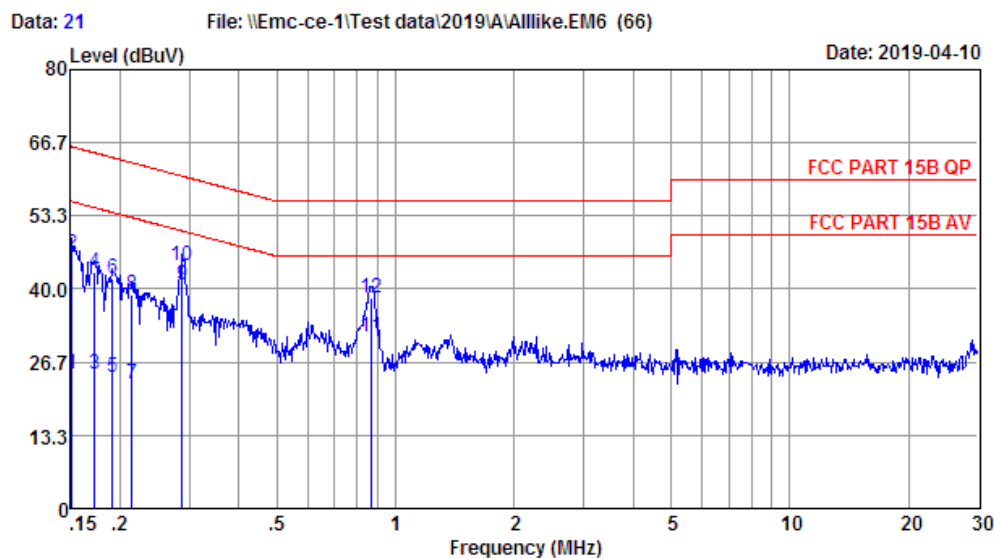


11.4. Test data

EST Technology

Chilingxiang, Qishantou, Santun,
Houjie, Dongguan, Guangdong, China
Tel: +86-769-83081888
Fax: +86-769-83081878



Site no : 844 Shield Room Data no. : 21
 Env. / Ins. : Temp:22.8'C Humi:50% Press:101.50kPa LINE Phase : LINE
 Limit : FCC PART 15B QP
 Engineer : Viking
 EUT : Bluetooth Speaker Furniture
 Power : AC 240V/60Hz
 M/N : VH-35
 Test Mode : TX Mode

	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.15	9.73	9.69	5.20	24.62	55.96	31.34	Average
2	0.15	9.73	9.69	26.91	46.33	65.96	19.63	QP
3	0.17	9.73	9.69	5.20	24.62	54.86	30.24	Average
4	0.17	9.73	9.69	23.73	43.15	64.86	21.71	QP
5	0.19	9.73	9.77	4.43	23.93	53.98	30.05	Average
6	0.19	9.73	9.77	22.33	41.83	63.98	22.15	QP
7	0.21	9.73	9.84	3.17	22.74	53.05	30.31	Average
8	0.21	9.73	9.84	19.54	39.11	63.05	23.94	QP
9	0.29	9.72	9.92	21.10	40.74	50.59	9.85	Average
10	0.29	9.72	9.92	24.63	44.27	60.59	16.32	QP
11	0.87	9.72	9.93	11.56	31.21	46.00	14.79	Average
12	0.87	9.72	9.93	18.78	38.43	56.00	17.57	QP

Remarks: 1. Emission Level= LISN Factor + Cable Loss + Reading.
 2. Margin= Limit - Emission Level.
 3. If the average limit is met when using a quasi-peak detector,
 the EUT shall be deemed to meet both limits and measurement
 with average detector is unnecessary.

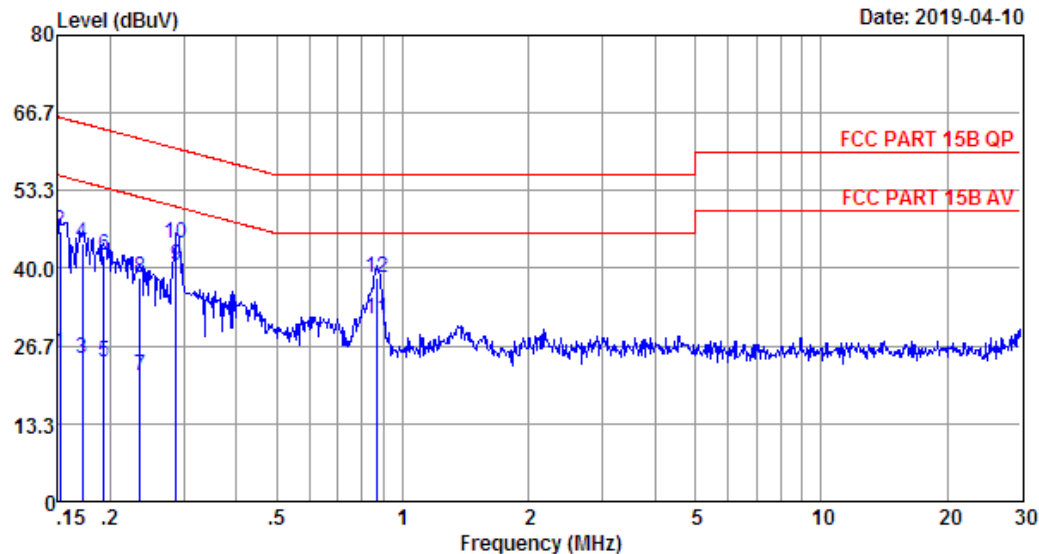
EST Technology

Chilingxiang, Qishantou, Santun,
Houjie, Dongguan, Guangdong, China
Tel: +86-769-83081888
Fax: +86-769-83081878

Data: 23

File: \\Emc-ce-1\Test data\2019\A\Allike.EM6 (66)

Date: 2019-04-10



Site no : 844 Shield Room Data no. : 23
 Env. / Ins. : Temp:22.8°C Humi:50% Press:101.50kPa LINE Phase : NEUTRAL
 Limit : FCC PART 15B QP
 Engineer : Viking
 EUT : Bluetooth Speaker Furniture
 Power : AC 240V/60Hz
 M/N : VH-35
 Test Mode : TX Mode

	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.15	9.61	9.69	6.20	25.50	55.91	30.41	Average
2	0.15	9.61	9.69	27.03	46.33	65.91	19.58	QP
3	0.17	9.61	9.69	5.20	24.50	54.90	30.40	Average
4	0.17	9.61	9.69	24.95	44.25	64.90	20.65	QP
5	0.19	9.62	9.77	4.43	23.82	53.89	30.07	Average
6	0.19	9.62	9.77	22.78	42.17	63.89	21.72	QP
7	0.24	9.62	9.92	1.90	21.44	52.26	30.82	Average
8	0.24	9.62	9.92	18.75	38.29	62.26	23.97	QP
9	0.29	9.62	9.92	21.01	40.55	50.59	10.04	Average
10	0.29	9.62	9.92	24.65	44.19	60.59	16.40	QP
11	0.87	9.71	9.93	11.56	31.20	46.00	14.80	Average
12	0.87	9.71	9.93	18.79	38.43	56.00	17.57	QP

Remarks: 1. Emission Level= LISN Factor + Cable Loss + Reading.
 2. Margin= Limit - Emission Level.
 3. If the average limit is met when using a quasi-peak detector,
 the EUT shall be deemed to meet both limits and measurement
 with average detector is unnecessary.

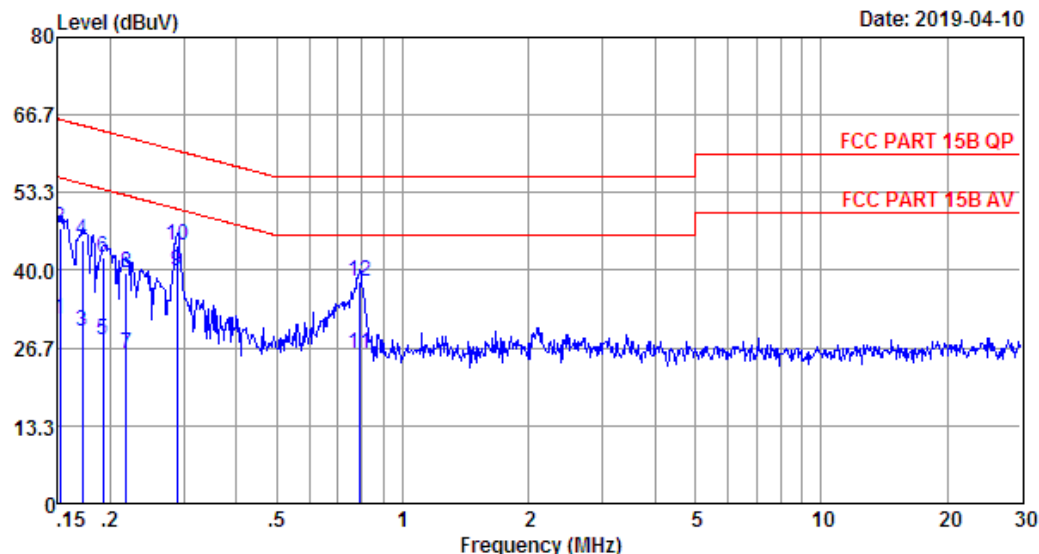
EST Technology

Chilingxiang, Qishantou, Santun,
Houjie, Dongguan, Guangdong, China
Tel: +86-769-83081888
Fax: +86-769-83081878

Data: 25

File: \\Emc-ce-1\Test data\2019\A\Allike.EM6 (66)

Date: 2019-04-10



Site no : 844 Shield Room Data no. : 25
 Env. / Ins. : Temp:22.8°C Humi:50% Press:101.50kPa LINE Phase : LINE
 Limit : FCC PART 15B QP
 Engineer : Viking
 EUT : Bluetooth Speaker Furniture
 Power : AC 120V/60Hz
 M/N : VH-35
 Test Mode : TX Mode

	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.15	9.59	9.69	12.34	31.62	55.91	24.29	Average
2	0.15	9.59	9.69	28.03	47.31	65.91	18.60	QP
3	0.17	9.59	9.69	10.34	29.62	54.90	25.28	Average
4	0.17	9.59	9.69	25.85	45.13	64.90	19.77	QP
5	0.19	9.60	9.77	8.56	27.93	53.93	26.00	Average
6	0.19	9.60	9.77	22.86	42.23	63.93	21.70	QP
7	0.22	9.61	9.84	6.29	25.74	52.88	27.14	Average
8	0.22	9.61	9.84	20.14	39.59	62.88	23.29	QP
9	0.29	9.61	9.92	20.21	39.74	50.54	10.80	Average
10	0.29	9.61	9.92	24.76	44.29	60.54	16.25	QP
11	0.79	9.63	9.93	6.02	25.58	46.00	20.42	Average
12	0.79	9.63	9.93	18.51	38.07	56.00	17.93	QP

Remarks: 1. Emission Level= LISN Factor + Cable Loss + Reading.
 2. Margin= Limit - Emission Level.
 3. If the average limit is met when using a quasi-peak detector,
 the EUT shall be deemed to meet both limits and measurement
 with average detector is unnecessary.

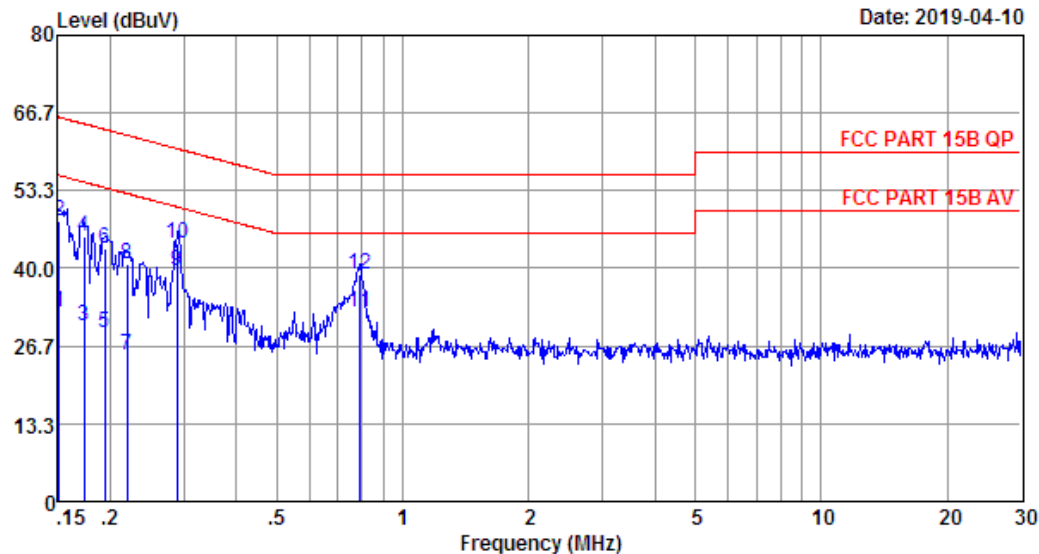
EST Technology

Chilingxiang, Qishantou, Santun,
Houjie, Dongguan, Guangdong, China
Tel: +86-769-83081888
Fax: +86-769-83081878

Data: 27

File: \\Emc-ce-1\Test data\2019\A\Allike.EM6 (66)

Date: 2019-04-10



Site no : 844 Shield Room Data no. : 27
 Env. / Ins. : Temp:22.8°C Humi:50% Press:101.50kPa LINE Phase : NEUTRAL
 Limit : FCC PART 15B QP
 Engineer : Viking
 EUT : Bluetooth Speaker Furniture
 Power : AC 120V/60Hz
 M/N : VH-35
 Test Mode : TX Mode

	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.15	9.50	9.69	13.31	32.50	55.96	23.46	Average
2	0.15	9.50	9.69	28.94	48.13	65.96	17.83	QP
3	0.17	9.50	9.69	11.03	30.22	54.81	24.59	Average
4	0.17	9.50	9.69	26.20	45.39	64.81	19.42	QP
5	0.19	9.53	9.77	9.52	28.82	53.84	25.02	Average
6	0.19	9.53	9.77	24.11	43.41	63.84	20.43	QP
7	0.22	9.53	9.84	5.76	25.13	52.83	27.70	Average
8	0.22	9.53	9.84	21.38	40.75	62.83	22.08	QP
9	0.29	9.54	9.92	20.09	39.55	50.54	10.99	Average
10	0.29	9.54	9.92	24.77	44.23	60.54	16.31	QP
11	0.79	9.56	9.93	13.07	32.56	46.00	13.44	Average
12	0.79	9.56	9.93	19.38	38.87	56.00	17.13	QP

Remarks: 1. Emission Level= LISN Factor + Cable Loss + Reading.
 2. Margin= Limit - Emission Level.
 3. If the average limit is met when using a quasi-peak detector,
 the EUT shall be deemed to meet both limits and measurement
 with average detector is unnecessary.

12. ANTENNA REQUIREMENTS

12.1. Limit

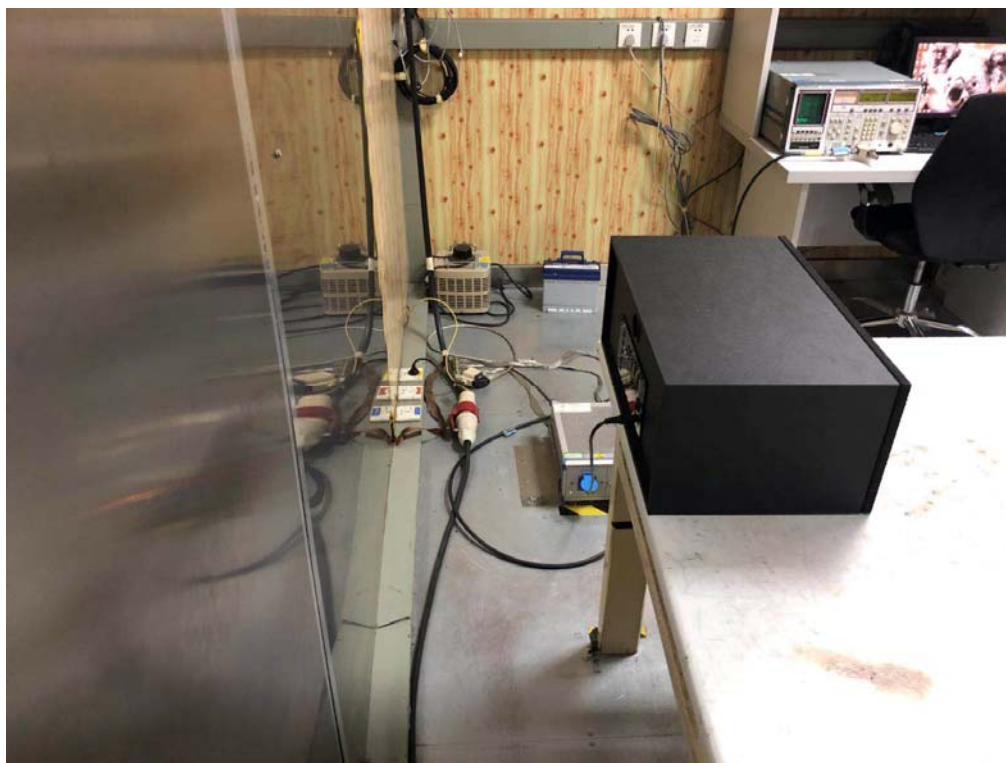
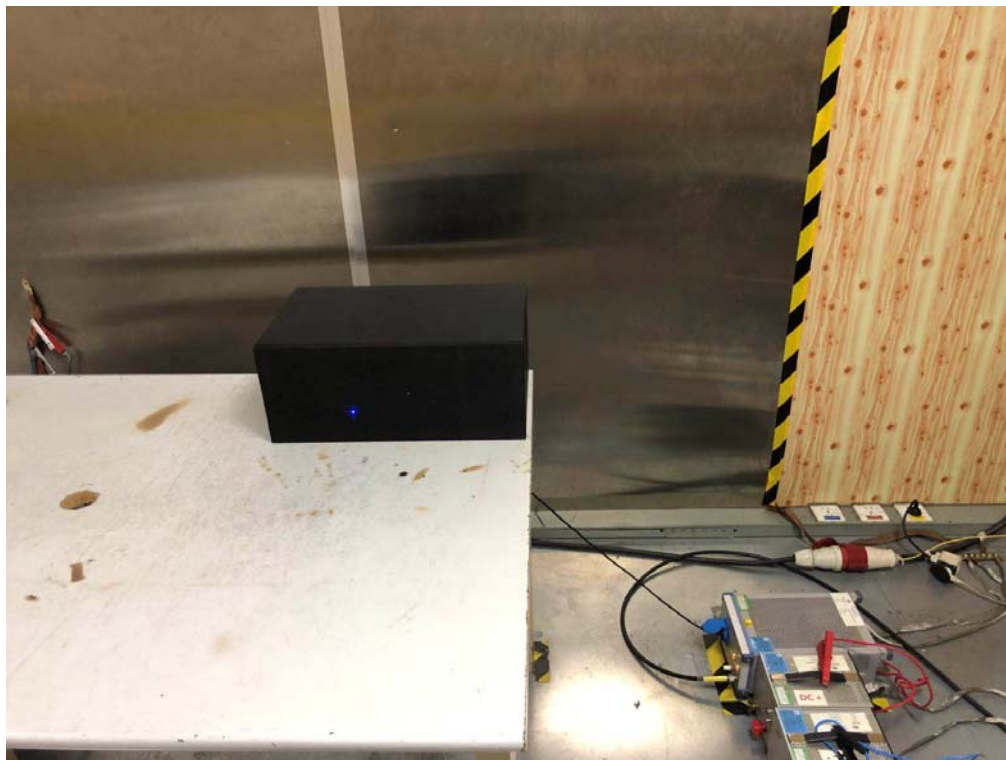
For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. And according to FCC 47 CFR Section 15.247 (b), if transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

12.2. Result

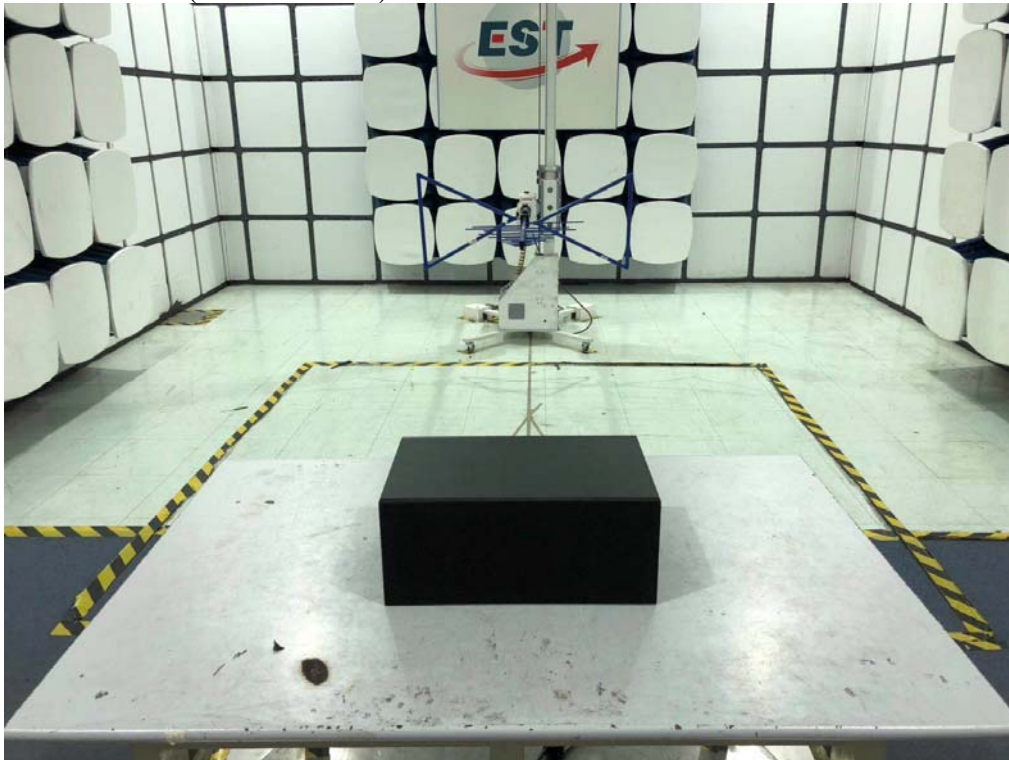
The antennas used for this product are PCB antenna and that no antenna other than that furnished by the responsible party shall be used with the device, the maximum peak gain of the transmit antenna is only 0dBi.

13. TEST SETUP PHOTO

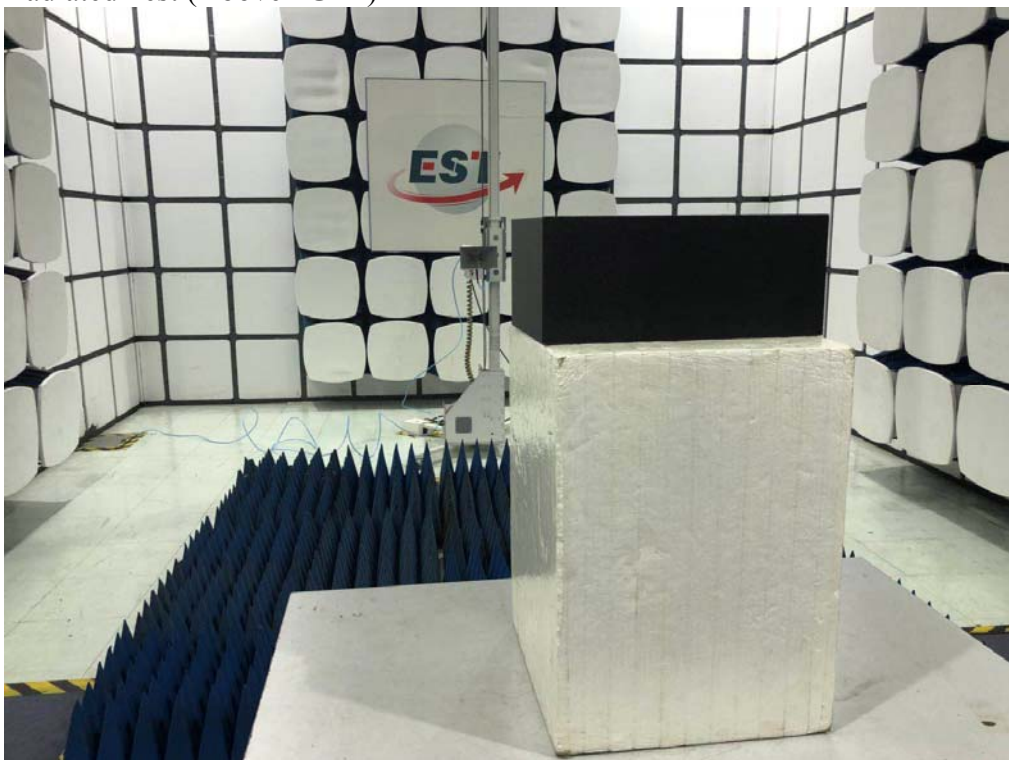
Conducted Test



Radiated Test (30-1000 MHz)



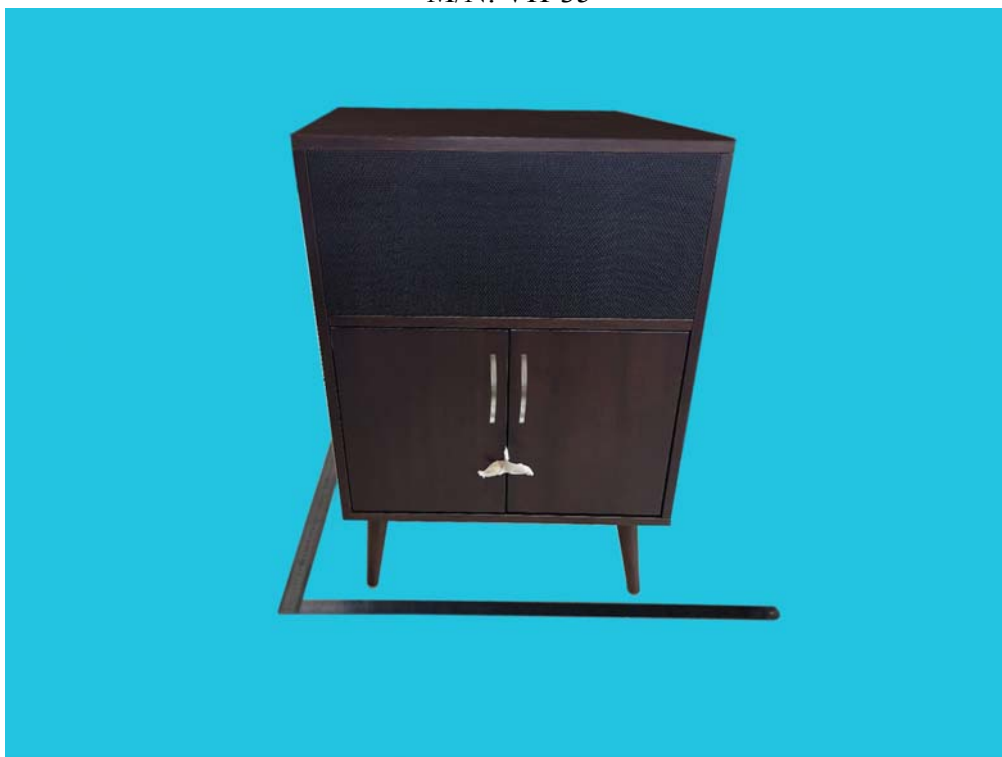
Radiated Test (Above 1GHz)



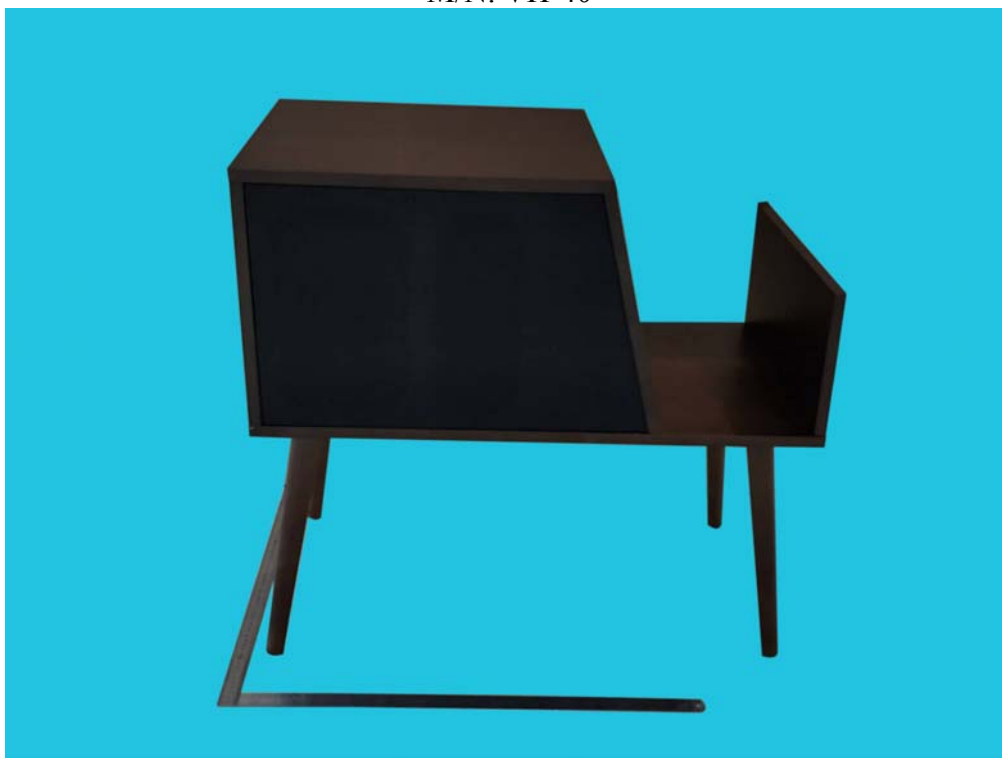
14. PHOTO EUT

External Photos

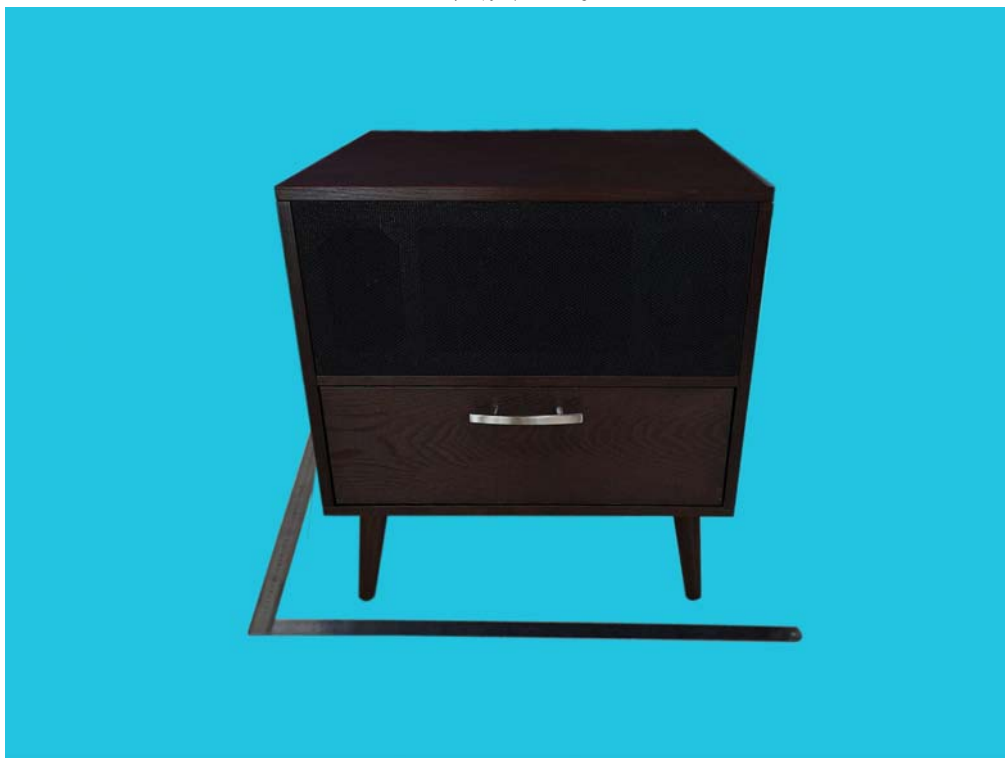
M/N: VH-35



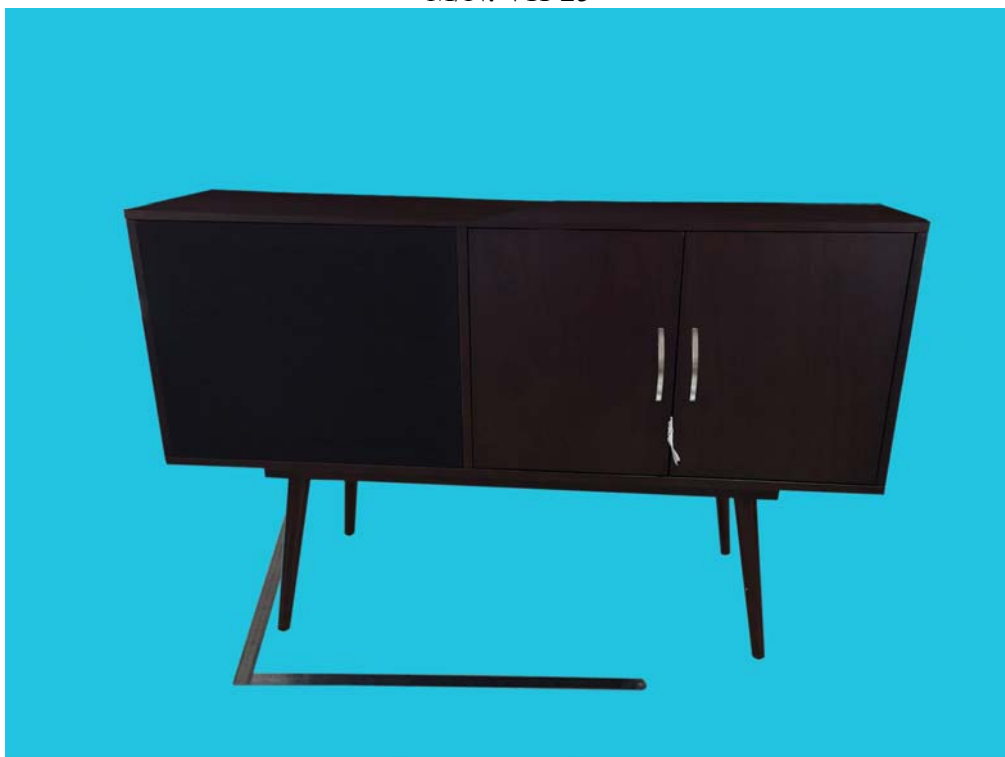
M/N: VH-40



External Photos
M/N: VH-20



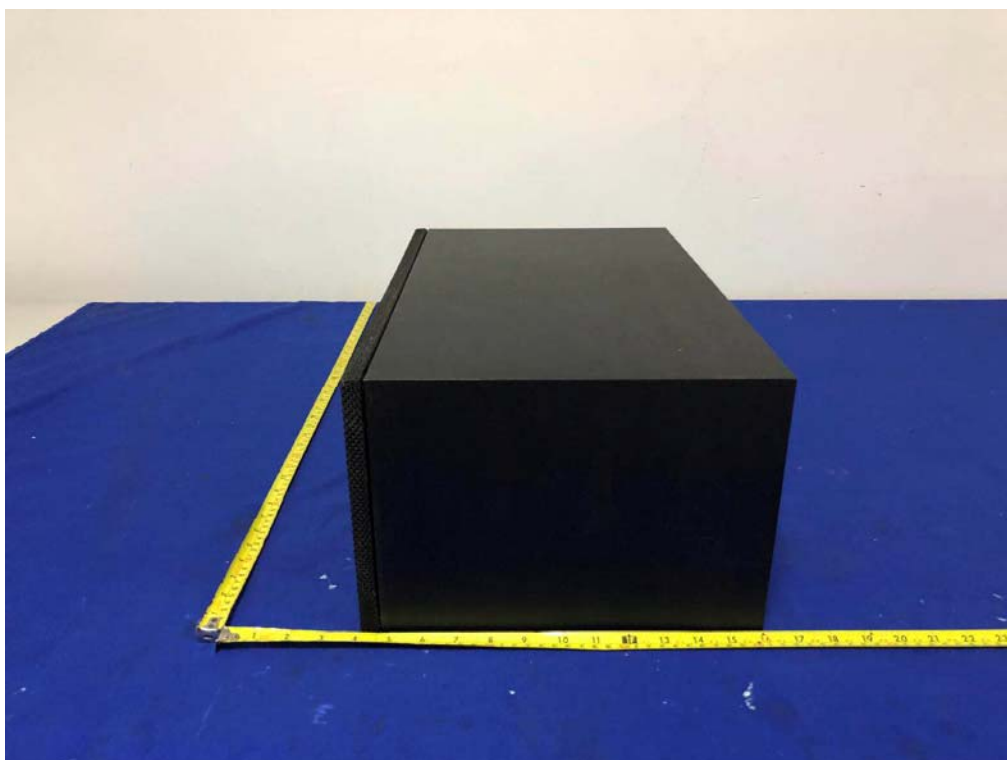
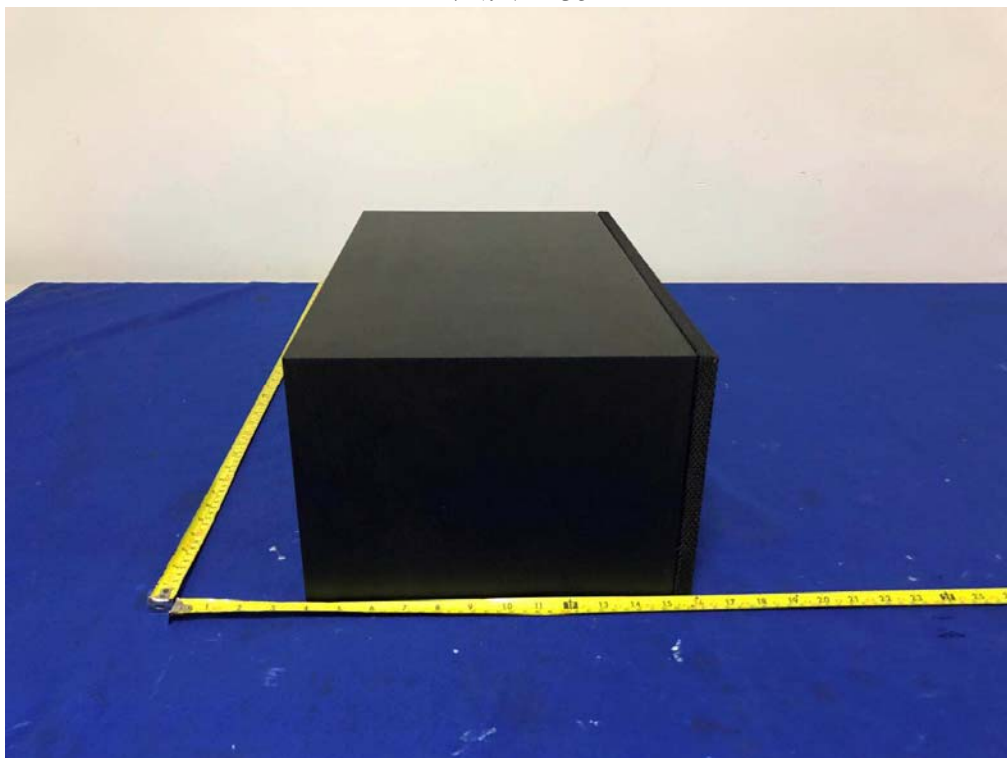
M/N: VH-25



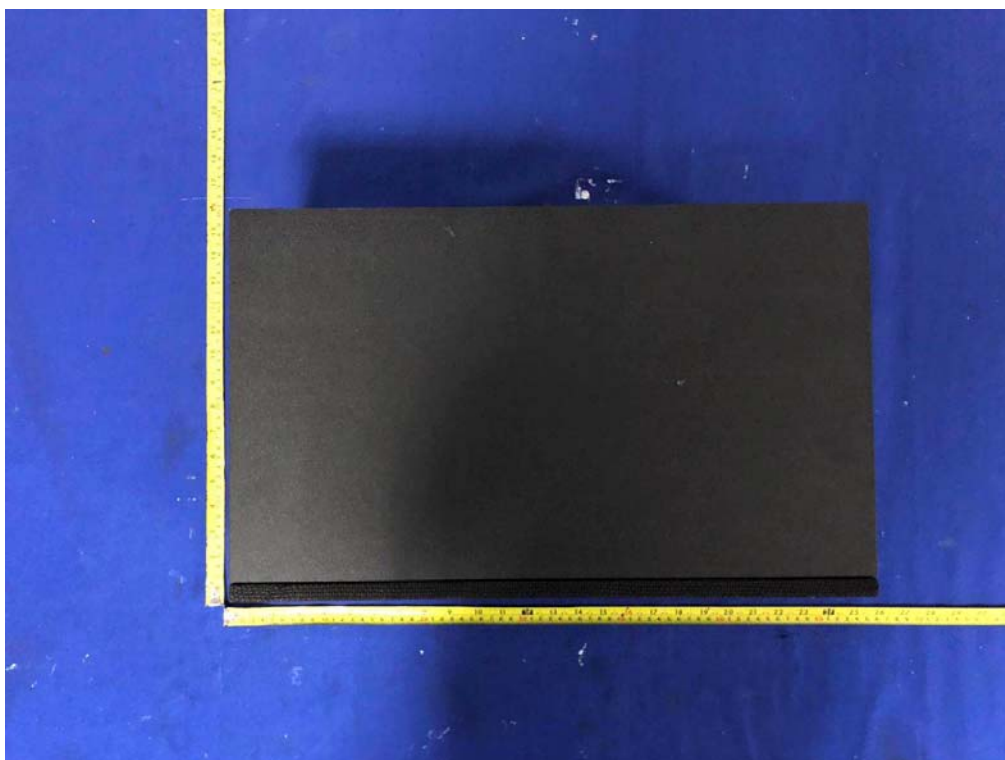
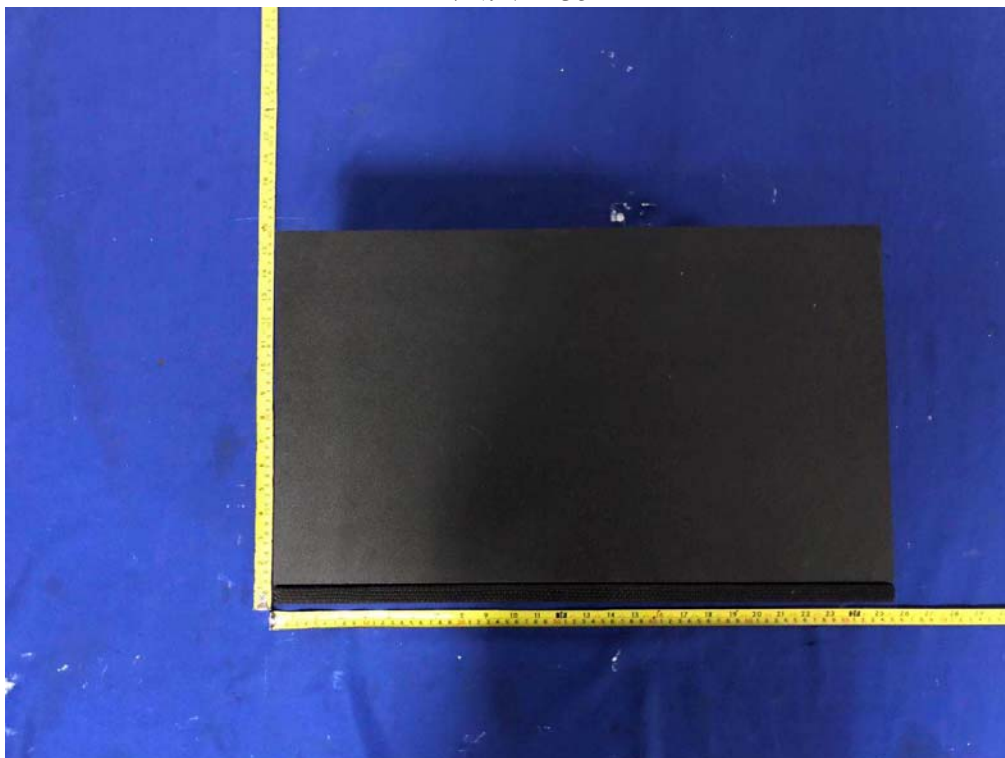
External Photos
M/N: VH-35



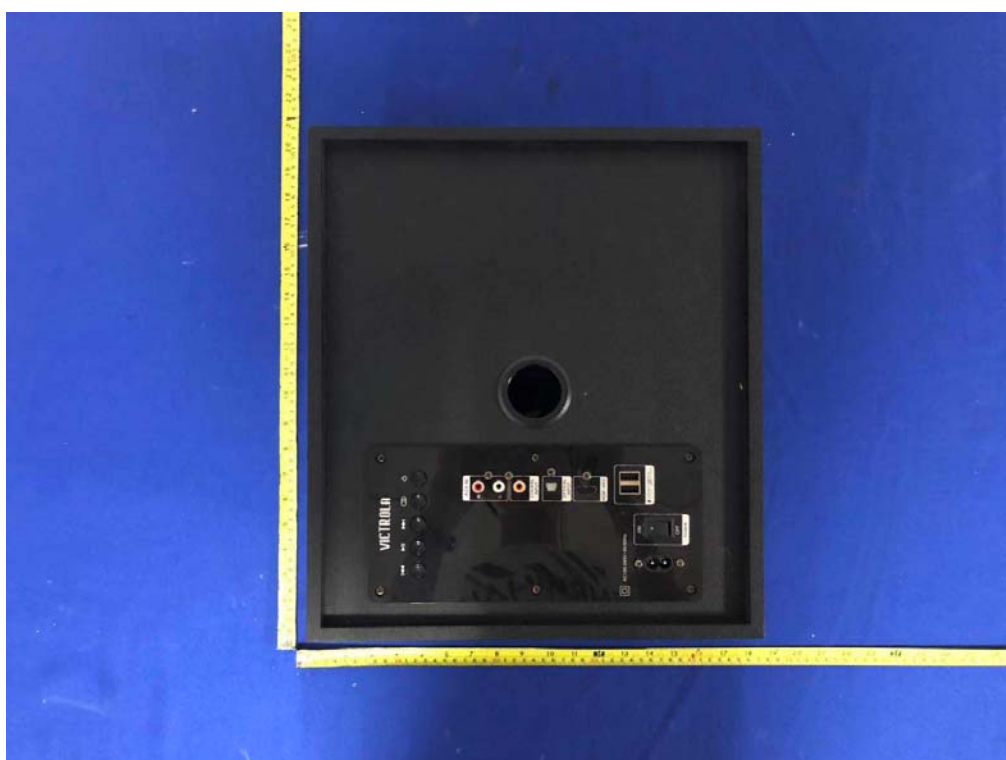
External Photos
M/N: VH-35



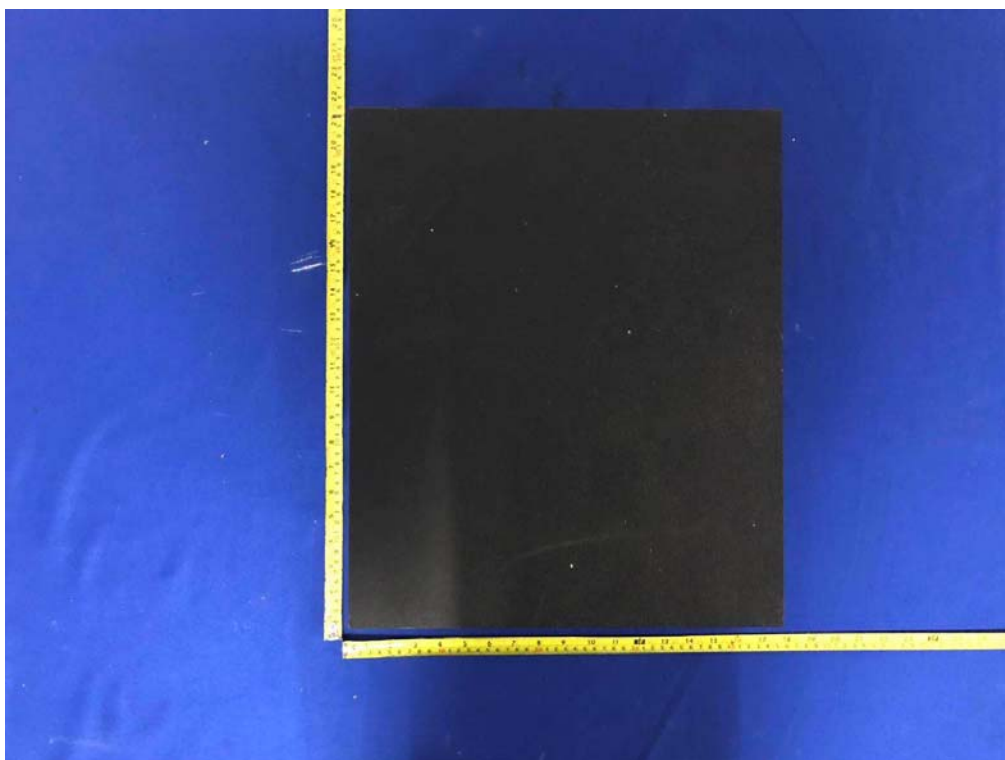
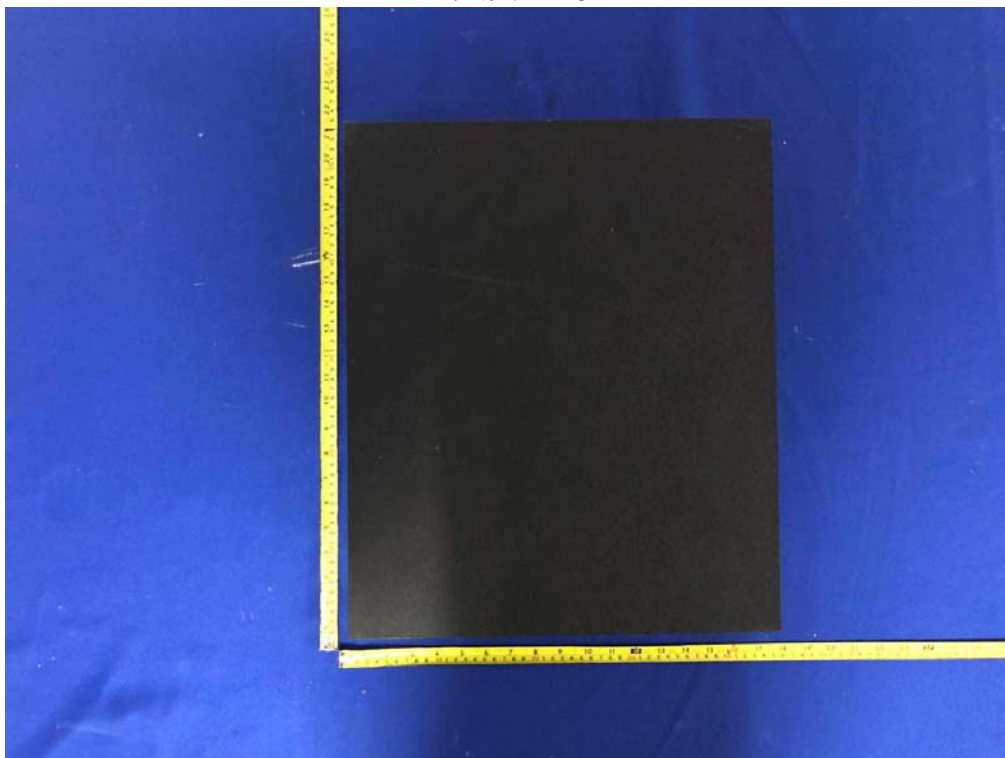
External Photos
M/N: VH-35



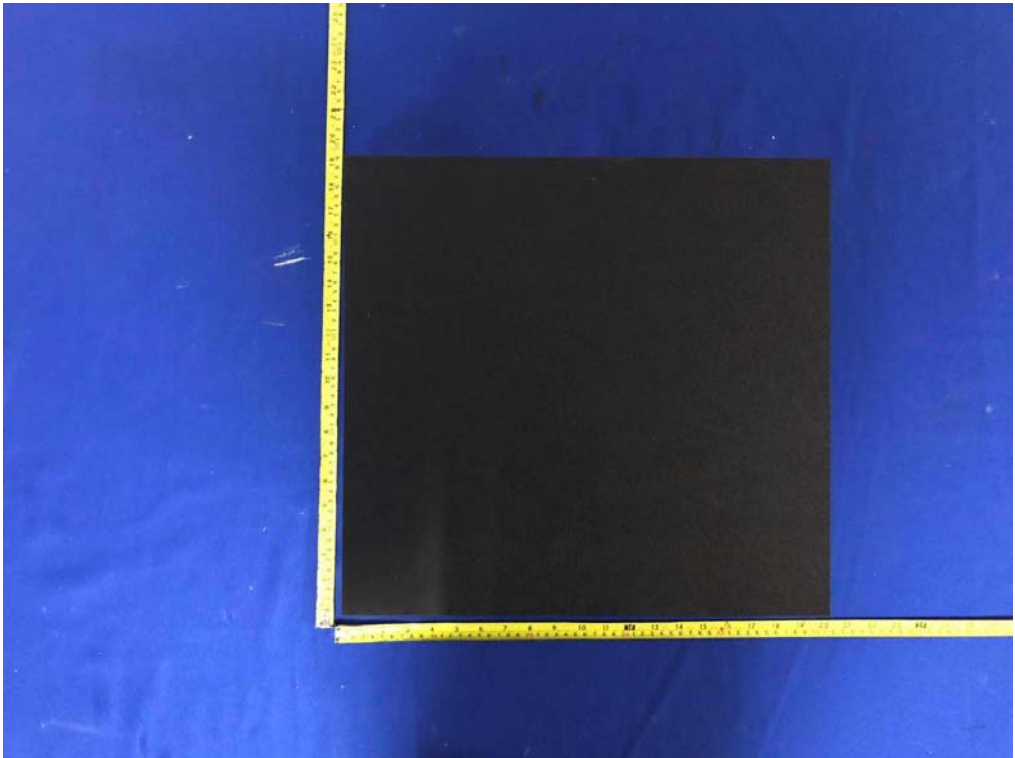
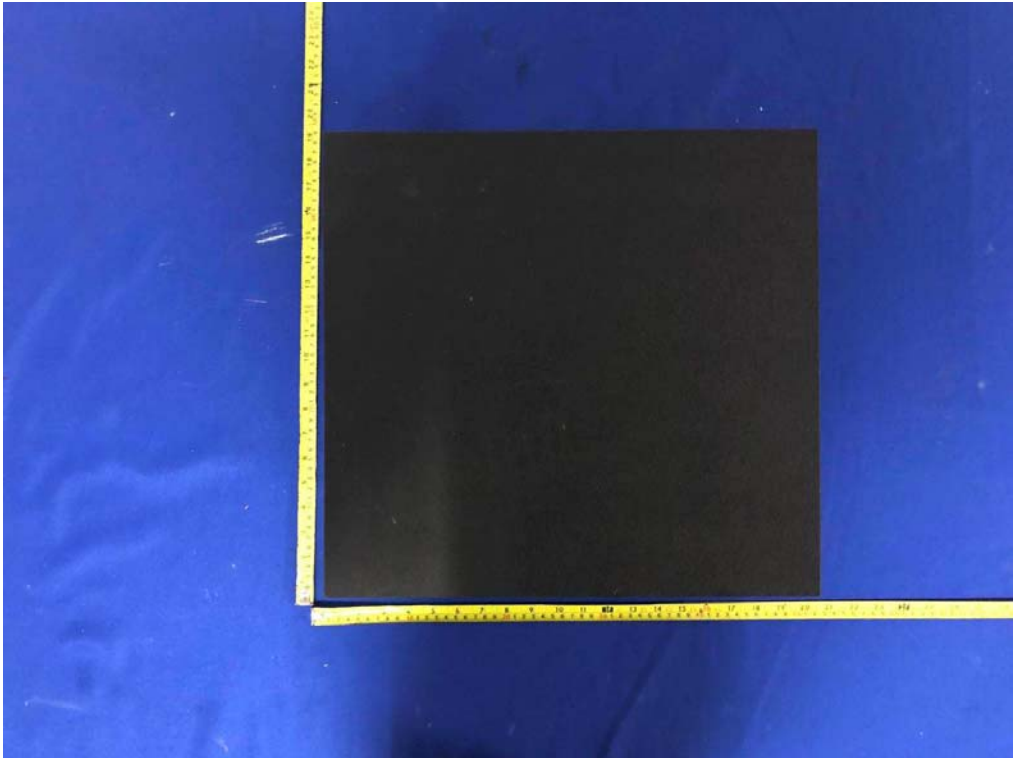
External Photos
M/N: VH-25



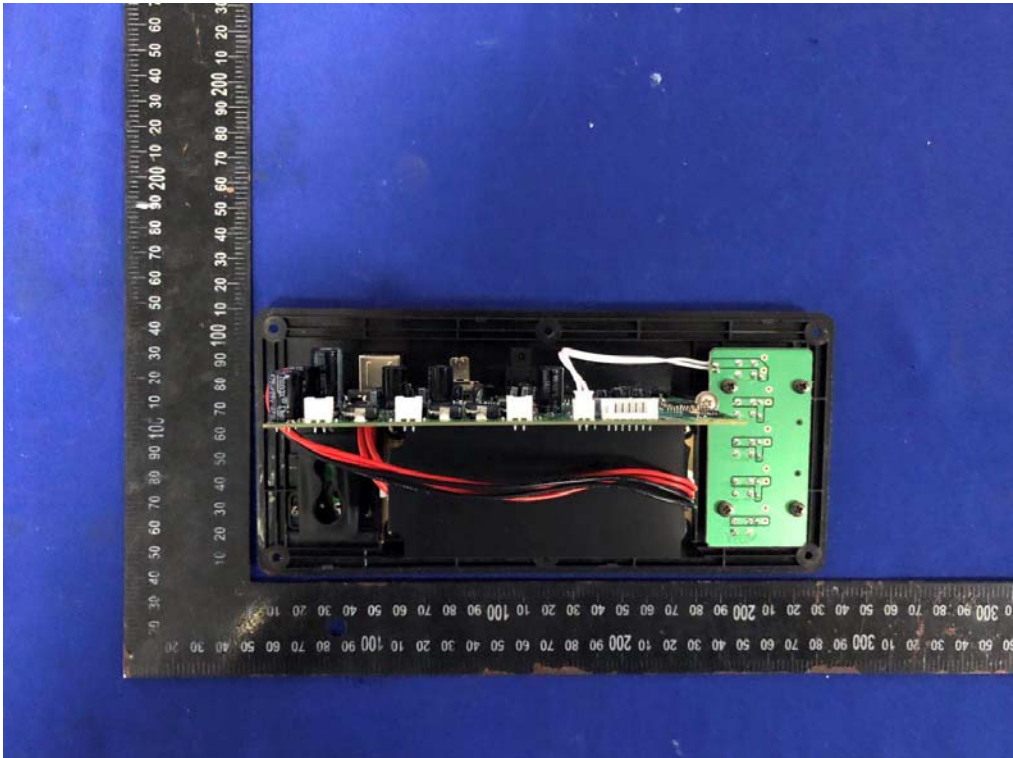
External Photos
M/N: VH-25



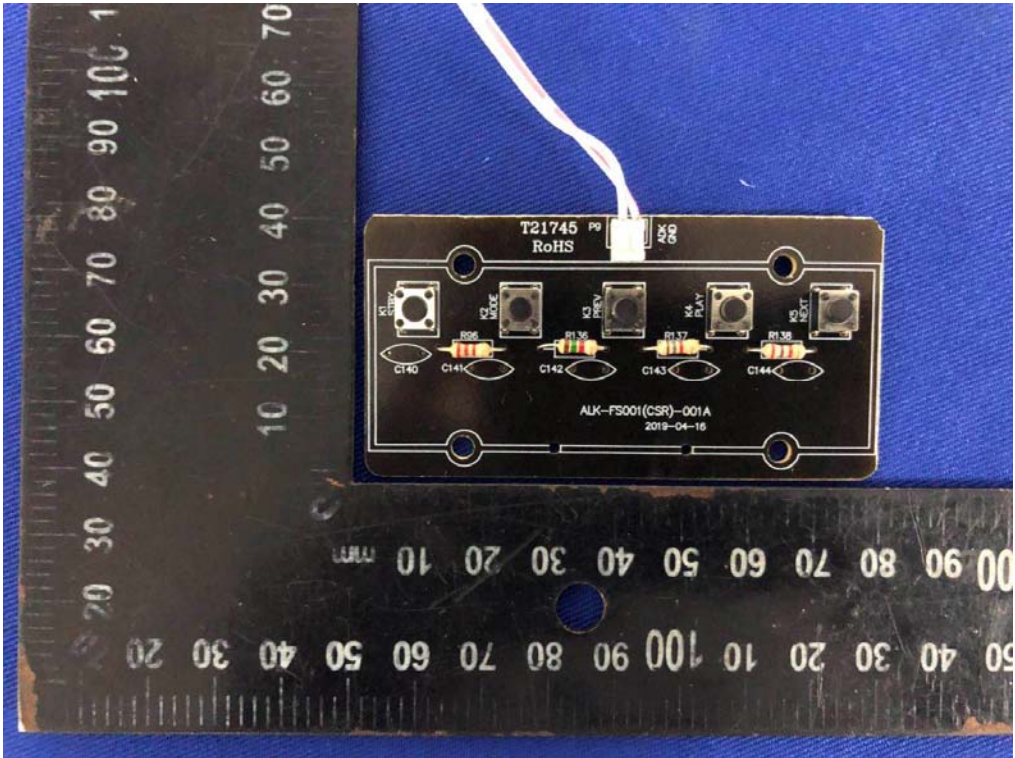
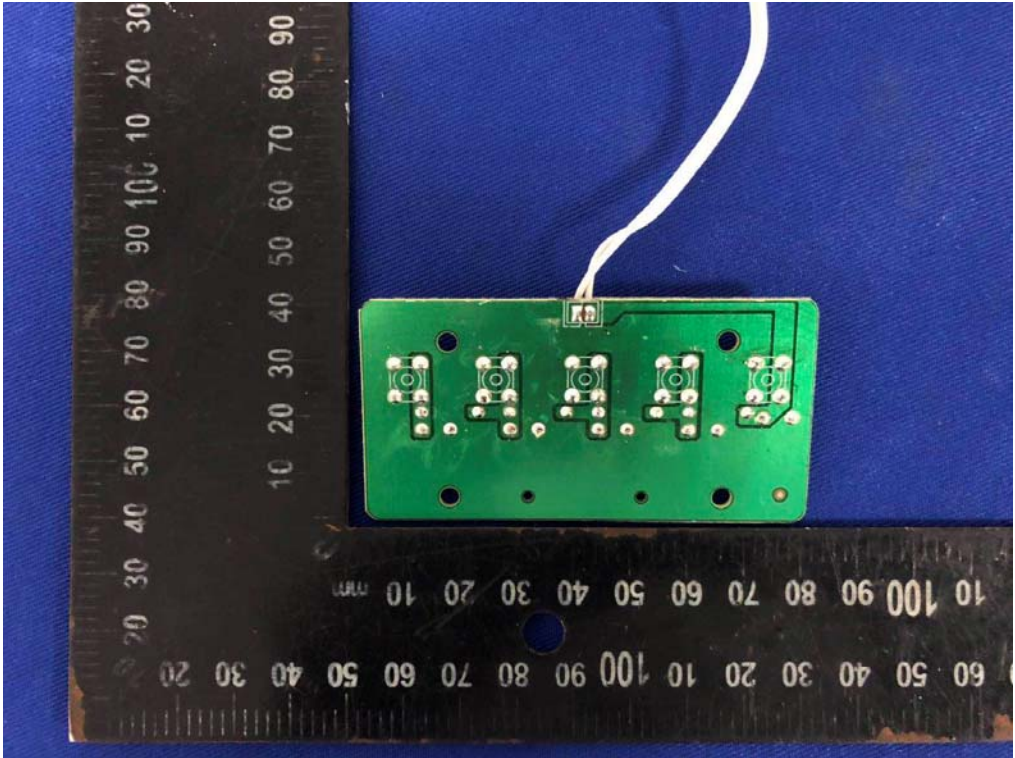
External Photos
M/N: VH-25



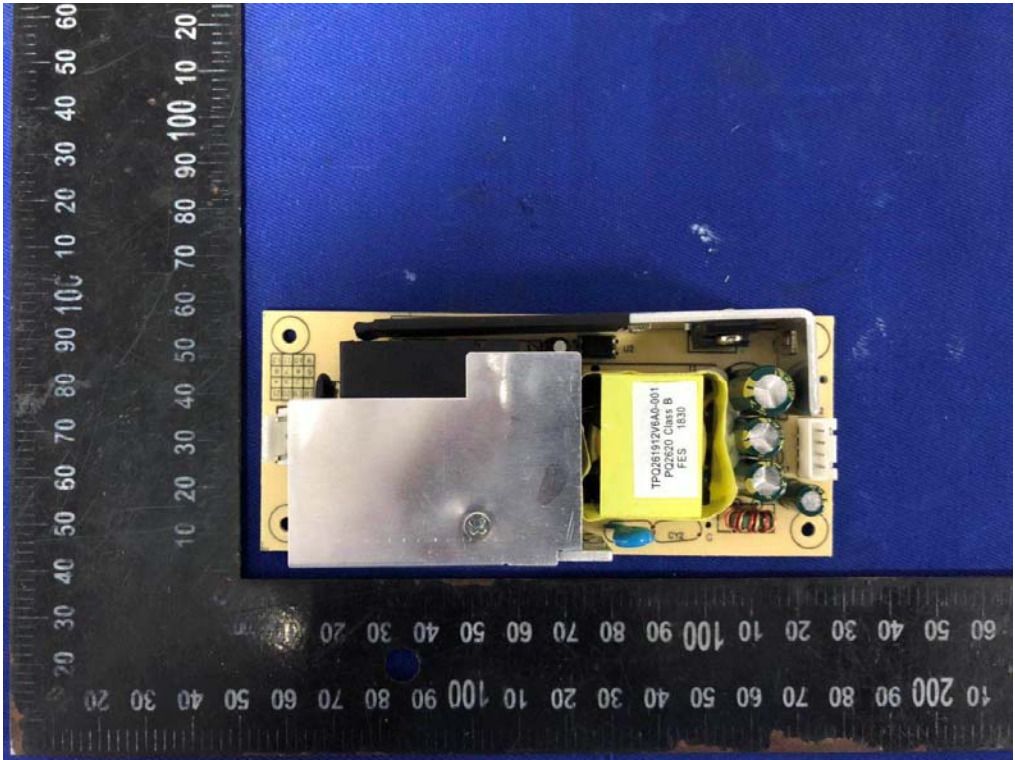
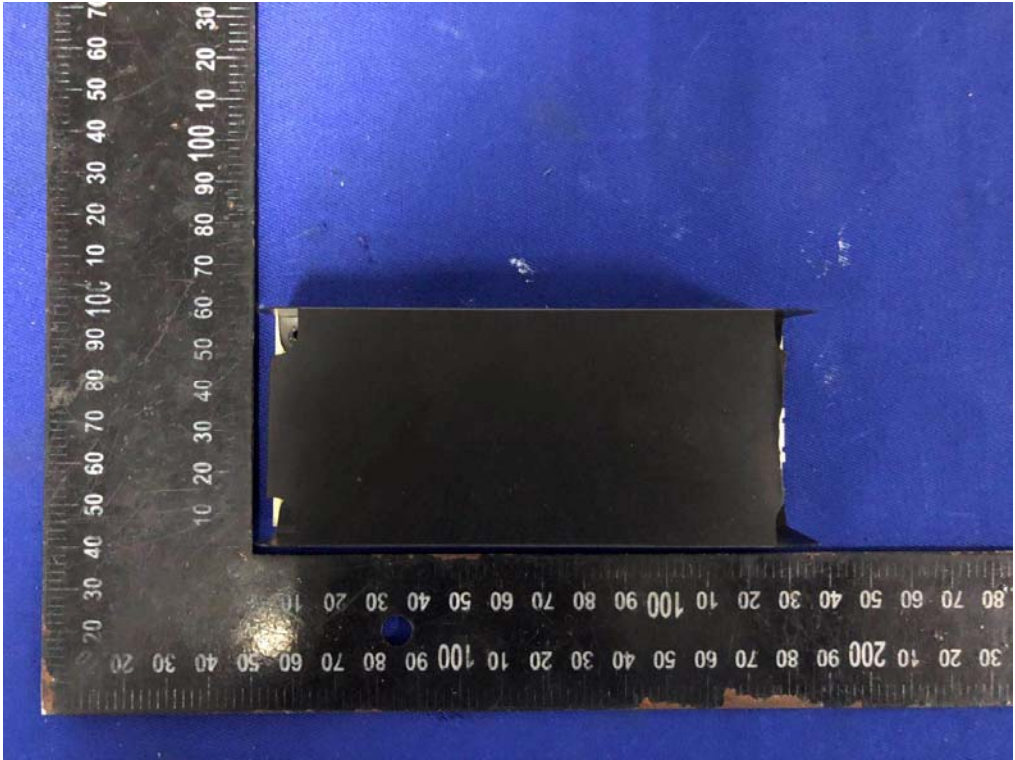
Internal Photos
M/N: VH-35



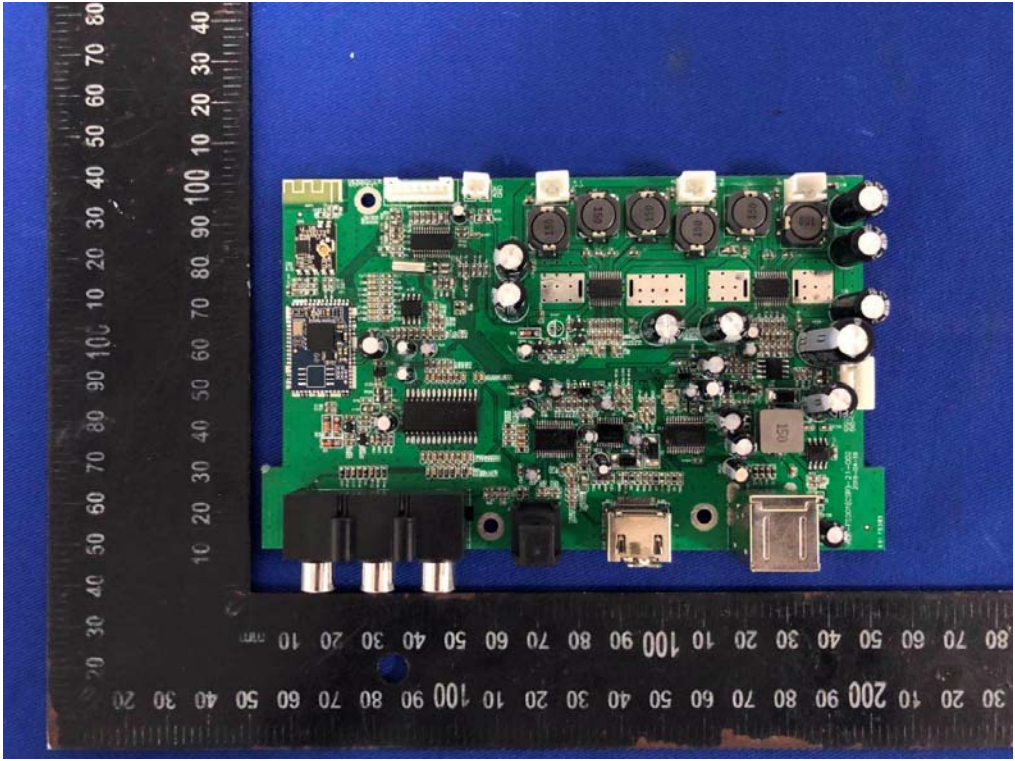
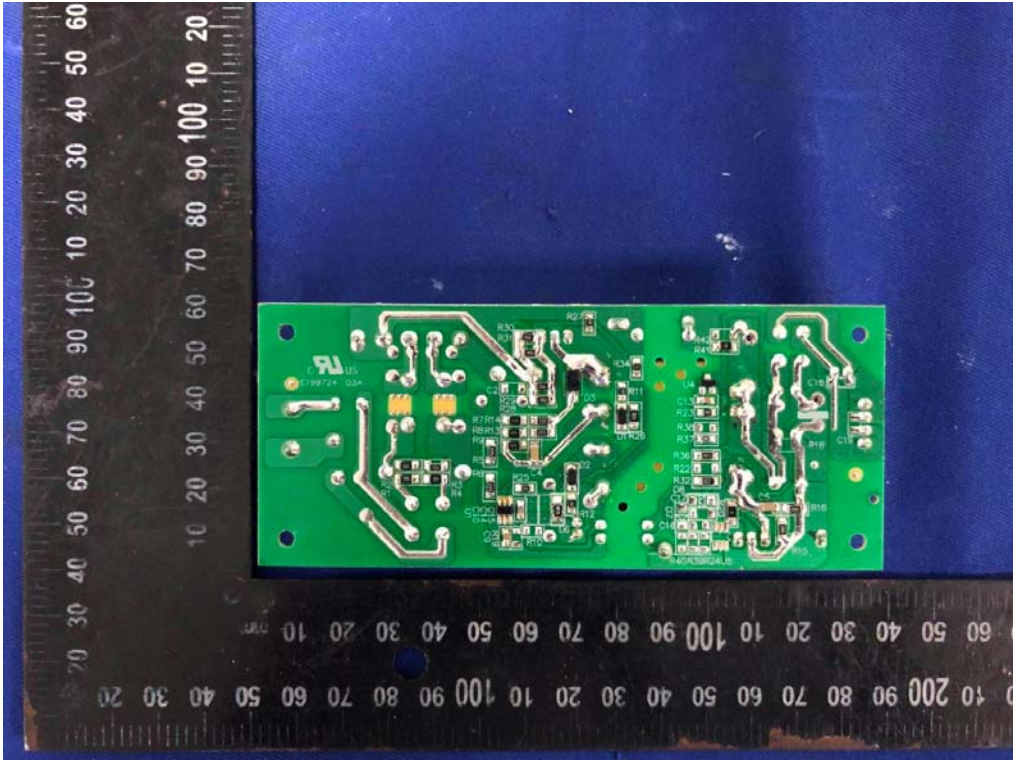
Internal Photos
M/N: VH-35



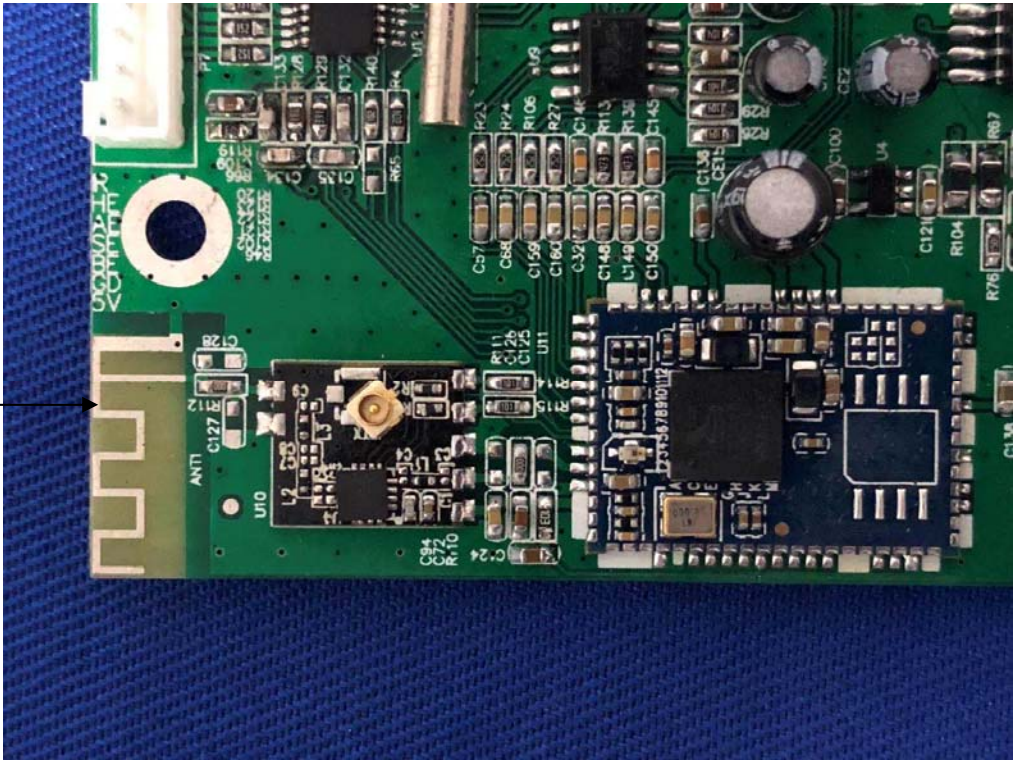
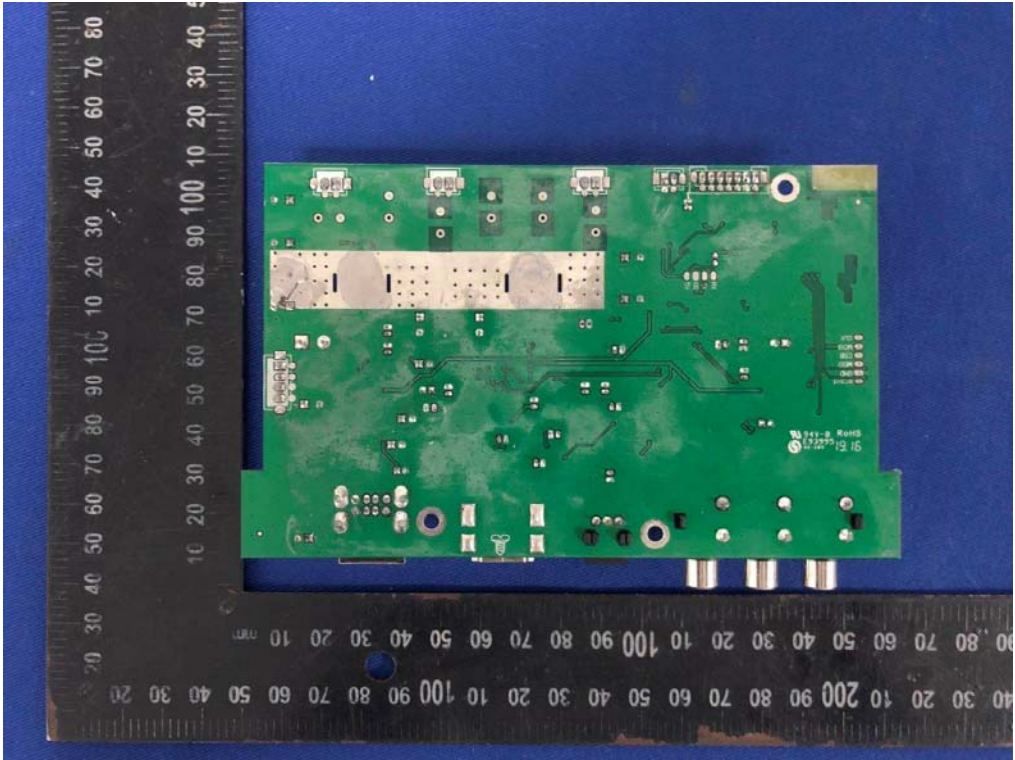
Internal Photos
M/N: VH-35



Internal Photos
M/N: VH-35



Internal Photos
M/N: VH-35



Bluetooth
Antenna