



Certificate of Equipment Authorization

(Not Transferable)

Nº **05829-25-12152**

Expires: **Indeterminada**
Date of Certificate: **29/10/2025**

Applicant: **CNPJ: 74.482.258/0001-08**
BETA TELECOM CONSULTORIA E COMERCIO LTDA

Manufacturer: **ASTRONICS CSC**
804 S. NORTHPOINT BLVD
Nº
IL 60085
ESTADOS UNIDOS DA AMÉRICA

This document approves, in accordance with the Telecommunication Rules and Regulations, the Certificate of Conformity number BRC-24.2829.01, issued by **Brasil Certificacoes Ltda.** This approval is issued on behalf of the applicant here identified and is valid only for the product described below for use under the Anatel's Rules and Regulations.

Type - Category:

Estação Terminal de Acesso

Model - Commercial Name (s)
700-00037-C11

Basic technical characteristics:

Potência Máxima de Saída (W)	Designação de Emissões	Tipo de Modulação	Faixa de Frequências Tx (MHz)	Tecnologia
0,3451	5M00G7W		824,0 a 849,0	WCDMA/HSDPA/HSUPA
0,3664	5M00G7W		898,5 a 901,0	WCDMA/HSDPA/HSUPA
0,3664	5M00G7W		905,0 a 915,0	WCDMA/HSDPA/HSUPA
0,2333	5M00G7W		1.895,0 a 1.900,0	WCDMA/HSDPA/HSUPA
0,1871	5M00G7W		1.920,0 a 1.980,0	WCDMA/HSDPA/HSUPA
0,2244	3M00G7W, 5M00G7W, 10M0G7W	QPSK, 16QAM	703,0 a 748,0	LTE
0,2244	15M0G7W, 20M0G7W	QPSK, 16QAM	703,0 a 748,0	LTE
0,2864	1M40G7W, 3M00G7W, 5M00G7W	QPSK, 16QAM	824,0 a 849,0	LTE
0,2864	10M0G7W	QPSK, 16QAM	824,0 a 849,0	LTE
0,1807	1M40G7W, 3M00G7W, 5M00G7W	QPSK, 16QAM	898,5 a 901,0	LTE
0,1807	1M40G7W, 3M00G7W, 5M00G7W	QPSK, 16QAM	905,0 a 915,0	LTE
0,2488	1M40G7W, 3M00G7W, 5M00G7W	QPSK, 16QAM	1.710,0 a 1.785,0	LTE
0,2488	10M0G7W, 15M0G7W, 20M0G7W	QPSK, 16QAM	1.710,0 a 1.785,0	LTE
0,1871	1M40G7W, 3M00G7W, 5M00G7W	QPSK, 16QAM	1.895,0 a 1.900,0	LTE
0,2317	5M00G7W, 10M0G7W, 15M0G7W	QPSK, 16QAM	1.890,0 a 1.910,0	LTE
0,2317	20M0G7W	QPSK, 16QAM	1.890,0 a 1.910,0	LTE
0,2317	5M00G7W, 10M0G7W, 15M0G7W	QPSK, 16QAM	1.920,0 a 1.980,0	LTE
0,2317	20M0G7W	QPSK, 16QAM	1.920,0 a 1.980,0	LTE
0,2399	5M00G7W, 10M0G7W, 15M0G7W	QPSK, 16QAM	2.300,0 a 2.400,0	LTE
0,2399	20M0G7W	QPSK, 16QAM	2.300,0 a 2.400,0	LTE
0,2483	5M00G7W, 10M0G7W, 15M0G7W	QPSK, 16QAM	2.500,0 a 2.570,0	LTE
0,2483	20M0G7W	QPSK, 16QAM	2.500,0 a 2.570,0	LTE
0,2393	5M00G7W, 10M0G7W, 15M0G7W	QPSK, 16QAM	2.570,0 a 2.620,0	LTE
0,2393	20M0G7W	QPSK, 16QAM	2.570,0 a 2.620,0	LTE
0,2612	5M00G7W, 10M0G7W, 15M0G7W	QPSK, 16QAM	3.300,0 a 3.800,0	LTE
0,2612	20M0G7W	QPSK, 16QAM	3.300,0 a 3.800,0	LTE
0,1774	5M00G7W, 10M0G7W, 15M0G7W	p/2-BPSK, QPSK, 16QAM, 64QAM, 256QAM	703,0 a 748,0	NR SA / NSA-INTERB
0,1774	20M0G7W, 30M0G7W	p/2-BPSK, QPSK, 16QAM, 64QAM, 256QAM	703,0 a 748,0	NR SA / NSA-INTERB
0,152	5M00G7W, 10M0G7W, 15M0G7W	p/2-BPSK, QPSK, 16QAM, 64QAM, 256QAM	824,0 a 849,0	NR SA / NSA-INTERB
0,152	20M0G7W	p/2-BPSK, QPSK, 16QAM, 64QAM, 256QAM	824,0 a 849,0	NR SA / NSA-INTERB
0,2494	5M00G7W, 10M0G7W, 15M0G7W	p/2-BPSK, QPSK, 16QAM, 64QAM, 256QAM	898,5 a 901,0	NR SA
0,2494	20M0G7W	p/2-BPSK, QPSK, 16QAM, 64QAM, 256QAM	898,5 a 901,0	NR SA
0,2494	5M00G7W, 10M0G7W, 15M0G7W	p/2-BPSK, QPSK, 16QAM, 64QAM, 256QAM	905,0 a 915,0	NR SA
0,2494	20M0G7W	p/2-BPSK, QPSK, 16QAM, 64QAM, 256QAM	905,0 a 915,0	NR SA
0,171	5M00G7W, 10M0G7W, 15M0G7W	p/2-BPSK, QPSK, 16QAM, 64QAM, 256QAM	1.710,0 a 1.785,0	NR SA / NSA-INTERB

Potência Máxima de Saída (W)	Designação de Emissões	Tipo de Modulação	Faixa de Frequências Tx (MHz)	Tecnologia
0,171	20M0G7W, 25M0G7W, 30M0G7W	p/2-BPSK, QPSK, 16QAM, 64QAM, 256QAM	1.710,0 a 1.785,0	NR SA / NSA-INTERB
0,171	40M0G7W	p/2-BPSK, QPSK, 16QAM, 64QAM, 256QAM	1.710,0 a 1.785,0	NR SA / NSA-INTERB
0,1606	5M00G7W, 10M0G7W, 15M0G7W	p/2-BPSK, QPSK, 16QAM, 64QAM, 256QAM	1.895,0 a 1.900,0	NR SA / NSA-INTERB
0,1606	20M0G7W	p/2-BPSK, QPSK, 16QAM, 64QAM, 256QAM	1.895,0 a 1.900,0	NR SA / NSA-INTERB
0,263	5M00G7W, 10M0G7W, 15M0G7W	p/2-BPSK, QPSK, 16QAM, 64QAM, 256QAM	1.920,0 a 1.980,0	NR SA / NSA-INTERB
0,263	20M0G7W, 30M0G7W, 40M0G7W	p/2-BPSK, QPSK, 16QAM, 64QAM, 256QAM	1.920,0 a 1.980,0	NR SA / NSA-INTERB
0,2388	10M0G7W, 15M0G7W, 20M0G7W	p/2-BPSK, QPSK, 16QAM, 64QAM, 256QAM	2.300,0 a 2.400,0	NR SA / NSA-INTERB
0,2388	30M0G7W, 40M0G7W, 50M0G7W	p/2-BPSK, QPSK, 16QAM, 64QAM, 256QAM	2.300,0 a 2.400,0	NR SA / NSA-INTERB
0,2388	60M0G7W, 80M0G7W	p/2-BPSK, QPSK, 16QAM, 64QAM, 256QAM	2.300,0 a 2.400,0	NR SA / NSA-INTERB
0,3273	5M00G7W, 10M0G7W, 15M0G7W	p/2-BPSK, QPSK, 16QAM, 64QAM, 256QAM	2.500,0 a 2.570,0	NR SA
0,3273	20M0G7W, 25M0G7W, 30M0G7W	p/2-BPSK, QPSK, 16QAM, 64QAM, 256QAM	2.500,0 a 2.570,0	NR SA
0,3273	40M0G7W	p/2-BPSK, QPSK, 16QAM, 64QAM, 256QAM	2.500,0 a 2.570,0	NR SA
0,2466	10M0G7W, 15M0G7W, 20M0G7W	p/2-BPSK, QPSK, 16QAM, 64QAM, 256QAM	3.300,0 a 3.800,0	NR SA / NSA-INTERB
0,2466	30M0G7W, 40M0G7W, 50M0G7W	p/2-BPSK, QPSK, 16QAM, 64QAM, 256QAM	3.300,0 a 3.800,0	NR SA / NSA-INTERB
0,2466	60M0G7W, 70M0G7W, 80M0G7W	p/2-BPSK, QPSK, 16QAM, 64QAM, 256QAM	3.300,0 a 3.800,0	NR SA / NSA-INTERB
0,2466	90M0G7W, 100MG7W	p/2-BPSK, QPSK, 16QAM, 64QAM, 256QAM	3.300,0 a 3.800,0	NR SA / NSA-INTERB

Terminal com tecnologia 5G Standalone e Non-Standalone Interband.

Possui antena integrada.

Possui protocolo IPv6.

Ensaio de SAR não aplicável: o equipamento não é terminal portátil.

A norma de telecom (da tecnologia celular) não estão sendo referenciadas pelo fato do equipamento utilizar internamente o módulo EM9191, fabricante: Sierra Wireless, ULC, homologado sob o Nº.01943-25-01568, sendo esta certificação vinculada à vigência da referida homologação.

Constitutes an obligation of the manufacturer or supplier of the product in Brazil to identify all approved products with Anatel's mark before its distribution to the market, as well as observe and maintain the technical characteristics which motivated the original certification.

The information in this Approval Certificate can be confirmed in the Certification and Approval Management System - SCH, available on Anatel's website. (www.anatel.gov.br).

Marcos Vieira Baeta Neves

Gerente de Certificação e Numeração