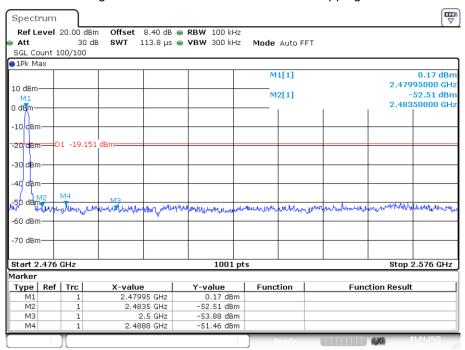


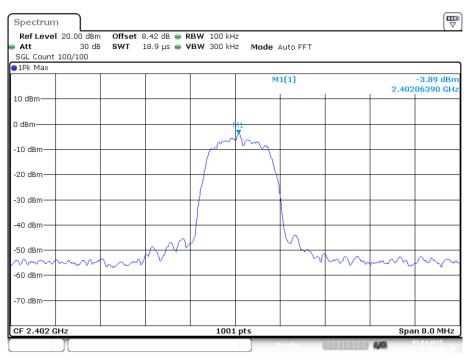
Date: 1.APR.2025 16:17:40

Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Emission



Date: 1.APR.2025 16:17:46

Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Ref



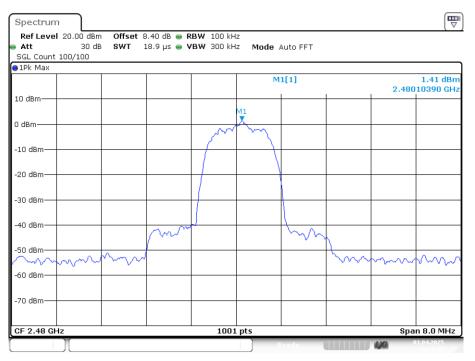
Date: 1.APR.2025 16:30:15

Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Emission

Spectr	um									
	vel	20.00 dE			BRBW 100 kH					
Att		30	db SWT	113.8 µs (> VBW 300 kH	iz Mode	Auto F	FT		
SGL Cou		.00/100								
∋1Pk Ma	× _									
						M	1[1]			-3.04 dBr
10 dBm-	+								2.40	0205000 GH
						M	2[1]			-54.71 dBr 000000 0 /GH
0 dBm—	+		_				1	1	2.40	
										- I - A -
-10 dBm										
-20 dBm-										
-20 ubiii		1 -23.89	92 dBm							
-30 dBm-	\rightarrow									
-40 dBm·	+						<u> </u>			
				M4					мз	1 14
-50 dBm	يا مان	16 05 10	العربية ويعدر التاريخ	La A1 105	and more present	and the life	he for the	1. Ash an March		unin a mage
-60 dBm	- Martin	where we are a second of the s	A CONTRACTOR OF A CARLON OF	and a com	a. Iter sections	(Hladrandsonators)	propose	And a second	- willion to a	and a construction of the
-00 ubiii:										
-70 dBm·										
, o abiii										
Start 2.	306	GH7			1001	nts			Stor	p 2.406 GHz
Marker	000	une			1001	P13			010	J LITES GIL
Type	Ref	Trc	X-valu	•	Y-value	Func	tion	F	unction Resu	ult
M1		1	2.402	05 GHz	-3.04 dB	n				
M2		1		2.4 GHz	-54.71 dB					
MЗ		1		39 GHz	-53.24 dB					
M4		1	2.3	42 GHz	-51.21 dB	m				

Date: 1.APR.2025 16:30:21

Band Edge NVNT 3-DH5 2480MHz Ant1 No-Hopping Ref

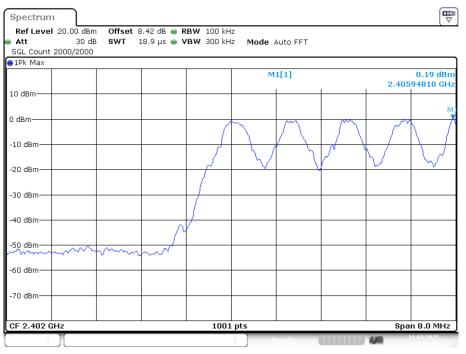


Date: 1.APR.2025 16:34:31



		0				11 0	
Spectrum							
Ref Level	20.00 c	IBm Offset	8.40 dB (• RBW 100 kHz			
Att	30	dB SWT	113.8 µs (VBW 300 kHz	Mode Auto F	FT	
SGL Count 1	00/100						
∋1Pk Max							
					M1[1]		0.99 dBr
10 dBm							2.48015000 GH
M1					M2[1]		-53.99 dBr
0 dBm —					<u> </u>		2.48350000 GH
"							
-10 dBm —			-				
	1 10 5	i94 dBm=====					
-20 dBm D	1 -18.5	94 uBm					
-30 dBm							
-30 ubiii							
-40 d8m							
ry I		Mats					
-50 dBm12		1013	an bill ber	and the second states	and the state	han an a	were and
www.umanalativa	more way	LAND MARK AND PROVIDE	no n	made was all the form	Brown wather	and the subscription of the start	whether
-60 dBm							
-70 dBm							
-/o ubiii							
Start 2.476	<u>cua</u>			1001 pt			Stop 2.576 GHz
Marker	GHZ			1001 pt	3		300p 2.370 GH2
	Trc	¥!	. 1	Y-value	Function	l •	ction Result
Type Ref M1	1	X-valu	e 115 GHz	0.99 dBm	Function	Fun	ICCION RESULT
M2	1		35 GHz	-53.99 dBm			
M3	1		2.5 GHz	-53.09 dBm			
M4	1		94 GHz	-51.49 dBm			
							01.04.2025
	Л				Ready		LAN .

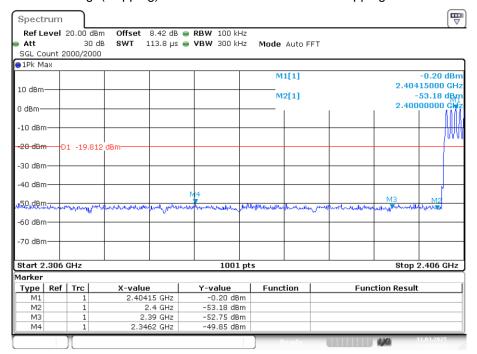
Date: 1.APR.2025 16:34:37



Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Ref

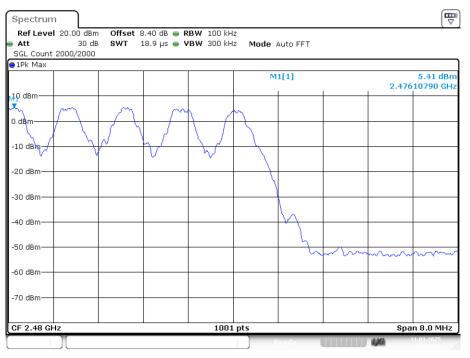
Date: 31.MAR.2025 17:14:09

Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Emission



Date: 31.MAR.2025 17:15:03

Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Ref



Date: 31.MAR.2025 17:21:22

Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Emission

Spectrum									
Ref Level	20.00 dB	m Offset	8.40 dB 🧉	RBW 100 kHz					
Att 🛛	30 0	IB SWT	113.8 µs 🧉	• VBW 300 kHz	Mode A	uto FF	Т		
SGL Count	2000/200	0							
∋1Pk Max									
					M1[[1]			5.35 dBn
10 dBm								2.47	615000 GH
					M2[[1]			-52.37 dBr
blogm								2.48	350000 GH
INNI									
-10ldBm-									
-20 cBm-	D1 -14.58	/ dBm							
-20 gBm-									
-30 dBm									
-40 dBm		-		-				_	
M2	M4	МЗ							
-50 dBm	mult	burrent Million	out some	munoul por	manulur	mon	mounder	the way to the as	Ret to many tends
-60 dBm									
-00 ubiii									
-70 dBm									
Start 2.476	5 GHz			1001 p	ts			Stor	2.576 GHz
larker									
	f Trc	X-valu	e	Y-value	Function	on	Fu	nction Resu	lt
M1	1		15 GHz	5.35 dBm					
M2	1	2.48	35 GHz	-52.37 dBm					
MЗ	1		2.5 GHz	-52.25 dBm					
M4	1	2.49	19 GHz	-49.28 dBm					
					Re	adv		430	31.03.2025

Date: 31.MAR.2025 17:22:16

Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Ref



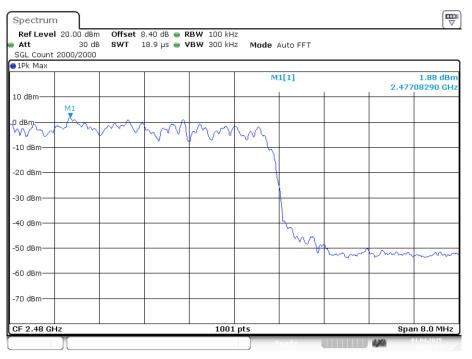
Date: 1.APR.2025 16:18:52

Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Emission

Spectrum									
Ref Level				RBW 100 kHz					
Att			L13.8 μs (VBW 300 kHz	: Mode	Auto F	FT		
SGL Count 2	2000/200	JU							
∋1Pk Max									
					M	1[1]		0.40	-5.72 dBn 3325000 GH:
10 dBm		_			M	2[1]		2.40	-50.72 dBn
					171.	2[1]		2.4(-30.72 dBh 3000000 GH:
0 dBm							1	1	M1
-10 dBm									- ruhu
-20 dBm-+		_							
	1 -26.7	40 dBm							
-30 dBm									
-40 dBm									
							M4		MO
-50 dBm	a setter and a set	and a day of at	the second strategy of		and the second second		distant out of a large set	M3	The second se
	monor	The second s	and a ma	molenshahanan	~0.0000-02000-	- market	We share and showing the	and and have un	condition to the
-60 dBm									_
-70 dBm									
-70 dBm									
Start 2.306	GHZ			1001 p	ots			Sto	p 2.406 GHz
Marker				•	1				-
Type Ref		X-value		Y-value	Func	tion	Fu	nction Resu	ilt
M1 M2	1		25 GHz	-5.72 dBm -50.72 dBm					
M2 M3	1		39 GHz	-52.80 dBm					
M4	1		02 GHz	-49.81 dBm					
	20								01.04.2025

Date: 1.APR.2025 16:19:51

Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Ref



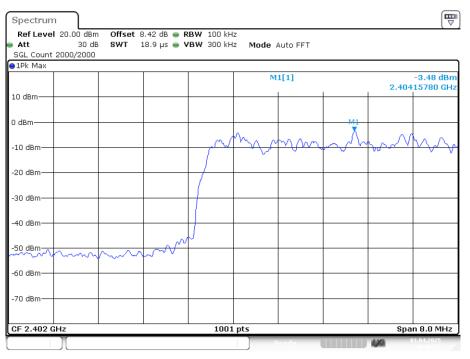
Date: 1.APR.2025 16:23:53

Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Emission

Spectrum	<u> </u>						
Ref Level				• RBW 100 kHz			
Att			113.8 µs (• VBW 300 kHz	Mode Auto I	FT	
SGL Count	2000/20	00					
∋1Pk Max							
					M1[1]		1.86 dBr
10 dBm							2.47705000 GH
11					M2[1]		-52.01 dBr
¢,¢t₿m						1	2.48350000 GH
-10 dBm							
00 -0	D1 -18-1	.16 dBm					
-20 dBm	10/1						
-30 dBm							
-30 ubiii							
-40 dBm							
<u> </u>	M4	мз					
-50 dB	welland a	Muselin Phalae	when Andres	munthentruet	mathinguna	1 photo and a start of the star	rum up had about the more harrow harr
	····· V		1.40.1				
-60 dBm							
-70 dBm							
Start 2.476	GHz			1001 pt	s		Stop 2.576 GHz
4arker							
Type Ref	Trc	X-valu	e	Y-value	Function	Fu	nction Result
M1	1		05 GHz	1.86 dBm			
M2	1		35 GHz	-52.01 dBm			
M3	1		2.5 GHz	-51.95 dBm			
M4	1	2.48	83 GHz	-50.17 dBm			
	1				Ready		01.04.2025

Date: 1.APR.2025 16:24:48

Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Ref



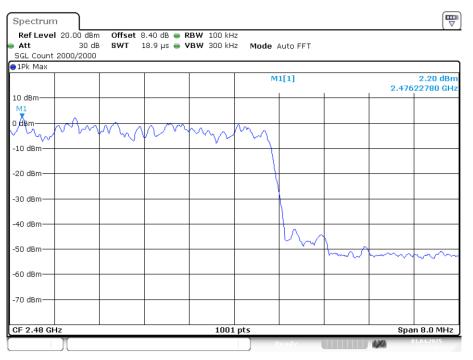
Date: 1.APR.2025 16:36:53

Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Emission

Spectrum	ı)											
Ref Level					RBW 100							
Att			SWT 1	.13.8 µs	VBW 300	кНz	Mode	Auto F	FT			
SGL Count	2000/20	000										
●1Pk Max												
							M	1[1]				-2.68 dBr
10 dBm						_					2.4	0405000 GH
							M	2[1]				-52.30 dBr 0000000 ØH
0 dBm								1	1		2.4	
												- rul
-10 dBm—												- (°V)
-20 dBm												
	D1 -23.	484 dBn	n								_	_
-30 dBm											_	
-40 dBm												
		M#									M3	M2
, 29,980-,,,	when when	, have been	mound	- sher por aboly	mohnmunger	down	والمعلمينمحيد	when	monte	mention	mender Thread	man Anoral
-60 dBm									· .		Ĩ	
-00 ubiii												
-70 dBm—												
/ 0 ubiii												
Start 2.300	5 0117				100	1 pts	-				Sto	p 2.406 GHz
arker	J GHZ				100	r pes	,				atu	p 2.400 GH2
	f Trc		X-value	. 1	Y-value	1	Fund	tion	1	E.,	nction Res	
M1	1			D5 GHz	-2.68 d	Bm	FullC	aon		гu	neaton Res	un
M2	1			.4 GHz	-52.30 d							
M3	1			39 GHz	-51.20 d							
M4	1			57 GHz	-50.26 d							
)()	_				01.04.2025

Date: 1.APR.2025 16:37:52

Band Edge(Hopping) NVNT 3-DH5 2480MHz Ant1 Hopping Ref



Date: 1.APR.2025 16:51:03

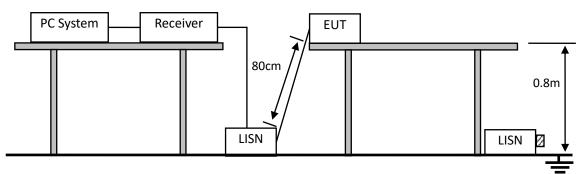
Band Edge(Hopping) NVNT 3-DH5 2480MHz Ant1 Hopping Emission

Spectrum							
Ref Level				RBW 100 kHz			
SGL Count :			113.8 µs	● VBW 300 kHz	Mode Auto	FFT	
1Pk Max	2000/20	100					
			1		M1[1]		2.98 dBi
					WILLI		2.98 uBi 2.47705000 GH
10 dBm					M2[1]		-51.29 dBi
							2.48350000 GH
Ander							
-10 dBm							
-20 dBm— ¹	51 -17.8	300 dBm					
-30 dBm							
-40 dBm							
Luo N	4	M3		. k			
-50 dBm	r .	moundlying	and same	unt May Mary mar	a columber and the second	an orally marketer walke	In many marchenter the stand of
	ν ^ν			ľ			
-60 dBm							
-70 dBm							
/ o abiii							
Start 2.476	CH ₇			1001 pt			Stop 2.576 GHz
darker	dill			1001 pt			0000 2:070 012
	Trc	X-valu	• 1	Y-value	Function	L Eu	inction Result
M1	1		05 GHz	2.98 dBm	ranction	10	inction Result
M2	1		35 GHz	-51.29 dBm			
MЗ	1		2.5 GHz	-50.99 dBm			
M4	1	2.48	64 GHz	-49.82 dBm			
1					Ready		01.04.2025

Date: 1.APR.2025 16:51:58

10. POWER LINE CONDUCTED EMISSIONS

10.1.Block Diagram of Test Setup



\blacksquare :50 Ω Terminator

10.2.Limit

	Maximum RF Line Voltage					
Frequency	Quasi-Peak Level	Average Level				
	dB(µV)	dB(μV)				
150kHz ~ 500kHz	66 ~ 56*	56 ~ 46*				
500kHz ~ 5MHz	56	46				
5MHz ~ 30MHz	60	50				

Notes: 1. * Decreasing linearly with logarithm of frequency.

2. The lower limit shall apply at the transition frequencies.

10.3.Test Procedure

(1) The EUT was placed on a non-metallic table, 80cm above the ground plane.

(2) Setup the EUT and simulator as shown in 10.1

(3) The EUT Power connected to the power mains through a power adapter and a line impedance stabilization network (L.I.S.N1). The other peripheral devices power cord connected to the power mains through a line impedance stabilization network (L.I.S.N2), this provided a 50-ohm coupling impedance for the EUT (Please refer to the block diagram of the test setup and photographs). Both sides of power line were checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipments and all of the interface cables were changed according to ANSI C63.10 :2013on conducted Emission test.

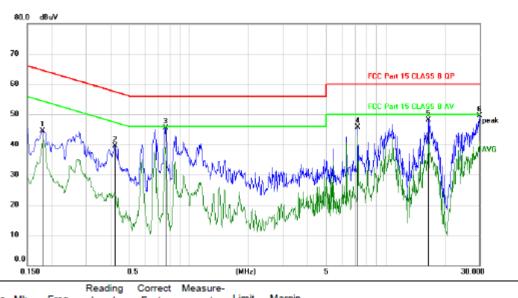
(4) The bandwidth of test receiver is set at 10KHz.

(5) The frequency range from 150 KHz to 30MHz is checked.

10.4.Test Result

PASS. (See below detailed test data)

Note: If peak Result comply with AV limit, QP and AV Result is deemed to comply with AV limit

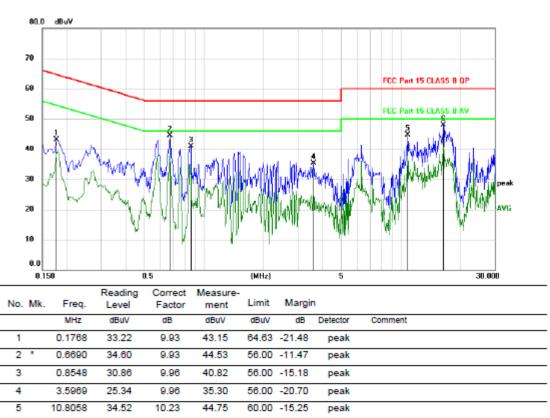


No. Mk. Freq. Factor Limit Margin Level ment MHz dBuV dB dBuV dBuV dB Detector Comment 1 0.1800 34.53 9.93 44.46 64.49 -20.03 peak 0.4200 29.52 9.94 39.46 57.45 -17.99 2 peak 3 0.7590 35.57 9.94 45.51 peak × 56.00 -10.49 4 7.2030 35.67 10.13 45.80 60.00 -14.20 peak 5 16.4788 37.79 10.37 48.16 60.00 -11.84 peak 29.9848 38.83 10.67 49.50 60.00 -10.50 6 peak

*:Maximum data x:Over limit !:over margin

Reference Only

Note: Measurement=Reading Level+Correc Factor. Factor=(LISN or ISN or PLC or Current Probe)Factor+Cable



*:Maximum data x:Over limit !:over margin (Reference Only Note: Measurement=Reading Level+Correc Factor. Factor=(LISN or ISN or PLC or Current Probe)Factor+Cable

60.00 -12.06

peak

16.4700

6

37.57

10.37

47.94

Note: All modes and channels have been tested and only the GFSK 2402MHz mode with the worst data is listed.

Neutral:

11. ANTENNA REQUIREMENTS

11.1.Limit

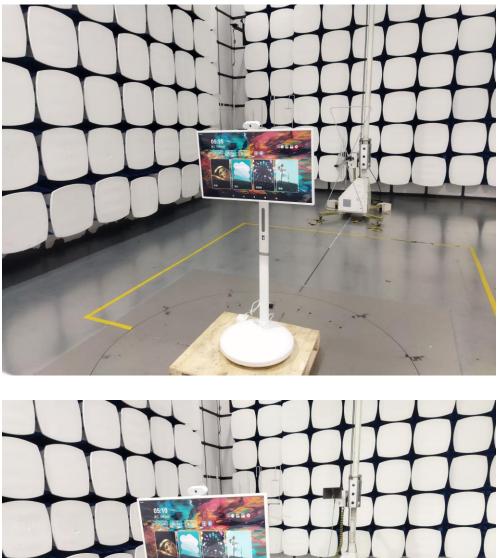
For intentional device, according to FCC 47 CFR Section 15.203 and RSS-GEN, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. And according to FCC 47 CFR Section 15.247 (b), if transmitting antennas of 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..

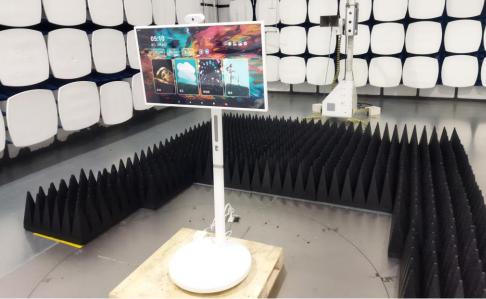
11.2.Result

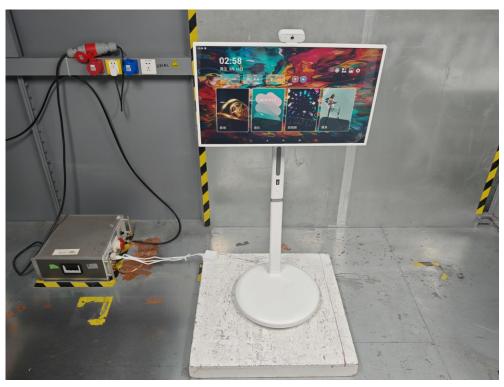
The EUT antenna is Internal Antenna. It complies with the standard requirement.

12. TEST SETUP PHOTO

12.1.Photo of Radiated Emission test

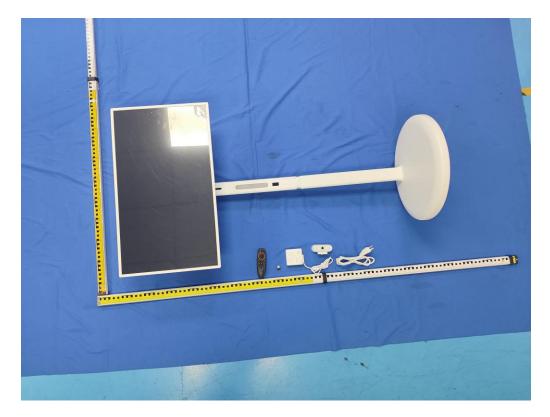






12.2.Photo of Conducted Emission test

13. EUT Photo



AC ADAPTER	
MODEL:GM-F2005002-G02B GM-F2005002-G02B GM-F2005002-G02B	
100-240V ~ 50-60Hz 1.6A OUTPUT	
5.0V=3.0A/9.0V=3.0A/12.0V=3.0A 15.0V=3.0A/20.0V=5.0A 100.0W	
Apparatem skall anstufas till jordäf uttag nar den ansluts til ett nätverk. Latte on filatitave suojamaadoituskoskettimil e varustettuun pistorsasaen	
Apparatelis stiliprop skal tilautiss en stilkontaat med jord ,kom giver fortindalise til etitigroppens jord	
CAUTION Risk of electric shock. do not deaaeembie or repair the charge by yourself. Do not drop. Hill or otherwise abuse the charger.	
For indoor user only	

