

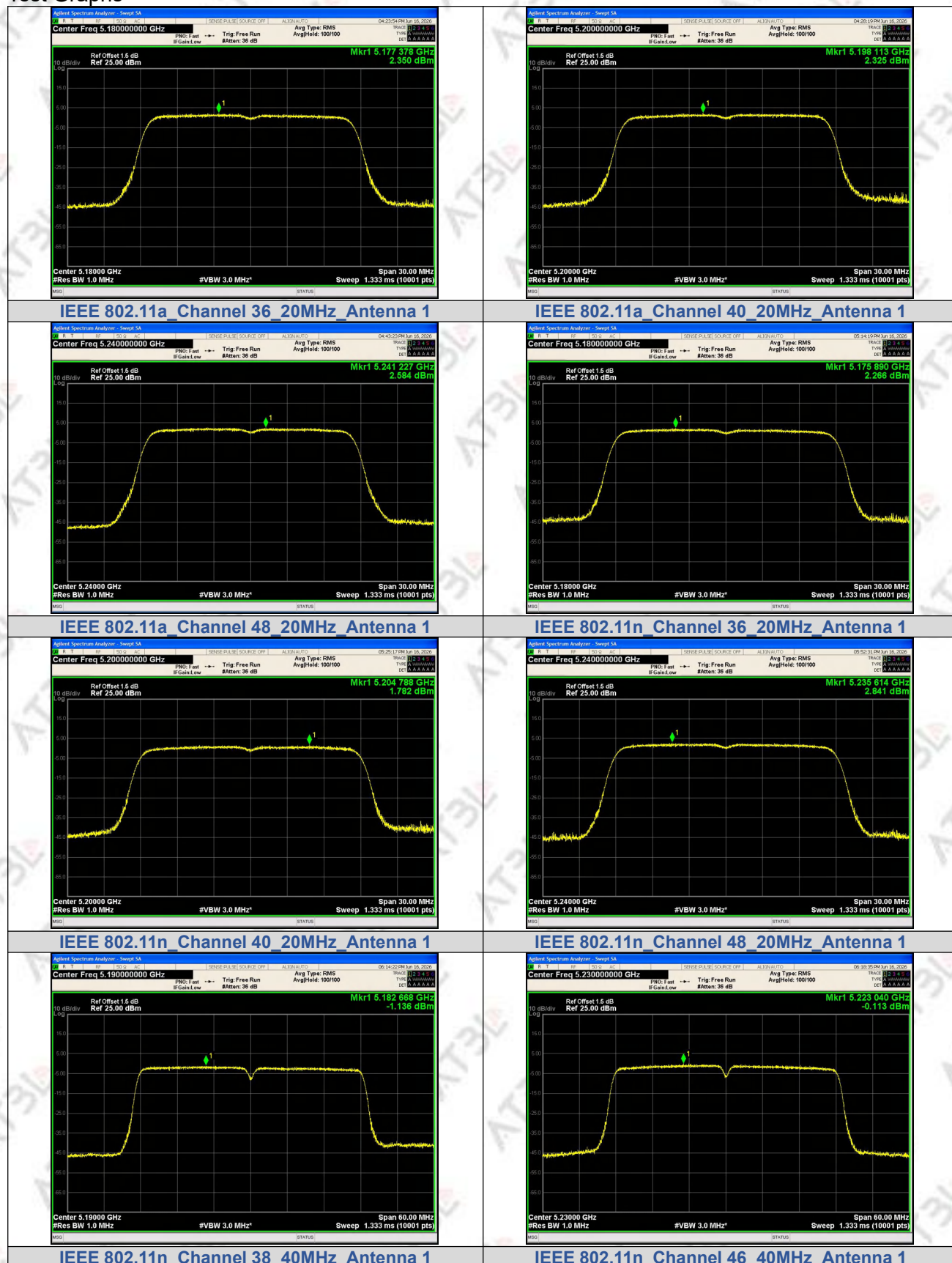
Mode	Channel	Ant.1 Corr'd PSD (dBm/500kHz)	Ant.2 Corr'd PSD (dBm/500kHz)	Total PSD (dBm/500kHz)	Limit (dBm/500kHz)	Result
IEEE 802.11a	149	0.288	-3.056	N/A	30	PASS
	157	1.221	0.731	N/A		PASS
	165	0.987	-0.275	N/A		PASS
IEEE 802.11n_20	149	-0.247	-3.155	1.548		PASS
	157	0.6	-2.225	2.424		PASS
	165	0.545	-0.127	3.232		PASS
IEEE 802.11n_40	151	-1.706	-2.688	0.841		PASS
	159	-2.046	-2.819	0.595		PASS
IEEE 802.11ac_20	149	0.298	-0.771	2.807		PASS
	157	0.892	0.087	3.518		PASS
	165	0.608	-0.04	3.306		PASS
IEEE 802.11ac_40	151	-1.728	-3.538	0.471		PASS
	159	-1.808	-2.878	0.700		PASS
IEEE 802.11ac_80	155	-5.589	-6.771	-3.130		PASS
IEEE 802.11ax_20	149	-0.079	-1.157	2.426		PASS
	157	0.858	-0.098	3.417		PASS
	165	1.239	-0.332	3.534		PASS
IEEE 802.11ax_40	151	-1.298	-2.713	1.062		PASS
	159	-1.46	-3.151	0.787		PASS
IEEE 802.11ax_80	155	-5.565	-6.453	-2.976		PASS

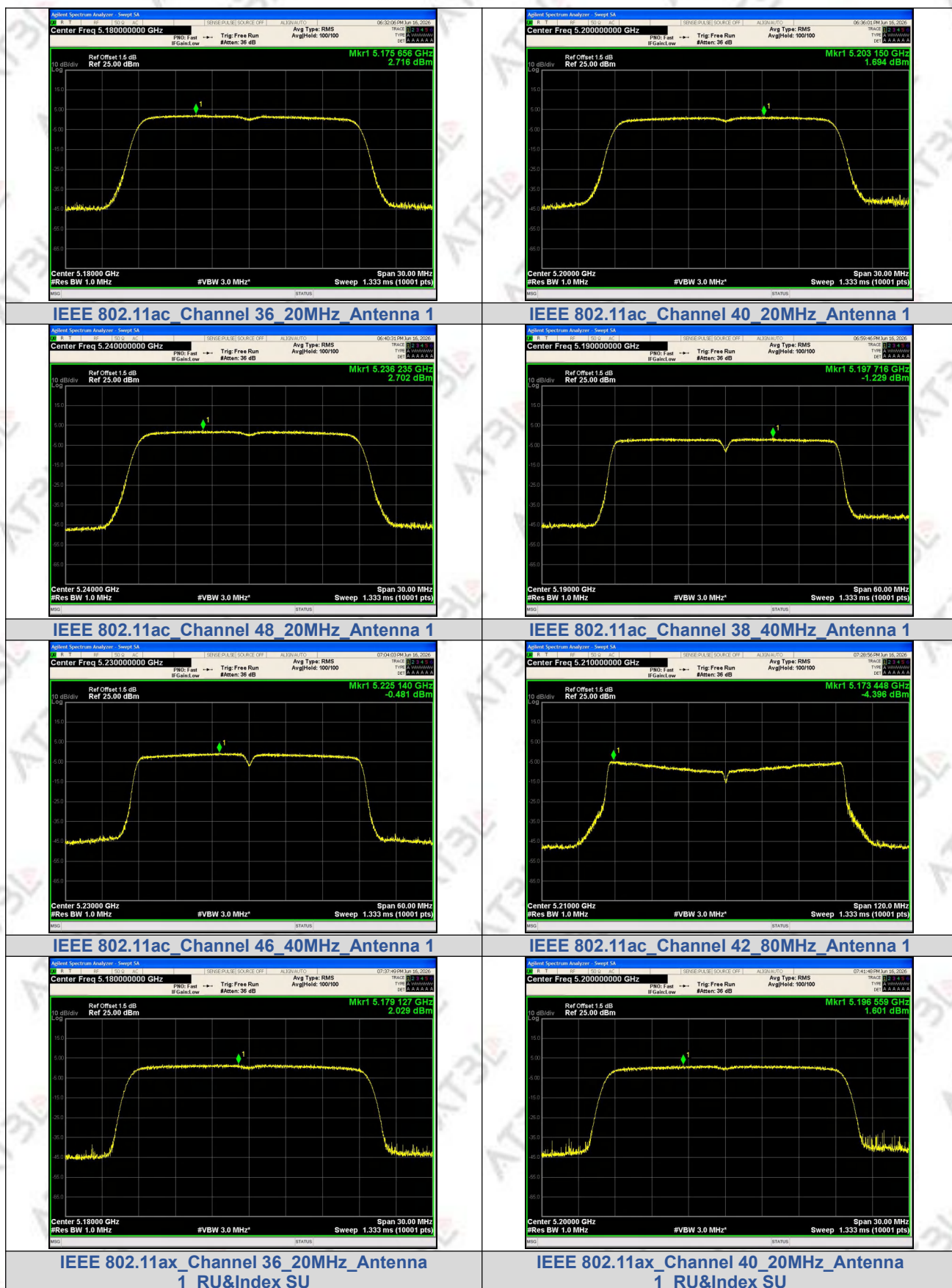
Note:

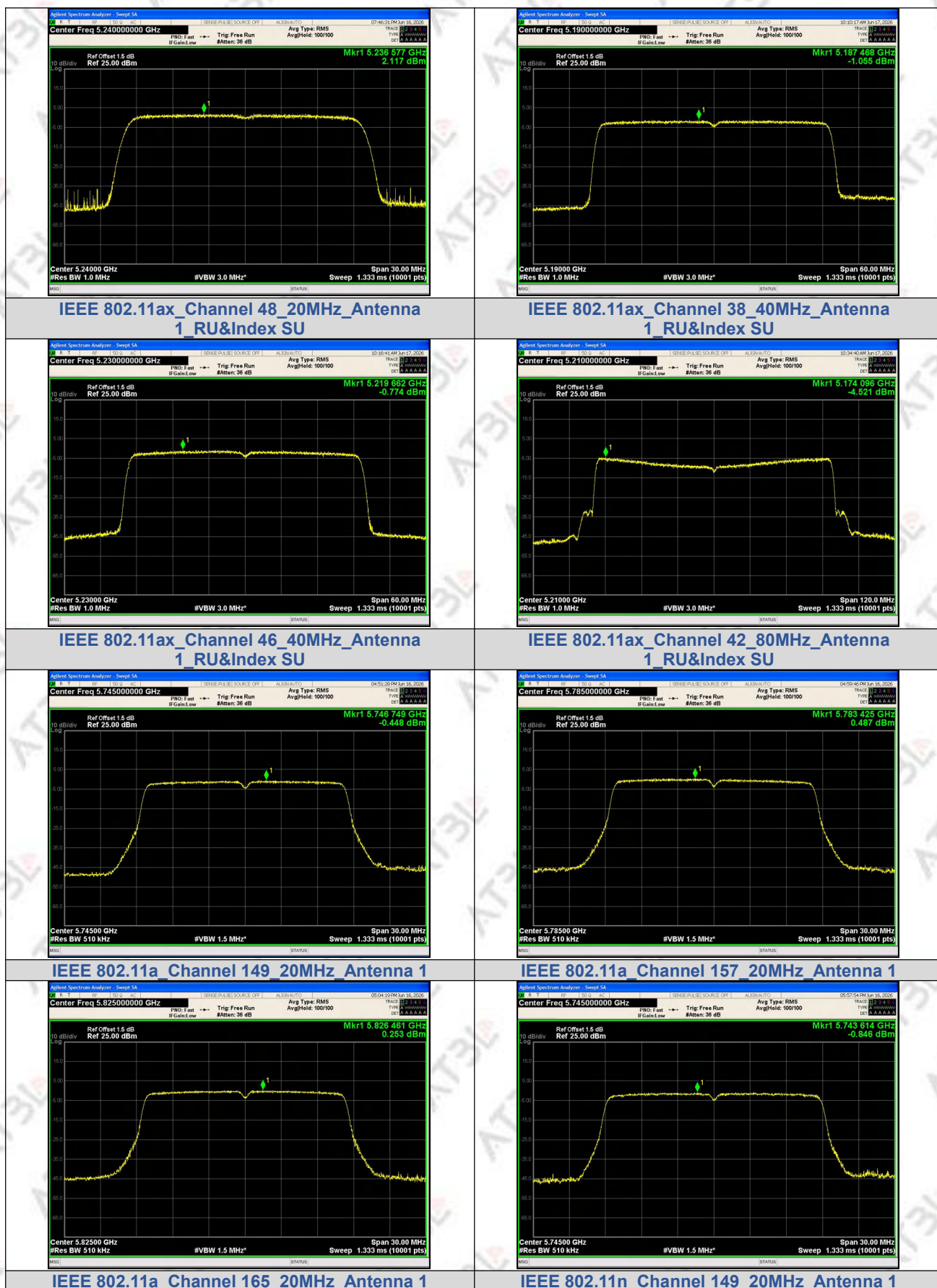
Corr'd PSD=Meas PSD+Duty Cycle Factor (dB).

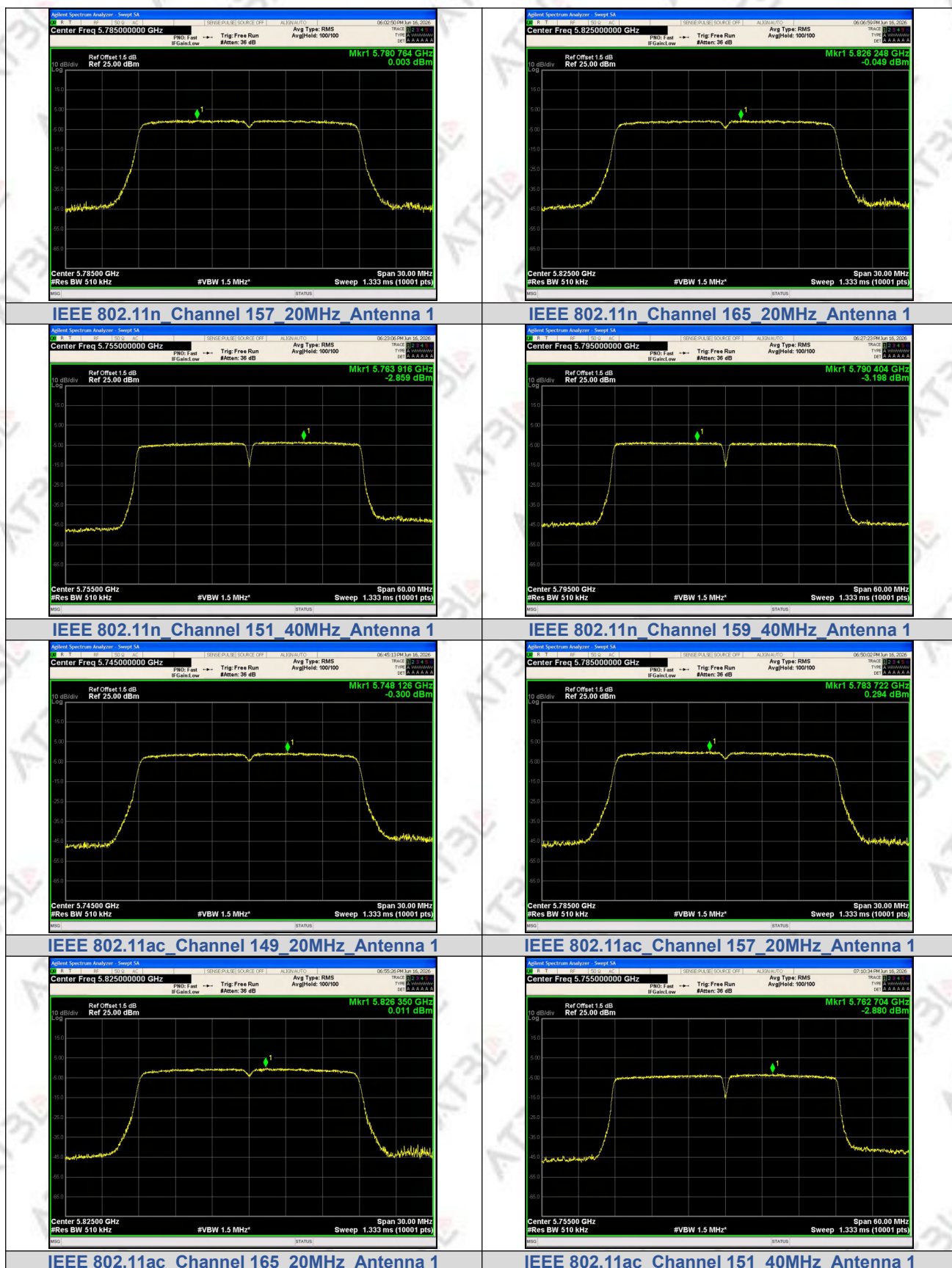
Duty cycle factor=10*log (1/duty cycle)

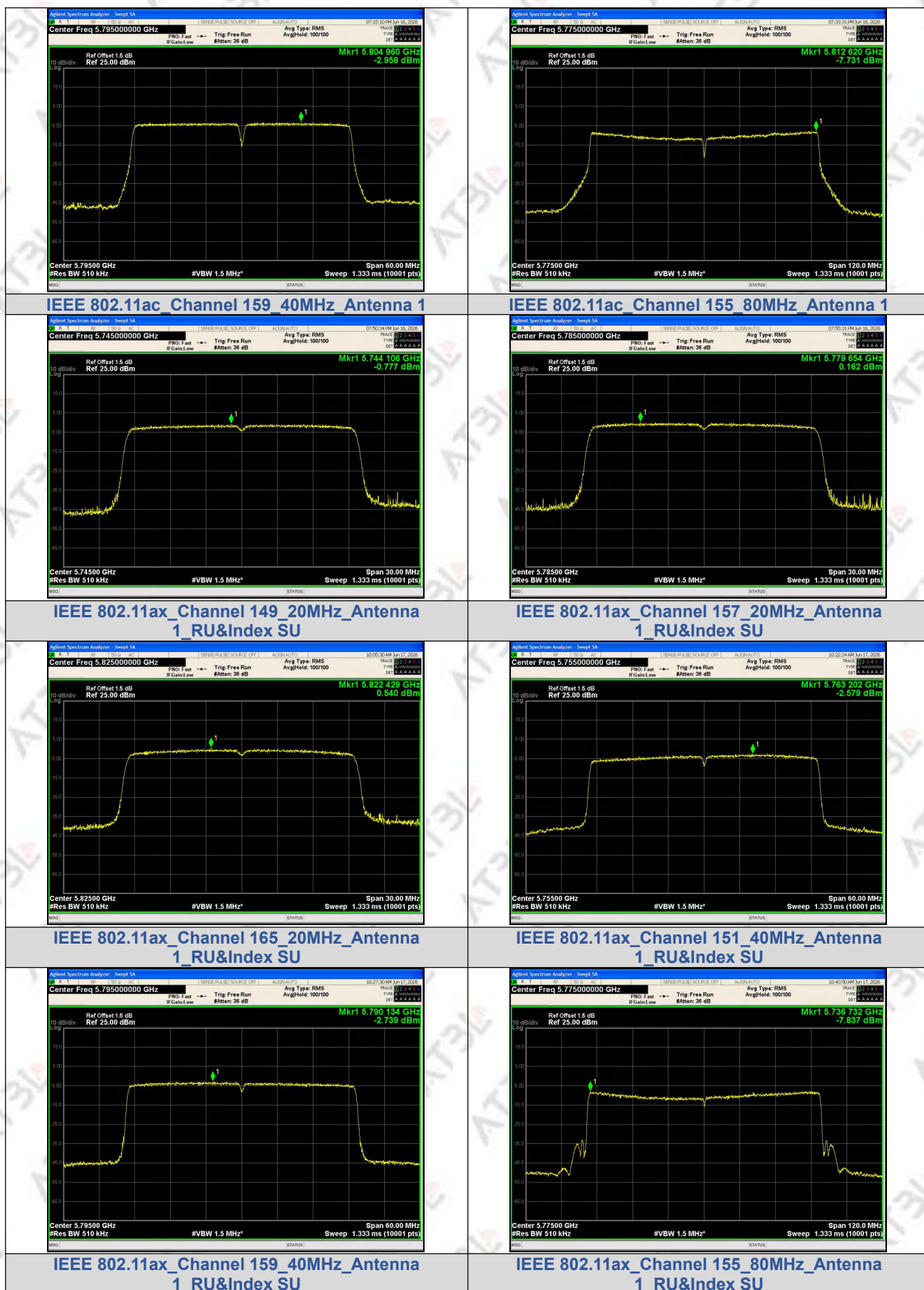
Test Graphs

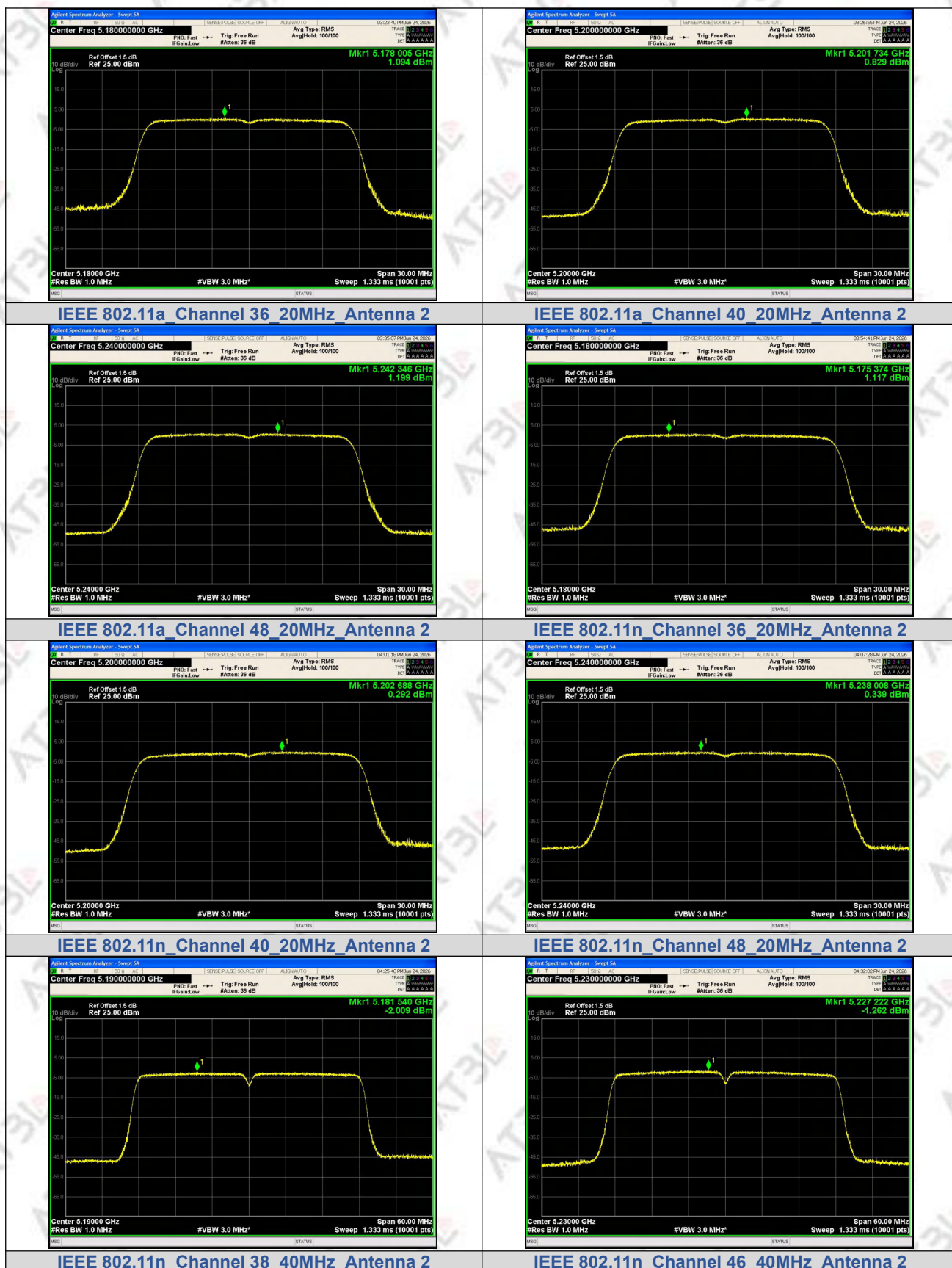


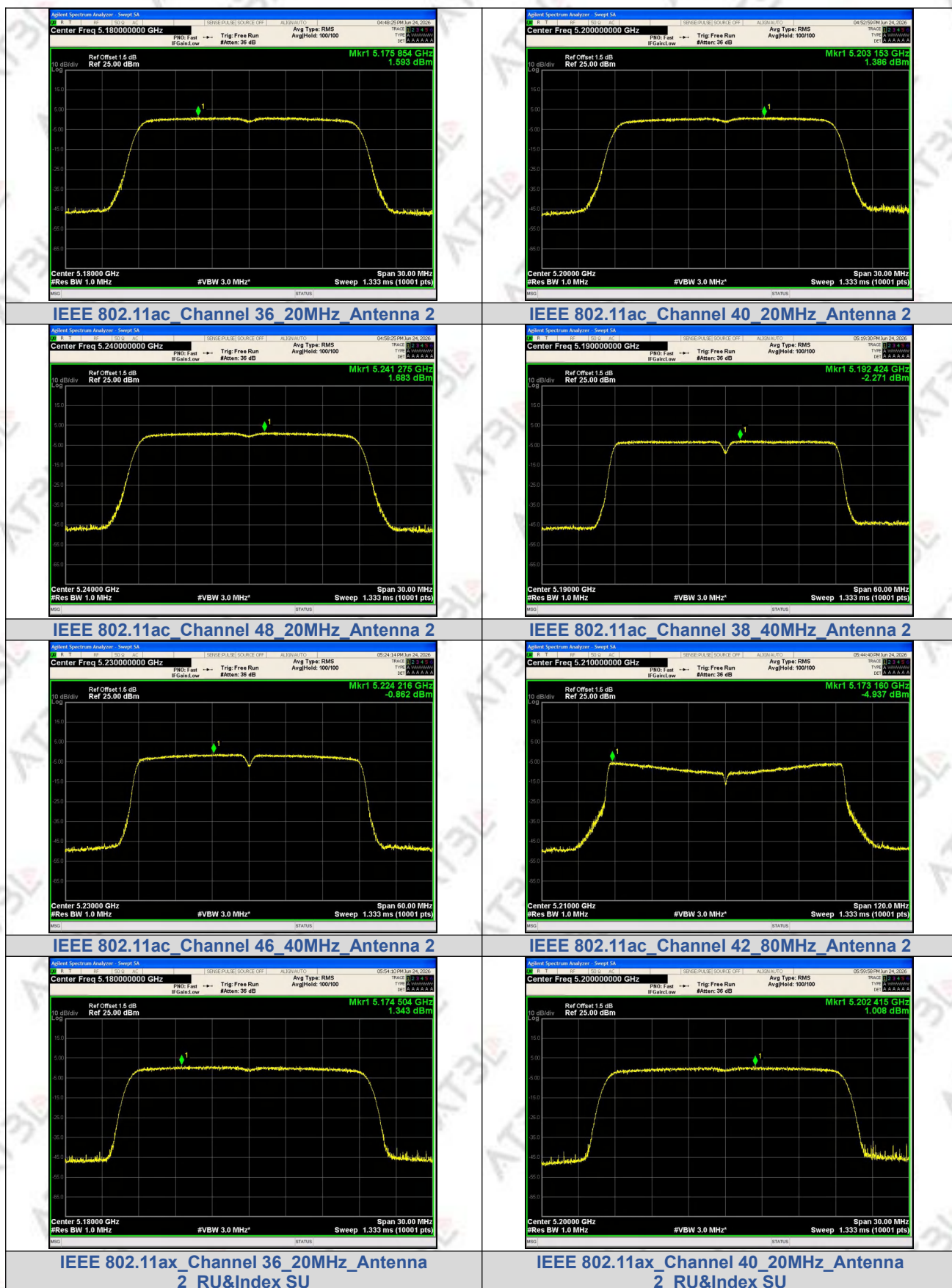


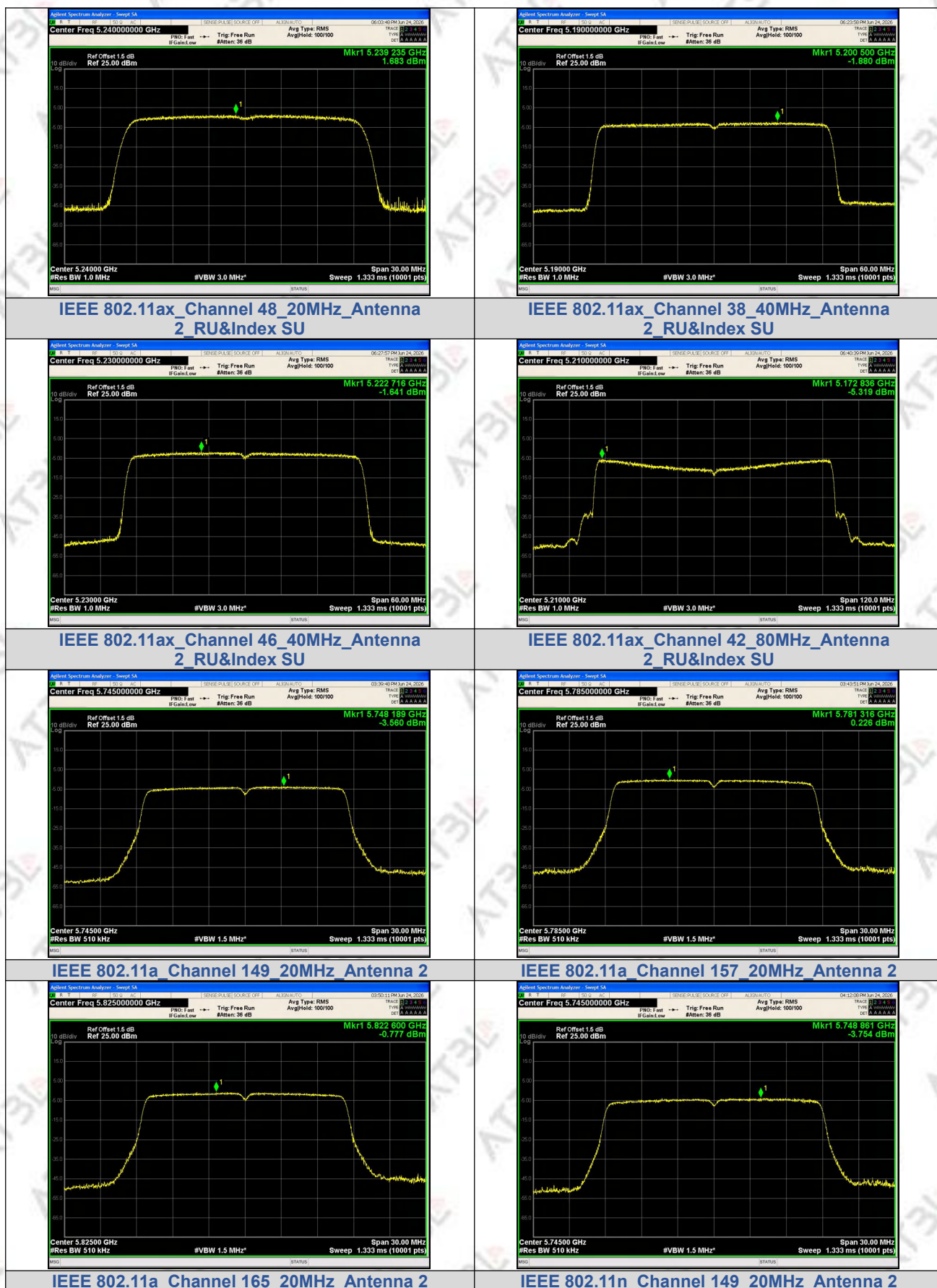


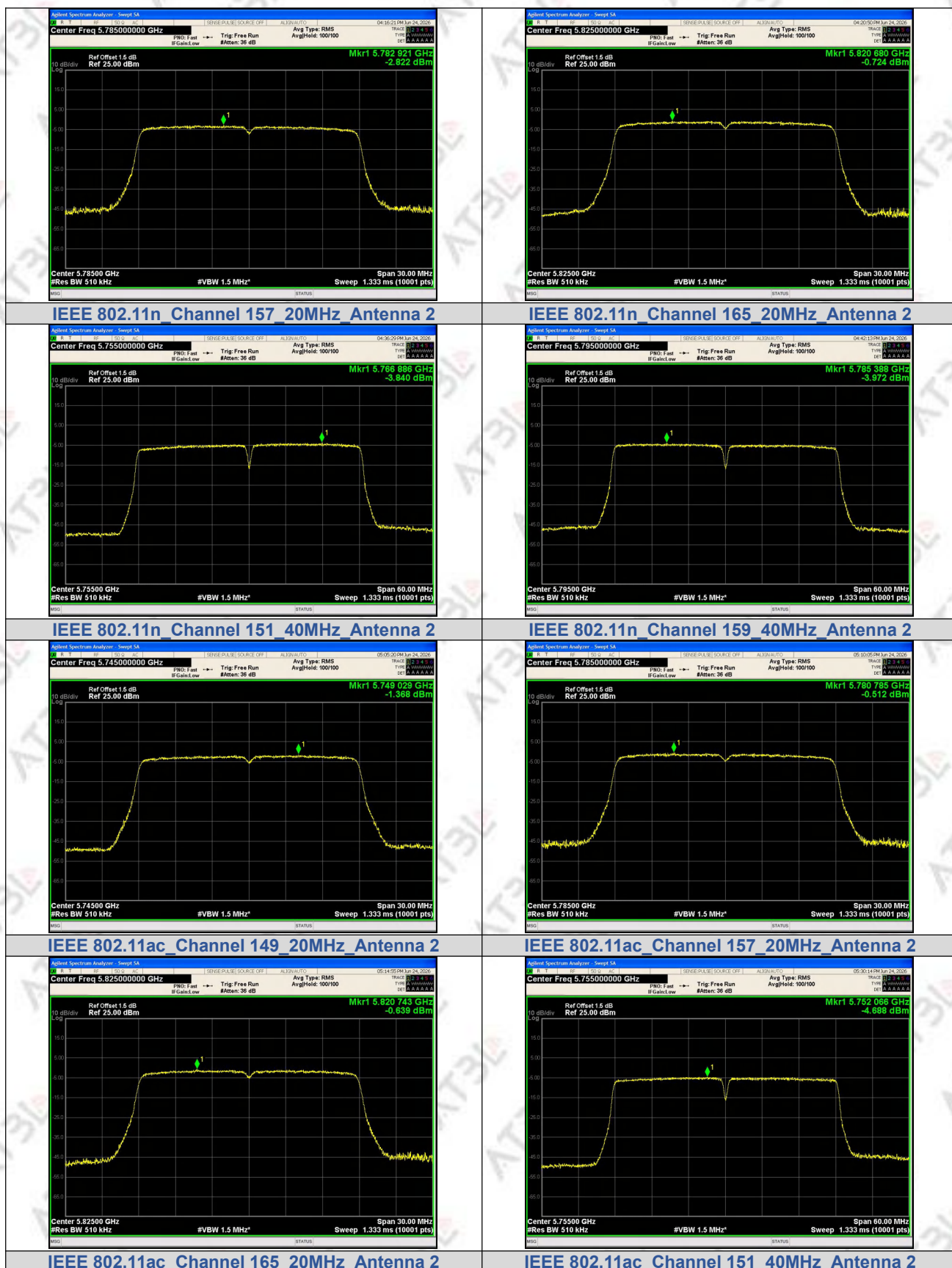


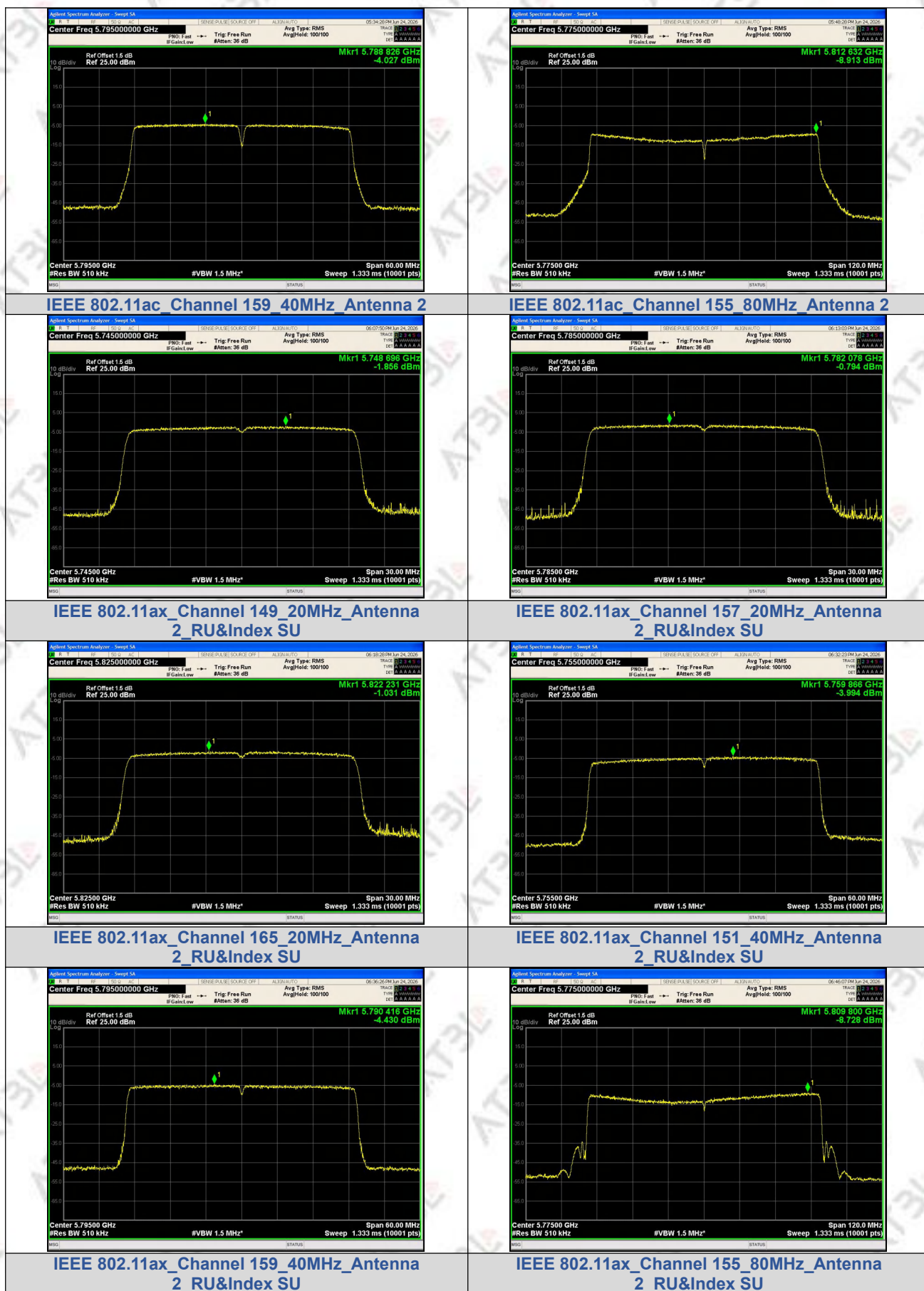












A5.Duty Cycle

Test Result

Antenna 1:

Mode	Data rates	Channel	Antenna	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)
IEEE 802.11a	6	36	1	4.032	4.529	89.04	0.8904	0.5041
		40		4.032	4.529	89.04	0.8904	0.5041
		48		2.699	3.197	84.41	0.8441	0.7361
IEEE 802.11n_20	36	3.369		3.866	87.15	0.8715	0.5973	
	40	1.152		1.652	69.73	0.6973	1.5658	
	48	3.373		3.867	87.22	0.8722	0.5938	
IEEE 802.11n_40	38	1.642		2.141	76.69	0.7669	1.1526	
	46	1.642		2.141	76.69	0.7669	1.1526	
IEEE 802.11ac_20	MCS 0	36		3.373	3.870	87.16	0.8716	0.5968
		40		3.373	3.870	87.16	0.8716	0.5968
		48		3.373	3.870	87.16	0.8716	0.5968
IEEE 802.11ac_40		38		1.646	2.145	76.74	0.7674	1.1498
		46		1.646	2.145	76.74	0.7674	1.1498
IEEE 802.11ac_80		42		0.785	1.285	61.07	0.6107	2.1417
IEEE 802.11ax_20		36		2.857	3.353	85.19	0.8519	0.6961
		40		2.857	3.353	85.19	0.8519	0.6961
		48		2.857	3.355	85.15	0.8515	0.6982
IEEE 802.11ax_40		38		1.457	1.956	74.49	0.7449	1.279
		46		1.456	1.956	74.44	0.7444	1.2819
IEEE 802.11ax_80		42		0.727	1.227	59.23	0.5923	2.2746

Mode	Data rates	Channel	Antenna	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)
IEEE 802.11a	6	149	1	2.699	3.197	84.41	0.8441	0.7361
		157		2.699	3.195	84.45	0.8445	0.734
		165		2.699	3.195	84.45	0.8445	0.734
IEEE 802.11n_20	149	3.369		3.867	87.11	0.8711	0.5993	
	157	3.371		3.867	87.16	0.8716	0.5968	
	165	3.373		3.867	87.22	0.8722	0.5938	
IEEE 802.11n_40	151	1.642		2.141	76.69	0.7669	1.1526	
	159	1.643		2.142	76.70	0.7670	1.152	
IEEE 802.11ac_20	MCS 0	149		3.373	3.872	87.13	0.8713	0.5983
		157		3.373	3.872	87.13	0.8713	0.5983
		165		3.373	3.870	87.16	0.8716	0.5968
IEEE 802.11ac_40		151		1.646	2.146	76.70	0.7670	1.152
		159		1.646	2.145	76.74	0.7674	1.1498
IEEE 802.11ac_80		155		0.785	1.285	61.07	0.6107	2.1417
IEEE		149		2.857	3.355	85.15	0.8515	0.6982

802.11ax_20		157		2.857	3.353	85.19	0.8519	0.6961
		165		2.855	3.353	85.14	0.8514	0.6987
IEEE 802.11ax_40		151		1.457	1.957	74.45	0.7445	1.2814
		159		1.457	1.956	74.49	0.7449	1.279
IEEE 802.11ax_80		155		0.727	1.228	59.26	0.5926	2.2724

Antenna 2:

Antenna 2:									
Mode	Data rates	Channel	Antenna	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)	
IEEE 802.11a	6	36	2	4.032	4.529	89.04	0.8904	0.5041	
		40		4.031	4.529	89.00	0.8900	0.5061	
		48		4.032	4.527	89.08	0.8908	0.5022	
IEEE 802.11n_20	MCS 0	36		3.367	3.866	87.11	0.8711	0.5993	
		40		3.369	3.867	87.11	0.8711	0.5993	
		48		3.369	3.866	87.15	0.8715	0.5973	
IEEE 802.11n_40		38		1.642	2.141	76.69	0.7669	1.1526	
		46		1.643	2.142	76.70	0.7670	1.152	
IEEE 802.11ac_20		36		3.377	3.871	87.24	0.8724	0.5928	
		40		3.372	3.870	87.12	0.8712	0.5988	
		48		3.373	3.870	87.16	0.8716	0.5968	
IEEE 802.11ac_40		38		1.646	2.146	76.70	0.7670	1.152	
		46		1.647	2.146	76.75	0.7675	1.1492	
IEEE 802.11ac_80		42		0.785	1.285	61.07	0.6107	2.1417	
IEEE 802.11ax_20		MCS 0		36	2.857	3.355	85.15	0.8515	0.6982
				40	2.857	3.353	85.19	0.8519	0.6961
				48	2.857	3.355	85.15	0.8515	0.6982
IEEE 802.11ax_40				38	1.457	1.956	74.49	0.7449	1.279
				46	1.457	1.956	74.49	0.7449	1.279
IEEE 802.11ax_80				42	0.727	1.227	59.23	0.5923	2.2746