

REACH TEST REPORT

Applicant : TT TEKNOLOJİ ÜRÜNLERİ A.Ş
Address : Maslak Mah, Bilim Sok. Sun Plaza No:5A/61 Kat:23 Sarıyer/İstanbul

Report on the submitted sample said to be:

Sample name : Remote Control Plane
Model : CX035
Trade Name : Corby Drones
Manufacturer : Shantou Helicute Model Aircraft Industrial Co., Ltd.
Address : No.8th, East Jiangbei Road, Longtian, Guangyi Street, Chenghai District, Shantou City, Guangdong Province, China
Testing laboratory : Shenzhen Huaxiang Testing Co., Ltd
Address : 1st Floor, Building A1, No. 2082 Jincheng Road, Shajing Street, Bao'an District, Shenzhen City, Guangdong Province
Test address : Building B2, Junfeng Zhongcheng Intelligent Manufacturing Innovation Park, Heping Community, Fuhai Street, Bao'an District, Shenzhen City, Guangdong Province
Sample received date : Aug. 25, 2025
Testing period : Aug. 25, 2025- Aug. 29, 2025

Testing Requested:	Results
Based on the list published by European Chemicals Agency (ECHA) public consultation, regarding Regulation (EC) No. 1907/2006 concerning the REACH- 250 Substances of Very High Concern (SVHC)	Pass

Prepared by(Test Engineer):

Kevin Su

Kevin Su

Approved(Manager)

Amy Jiang

Amy Jiang

Note:

1. SVHC = Substances of Very High Concern
2. % = percentage by weight
3. N.D. = Not Detected (<Report Limit)
4. RL = Report Limit = 0.020%
5. ** According to the 5.2.1 item of the second version of ECHA “Guidance on requirements for substances in articles” , 2011, the selected test methods only show the existence of certain elements rather than the existence of substances, using additional measurements to screen for the existence and identification of substances in a sample when necessary.
6. Report Results: based on measurements in most cases will identify the chemical constituents in the sample but not necessarily “the substance” which were originally used to produce the article, professional consults, products information, testing processes, features of materials, characteristics of the SVHC and chemical analysis etc to obtain the assessments results according to the 5.2 item of the second version of ECHA “Guidance on requirements for substances in articles” , 2011.
7. Report Limit: Be obtained from the uncertainty, the 0.1 % threshold and the ECHA “Guidance on requirements for substances in articles” .
8. In accordance with Regulation (EC) No 1907/2006, any producer or importer of articles shall notify the European Chemicals Agency(ECHA), In accordance with Article 59(1) of the Regulation if:
 - the substance is present in those articles in quantities totaling over one ton per producer or importer per year;
 - the substance is present in those articles above a concentration of 0.1% weight by weight(w/w).
9. Article 33 of Regulation (EC) No 1907/2006 requires supplier of an article containing a substance meeting the criteria in Article 57 and identified in accordance with Article 59(1) in a concentration above 0.1% weight (w/w) shall provide the recipient of the article with sufficient information, available to the supplier, to allow safe use of the article including, as a minimum, the name of that substance.

Test Method:

In-House method- GZTC CHEM-TOP-092-01, GZTC CHEM-TOP-092-02, Analyzed by ICP-OES, UV-VIS, GC-MS, HPLC-DAD/MS and Colorimetric Method.

Sample Description:

Specimen No.	Description
001	Remote Control Plane

Report Results:

Code	No.	Test Item	EC No.	CAS No.	Report Limit (%)	Result
I	1	Bis(tributyltin)oxide (TBTO)**	200-268-0	56-35-9	0.1	ND
I	2	Diarsenic pentaoxide**	215-116-9	1303-28-2	0.01	ND
I	3	Diarsenic trioxide**	215-481-4	1327-53-3	0.01	ND
I	4	Triethyl arsenate**	427-700-2	15606-95-8	0.01	ND
I	5	Lead hydrogen arsenate**	232-064-2	7784-40-9	0.01	ND
I	6	Cobalt dichloride**	231-589-4	7646-79-9	0.01	ND
I	7	Sodium dichromate **	234-190-3	7789-12-0, 10588-01-9	0.01	ND
I	8	Anthracene	204-371-1	120-12-7	0.1	ND
I	9	4,4'-Diaminodiphenylmethane (MDA)	202-974-4	101-77-9	0.1	ND
I	10	Dibutyl phthalate (DBP)	201-557-4	84-74-2	0.1	ND
I	11	Benzyl butyl phthalate (BBP)	201-622-7	85-68-7	0.1	ND
I	12	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	201-329-4	81-15-2	0.1	ND
I	13	Bis (2-ethylhexyl)phthalate (DEHP)	204-211-0	117-81-7	0.1	ND
I	14	Hexabromocyclododecane(HBCDD) and all major diastereoisomers identified	247-148-4, 221-695-9	25637-99-4, 3194-55-6 (134237-50-6, 134237-51-7, 134237-52-8)	0.1	ND
I	15	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	287-476-5	85535-84-8	0.1	ND
II	16	Anthracene oil	292-602-7	90640-80-5	0.1	ND
II	17	Anthracene oil, anthracene paste, distn. lights	295-278-5	91995-17-4	0.1	ND
II	18	Anthracene oil, anthracene paste, anthracene fraction	295-275-9	91995-15-2	0.1	ND
II	19	Anthracene oil, anthracene-low	292-604-8	90640-82-7	0.1	ND
II	20	Anthracene oil, anthracene paste	292-603-2	90640-81-6	0.1	ND
II	21	Pitch, coal tar, high temp.	266-028-2	65996-93-2	0.1	ND
II	22	Acrylamide	201-173-7	79-06-1	0.1	ND
II	23	2,4-Dinitrotoluene	204-450-0	121-14-2	0.1	ND

Code	No.	Test Item	EC No.	CAS No.	Report Limit (%)	Result
II	24	Diisobutyl phthalate(DIBP)	201-553-2	84-69-5	0.1	ND
II	25	Lead chromate**	231-846-0	7758-97-6	0.01	ND
II	26	Lead chromate molybdate sulphate red (C.I. Pigment Red 104) **	235-759-9	12656-85-8	0.01	ND
II	27	Lead sulfochromate yellow (C.I.Pigment Yellow 34) **	215-693-7	1344-37-2	0.01	ND
II	28	Tris(2-chloroethyl)phosphate	204-118-5	115-96-8	0.1	ND
III	29	Trichloroethylene	201-167-4	79-01-6	0.1	ND
III	30	Boric acid**	233-139-2/ 234-343-4	10043-35-3/ 11113-50-1	0.01	ND
III	31	Disodium tetraborate, anhydrous**	215-540-4	1330-43-4/ 12179-04-3/ 1303-96-4	0.01	ND
III	32	Tetraboron disodium heptaoxide, hydrate**	235-541-3	12267-73-1	0.01	ND
III	33	Sodium chromate**	231-889-5	7775-11-3	0.01	ND
III	34	Potassium chromate**	232-140-5	7789-00-6	0.01	ND
III	35	Ammonium dichromate**	232-143-1	7789-09-5	0.01	ND
III	36	Potassium dichromate**	231-906-6	7778-50-9	0.01	ND
IV	37	Cobalt(II) sulphate**	233-334-2	10124-43-3	0.01	ND
IV	38	Cobalt(II) dinitrate**	233-402-1	10141-05-6	0.01	ND
IV	39	Cobalt(II) carbonate**	208-169-4	513-79-1	0.01	ND
IV	40	Cobalt(II) diacetate**	200-755-8	71-48-7	0.01	ND
IV	41	2-Methoxyethanol	203-713-7	109-86-4	0.1	ND
IV	42	2-Ethoxyethanol	203-804-1	110-80-5	0.1	ND
IV	43	Chromium trioxide**	215-607-8	1333-82-0	0.1	ND
IV	44	Acids generated from chromium trioxide and their oligomers	Chromic acid**	7738-94-5	0.1	ND
			Dichromic acid**	13530-68-2	0.1	ND
			Oligomers of chromic acid and dichromic acid**	--	0.1	ND
V	45	2-Ethoxyethyl acetate	203-839-2	111-15-9	0.1	ND
V	46	Strontium chromate**	232-142-6	7789-06-2	0.01	ND
V	47	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters(DHNUP)*	271-084-6	68515-42-4	0.1	ND
V	48	Hydrazine	206-114-9	7803-57-8 302-01-2	0.1	ND
V	49	1-Methyl-2-pyrrolidone	212-828-1	872-50-4	0.1	ND

Code	No.	Test Item	EC No.	CAS No.	Report Limit (%)	Result
V	50	1,2,3-Trichloropropane	202-486-1	96-18-4	0.1	ND
V	51	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters,C7-rich(DIHP)	276-158-1	71888-89-6	0.1	ND
VI	52	Dichromium tris(chromate)**	246-356-2	24613-89-6	0.01	ND
VI	53	Potassium hydroxyoctaoxodizincatedichromate**	234-329-8	11103-86-9	0.01	ND
VI	54	Pentazinc chromate octahydroxide**	256-418-0	49663-84-5	0.01	ND
VI	55	Aluminosilicate Refractory Ceramic Fibres (RCF)**	--	--	0.01	ND
VI	56	Zirconia Aluminosilicate Refractory Ceramic Fibres (Zr-RCF)**	--	--	0.01	ND
VI	57	Formaldehyde, oligomeric reaction products with aniline (technical MDA)	500-036-1	25214-70-4	0.1	ND
VI	58	Bis(2-methoxyethyl) phthalate (DMEP)	204-212-6	117-82-8	0.1	ND
VI	59	2-Methoxyaniline; o-Anisidine	201-963-1	90-04-0	0.1	ND
VI	60	4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol)	205-426-2	140-66-9	0.1	ND
VI	61	1,2-Dichloroethane	203-458-1	107-06-2	0.1	ND
VI	62	Bis(2-methoxyethyl) ether	203-924-4	111-96-6	0.1	ND
VI	63	Arsenic acid**	231-901-9	7778-39-4	0.01	ND
VI	64	Calcium arsenate**	231-904-5	7778-44-1	0.01	ND
VI	65	Trilead diarsenate**	222-979-5	3687-31-8	0.01	ND
VI	66	N,N-dimethylacetamide (DMAC)	204-826-4	127-19-5	0.1	ND
VI	67	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	202-918-9	101-14-4	0.1	ND
VI	68	Phenolphthalein	201-004-7	77-09-8	0.1	ND
VI	69	Lead diazide Lead azide **	236-542-1	13424-46-9	0.1	ND
VI	70	Lead styphnate**	239-290-0	15245-44-0	0.01	ND
VI	71	Lead dipicrate**	229-335-2	6477-64-1	0.01	ND
VII	72	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	203-977-3	112-49-2	0.1	ND
VII	73	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	203-794-9	110-71-4	0.1	ND
VII	74	Diboron trioxide**	215-125-8	1303-86-2	0.01	ND
VII	75	Formamide	200-842-0	75-12-7	0.1	ND
VII	76	Lead(II) bis(methanesulfonate) **	401-750-5	17570-76-2	0.01	ND
VII	77	TGIC(1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione)	219-514-3	2451-62-9	0.1	ND
VII	78	β-TGIC(1,3,5-tris[(2S and 2R)-2,3-epo	423-400-0	59653-74-6	0.1	ND

Code	No.	Test Item	EC No.	CAS No.	Report Limit (%)	Result
		xypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione)				
VII	79	4,4'-bis(dimethylamino) benzophenone (Michler's ketone)	202-027-5	90-94-8	0.1	ND
VII	80	N,N,N',N'-tetramethyl-4,4'-methylened ianiline (Michler's base)	202-959-2	101-61-1	0.1	ND
VII	81	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3)	208-953-6	548-62-9	0.1	ND
VII	82	[4-[[4-anilino-1-naphthyl][4-(dimethyla mino)phenyl]methylene]cyclohexa-2,5 -dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26)	219-943-6	2580-56-5	0.1	ND
VII	83	α,α -Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methan ol (C.I. Solvent Blue 4)	229-851-8	6786-83-0	0.1	ND
VII	84	4,4'-bis(dimethylamino)-4''-(methylami no)trityl alcohol	209-218-2	561-41-1	0.1	ND
VIII	85	Bis(pentabromophenyl) ether (DecaBDE)	214-604-9	1163-19-5	0.1	ND
VIII	86	Pentacosafuorotridecanoic acid	276-745-2	72629-94-8	0.1	ND
VIII	87	Tricosafuorododecanoic acid	206-203-2	307-55-1	0.1	ND
VIII	88	Henicosafuoroundecanoic acid	218-165-4	2058-94-8	0.1	ND
VIII	89	Heptacosafuorotetradecanoic acid	206-803-4	376-06-7	0.1	ND
VIII	90	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated - covering well-defined substances and UVCB substances, polymers and homologues	--	--	0.1	ND
VIII	91	*4-Nonylphenol, branched and linear - substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof	--	--	0.1	ND
VIII	92	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	204-650-8	123-77-3	0.1	ND
VIII	93	Cyclohexane-1,2-dicarboxylic anhydride (Hexahydrophthalic	201-604-9	85-42-7	0.1	ND

Code	No.	Test Item	EC No.	CAS No.	Report Limit (%)	Result
		anhydride - HHPA)				
VIII	94	Hexahydromethyl phthalicanhydride, Hexahydro-4-methylphthalicanhydride, Hexahydro-1-methylphthalicanhydride, Hexahydro-3-methylphthalic anhydride	25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9	247-094-1, 243-072-0, 256-356-4, 260-566-1	0.1	ND
VIII	95	Methoxy acetic acid	210-894-6	625-45-6	0.1	ND
VIII	96	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	284-032-2	84777-06-0	0.1	ND
VIII	97	Diisopentylphthalate (DIPP)	210-088-4	605-50-5	0.1	ND
VIII	98	N-pentyl-isopentylphthalate	--	776297-69-9	0.1	ND
VIII	99	1,2-Diethoxyethane	211-076-1	629-14-1	0.1	ND
VIII	100	N,N-dimethylformamide; dimethyl formamide	200-679-5	68-12-2	0.1	ND
VIII	101	Dibutyltin dichloride (DBT)	211-670-0	683-18-1	0.1	ND
VIII	102	Acetic acid, lead salt, basic	257-175-3	51404-69-4	0.01	ND
VIII	103	Basic lead carbonate (trilead bis(carbonate)dihydroxide)	215-290-6	1319-46-6	0.01	ND
VIII	104	Lead oxide sulfate (basic lead sulfate)	234-853-7	12036-76-9	0.01	ND
VIII	105	[Phthalato(2-)]dioxotrilead (dibasic lead phthalate)	273-688-5	69011-06-9	0.01	ND
VIII	106	Dioxobis(stearato)trilead	235-702-8	12578-12-0	0.01	ND
VIII	107	Fatty acids, C16-18, lead salts	292-966-7	91031-62-8	0.01	ND
VIII	108	Lead bis(tetrafluoroborate)	237-486-0	13814-96-5	0.01	ND
VIII	109	Lead cyanamidate	244-073-9	20837-86-9	0.01	ND
VIII	110	Lead dinitrate	233-245-9	10099-74-8	0.01	ND
VIII	111	Lead oxide (lead monoxide)	215-267-0	1317-36-8	0.01	ND
VIII	112	Lead tetroxide (orange lead)	215-235-6	1314-41-6	0.01	ND
VIII	113	Lead titanium trioxide	235-038-9	12060-00-3	0.01	ND
VIII	114	Lead Titanium Zirconium Oxide	235-727-4	12626-81-2	0.01	ND
VIII	115	Pentalead tetraoxide sulphate	235-067-7	12065-90-6	0.01	ND
VIII	116	Pyrochlore, antimony lead yellow	232-382-1	8012-00-8	0.01	ND
VIII	117	Silicic acid, barium salt, lead-doped	272-271-5	68784-75-8	0.01	ND
VIII	118	Silicic acid, lead salt	234-363-3	11120-22-2	0.01	ND
VIII	119	Sulfurous acid, lead salt, dibasic	263-467-1	62229-08-7	0.1	ND
VIII	120	Tetraethyllead	201-075-4	78-00-2	0.01	ND
VIII	121	Tetralead trioxide sulphate	235-380-9	12202-17-4	0.01	ND
VIII	122	Trilead dioxide phosphonate	235-252-2	12141-20-7	0.01	ND
VIII	123	Furan	203-727-3	110-00-9	0.1	ND

Code	No.	Test Item	EC No.	CAS No.	Report Limit (%)	Result
VIII	124	Propylene oxide; 1,2-epoxypropane; methyloxirane	200-879-2	75-56-9	0.1	ND
VIII	125	Diethyl sulphate	200-589-6	64-67-5	0.1	ND
VIII	126	Dimethyl sulphate	201-058-1	77-78-1	0.1	ND
VIII	127	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	421-150-7	143860-04-2	0.1	ND
VIII	128	Dinoseb	201-861-7	88-85-7	0.1	ND
VIII	129	4,4'-methylenedi-o-toluidine	212-658-8	838-88-0	0.1	ND
VIII	130	4,4'-oxydianiline and its salts	202-977-0	101-80-4	0.1	ND
VIII	131	4-Aminoazobenzene; 4-Phenylazoaniline	200-453-6	60-09-3	0.1	ND
VIII	132	4-methyl-m-phenylenediamine (2,4-toluene-diamine)	202-453-1	95-80-7	0.1	ND
VIII	133	6-methoxy-m-toluidine (p-cresidine)	204-419-1	120-71-8	0.1	ND
VIII	134	Biphenyl-4-ylamine	202-177-1	92-67-1	0.1	ND
VIII	135	o-aminoazotoluene	202-591-2	97-56-3	0.1	ND
VIII	136	o-Toluidine; 2-Aminotoluene	202-429-0	95-53-4	0.1	ND
VIII	137	N-methylacetamide	201-182-6	79-16-3	0.1	ND
VIII	138	1-bromopropane; n-propyl bromide	203-445-0	106-94-5	0.1	ND
IX	139	Cadmium	231-152-8	7440-43-9	0.01	ND
IX	140	Cadmium oxide	215-146-2	1306-19-0	0.01	ND
IX	141	Dipentyl phthalate (DPP)	205-017-9	131-18-0	0.1	ND
IX	142	4-Nonylphenol, branched and linear, ethoxylated[substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	--	--	0.1	ND
IX	143	Ammonium pentadecafluorooctanoate (APFO)	223-320-4	3825-26-1	0.1	ND
IX	144	Pentadecafluorooctanoic acid (PFOA)	206-397-9	335-67-1	0.1	ND
X	145	Cadmium sulfide**	215-147-8	1306-23-6	0.01	ND
X	146	Dihexyl phthalate	201-559-5	84-75-3	0.1	ND
X	147	CI Direct red 28	209-358-4	573-58-0	0.1	ND
X	148	CI Direct black 38	217-710-3	1937-37-7	0.1	ND
X	149	2-imidazoline-2-thiol	202-506-9	96-45-7	0.1	ND

Code	No.	Test Item	EC No.	CAS No.	Report Limit (%)	Result
X	150	Lead di(acetate) **	206-104-4	301-04-2	0.01	ND
X	151	Trixylyl phosphate	246-677-8	25155-23-1	0.1	ND
XI	152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	271-093-5	68515-50-4	0.1	ND
XI	153	Cadmium chloride**	233-296-7	10108-64-2	0.01	ND
XI	154	Sodium perborate; perboric acid, sodium salt**	239-172-9 234-390-0	--	0.01	ND
XI	155	Sodium peroxometaborate**	239-172-9	7632-04-4	0.01	ND
XII	156	Cadmium fluoride**	232-222-0	7790-79-6	0.01	ND
XII	157	Cadmium sulphate**	233-331-6	10124-36-4, 31119-53-6	0.01	ND
XII	158	2-(2'-Hydroxy-3',5'-di-tert-butylphenyl) benzotriazole (UV-320)	223-346-6	3846-71-7	0.1	ND
XII	159	2-(2H-benzotriazol-2-yl)-4,6-ditertpent ylphenol (UV-328)	247-384-8	25973-55-1	0.1	ND
XII	160	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3, 5-dithia-4-stannatetradecanoate; DOTE	239-622-4	15571-58-1	0.1	ND
XII	161	Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-d ithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-ox oethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-di thia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	--	--	0.1	ND
XIII	162	1,2-benzenedicarboxylic acid,di-C6-10-alkyl esters	271-094-0 272-013-1	68515-51-5 68648-93-1	0.1	ND
XIII	163	5-sec-butyl-2-(2,4-dimethylcyclohex-3 -en-1-yl)-5-methyl-1,3-dioxane[1],5-se c-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-q,3-dioxane[2] [covering any of the individual isomers off[1]and[2]or any combination thereof]	--	--	0.1	ND
XIV	164	Nitrobenzene	202-716-0	98-95-3	0.1	ND
XIV	165	2,4-di-tert-butyl-6-(5-chlorobenzotriaz ol-2-yl)phenol (UV-327)	223-383-8	3864-99-1	0.1	ND
XIV	166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)- 6-(sec-butyl)phenol (UV-350)	253-037-1	36437-37-3	0.1	ND
XIV	167	1,3-propanesultone	214-317-9	1120-71-4	0.1	ND

Code	No.	Test Item	EC No.	CAS No.	Report Limit (%)	Result
XIV	168	Perfluorononan-1-oic-acid and its sodium and ammonium salts	206-801-3	375-95-1 21049-39-8 4149-60-4	0.1	ND
XV	169	Benzo(a)pyrene	200-028-5	50-32-8	0.1	ND
XVI	170	4,4'-isopropylidenediphenol (bisphenol A)	201-245-8	80-05-7	0.1	ND
XVI	171	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	206-400-3 - 221-470-5	335-76-2 3830-45-3 3108-42-7	0.1	ND
XVI	172	p-(1,1-dimethylpropyl)phenol	201-280-9	80-46-6	0.1	ND
XVI	173	4-heptylphenol, branched and linear (4-HPbl)	--	--	0.1	ND
XVII	174	Perfluorohexane-1-sulphonic acid and its salts (PFHxS)	--	--	0.1	ND
XVIII	175	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16.9.02.13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	--	--	0.1	ND
XVIII	176	Benz[a]anthracene	200-280-6	56-55-3, 1718-53-2	0.1	ND
XVIII	177	Cadmium nitrate**	233-710-6	10022-68-1, 10325-94-7	0.01	ND
XVIII	178	Cadmium carbonate**	208-168-9	513-78-0	0.01	ND
XVIII	179	Cadmium hydroxide**	244-168-5	21041-95-2	0.01	ND
XVIII	180	Chrysene	205-923-4	218-01-9, 1719-03-5	0.1	ND
XVIII	181	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) [with ≥0.1% w/w 4-heptylphenol, branched and linear]	--	--	0.1	ND
XIX	182	Octamethylcyclotetrasiloxane (D4)	209-136-7	556-67-2	0.1	ND
XIX	183	Decamethylcyclopentasiloxane (D5)	208-764-9	541-02-6	0.1	ND
XIX	184	Dodecamethylcyclohexasiloxane (D6)	208-762-8	540-97-6	0.1	ND
XIX	185	Lead**	231-100-4	7439-92-1	0.01	ND
XIX	186	Disodium octaborate**	234-541-0	12008-41-2	0.01	ND
XIX	187	Benzo[ghi]perylene	205-883-8	191-24-2	0.1	ND
XIX	188	Terphenyl hydrogenated	262-967-7	61788-32-7	0.1	ND
XIX	189	Ethylenediamine (EDA)	203-468-6	107-15-3	0.1	ND

Code	No.	Test Item	EC No.	CAS No.	Report Limit (%)	Result
XIX	190	Trimellitic anhydride (TMA)	209-008-0	552-30-7	0.1	ND
XIX	191	Dicyclohexyl phthalate (DCHP)	201-545-9	84-61-7	0.1	ND
XX	192	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	401-720-1	6807-17-6	0.1	ND
XX	193	Benzo[[k]fluoranthene(BkF)	205-916-6	207-08-9	0.1	ND
XX	194	Fluoranthene(FLT)	205-912-4	206-44-0	0.1	ND
XX	195	Phenanthrene(PHE)	201-581-5	85-01-8	0.1	ND
XX	196	Pyrene(PYR)	204-927-3	129-00-0	0.1	ND
XX	197	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one (3-benzylidene camphor)	239-139-9	15087-24-8	0.1	ND
XXI	198	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof)	--	--	0.1	ND
XXI	199	2-methoxyethyl acetate	203-772-9	110-49-6	0.1	ND
XXI	200	4-tert-butylphenol	202-679-0	98-54-4	0.1	ND
XXI	201	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	--	--	0.1	ND
XXII	202	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	404-360-3	119313-12-1	0.1	ND
XXII	203	2-methyl-1- (4-methylthiophenyl)-2-morpholinopropan-1-one	400-600-6	71868-10-5	0.1	ND
XXII	204	Diisohexyl phthalate	276-090-2	71850-09-4	0.1	ND
XXII	205	Perfluorobutane sulfonic acid (PFBS) and its salts	--	--	0.1	ND
XXIII	206	1-vinylimidazole	214-012-0	1072-63-5	0.1	ND
XXIII	207	2-methylimidazole	211-765-7	693-98-1	0.1	ND
XXIII	208	Dibutylbis(pentane-2,4-dionato-O,O')tin	245-152-0	22673-19-4	0.1	ND
XXIII	209	Butyl 4-hydroxybenzoate	202-318-7	94-26-8	0.1	ND
XXIV	210	Bis(2-(2-methoxyethoxy)ethyl) ether	205-594-7	143-24-8	0.1	ND
XXIV	211	Dioctyltin dilaurate, stannane, dioctyl-, bis(coco acyloxy) derivs., and any other stannane, dioctyl-, bis(fatty acyloxy) derivs. wherein C12 is the predominant carbon number of the fatty acyloxy moiety	--	--	0.1	ND

Code	No.	Test Item	EC No.	CAS No.	Report Limit (%)	Result
XXV	212	Phenol, alkylation products (mainly in para position) with C12-rich branched or linear alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP)	--	--	0.1	ND
XXV	213	Orthoboric acid, sodium salt	237-560-2	13840-5-67	0.005	ND
XXV	214	Medium-chain chlorinated paraffins (MCCP) [UVCB substances consisting of more than or equal to 80% linear chloroalkanes with carbon chain lengths within the range from C14 to C17]	--	--	0.1	ND
XXV	215	Glutaral	203-856-5	111-30-8	0.1	ND
XXV	216	4,4'-(1-methylpropylidene) bisphenol (bisphenol B)	201-025-1	77-40-7	0.1	ND
XXV	217	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers	--	--	0.1	ND
XXV	218	2,2-bis(bromomethyl)propane 1,3-diol (BMP) 2,2-dimethylpropan-1-ol, tribromo derivative/3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA) 2,3-dibromo-1-propanol (2,3-DBPA)	--	--	0.1	ND
XXV	219	1,4-dioxane	204-661-8	123-91-1	0.1	ND
XXVI	220	(±)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one covering any of the individual isomers and/or combinations thereof (4-MBC)	--	--	0.1	ND
XXVI	221	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol (DBMC)	204-327-1	119-47-1	0.1	ND
XXVI	222	S-(tricyclo[5.2.1.0 ^{2,6}]deca-3-en-8(or 9)-yl) O-(isopropyl or isobutyl or 2-ethylhexyl) O-(isopropyl or isobutyl or 2-ethylhexyl) phosphorodithioate	401-850-9	255881-94-8	0.1	ND
XXVI	223	tris(2-methoxyethoxy)vinylsilane	213-934-0	1067-53-4	0.1	ND
XXVII	224	N-(hydroxymethyl)acrylamide	213-103-2	924-42-5	0.1	ND
XXVIII	225	1,1'-[ethane-1,2-diylbis(oxy)]bis[2,4,6-tribromobenzene]	253-692-3	37853-59-1	0.1	ND
XXVIII	226	2,2,6,6'-tetrabromo-4,4-isopropylidenediphenol	201-236-9	79-94-7	0.1	ND
XXVIII	227	4,4-sulphonyldiphenol	201-250-5	80-09-1	0.1	ND
XXVIII	228	Barium diboron tetraoxide	237-222-4	13701-59-2	0.005	ND

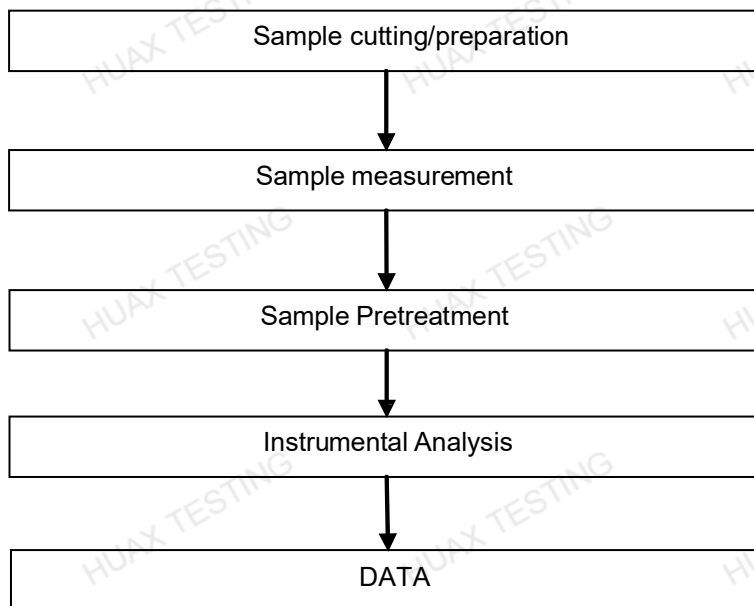
Code	No.	Test Item	EC No.	CAS No.	Report Limit (%)	Result
XXVIII	229	Bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof	--	--	0.1	ND
XXVIII	230	Isobutyl 4-hydroxybenzoate	224-208-8	4247-02-3	0.05	ND
XXVIII	231	Melamine	203-615-4	108-78-1	0.1	ND
XXVIII	232	Perfluoroheptanoic acid and its salts	--	--	0.1	ND
XXVIII	233	reaction mass of 2,2,3,3,5,5,6,6-octafluoro-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)morpholine and 2,2,3,3,5,5,6,6-Octafluoro-4-(heptafluoropropyl)morpholine	473-390-7	--	0.1	ND
XXIX	234	Bis(4-chlorophenyl)sulphone	201-247-9	80-07-9	0.1	ND
XXIX	235	Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	278-355-8	75980-60-8	0.1	ND
XXX	236	2,4,6-tri-tert-butylphenol	211-989-5	732-26-3	0.1	ND
XXX	237	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol	221-573-5	3147-75-9	0.1	ND
XXX	238	2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one	438-340-0	119344-86-4	0.1	ND
XXX	239	Bumetrizole	223-445-4	3896-11-5	0.1	ND
XXX	240	Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol Phenol, methylstyrenated EC / List no: 270-966-8 CAS no: 68512-30-1	700-960-7	-	0.1	ND
XXXI	241	Bis(a,a-dimethylbenzyl) peroxide	201-279-3	80-43-3	0.1	ND
XXXII	242	Triphenyl phosphate	204-112-2	115-86-6	0.1	ND
XXXIII	243	Octamethyltrisiloxane	203-497-4	107-51-7	0.1	ND
XXXIII	244	reaction mass of: triphenylthiophosphate and tertiary butylated phenyl derivatives	421-820-9	192268-65-8	0.1	ND
XXXIII	245	Perfluamine	206-420-2	338-83-0	0.1	ND
XXXIII	246	6-[(C10-C13)-alkyl-(branched, unsaturated)-2,5-dioxopyrrolidin-1-yl]hexanoic acid	701-118-1	2156592-54-8	0.1	ND
XXXIII	247	O,O,O-triphenyl phosphorothioate	209-909-9	597-82-0	0.1	ND
XXXI	248	Decamethyl tetrasiloxane(L4)	205-491-7	141-62-8	0.1	ND

Code	No.	Test Item	EC No.	CAS No.	Report Limit (%)	Result
V						
XXXI V	249	1,1,1,3,5,5,5-heptamethyl-3-[(trimethylsilyl)oxy]trisiloxane (M3T)	241-867-7	17928-28-8	0.1	ND
XXXI V	250	Tetra(sodium/potassium)-7-[(E)-{2-acetamido-4-[(E)-(4-1[4-chlor-6-({2-[4-f luor-6-{[4-(vinylsulfonyl)phenyl]amino-1,3,5-triazin-2-yl)aminopropyl]amino)-1,3,5-triazin-2-yl]amino-1-5-sulfonato-1-naphthyl}diazenyl]1-5-methoxyphenyl}diazenyl-1-1,3,6-naphthalen	466-490-7	-	0.1	ND

Notes:

1. RL = Reporting Limit. All RL are based on homogenous material. ND = Not detected (lower than RL), ND is denoted on the SVHC substance.
2. *The test result is based on the calculation of selected element(s) / marker(s) and to the worst-case scenario.
3. RL = 0.005% is evaluated for element (i.e. cobalt, arsenic, lead, chromium (VI), aluminum, zirconium, boron, strontium, zinc, antimony, titanium and barium respectively), except molybdenum RL=0.0005%, boron RL=0.0025% (only for Lead bis(tetrafluoroborate)).
4. ▲ On Jun 18, 2012, ECHA consolidated two entries of aluminosilicate refractory ceramic fibres and two of zirconia aluminosilicate refractory ceramic fibres in the Candidate List of SVHC for authorization published in Jan 2010 and Dec 2011 into one entry for aluminosilicate refractory ceramic fibres and one for zirconia aluminosilicate refractory ceramic fibres.
5. Calculated concentration of boric compounds are based on the total boron by ICP-OES.
6. Δ CAS No. of diastereoisomers identified (α-HBCDD, β-HBCDD, γ-HBCDD): 134237-50-6, 134237-51-7, 134237-52-8.
7. ☆ CAS No. of Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride: 25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9; EC No. of those: 247-094-1, 243-072-0, 256-356-4, 260-566-1.
8. § The substance is proposed for the identification as SVHC only where it contains Michler's ketone (CAS Number: 90-94-8) or Michler's base (CAS Number: 101-61-1) ≥0.1% (w/w).
9. The result(s) shown is/are of the total weight of wet sample.

SVHC Testing Flow Chart



PHOTOGRAPH OF SAMPLE:



Photo 1



Photo 2



Photo 3



Photo 4

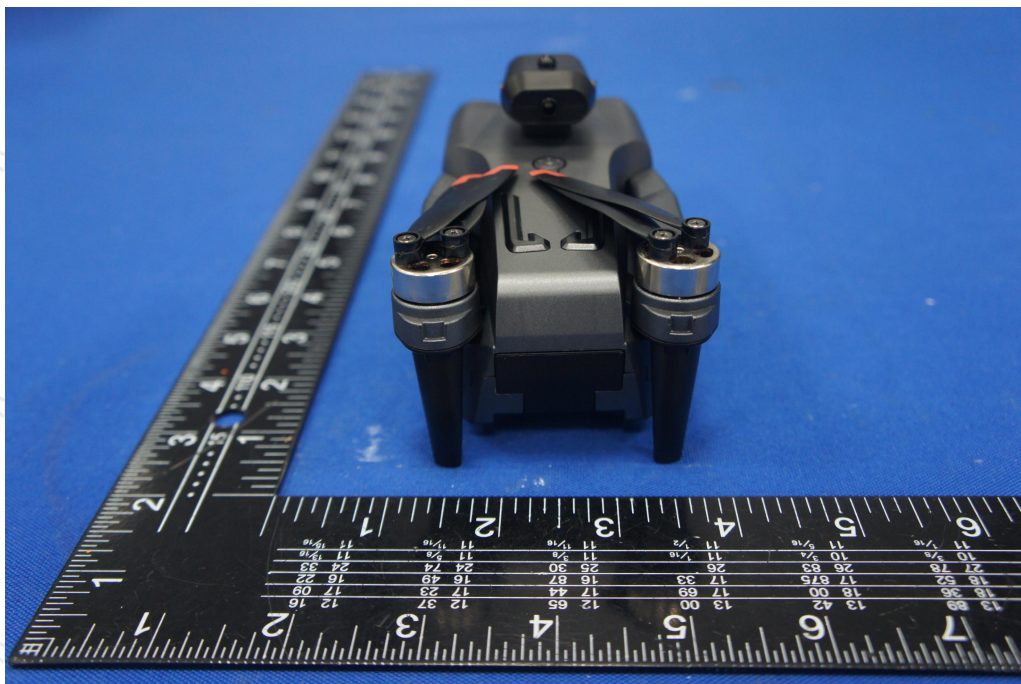


Photo 5

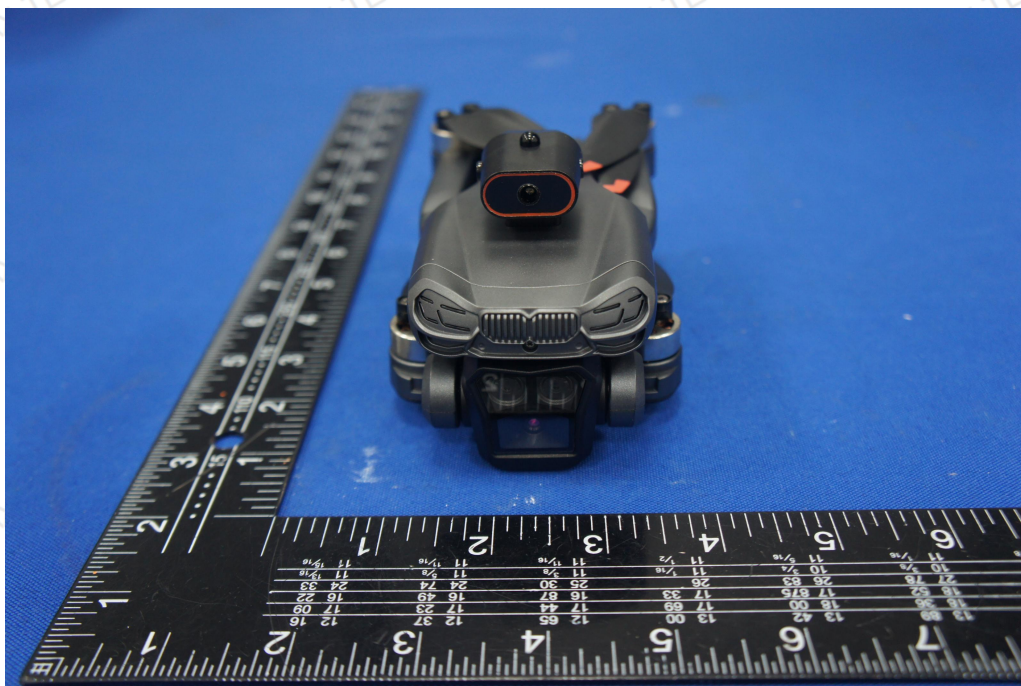


Photo 6



Photo 7



Photo 8

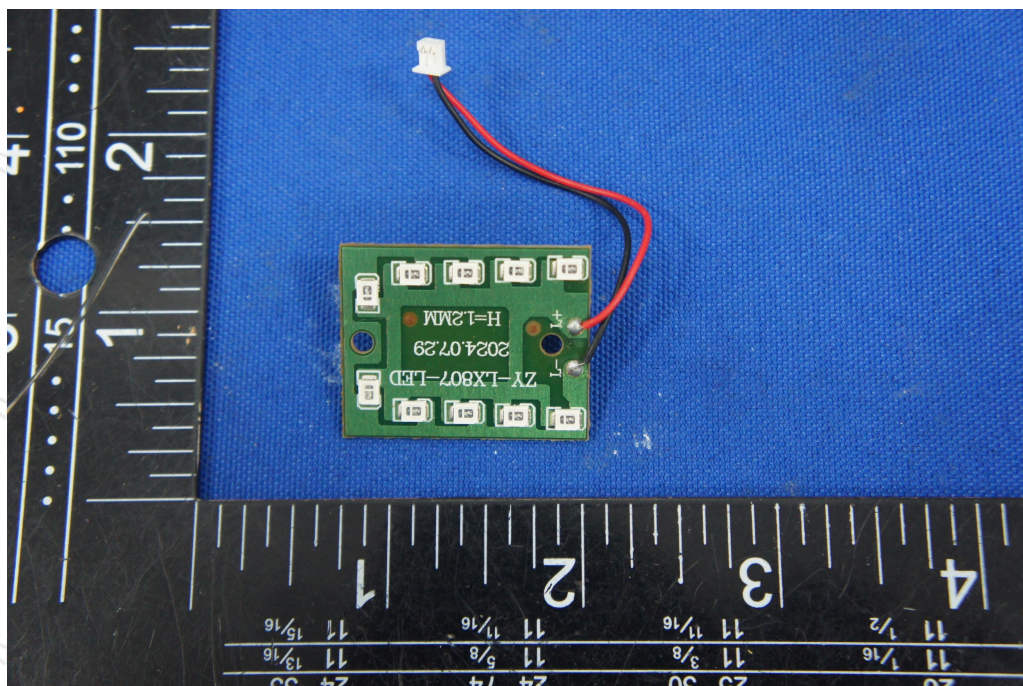


Photo 9

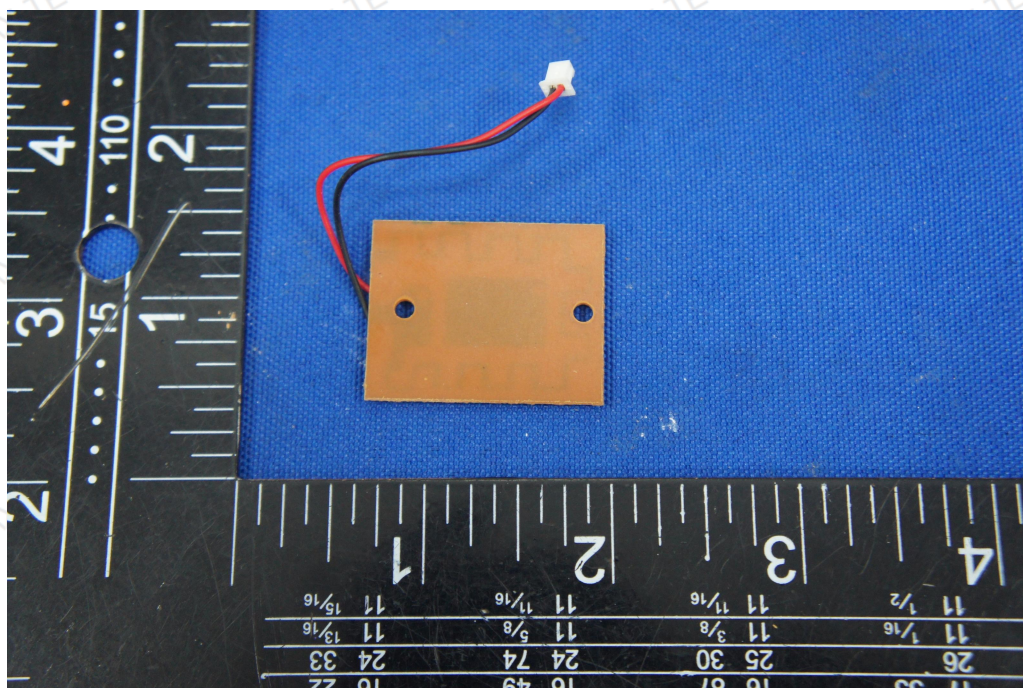


Photo 10

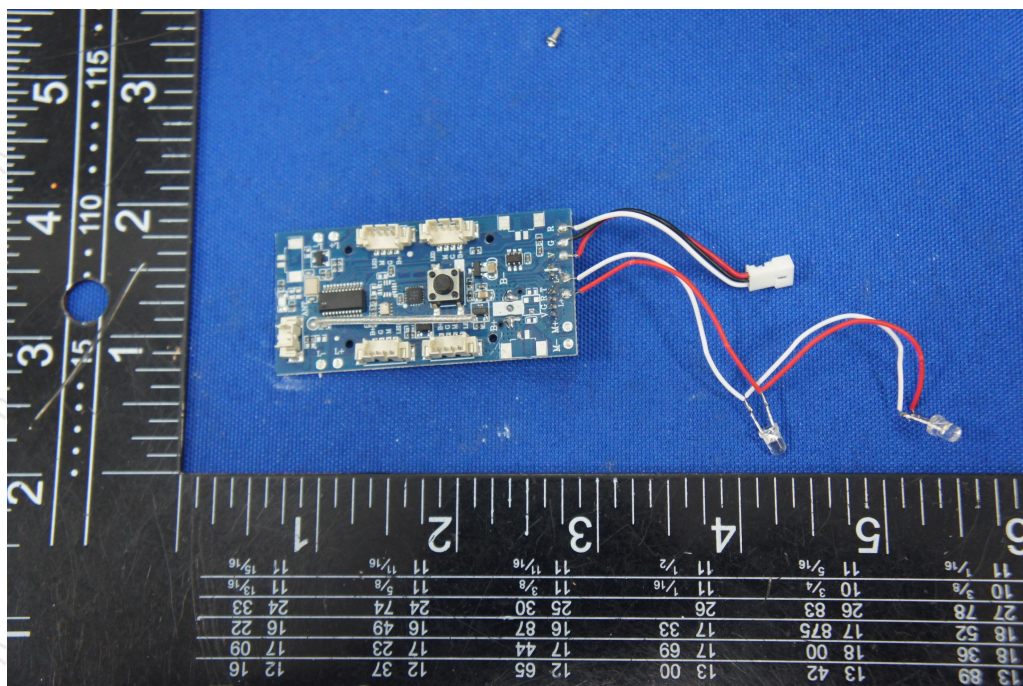


Photo 11

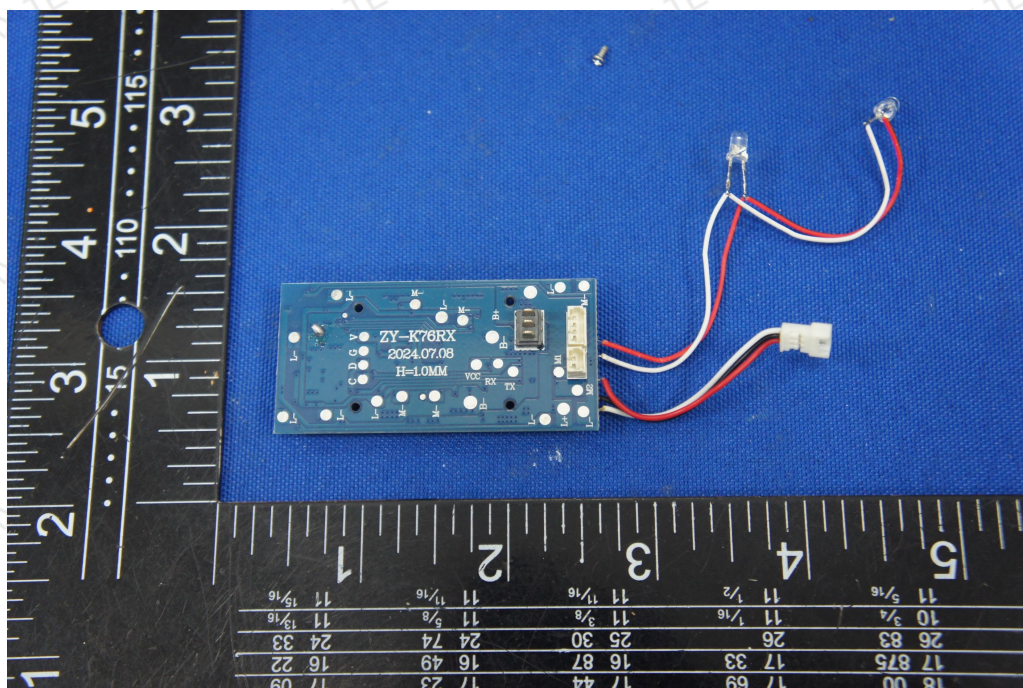


Photo 12

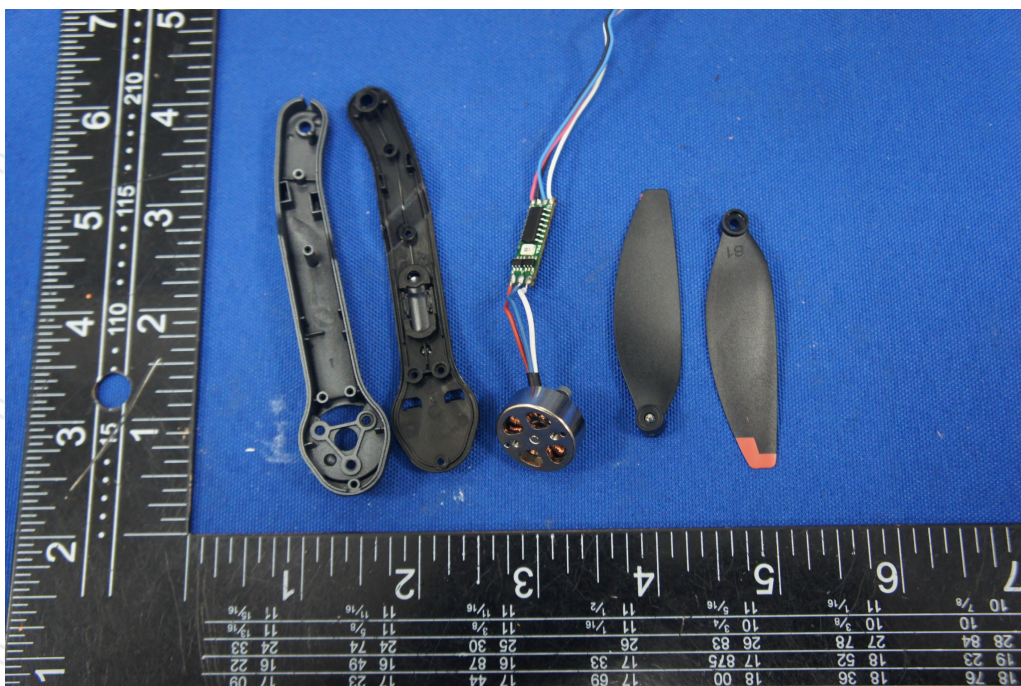


Photo 13



Photo 14

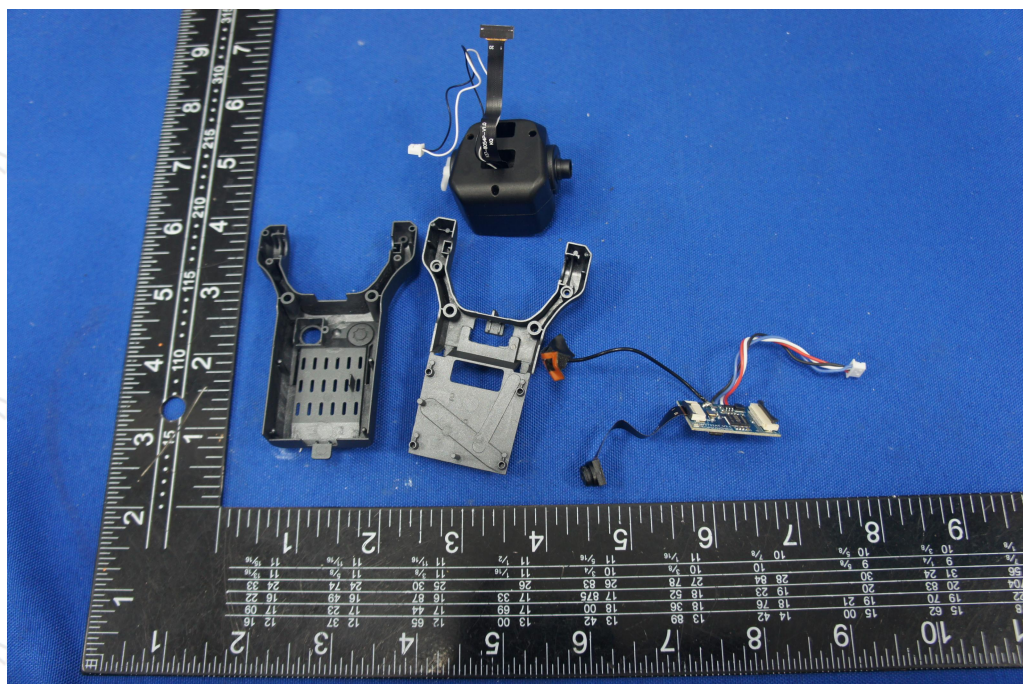


Photo 15

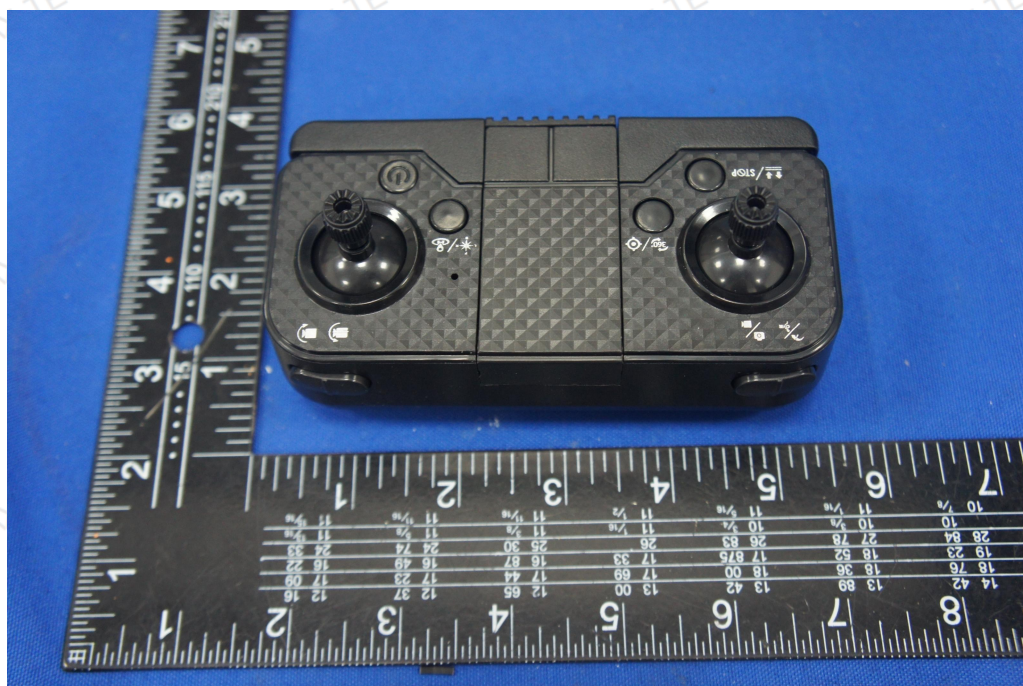


Photo 16

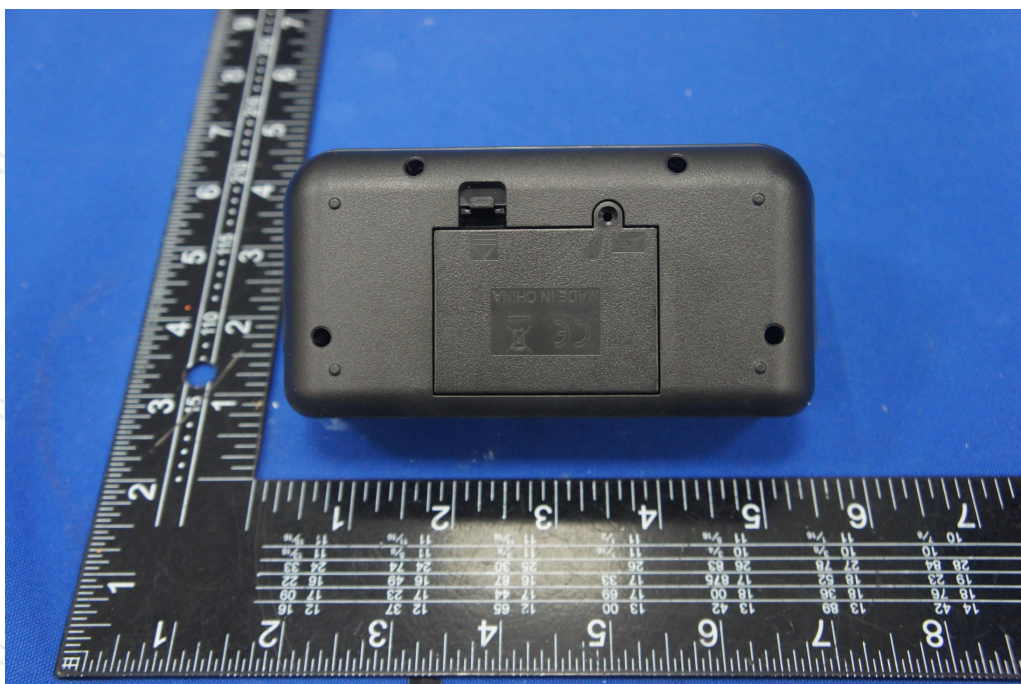


Photo 17



Photo 18

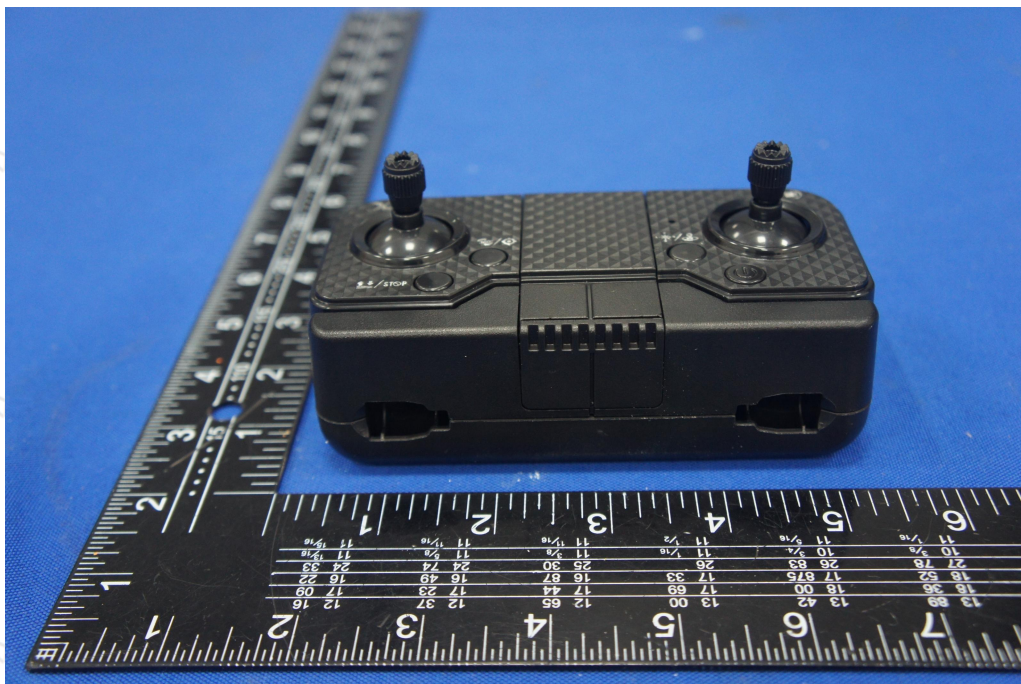


Photo 19

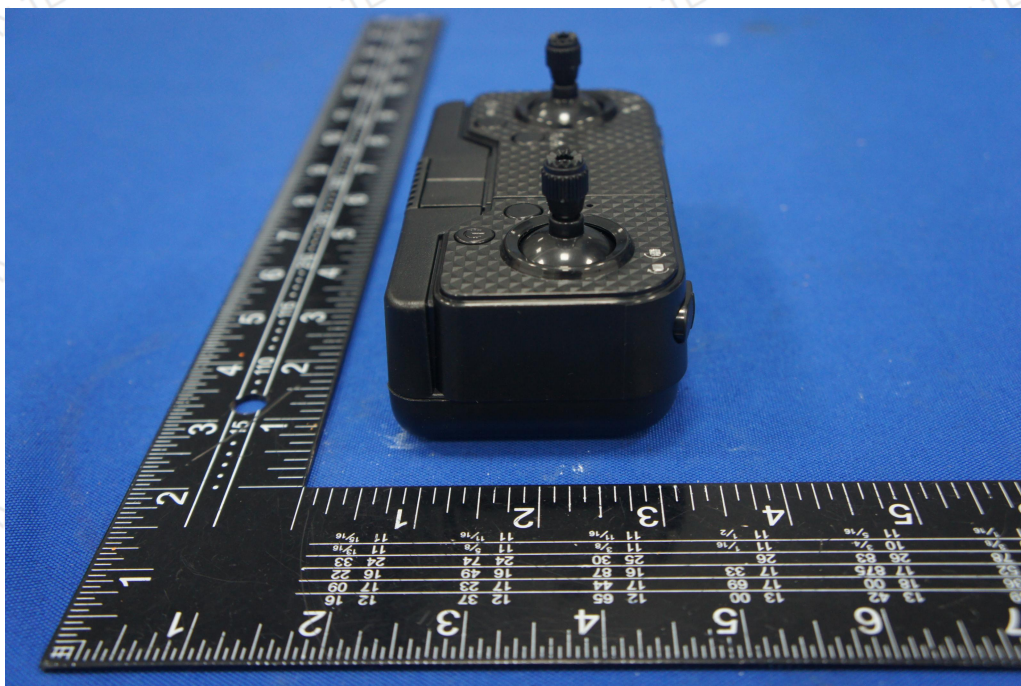


Photo 20

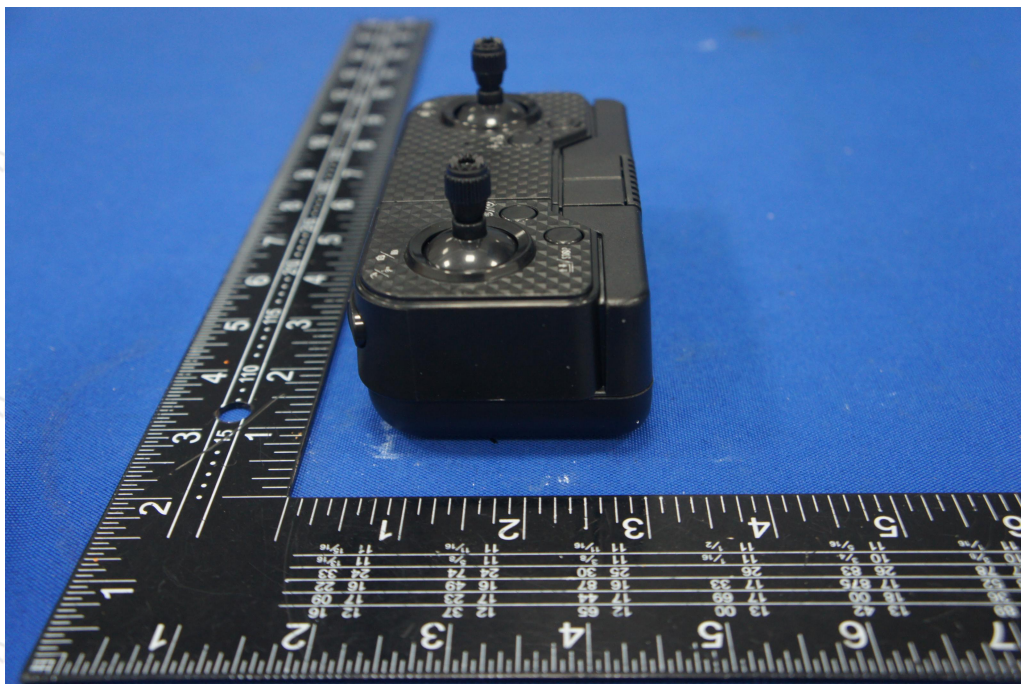


Photo 21

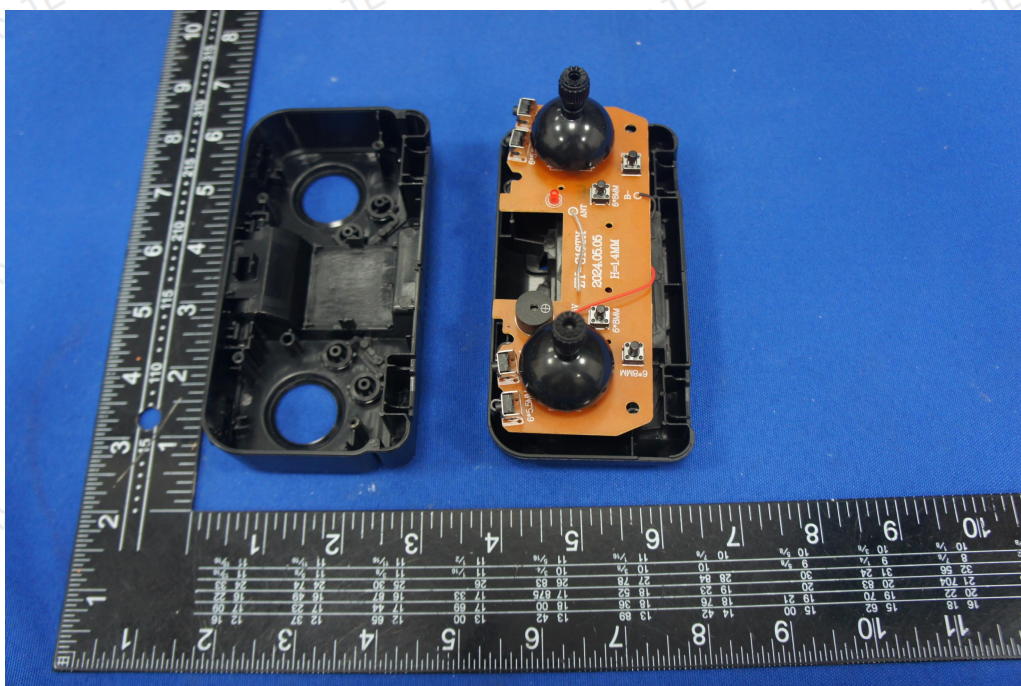


Photo 22

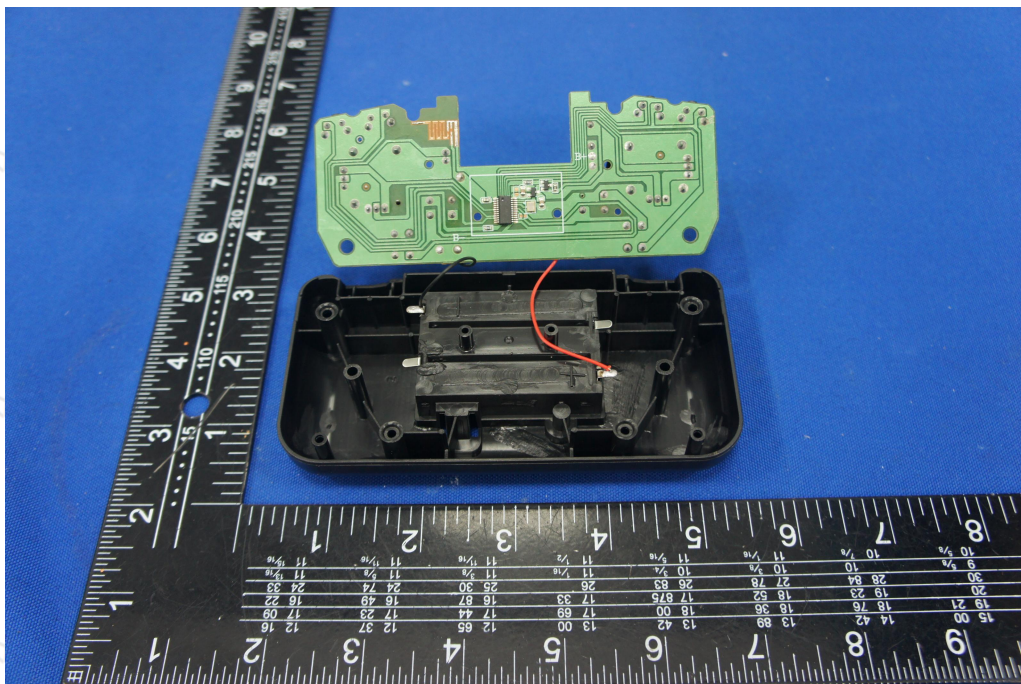


Photo 23

*****END OF REPORT*****