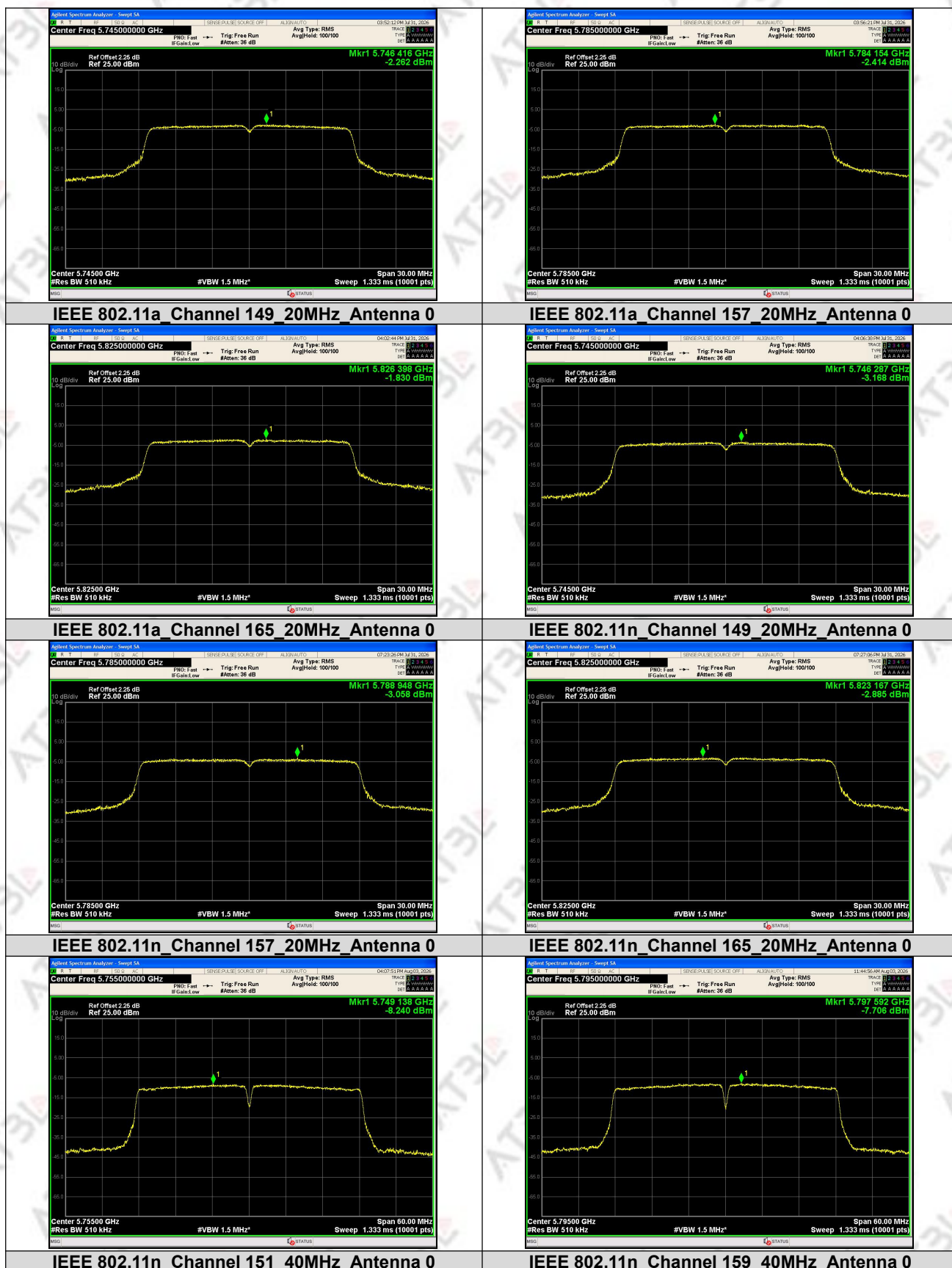
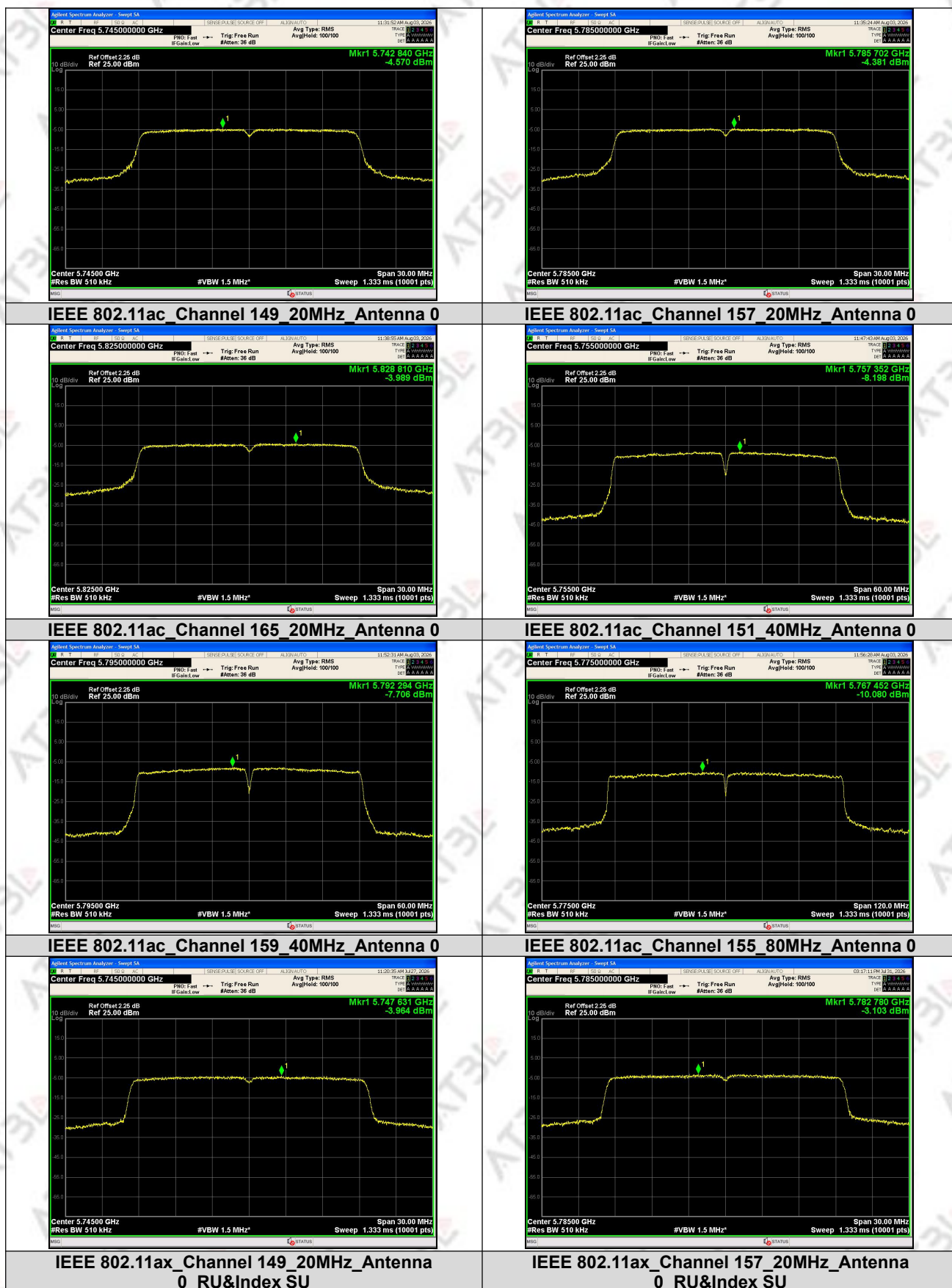
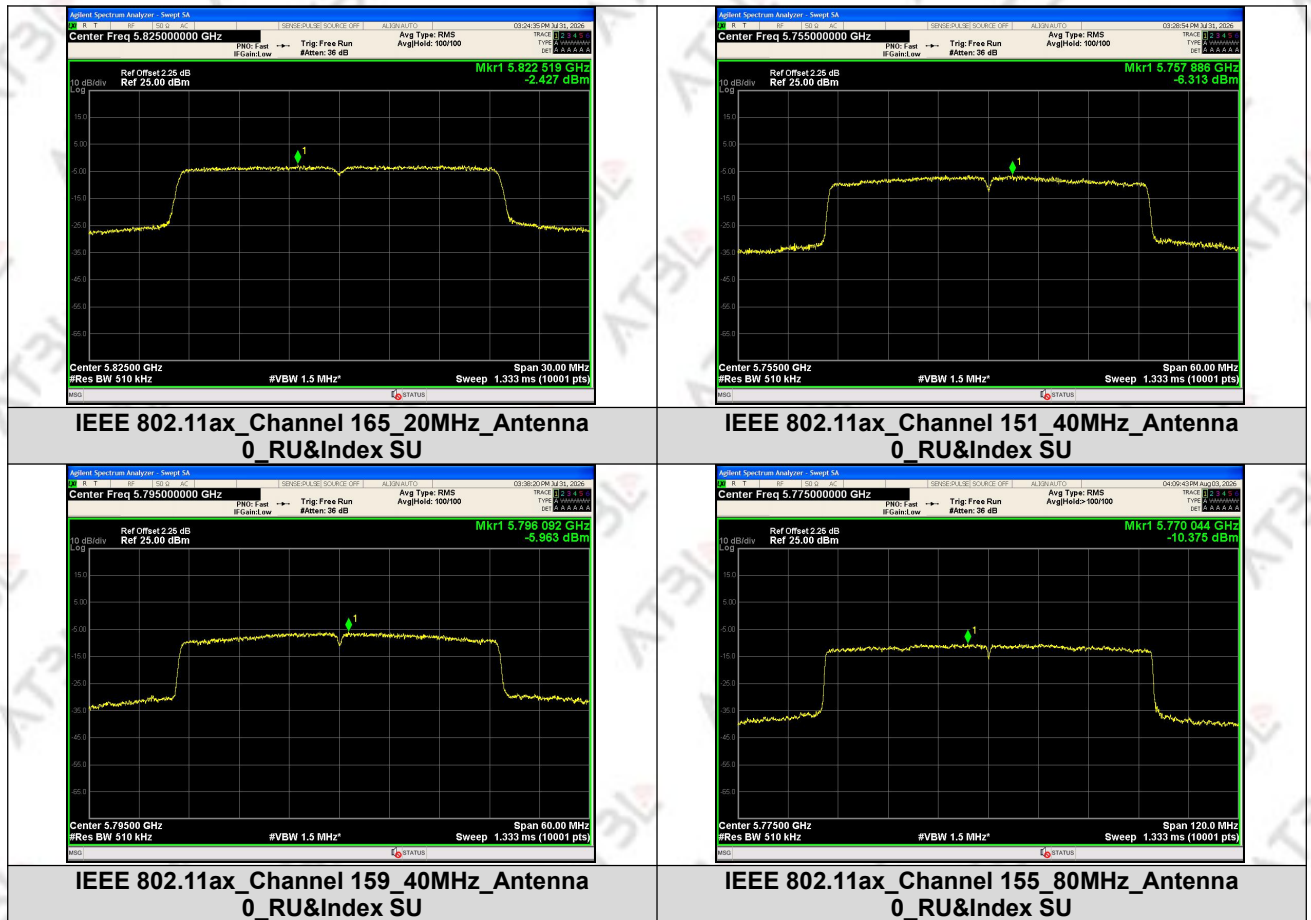








A5.Frequency Stability

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	3.83V	5180.041	7.82	5180.043	7.82	5180.045	8.75	5180.047	9.14
40	3.83V	5180.047	9.01	5180.048	9.01	5180.050	9.57	5180.044	8.41
30	3.83V	5180.047	9.07	5180.043	9.07	5180.042	8.10	5180.043	8.37
20	3.83V	5180.050	9.59	5180.042	9.59	5180.049	9.53	5180.049	9.40
10	3.83V	5180.042	8.11	5180.040	8.11	5180.044	8.57	5180.046	8.92
0	3.83V	5180.047	9.10	5180.045	9.10	5180.048	9.29	5180.041	7.90
-10	3.83V	5180.045	8.72	5180.048	8.72	5180.048	9.18	5180.041	8.01
-20	3.83V	5180.047	9.10	5180.042	9.10	5180.044	8.43	5180.043	8.40
-30	3.83V	5180.043	8.28	5180.041	8.28	5180.040	7.74	5180.041	7.83

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	4.40V	5180.043	8.31	5180.044	8.31	5180.042	8.18	5180.045	8.75
	3.83V	5180.050	9.56	5180.044	9.56	5180.047	9.01	5180.043	8.27
	3.26V	5180.047	8.99	5180.044	8.99	5180.043	8.37	5180.042	8.17

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	3.83V	5825.037	6.30	5825.034	6.30	5825.038	6.49	5825.032	5.55
40	3.83V	5825.040	6.83	5825.035	6.83	5825.035	6.09	5825.035	5.98
30	3.83V	5825.030	5.15	5825.030	5.15	5825.037	6.27	5825.035	5.99
20	3.83V	5825.034	5.89	5825.040	5.89	5825.034	5.85	5825.037	6.29
10	3.83V	5825.034	5.80	5825.037	5.80	5825.040	6.81	5825.040	6.82
0	3.83V	5825.039	6.77	5825.037	6.77	5825.036	6.20	5825.039	6.75
-10	3.83V	5825.031	5.31	5825.038	5.31	5825.038	6.52	5825.033	5.63
-20	3.83V	5825.036	6.11	5825.033	6.11	5825.033	5.60	5825.031	5.27
-30	3.83V	5825.030	5.15	5825.033	5.15	5825.040	6.82	5825.034	5.90

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	4.40V	5825.033	5.60	5825.039	5.60	5825.038	6.49	5825.037	6.35
	3.83V	5825.030	5.23	5825.034	5.23	5825.035	5.93	5825.036	6.26
	3.26V	5825.033	5.73	5825.030	5.73	5825.030	5.23	5825.034	5.84

Criterion: Pass

*****END*****