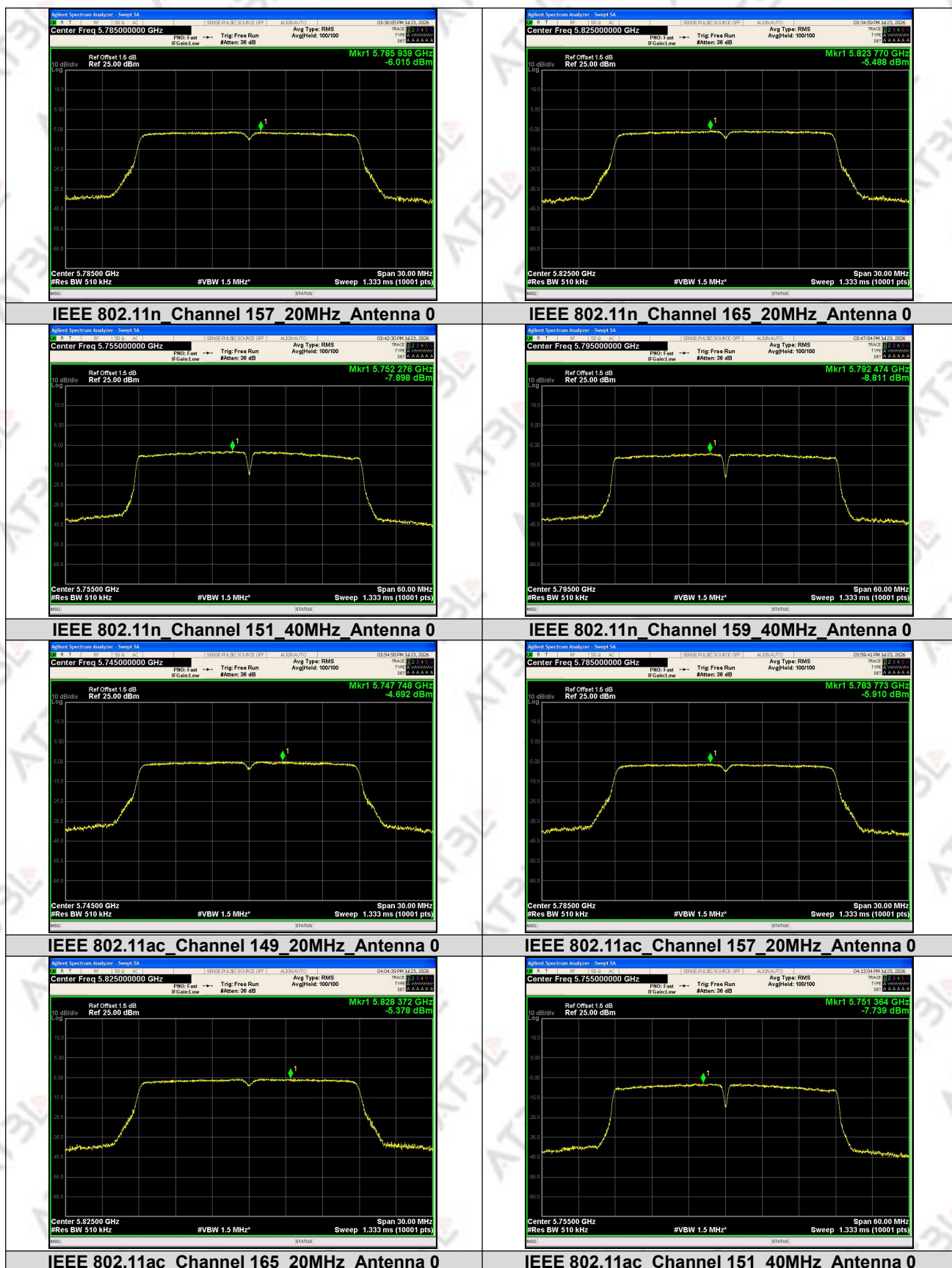
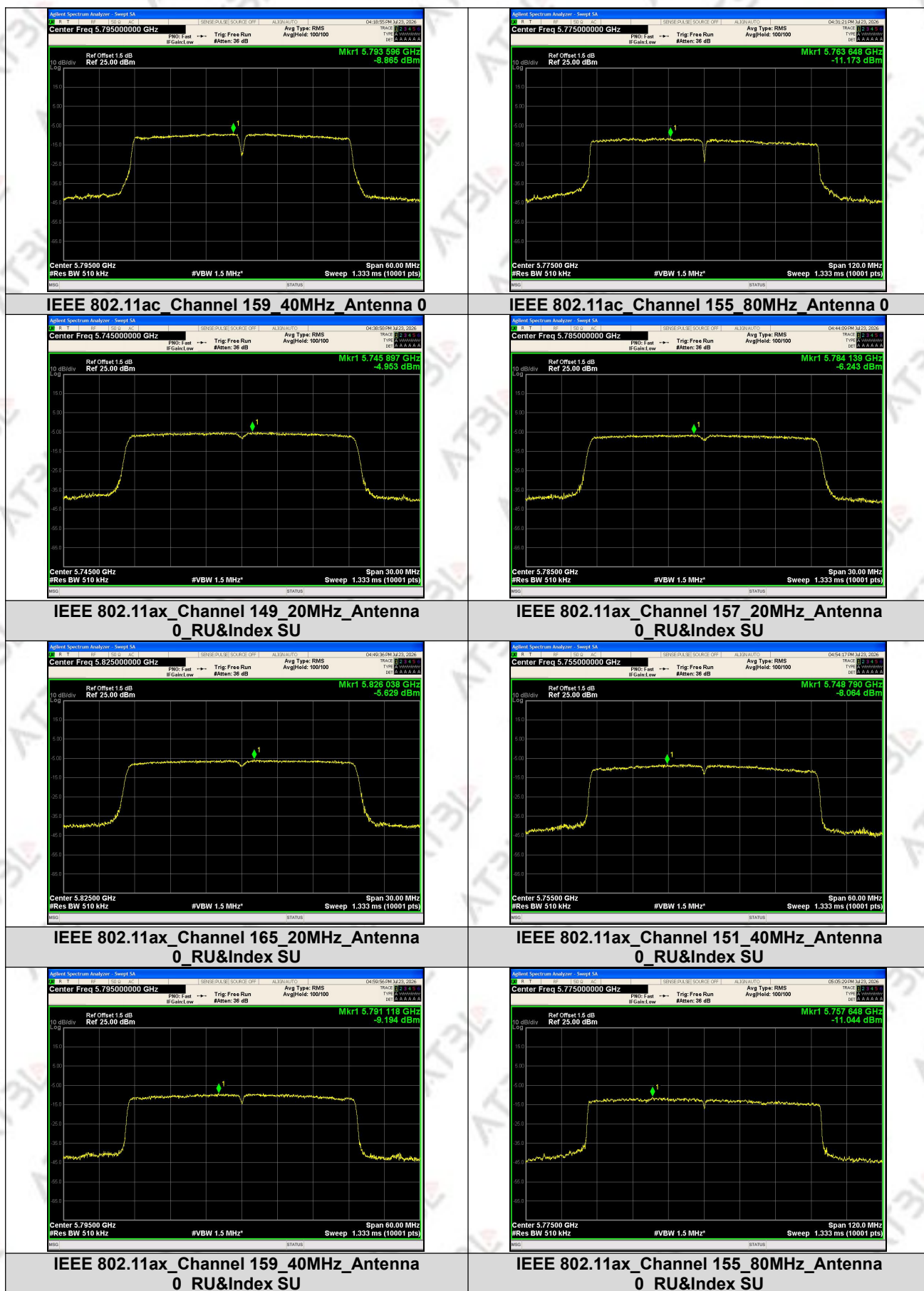






A5.Frequency Stability

Test Result

Frequency Stability Versus Temp.									
Operating Frequency: 5180MHz									
Temp (°C)	Power Supply (Vac)	0 Minute		2 Minute		5 Minute		10 Minute	
		Measured Frequency (MHz)	Frequency Drift (ppm)	Measured Frequency (MHz)	Frequency Drift (ppm)	Measured Frequency (MHz)	Frequency Drift (ppm)	Measured Frequency (MHz)	Frequency Drift (ppm)
50	3.93V	5180.1780	6.91	5180.306	7.06	5180.327	7.29	5180.1780	6.91
40	3.93V	5180.1740	6.69	5180.298	6.82	5180.322	7.10	5180.1740	6.69
30	3.93V	5180.1760	6.51	5180.302	6.65	5180.325	6.88	5180.1760	6.51
20	3.93V	5180.1810	6.71	5180.308	6.86	5180.329	7.08	5180.1810	6.71
10	3.93V	5180.1720	6.31	5180.299	6.44	5180.323	6.69	5180.1720	6.31
0	3.93V	5180.1830	6.70	5180.341	6.84	5180.364	6.87	5180.1830	6.70
-10	3.93V	5180.1770	6.71	5180.332	6.86	5180.353	6.90	5180.1770	6.71
-20	3.93V	5180.1710	6.89	5180.323	7.02	5180.347	7.07	5180.1710	6.89
-30	3.93V	5180.1730	6.70	5180.295	6.84	5180.316	6.86	5180.1730	6.70

Frequency Stability Versus Temp.									
Operating Frequency: 5180MHz									
Temp (°C)	Power Supply (Vac)	0 Minute		2 Minute		5 Minute		10 Minute	
		Measured Frequency (MHz)	Frequency Drift (ppm)	Measured Frequency (MHz)	Frequency Drift (ppm)	Measured Frequency (MHz)	Frequency Drift (ppm)	Measured Frequency (MHz)	Frequency Drift (ppm)
20	4.52V	5180.1748	6.91	5180.303	7.06	5180.3238	7.29	5180.1748	6.91
	3.93V	5180.1718	6.69	5180.296	6.82	5180.3198	7.10	5180.1718	6.69
	3.34V	5180.1718	6.51	5180.298	6.65	5180.3208	6.88	5180.1718	6.51

Frequency Stability Versus Temp.									
Operating Frequency: 5825MHz									
Temp (°C)	Power Supply (Vac)	0 Minute		2 Minute		5 Minute		10 Minute	
		Measured Frequency (MHz)	Frequency Drift (ppm)	Measured Frequency (MHz)	Frequency Drift (ppm)	Measured Frequency (MHz)	Frequency Drift (ppm)	Measured Frequency (MHz)	Frequency Drift (ppm)
50	3.93V	5825.1763	6.07	5825.304	6.22	5825.3253	6.45	5825.1763	6.07
40	3.93V	5825.1719	5.98	5825.296	6.11	5825.3199	6.39	5825.1719	5.98
30	3.93V	5825.1730	5.84	5825.299	5.98	5825.322	6.21	5825.1730	5.84
20	3.93V	5825.1777	5.97	5825.305	6.12	5825.3257	6.34	5825.1777	5.97
10	3.93V	5825.1702	5.69	5825.297	5.82	5825.3212	6.07	5825.1702	5.69
0	3.93V	5825.1764	5.91	5825.334	6.05	5825.3574	6.08	5825.1764	5.91
-10	3.93V	5825.1736	5.95	5825.329	6.10	5825.3496	6.14	5825.1736	5.95
-20	3.93V	5825.1694	6.07	5825.321	6.20	5825.3454	6.25	5825.1694	6.07
-30	3.93V	5825.1709	5.99	5825.293	6.13	5825.3139	6.15	5825.1709	5.99

Frequency Stability Versus Temp.									
Operating Frequency: 5825MHz									
Temp (°C)	Power Supply (Vac)	0 Minute		2 Minute		5 Minute		10 Minute	
		Measured Frequency (MHz)	Frequency Drift (ppm)	Measured Frequency (MHz)	Frequency Drift (ppm)	Measured Frequency (MHz)	Frequency Drift (ppm)	Measured Frequency (MHz)	Frequency Drift (ppm)
20	4.52V	5825.2011	6.08	5825.329	6.23	5825.3501	6.46	5825.2011	6.08
	3.93V	5825.1979	6.23	5825.322	6.36	5825.3459	6.64	5825.1979	6.23
	3.34V	5825.1989	5.93	5825.325	6.07	5825.3479	6.30	5825.1989	5.93

Criterion: Pass

*****END*****