Band Edge(Hopping) NVNT 3-DH1 2402MHz Ant1 Hopping Emission

Spect	rum										
Ref L	evel	20.00	dBm Offset	7.62 dB	🔵 RBW 100 kHz						
🔵 Att		3	OdB SWT	113.8 µs	🔵 VBW 300 kHz	Mode Auto F	FT				
SGL Co	ount 2	2000/2	000								
😑 1Pk M	ax										
						M1[1]			-2.18 dBm		
10 dBm	\rightarrow			_				2.402	85000 GHz		
						M2[1]		-53.36 dBm			
0 dBm-				-			1	2.400	00000 GHz		
									50.84		
-10 dBm	ר−ר								1000		
20 dag											
-20 UBI		01 -22	.228 dBm								
-30 dBm	n										
-40 dBm	n-+-										
						M4		MO			
-50 dBm	moun	pullin	and market and	mun mon	Mundungen milling Mth	Man worker Handrey	1 Mary Warder to	July meroria	month and the		
60 dBm			U I				~ .	· 7			
-00 ubii	-										
-70 dBm	∩										
	·										
Start 2	306	GH ₇			1001 nt	<u> </u>		Ston 1	2 406 GHz		
Marker	.000	dill			1001 pt			0000	2.100 0112		
Type	Ref	Trc	X-valı	ie	Y-value	Function	l Fur	nction Result	1		
M1		1	2.40	285 GHz	-2.18 dBm						
M2		1		2.4 GHz	-53.36 dBm						
MЗ		1	2	2.39 GHz	-53.01 dBm						
M4		1	2.3	669 GHz	-50.15 dBm						
][Ready		4/0	5.06.2022		

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Band Edge NVNT 3-DH1 2402MHz Ant1 No-Hopping Emission

Spect	rum											₽
Ref L	evel	20.00	dBm Offset	7.62 dB	😑 RBW 100 k	Hz						
👄 Att		30	db SWT	113.8 µs	😑 VBW 300 k	Hz Mode	Auto F	FFT				
SGL C	ount 1	100/100	l.									
😑 1Pk M	lax											
						N	11[1]				-2.46	dBm
10 dBm										2.401	85000	GHz
10 0.011						N	12[1]				55.54	dBm
0 dBm-										2.400	00000	GHz
0 0.0111											I .	Ĭ.
-10 dBr	n——			_							-	Д
-20 dBr	n	1 00 1	ez dem									
	Ľ	1 -22.	207 UBIII									
-30 dBr	n—+						+					
											[
-40 dBr	n—+			-			<u> </u>					-
E0 dba	_			M4						мз		
-30 UBI	sture.	and all	And the strength of the state	Am who	الله والمعالم والمعالم	والمستين ألحد المداد	and the second	. unterest	Actuation	A. M. N. Margan	Autob at	-
-60 dBr	n	No. of the second	- reduced - millioner	d a d-Anero	Budden to deb idea it	V M		1. V	Art another	100 MM. Ini a 40.	10.10.	. 4.
00 00.	"											
-70 dBr	n——											
Pt aut f	1 206	<u>cua</u>			100	1 ptc				Pton	2 406 6	211-
Start 2	2.300	GHZ			100	1 pts				Stop	2.406 (aHZ
Marker					•							
Type	Ref	Trc	Trc X-value		Y-value	Fund	ction		Fund	tion Resul	t	
M1		1	2.40	185 GHZ	-2.46 di	Bm						
M2 M2		1		2.4 GHZ	-55.54 dt	Bm						
M4		1	2	412 CH2	-53.18 0	Bm						
		1 1	2.3		-51.71 ut							
		1					Ready			120	25.06.202	2

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Band Edge(Hopping) NVNT 3-DH1 2480MHz Ant1 Hopping Emission

Spect	rum															₿
Ref L	evel	20.00	dBm	Offset	7.60 dB	👄 RBW	! 100 kH	Ηz								
👄 Att		3	0 dB	SWT	113.8 µs	VBW	/ 300 kH	Ηz	Mode	Auto F	FT					
SGL Co	ount 2	2000/20	000													
⊖1Pk M	ax															ן
									M	1[1]					-4.14 0	:IBm
10 dBm														2.479	95000	GHz
10 0.011									M	2[1]				-	52.98 c	1Bm
0 d8 h-														2.483	50000	GHz
a di Maria																
H IO dBn	n		-			_							-			
0.00																
-20 cBn				D									-			_
20 40 4		1 -24.	335 a	Bm												
-30 aBn																
-40 dBn	∩															
			M4													
-50 dBr	X <mark>12 </mark>	al at th		M3	And And	Bernahler als	. but ou	shoul f	have all store	A. Lite	diam'r			ALL WALL	handrede	M data
	Nerven Ve	section of the	~T	o ontrol . We wheth	mar Prakter		- and and a second	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	001000000000000000000000000000000000000	00,00-10-0	~~~	a ladi stawada faarta. I	and the second			
-60 dBn	n-+-		-										+			
-70 dBn	n												-			
Start 2.476 GHz 1001 pts Stop 2.576 GHz									Hz							
Marker																\neg
Type	Ref	Ref Trc X-value		e	Y-۱	value		Func	tion		Function Result				1	
M1		1		2.479	995 GHz	-	4.14 dB	m								
M2		1		2.48	335 GHz	-52.98 dBm		m								
M3		1		1	2.5 GHz	-5	3.11 dB	m								
M4		1		2.4	195 GHz	-5	0.39 dB	m								
										oadv			130	2	5.06.2022	

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Band Edge NVNT 3-DH1 2480MHz Ant1 No-Hopping Emission

Spect	trum												
Ref L	.evel	20.00	dBm Offset	7.60 dB	😑 RBW 100 k	Hz							
🛛 Att		31	db SWT	113.8 µs	👄 VBW 300 k	Hz	Mode	Auto F	FT				
SGL C	ount 1	.00/100)										
⊖1Pk N	1ax												
							M	1[1]				-4.87 dBm	
10 dBrr	` ⊢										2.48	005000 GHz	
					M2[1]				-56.41 dB				
0 d 9 m-											2.48	350000 GHz	
Ţ													
-10 dBr	m—												
-20 GBI	m—	1 -24	231 dBm										
-30 dBr		-2-1.	201 00										
-30 40	"												
-40 dBr	m——			_									
			14										
-50 dBr	M2.		- M3	4		1	. da . e			the section	L. H. H.	a la la de la ser ser a	
where u	- Martin	many	Caller and a second alter	mun	ኯዀዀዀዀዀዀዀ	Maria	alhan	rhoybridge	www	Man Mark Maller and	Well Charles and	conde marchiner (hale	
-60 dBr	m												
-70 dB/													
-70 UBI													
Start :	2.476	GHZ			1001	. pts					Stop	2.576 GHz	
Marker	•												
Туре	Ref	Trc	X-value		Y-value		Func	tion		Function Result			
M1		1	2.48	DO5 GHz	-4.87 dB	m							
M2		1	2.4	B35 GHZ	-56.41 dB	m							
M3 M4		1	24	2.5 GHZ	-54.48 UE	m							
	1		2.4		51.85 UE		_	_				J	
		11				11					LXA	25.06.2022	

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10. Power Line Conducted Emissions

10.1.Block Diagram of Test Setup



Image: 50Ω 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



*:Maximum data	x:Over limit	I:over margin	(Reference Only
Note: Measuremer	t=Reading Lev	vel+Correc Factor.	Factor=(LISN or ISN or PLC or Current Probe)Factor+Cable



*:Maximum data x:Over limit 1: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

Note: Measurement=Reading Level+Correc Factor. Factor=(LISN or ISN or PLC or Current Probe)Factor+Cable Remark: All modes have been tested, and only worst data of Charging was listed in this report.

11. Antenna Requirements

11.1.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.

11.2.Result

The EUT antenna is internal antenna. It complies with the standard requirement.

12. Test Setup Photo

12.1.Photos of Radiated emission





12.2.Photos of Conducted Emission test

13. Photos Of EUT











































-----THE END OF REPORT------