

Appendix E _ Radiated Test data and AC Power-Line Conducted Emission

1. Radiated spurious emissions

9 kHz-30 MHz:

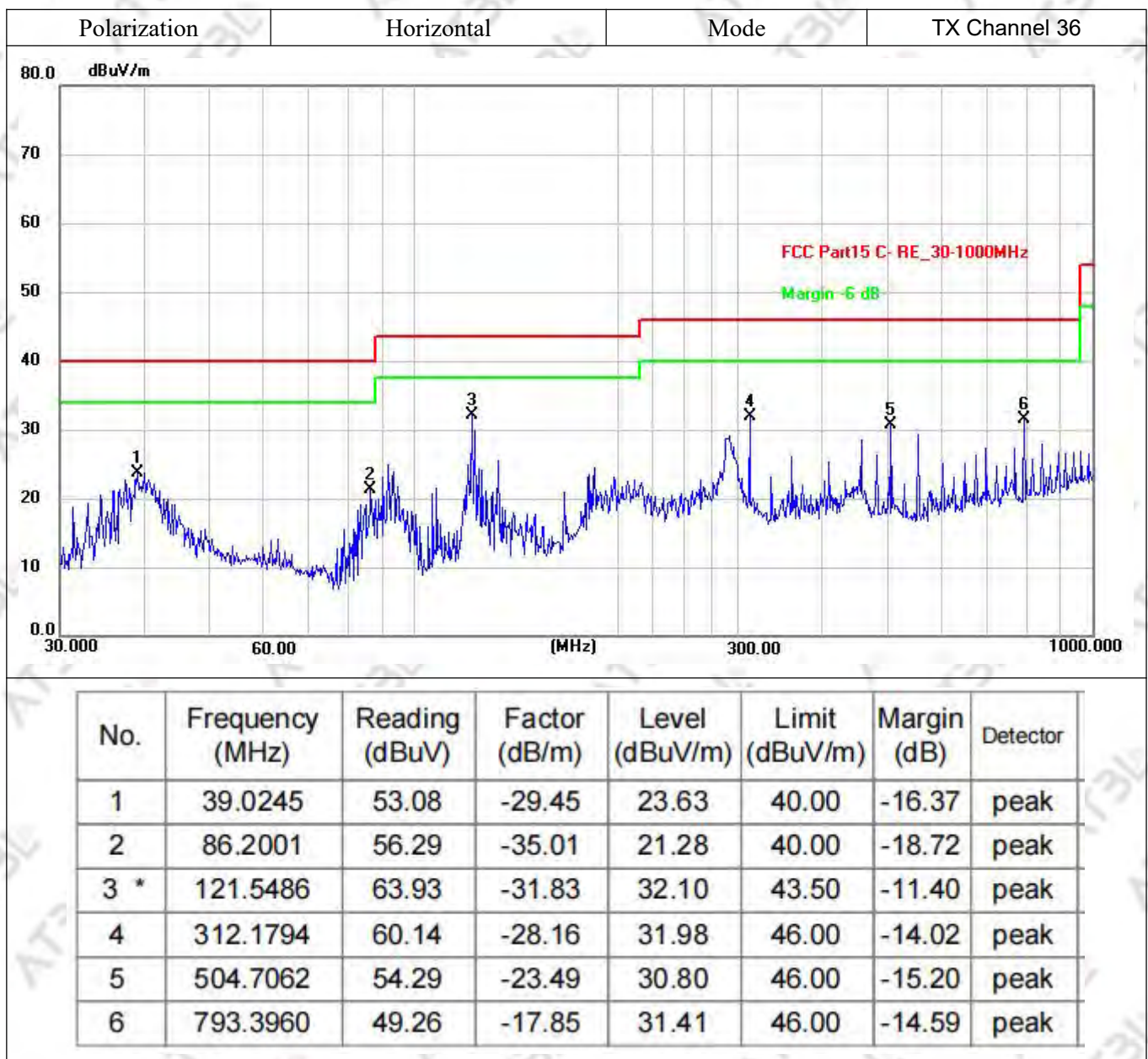
Note:

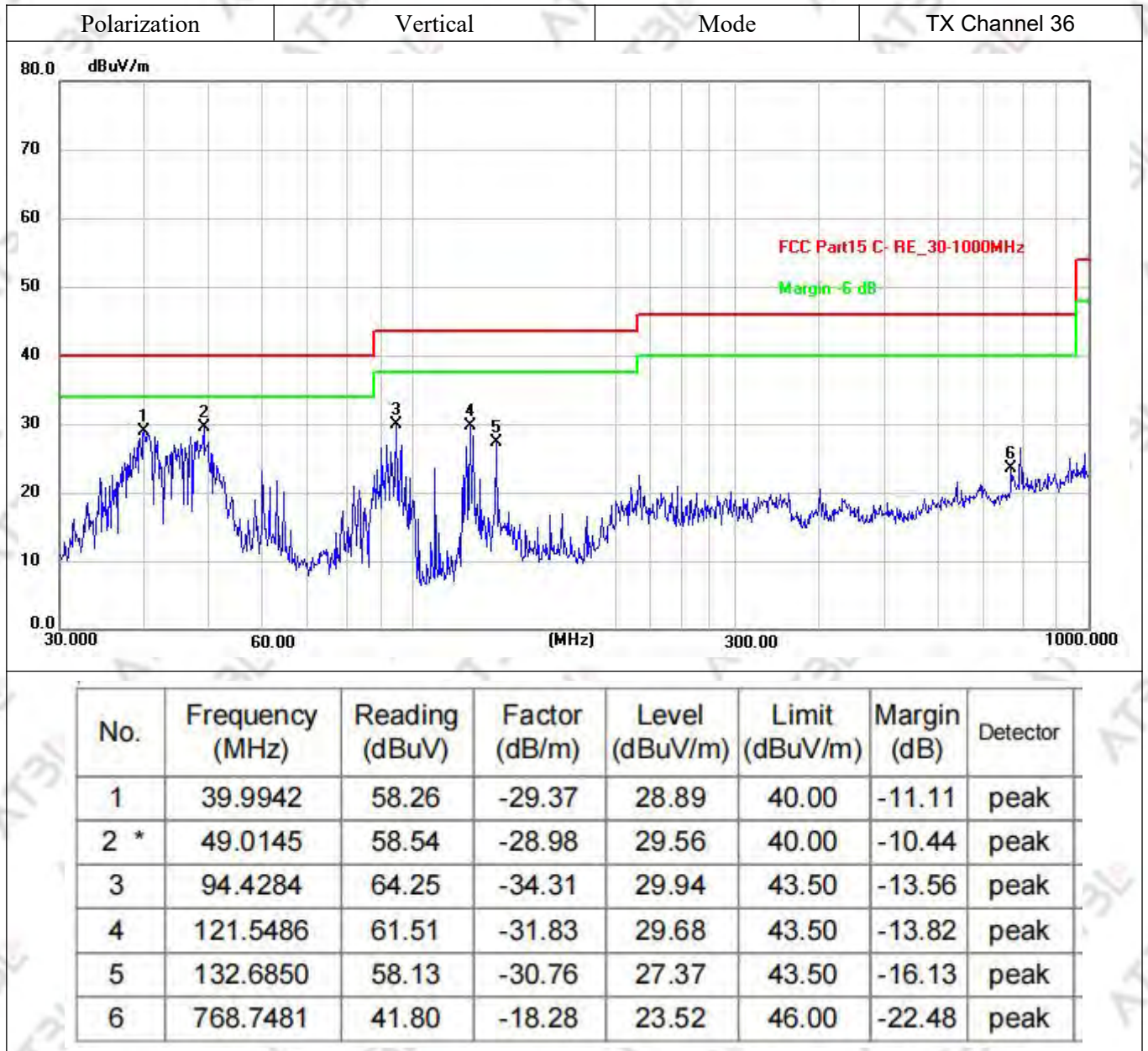
1. The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was not reported.

Below 1GHz:

Note:

All modes have been tested, only worst case(802.11a-5180MHz)mode was recorded in the test report if no any others.





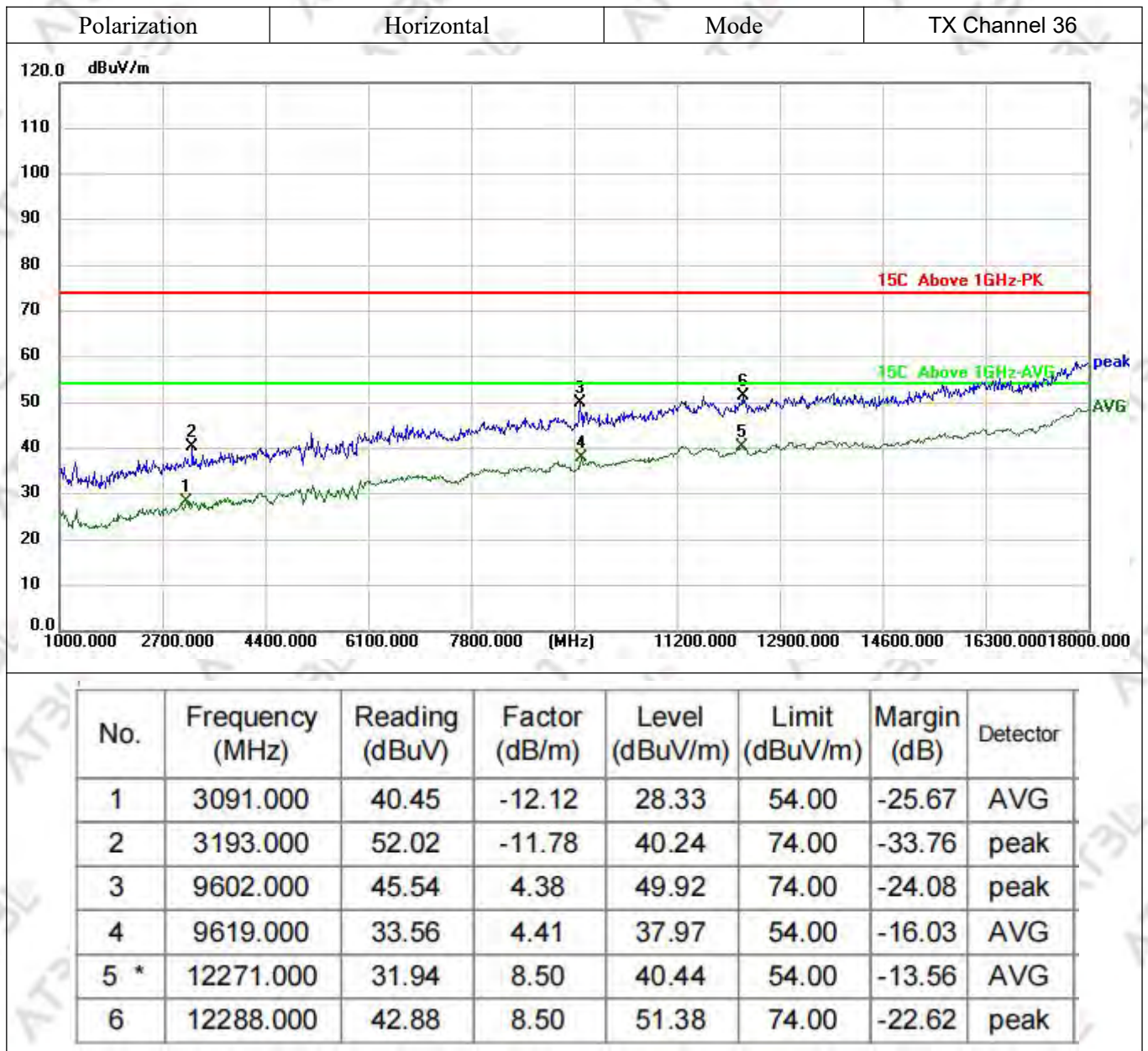
Above 1GHz:

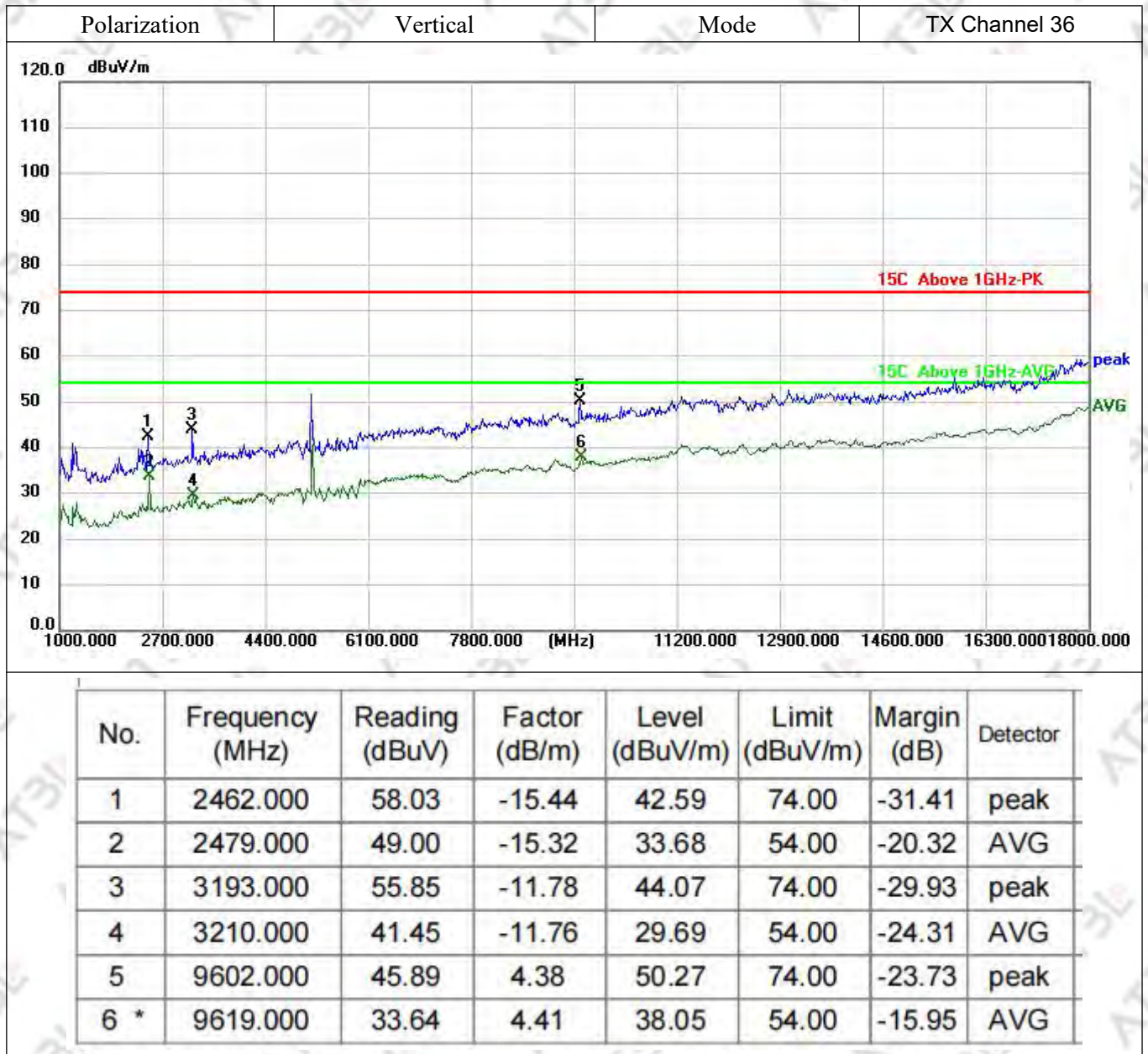
Note:

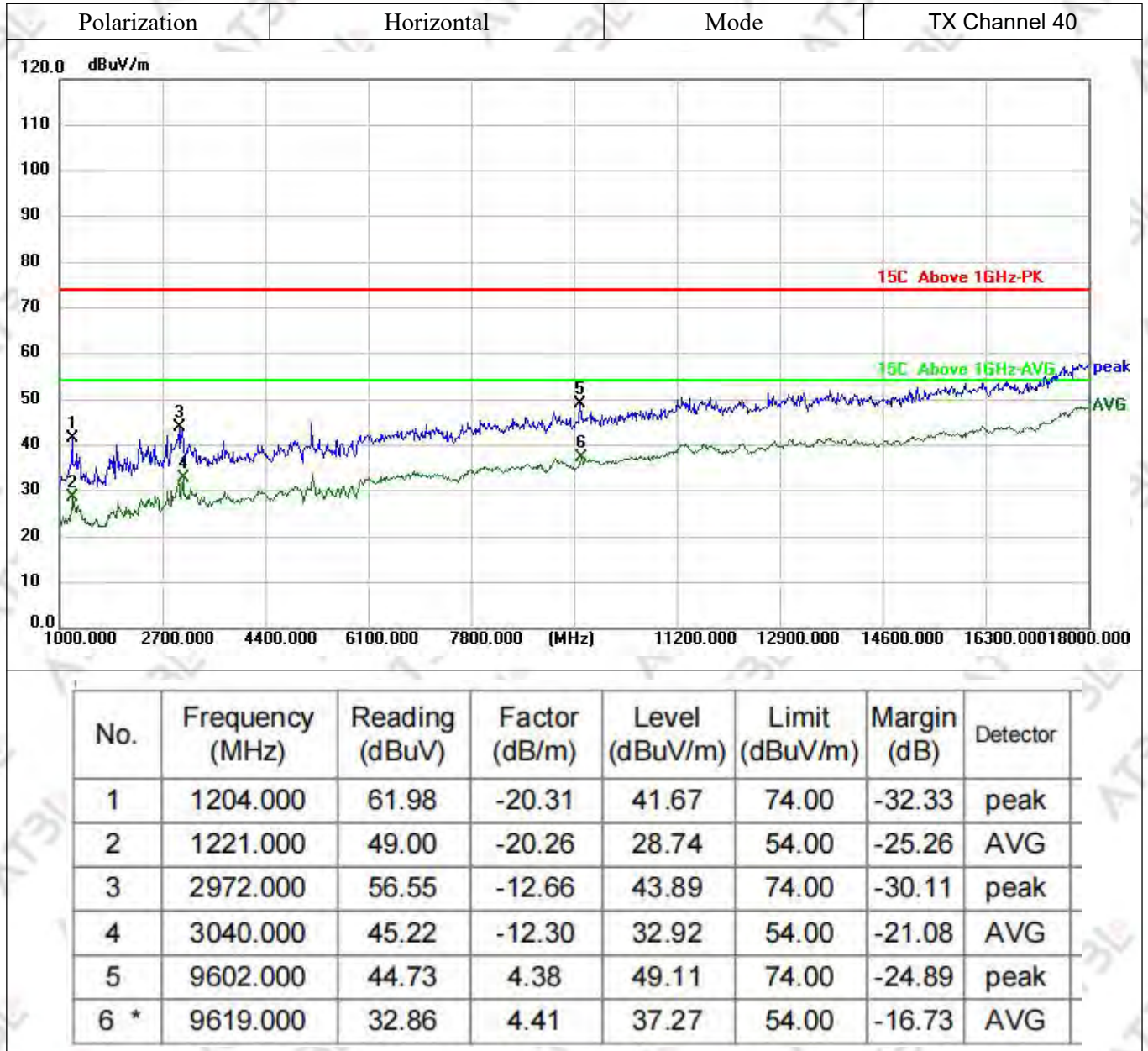
- 1.The all data rate modes had been test, but only worse test data was recorded in the test report.
- 2.In frequency ranges 18 ~40GHz no any other harmonic emissions detected which are tested to compliance with the limit. No recording in the test report. No any other emissions level which are attenuated 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.

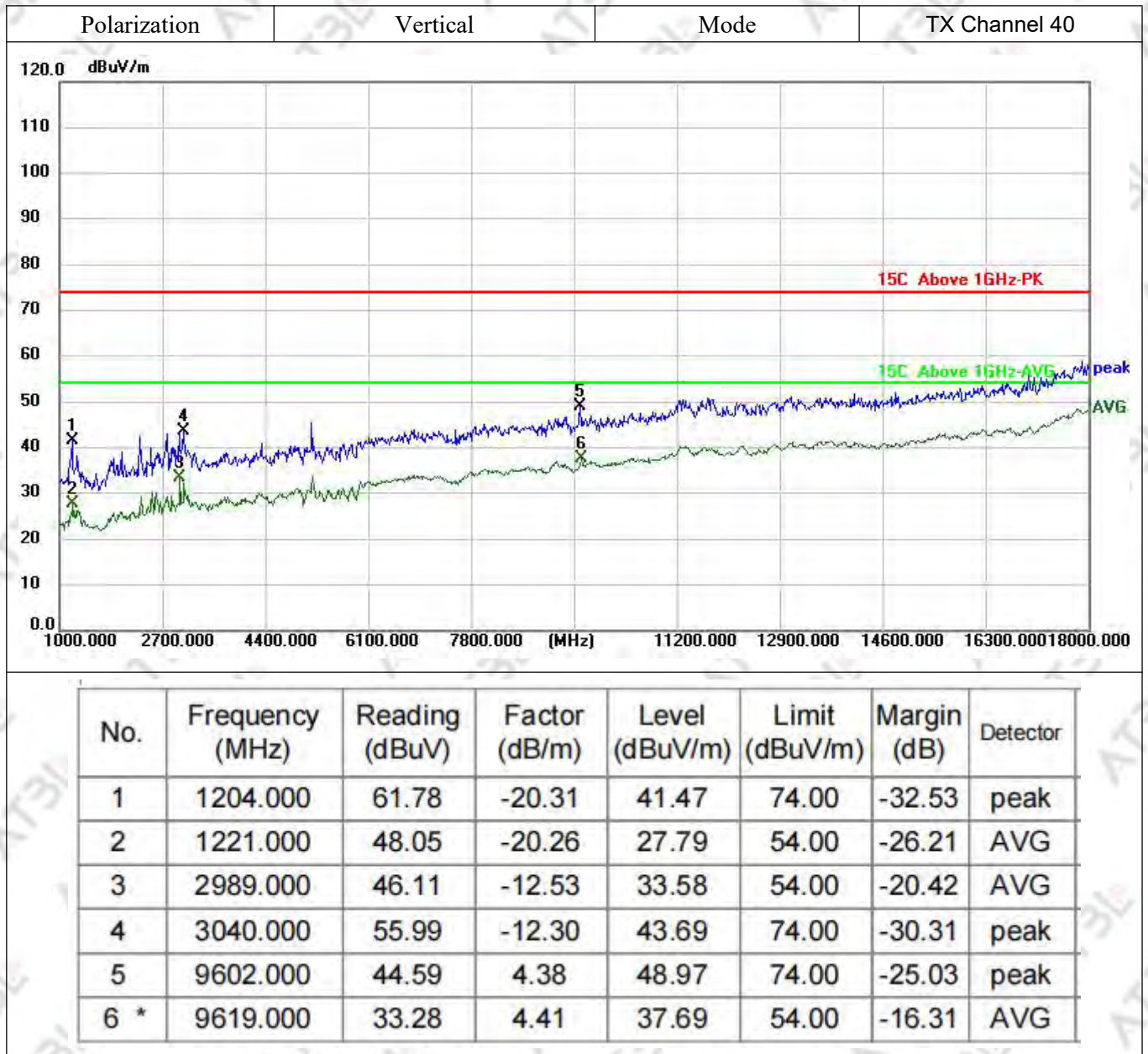
Band 1 (5150-5250MHz):

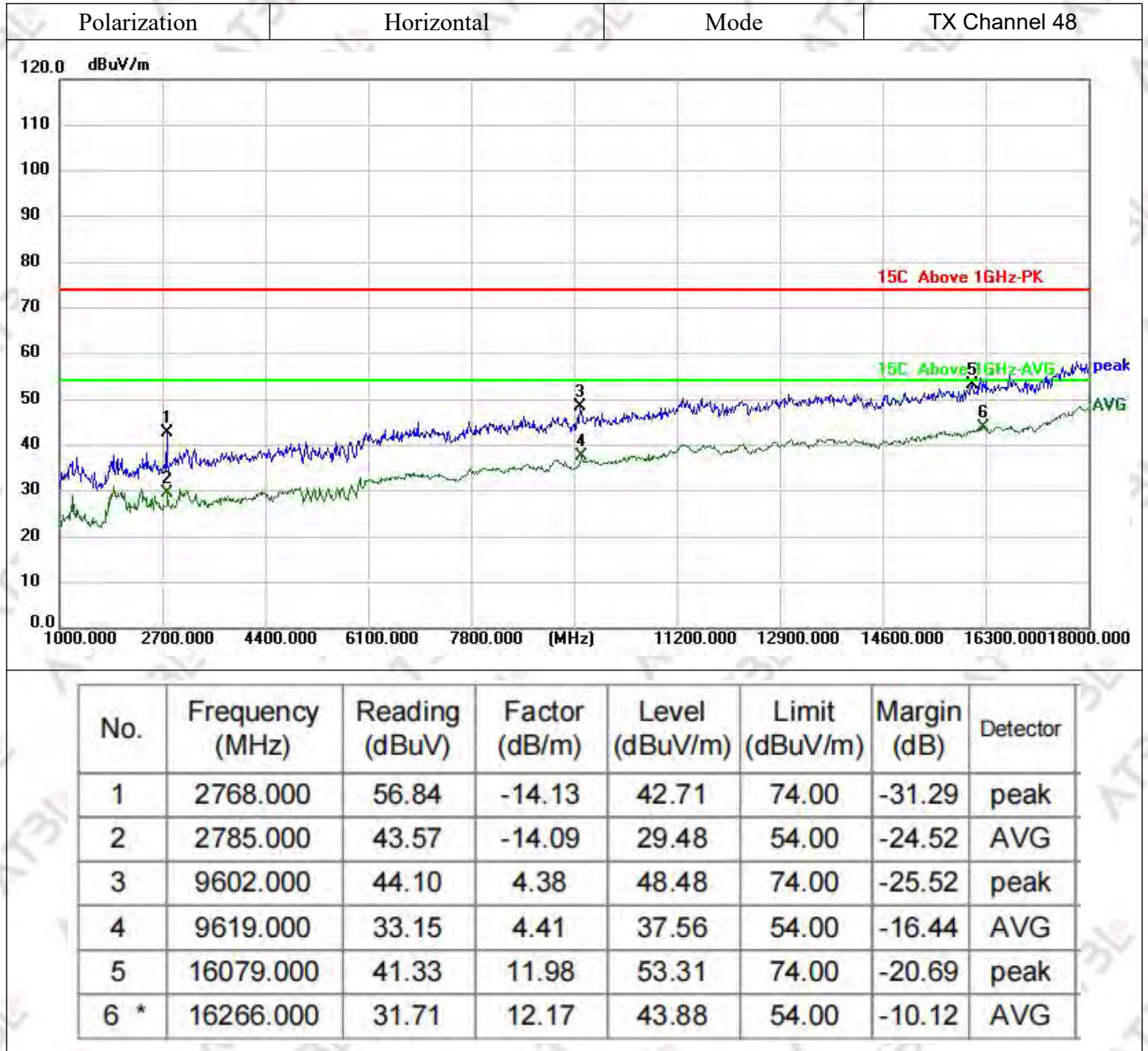
802.11a

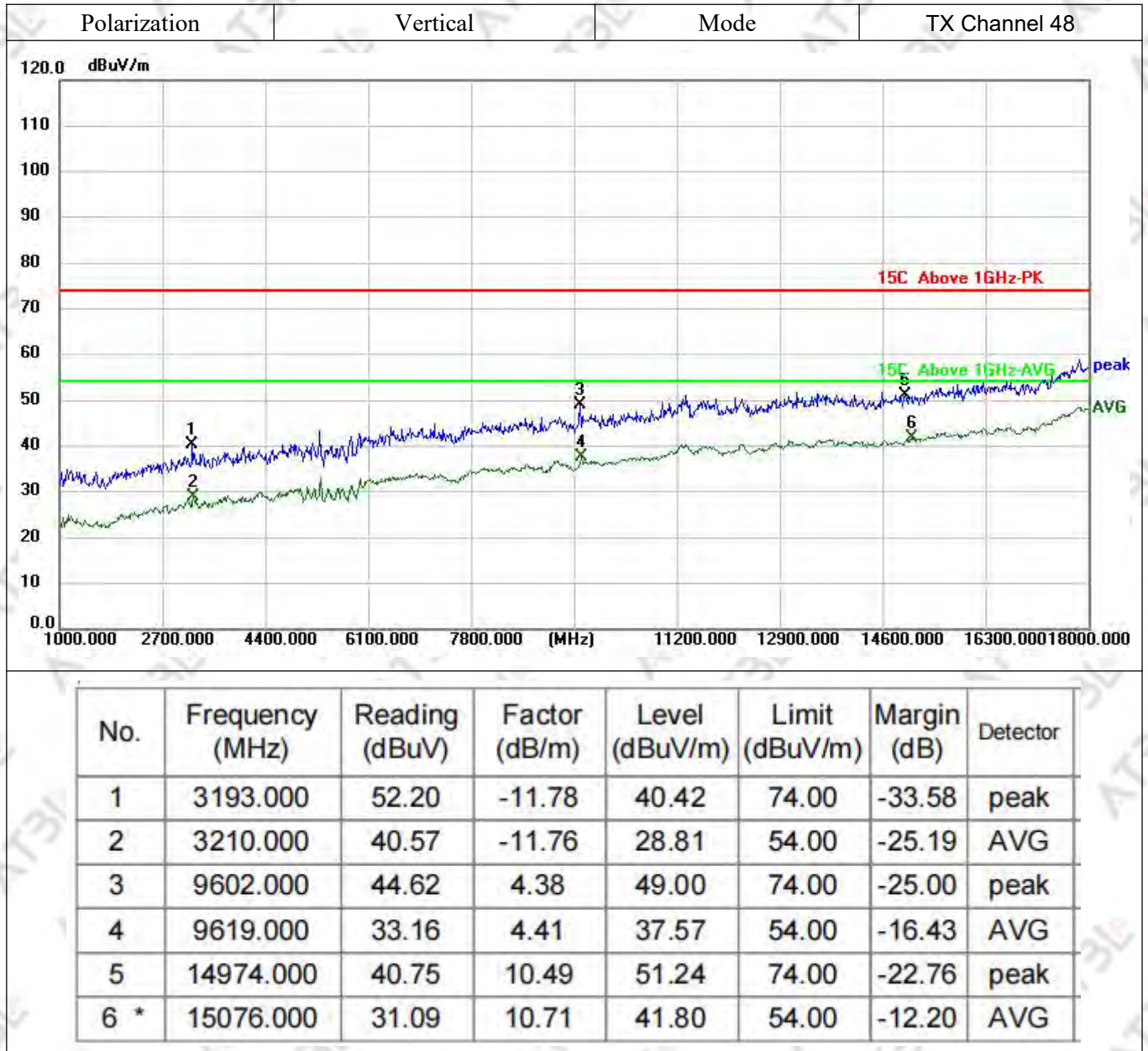




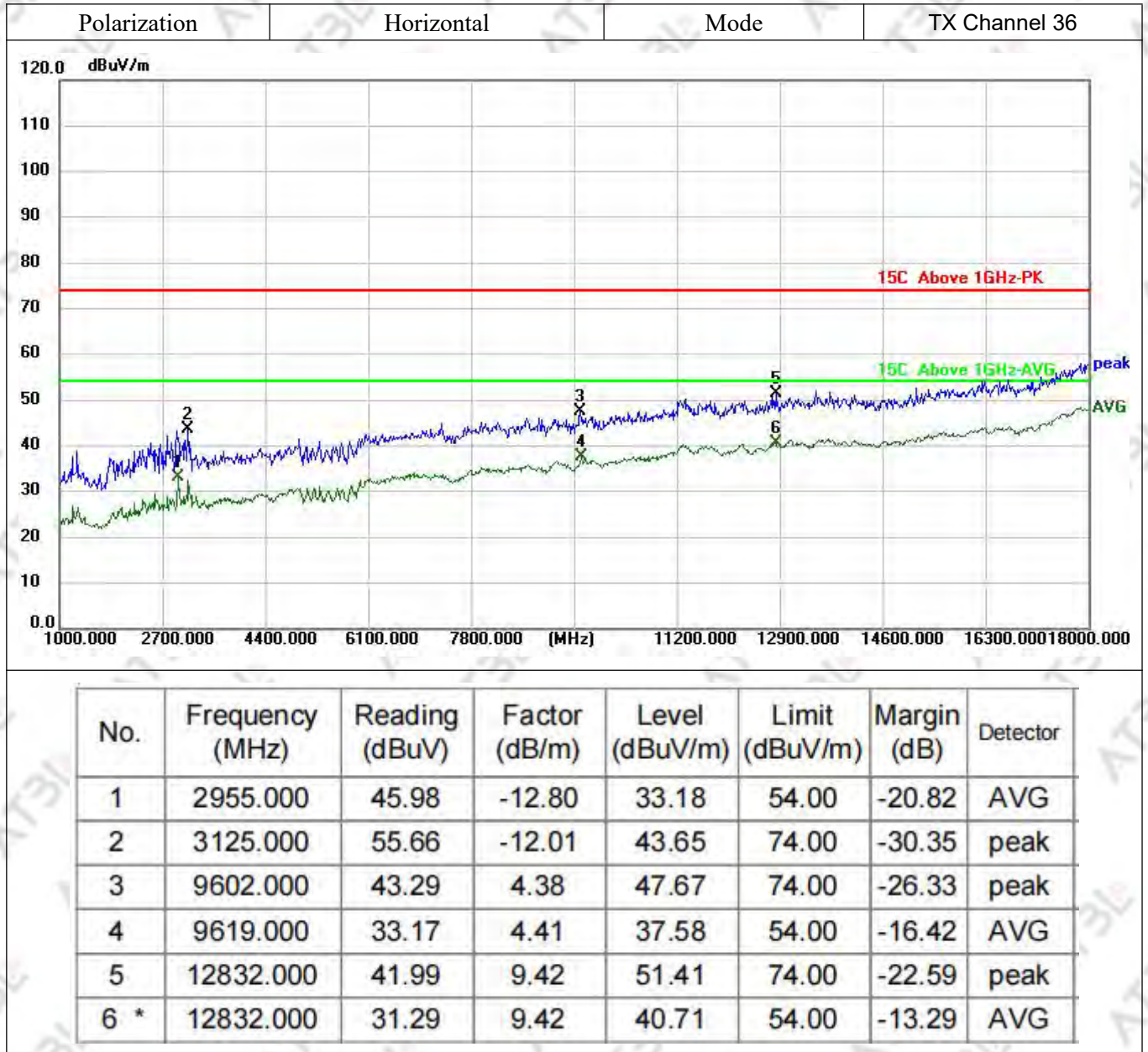


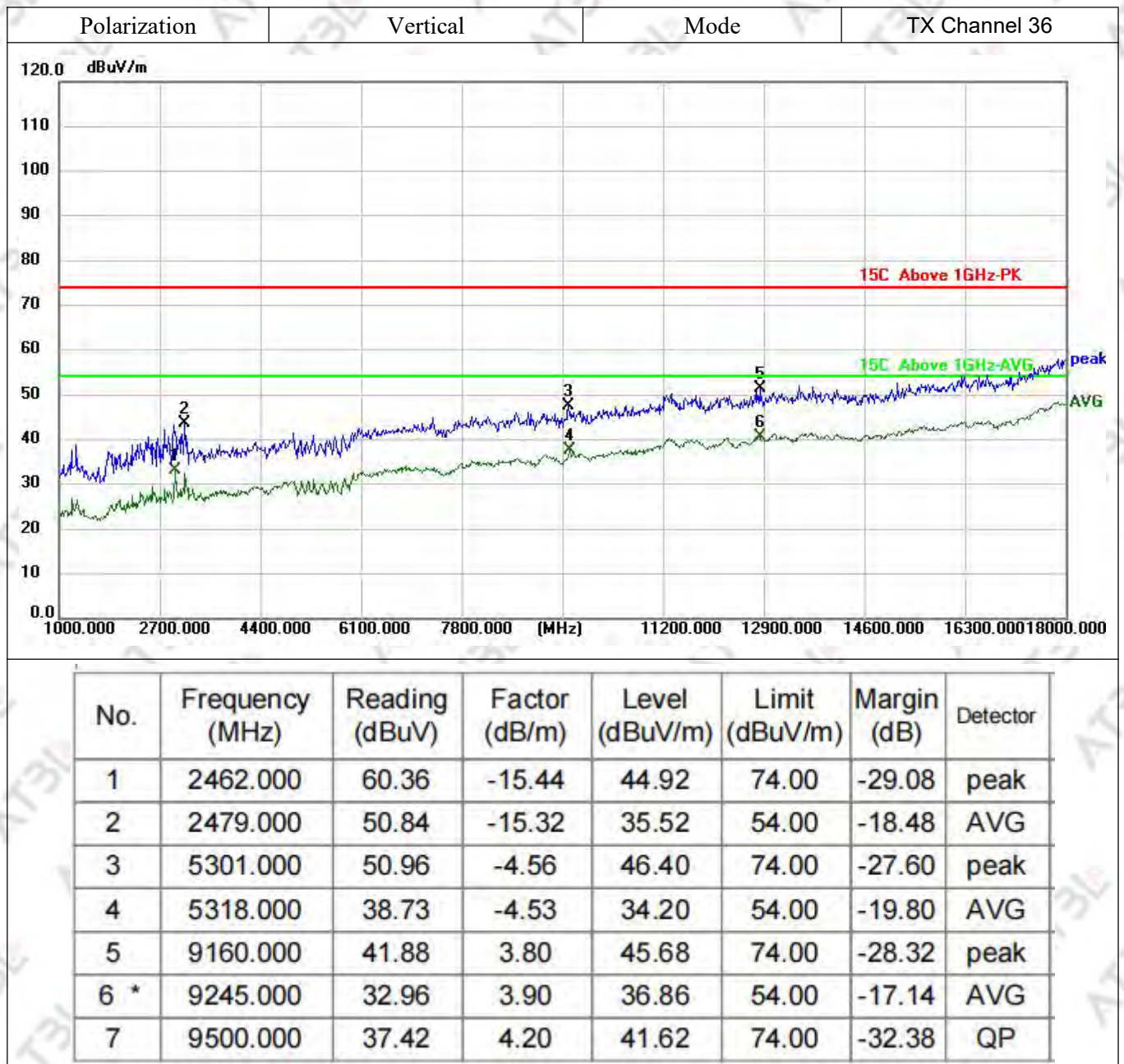


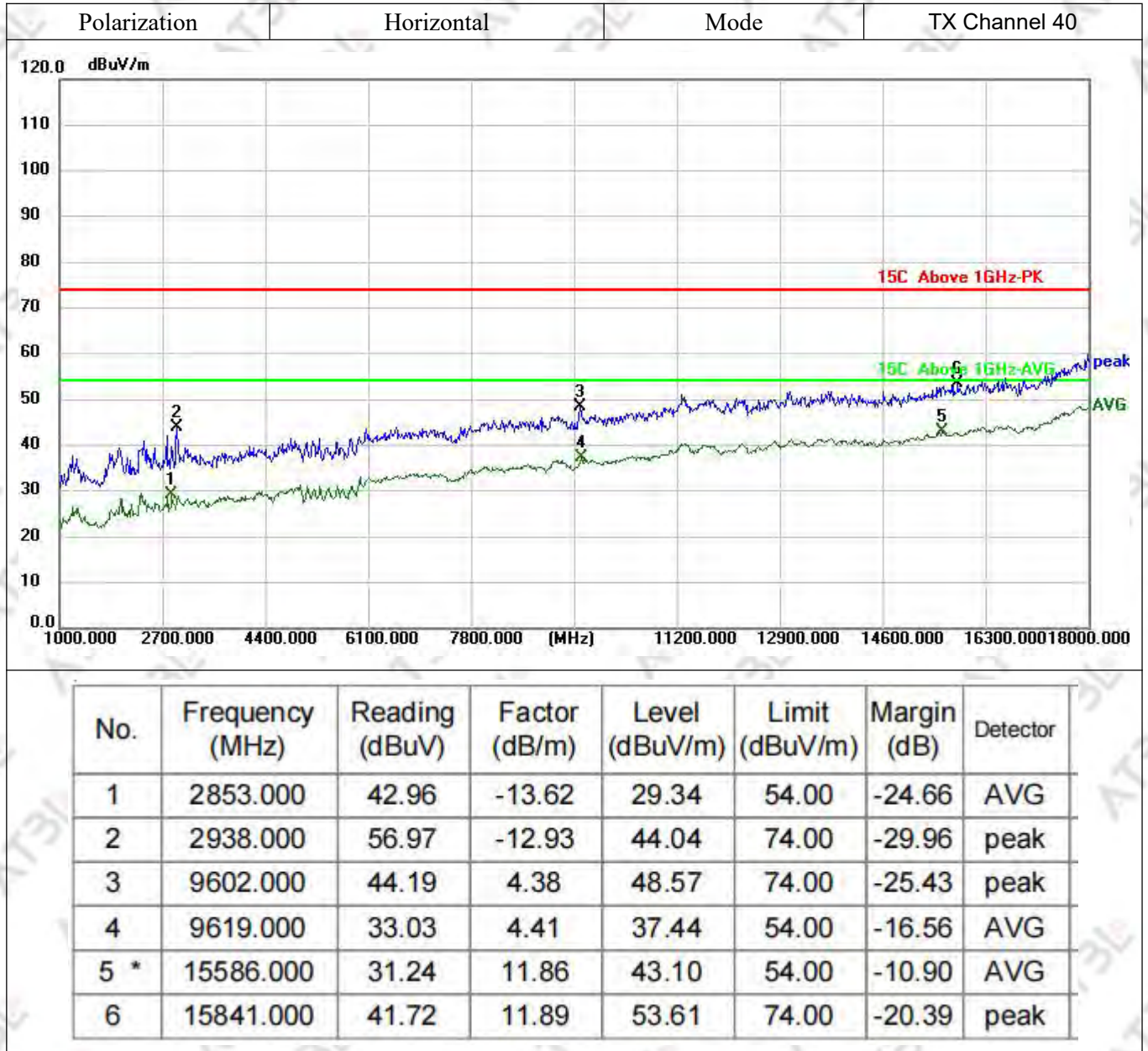


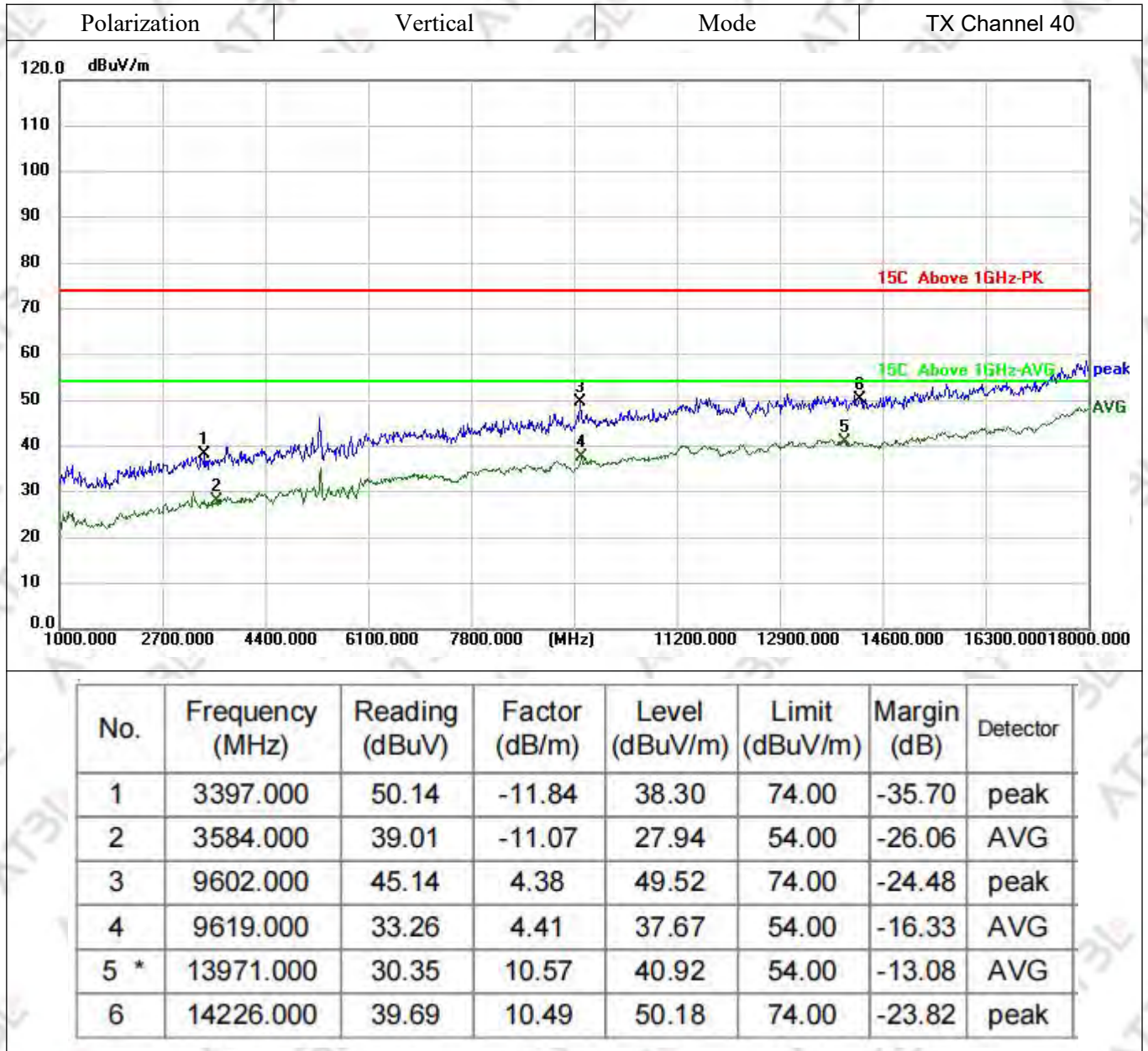


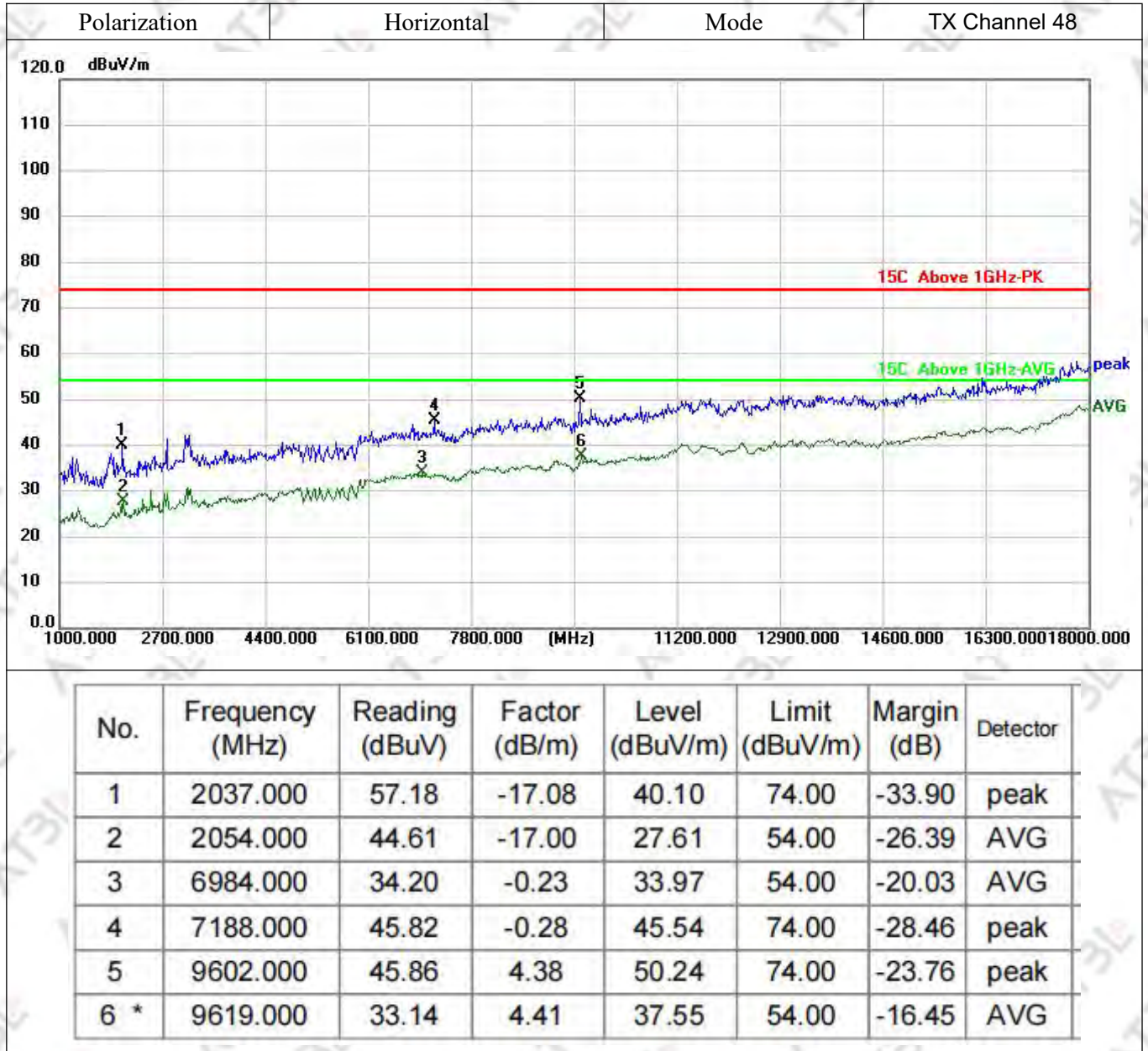
802.11n (20MHz)

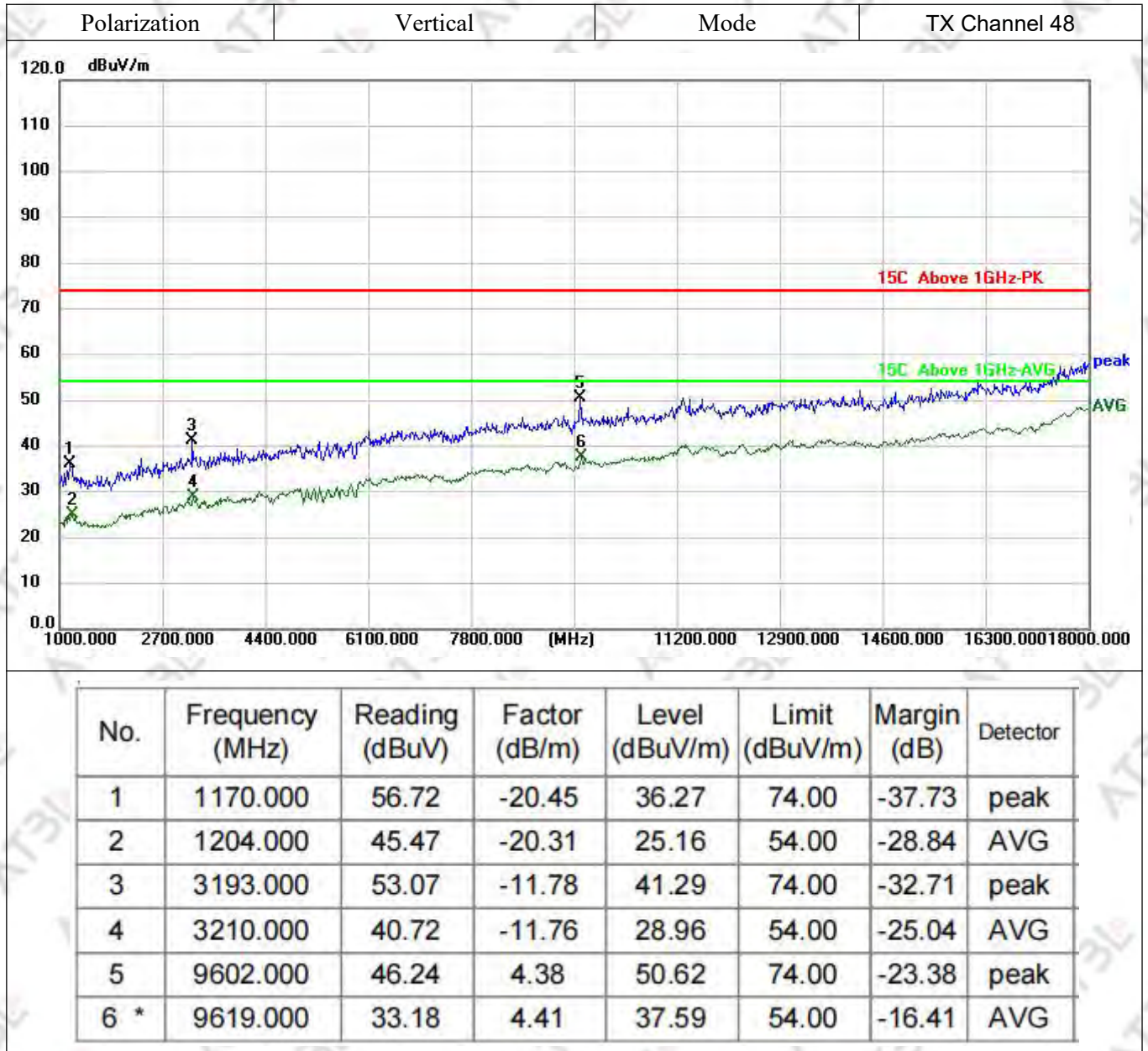




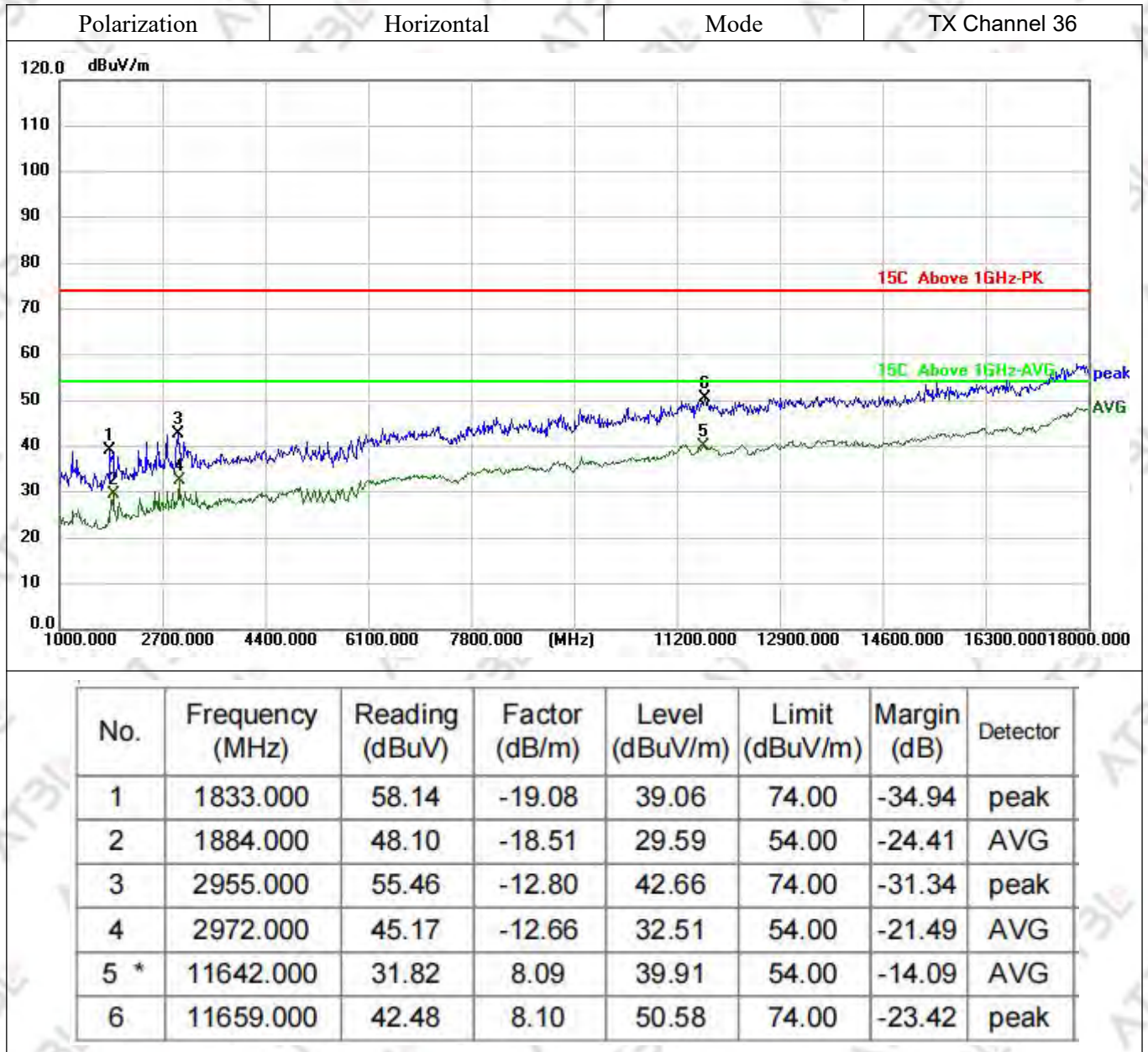


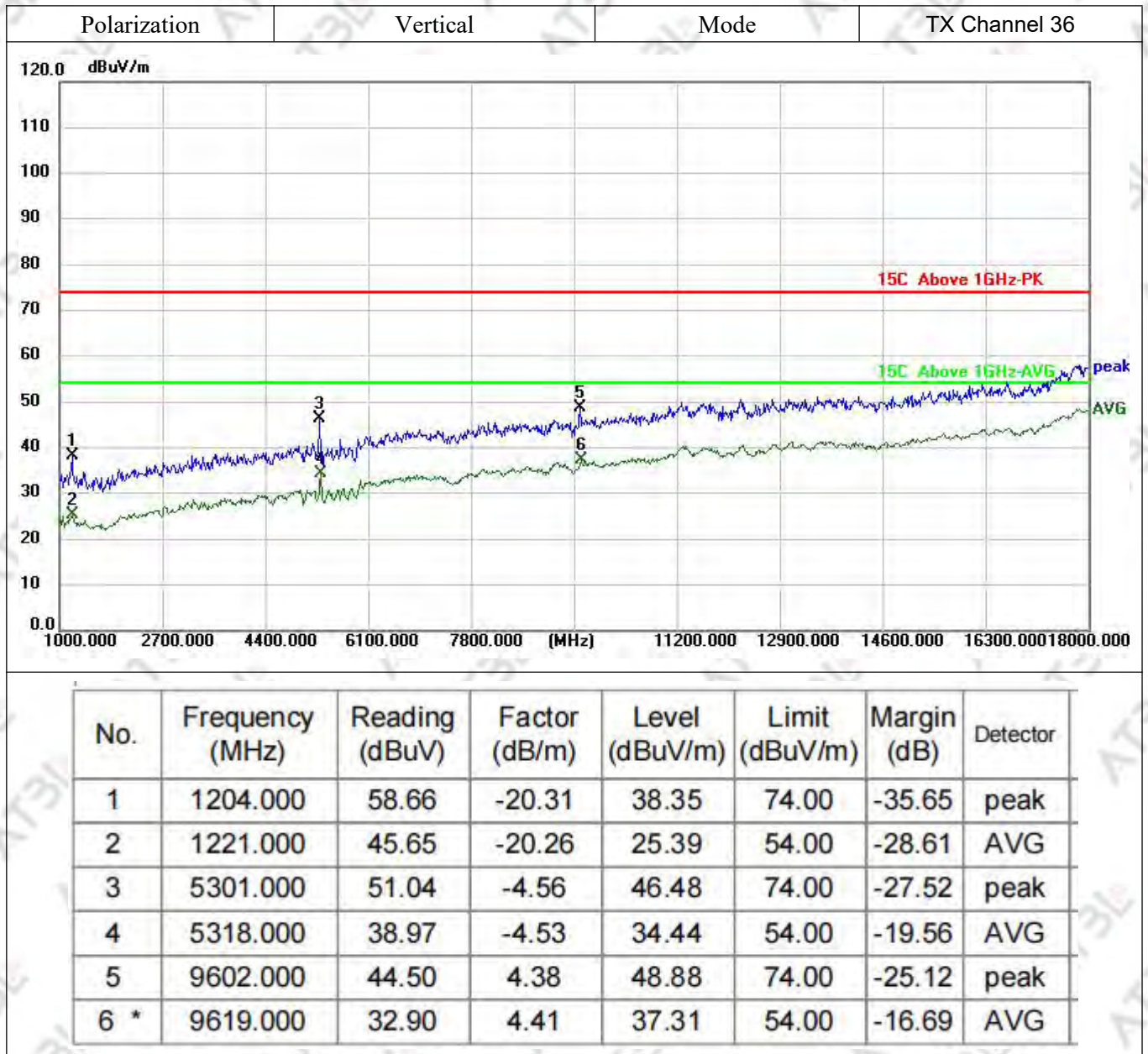


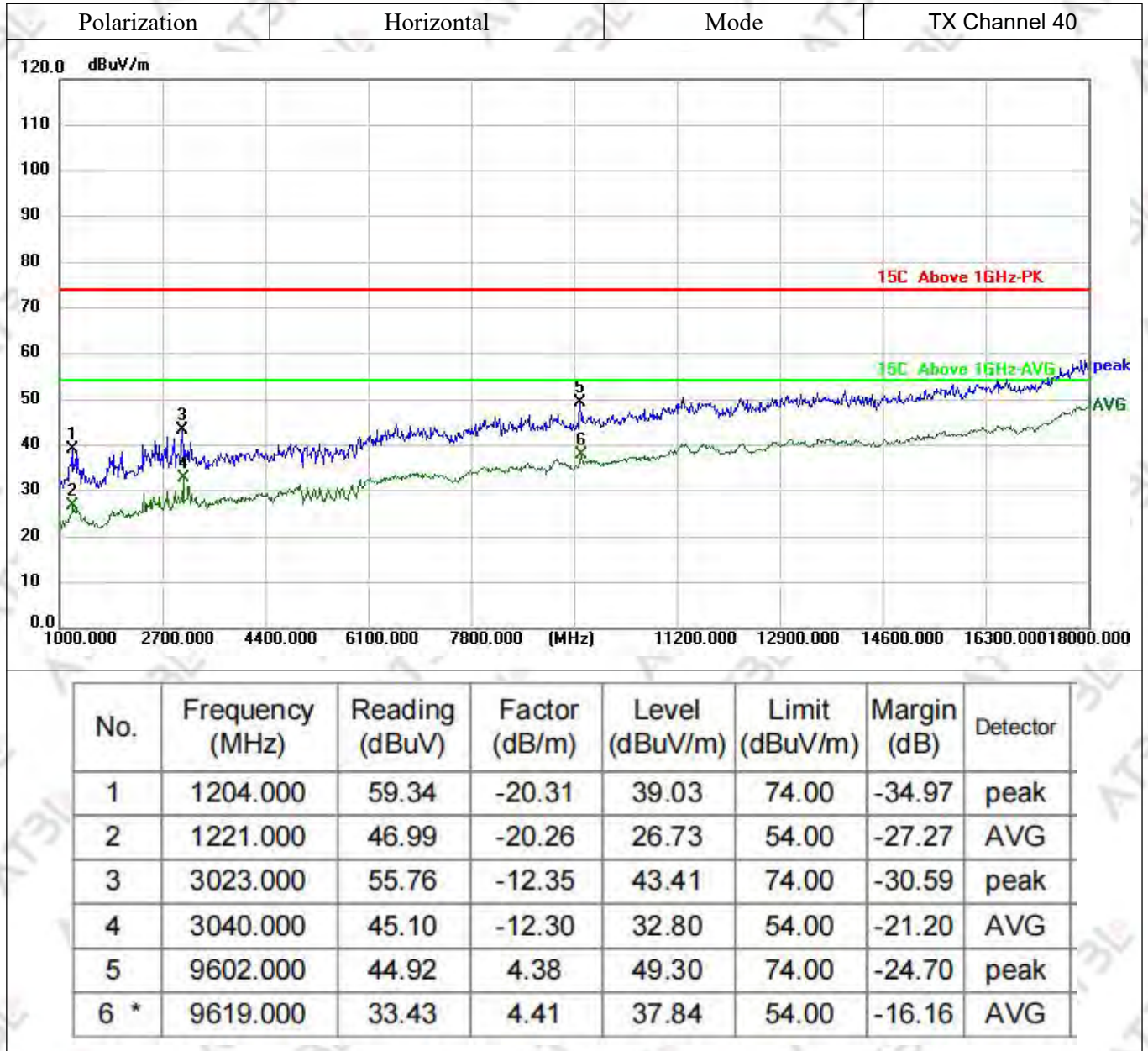


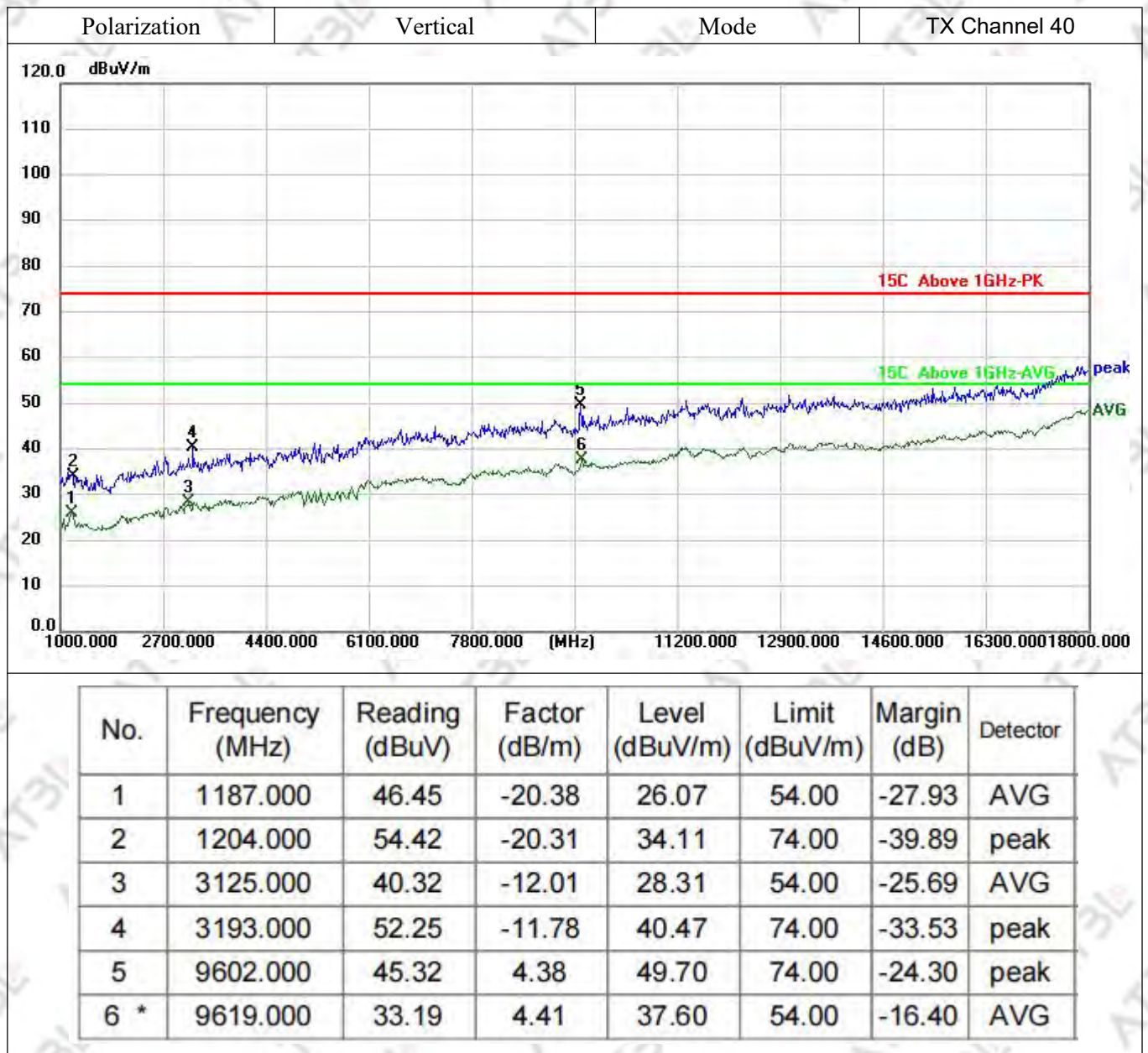


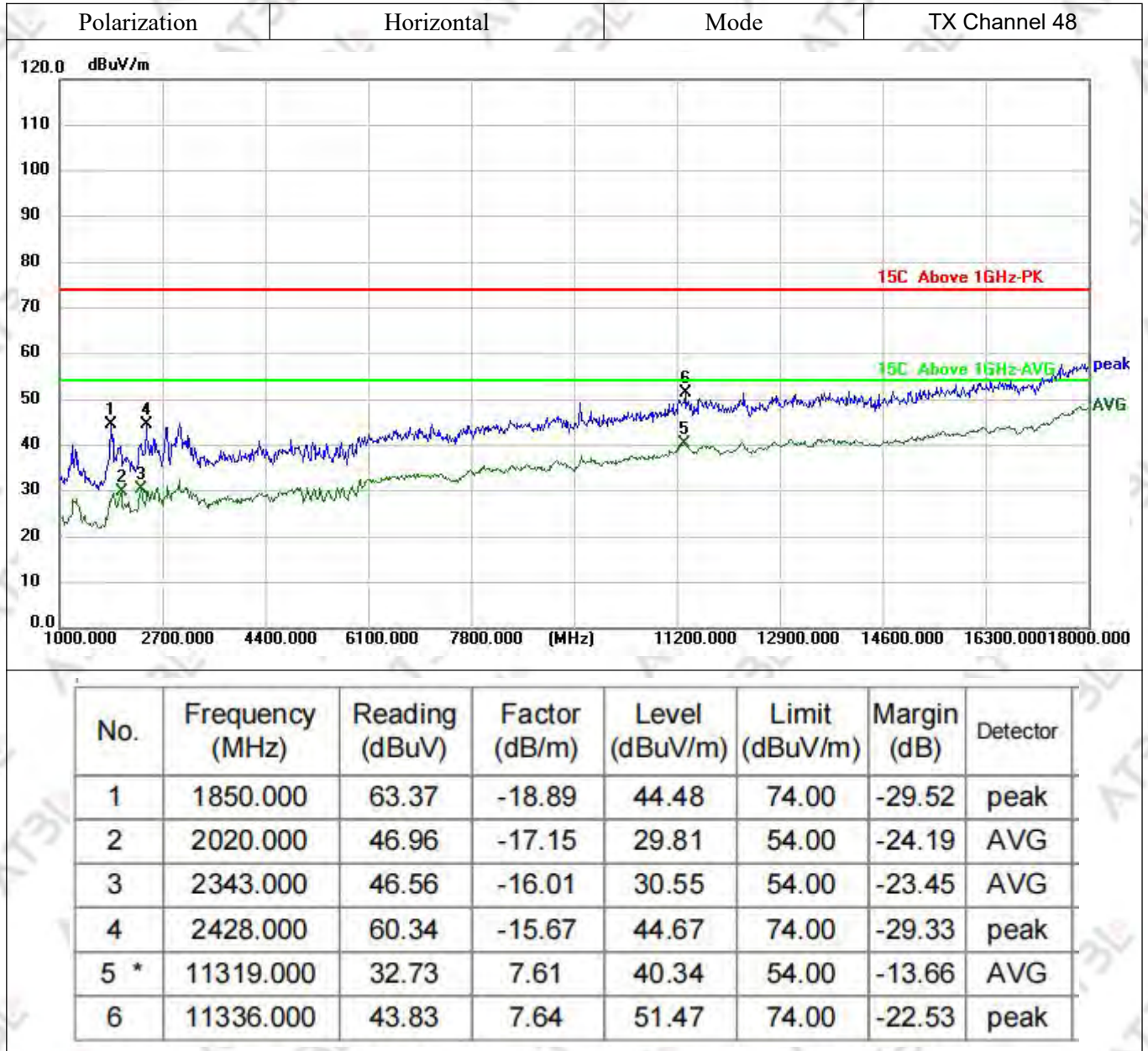
802.11ac (20MHz)

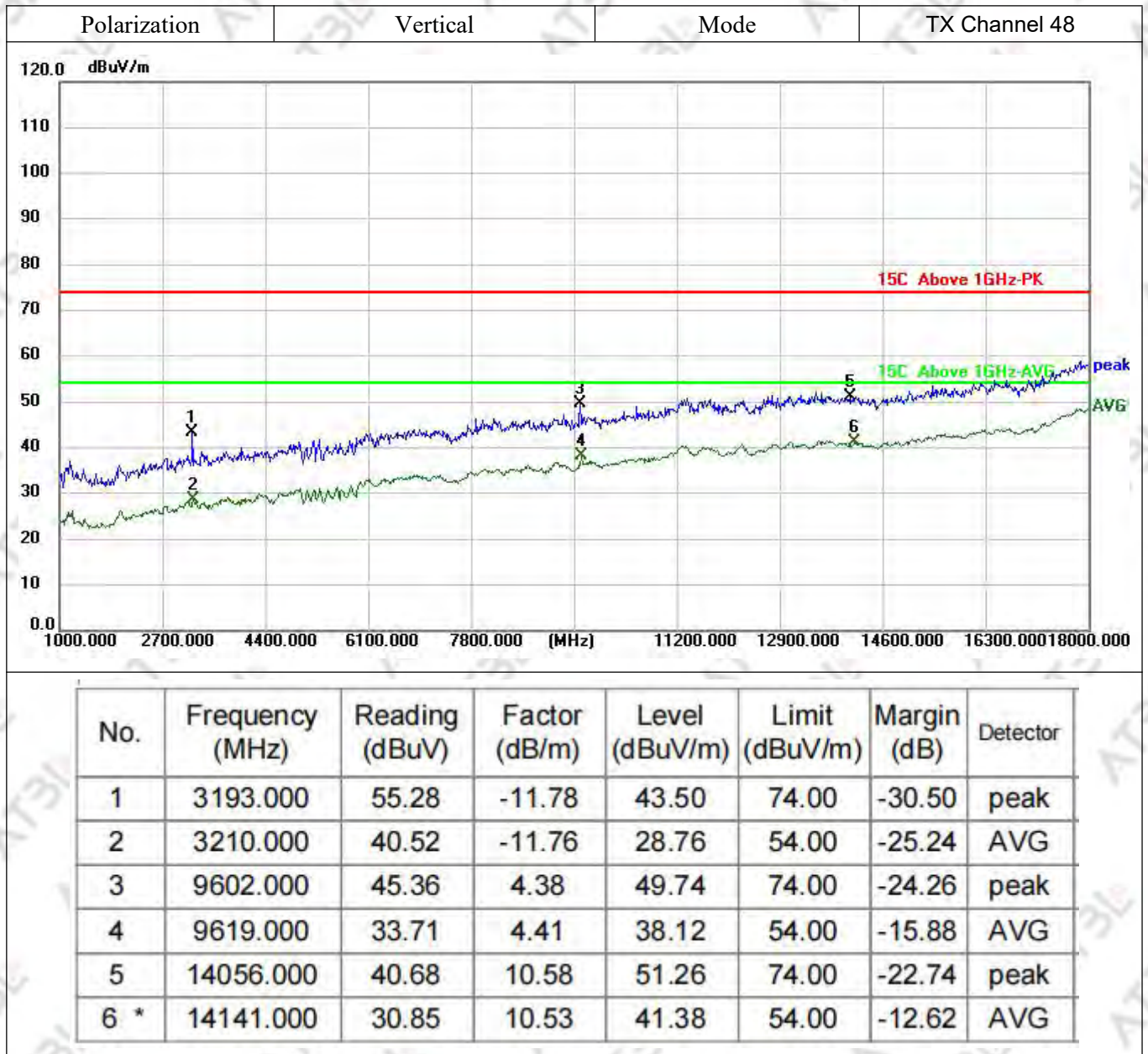




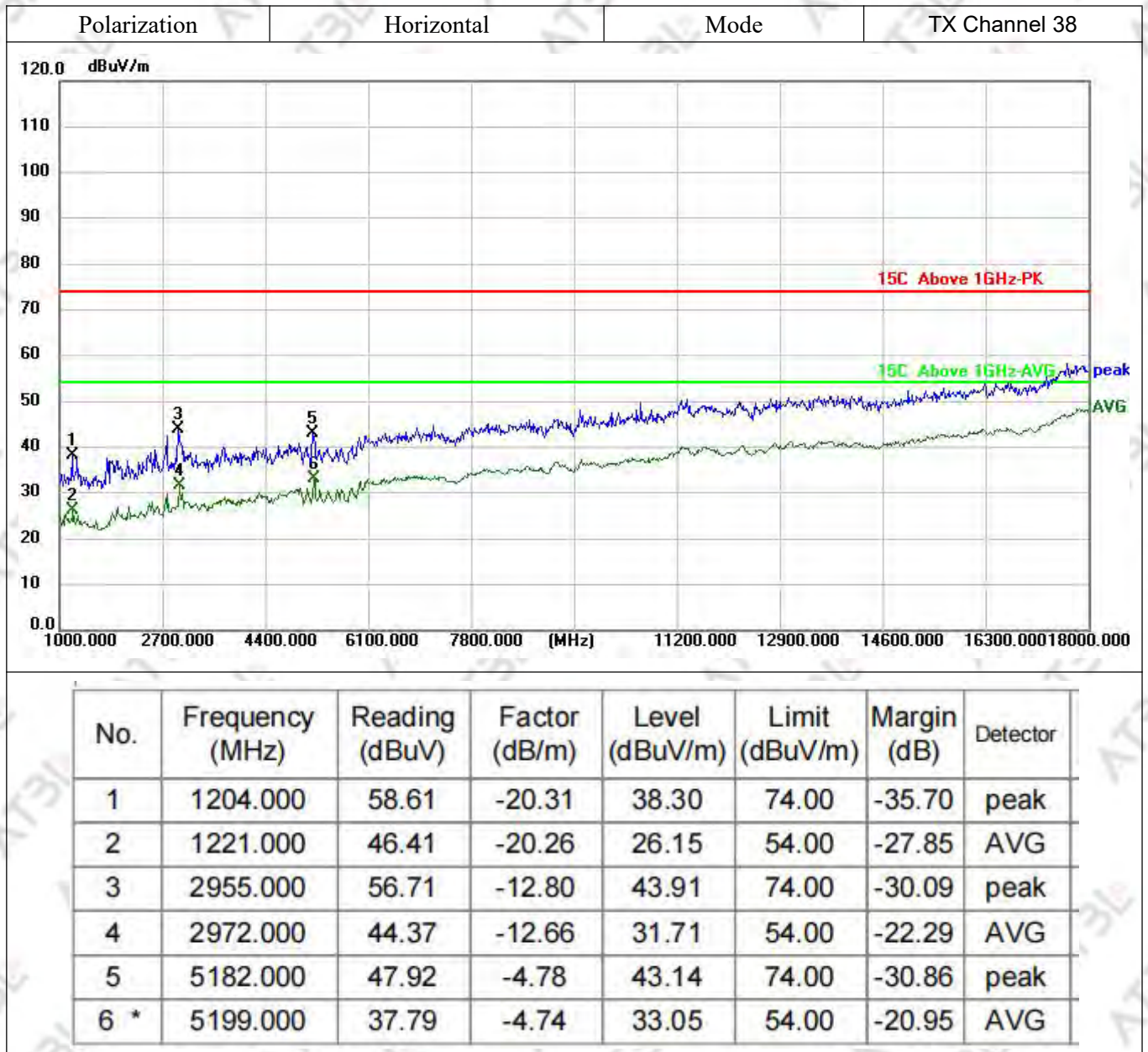


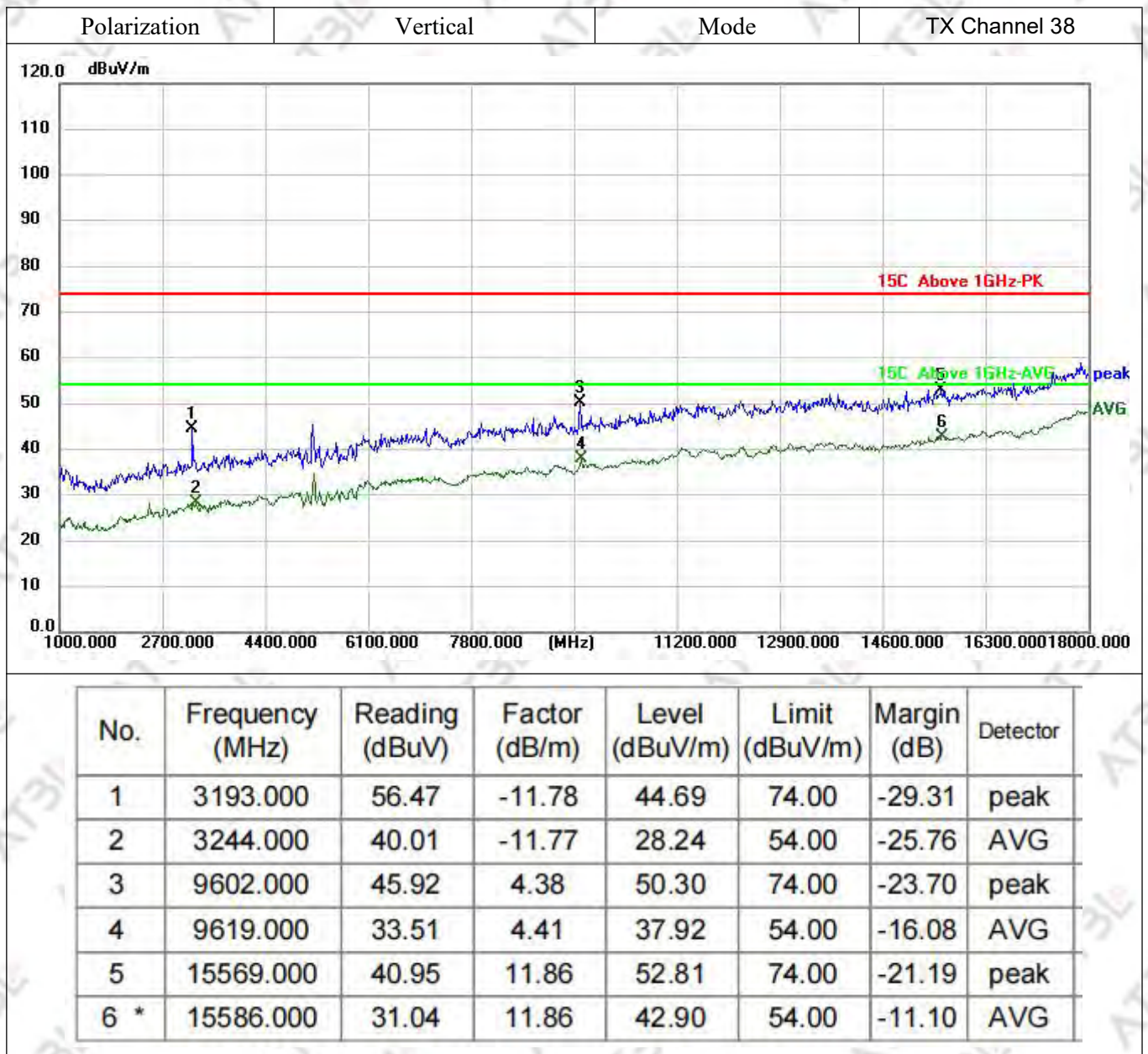


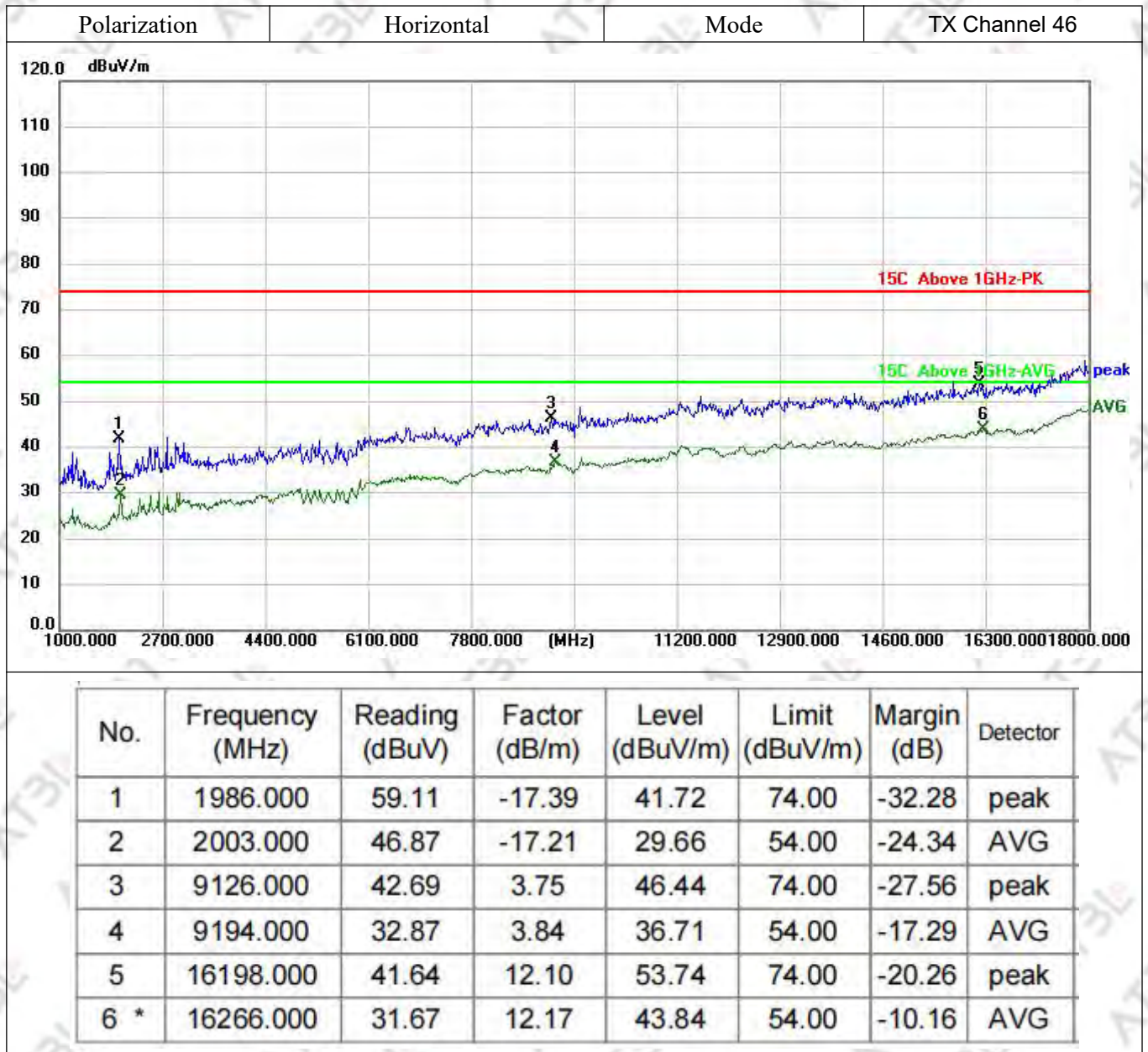


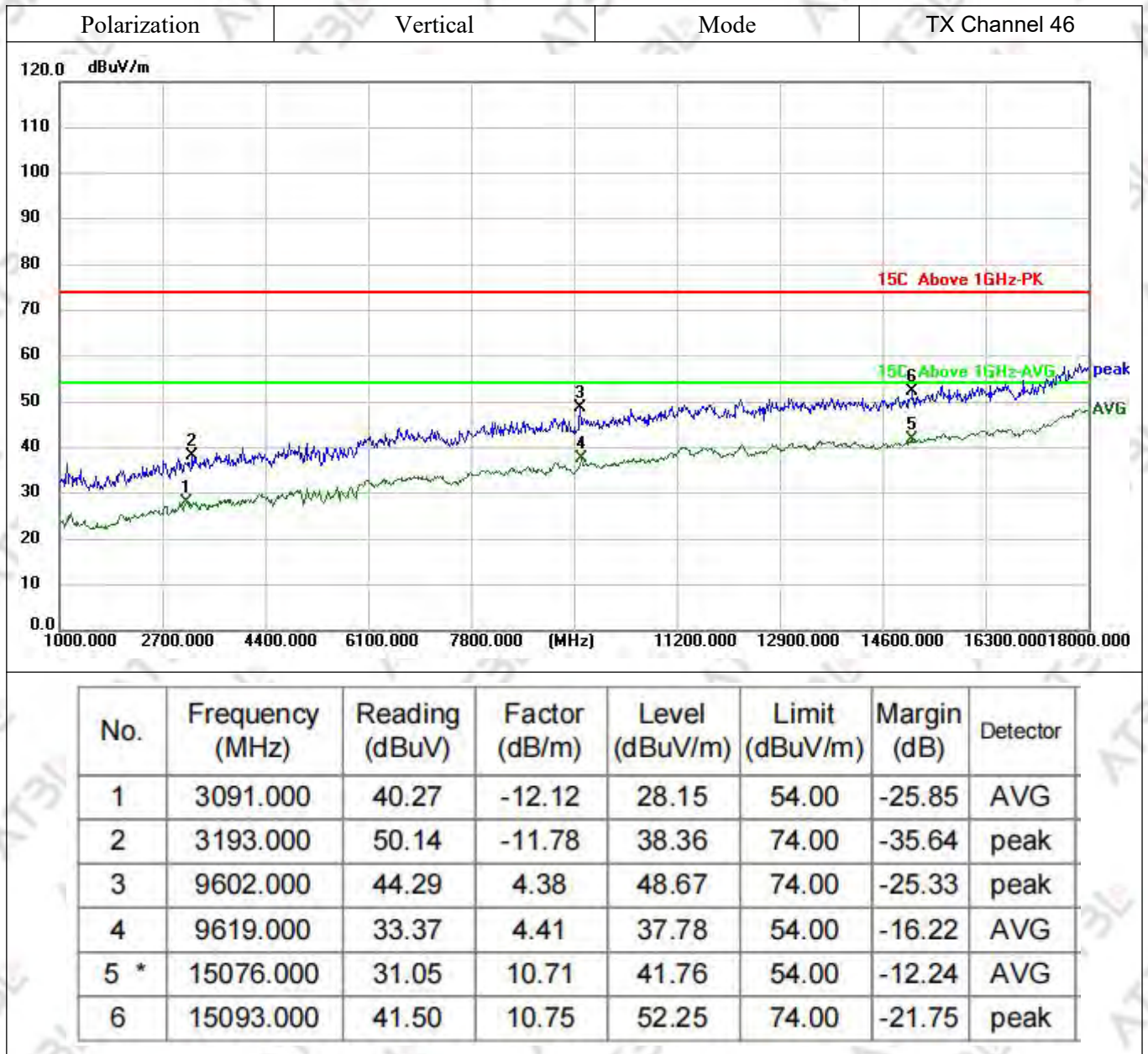


802.11n (40MHz)

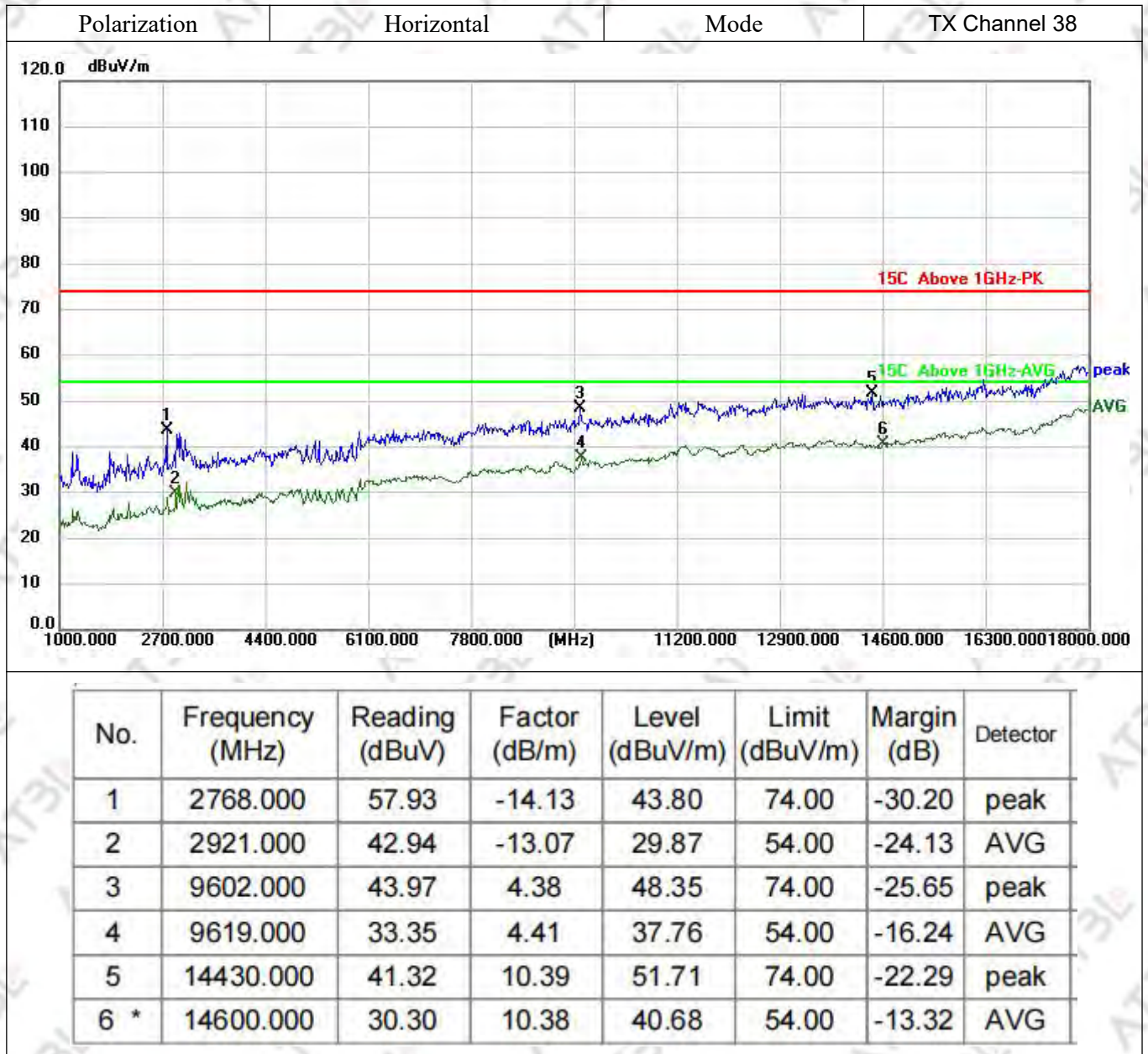


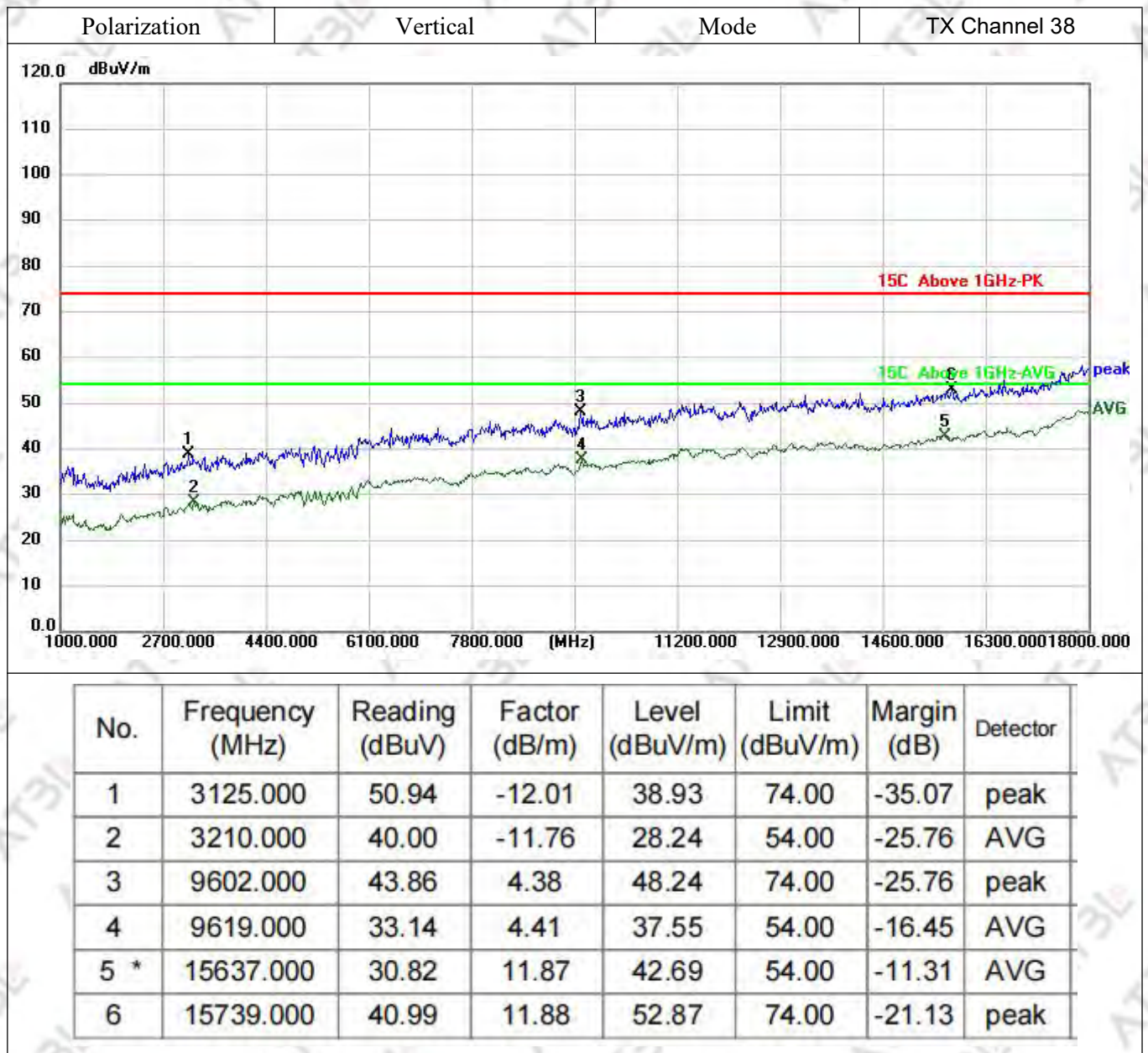


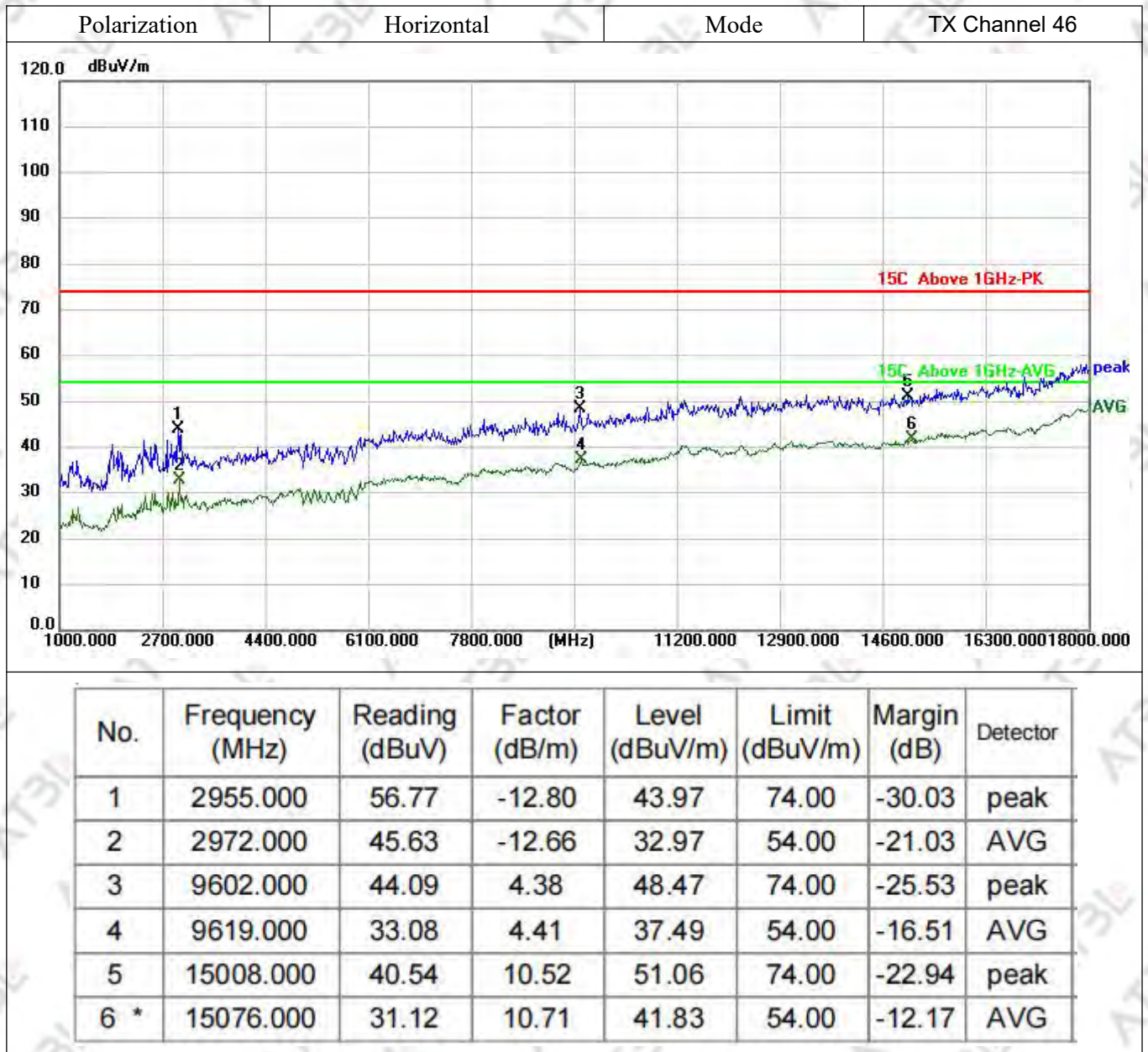


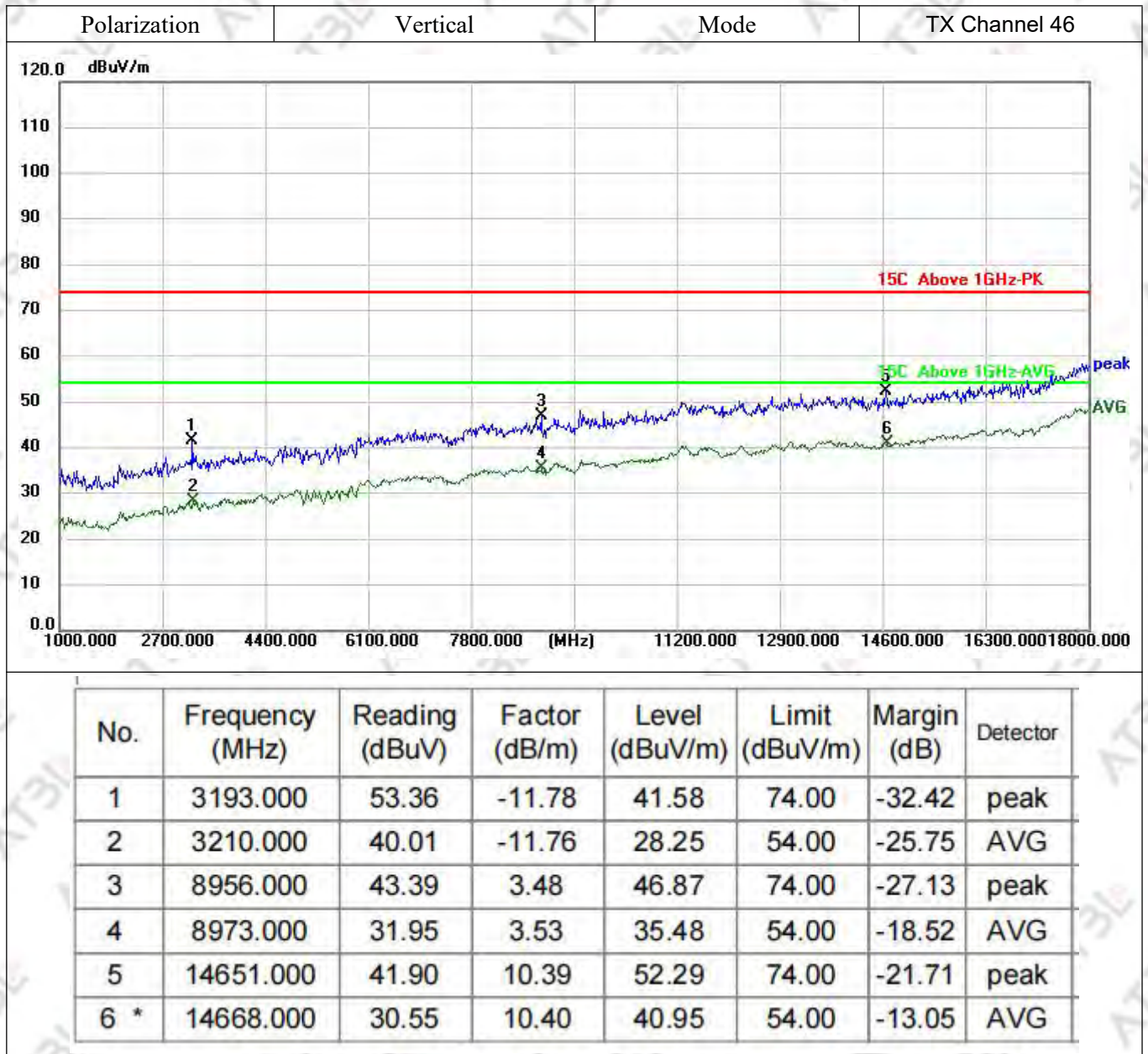


802.11ac (40MHz)

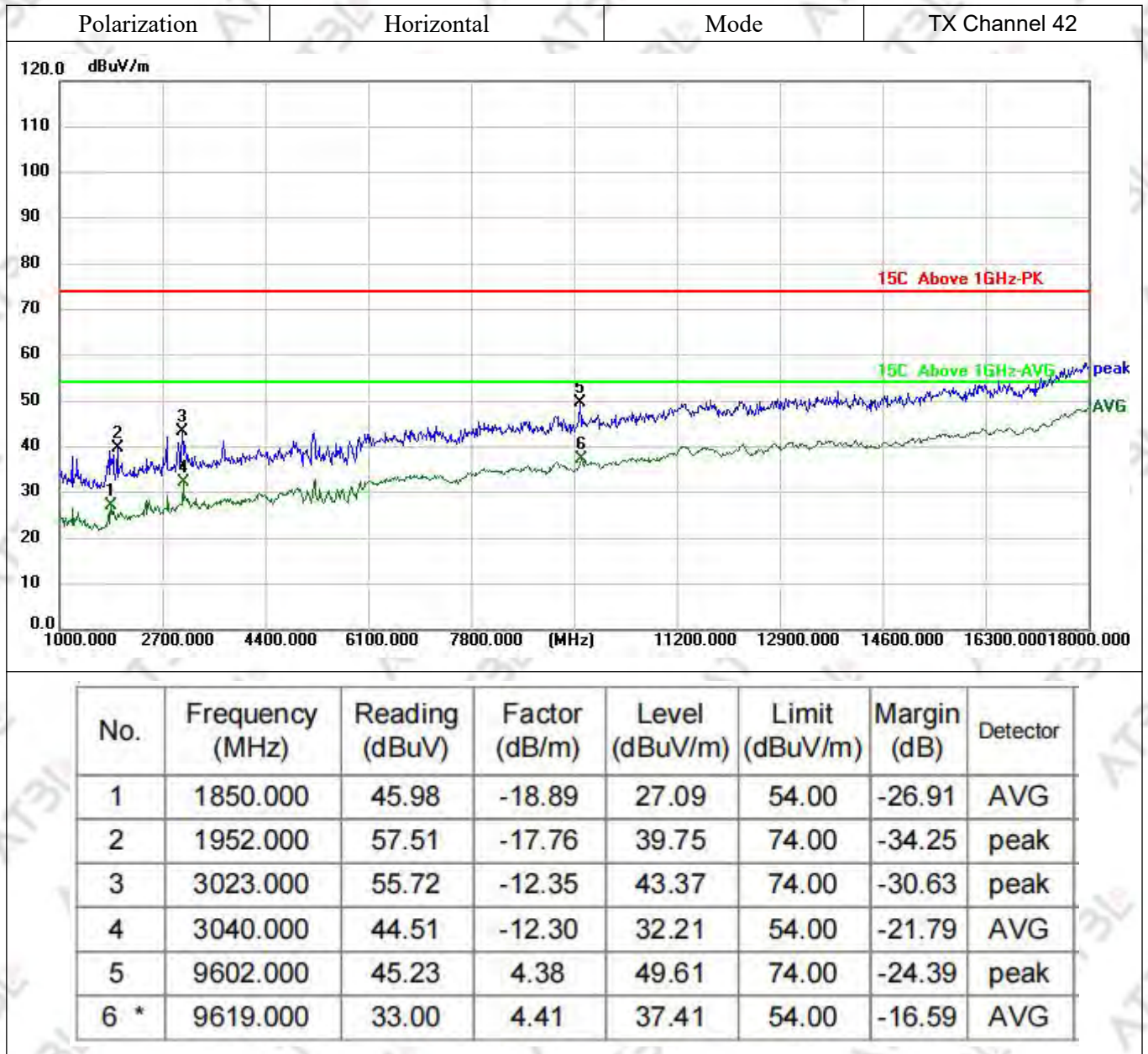


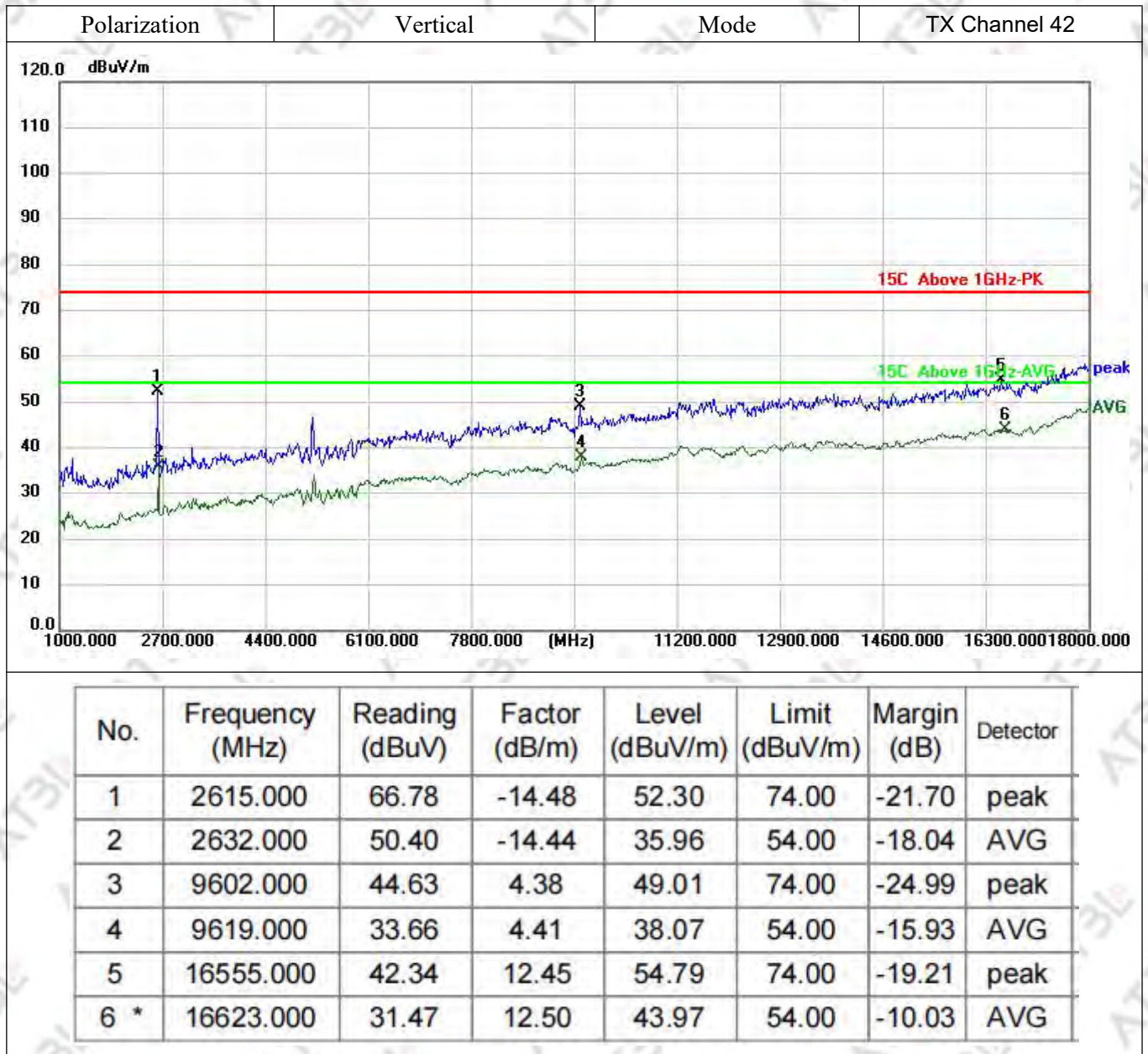






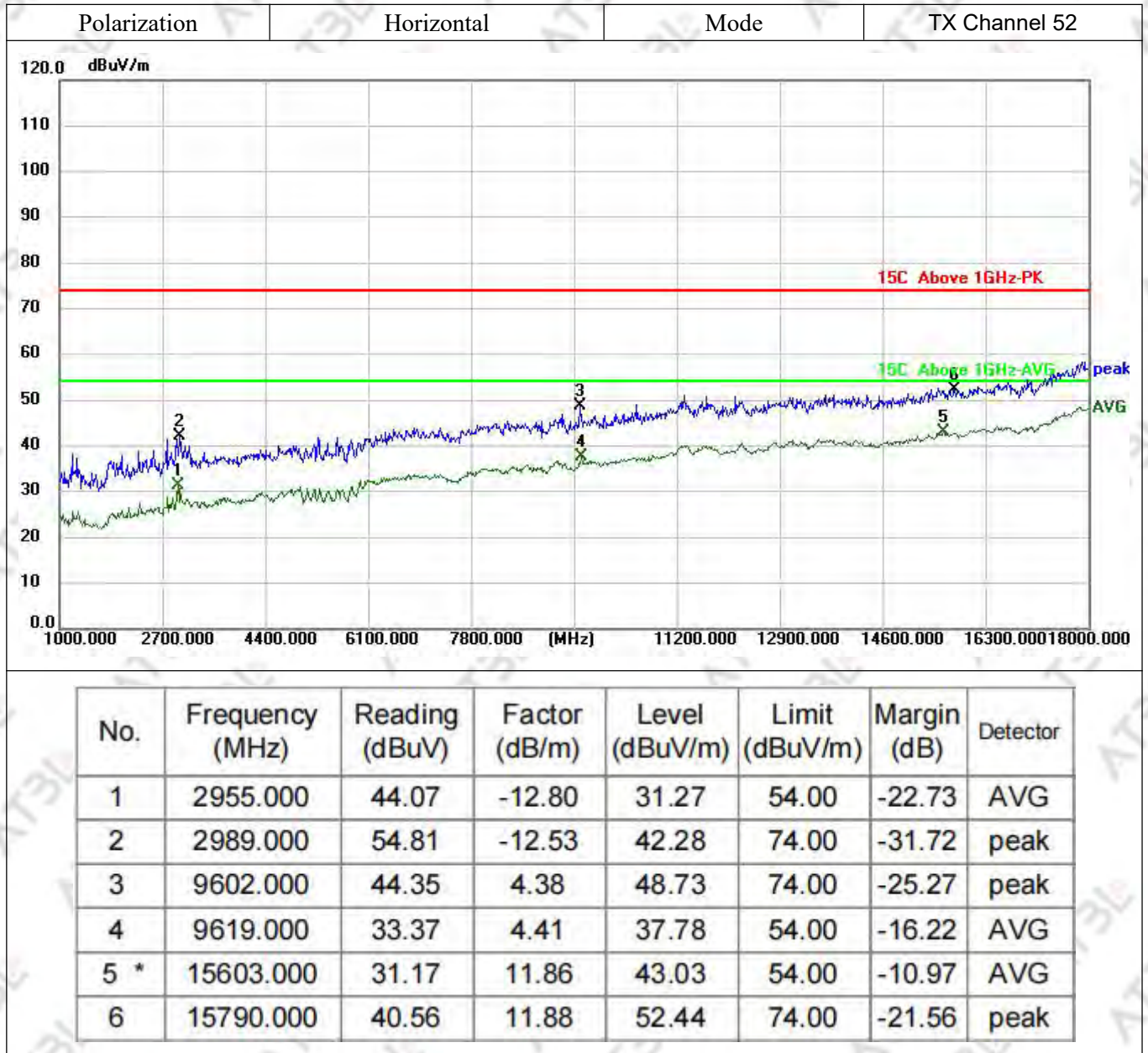
802.11ac (80MHz)

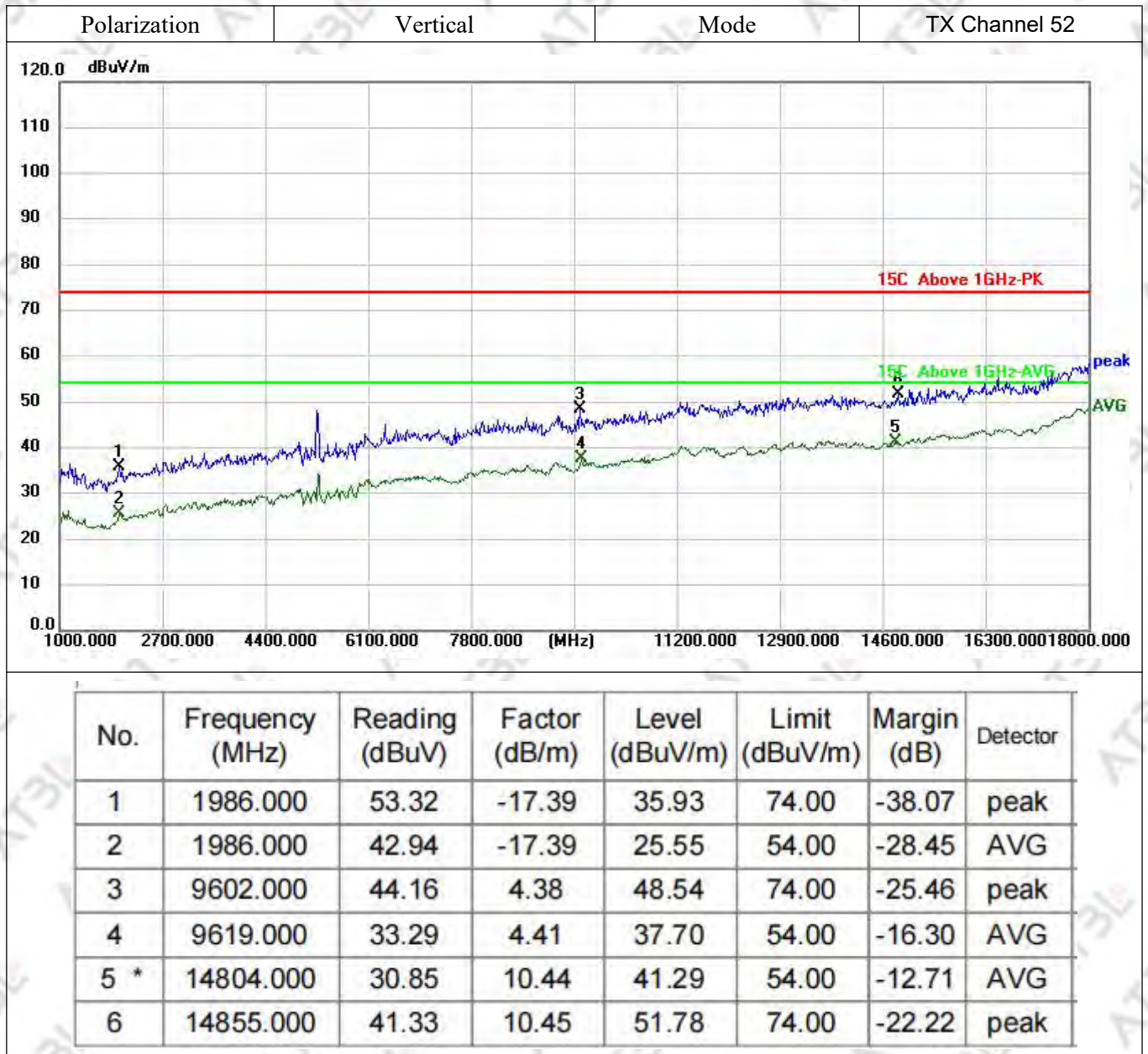


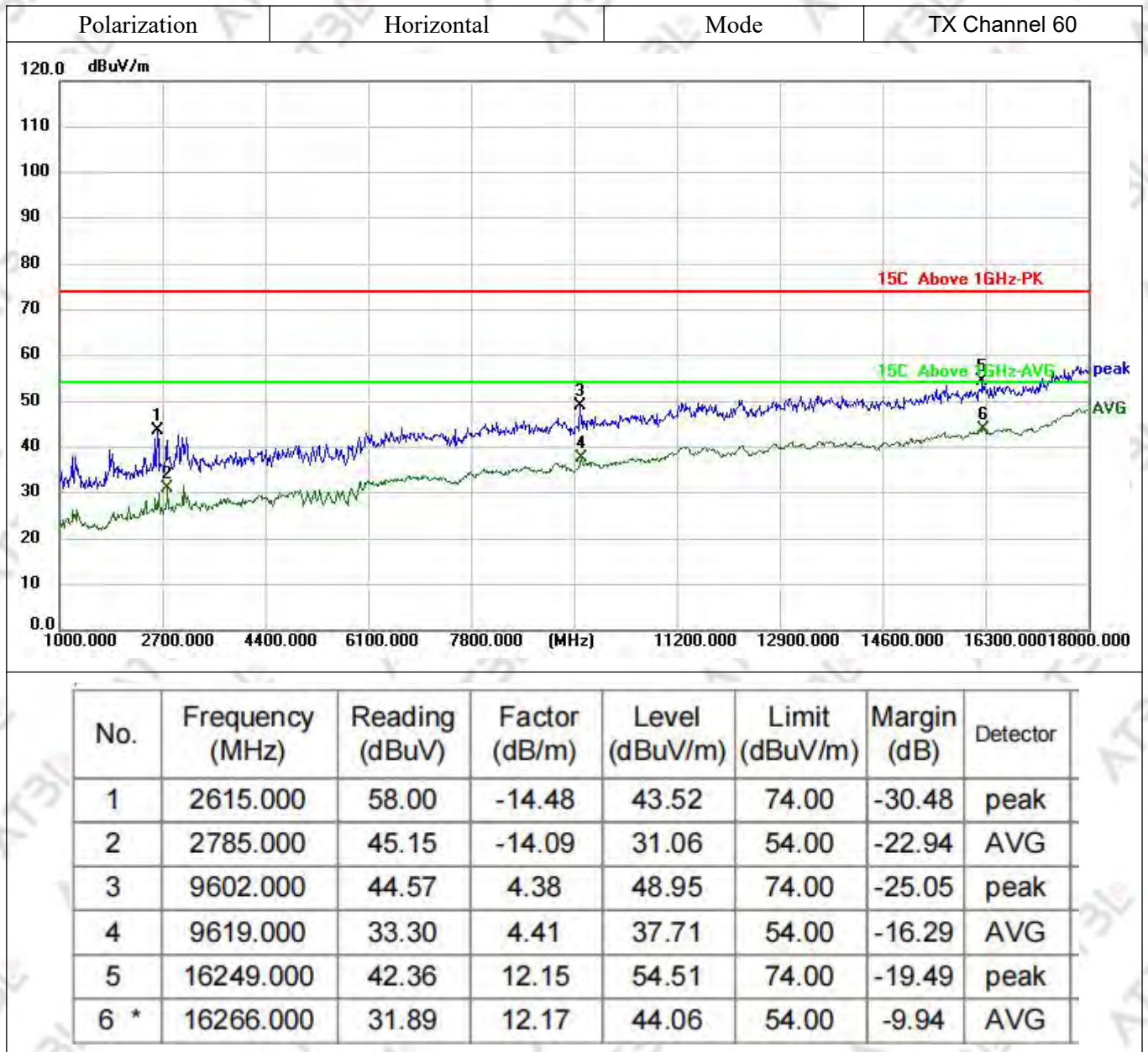


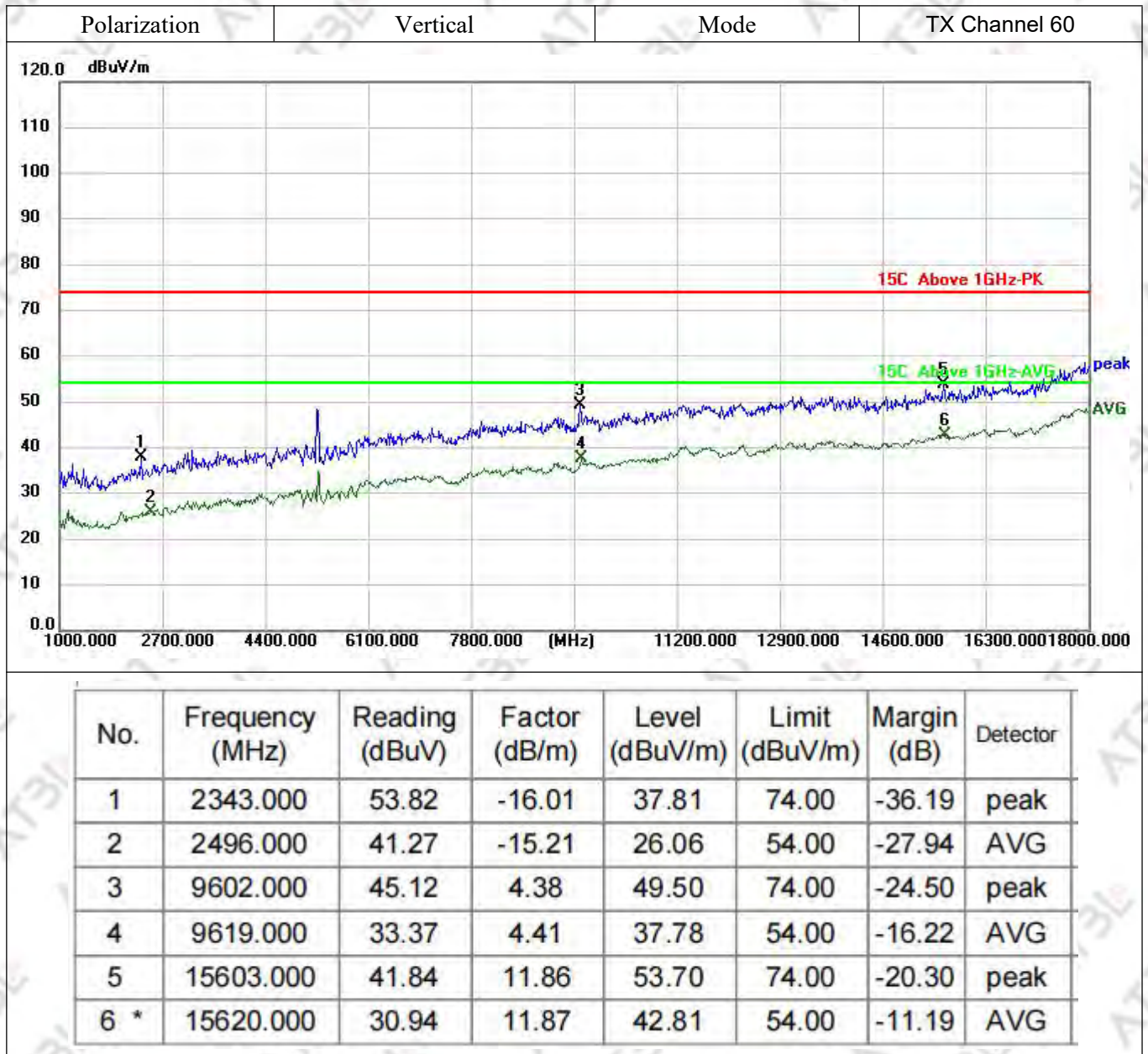
Band 2 (5250-5350MHz):

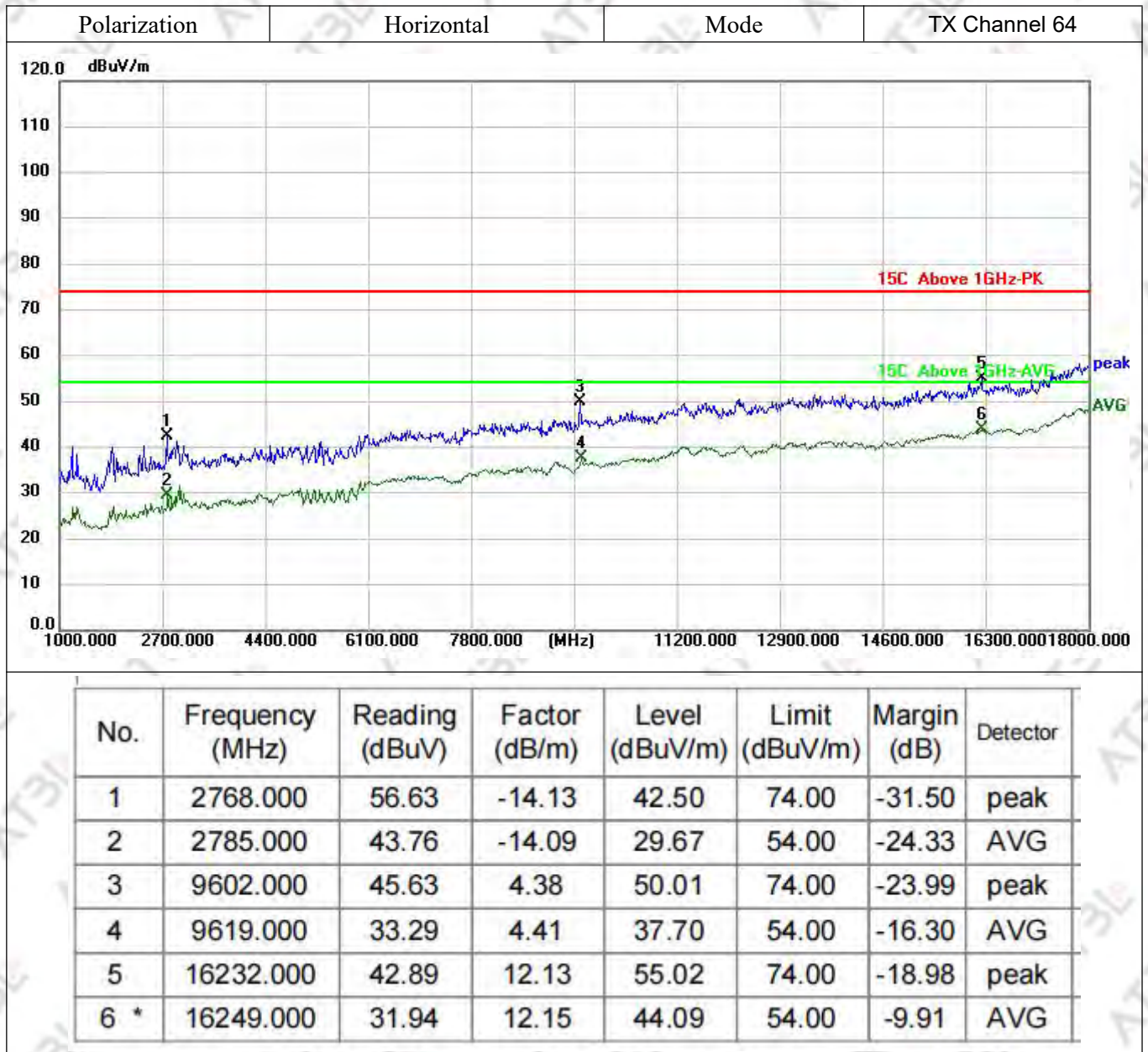
802.11a

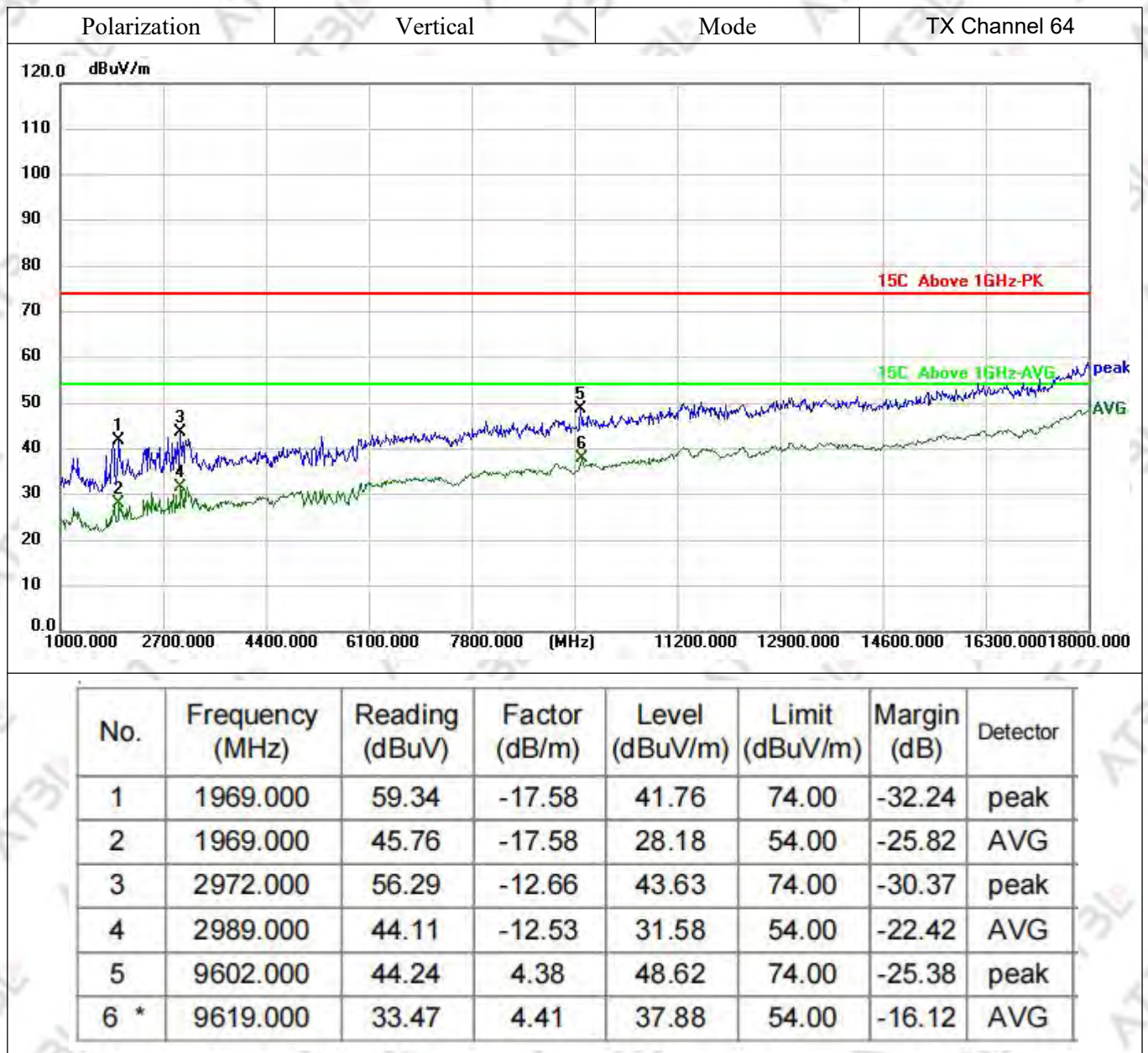




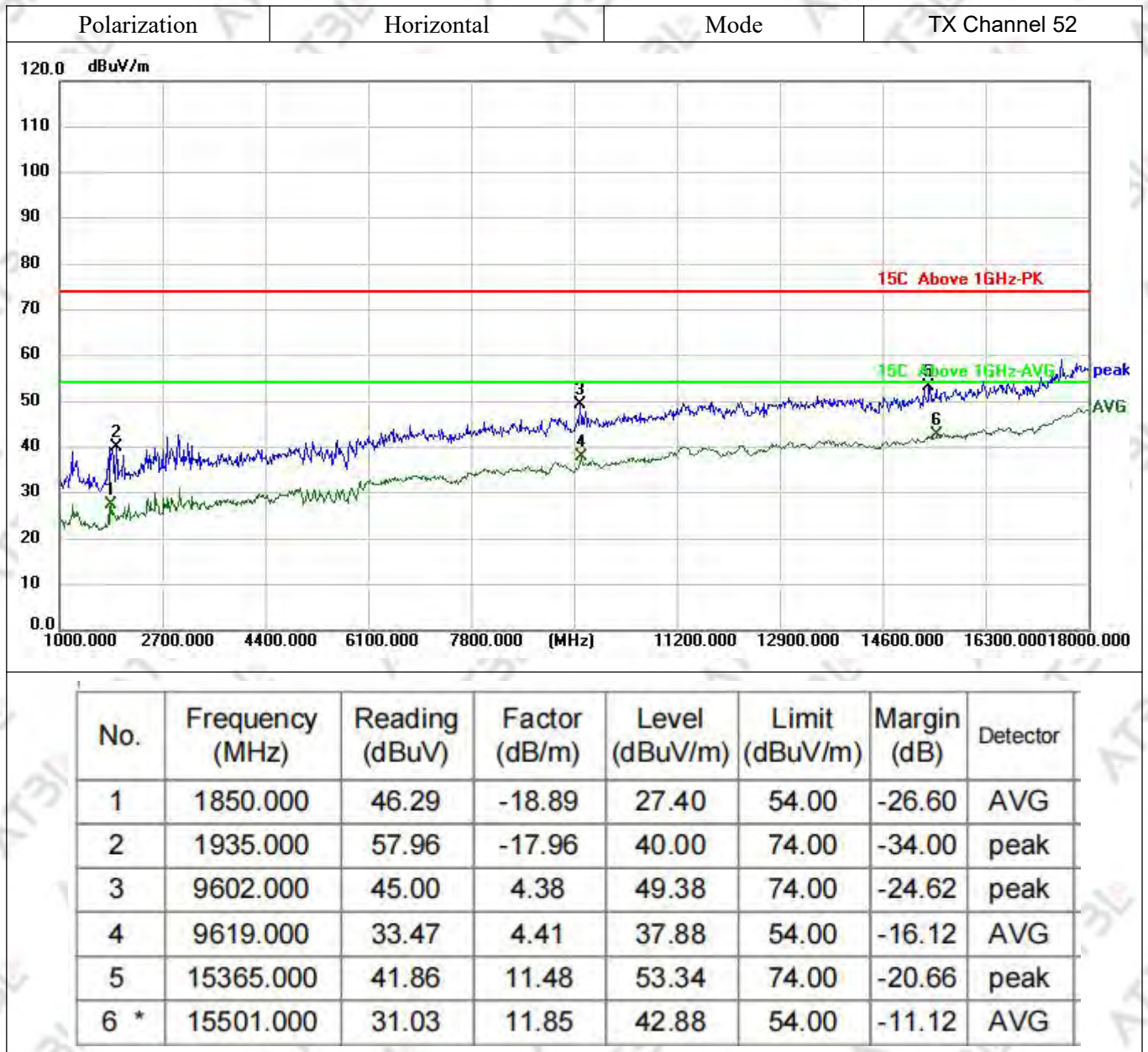


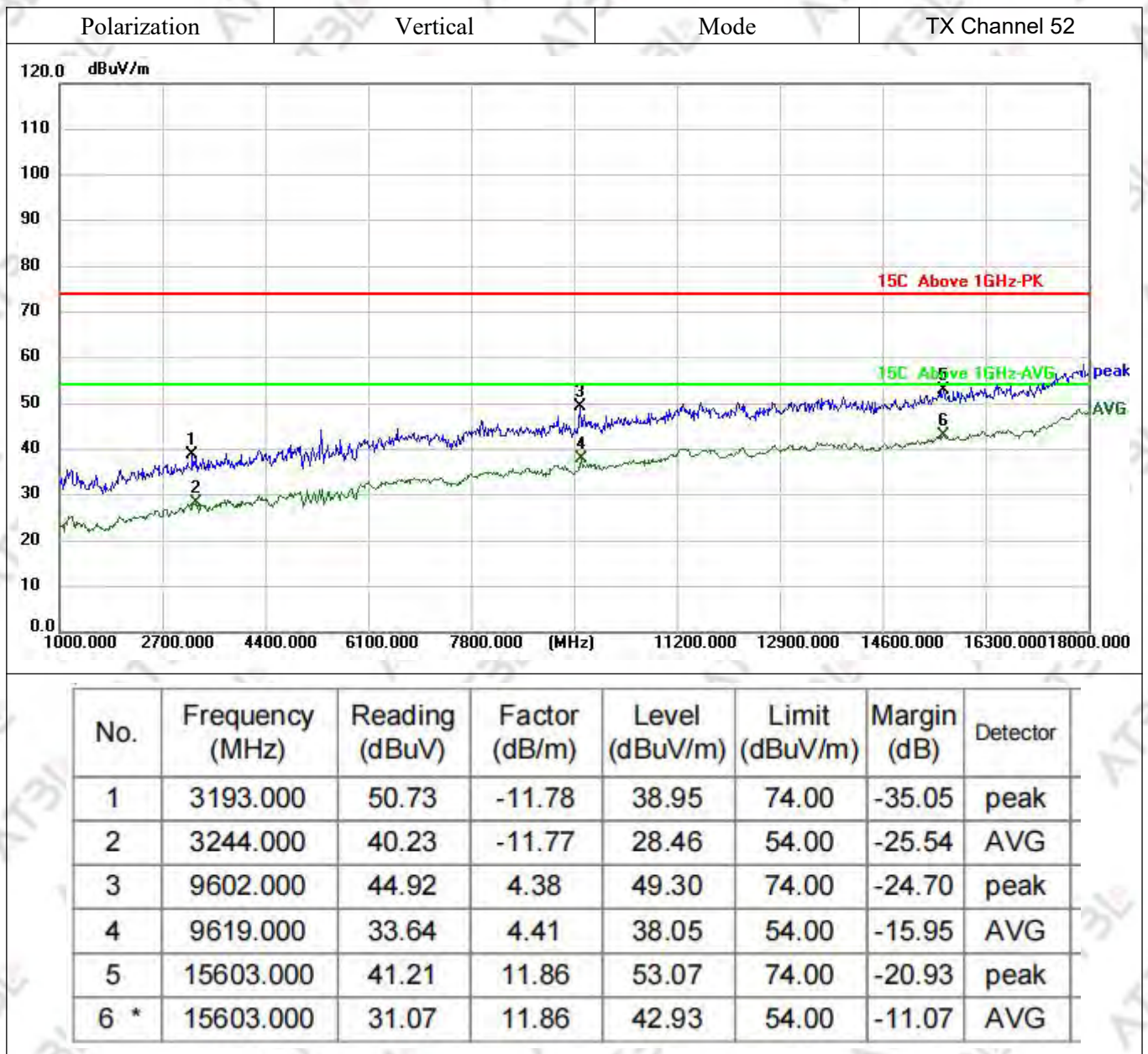


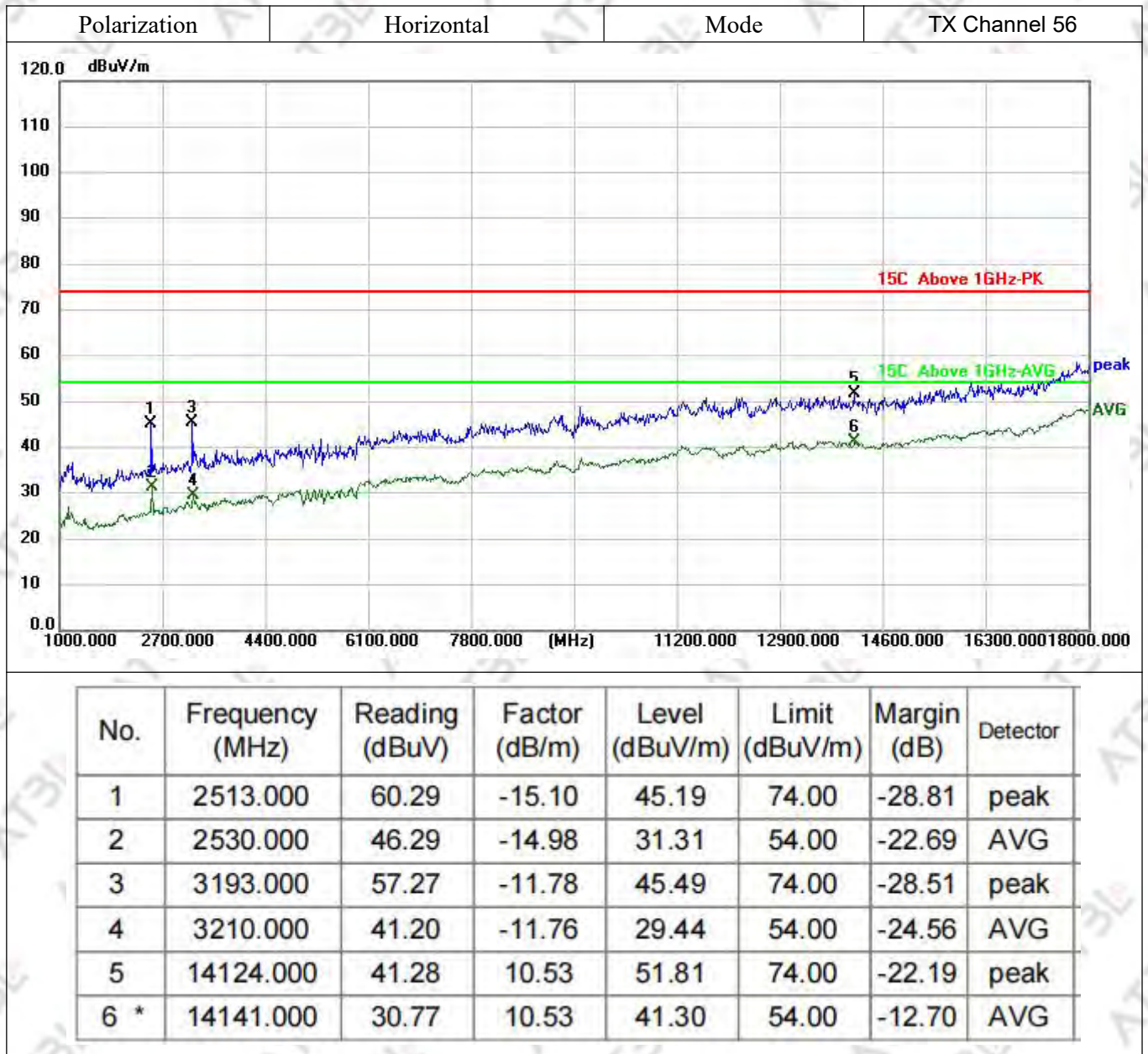


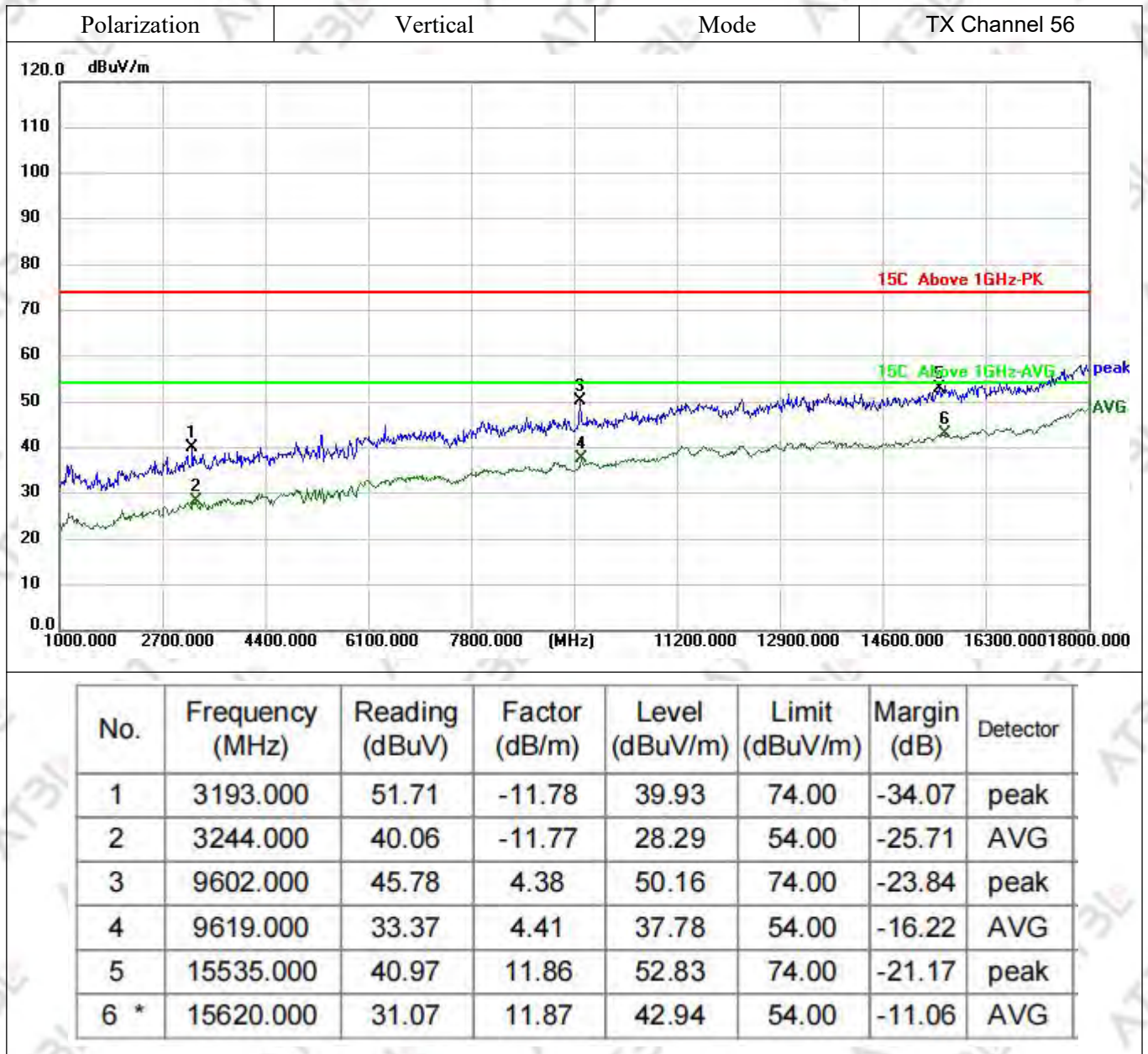


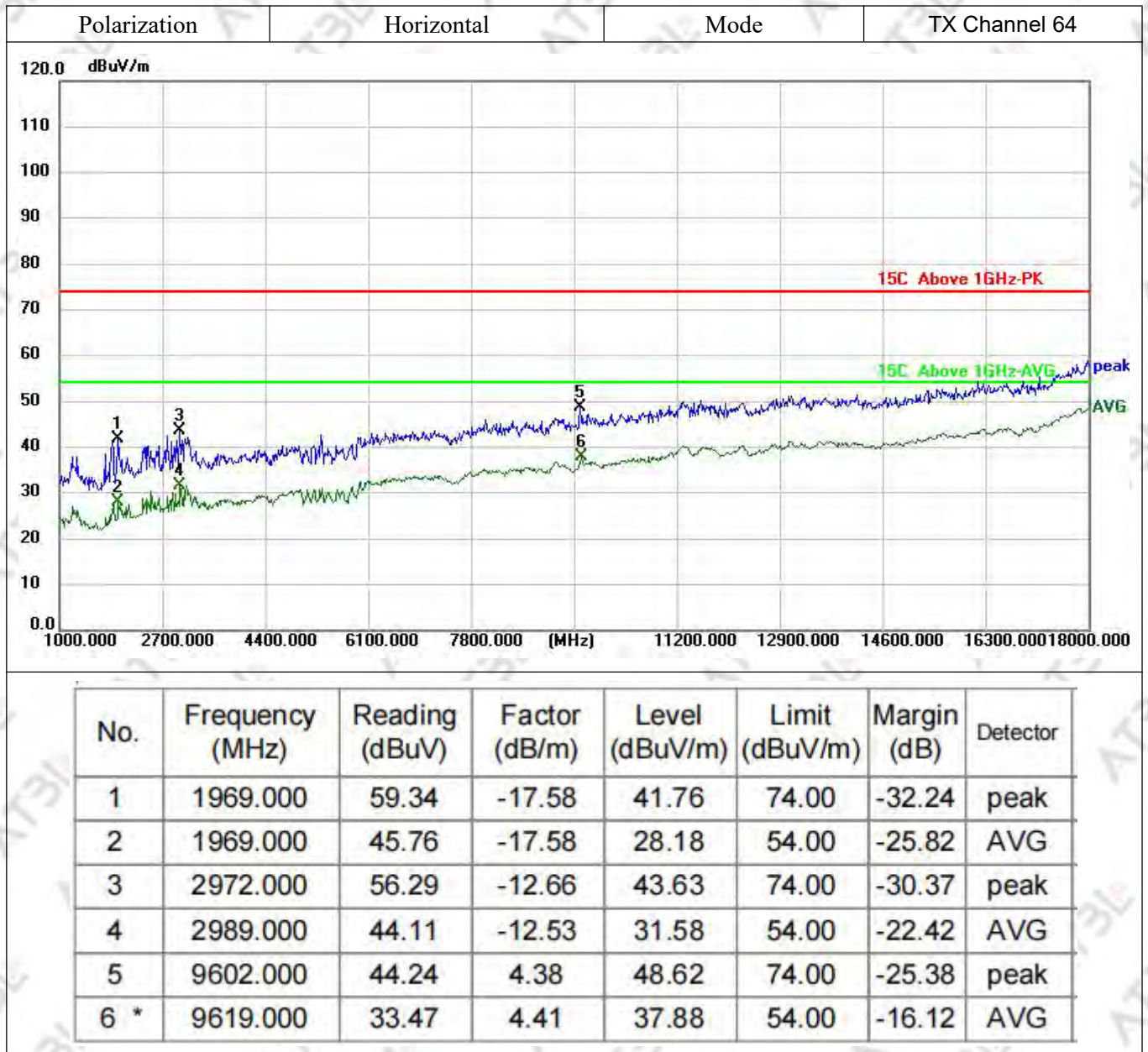
802.11n (20MHz)

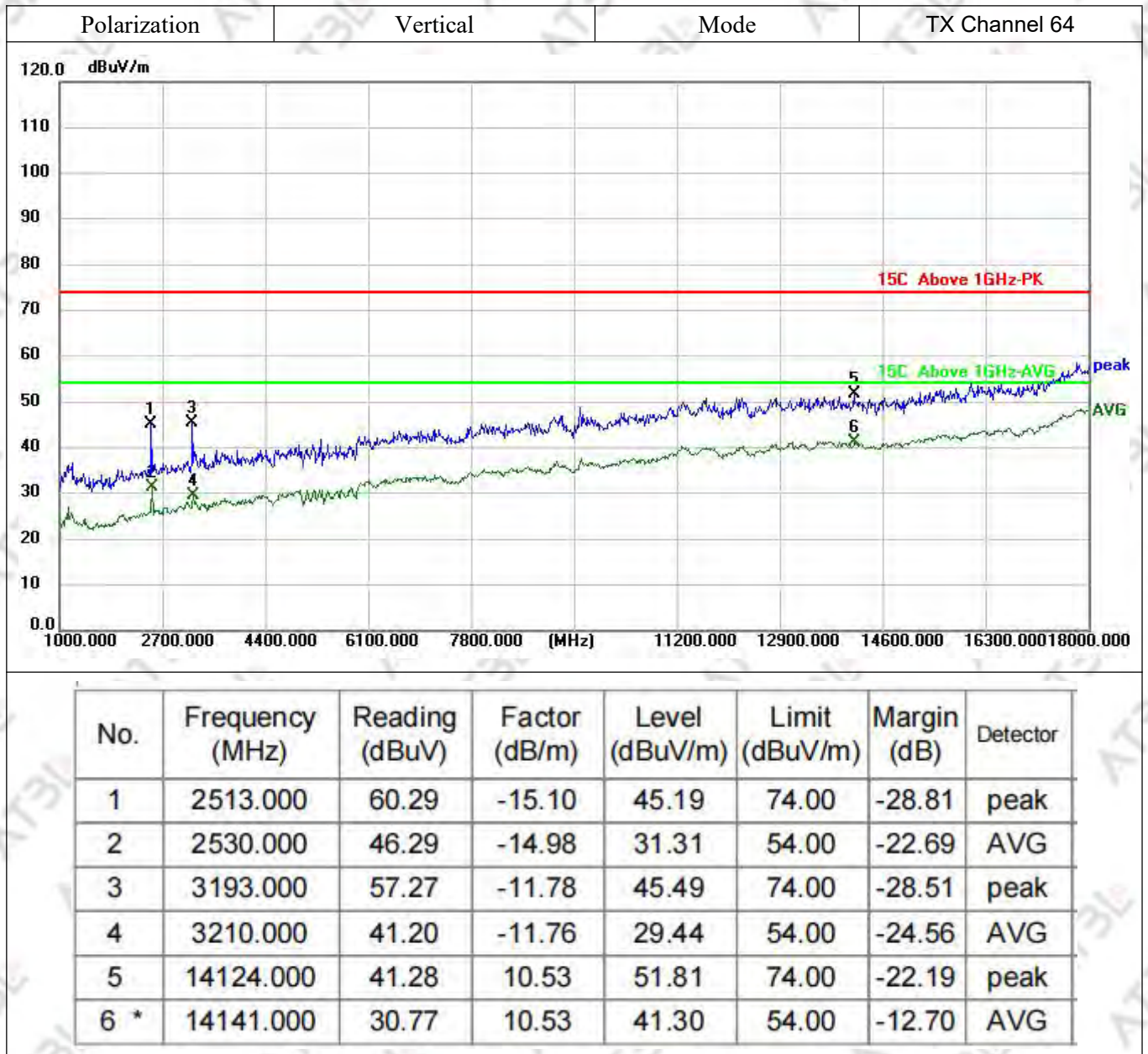




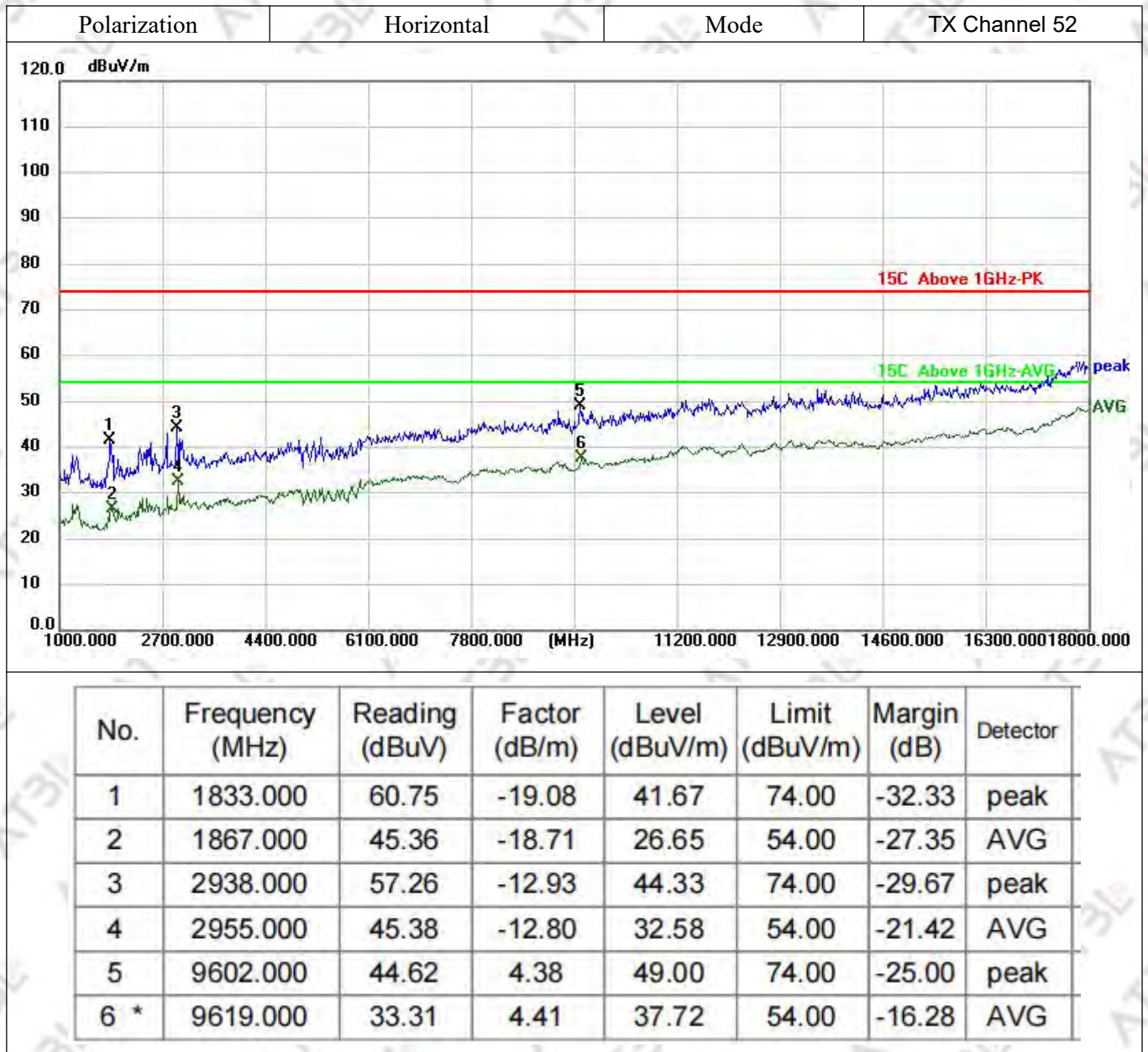


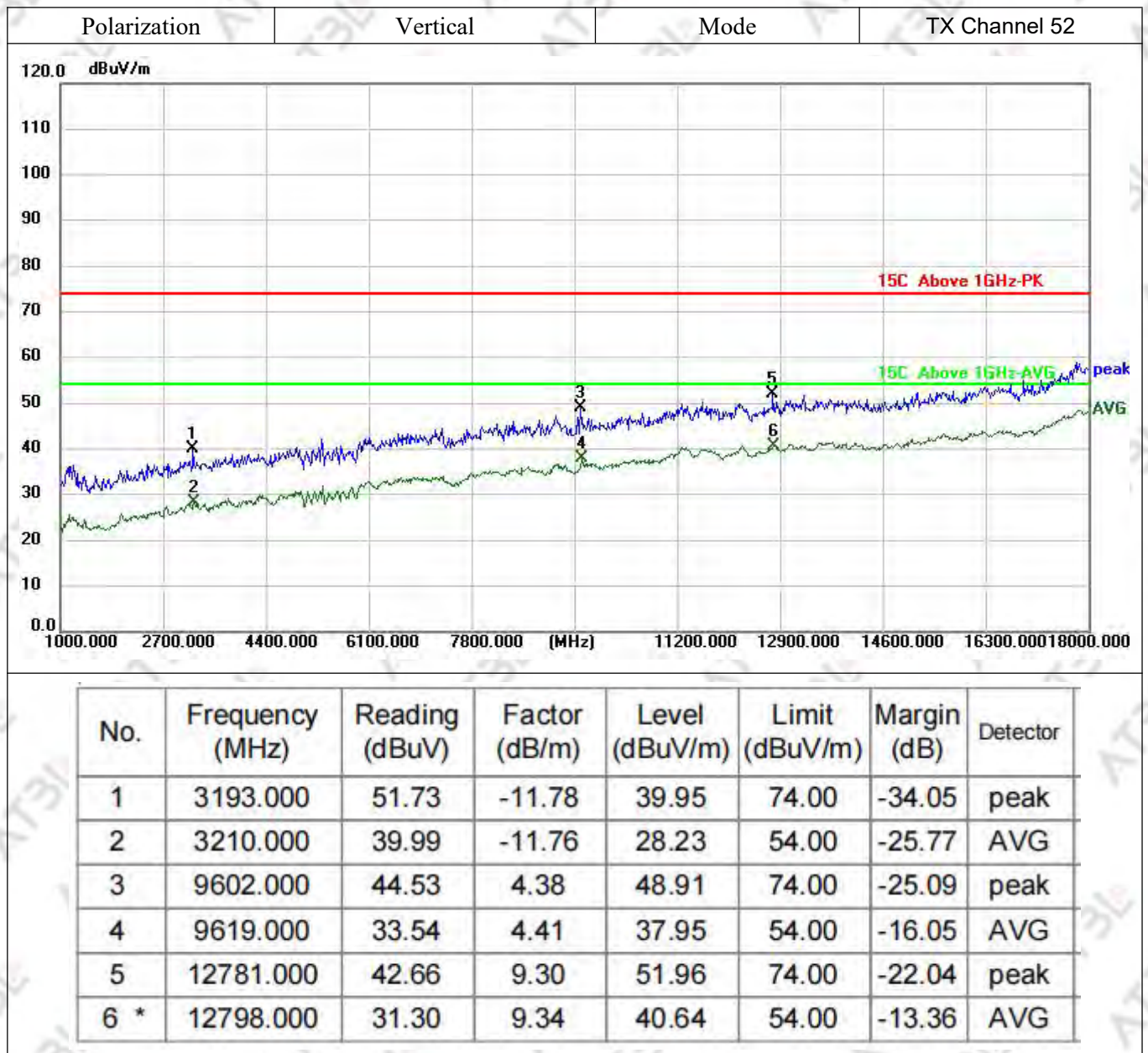


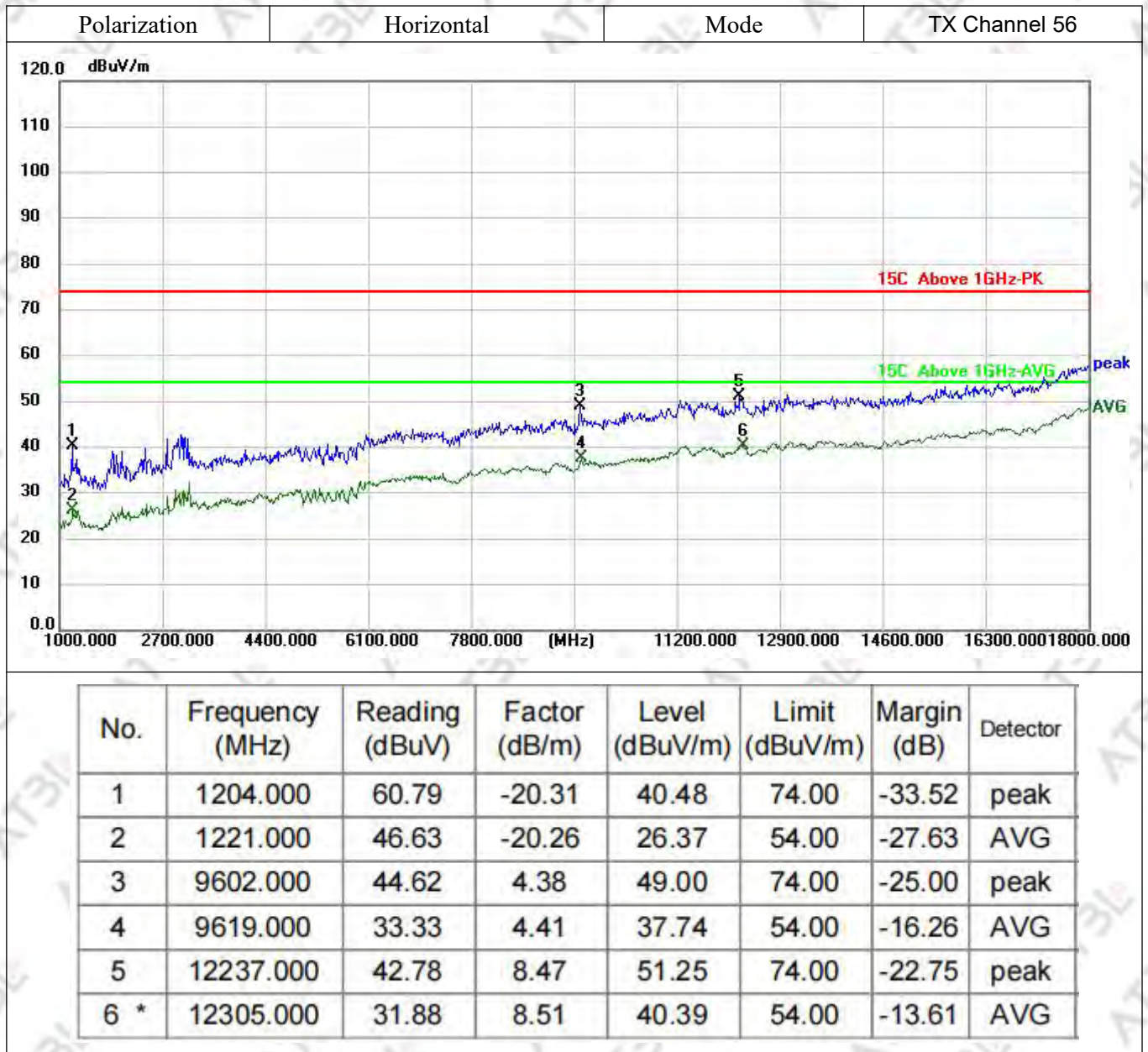


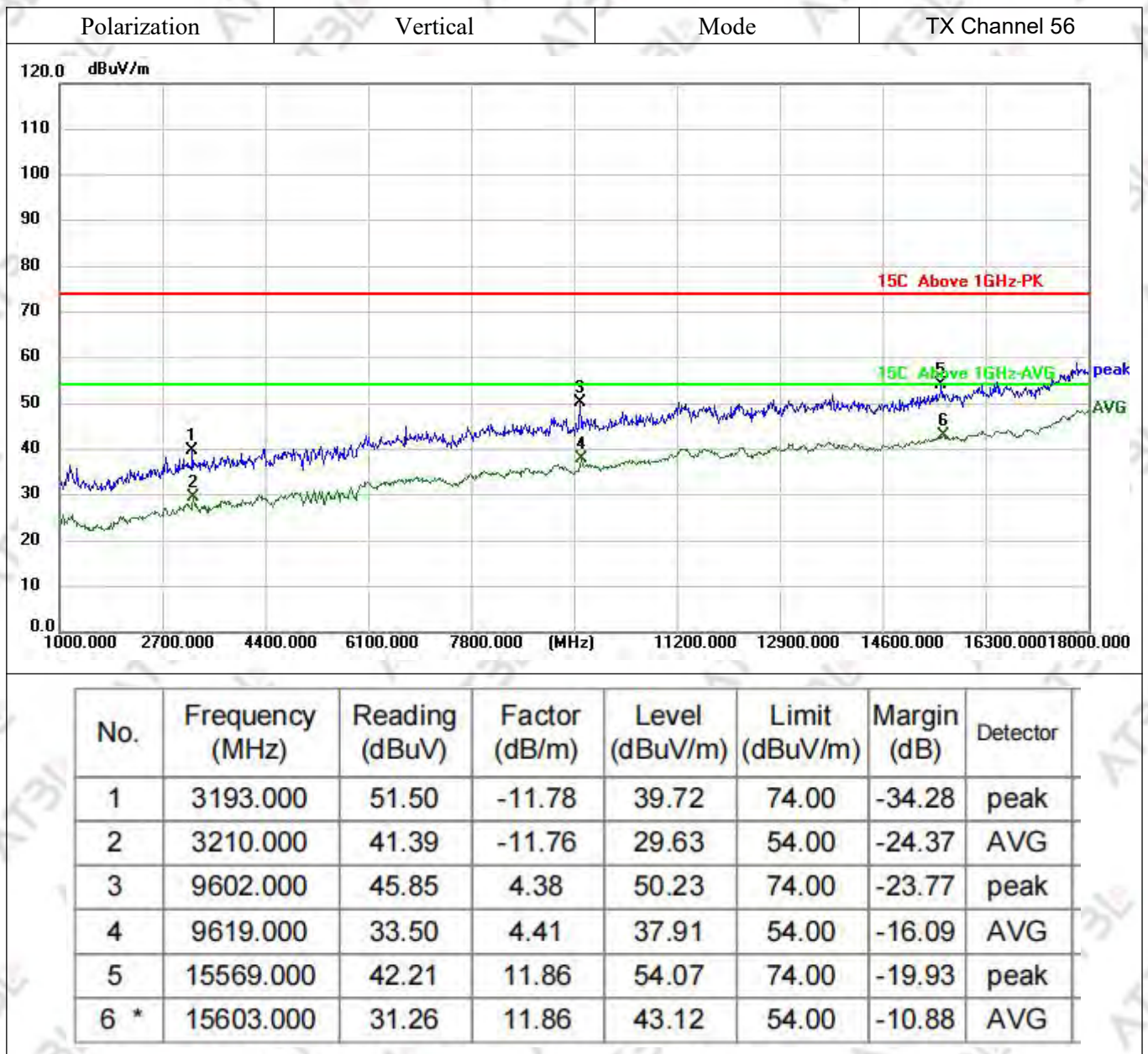


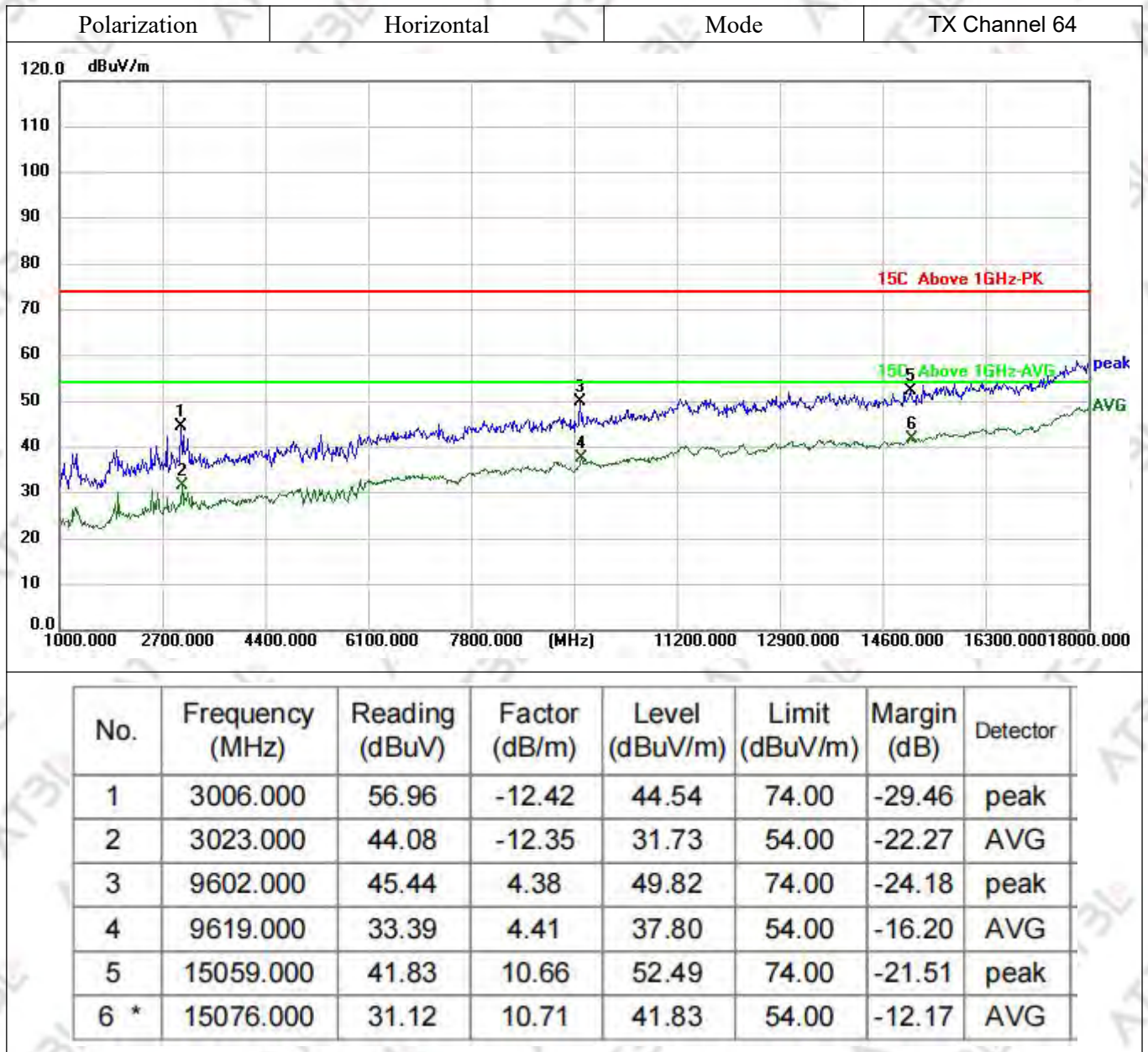
802.11ac (20MHz)

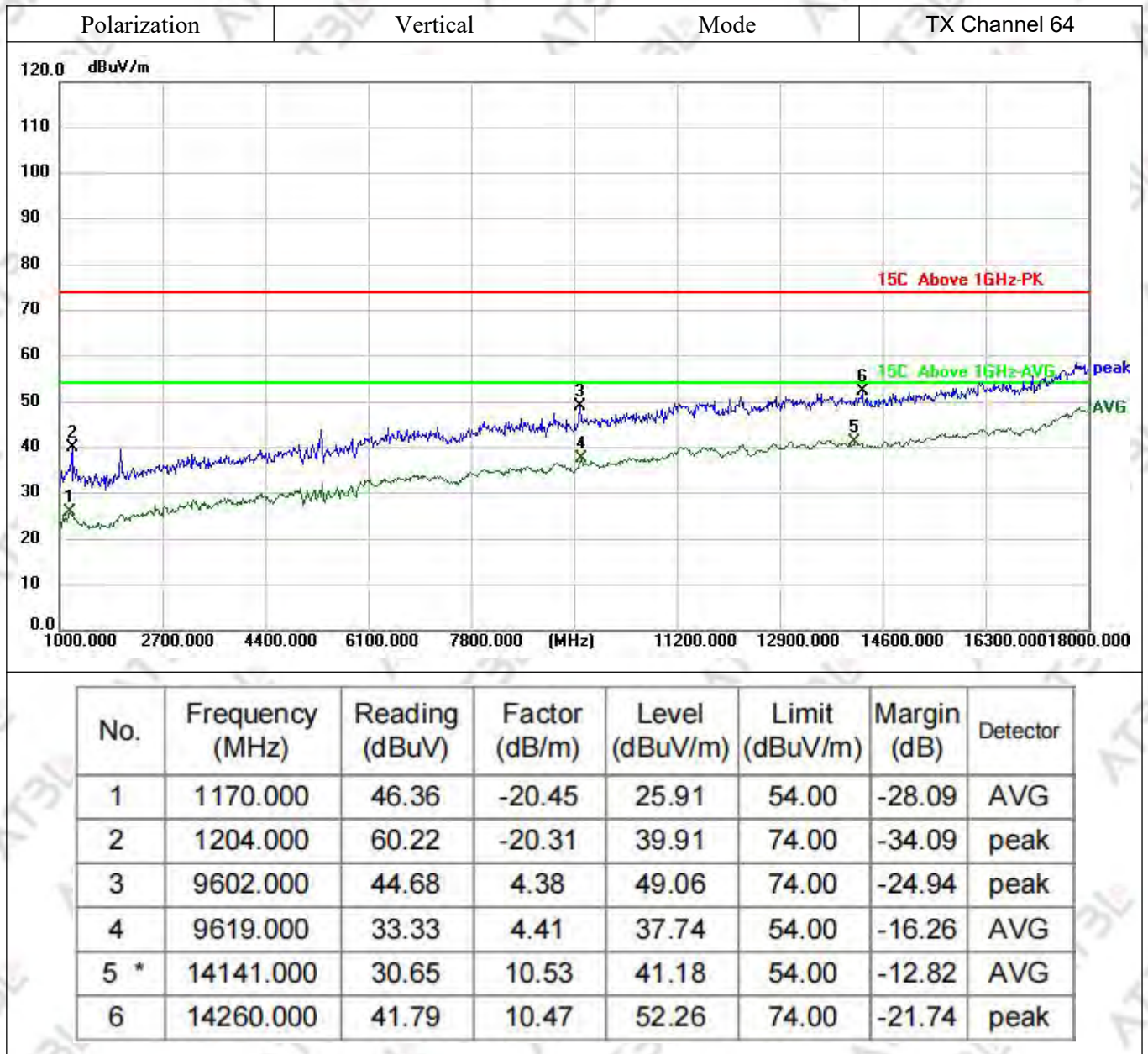




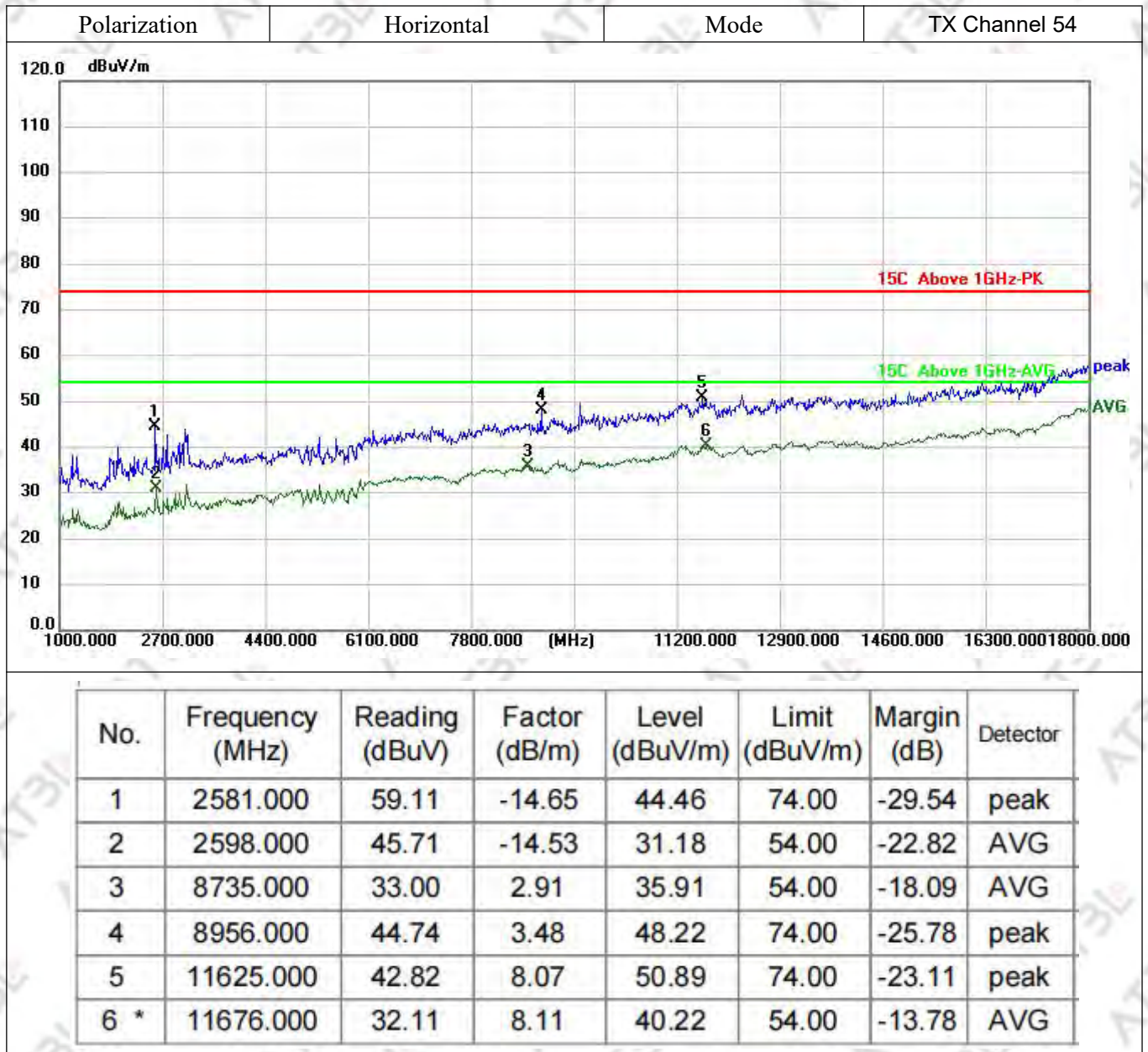


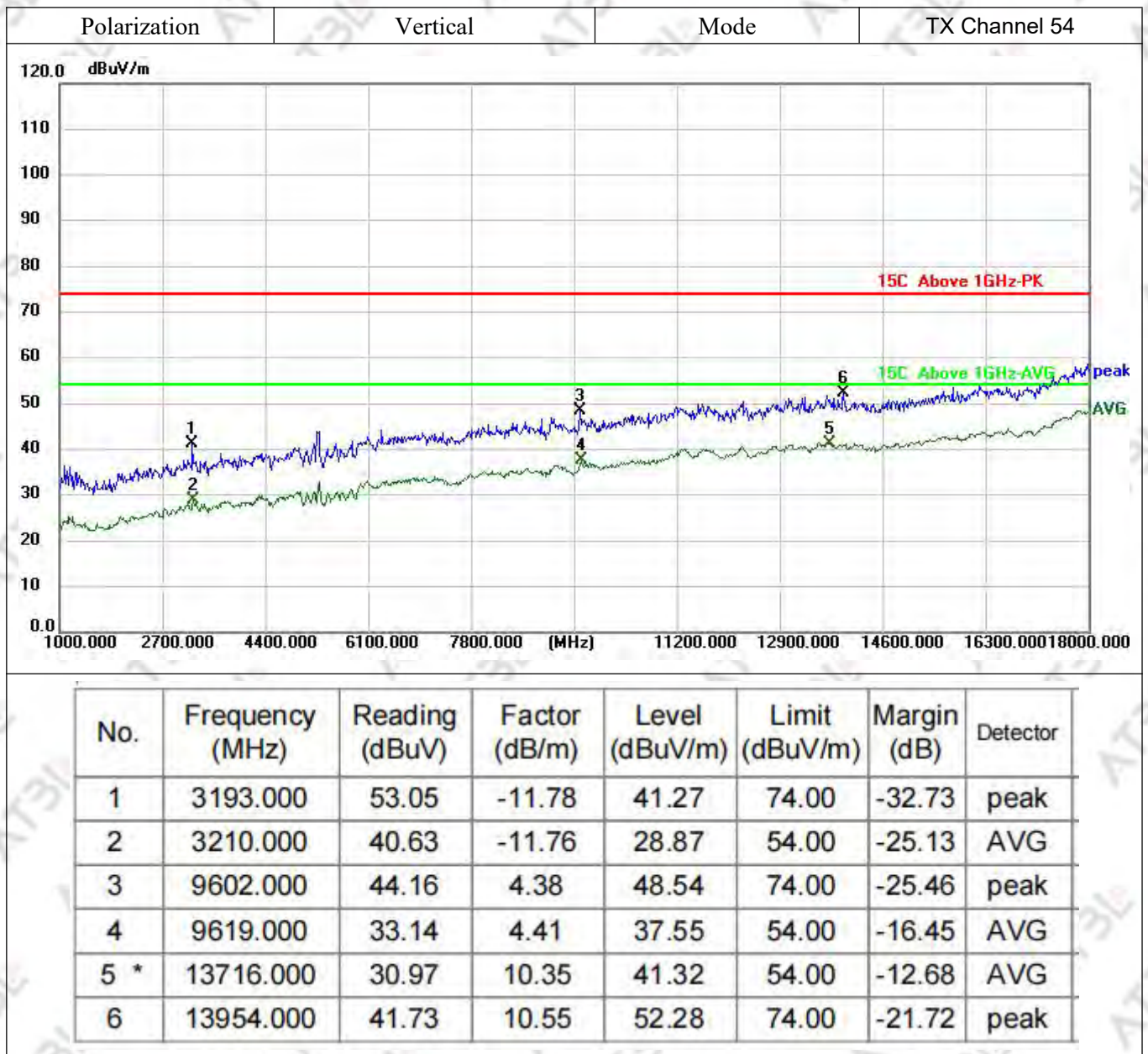


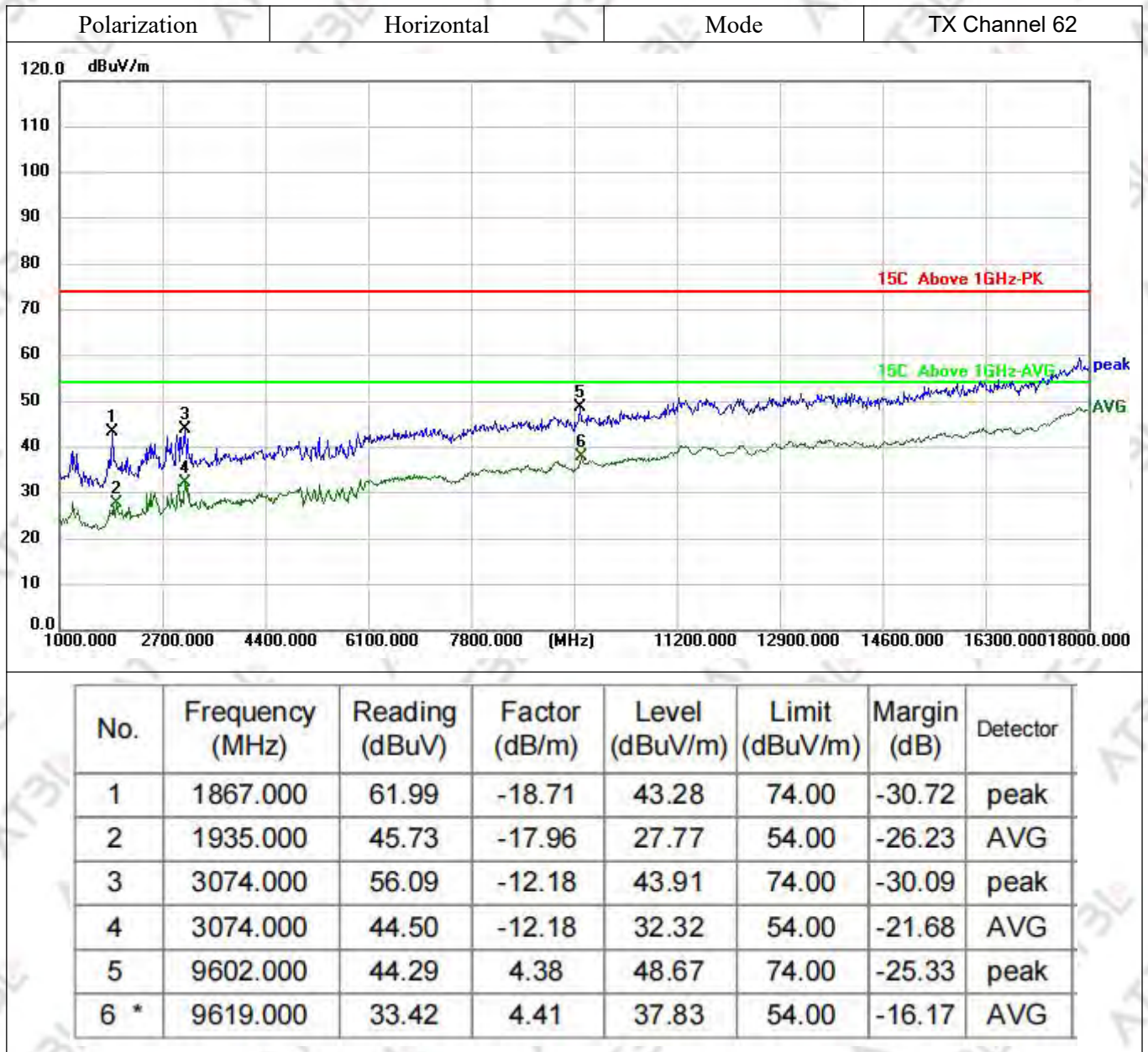


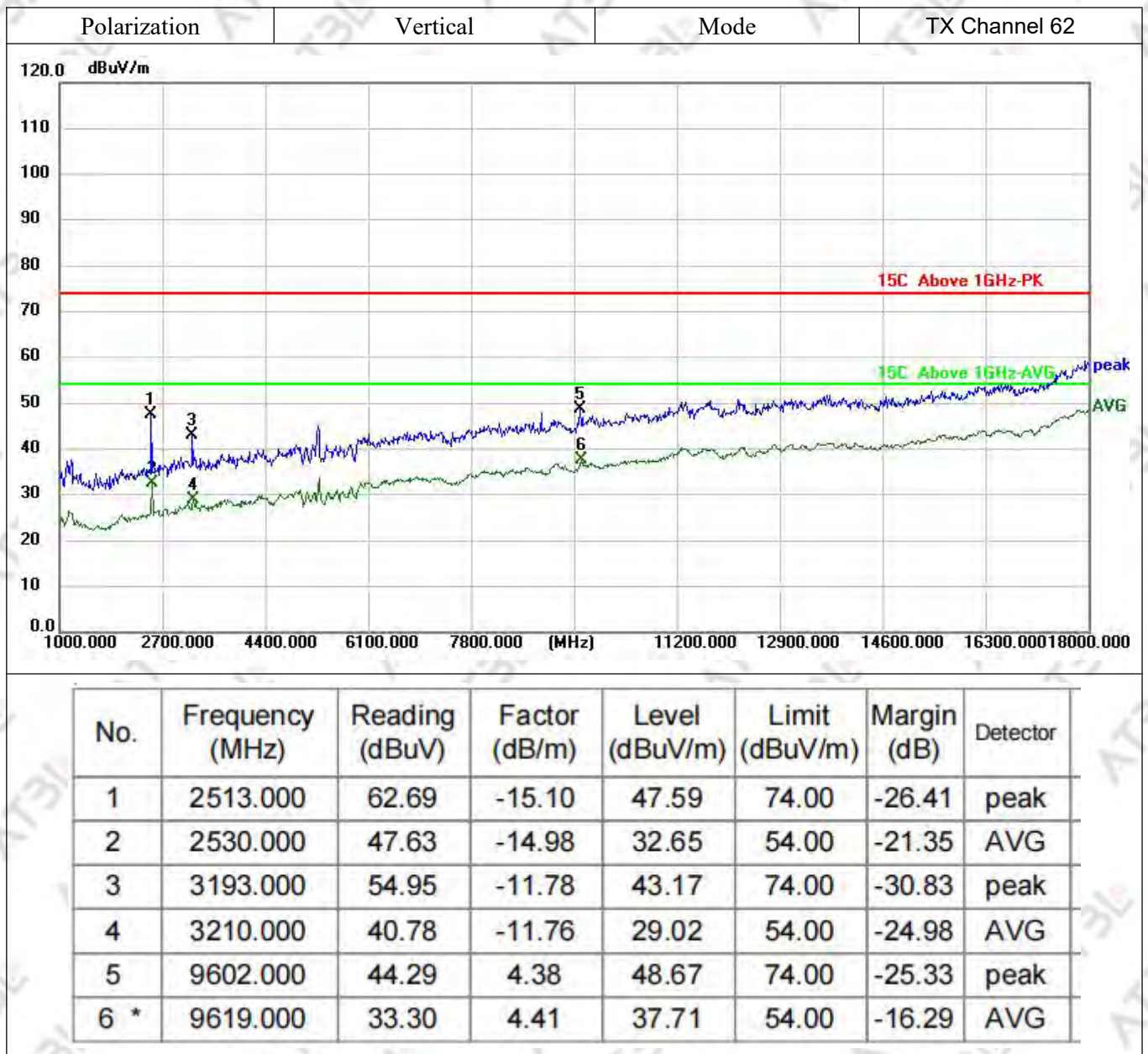


802.11n (40MHz)

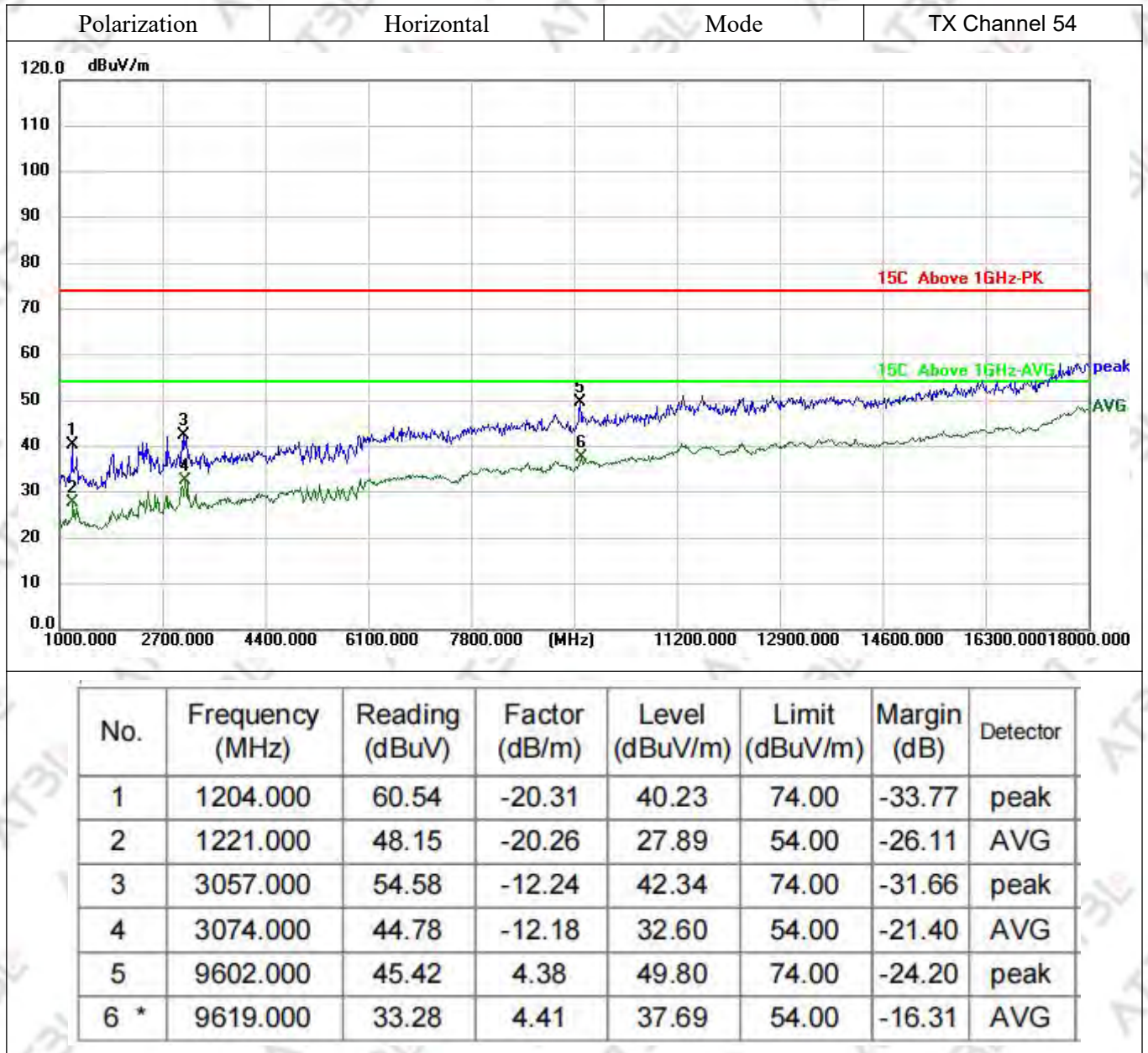


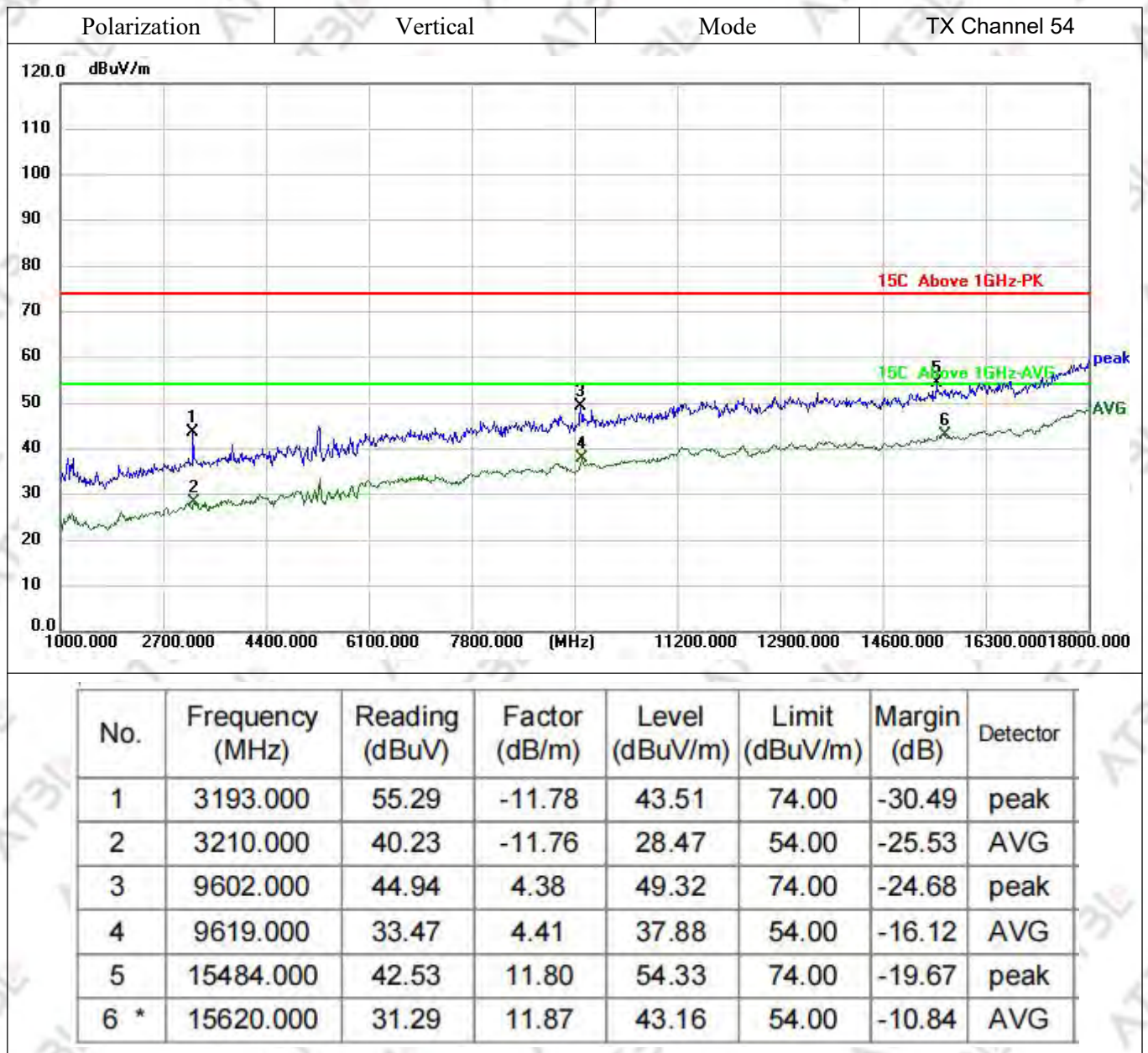


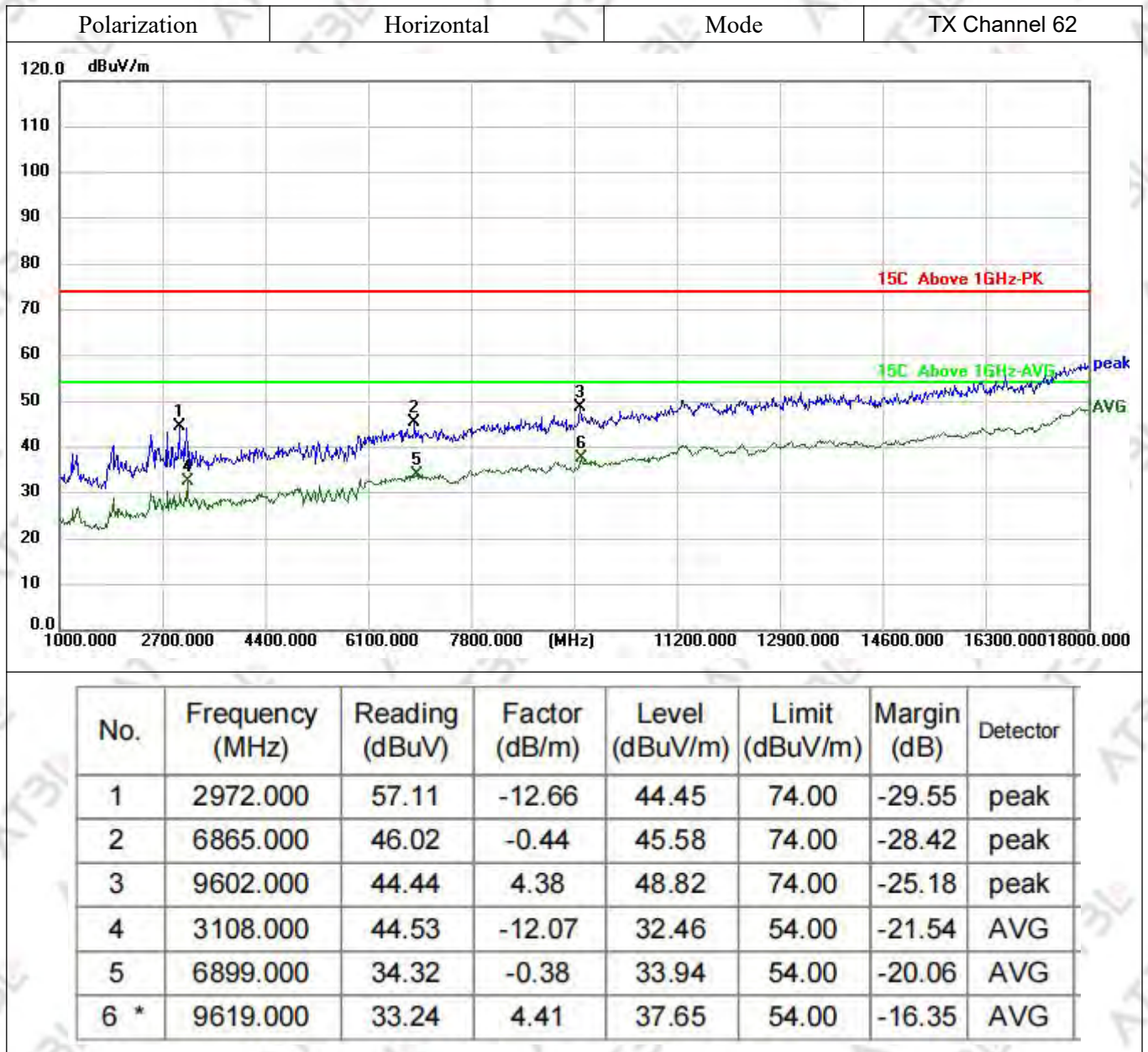


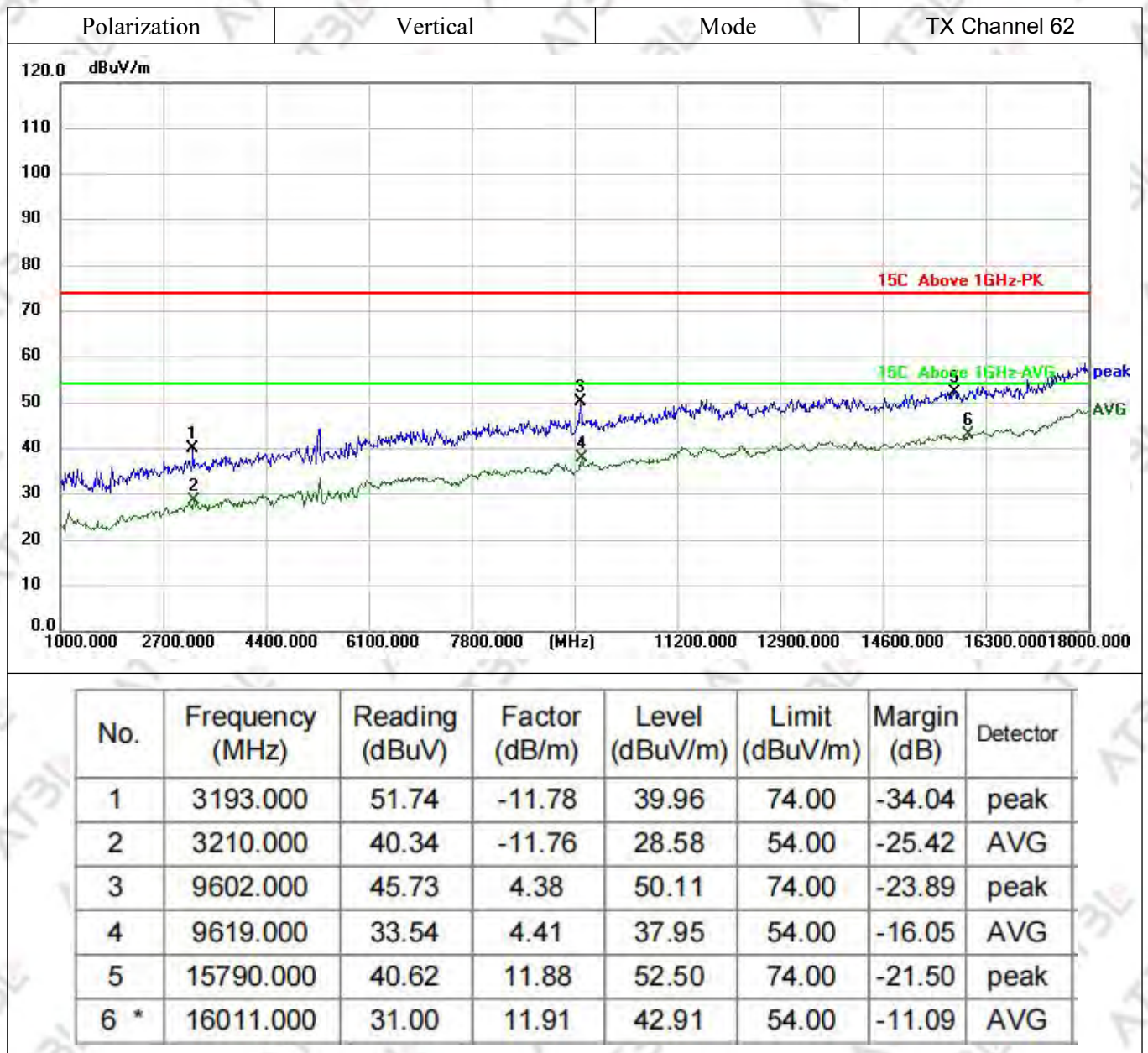


802.11ac (40MHz)

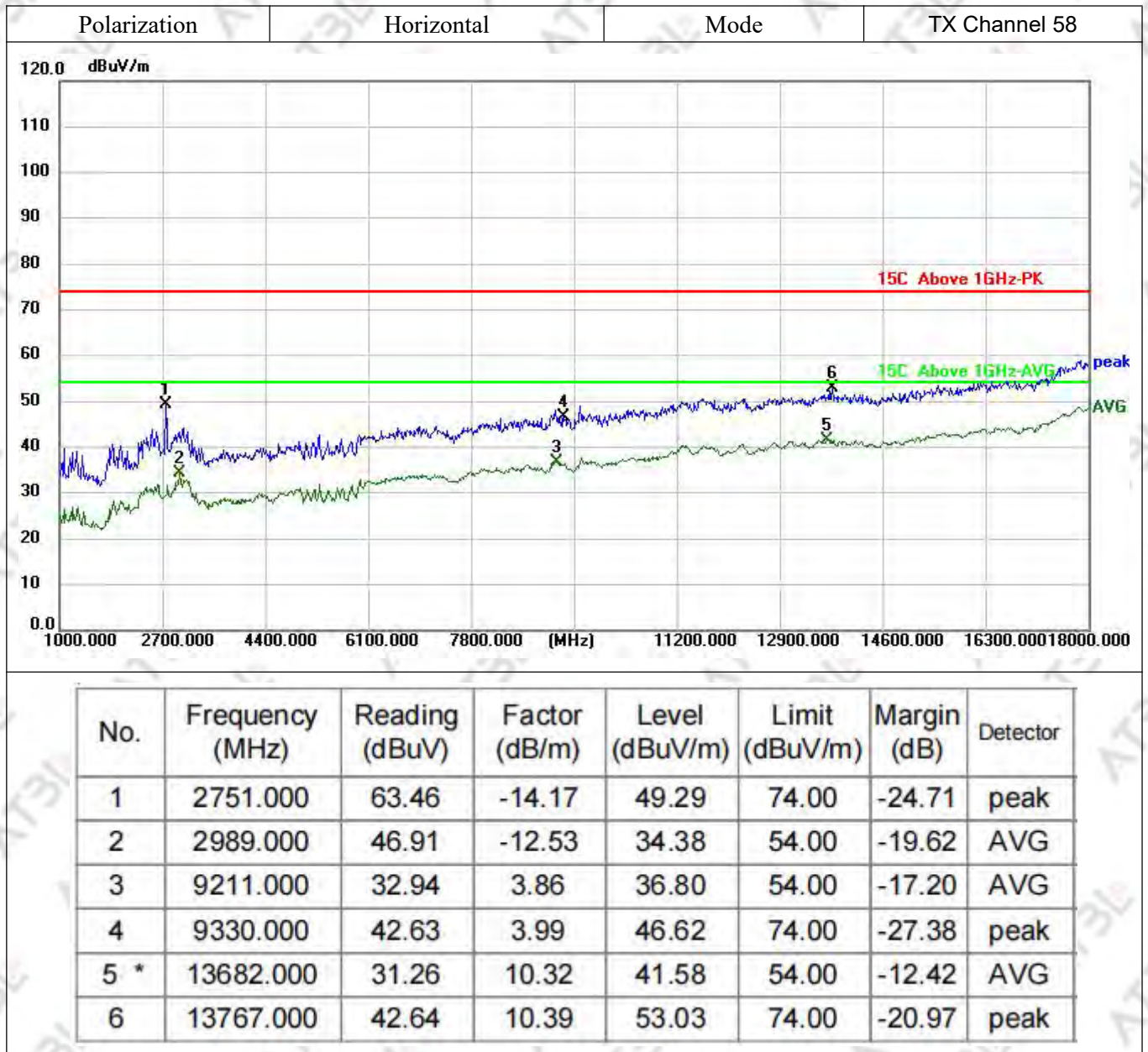


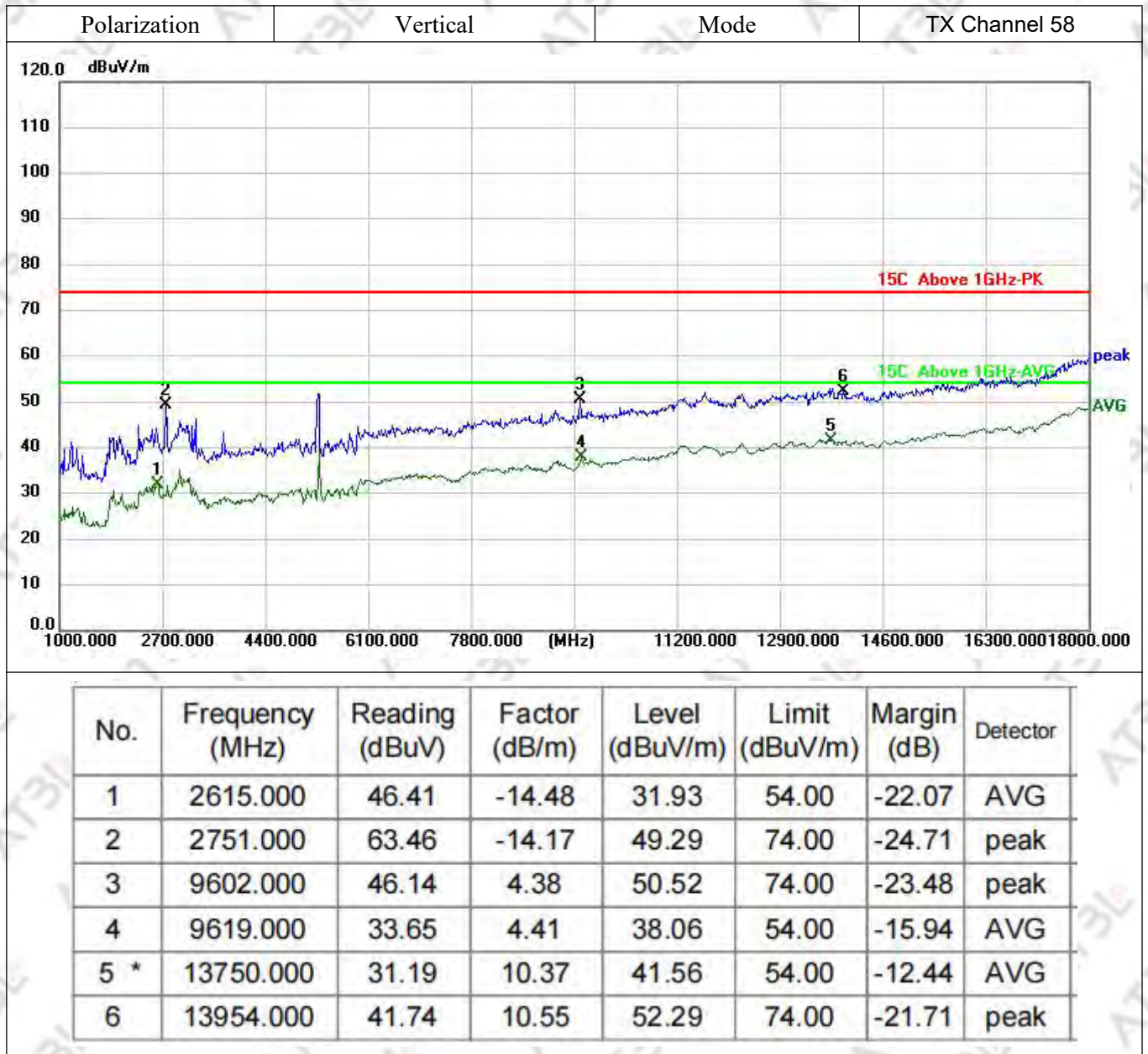






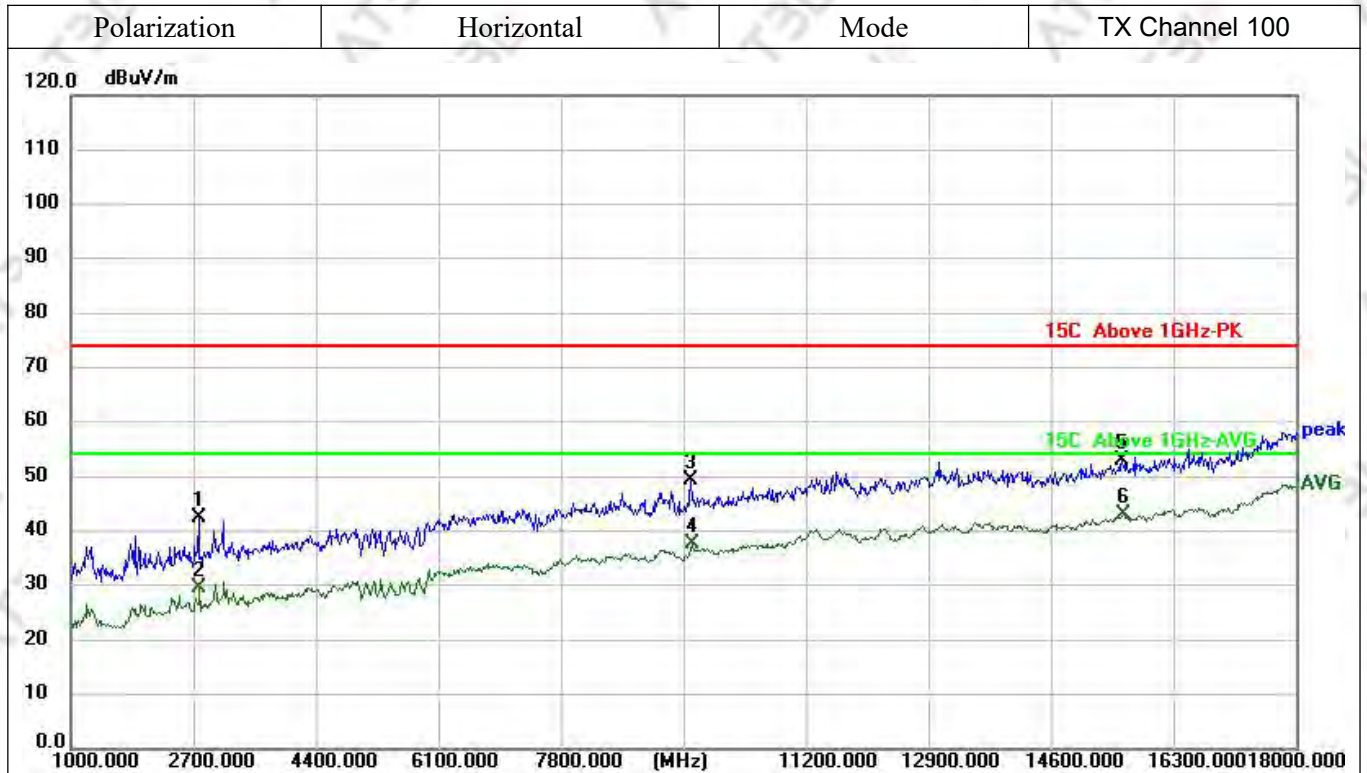
802.11ac (80MHz)



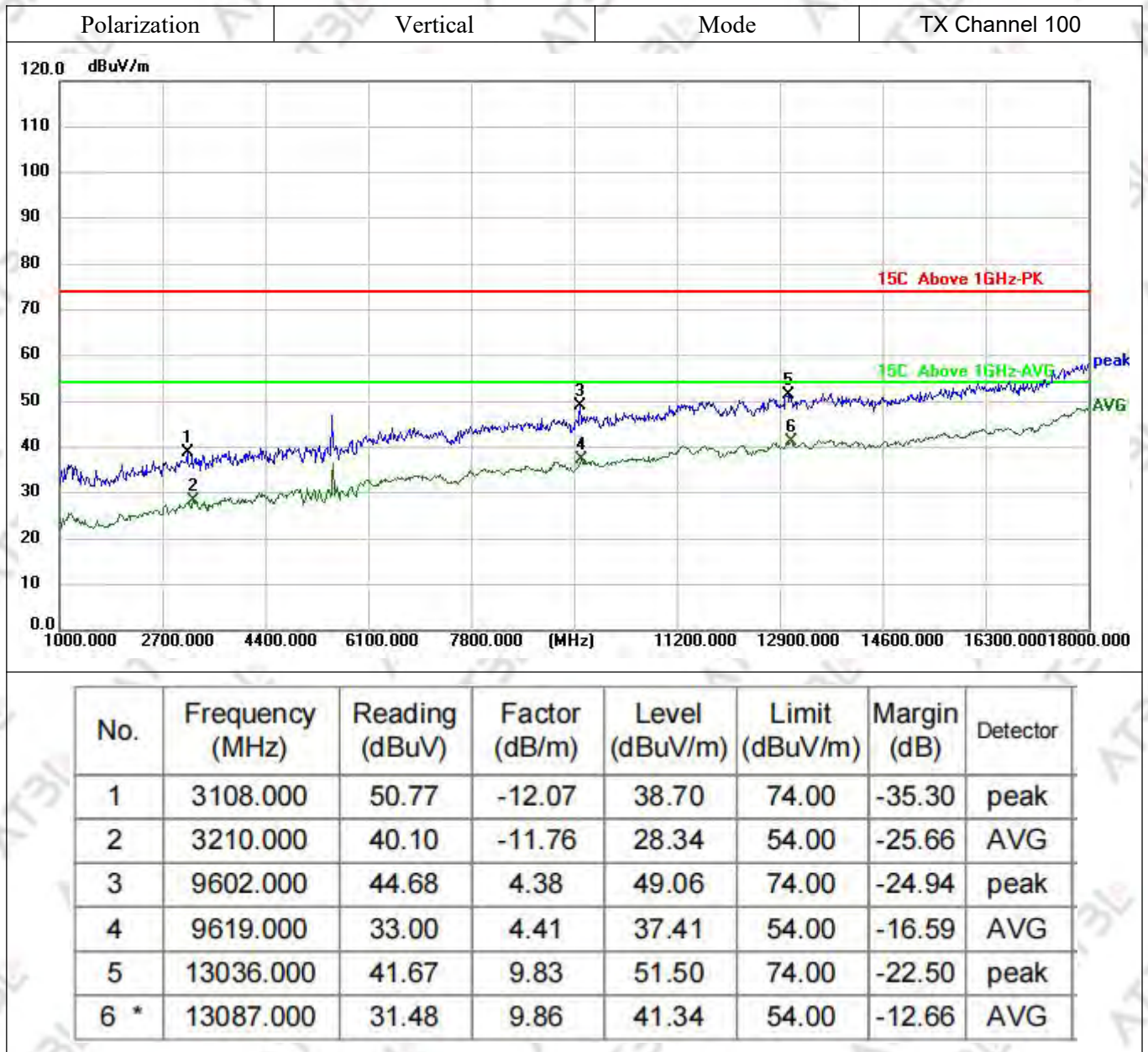


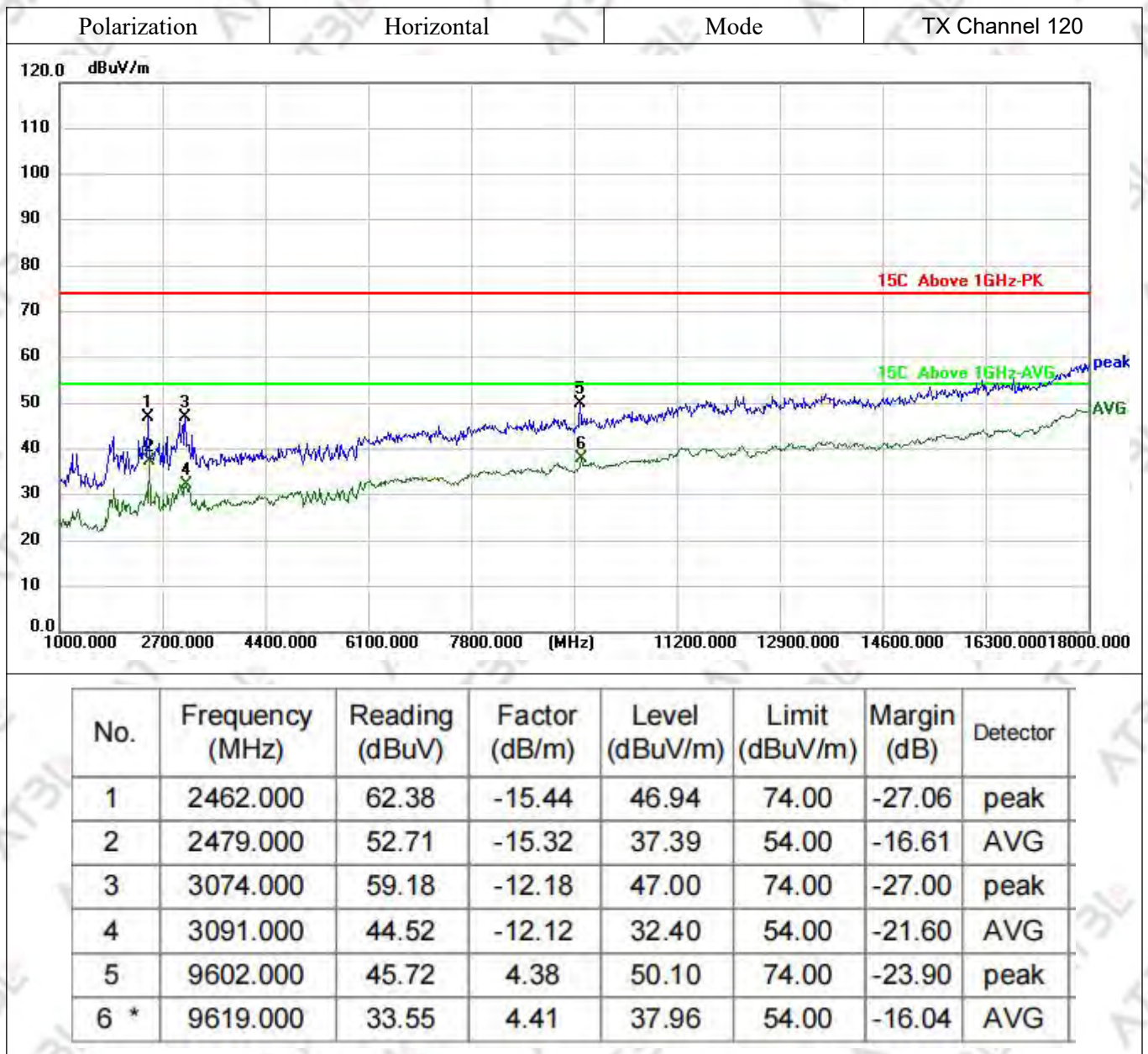
Band 3 (5470-5725MHz):

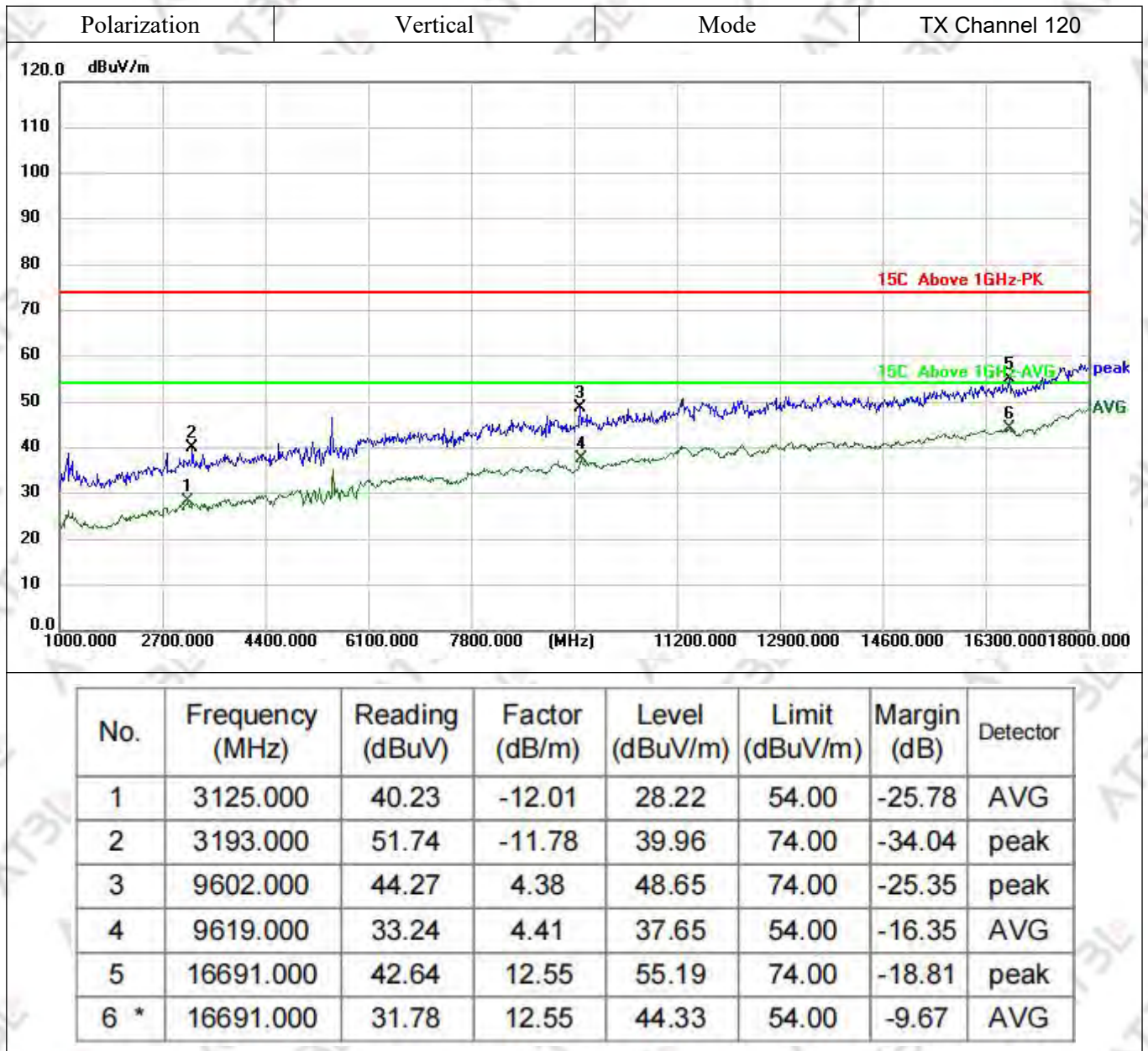
802.11a

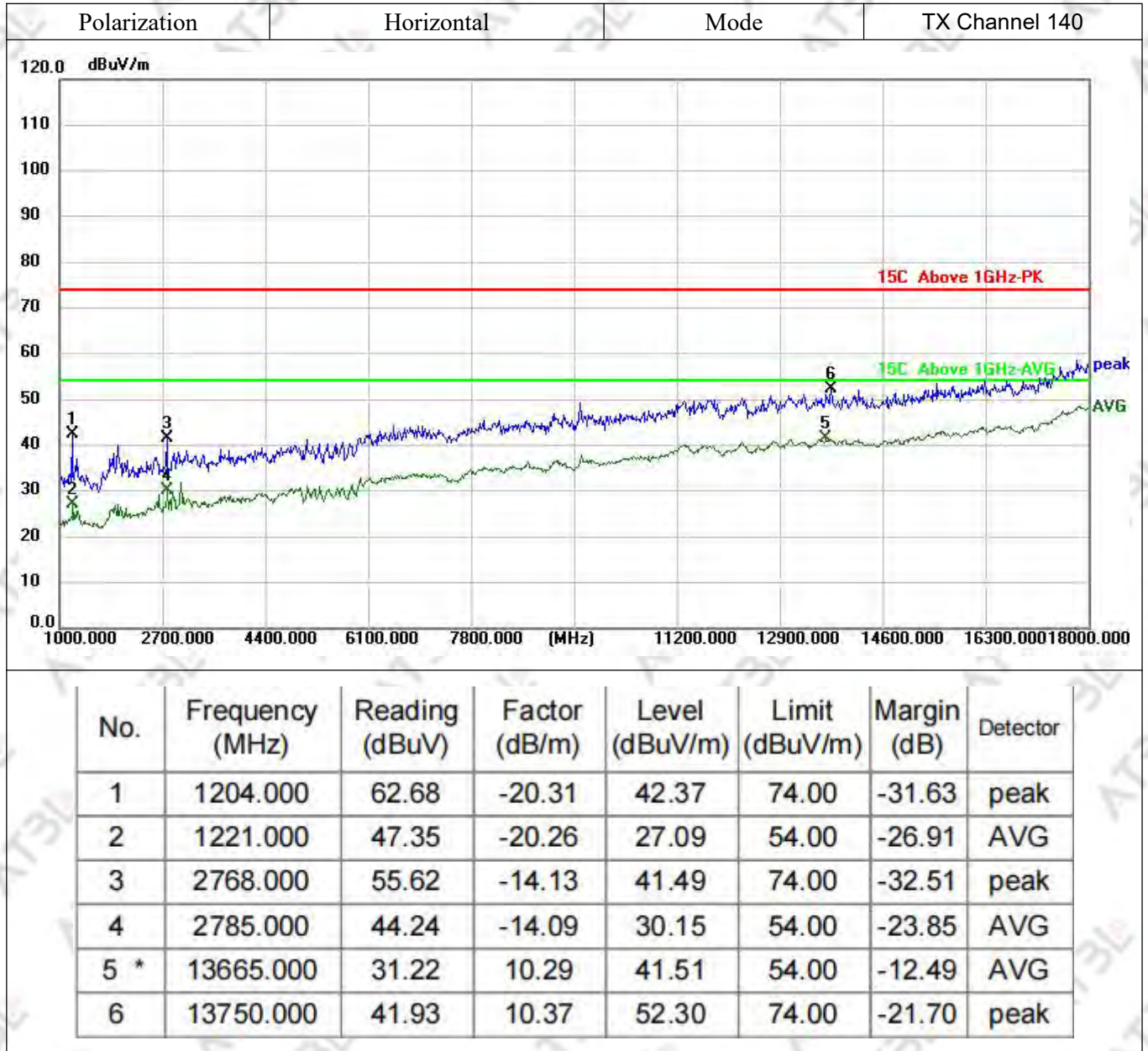


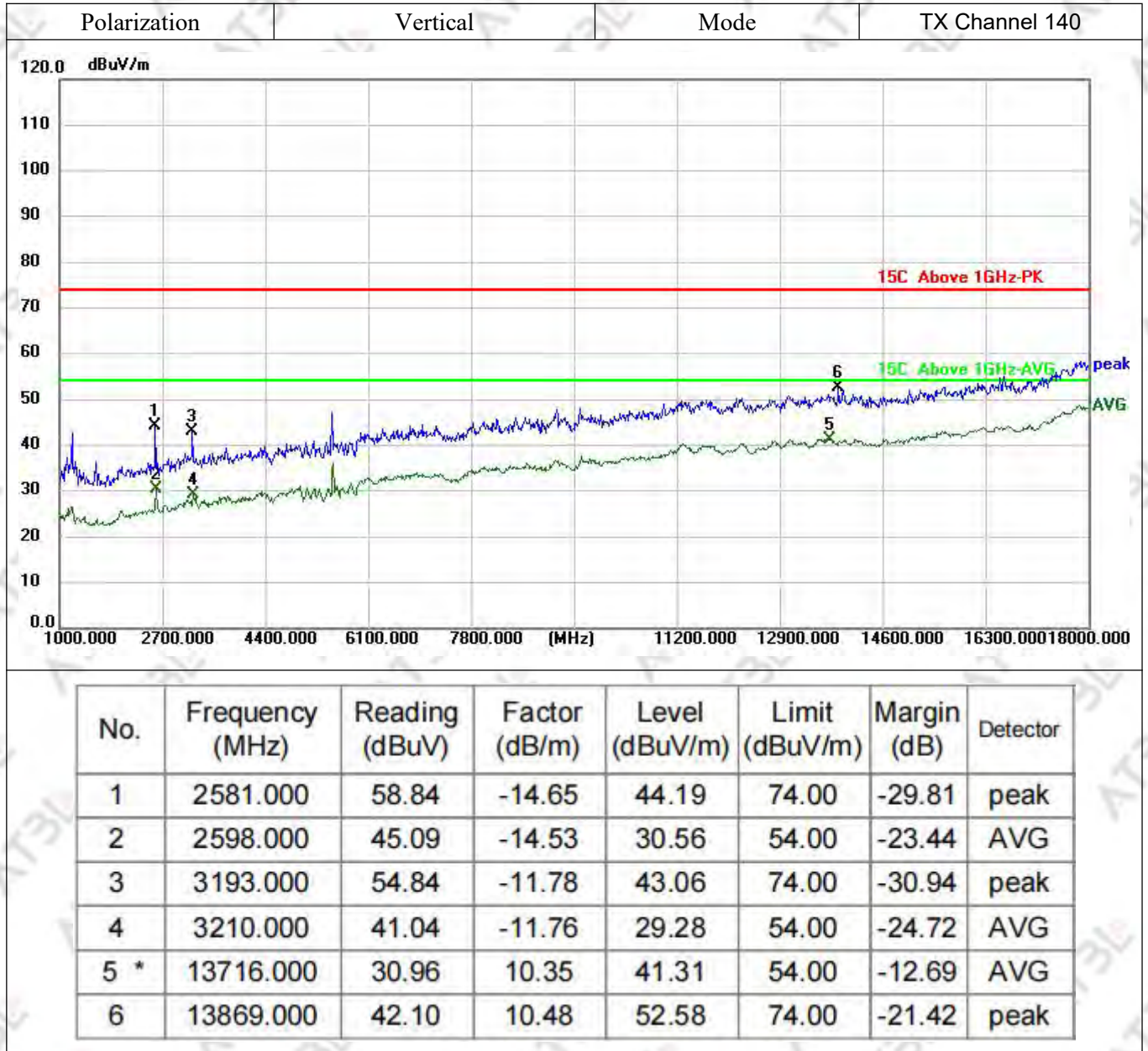
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	2768.000	56.63	-14.13	42.50	74.00	-31.50	peak
2	2785.000	43.58	-14.09	29.49	54.00	-24.51	AVG
3	9602.000	44.89	4.38	49.27	74.00	-24.73	peak
4	9619.000	33.36	4.41	37.77	54.00	-16.23	AVG
5	15586.000	41.23	11.86	53.09	74.00	-20.91	peak
6 *	15603.000	31.17	11.86	43.03	54.00	-10.97	AVG



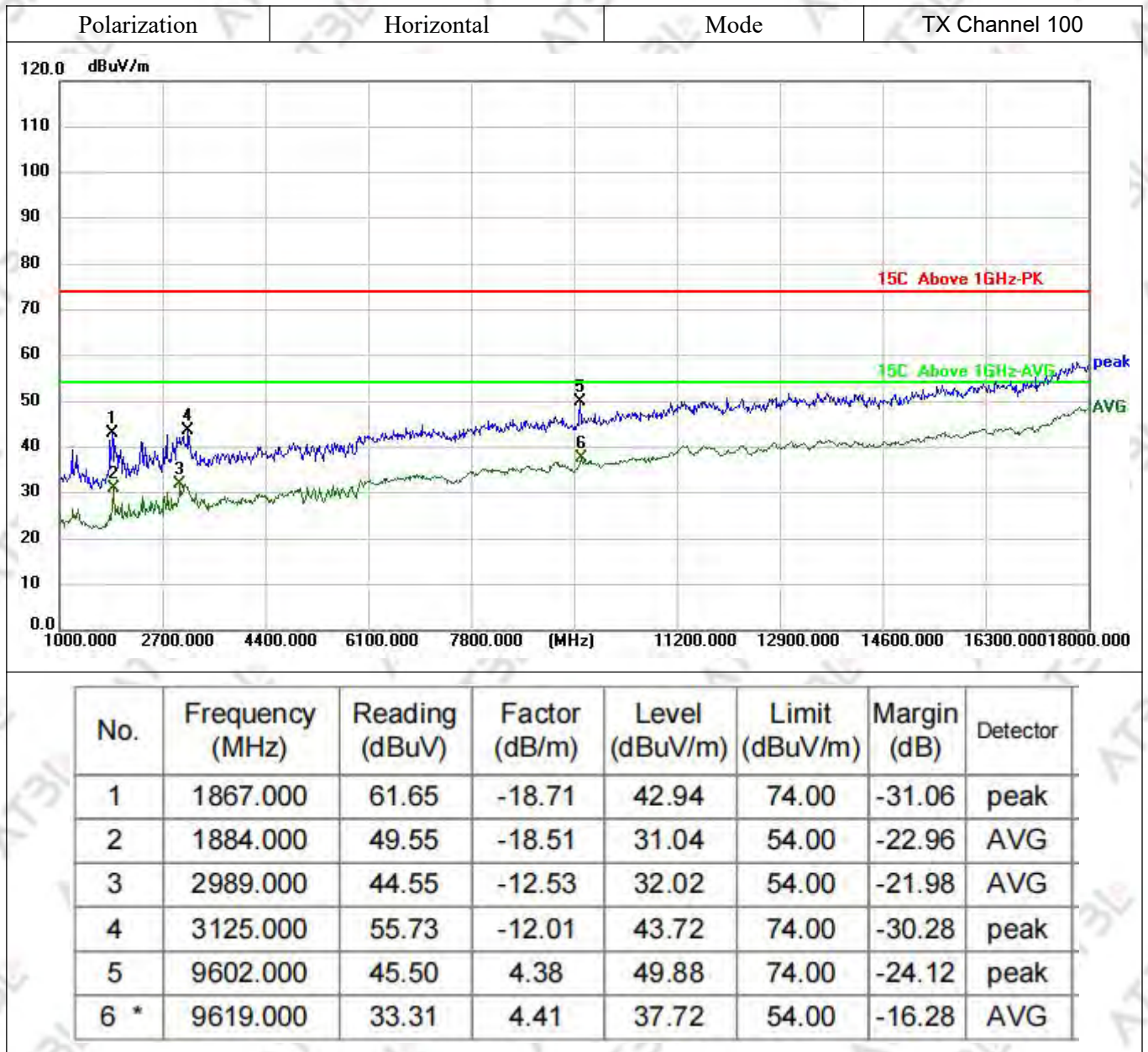


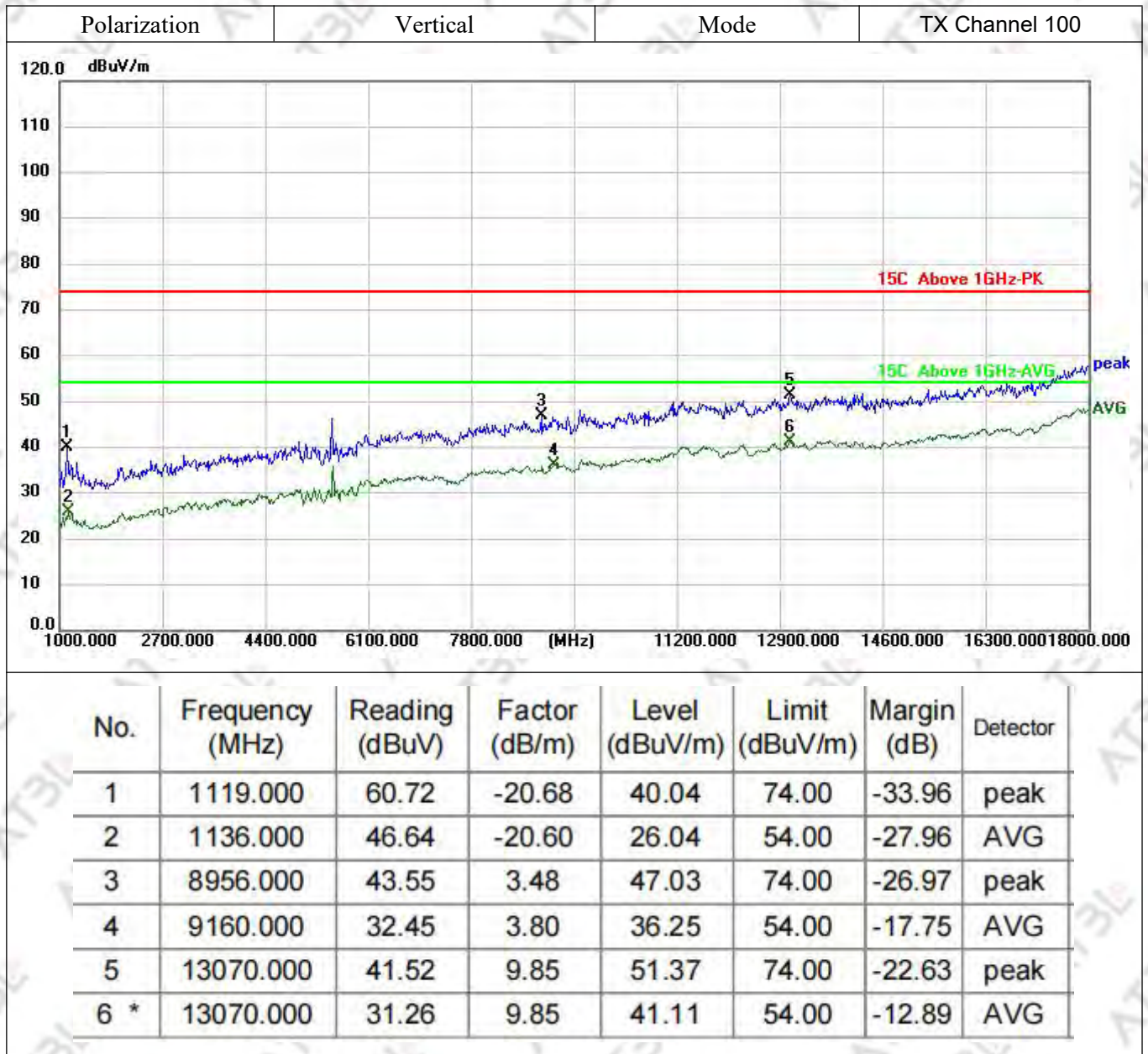


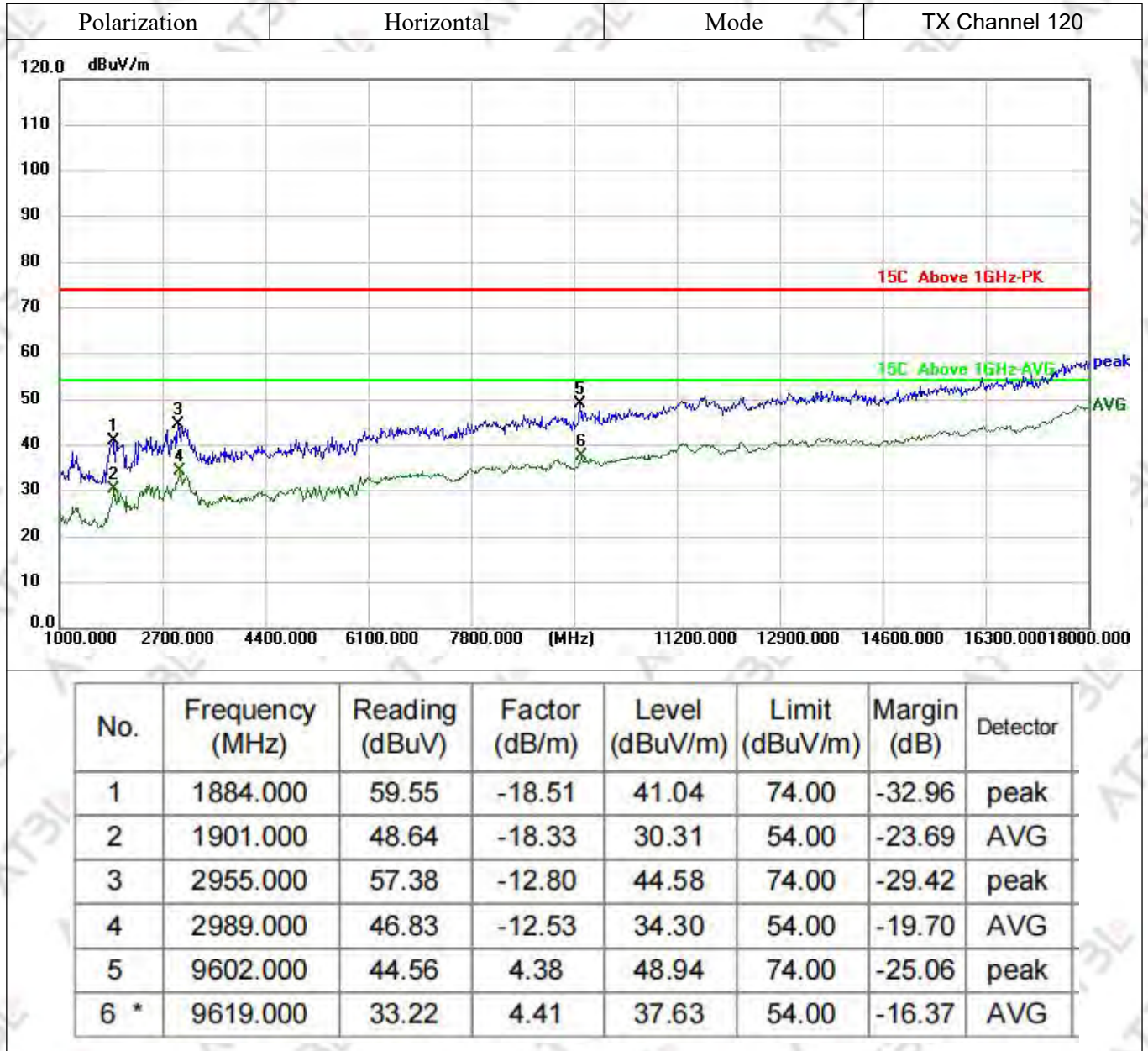


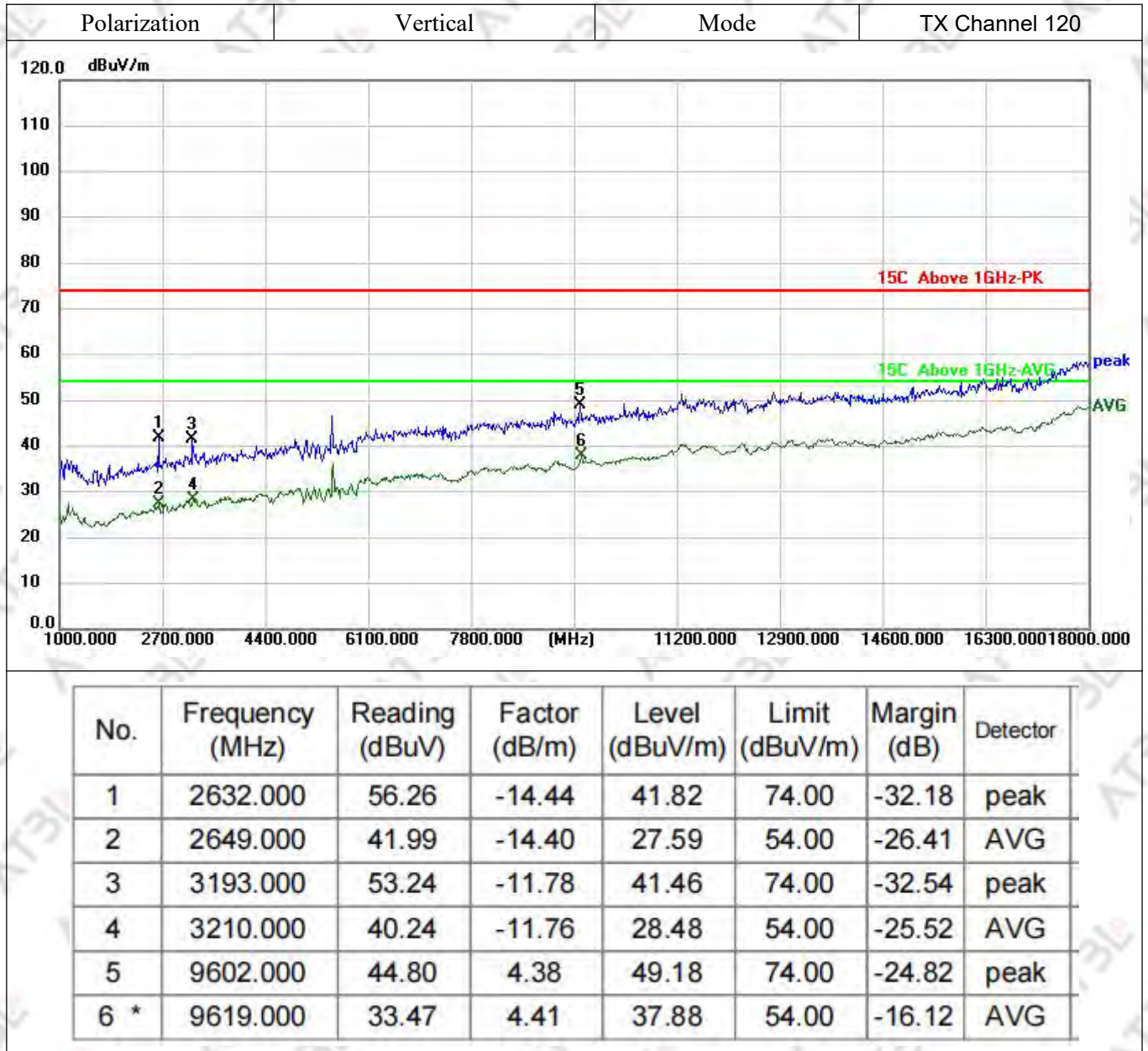


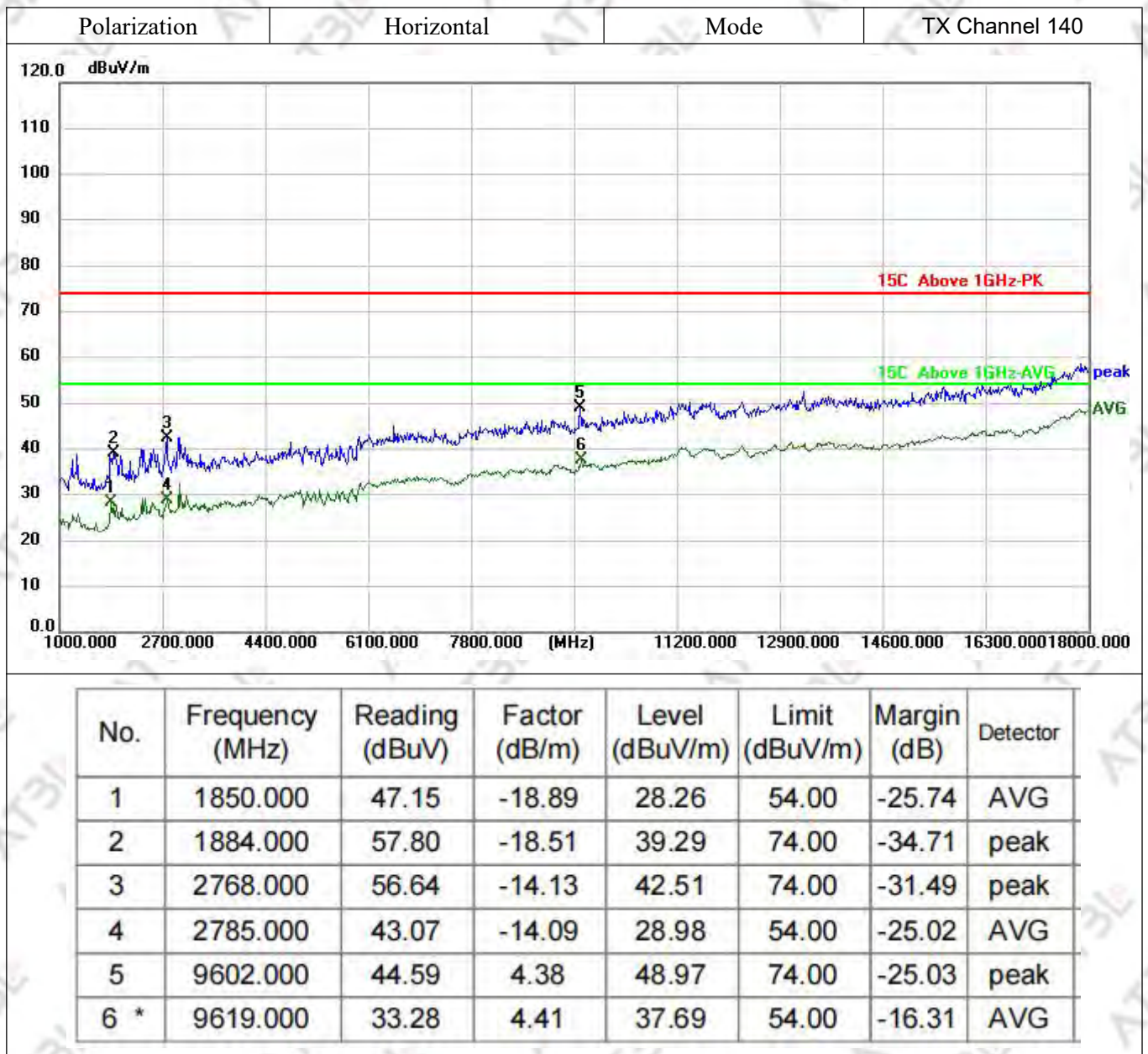
802.11n(20MHz)

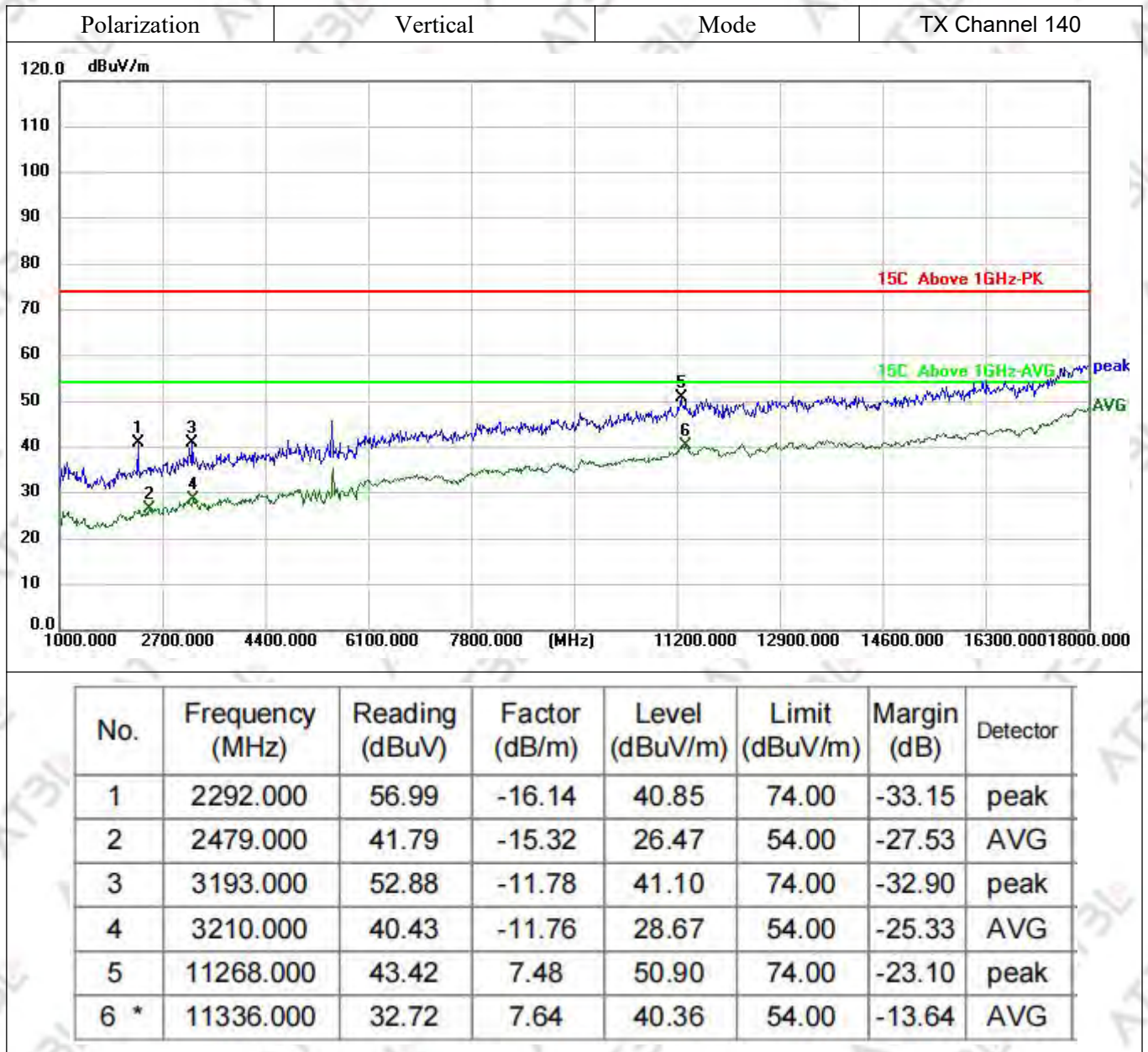




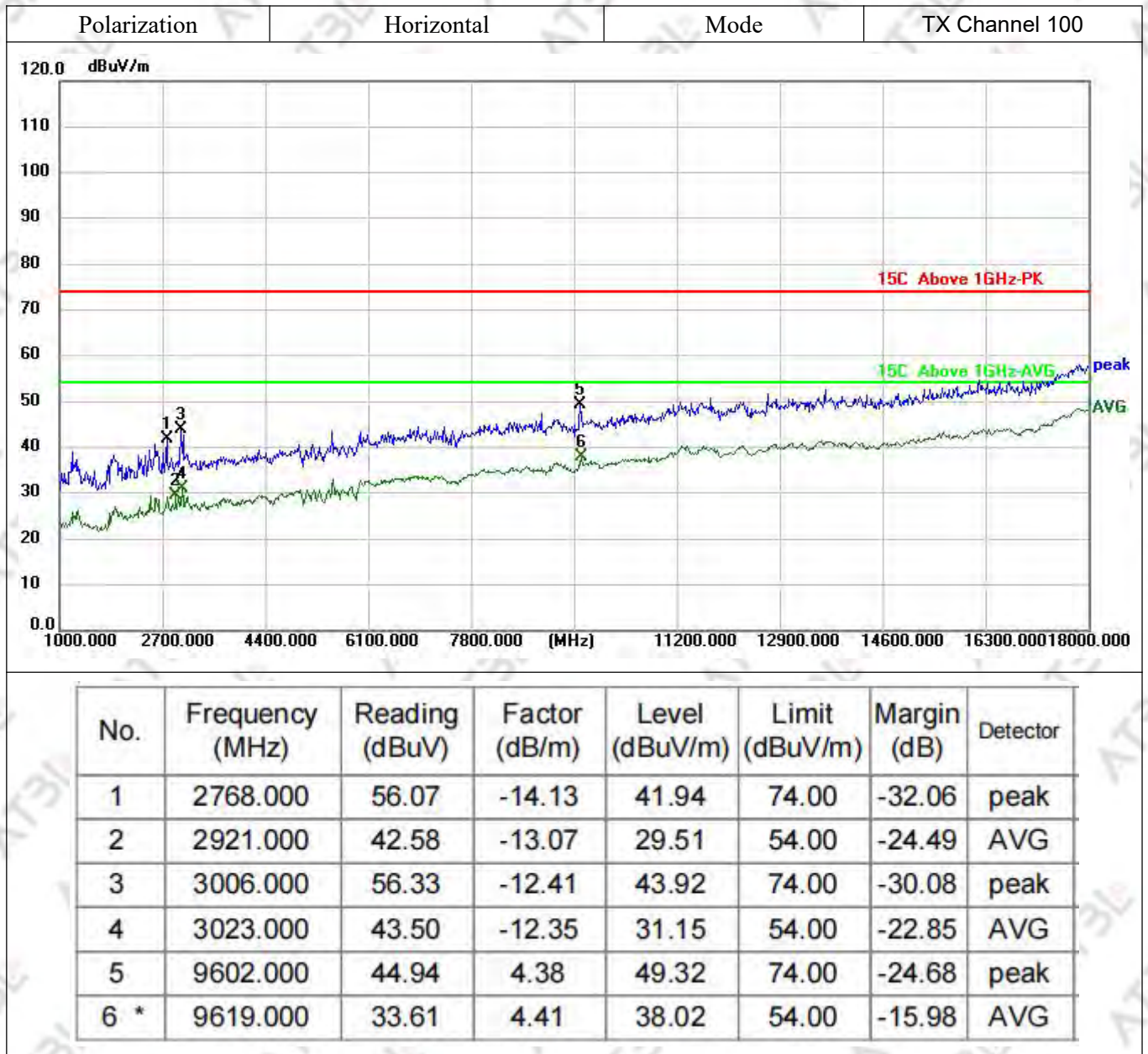


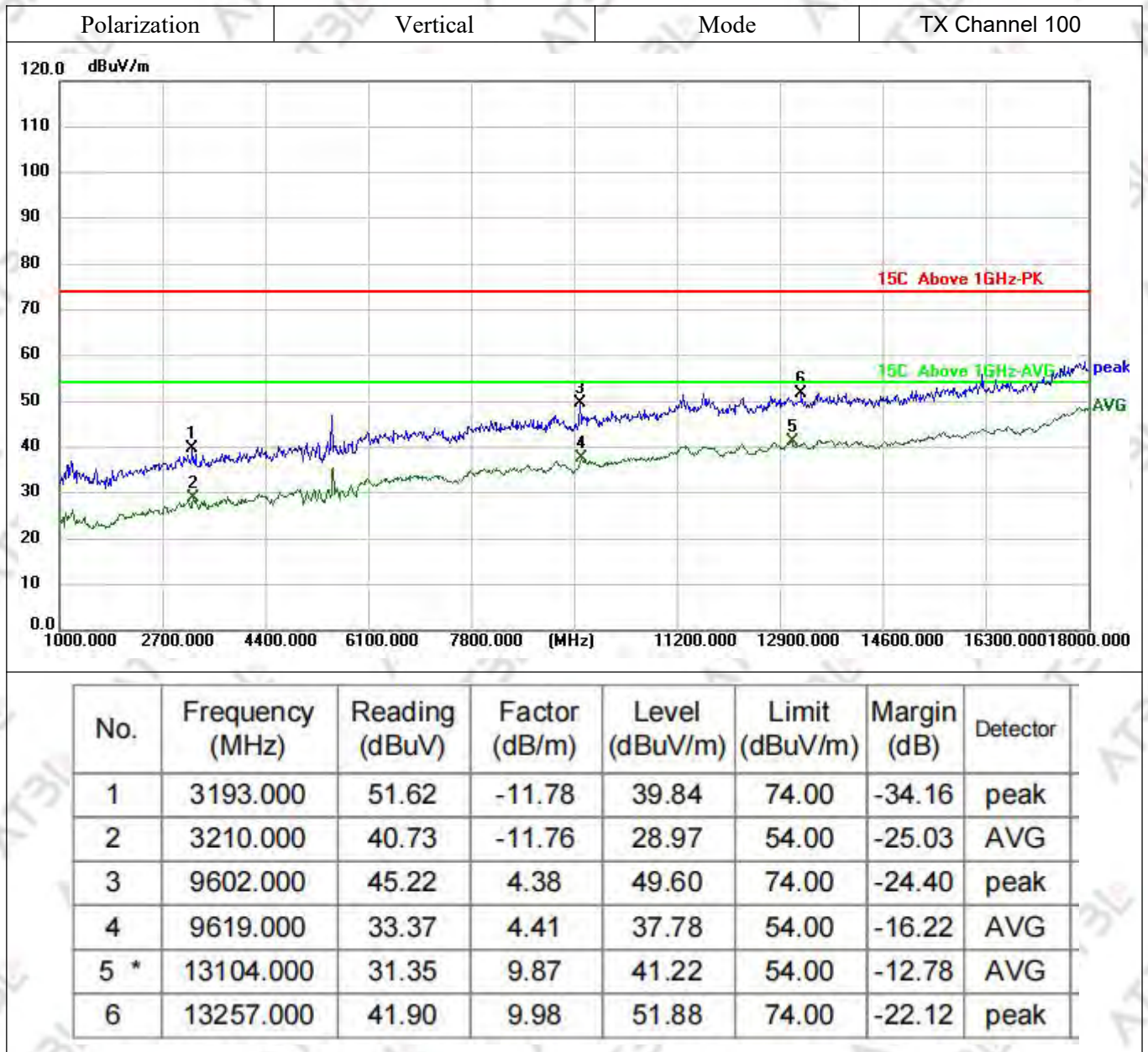


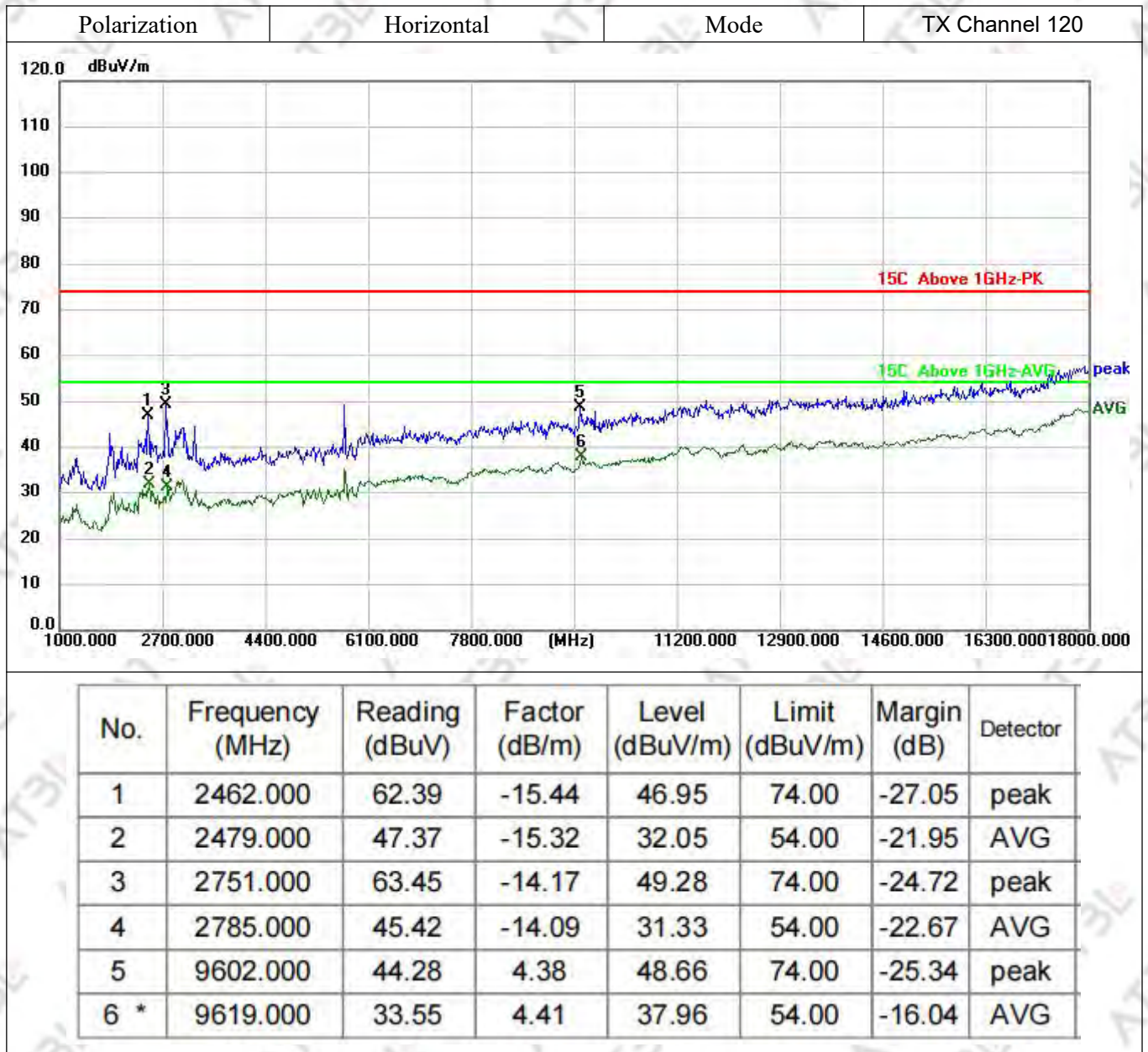


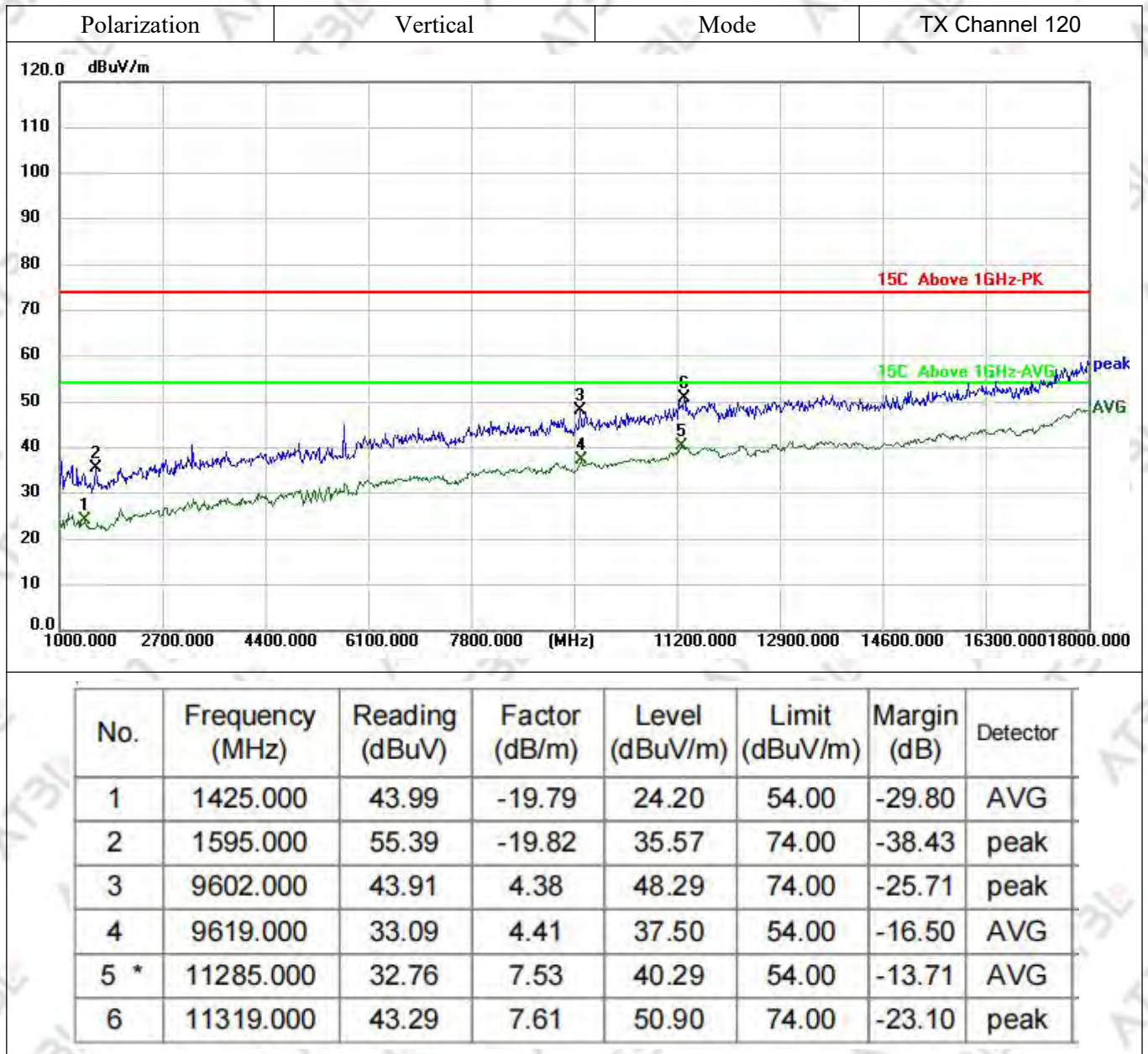


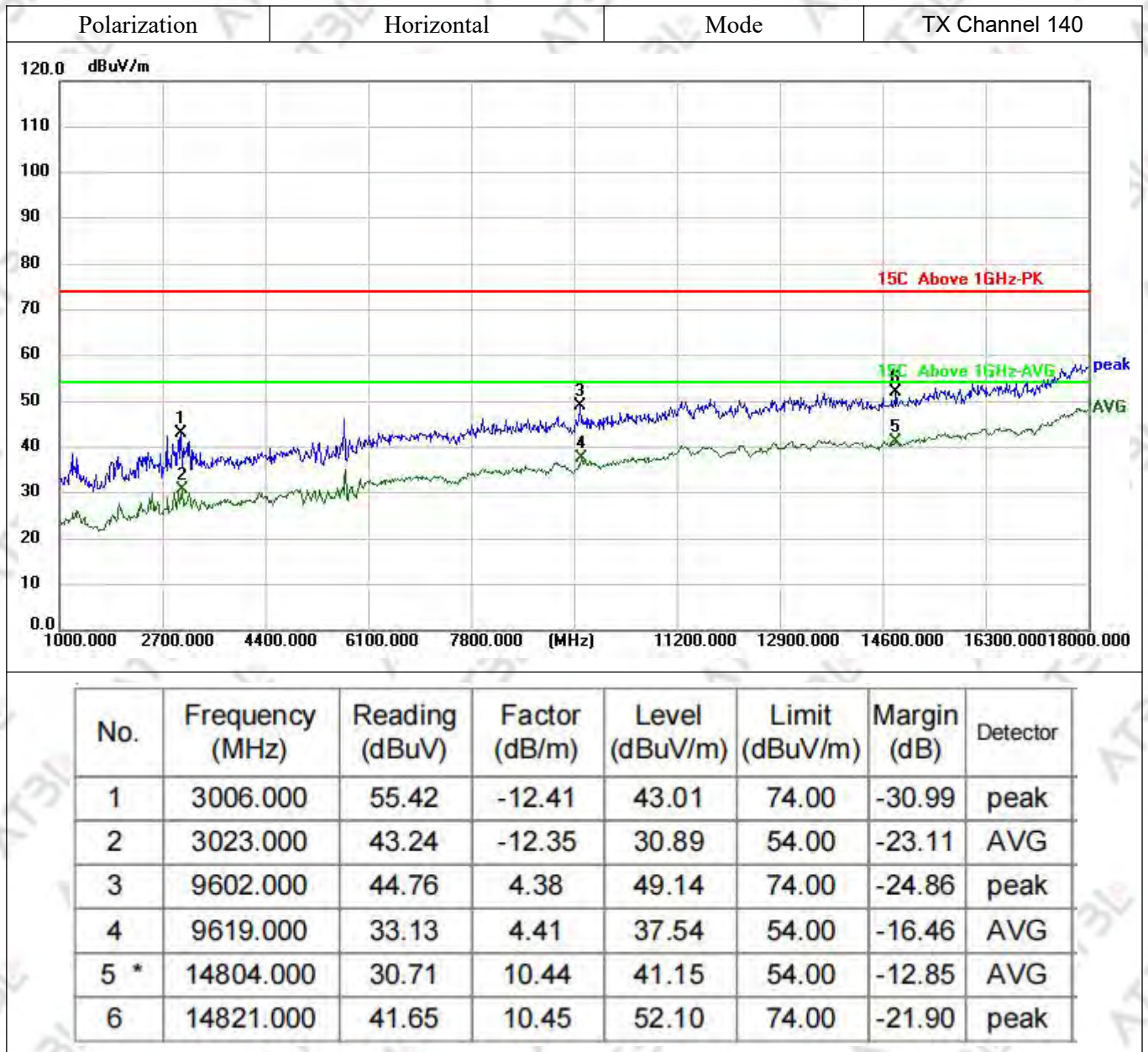
802.11ac(20MHz)

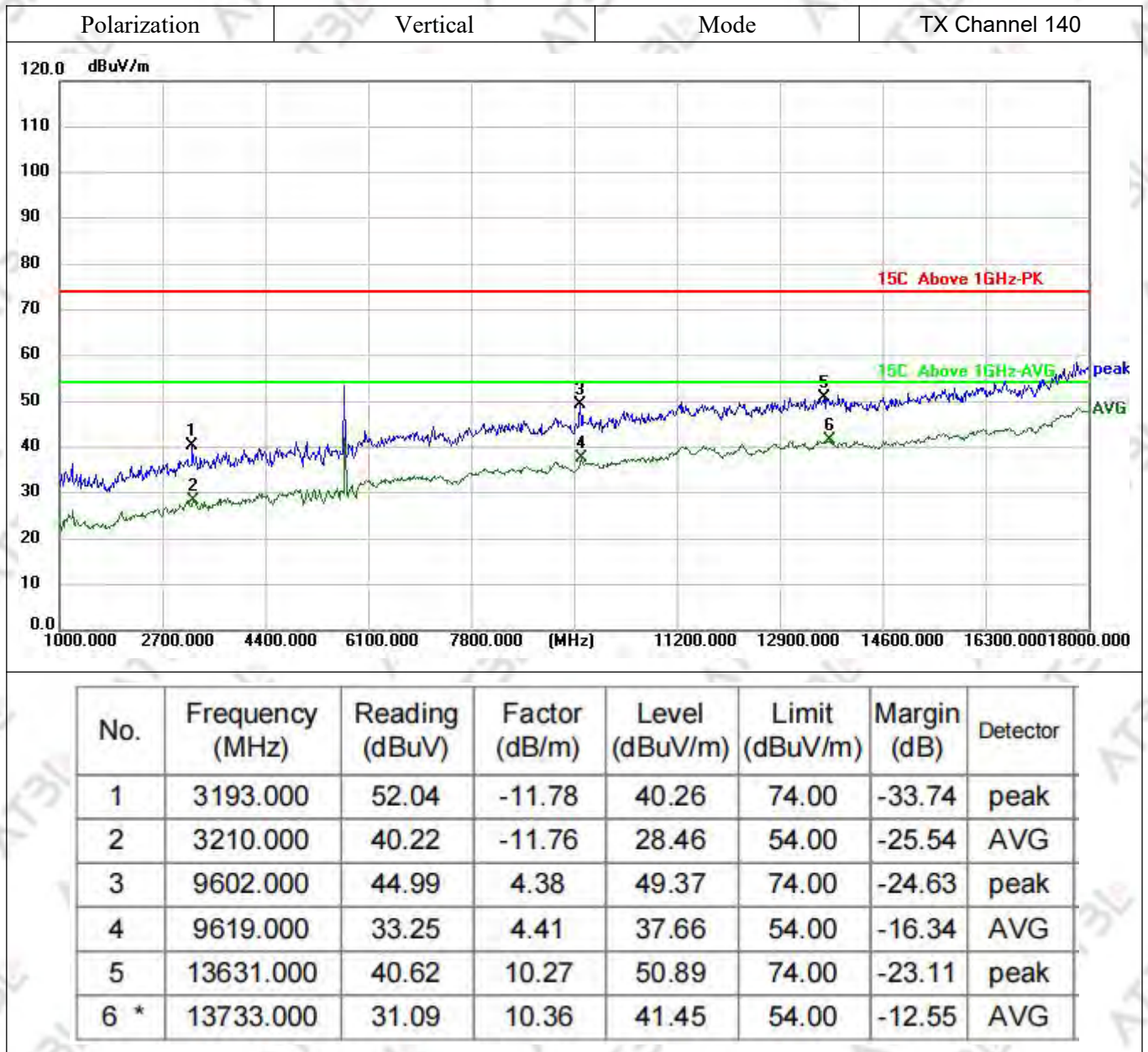




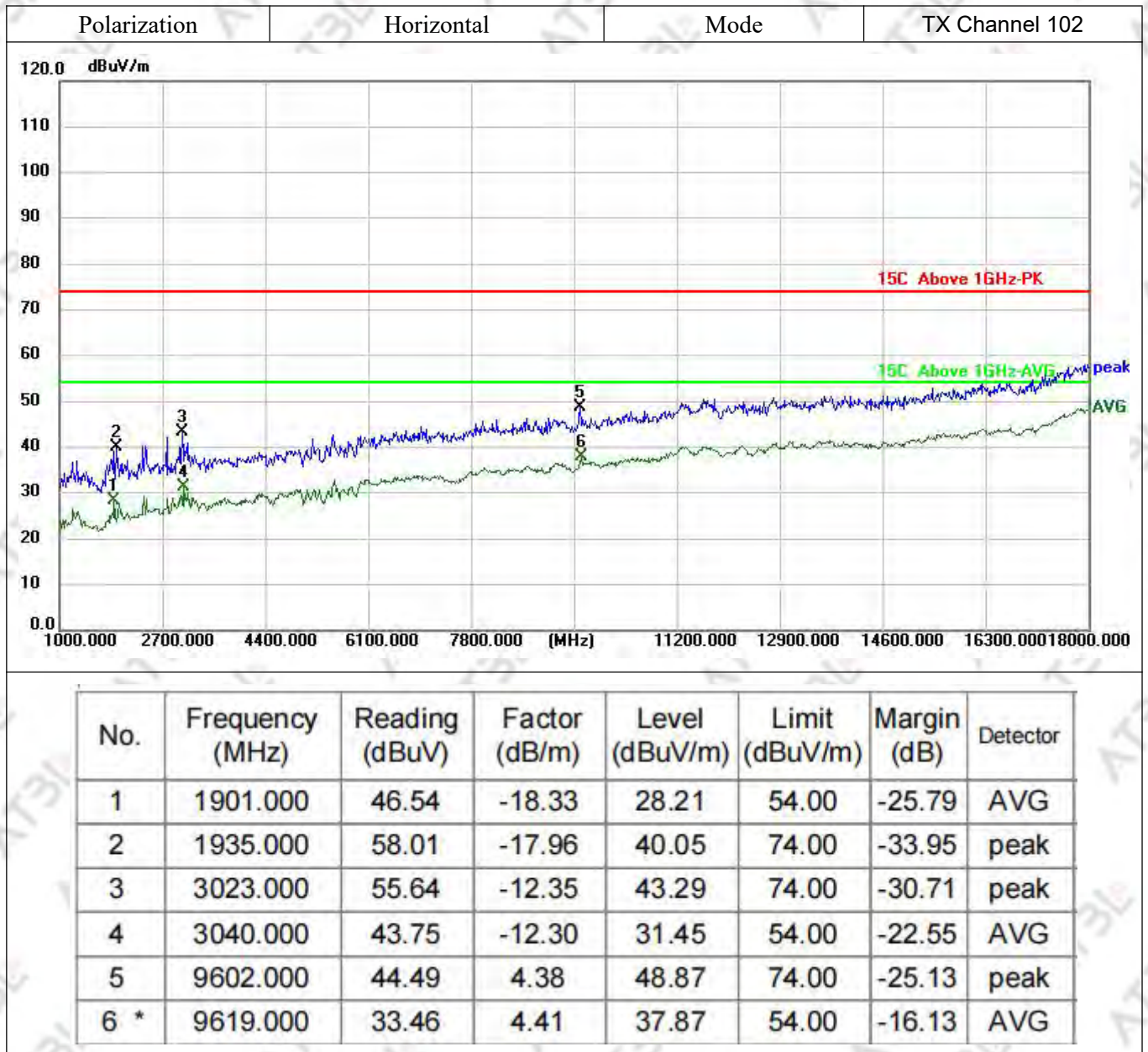


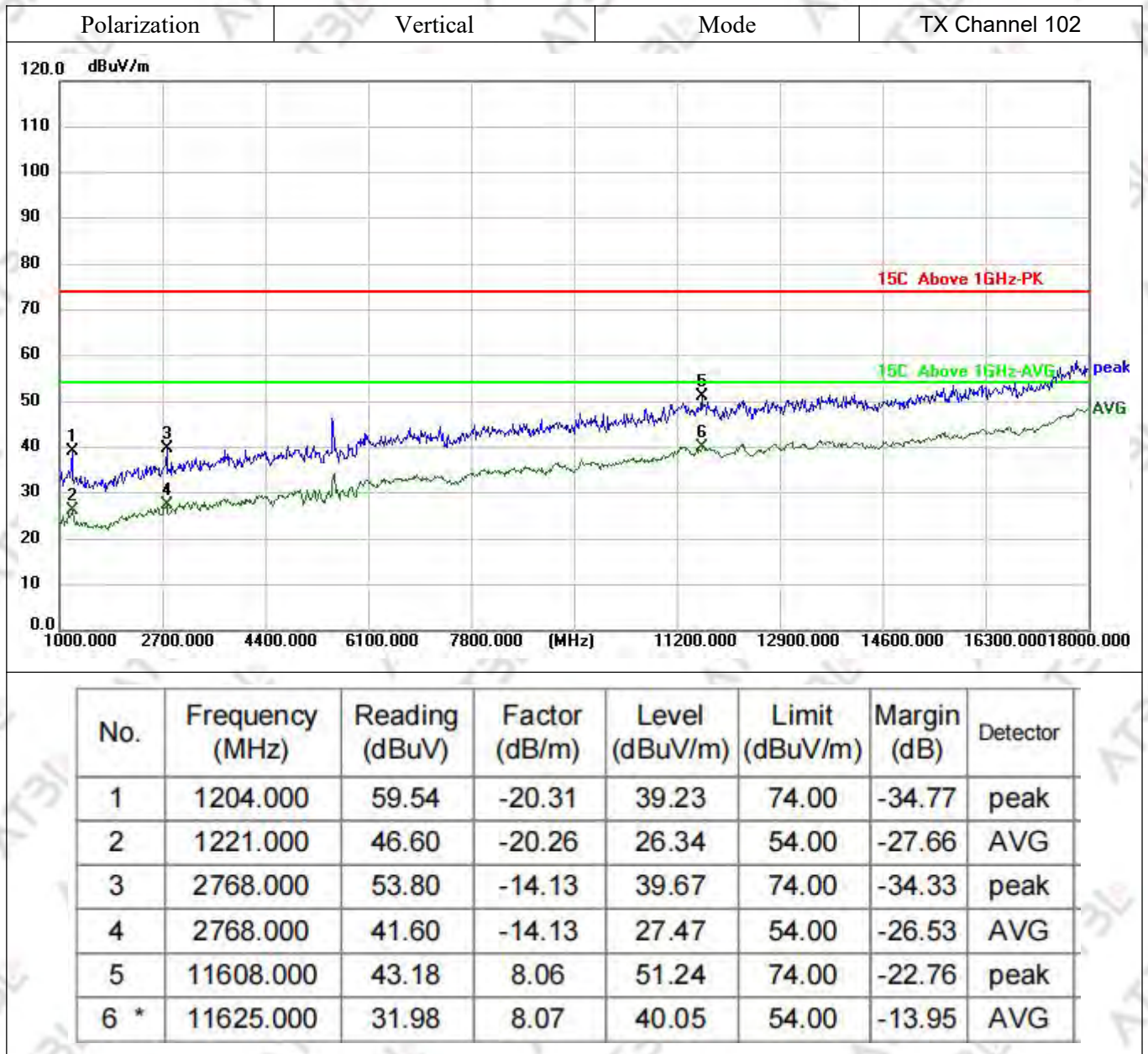


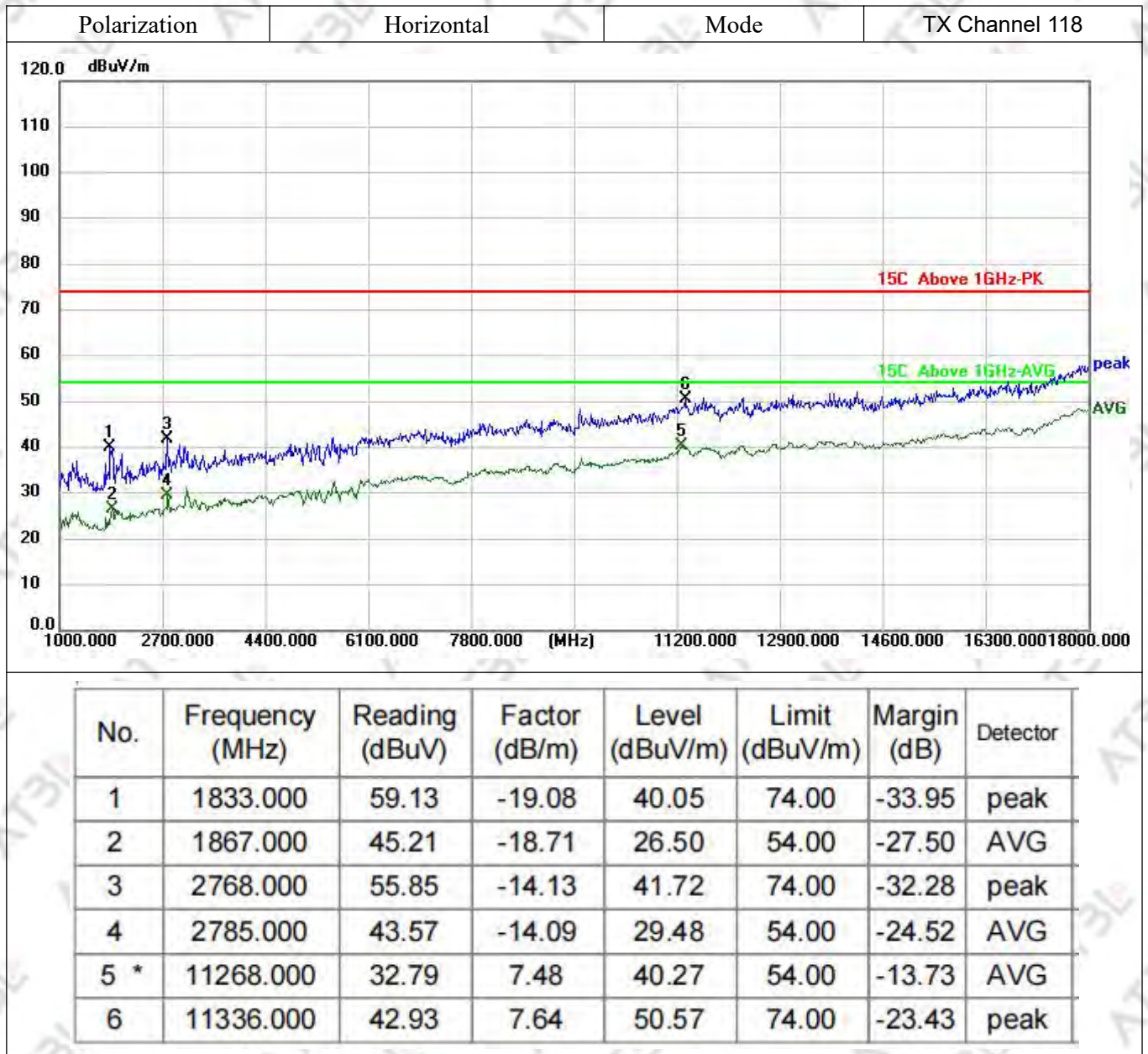


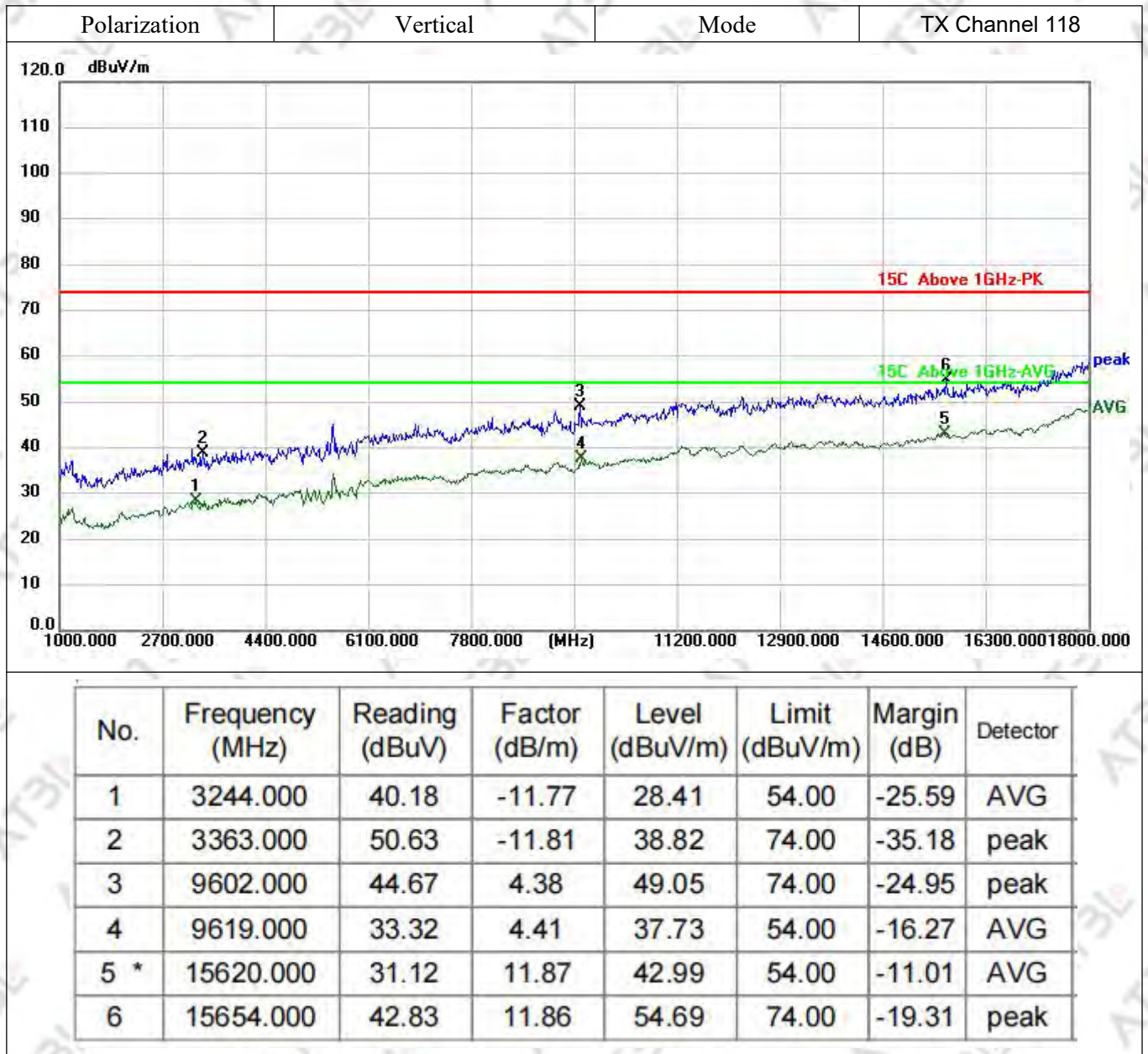


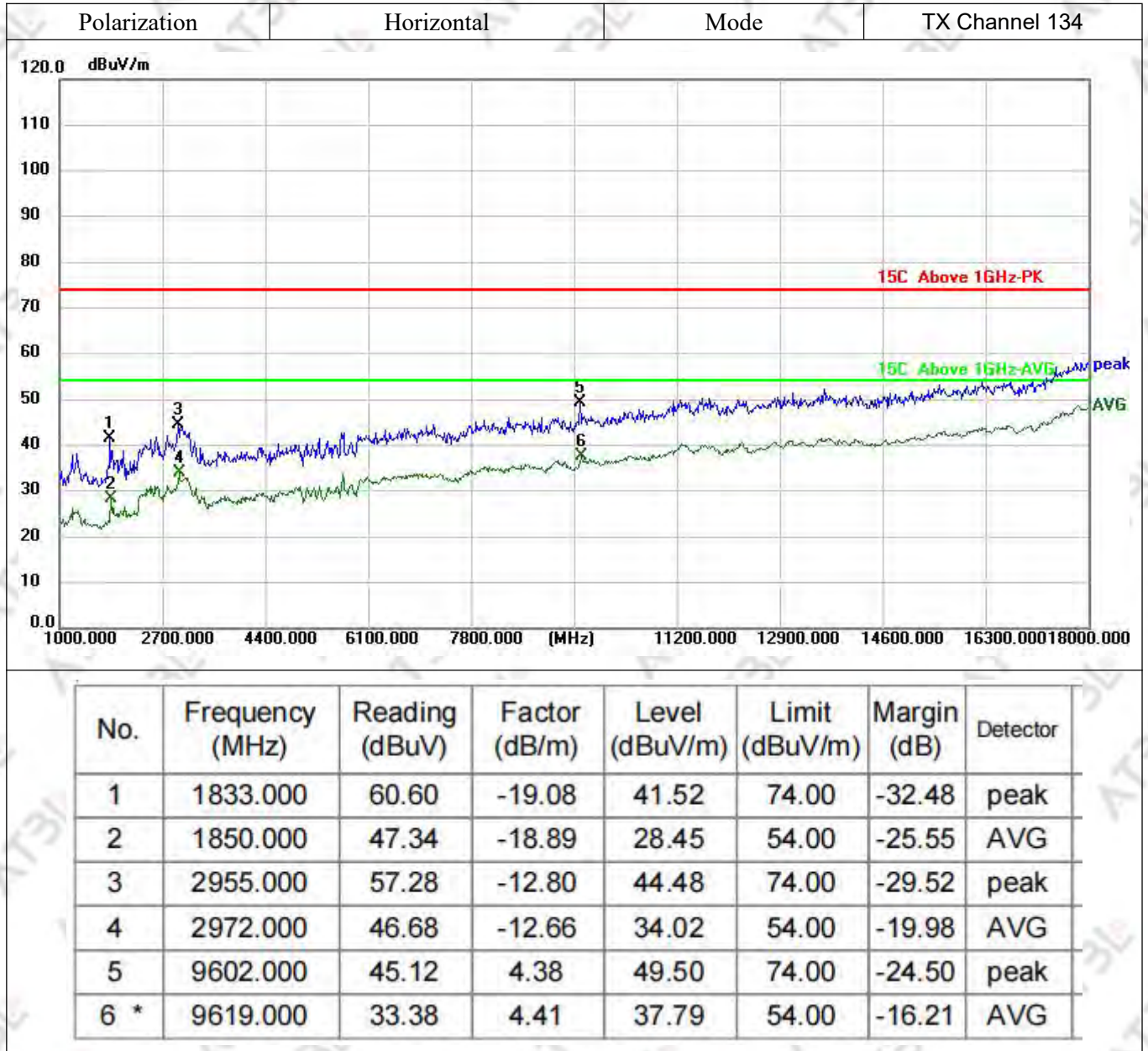
802.11n(40MHz)

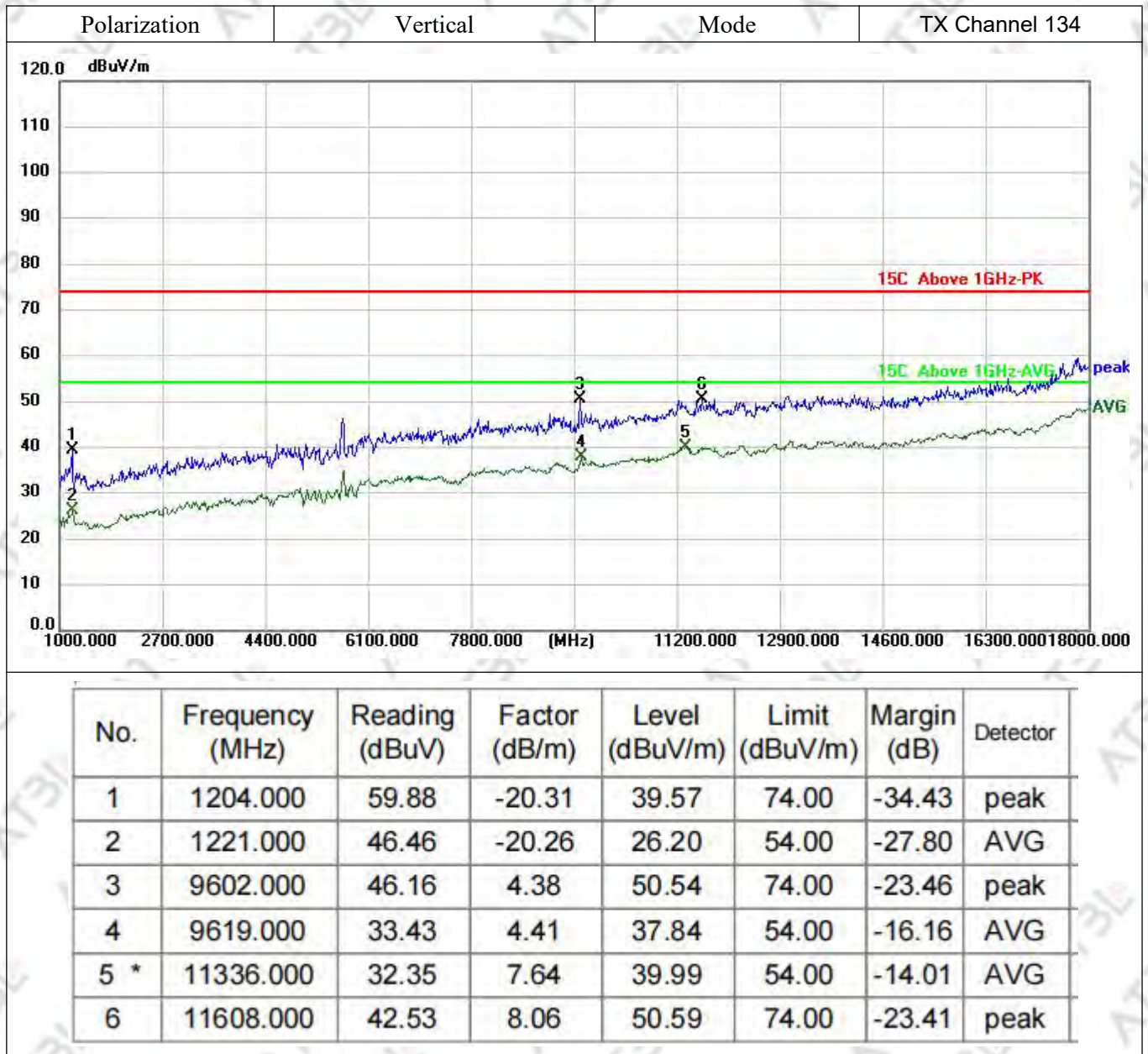




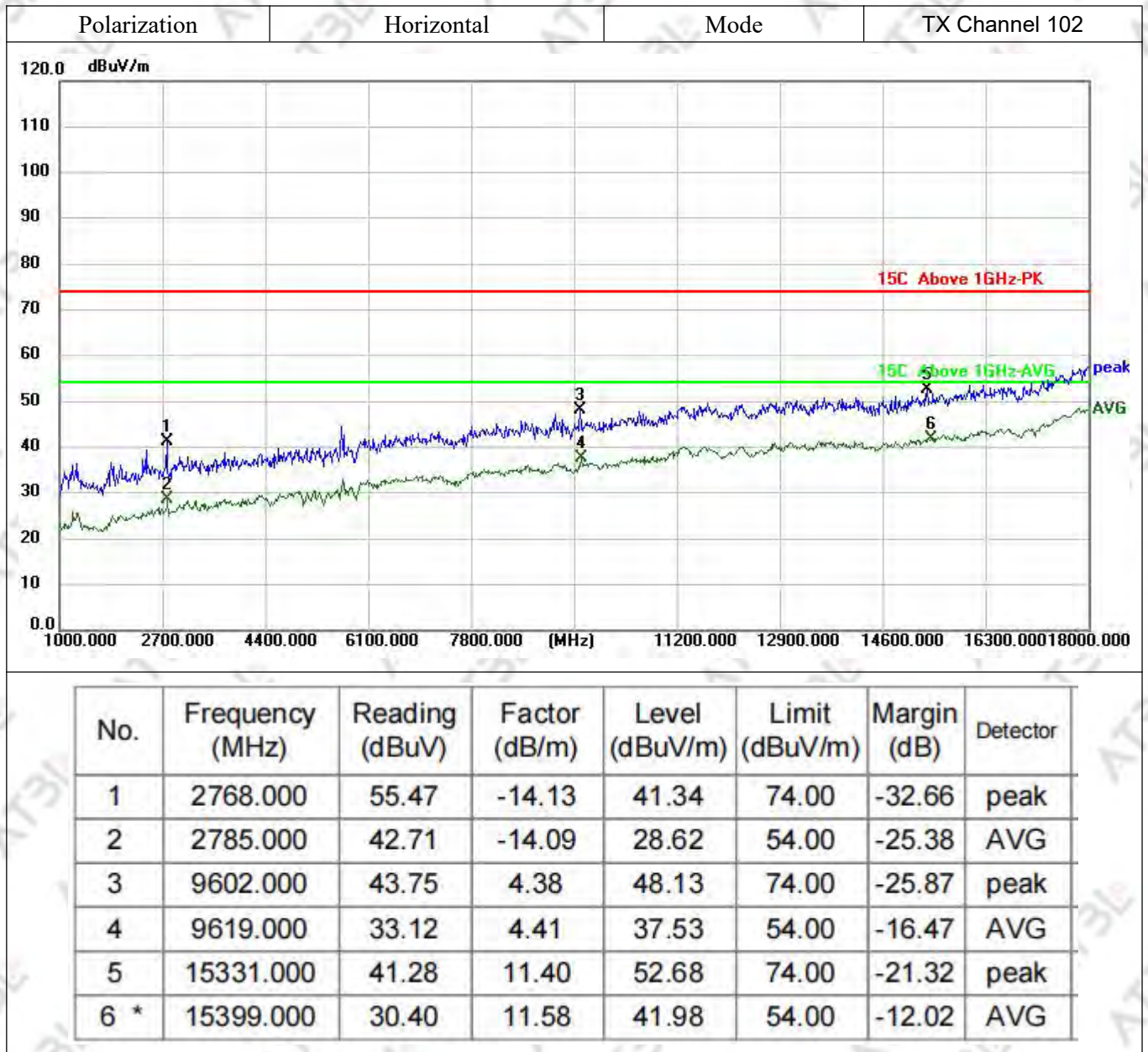


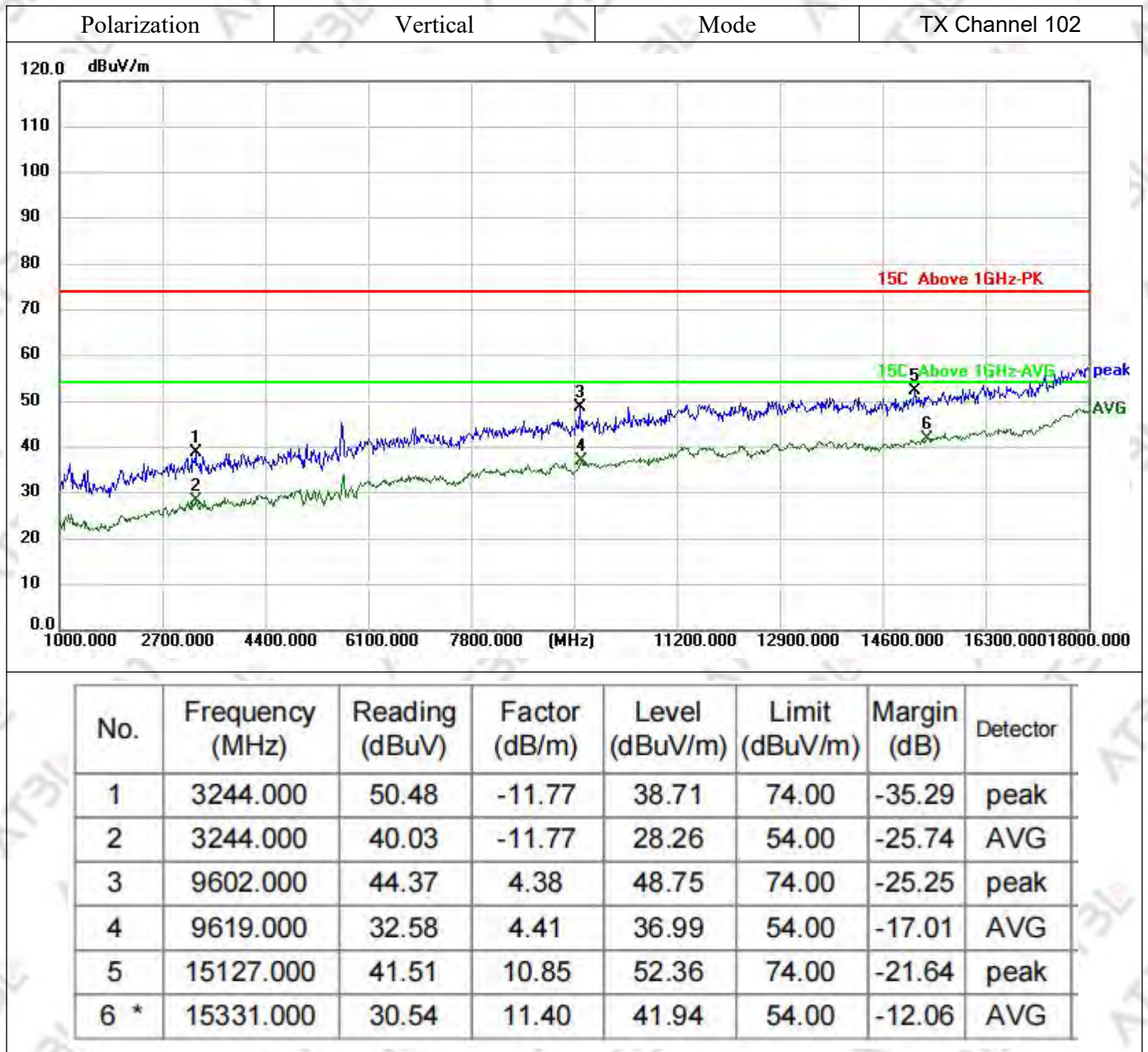


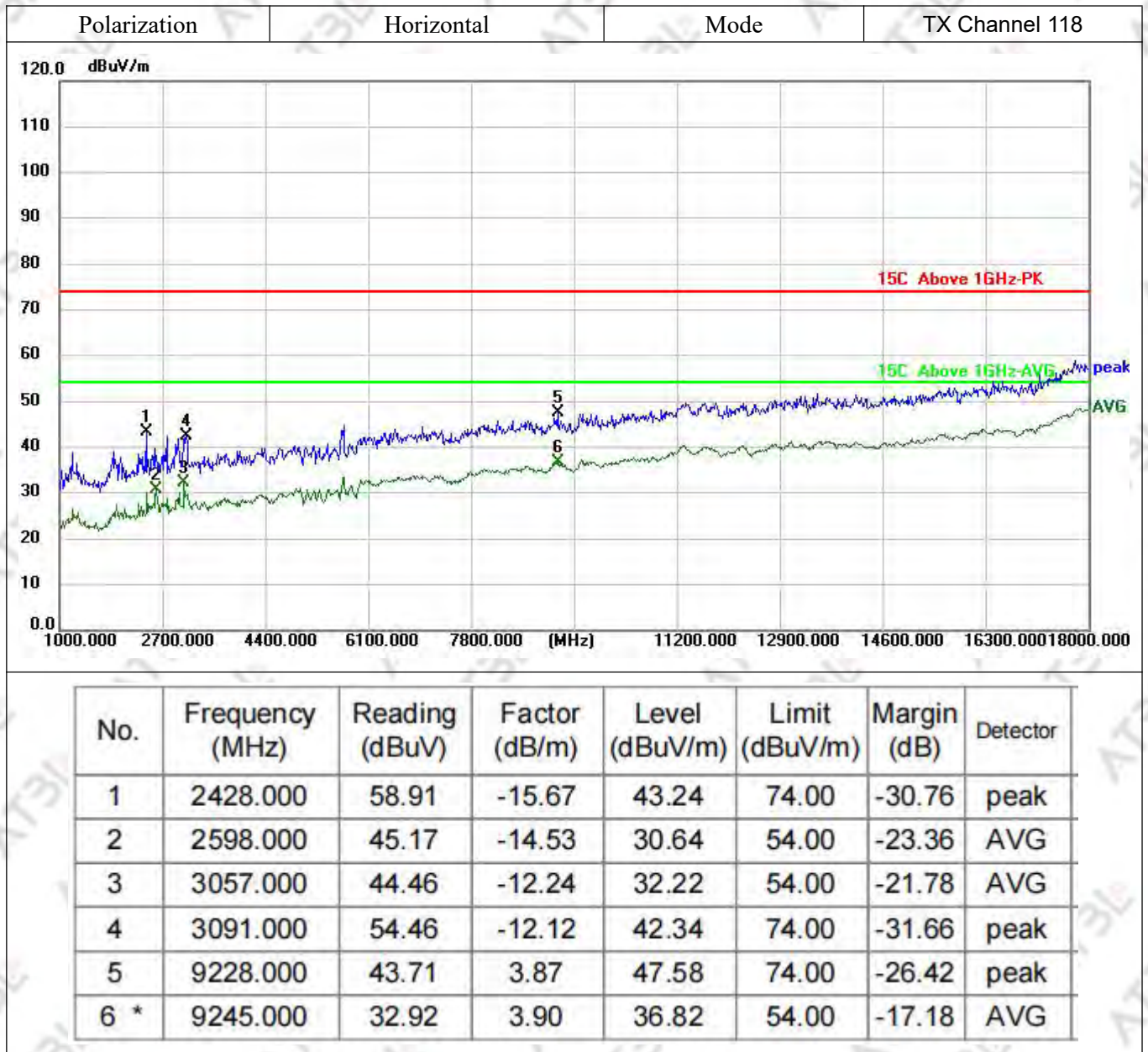


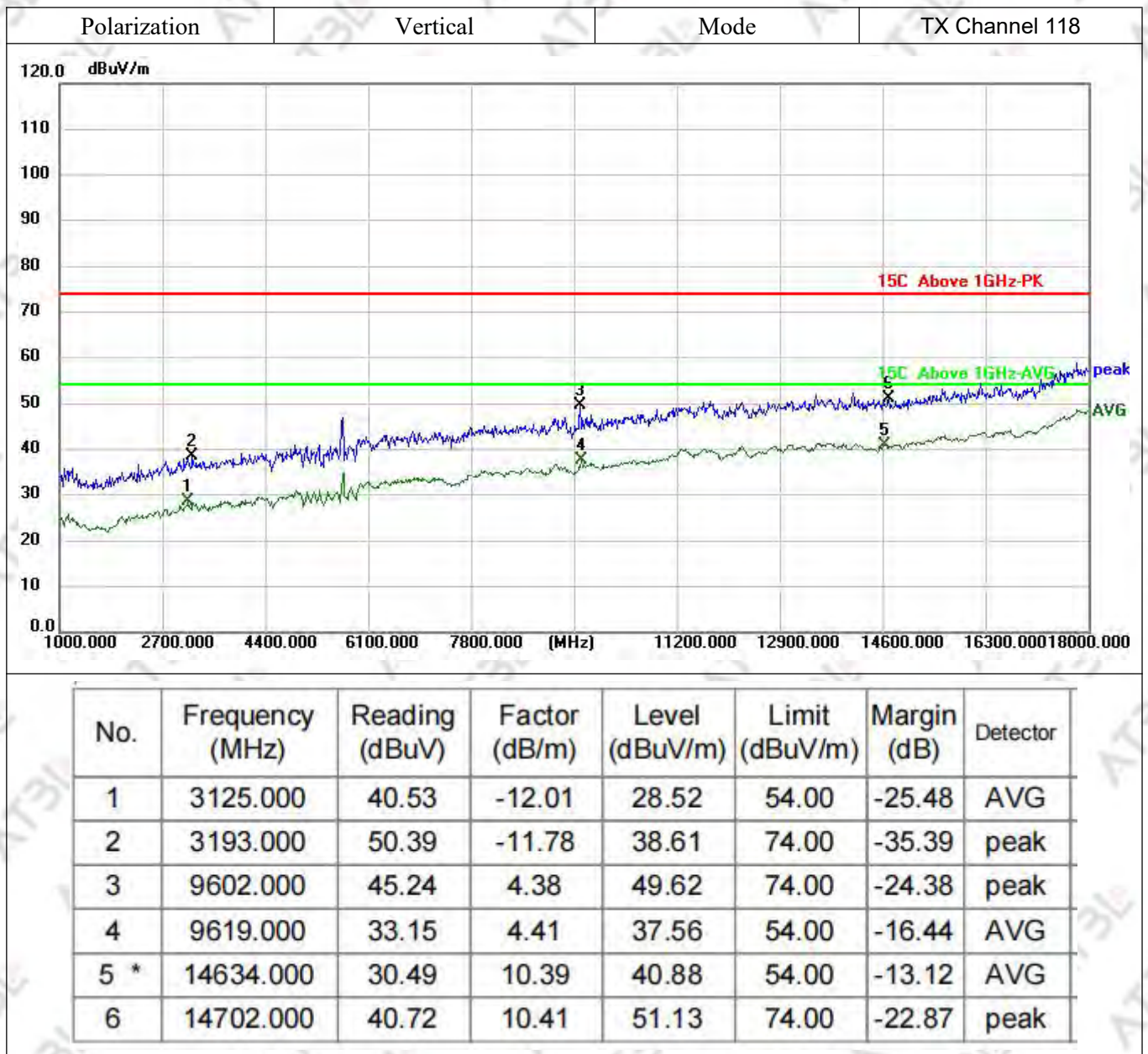


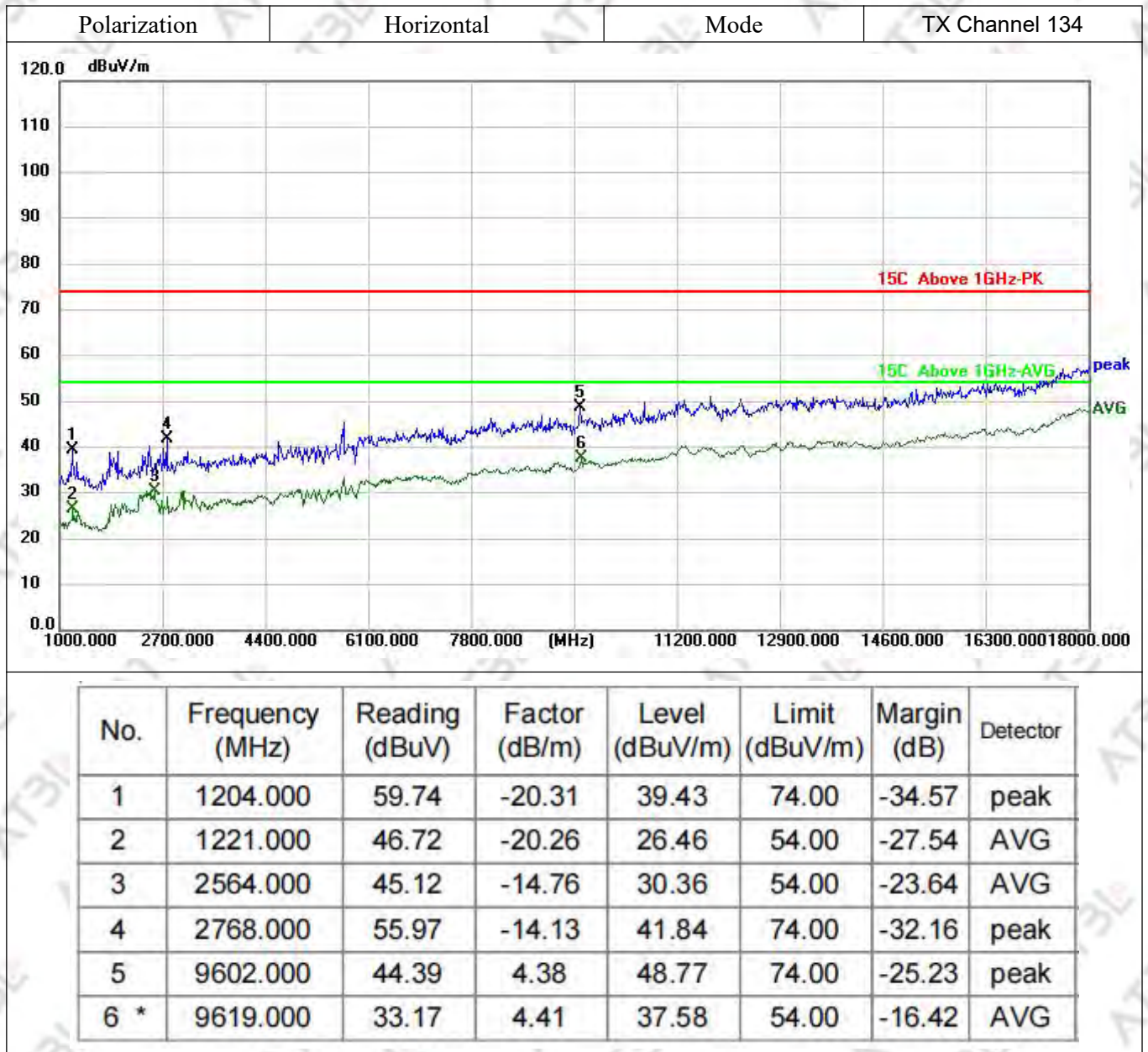
802.11ac(40MHz)

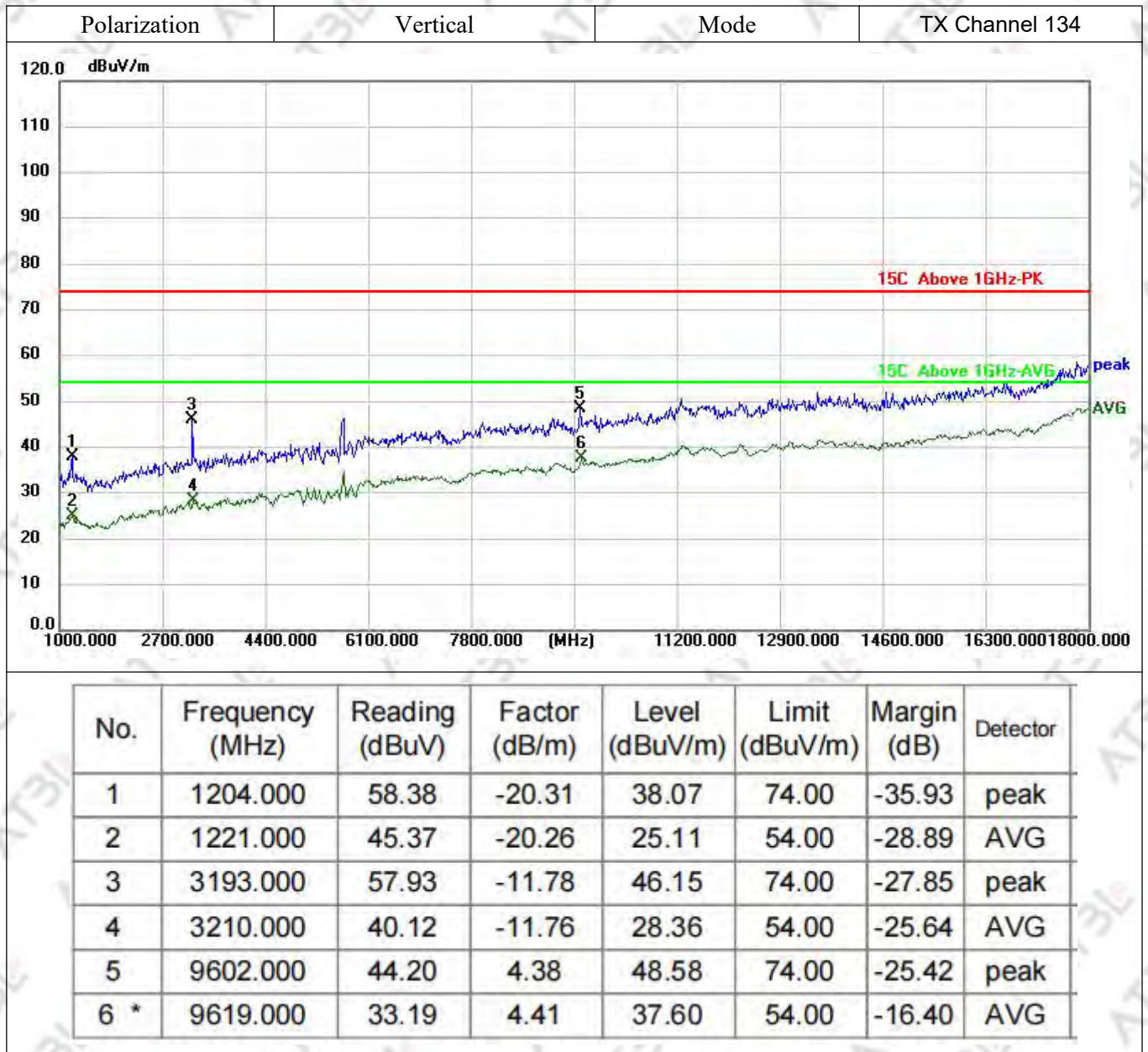




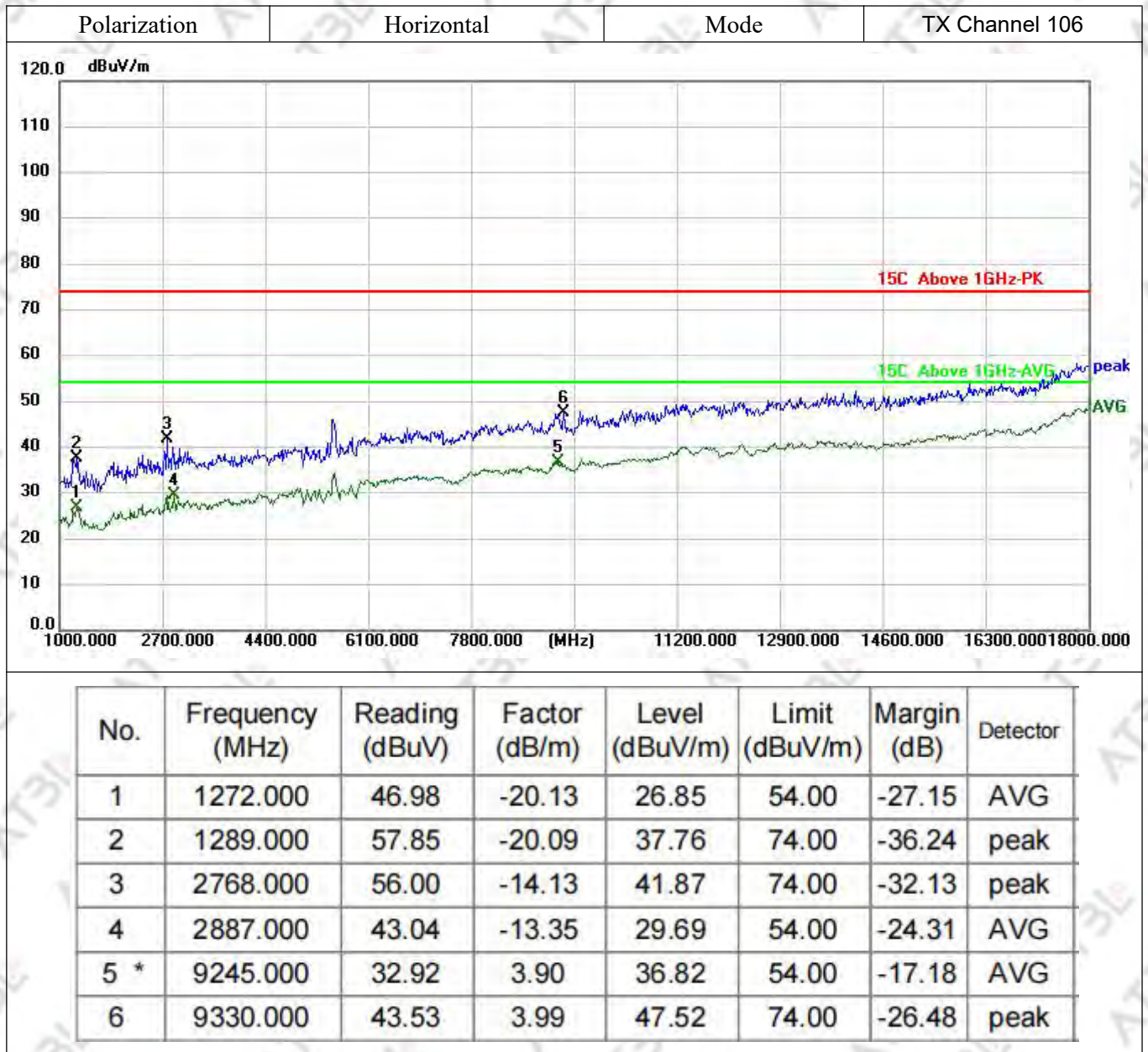


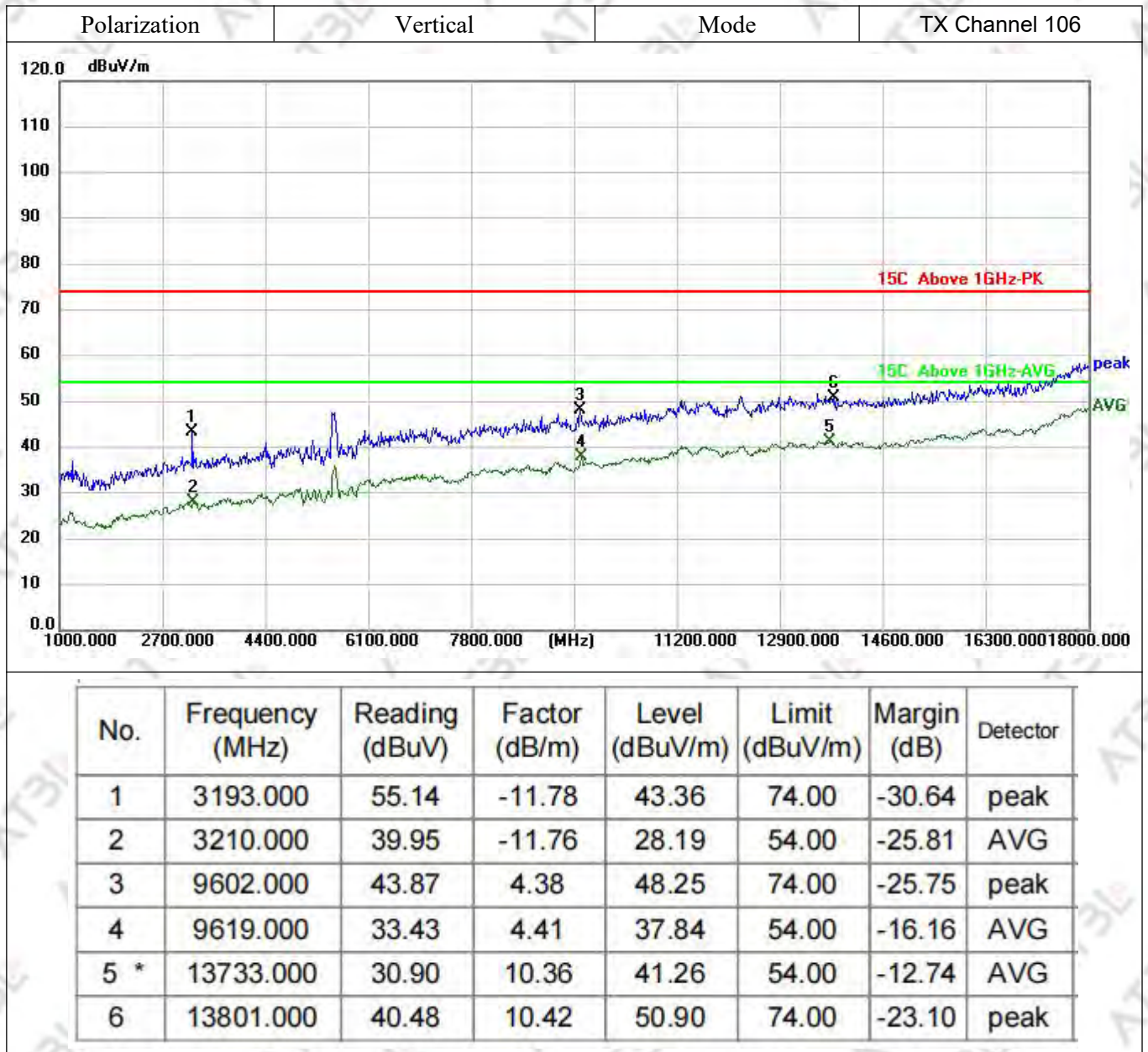


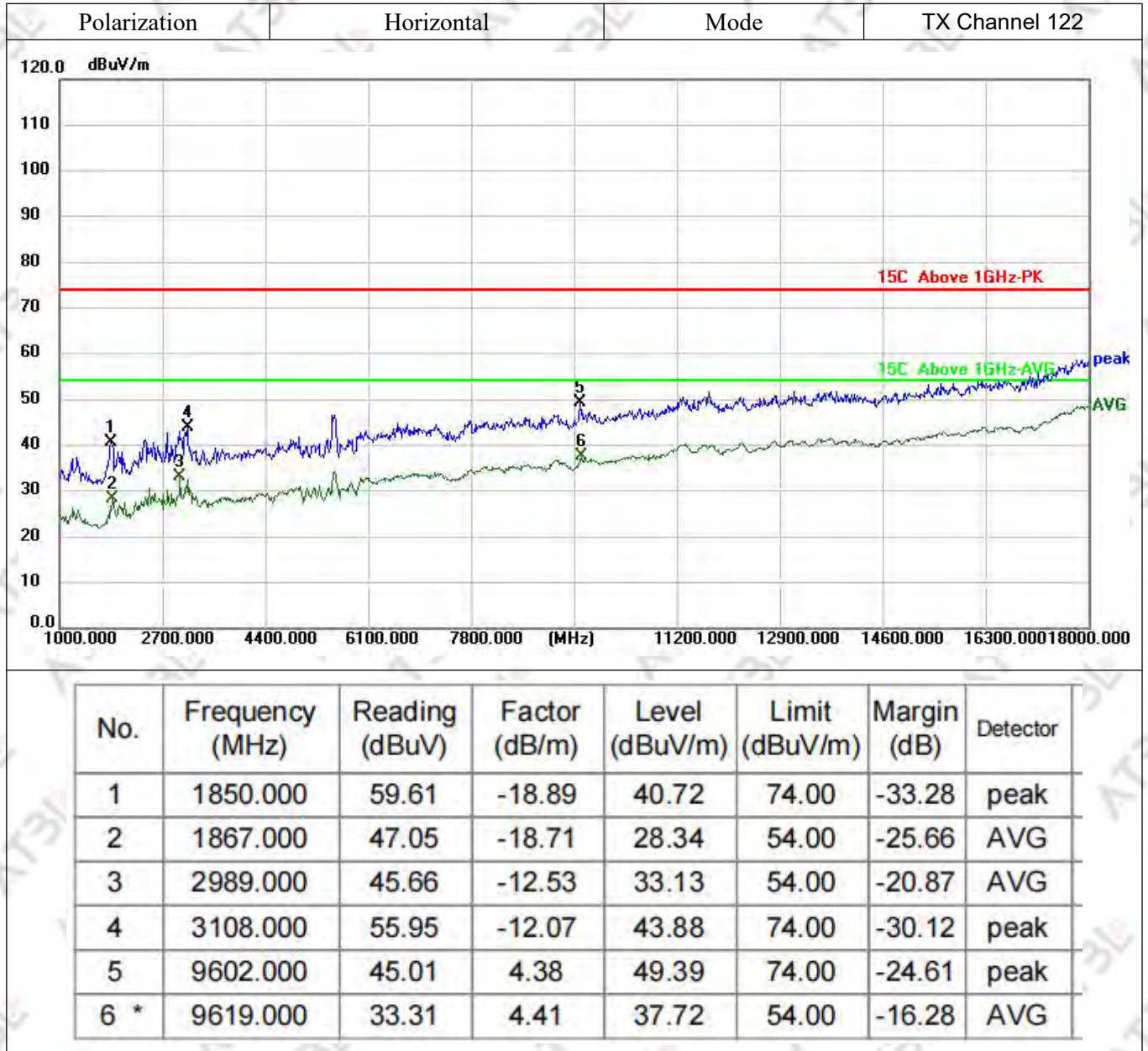


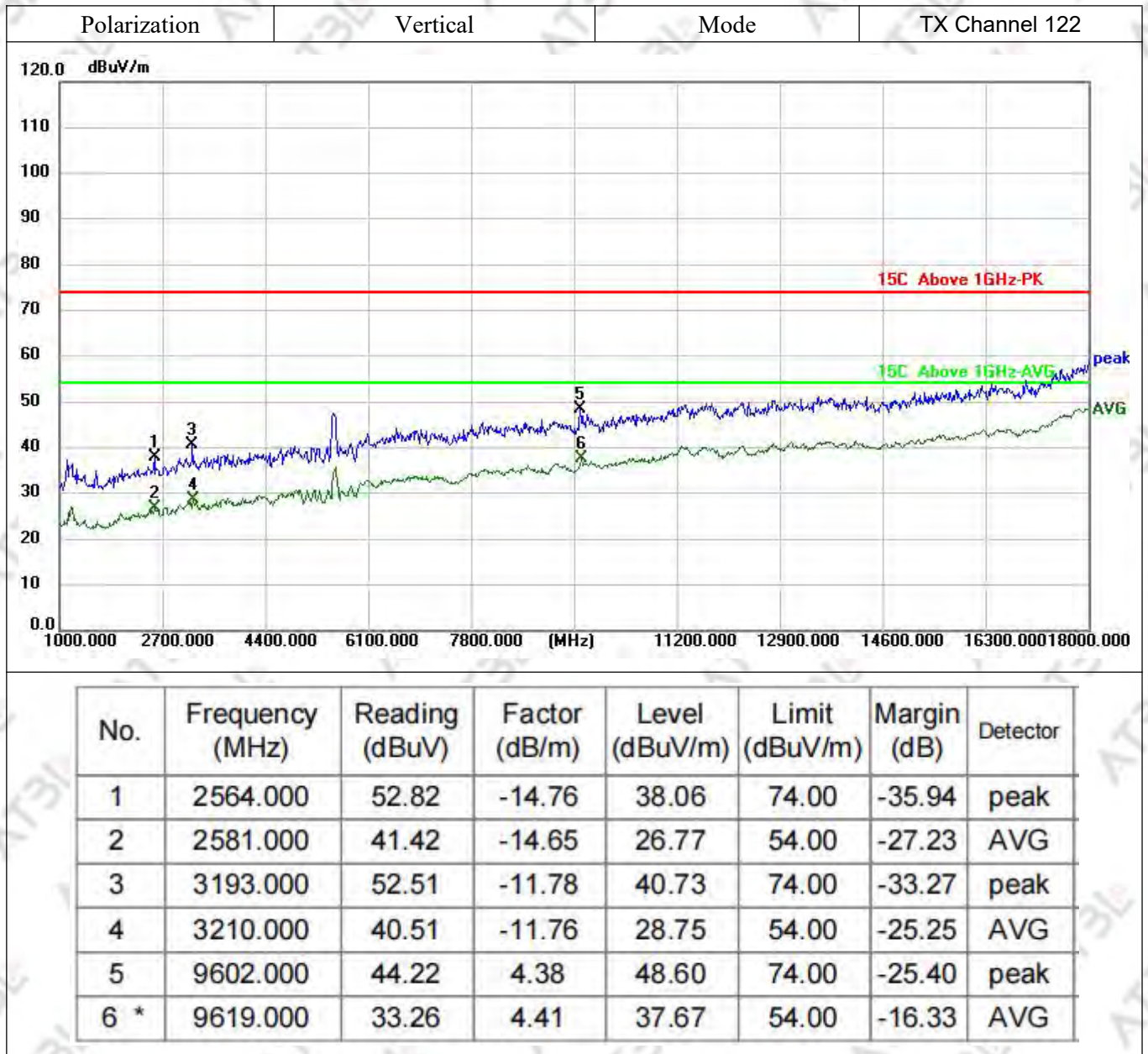


802.11ac(80MHz)



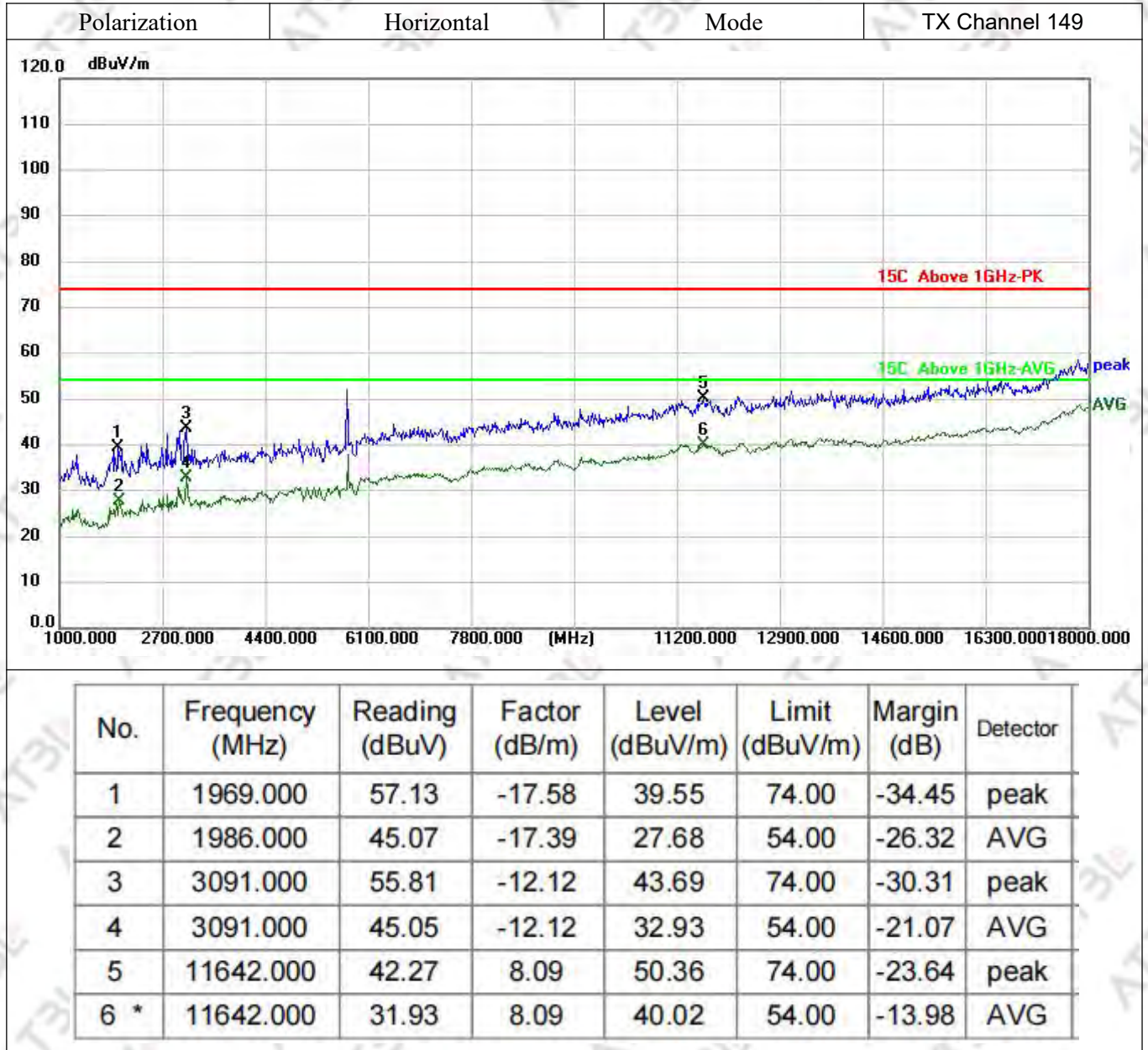


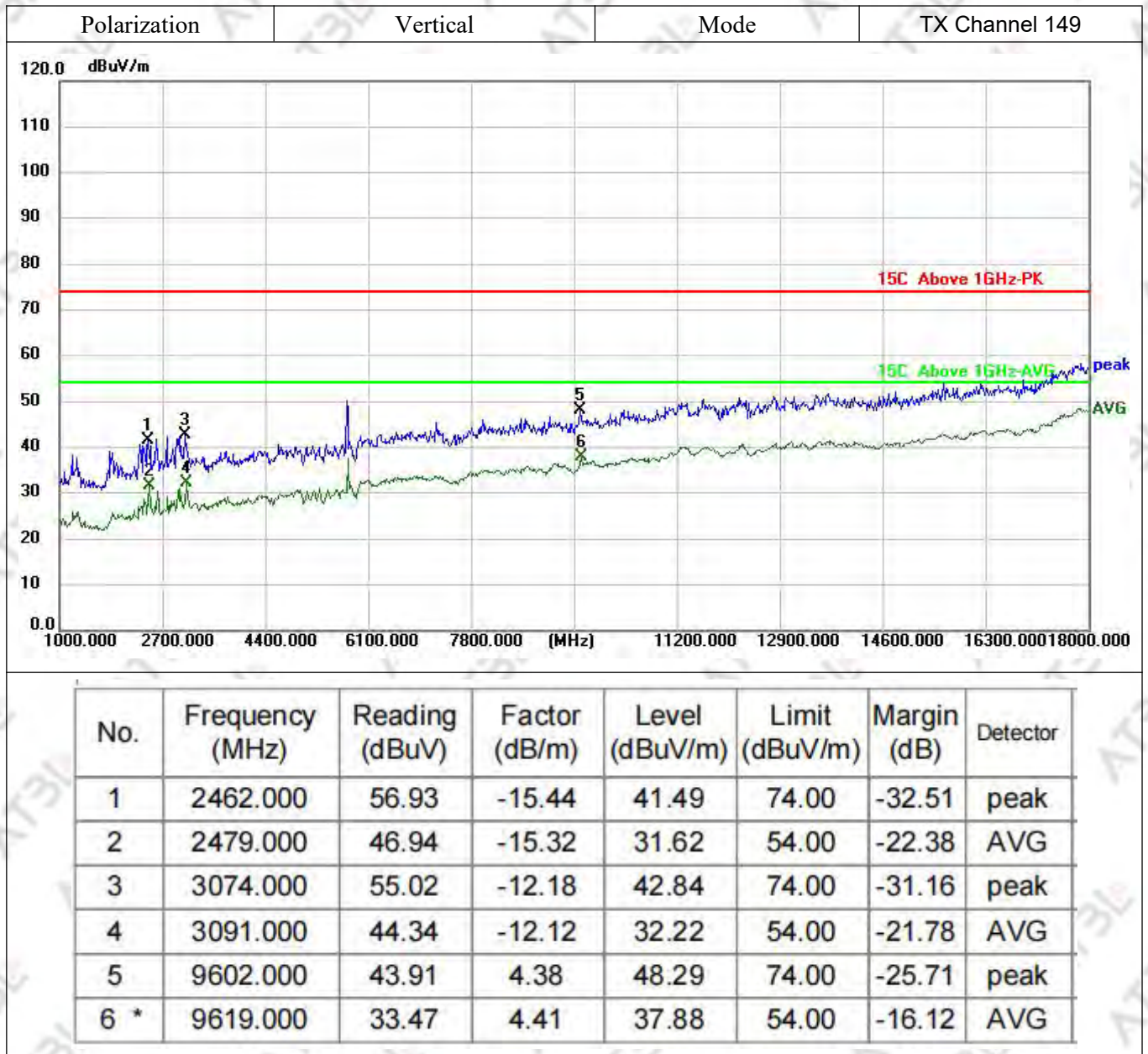


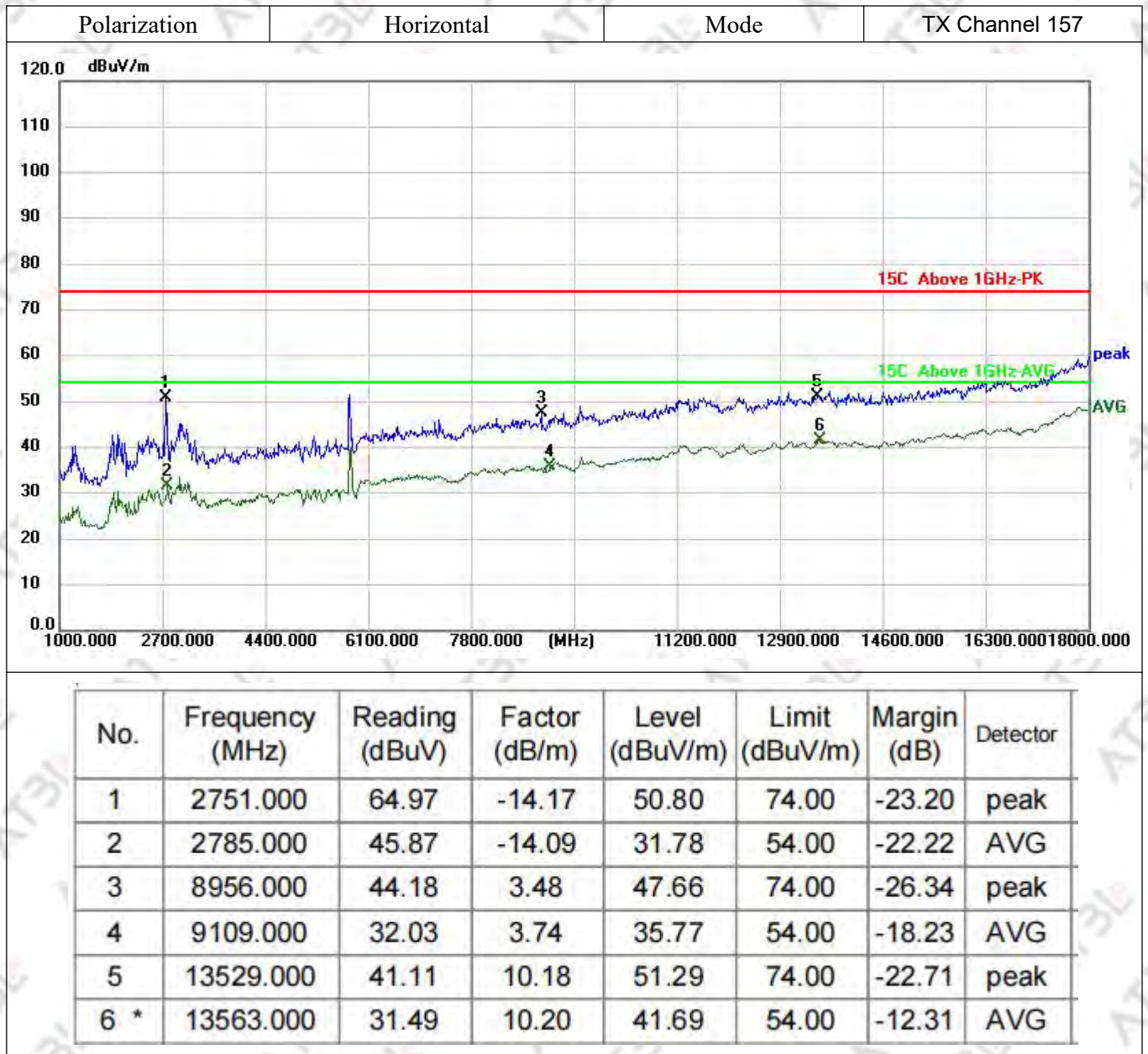


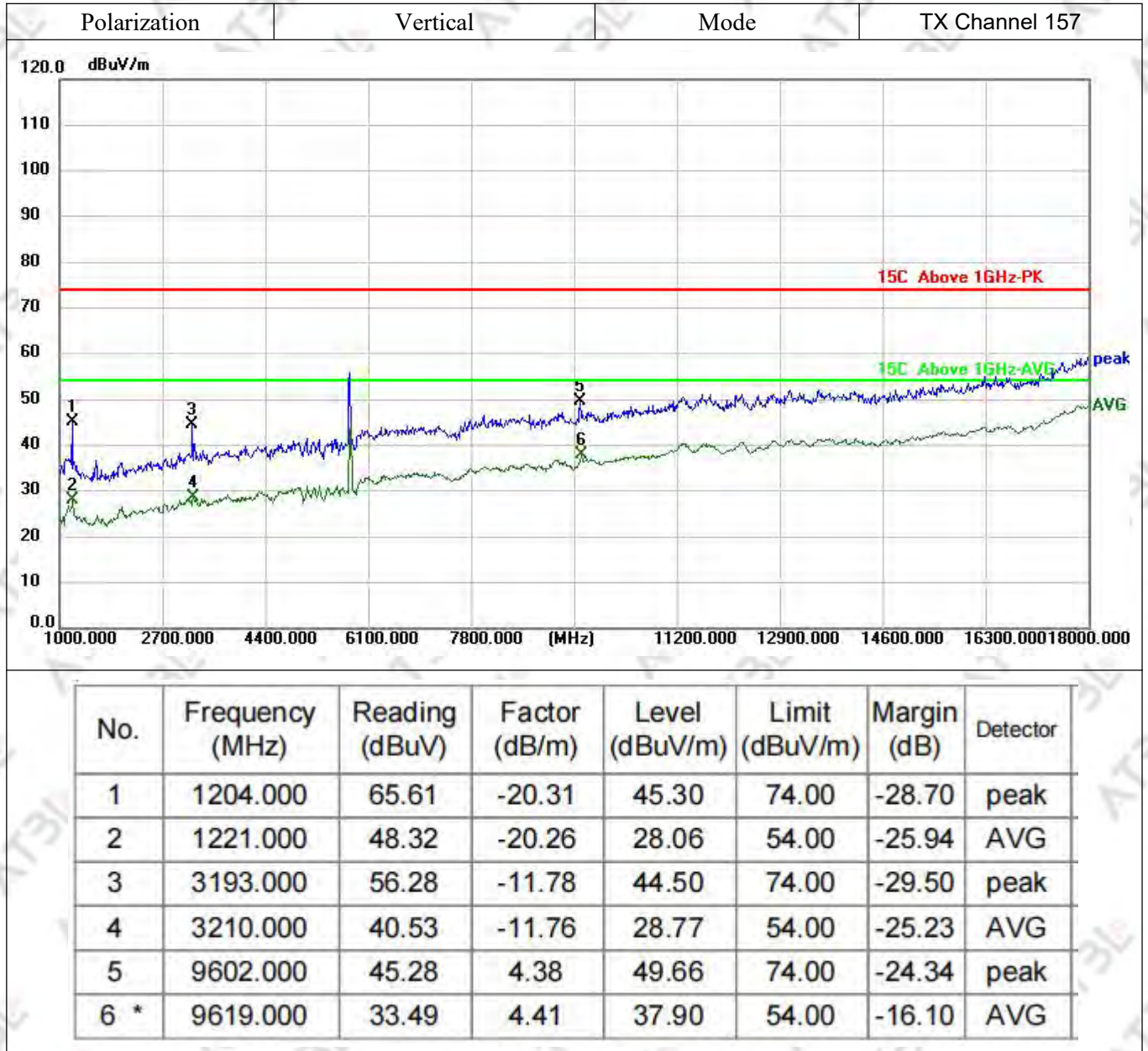
Band 4 (5725-5850MHz):

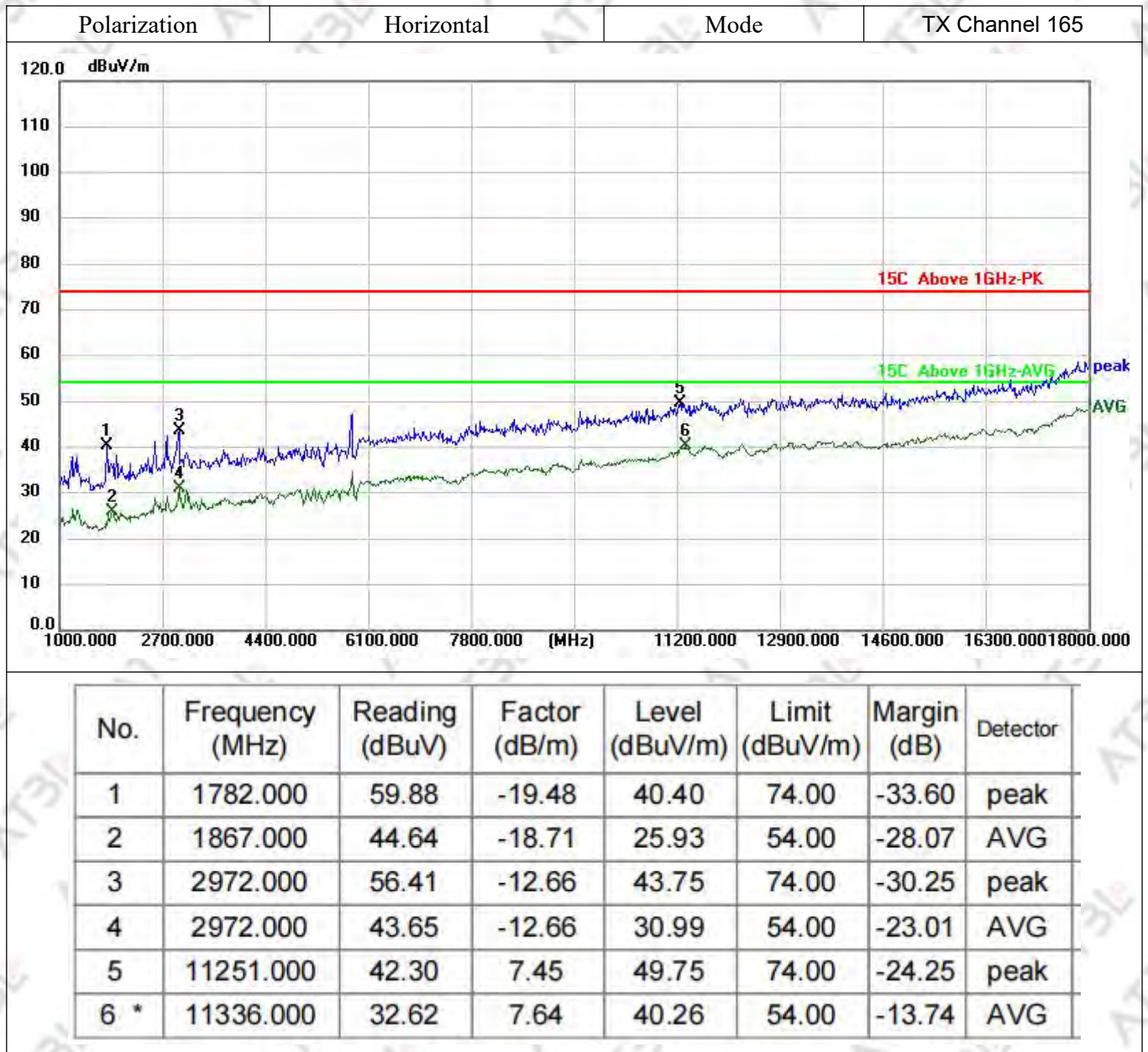
802.11a

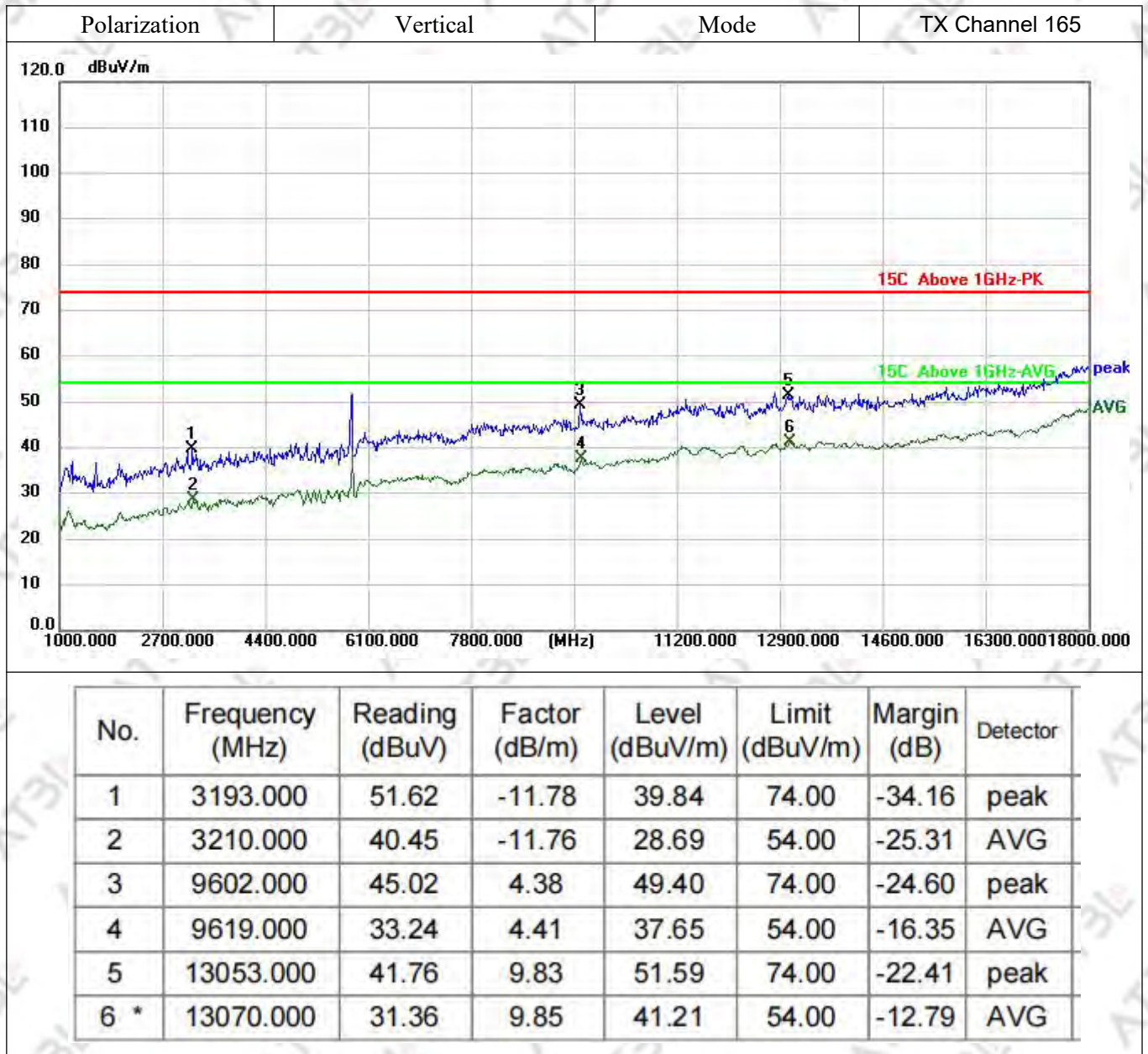




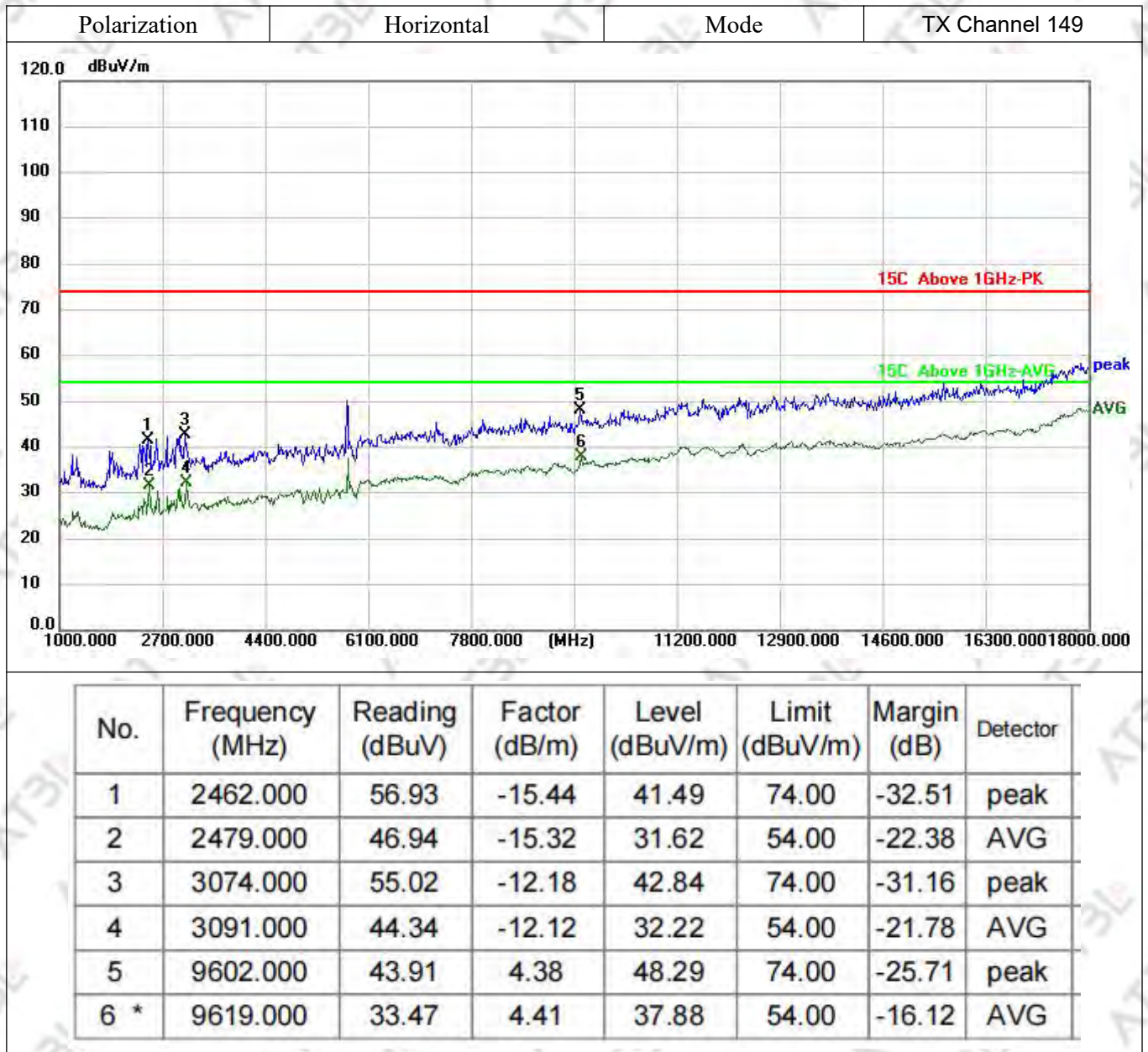


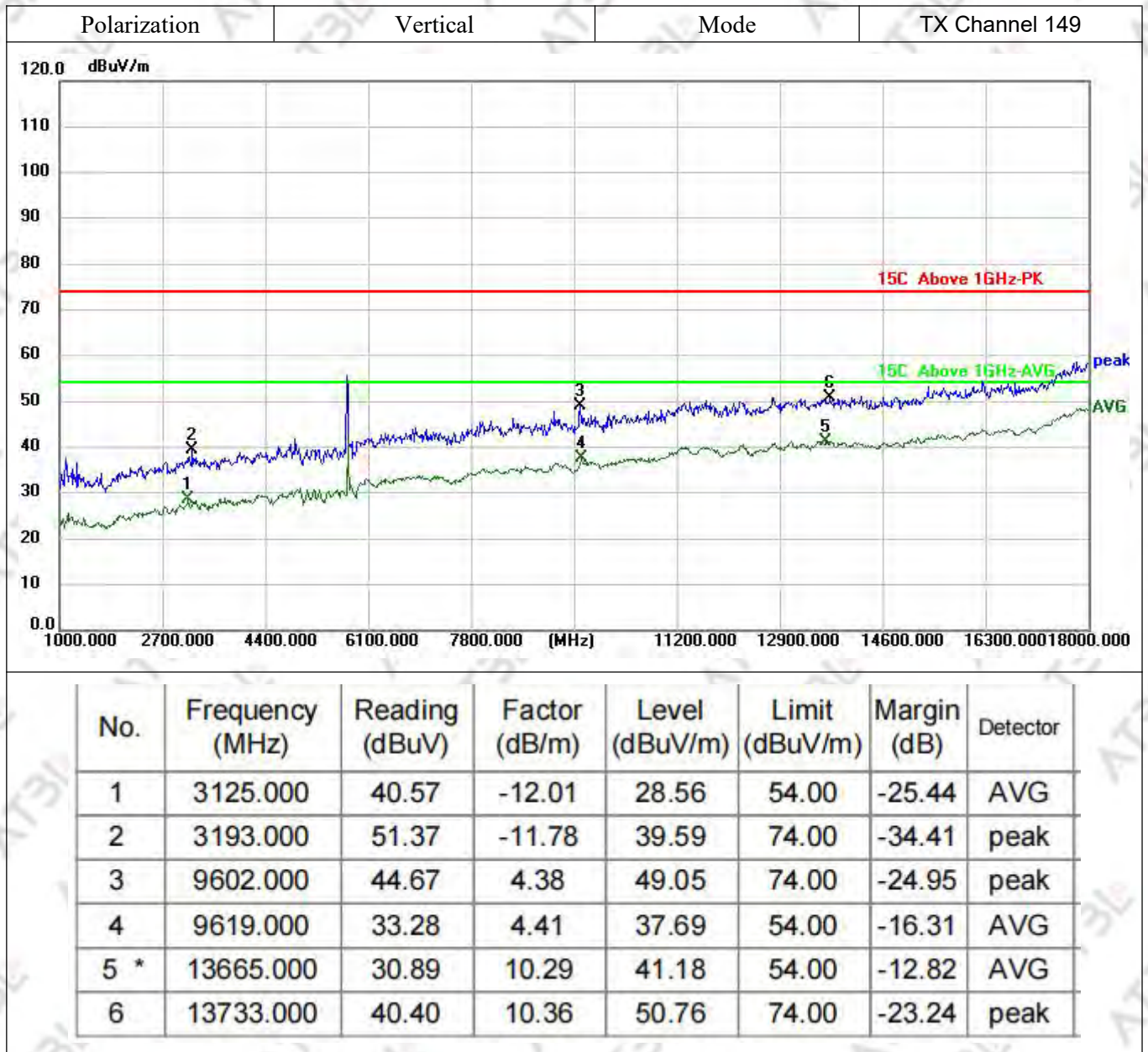


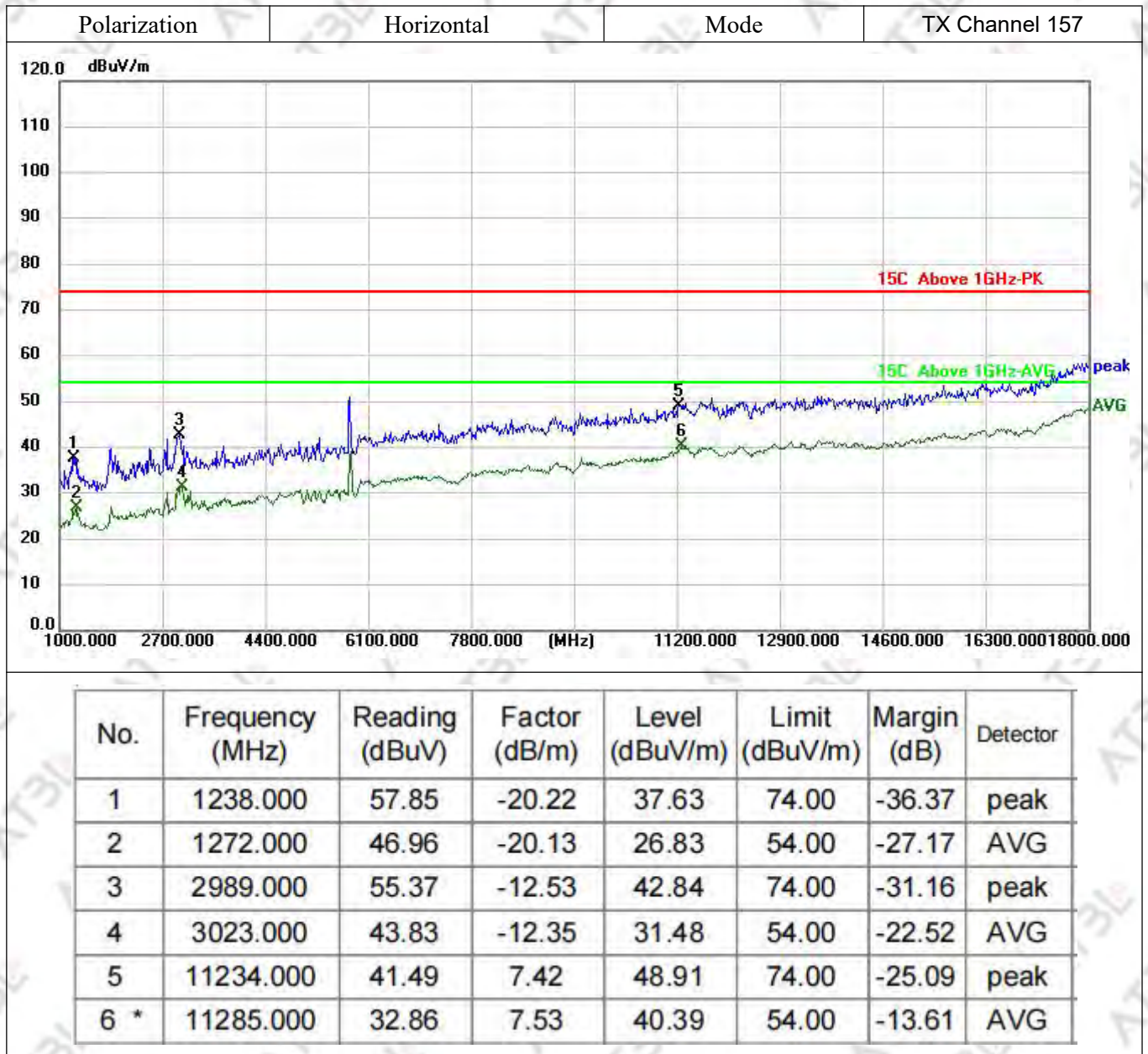


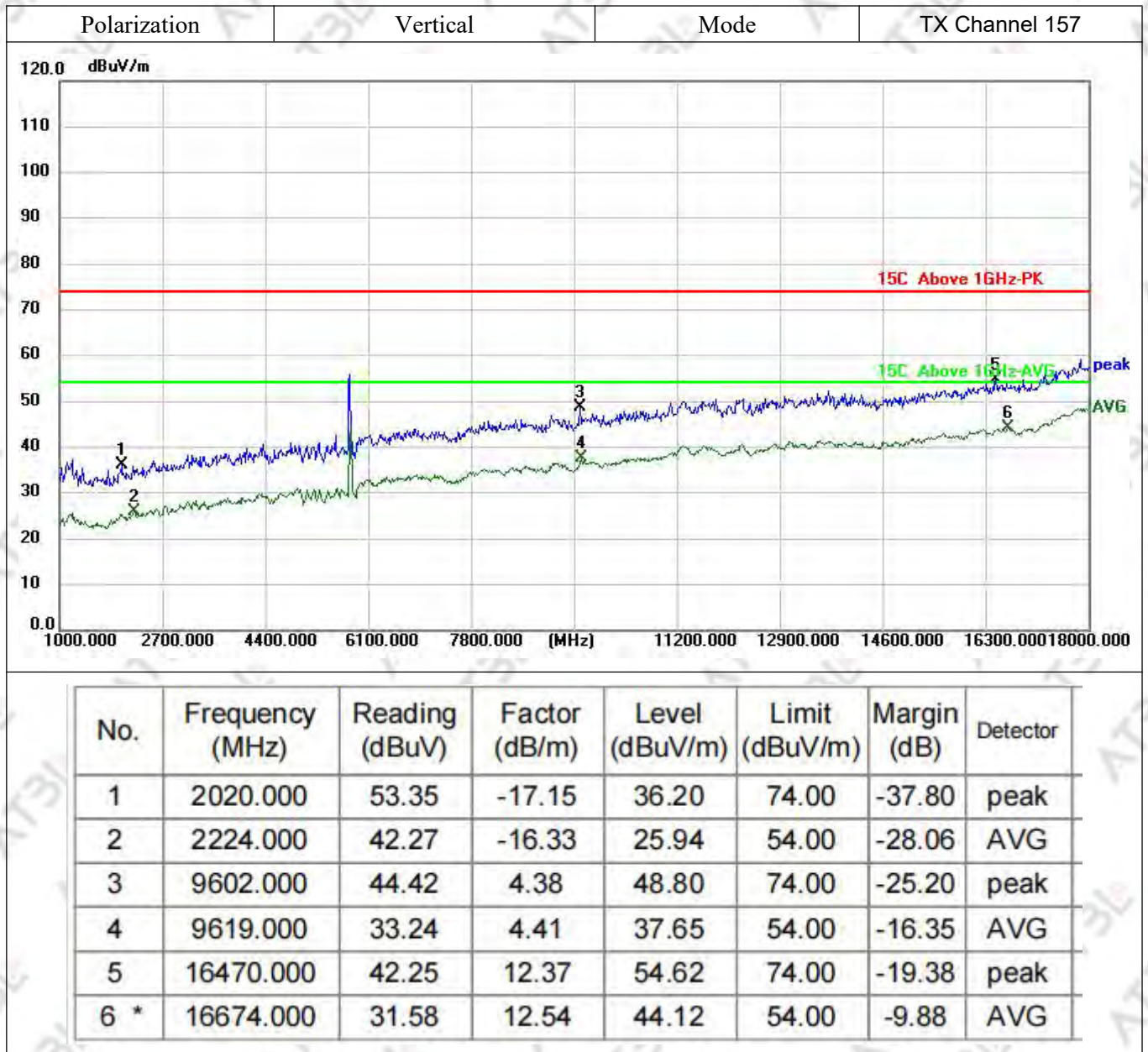


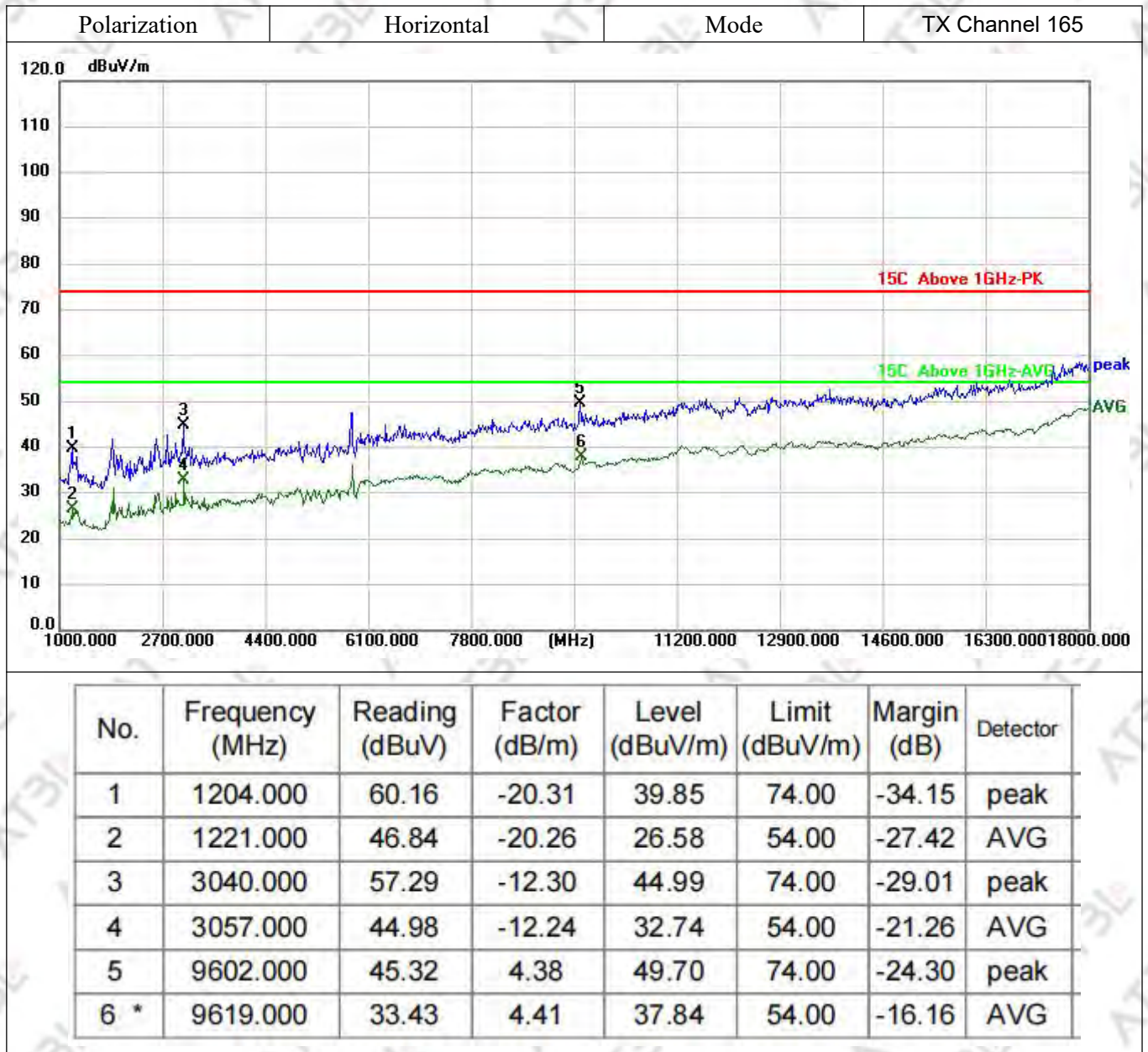
802.11n(20MHz)

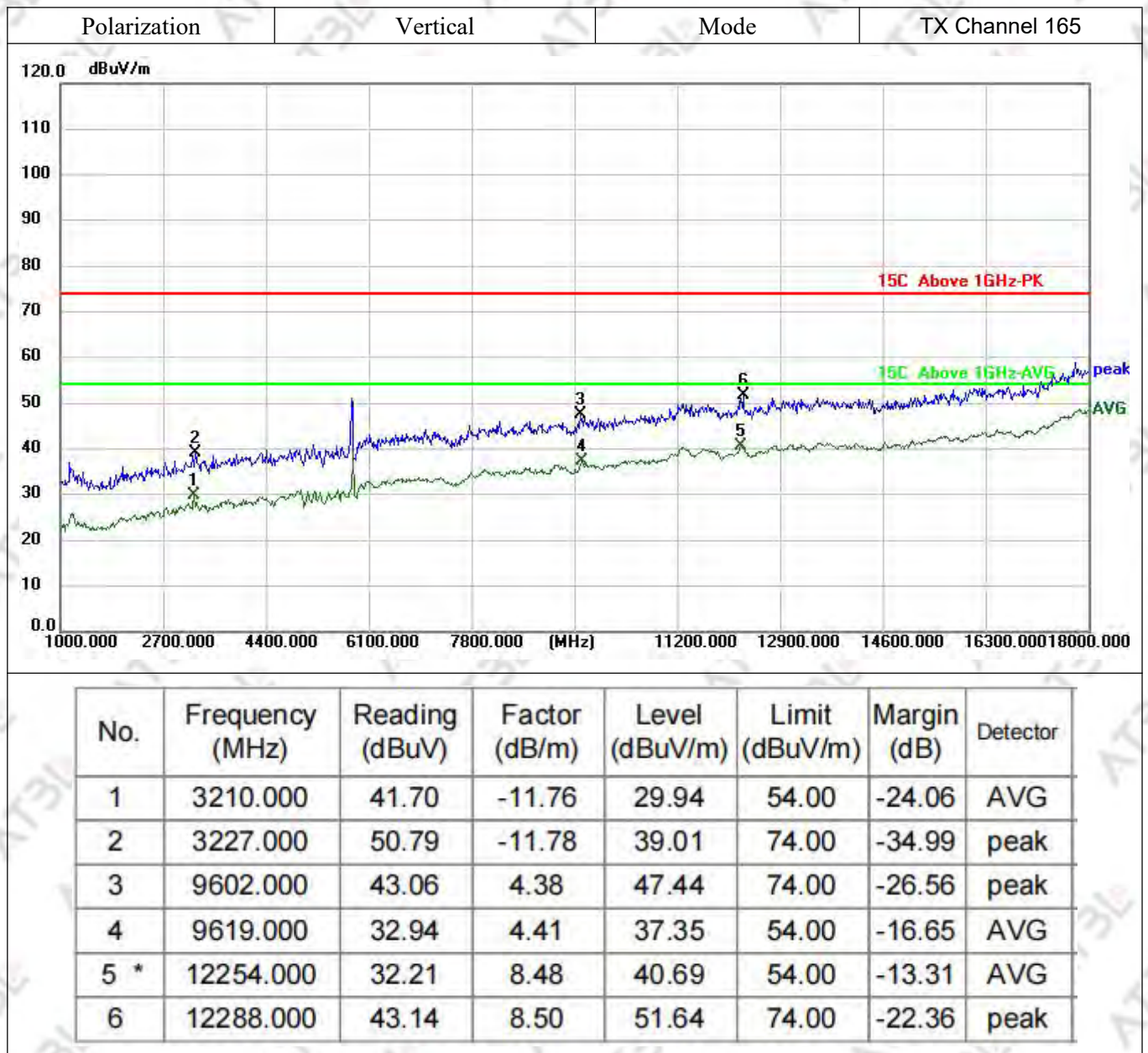












802.11ac(20MHz)

