

# DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION FACILITIES DEVELOPMENT DIVISION

APPLICATION FOR HCAI SPECIAL SEISMIC	OFFICE USE ONLY
CERTIFICATION PREAPPROVAL (OSP)	APPLICATION #: OSP-0796
HCAI Special Seismic Certification Preapproval (OSP)	
Type: X New Renewal	
Manufacturer Information	
Manufacturer: Comba Telecom Inc.	
Manufacturer's Technical Representative: Steven Cheng	
Mailing Address: 568 Gibraltar Dr., Milpitas, CA 95035	
Telephone: (408) 609-2901 Email: scheng@comba	ausa.com
Product Information	MB
Product Name: Electrical Control Panels on Life Safety/Critical Branch	-
Product Type: Fire Alarm & Security Panels	2
Product Model Number: CriticalPoint <sup>™</sup> BDA, DAS, FOU and BBU	m .
General Description: Public Safety Communications Equipment and	0
Mounting Description: Rigid, Wall Mounted	
Tested Seismic Enhancements: None DATE: 01/04/2024	
	20°
Applicant Information	4
Applicant Company Name:	00
Contact Person: Victoria Ahrens	
Mailing Address: 1901 NE Lotus Dr. Apt. 11, Bend, OR 97701	
Telephone:   (541) 292-5820   Email:   vahrens@struct	tint.com
Title: Certification Engineer	



"A healthier California where all receive equitable, affordable, and quality health care"

All Ju



# DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION FACILITIES DEVELOPMENT DIVISION

California Licensed Structural Engineer Responsible for the Engineering and Test Report(s)	
Company Name: STRUCTURAL INTEGRITY ASSOCIATES, INC.	
Name: LACHEZAR HANDZHIYSKI California License Number: S6515	
Mailing Address: 5215 Hellyer Avenue, Suite 210, San Jose, CA 95138	
Telephone: (669) 437-0200 Email: Lhandzhiyski@StructInt.com	
Certification Method	
GR-63-Core X ICC-ES AC156 IEEE 344 IEEE 693 NEBS 3	
Other (Please Specify):	
FOR CODE CO	
Testing Laboratory	
Company Name: UNIVERSITY OF CALIFORNIA, BERKELEY (PEER)	
Contact Person: Amarnath Kasalanati	
Mailing Address: 325 Davis Hall, Berkeley CA 94720-1729	
Telephone: (510) 642-6475	
<b>DATE:</b> 01/04/2024	
DATE: 01/04/2024	
TVI COV	
BUILDING	



"A healthier California where all receive equitable, affordable, and quality health care" STATE OF CALIFORNIA – HEALTH AND HUMAN SERVICES AGENCY

OSP-0796

Alla



# DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION FACILITIES DEVELOPMENT DIVISION

#### Seismic Parameters

Desig	n Basis of Equipment or Components	(Fp/Wp) =	1.44 (SDS=2.0 @ z/h	=1); 1.13 (SD	S=2.5 @ z/h=0)
	SDS (Design spectral response accele	eration at sh	ort period, g) = $2.0 (z/r)$	n = 1.0); 2.5 (2	z/h = 0.0)
	ap (Amplification factor) =	1.0			
	Rp (Response modification factor) =	2.5			
	$\Omega_0$ (System overstrength factor) =	2.0			
	Ip (Importance factor) =	1.5			
	z/h (Height ratio factor) =	1 and 0			
	Natural frequencies (Hz) =	See Attach	ment		
	Overall dimensions and weight =	See Attach	CON	0	
	Approval (For Office Use Only)	Approval	OSP-0796	30 7	
Date:			J3F-0790	1 m	
Name	e: Timothy Piland	BV·TI	mothy Piland	Title:	Senior Structural Engineer
Speci	al Seismic Certification Valid Up to: SE	os (g) = <u>Se</u>	e Above	z/h =	See Above
Condi	tion of Approval (if applicable):	DATE	: 01/04/2024	1/	
		PRNIA E	SUILDING CO	24	



"A healthier California where all receive equitable, affordable, and quality health care" STATE OF CALIFORNIA – HEALTH AND HUMAN SERVICES AGENCY

OSP-0796

All Jug

## SPECIAL SEISMIC CERTIFICATION CERTIFIED COMPONENT MATRIX

#### 2301043-CR-001-R0



	Comba Telecom Inc.						TABL	E 1
	CriticalPoint <sup>™</sup> BDA, DAS,		BBU					
	Construction Summary:							
	um Alloy or Hot-dip Galv	anized Ca	arbon Ste	el				
Bracket: Carbon S	teel							
	•							
Certified Options	Summary:							
N/A								
Mounting Configu	uration:		50					
Wall mounted - rig		F	ORC	JUE	COA			
	ing must be of similar configur	ation and eq	quivalent st	rength and	stiffness to	those tested.		
			NEY			2.0 g z/h=1.0		
Building Code: CB	C 2022	Seismic C	ertificatio	on Limits:		2.5 g z/h=0.0		l <sub>P</sub> = 1.5
	4	Din	nensions	<b>(in)</b> )79	Weight			<u> </u>
Model Line	Model 📿	Depth	Width	Height	(lbs.)	.)	otes	UUT
	RX78V3-A3327P <mark>0-S1-S</mark> R	8.0	⊤13.0 <sub>t</sub> t	nv <sup>19.3</sup> ∣a	nd <sup>50</sup>	UUT: M <mark>aster U</mark> nit		1
	RX78V3-A3327P <mark>0-XX-S</mark> R	8.0	13.0	19.3	50	Same a <mark>s UUT</mark> 1 (softw	are changes)	Inter
	RX07V3-A3327P <mark>0-XX-S</mark> R	8.0	13.0	19.3	50	Same as UUT1 (softw	are changes)	Inter
	RX08V3-A3327P0-XX-SR	8.0	13.0	19.3	50	Same as UUT1 (softw	are changes)	Inter
Bi-Directional	RX78V3-A2727P0-XX-SR	8.0	13.0	19.3	50	Same as UUT1 (softw	are changes)	Inter
Amplifier (BDA) <sup>1</sup>	RX07V3-A2727P0-XX-SR	8.0	13.0	19.3	50	Same as UUT1 (softw	are changes)	Inter
Ampliner (BDA)	RX08V3-A2727P0-XX-SR	8.0	13.0	19.3	50	Same as UUT1 (softw	are changes)	Inter
	RX78V3-B3327P0-XX-SR	8.0	13.0	19.3	50	Same as UUT1 (softw	are changes)	Inter
	RX07V3-B3327P0-XX-SR	8.0	13.0	19.3	50	Same as UUT1 (softw	are changes)	Inter
	RX08V3-B3327P0-XX-SR	8.0	13.0	19.3	50	Same as UUT1 (softw	are changes)	Inter
	RX78V3-B2727P0-XX-SR	8.0	13.0	19.3	50	Same as UUT1 (softw	are changes)	Inter
	RH78V3-A3300P0-S1-SR	8.0	13.0	19.3	49	UUT: Remote Unit		2
	RH78V3-A3300P0-XX-SR	8.0	13.0	19.3	49	Same as UUT2 (softw	are changes)	Inter
	RH07V3-A3300P0-XX-SR	8.0	13.0	19.3	49	Same as UUT2 (softw	are changes)	Inter
	RH08V3-A3300P0-XX-SR	8.0	13.0	19.3	49	Same as UUT2 (softw	are changes)	Inter
	RH78V3-A2700P0-XX-SR	8.0	13.0	19.3	49	Same as UUT2 (softw	are changes)	Inter
Fiber DAS <sup>1</sup>	RH07V3-A2700P0-XX-SR	8.0	13.0	19.3	49	Same as UUT2 (softw	are changes)	Inter
	RH08V3-A2700P0-XX-SR	8.0	13.0	19.3	49	Same as UUT2 (softw	are changes)	Inter
	RH78V3-B3300P0-XX-SR	8.0	13.0	19.3	49	Same as UUT2 (softw	are changes)	Inter
	RH07V3-B3300P0-XX-SR	8.0	13.0	19.3	49	Same as UUT2 (softw	are changes)	Inter
	RH08V3-B3300P0-XX-SR	8.0	13.0	19.3	49	Same as UUT2 (softw	are changes)	Inter
	RH78V3-B2700P0-XX-SR	8.0	13.0	19.3	49	Same as UUT2 (softw		Inter

#### Notes:

1. XX = C0, S0, S1, S2, S3, S4, S5 (Differently tuned duplexers, mechanically the same)

## SPECIAL SEISMIC CERTIFICATION CERTIFIED COMPONENT MATRIX



Manufacturer:	Comba Telecom Inc.						TABLE	1
Model Line:	CriticalPoint™ BDA, DAS,	FOU and	BBU				IADLE	▲
Certified Product	Construction Summary:							
	num Alloy or Hot-dip Galv	anized Ca	arbon Ste	el				
Bracket: Carbon S	Steel							
Certified Options	Summary:							
N/A								
Mounting Config	uration:		00					
Wall mounted - ri		F	OKC	.ODE	COA			
	ing must be of similar configura	tion and ed	quivalent st	rength and	stiffness to	those tested.		
			W P Y	(IIII) A W		2.0g z/h=1.0		
Building Code: Cl	3C 2022	Seismic C	ertificatio	on Limits:		2.5 g z/h=0.0	<b>I</b> <sub>P</sub> =	1.5
Madallina	Model	Dim	nensions	(in))79	Weight	I G		
Model Line	Model 📿	Depth	Width	Height	(lbs.)	No <sup>t</sup>	les	UUT
Fiber Optic	RHFOUV2F-E0 <mark>4UL-S</mark> R	3.5	<b>T15.8</b> t	hy <sup>18,5</sup> la	nd <sup>29</sup>	Similar <mark>to</mark> RHFOUV2F-	E08UL (depopulated)	Interp.
Unit (FOU)	RHFOUV2F-E0 <mark>8UL-S</mark> R	3.5	15.8	18.5	29			3
Battery Backup	BBUV3-LFP48030-SR	10.3	23.8	23.5	111	30AH Battery		Interp.
Units (BBU)	BBUV3-LFP48060-SR	10.3	23.8	23.5	140	60AH Battery		4
	BBUV3-LFP48100-SR	10.3	23.8	23.5	179	100AH Battery		5
Annunciator	CPAPV1-DC-B-UL-SR	3.1	7.8	11.8	8	4.		6
Panel			1.0	11.0				0
		· · · / /	RHT		GC			
				LDIN				
						1		

## SPECIAL SEISMIC CERTIFICATION CERTIFIED COMPONENT MATRIX



Manufacturer:	Comba Telecom Inc.		<b>TABLE 1.1</b>
Model Line:	CriticalPoint™ BDA, DAS, FOU and BBU		
	Nomenclature: Bi-Directional Amplifier (BDA) an	-	stem (DAS)
	FOR REFERENCE	JE ONLY	
RH78V3 - A 3	<u>3 27 P0</u> – <u>S1</u> – <u>(SR)</u>		
	- Seismic Rated Par	rt SR = (Optional) Seismic	c Rated
	BDA Band Configu	S4 = NPSPAC, High Rej	1Hz NB, High Rejection Rejection Rejection
	BDA Power Supply	P0 = AC input with inter	rnal Charger
	BDA UL Power	27 = 27dBm 00 = No Uplink Output	(Remote Unit)
	BDA DL Power	33 = 33dBm 27 = 27dBm	
	O BY BDA Class	A = Class A B = Class B	
	BDA Authorized B	78 = 700MHz and 800M	nd
	Master Unit / Ren		
	FORNIA BUILDI	NG CODE.	

## SPECIAL SEISMIC CERTIFICATION CERTIFIED SUBCOMPONENT MATRIX

#### 2301043-CR-001-R0



Manufacturer: Model Line:	Comba Telecom Inc. CriticalPoint™ BDA, DAS	S. FOU and BBU	Table Description: Batteries		TABLE 2
Building Code: CBC 20		Seismic Certificat	tion Limits: $S_{DS} = 2.0 g z/h = 1.0$ $S_{DS} = 2.5 g z/h = 0.0$	l <sub>P</sub> = 1.5	
Component Type	Manufacturer	Model	R CODE Description	Not	tes UUT
		BBUV3-LFP48030-SR	53 lbs., 30AH, 51.2V	P/N: TB4830F-T107A_UL	Interp.
LiFePO4 Battery	Comba Telecom	BBUV3-LFP48060-SR	82 lbs., 60AH, 51.2V	P/N: TB4860F-T104A_UL	4
		BBUV3-LFP48100-SR	121 lbs., 100 AH, 51.2V	P/N: TB48100F-T102A_U	<i>IL</i> 5
		2	0SP-0796		
		BY	imothy Piland		
		CUDAI	E: 01/04/2024		
		A			
			UILDING		



Model	acturer: Comba Teleco Line: CriticalPoint™	BDA, DAS, FOU and B	30					
UUT	Unit Description	Report Number (UUT#)	Testing Lab	Year Tested	ISO 17025 Accredited?	S <sub>DS</sub>	z/h	I <sub>P</sub>
1	BDA/MU (RX78V3-A3327P0-S1-SR)	2301043-TR-001 (UUT1)	Pacific Earthquake Engineering Research Center (PEER)	2023	Yes	2.0 2.5	1.0 0.0	1.5
2	DAS/RU (RH78V3-A3300P0-S1-SR)	2301043-TR-001 (UUT2)	Pacific Earthquake Engineering Research Center (PEER)	2023	Yes	2.0 2.5	1.0 0.0	1.5
3	FOU (RHFOUV2F-E08UL-SR)	2301043-TR-001 (UUT3)	Pacific Earthquake Engineering Research Center (PEER)	2023	Yes	2.0 2.5	1.0 0.0	1.5
4	BBU w/ 60AH LiFePO4 Battery (BBUV3-LFP48060-SR)	2301043-TR-001 (UUT4)	Pacific Earthquake Engineering Research Center (PEER)	2023	Yes	2.0 2.5	1.0 0.0	1.5
5	BBU w/ 100AH LiFePO4 Battery (BBUV3-LFP48100-SR)	2301043-TR-001 (UUT5)	Pacific Earthquake Engineering Research Center (PEER)	<mark>2</mark> 023	O Yes	2.0 2.5	1.0 0.0	1.5
6	CPAPV1 (CPAPV1-DC-B-UL-SR)	2301043-TR-001 (UUT6)	Pacific Earthquake Engineering Research Center (PEER)	2023	Yes	2.0 2.5	1.0 0.0	1.5
		AINRO		ODE				
			UILDING					
Votes:				1			1	



Manufacturer:	Comba Telecom Inc.								
Model Line:	CriticalPoint™ BDA, DA	S, FOU and BBU						JUT	1
Model Number:	BDA/MU (RX78V3-A332	-							-
Serial Number:	AA2280504378	,		Test Re	port:	2301043	B-TR-001	(UUT1)	
		UU	<b>F</b> Properties					()	
Weight		Dimension (in)	-		Lowes	st Natura	l Freque	ncy (Hz)	
(lbs.)	Depth	Width	Height	Front	-Back		-Side		tical
50	8.0	13.0	19.3	N	/A	N	I/A	N	/A
	U	T Highest Passe	d Seismic Run Ini	formatio	<u>,</u>				,
Building Cod	e Test C	riteria	S <sub>DS</sub> (g)	z/h	I <sub>P</sub>	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g
		DATE OD	002.0	1.0	1				
CBC 2022	ICC-ES	AC156	2.5	0.0	1.5	3.20	2.40	1.67	0.67
Product Construct	ion Summary:		Test Mounting	Details:			ļ		
Enclosure: Aluminu	m Alloy								
Bracket: Carbon Ste	el	MMHAMUTM				PL PL		-	1
	4	OS	P-0796						
						Page 14	<u>S</u>		
Options/Subcomp	onent Summa <mark>ry:</mark>	<b>BY</b> · Timot	hy Piland				TRU	זר	
Description	Part Nui	nber					COMPLIAN		
N/A	N/A			164			1		
		DATE: U		14		mb			1
					Criti	calPoir	it		
		ALERANDA -		V.V		Com Com			1
				LOY					
		VIA DI		0/					в
		, BUI	DIMP						
					P Mari Ca	uerat 🥥 🥝 Loss of normal i	C pint		<u>v</u>
				an I	Loon of behavy the	water 🥥 🥥 teasy state	igture nutherailth		-
					Active IVE environ downs mail	nation 🥥 🥥 Sparr Linerat	skometies		I
						na 🧶 🧐 aru	G		
				1					
						1	W -		11
							NO		
			_						
			-1						
			-1						
			-1						
			UUT1 was wall n	nounted to	o the fix	ture using	four (4) N	110 Grad	e 8.8
			– bolts and flat wa						
			Unit maintained		-	-		-	
			manufacturer re					ntents we	re
			included in testi	ng per ope					

#### 2301043-CR-001-R0



Manufacturer:	Comba Telecom Inc.						
Model Line:	CriticalPoint™ BDA, DA	6, FOU and BBU				UUT	2
Model Number:	DAS/RU (RH78V3-A3300						
Serial Number:	AA2360167759	,		Test Report:	2301043-TR	2-001 (UUT2)	
		υυτ	Properties		2002010111		
Weight		Dimension (in)	•	Lowe	st Natural Fre	eauency (Hz)	
(lbs.)	Depth	Width	Height	Front-Back	Side-Sid		tical
49	8.0	13.0	19.3	N/A	N/A	N	I/A
	UU	T Highest Passe	d Seismic Run Info	•	,		,
Building Cod		-	S <sub>DS</sub> (g)	z/h l <sub>P</sub>	A <sub>FLX-H</sub> (g) A <sub>RIO</sub>	<sub>G-H</sub> (g) А <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g)
CBC 2022	ICC-ES	AC156 OR C	002.0 2.5 On	1.0 0.0 1.5		2.40 1.67	0.67
Product Constructi	on Summary:		Test Mounting	Details:			
Enclosure: Aluminur	n Alloy			15			
Bracket: Carbon Ste	el	OSF	-0796	K			
Options/Subcompo	onent Summa <mark>ry:</mark>	<b>BY:</b> Timoth	y Piland	P. O.L	(To		
Description	Part Nur	nber			COMPLIA		
		VA BUI					
			UUT2 was wall m bolts and flat was Unit maintained s manufacturer req included in testin	shers. structural integri juirement after s	ty and remaine hake table test	ed functional <sub>l</sub>	per

#### 2301043-CR-001-R0



Manufacturer:	Comba Telecom Inc.							
Model Line:	CriticalPoint™ BDA, DA	S, FOU and BBU				l	JUT	3
Model Number:	FOU (RHFOUV2F-E08UL							•
Serial Number:	T210900002			Test Report:	2301043	B-TR-001	(UUT3)	
		UU	<b>F</b> Properties	-				
Weight		Dimension (in)	=	Lowe	st Natura	l Freque	ncy (Hz)	
(lbs.)	Depth	Width	Height	Front-Back		-Side	1	tical
29	3.5	15.8	18.5	N/A	N	I/A	N	/A
	UU	T Highest Passe	d Seismic Run Info	ormation				
Building Code	Test C	riteria	S <sub>DS</sub> (g)	z/h l <sub>P</sub>	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g)
CBC 2022	ICC-ES	AC156 OR 0	2.5 0	1.0 0.0	3.20	2.40	1.67	0.67
Product Constructio	n Summary:		Test Mounting	Details:			•	
Enclosure: Hot-dip Ga	Ivanized Carbon Steel	H						
Bracket: Carbon Stee	- S		THE PARTY OF THE PARTY OF	-27				
	4	OS	P-0796	MCI	alente la constant de	10	A	
								-
Options/Subcompon	ent Summa <mark>ry:</mark>	<b>BY</b> : Timot	by Piland	and the second	College College			
Description	Part Nui	nber				TRI		
N/A	N/A		1/04/2024	1 1 101		COMPLIAN		
		DATE: U	2024	ALM.	4	100 M	/ H 🔤	10
				CON	nbo	in	1 m	
				A CONTRACT OF		4		
				Critica	lPoint			1
		1,		N/ The			6 m/	
		YA RIT	- JAIG				• //	
		501					ill	
			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	and an				
						Combo Mutex Crist Presser It.		
					-	No. 2010 Balance And Polyana Charles And an And Park No. 2011 Date of Reference Station - Station Line and		
			-					
			-1					
			-1					
			UUT3 was wall m	ounted to the fi	xture using	four (4) N	46 Grade	8.8 bolts
			and flat washers.		0			
			Unit maintained s	structural integr	ity and rem	nained fu	nctional p	ber
			manufacturer req				ntents we	re
			included in testin	g per operating	conditions	•		



Manufacturer:	Comba Telecom Inc.								
Model Line:	CriticalPoint™ BDA, DA	S, FOU and BBU					l I	JUT	4
Model Number:	BBU w/ 60AH LiFePO4	-	_FP48060-SR)						-
Serial Number:	AA2203200001			Test Re	port:	2301043	B-TR-001	(UUT4)	
		UUT	Properties	-				, ,	
Weight		Dimension (in)			Lowes	t Natura	l Freque	ncy (Hz)	
(lbs.) <sup>1</sup>	Depth	Width	Height	Front	-Back	Side	-Side	Ver	tical
140	10.3	23.8	23.5	N	/A	N	I/A	N	I/A
	UU	T Highest Passe	d Seismic Run Inf	ormatio	n				
Building Cod	e Test C	riteria	S <sub>DS</sub> (g)	z/h	I <sub>P</sub>	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g)
			002.0	1.0	4.5				
CBC 2022	ICC-ES	AC156	2.5 0	0.0	1.5	3.20	2.40	1.67	0.67
Product Constructi	ion Summary:		Test Mounting	Details:					•
Enclosure: Hot-dip (	Galvanized Carbon Steel						La D		
	No.	MWWWWWW			-	10 11 M		1/5	
	4	OS	-0796		21	and the second	TR		
					וייח				
Options/Subcompo	onent Summary:	<b>BY</b> · Timot	y Piland		1				
Description	Part Nu		ly i nand	1800		mba			
LiFePO4 Battery 60A	H		1/04/2020		Çn	ticalPoint			
(Comba Telecom)	BBUV3-I	.FP48060-SR	1/04/202		$\mathbb{N}$				
	F.				5			1	
					/				
		P. MINN		23×72	-				
		IA D.						1	
		BUI	DING			• • 22		2=	
							a. ( . )		
							- 1		
					Sec.				
				Ten			(I)		
Test Mounting Deta	ails:								
		]							
<sup>1</sup> The weight i	s the combination of th	ne unit and		100		-			
the battery.								-	
Unit: 58.5									
Battery: 81.5			UUT4 was wall m		o the fix	ture using	four (4) N	110 Grad	e 8.8
			bolts and flat was						
			Unit maintained		-				
			manufacturer rec					itents we	ere
L			included in testin	ig per ope	erating o	conditions	•		



Manufacturer:	Comba Telecom Inc.										
Model Line:		CriticalPoint™ BDA, DAS, FOU and BBU						JUT	5		
Model Number:	-	BU w/ 100AH LiFePO4 Battery (BBUV3-LFP48100-SR)							0015		
Serial Number:	AA2290029182		,	Test Re	port:	2301043	B-TR-001	(UUT5)			
		UUT	Properties					( )			
Weight		Dimension (in)									
(lbs.)	Depth	Width	Height	Front-Back		Side-Side N/A		Vertical N/A			
179	10.3	23.8	23.5								
	UU	T Highest Passe	d Seismic Run Info	ormatio	n						
Building Code	e Test C	riteria	S <sub>DS</sub> (g)	z/h	I <sub>P</sub>	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g)		
CBC 2022	ICC-ES AC156 OR C		OD2.0	1.0	1.5	3.20	2.40	1.67	0.67		
CDC 2022	ICC-L3	ICC-L3 AC130		0.0	1.5	3.20	2.40	1.67	0.67		
Product Constructi	on Summary:		Test Mounting	Details:							
Enclosure: Hot-dip G	alvanized Carbon Steel			HE 7							
	S			E SA							
	2	OSI	P-0796 🌄	THE A			TRU				
							5				
Options/Subcompo	nent Summa <mark>ry:</mark>	<b>BY:</b> Timot	by Piland		Co	mba					
Description	Part Nul				Crit	calPoint					
LiFePO4 Battery 100A	AH IBBUIV3-I	FP48100-SR	1/04/2024		~			A			
(Comba Telecom)		1740100-5K U	17047202					1			
					2			11			
		ANN NAMES			6	100 M		14			
		P. MINN		QV/							
		ADU									
		. BUI	IDING		- 65						
			1 🦞		Jue	Q.					
					GAL !						
							a				
								A			
Test Mounting Deta	ils:							R			
		]					HNA	R			
-	s the combination of th	e unit and									
the battery.											
Unit: 58.5 Batteny: 120 5	:										
Battery: 120.5			UUT5 was wall m		o the fix	ture using	four (4) N	410 Grade	e 8.8		
			bolts and flat was		1:	ا، من ا	ata - 10				
			Unit maintained s		-						
			manufacturer req included in testin					itents we	ie		
			Included in testin	8 hei ohi	eraung		•				

#### 2301043-CR-001-R0



Manufacturer:	Comba Telecom Inc.							
Model Line:	CriticalPoint™ BDA, DAS	, FOU and BBU				I	JUT	6
Model Number:	CPAPV1 (CPAPV1-DC-B-	UL-SR)						•
Serial Number:	AA2134022344			Test Report	: 230104	3-TR-001	(UUT6)	
		UUT	Properties					
Weight	Dimension (in) Lowest Natural Frequency (							
(lbs.)	Depth	Width	Height	Front-Ba	ck Sid	e-Side	e-Side Verti	
8	3.1	7.8	11.8	N/A		N/A	N	/A
	רטט	<sup>-</sup> Highest Passe	d Seismic Run Inf	ormation			-	
Building Code	Test Cr	iteria	S <sub>DS</sub> (g)	z/h	I <sub>P</sub> A <sub>FLX-H</sub> (	g) A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g)
CBC 2022	ICC-ES	AC156 OR C	2.5-0	1.0 0.0	L.5 3.20	2.40	1.67	0.67
Product Constructio	n Summary:		Test Mounting	Details:			÷	
Options/Subcompor	ient Summary:	OS BY: Timot	P-07 6					
Description	Part Nun	nber						
		VIA BUI		EFFERENCE EMERGENCE ALAR ALAR Management Man	CERA M PA UT 10 CONTRACTOR CONTRA	ren de la companya de Indexe de la companya de la compa		
			UUT6 was wall m bolts and flat wa Unit maintained manufacturer rec included in testir	shers. structural inte quirement aft	egrity and re er shake tab ng condition	mained fu e test. Coi s.	nctional p ntents we	oer re