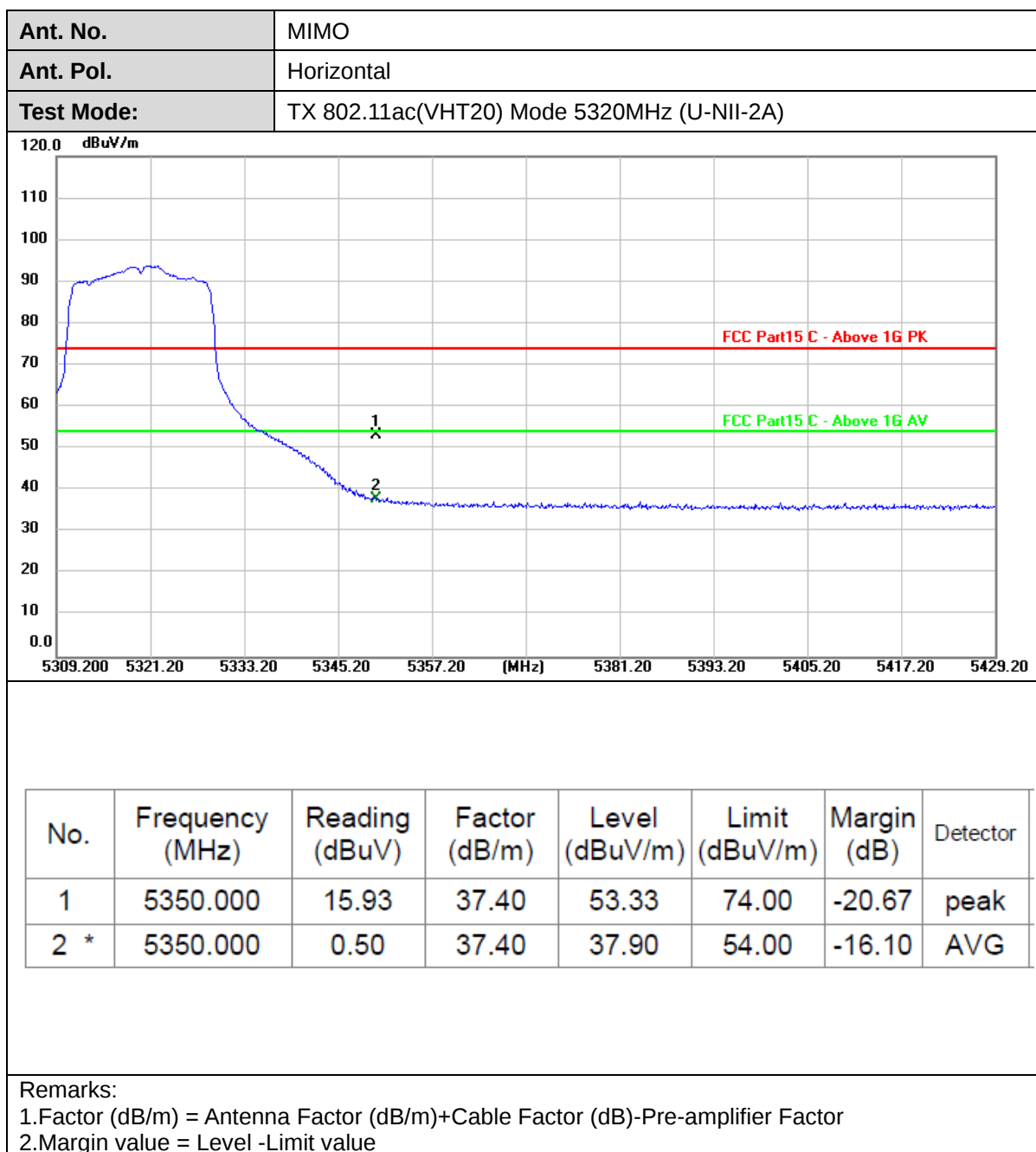
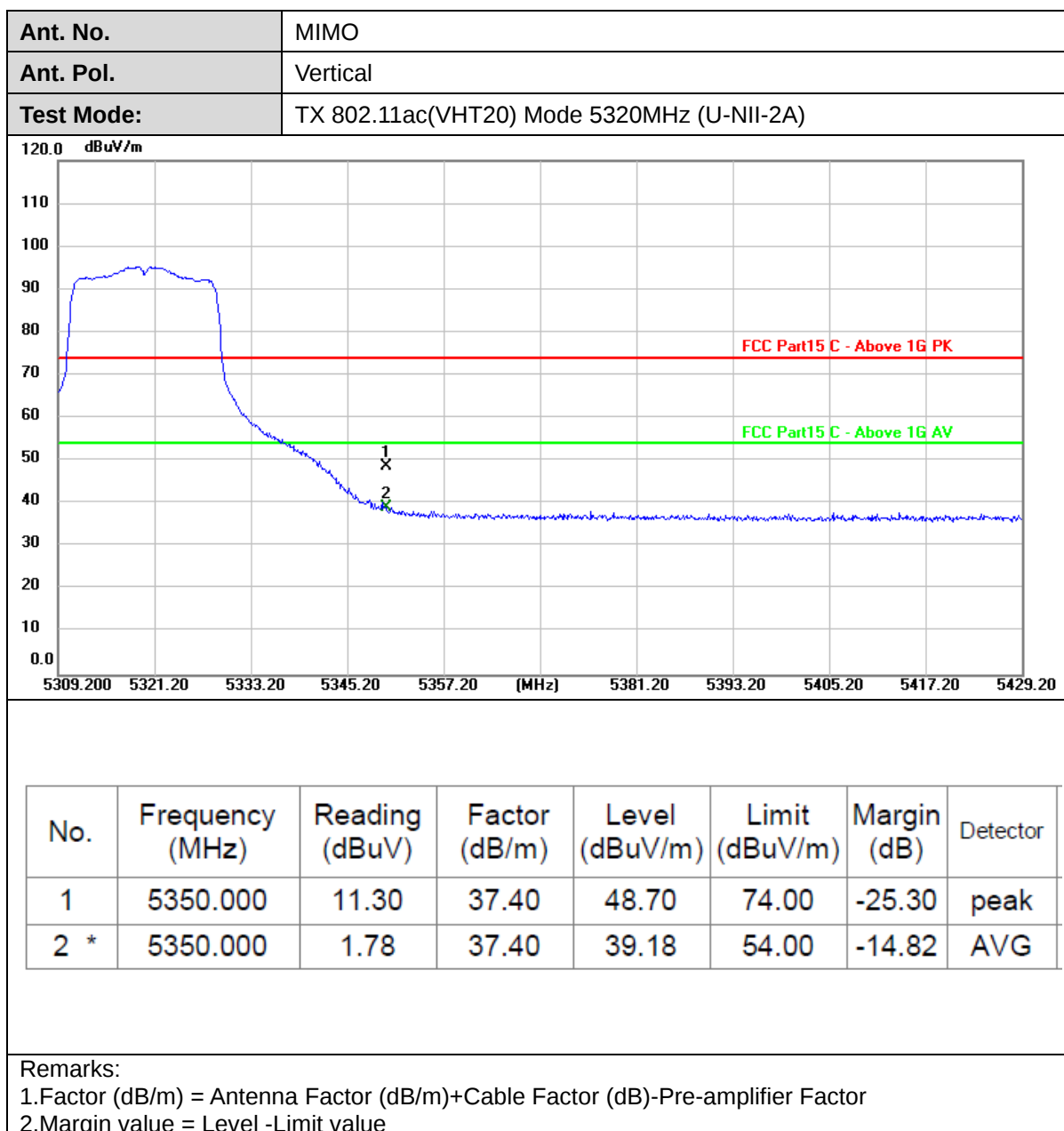
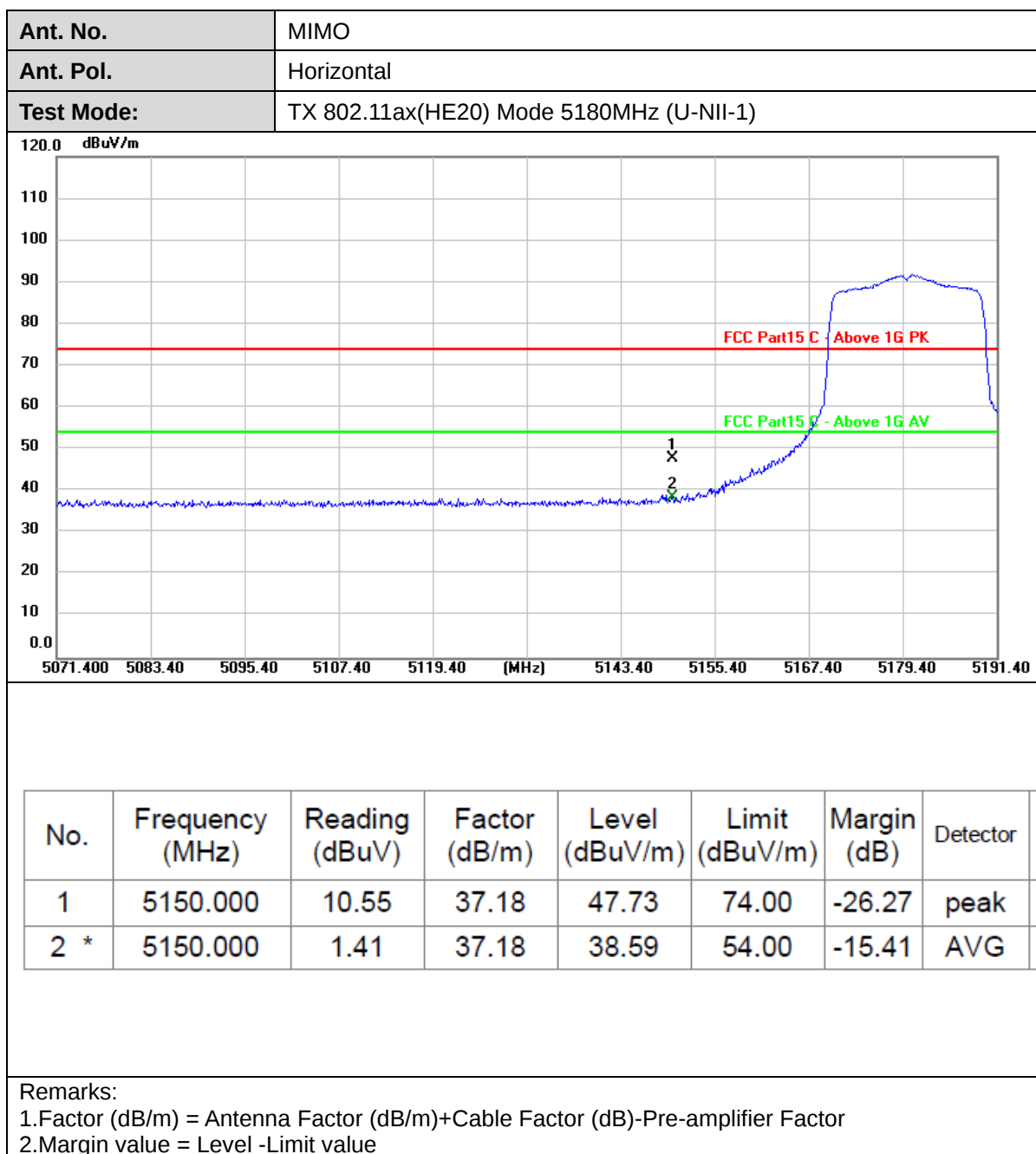
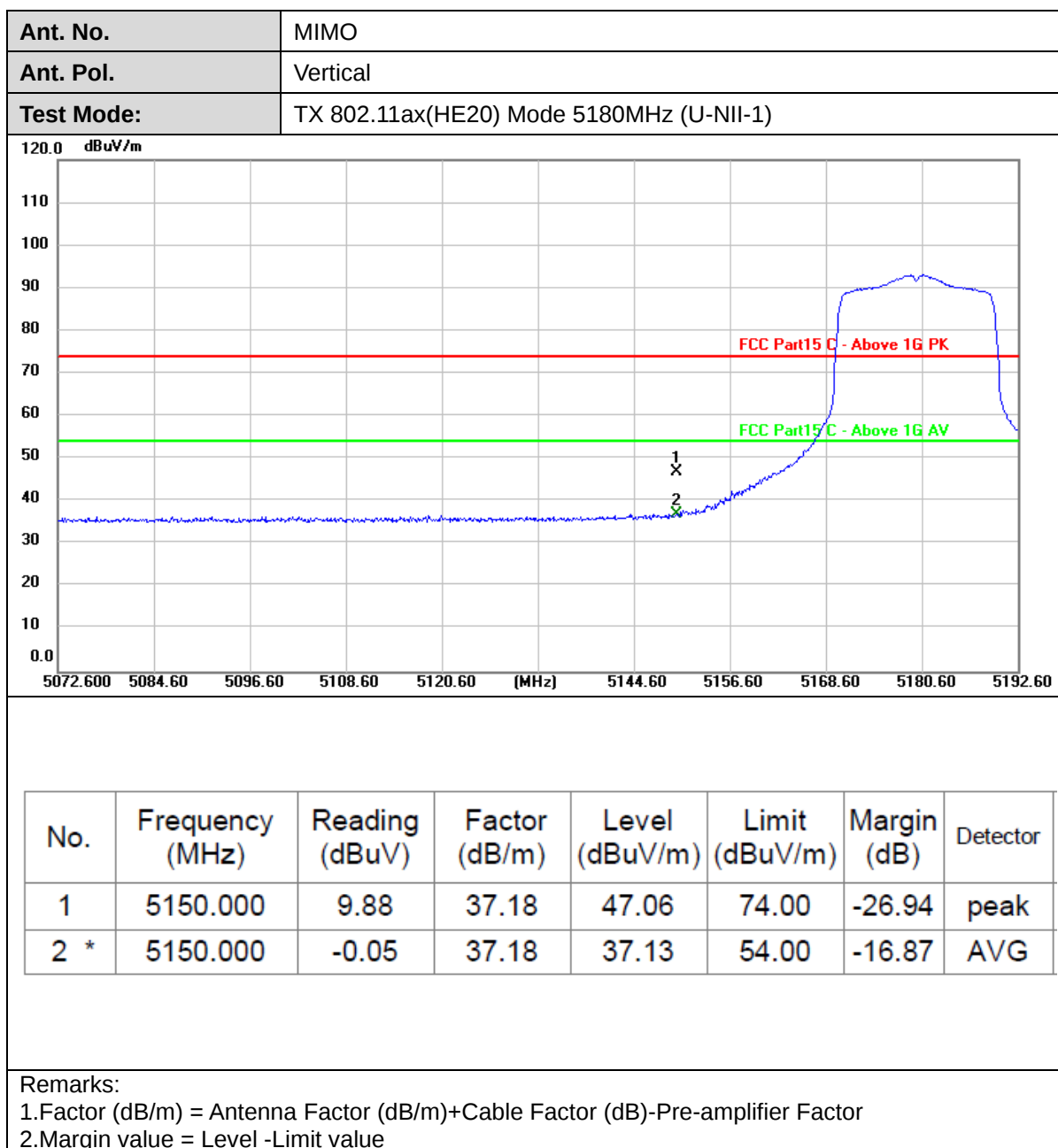
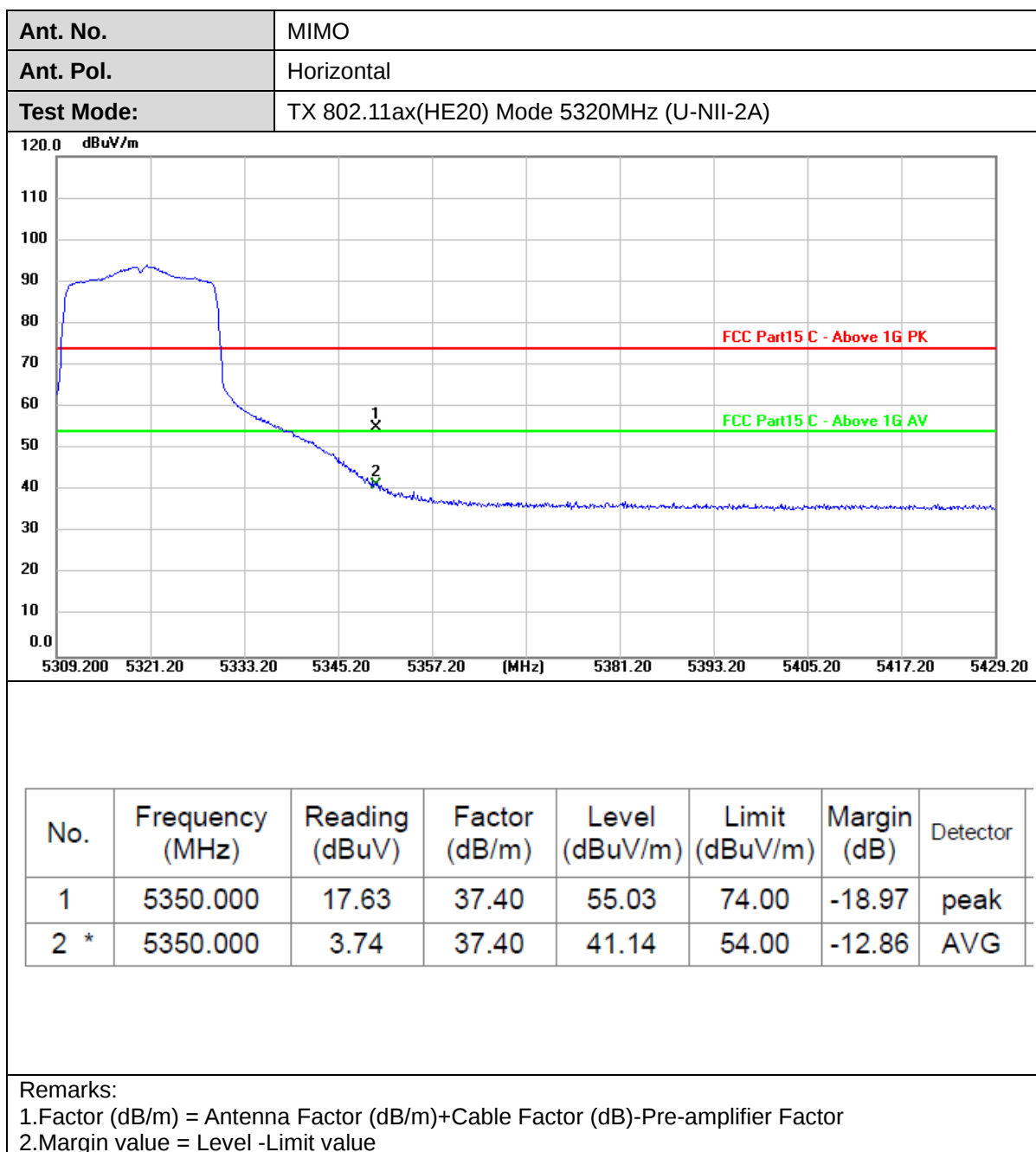


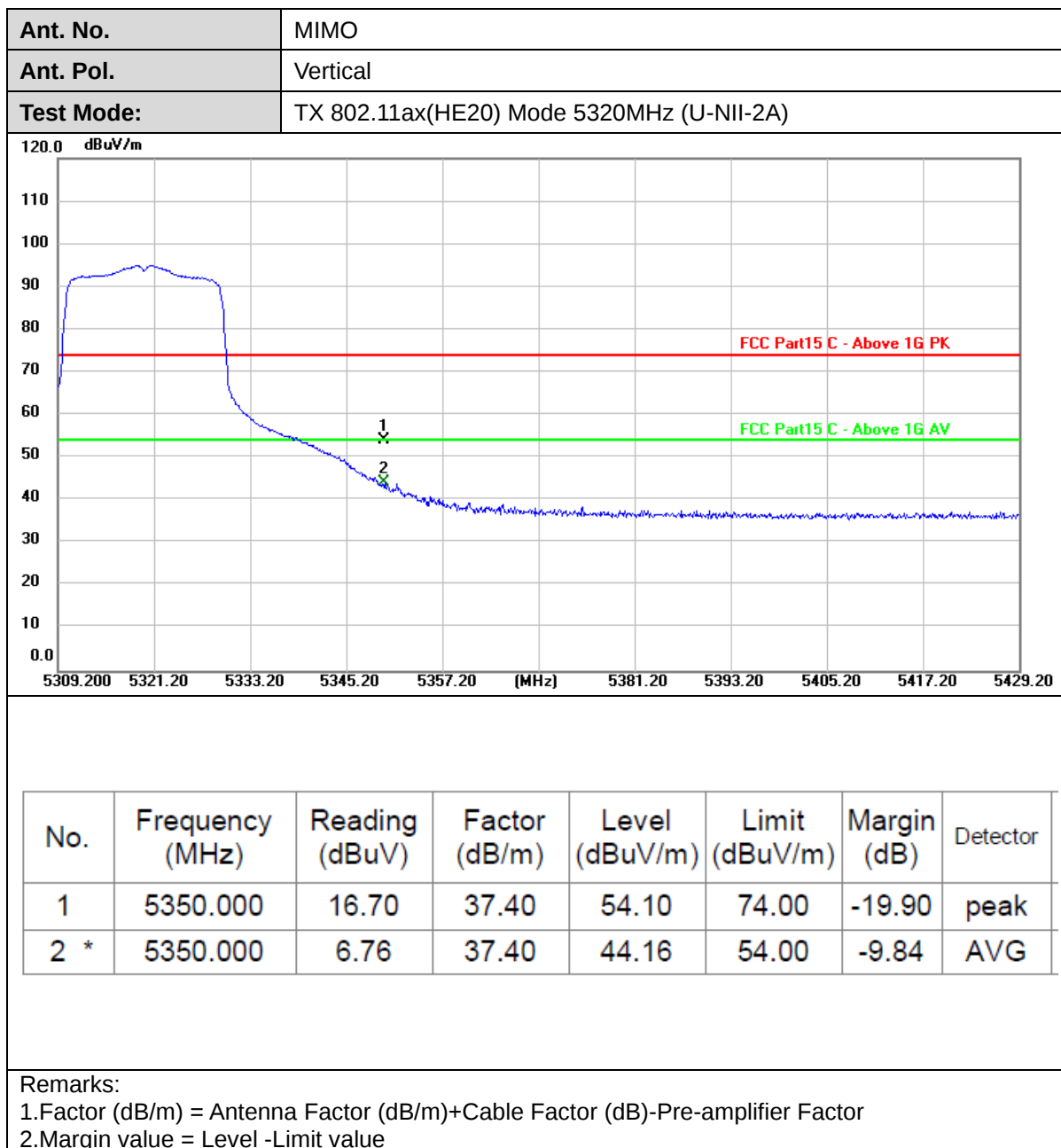


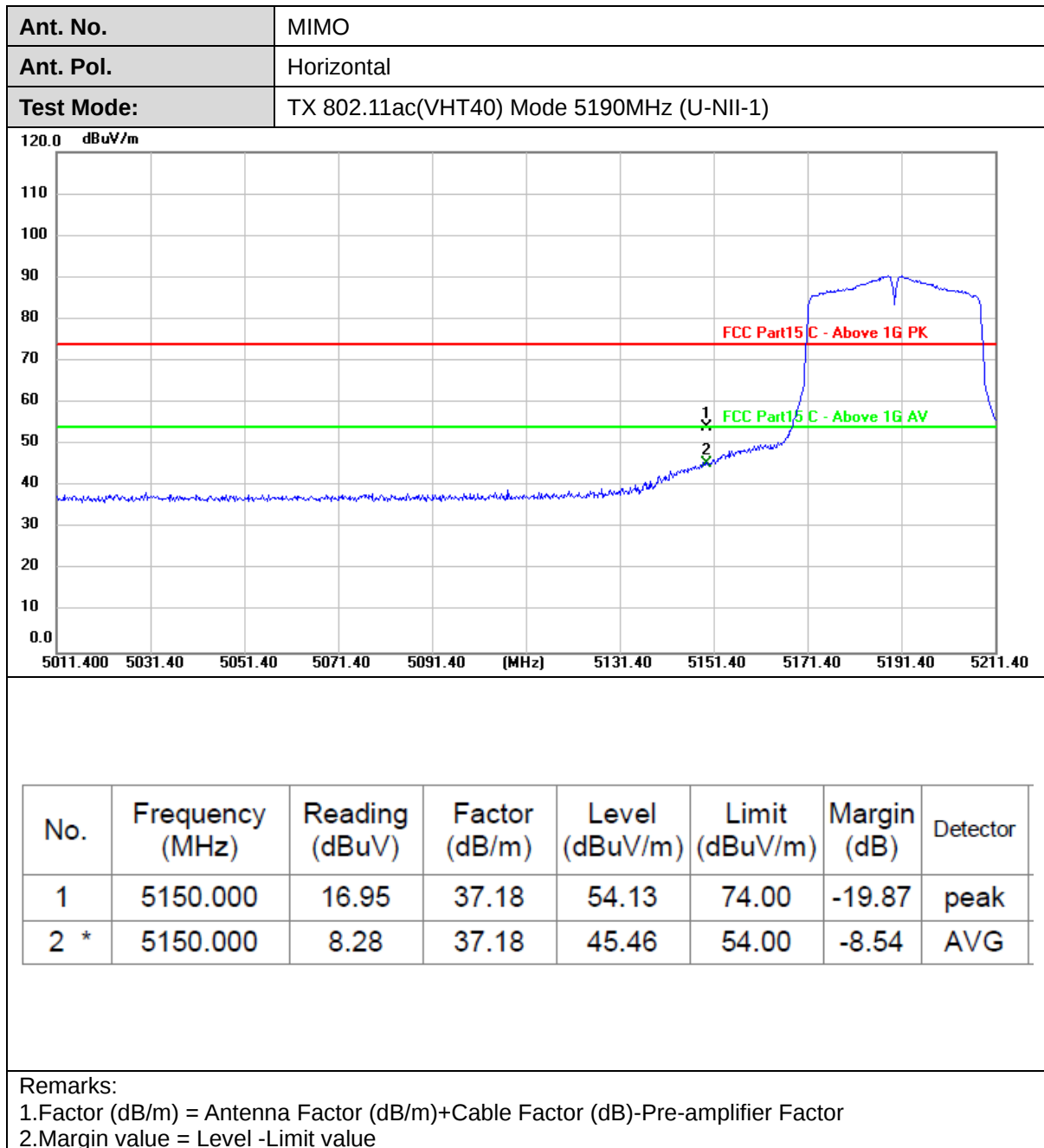


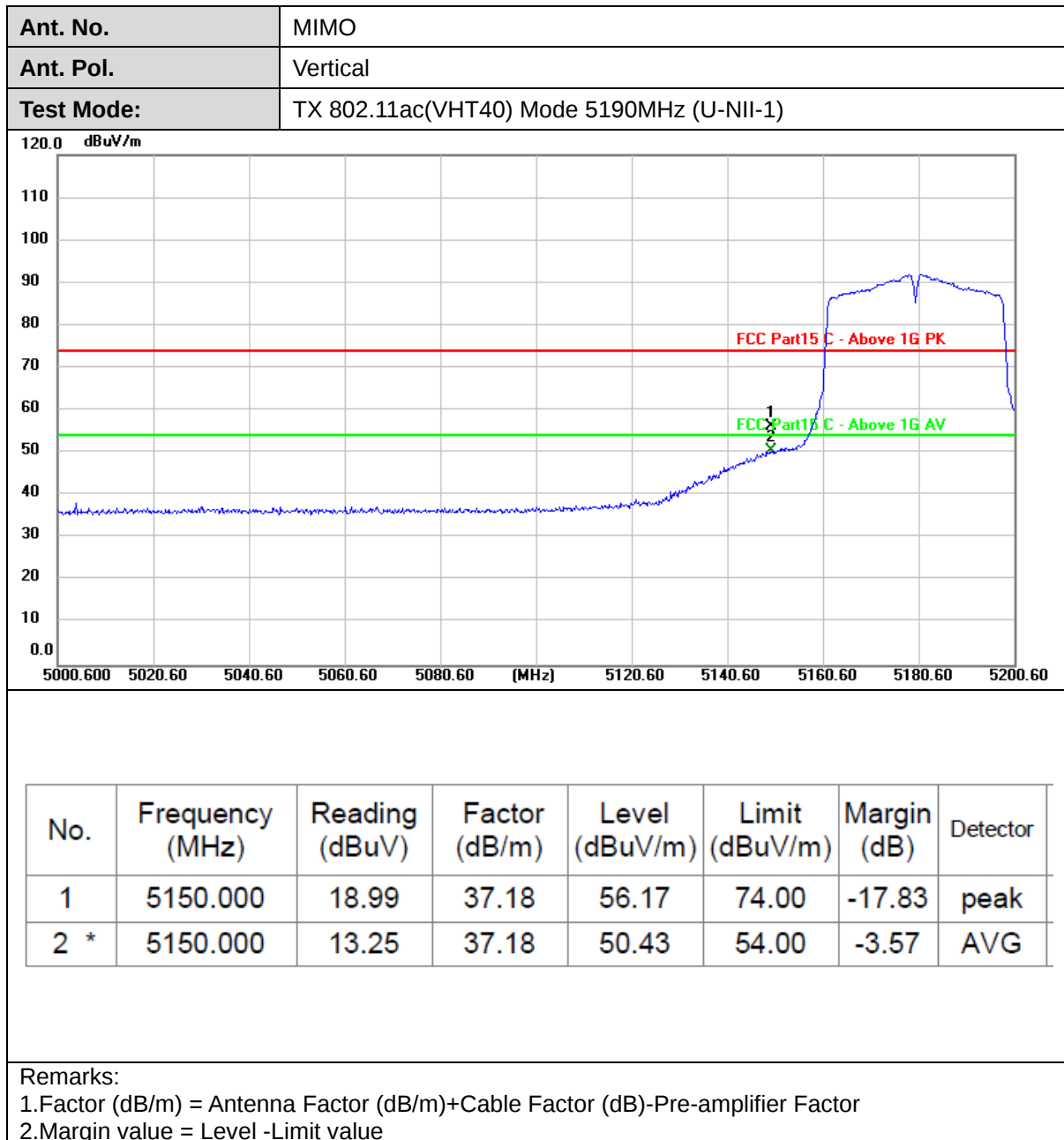


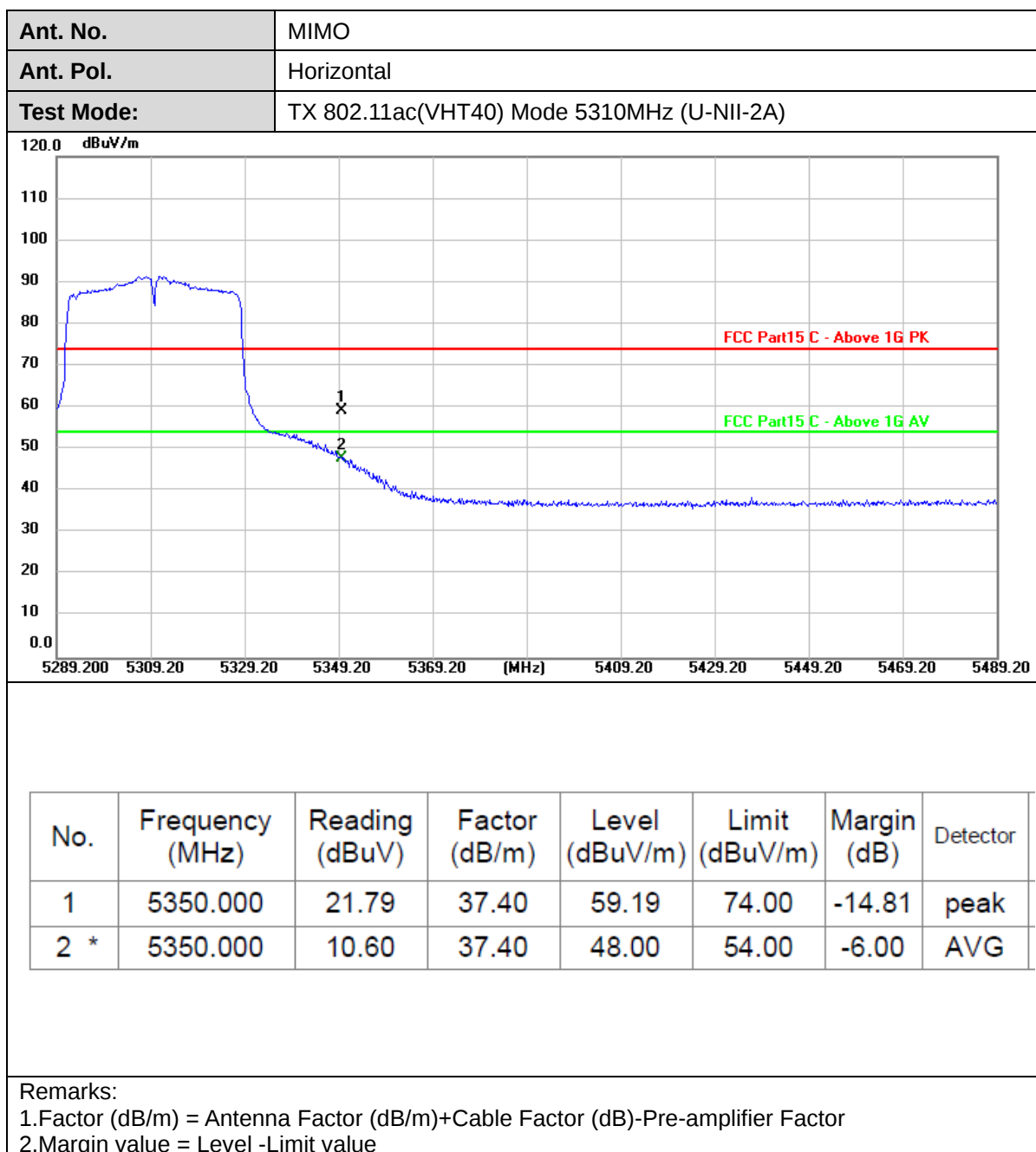


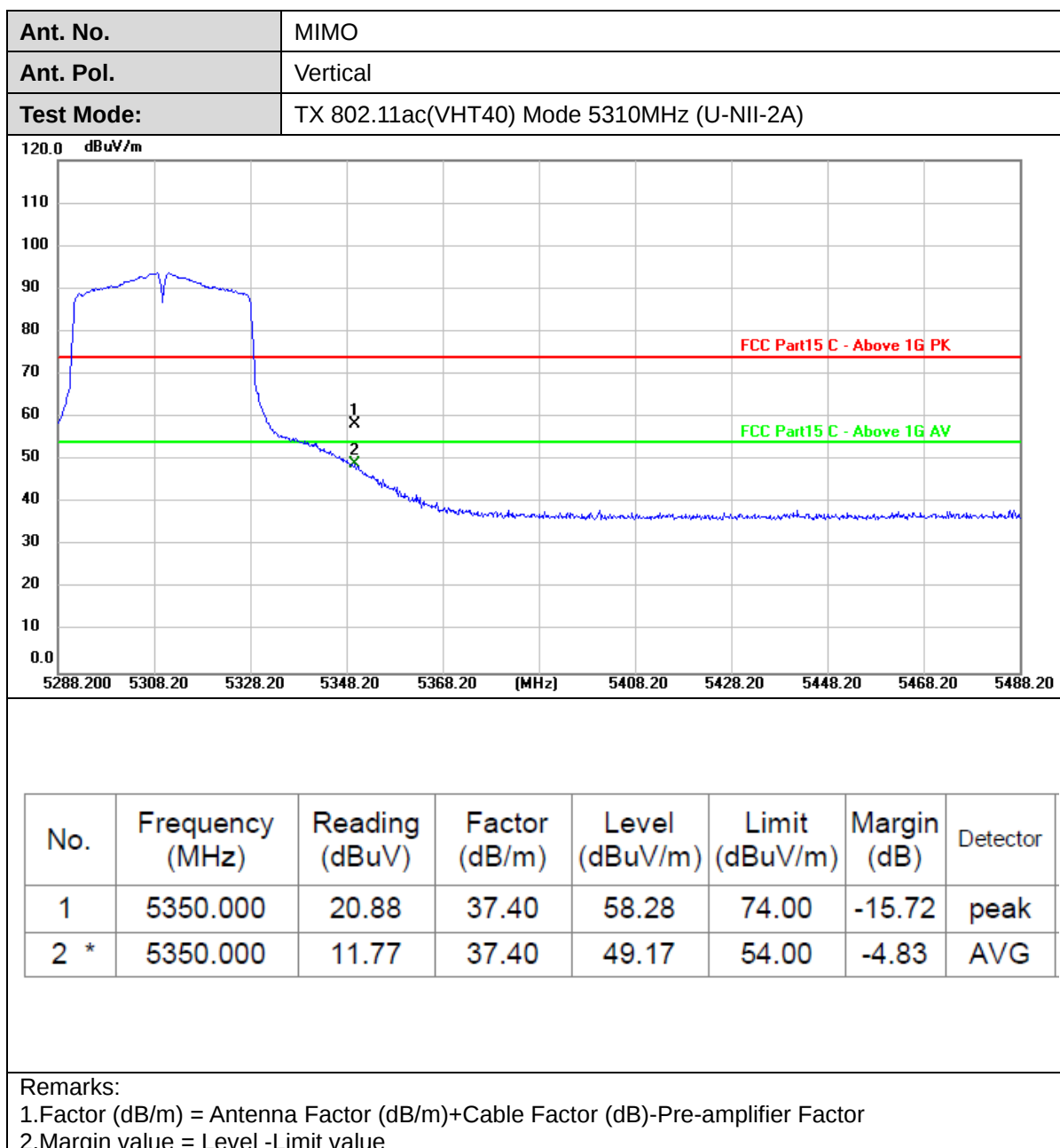


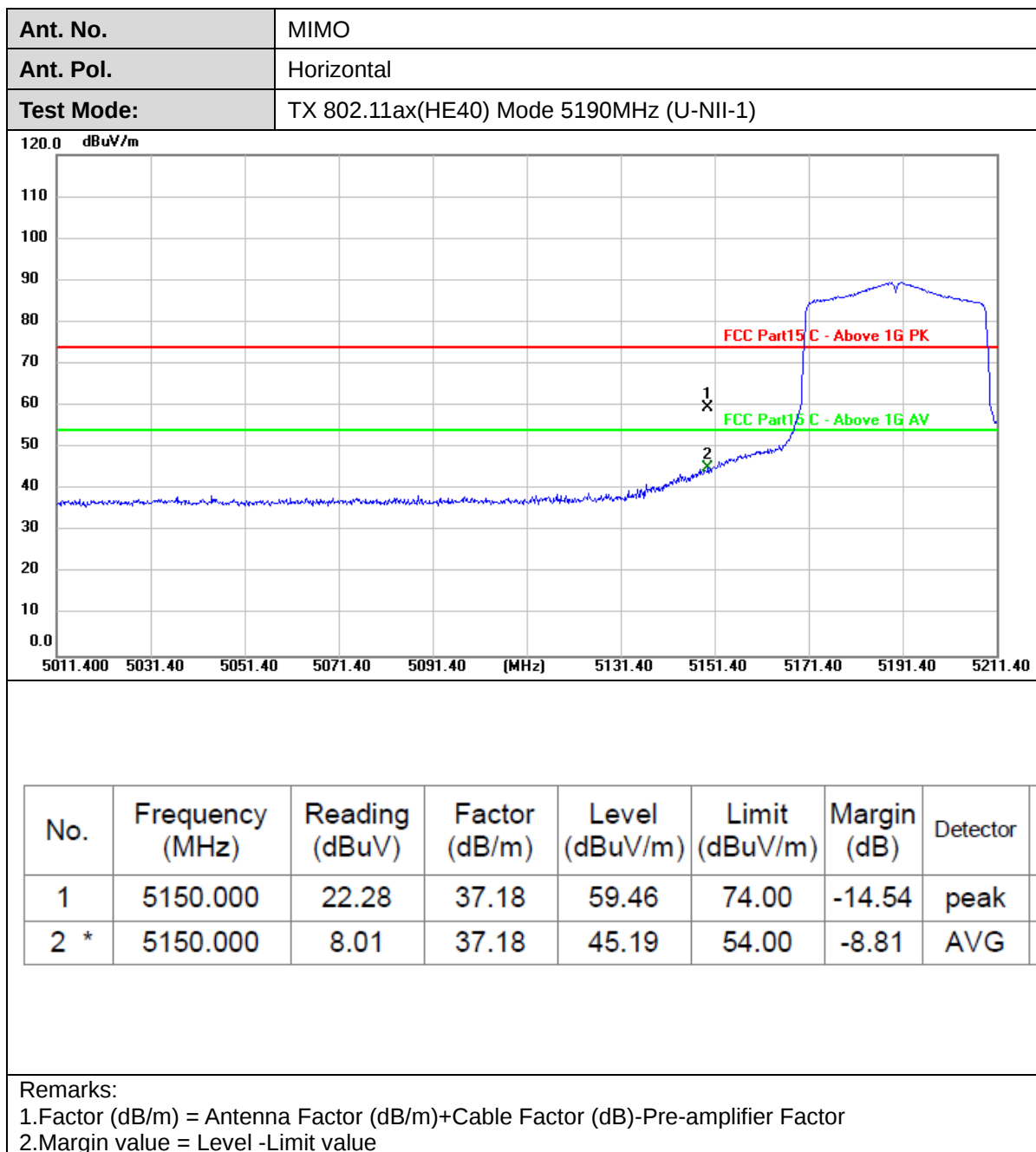


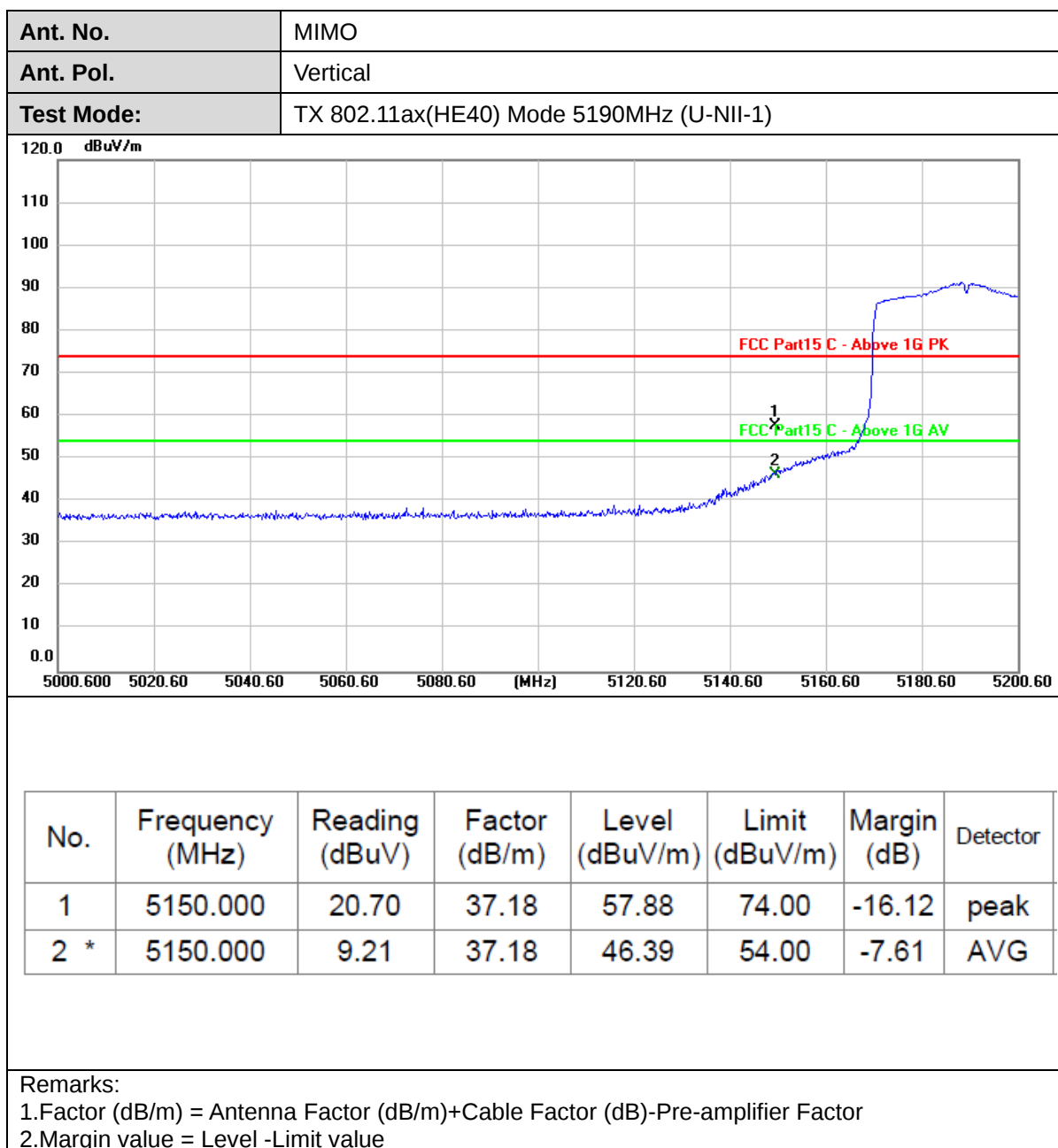


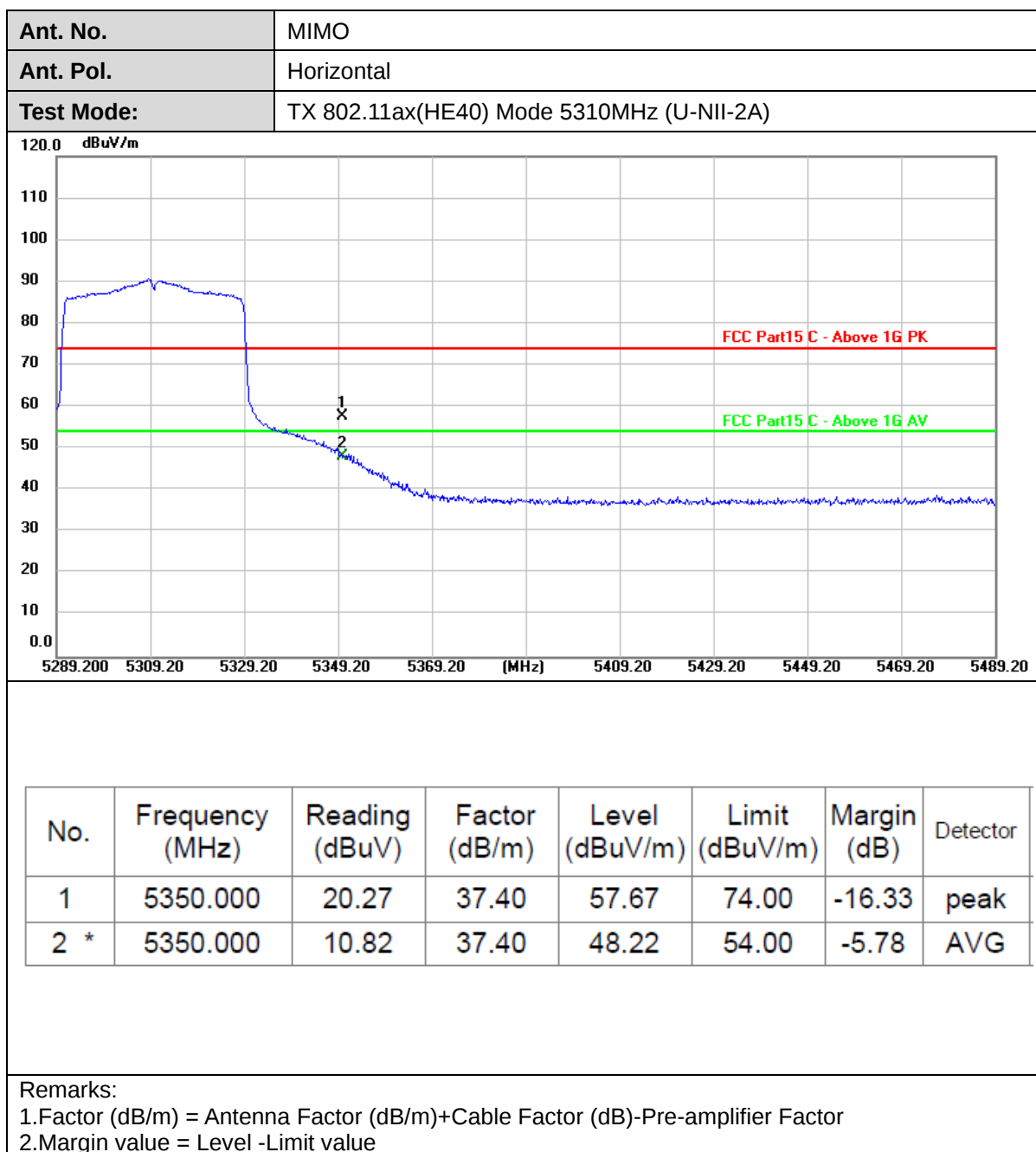


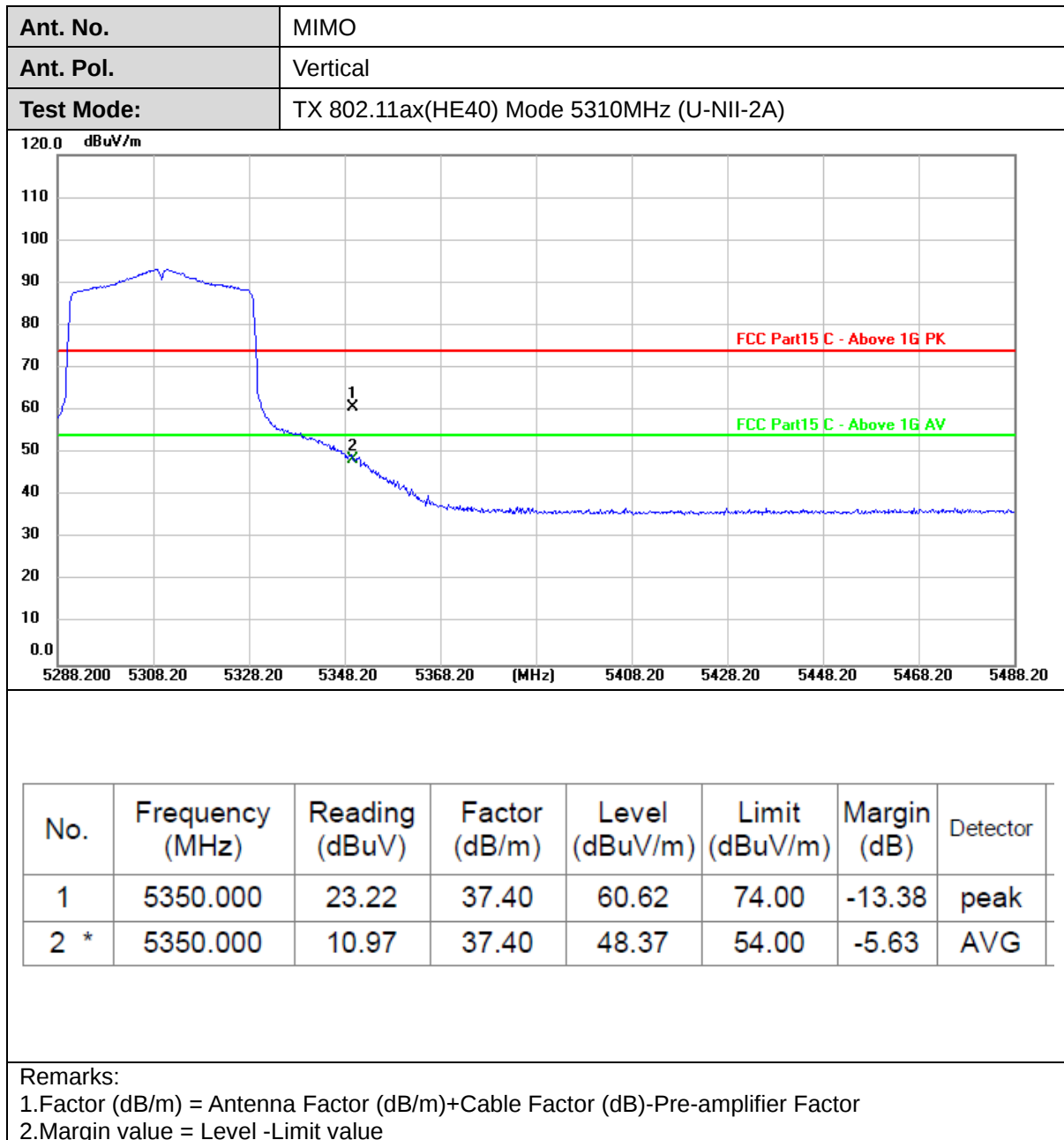


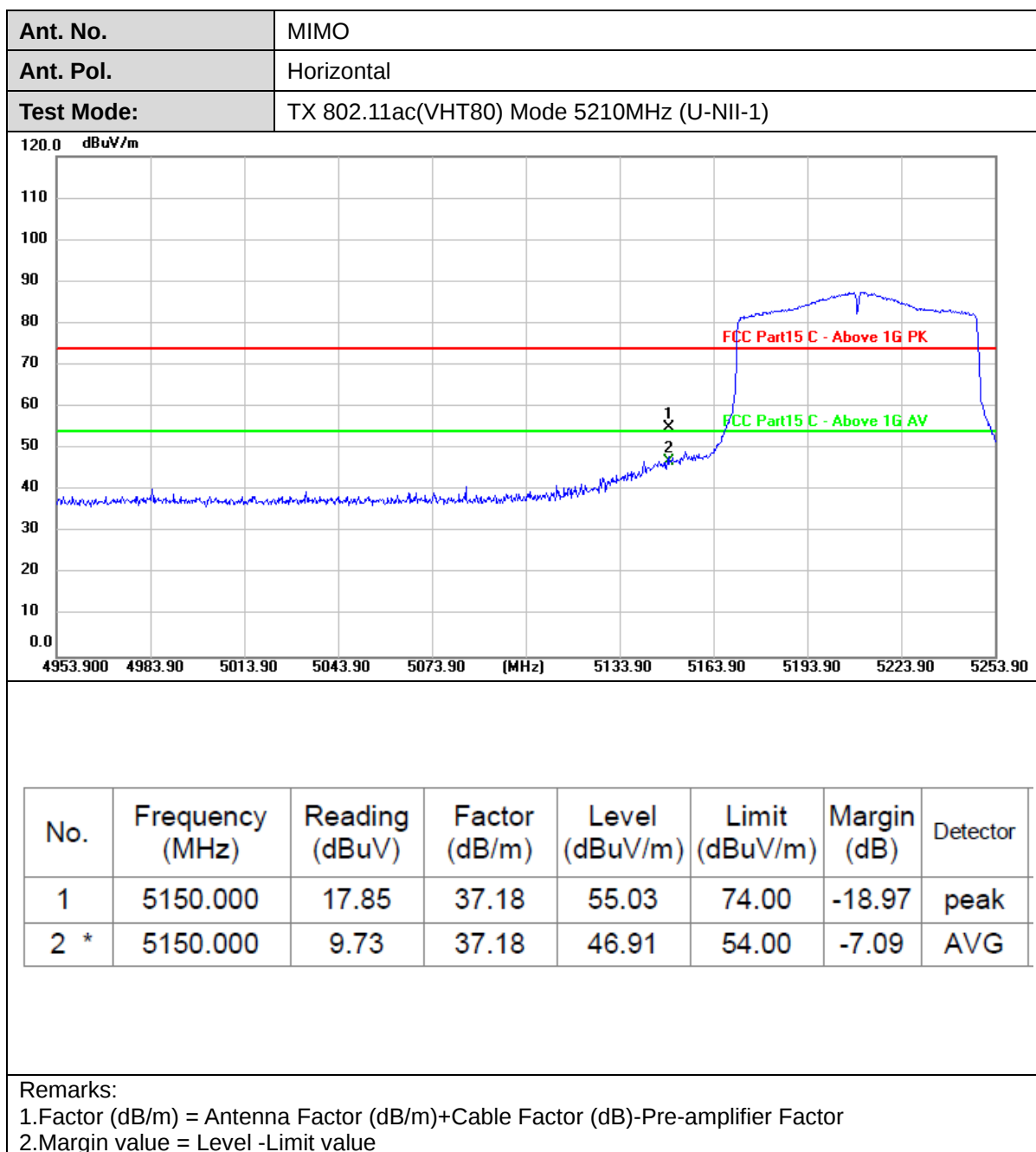


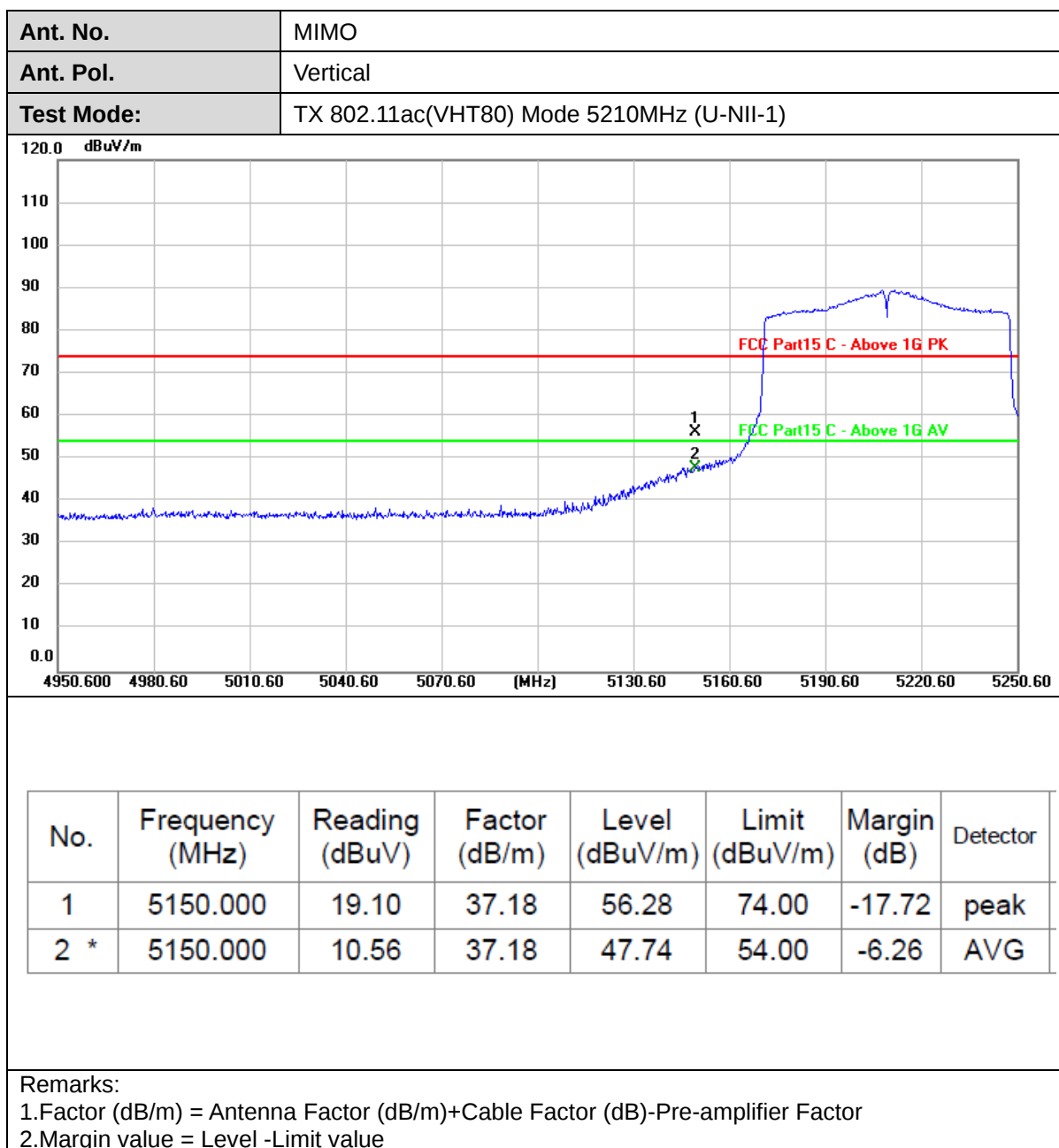


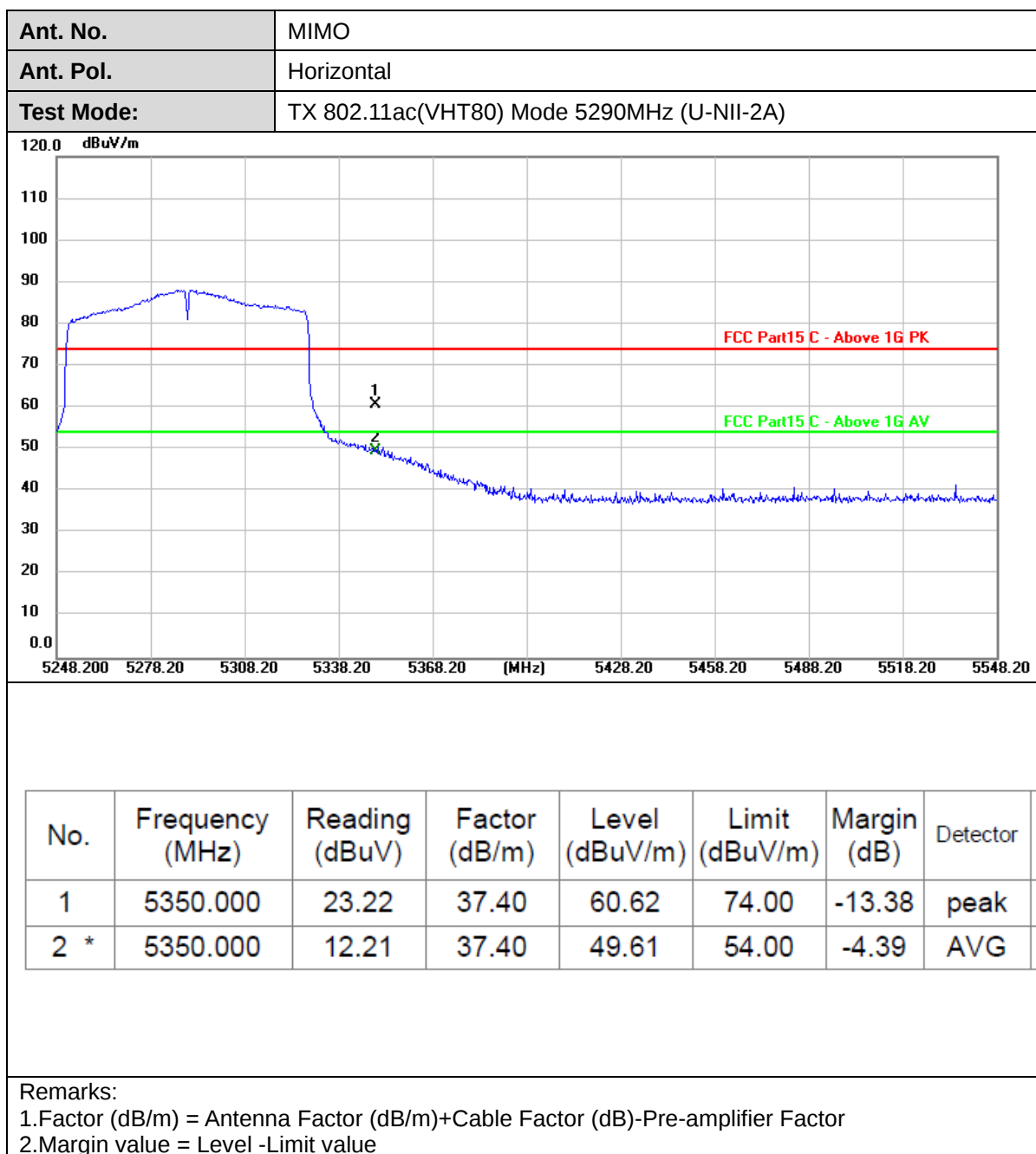


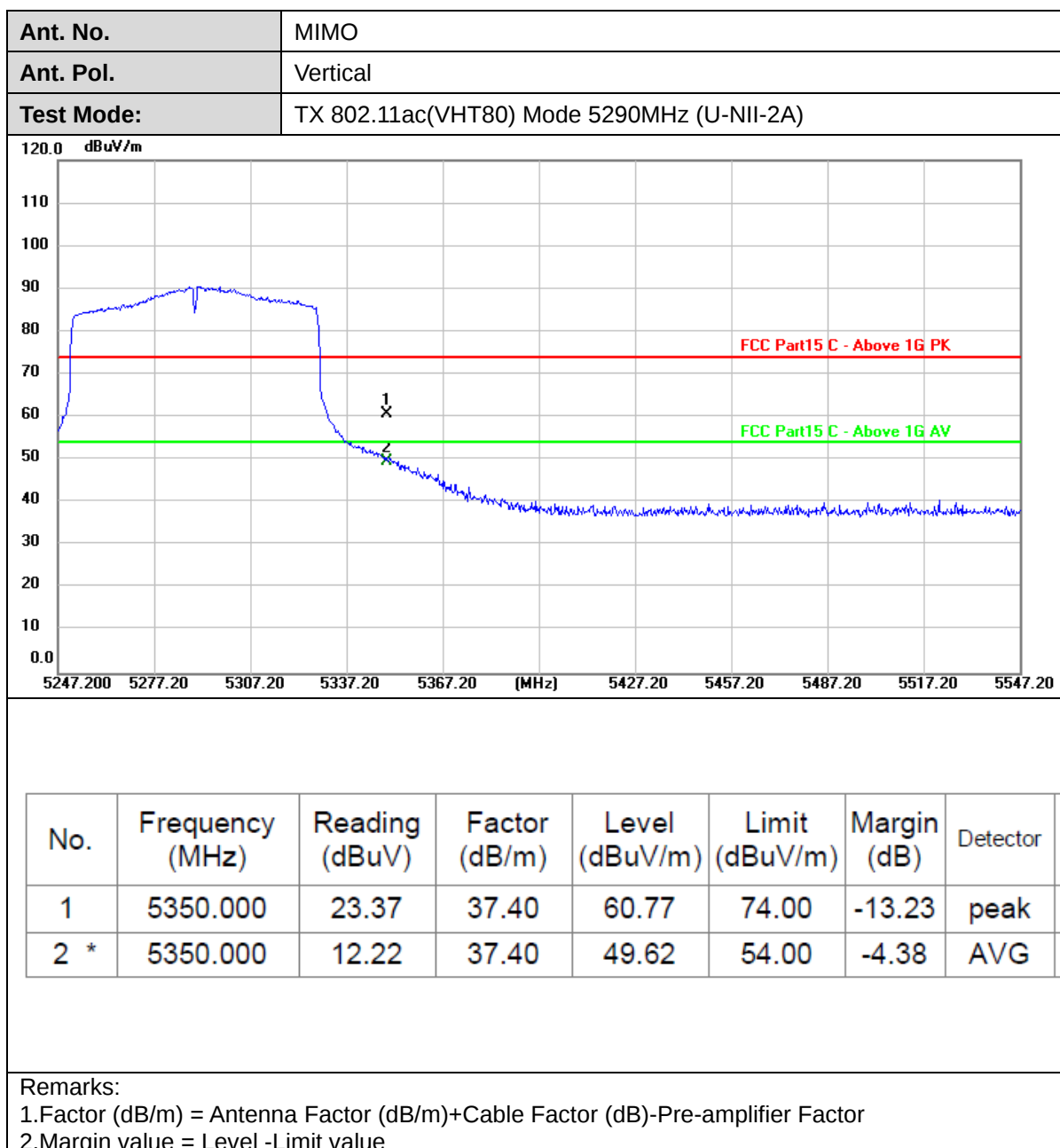


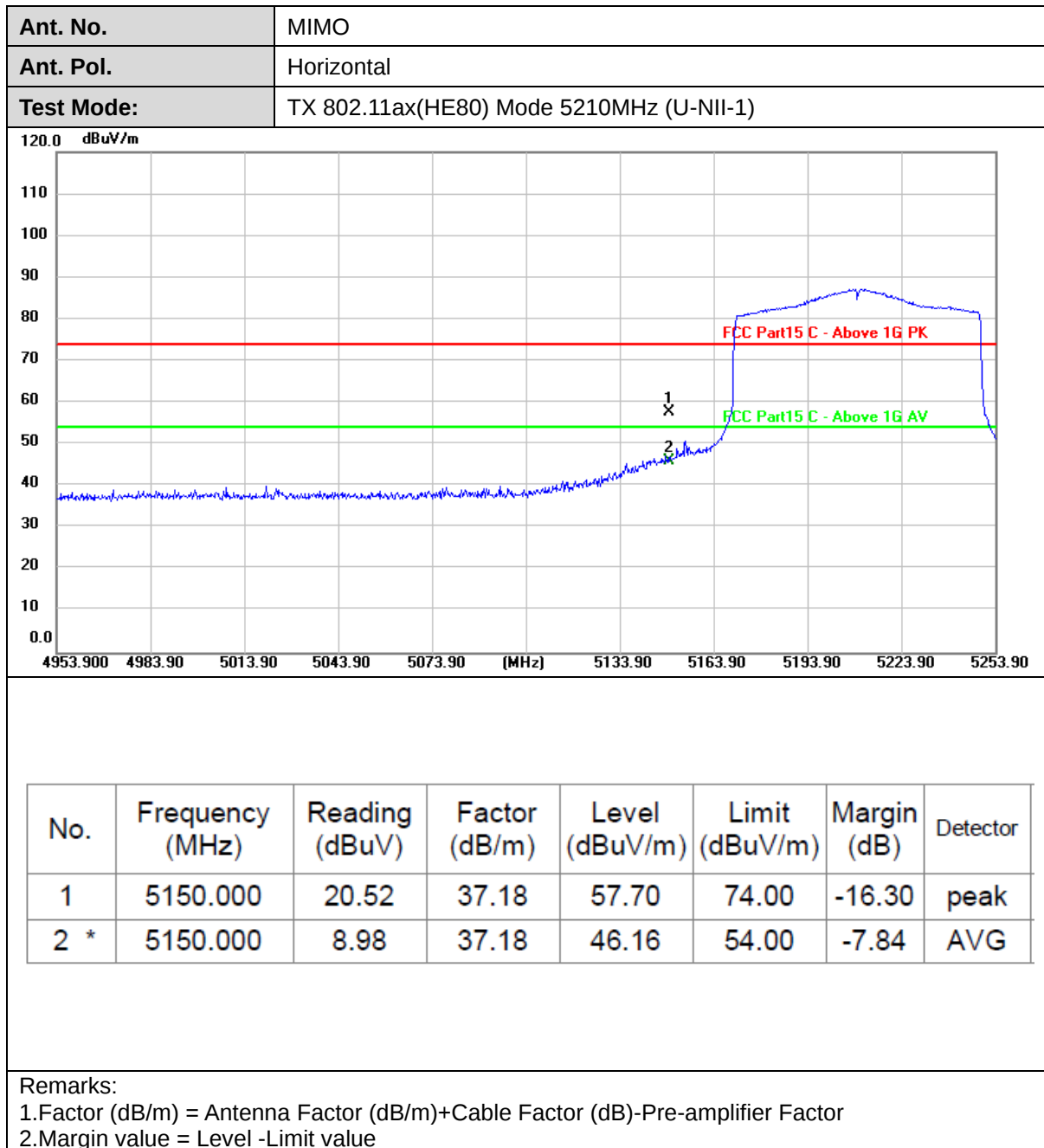


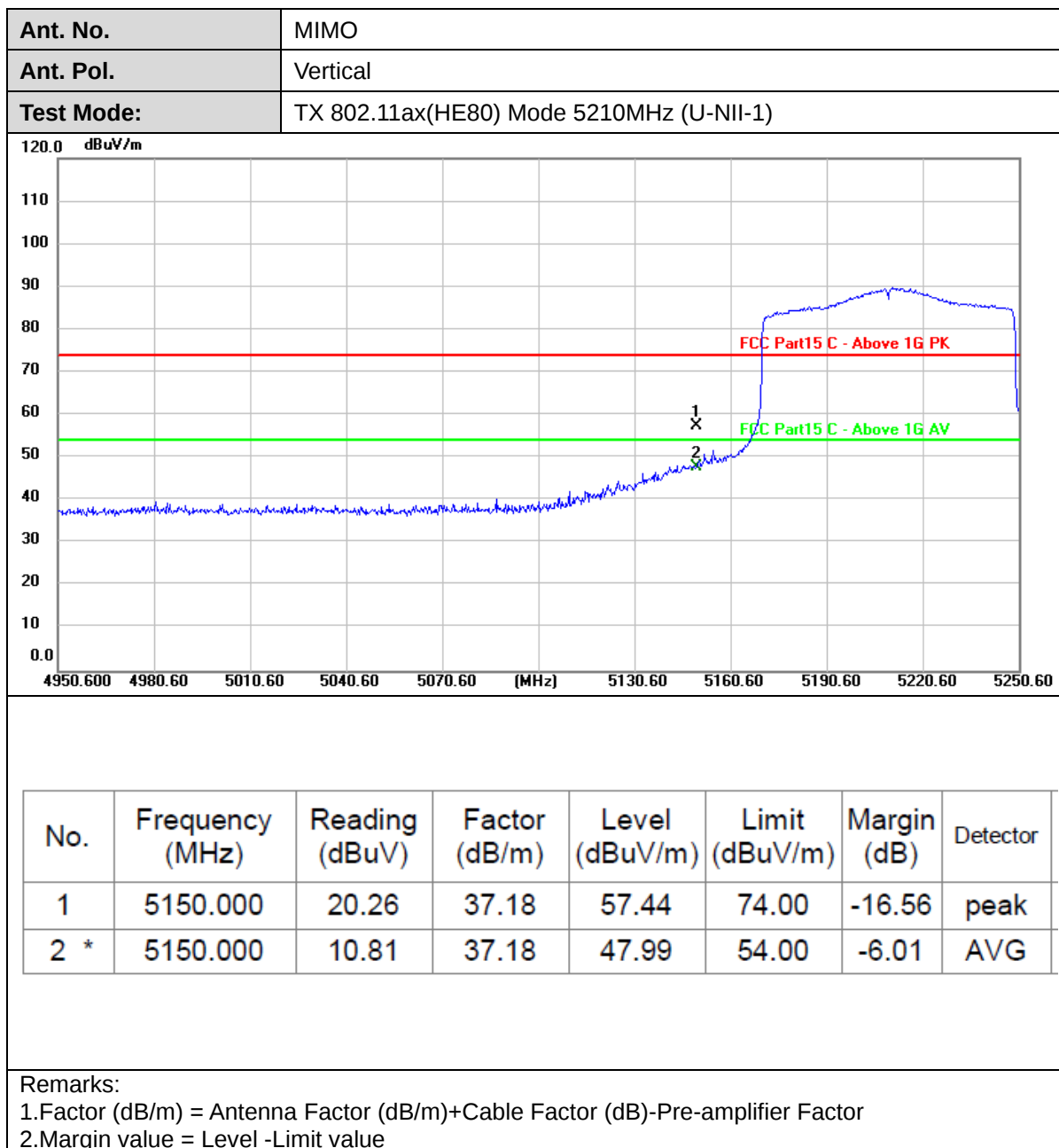


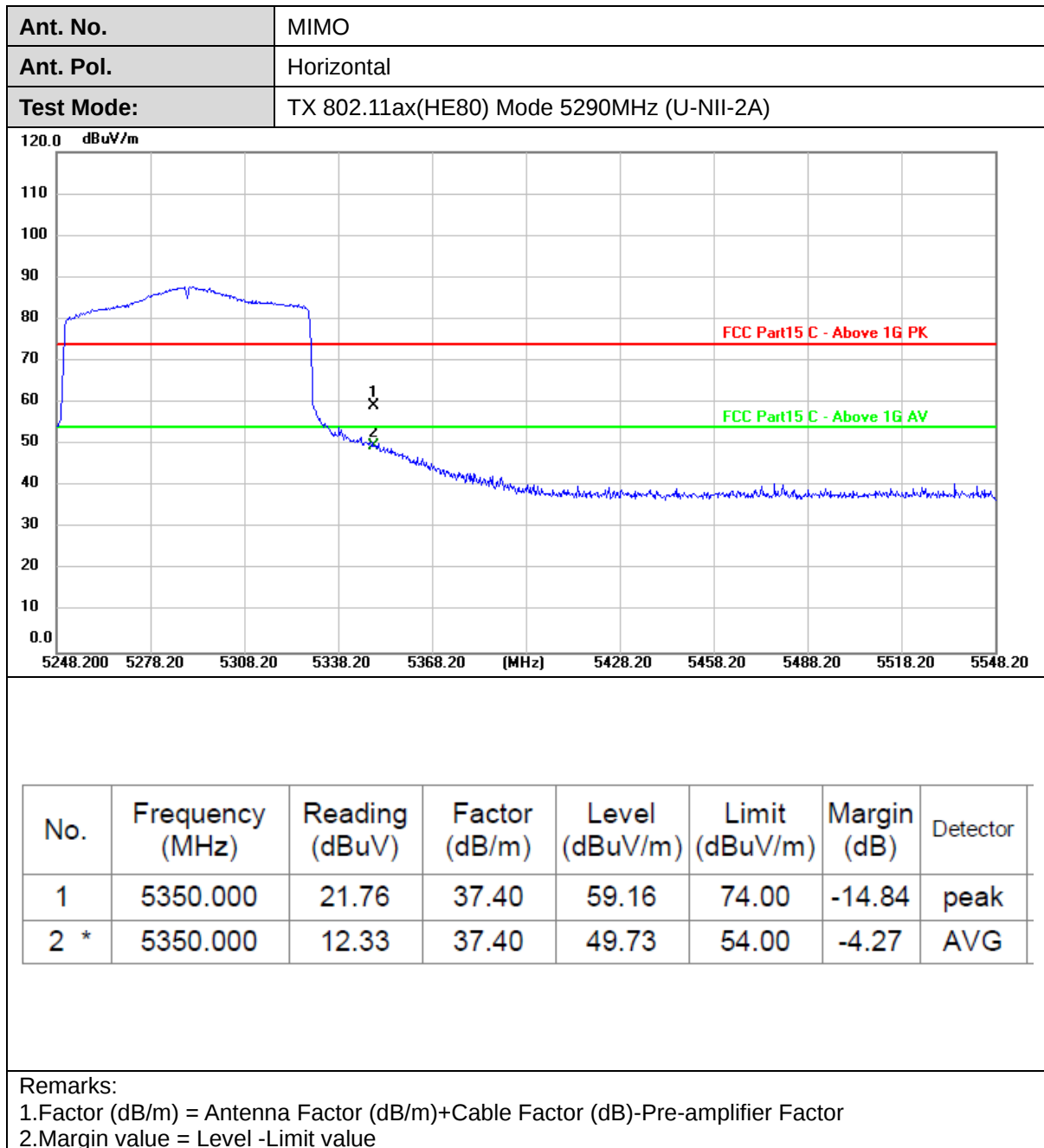


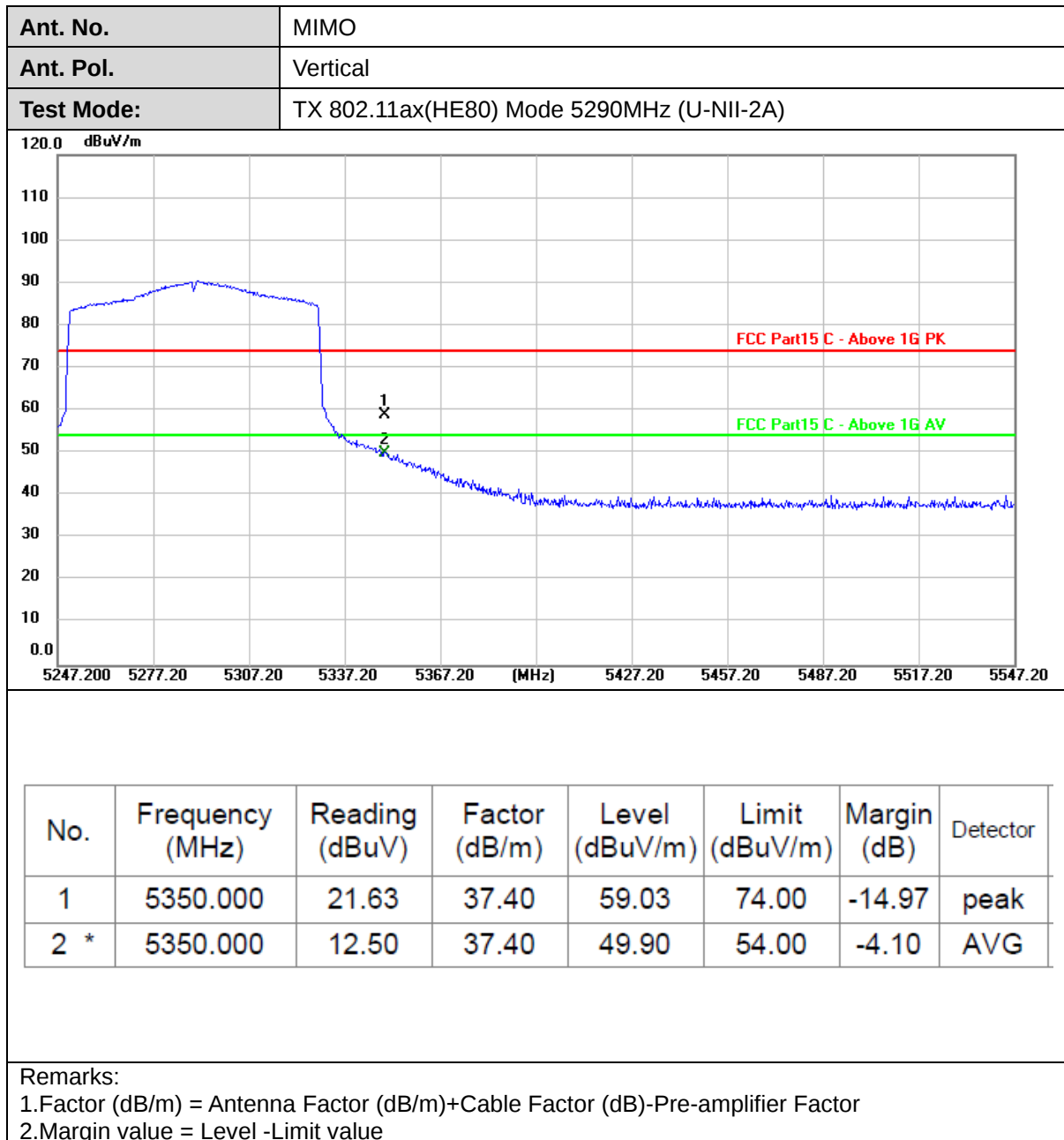


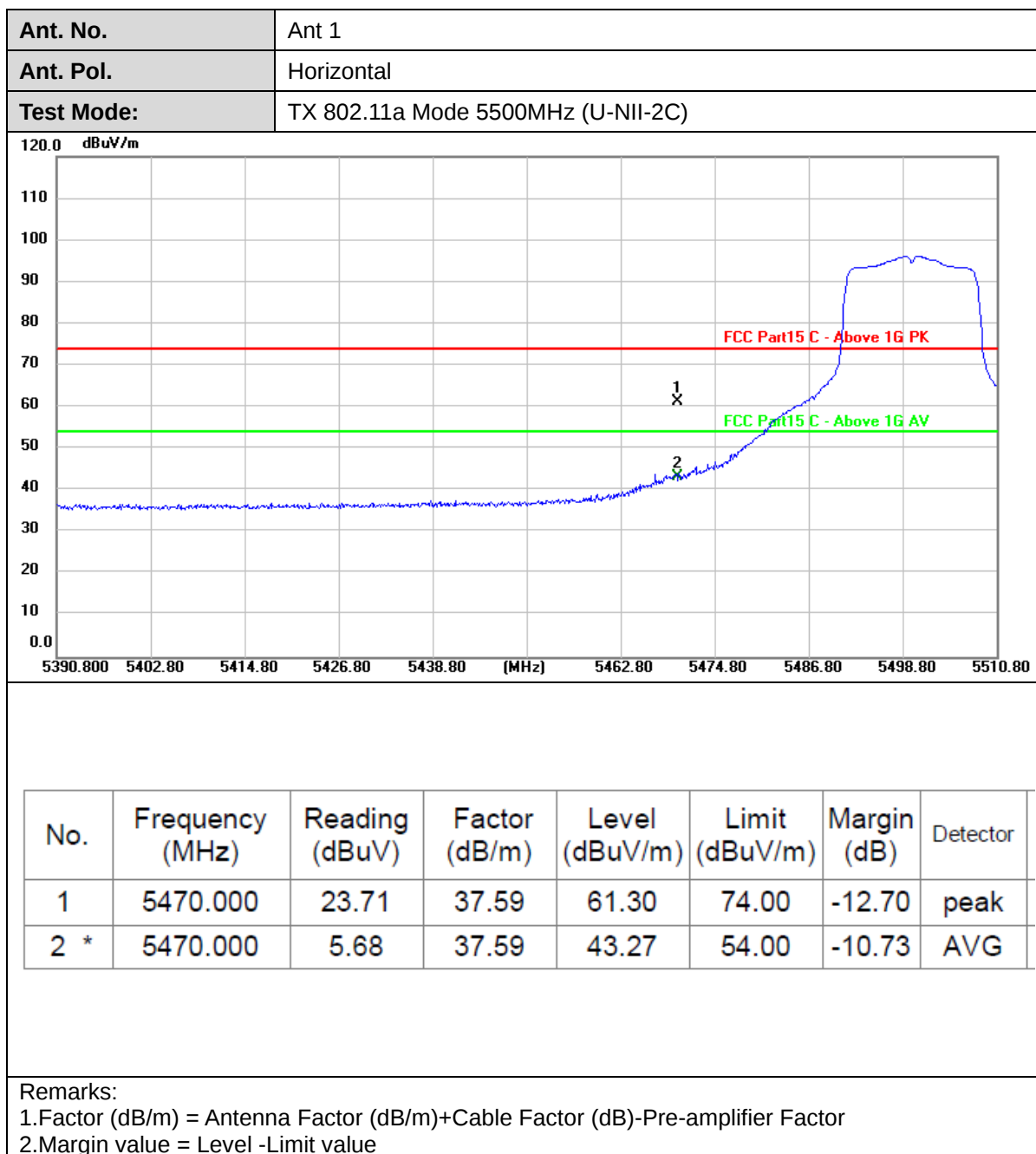


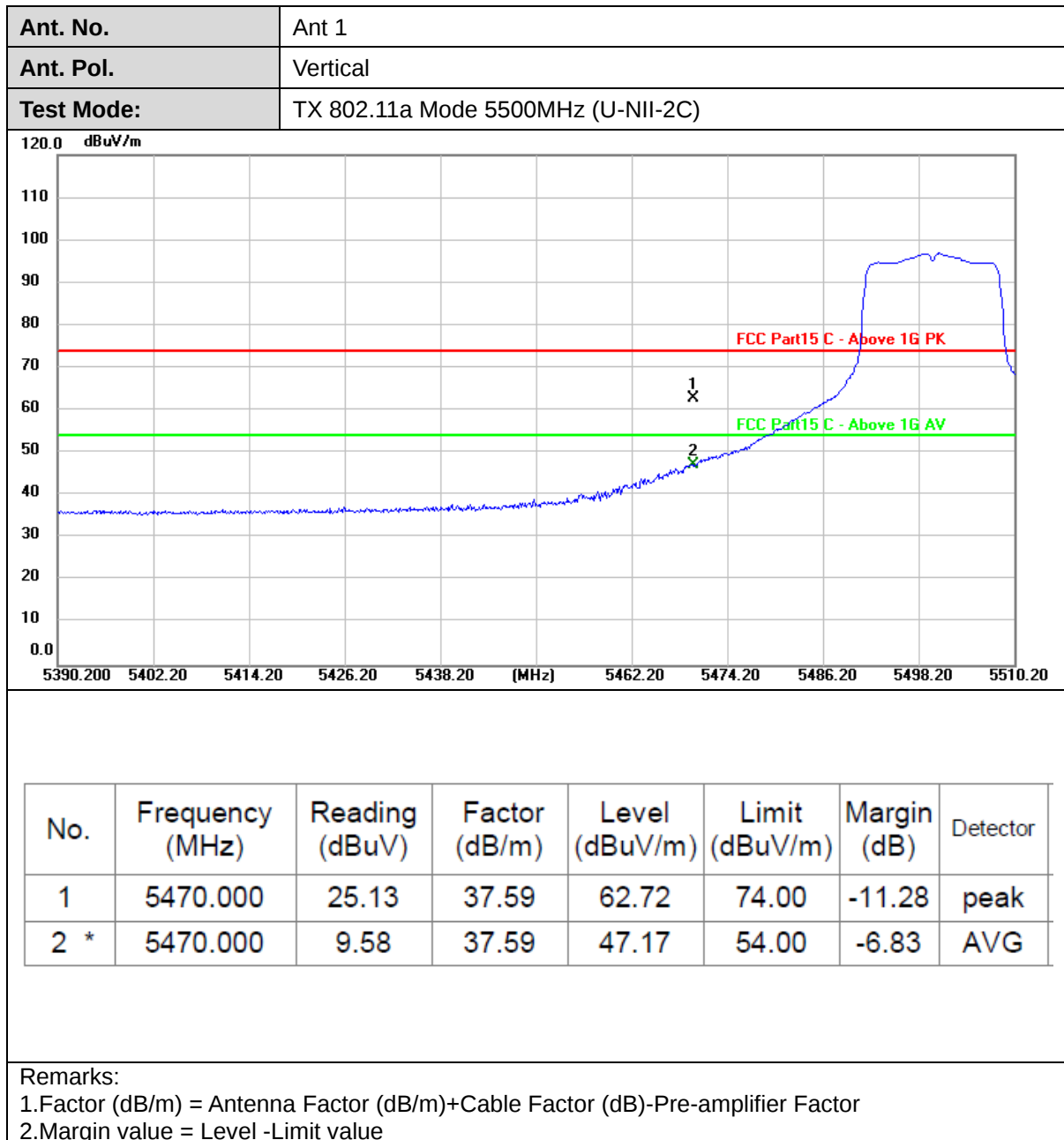


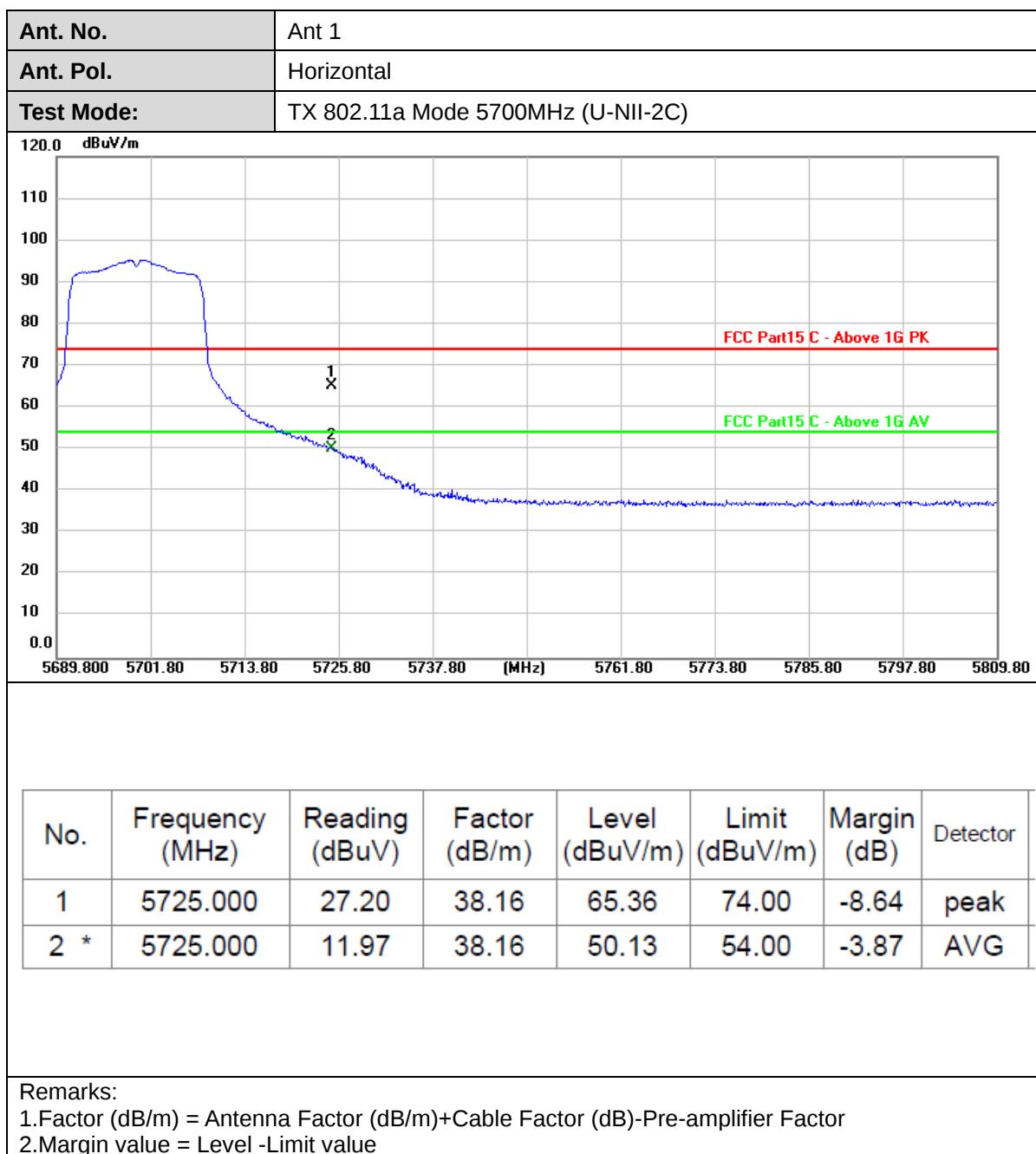


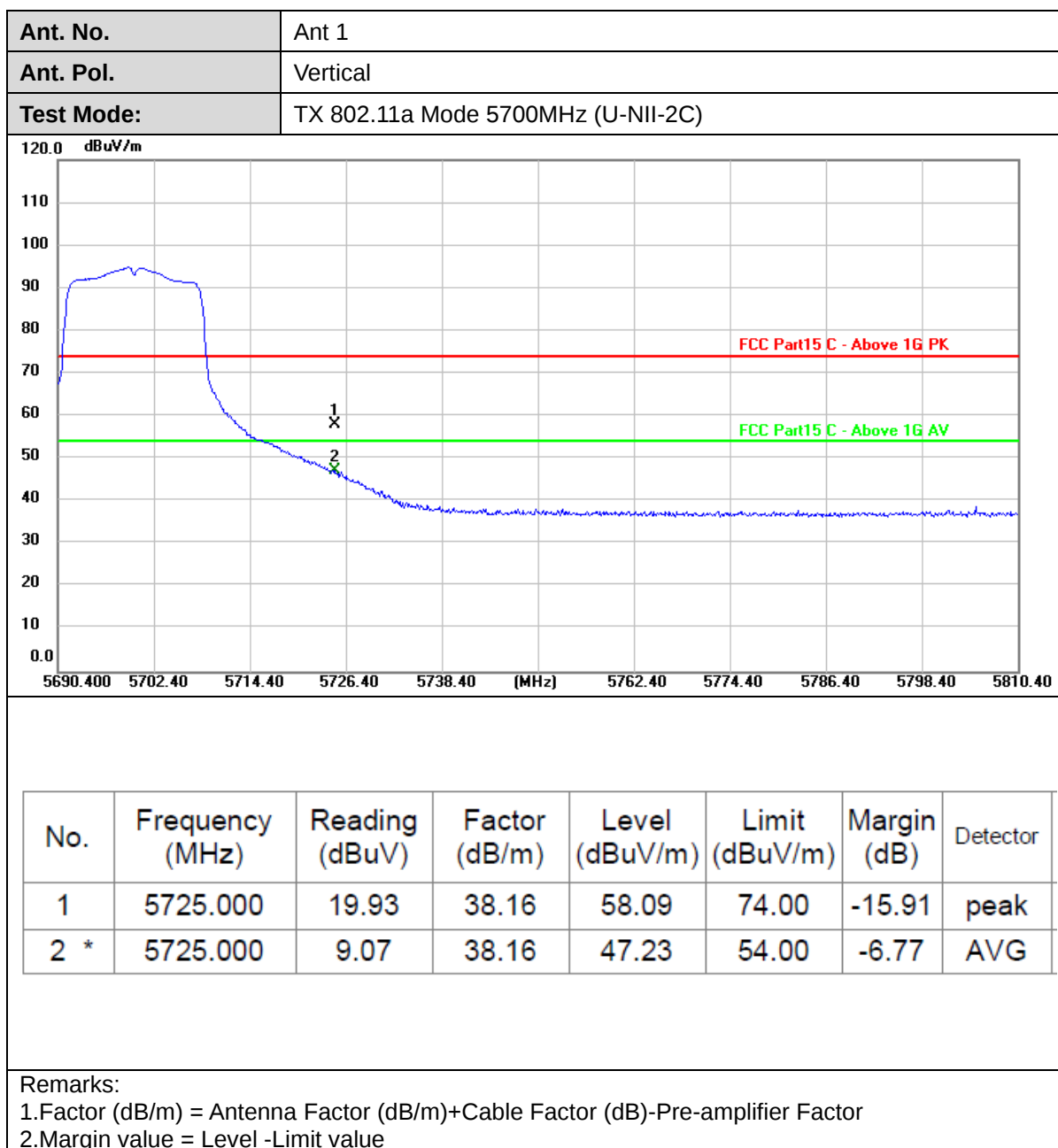


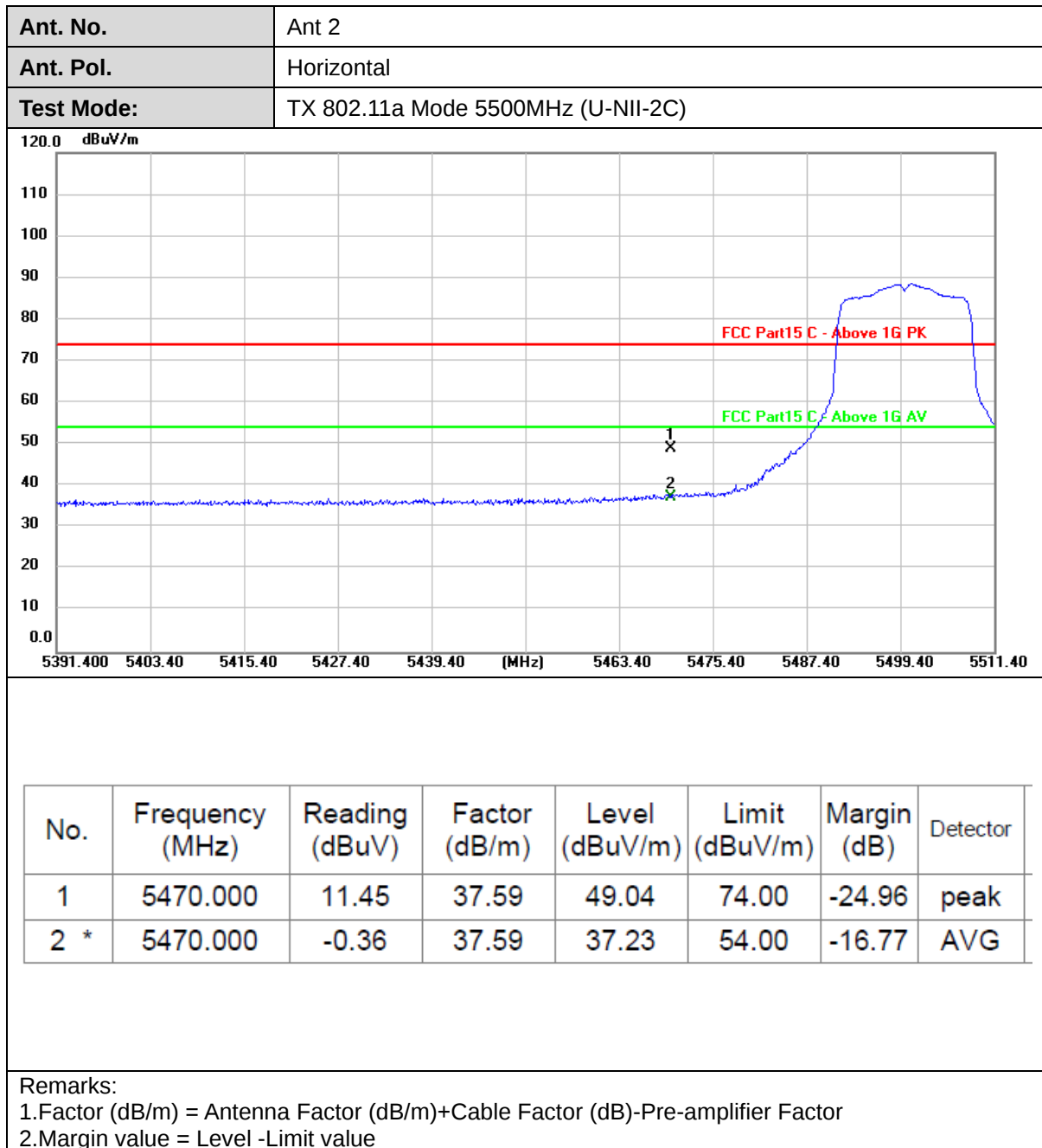


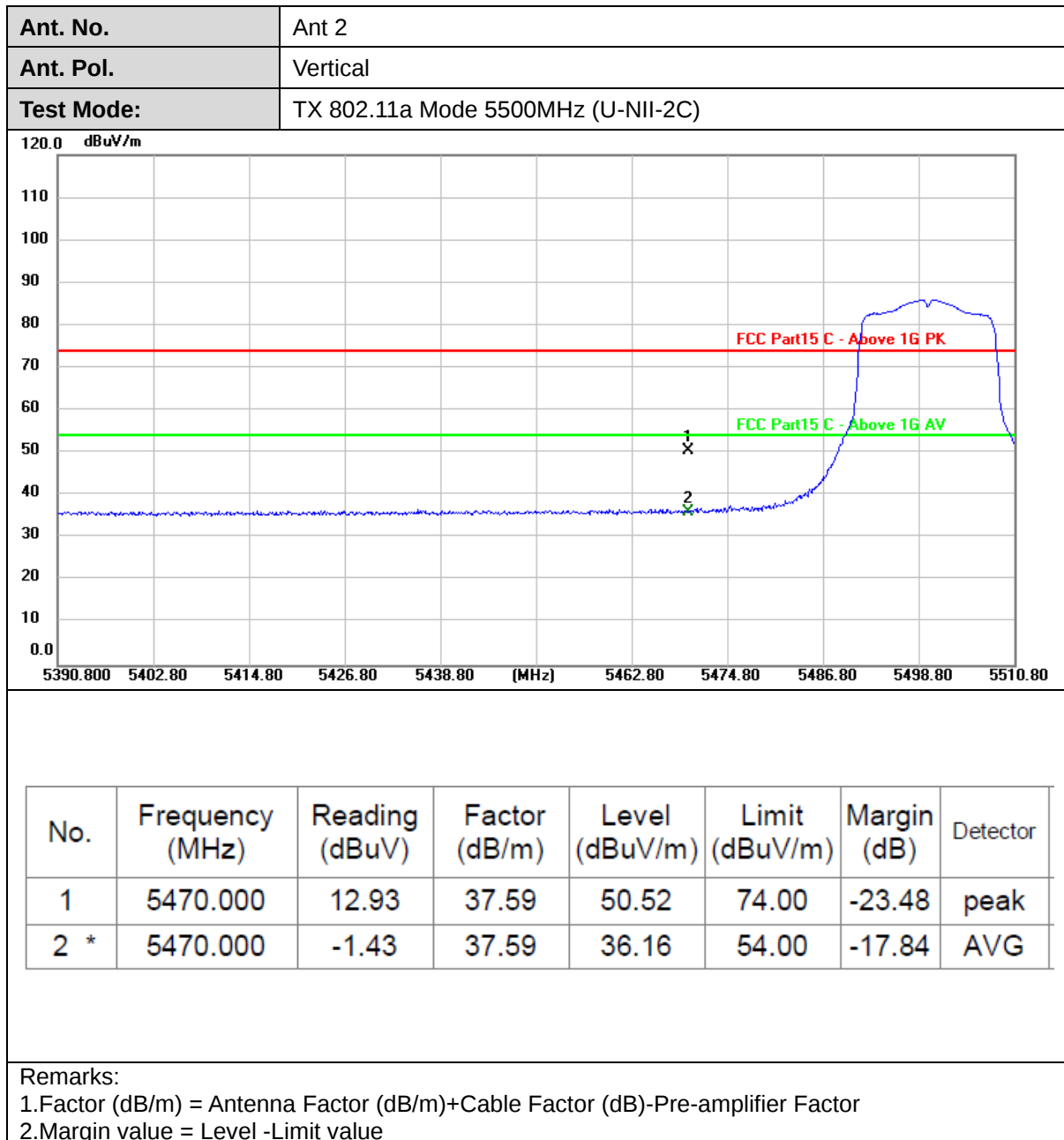


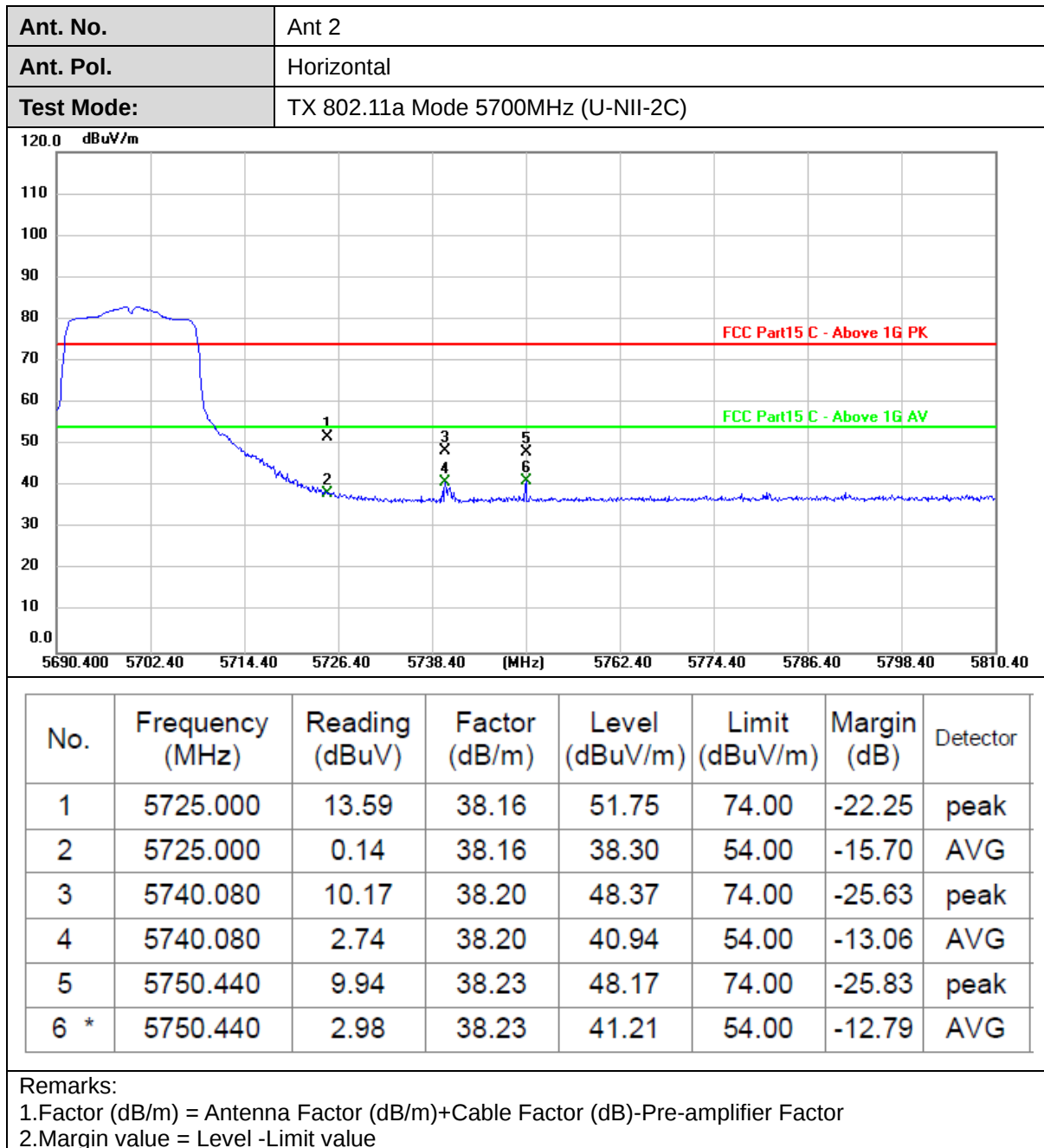


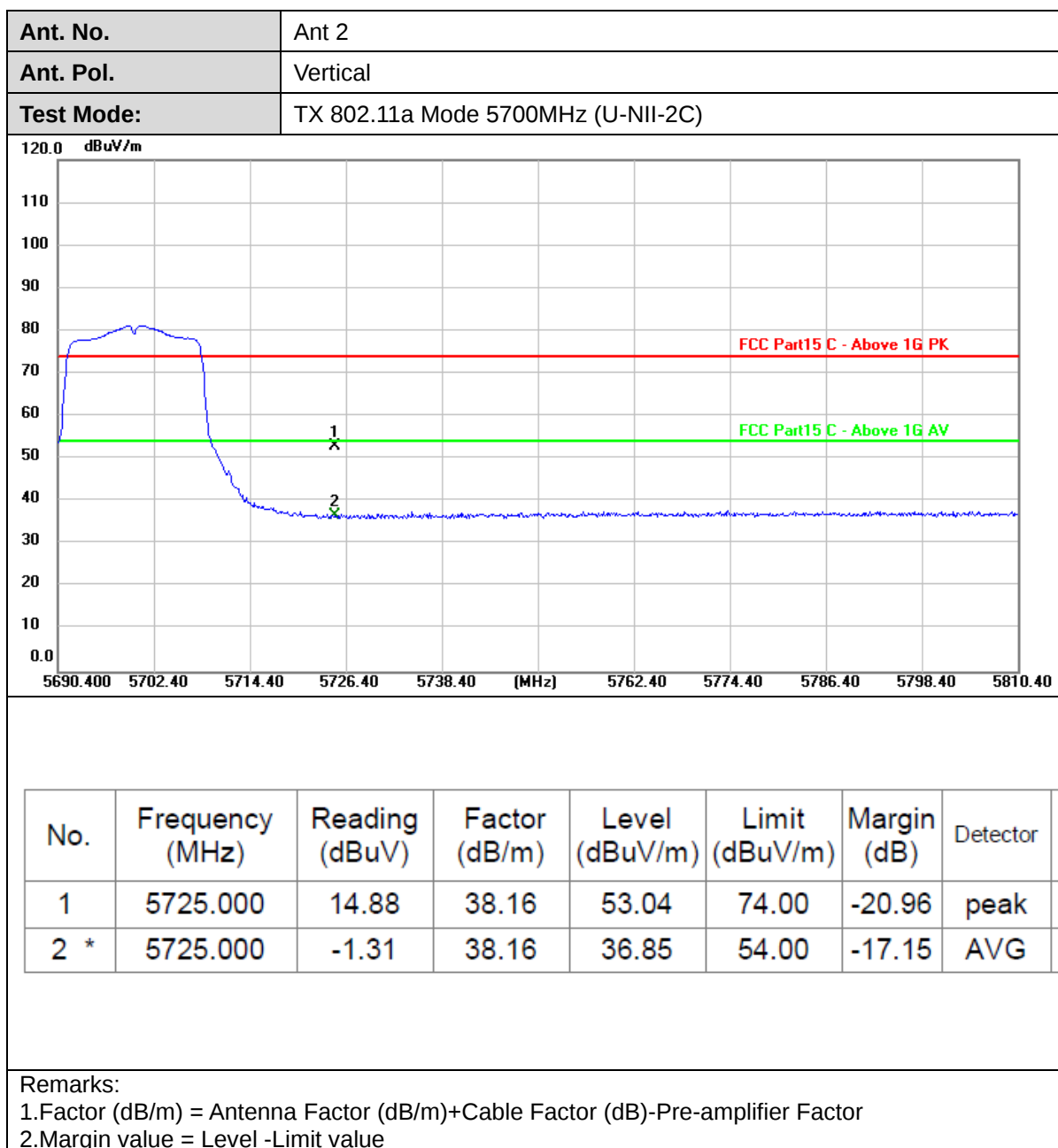


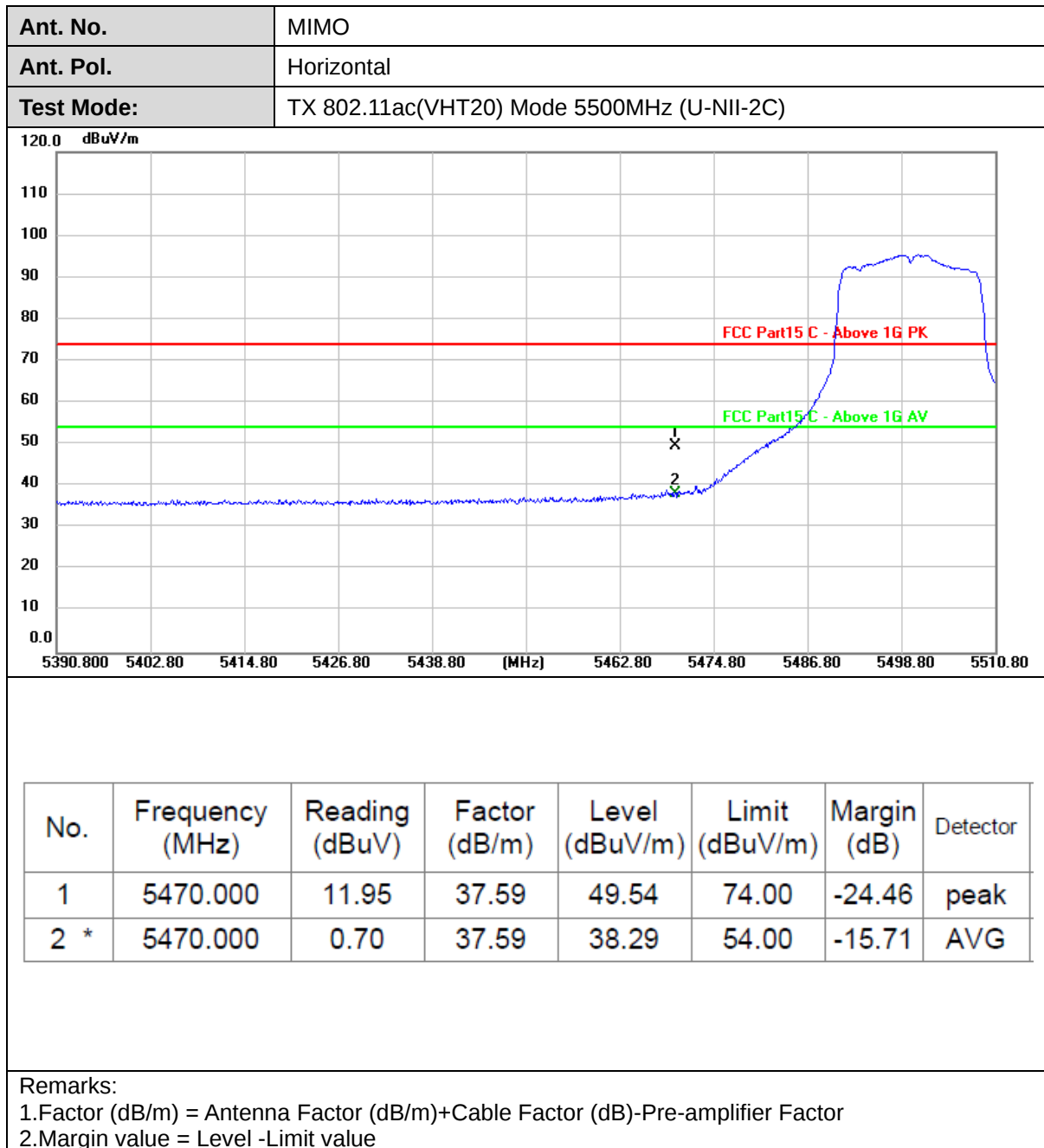


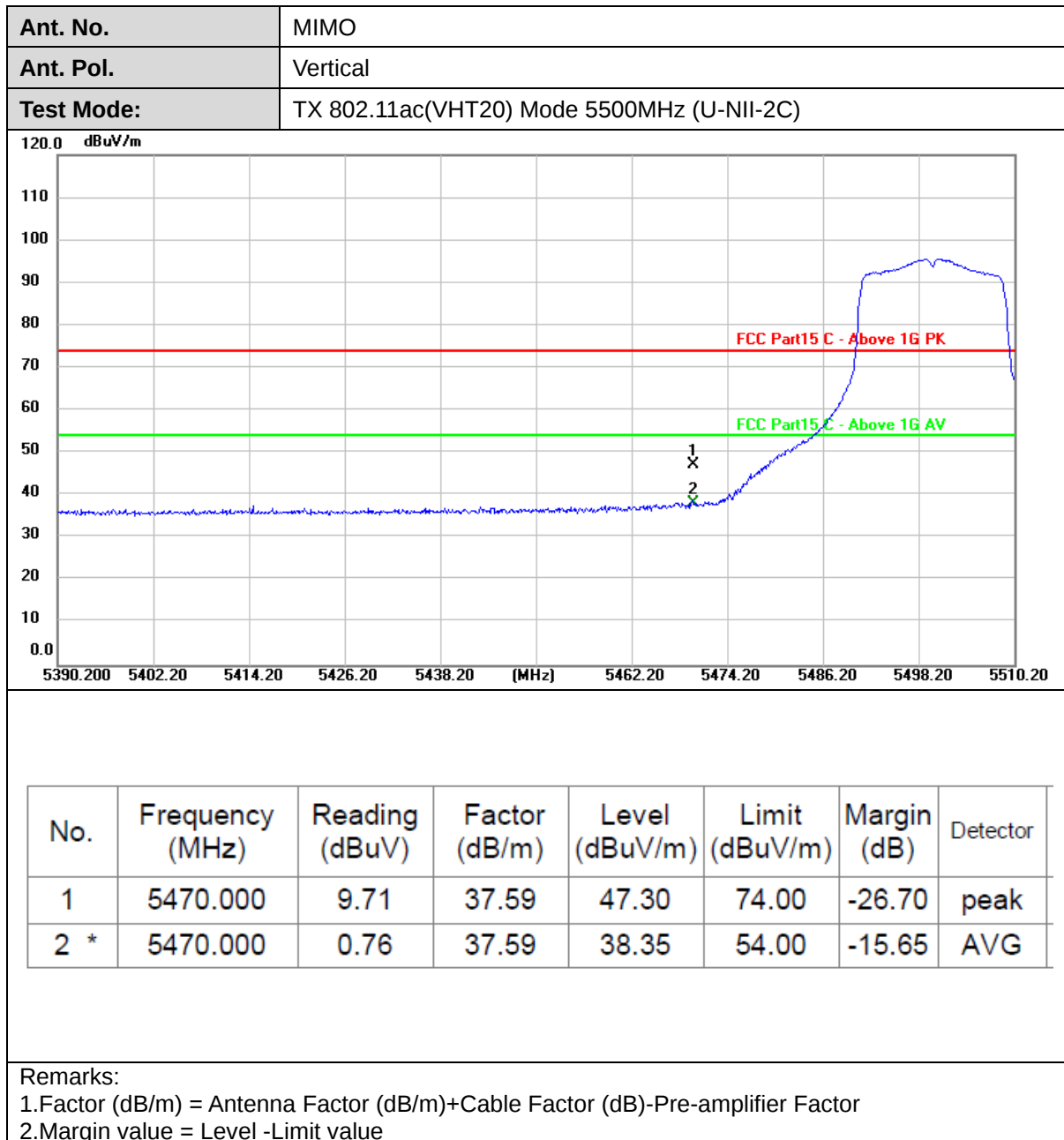


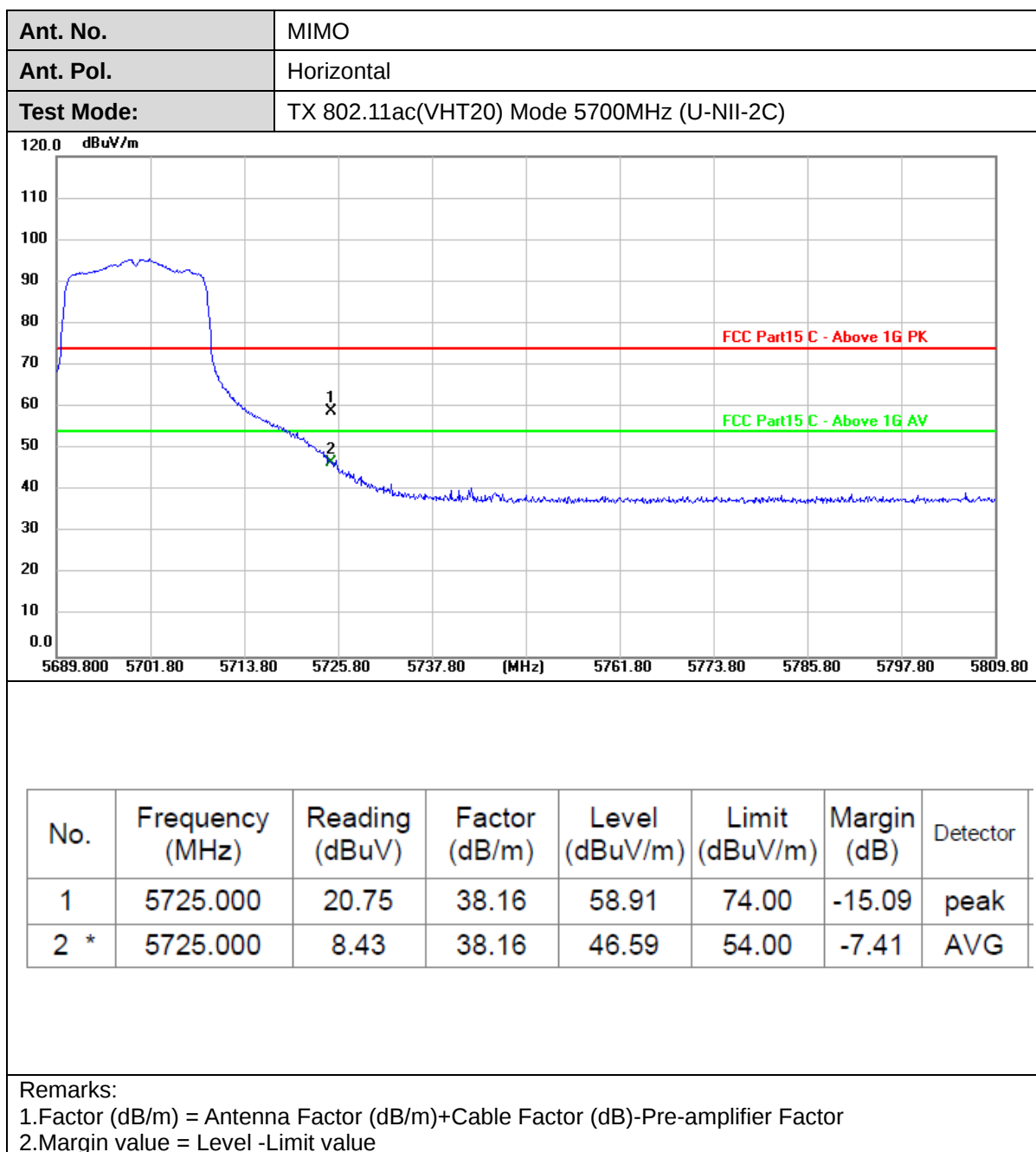


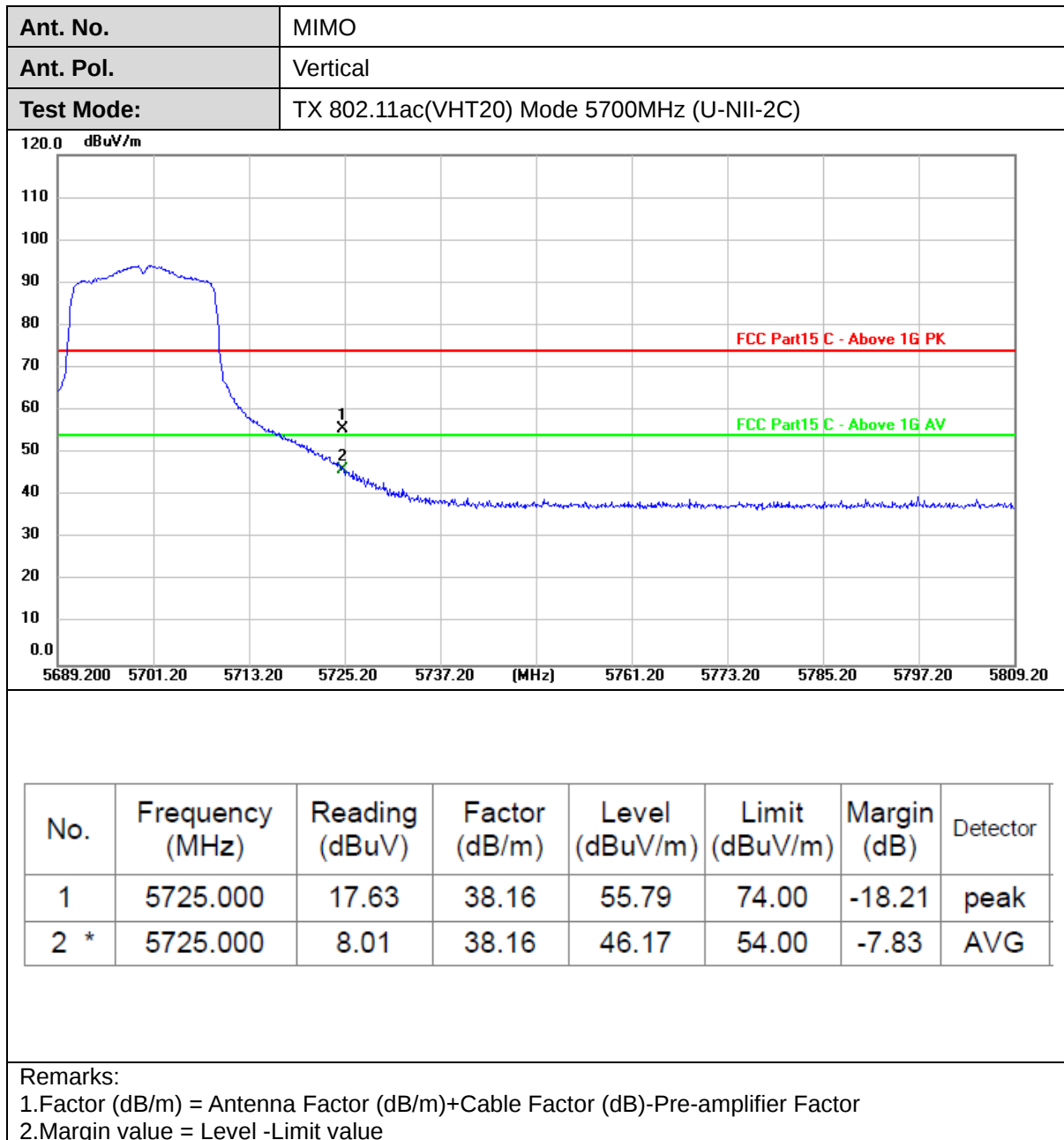


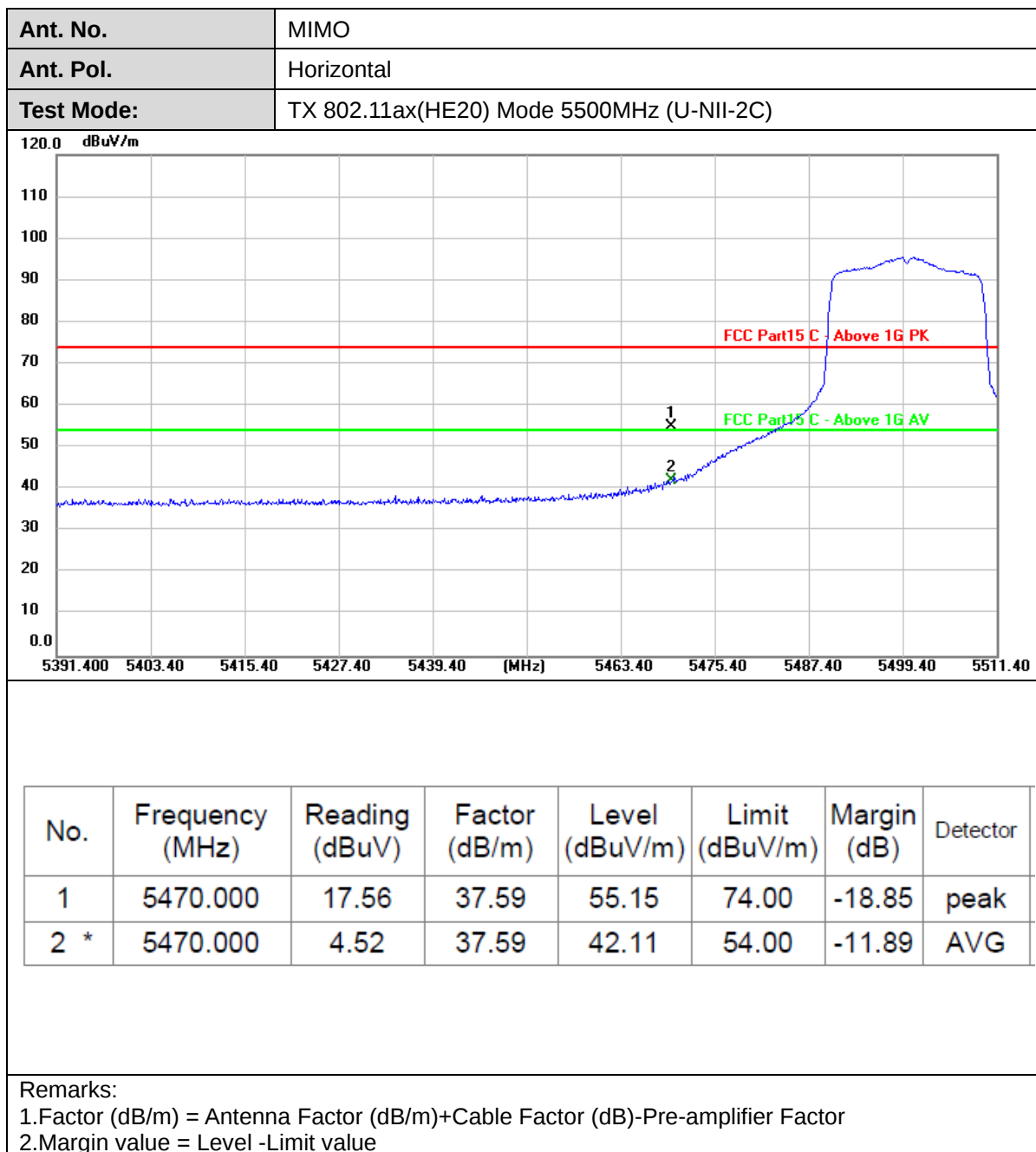


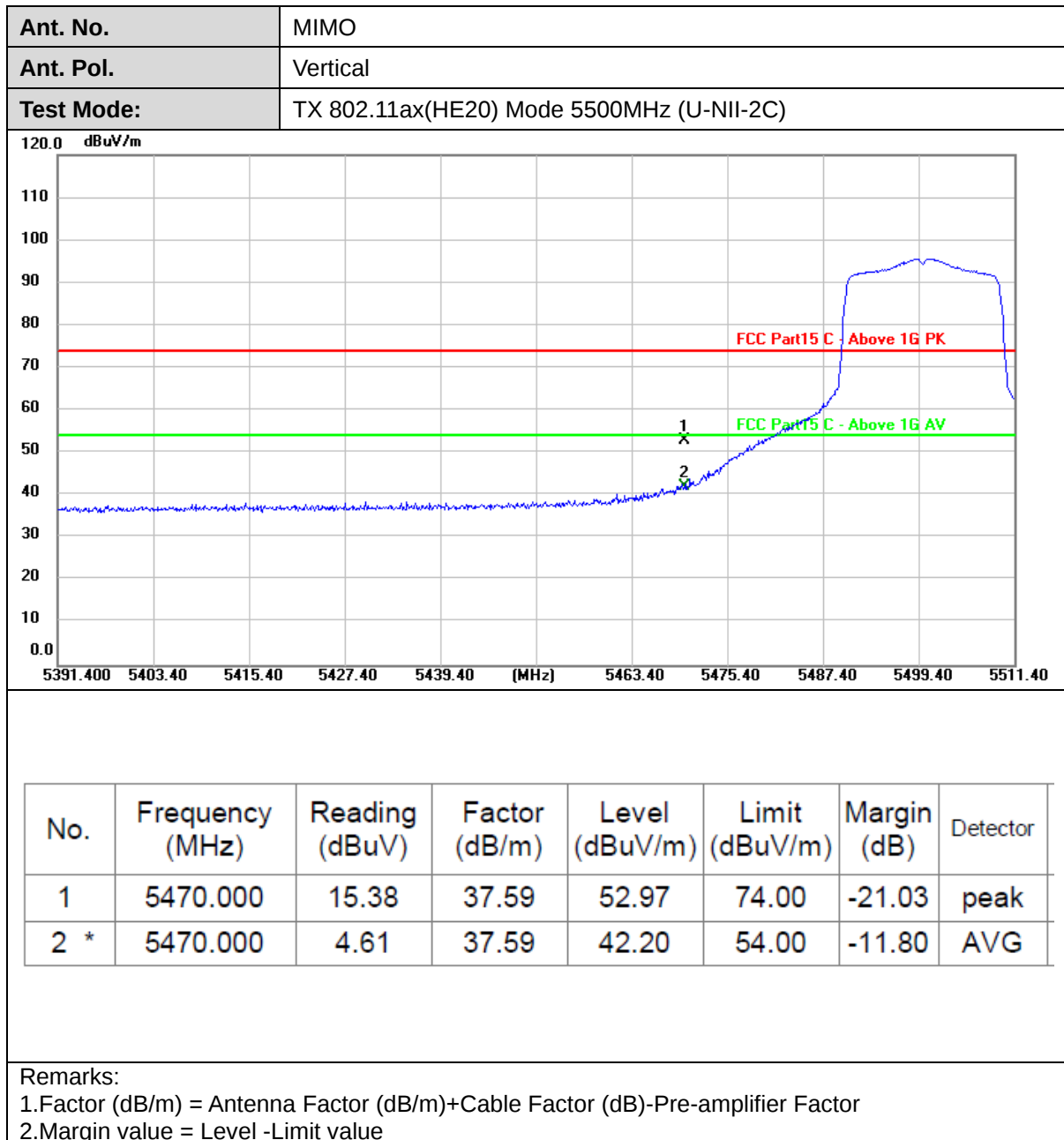


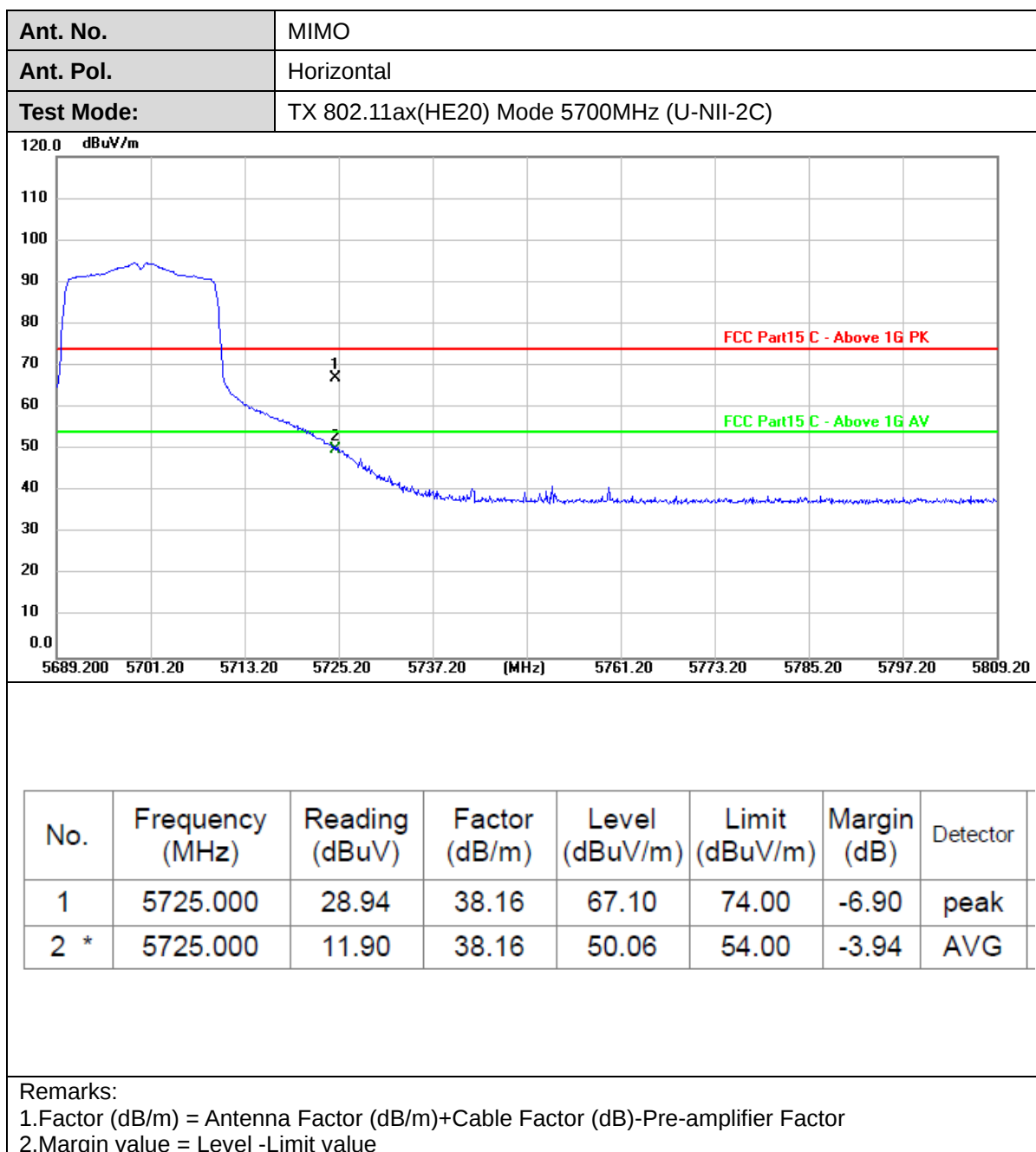


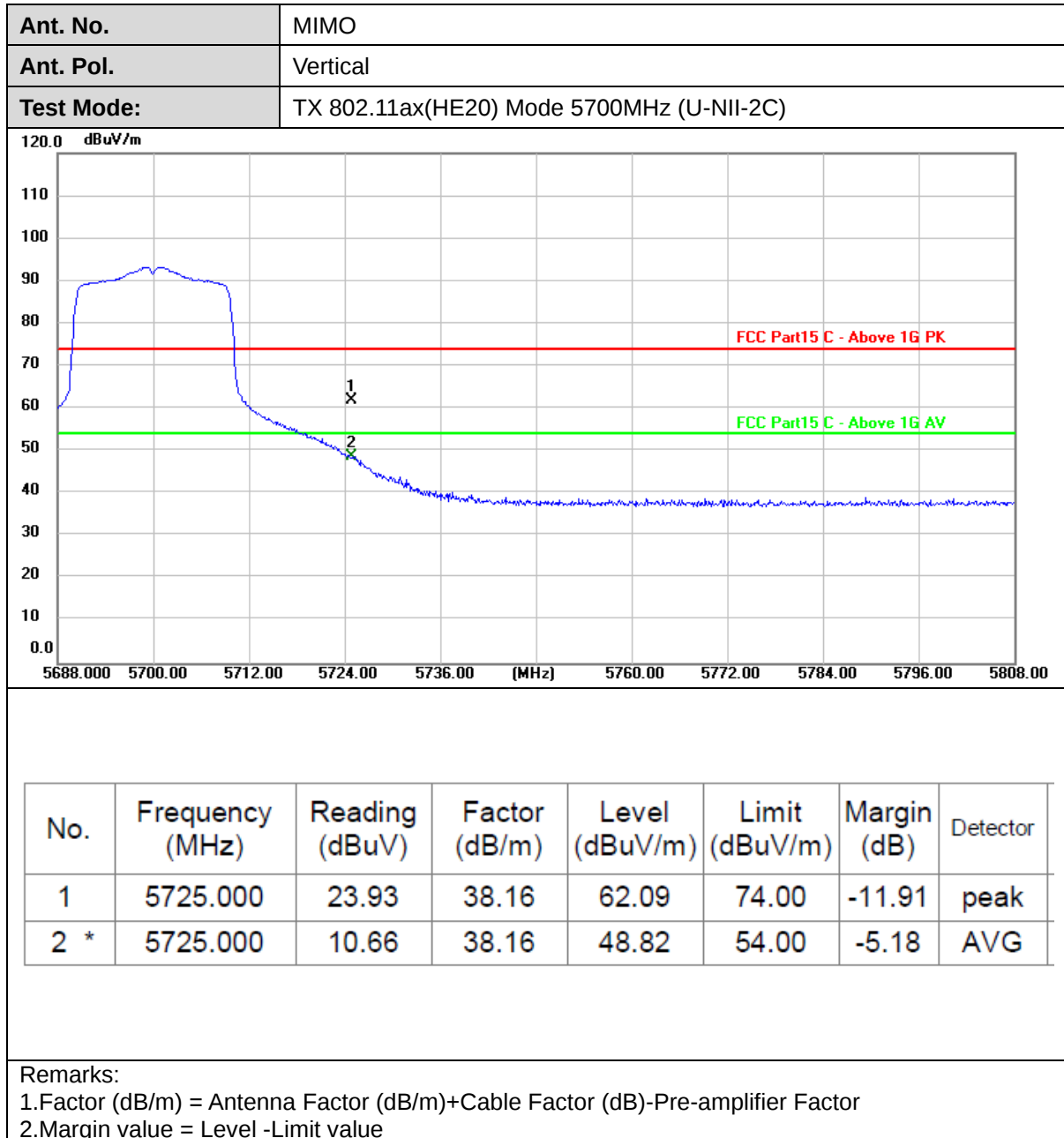


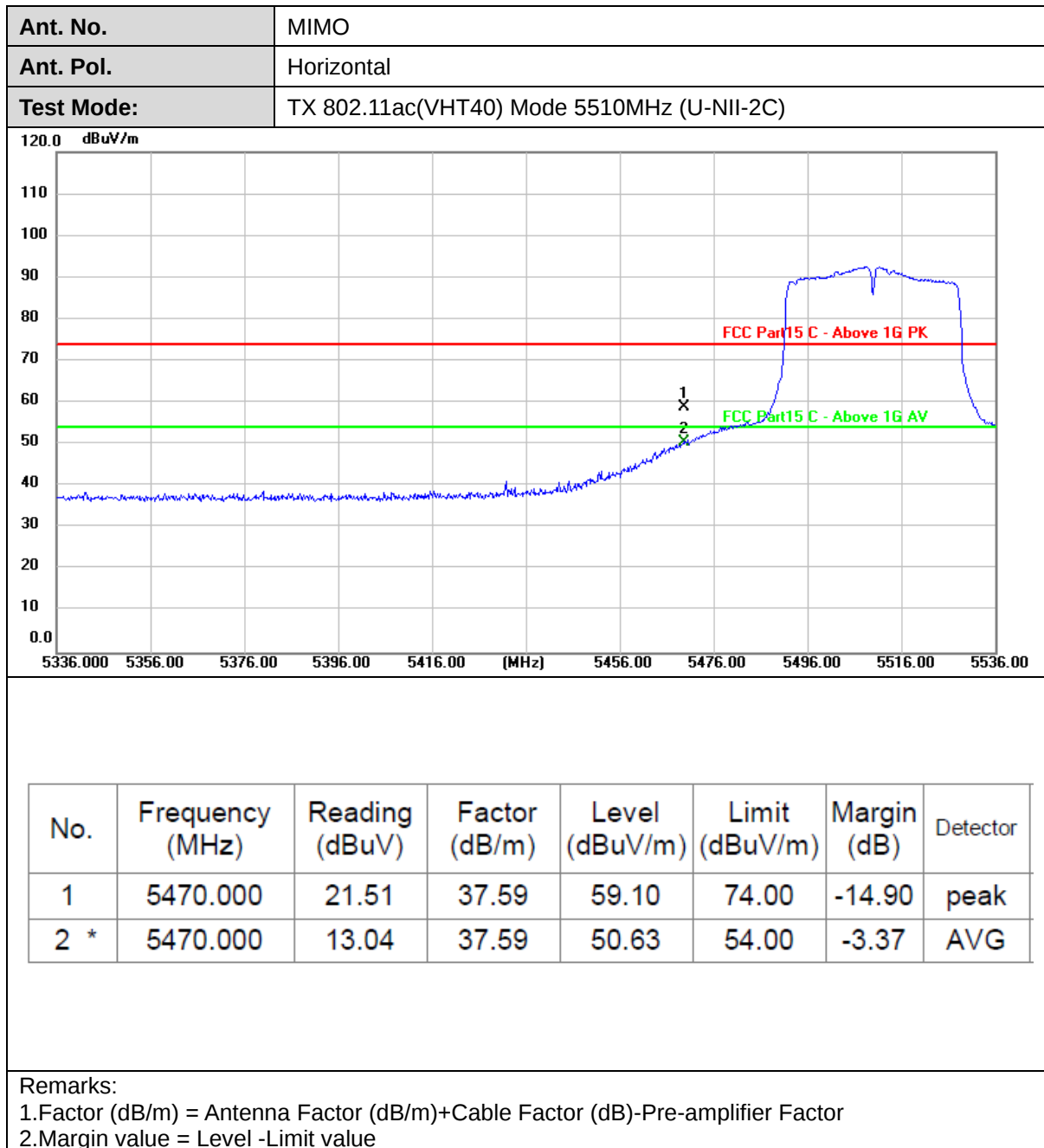


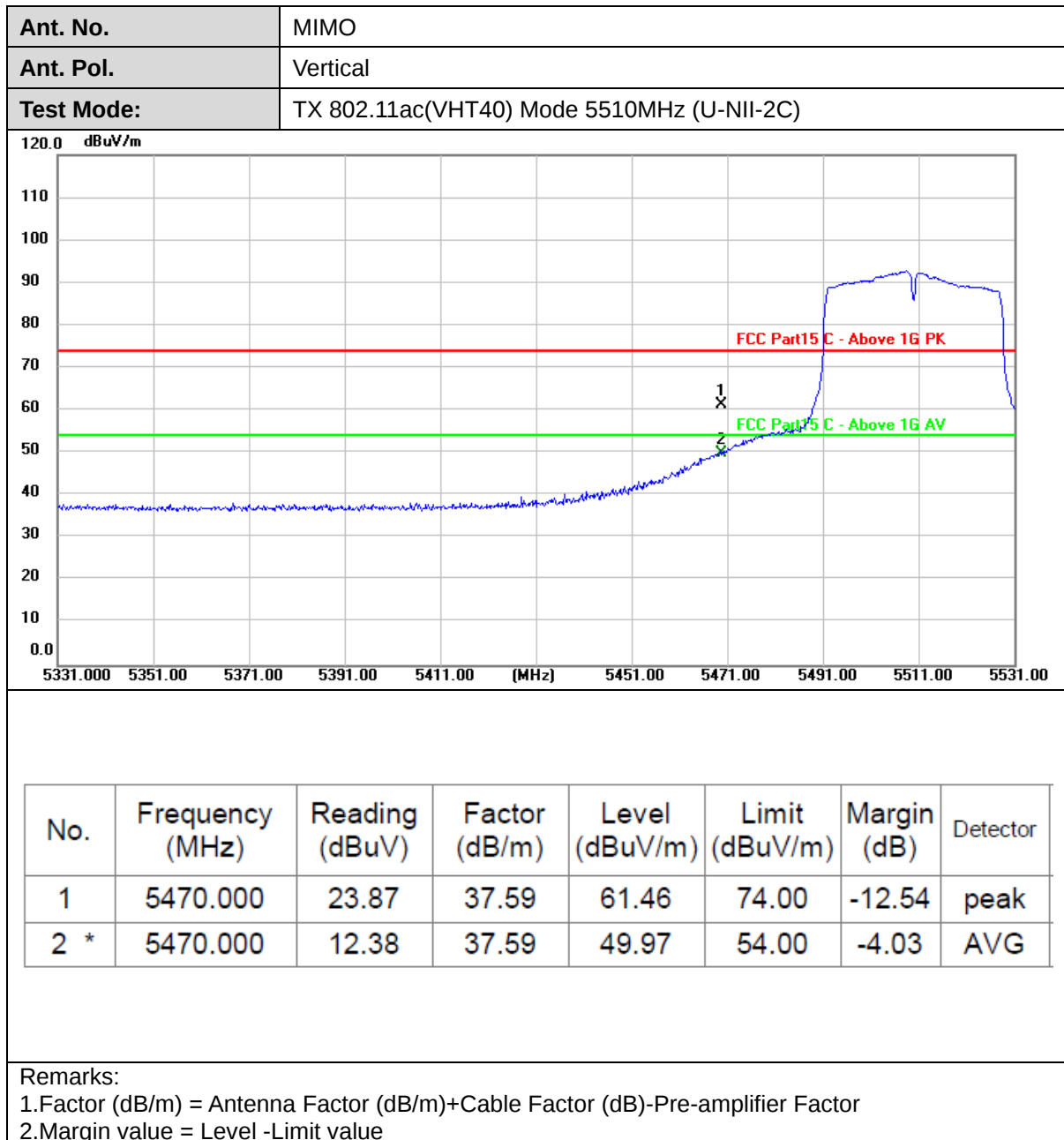


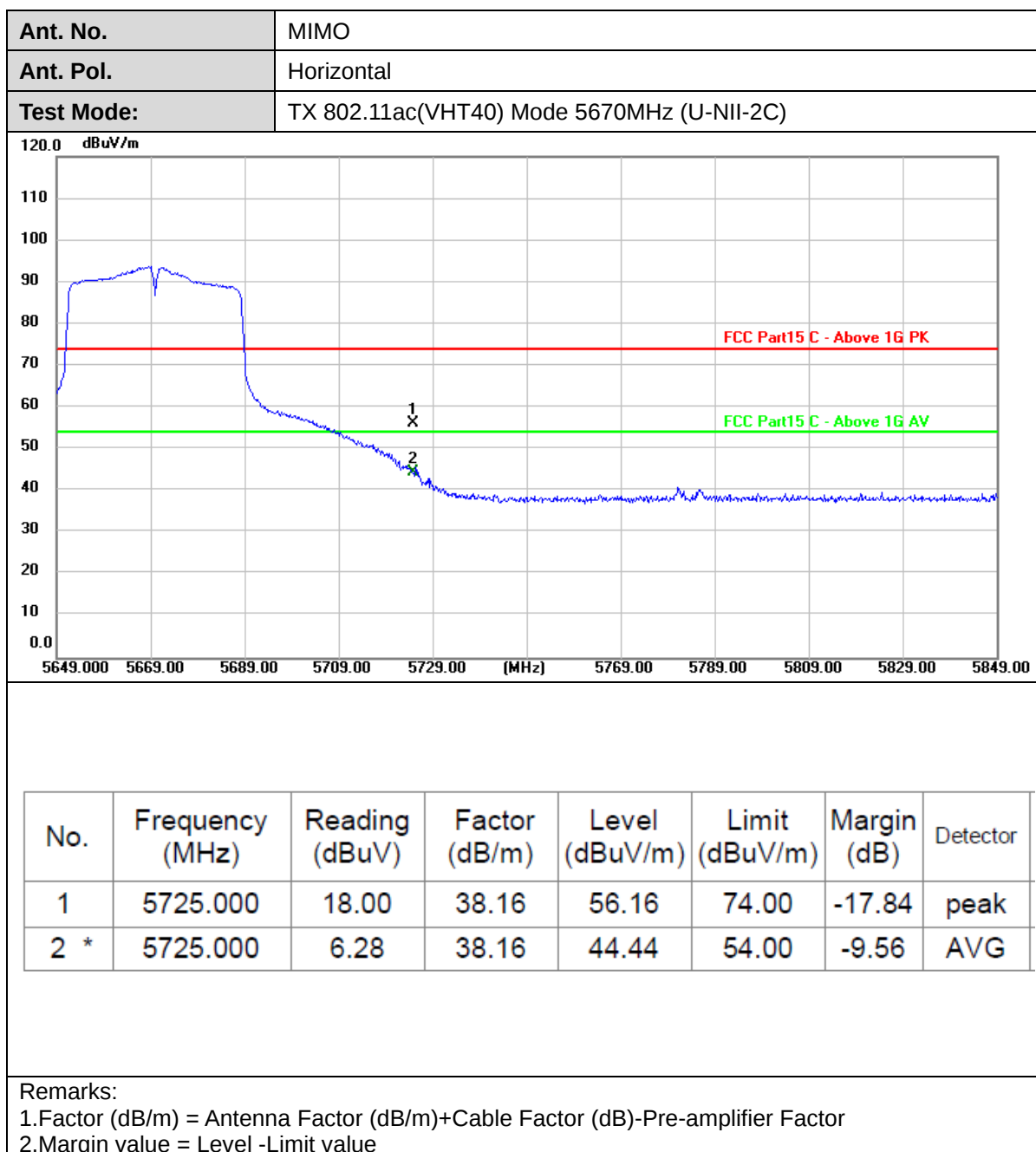


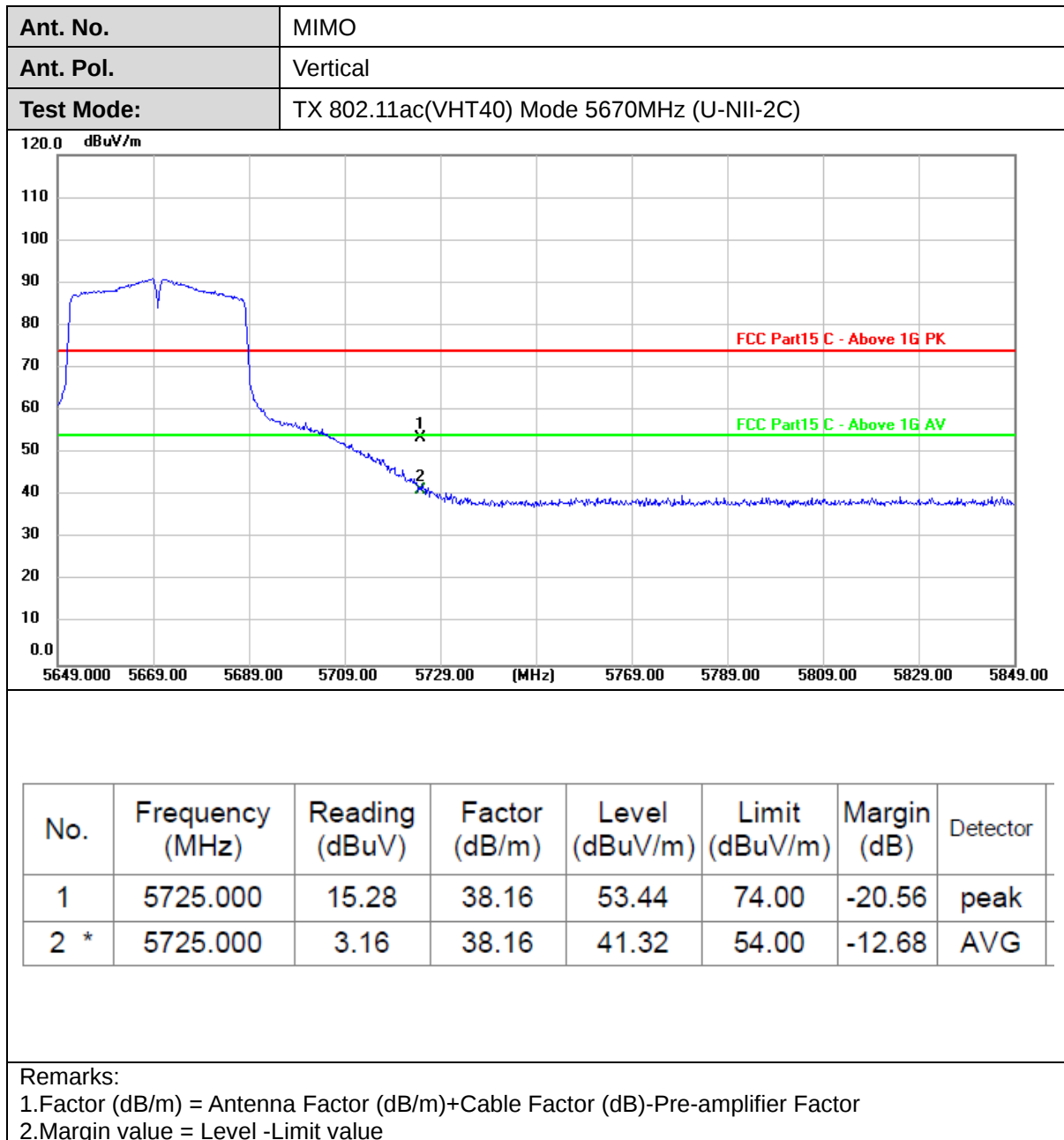


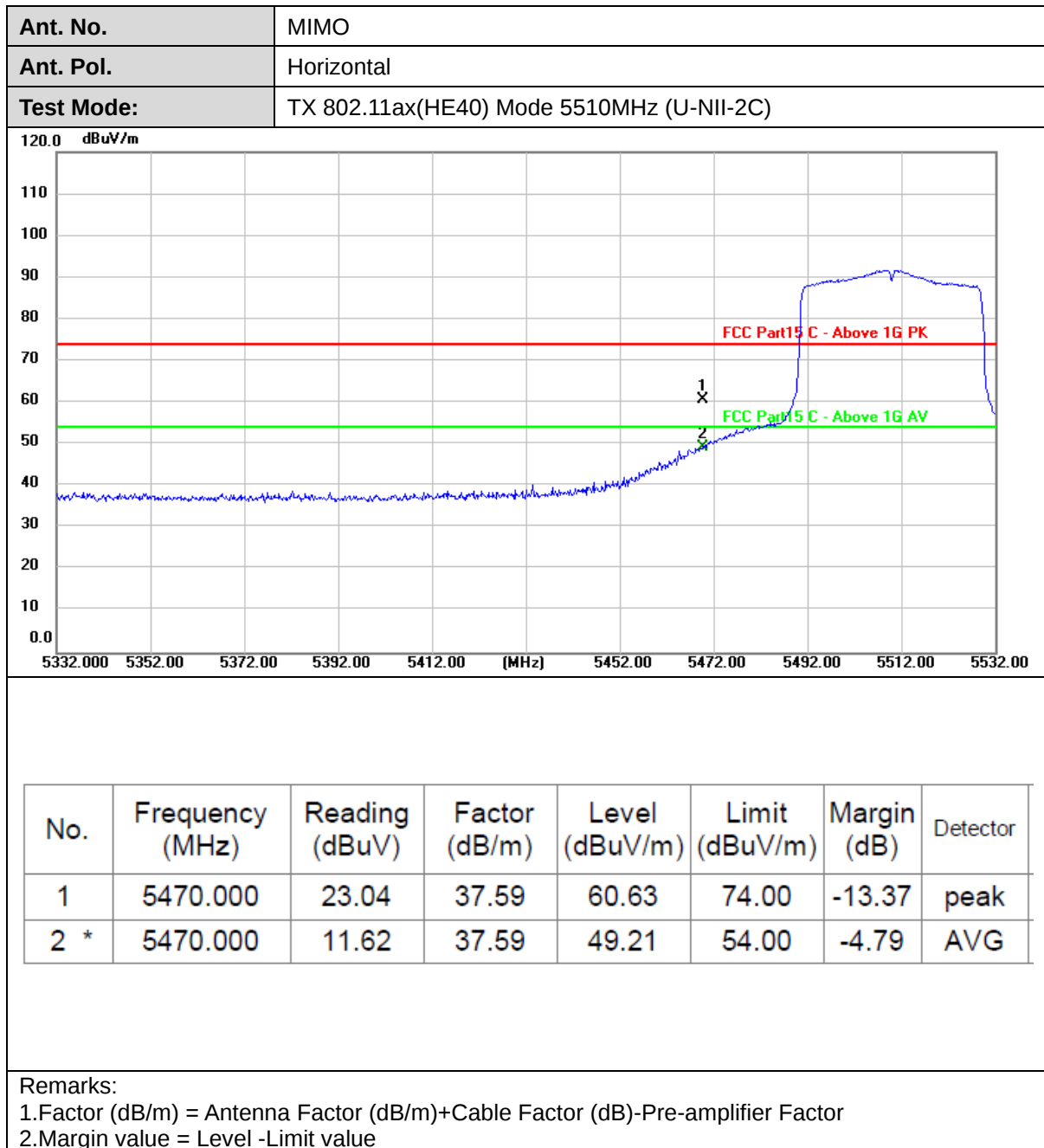


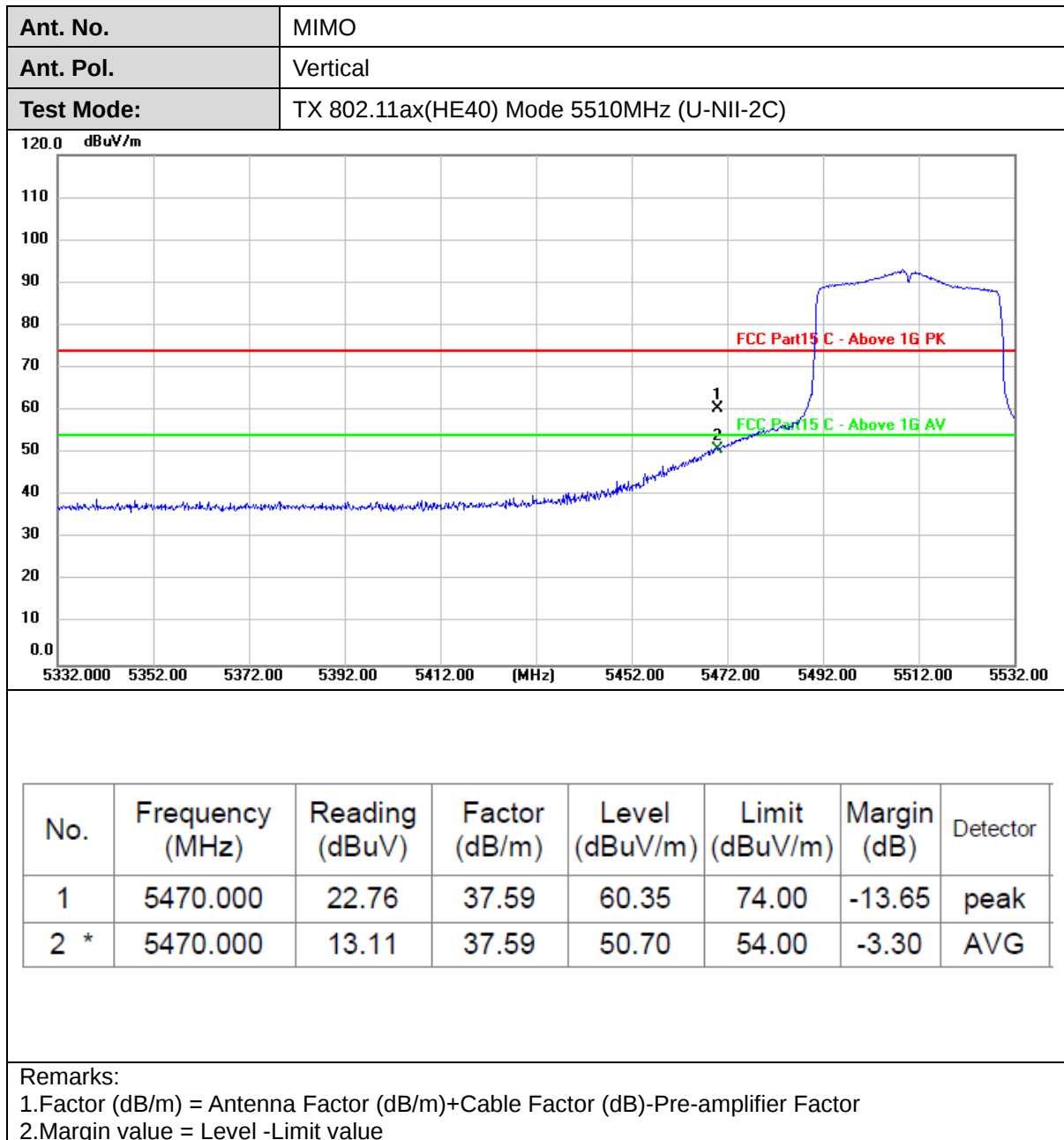


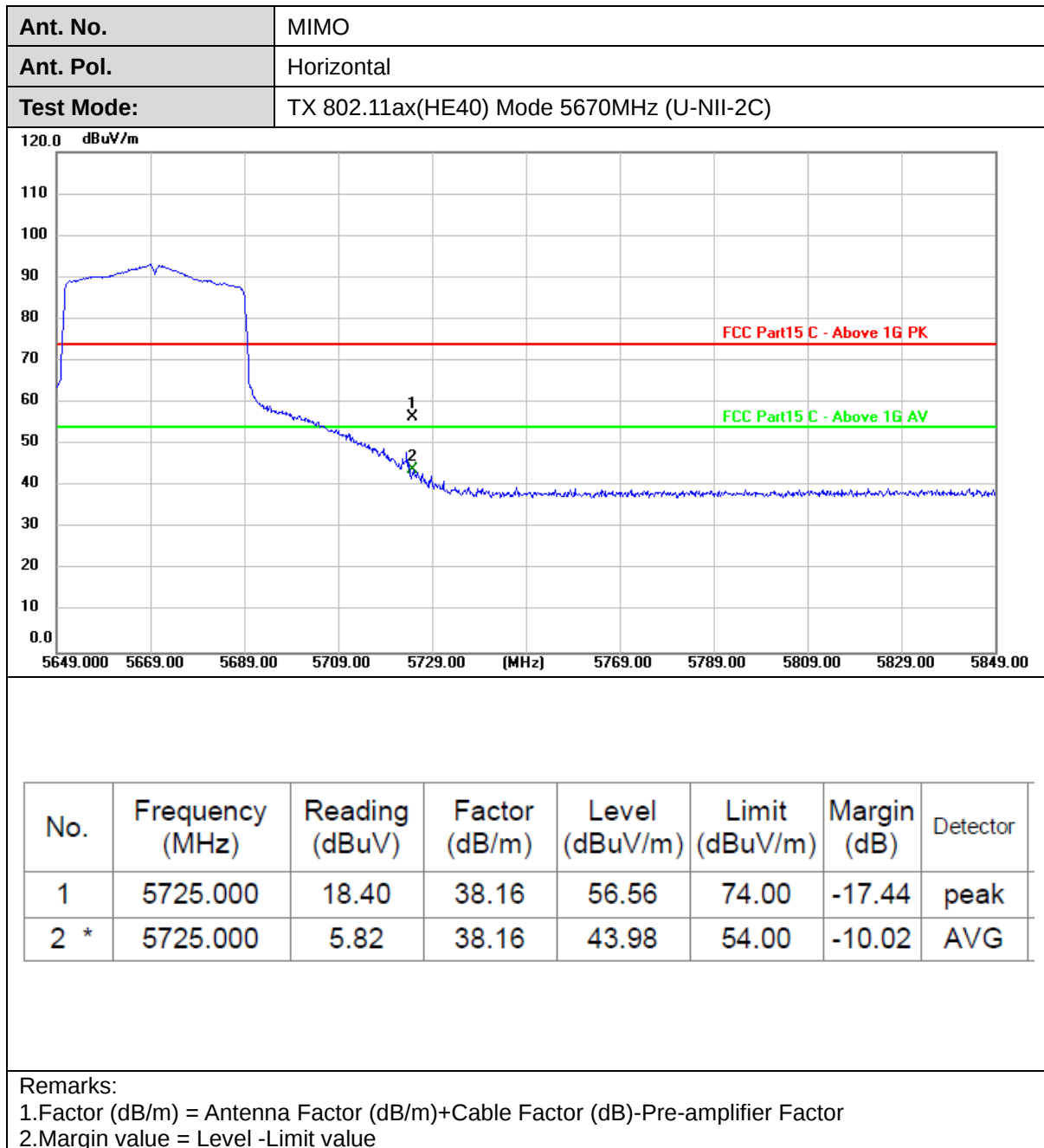


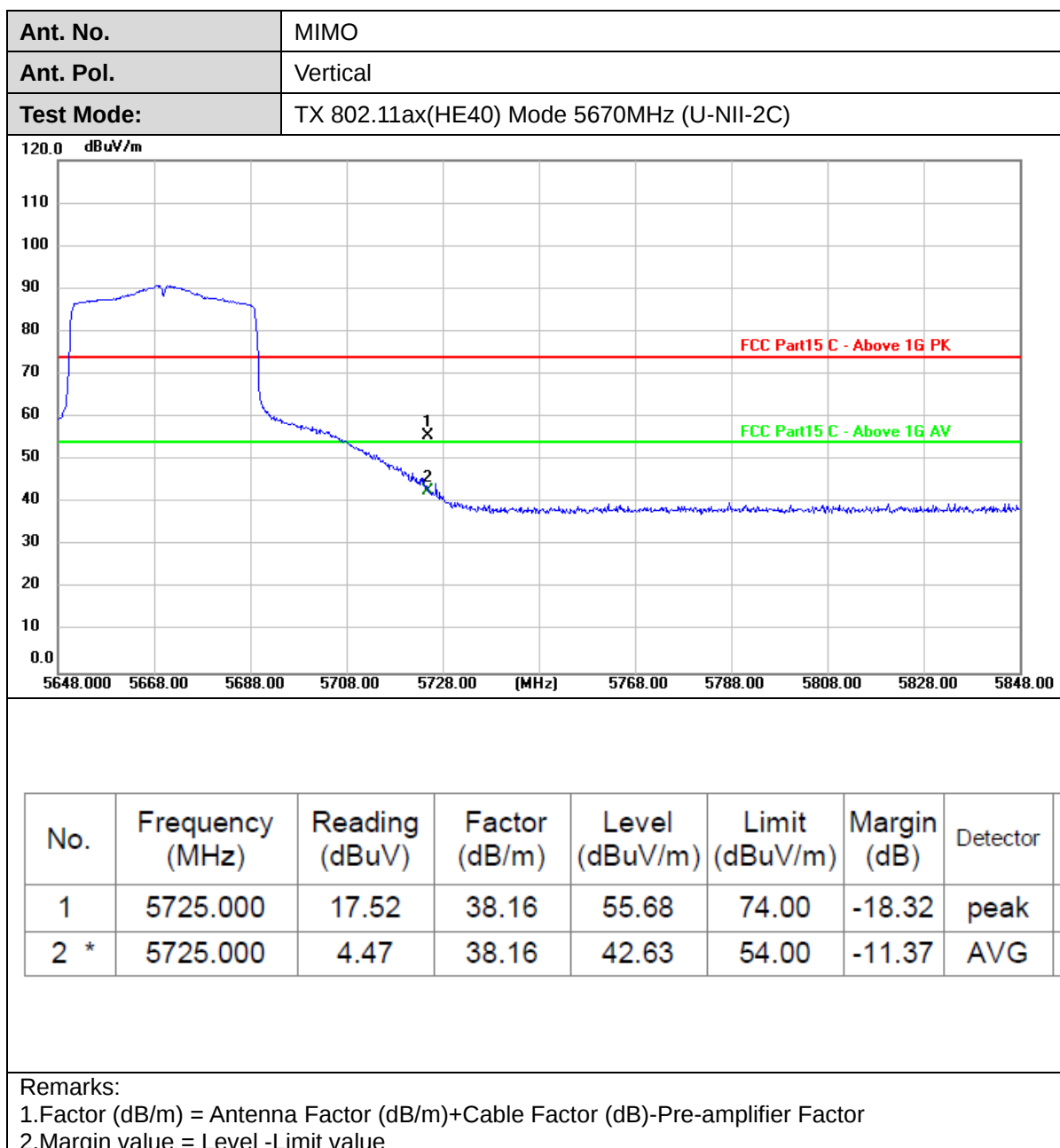


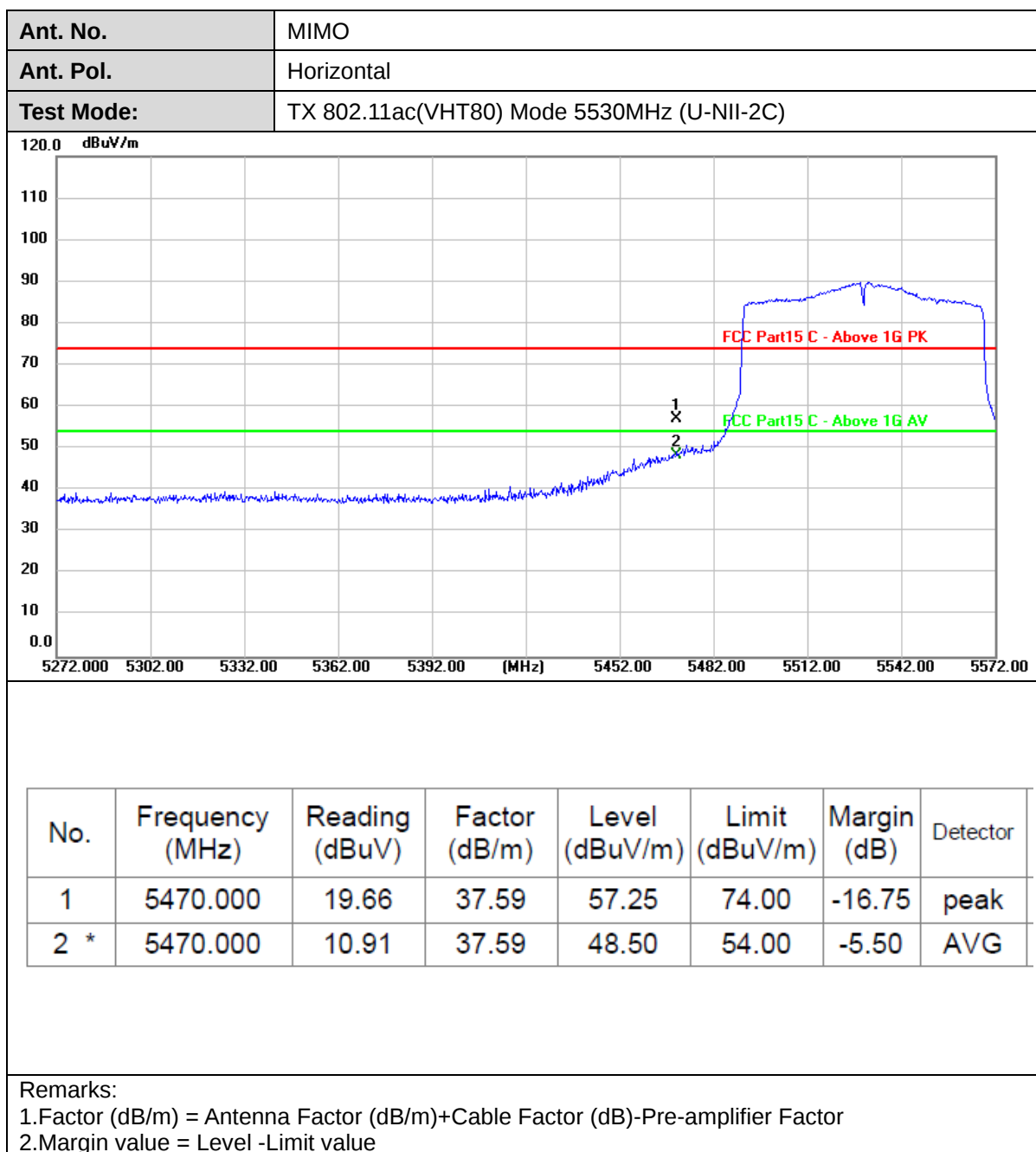


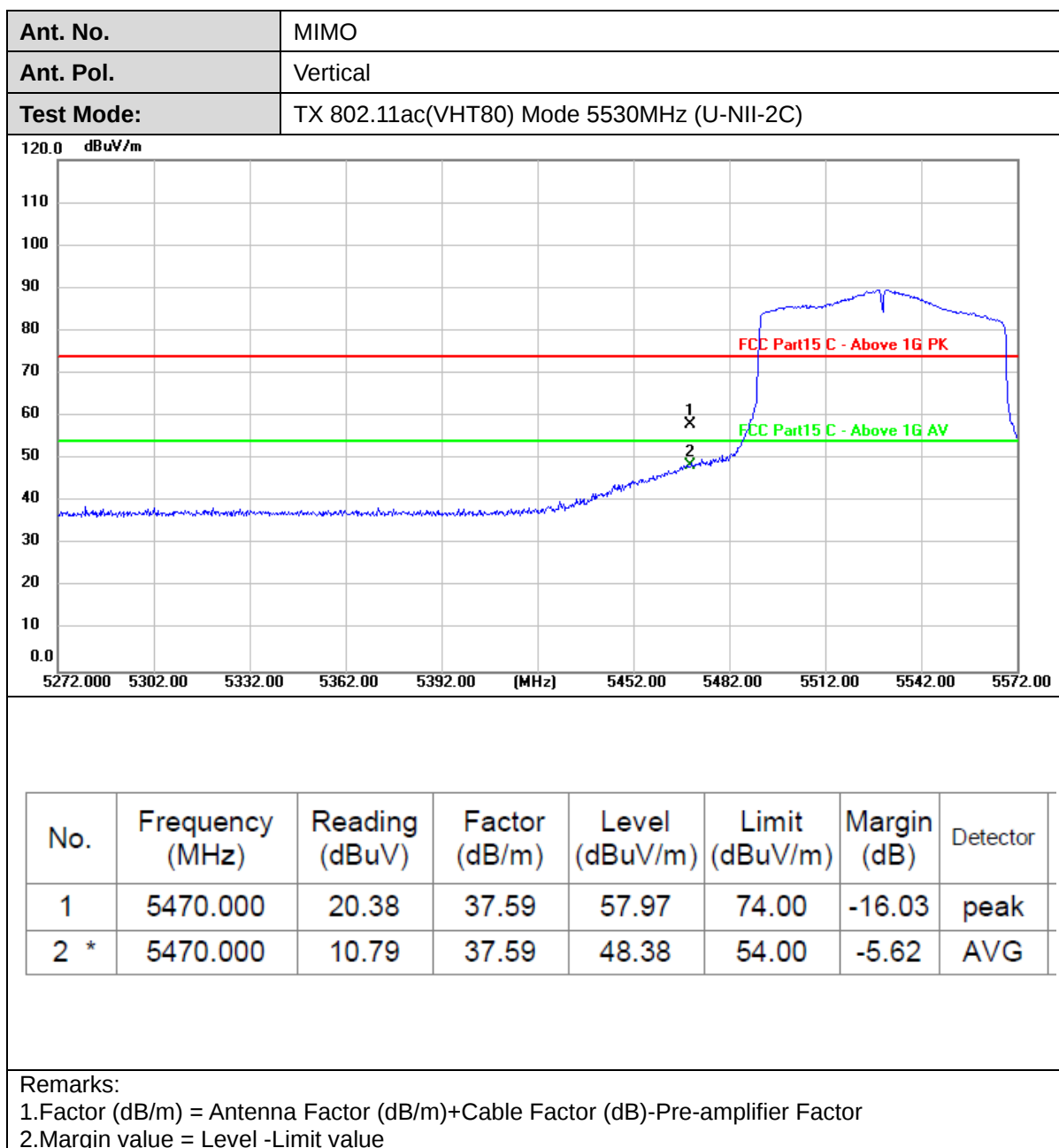


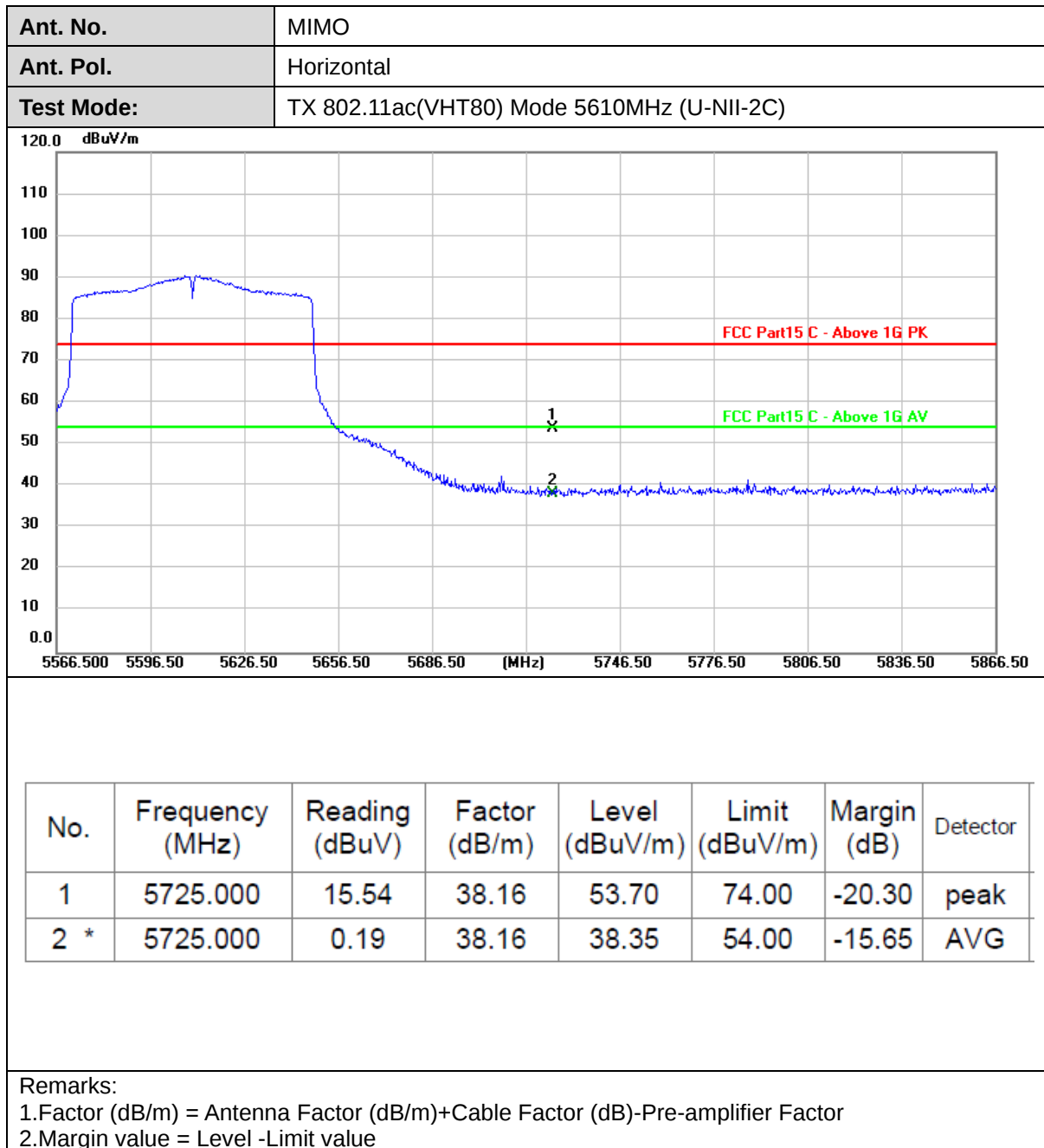


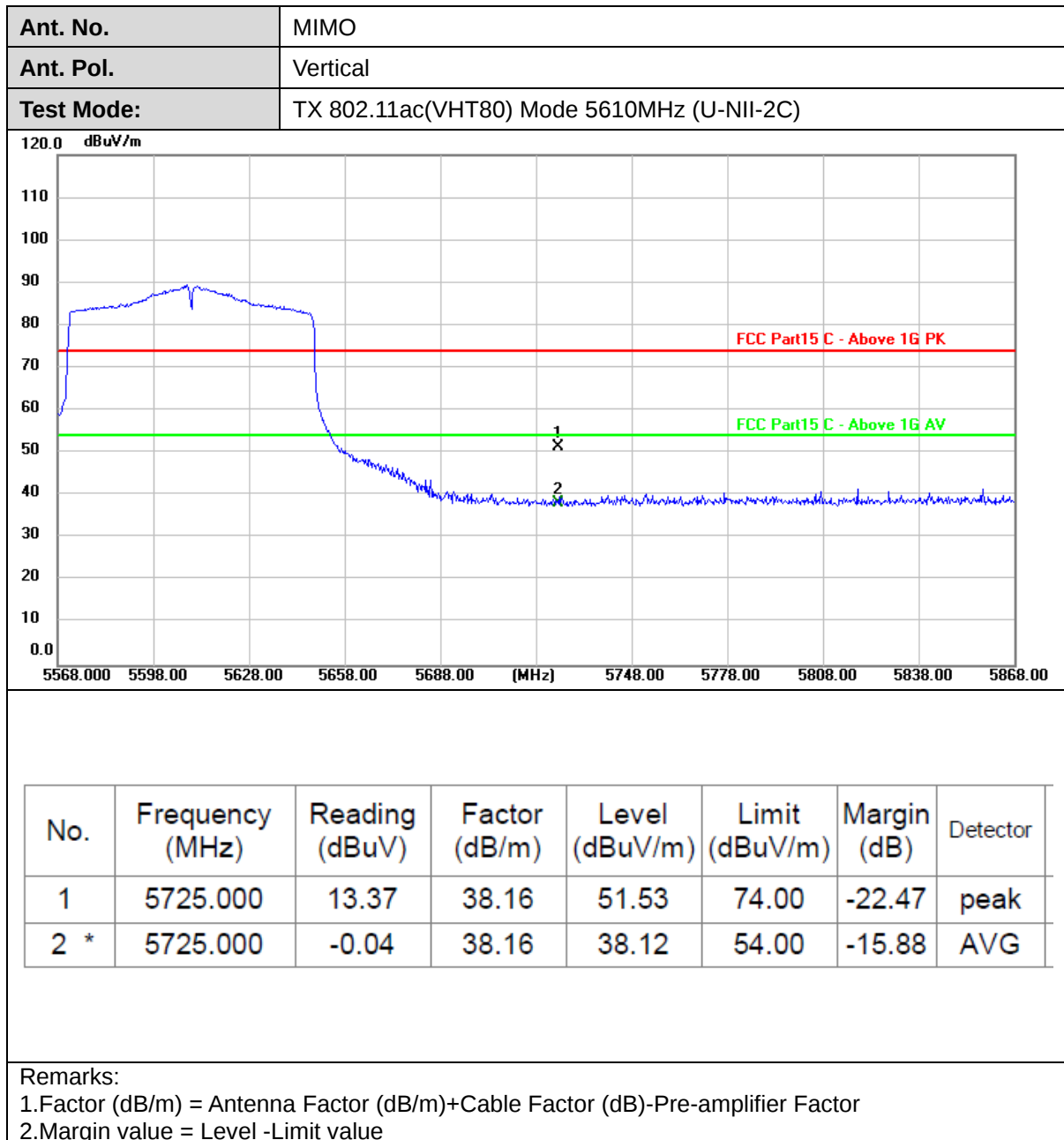


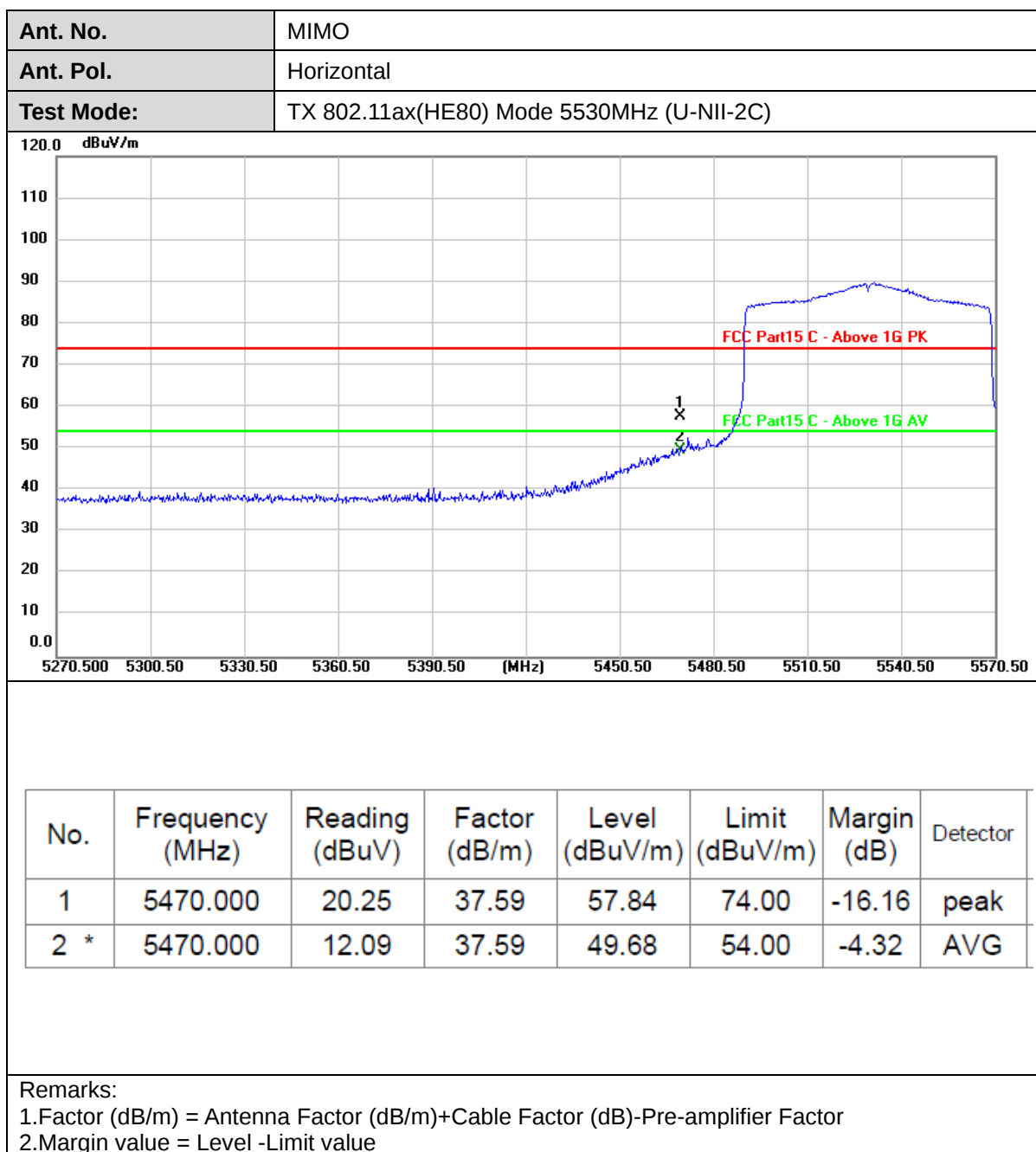


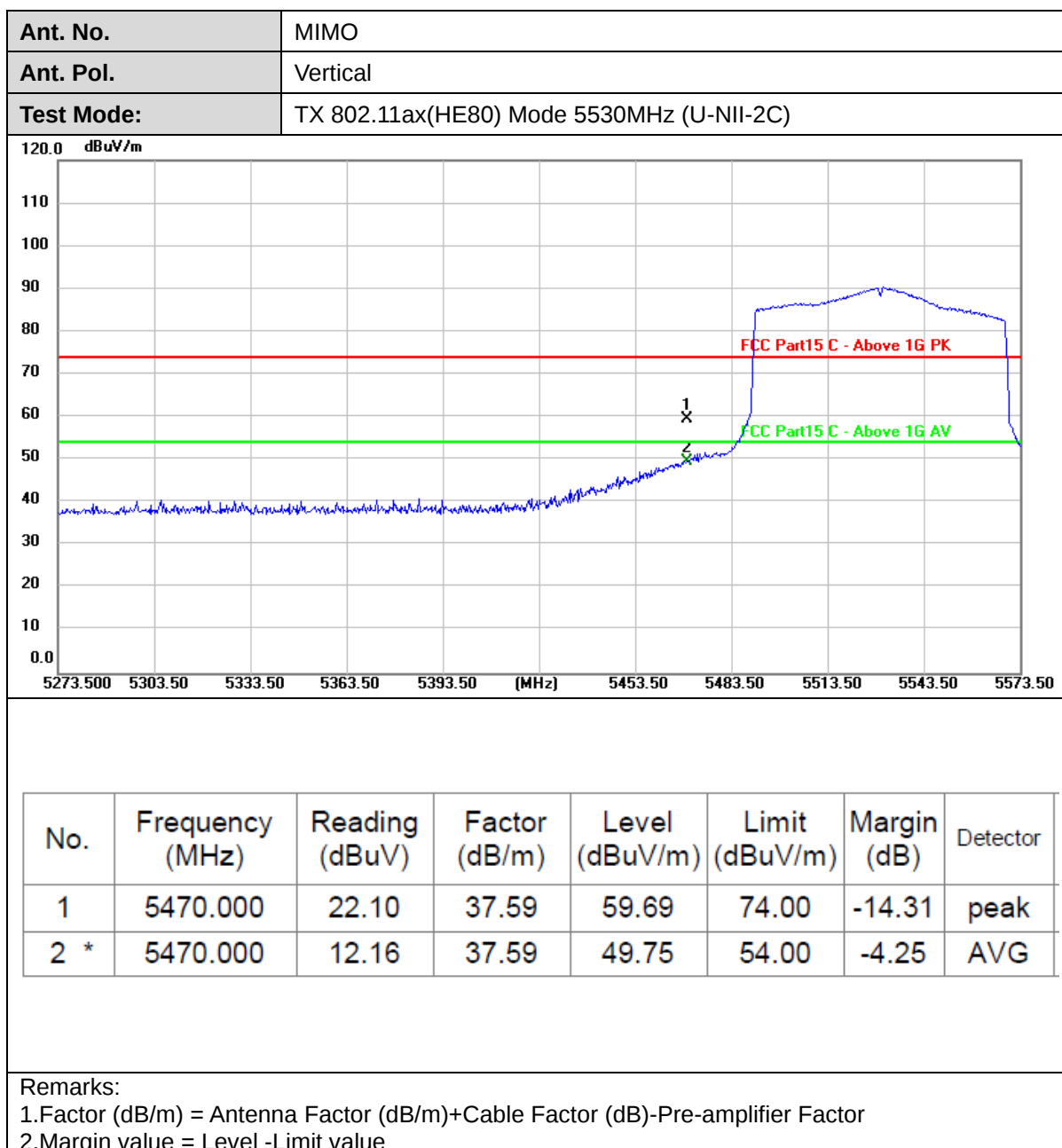


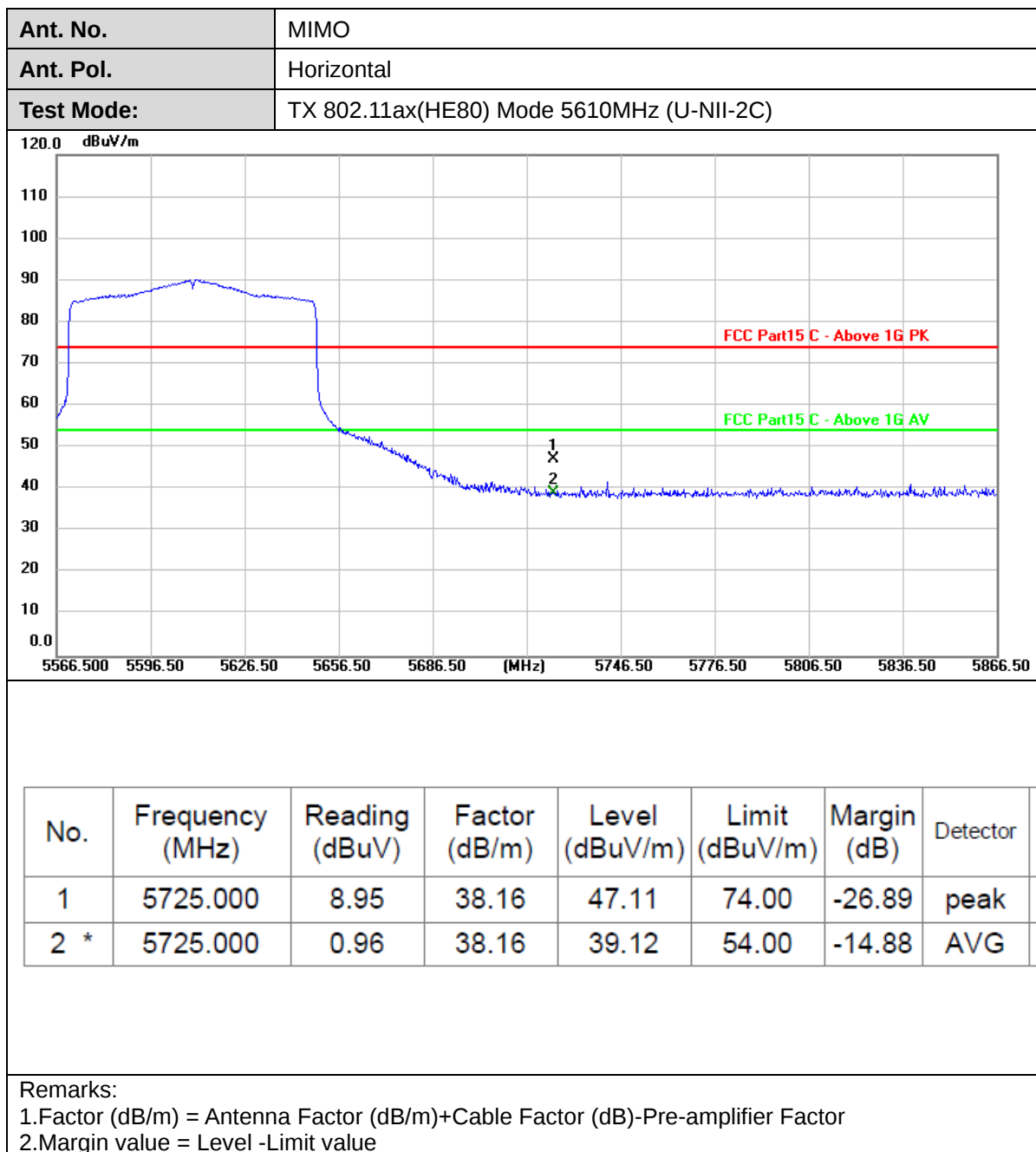


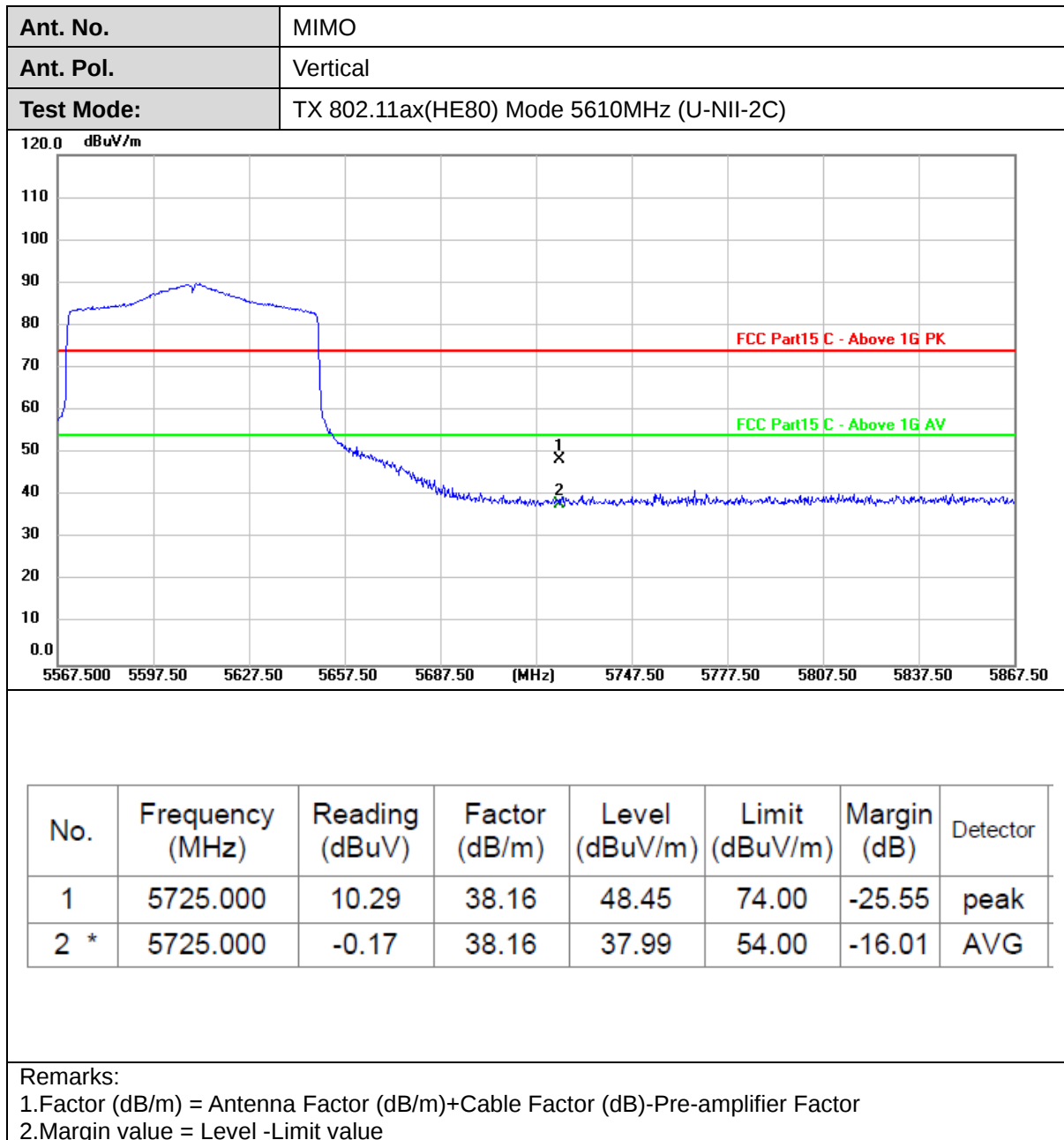


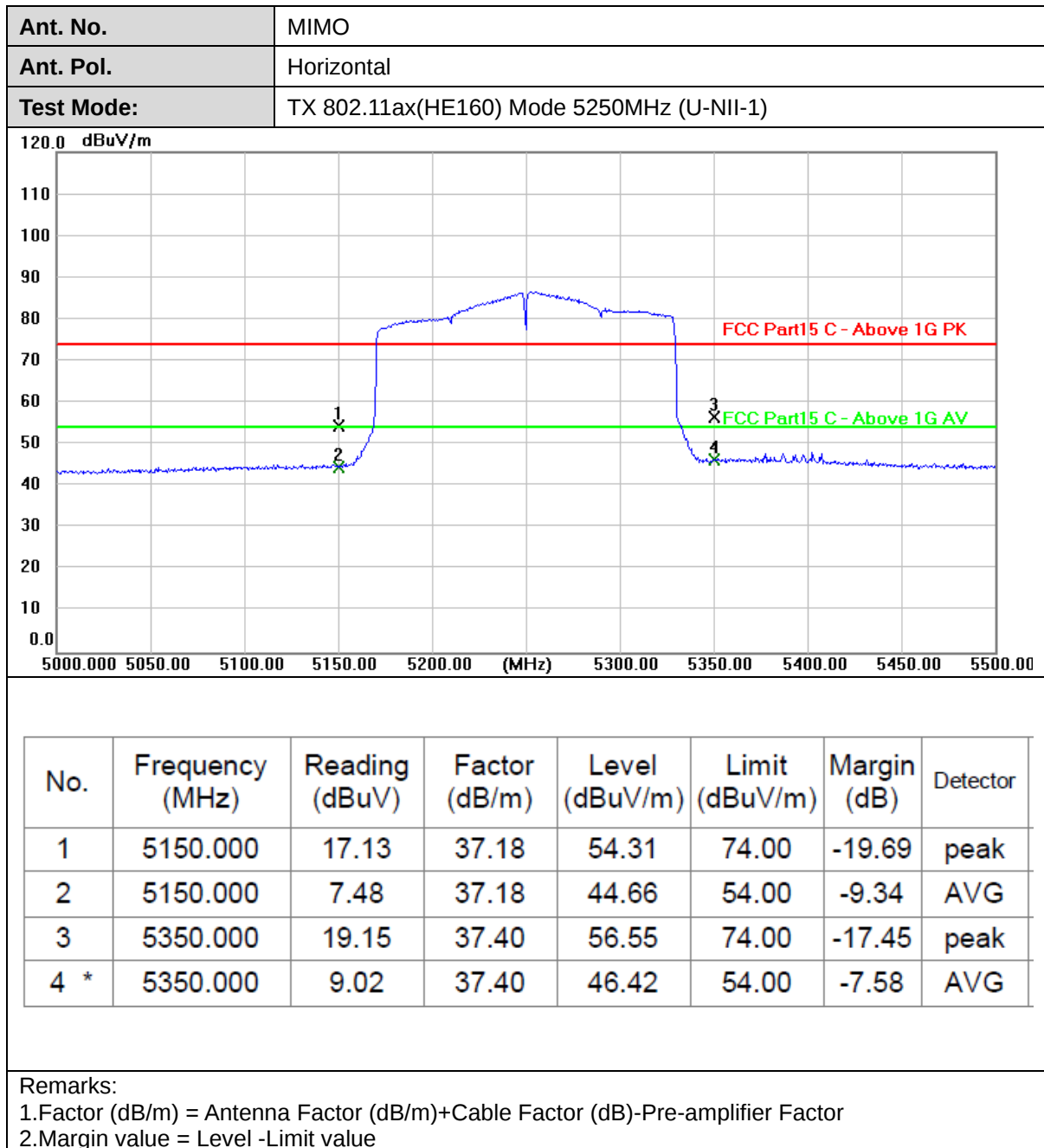


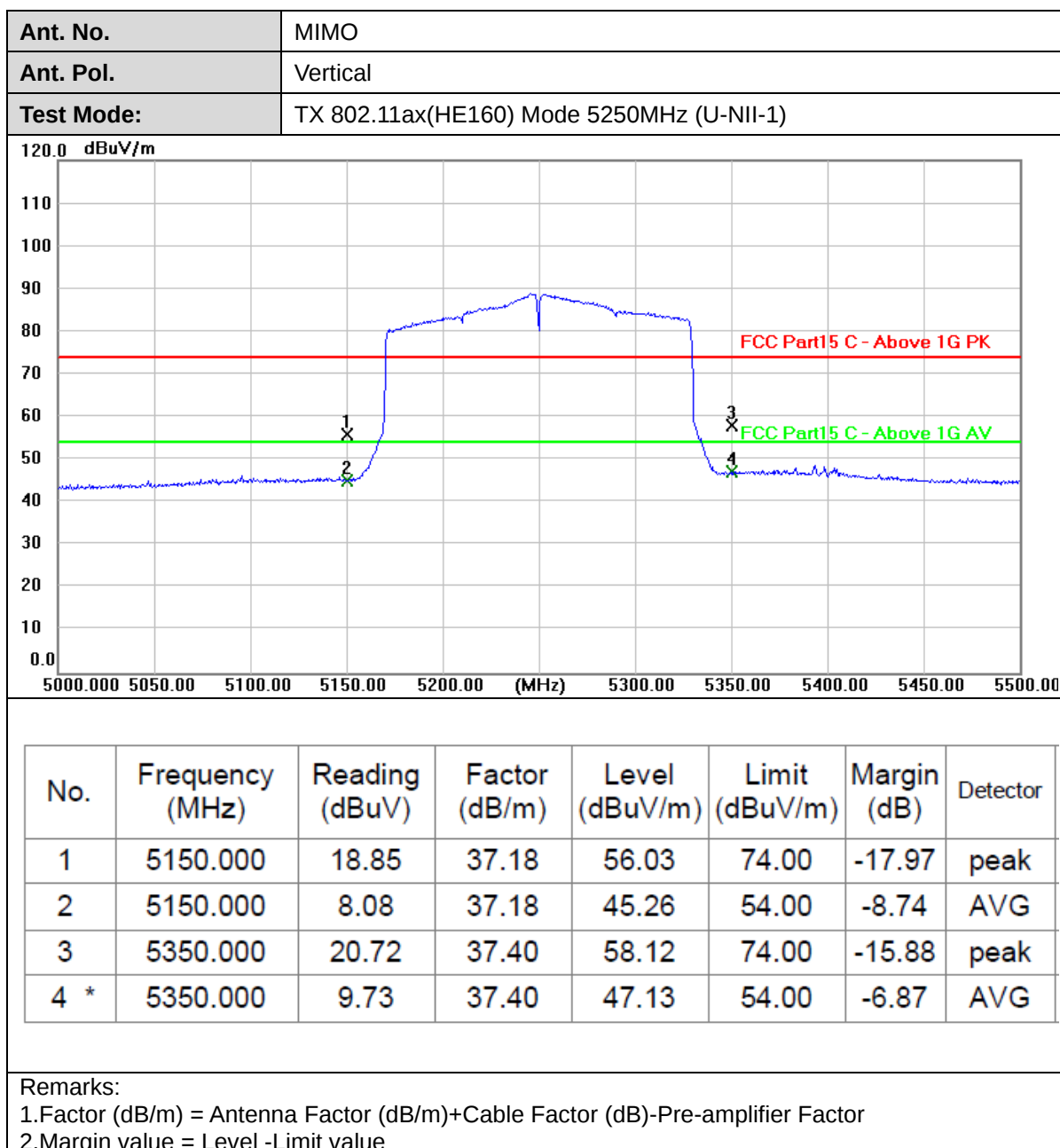


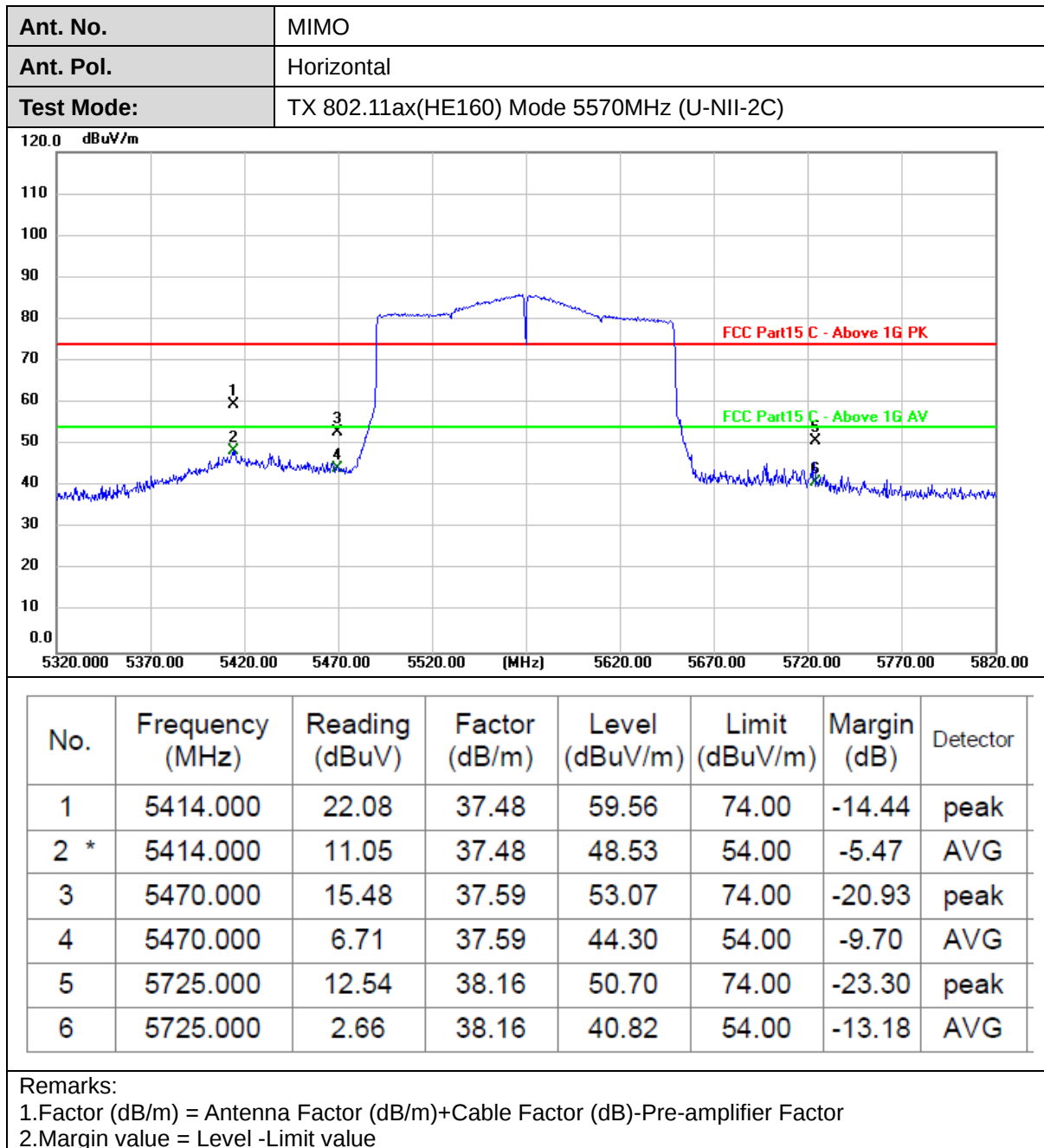


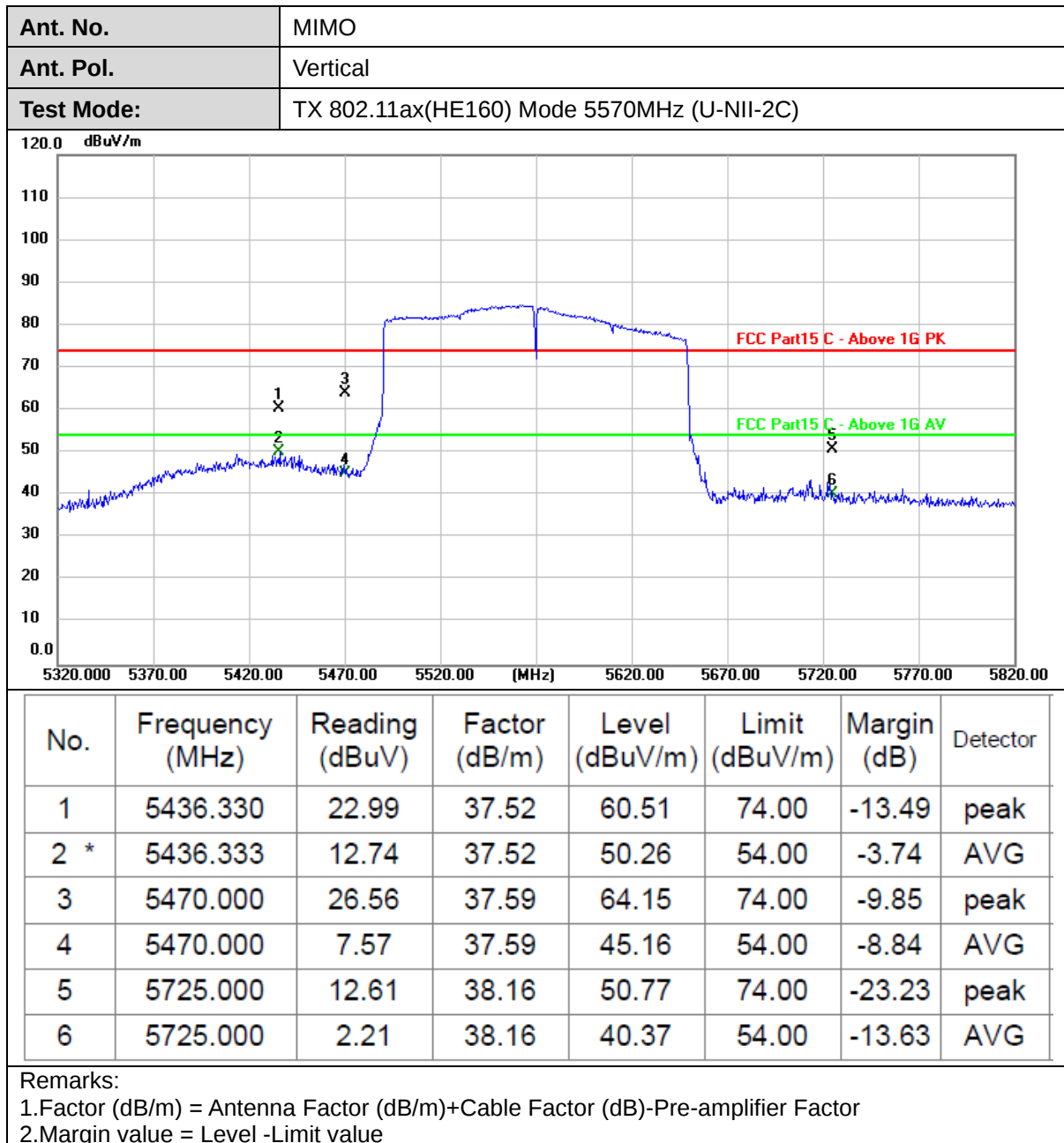


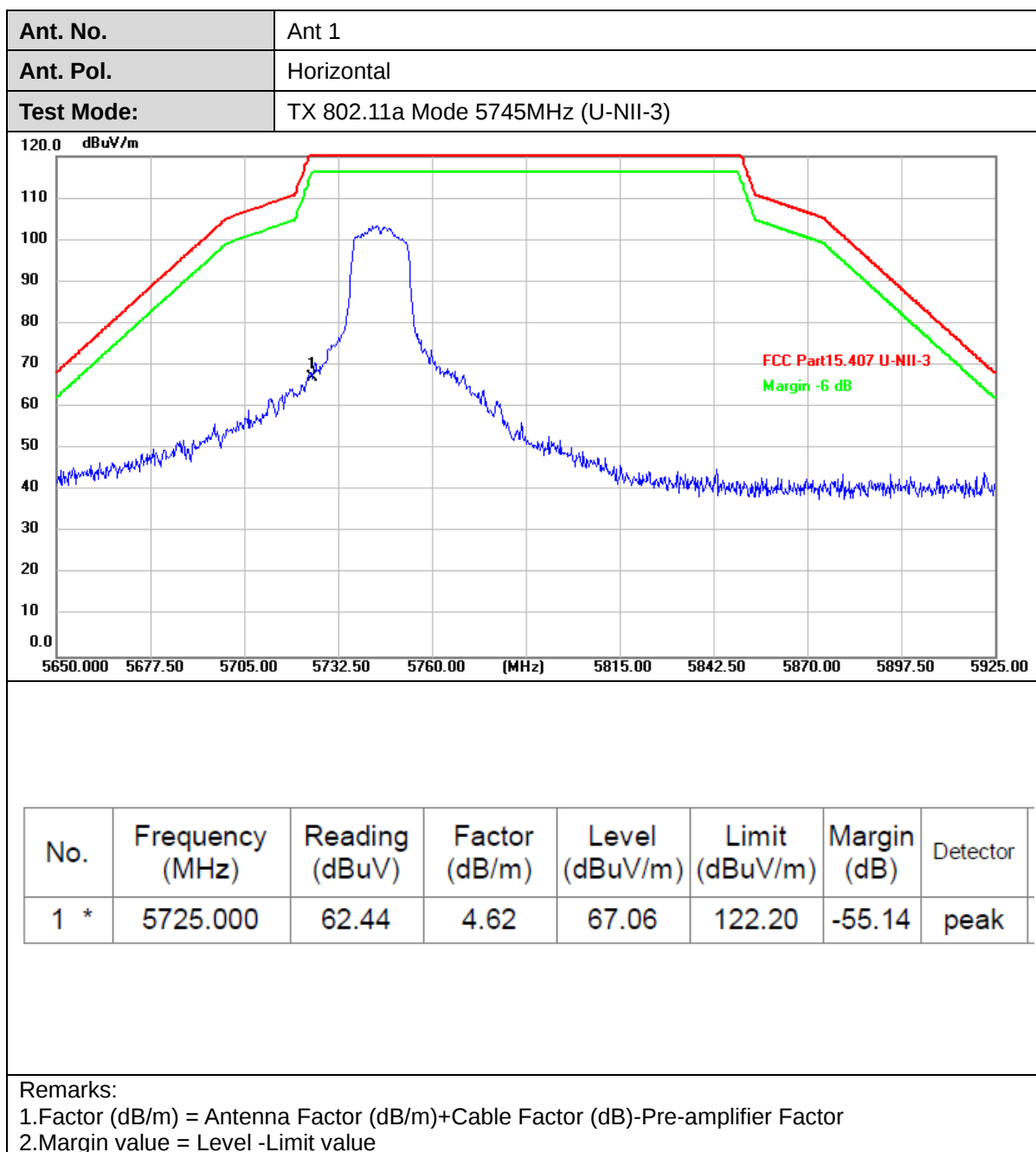


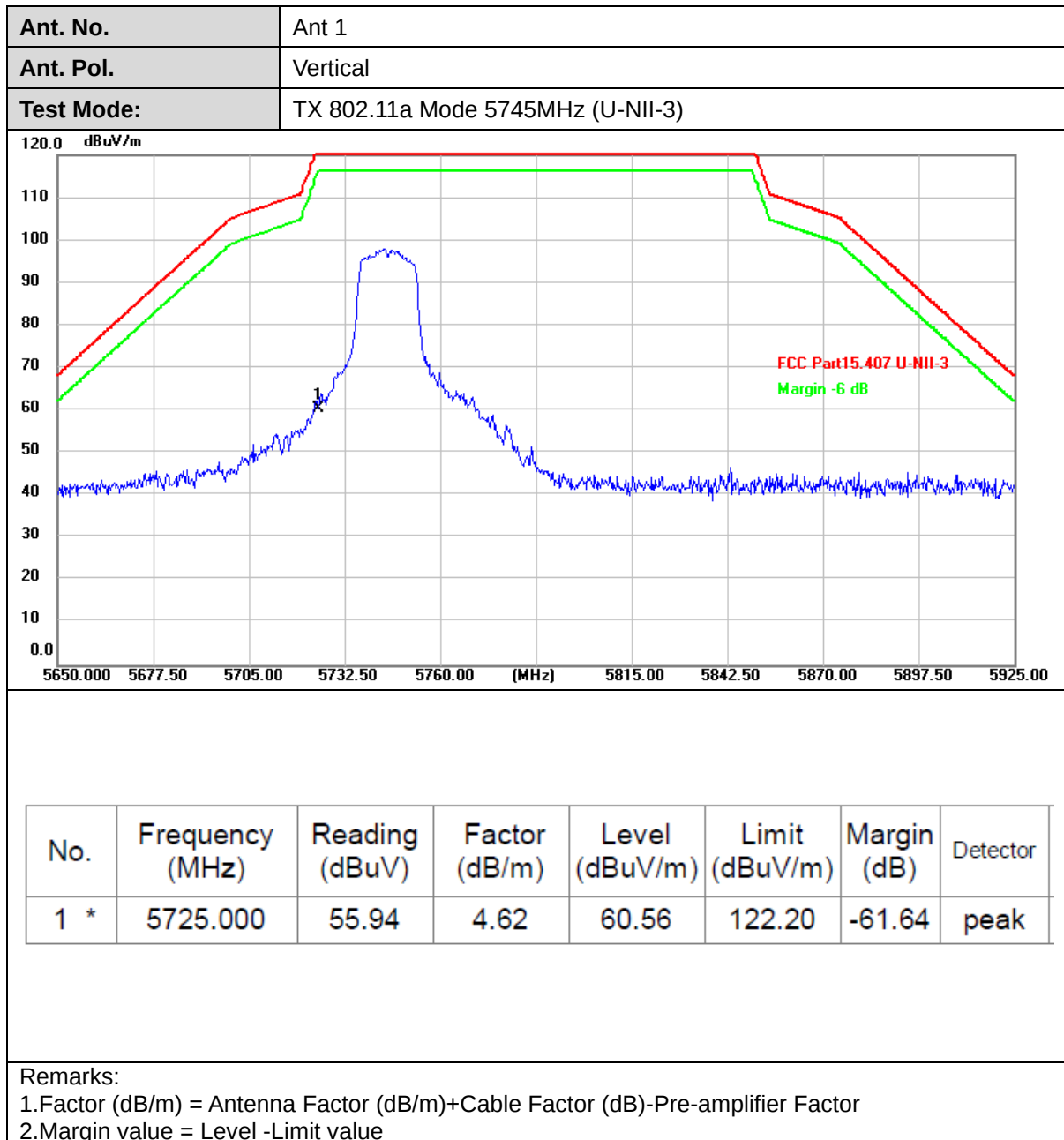


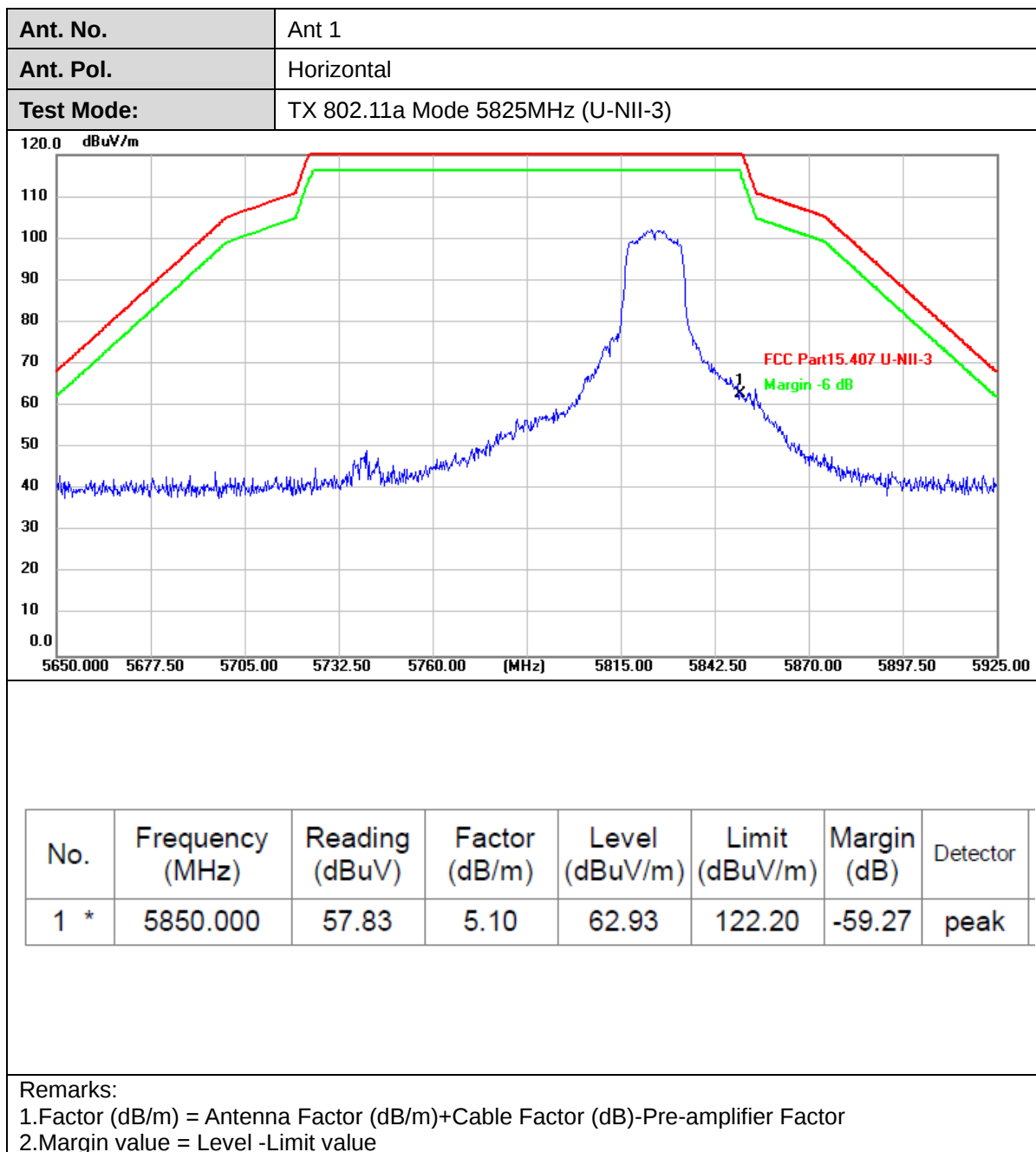


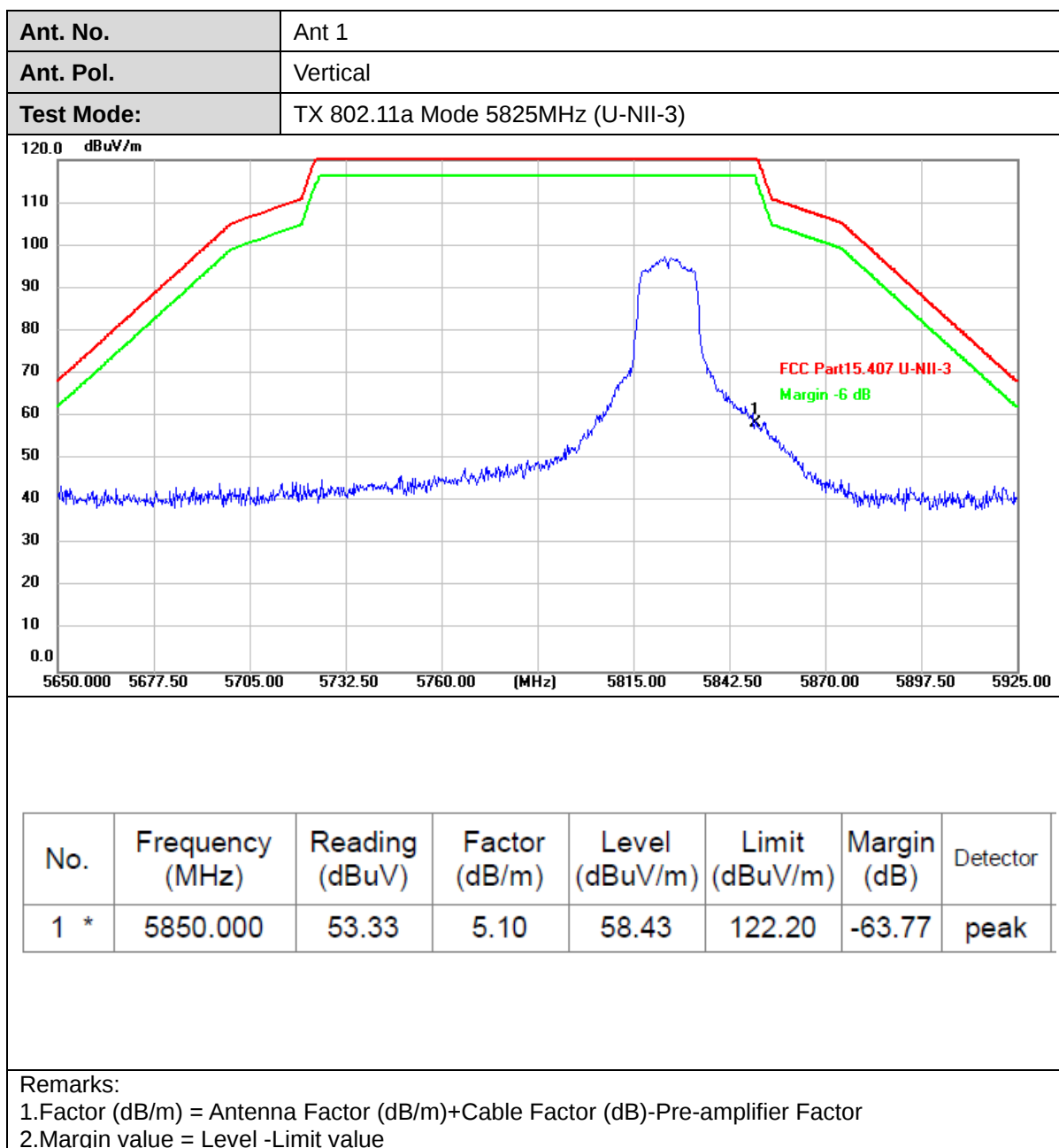


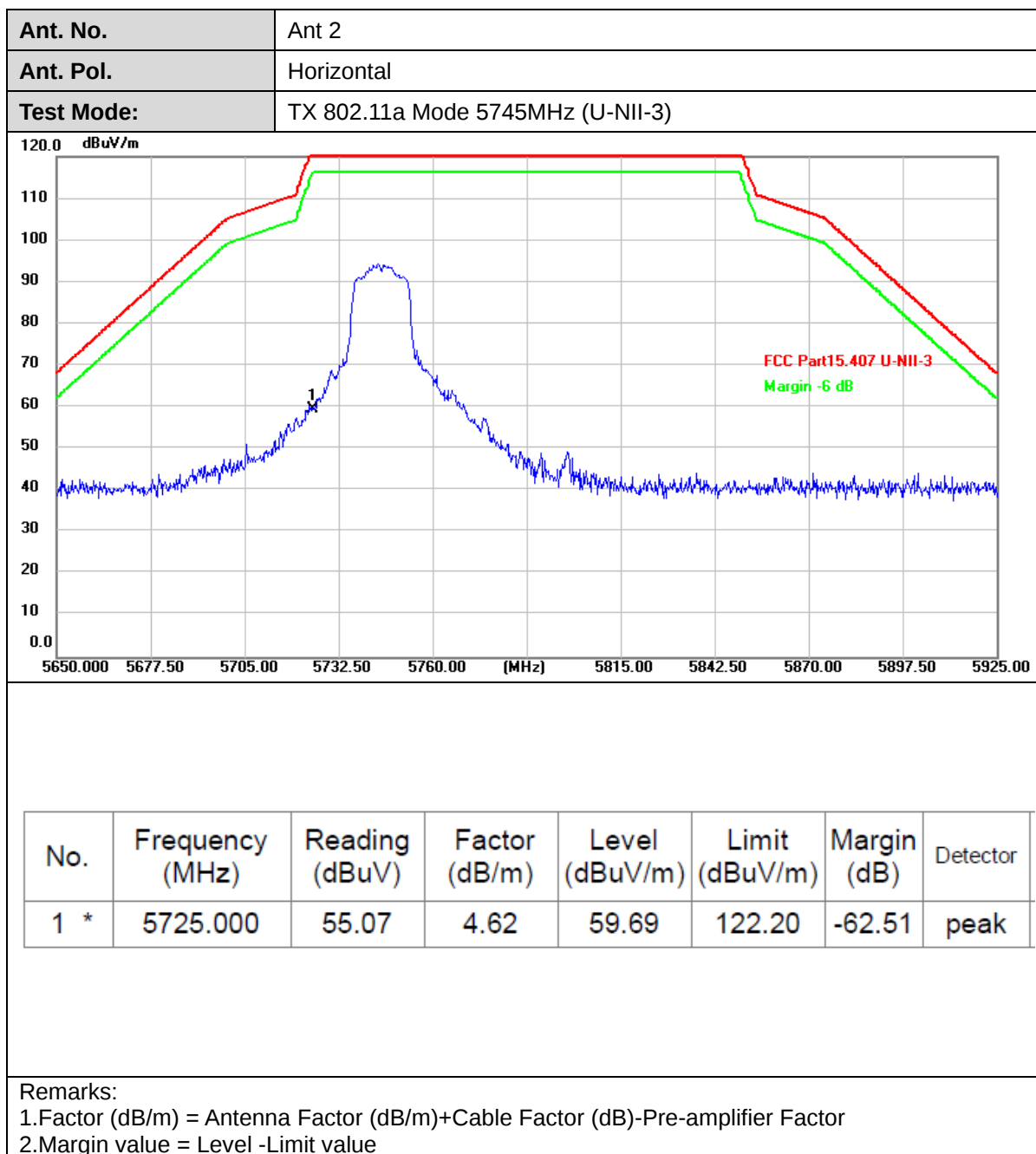


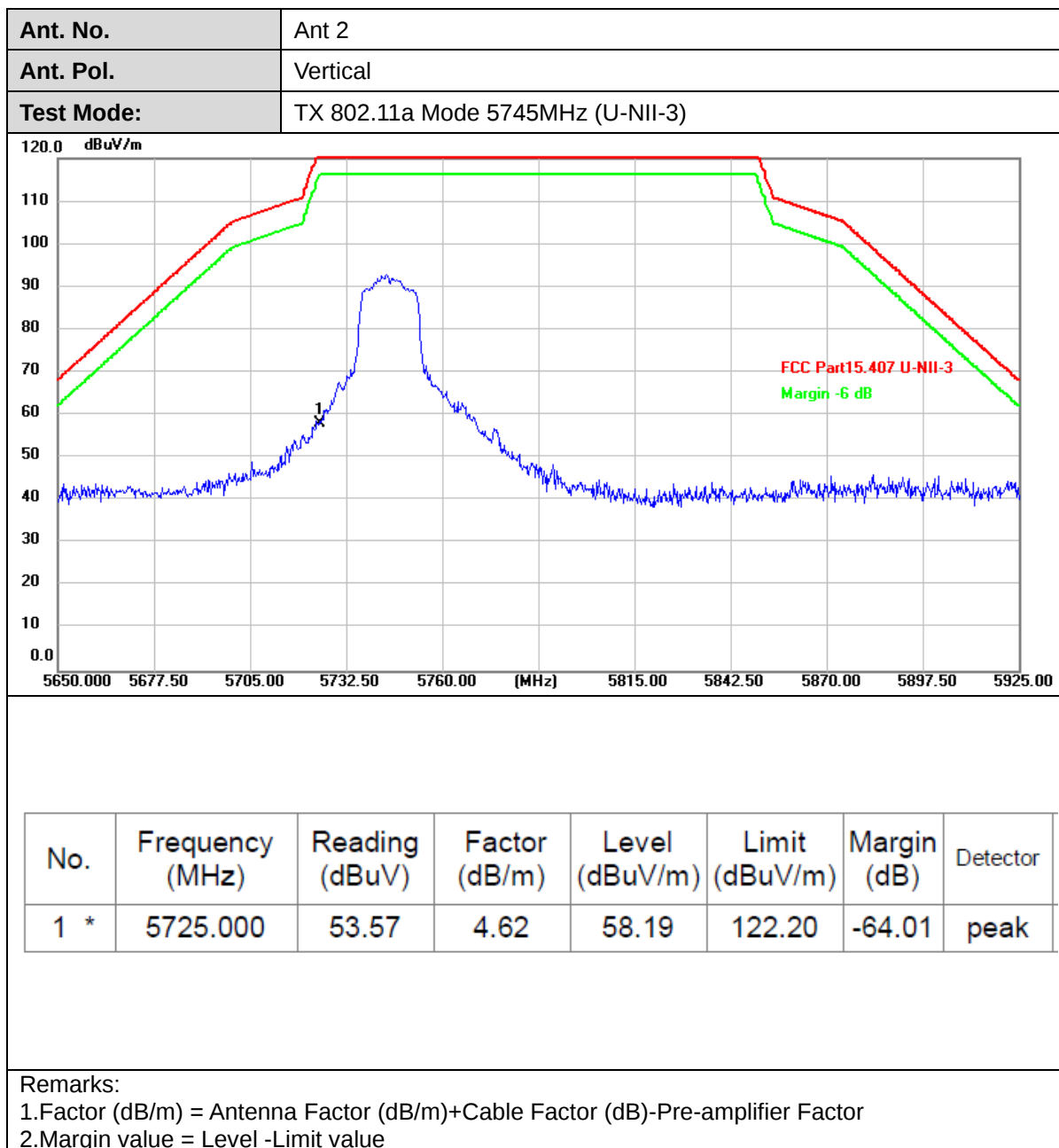


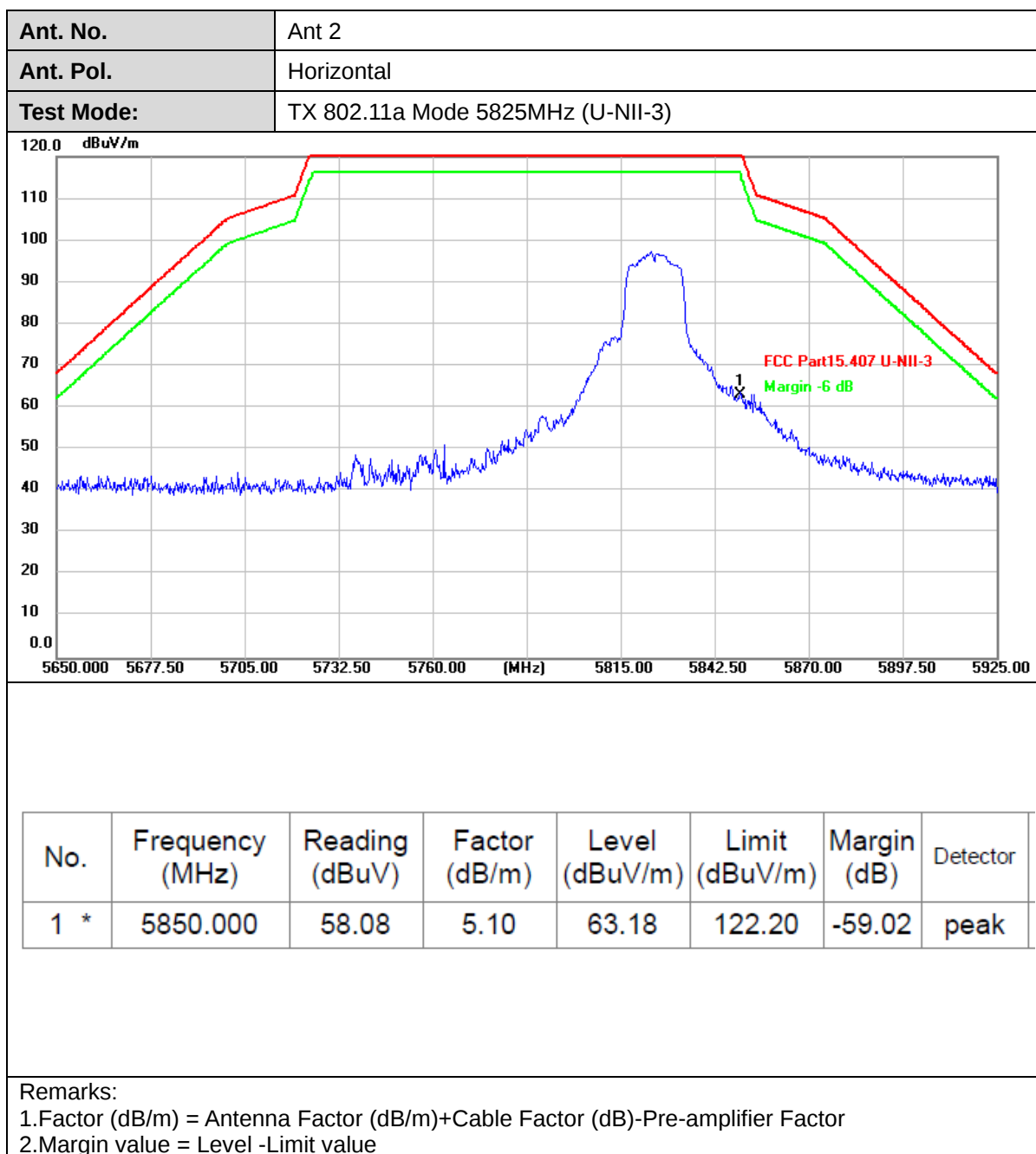


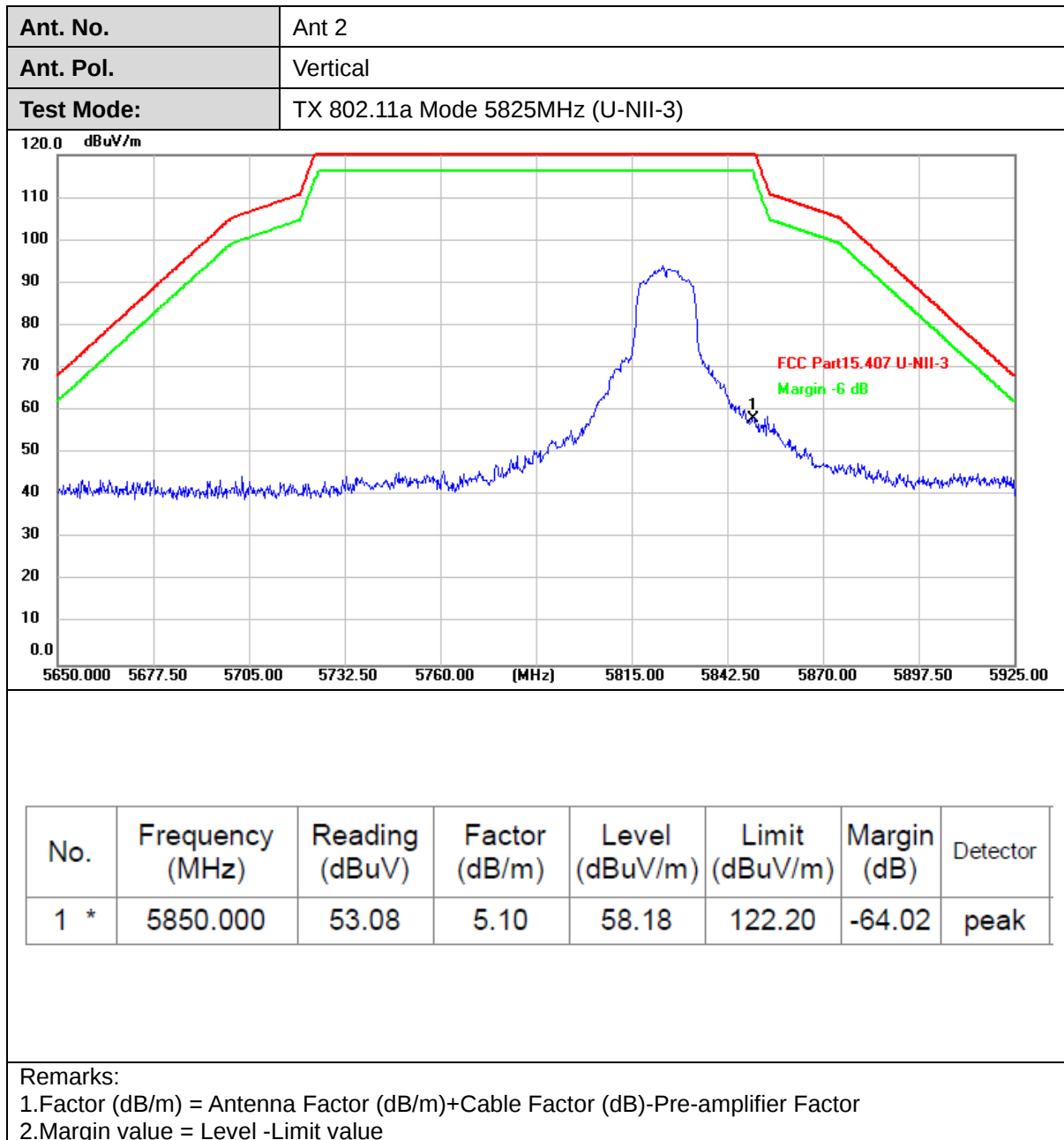


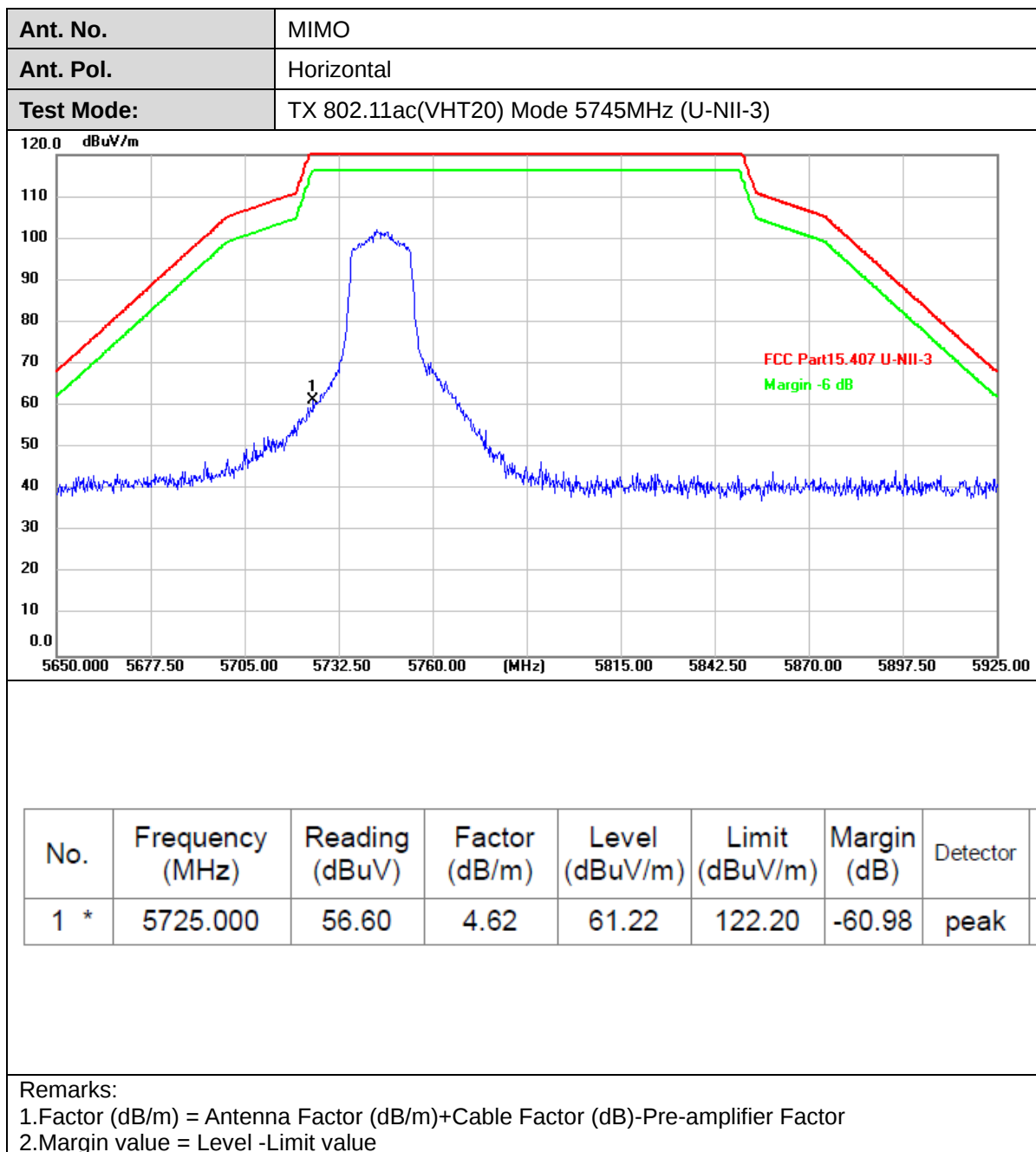


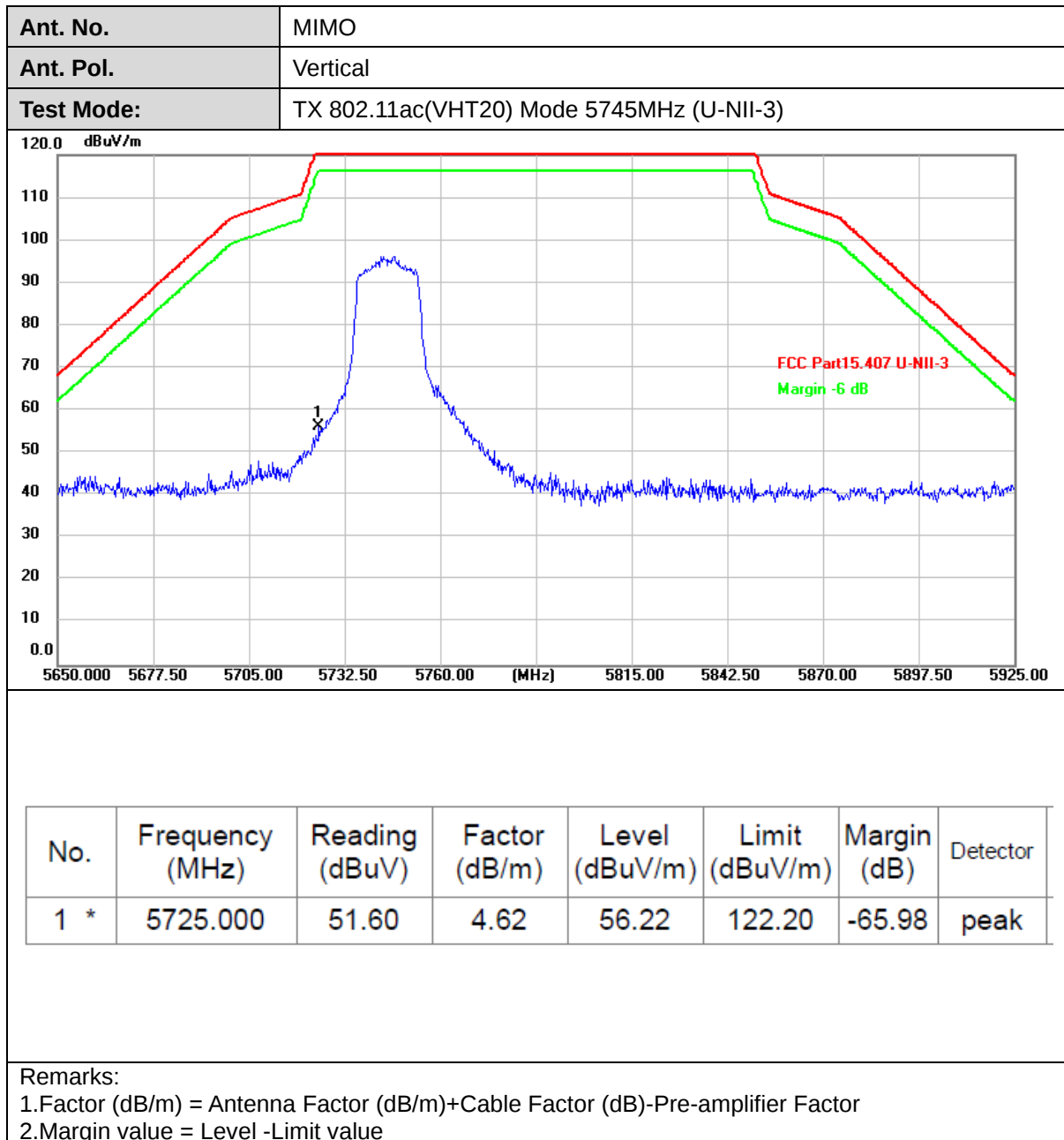


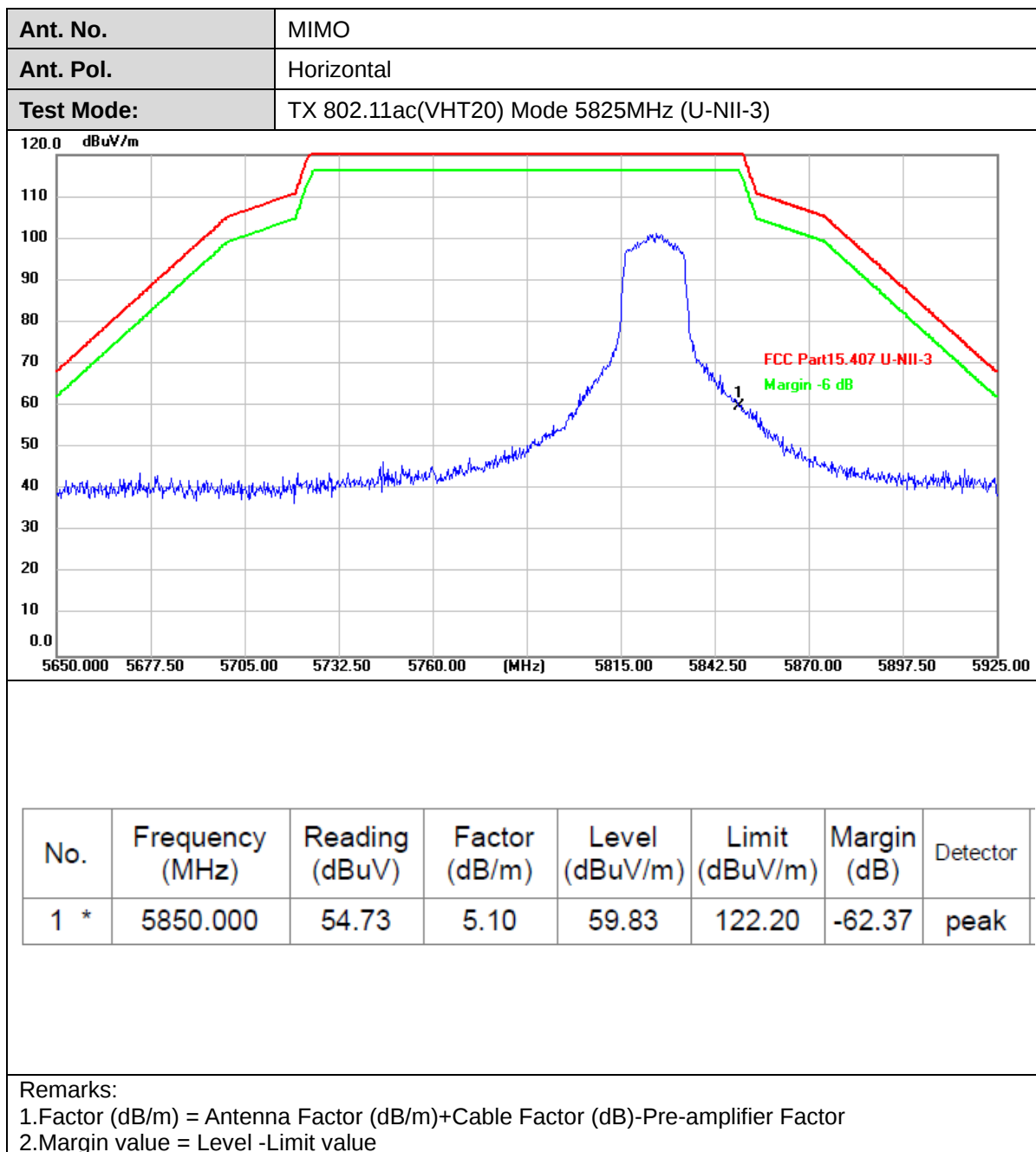


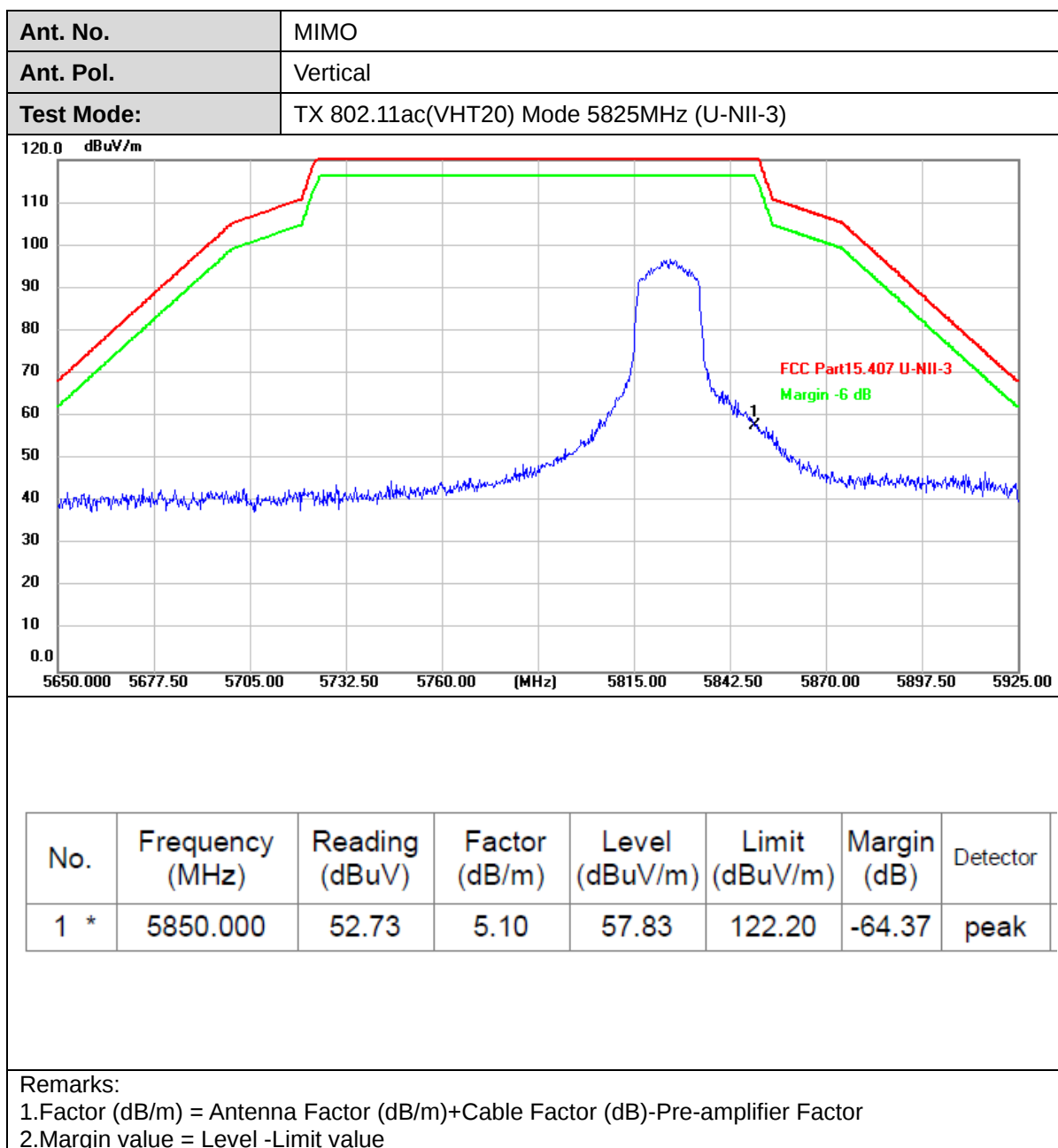


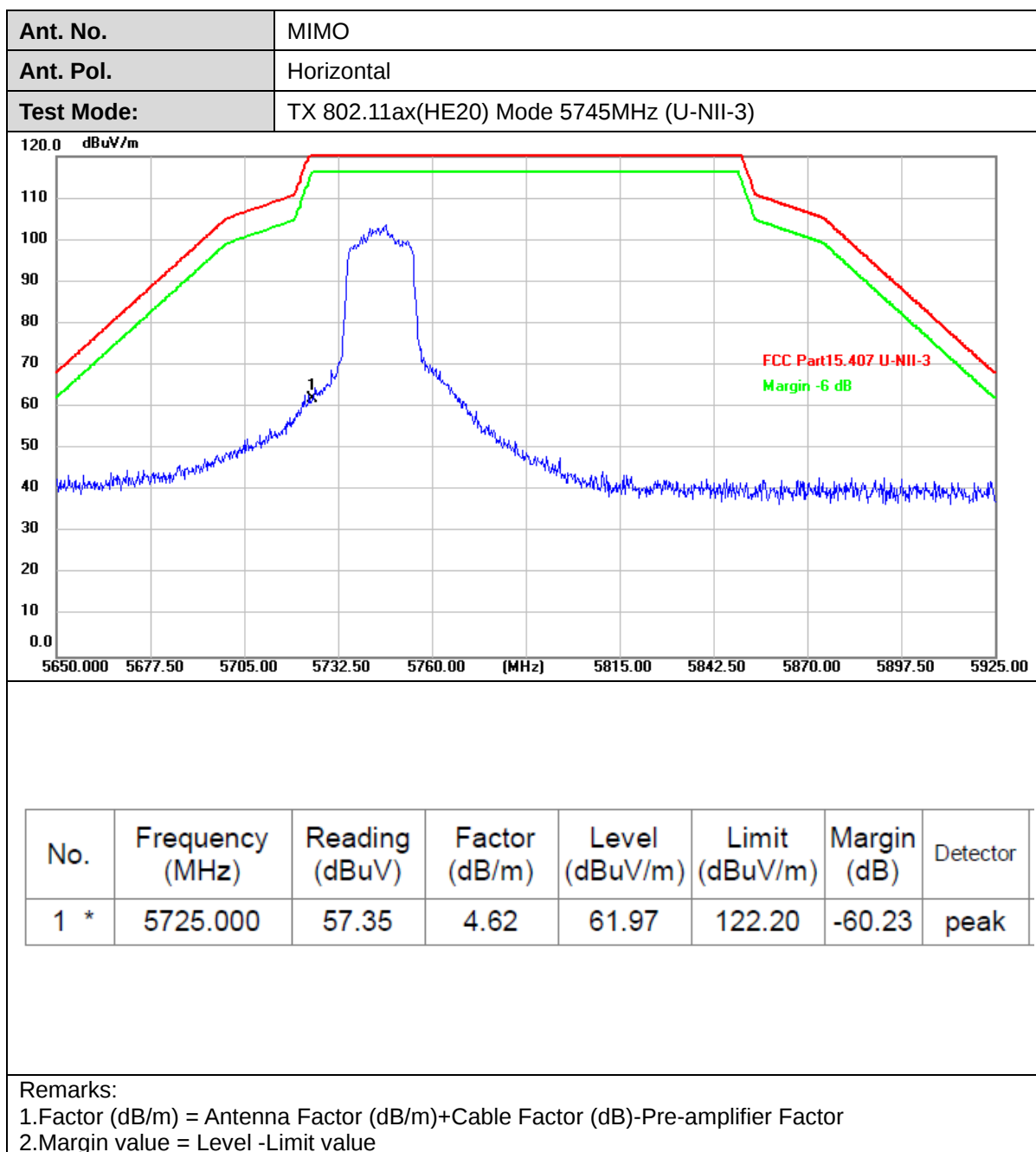


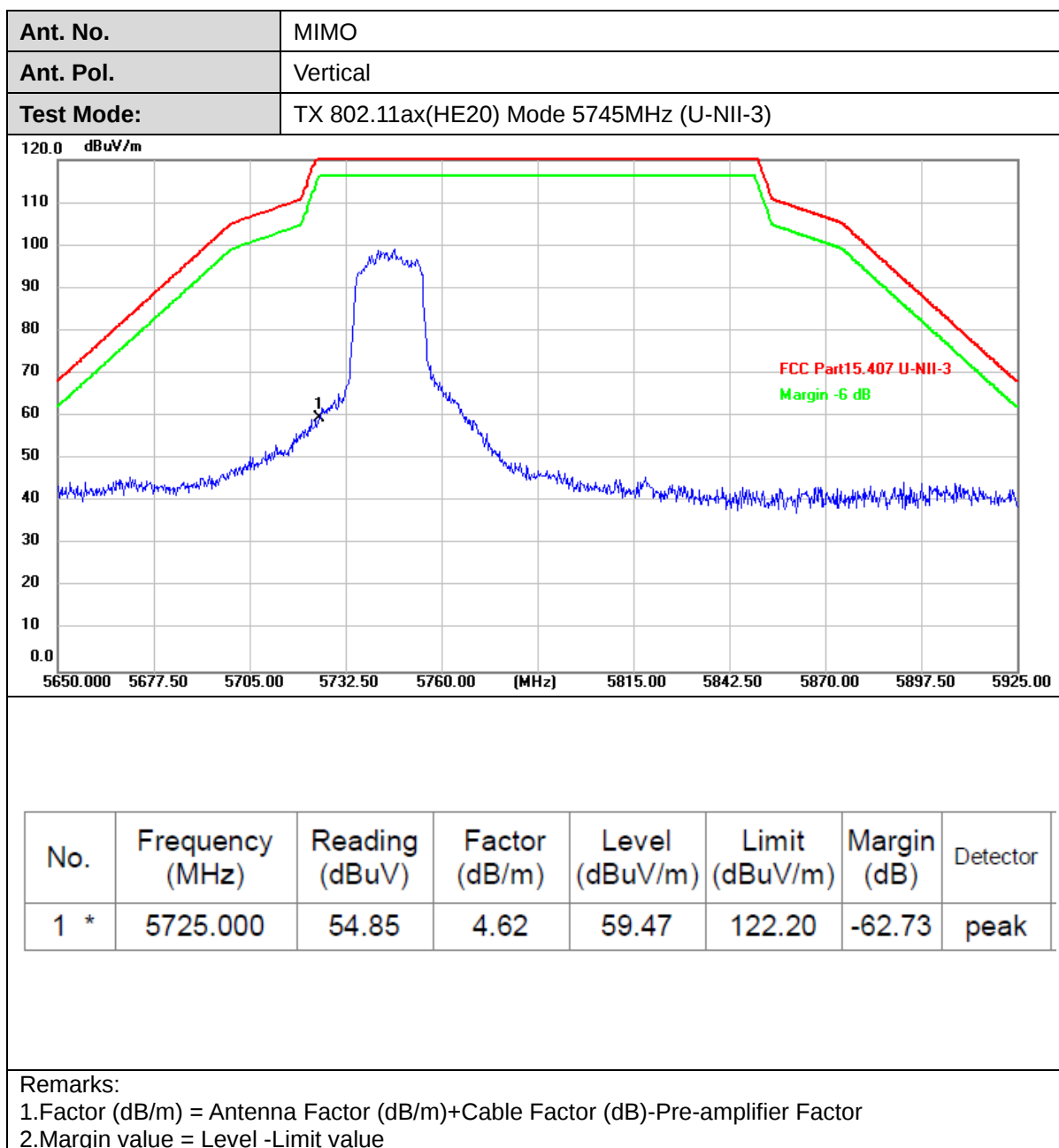


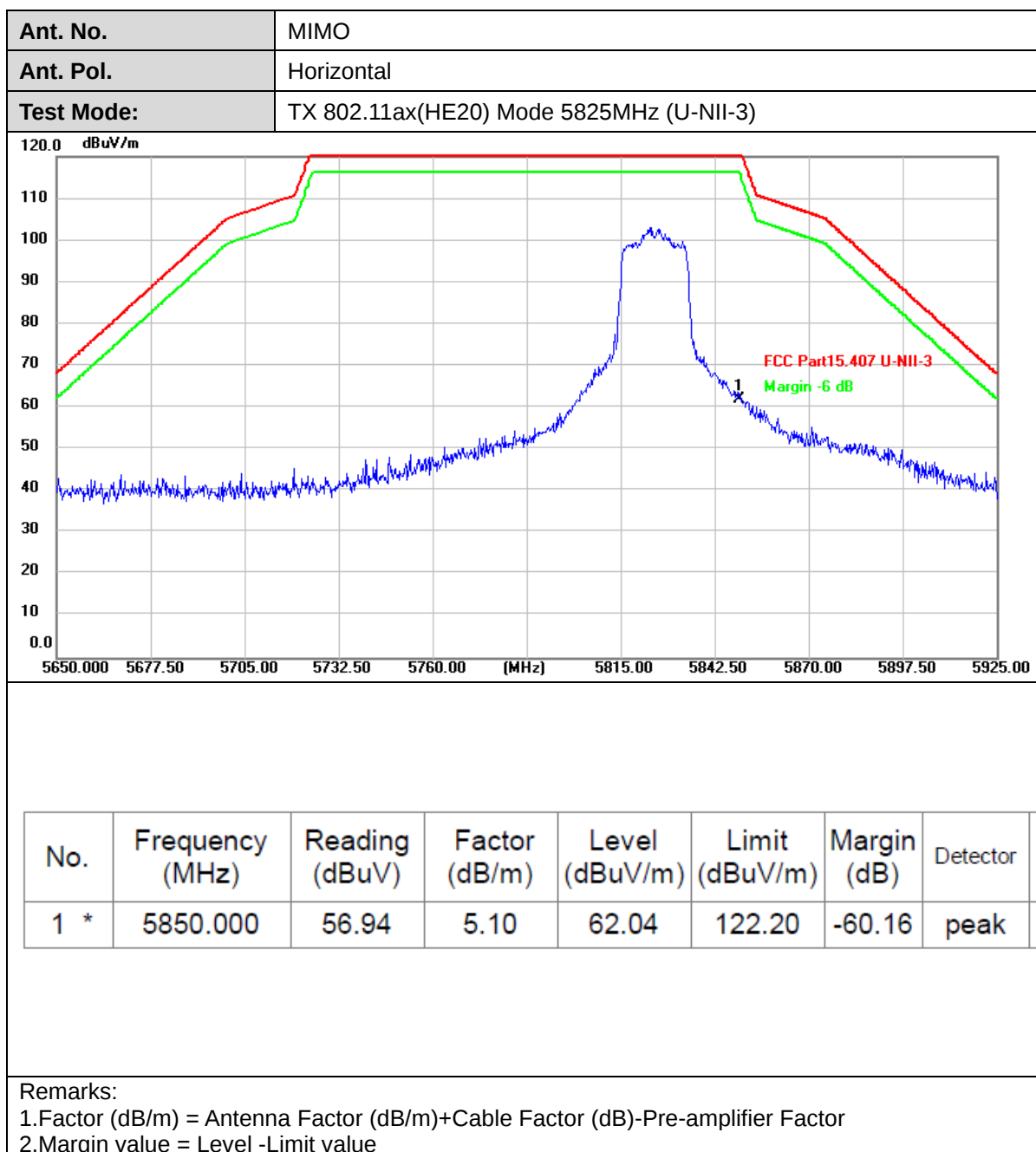


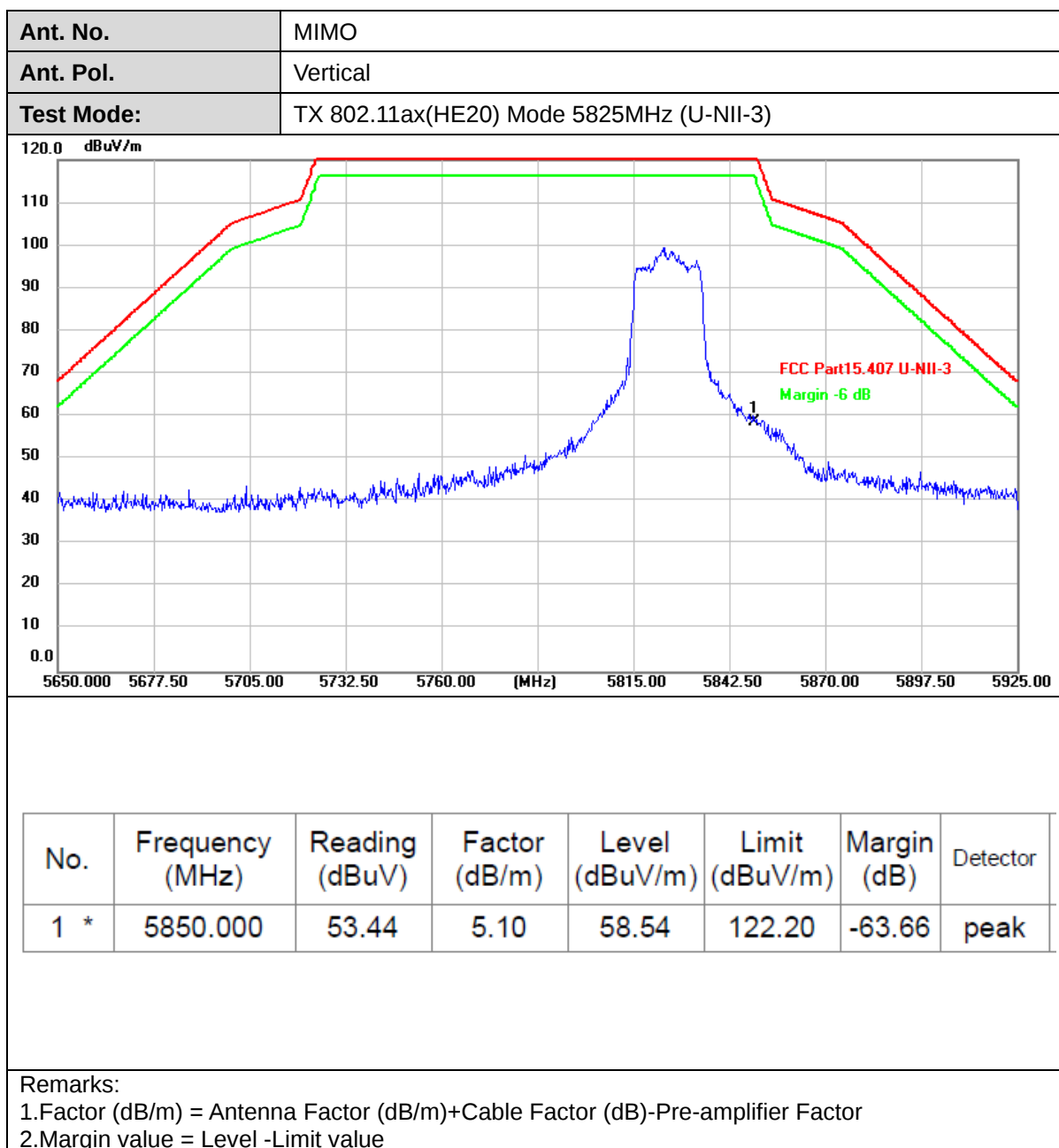


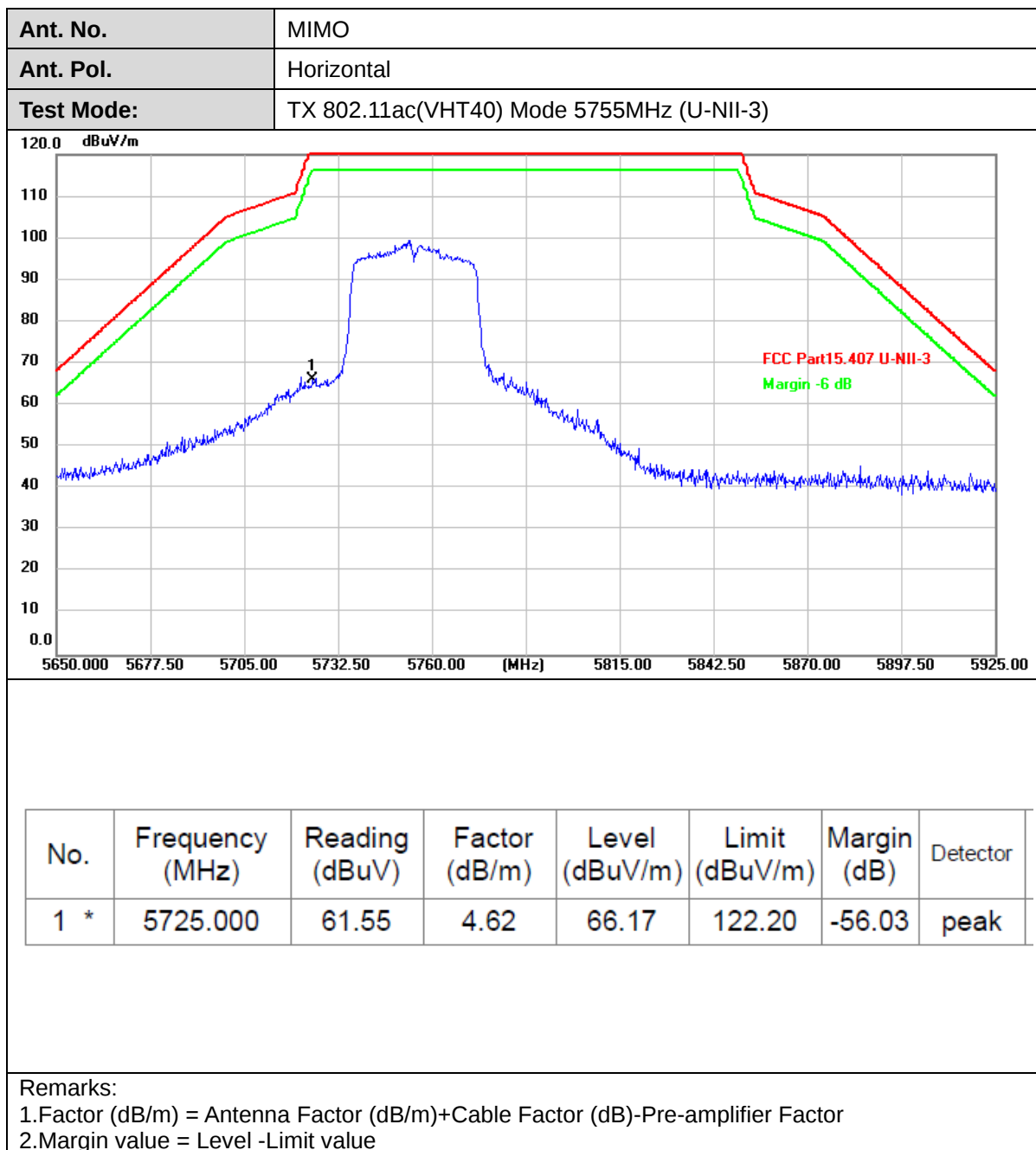


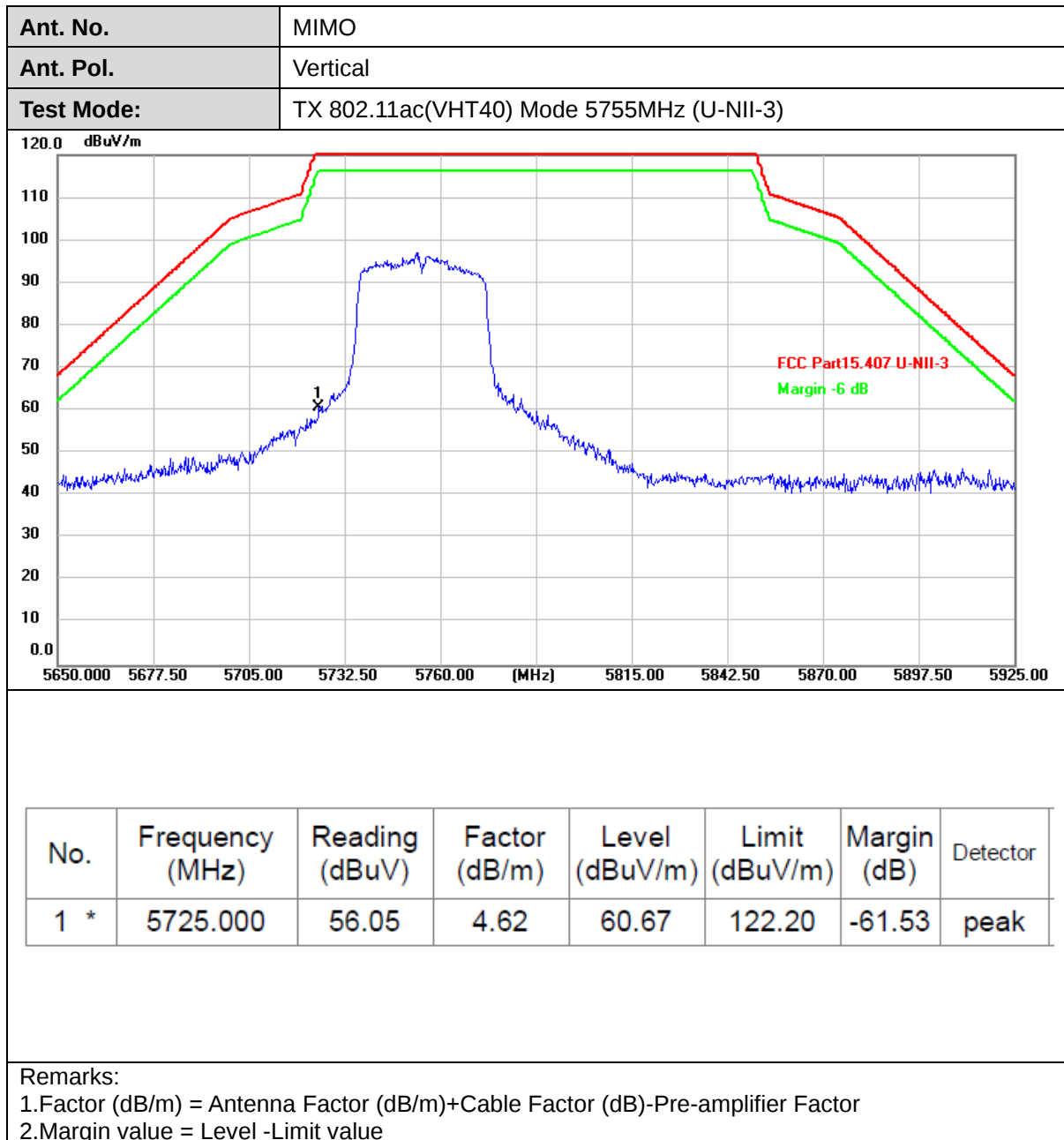


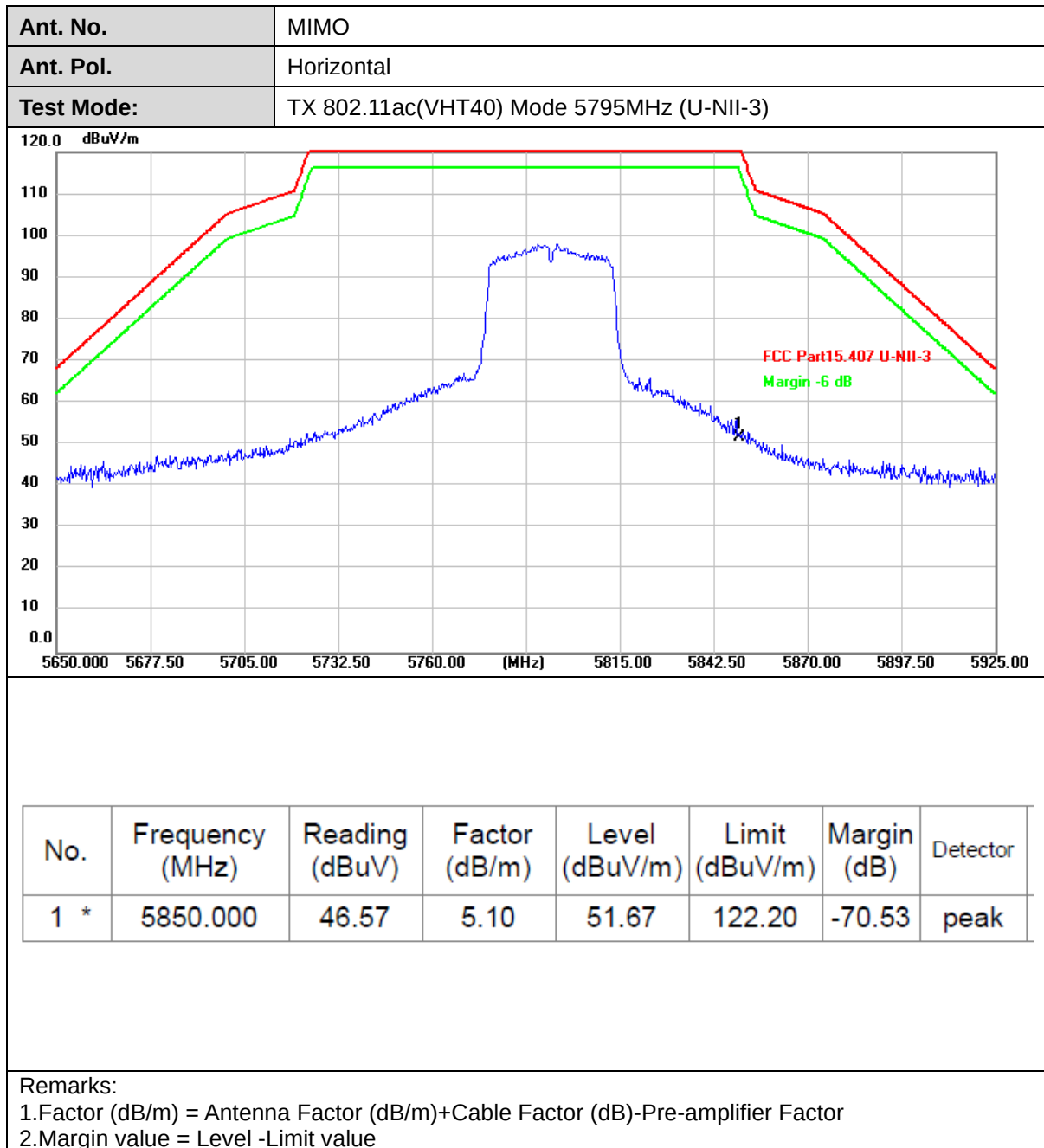


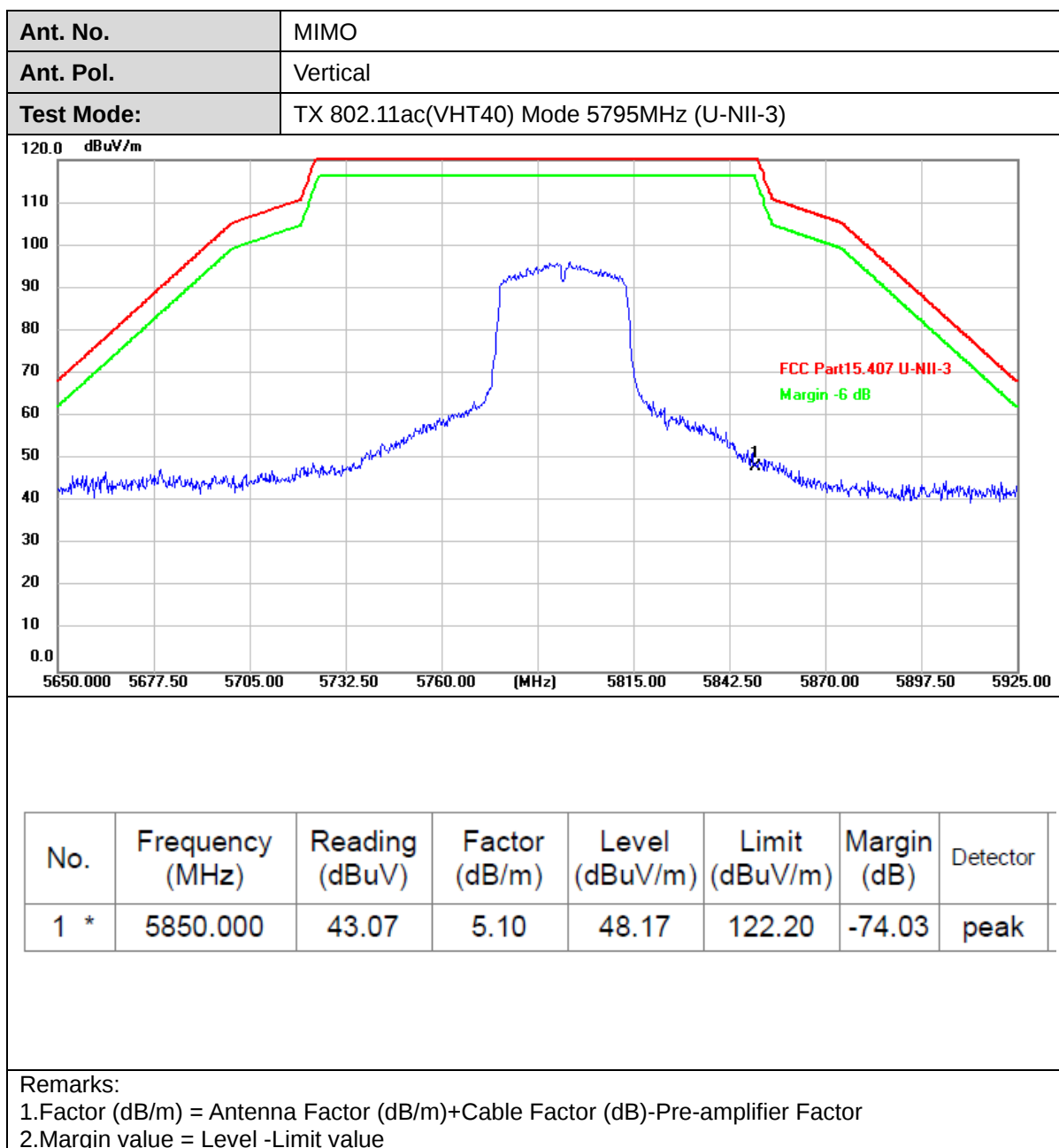


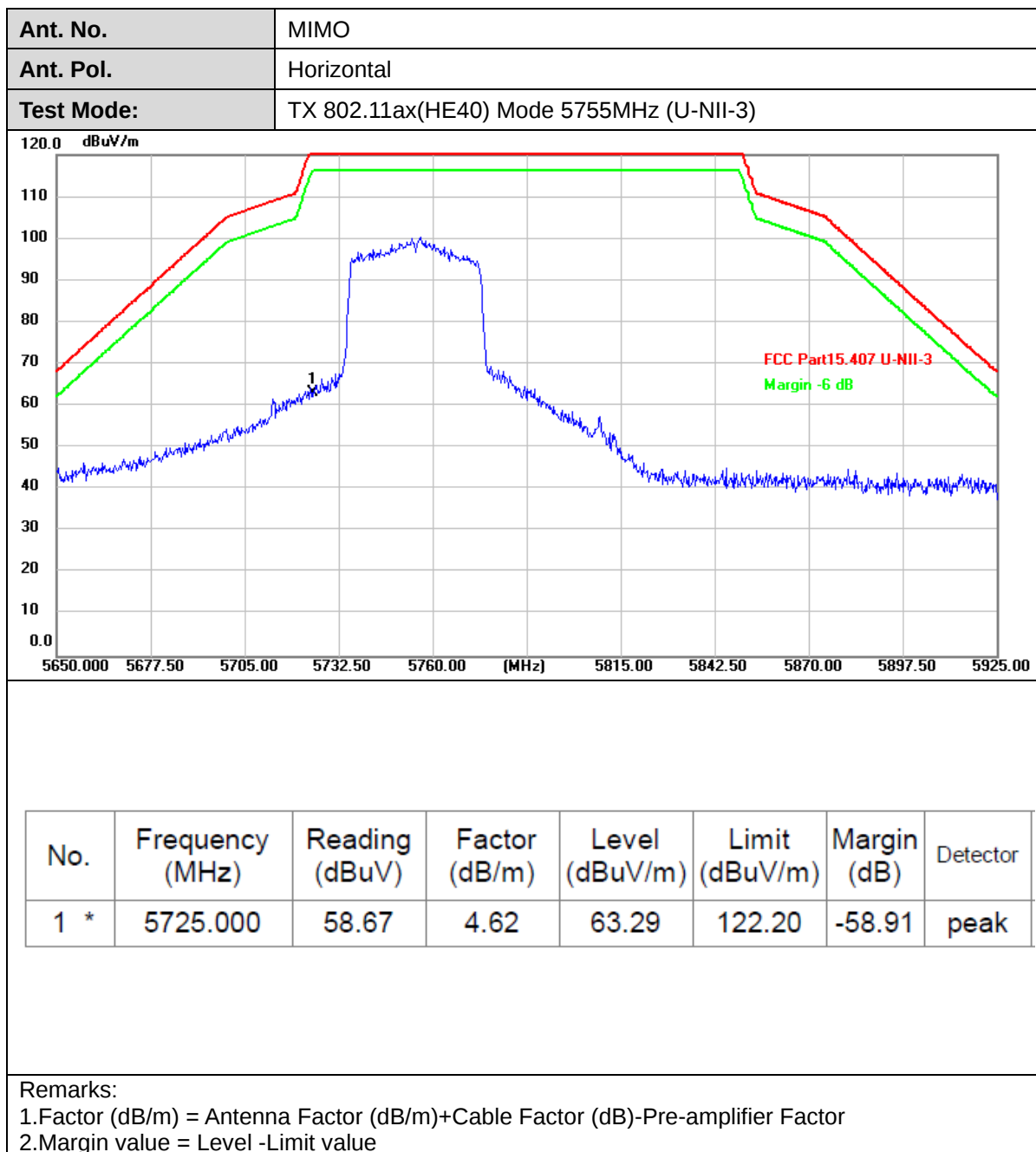


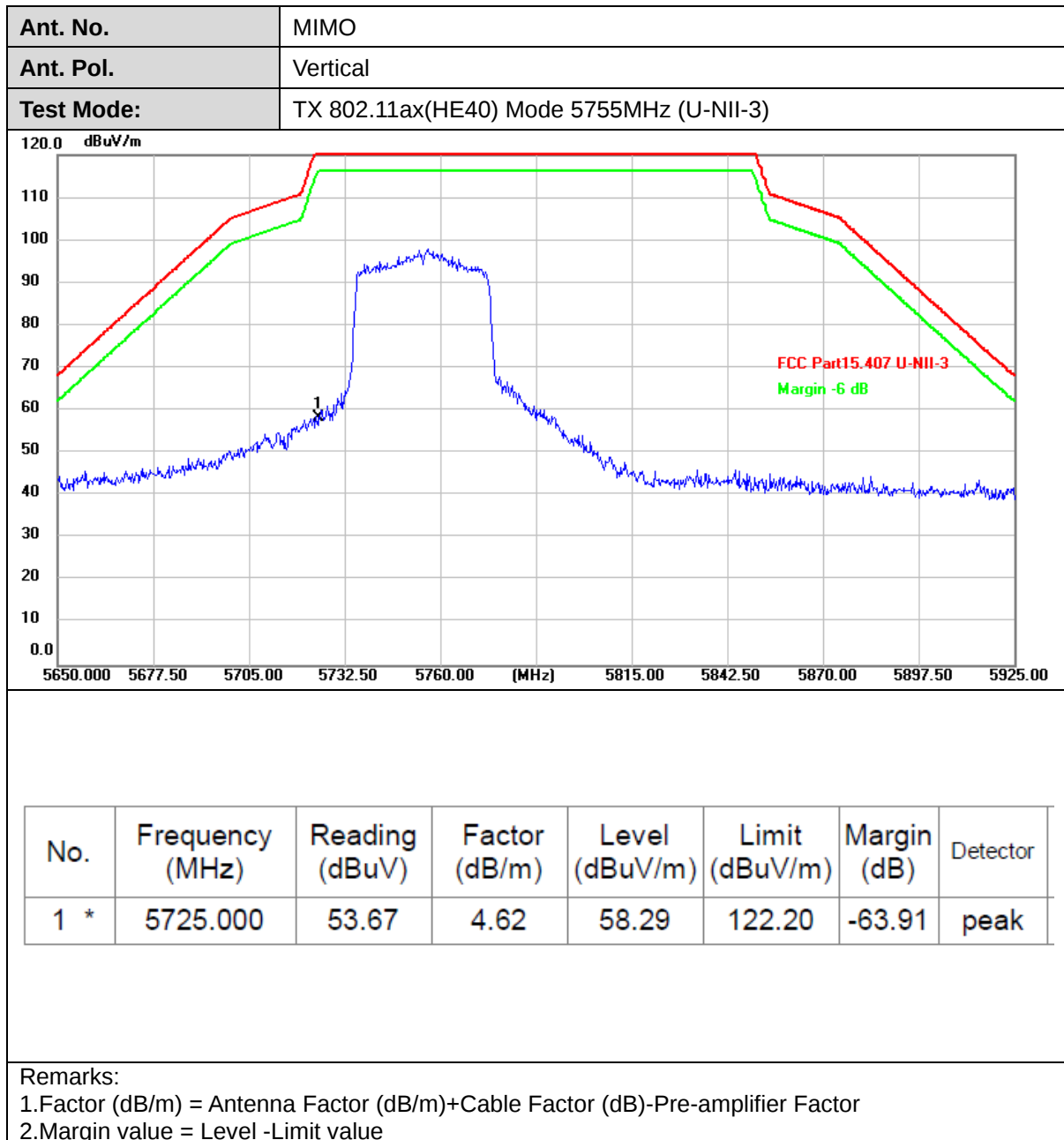


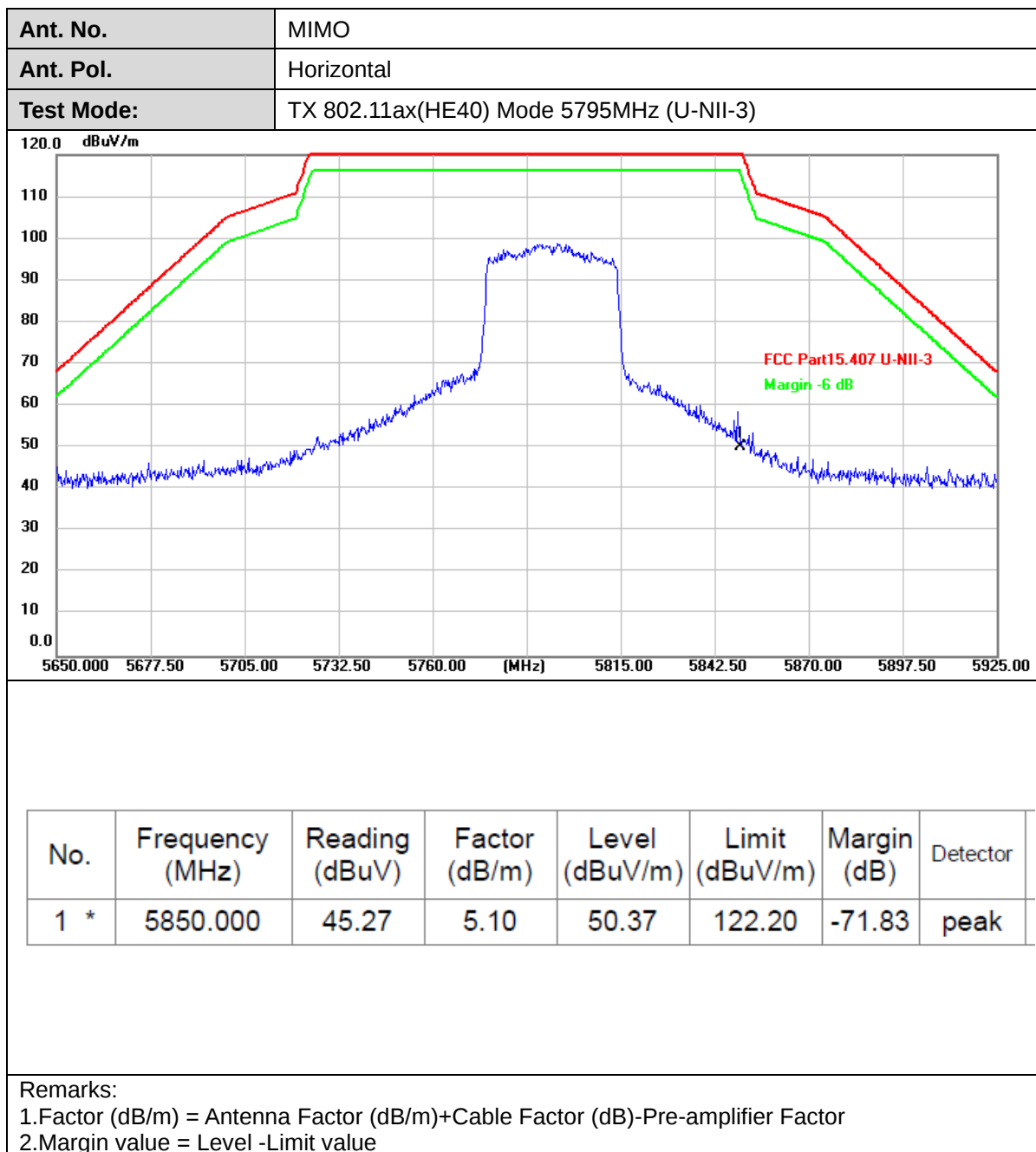


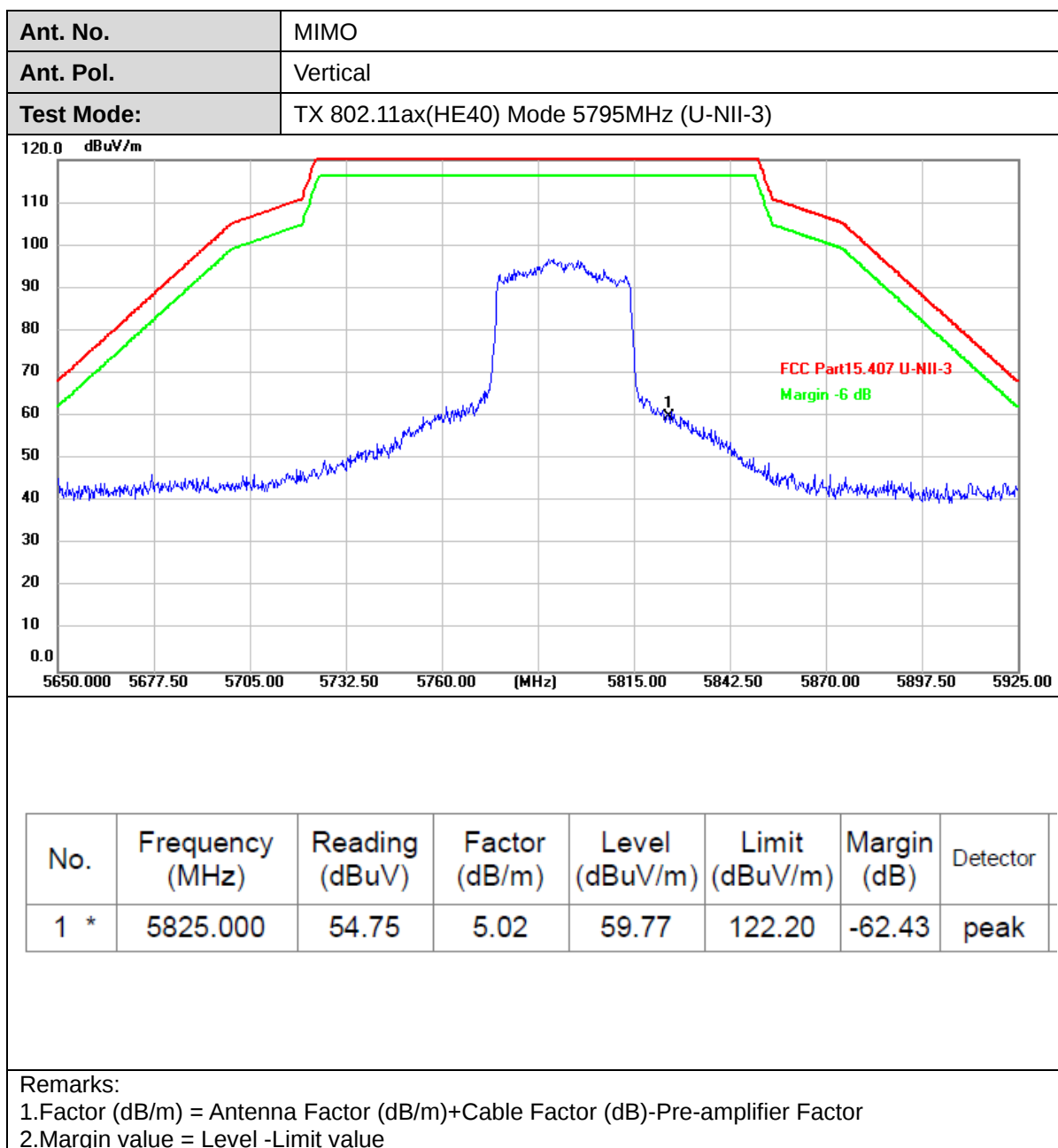


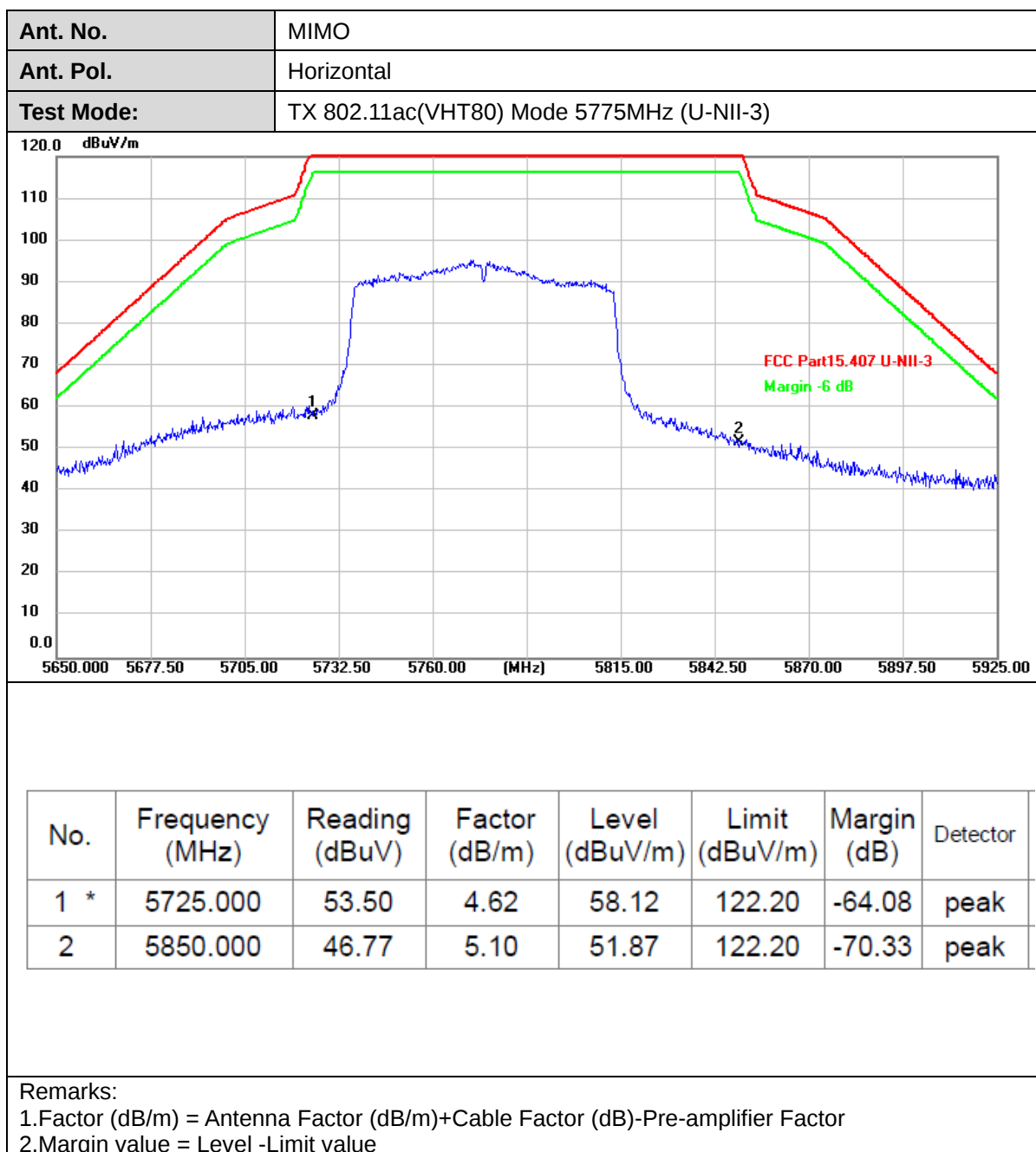


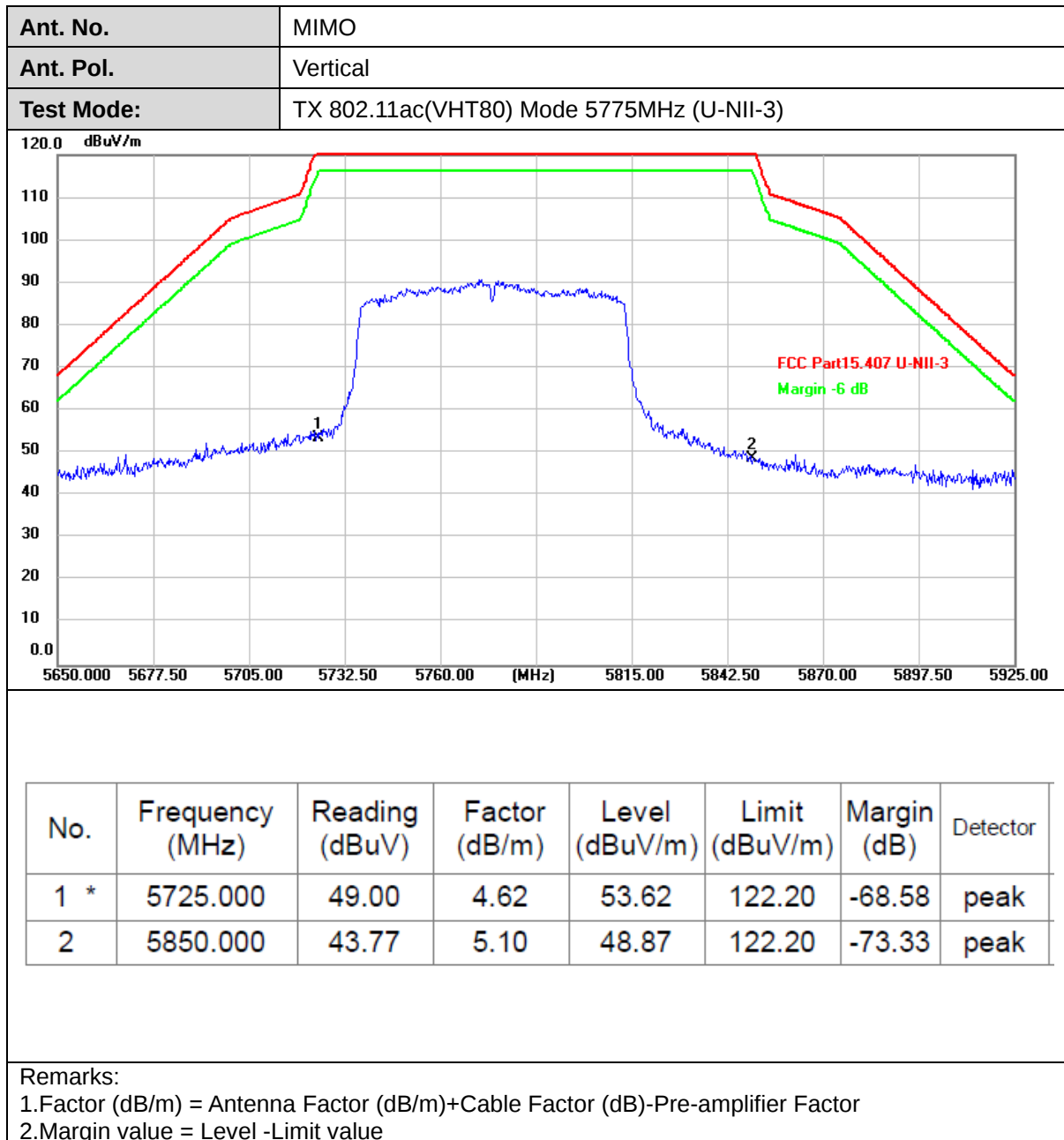


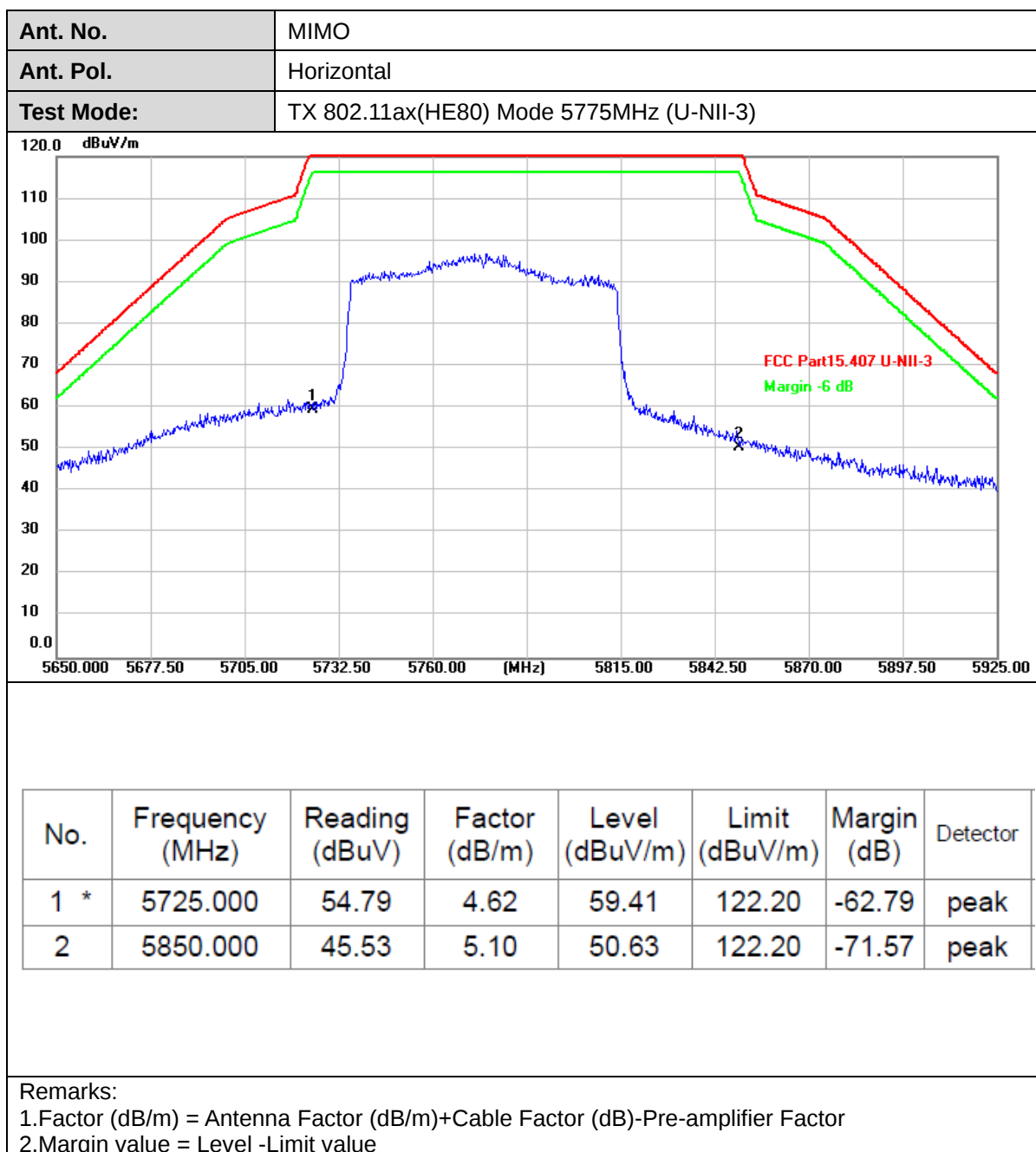


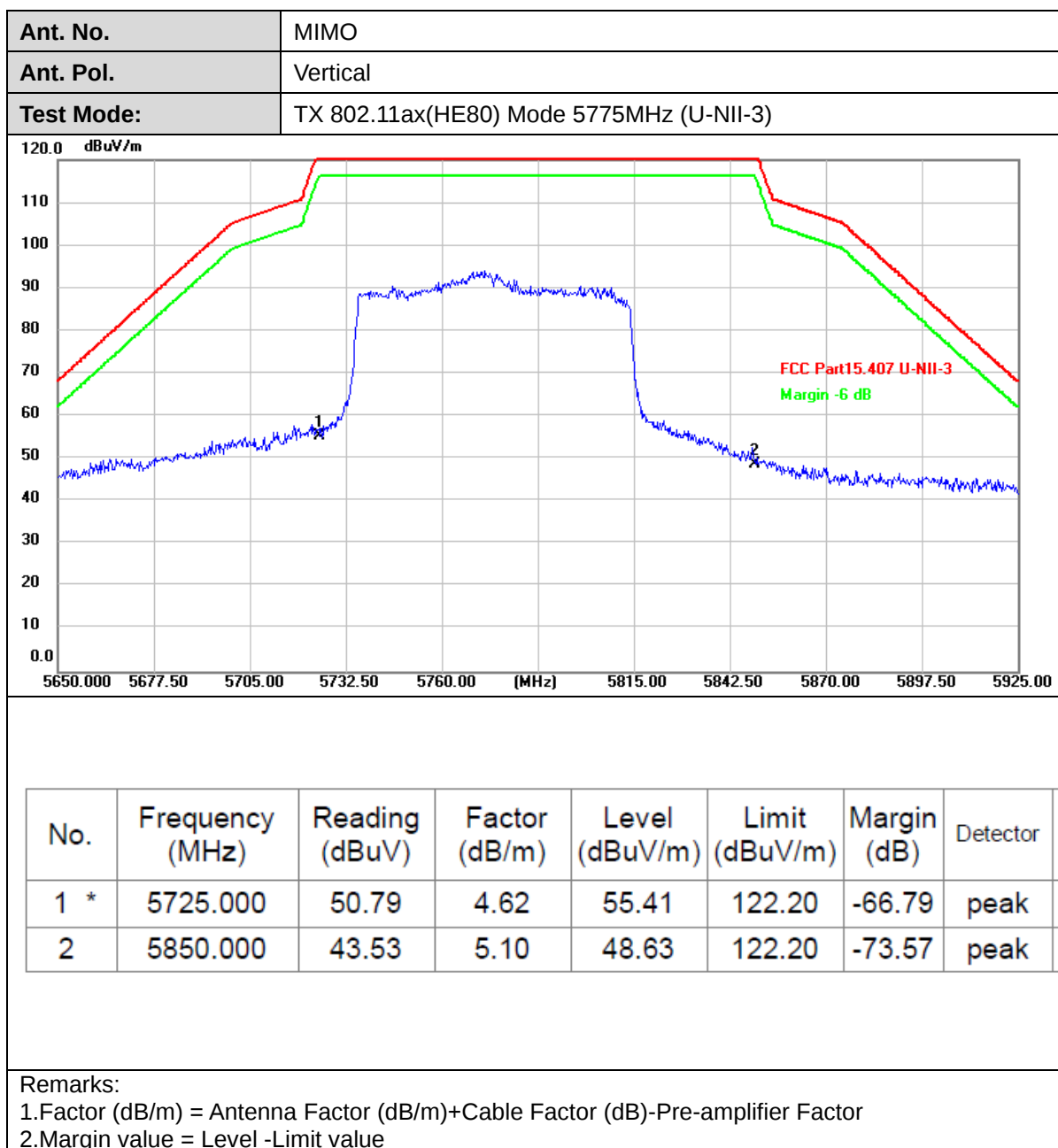














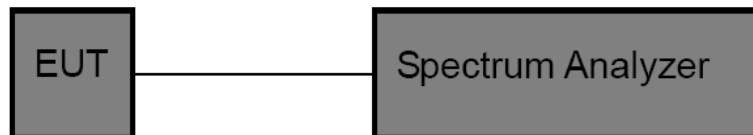
3.4. Bandwidth

Limit

FCC CFR Title 47 Part 15 Subpart E Section 15.407(a) & (e) / RSS-247 6.2.1.2 & 6.2.4.1

Test Item	Limit	Frequency Range (MHz)
26dB Bandwidth& 99% Bandwidth	N/A	5150~5250
		5250~5350
		5500~5700
6 dB Bandwidth	≥500 kHz	5725~5850

Test Configuration



Test Procedure

Please refer to KDB789033 D02 for the measurement methods.

The setting of the spectrum analyzer as below:

26dB Bandwidth Test	
Spectrum Parameters	Setting
Attenuation	Auto
Span	>26 dB Bandwidth
RBW	Approximately 1% of the emission bandwidth
VBW	>RBW
Detector	Peak
Trace	Max Hold
Sweep Time	Auto



6dB Bandwidth Test	
Spectrum Parameters	Setting
Attenuation	Auto
Span	>6 dB Bandwidth
RBW	100 kHz
VBW	$\geq 3 \times \text{RBW}$
Detector	Peak
Trace	Max Hold
Sweep Time	Auto
99% Occupied Bandwidth Test	
Spectrum Parameters	Setting
Attenuation	Auto
RBW	1% to 5% of the OBW
VBW	$\geq 3 \times \text{RBW}$
Detector	Peak
Trace	Max Hold

NOTE: The EUT was set to continuously transmitting in each mode and low, middle and high channel for the test.

Test Mode

Please refer to the clause 2.4.

**Test Result****99% Bandwidth**

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	16.503	5171.7283	5188.2318	---	---
	Ant2	5180	16.503	5171.8082	5188.3117	---	---
	Ant1	5200	16.464	5191.8082	5208.2717	---	---
	Ant2	5200	16.543	5191.7283	5208.2717	---	---
	Ant1	5240	16.464	5231.8082	5248.2717	---	---
	Ant2	5240	16.464	5231.7682	5248.2318	---	---
	Ant1	5260	16.503	5251.7682	5268.2717	---	---
	Ant2	5260	16.424	5251.8082	5268.2318	---	---
	Ant1	5280	16.503	5271.7682	5288.2717	---	---
	Ant2	5280	16.384	5271.8082	5288.1918	---	---
	Ant1	5320	16.543	5311.7283	5328.2717	---	---
	Ant2	5320	16.503	5311.7682	5328.2717	---	---
	Ant1	5500	16.503	5491.8082	5508.3117	---	---
	Ant2	5500	16.503	5491.7682	5508.2717	---	---
	Ant1	5580	16.503	5571.7682	5588.2717	---	---
	Ant2	5580	16.384	5571.8482	5588.2318	---	---
	Ant1	5700	16.623	5691.7283	5708.3516	---	---
	Ant2	5700	16.543	5691.7283	5708.2717	---	---
	Ant1	5720	16.543	5711.7682	5728.3117	---	---
	Ant2	5720	16.543	5711.7283	5728.2717	---	---
	Ant1	5720 UNII-2C	13.232	5711.7682	5725	---	---
	Ant2	5720 UNII-2C	13.272	5711.7283	5725	---	---
	Ant1	5720 UNII-3	3.312	5725	5728.3117	---	---
	Ant2	5720 UNII-3	3.272	5725	5728.2717	---	---
	Ant1	5745	16.503	5736.7682	5753.2717	---	---
	Ant2	5745	16.503	5736.7682	5753.2717	---	---
	Ant1	5785	16.384	5776.8082	5793.1918	---	---
	Ant2	5785	16.464	5776.7682	5793.2318	---	---
	Ant1	5825	16.464	5816.8082	5833.2717	---	---
	Ant2	5825	16.503	5816.7682	5833.2717	---	---
11AC20MIMO	Ant1	5180	17.662	5171.1688	5188.8312	---	---
	Ant2	5180	17.542	5171.2887	5188.8312	---	---
	Ant1	5200	17.662	5191.1688	5208.8312	---	---
	Ant2	5200	17.622	5191.2088	5208.8312	---	---
	Ant1	5240	17.702	5231.1289	5248.8312	---	---
	Ant2	5240	17.582	5231.2088	5248.7912	---	---
	Ant1	5260	17.702	5251.1289	5268.8312	---	---
	Ant2	5260	17.662	5251.1688	5268.8312	---	---
	Ant1	5280	17.782	5271.1688	5288.9510	---	---
	Ant2	5280	17.582	5271.2088	5288.7912	---	---
	Ant1	5320	17.702	5311.1289	5328.8312	---	---
	Ant2	5320	17.702	5311.1688	5328.8711	---	---
	Ant1	5500	17.702	5491.1289	5508.8312	---	---
	Ant2	5500	17.582	5491.2088	5508.7912	---	---
	Ant1	5580	17.702	5571.0889	5588.7912	---	---
	Ant2	5580	17.662	5571.1688	5588.8312	---	---
	Ant1	5700	17.662	5691.1688	5708.8312	---	---
	Ant2	5700	17.542	5691.2088	5708.7512	---	---
	Ant1	5720	17.622	5711.2088	5728.8312	---	---
	Ant2	5720	17.622	5711.1688	5728.7912	---	---
	Ant1	5720 UNII-2C	13.791	5711.2088	5725	---	---
	Ant2	5720 UNII-2C	13.831	5711.1688	5725	---	---
	Ant1	5720 UNII-3	3.831	5725	5728.8312	---	---
	Ant2	5720 UNII-3	3.791	5725	5728.7912	---	---
	Ant1	5745	17.702	5736.1289	5753.8312	---	---
	Ant2	5745	17.622	5736.2088	5753.8312	---	---
	Ant1	5785	17.662	5776.2088	5793.8711	---	---
	Ant2	5785	17.662	5776.1688	5793.8312	---	---

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	Ant1	5825	17.742	5816.0889	5833.8312	---	---
	Ant2	5825	17.582	5816.2088	5833.7912	---	---
11AC40MIMO	Ant1	5190	36.204	5172.0979	5208.3017	---	---
	Ant2	5190	35.884	5172.0180	5207.9021	---	---
	Ant1	5230	36.204	5211.8581	5248.0619	---	---
	Ant2	5230	36.044	5212.0180	5248.0619	---	---
	Ant1	5270	36.124	5252.0979	5288.2218	---	---
	Ant2	5270	36.124	5251.8581	5287.9820	---	---
	Ant1	5310	36.044	5291.7782	5327.8222	---	---
	Ant2	5310	36.124	5291.9381	5328.0619	---	---
	Ant1	5510	35.964	5492.0180	5527.9820	---	---
	Ant2	5510	35.964	5492.0979	5528.0619	---	---
	Ant1	5550	35.964	5531.9381	5567.9021	---	---
	Ant2	5550	35.964	5531.9381	5567.9021	---	---
	Ant1	5670	36.124	5651.8581	5687.9820	---	---
	Ant2	5670	36.124	5651.8581	5687.9820	---	---
	Ant1	5710	36.044	5691.9381	5727.9820	---	---
	Ant2	5710	36.124	5691.9381	5728.0619	---	---
	Ant1	5710 UNII-2C	33.062	5691.9381	5725	---	---
	Ant2	5710 UNII-2C	33.062	5691.9381	5725	---	---
	Ant1	5710 UNII-3	2.982	5725	5727.9820	---	---
	Ant2	5710 UNII-3	3.062	5725	5728.0619	---	---
	Ant1	5755	36.044	5736.8581	5772.9021	---	---
	Ant2	5755	35.884	5737.0180	5772.9021	---	---
	Ant1	5795	36.044	5776.9381	5812.9820	---	---
	Ant2	5795	35.964	5777.0180	5812.9820	---	---
11AC80MIMO	Ant1	5210	75.125	5172.4376	5247.5624	---	---
	Ant2	5210	75.445	5172.2777	5247.7223	---	---
	Ant1	5290	75.285	5252.4376	5327.7223	---	---
	Ant2	5290	75.445	5252.2777	5327.7223	---	---
	Ant1	5530	74.965	5492.4376	5567.4026	---	---
	Ant2	5530	75.445	5492.2777	5567.7223	---	---
	Ant1	5610	75.125	5572.5974	5647.7223	---	---
	Ant2	5610	75.445	5572.4376	5647.8821	---	---
	Ant1	5690	75.445	5652.2777	5727.7223	---	---
	Ant2	5690	75.285	5652.4376	5727.7223	---	---
	Ant1	5690 UNII-2C	72.722	5652.2777	5725	---	---
	Ant2	5690 UNII-2C	72.562	5652.4376	5725	---	---
	Ant1	5690 UNII-3	2.722	5725	5727.7223	---	---
	Ant2	5690 UNII-3	2.722	5725	5727.7223	---	---
	Ant1	5775	74.965	5737.4376	5812.4026	---	---
	Ant2	5775	75.604	5737.1179	5812.7223	---	---
11AX20MIMO	Ant1	5180	18.981	5170.5295	5189.5105	---	---
	Ant2	5180	18.901	5170.5295	5189.4306	---	---
	Ant1	5200	18.821	5190.6094	5209.4306	---	---
	Ant2	5200	19.021	5190.4895	5209.5105	---	---
	Ant1	5240	18.821	5230.5295	5249.3506	---	---
	Ant2	5240	18.861	5230.6094	5249.4705	---	---
	Ant1	5260	18.981	5250.5295	5269.5105	---	---
	Ant2	5260	18.981	5250.4096	5269.3906	---	---
	Ant1	5280	18.861	5270.6094	5289.4705	---	---
	Ant2	5280	18.941	5270.5295	5289.4705	---	---
	Ant1	5320	18.901	5310.4895	5329.3906	---	---
	Ant2	5320	18.901	5310.6094	5329.5105	---	---
	Ant1	5500	18.941	5490.5295	5509.4705	---	---
	Ant2	5500	18.901	5490.5694	5509.4705	---	---
	Ant1	5580	18.861	5570.5295	5589.3906	---	---
	Ant2	5580	18.901	5570.5694	5589.4705	---	---
	Ant1	5700	18.861	5690.6094	5709.4705	---	---
	Ant2	5700	19.021	5690.4895	5709.5105	---	---
	Ant1	5720	18.941	5710.5295	5729.4705	---	---
	Ant2	5720	18.941	5710.5295	5729.4705	---	---
	Ant1	5720 UNII-2C	14.471	5710.5295	5725	---	---
	Ant2	5720 UNII-2C	14.471	5710.5295	5725	---	---
	Ant1	5720 UNII-3	4.471	5725	5729.4705	---	---

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	Ant2	5720 UNII-3	4.471	5725	5729.4705	---	---
	Ant1	5745	19.061	5735.3297	5754.3906	---	---
	Ant2	5745	18.861	5735.5295	5754.3906	---	---
	Ant1	5785	18.821	5775.6094	5794.4306	---	---
	Ant2	5785	18.941	5775.4895	5794.4306	---	---
	Ant1	5825	18.821	5815.6094	5834.4306	---	---
	Ant2	5825	18.821	5815.6094	5834.4306	---	---
11AX40MIMO	Ant1	5190	37.483	5171.5385	5209.0210	---	---
	Ant2	5190	37.722	5171.1389	5208.8611	---	---
	Ant1	5230	37.642	5210.9790	5248.6214	---	---
	Ant2	5230	37.642	5211.0589	5248.7013	---	---
	Ant1	5270	37.722	5251.2188	5288.9411	---	---
	Ant2	5270	37.483	5251.3786	5288.8611	---	---
	Ant1	5310	37.562	5290.9790	5328.5415	---	---
	Ant2	5310	37.802	5291.0589	5328.8611	---	---
	Ant1	5510	37.882	5491.1389	5529.0210	---	---
	Ant2	5510	37.802	5491.1389	5528.9411	---	---
	Ant1	5550	37.163	5531.3786	5568.5415	---	---
	Ant2	5550	37.642	5531.1389	5568.7812	---	---
	Ant1	5630	37.722	5611.1389	5648.8611	---	---
	Ant2	5630	37.802	5610.9790	5648.7812	---	---
	Ant1	5670	37.722	5650.9790	5688.7013	---	---
	Ant2	5670	37.722	5651.0589	5688.7812	---	---
	Ant1	5710	37.722	5691.2188	5728.9411	---	---
	Ant2	5710	37.802	5691.1389	5728.9411	---	---
	Ant1	5710 UNII-2C	33.781	5691.2188	5725	---	---
	Ant2	5710 UNII-2C	33.861	5691.1389	5725	---	---
	Ant1	5710 UNII-3	3.941	5725	5728.9411	---	---
	Ant2	5710 UNII-3	3.941	5725	5728.9411	---	---
	Ant1	5755	37.882	5736.0589	5773.9411	---	---
	Ant2	5755	37.882	5736.0589	5773.9411	---	---
	Ant1	5795	37.642	5776.2987	5813.9411	---	---
	Ant2	5795	37.802	5775.8991	5813.7013	---	---
11AX80MIMO	Ant1	5210	77.043	5171.7982	5248.8412	---	---
	Ant2	5210	76.084	5172.1179	5248.2018	---	---
	Ant1	5290	77.203	5251.4785	5328.6813	---	---
	Ant2	5290	76.563	5251.9580	5328.5215	---	---
	Ant1	5530	77.363	5491.3187	5568.6813	---	---
	Ant2	5530	77.522	5491.1588	5568.6813	---	---
	Ant1	5610	76.563	5571.3187	5647.8821	---	---
	Ant2	5610	76.563	5571.9580	5648.5215	---	---
	Ant1	5690	77.522	5651.3187	5728.8412	---	---
	Ant2	5690	77.203	5651.1588	5728.3616	---	---
	Ant1	5690 UNII-2C	73.681	5651.3187	5725	---	---
	Ant2	5690 UNII-2C	73.841	5651.1588	5725	---	---
	Ant1	5690 UNII-3	3.841	5725	5728.8412	---	---
	Ant2	5690 UNII-3	3.362	5725	5728.3616	---	---
	Ant1	5775	76.404	5736.7982	5813.2018	---	---
	Ant2	5775	77.522	5736.3187	5813.8412	---	---
11AX160MIMO	Ant1	5250	156.004	5172.6374	5328.6414	---	---
	Ant2	5250	156.004	5172.6374	5328.6414	---	---
	Ant1	5250 UNII-1	77.363	5172.6374	5250	---	---
	Ant2	5250 UNII-1	77.363	5172.6374	5250	---	---
	Ant1	5250 UNII-2A	78.641	5250	5328.6414	---	---
	Ant2	5250 UNII-2A	78.641	5250	5328.6414	---	---
	Ant1	5570	156.324	5491.6783	5648.0020	---	---
	Ant2	5570	157.283	5491.3586	5648.6414	---	---

**26dB Bandwidth**

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	19.56	5169.76	5189.32	---	---
	Ant2	5180	18.36	5170.88	5189.24	---	---
	Ant1	5200	18.56	5190.64	5209.20	---	---
	Ant2	5200	18.52	5190.68	5209.20	---	---
	Ant1	5240	18.40	5230.80	5249.20	---	---
	Ant2	5240	18.68	5230.76	5249.44	---	---
	Ant1	5260	18.60	5250.60	5269.20	---	---
	Ant2	5260	18.60	5250.68	5269.28	---	---
	Ant1	5280	18.72	5270.64	5289.36	---	---
	Ant2	5280	18.44	5270.76	5289.20	---	---
	Ant1	5320	18.56	5310.68	5329.24	---	---
	Ant2	5320	19.64	5309.76	5329.40	---	---
	Ant1	5500	18.52	5490.76	5509.28	---	---
	Ant2	5500	18.64	5490.72	5509.36	---	---
	Ant1	5580	18.68	5570.64	5589.32	---	---
	Ant2	5580	18.52	5570.72	5589.24	---	---
	Ant1	5700	18.72	5690.72	5709.44	---	---
	Ant2	5700	18.44	5690.76	5709.20	---	---
	Ant1	5720	18.92	5710.64	5729.56	---	---
	Ant2	5720	18.56	5710.80	5729.36	---	---
	Ant1	5720 UNII-2C	14.36	5710.64	5725	---	---
	Ant2	5720 UNII-2C	14.2	5710.80	5725	---	---
	Ant1	5720 UNII-3	4.56	5725	5729.56	---	---
	Ant2	5720 UNII-3	4.36	5725	5729.36	---	---
	Ant1	5745	18.68	5735.68	5754.36	---	---
	Ant2	5745	18.88	5735.56	5754.44	---	---
	Ant1	5785	18.68	5775.60	5794.28	---	---
	Ant2	5785	18.52	5775.72	5794.24	---	---
	Ant1	5825	18.68	5815.64	5834.32	---	---
	Ant2	5825	18.52	5815.68	5834.20	---	---
11AC20MIMO	Ant1	5180	19.88	5169.96	5189.84	---	---
	Ant2	5180	19.60	5170.20	5189.80	---	---
	Ant1	5200	19.84	5190.08	5209.92	---	---
	Ant2	5200	19.76	5190.04	5209.80	---	---
	Ant1	5240	20.04	5229.92	5249.96	---	---
	Ant2	5240	19.52	5230.24	5249.76	---	---
	Ant1	5260	19.80	5250.12	5269.92	---	---
	Ant2	5260	20.28	5249.92	5270.20	---	---
	Ant1	5280	19.44	5270.40	5289.84	---	---
	Ant2	5280	19.76	5270.00	5289.76	---	---
	Ant1	5320	20.04	5309.92	5329.96	---	---
	Ant2	5320	19.72	5310.08	5329.80	---	---
	Ant1	5500	19.92	5490.00	5509.92	---	---
	Ant2	5500	20.08	5489.88	5509.96	---	---
	Ant1	5580	19.88	5570.08	5589.96	---	---
	Ant2	5580	19.76	5570.04	5589.80	---	---
	Ant1	5700	19.72	5690.16	5709.88	---	---
	Ant2	5700	19.72	5690.04	5709.76	---	---
	Ant1	5720	19.92	5710.08	5730.00	---	---
	Ant2	5720	19.92	5709.96	5729.88	---	---
	Ant1	5720 UNII-2C	14.92	5710.08	5725	---	---
	Ant2	5720 UNII-2C	15.04	5709.96	5725	---	---
	Ant1	5720 UNII-3	5	5725	5730.00	---	---
	Ant2	5720 UNII-3	4.88	5725	5729.88	---	---
	Ant1	5745	19.84	5734.96	5754.80	---	---
	Ant2	5745	19.52	5735.24	5754.76	---	---
	Ant1	5785	19.68	5775.24	5794.92	---	---
	Ant2	5785	20.16	5774.72	5794.88	---	---

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	Ant1	5825	20.40	5814.60	5835.00	---	---
	Ant2	5825	20.00	5814.80	5834.80	---	---
11AC40MIMO	Ant1	5190	39.52	5170.48	5210.00	---	---
	Ant2	5190	39.04	5170.48	5209.52	---	---
	Ant1	5230	39.44	5210.16	5249.60	---	---
	Ant2	5230	38.96	5210.64	5249.60	---	---
	Ant1	5270	40.16	5250.32	5290.48	---	---
	Ant2	5270	39.68	5250.08	5289.76	---	---
	Ant1	5310	40.32	5289.76	5330.08	---	---
	Ant2	5310	39.12	5290.32	5329.44	---	---
	Ant1	5510	40.08	5489.92	5530.00	---	---
	Ant2	5510	39.28	5490.24	5529.52	---	---
	Ant1	5550	39.20	5530.40	5569.60	---	---
	Ant2	5550	39.36	5530.24	5569.60	---	---
	Ant1	5670	40.24	5649.60	5689.84	---	---
	Ant2	5670	39.76	5650.16	5689.92	---	---
	Ant1	5710	39.20	5690.48	5729.68	---	---
	Ant2	5710	39.28	5690.64	5729.92	---	---
	Ant1	5710 UNII-2C	34.52	5690.48	5725	---	---
	Ant2	5710 UNII-2C	34.36	5690.64	5725	---	---
	Ant1	5710 UNII-3	4.68	5725	5729.68	---	---
	Ant2	5710 UNII-3	4.92	5725	5729.92	---	---
	Ant1	5755	39.92	5735.00	5774.92	---	---
	Ant2	5755	39.04	5735.32	5774.36	---	---
	Ant1	5795	39.44	5775.32	5814.76	---	---
	Ant2	5795	39.84	5775.32	5815.16	---	---
11AC80MIMO	Ant1	5210	79.52	5170.32	5249.84	---	---
	Ant2	5210	79.68	5170.32	5250.00	---	---
	Ant1	5290	79.52	5250.32	5329.84	---	---
	Ant2	5290	79.68	5250.32	5330.00	---	---
	Ant1	5530	80.00	5490.00	5570.00	---	---
	Ant2	5530	79.52	5490.32	5569.84	---	---
	Ant1	5610	80.48	5569.36	5649.84	---	---
	Ant2	5610	80.80	5569.20	5650.00	---	---
	Ant1	5690	80.80	5649.04	5729.84	---	---
	Ant2	5690	80.16	5649.84	5730.00	---	---
	Ant1	5690 UNII-2C	75.96	5649.04	5725	---	---
	Ant2	5690 UNII-2C	75.16	5649.84	5725	---	---
	Ant1	5690 UNII-3	4.84	5725	5729.84	---	---
	Ant2	5690 UNII-3	5	5725	5730.00	---	---
	Ant1	5775	80.80	5734.04	5814.84	---	---
	Ant2	5775	79.68	5735.32	5815.00	---	---
11AX20MIMO	Ant1	5180	20.40	5169.80	5190.20	---	---
	Ant2	5180	21.12	5169.60	5190.72	---	---
	Ant1	5200	20.80	5189.80	5210.60	---	---
	Ant2	5200	21.04	5189.56	5210.60	---	---
	Ant1	5240	21.12	5229.48	5250.60	---	---
	Ant2	5240	20.72	5229.64	5250.36	---	---
	Ant1	5260	20.96	5249.44	5270.40	---	---
	Ant2	5260	20.64	5249.68	5270.32	---	---
	Ant1	5280	20.72	5269.72	5290.44	---	---
	Ant2	5280	20.60	5269.64	5290.24	---	---
	Ant1	5320	20.64	5309.52	5330.16	---	---
	Ant2	5320	20.56	5309.76	5330.32	---	---
	Ant1	5500	20.84	5489.72	5510.56	---	---
	Ant2	5500	20.76	5489.68	5510.44	---	---
	Ant1	5580	20.60	5569.64	5590.24	---	---
	Ant2	5580	20.72	5569.64	5590.36	---	---
	Ant1	5700	20.44	5689.76	5710.20	---	---
	Ant2	5700	20.72	5689.68	5710.40	---	---
	Ant1	5720	20.84	5709.44	5730.28	---	---
	Ant2	5720	20.76	5709.76	5730.52	---	---
	Ant1	5720 UNII-2C	15.56	5709.44	5725	---	---
	Ant2	5720 UNII-2C	15.24	5709.76	5725	---	---
	Ant1	5720 UNII-3	5.28	5725	5730.28	---	---

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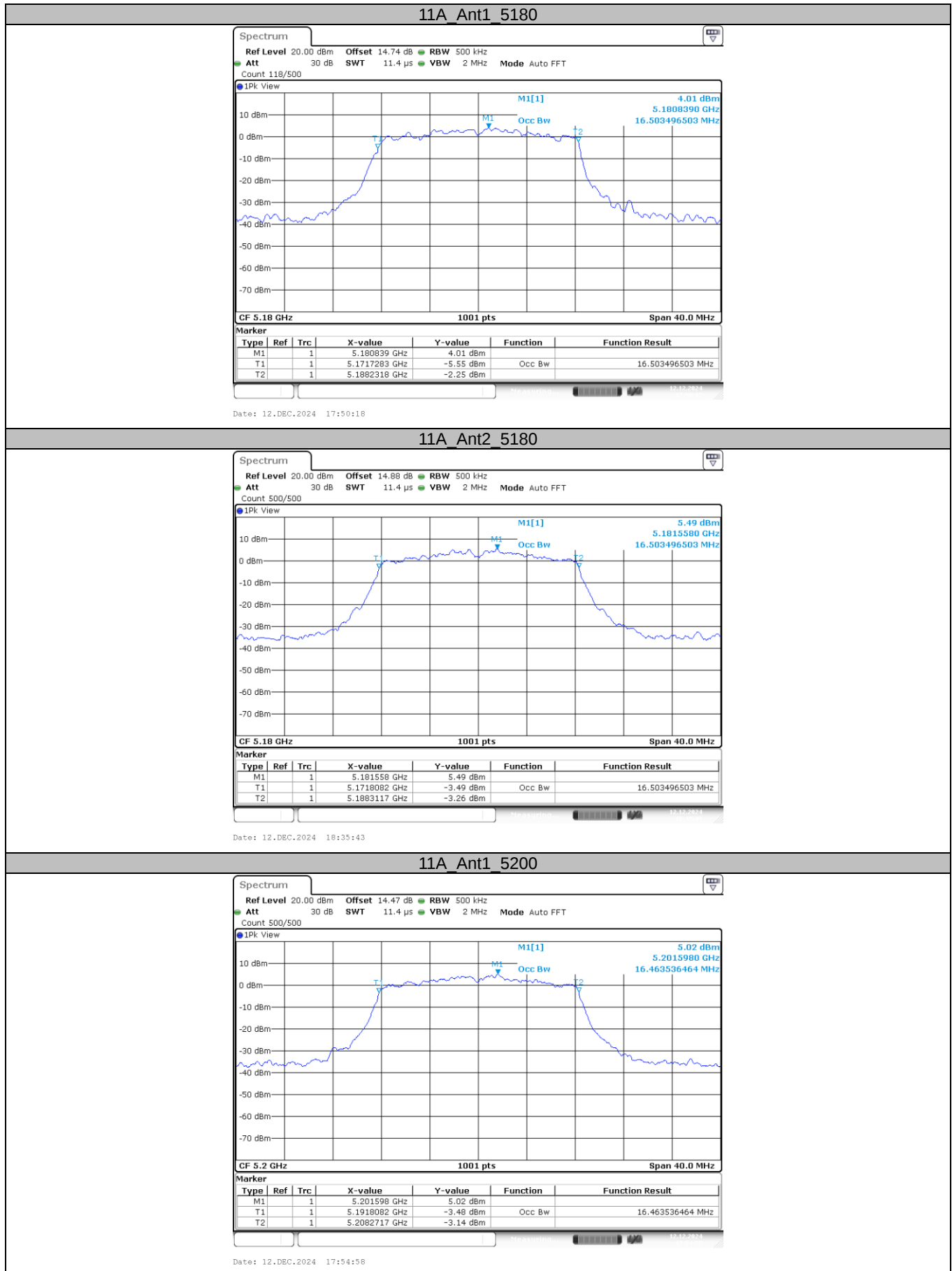
	Ant2	5720 UNII-3	5.52	5725	5730.52	---	---
	Ant1	5745	20.56	5734.76	5755.32	---	---
	Ant2	5745	20.60	5734.72	5755.32	---	---
	Ant1	5785	20.64	5774.76	5795.40	---	---
	Ant2	5785	20.84	5774.60	5795.44	---	---
	Ant1	5825	20.88	5814.60	5835.48	---	---
11AX40MIMO	Ant2	5825	20.60	5814.76	5835.36	---	---
	Ant1	5190	40.32	5169.92	5210.24	---	---
	Ant2	5190	40.16	5170.00	5210.16	---	---
	Ant1	5230	40.40	5209.60	5250.00	---	---
	Ant2	5230	40.08	5210.08	5250.16	---	---
	Ant1	5270	40.24	5250.00	5290.24	---	---
	Ant2	5270	40.16	5250.00	5290.16	---	---
	Ant1	5310	40.48	5289.76	5330.24	---	---
	Ant2	5310	40.24	5289.84	5330.08	---	---
	Ant1	5510	40.48	5489.92	5530.40	---	---
	Ant2	5510	40.00	5489.92	5529.92	---	---
	Ant1	5550	40.16	5529.92	5570.08	---	---
	Ant2	5550	40.48	5529.84	5570.32	---	---
	Ant1	5670	40.32	5649.84	5690.16	---	---
	Ant2	5670	40.80	5649.44	5690.24	---	---
	Ant1	5710	40.16	5689.92	5730.08	---	---
	Ant2	5710	40.08	5690.00	5730.08	---	---
	Ant1	5710 UNII-2C	35.08	5689.92	5725	---	---
	Ant2	5710 UNII-2C	35	5690.00	5725	---	---
	Ant1	5710 UNII-3	5.08	5725	5730.08	---	---
	Ant2	5710 UNII-3	5.08	5725	5730.08	---	---
	Ant1	5755	40.64	5734.68	5775.32	---	---
	Ant2	5755	40.00	5735.00	5775.00	---	---
	Ant1	5795	39.92	5775.08	5815.00	---	---
	Ant2	5795	40.08	5775.00	5815.08	---	---
11AX80MIMO	Ant1	5210	80.32	5169.84	5250.16	---	---
	Ant2	5210	81.76	5169.36	5251.12	---	---
	Ant1	5290	81.92	5249.20	5331.12	---	---
	Ant2	5290	81.12	5249.84	5330.96	---	---
	Ant1	5530	80.64	5489.84	5570.48	---	---
	Ant2	5530	80.32	5489.84	5570.16	---	---
	Ant1	5610	80.64	5569.52	5650.16	---	---
	Ant2	5610	80.64	5569.84	5650.48	---	---
	Ant1	5690	82.40	5648.40	5730.80	---	---
	Ant2	5690	80.96	5649.84	5730.80	---	---
	Ant1	5690 UNII-2C	76.6	5648.40	5725	---	---
	Ant2	5690 UNII-2C	75.16	5649.84	5725	---	---
	Ant1	5690 UNII-3	5.8	5725	5730.80	---	---
	Ant2	5690 UNII-3	5.8	5725	5730.80	---	---
11AX160MIMO	Ant1	5775	80.48	5734.84	5815.32	---	---
	Ant2	5775	81.76	5733.88	5815.64	---	---
	Ant1	5250	162.88	5168.72	5331.60	---	---
	Ant2	5250	162.56	5169.04	5331.60	---	---
	Ant1	5250 UNII-1	81.28	5168.72	5250	---	---
	Ant2	5250 UNII-1	80.96	5169.04	5250	---	---
	Ant1	5250 UNII-2A	81.6	5250	5331.60	---	---
	Ant2	5250 UNII-2A	81.6	5250	5331.60	---	---
	Ant1	5570	163.20	5488.08	5651.28	---	---
	Ant2	5570	163.84	5487.76	5651.60	---	---

**6dB Bandwidth**

TestMode	Antenna	Freq(MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	15.12	5737.44	5752.56	0.5	PASS
	Ant2	5745	15.68	5737.24	5752.92	0.5	PASS
	Ant1	5785	13.88	5777.44	5791.32	0.5	PASS
	Ant2	5785	15.16	5777.44	5792.60	0.5	PASS
	Ant1	5825	13.84	5817.48	5831.32	0.5	PASS
	Ant2	5825	15.56	5817.24	5832.80	0.5	PASS
11AC20MIMO	Ant1	5745	15.12	5737.44	5752.56	0.5	PASS
	Ant2	5745	17.56	5736.24	5753.80	0.5	PASS
	Ant1	5785	13.88	5777.44	5791.32	0.5	PASS
	Ant2	5785	17.52	5776.24	5793.76	0.5	PASS
	Ant1	5825	17.56	5816.20	5833.76	0.5	PASS
	Ant2	5825	17.56	5816.20	5833.76	0.5	PASS
11AC40MIMO	Ant1	5755	36.32	5736.84	5773.16	0.5	PASS
	Ant2	5755	36.32	5736.84	5773.16	0.5	PASS
	Ant1	5795	35.68	5777.24	5812.92	0.5	PASS
	Ant2	5795	31.36	5778.68	5810.04	0.5	PASS
11AC80MIMO	Ant1	5775	72.16	5738.52	5810.68	0.5	PASS
	Ant2	5775	65.12	5747.48	5812.60	0.5	PASS
11AX20MIMO	Ant1	5745	17.84	5735.88	5753.72	0.5	PASS
	Ant2	5745	13.76	5738.68	5752.44	0.5	PASS
	Ant1	5785	14.96	5778.92	5793.88	0.5	PASS
	Ant2	5785	18.92	5775.56	5794.48	0.5	PASS
	Ant1	5825	17.60	5815.76	5833.36	0.5	PASS
	Ant2	5825	16.76	5816.12	5832.88	0.5	PASS
11AX40MIMO	Ant1	5755	37.52	5736.12	5773.64	0.5	PASS
	Ant2	5755	36.48	5736.04	5772.52	0.5	PASS
	Ant1	5795	37.20	5776.60	5813.80	0.5	PASS
	Ant2	5795	37.60	5776.36	5813.96	0.5	PASS
11AX80MIMO	Ant1	5775	71.20	5741.40	5812.60	0.5	PASS
	Ant2	5775	60.80	5745.56	5806.36	0.5	PASS



99% Bandwidth:



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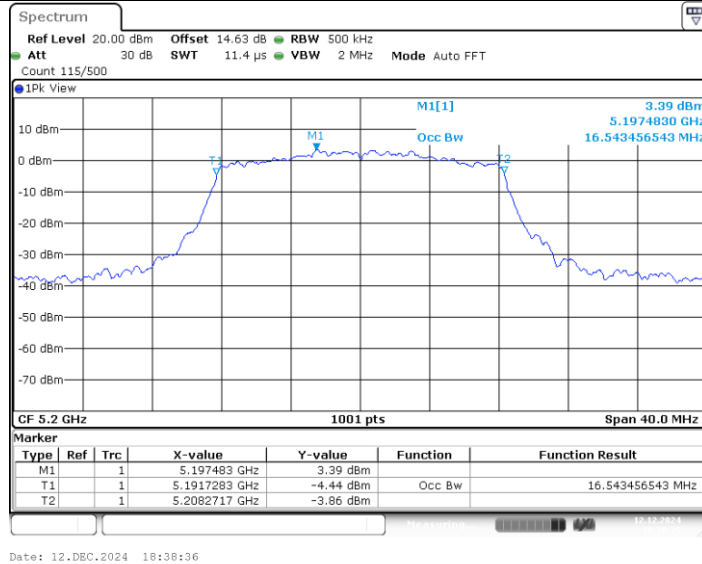
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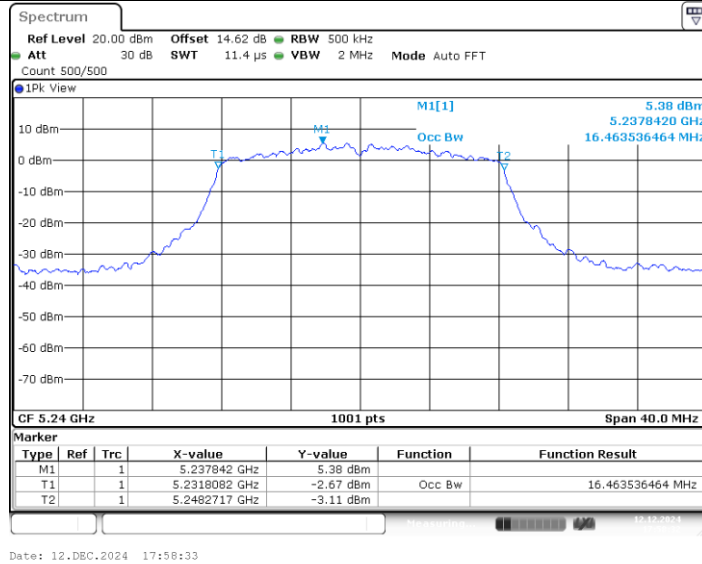
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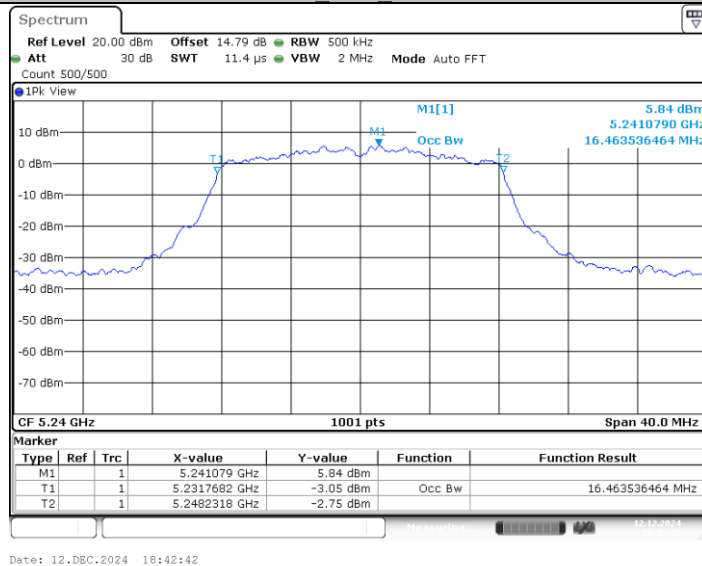
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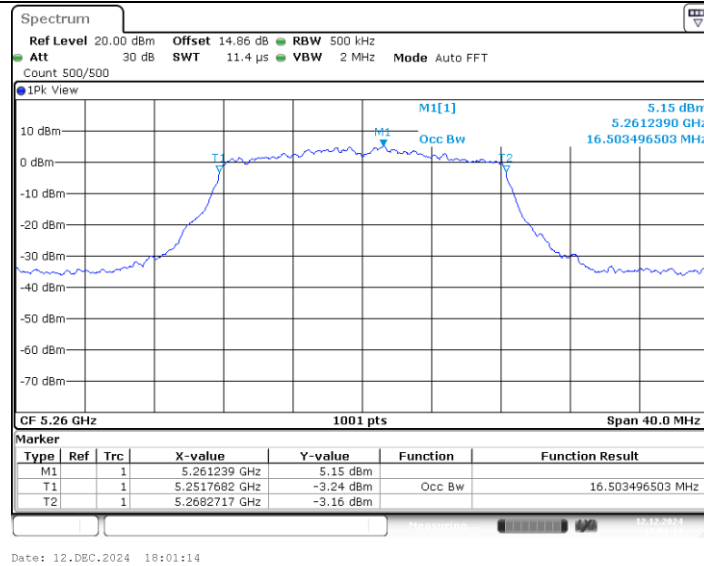
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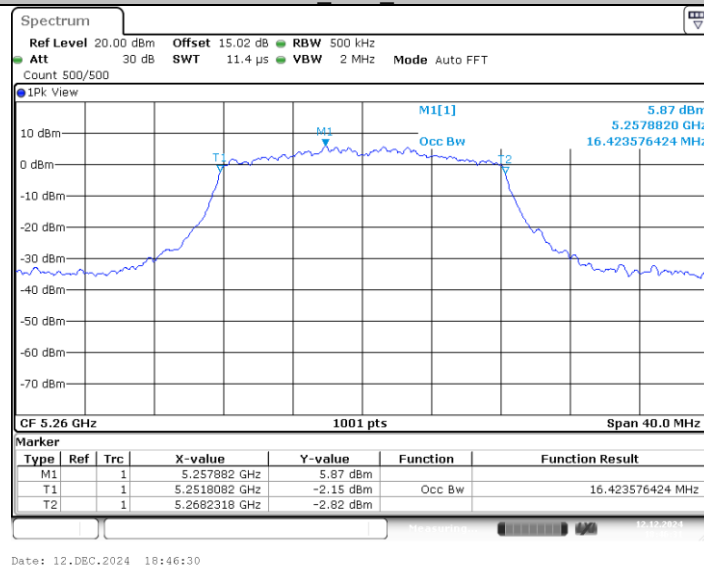
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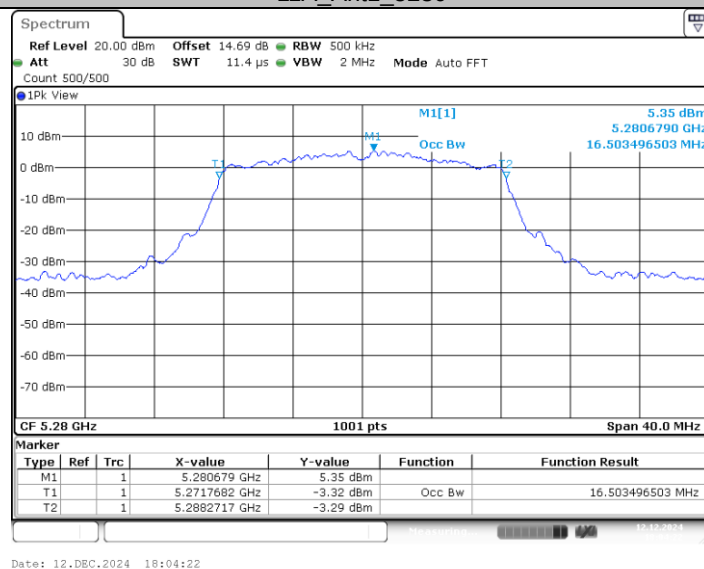
11A_Ant1_5260



11A_Ant2_5260



11A_Ant1_5280



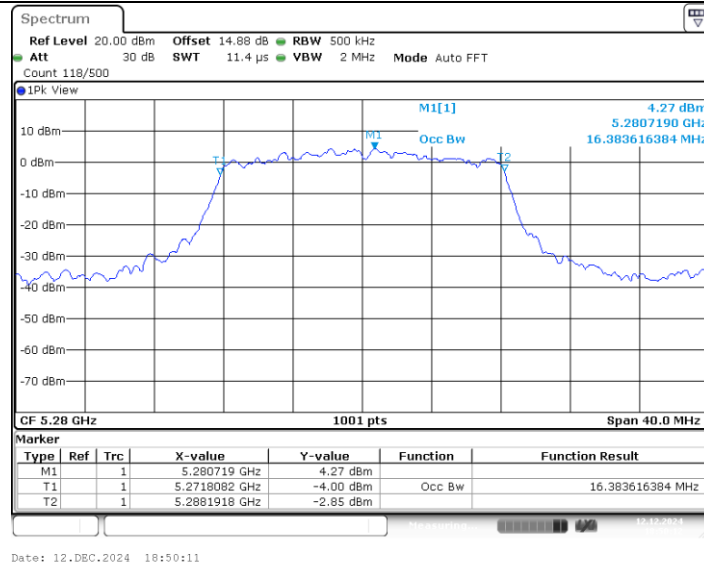
11A_Ant2_5280

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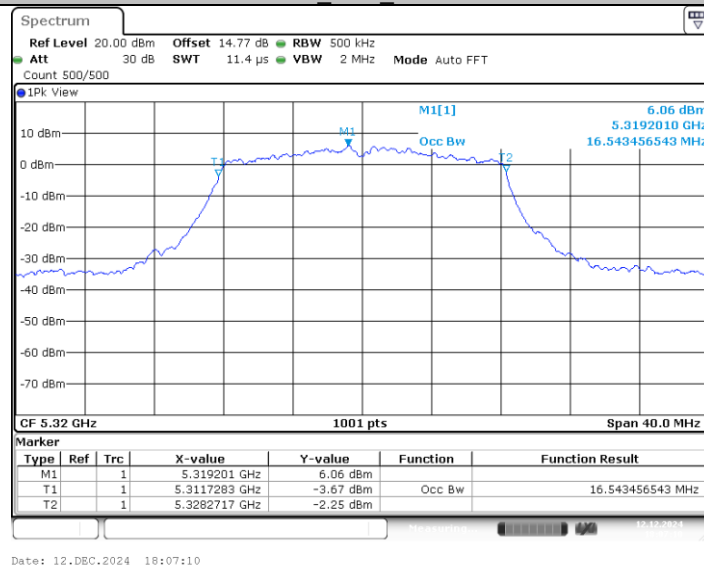
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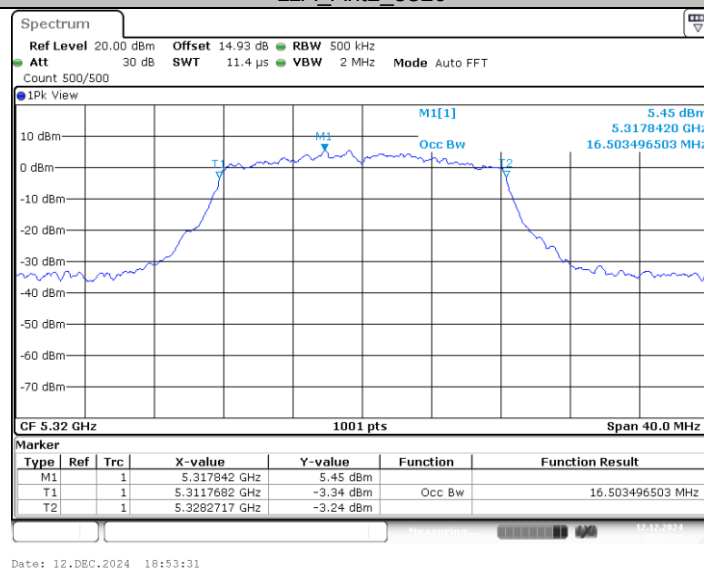
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11A_Ant1_5320



11A_Ant2_5320



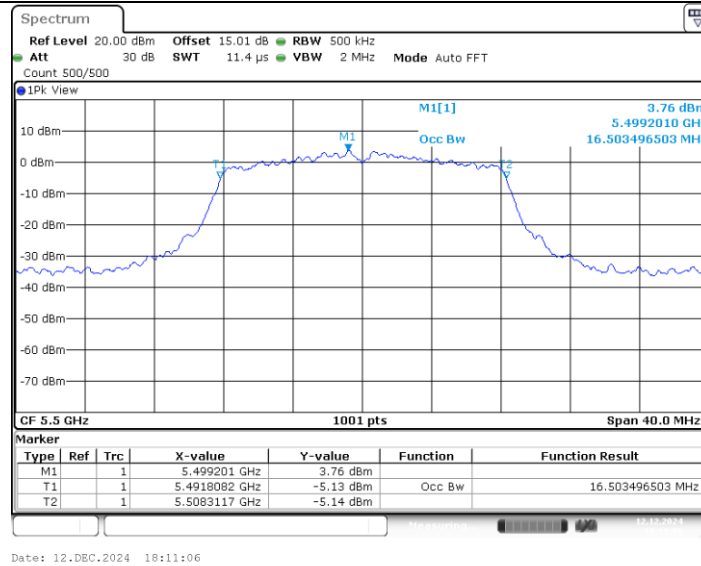
11A_Ant1_5500

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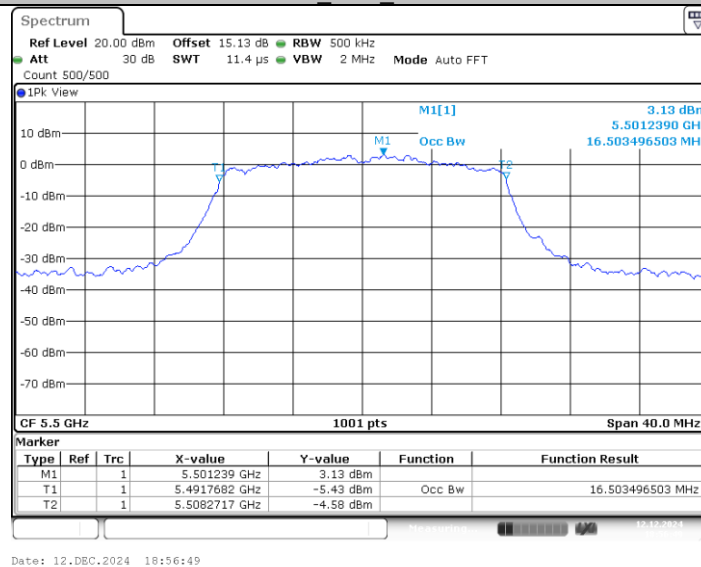
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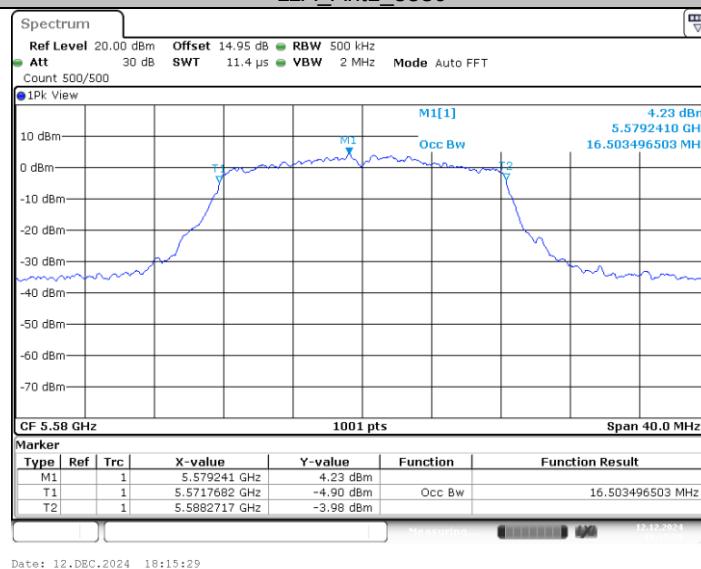
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11A_Ant2_5500



11A_Ant1_5580



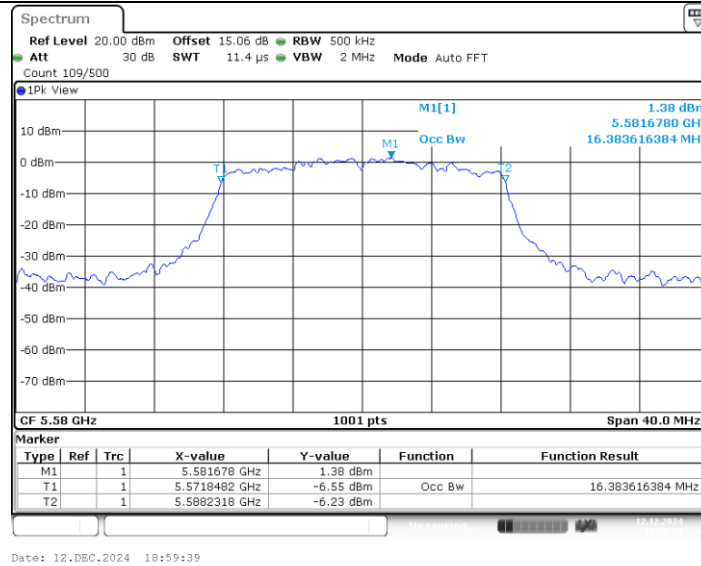
11A_Ant2_5580

CTC Laboratories, Inc.

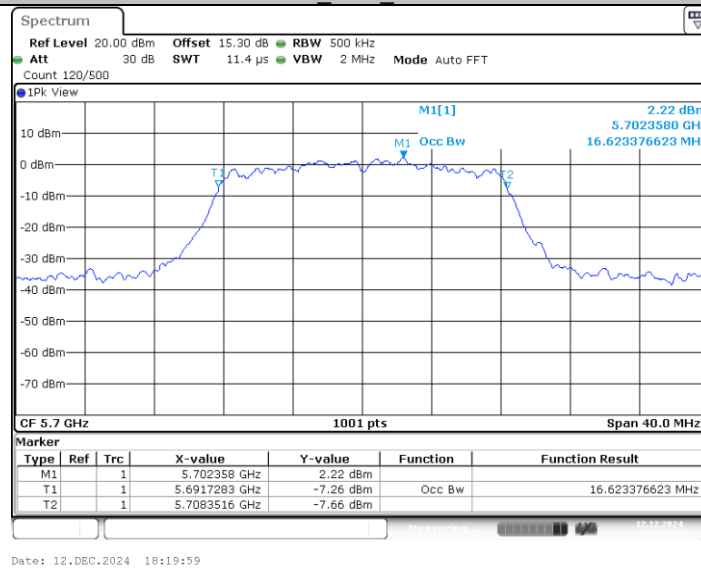
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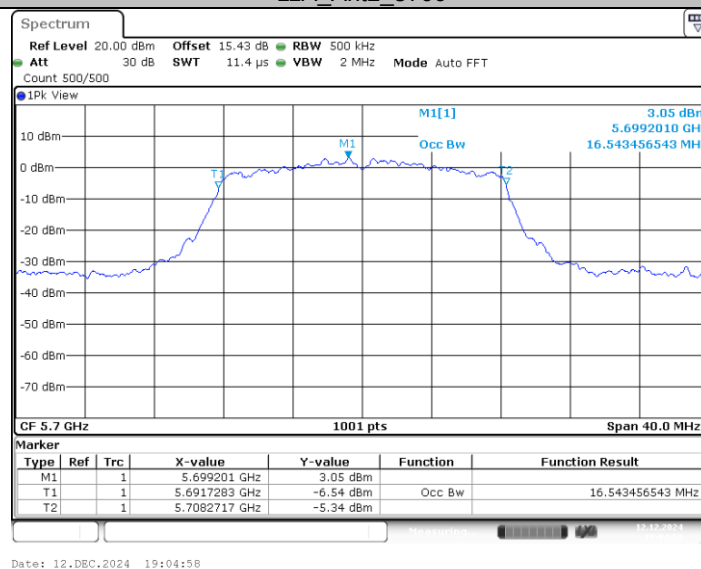
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11A_Ant1_5700



11A_Ant2_5700



11A_Ant1_5720

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