

User's Manual

Product Name: 24 GHz Automotive Radar
(C6 Radar)

Model Number: 6208428

Please print this document in A4 size.

KOMATSU

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1 PREFACE

1.1 DISCLAIMER

Komatsu Ltd. reserves the right to make modifications, additions, and deletions to this document due to typographical errors, inaccurate information, or improvements to programs and/or equipment at any time and without notice. Such changes will, nevertheless, be incorporated into new editions of this document.

1.2 INTENDED USAGE

This manual is intended for anyone who attempts to operate 24 GHz Automotive Radar(C6 Radar) '6208428' in the first place and provides appropriate procedures for anyone who is engaged in handling/building them in a safe manner.

1.3 COMPLIANCE NOTICE

Please read the section "Compliance Notice" for locale-specific information regarding labelling, safety related statements.

2 Document Information

Revision History

Revision	Date	Author(s)	Description/comment
1.0	2024/10/22	Y. Abe	Publication of the First Edition

3 Specification of Hardware

3.1 Outline Dimensions and Mass

(1) Dimensions of Outline (Dimensions are in millimeters)

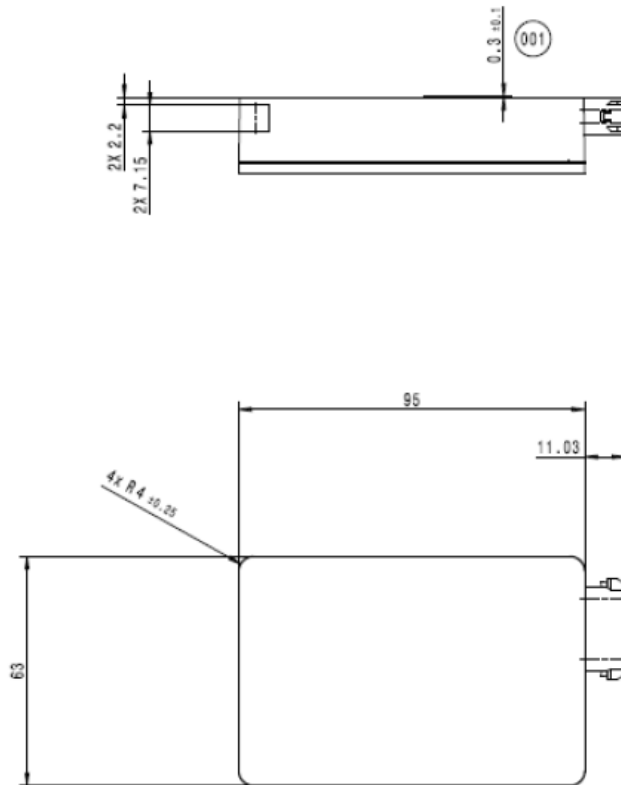


Figure.1 Dimensions

(2) Mass: 0.140 [kilograms]

3.2 Maximum Radio-Frequency Power

Frequency [GHz]	Max Output Power
24.05 – 24.25 (ISM Signal)	20 [dBm]
24.05 – 26.65 (UWB Signal)	-41.3 [dBm/MHz]

4 Compliance Notice

4.1 European Union



- Manufacturer/Importer

Hereby, the Manufacturer/Importer:

The Manufacturer	The Importer
Veoneer US, LLC 26360 American Drive Southfield, Michigan, 48034 United States of America 	KOMATSU EUROPE INT. Mechelsesteenweg 586 B-1800 Vilvoorde, Belgium

- Safety

Please refer to the vehicle manual for information on safety.

- Simplified Declaration of Conformity

[EN] English	Hereby, Veoneer US, LLC declares that the radio equipment type 6208428 is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: https://www.komatsu.eu/komtrax-radio-equipment-directive
[BG] Bulgarian	С настоящото Veoneer US, LLC декларира, че този тип радиосъоръжение 6208428 е в съответствие с Директива 2014/53/ЕС. Цялостният текст на ЕС декларацията за съответствие може да се намери на следния интернет адрес: https://www.komatsu.eu/komtrax-radio-equipment-directive
[HR] Croatian	Veoneer US, LLC ovime izjavljuje da je radijska oprema tipa 6208428 u skladu s Direktivom 2014/53/EU. Cjeloviti tekst EU izjave o sukladnosti dostupan je na sljedećoj internetskoj adresi: https://www.komatsu.eu/komtrax-radio-equipment-directive
[CS] Czech	Tímto Veoneer US, LLC prohlašuje, že typ rádiového zařízení 6208428 je v souladu se směrnicí 2014/53/EU. Úplné znění EU prohlášení o shodě je k dispozici na této internetové adrese: https://www.komatsu.eu/komtrax-radio-equipment-directive
[DA] Danish	Hermed erklærer Veoneer US, LLC, at radioudstyrstypen 6208428 er overensstemmelse med direktiv 2014/53/EU. EU-overensstemmelseserklæringens fulde tekst kan findes på følgende internetadresse: https://www.komatsu.eu/komtrax-radio-equipment-directive
[NL] Dutch	Hierbij verklaar ik, Veoneer US, LLC, dat het type radioapparatuur 6208428 conform is met Richtlijn 2014/53/EU. De volledige tekst van de EU-conformiteitsverklaring kan worden geraadpleegd op het volgende internetadres: https://www.komatsu.eu/komtrax-radio-equipment-directive
[ET] Estonian	Käesolevaga deklareerib Veoneer US, LLC, et käesolev raadioseadme tüüp 6208428 vastab direktiivi 2014/53/EL nõuetele. ELi vastavusdeklaratsiooni täielik tekst on kättesaadav järgmisel internetiaadressil: https://www.komatsu.eu/komtrax-radio-equipment-directive
[FI] Finnish	Veoneer US, LLC vakuuttaa, että radiolaitetyyppi 6208428 on direktiivin 2014/53/EU mukainen. EU-vaatimustenmukaisuusvakuutuksen täysimittainen teksti on saatavilla seuraavassa internetosoitteessa: https://www.komatsu.eu/komtrax-radio-equipment-directive

[FR] French	Le soussigné, Veoneer US, LLC, déclare que l'équipement radioélectrique du type 6208428 est conforme à la directive 2014/53/UE. Le texte complet de la déclaration UE de conformité est disponible à l'adresse internet suivante: https://www.komatsu.eu/komtrax-radio-equipment-directive
[DE] German	Hiermit erklärt Veoneer US, LLC, dass der Funkanlagentyp 6208428 der Richtlinie 2014/53/EU entspricht. Der vollständige Text der EU-Konformitätserklärung ist unter der folgenden Internetadresse verfügbar: https://www.komatsu.eu/komtrax-radio-equipment-directive
[EL] Greek	Με την παρούσα ο/η Veoneer US, LLC, δηλώνει ότι ο ραδιοεξοπλισμός 6208428 πληροί την οδηγία 2014/53/ΕΕ. Το πλήρες κείμενο της δήλωσης συμμόρφωσης ΕΕ διατίθεται στην ακόλουθη ιστοσελίδα στο διαδίκτυο: https://www.komatsu.eu/komtrax-radio-equipment-directive
[HU]Hungarian	Veoneer US, LLC igazolja, hogy a 6208428 típusú rádióberendezés megfelel a 2014/53/EU irányelvnek. Az EU-megfelelőségi nyilatkozat teljes szövege elérhető a következő internetes címen: https://www.komatsu.eu/komtrax-radio-equipment-directive
[GA] Irish	Dearbhaíonn Veoneer US, LLC leis sin, go bhfuil an cineál trealaimh raidió 6208428 i gcomhréir le Treoir 2014/53/AE. Tá téacs iomlán de Dhearbhú Comhréireachta AE ar fáil ag an seoladh idirlín seo a leanas: https://www.komatsu.eu/komtrax-radio-equipment-directive
[IT] Italian	Il fabbricante, Veoneer US, LLC, dichiara che il tipo di apparecchiatura radio 6208428 è conforme alla direttiva 2014/53/UE. Il testo completo della dichiarazione di conformità UE è disponibile al seguente indirizzo Internet: https://www.komatsu.eu/komtrax-radio-equipment-directive
[LV] Latvian	Ar šo Veoneer US, LLC deklarē, ka radioiekārta 6208428 atbilst Direktīvai 2014/53/ES. Pilns ES atbilstības deklarācijas teksts ir pieejams šādā interneta vietnē: https://www.komatsu.eu/komtrax-radio-equipment-directive
[LT] Lithuanian	Aš, Veoneer US, LLC, patvirtinu, kad radijo įrenginių tipas 6208428 atitinka Direktyvą 2014/53/ES. Visas ES atitikties deklaracijos tekstas prieinamas šiuo interneto adresu: https://www.komatsu.eu/komtrax-radio-equipment-directive
[LU] Luxembourgish	Heimat deklaréiert Veoneer US, LLC, datt de Radio vum Gerättyp 6208428 d'd'Virusssetzunge vun der Riichtlinn 2014/53/EU erfëllt. De ganzen Text vun der EU Konformitéitserklärung ass op der follgender Internetadress verfügbar: https://www.komatsu.eu/komtrax-radio-equipment-directive
[MT] Maltese	B'dan, Veoneer US, LLC, niddikjara li dan it-tip ta' tagħmir tar-radju 6208428 huwa konformi mad-Direttiva 2014/53/UE. It-test kollu tad-dikjarazzjoni ta' konformità tal-UE huwa disponibbli f'dan l-indirizz tal-Internet li ġej: https://www.komatsu.eu/komtrax-radio-equipment-directive
[PL] Polish	Veoneer US, LLC niniejszym oświadczca, że typ urządzenia radiowego 6208428 jest zgodny z dyrektywą 2014/53/UE. Pełny tekst deklaracji zgodności UE jest dostępny pod następującym adresem internetowym: https://www.komatsu.eu/komtrax-radio-equipment-directive
[PT] Portuguese	O(a) abaixo assinado(a) Veoneer US, LLC declara que o presente tipo de equipamento de rádio 6208428 está em conformidade com a Diretiva 2014/53/UE. O texto integral da declaração de conformidade está disponível no seguinte endereço de Internet: https://www.komatsu.eu/komtrax-radio-equipment-directive
[RO] Romanian	Prin prezenta, Veoneer US, LLC declară că tipul de echipamente radio 6208428 este în conformitate cu Directiva 2014/53/UE. Textul integral al declarației UE de conformitate este disponibil la următoarea adresă internet: https://www.komatsu.eu/komtrax-radio-equipment-directive
[SK] Slovak	Veoneer US, LLC týmto vyhlasuje, že rádiové zariadenie typu 6208428 je v súlade so smernicou 2014/53/EÚ. Úplné EÚ vyhlásenie o zhode je k dispozícii na tejto internetovej adrese: https://www.komatsu.eu/komtrax-radio-equipment-directive
[SL] Slovenian	Veoneer US, LLC potrjuje, da je tip radijske opreme 6208428 skladen z Direktivo 2014/53/EU. Celotno besedilo izjave EU o skladnosti je na voljo na naslednjem spletnem naslovu: https://www.komatsu.eu/komtrax-radio-equipment-directive

[ES] Spanish	Por la presente, Veoneer US, LLC declara que el tipo de equipo radioeléctrico 6208428 es conforme con la Directiva 2014/53/UE. El texto completo de la declaración UE de conformidad está disponible en la dirección Internet siguiente: https://www.komatsu.eu/komtrax-radio-equipment-directive
[SV]Swedish	Härmed försäkrar Veoneer US, LLC att denna typ av radioutrustning 6208428 överensstämmer med direktiv 2014/53/EU. Den fullständiga texten till EU-försäkran om överensstämmelse finns på följande webbadress: https://www.komatsu.eu/komtrax-radio-equipment-directive
[IS] Icelandic	Hér með lýsir Veoneer US, LLC því yfir að tegund fjarskiptabúnaðar 6208428 er í samræmi við tilskipun 2014/53/ESB. Fullur texti ESB samræmisýfirlýsingarinnar er fáanlegur á eftirfarandi netfangi: https://www.komatsu.eu/komtrax-radio-equipment-directive
[NO] Norwegian	Veoneer US, LLC erklærer herved at typen av radioutstyr 6208428 er i samsvar med direktiv 2014/53/EU. Den fullstendige teksten i EU-samsvarserklæringen er tilgjengelig på følgende internettadresse: https://www.komatsu.eu/komtrax-radio-equipment-directive
[AN] Albanian	Përmes kësaj, Veoneer US, LLC deklaron se lloji i pajisjes radio 6208428 është në përputhje me Direktivën 2014/53/BE. Teksti i plotë i deklaratës së konformitetit të BE-së është i disponueshëm në adresën e mëposhtme të internetit: https://www.komatsu.eu/komtrax-radio-equipment-directive
[ME] Montenegro	Ovim, Veoneer US, LLC izjavljuje da je tip radio opreme 6208428 u skladu sa Direktivom 2014/53/EU. Cijeli tekst EU deklaracije o poštovanju dostupan je na slijedećoj internet adresi: https://www.komatsu.eu/komtrax-radio-equipment-directive
[TR] Turkish	İşbu belgeyle, Veoneer US, LLC 6208428 radyo ekipmanı tipinin, 2014/53/EU Direktifi ile uyumlu olduğunu beyan eder. AB uygunluk beyanının tam metnini aşağıdaki internet adresinde bulabilirsiniz: https://www.komatsu.eu/komtrax-radio-equipment-directive

4.2 Serbia

UPUTSTVA ZA RUKOVANJE

Za uputstva o radu sa bežičnom opremom, molimo vas da se obratite priručniku za građevinsku opremu koju posjedujete.

