

Appendix E of data

1.Radiated Spurious Emission and Restricted Band

For 9 kHz ~ 30 MHz

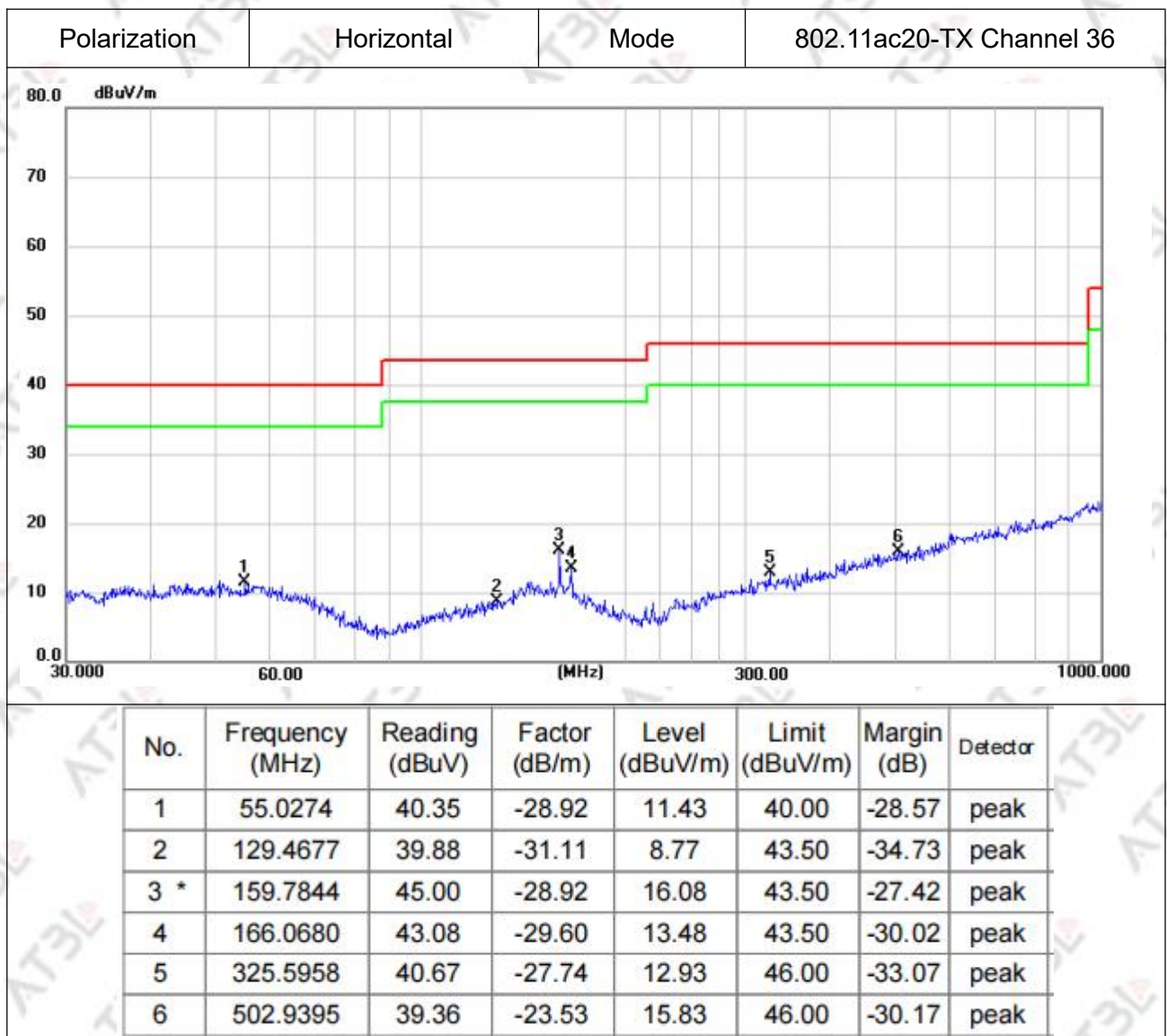
Note:

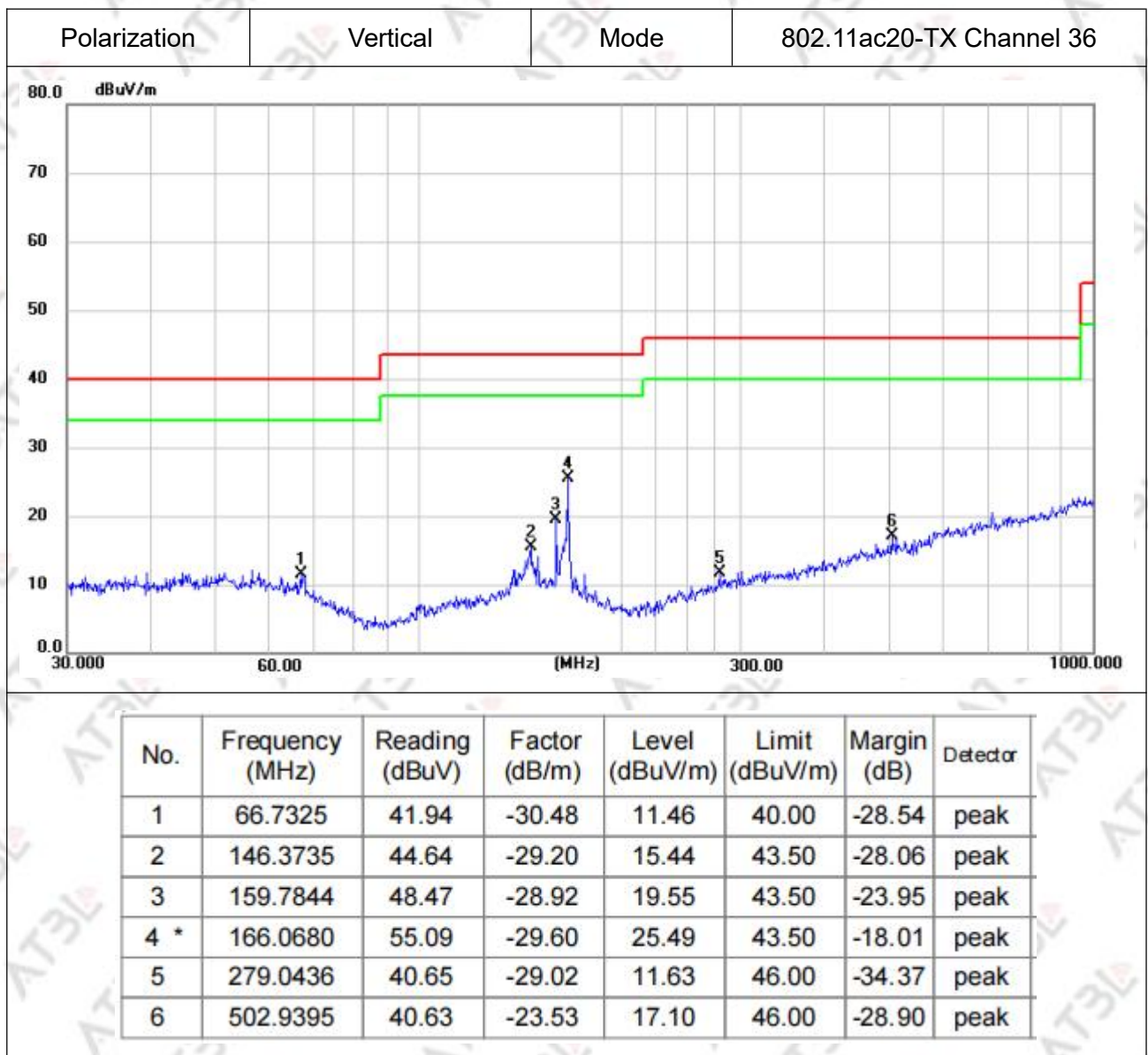
- 1.The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was not reported.
- 2.The all data rate modes had been test, but only worse test data was recorded in the test report.

Below 1GHz:

Note:

- 1.All modes have been tested, only worst (802.11ac20-TX Channel 36)mode was recorded in the test report.
- 2.Emission Level (dBuV/m) = Reading Value (dBuV) + Correction Factor (dB/m).
- 3.Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)-Amplifier Gain.
- 4.The emission levels of other frequencies were less than 20dB margin against the limit.
- 5.Margin value = Emission level-Limit value.



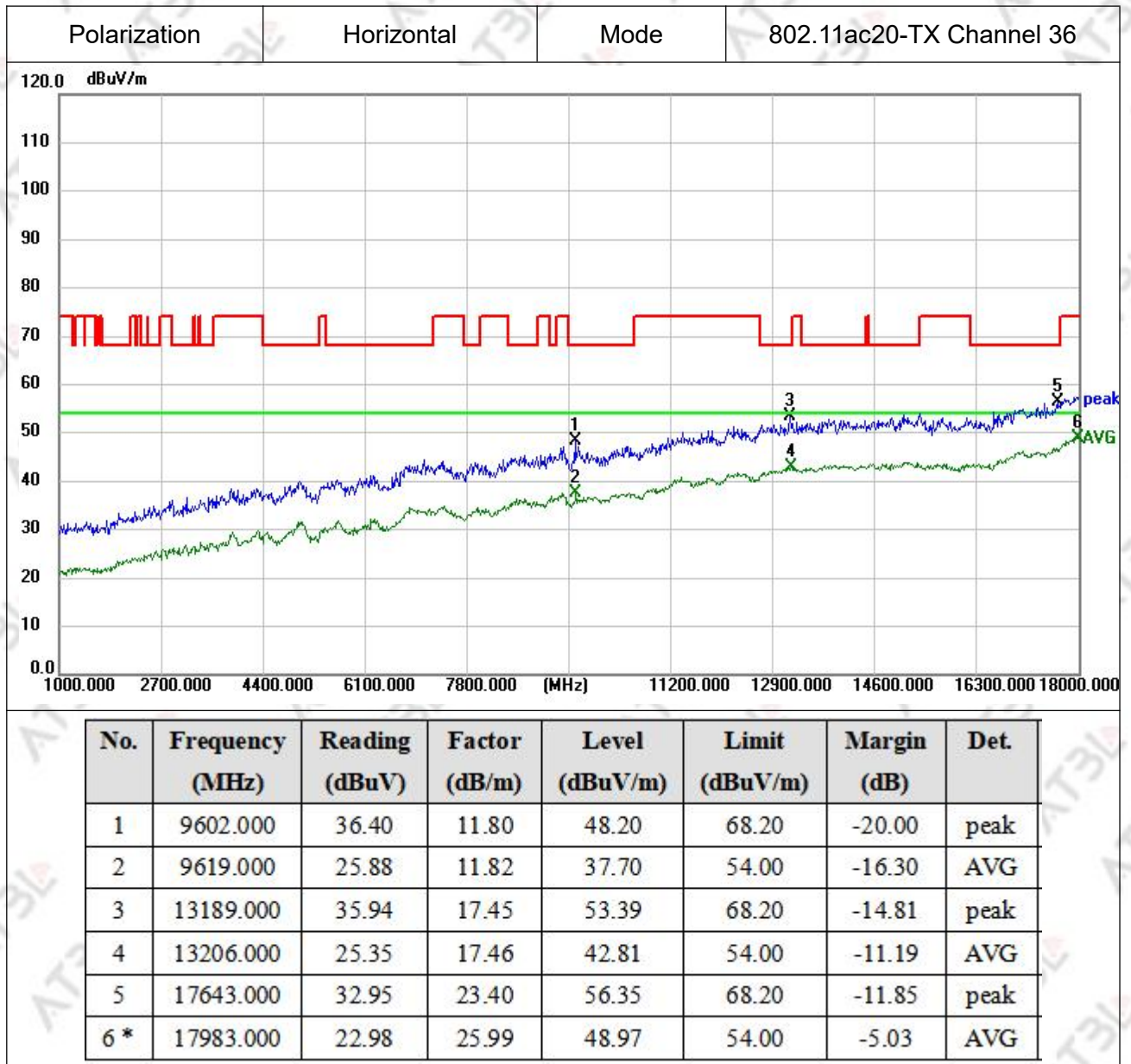


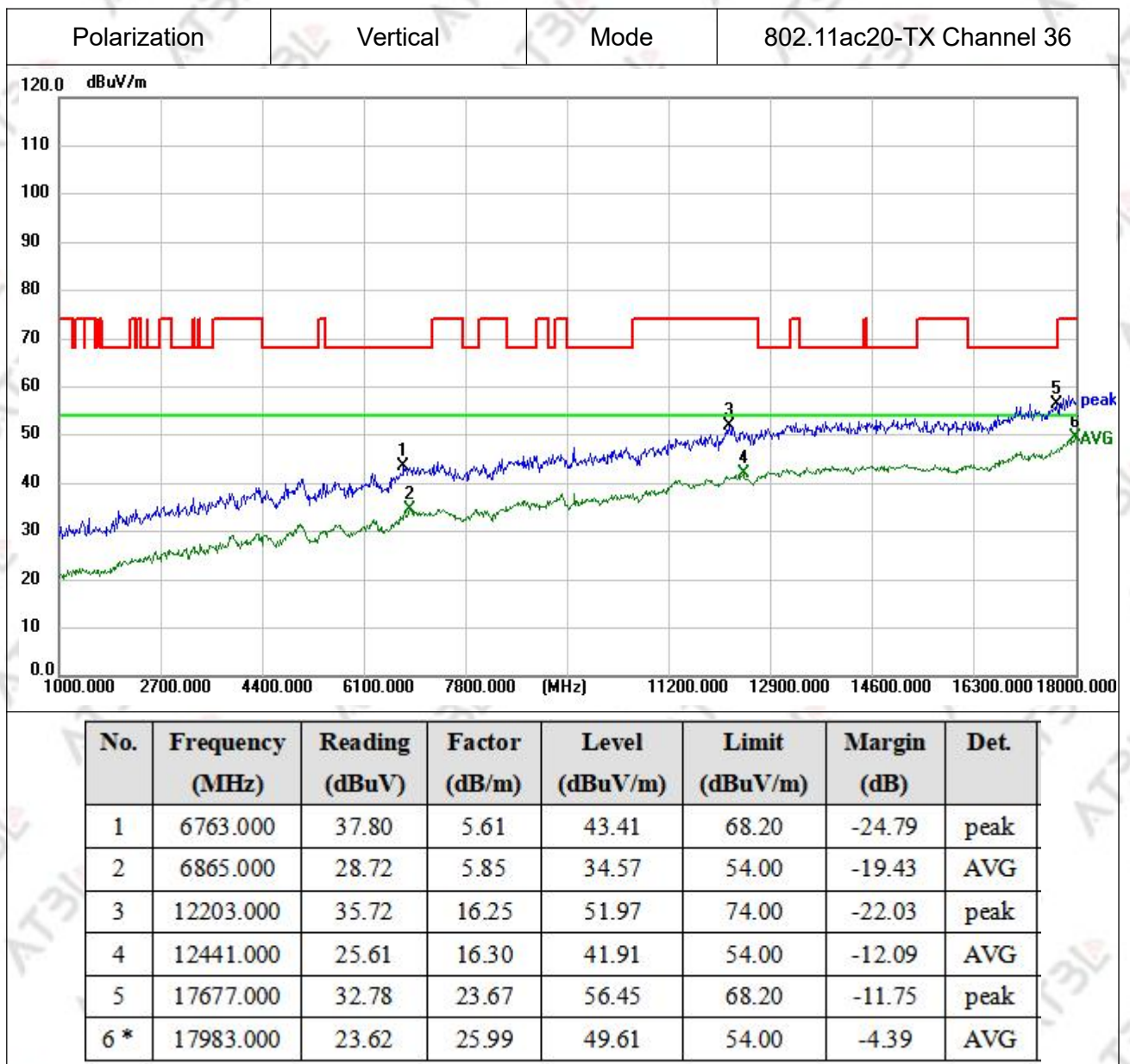
Above 1GHz:

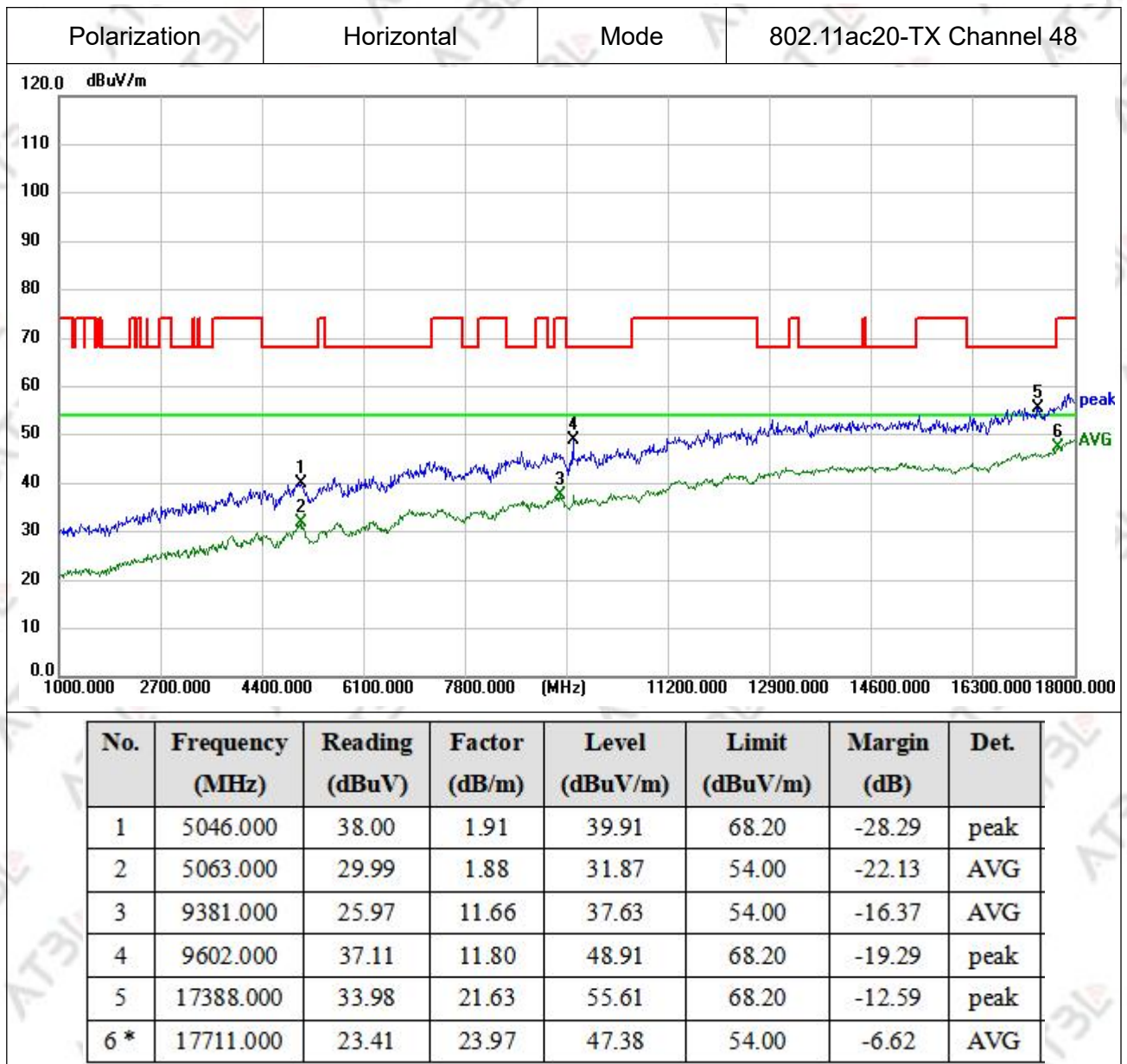
Note:

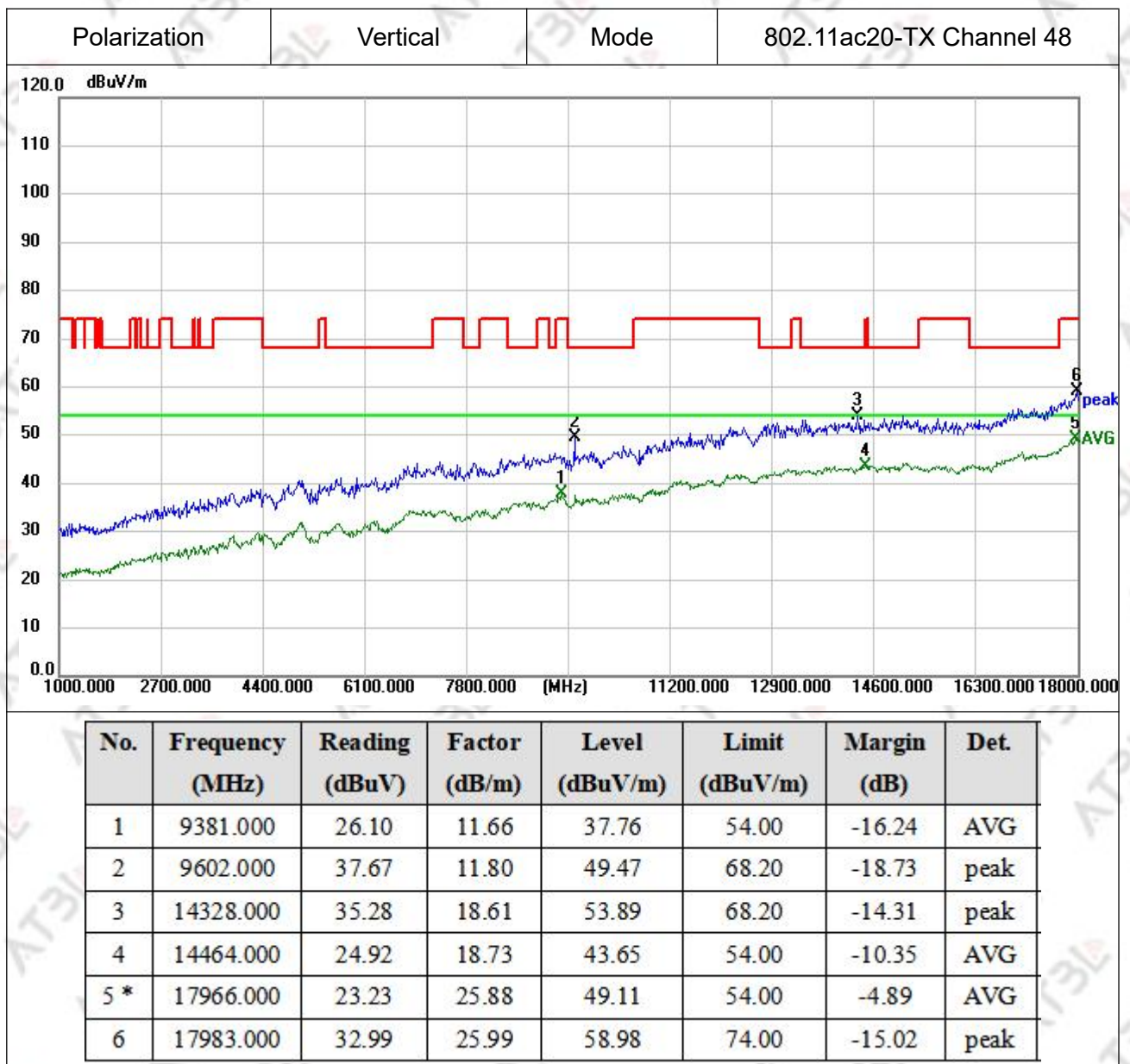
1. All the modes have been tested. The report only records the worst data, performance in the 802.11ac20 mode.
2. In frequency ranges 18 ~40GHz no any other harmonic emissions detected which are tested to compliance with the limit. No recording in the test report. No any other emissions level which are attenuated less than 20dB below the limit. No recording in the test report.
3. We used the filter to test and the main frequency was filtered out.
4. Emission Level (dBuV/m) = Reading Value (dBuV) + Correction Factor (dB/m).
5. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)-Amplifier Gain.
6. Margin value = Emission level-Limit value.

For U-NII-1:

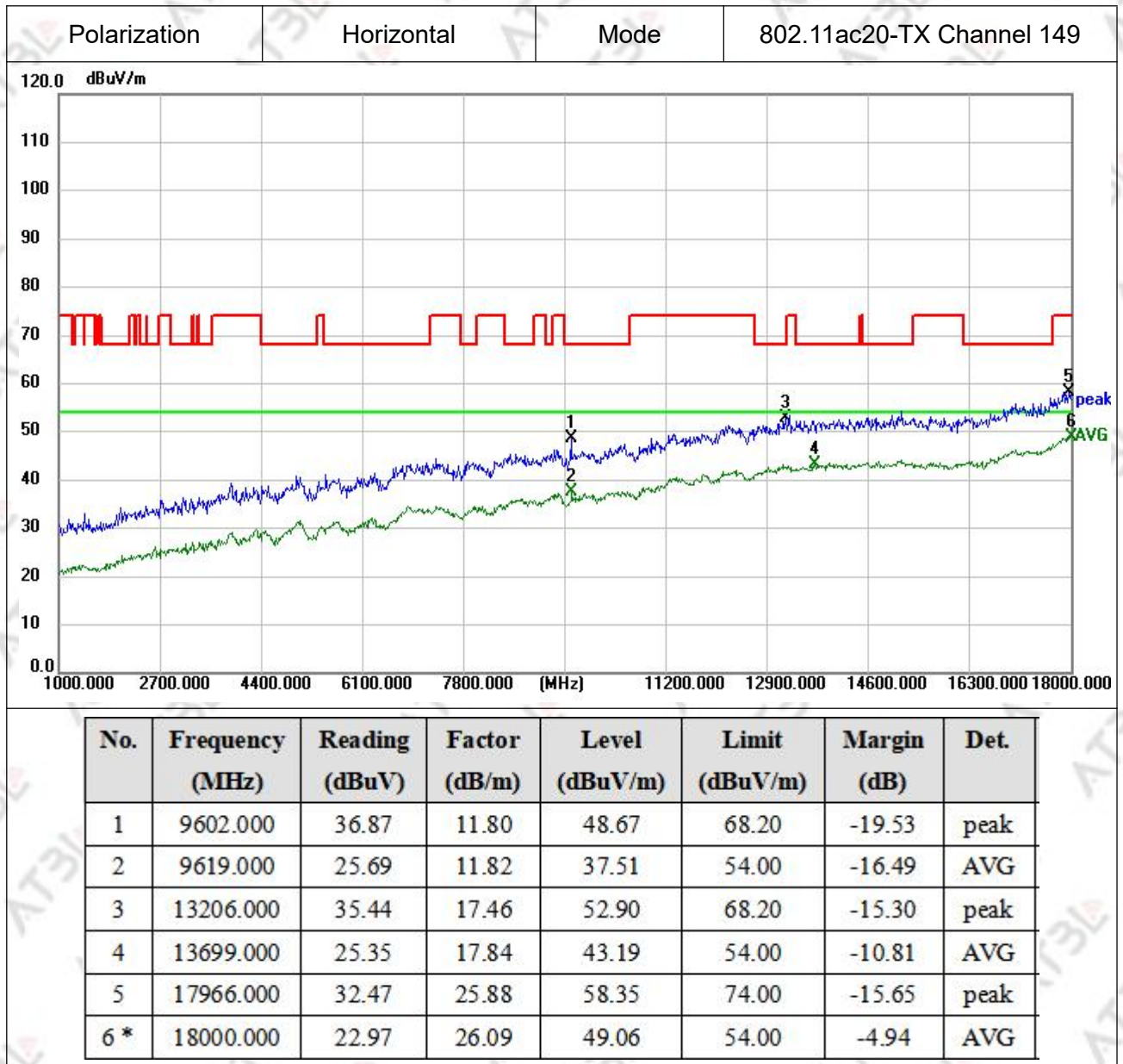


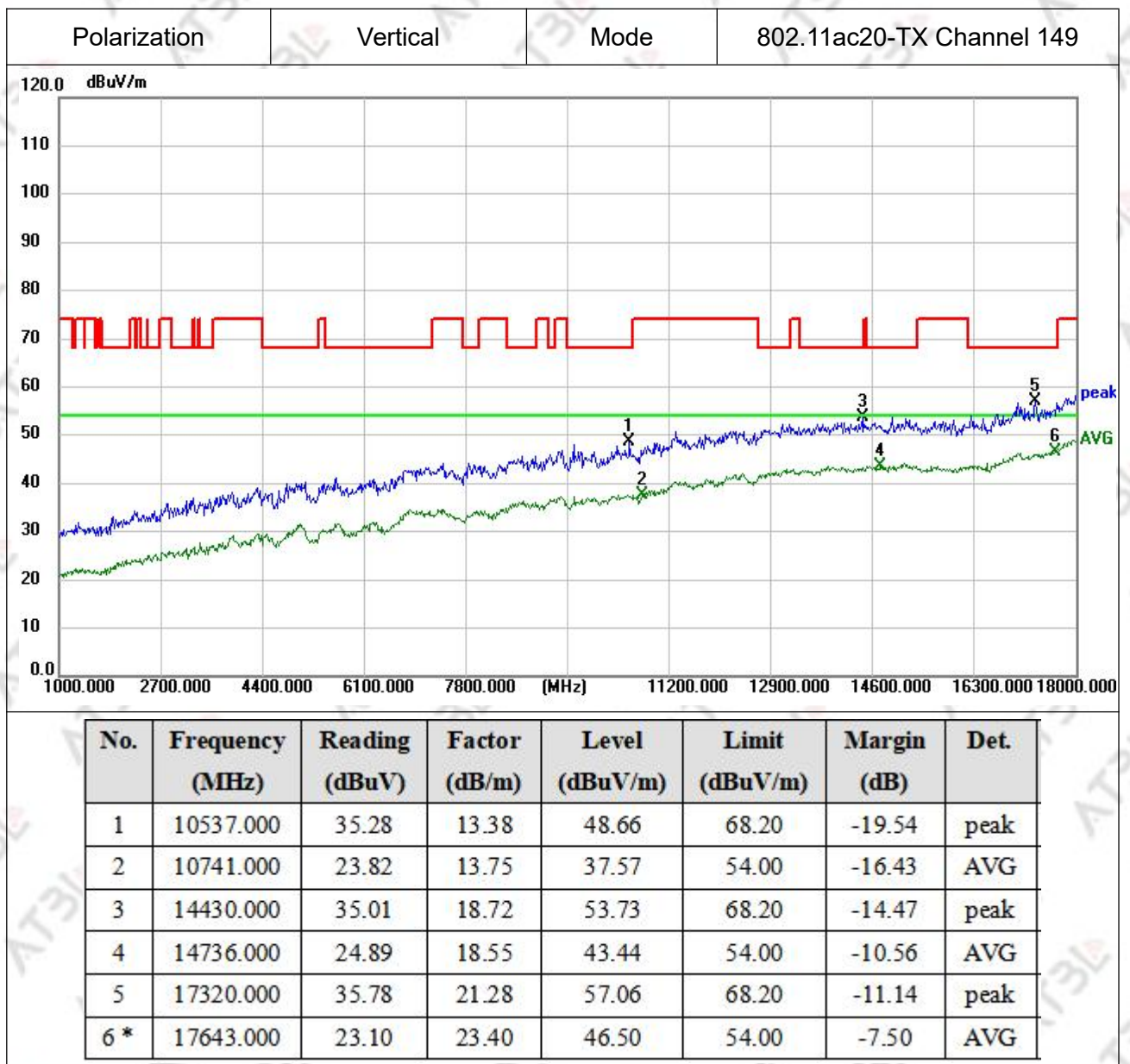


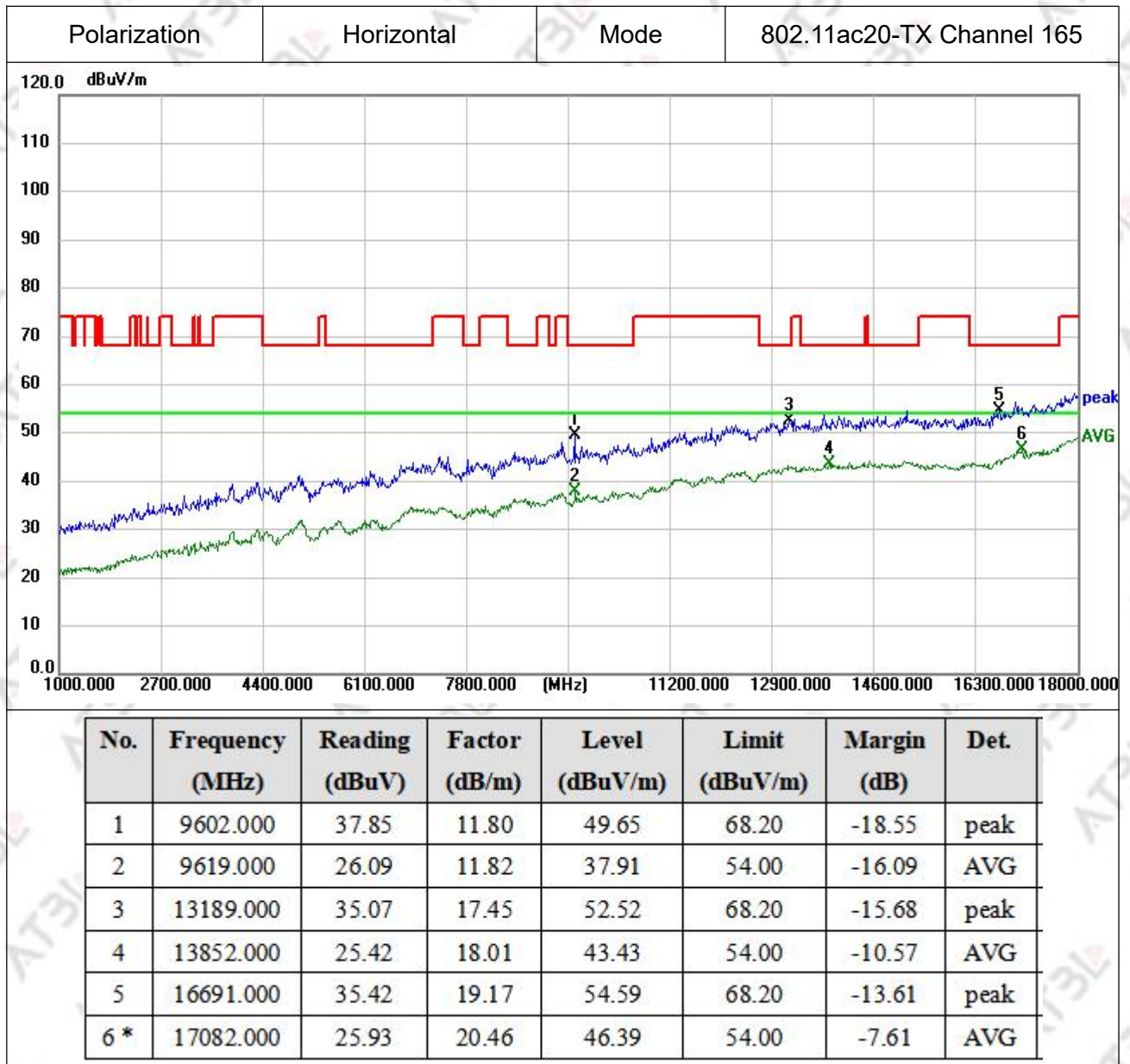


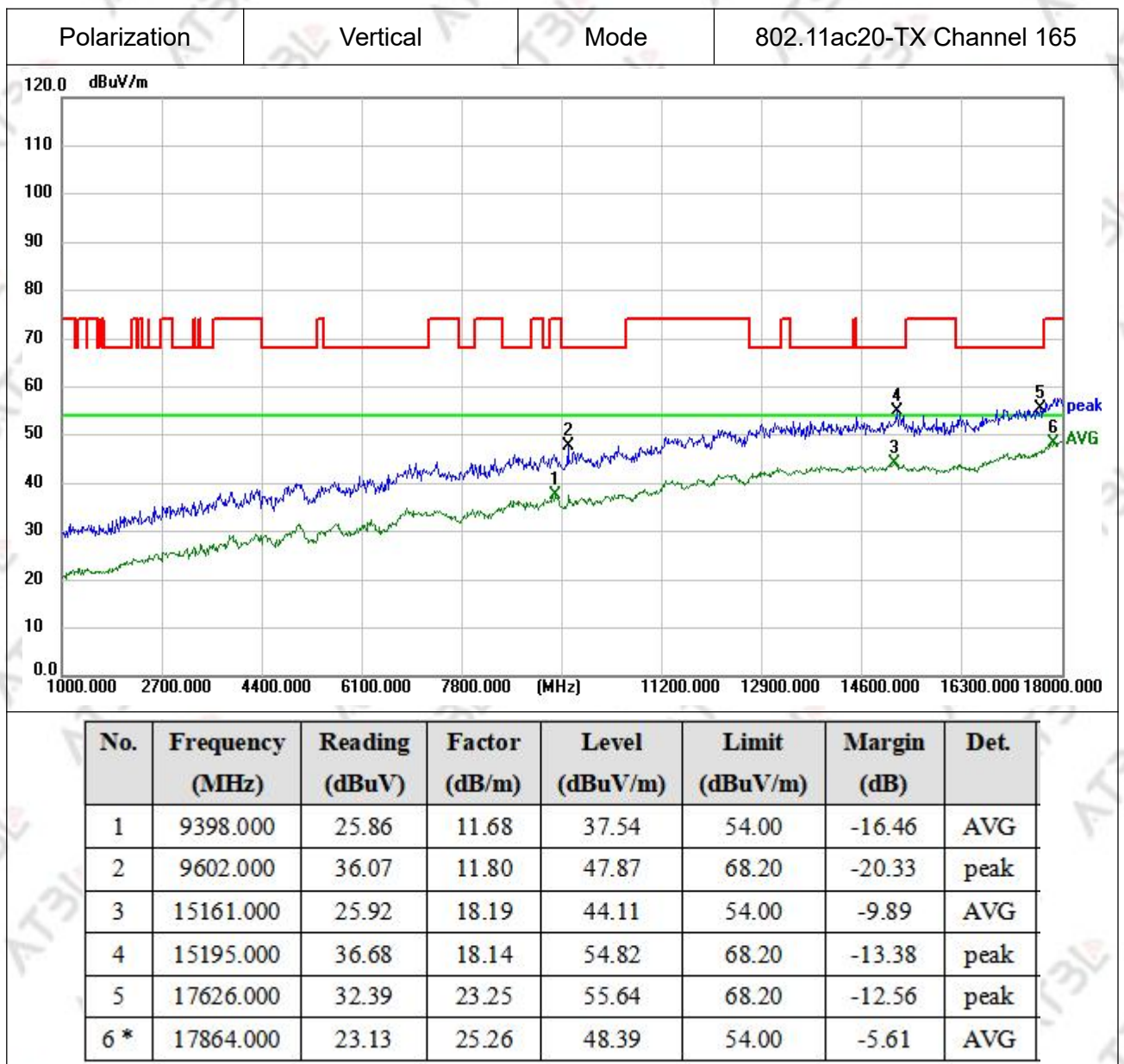


U-NII-3:



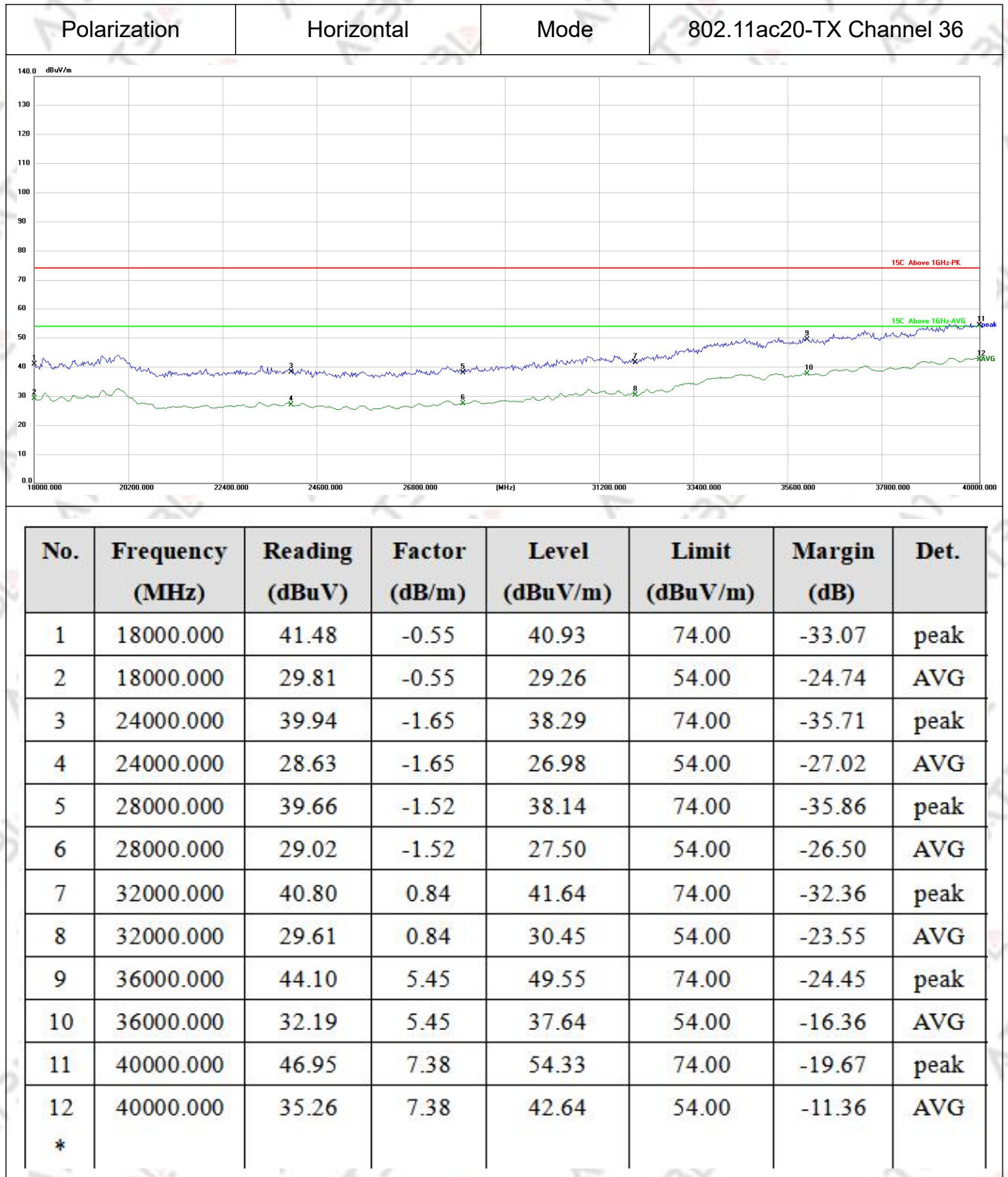


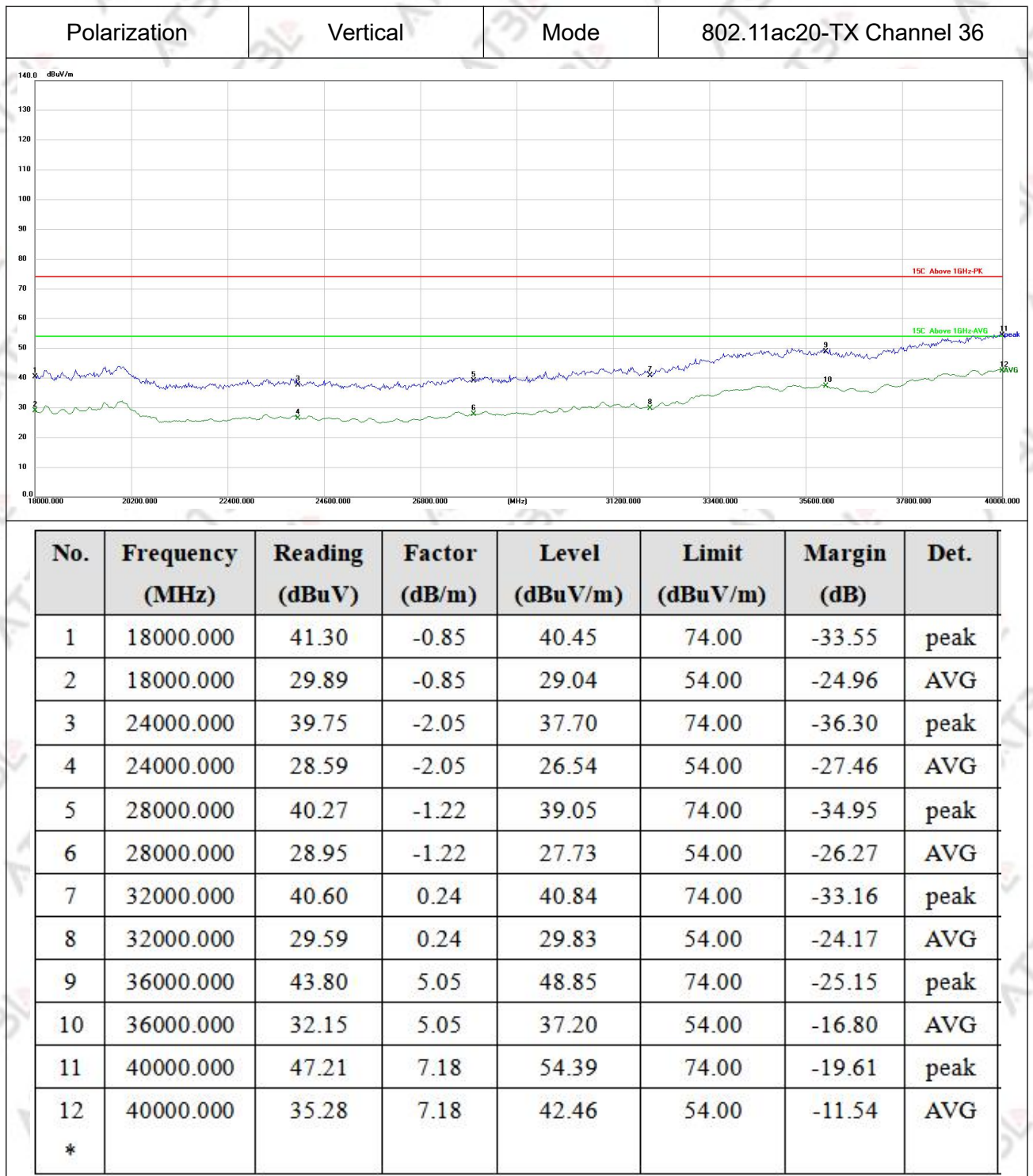




18GHz~40GHz

Note:All the modes have been tested. The report only records the worst data,performance in the 802.11ac20 mode.





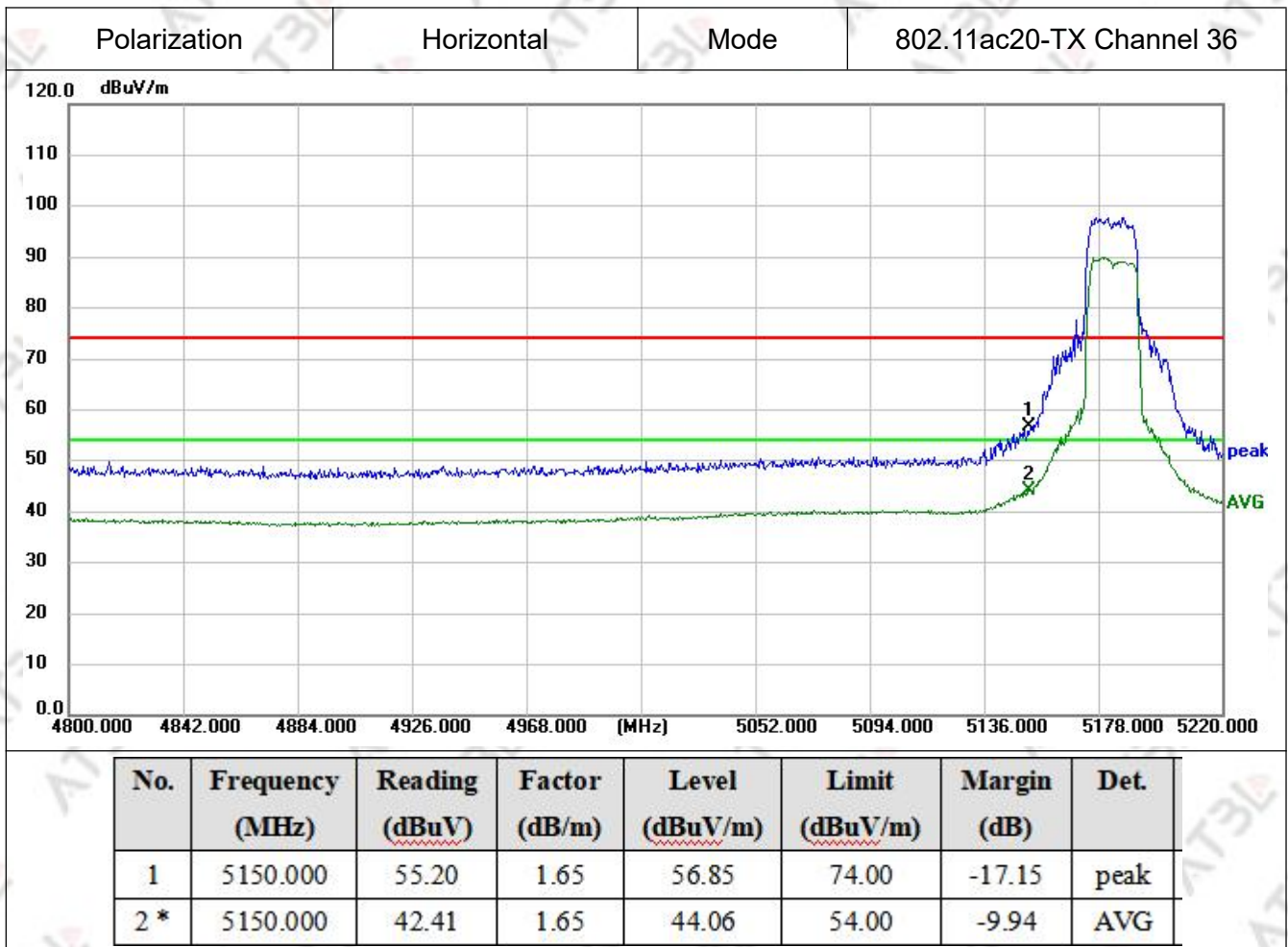
Test Result of Restricted Band

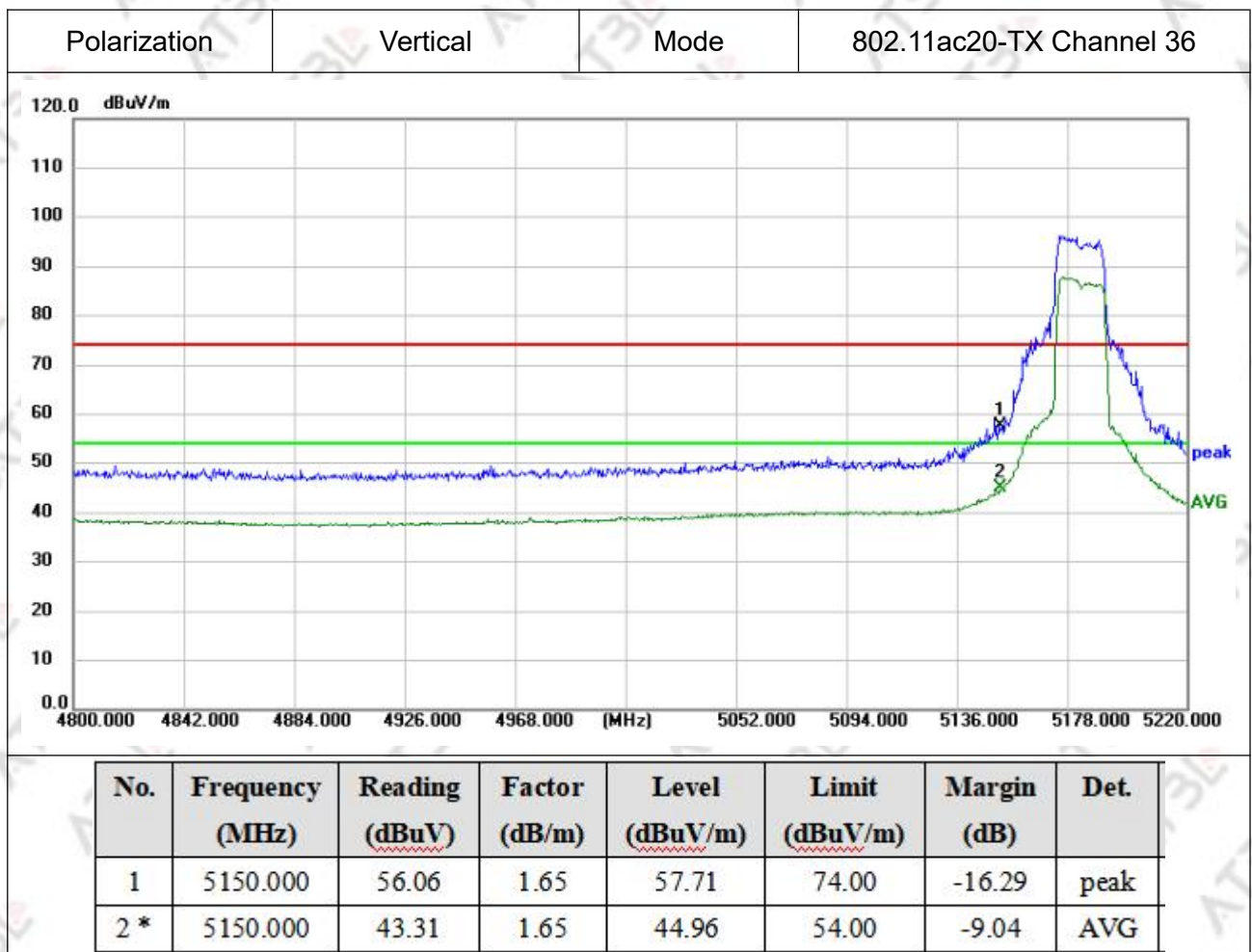
Note:

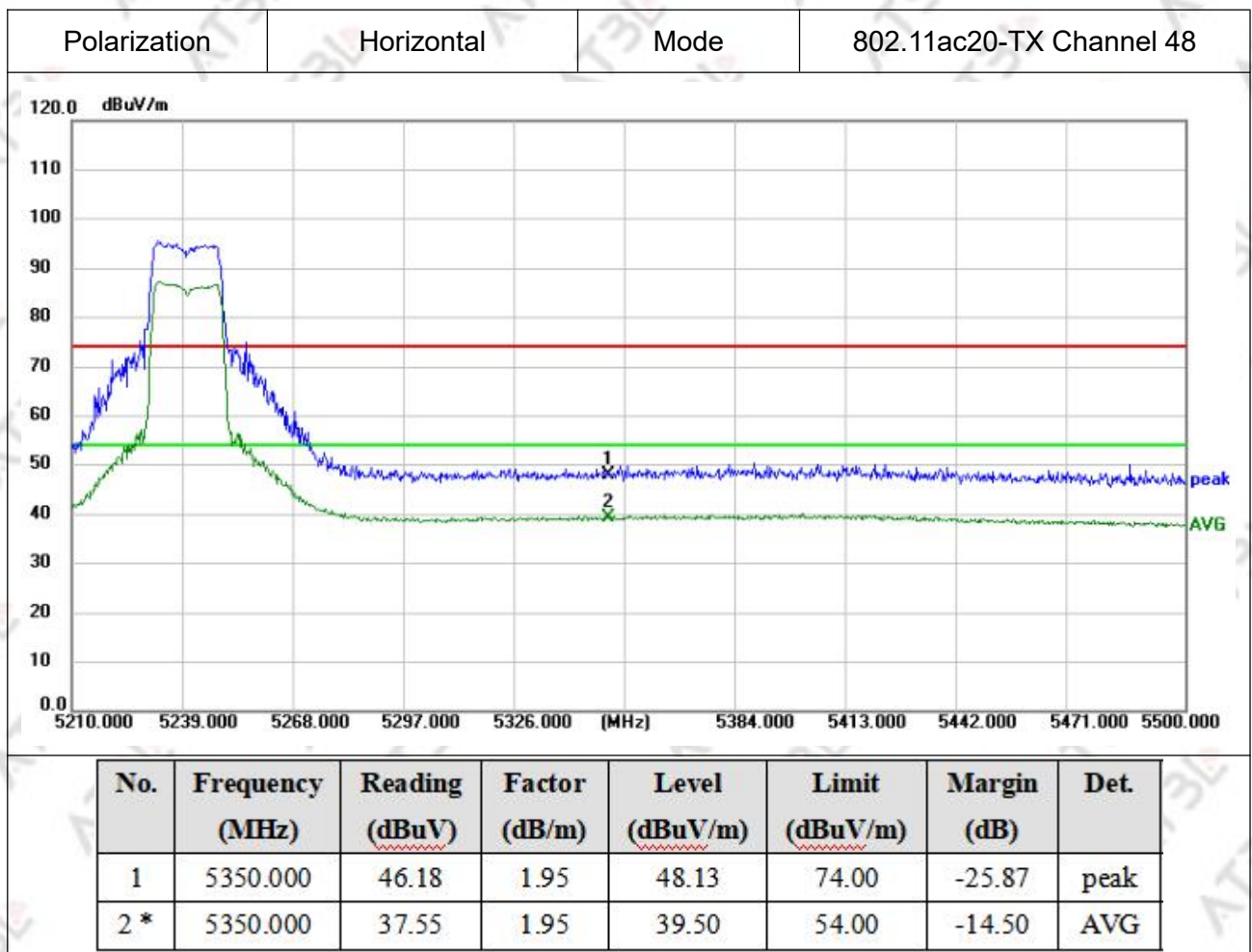
- 1.Only the worst 802.11ac20 data is represented in the report.
 - 2.For frequencies not falling within the 15.205 MHz limit band, the limit should be 68.2dBuV/m (-27dBm/MHz).
- The result meets the limit requirements.

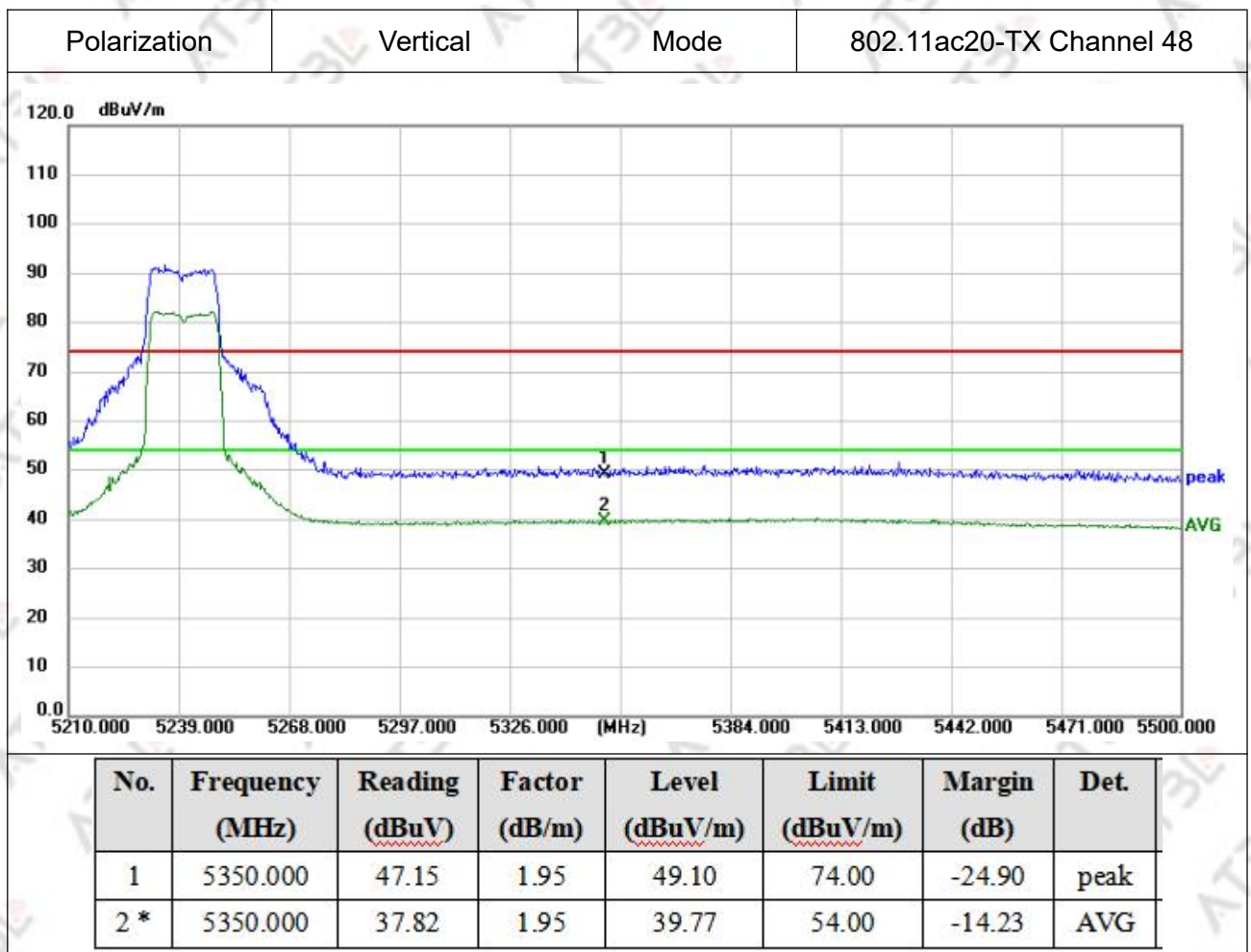
3.Margin=Level-Limit=Reading+factor-Limit

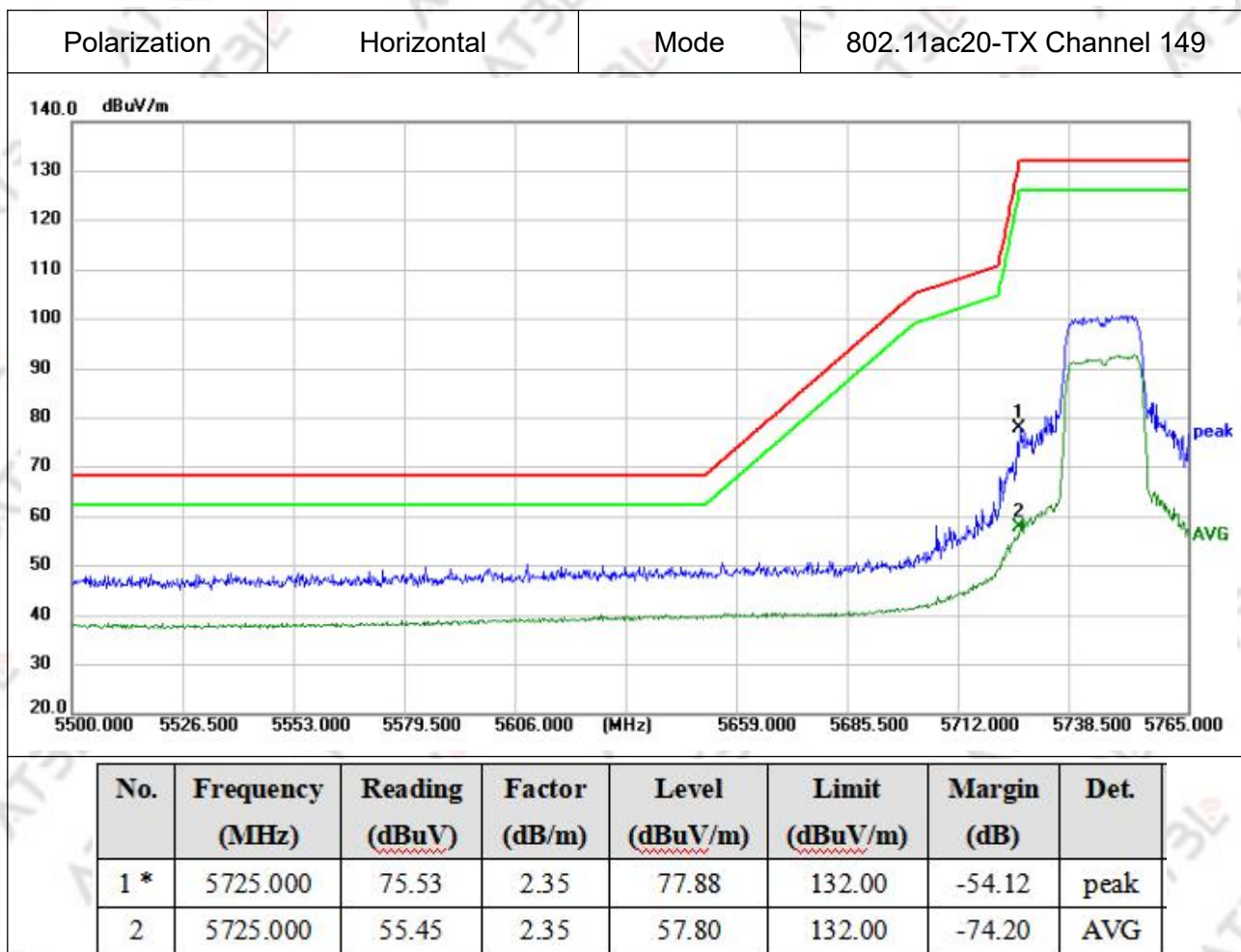
U-NII-1:

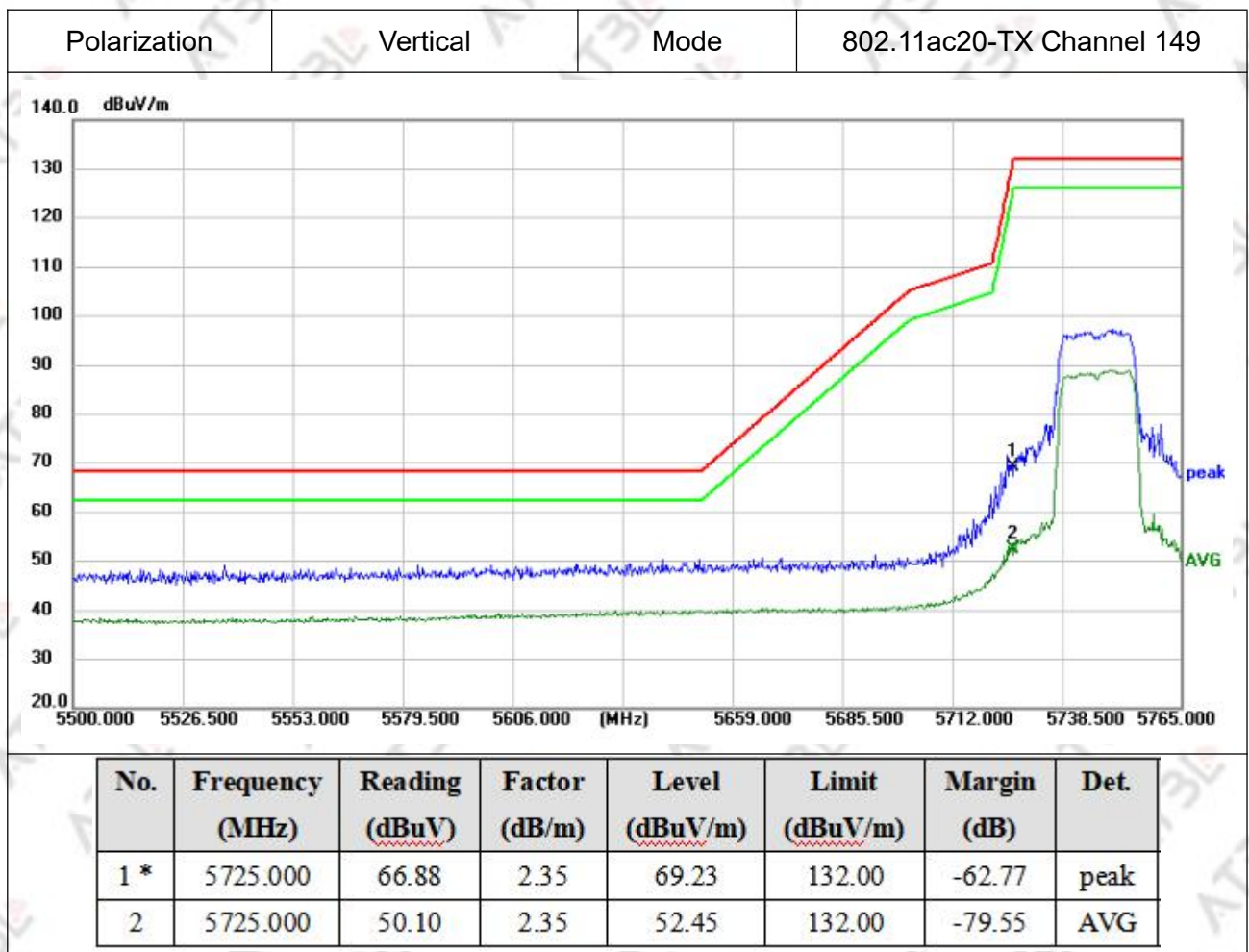


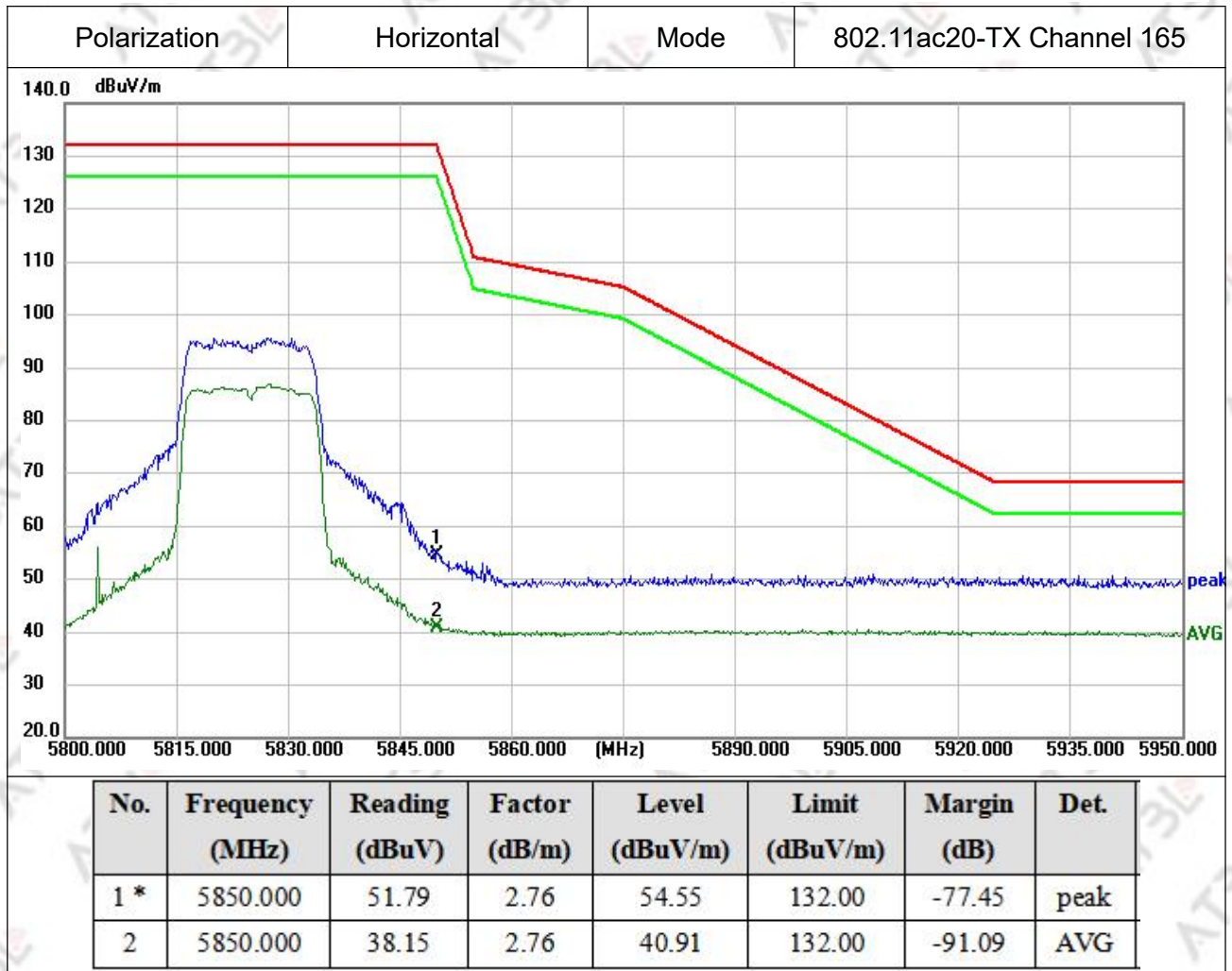


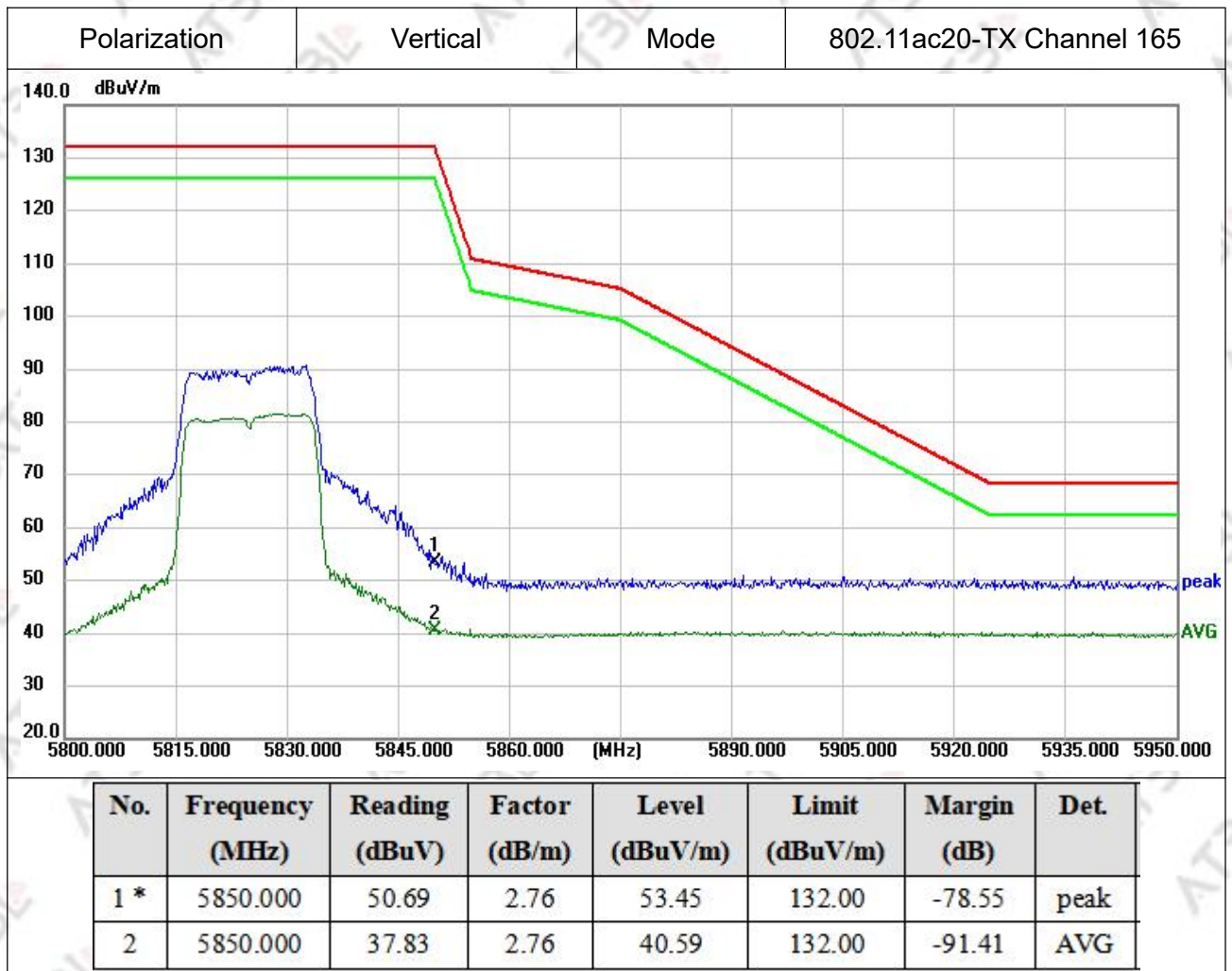








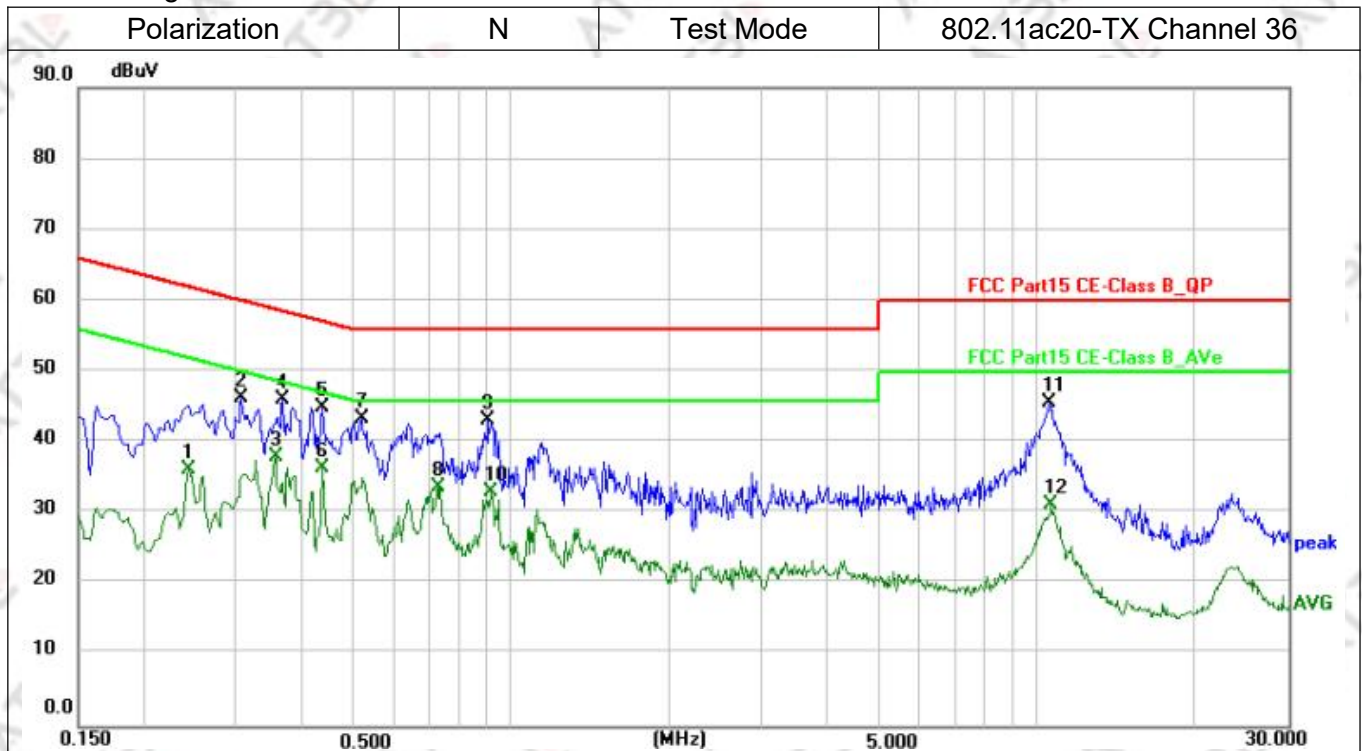




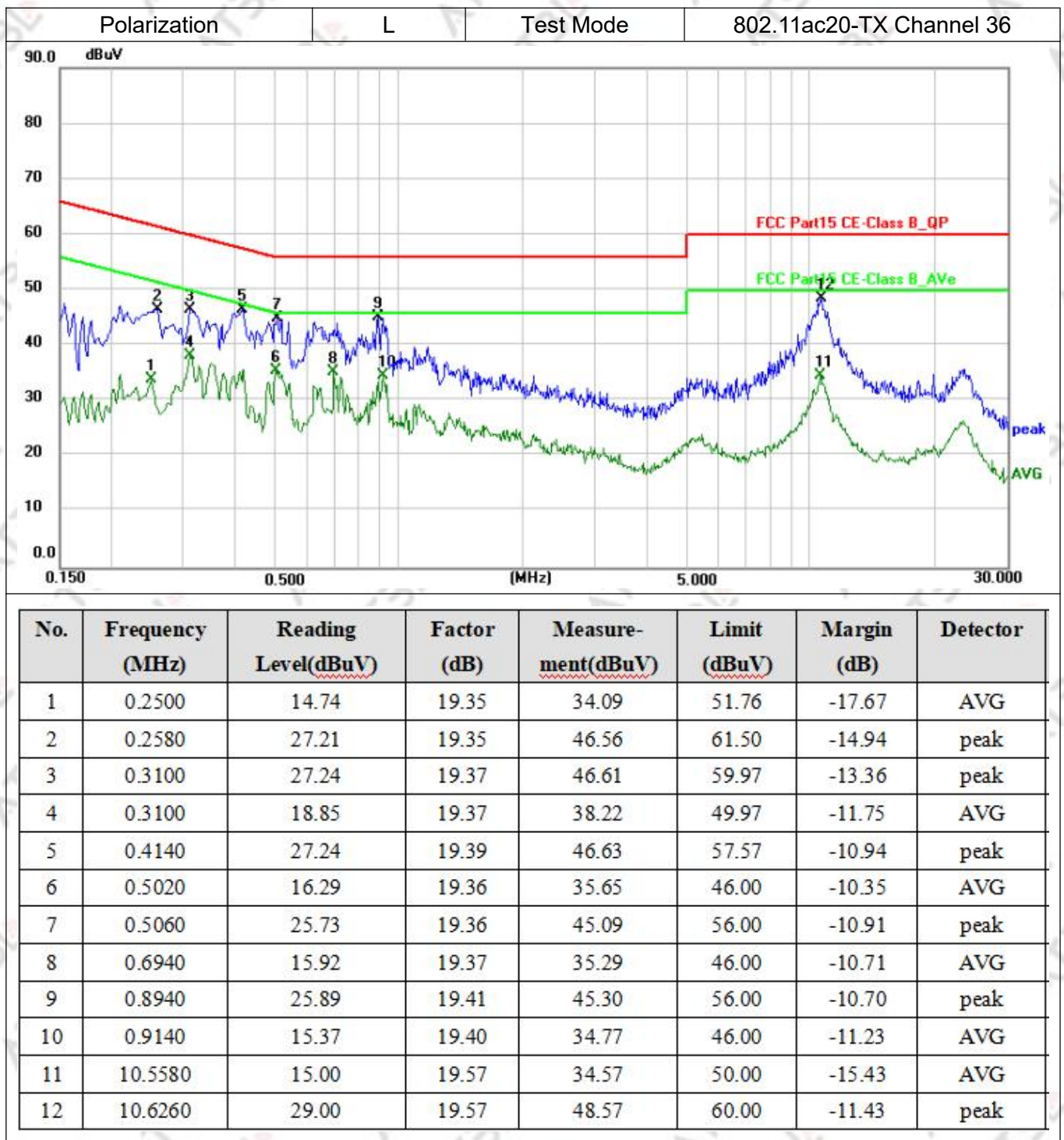
3.AC Power-Line Conducted Emission

Note:

- 1.All modes have been tested, only worst mode(802.11ac20-TX Channel 36) was recorded in the test report.
- 2.Emission Level = Reading Value + Correction Factor .
3. Correction Factor = Insertion loss + Cable loss.
4. The emission levels of other frequencies were less than 20dB margin against the limit.
5. Margin value = Emission level-Limit value.



No.	Frequency (MHz)	Reading Level(dBuV)	Factor (dB)	Measure-ment(dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.2420	16.91	19.32	36.23	52.03	-15.80	AVG
2	0.3060	27.11	19.33	46.44	60.08	-13.64	peak
3	0.3540	18.66	19.35	38.01	48.87	-10.86	AVG
4	0.3660	26.82	19.35	46.17	58.59	-12.42	peak
5	0.4380	25.69	19.37	45.06	57.10	-12.04	peak
6	0.4380	17.00	19.37	36.37	47.10	-10.73	AVG
7	0.5180	23.97	19.36	43.33	56.00	-12.67	peak
8	0.7260	14.28	19.39	33.67	46.00	-12.33	AVG
9	0.9060	23.71	19.40	43.11	56.00	-12.89	peak
10	0.9180	13.72	19.40	33.12	46.00	-12.88	AVG
11	10.5340	26.05	19.63	45.68	60.00	-14.32	peak
12	10.6260	11.72	19.63	31.35	50.00	-18.65	AVG



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