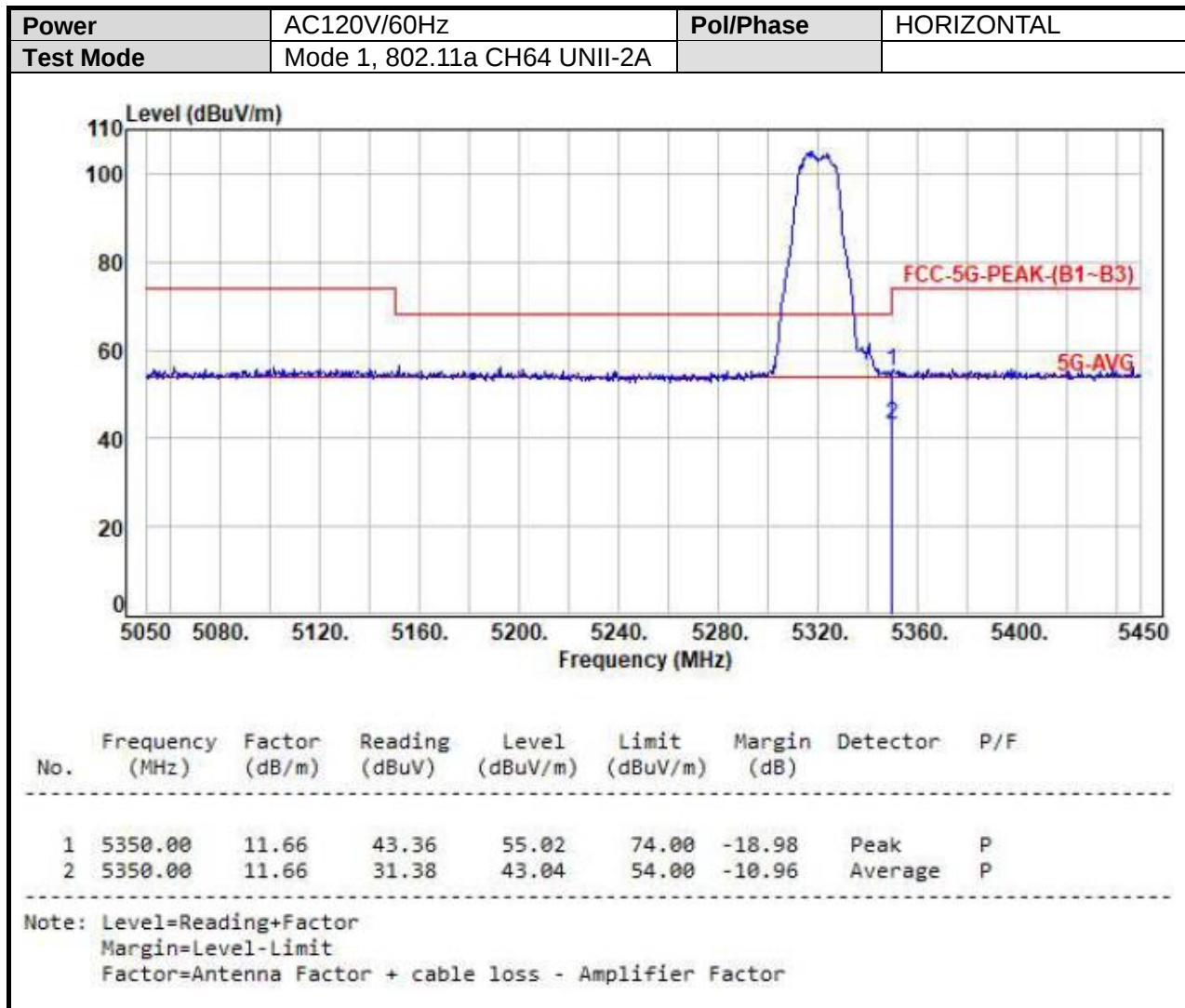
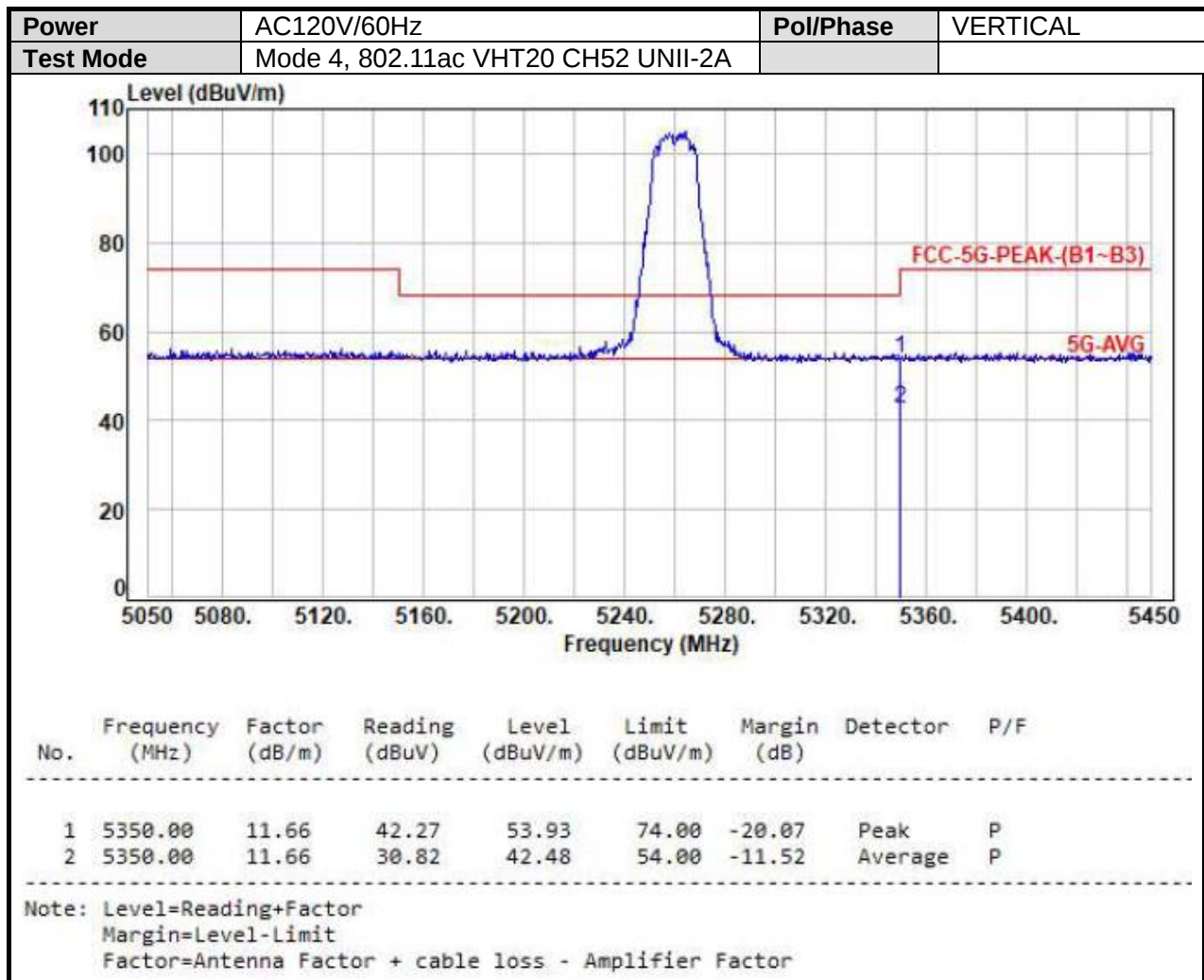
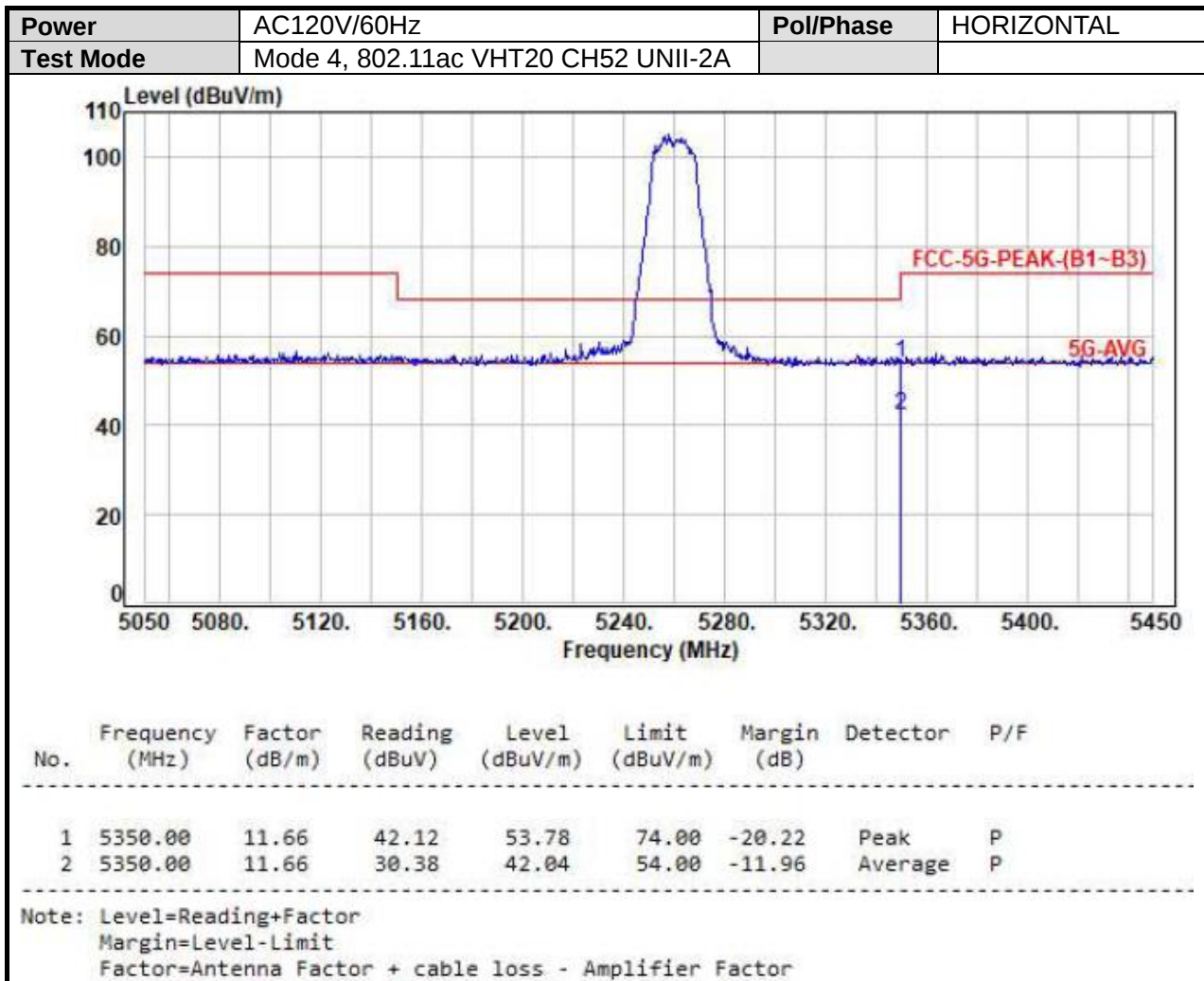
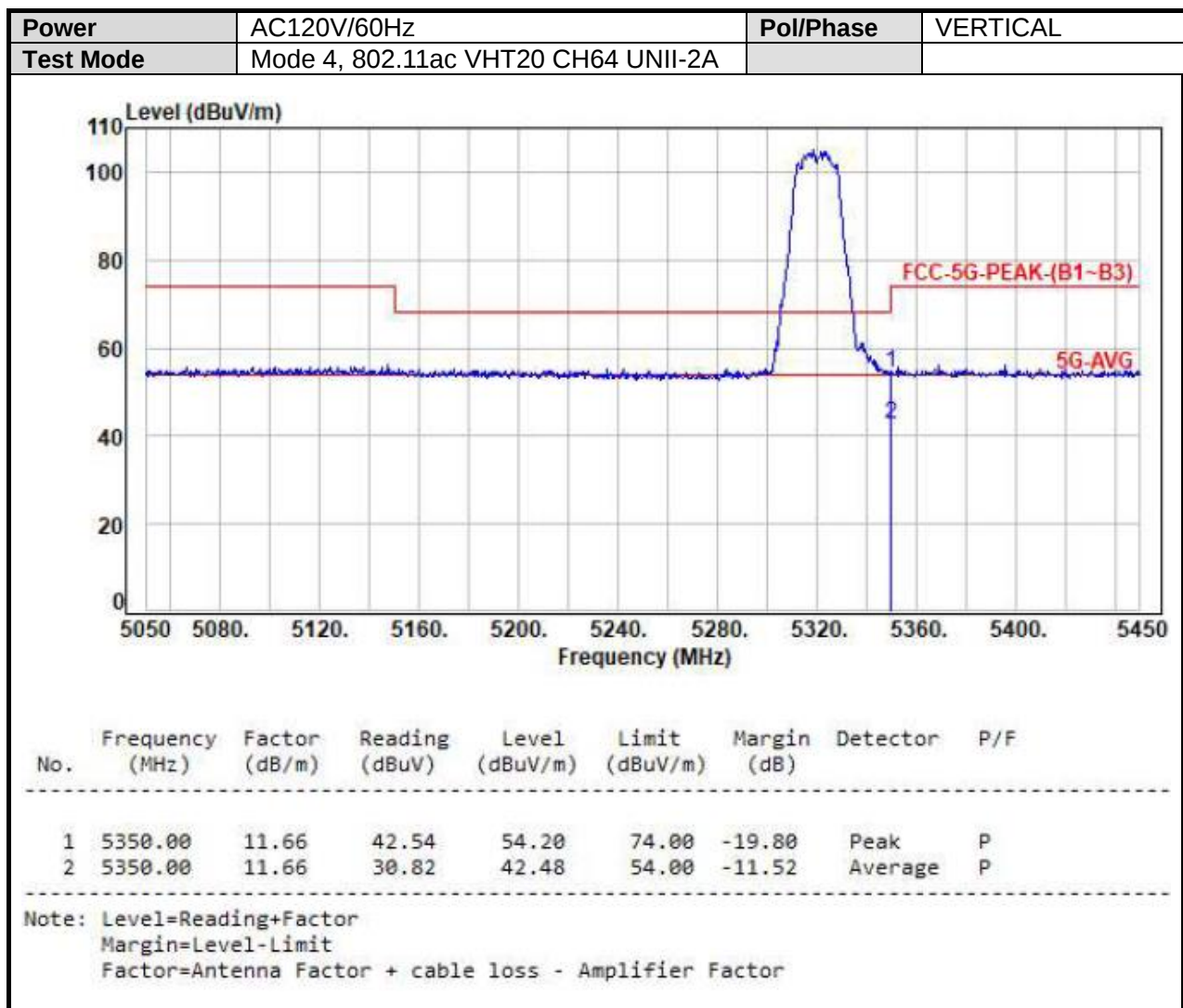
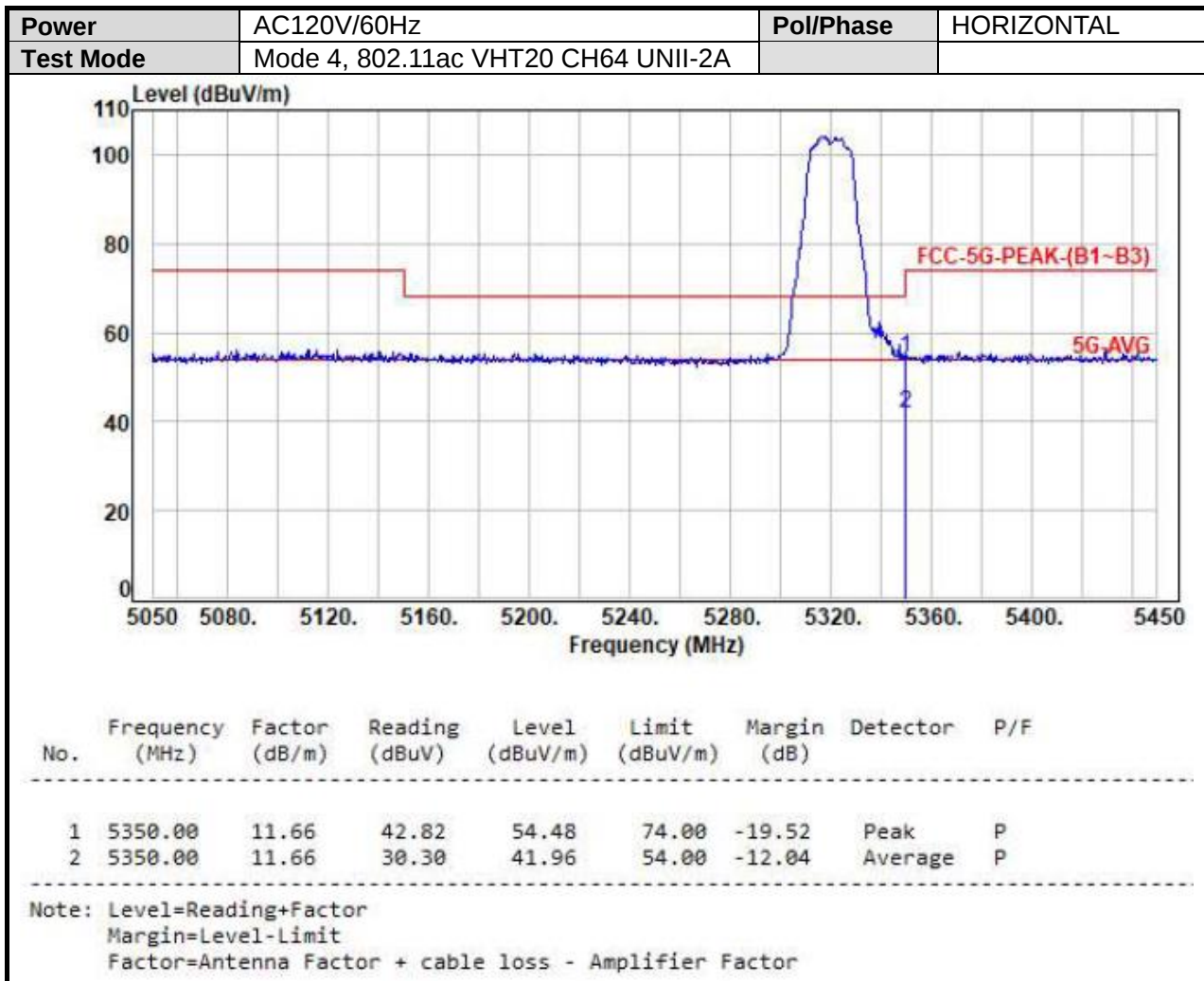


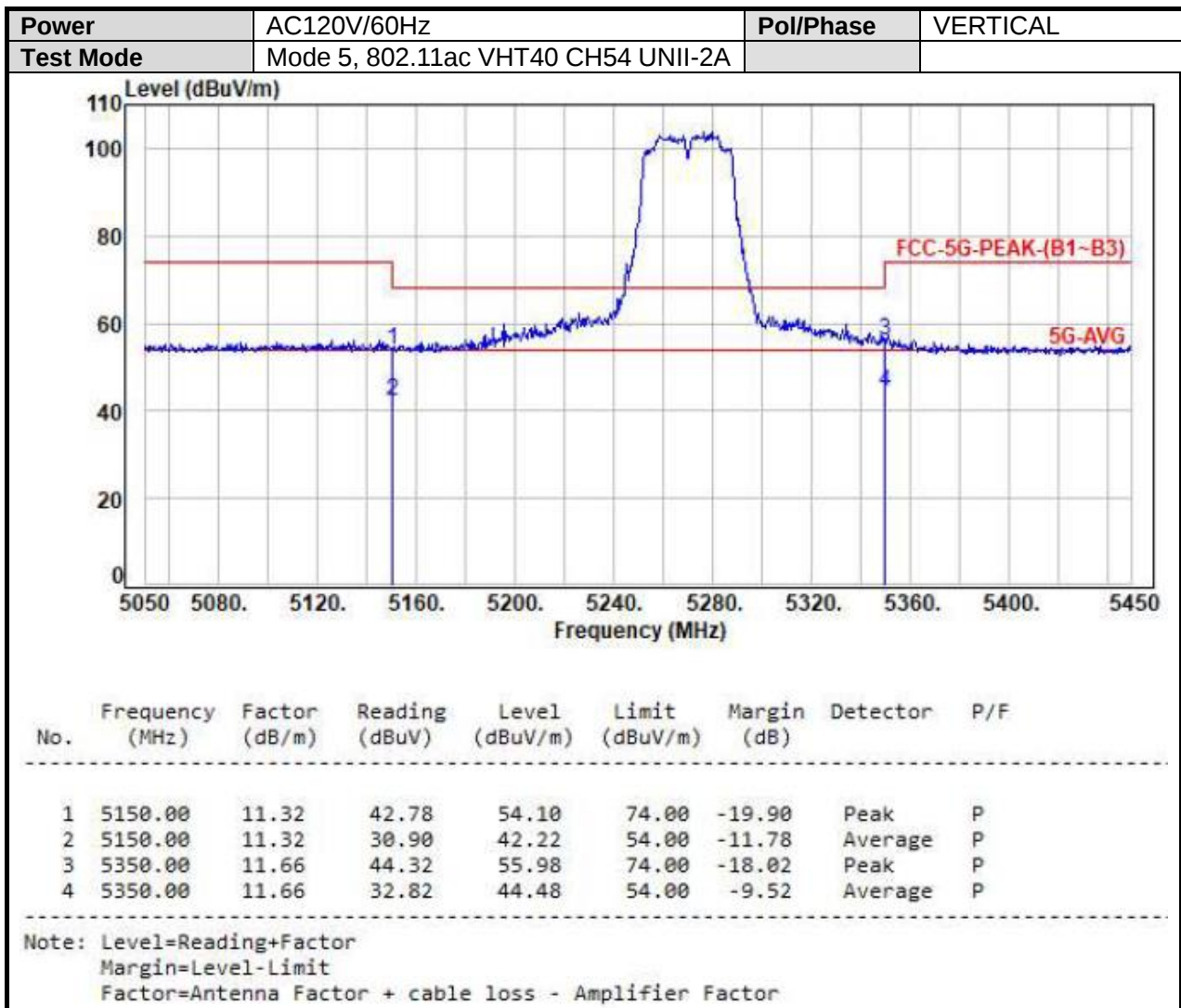


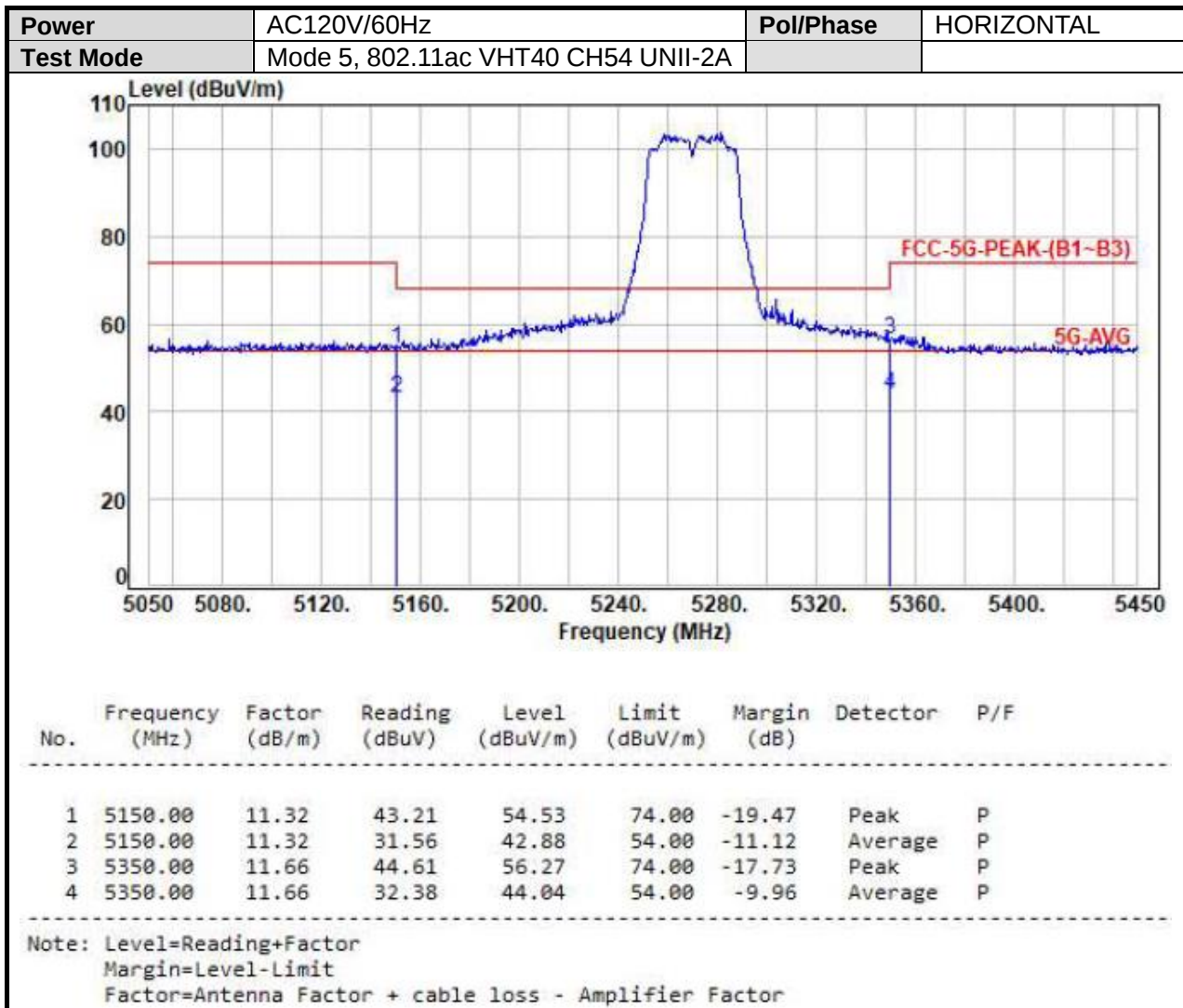


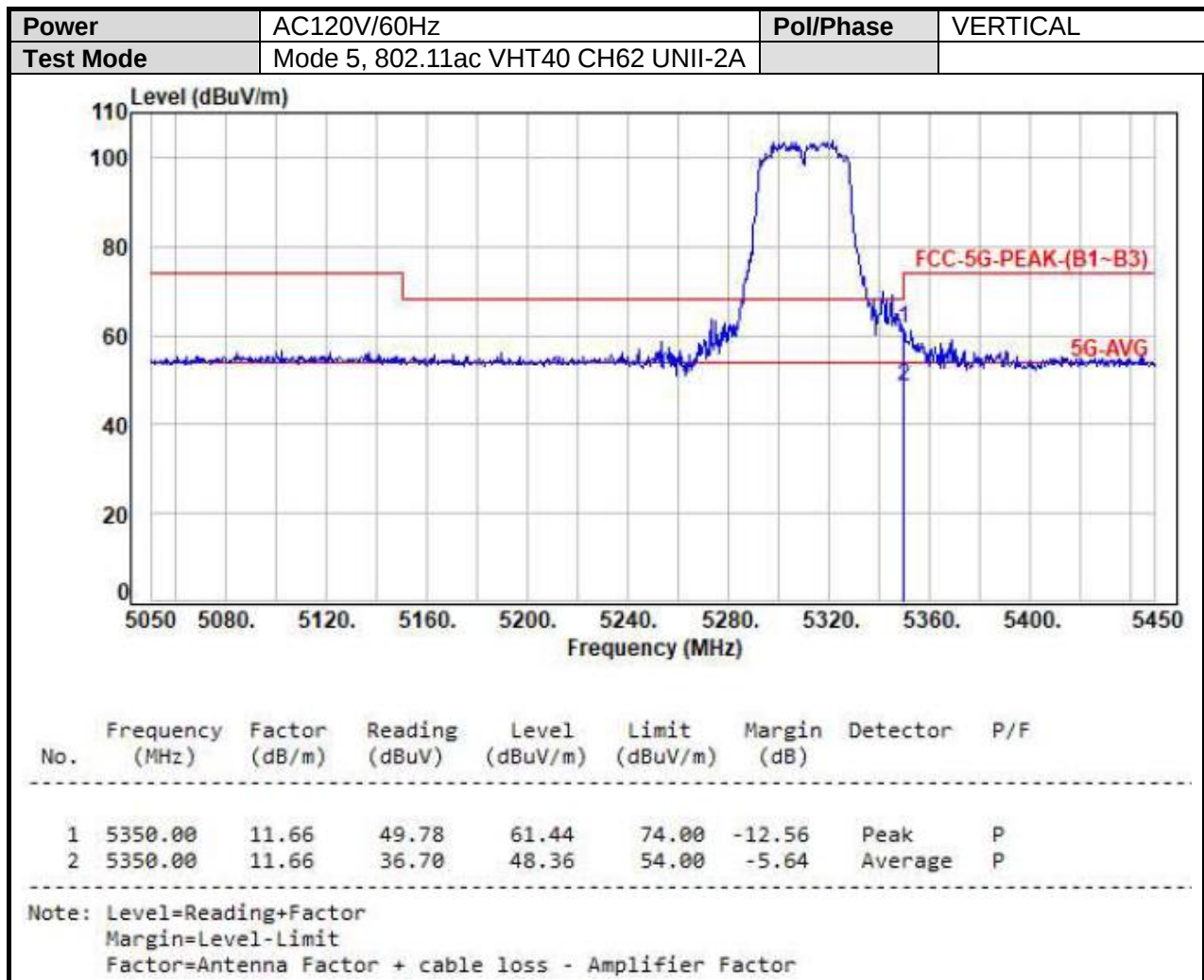


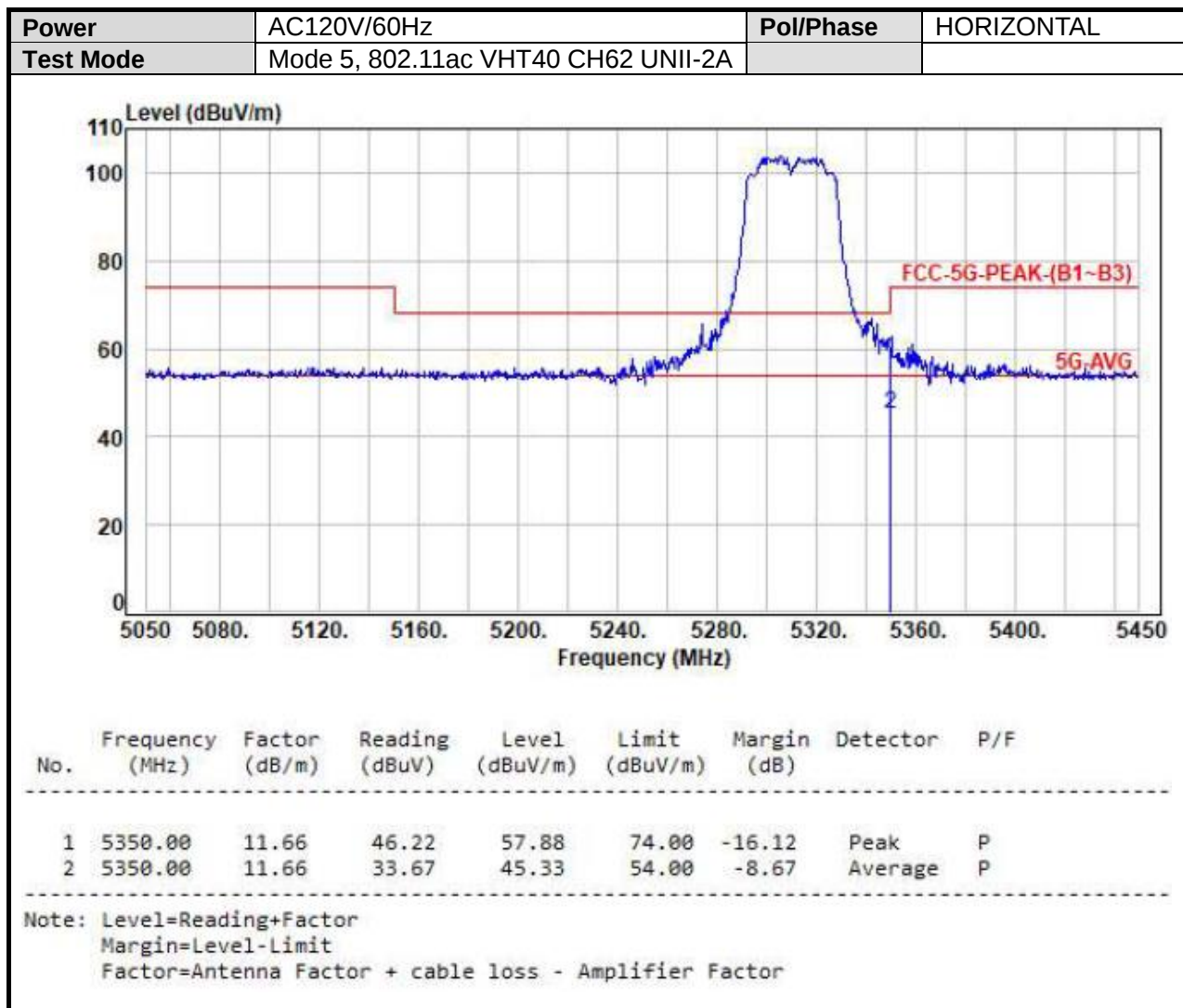


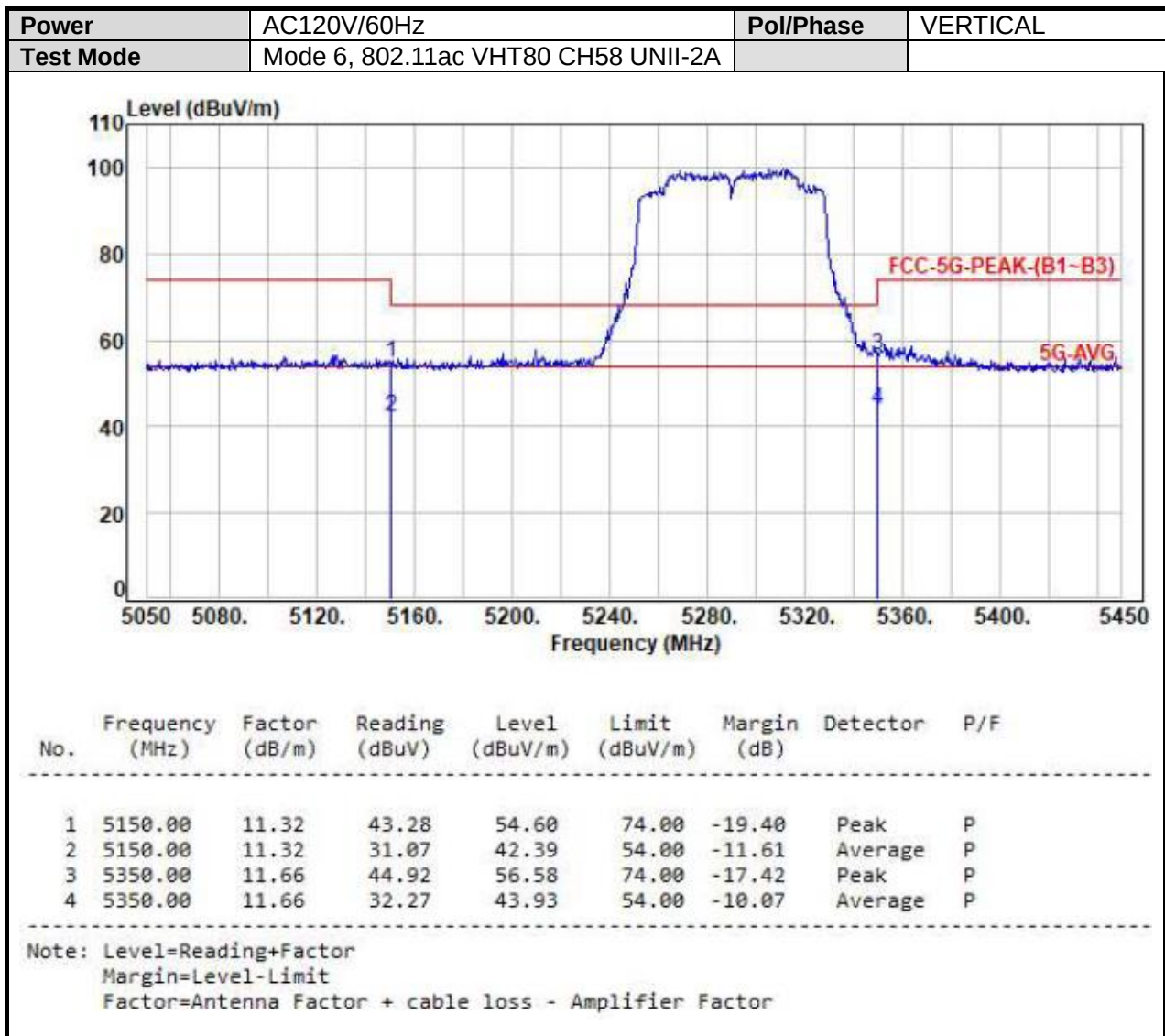


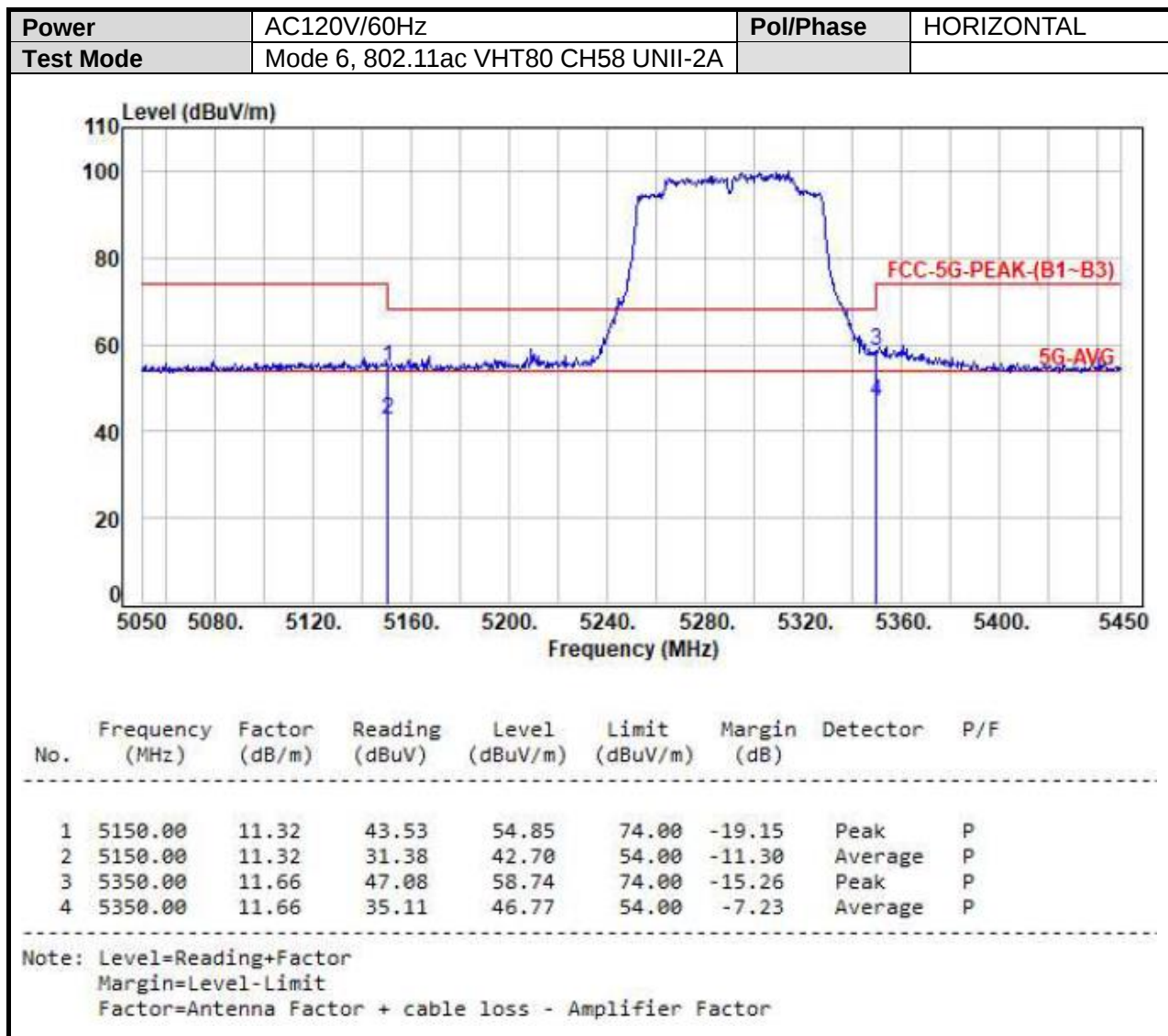


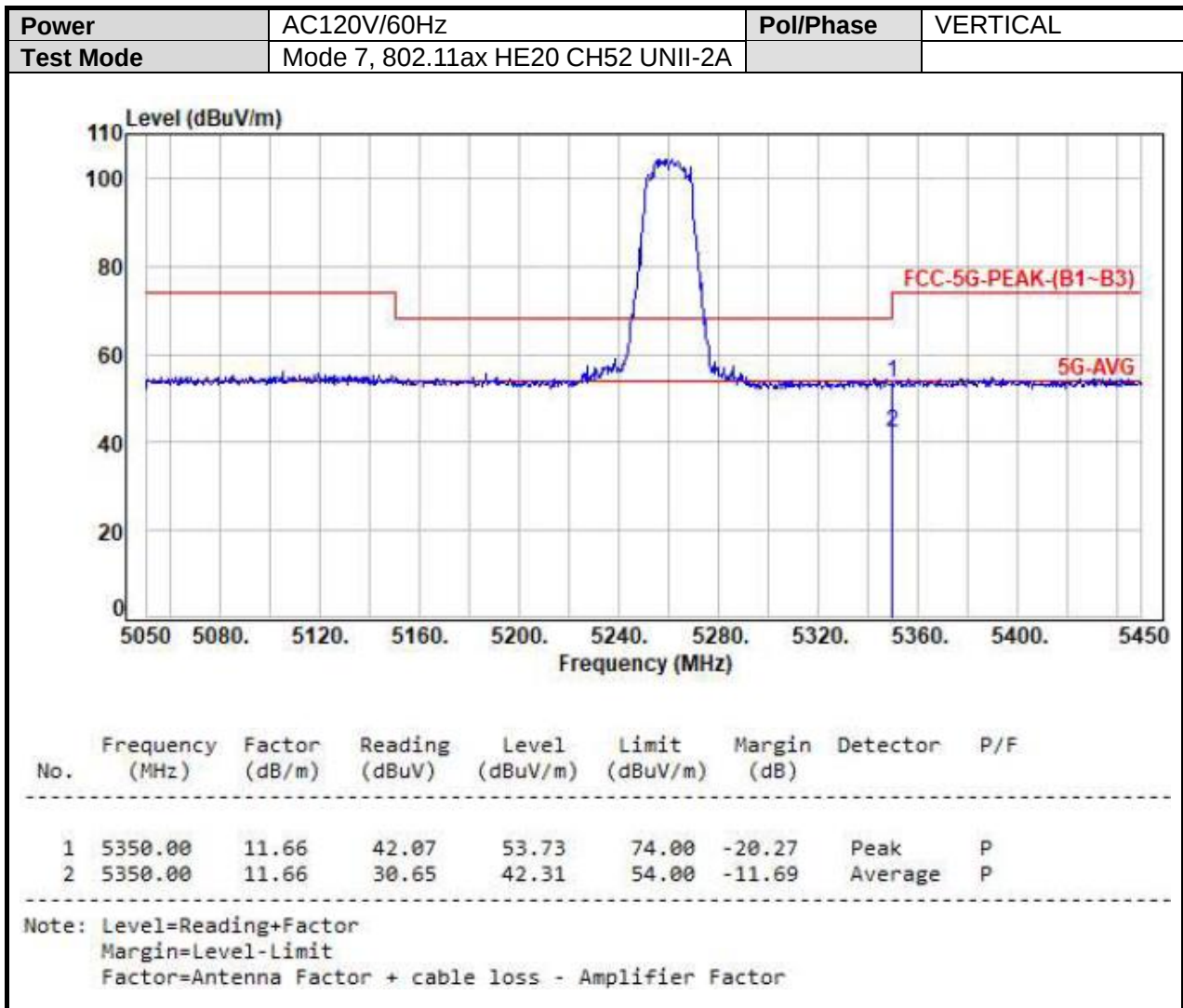


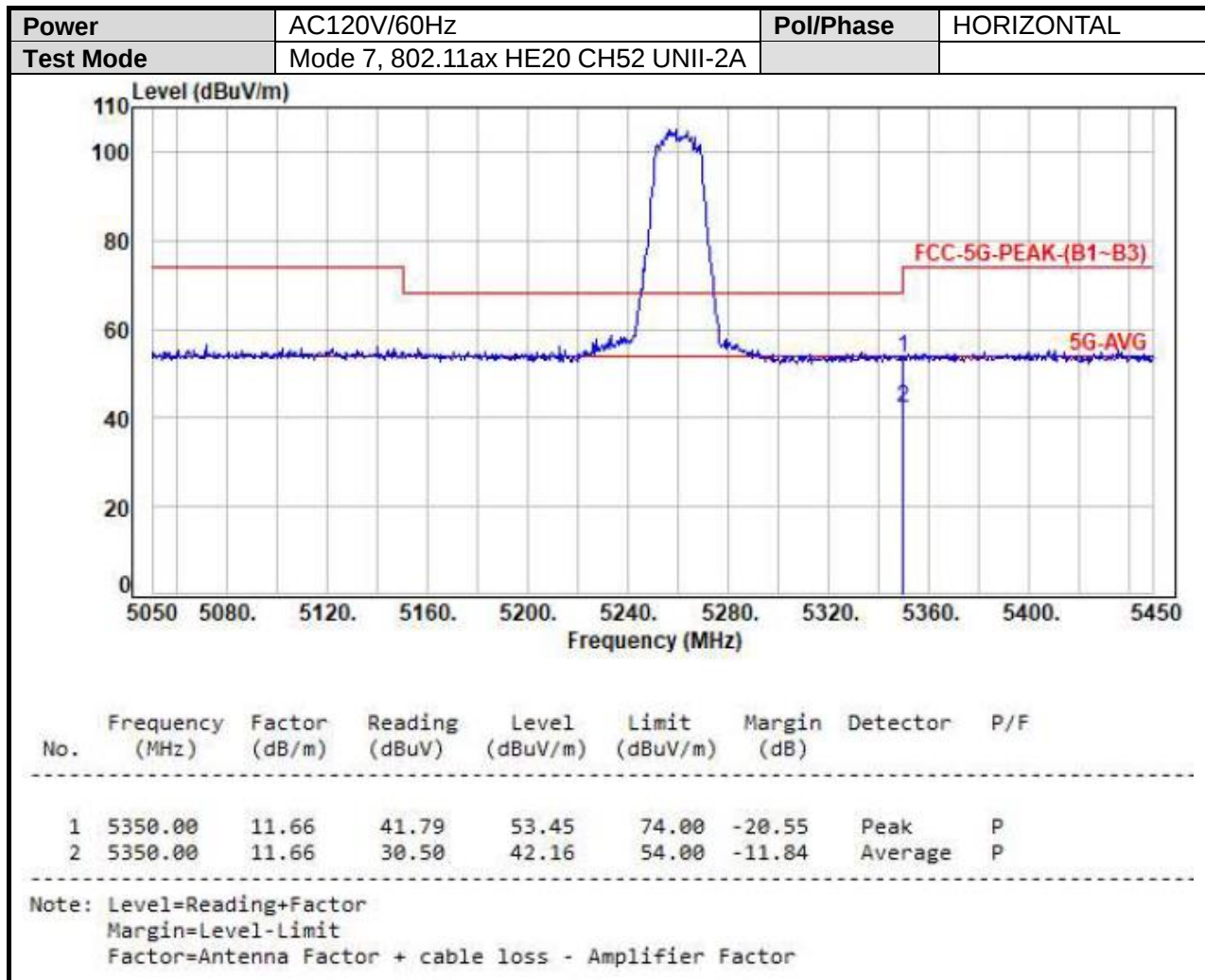


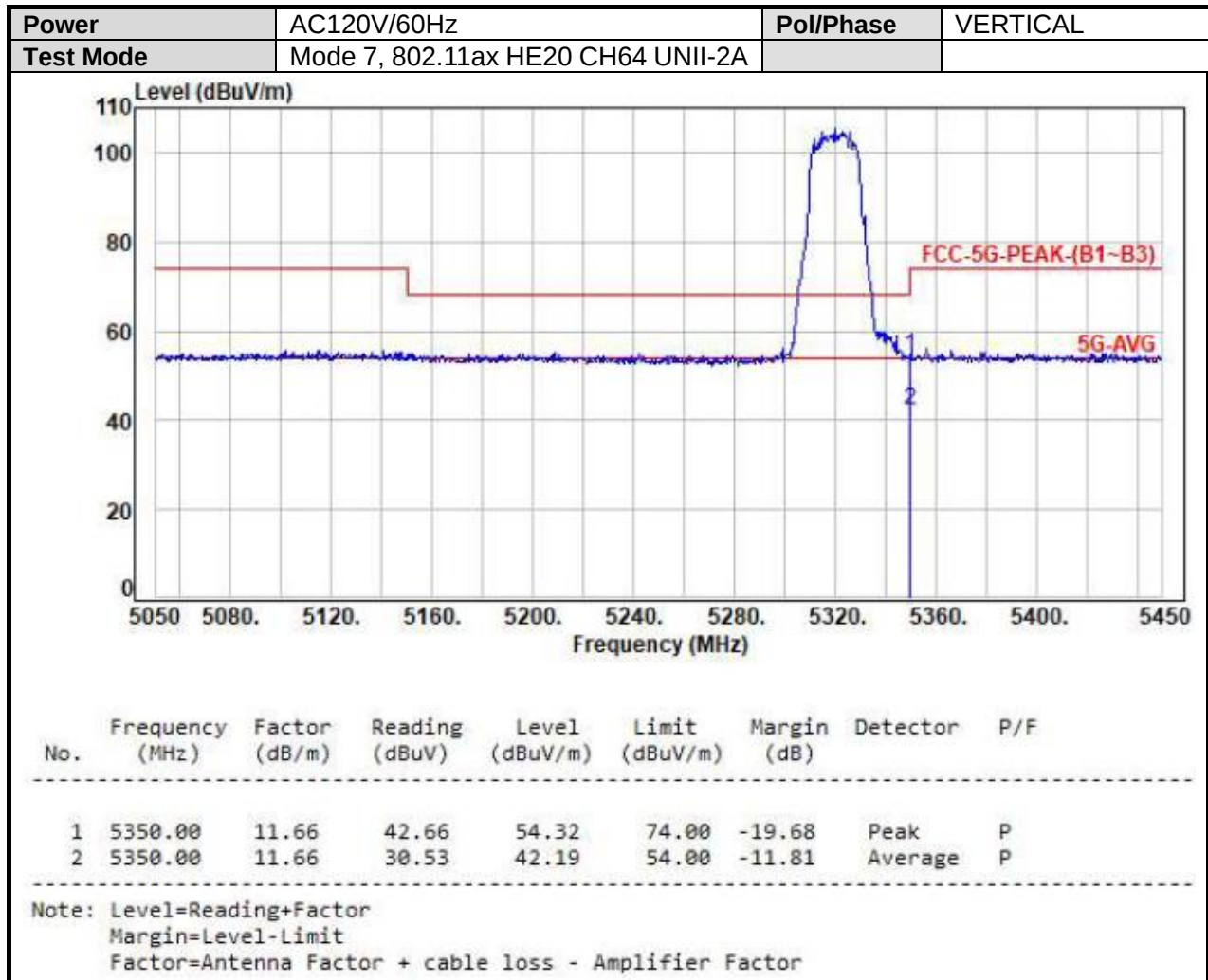


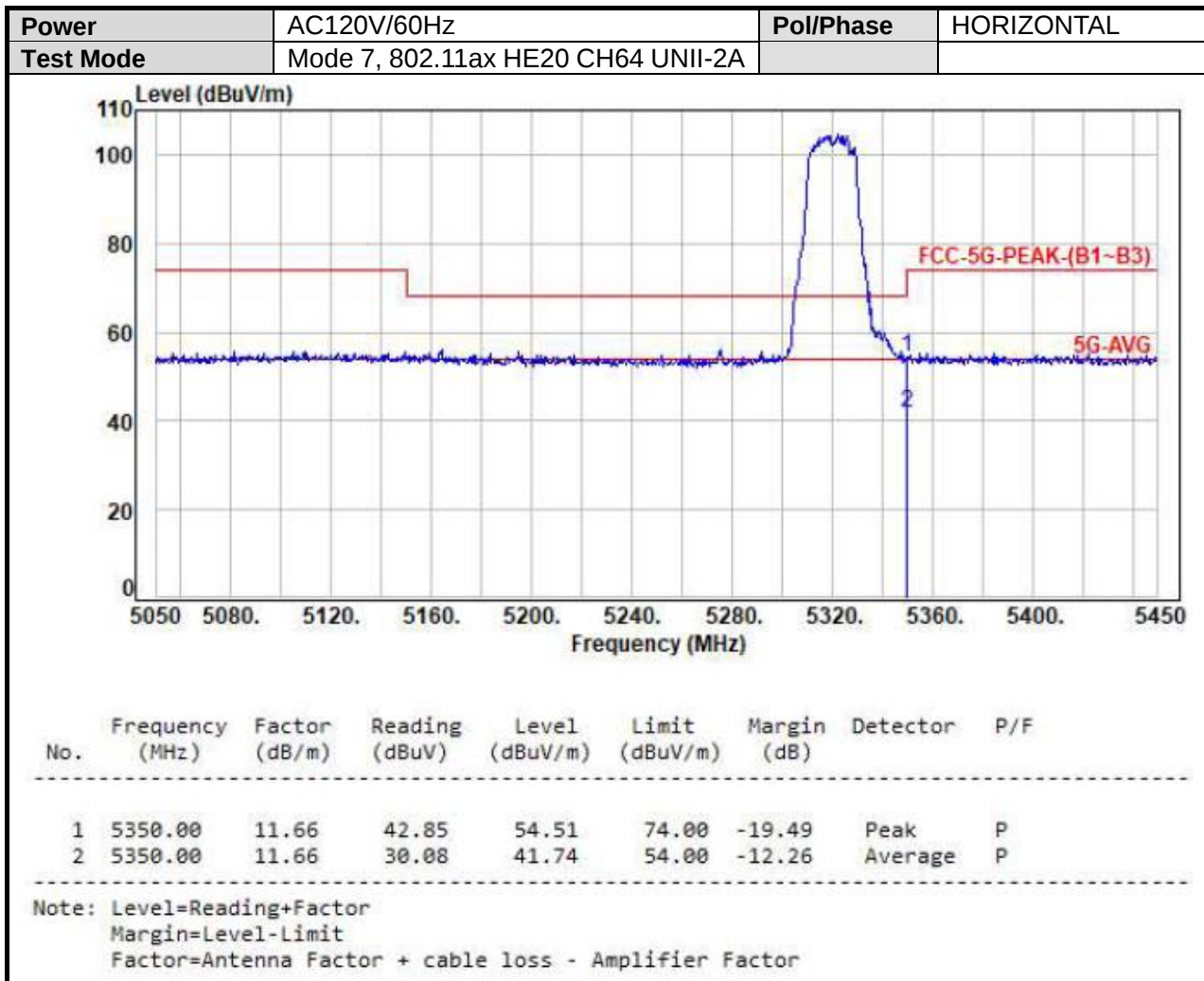


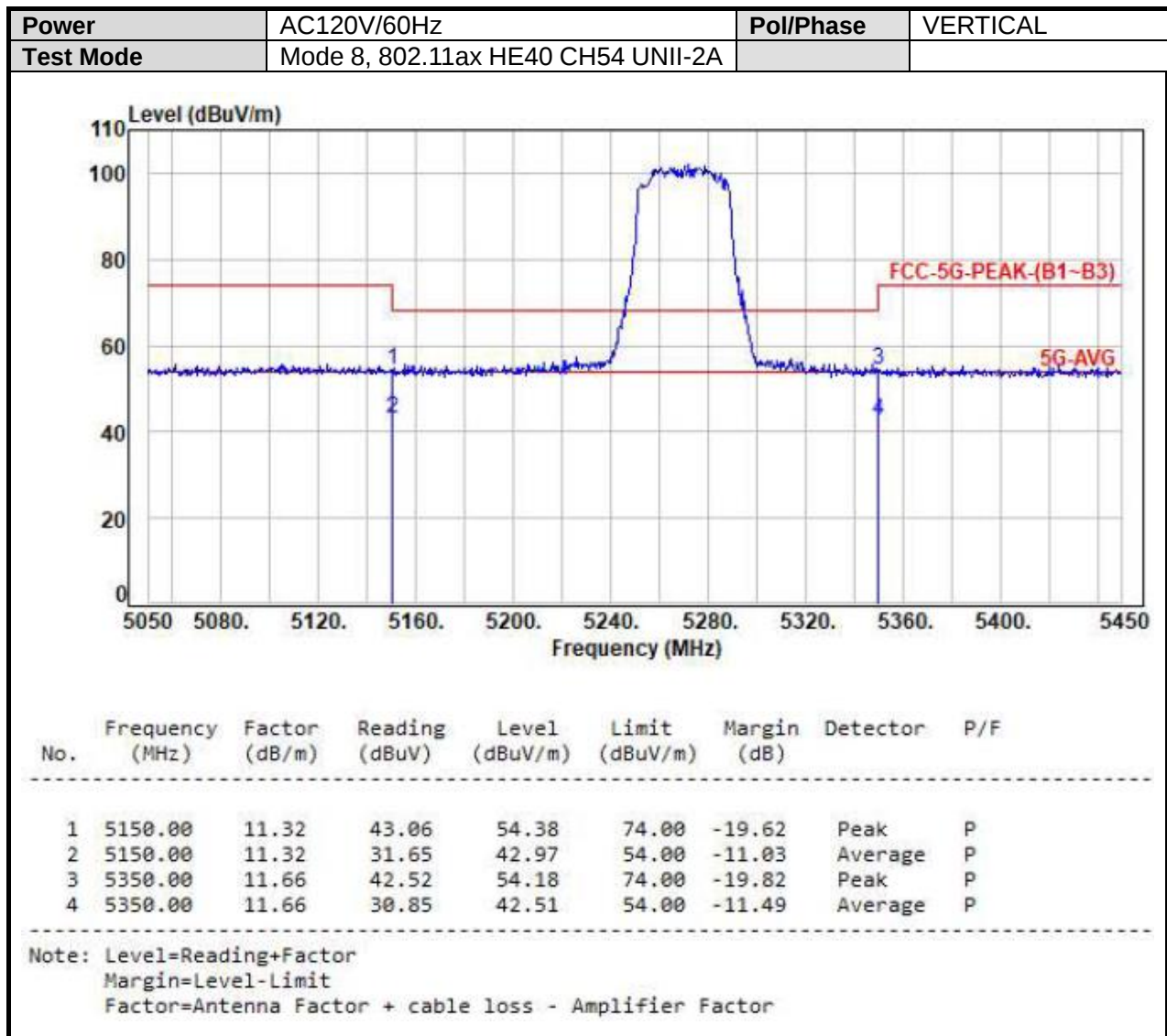


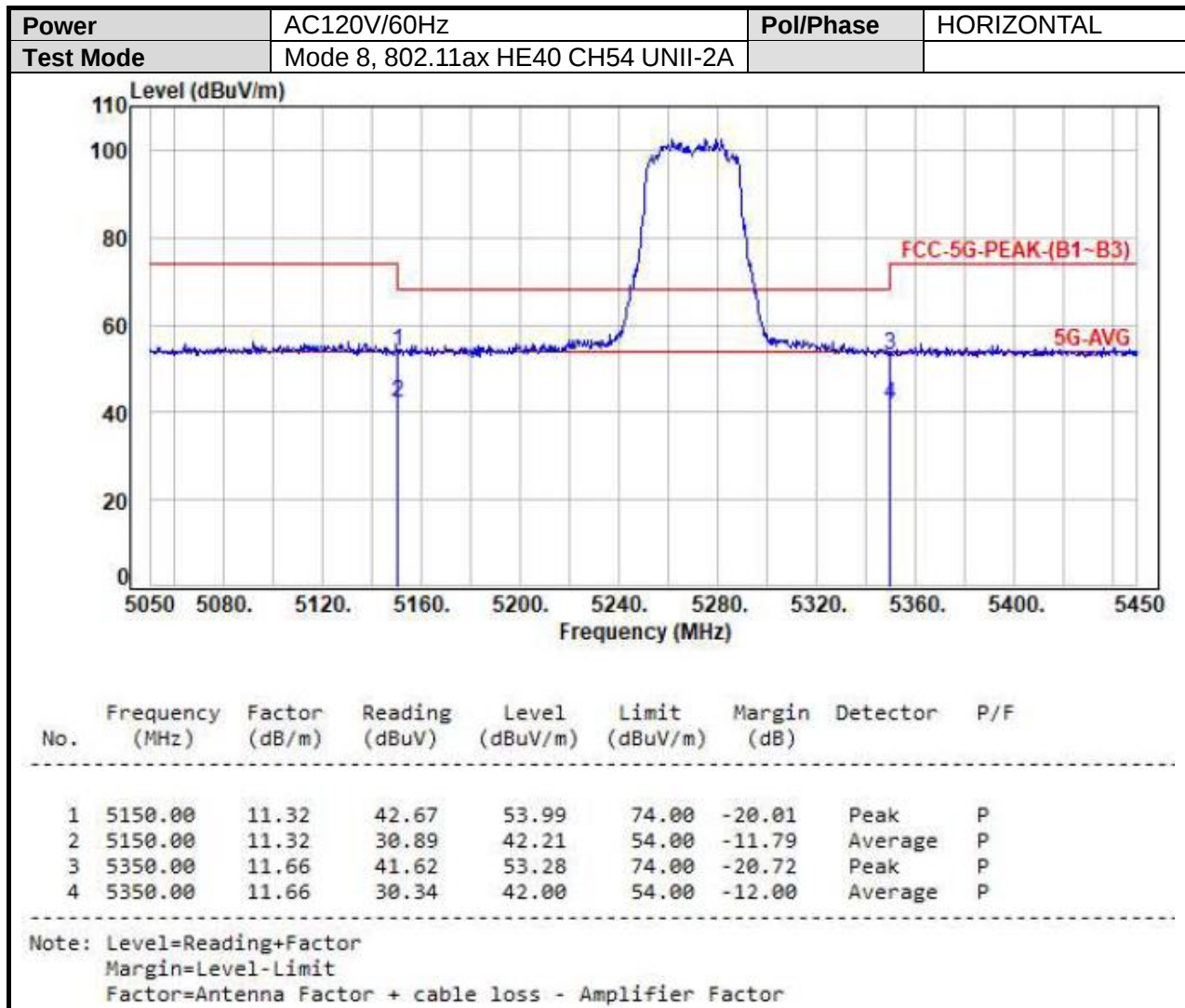


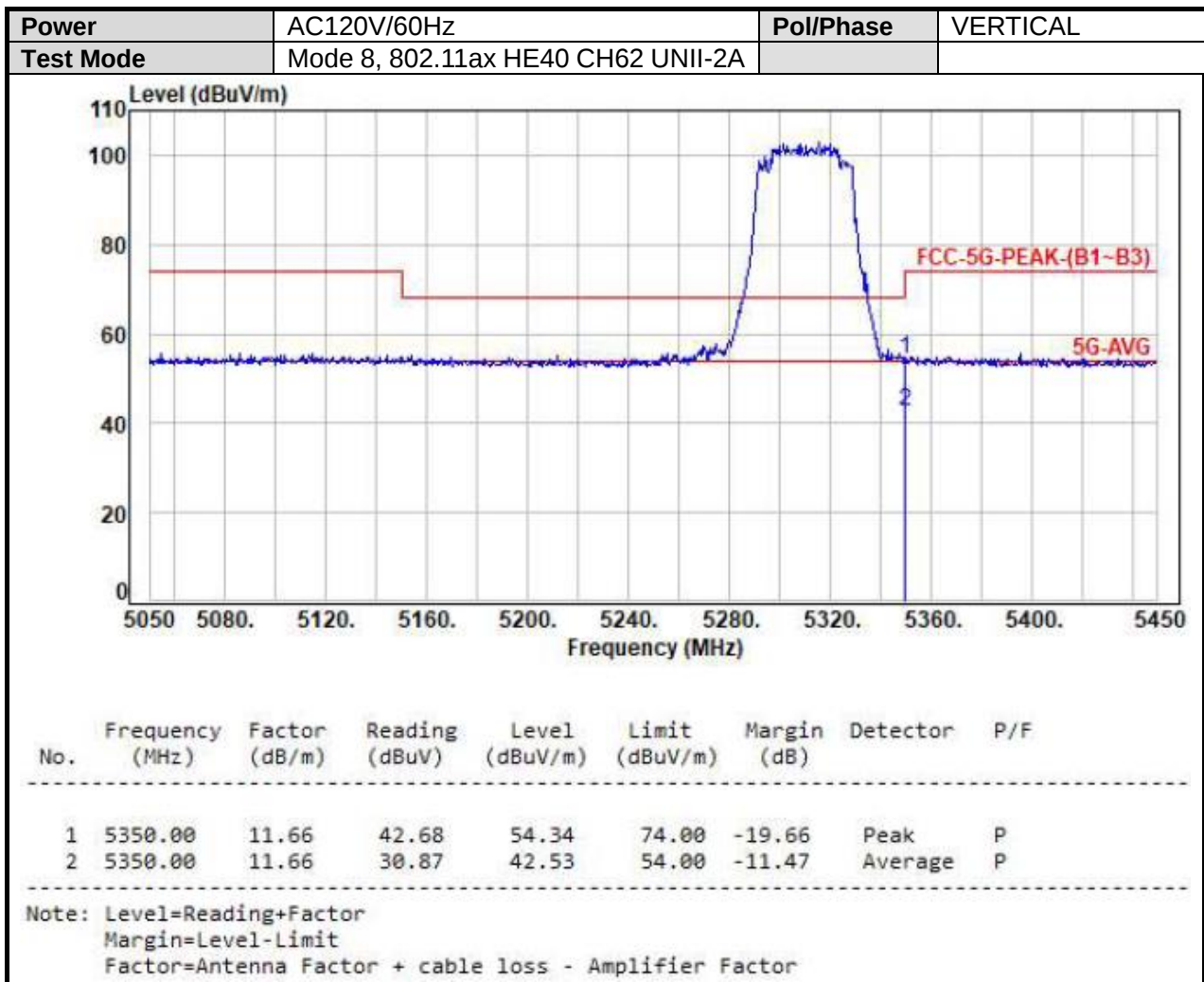


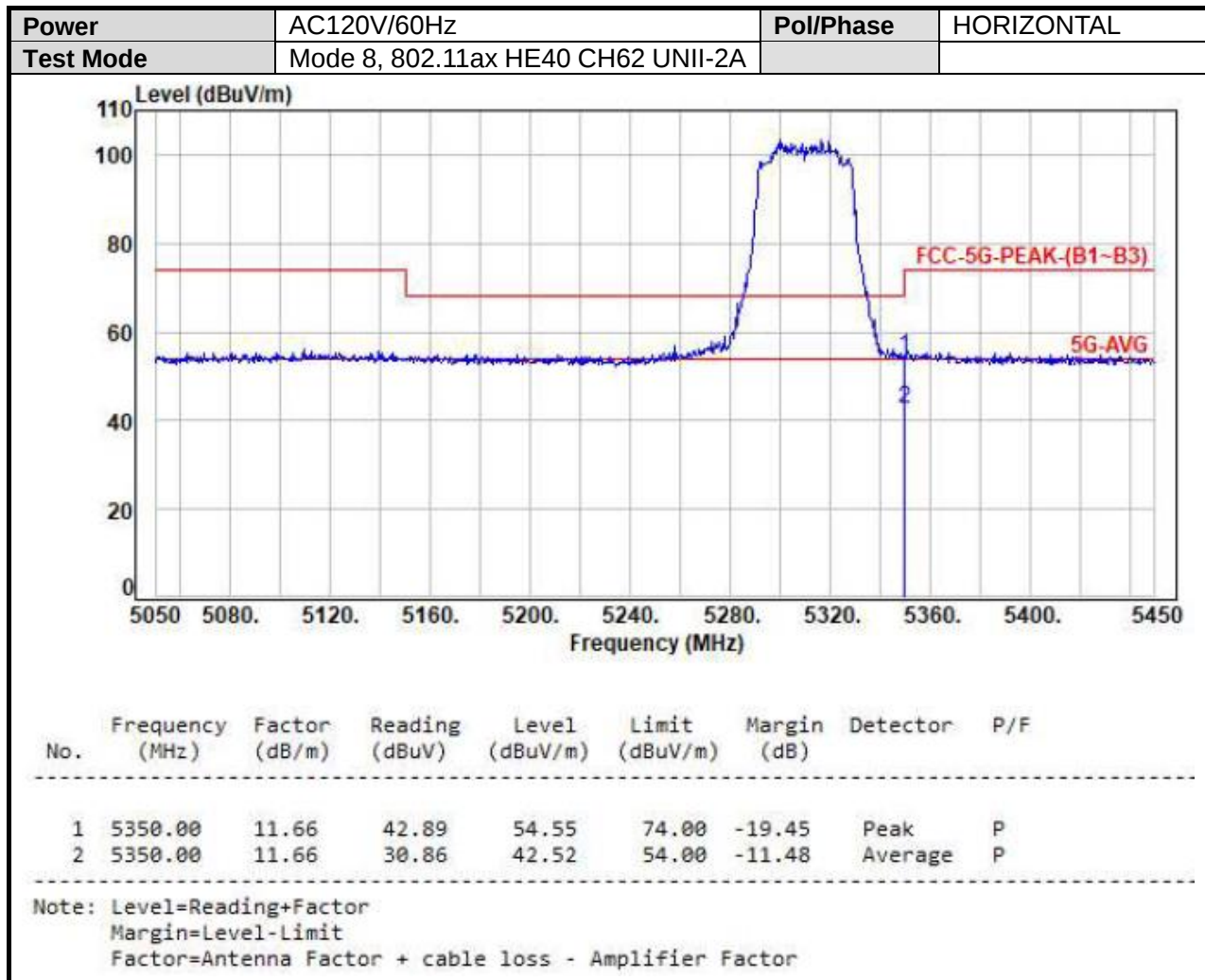


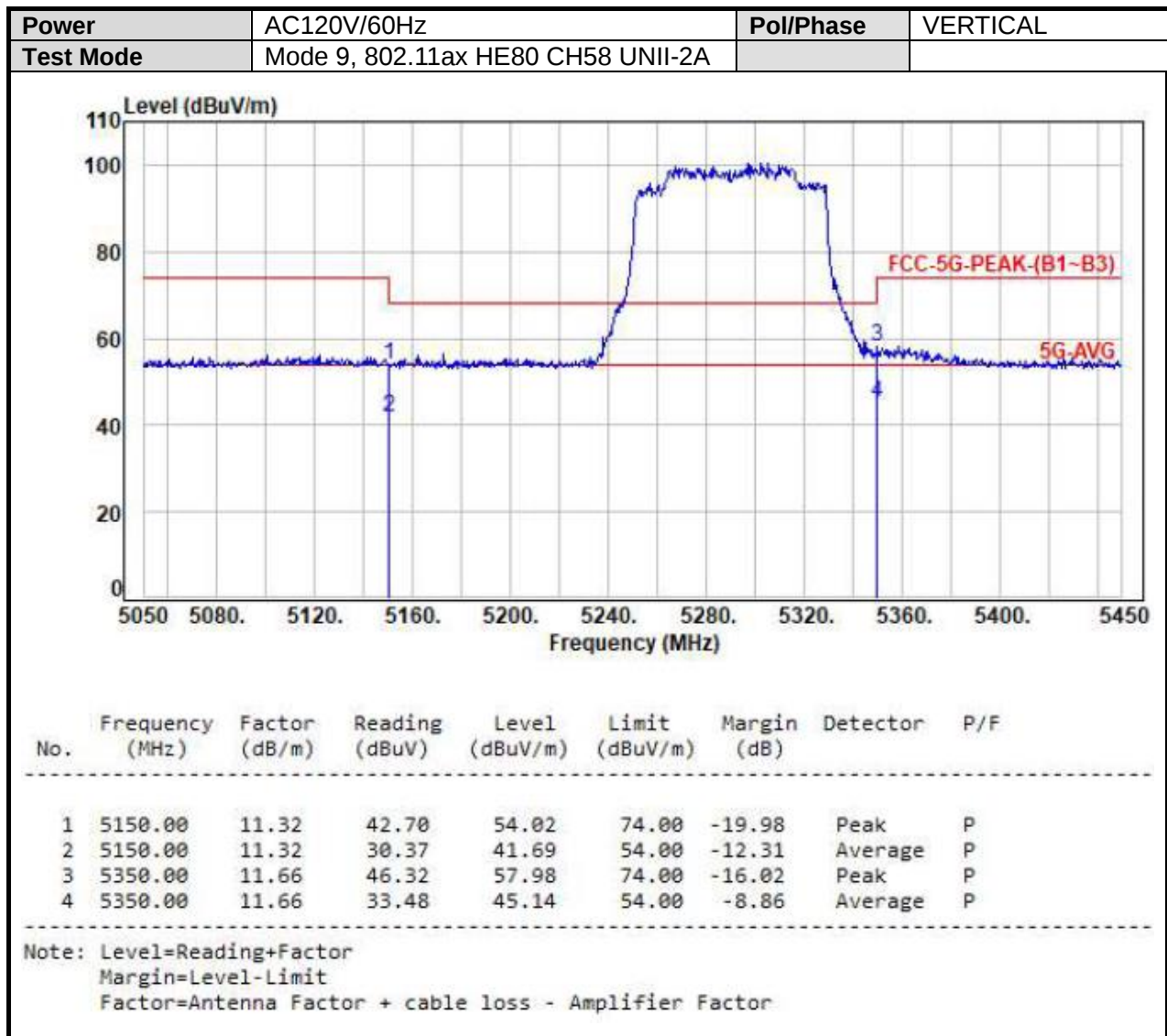


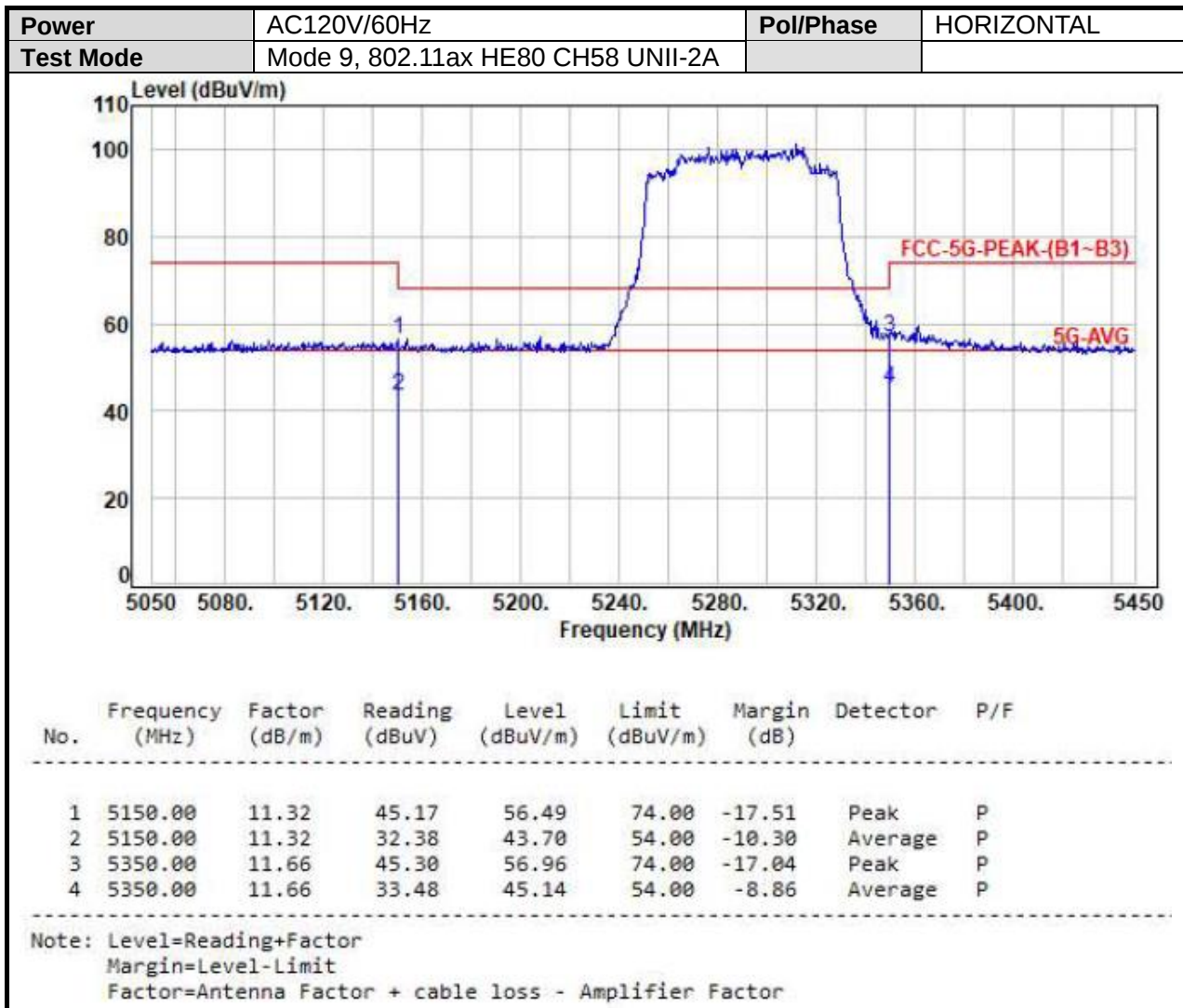






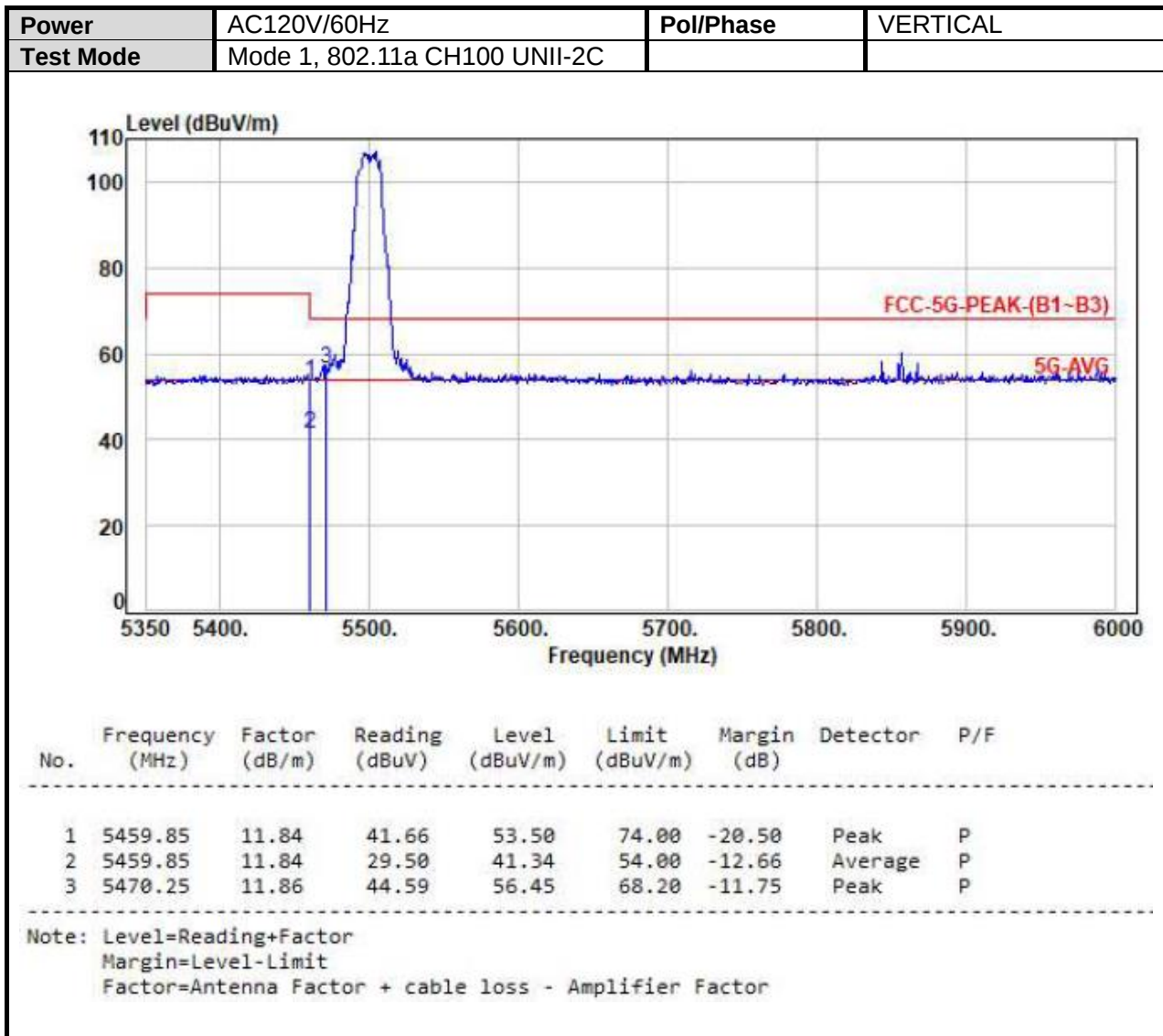


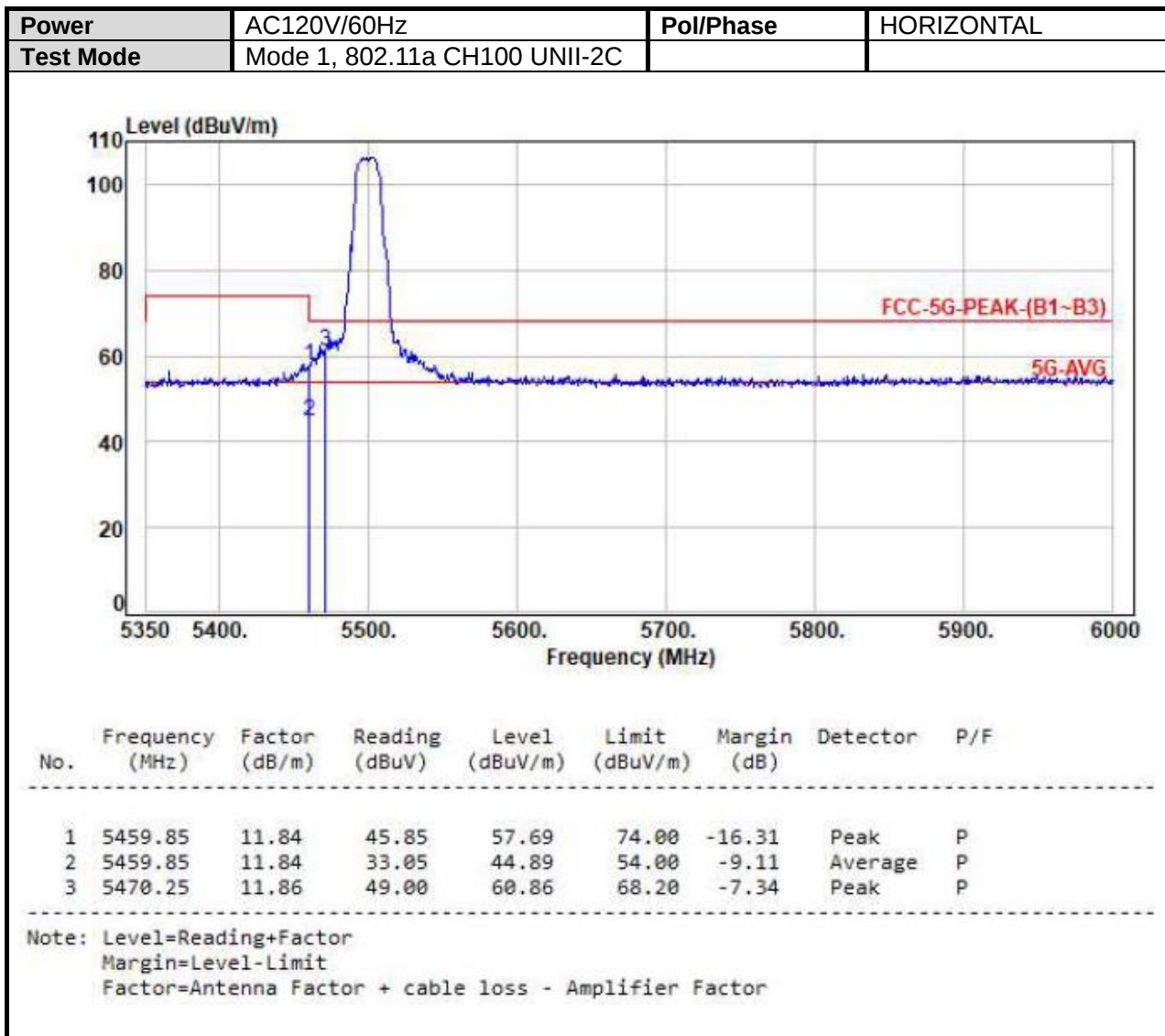


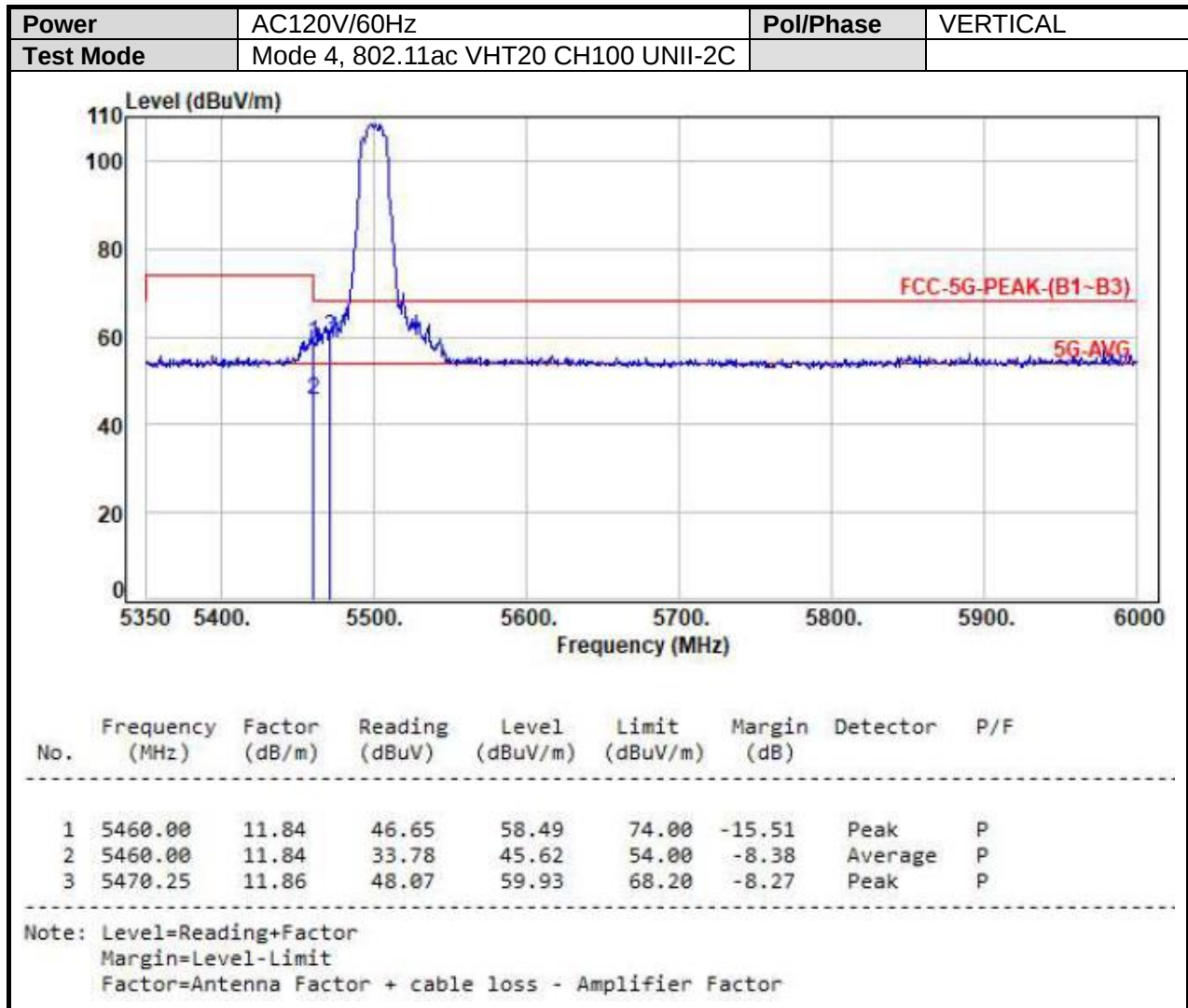


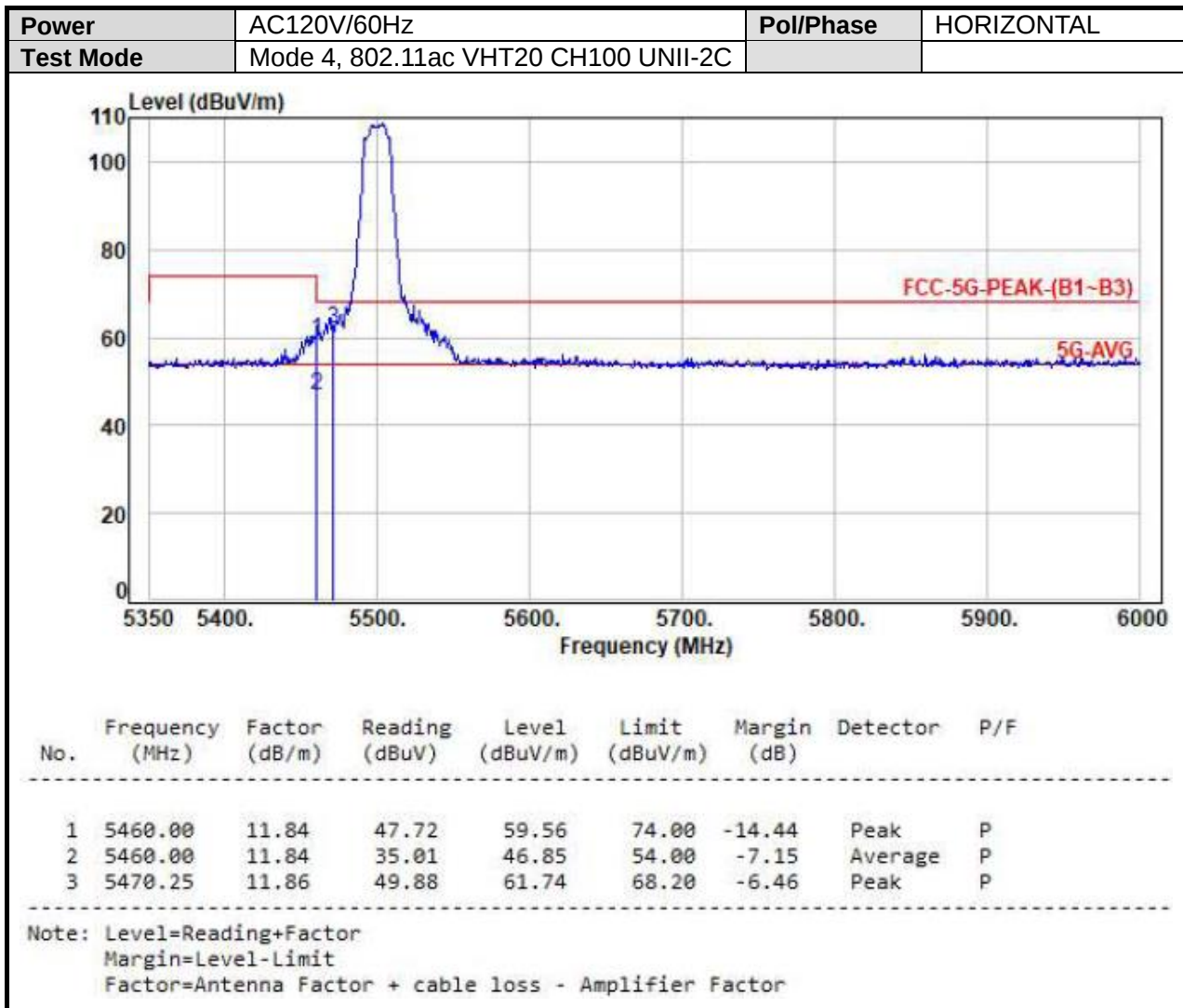


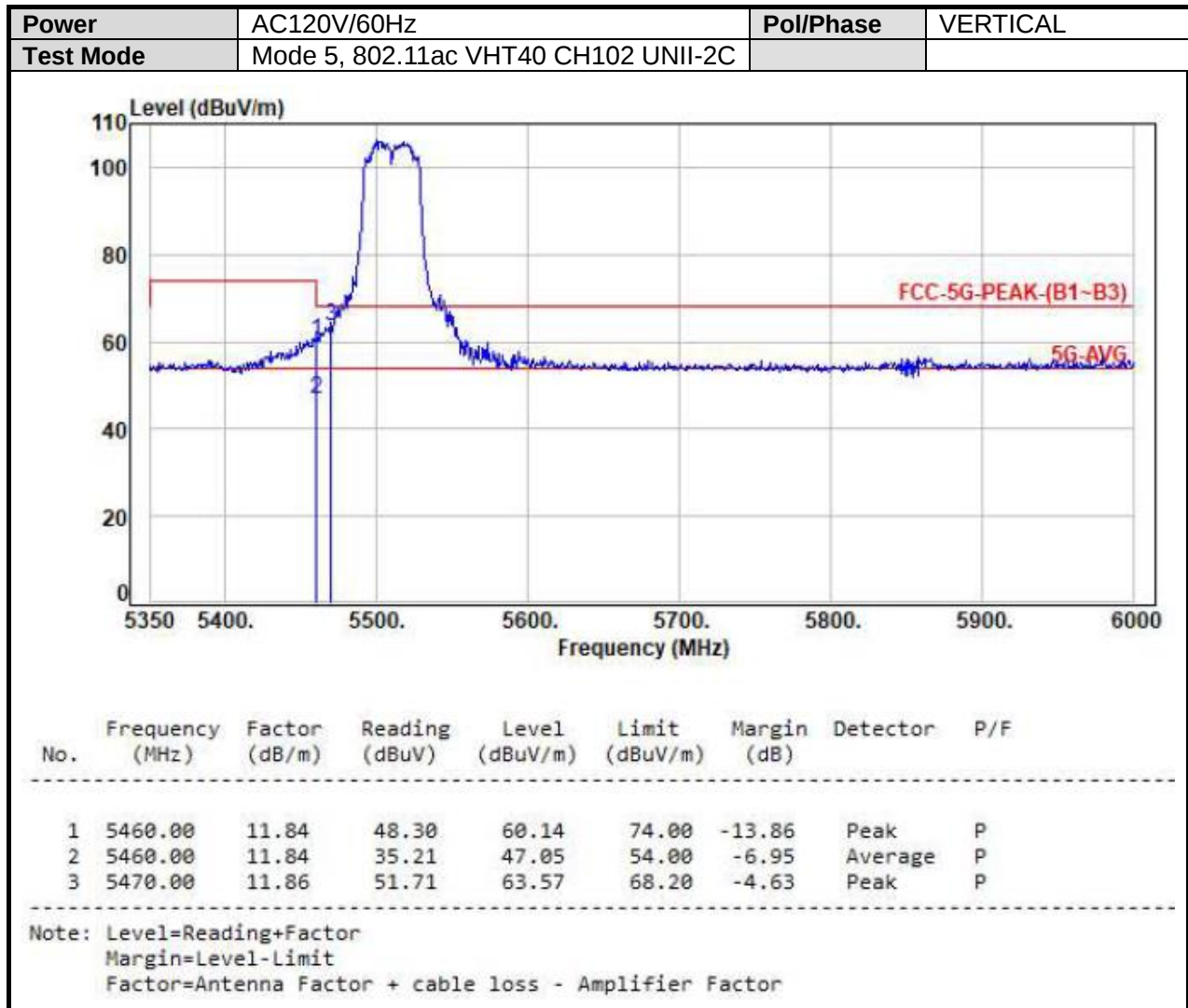
UNII-2C

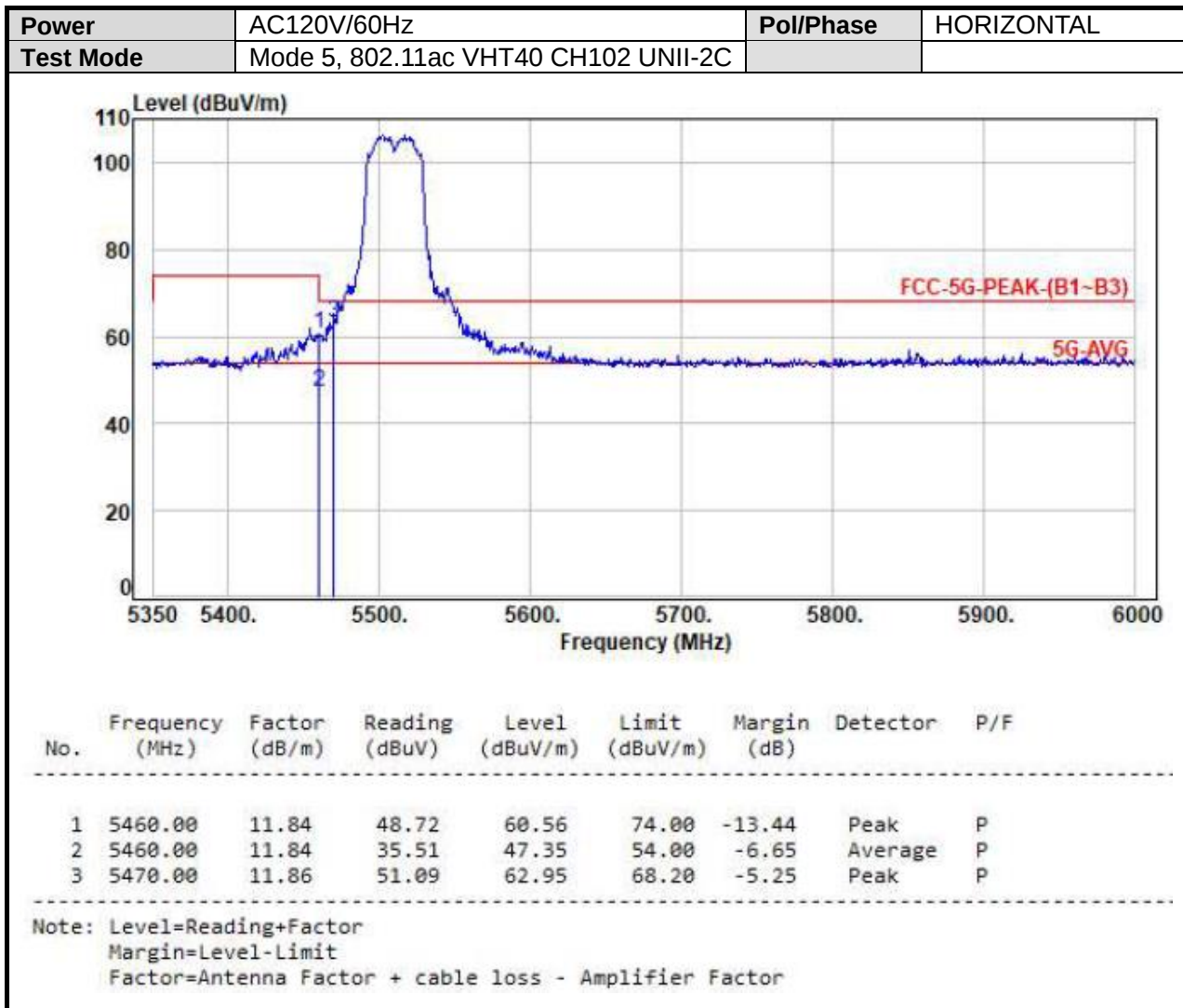


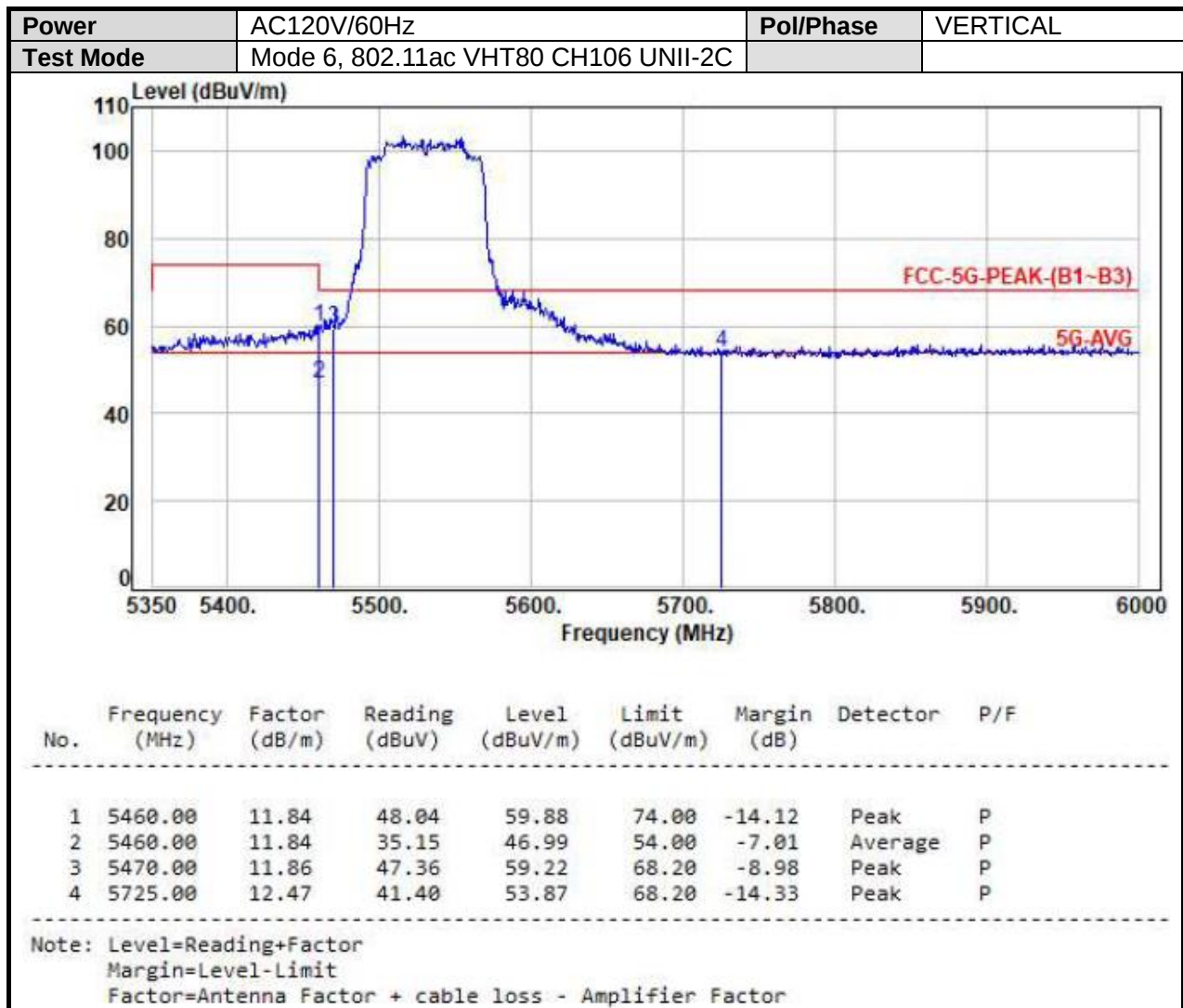


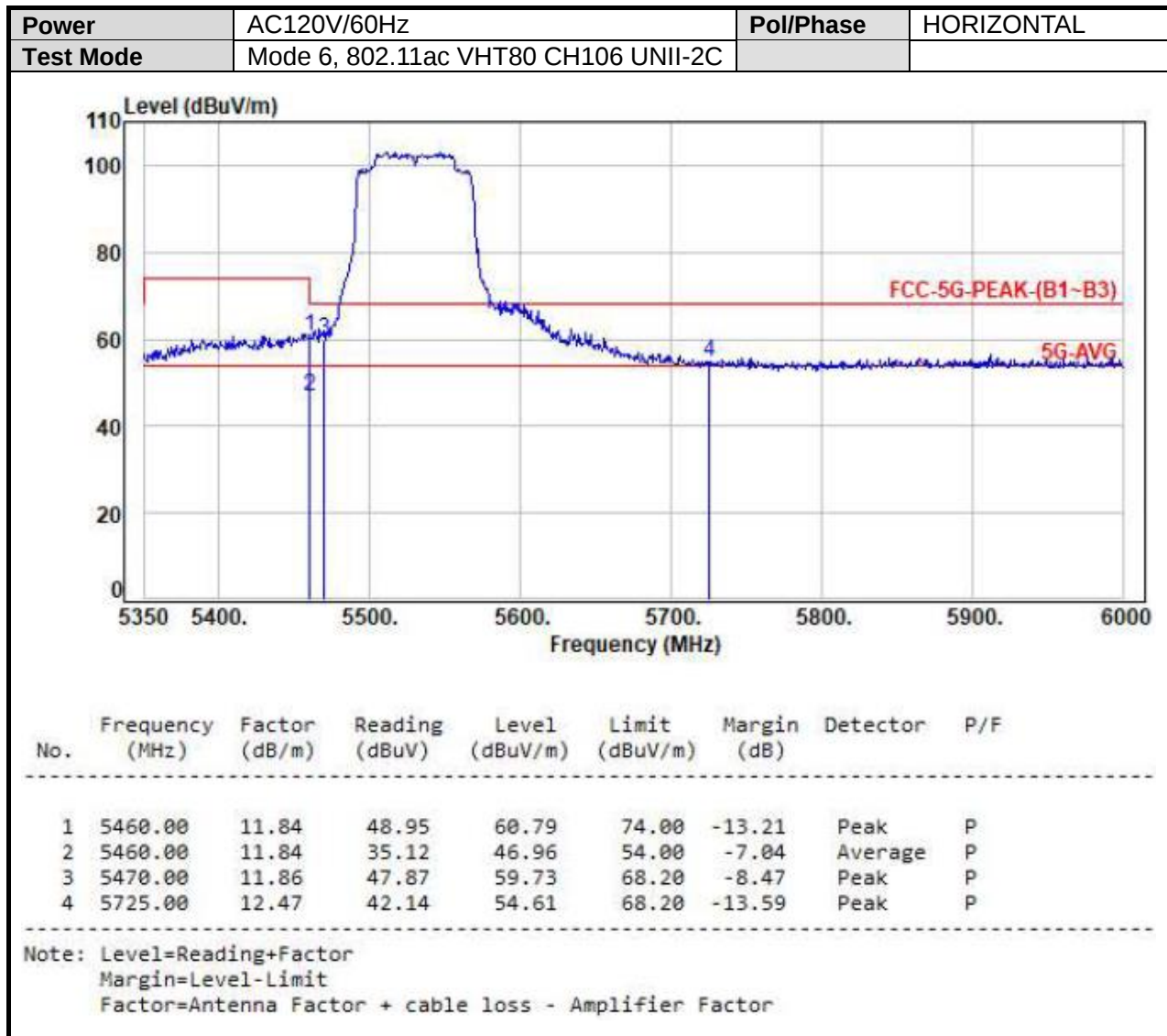


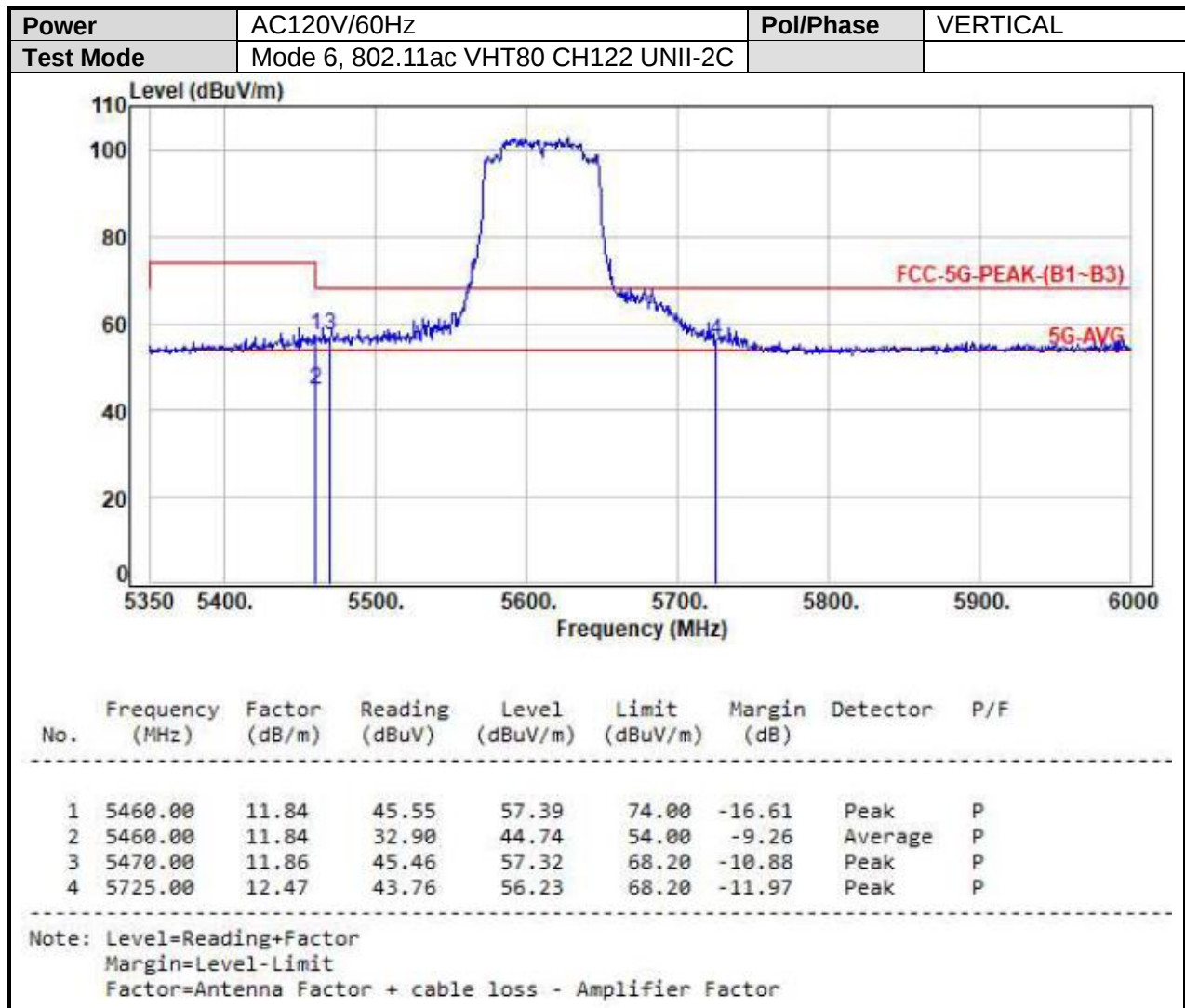


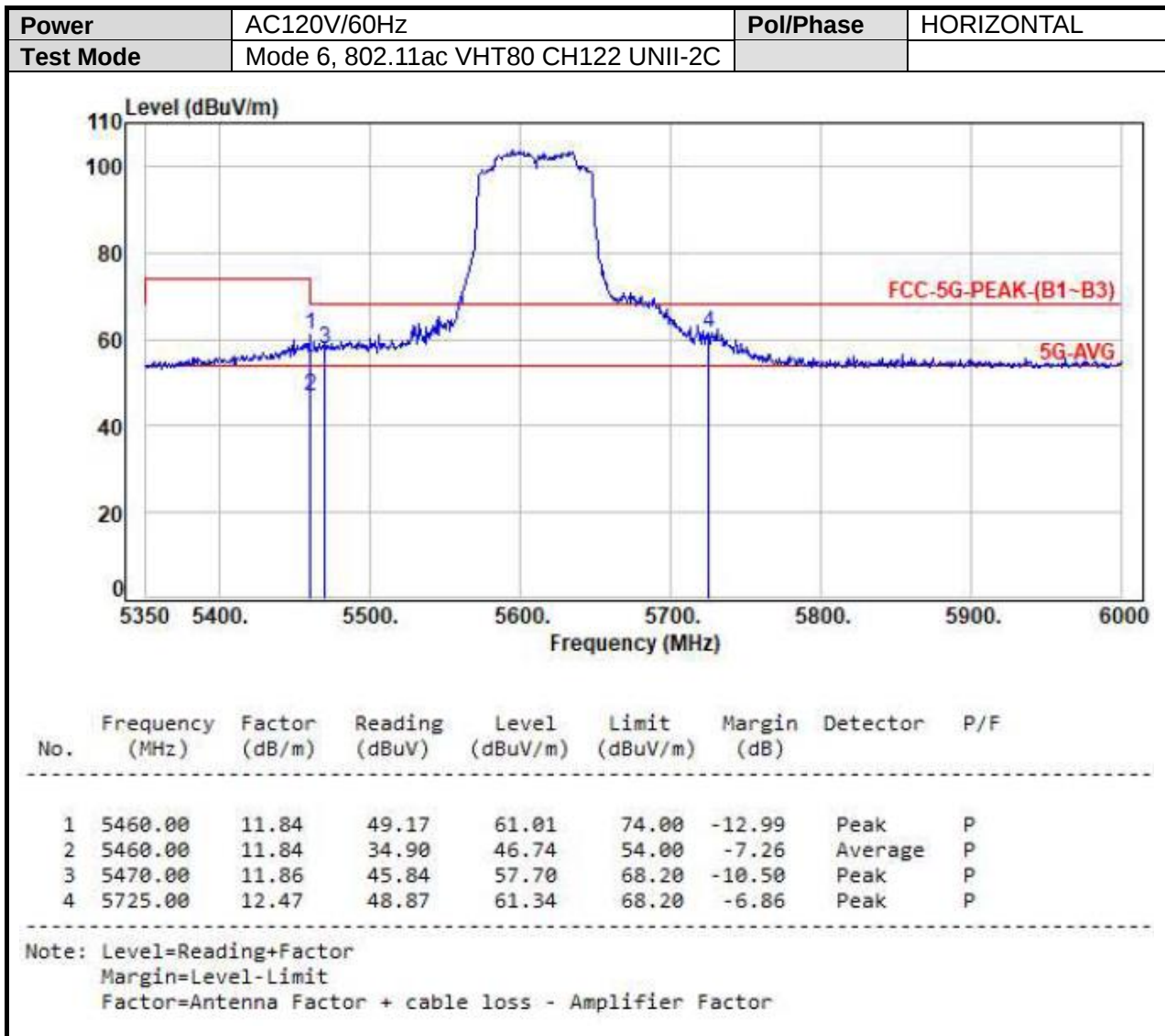


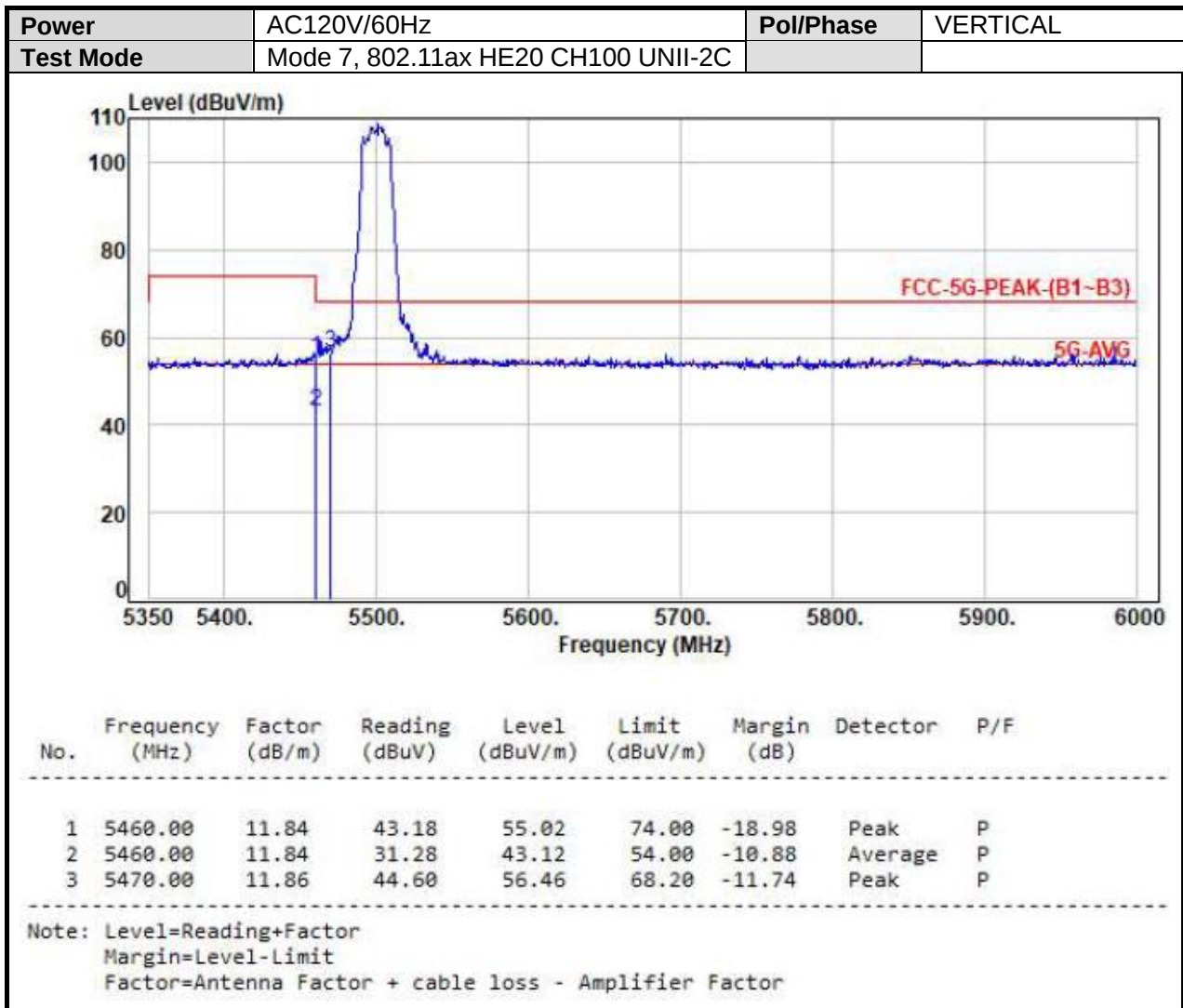


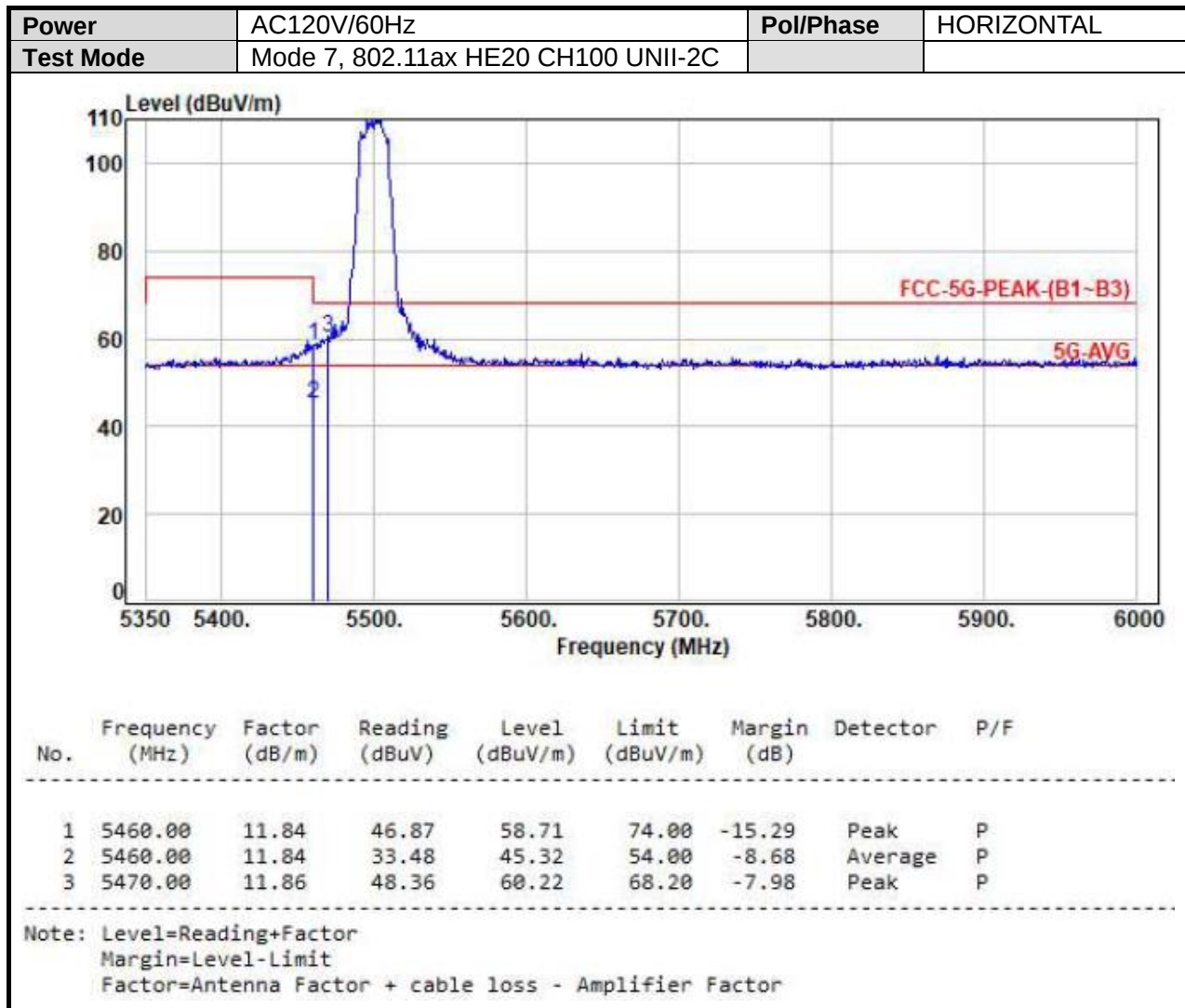


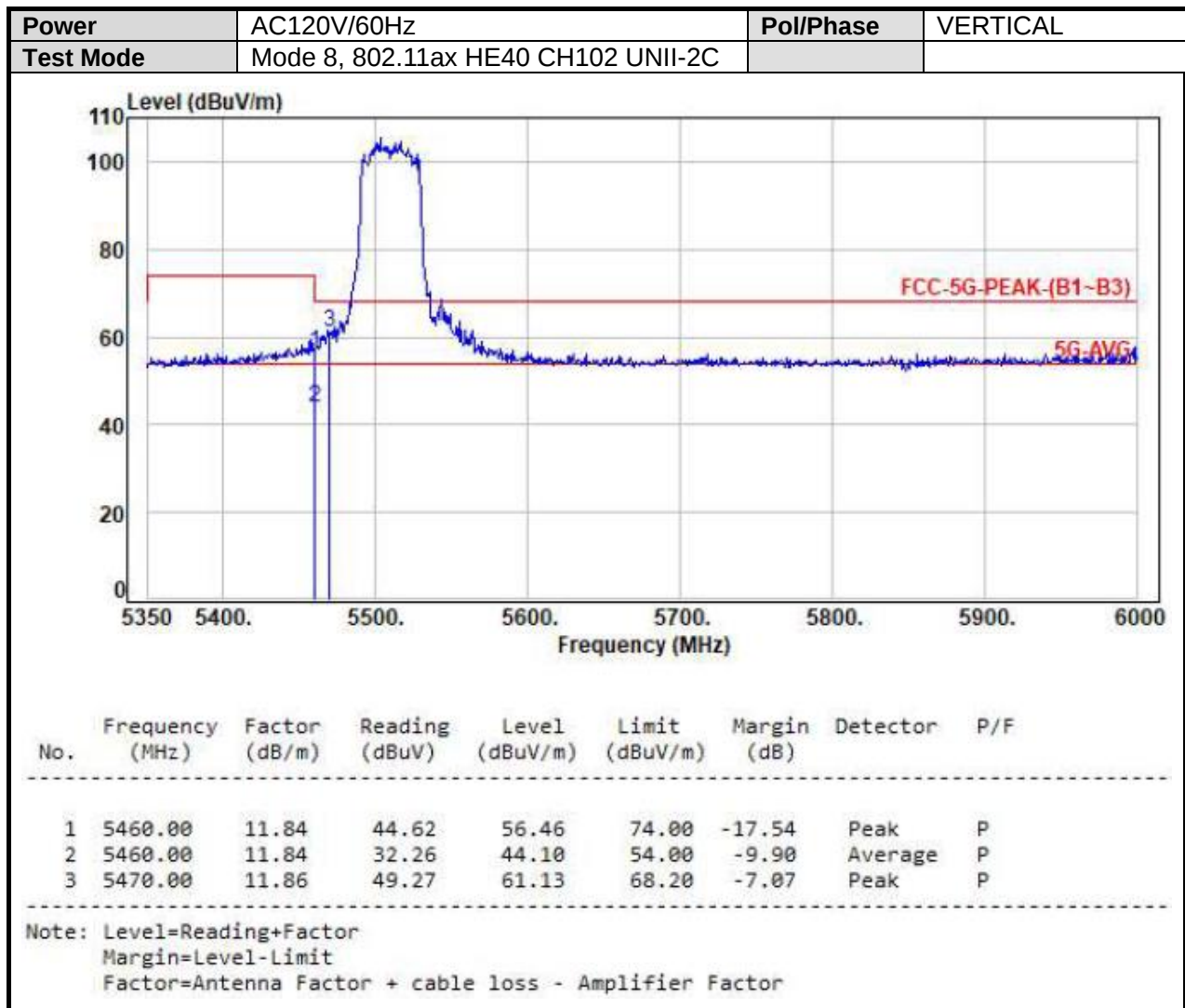


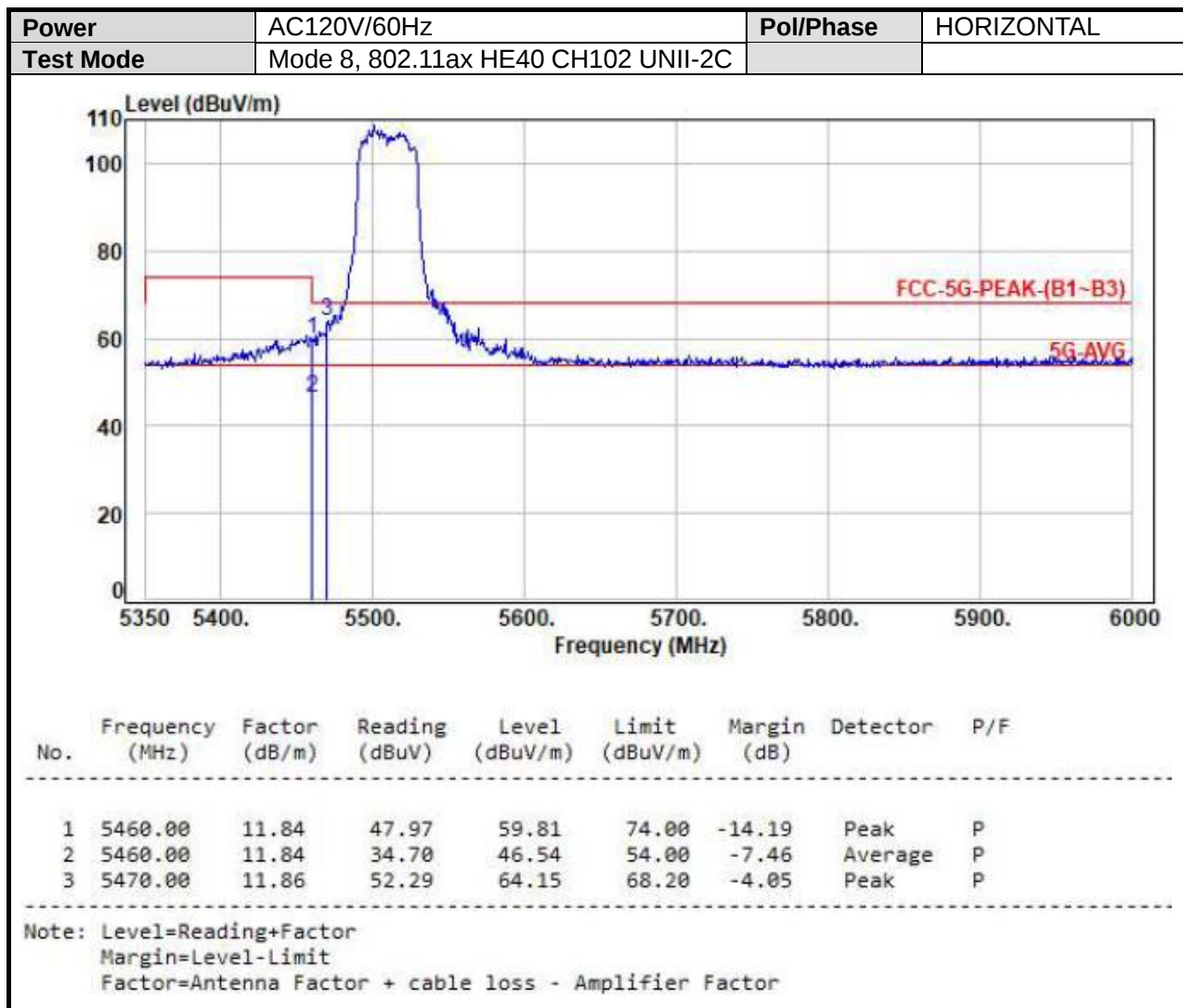


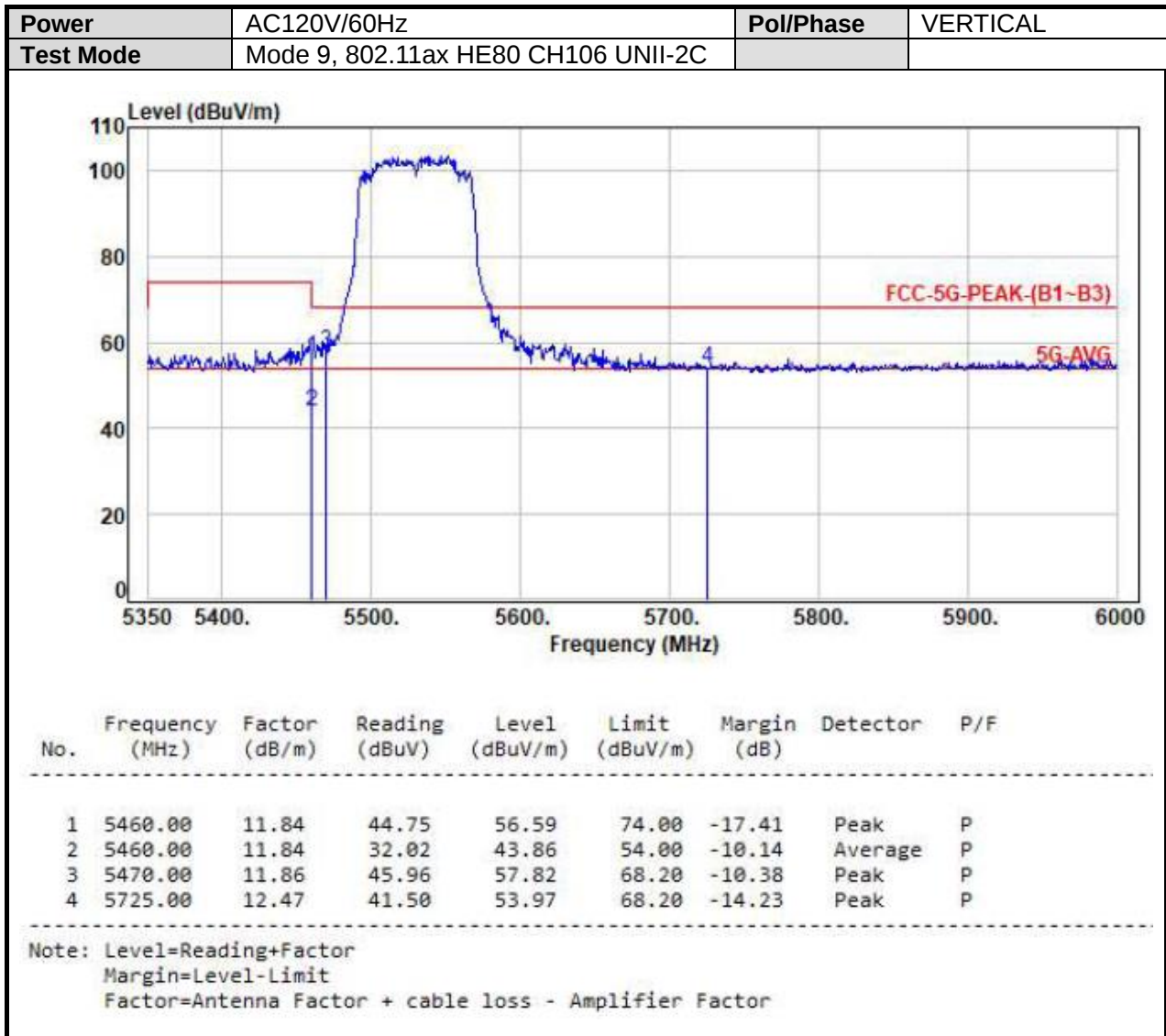


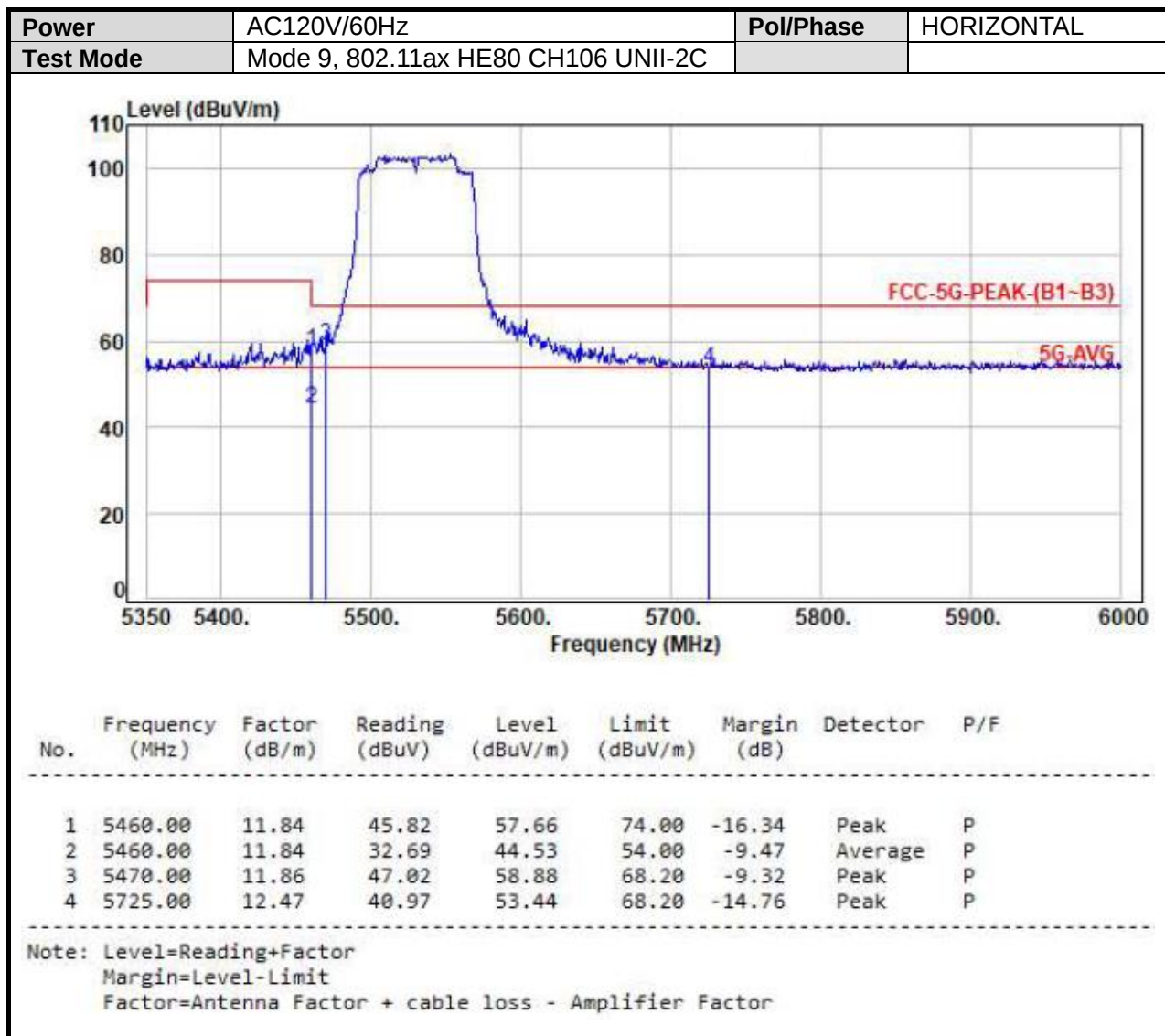


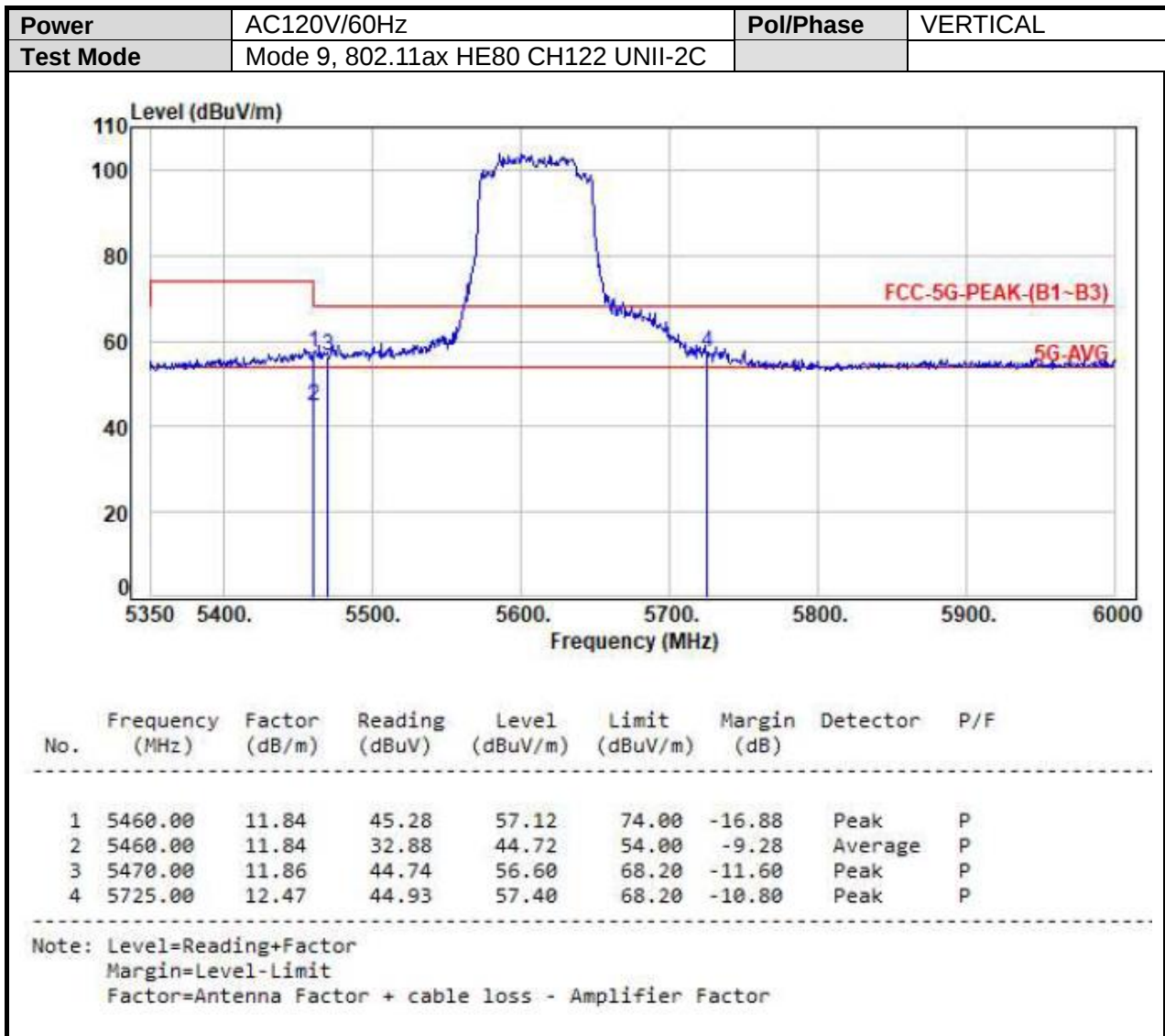


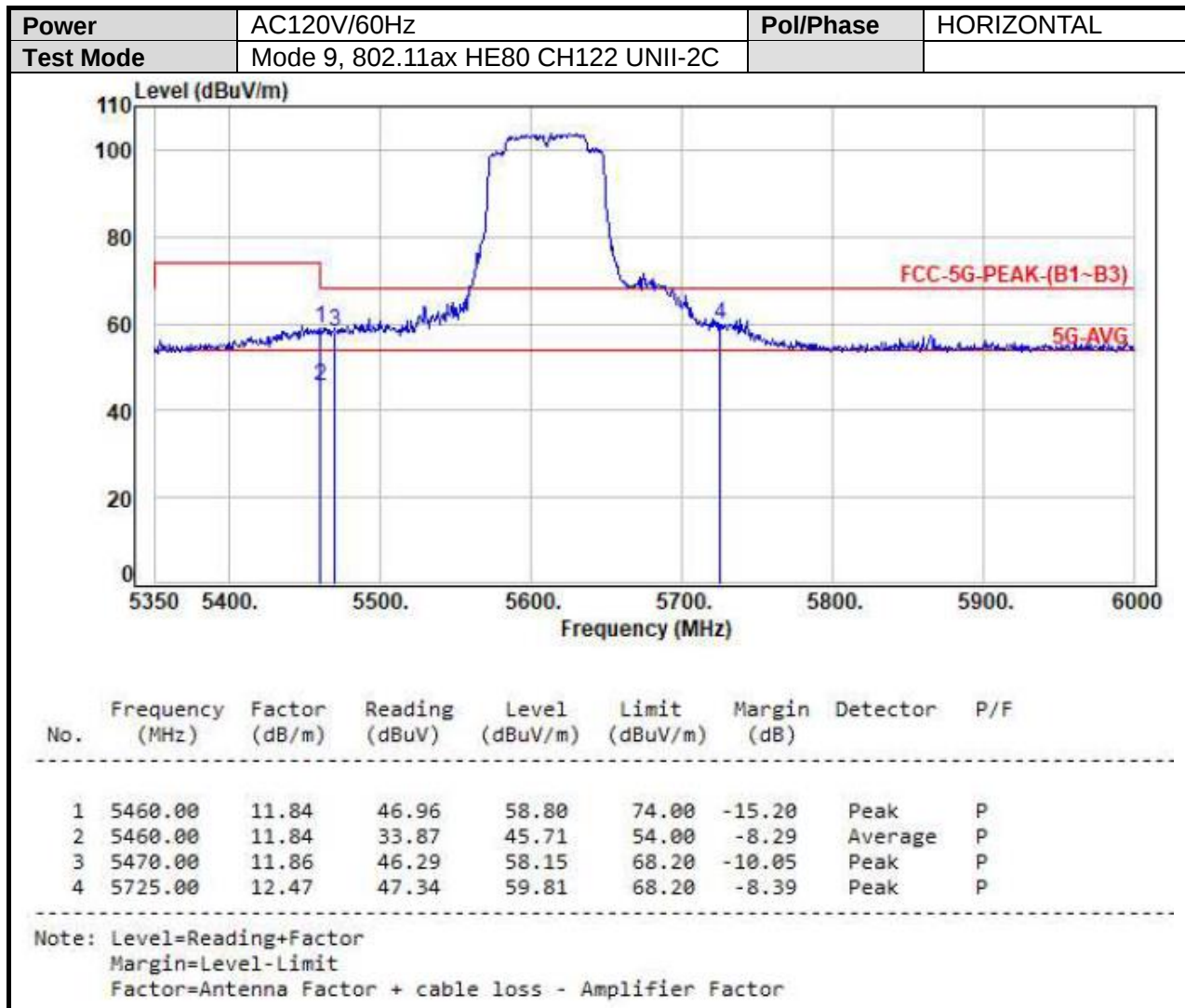






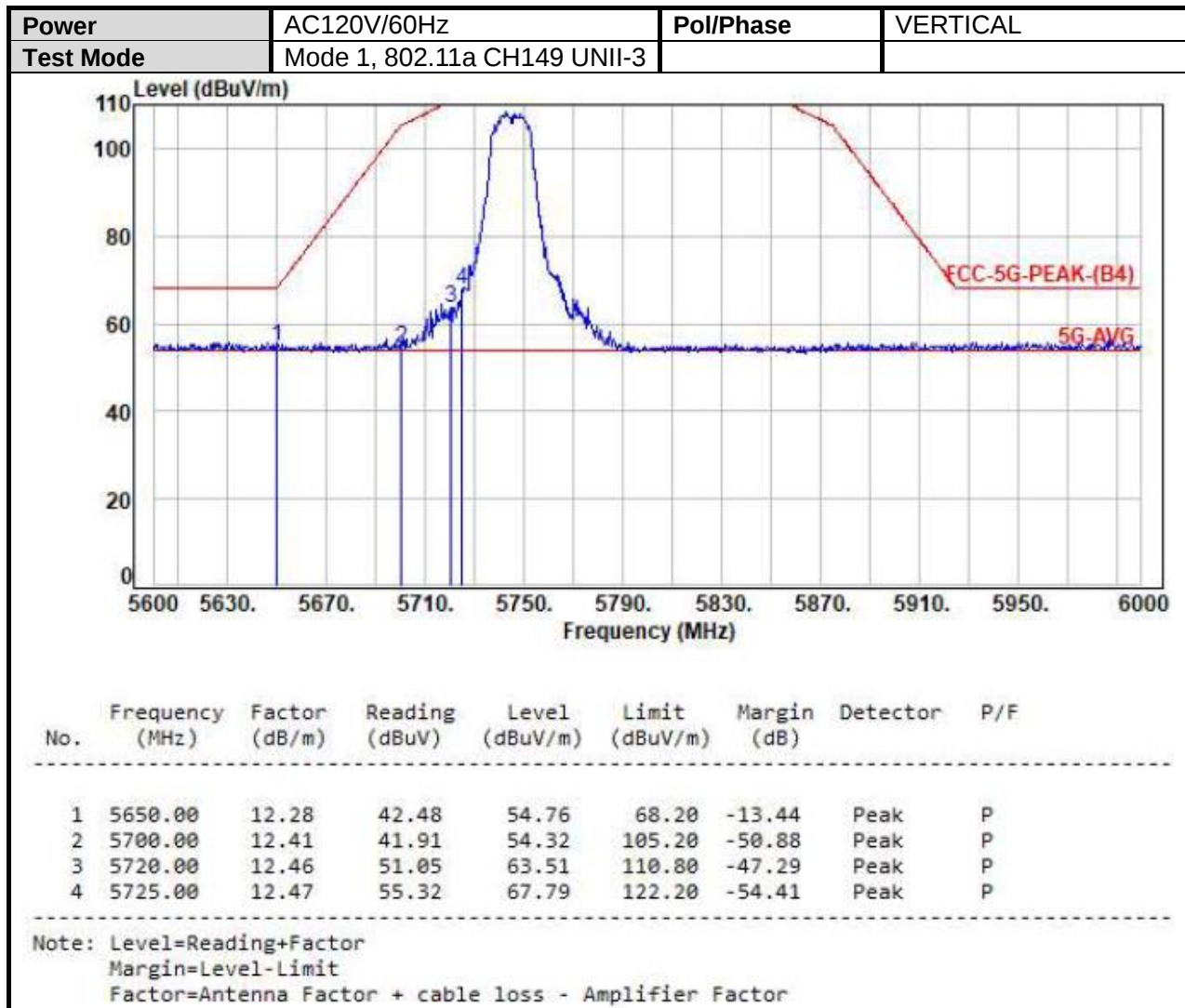


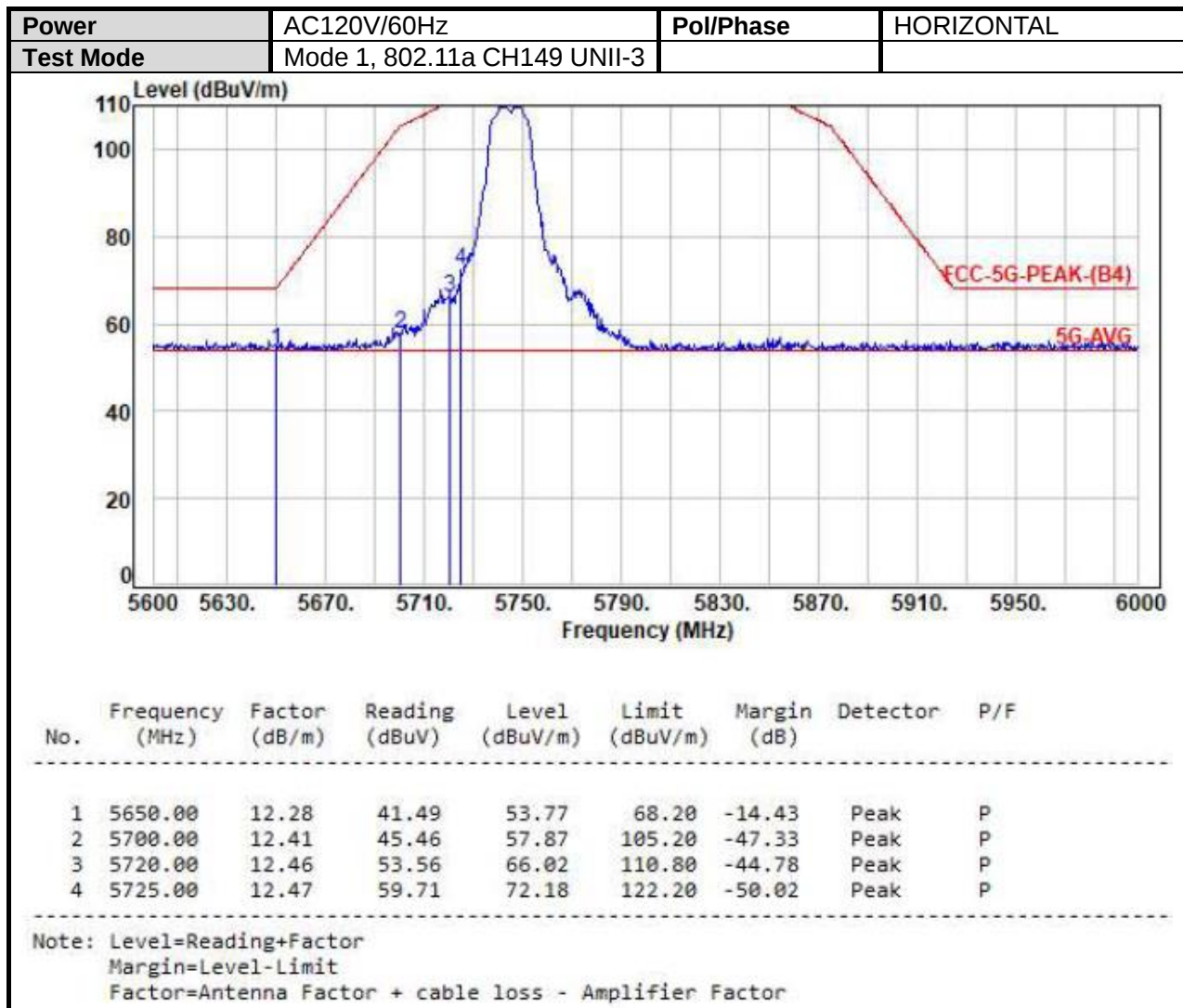


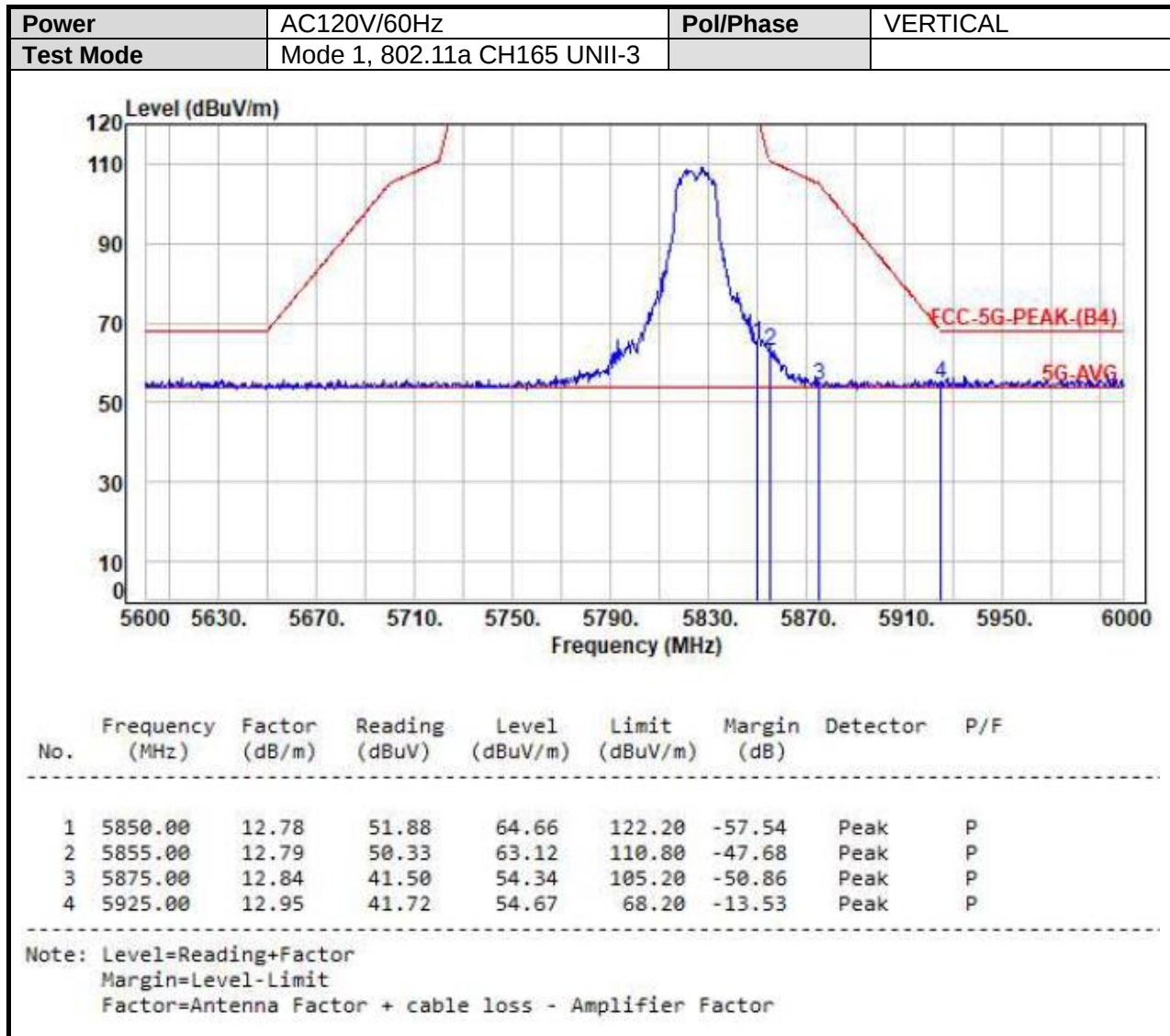


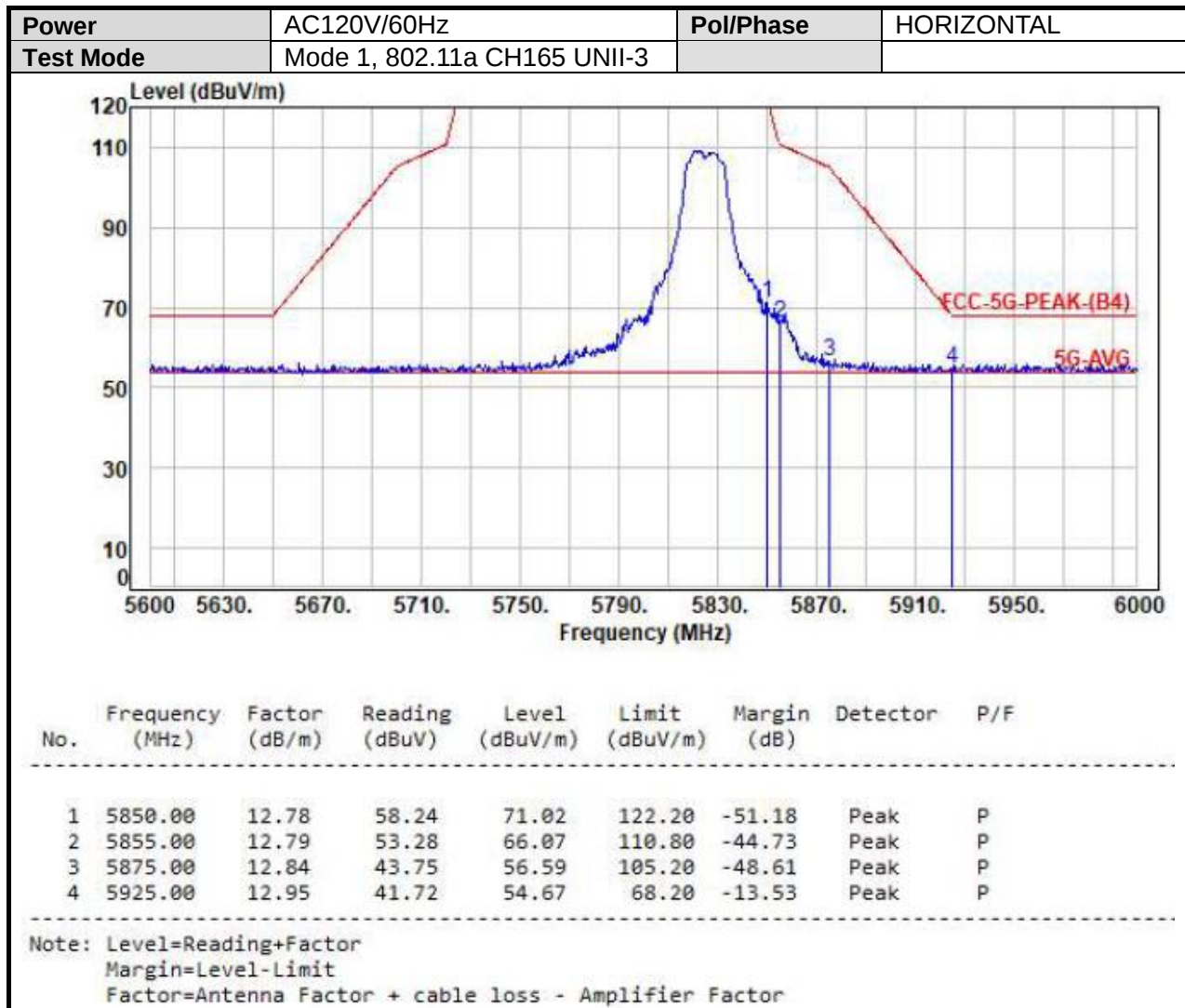


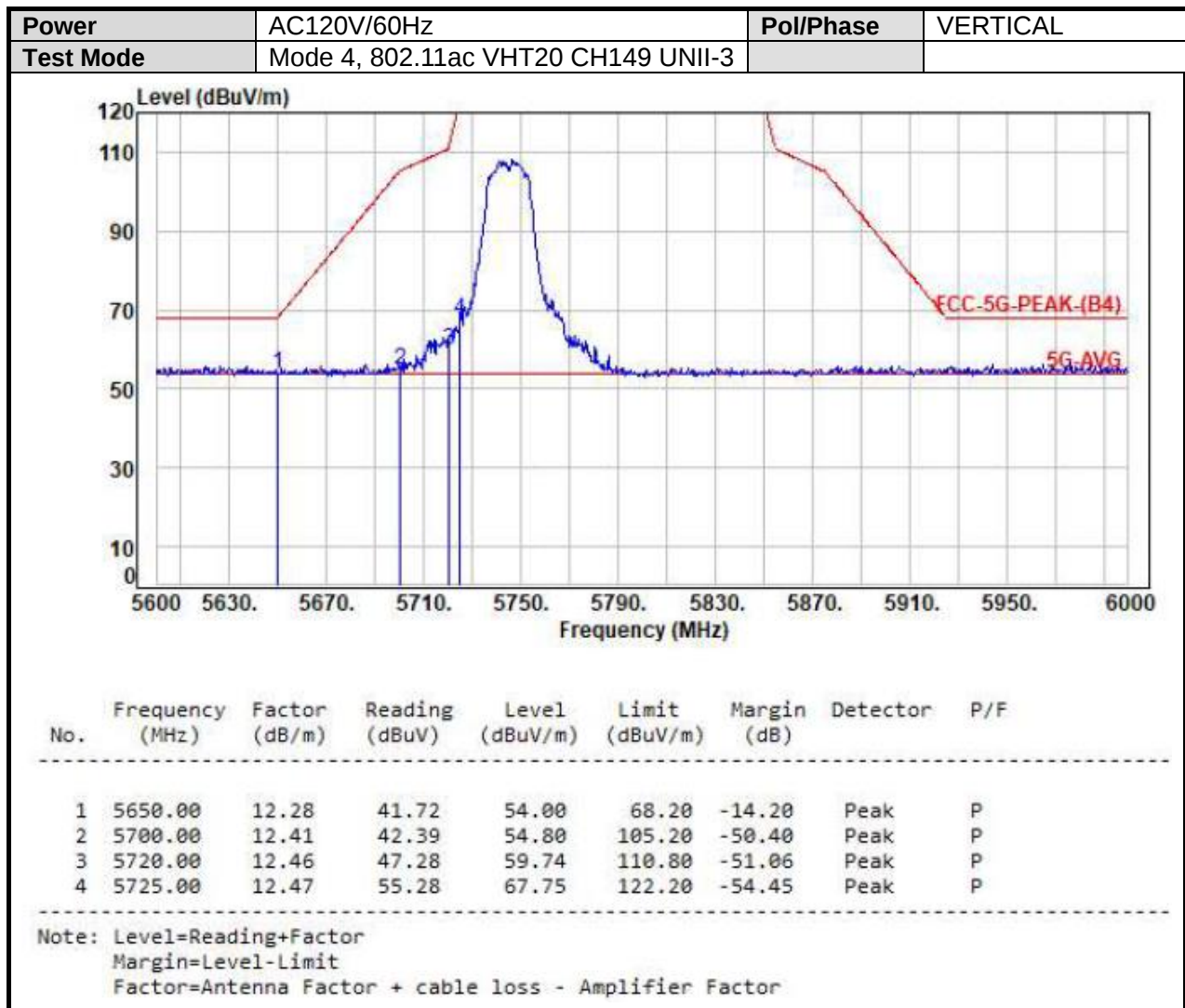
UNII-3

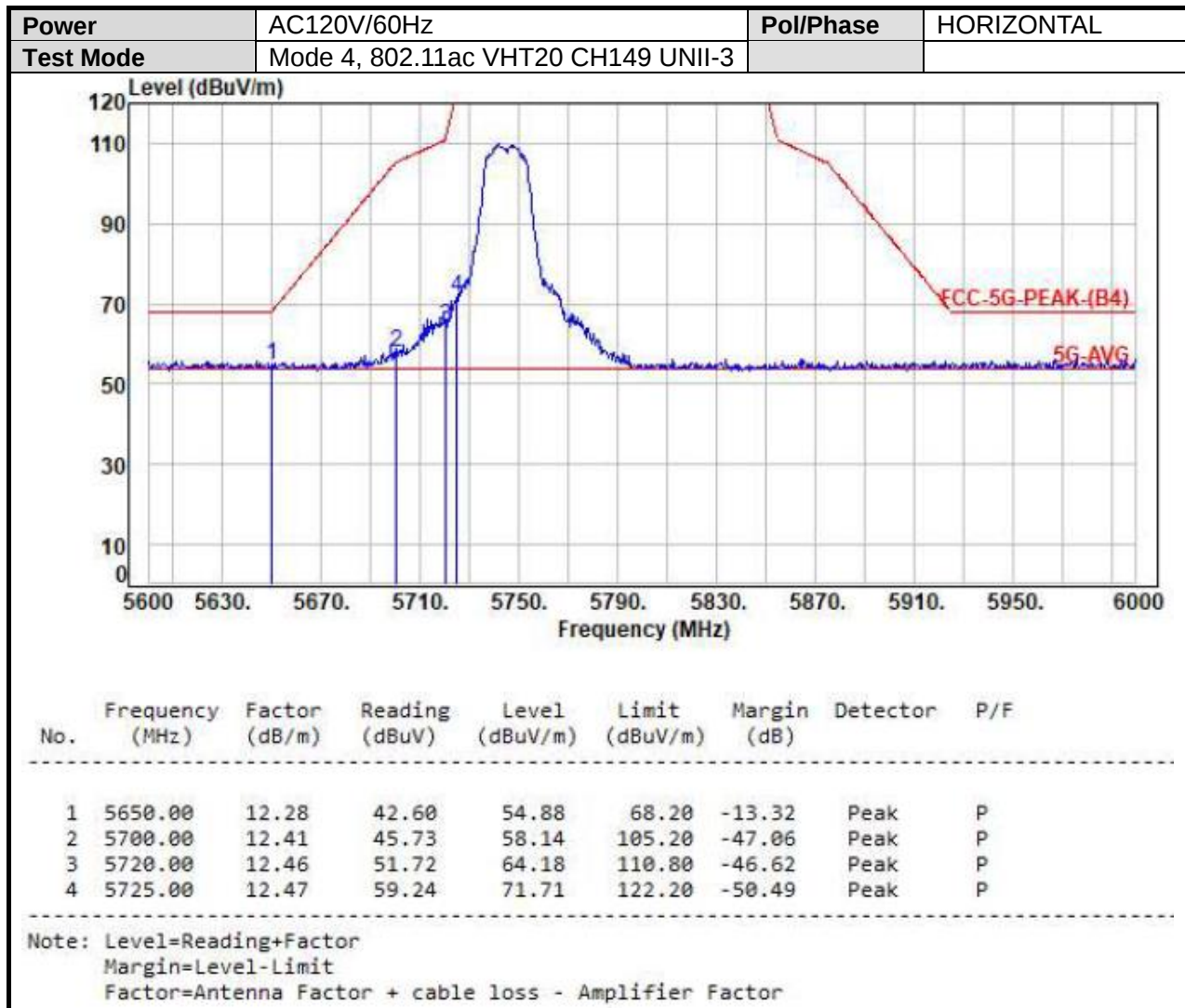


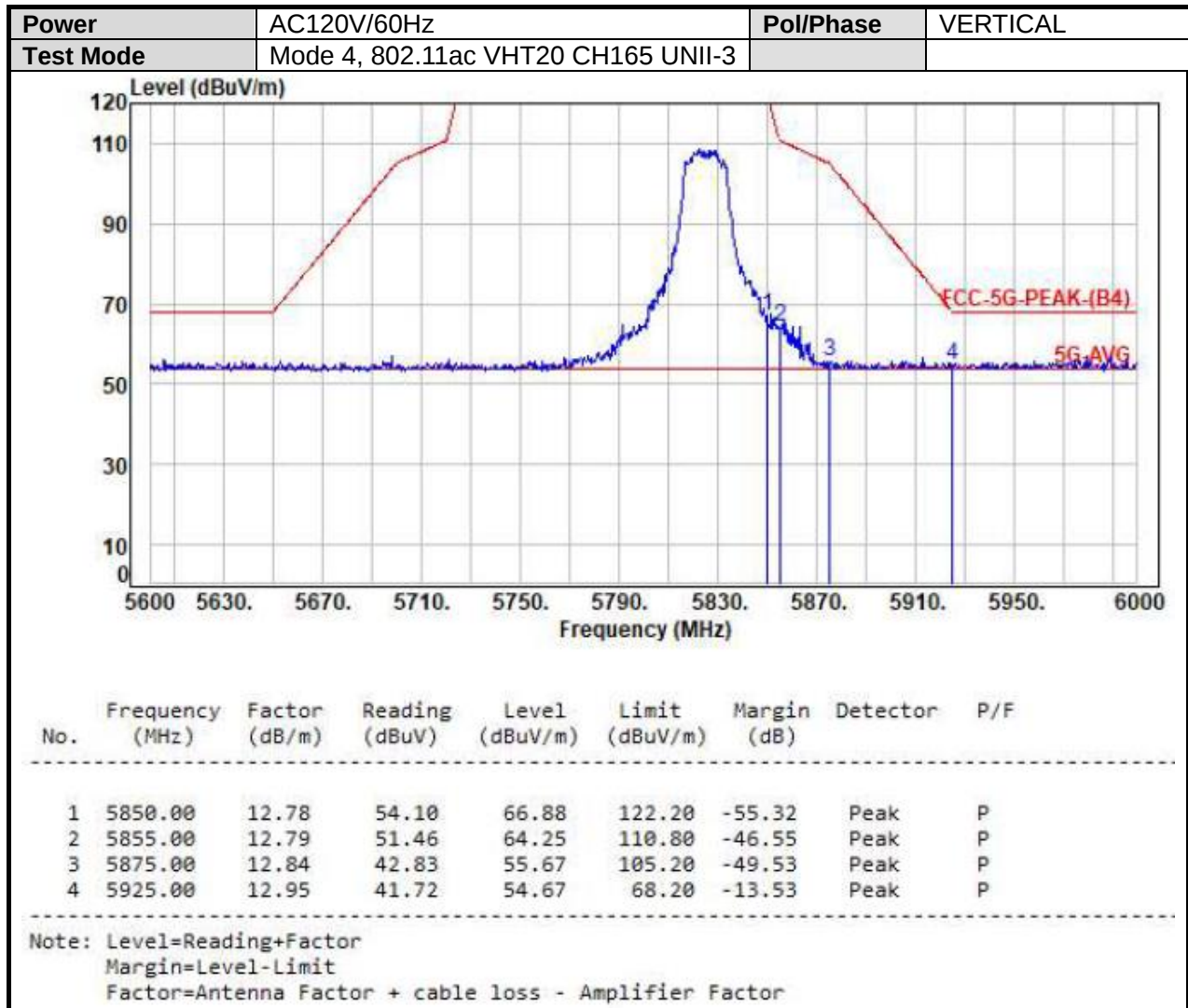


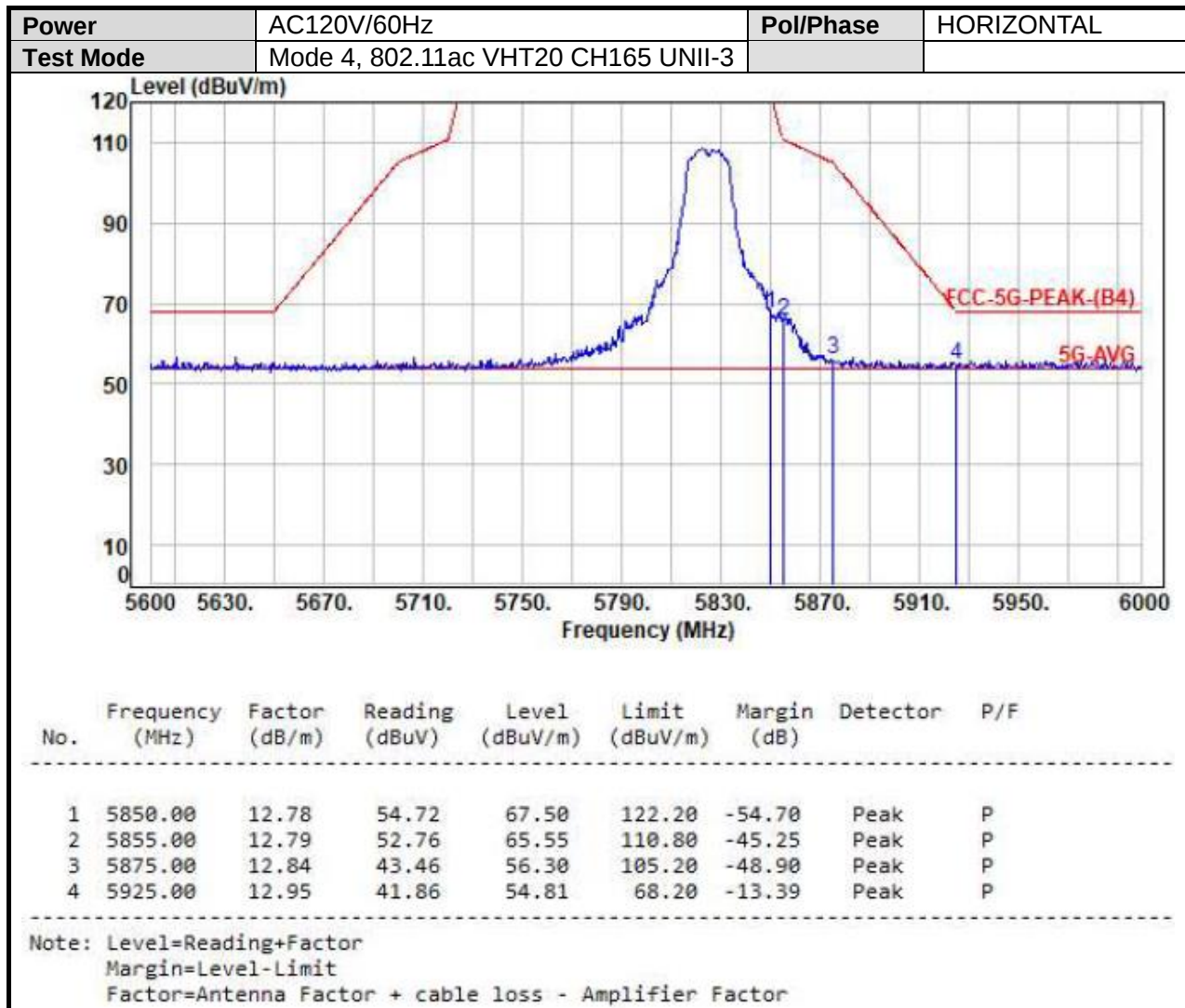


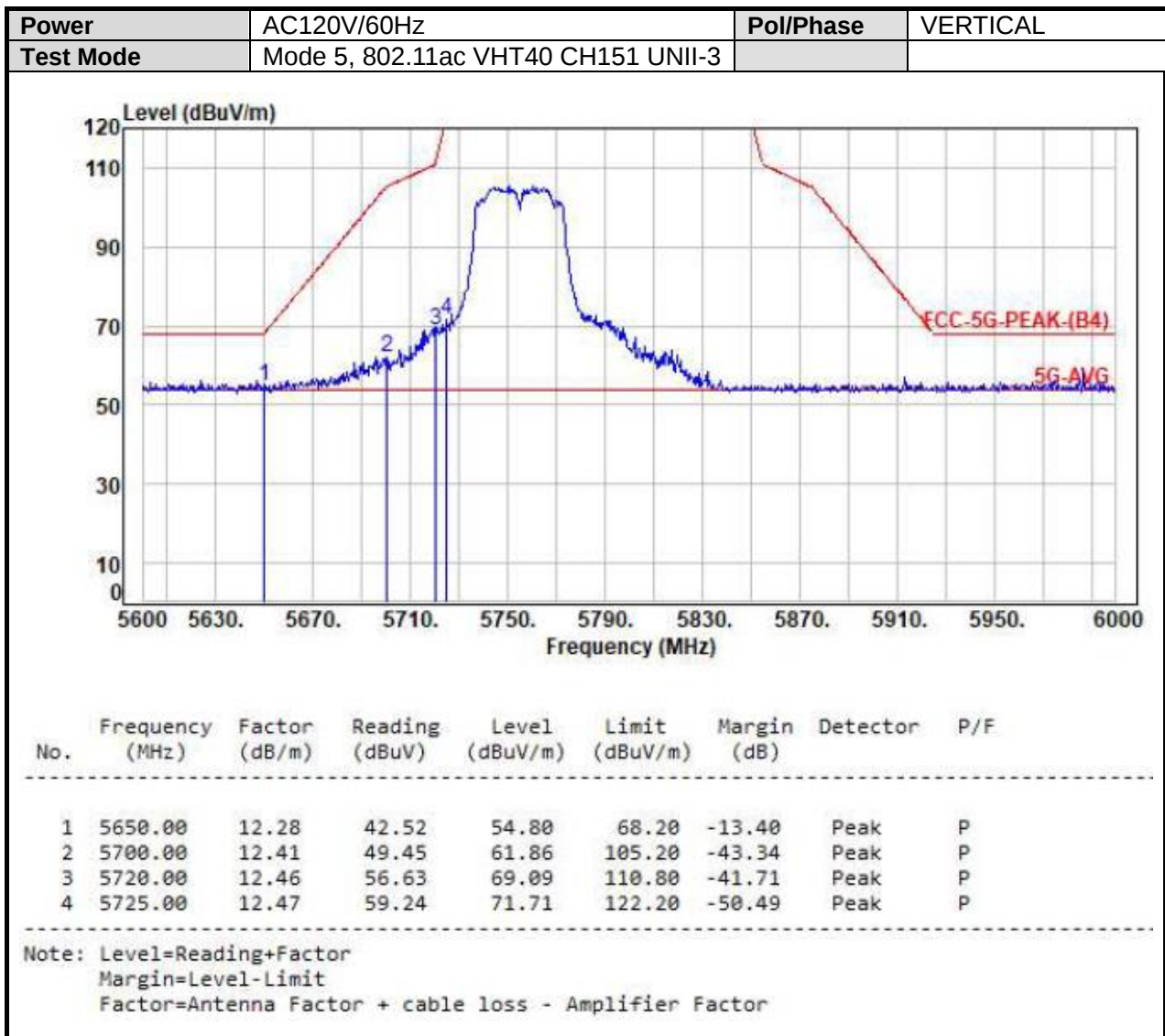


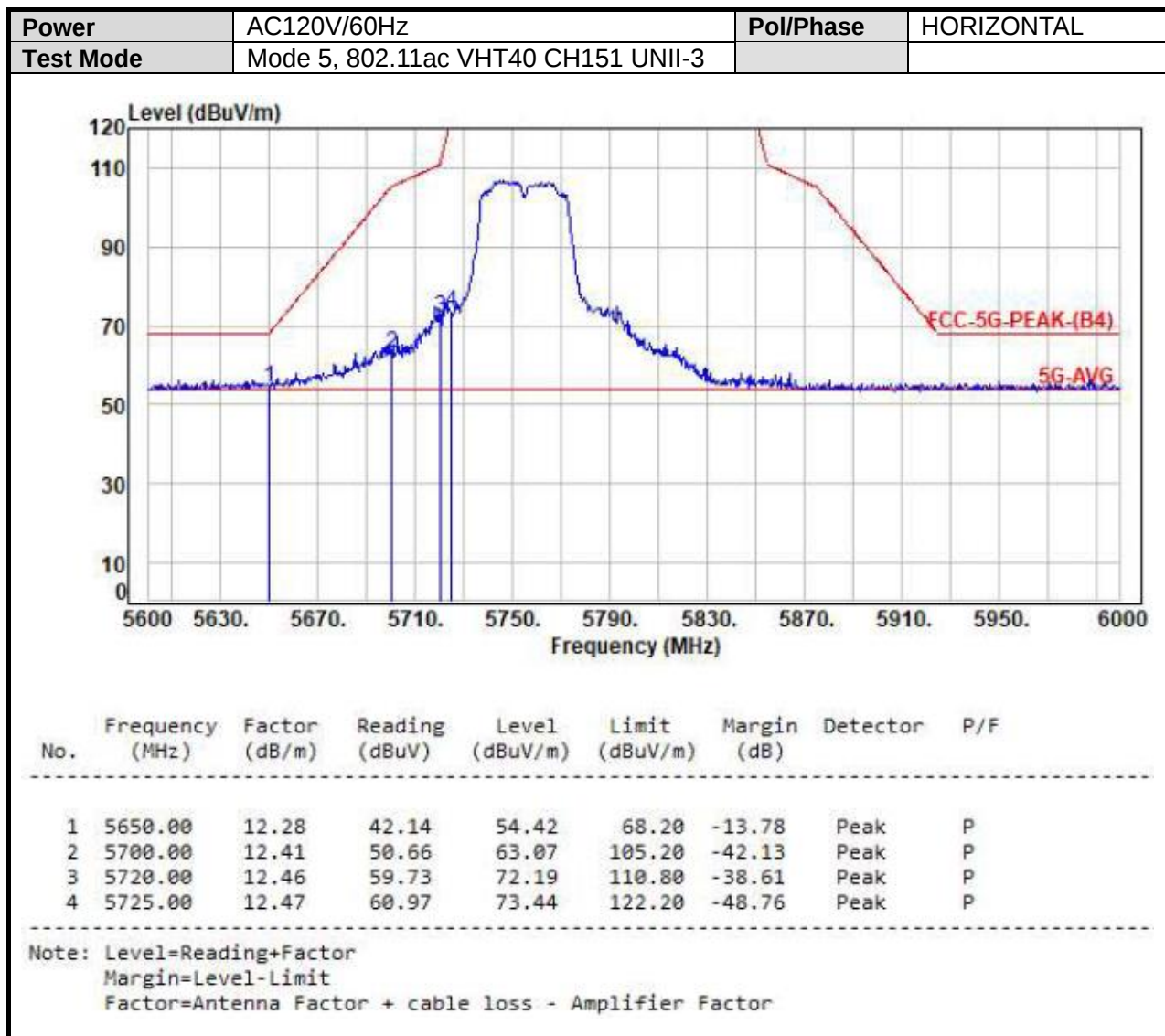


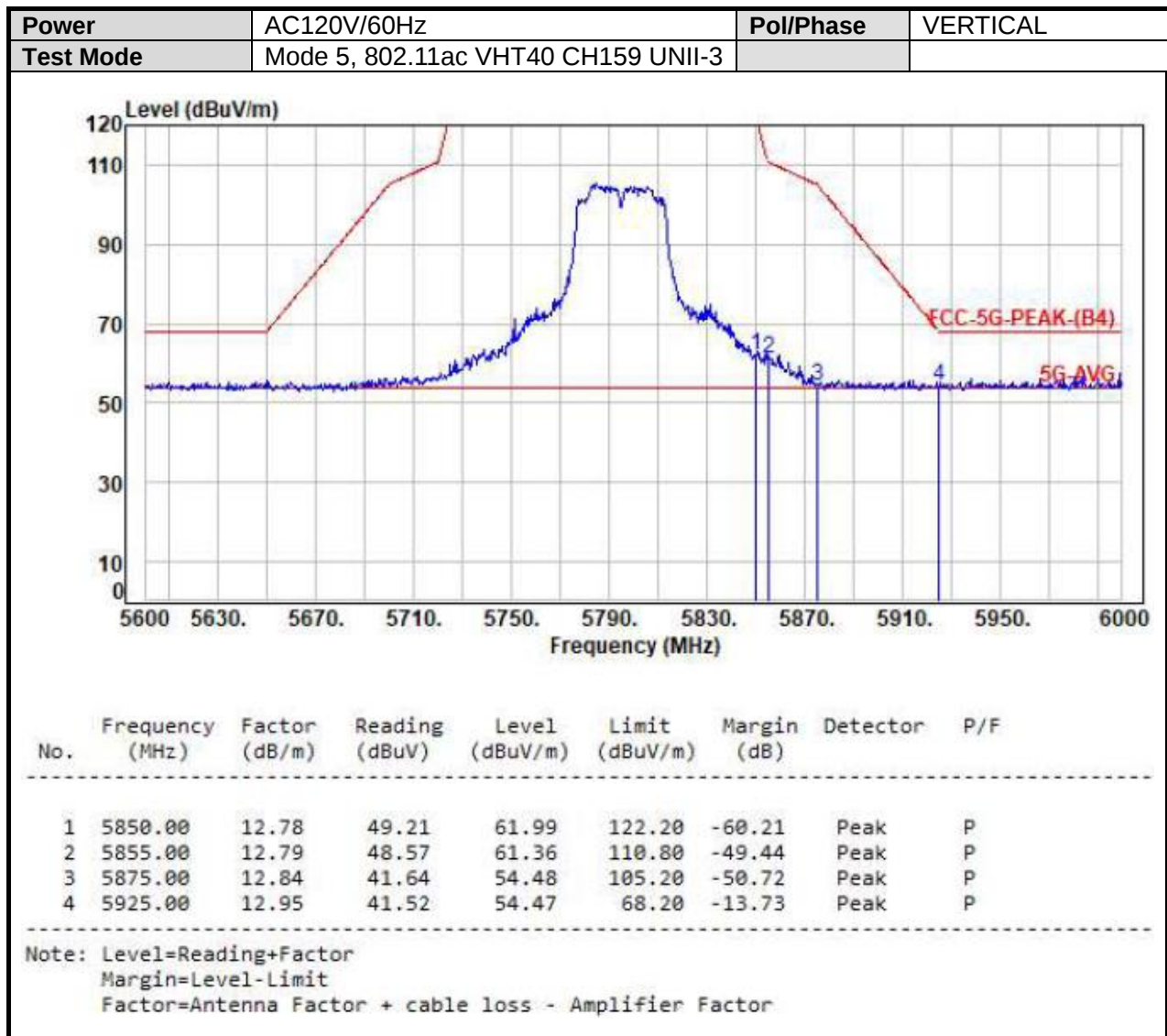


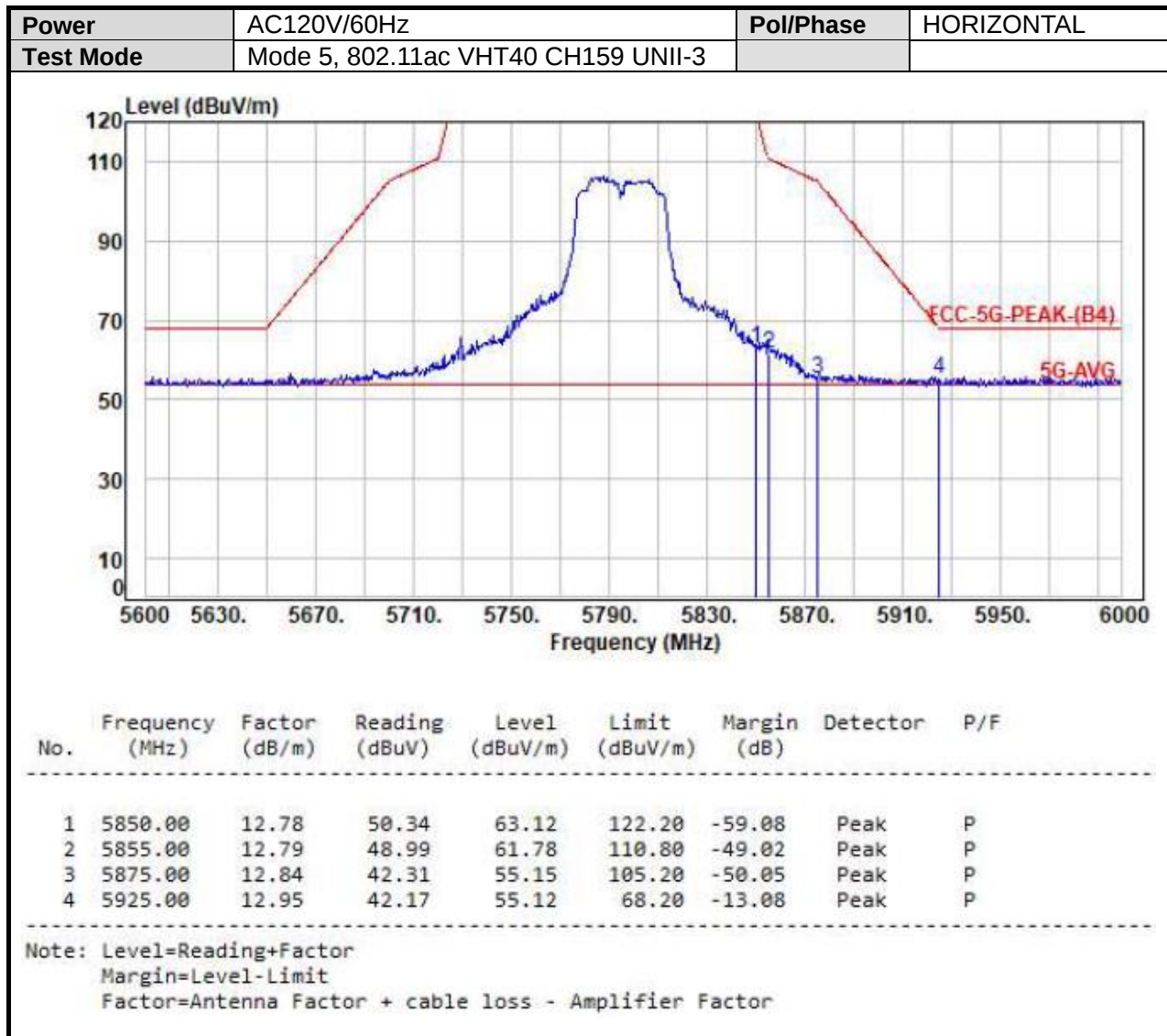


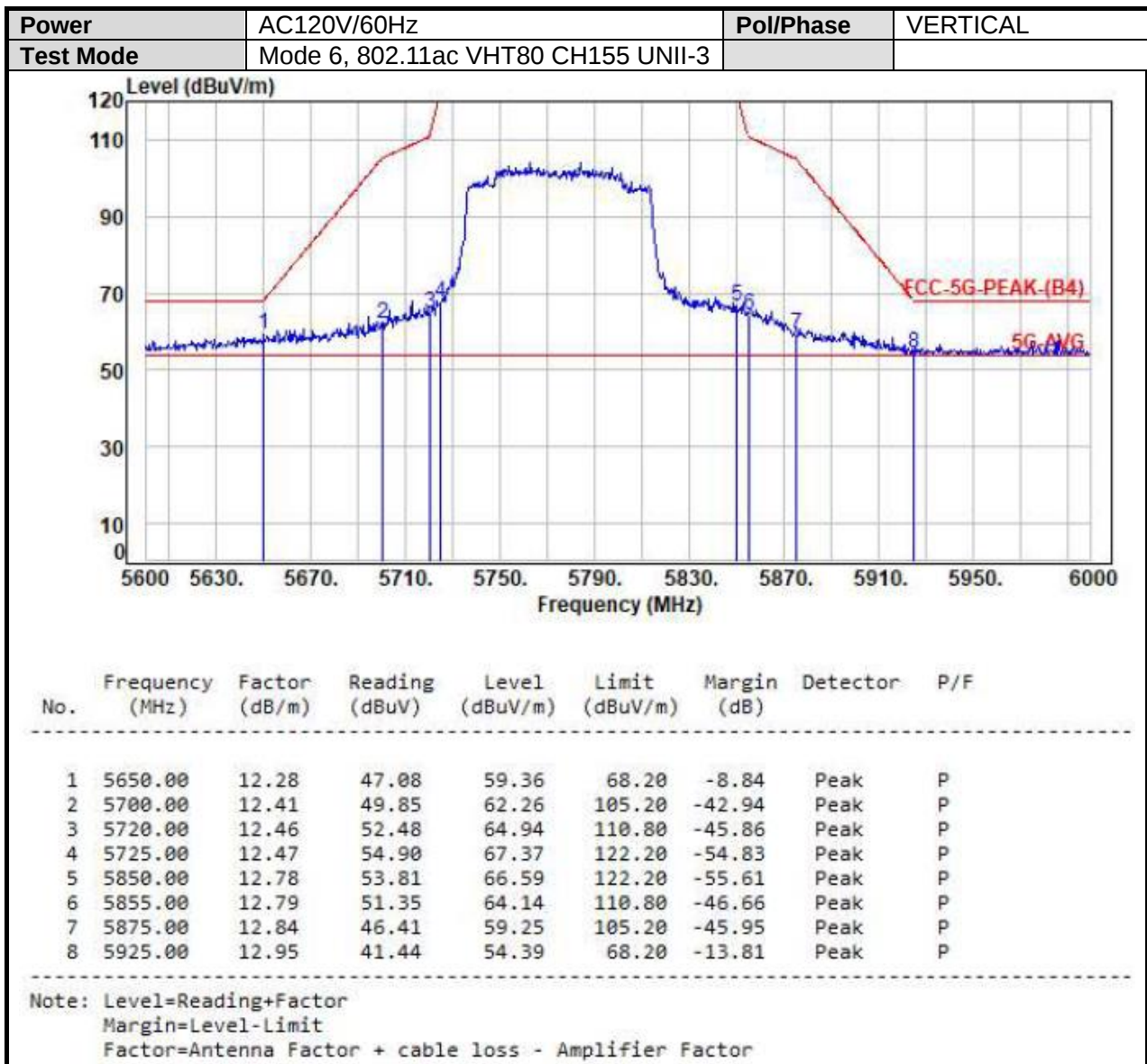


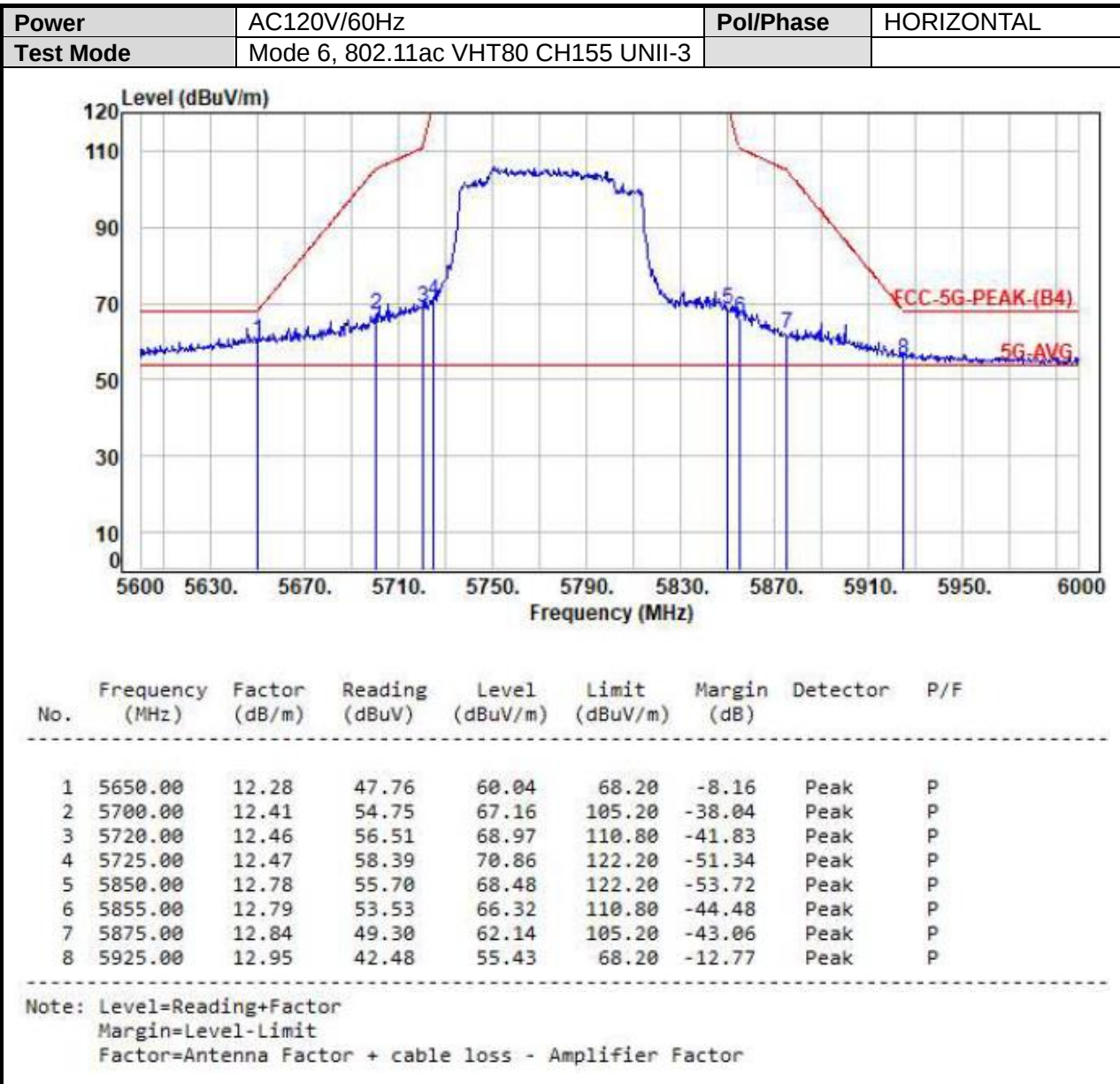


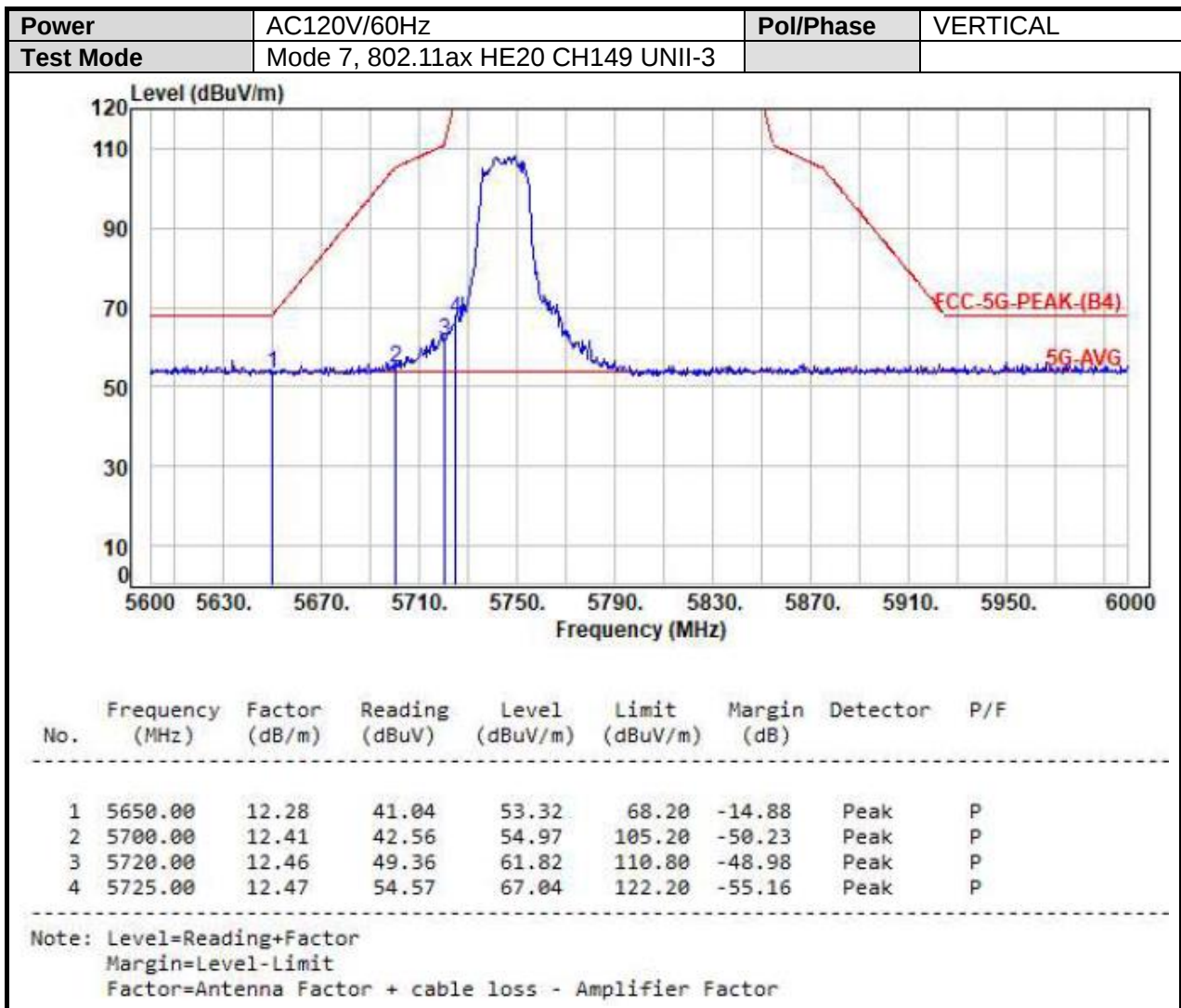


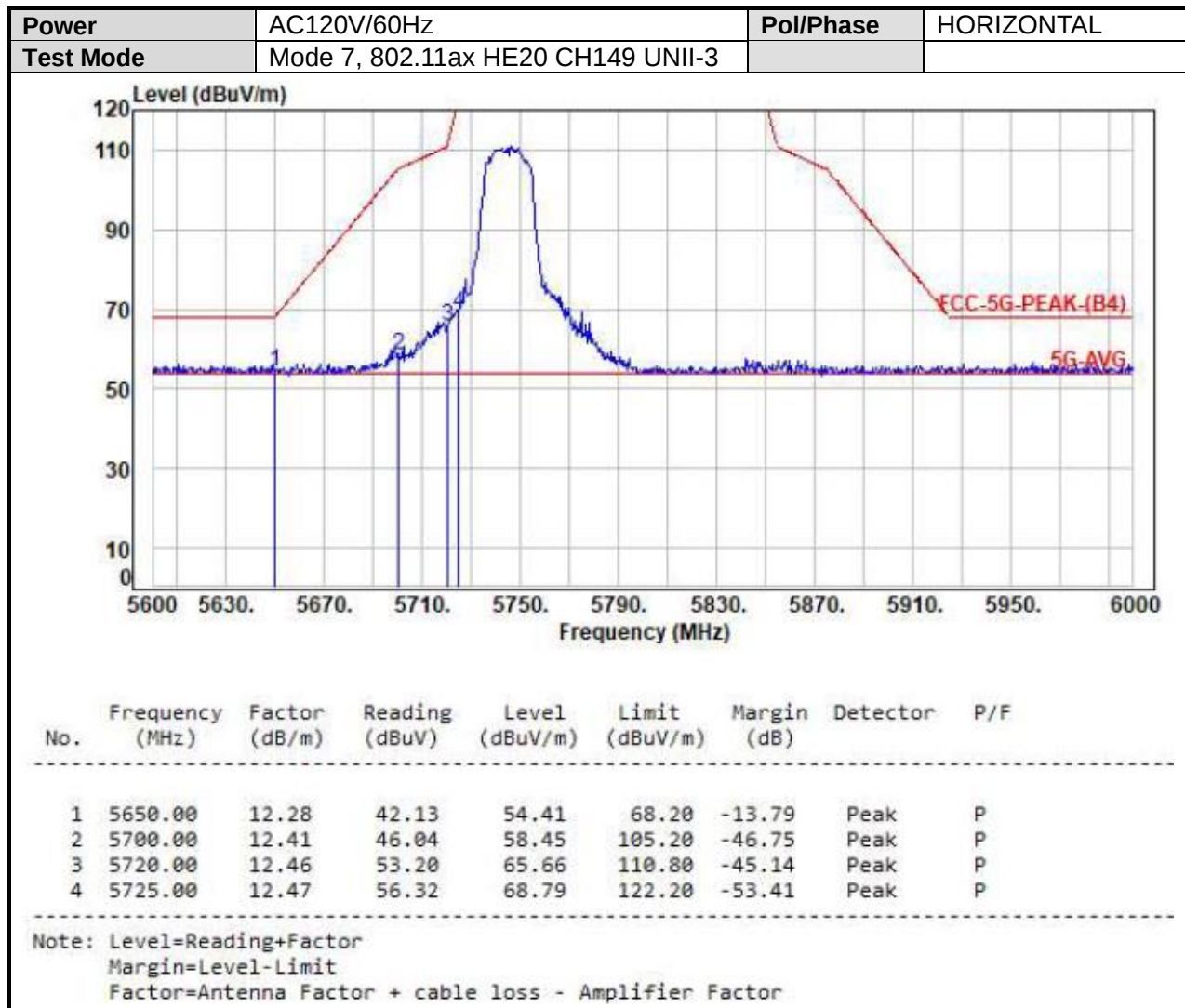


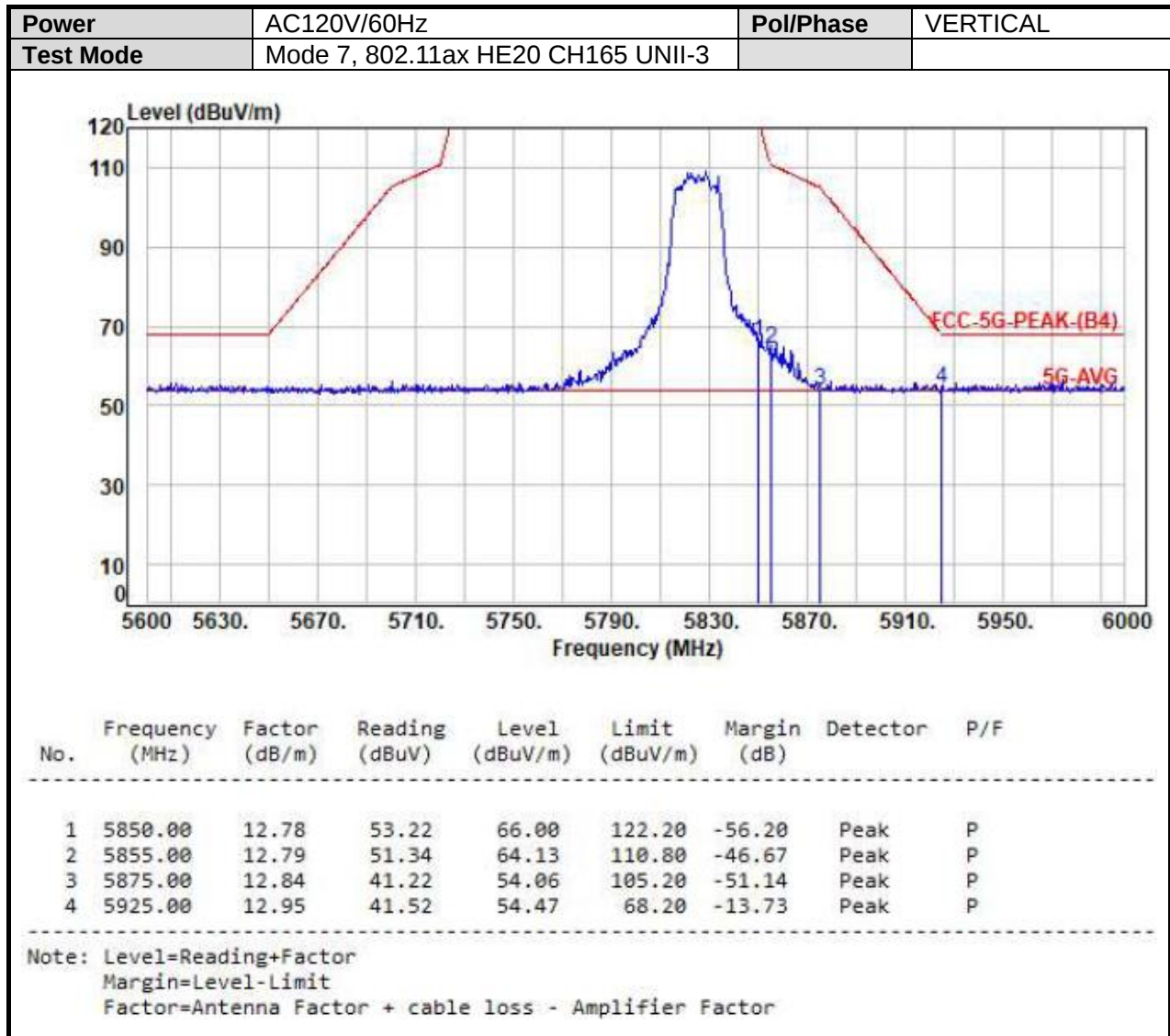


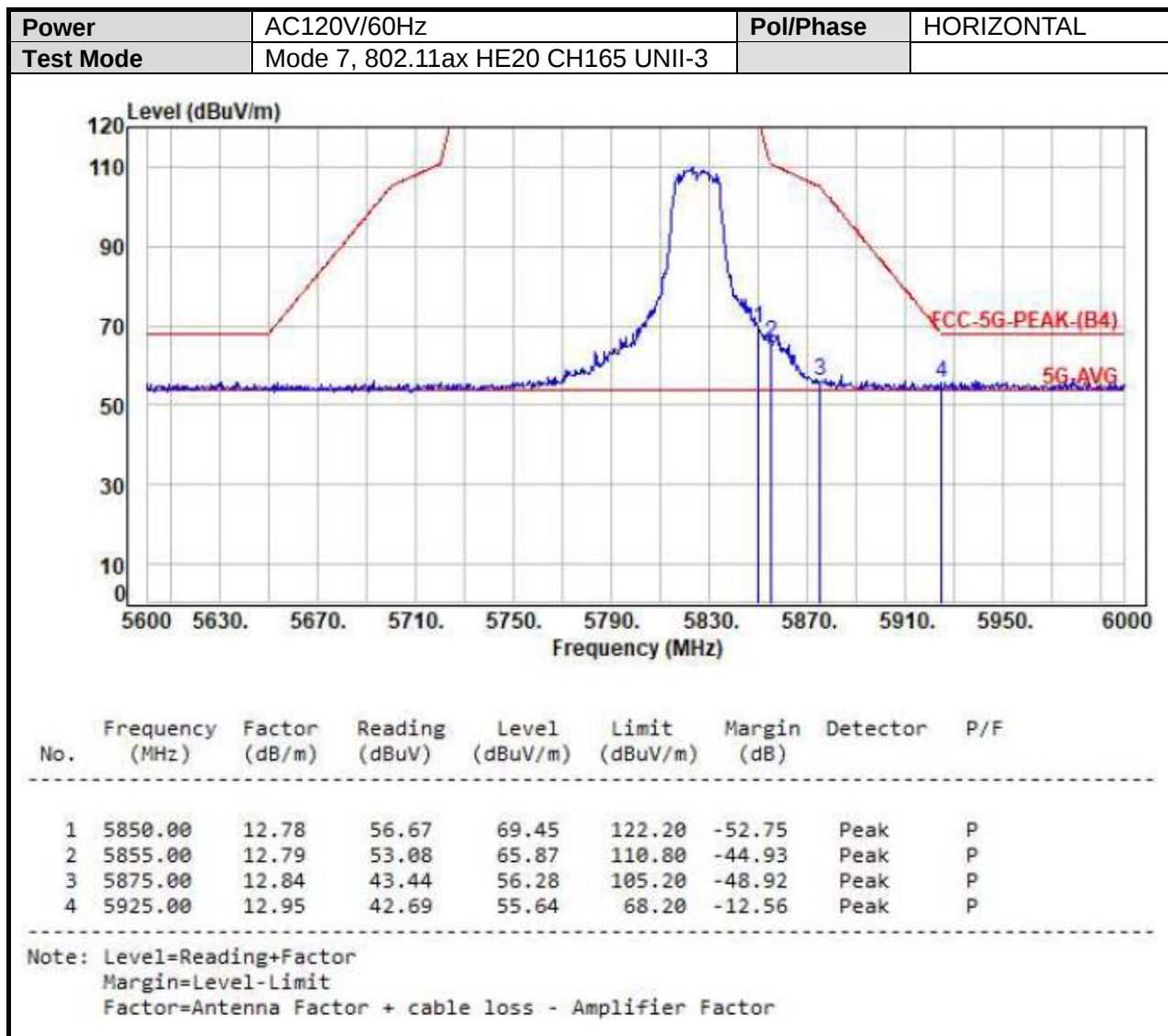


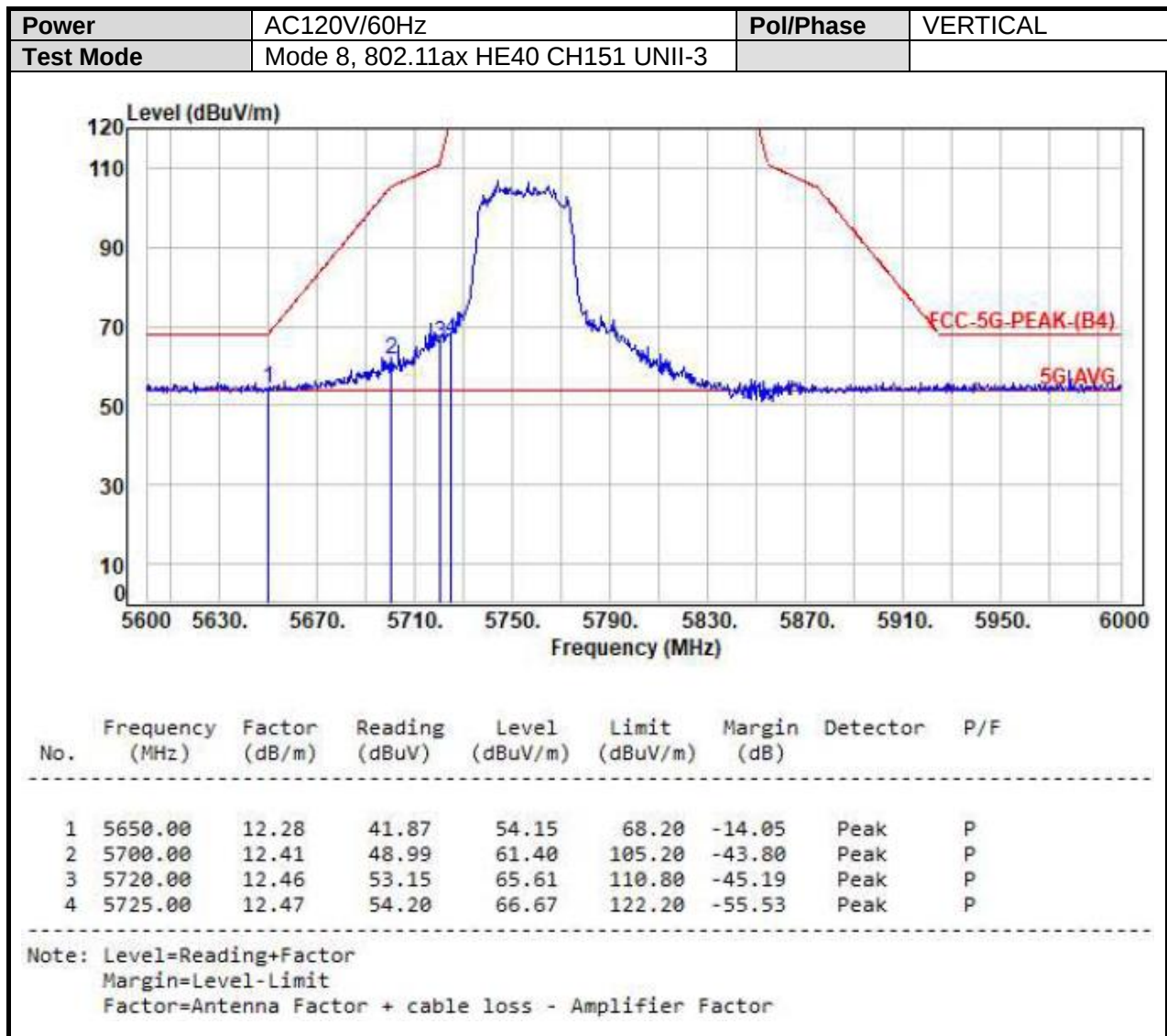


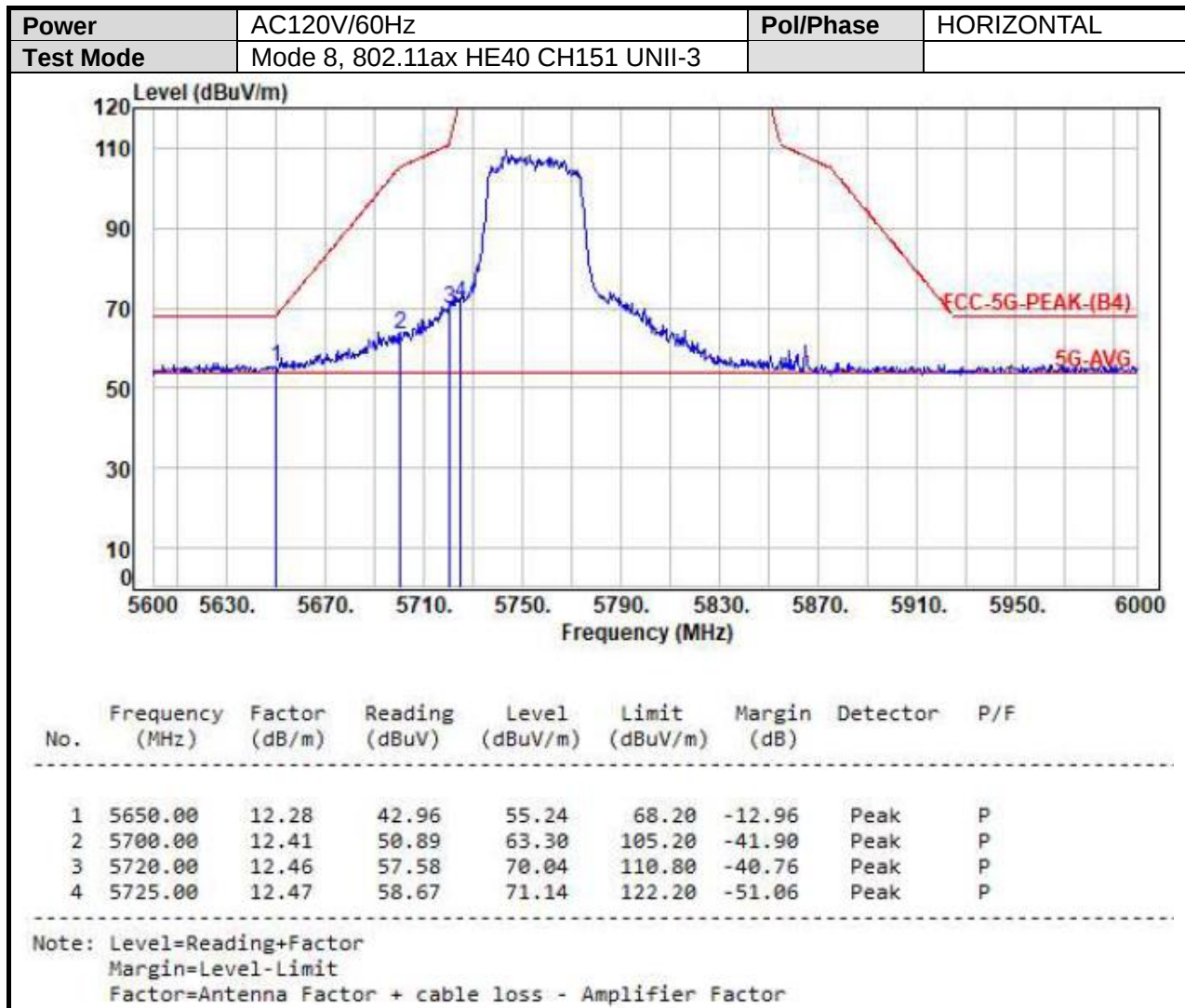


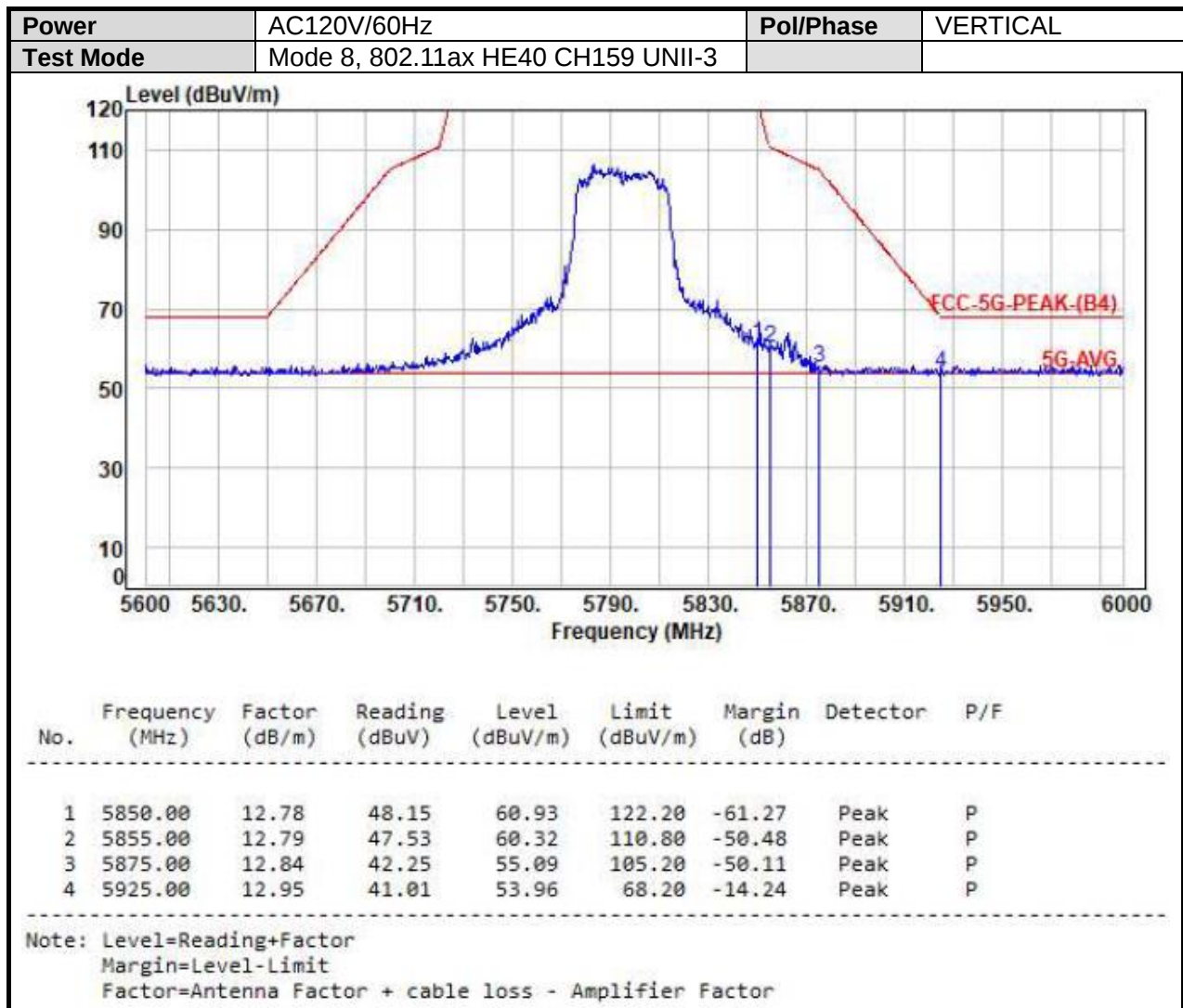


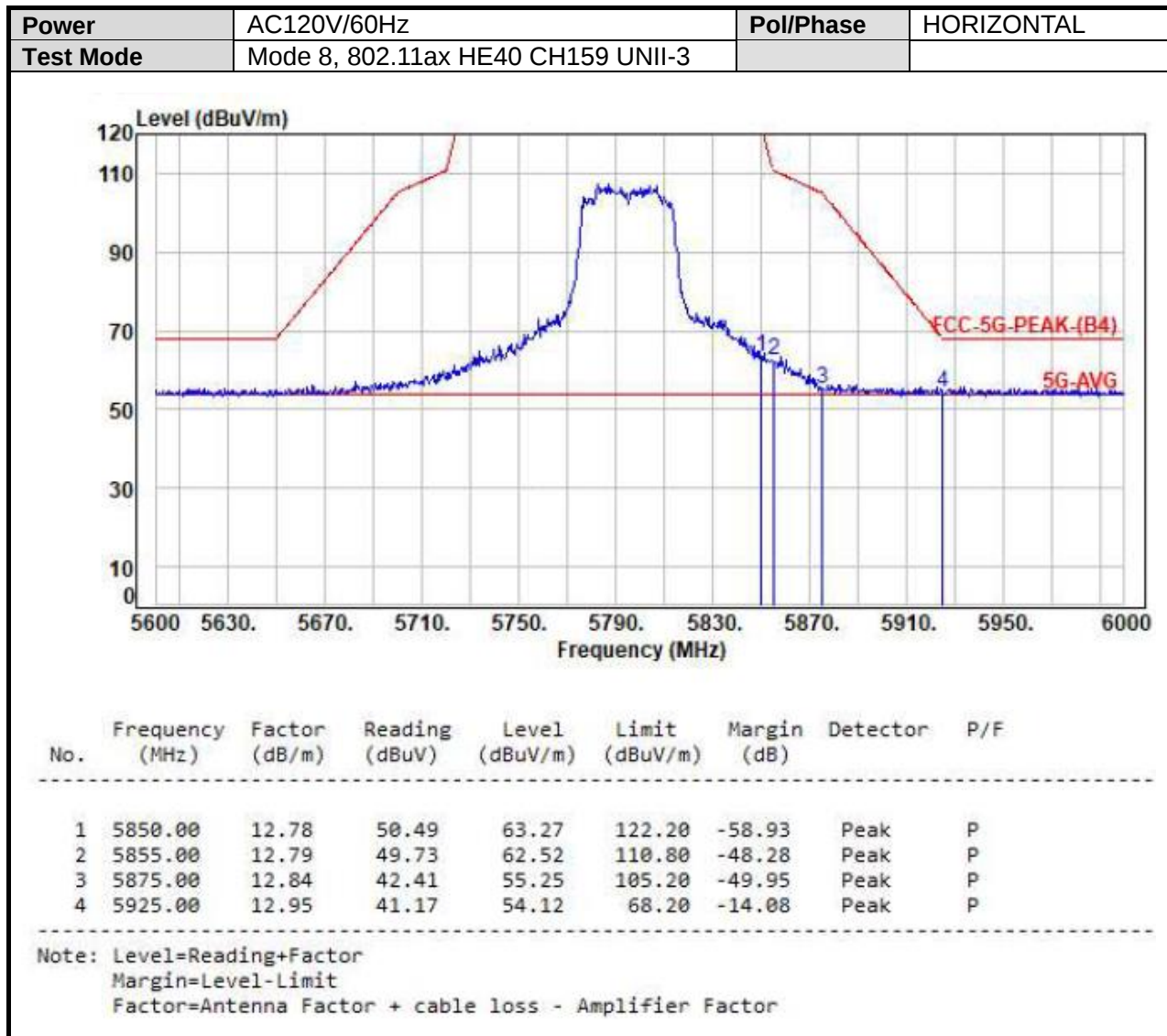


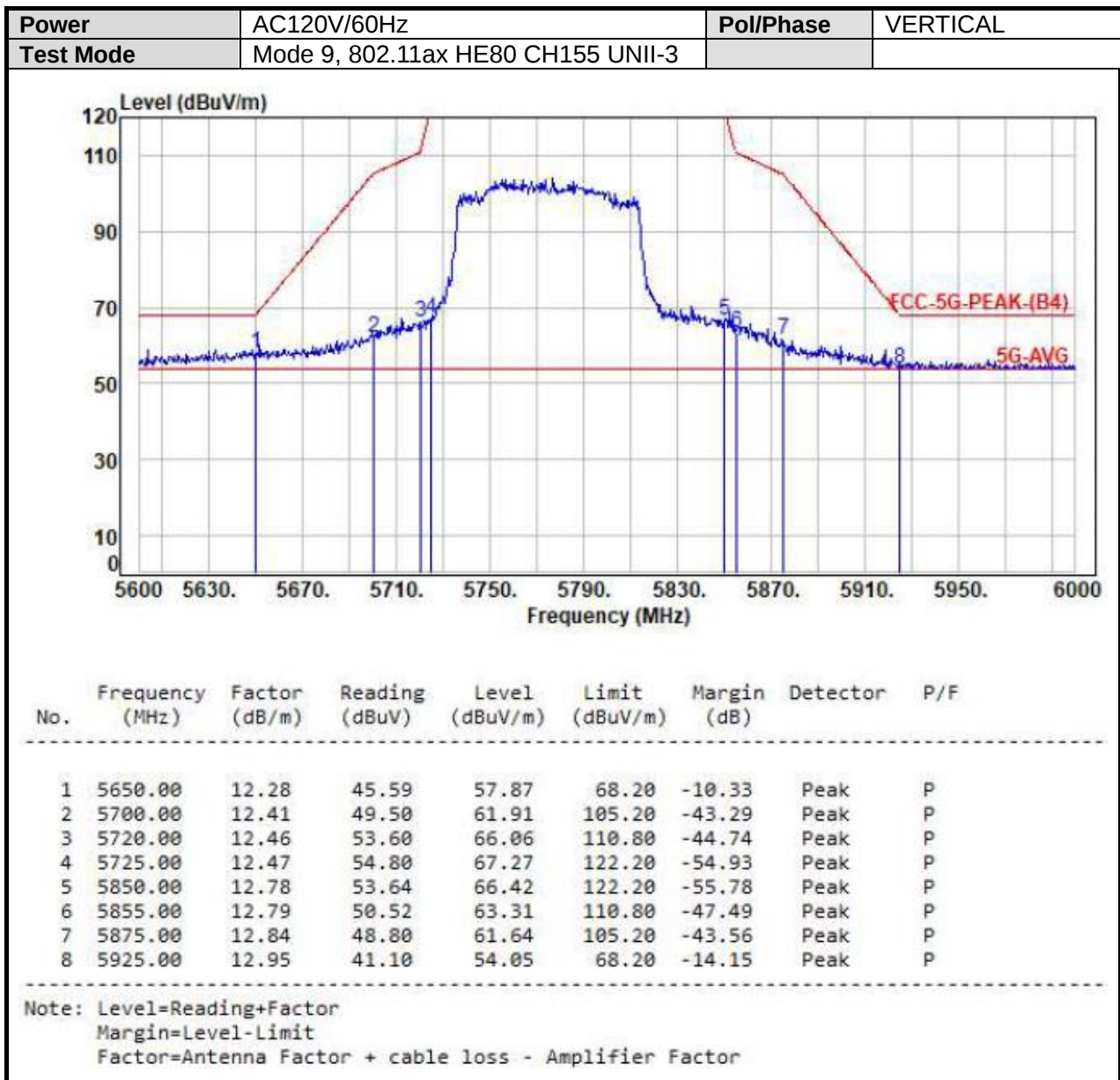


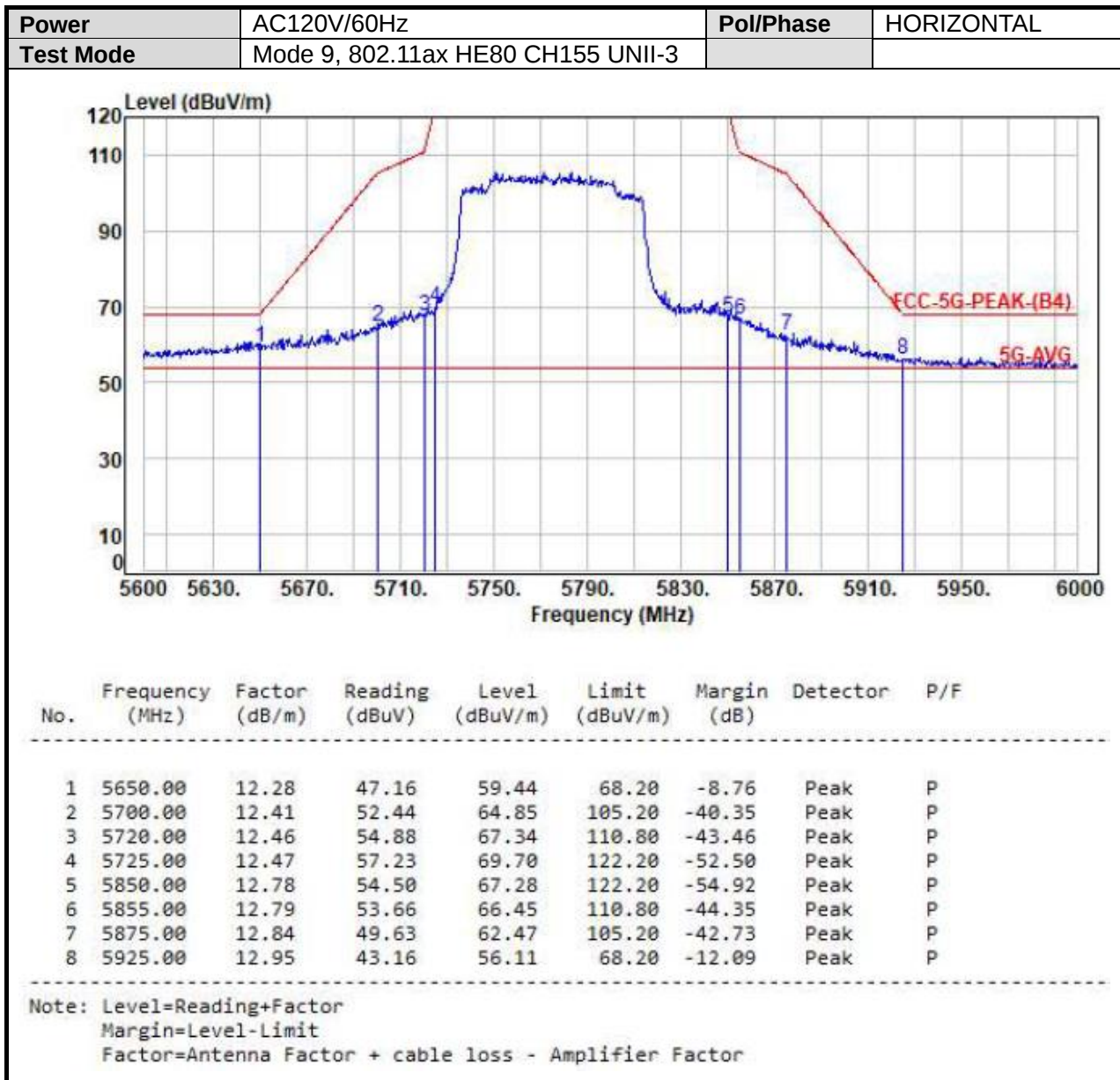














7. On Time, Duty Cycle and Measurement methods

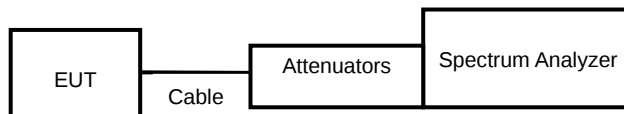
7.1. Test Limit

None; for reporting purposes only.

7.2. Test Procedure

KDB 789033 Zero-Span Spectrum Analyzer Method.

7.3. Test Setup Layout



7.4. Test Result and Data

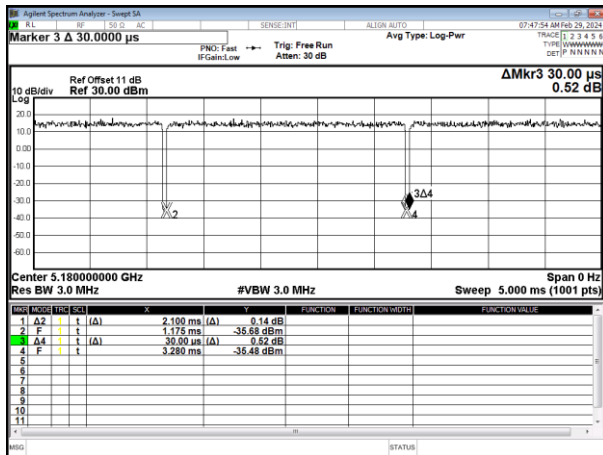
Modulation Mode	On Time (msec)	Period Time (msec)	Duty Cycle (%)
802.11a	2.100	2.130	98.59%
802.11ac VHT20	3.955	3.990	99.12%
802.11ac VHT40	3.970	4.010	99.00%
802.11ac VHT80	3.980	4.015	99.13%
802.11ax HE20	3.990	4.030	99.01%
802.11ax HE40	3.990	4.030	99.01%
802.11ax HE80	3.990	4.030	99.01%

7.5. Measurement Methods

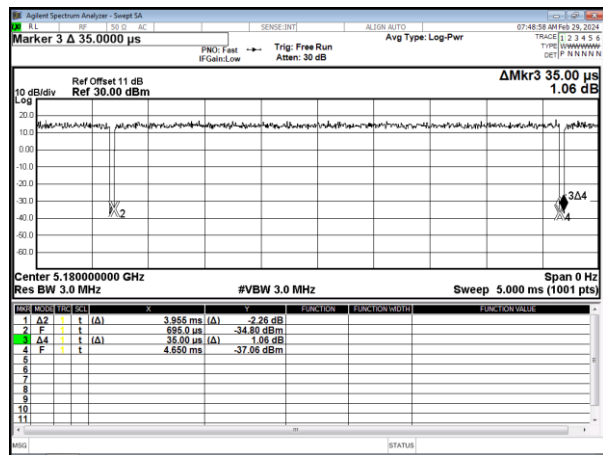
26 dB and 6dB Emission BW	KDB 789033 v02r01, Section C
99% Occupied BW	KDB 789033 v02r01, Section D
Conducted Output Power	KDB 789033 v02r01, Section E.2.d and E.3.b (Method PM-G)
Power Spectral Density	KDB 789033 v02r01, Section F
Unwanted emissions in restricted bands	KDB 789033 v02r01, Sections G and H
Unwanted emissions in non-restricted bands	KDB 789033 v02r01, Sections G and H



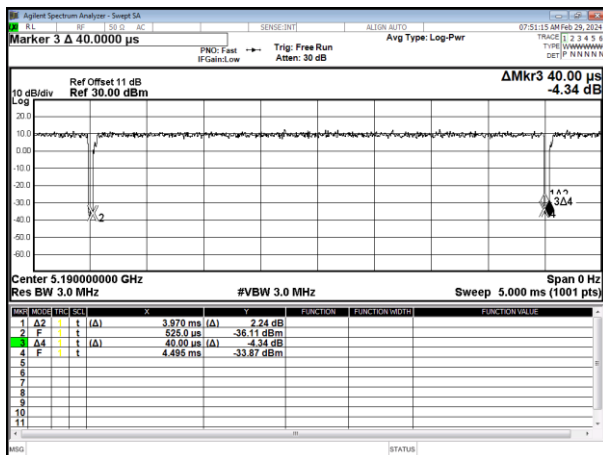
Modulation Type: 802.11a



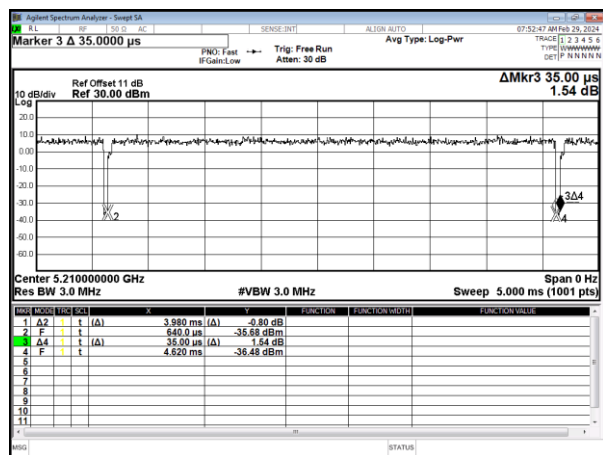
Modulation Type: 802.11ac VHT20



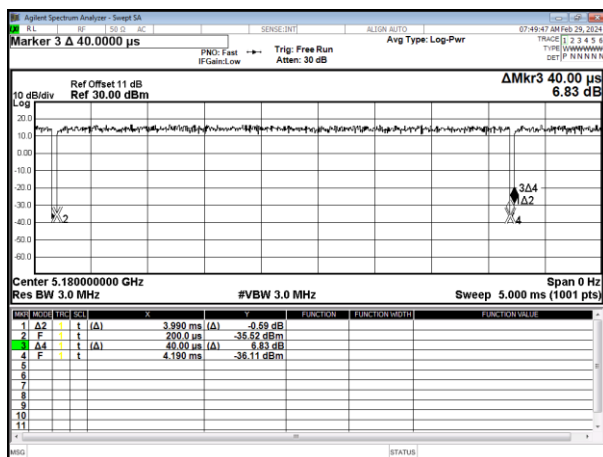
Modulation Type: 802.11ac VHT40



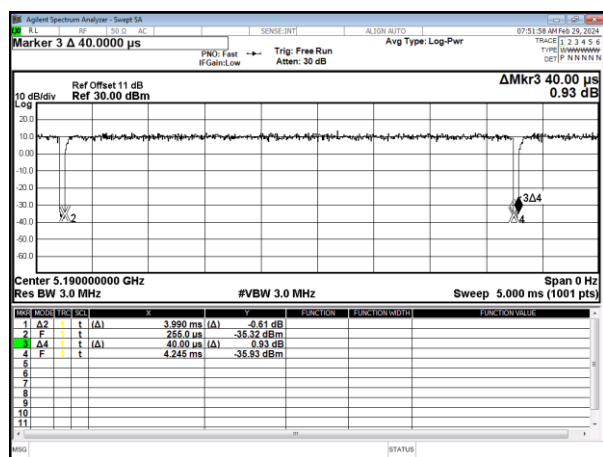
Modulation Type: 802.11ac VHT80



Modulation Type: 802.11ax HE20

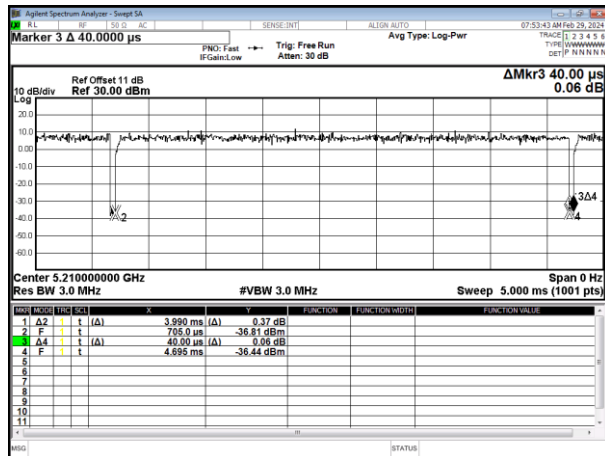


Modulation Type: 802.11ax HE40





Modulation Type: 802.11ax HE80





8. 6dB Bandwidth & 99% Occupied Bandwidth

8.1. Test Limit

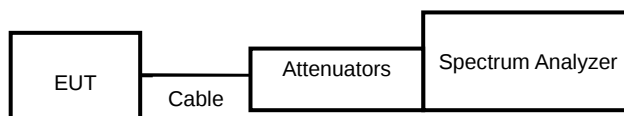
FCC §15.407

The minimum 6 dB bandwidth shall be at least 500 kHz.

8.2. Test Procedure

Reference to 789033 v02r01 General UNII Test Procedures New Rules v01: The transmitter output is connected to a spectrum analyzer with the RBW set to 100KHz, the VBW $\geq 3 \times$ RBW, peak detector and max hold.

8.3. Test Setup Layout





8.4. Test Result and Data (6dB Bandwidth)

In the 5.8GHz Band

SISO

Mode	Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (MHz)
			ANT A	
802.11a	149	5745	15.51	0.50
	157	5785	13.92	0.50
	165	5825	14.75	0.50
802.11ac VHT20	149	5745	16.34	0.50
	157	5785	13.90	0.50
	165	5825	13.79	0.50
802.11ac VHT40	155	5755	34.15	0.50
	159	5795	30.78	0.50
802.11ac VHT80	155	5775	68.84	0.50
802.11ax HE20	149	5745	15.98	0.50
	157	5785	18.37	0.50
	165	5825	15.82	0.50
802.11ax HE40	155	5755	32.42	0.50
	159	5795	35.34	0.50
802.11ax HE80	155	5775	62.62	0.50

UNII Emission Bandwidth Result (Extends across 5725MHz band)

Mode	Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (MHz)
			ANT A	
11a	144	5720	2.73	0.50
11ac VHT20	144	5720	3.35	0.50
11ac VHT40	142	5710	2.83	0.50
11ac VHT80	138	5690	2.73	0.50
11ax HE20	144	5720	4.06	0.50
11ax HE40	142	5710	3.64	0.50
11ax HE80	138	5690	3.67	0.50

**8.5. Test Result and Data (99% Occupied Bandwidth)****In the 5.8GHz Band**

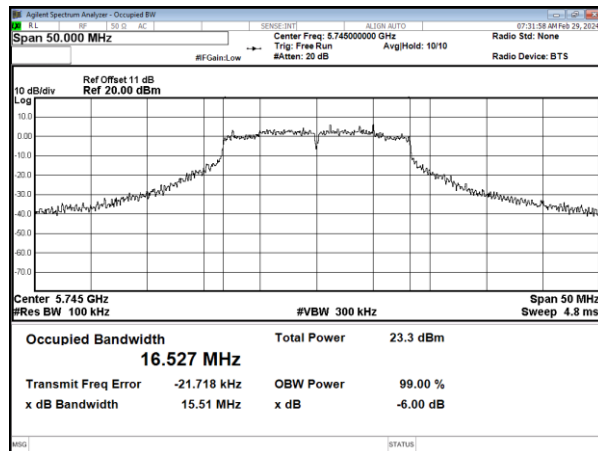
Mode	Channel	Frequency (MHz)	99% Bandwidth(MHz)
			ANT A
802.11a	149	5745	16.825
	157	5785	16.905
	165	5825	17.564
802.11ac VHT20	149	5745	17.817
	157	5785	17.895
	165	5825	18.137
802.11ac VHT40	155	5755	36.514
	159	5795	36.650
802.11ac VHT80	155	5775	75.284
802.11ax HE20	149	5745	18.946
	157	5785	18.956
	165	5825	18.911
802.11ax HE40	155	5755	37.682
	159	5795	37.705
802.11ax HE80	155	5775	76.780

UNII Emission Bandwidth Result (Extends across 5725MHz band)

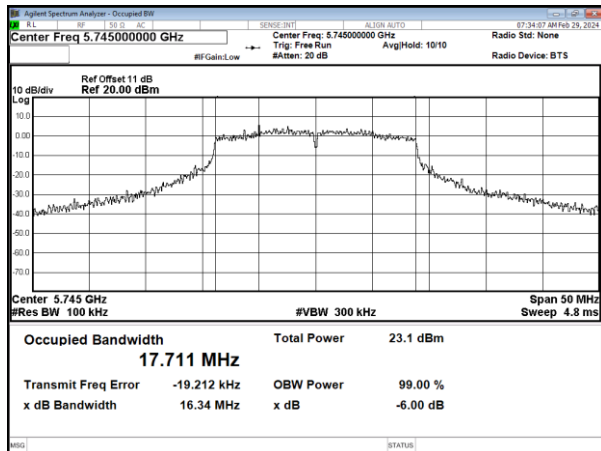
Mode	Channel	Frequency (MHz)	99% Bandwidth(MHz)
			ANT A
11a	144	5720	10.82
11ac VHT20	144	5720	11.66
11ac VHT40	142	5710	30.35
11ac VHT80	138	5690	57.17
11ax HE20	144	5720	9.15
11ax HE40	142	5710	25.91
11ax HE80	138	5690	52.22



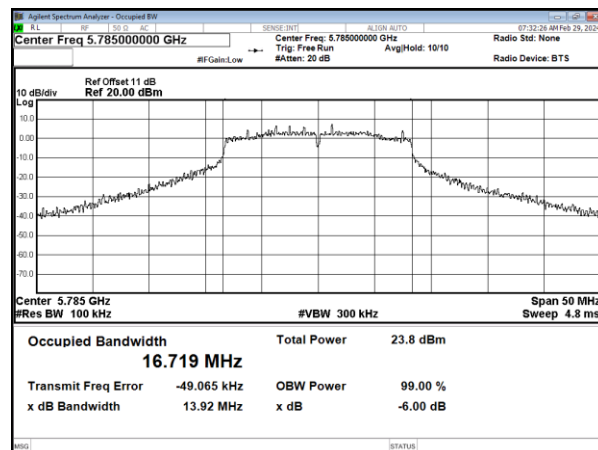
SISO (ANT A)
6dB Bandwidth
Modulation Type: 802.11a
CH149



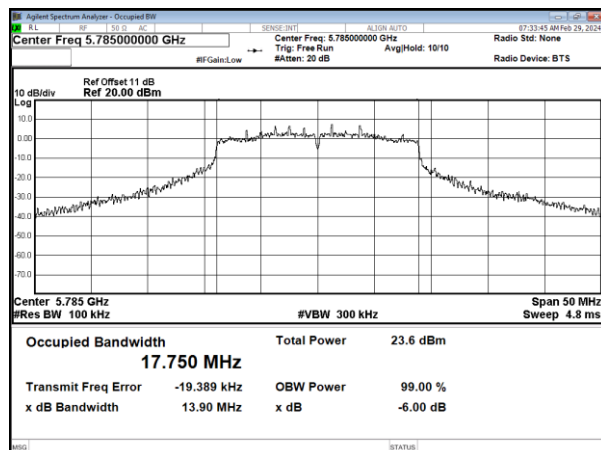
Modulation Type: 802.11ac, VHT20
CH149



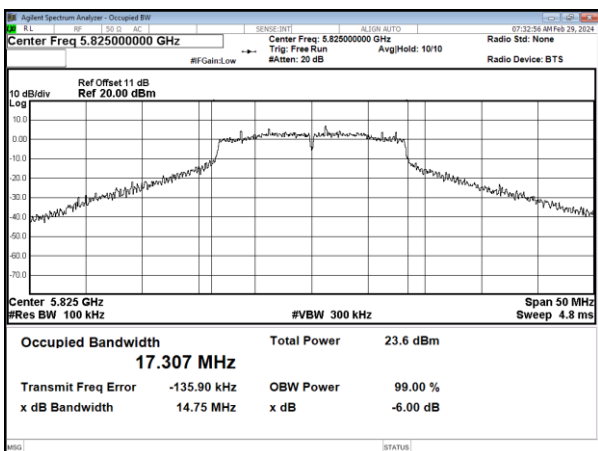
CH157



CH157



CH165



CH165

