

Appendix E of data

1.Radiated Spurious Emission and Restricted Band

For 9 kHz ~ 30 MHz

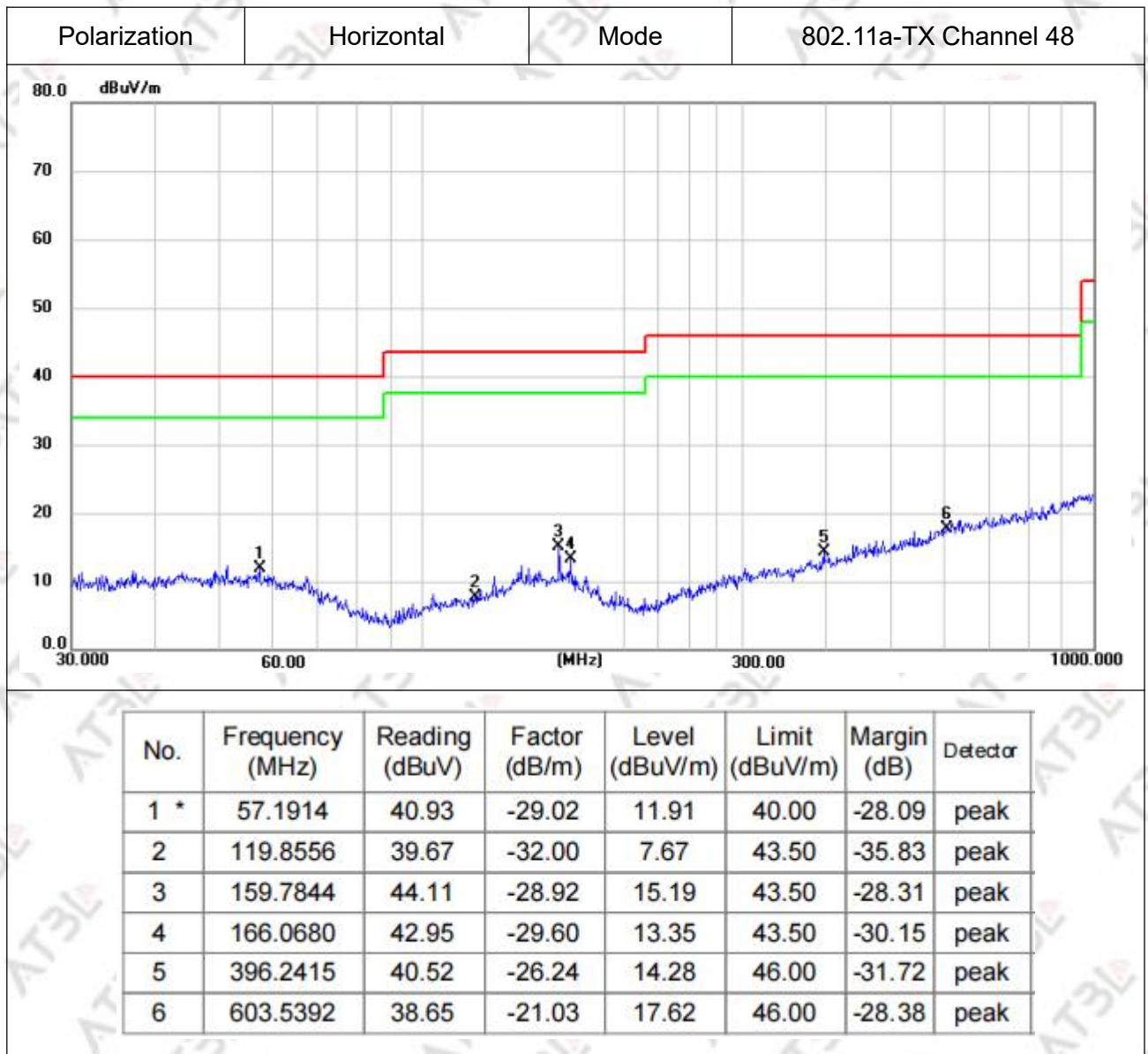
Note:

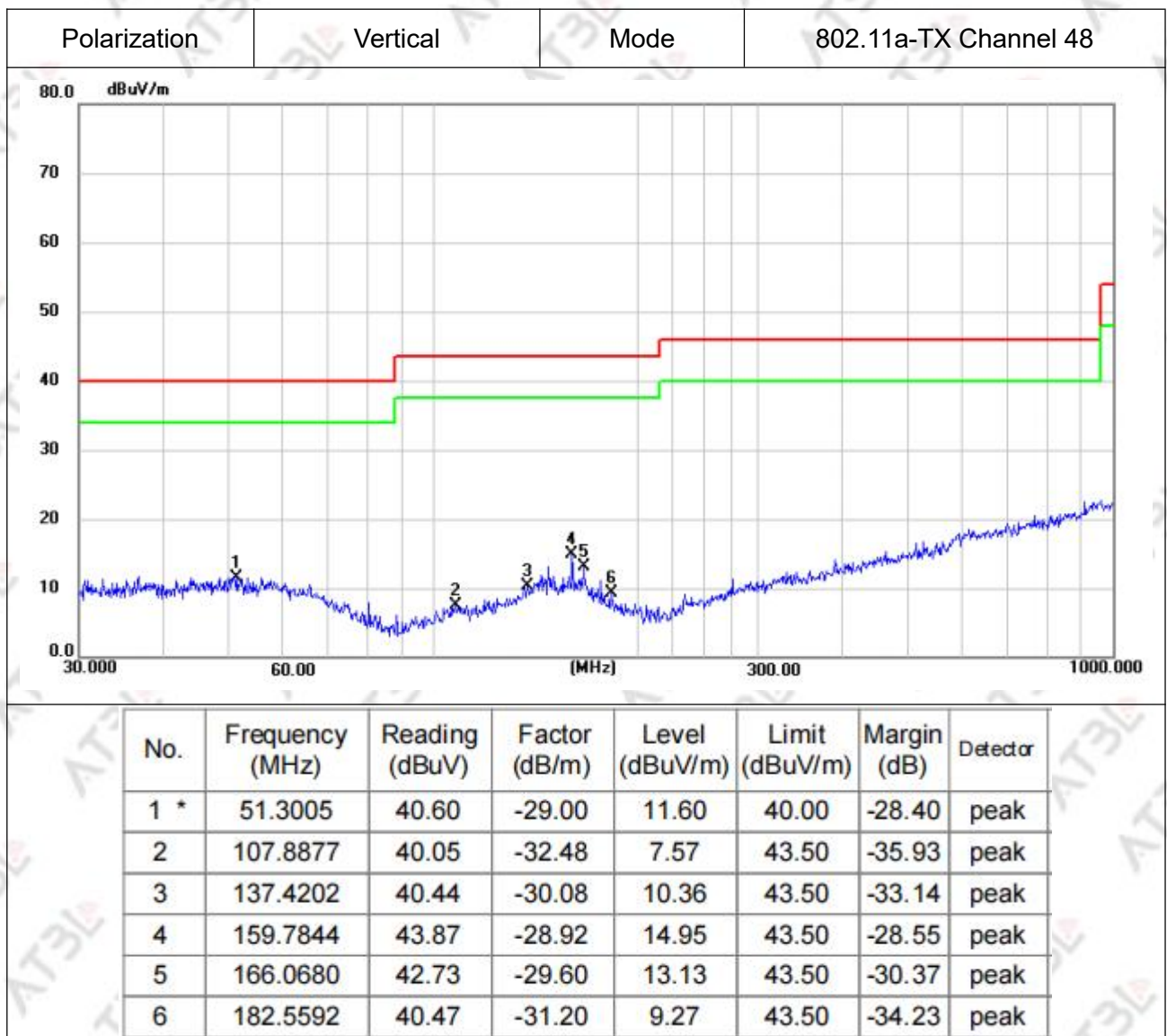
- 1.The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was not reported.
- 2.The all data rate modes had been test, but only worse test data was recorded in the test report.

Below 1GHz:

Note:

- 1.All modes have been tested, only worst (802.11a-TX Channel 48)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.



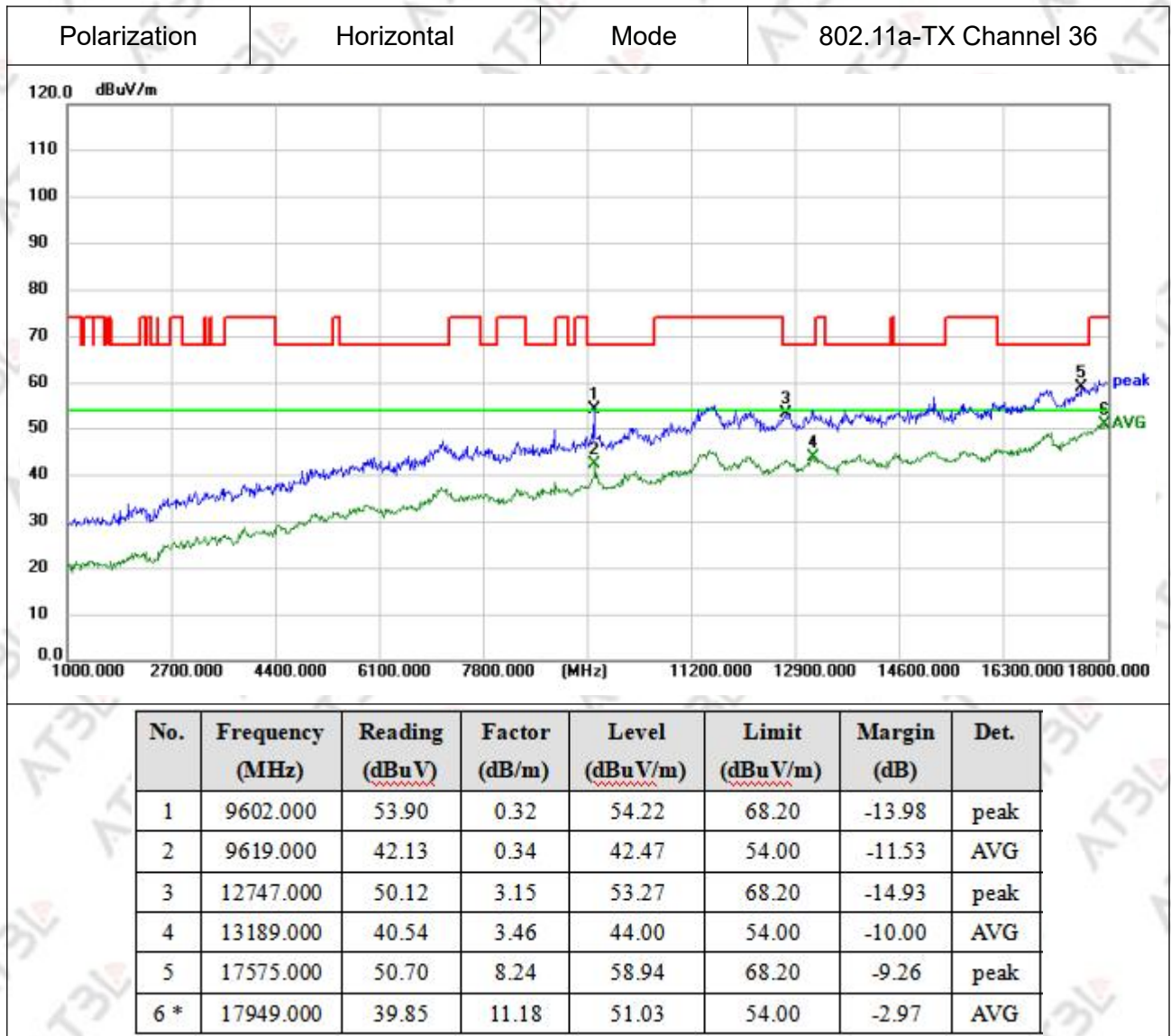


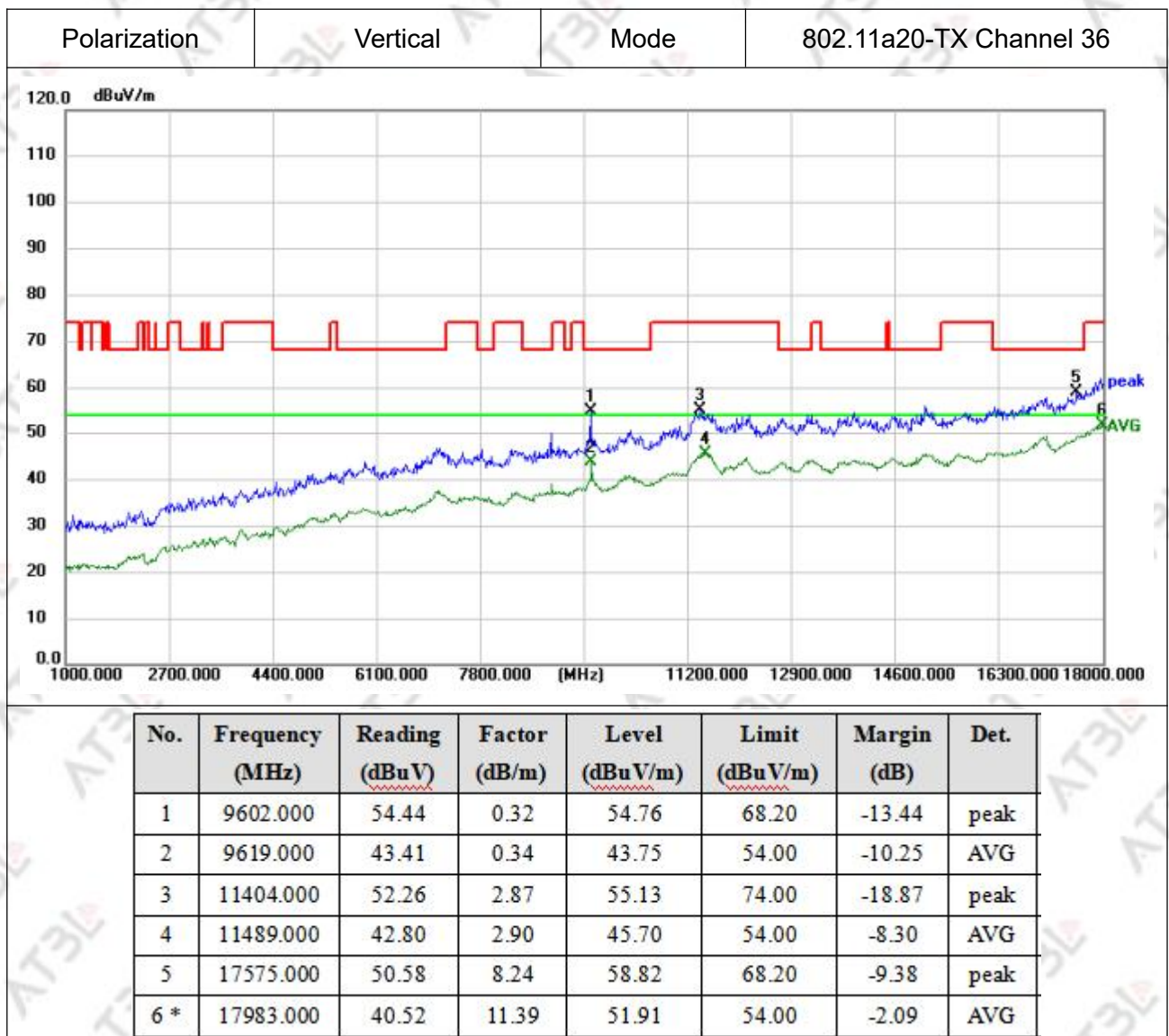
Above 1GHz:

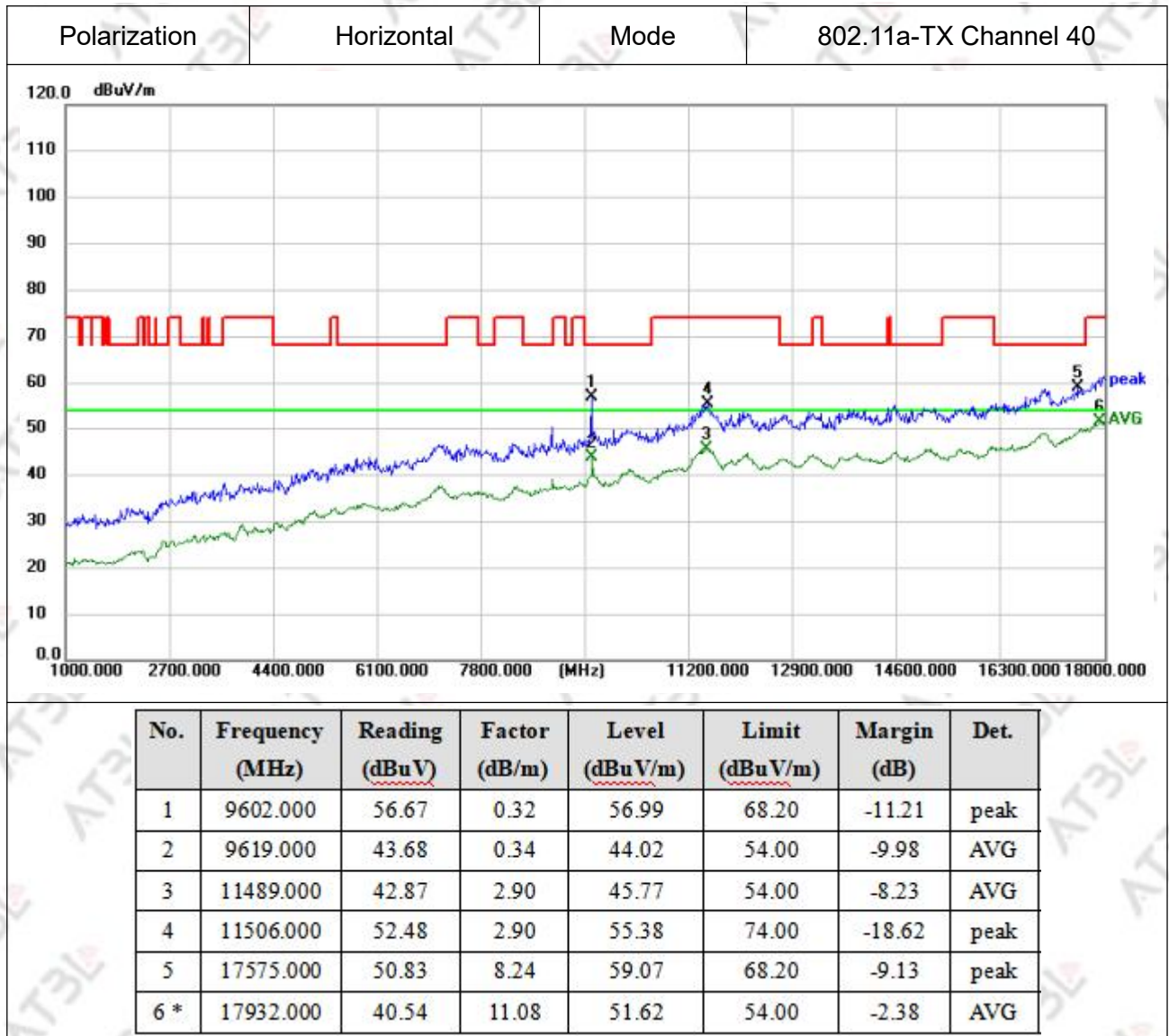
Note:

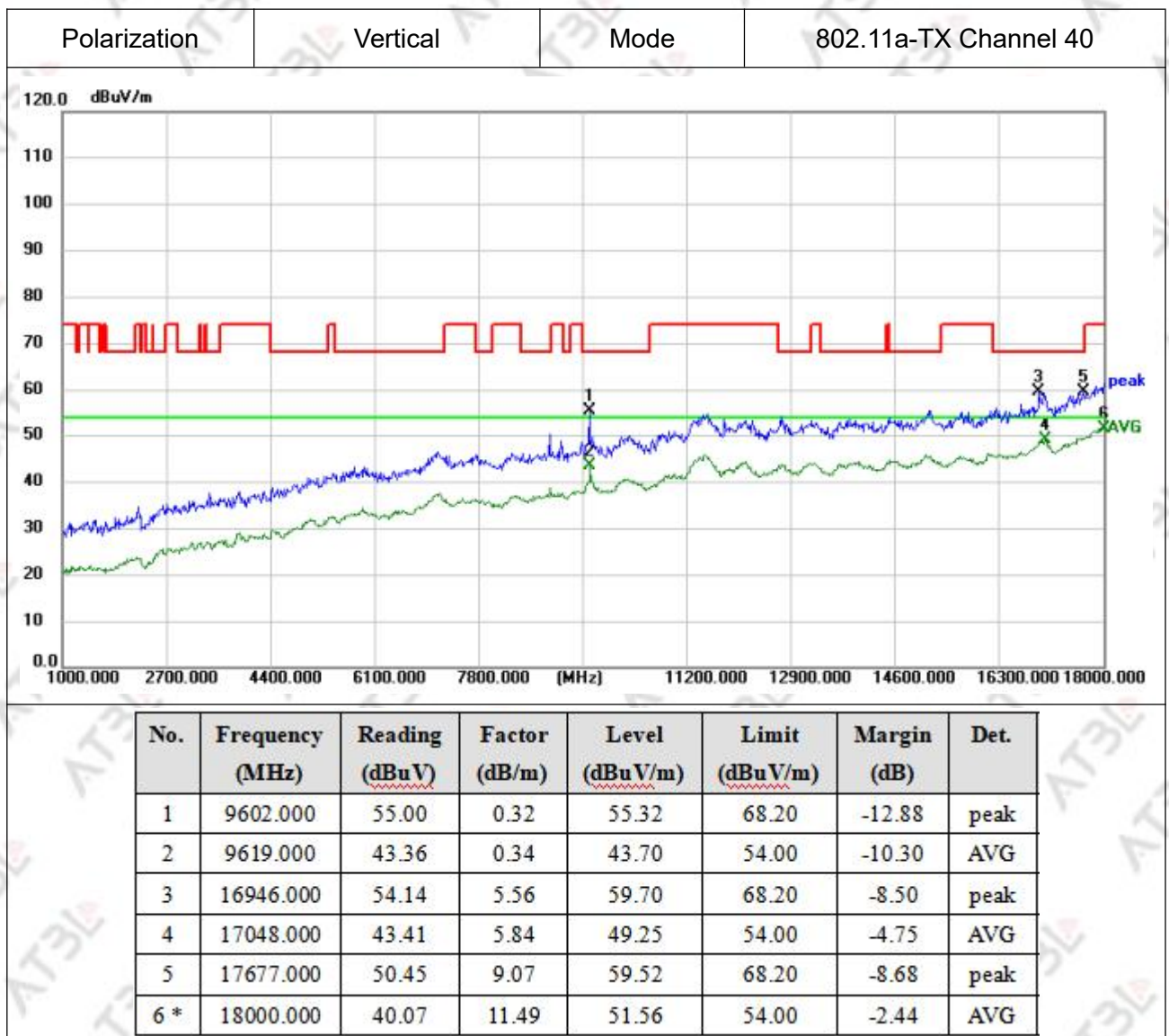
1. All the modes have been tested. The report only records the worst data, performance in the 802.11a mode.
2. In frequency ranges 18 ~40GHz no any other harmonic emissions detected which are tested to compliance with the limit. No recording in the test report. No any other emissions level which are 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.

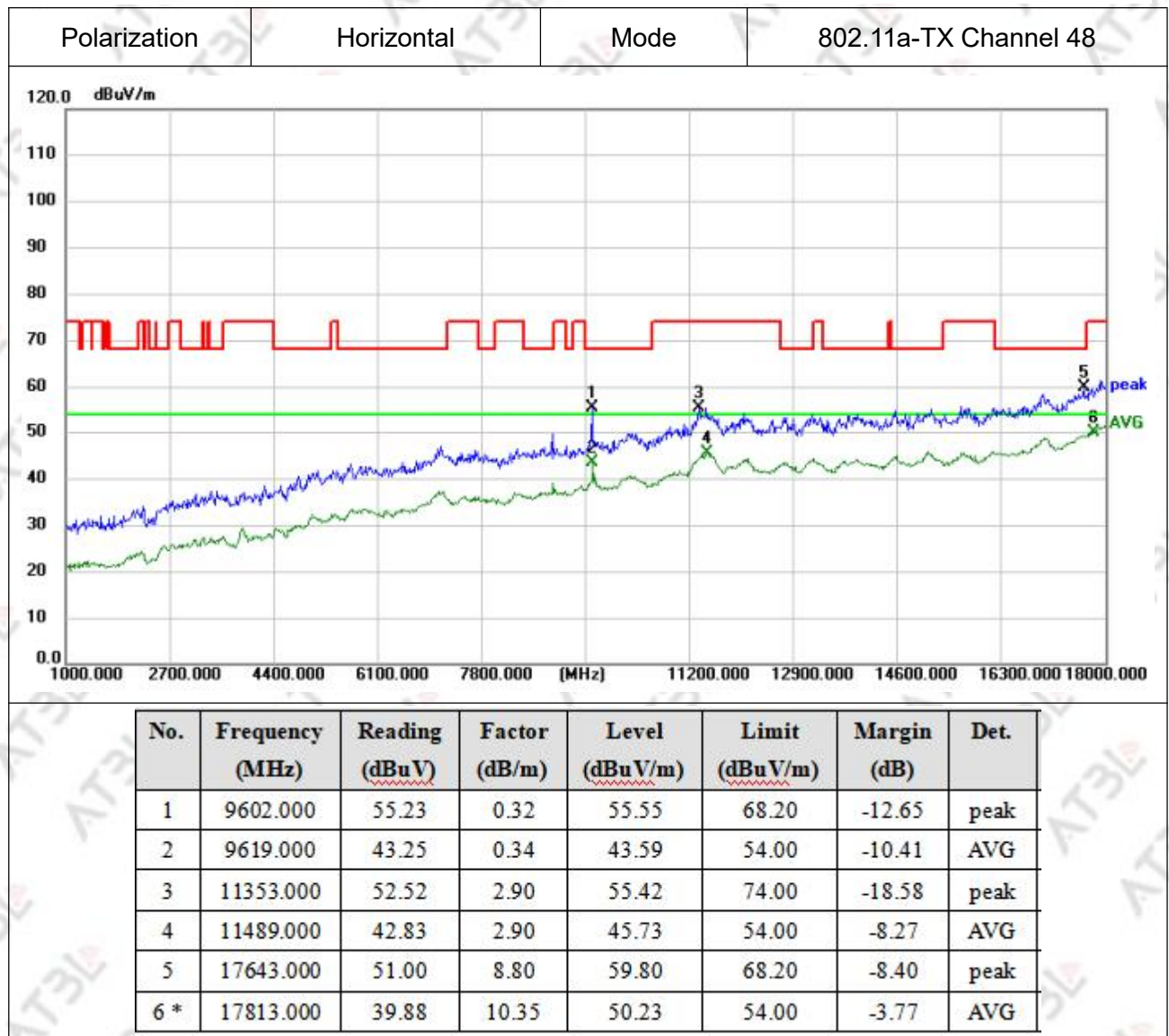
U-NII-1:

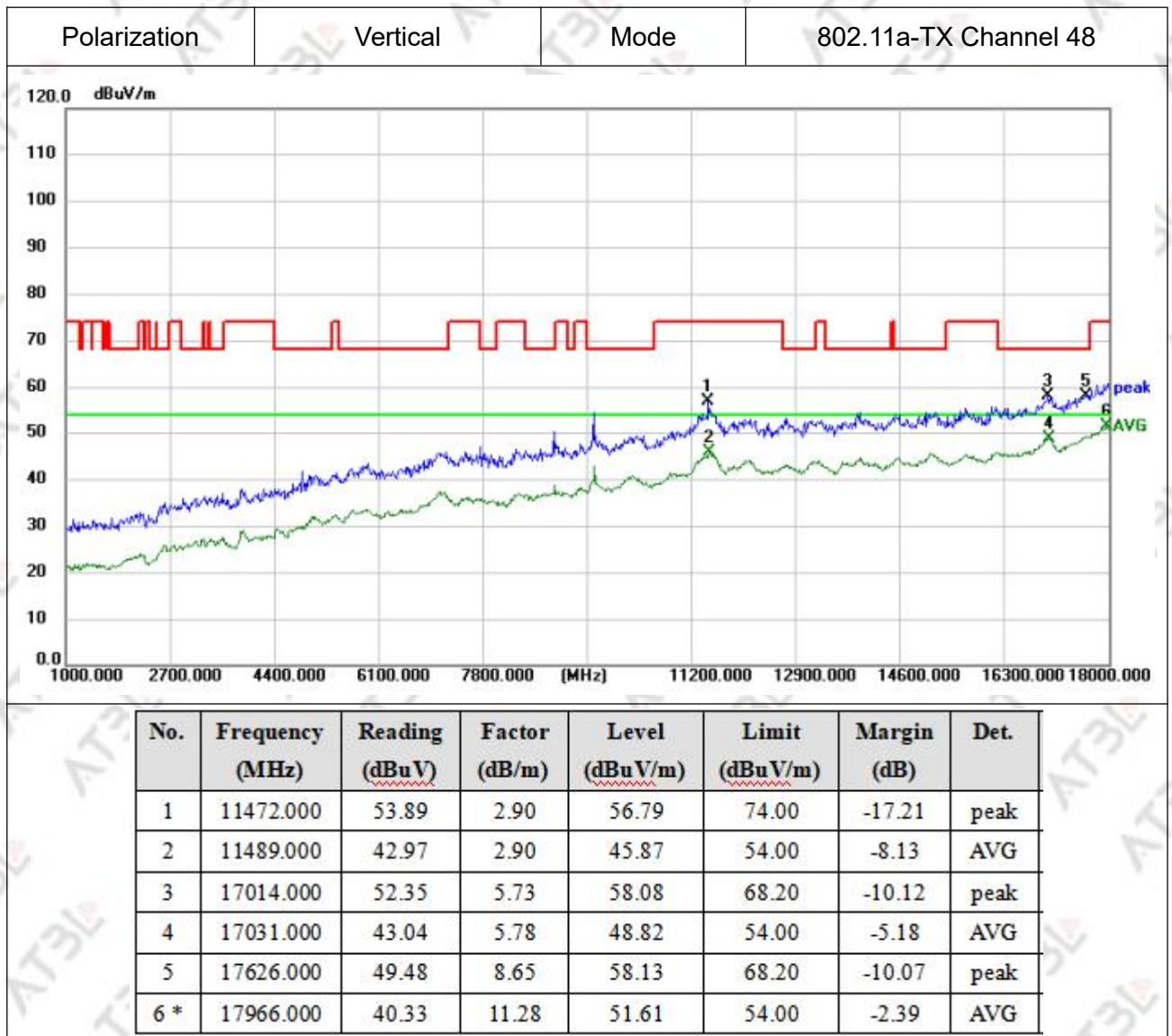


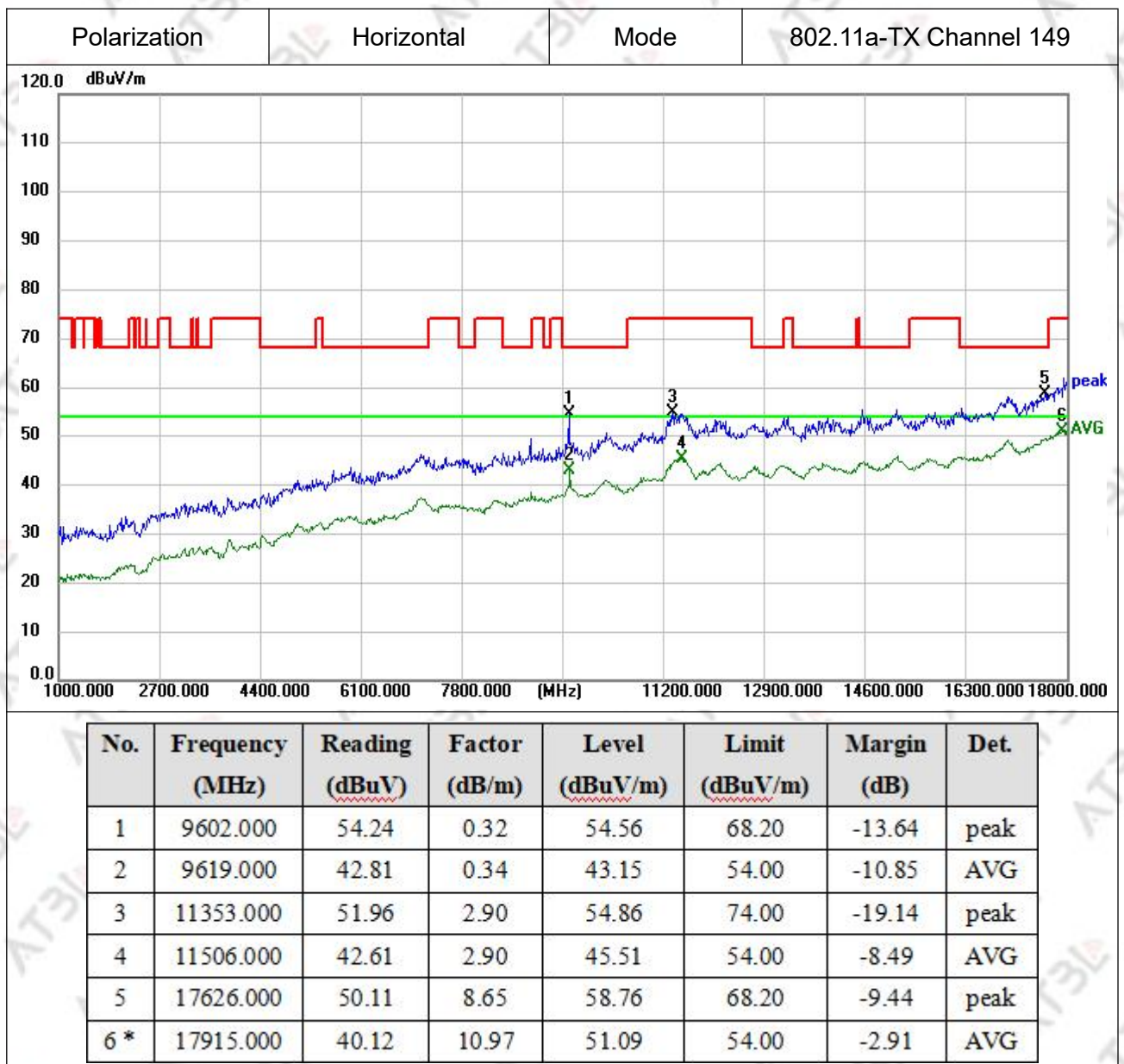


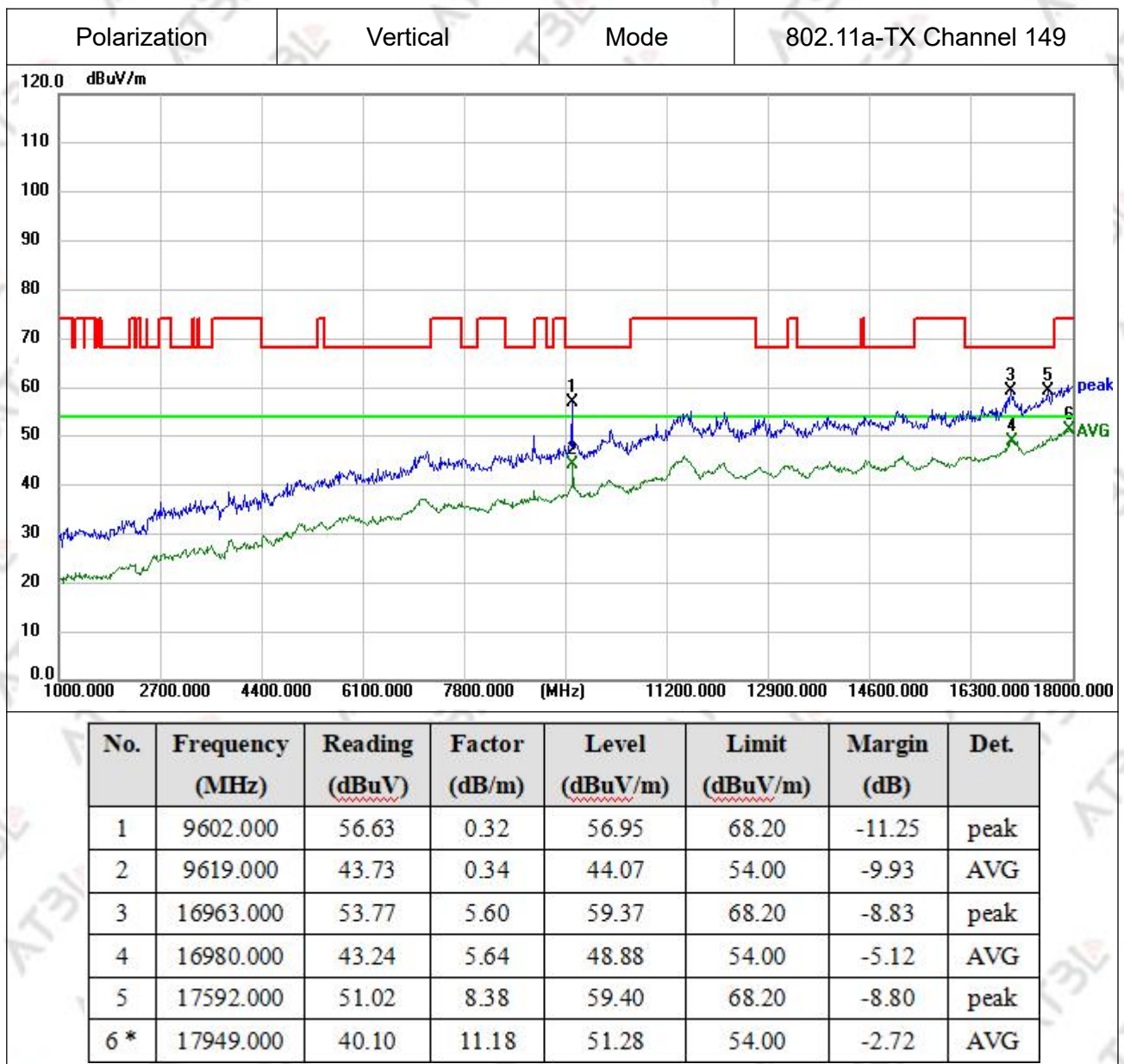


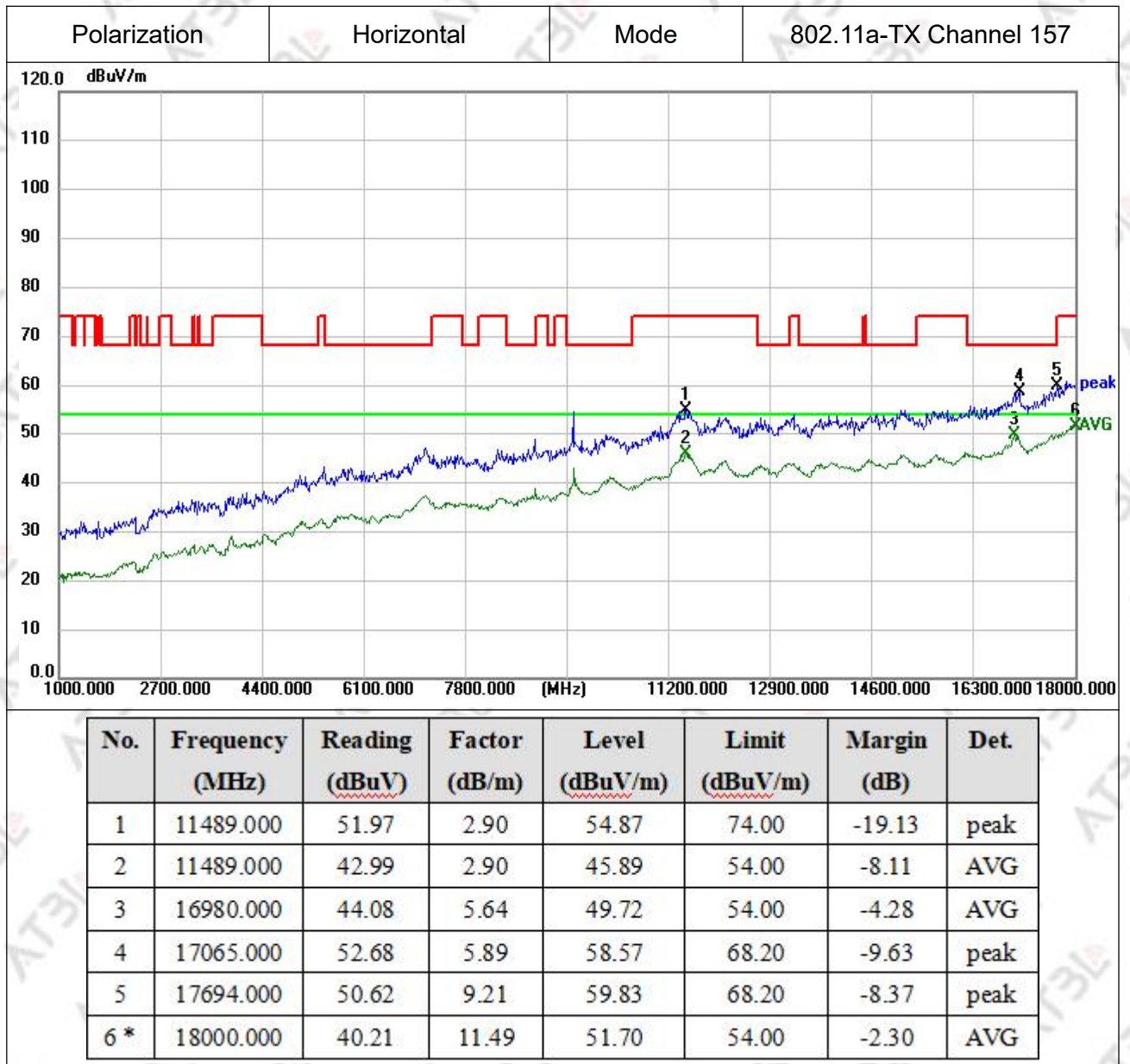


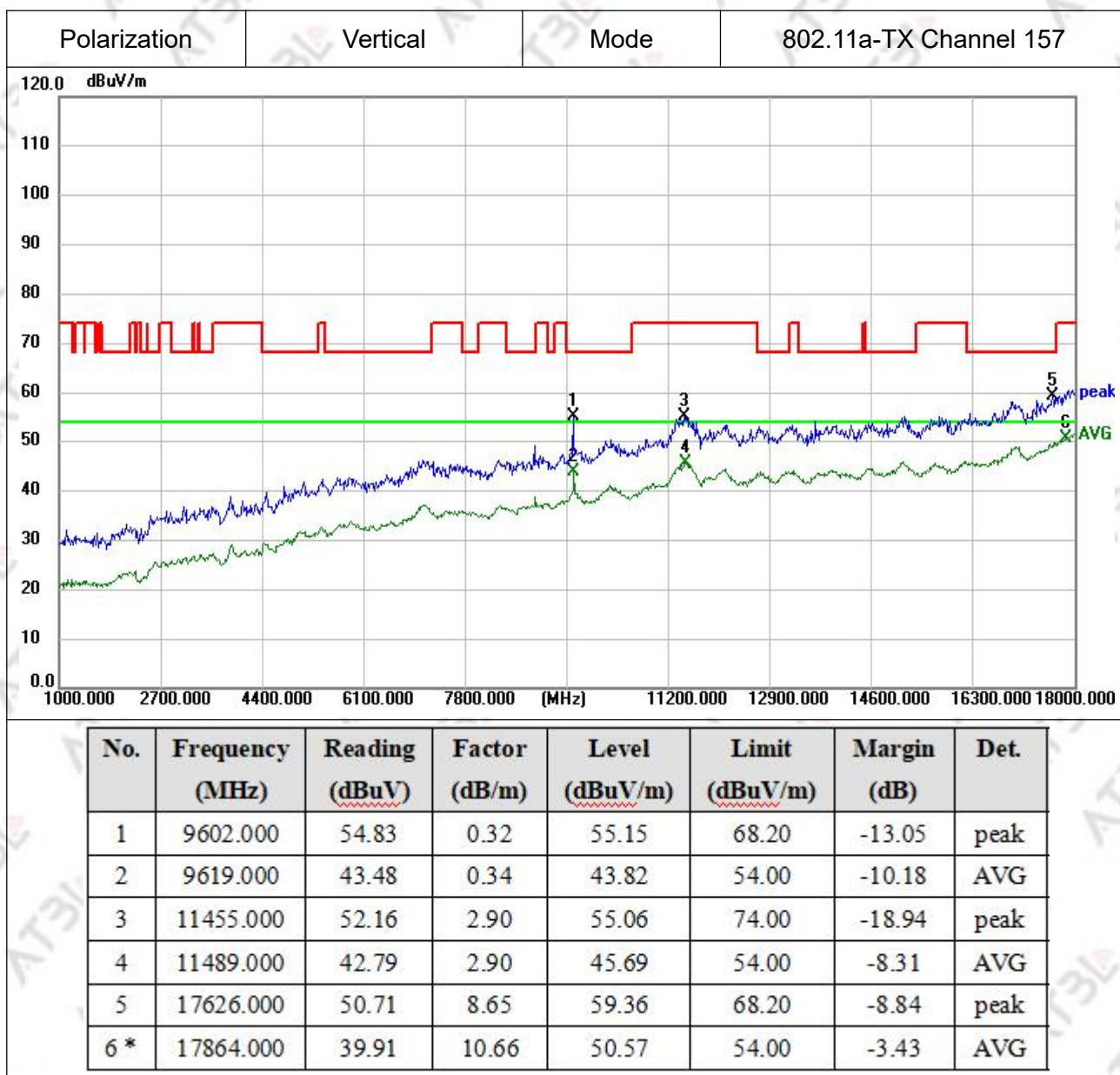


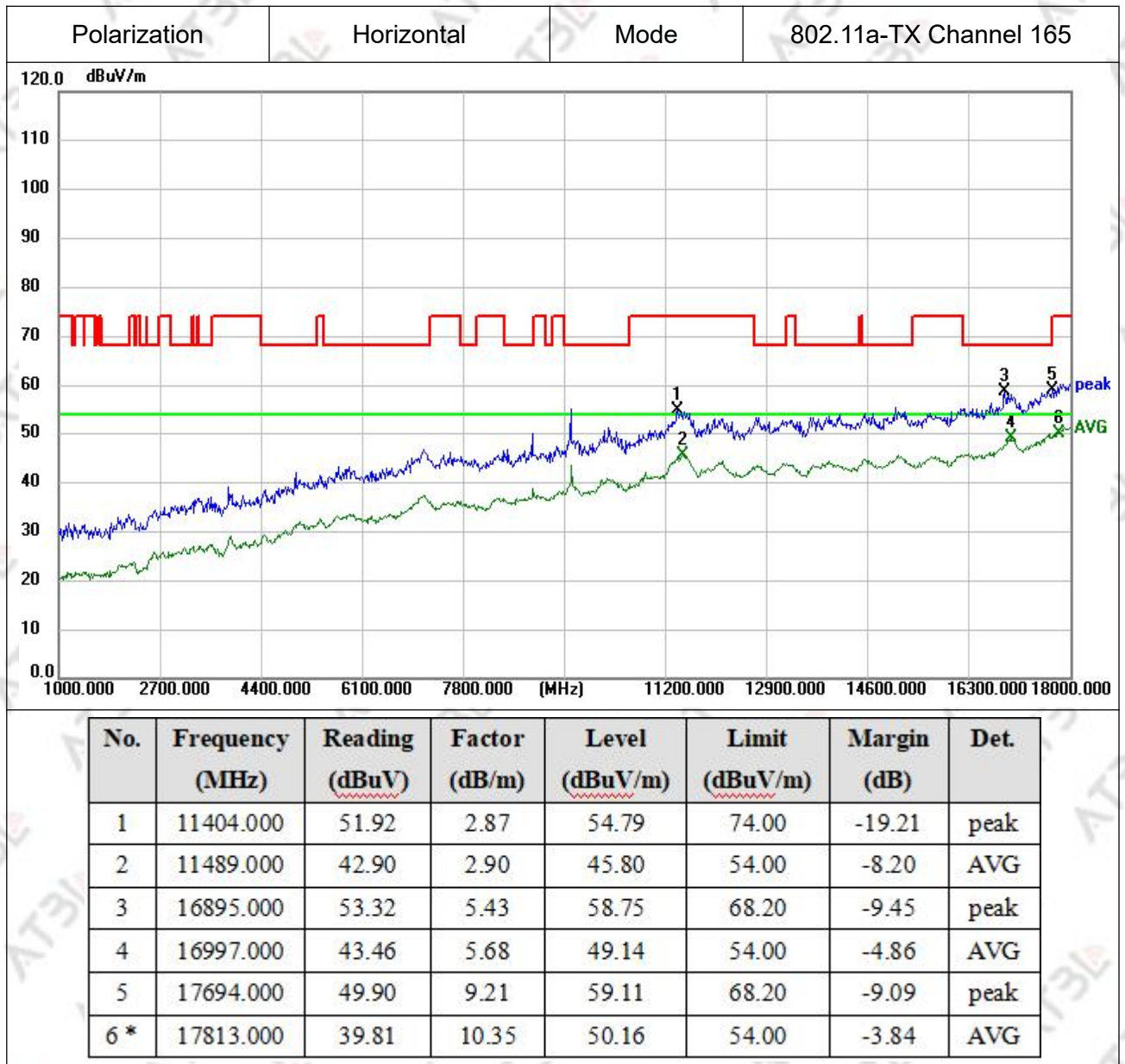


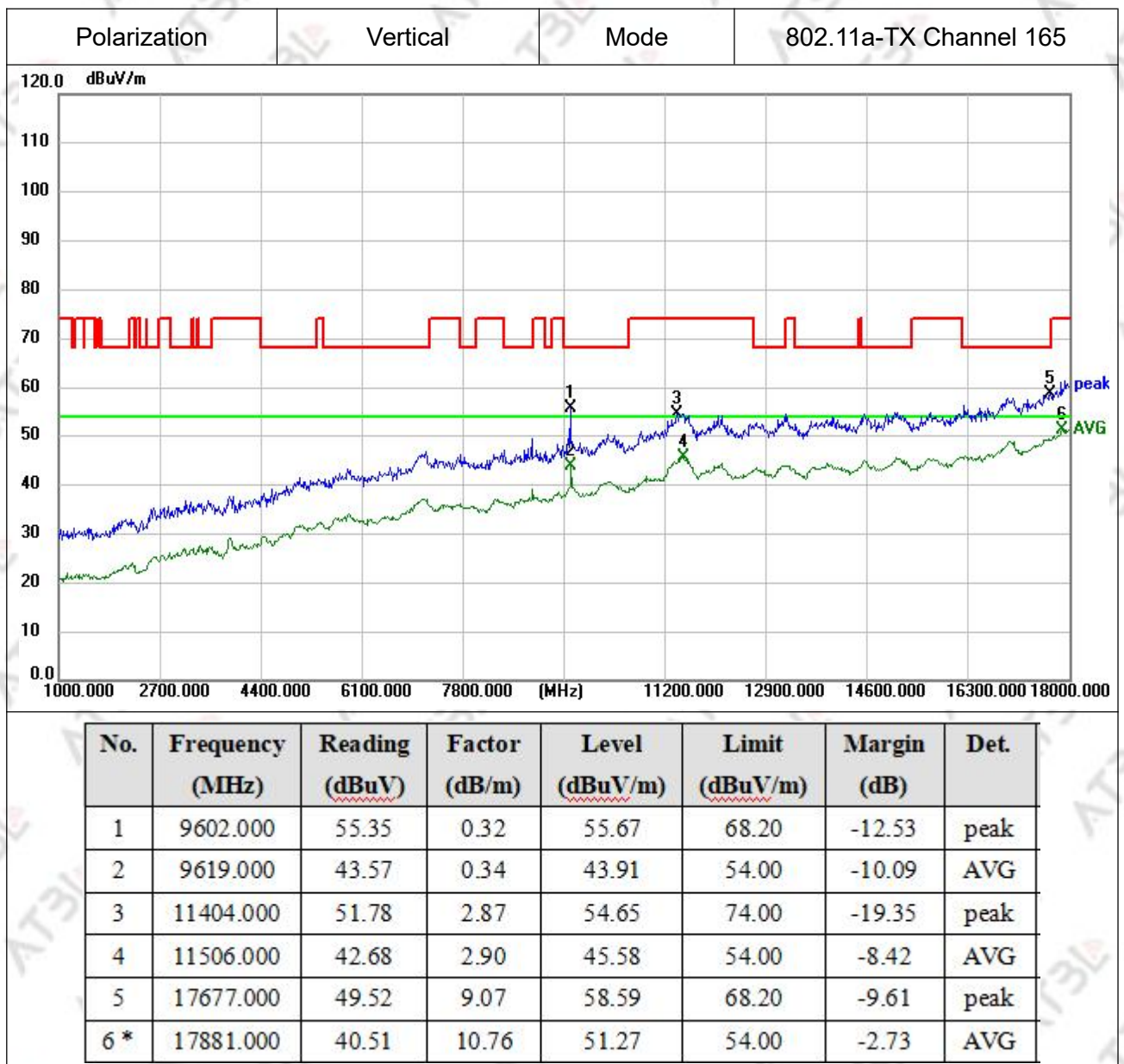






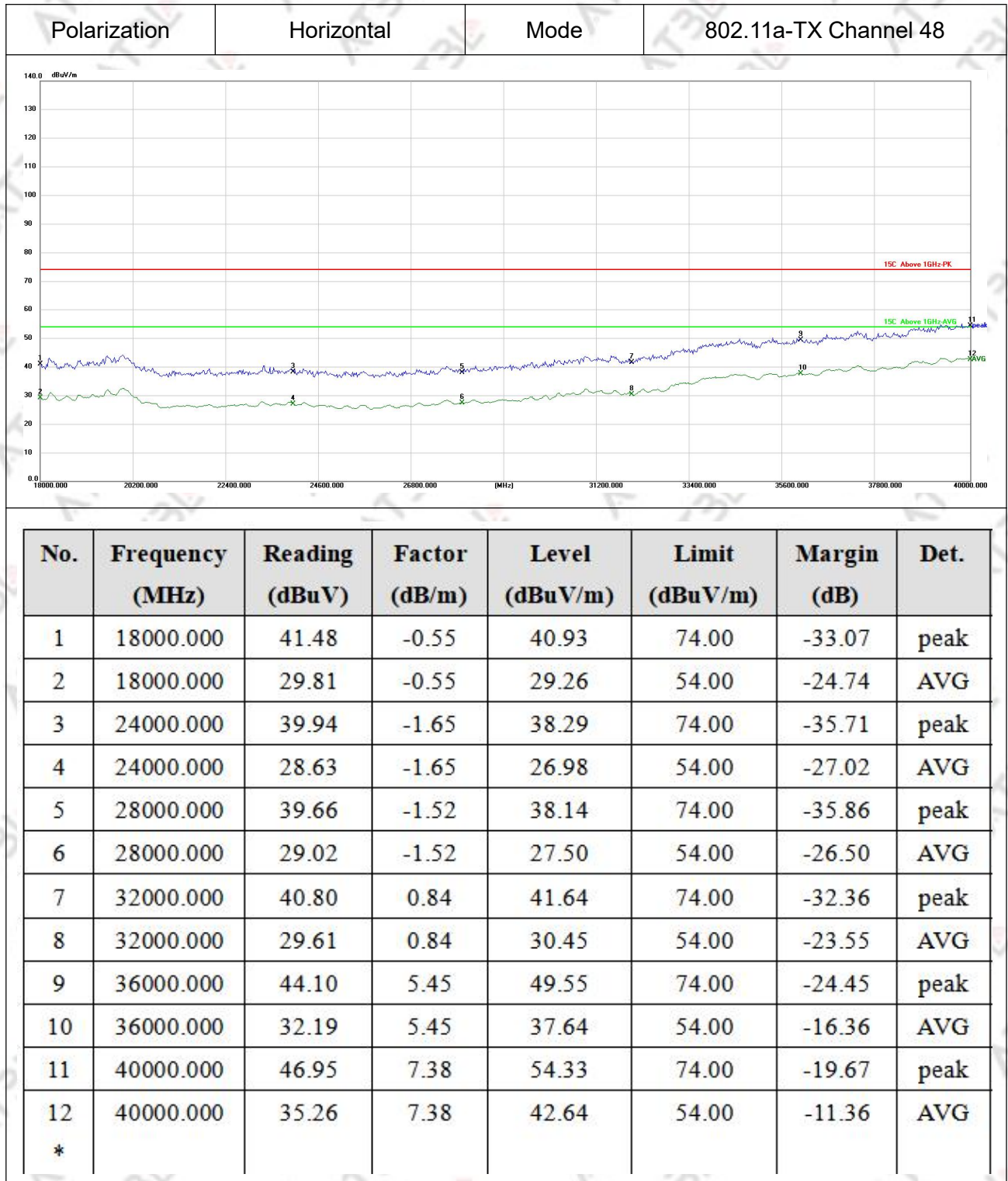


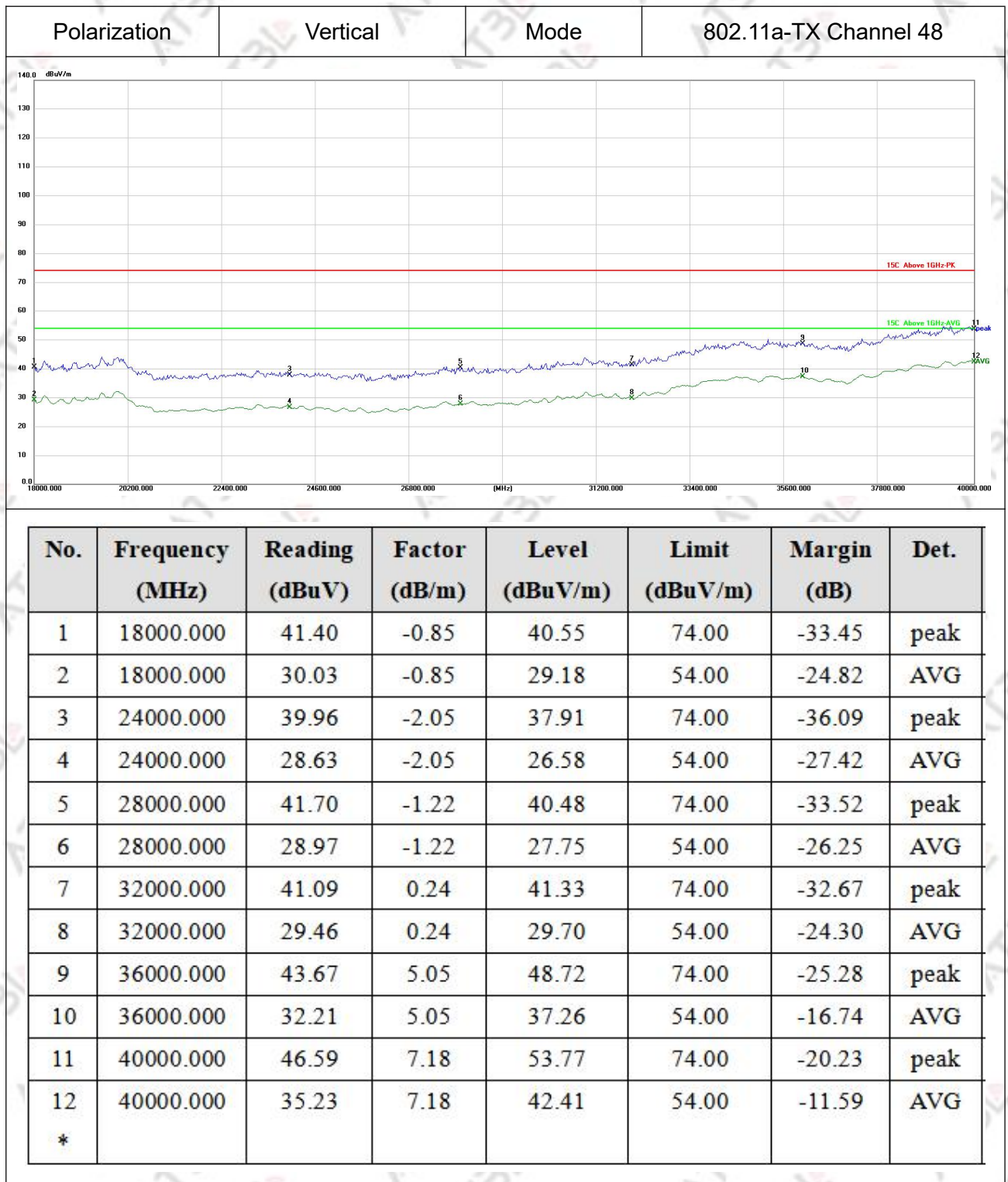




18GHz~40GHz

Note:All modes have been tested, only worst (802.11a-TX Channel 48)mode was recorded in the test report.





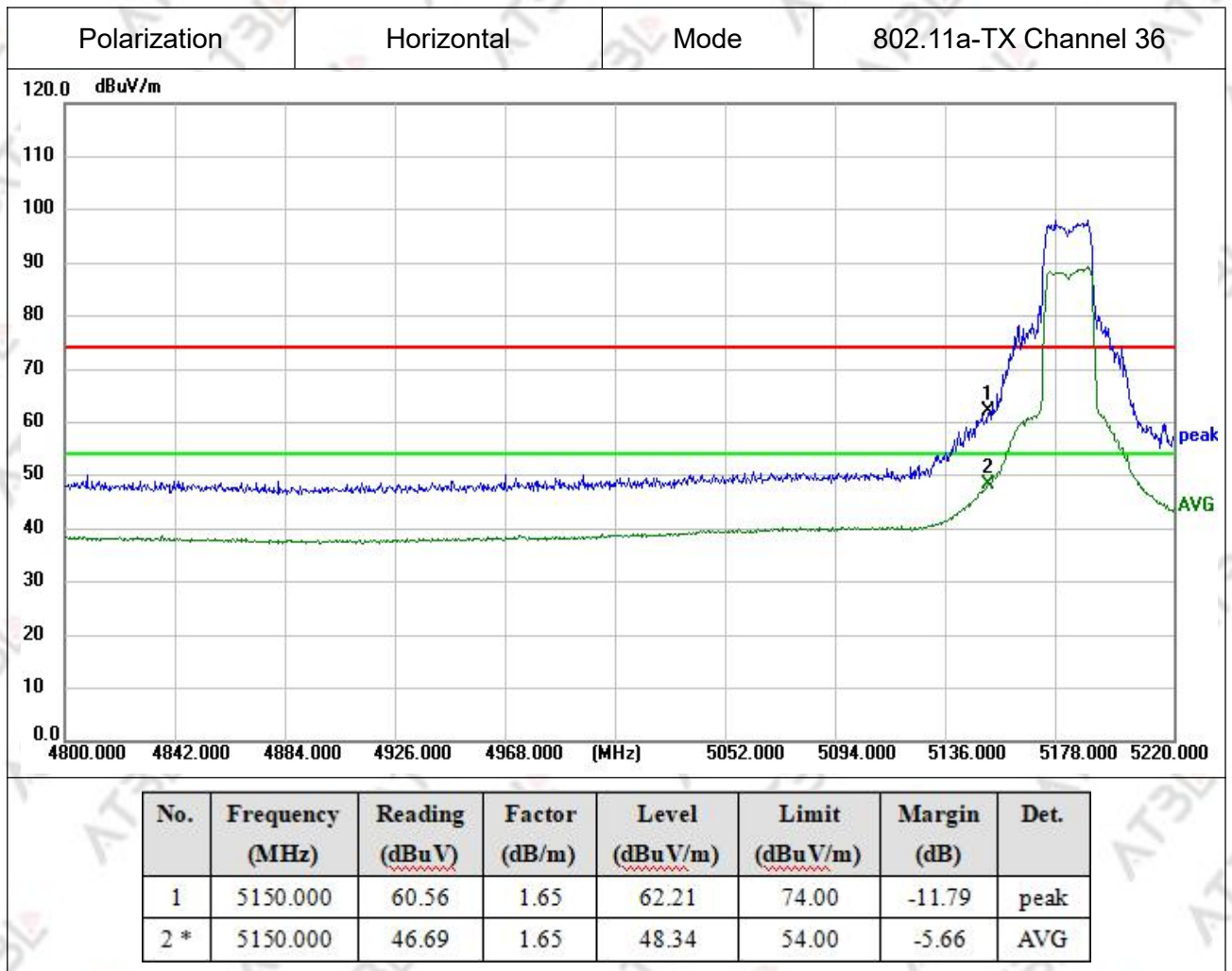
Test Result of Restricted Band

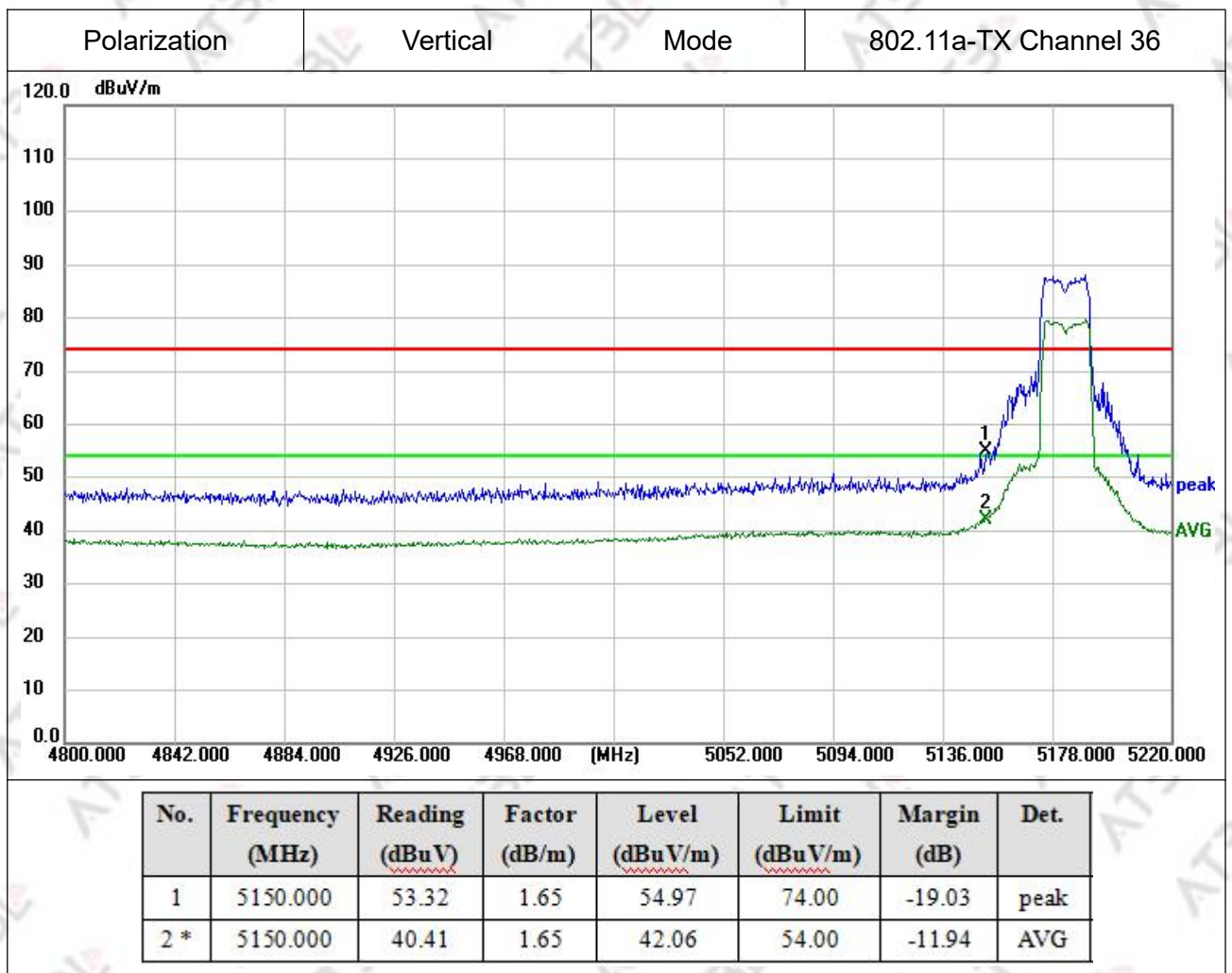
Note:

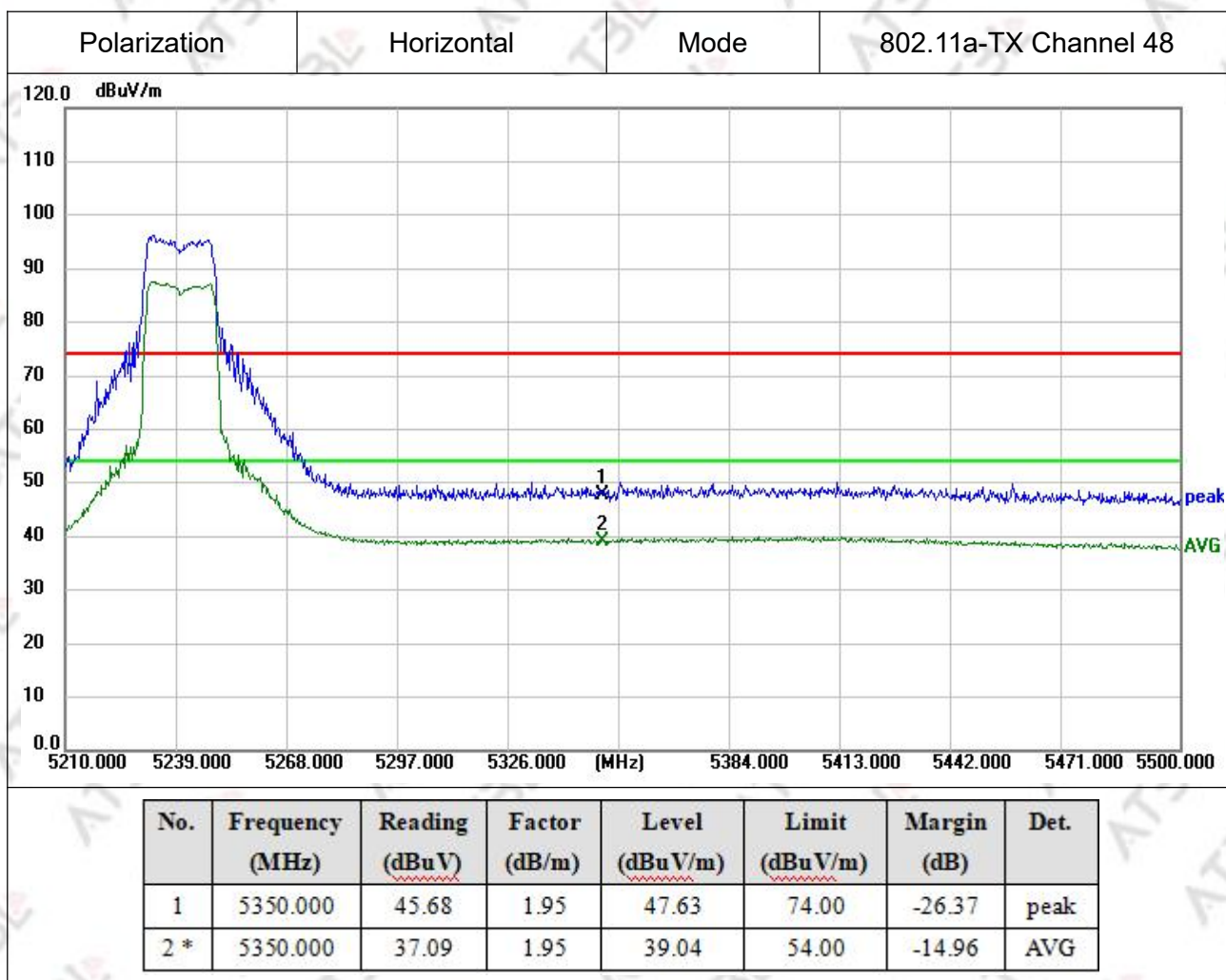
- 1.Only the worst 802.11a data is represented in the report.
 - 2.For frequencies not falling within the 15.205 MHz limit band, the limit should be 68.2dBuV/m (-27dBm/MHz).
- The result meets the limit requirements.

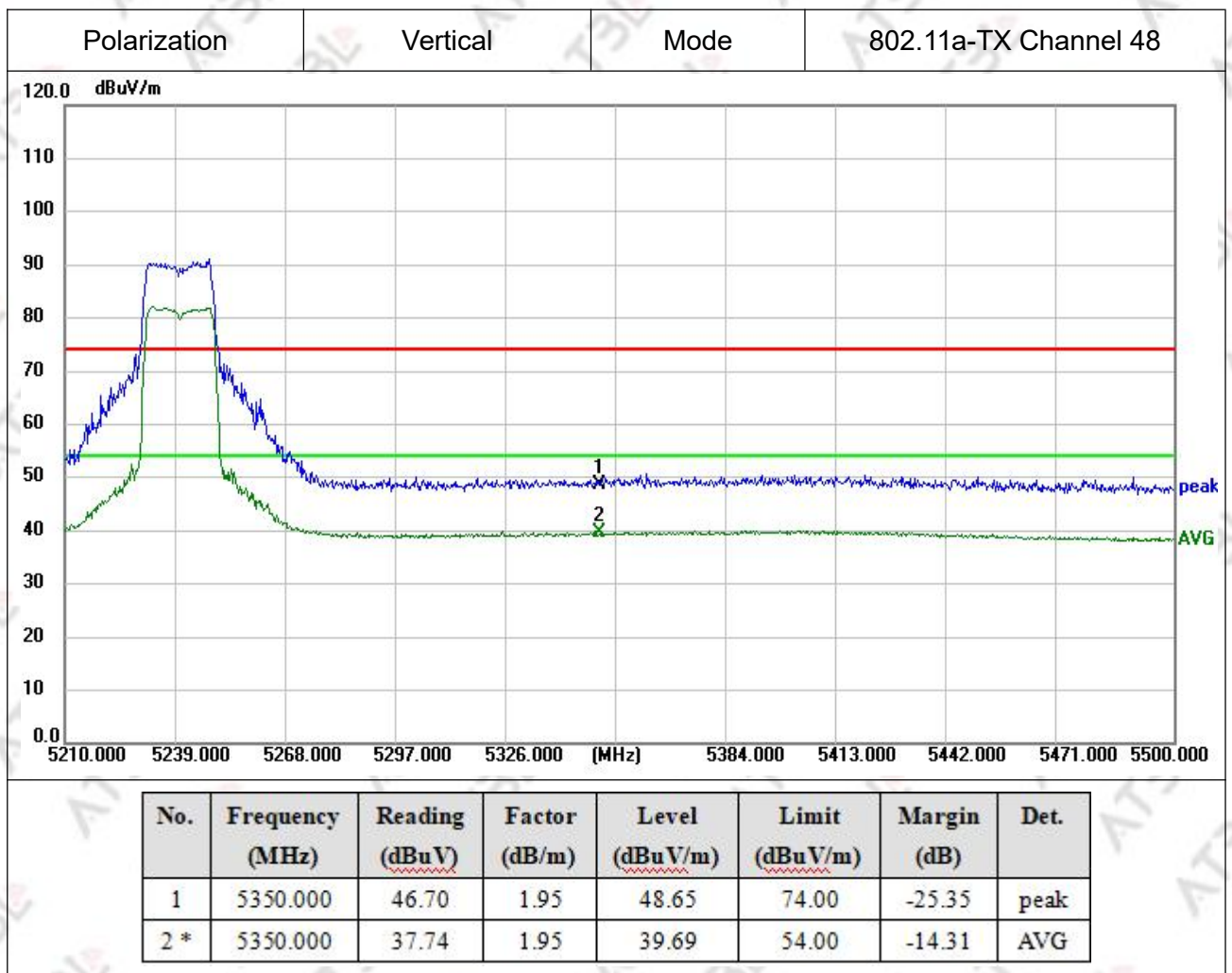
- 3.Margin=Level-Limit=Reading+factor-Limit

U-NII-1:

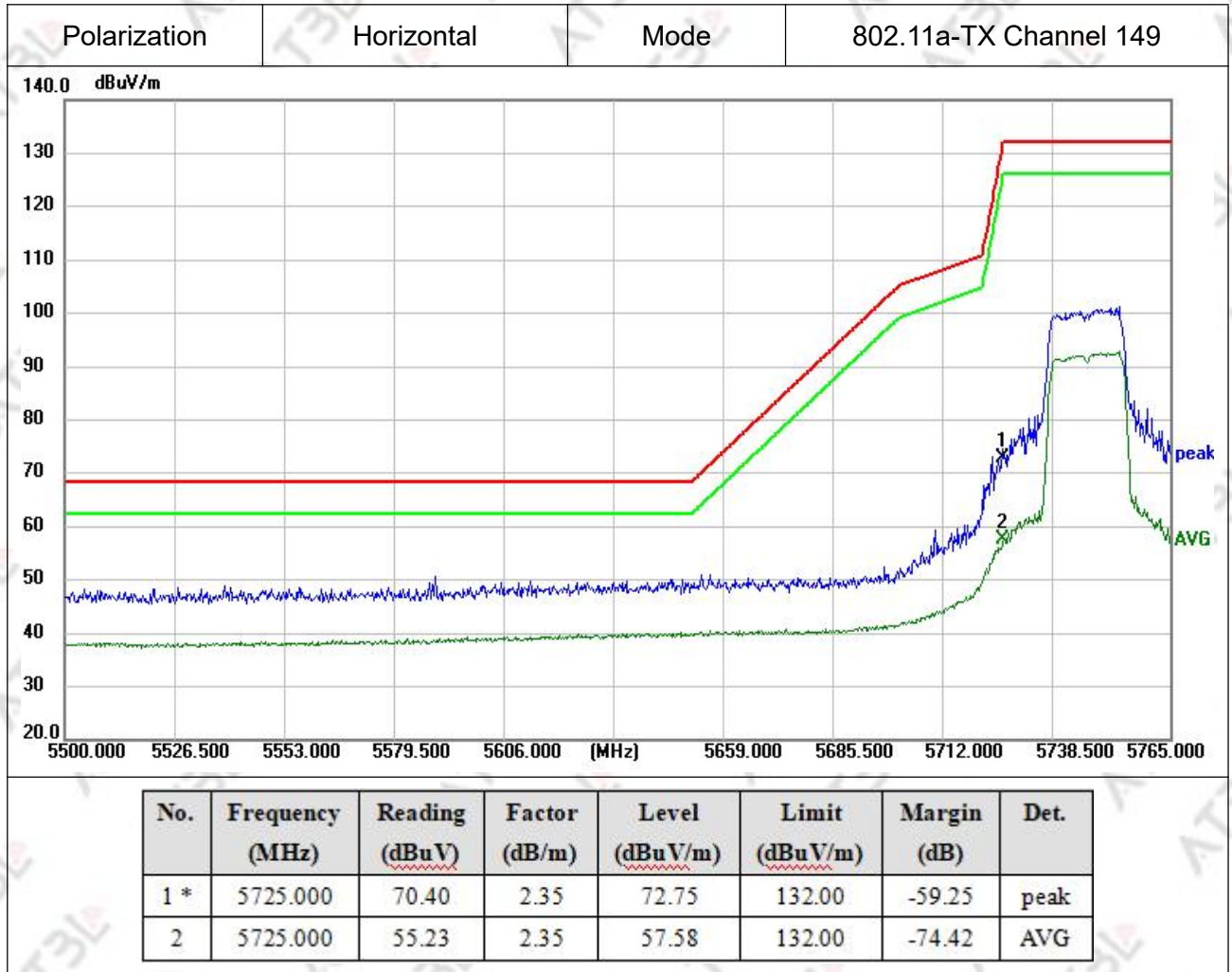


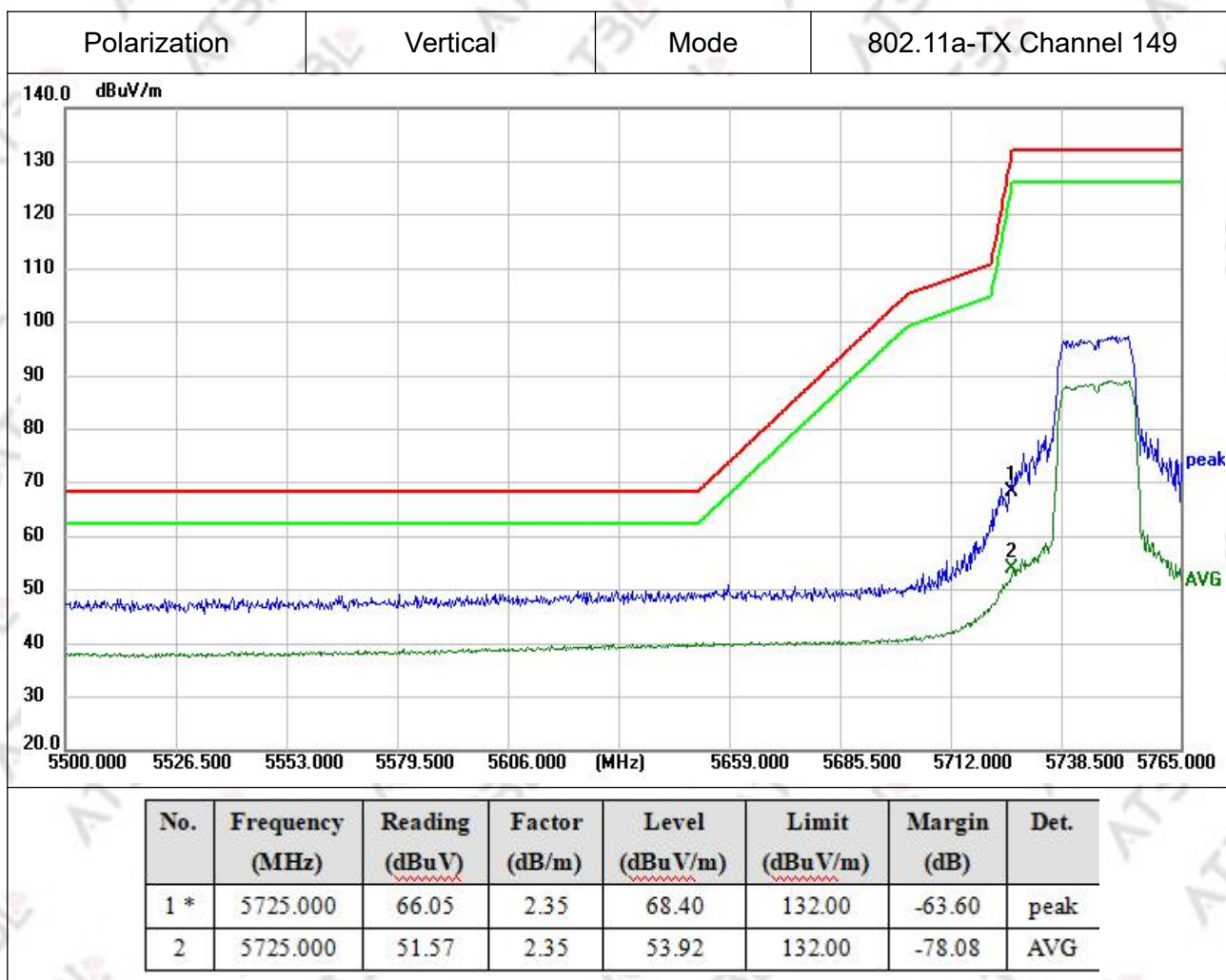


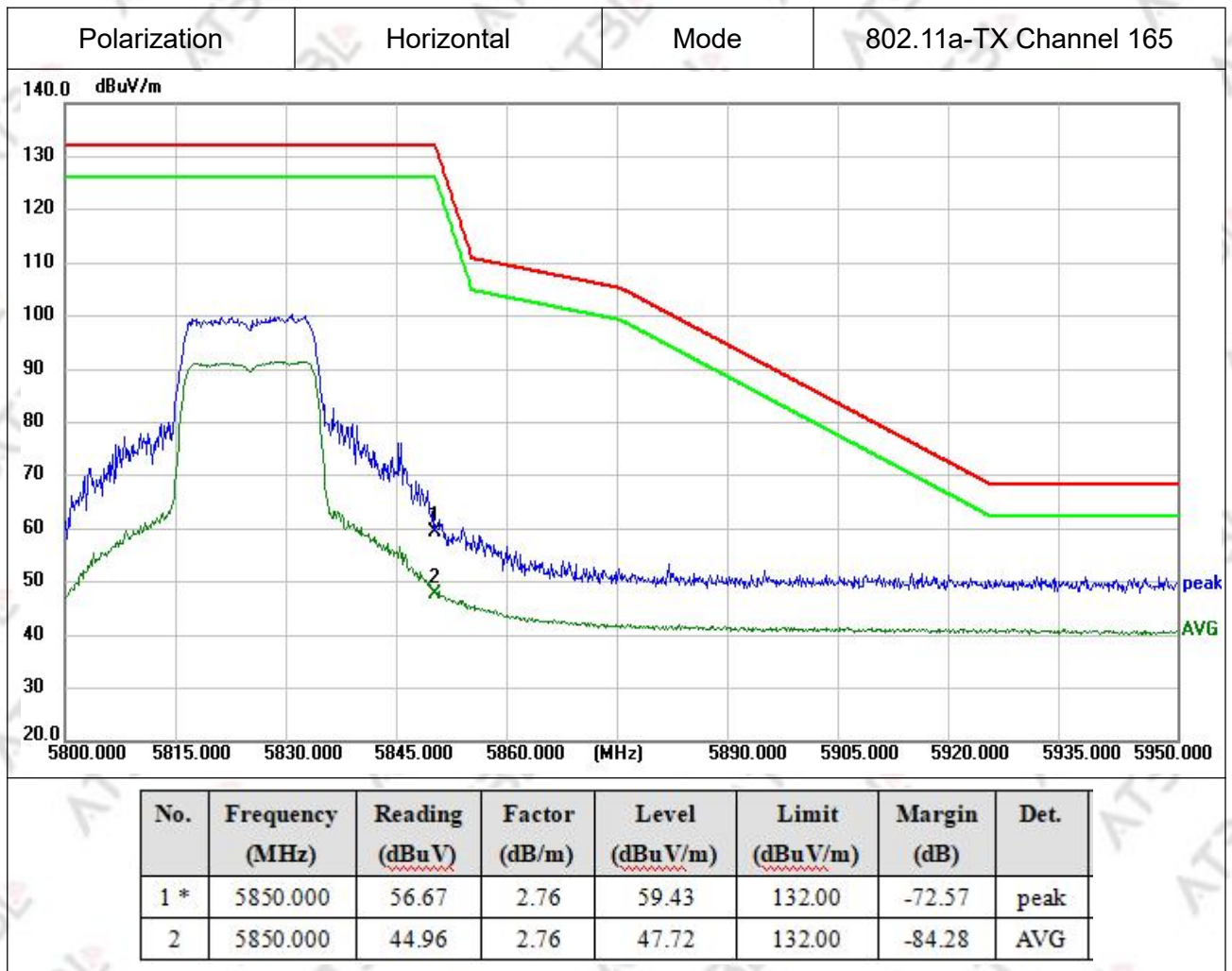


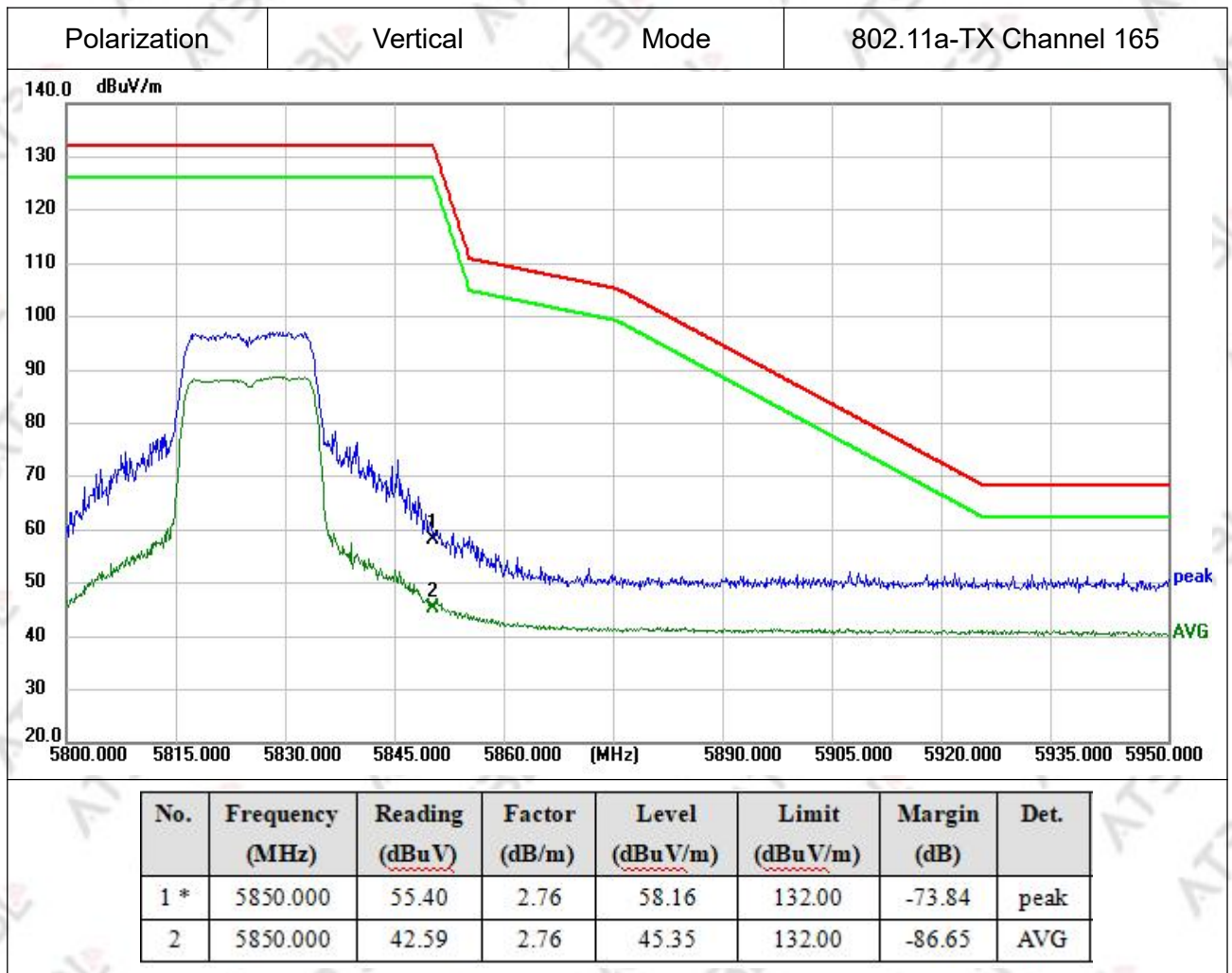


U-NII-3:





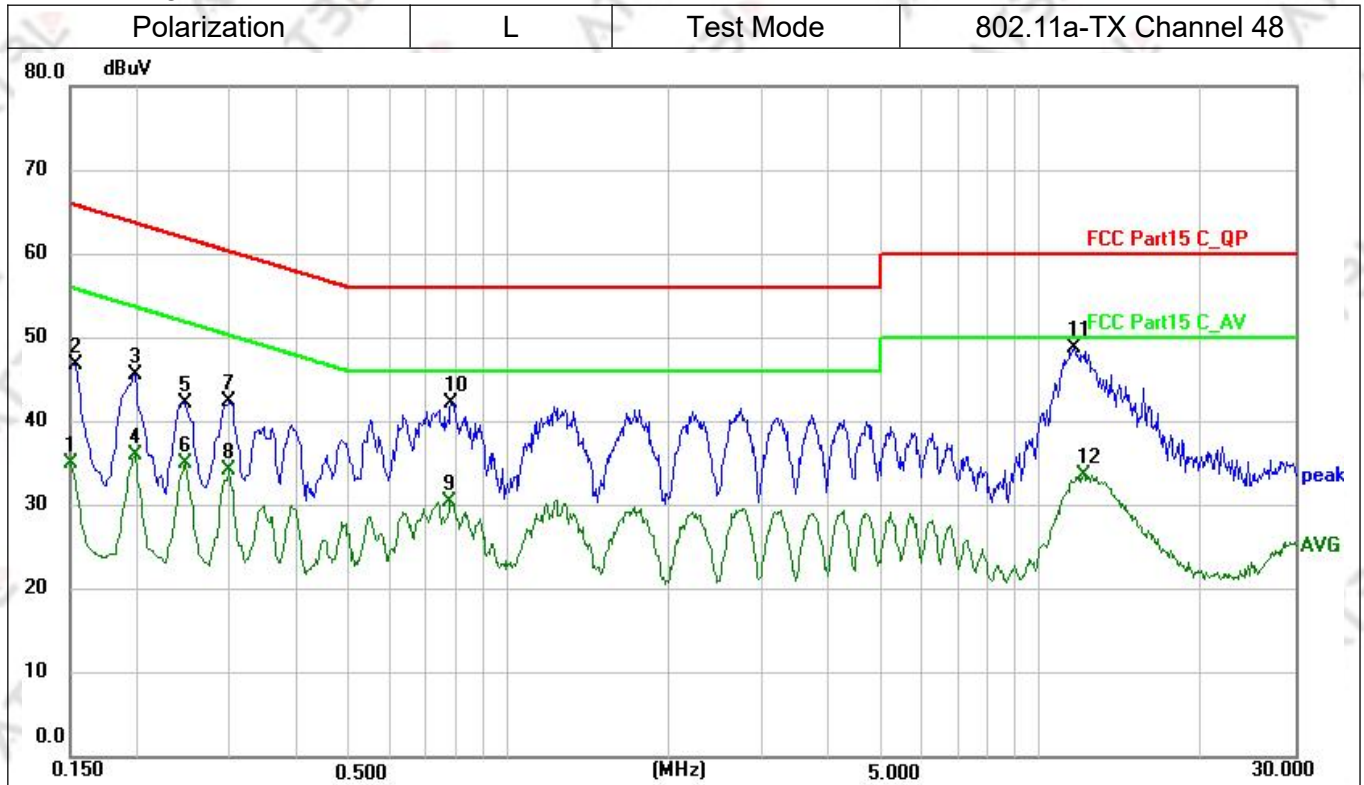




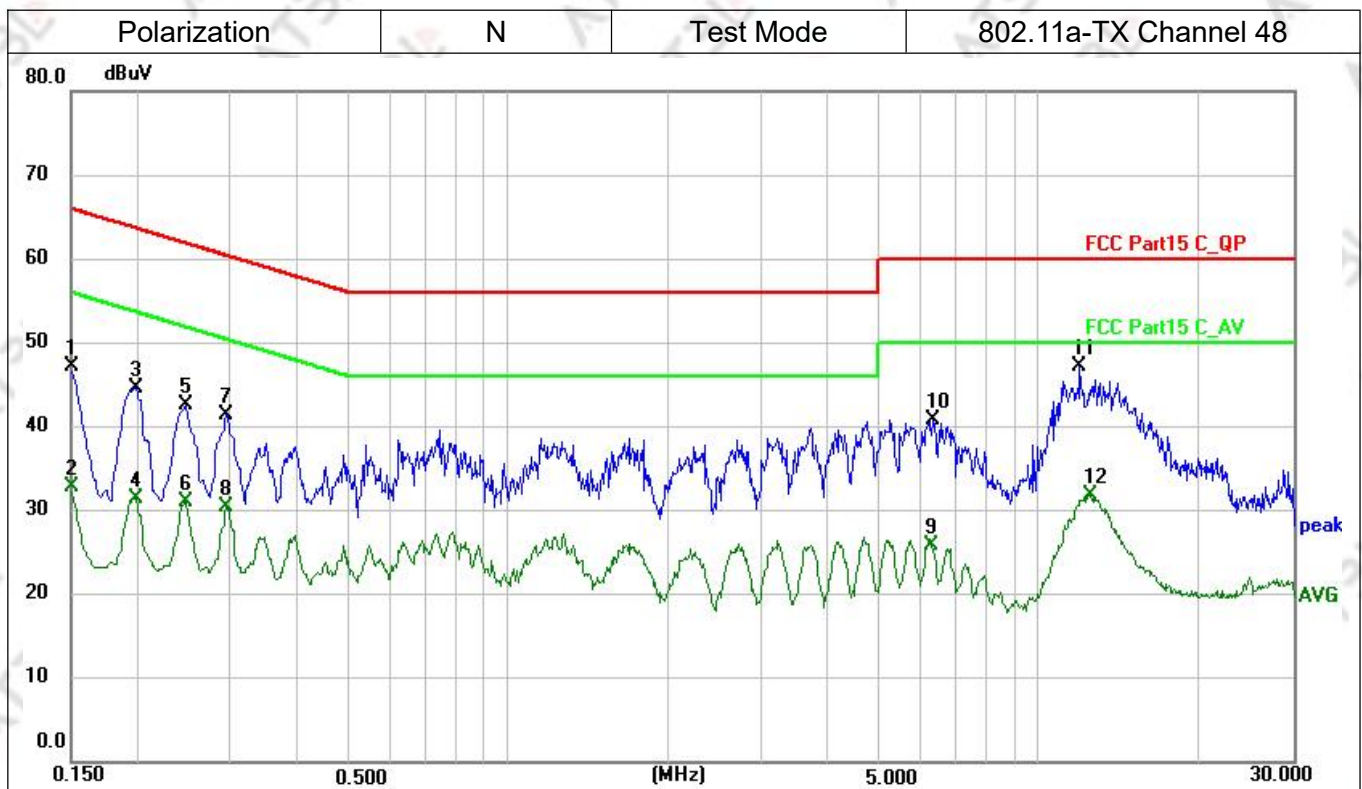
3.AC Power-Line Conducted Emission

Note:

- 1.All modes have been tested, only worst mode(802.11a-TX Channel 48) 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	0.1508	15.26	19.76	35.02	55.96	-20.94	AVG
2	0.1539	27.09	19.77	46.86	65.79	-18.93	peak
3	0.1980	25.61	20.01	45.62	63.69	-18.07	peak
4	0.1980	15.94	20.01	35.95	53.69	-17.74	AVG
5	0.2460	22.33	19.94	42.27	61.89	-19.62	peak
6	0.2460	15.07	19.94	35.01	51.89	-16.88	AVG
7	0.2980	22.44	19.90	42.34	60.30	-17.96	peak
8	0.2980	14.26	19.90	34.16	50.30	-16.14	AVG
9	0.7780	10.66	19.75	30.41	46.00	-15.59	AVG
10	0.7820	22.40	19.75	42.15	56.00	-13.85	peak
11 *	11.5060	27.84	21.03	48.87	60.00	-11.13	peak
12	12.0540	12.48	21.12	33.60	50.00	-16.40	AVG



No.	Frequency (MHz)	Reading Level(dBuV)	Factor (dB)	Measure- ment(dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1500	27.46	19.75	47.21	66.00	-18.79	peak
2	0.1500	13.13	19.75	32.88	56.00	-23.12	AVG
3	0.1980	24.93	19.72	44.65	63.69	-19.04	peak
4	0.1980	11.74	19.72	31.46	53.69	-22.23	AVG
5	0.2460	22.78	19.74	42.52	61.89	-19.37	peak
6	0.2460	11.25	19.74	30.99	51.89	-20.90	AVG
7	0.2940	21.53	19.79	41.32	60.41	-19.09	peak
8	0.2940	10.61	19.79	30.40	50.41	-20.01	AVG
9	6.2660	5.36	20.53	25.89	50.00	-24.11	AVG
10	6.2940	20.26	20.53	40.79	60.00	-19.21	peak
11 *	11.9100	26.08	21.15	47.23	60.00	-12.77	peak
12	12.4540	10.51	21.32	31.83	50.00	-18.17	AVG

*****END*****