
IEEE 802.11ax_Channel 58_80MHz_Antenna 3_RU&Index SU



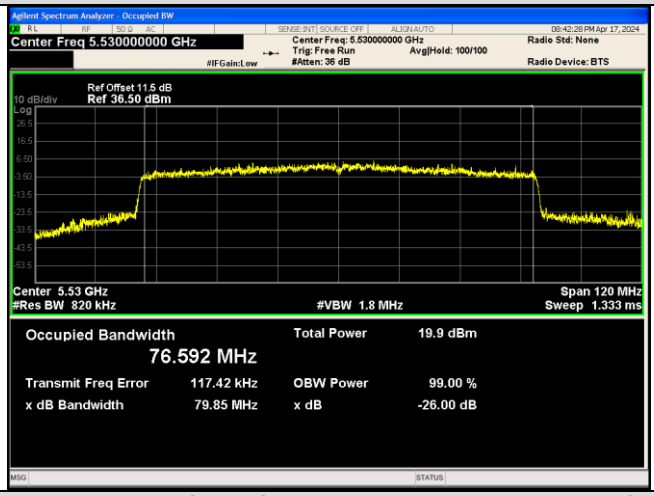
IEEE 802.11ax_Channel 106_80MHz_Antenna 0_RU&Index SU



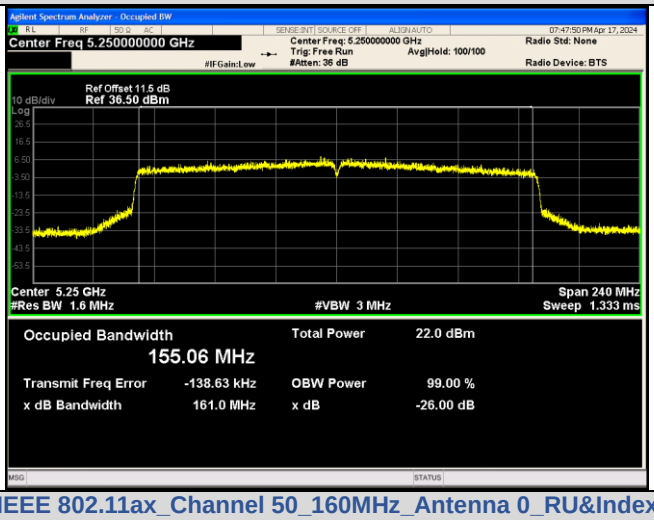
IEEE 802.11ax_Channel 106_80MHz_Antenna 1_RU&Index SU



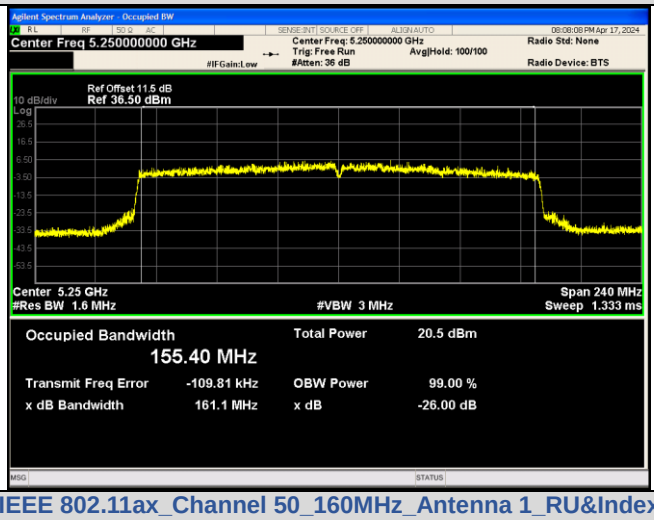
IEEE 802.11ax_Channel 106_80MHz_Antenna 2_RU&Index SU



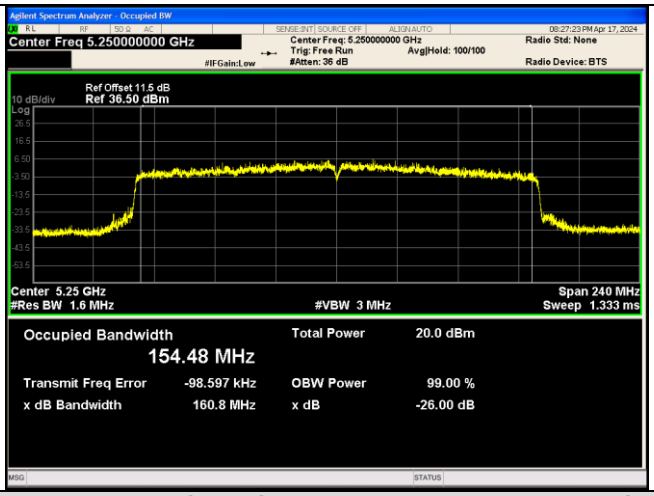
IEEE 802.11ax_Channel 106_80MHz_Antenna 3_RU&Index SU



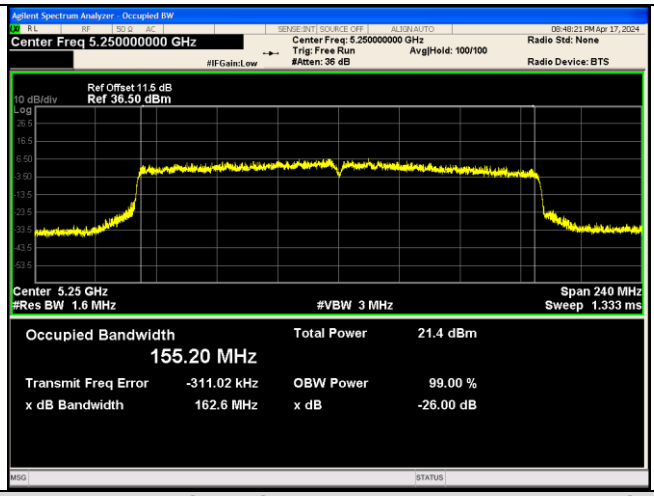
IEEE 802.11ax_Channel 50_160MHz_Antenna 0_RU&Index SU



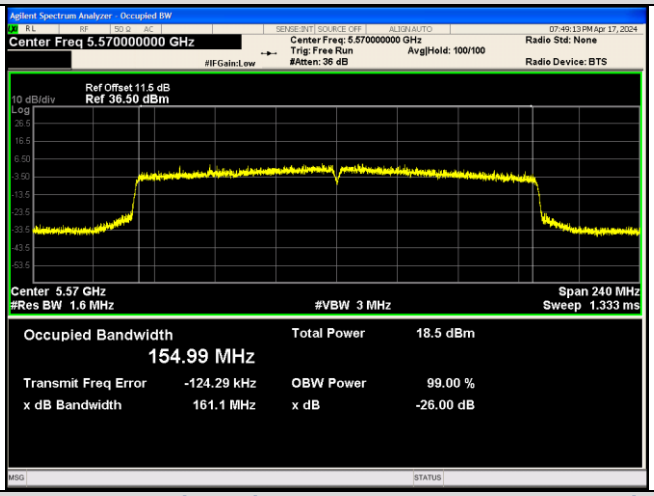
IEEE 802.11ax_Channel 50_160MHz_Antenna 1_RU&Index SU



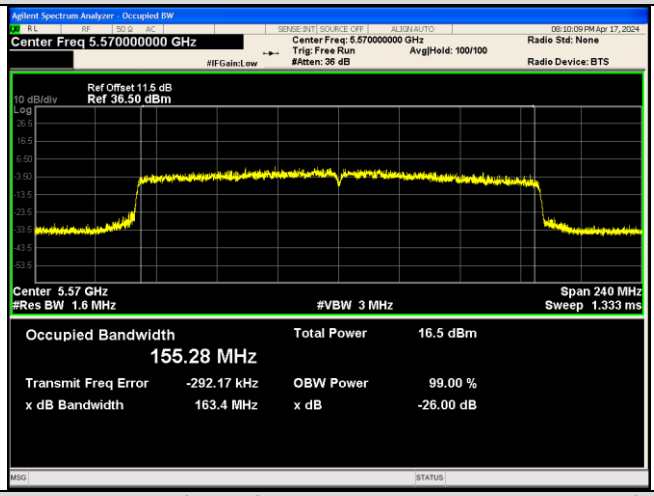
IEEE 802.11ax_Channel 50_160MHz_Antenna 2_RU&Index SU



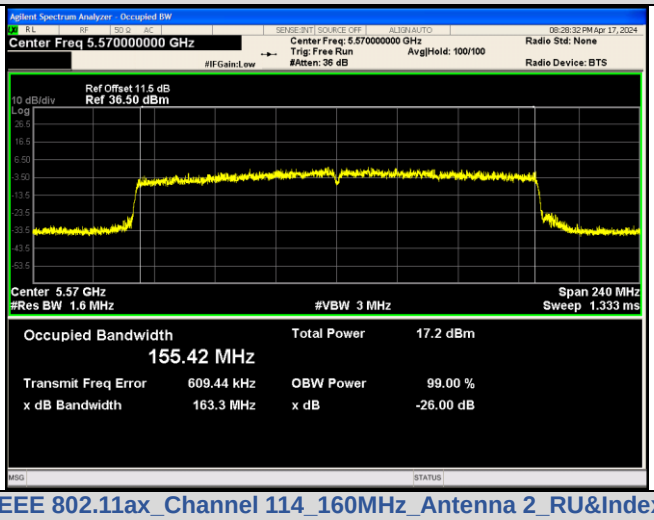
IEEE 802.11ax_Channel 50_160MHz_Antenna 3_RU&Index SU



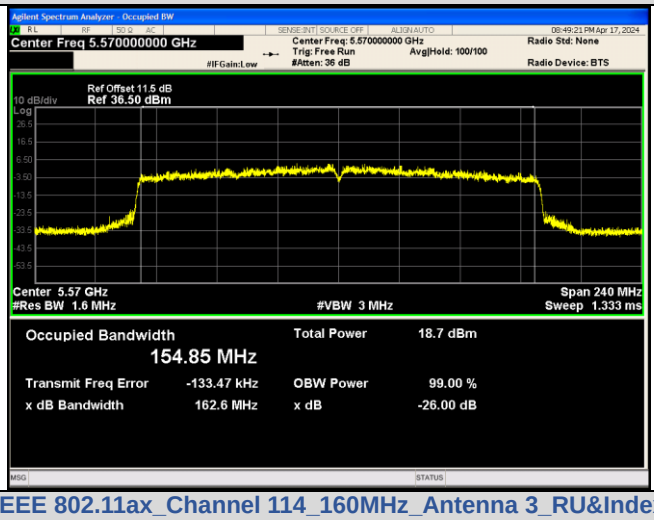
IEEE 802.11ax_Channel 114_160MHz_Antenna 0_RU&Index SU



IEEE 802.11ax_Channel 114_160MHz_Antenna 1_RU&Index SU



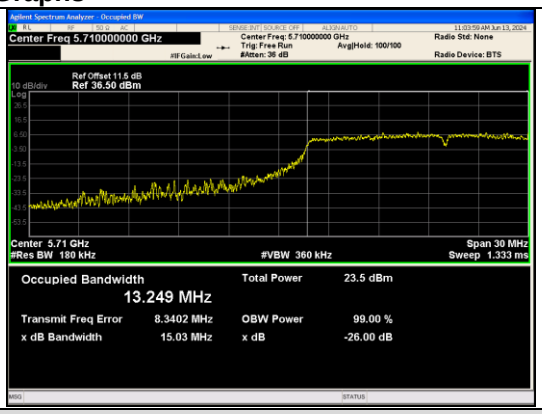
IEEE 802.11ax_Channel 114_160MHz_Antenna 2_RU&Index SU



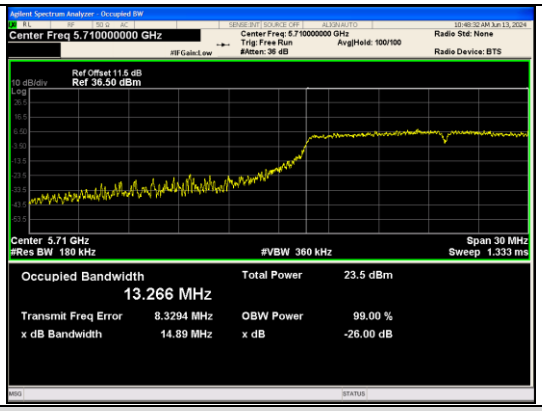
IEEE 802.11ax_Channel 114_160MHz_Antenna 3_RU&Index SU

Mode	Channel	RU & Index	Ant.	Center Frequency (MHz)	26 dB Bandwidth (MHz)
IEEE 802.11a	144	N/A	0	5720	15.03
			1	5720	14.89
			2	5720	15.18
			3	5720	15.17
IEEE 802.11n_20			0	5720	15.13
			1	5720	14.82
			2	5720	15.00
			3	5720	14.79
IEEE 802.11n_40	142		0	5710	34.82
			1	5710	34.82
			2	5710	34.78
			3	5710	34.61
IEEE 802.11ac_20	144		0	5720	15.09
			1	5720	14.96
			2	5720	15.02
			3	5720	14.94
IEEE 802.11ac_40	142		0	5710	34.99
			1	5710	34.41
			2	5710	34.48
			3	5710	34.51
IEEE 802.11ac_80	138		0	5690	74.45
			1	5690	74.46
			2	5690	74.46
			3	5690	74.42
IEEE 802.11ax_20	144	SU	0	5720	15.44
			1	5720	15.45
			2	5720	15.53
			3	5720	15.37
IEEE 802.11ax_40	142		0	5710	34.59
			1	5710	34.64
			2	5710	34.59
			3	5710	34.58
IEEE 802.11ax_80	138		0	5690	74.83
			1	5690	74.68
			2	5690	74.73
			3	5690	74.74

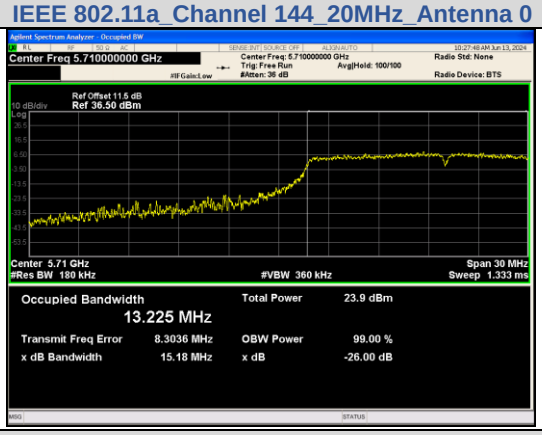
Test Graphs



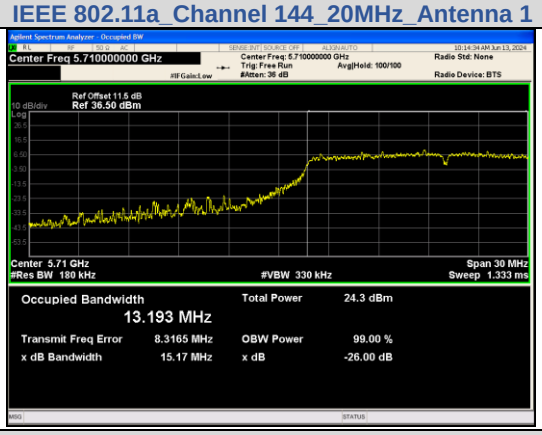
IEEE 802.11a_Channel 144_20MHz_Antenna 0



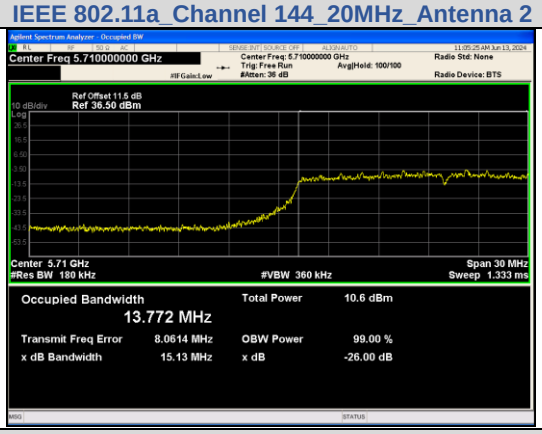
IEEE 802.11a_Channel 144_20MHz_Antenna 1



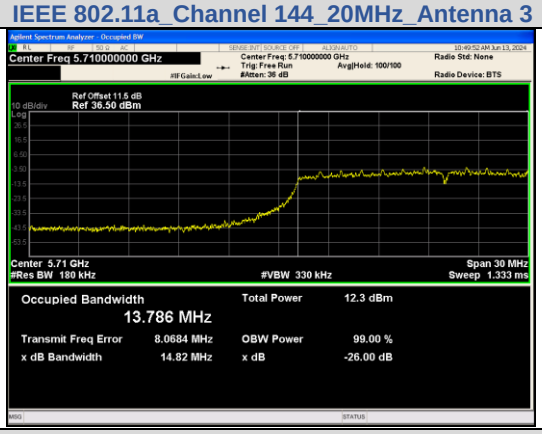
IEEE 802.11a_Channel 144_20MHz_Antenna 2



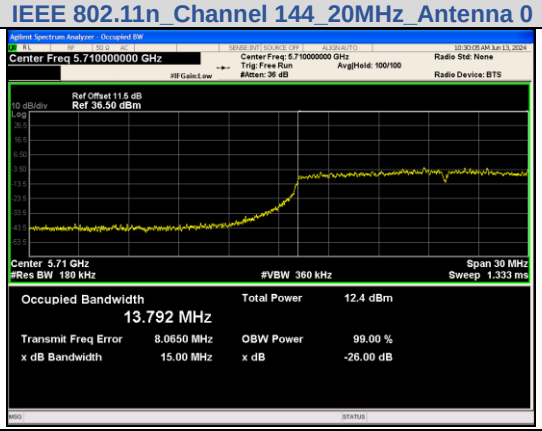
IEEE 802.11a_Channel 144_20MHz_Antenna 3



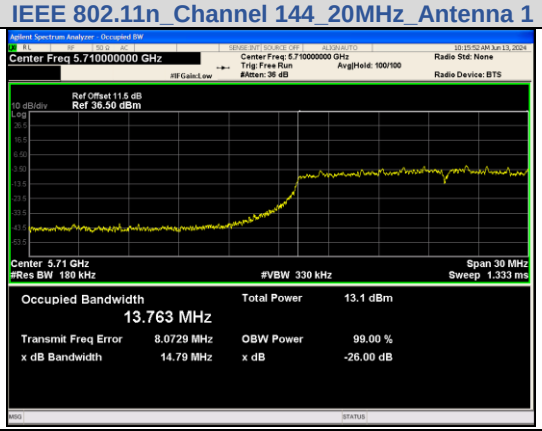
IEEE 802.11n_Channel 144_20MHz_Antenna 0



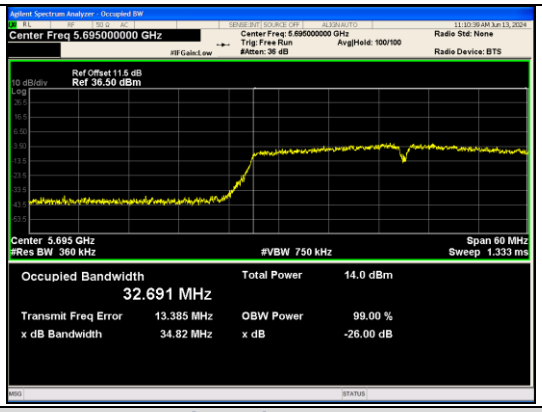
IEEE 802.11n_Channel 144_20MHz_Antenna 1



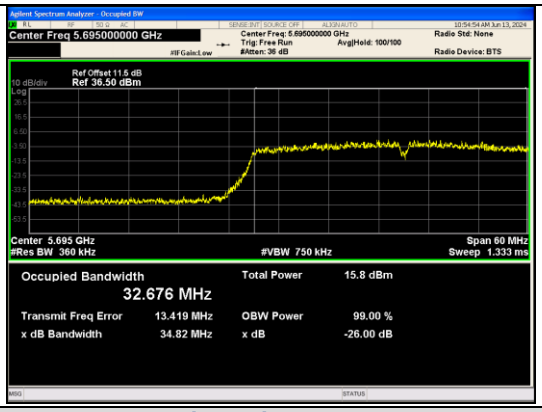
IEEE 802.11n_Channel 144_20MHz_Antenna 2



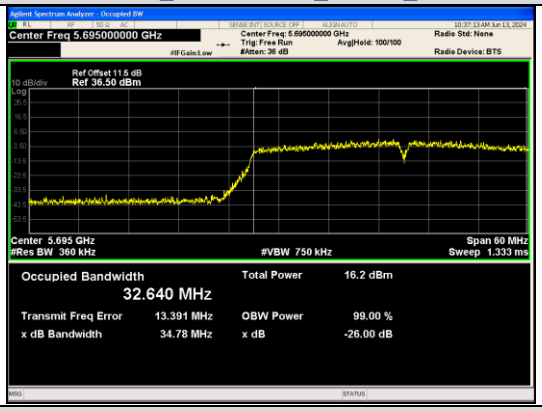
IEEE 802.11n_Channel 144_20MHz_Antenna 3



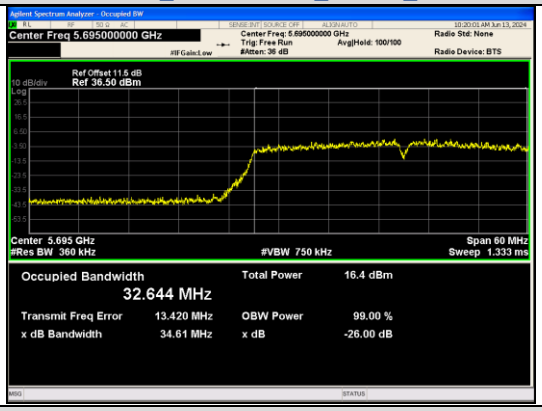
IEEE 802.11n_Channel 142_40MHz_Antenna 0



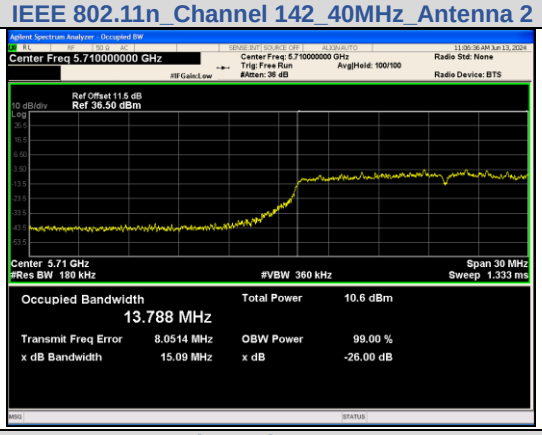
IEEE 802.11n_Channel 142_40MHz_Antenna 1



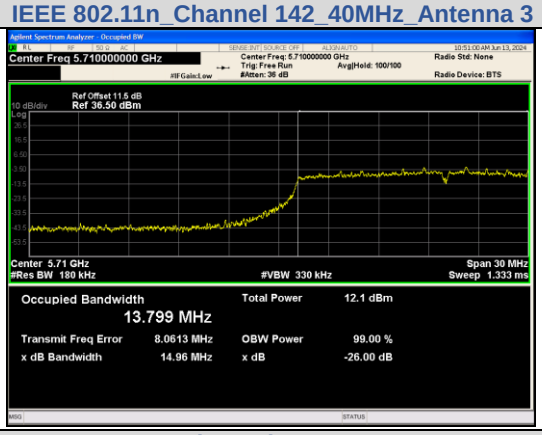
IEEE 802.11n_Channel 142_40MHz_Antenna 2



IEEE 802.11n_Channel 142_40MHz_Antenna 3



IEEE 802.11ac_Channel 144_20MHz_Antenna 0



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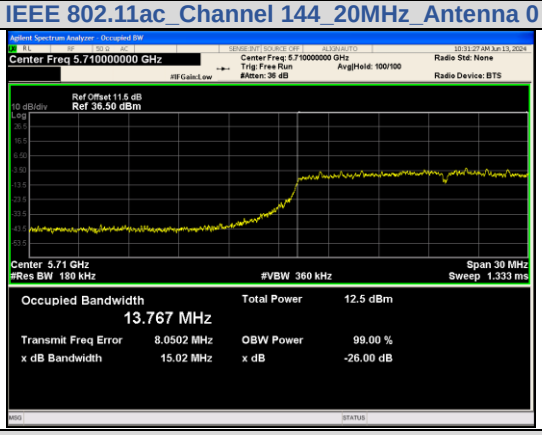
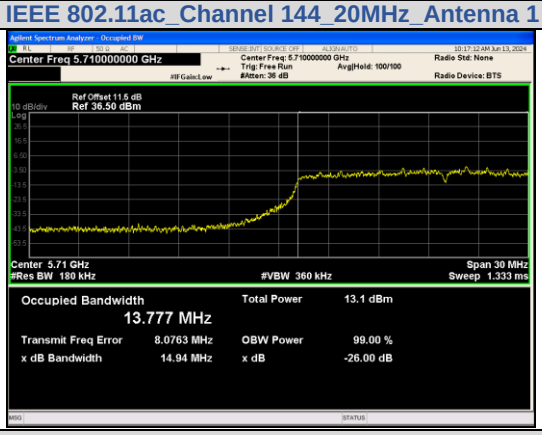
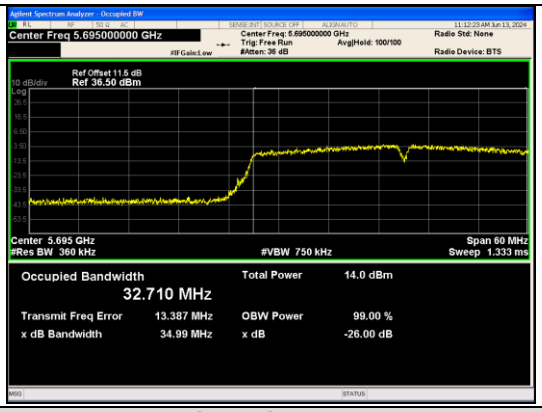


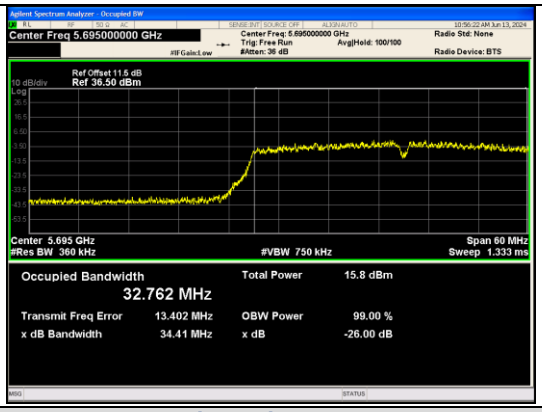
IEEE 802.11ac_Channel 144_20MHz_Antenna 2



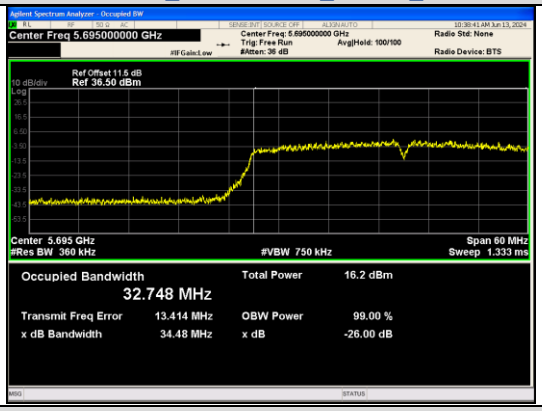
IEEE 802.11ac_Channel 144_20MHz_Antenna 3



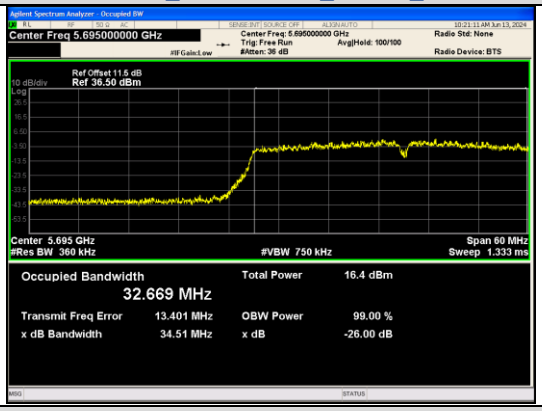
IEEE 802.11ac_Channel 142_40MHz_Antenna 0



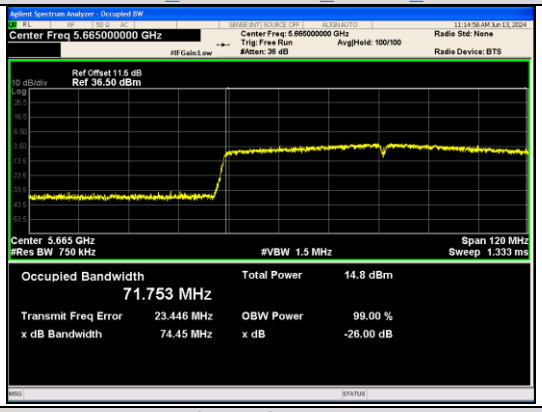
IEEE 802.11ac_Channel 142_40MHz_Antenna 1



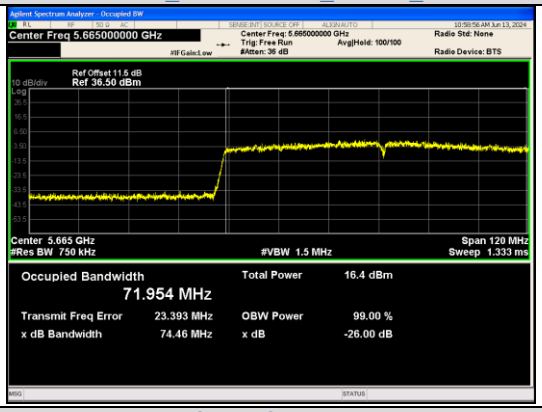
IEEE 802.11ac_Channel 142_40MHz_Antenna 2



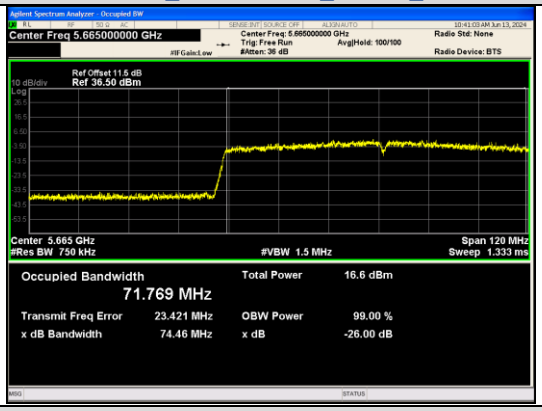
IEEE 802.11ac_Channel 142_40MHz_Antenna 3



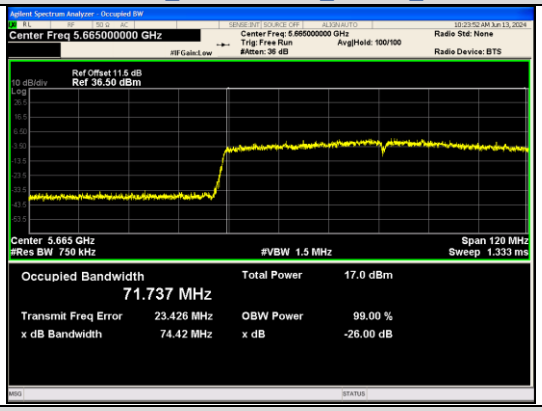
IEEE 802.11ac_Channel 138_80MHz_Antenna 0



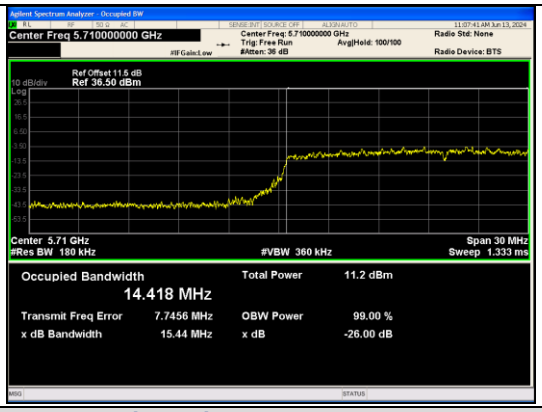
IEEE 802.11ac_Channel 138_80MHz_Antenna 1



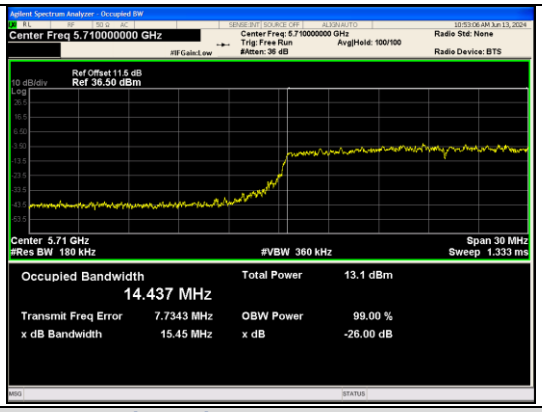
IEEE 802.11ac_Channel 138_80MHz_Antenna 2



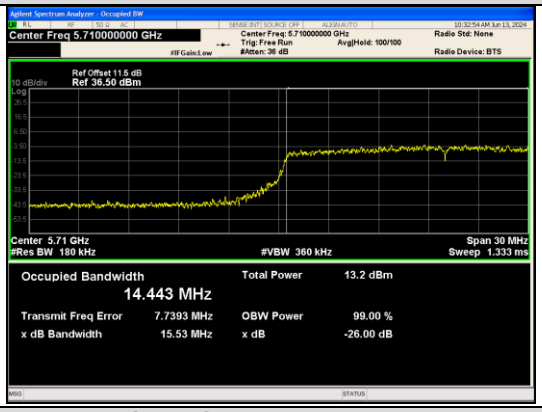
IEEE 802.11ac_Channel 138_80MHz_Antenna 3



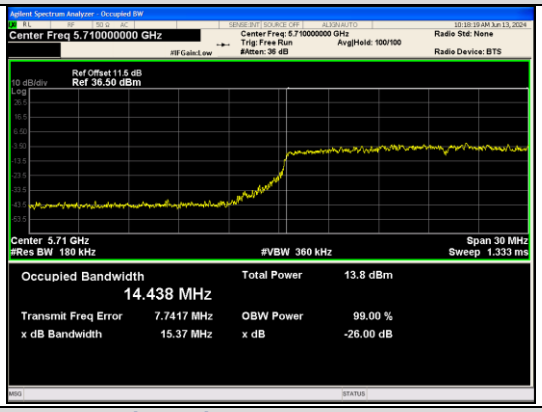
IEEE 802.11ax_Channel 144_20MHz_Antenna 0_RU&Index SU



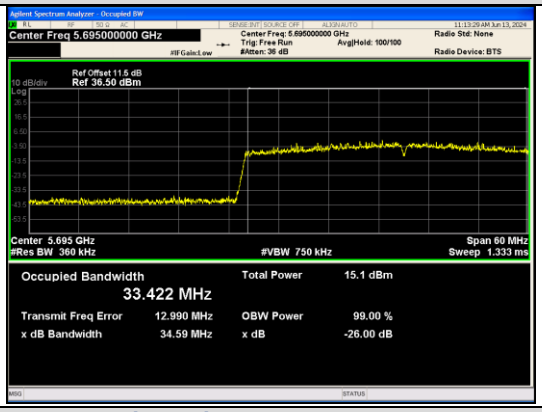
IEEE 802.11ax_Channel 144_20MHz_Antenna 1_RU&Index SU



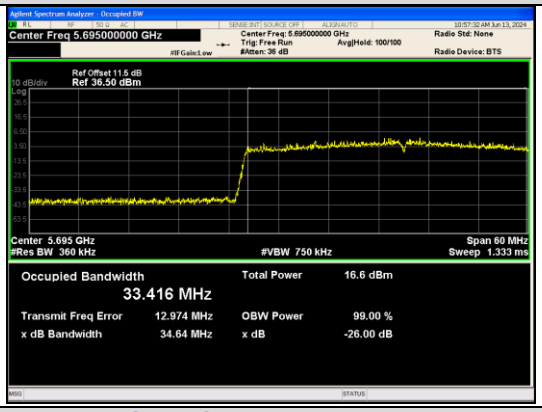
IEEE 802.11ax_Channel 144_20MHz_Antenna 2_RU&Index SU



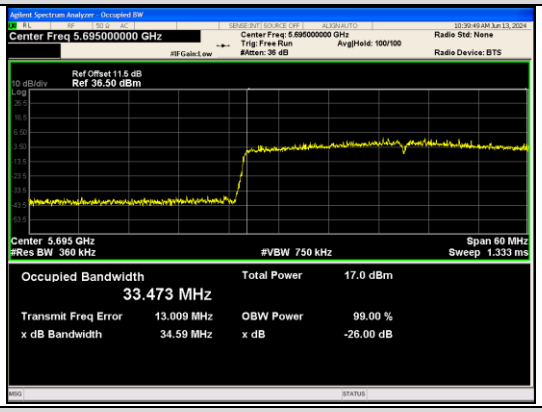
IEEE 802.11ax_Channel 144_20MHz_Antenna 3_RU&Index SU



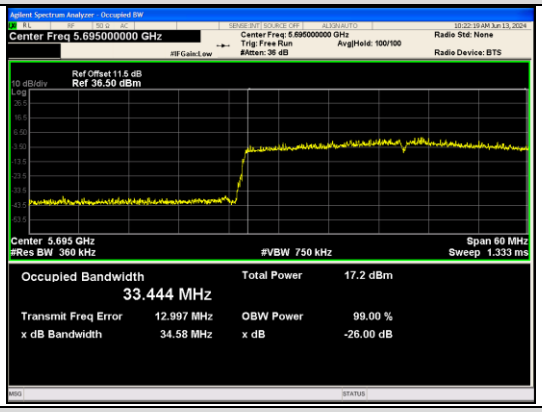
IEEE 802.11ax_Channel 142_40MHz_Antenna 0_RU&Index SU



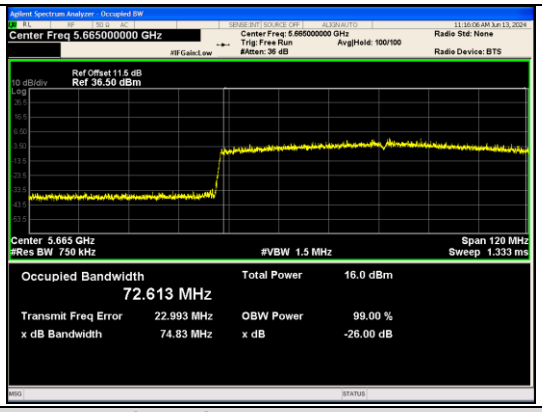
IEEE 802.11ax_Channel 142_40MHz_Antenna 1_RU&Index SU



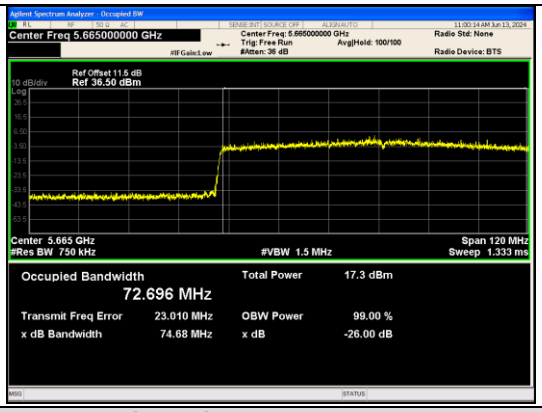
IEEE 802.11ax_Channel 142_40MHz_Antenna 2_RU&Index SU



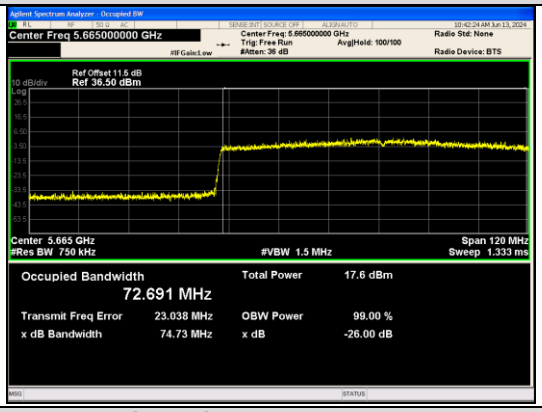
IEEE 802.11ax_Channel 142_40MHz_Antenna 3_RU&Index SU



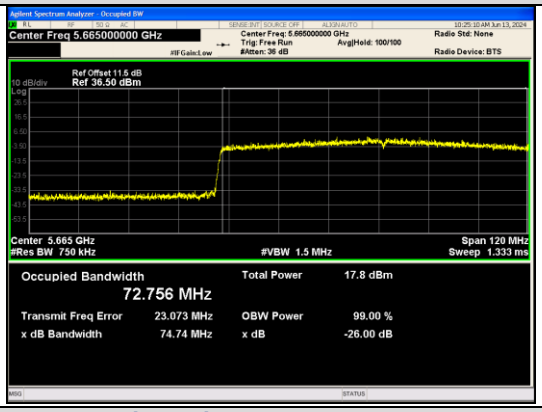
IEEE 802.11ax_Channel 138_80MHz_Antenna 0_RU&Index SU



IEEE 802.11ax_Channel 138_80MHz_Antenna 1_RU&Index SU



IEEE 802.11ax_Channel 138_80MHz_Antenna 2_RU&Index SU



IEEE 802.11ax_Channel 138_80MHz_Antenna 3_RU&Index SU

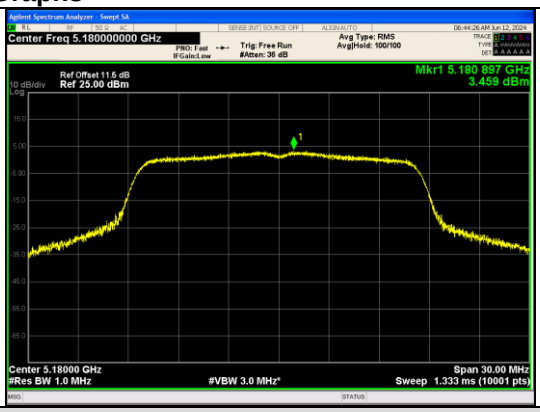
A.3 PEAK POWER SPECTRAL DENSITY

For U-NII-1, U-NII-2A and U-NII-2C Band:

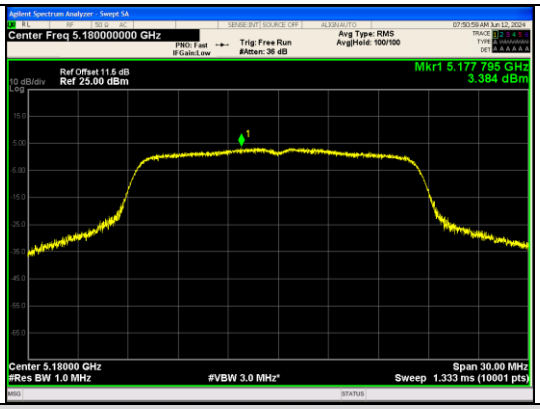
Mode	Channel	RU & Index	Ant. 0 Meas PSD (dBm/MHz or dBm/0.5MHz)	Ant. 1 Meas PSD (dBm/MHz or dBm/0.5MHz)	Ant. 2 Meas PSD (dBm/MHz or dBm/0.5MHz)	Ant. 3 Meas PSD (dBm/MHz or dBm/0.5MHz)	Ant. 0 Corr'd PSD (dBm/MHz or dBm/0.5MHz)	Ant. 1 Corr'd PSD (dBm/MHz or dBm/0.5MHz)	Ant. 2 Corr'd PSD (dBm/MHz or dBm/0.5MHz)	Ant. 3 Corr'd PSD (dBm/MHz or dBm/0.5MHz)	Total PSD (dBm/MHz or dBm/0.5MHz)	Limit (dBm/MHz or dBm/0.5MHz)	Result
IEEE 802.11a	36	N/A	3.459	3.384	3.304	4.299	3.66	3.58	3.50	4.50	N/A	15.91	PASS
	44		3.583	4.168	3.799	4.832	3.78	4.37	4.00	5.03	N/A		PASS
	48		3.372	3.876	3.357	4.358	3.57	4.07	3.56	4.56	N/A		PASS
	52		5.854	5.853	5.694	6.230	6.05	6.05	5.89	6.43	N/A	9.91	PASS
	60		5.140	5.149	5.044	5.254	5.34	5.35	5.24	5.45	N/A		PASS
	64		5.198	4.860	5.046	5.504	5.40	5.06	5.24	5.70	N/A		PASS
	100		8.555	8.680	7.669	9.392	8.75	8.88	7.87	9.59	N/A	9.91	PASS
	116		9.240	8.910	8.549	9.679	9.44	9.11	8.75	9.88	N/A		PASS
	140		7.669	7.529	8.232	7.825	7.87	7.73	8.43	8.02	N/A		PASS
IEEE 802.11n_20	36		-6.016	-8.910	-6.197	-4.956	-5.35	-8.25	-5.53	-4.29	0.39	10.01	PASS
	44		-6.342	-9.270	-6.546	-5.214	-5.68	-8.61	-5.88	-4.55	0.07		PASS
	48		-6.761	-9.845	-6.718	-5.209	-6.10	-9.18	-6.06	-4.55	-0.15		PASS
	52		-7.911	-10.166	-6.467	-5.219	-7.25	-9.50	-5.80	-4.56	-0.39	4.01	PASS
	60		-7.945	-10.547	-7.211	-5.895	-7.28	-9.88	-6.55	-5.23	-0.91		PASS
	64		-7.931	-10.281	-7.104	-5.858	-7.27	-9.62	-6.44	-5.20	-0.83		PASS
	100		-4.394	-3.854	-4.386	-1.934	-3.73	-3.19	-3.72	-1.27	3.17	4.01	PASS
	116		-3.377	-3.308	-4.208	-1.762	-2.71	-2.65	-3.55	-1.10	3.61		PASS
	140		-4.986	-4.134	-3.009	-3.556	-4.32	-3.47	-2.35	-2.89	2.82		PASS
IEEE 802.11n_40	38		-10.325	-11.500	-9.099	-9.346	-9.20	-10.37	-7.97	-8.22	-2.82	10.01	PASS
	46		-10.371	-11.877	-9.136	-9.791	-9.24	-10.75	-8.01	-8.66	-3.03		PASS
	54		-10.460	-12.620	-9.807	-9.917	-9.33	-11.49	-8.68	-8.79	-3.42	4.01	PASS
	62		-10.949	-13.106	-9.908	-9.851	-9.82	-11.98	-8.78	-8.72	-3.62		PASS
	102		-4.037	-4.159	-4.406	-2.111	-2.91	-3.03	-3.28	-0.98	3.58	4.01	PASS
	110		-4.320	-4.749	-4.116	-2.391	-3.19	-3.62	-2.99	-1.26	3.35		PASS
	134		-4.844	-4.223	-4.023	-4.315	-3.71	-3.09	-2.89	-3.19	2.81		PASS
IEEE 802.11ac_20	36		-7.702	-9.069	-6.748	-5.882	-7.05	-8.41	-6.09	-5.23	-0.52	10.01	PASS
	44		-7.802	-9.335	-6.526	-6.405	-7.15	-8.68	-5.87	-5.75	-0.69		PASS
	48		-7.750	-9.386	-6.892	-7.174	-7.09	-8.73	-6.24	-6.52	-1.02		PASS
	52		-8.026	-10.042	-6.777	-5.915	-7.37	-9.39	-6.12	-5.26	-0.75	4.01	PASS
	60		-7.880	-9.618	-6.983	-6.668	-7.22	-8.96	-6.33	-6.01	-0.97		PASS
	64		-8.364	-10.540	-7.215	-7.243	-7.71	-9.88	-6.56	-6.59	-1.47		PASS

	100		-4.665	-4.161	-3.899	-2.178	-4.01	-3.51	-3.24	-1.52	3.06	4.01	PASS
	116		-3.786	-3.575	-4.010	-1.489	-3.13	-2.92	-3.35	-0.83	3.59		PASS
	140		-4.722	-3.434	-3.188	-3.176	-4.07	-2.78	-2.53	-2.52	3.09		PASS
IEEE 802.11ac_40	38		-10.640	-12.215	-9.210	-9.932	-9.55	-11.12	-8.12	-8.84	-3.25	10.01	PASS
	46		-10.366	-12.267	-9.015	-9.358	-9.27	-11.17	-7.92	-8.26	-2.97		PASS
	54		-10.329	-12.685	-9.770	-10.510	-9.24	-11.59	-8.68	-9.42	-3.58	4.01	PASS
	62		-10.504	-13.319	-10.192	-10.042	-9.41	-12.23	-9.10	-8.95	-3.72		PASS
	102		-4.261	-4.149	-4.437	-2.041	-3.17	-3.06	-3.34	-0.95	3.51	4.01	PASS
	110		-4.494	-4.146	-4.061	-2.272	-3.40	-3.05	-2.97	-1.18	3.46		PASS
	134		-4.777	-4.269	-3.816	-3.773	-3.68	-3.18	-2.72	-2.68	2.97		PASS
IEEE 802.11ac_80	42		-14.006	-15.442	-12.858	-13.599	-12.32	-13.75	-11.17	-11.91	-6.17	10.01	PASS
	58		-14.181	-16.287	-13.882	-13.389	-12.49	-14.60	-12.19	-11.70	-6.60	4.01	PASS
	106		-4.617	-5.347	-4.955	-3.493	-2.93	-3.66	-3.27	-1.80	3.16	4.01	PASS
IEEE 802.11ac_160	50		-16.745	-18.951	-15.415	-16.943	-14.56	-16.76	-13.23	-14.75	-8.63	4.01	PASS
	114		-10.610	-11.609	-11.552	-9.114	-8.42	-9.42	-9.36	-6.93	-2.39	4.01	PASS
IEEE 802.11ax_20	36	SU	-7.932	-8.988	-6.984	-7.155	-7.23	-8.29	-6.29	-6.46	-0.98	10.01	PASS
	44		-8.222	-9.720	-7.175	-6.968	-7.52	-9.02	-6.48	-6.27	-1.17		PASS
	48		-7.878	-10.200	-7.159	-6.789	-7.18	-9.50	-6.46	-6.09	-1.10		PASS
	52		-8.401	-10.472	-6.851	-7.088	-7.70	-9.77	-6.15	-6.39	-1.27	4.01	PASS
	60		-8.438	-10.733	-7.402	-7.818	-7.74	-10.04	-6.70	-7.12	-1.71		PASS
	64		-8.738	-10.885	-7.636	-7.855	-8.04	-10.19	-6.94	-7.16	-1.89		PASS
	100		-4.345	-4.215	-4.571	-1.940	-3.65	-3.52	-3.87	-1.24	3.09	4.01	PASS
	116		-3.609	-3.633	-4.209	-1.698	-2.91	-2.94	-3.51	-1.00	3.54		PASS
	140		-5.182	-4.333	-3.616	-3.574	-4.48	-3.64	-2.92	-2.88	2.59		PASS
IEEE 802.11ax_40	38		-10.545	-12.304	-9.578	-9.073	-9.85	-11.61	-8.88	-8.38	-3.49	10.01	PASS
	46		-10.147	-11.816	-9.250	-9.456	-9.45	-11.12	-8.55	-8.76	-3.34		PASS
	54		-10.435	-13.523	-9.736	-9.900	-9.74	-12.83	-9.04	-9.20	-3.94	4.01	PASS
	62		-10.649	-13.368	-10.396	-10.862	-9.95	-12.67	-9.70	-10.16	-4.45		PASS
	102		-4.309	-4.074	-4.098	-2.439	-3.61	-3.38	-3.40	-1.74	3.06	4.01	PASS
	110		-4.357	-4.027	-4.131	-2.057	-3.66	-3.33	-3.43	-1.36	3.18		PASS
	134		-4.461	-4.645	-3.177	-3.766	-3.76	-3.95	-2.48	-3.07	2.75		PASS
IEEE 802.11ax_80	42		-13.726	-15.181	-12.159	-12.675	-13.01	-14.47	-11.45	-11.96	-6.56	10.01	PASS
	58		-13.779	-16.441	-12.621	-13.651	-13.07	-15.73	-11.91	-12.94	-7.18	4.01	PASS
	106		-4.652	-5.047	-4.591	-3.056	-3.94	-4.33	-3.88	-2.34	2.47	4.01	PASS
IEEE 802.11ax_160	50		-16.255	-18.251	-15.470	-15.066	-15.56	-17.55	-14.77	-14.37	-9.38	4.01	PASS
	114		-7.185	-9.838	-9.144	-7.301	-6.49	-9.14	-8.45	-6.60	-1.50	4.01	PASS

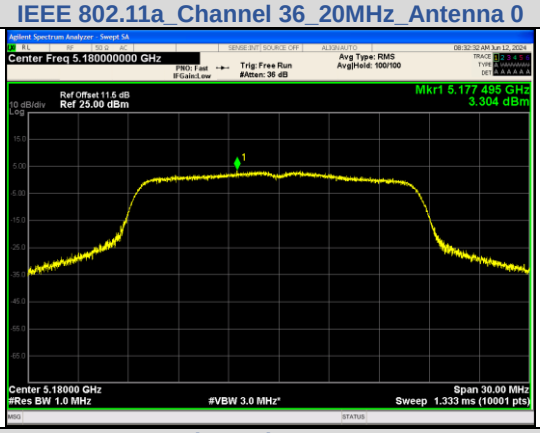
Test Graphs



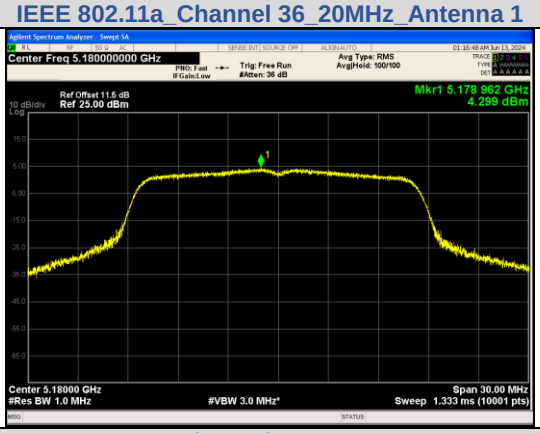
IEEE 802.11a_Channel 36_20MHz_Antenna 0



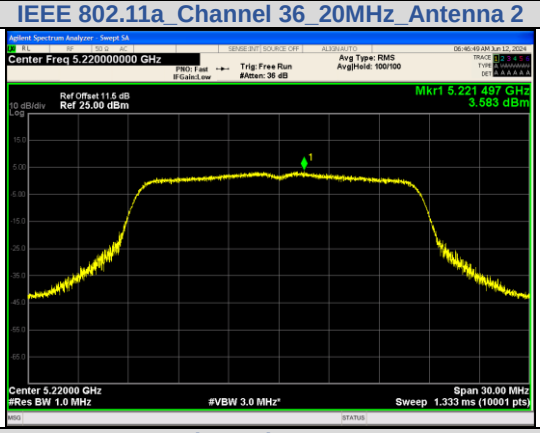
IEEE 802.11a_Channel 36_20MHz_Antenna 1



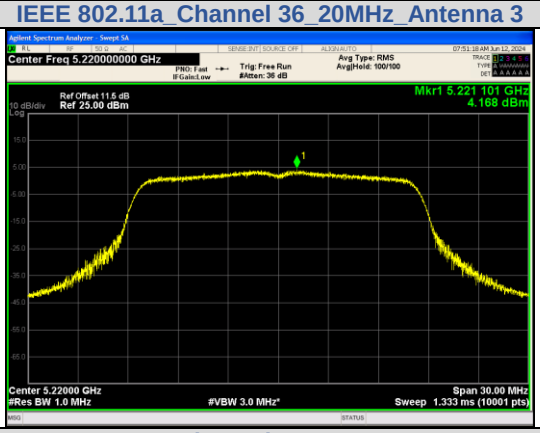
IEEE 802.11a_Channel 36_20MHz_Antenna 2



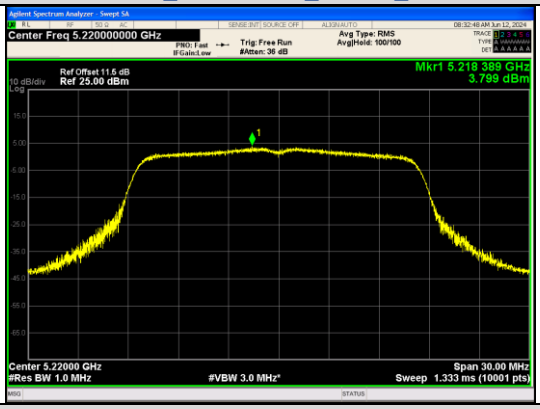
IEEE 802.11a_Channel 36_20MHz_Antenna 3



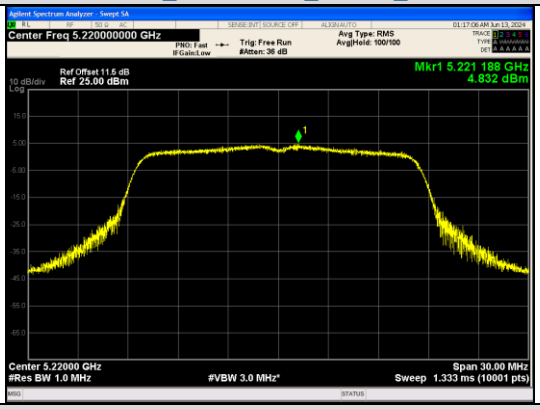
IEEE 802.11a_Channel 44_20MHz_Antenna 0



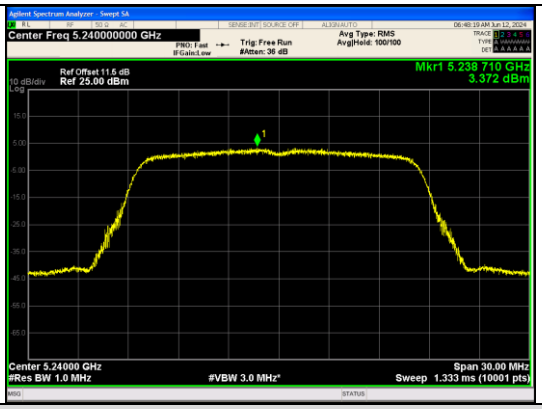
IEEE 802.11a_Channel 44_20MHz_Antenna 1



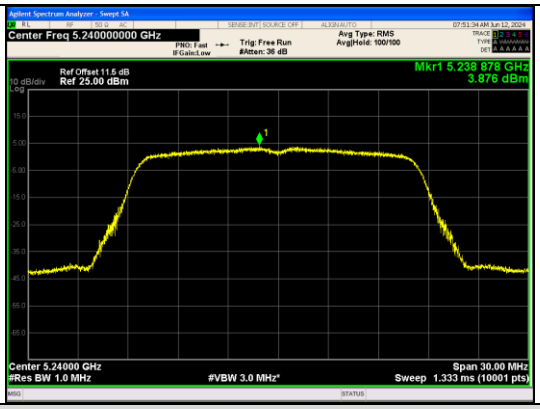
IEEE 802.11a_Channel 44_20MHz_Antenna 2



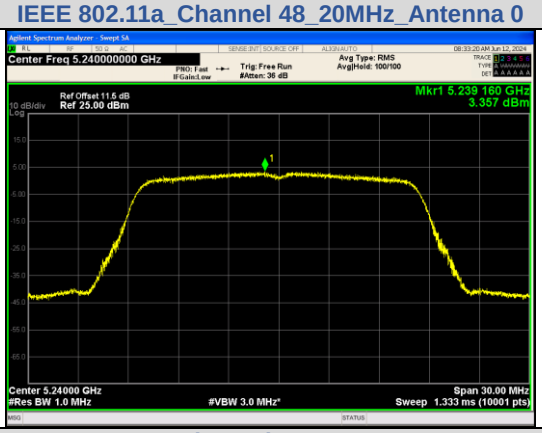
IEEE 802.11a_Channel 44_20MHz_Antenna 3



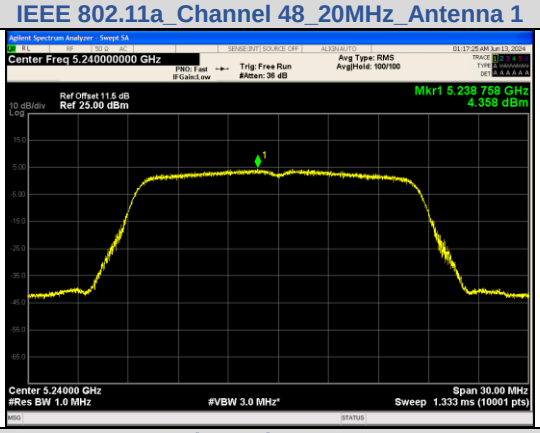
IEEE 802.11a_Channel 48_20MHz_Antenna 0



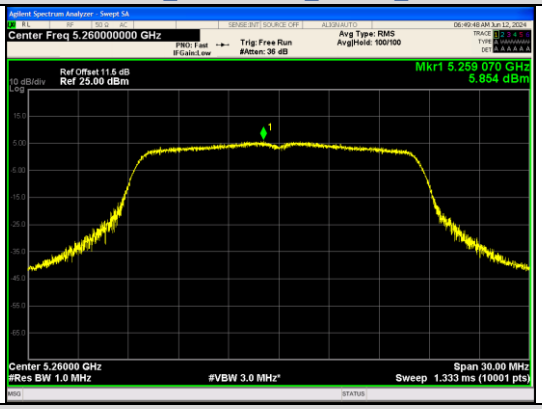
IEEE 802.11a_Channel 48_20MHz_Antenna 1



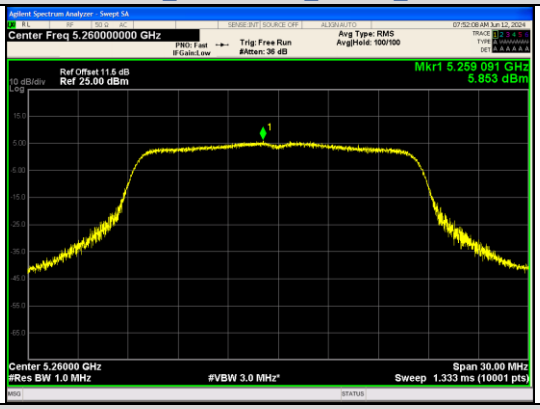
IEEE 802.11a_Channel 48_20MHz_Antenna 2



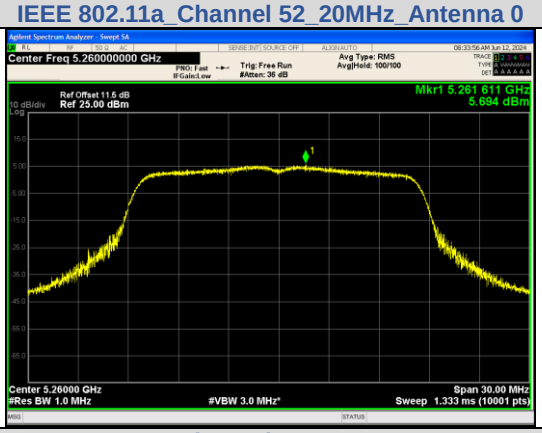
IEEE 802.11a_Channel 48_20MHz_Antenna 3



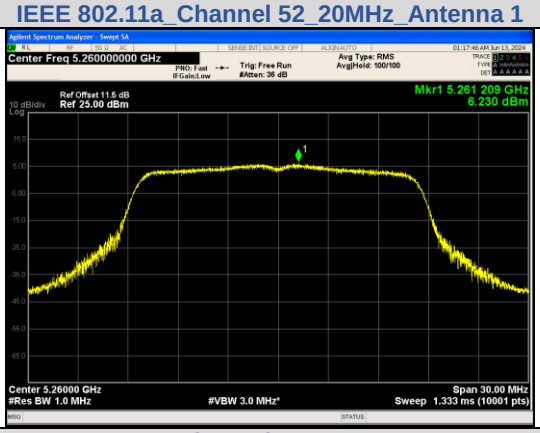
IEEE 802.11a_Channel 52_20MHz_Antenna 0



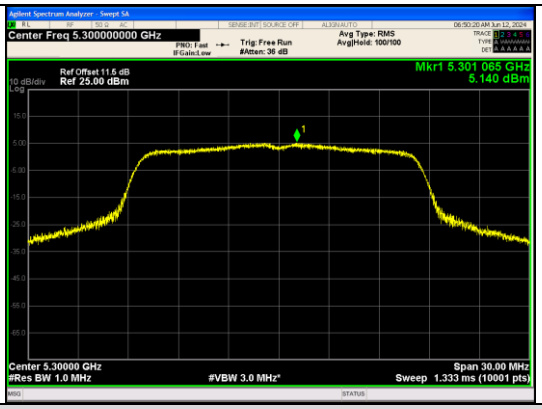
IEEE 802.11a_Channel 52_20MHz_Antenna 1



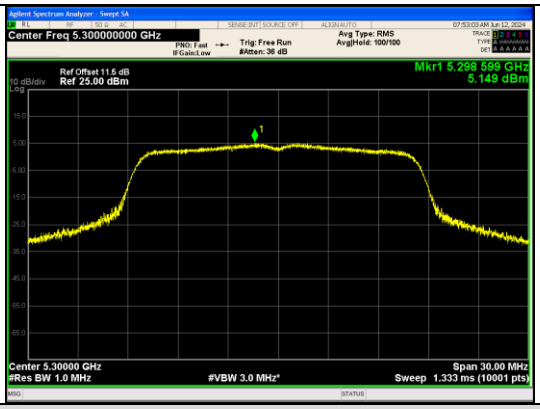
IEEE 802.11a_Channel 52_20MHz_Antenna 2



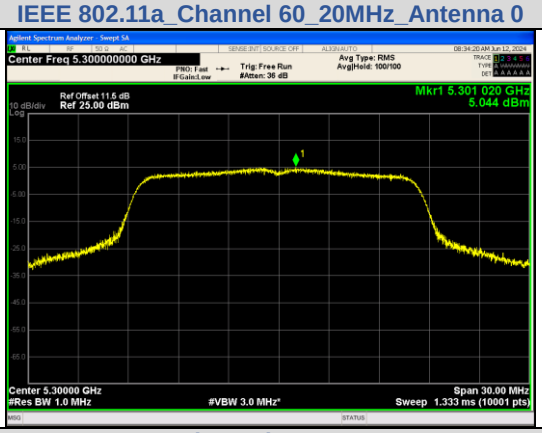
IEEE 802.11a_Channel 52_20MHz_Antenna 3



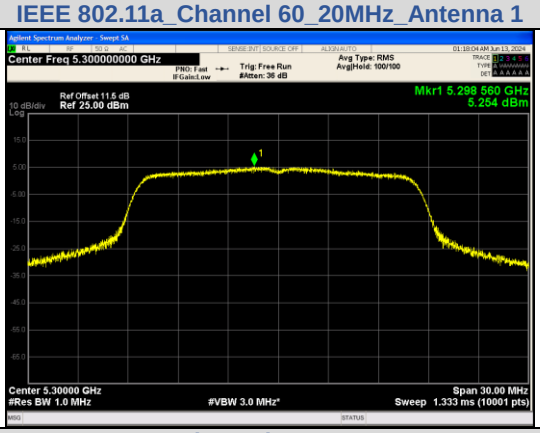
IEEE 802.11a_Channel 60_20MHz_Antenna 0



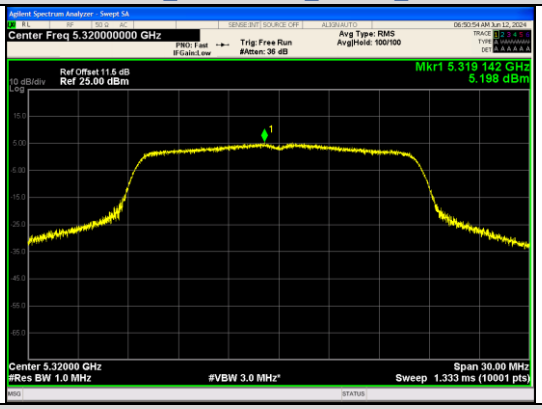
IEEE 802.11a_Channel 60_20MHz_Antenna 1



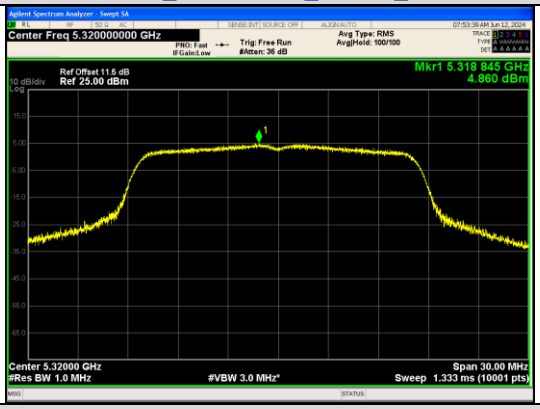
IEEE 802.11a_Channel 60_20MHz_Antenna 2



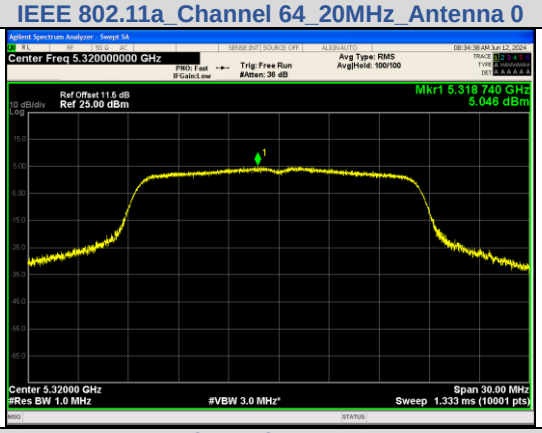
IEEE 802.11a_Channel 60_20MHz_Antenna 3



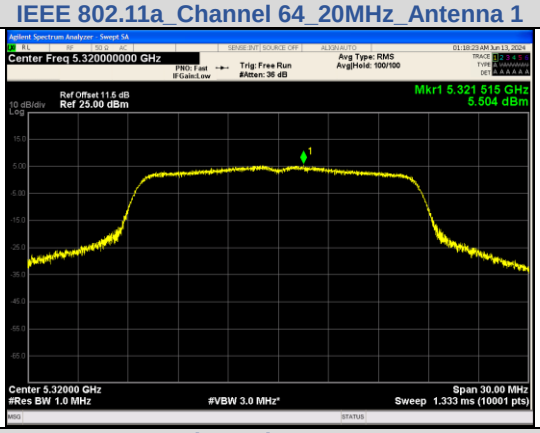
IEEE 802.11a_Channel 64_20MHz_Antenna 0



IEEE 802.11a_Channel 64_20MHz_Antenna 1



IEEE 802.11a_Channel 64_20MHz_Antenna 2



IEEE 802.11a_Channel 64_20MHz_Antenna 3