

**TCB****GRANT OF EQUIPMENT  
AUTHORIZATION****TCB**

**Certification**  
**Issued Under the Authority of the**  
**Federal Communications Commission**  
**By:**

**MiCOM Labs**  
**575 Boulder Court**  
**Pleasanton, CA 94566**

**Date of Grant: 01/06/2022**

**Application Dated: 01/06/2022**

**Bressner Technology GmbH**  
**Industriestrasse 51**  
**Groebenzell, 82194**  
**Germany**

**Attention: Alexander Pluntke**

**NOT TRANSFERABLE**

EQUIPMENT AUTHORIZATION is hereby issued to the named GRANTEE, and is  
 VALID ONLY for the equipment identified hereon for use under the Commission's  
 Rules and Regulations listed below.

**FCC IDENTIFIER:** 2A24CSCORPION12S  
**Name of Grantee:** Bressner Technology GmbH  
**Equipment Class:** PCS Licensed Transmitter  
**Notes:** Scorpion 12S

<u>Grant Notes</u>	<u>FCC Rule Parts</u>	<u>Frequency Range (MHZ)</u>	<u>Output Watts</u>	<u>Frequency Tolerance</u>	<u>Emission Designator</u>
	24E	1852.4 - 1907.6	0.477529	0.013207 PM	4M14F9W
	27	1710.0 - 1755.0	0.294442	0.013028 PM	4M14F9W
	22H	826.4 - 846.6	0.310456	0.028599 PM	4M14F9W
	24E	1860.0 - 1900.0	0.144877	0.00484 PM	17M9G7D
	24E	1860.0 - 1900.0	0.124165	0.005 PM	17M9W7D
	27	1720.0 - 1745.0	0.179887	0.00571 PM	18M0G7D
	27	1720.0 - 1745.0	0.157761	0.00404 PM	17M9W7D
	22H	829.0 - 844.0	0.183231	0.01184 PM	8M96G7D
	22H	829.0 - 844.0	0.162555	0.01124 PM	8M92W7D
	27	704.0 - 711.0	0.201837	0.01894 PM	8M99G7D
	27	704.0 - 711.0	0.20197	0.01286 PM	8M97W7D
	27	782.0 - 782.0	0.165959	0.0124 PM	8M96G7D
	27	782.0 - 782.0	0.128233	0.0124 PM	8M95W7D
	90	793.0 - 793.0	0.164059	0.01006 PM	9M01G7D
	90	793.0 - 793.0	0.161436	0.01148 PM	8M96W7D
	27	1720.0 - 1770.0	0.18578	0.00768 PM	17M9G7D
	27	1720.0 - 1770.0	0.159221	0.00814 PM	17M9W7D
	27	673.0 - 688.0	0.20797	0.01962 PM	17M8G7D
	27	673.0 - 688.0	0.21429	0.02079 PM	17M8W7D

Power output listed is ERP for frequencies below 1GHz and EIRP for frequencies above 1GHz. SAR compliance for body-worn operating configurations is limited to the specific configurations tested for this filing. Body-worn operations are restricted to belt-clips, holsters or similar accessories that have no metallic component in the assembly and must provide at least 0 mm separation between the device and the body of the user. End-users must be informed of the body-worn operating requirements for satisfying RF exposure compliance. The highest reported SAR for body-worn accessory and simultaneous transmission use conditions is 1.20W/kg and 1.57W/kg respectively. This device also contains functions that are not operational in U.S. Territories. This filing is only applicable for US operations.

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**FCC IDENTIFIER:** 2A24CSCORPION12S  
**Name of Grantee:** Bressner Technology GmbH  
**Equipment Class:** Part 15 Spread Spectrum Transmitter  
**Notes:** Scorpion 12S

<u>Grant Notes</u>	<u>FCC Rule Parts</u>	<u>Frequency Range (MHZ)</u>	<u>Output Watts</u>	<u>Frequency Tolerance</u>	<u>Emission Designator</u>
CC	15C	2402.0 - 2480.0	0.00239		

Output power listed is conducted power.

CC: This device is certified pursuant to two different Part 15 rules sections.



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**FCC IDENTIFIER:** 2A24CSCORPION12S  
**Name of Grantee:** Bressner Technology GmbH  
**Equipment Class:** Digital Transmission System  
**Notes:** Scorpion 12S

<u>Grant Notes</u>	<u>FCC Rule Parts</u>	<u>Frequency Range (MHZ)</u>	<u>Output Watts</u>	<u>Frequency Tolerance</u>	<u>Emission Designator</u>
CC	15C	2402.0 - 2480.0	0.001648		
CC	15C	2412.0 - 2462.0	0.039628		

Output power listed is conducted power. This device contains 20 and 40 MHz signal bandwidth. SAR compliance for body-worn operating configurations is limited to the specific configurations tested for this filing. Body-worn operations are restricted to belt-clips, holsters or similar accessories that have no metallic component in the assembly and must provide at least 0mm separation between the device and the body of the user. End-users must be informed of the body-worn operating requirements for satisfying RF exposure compliance. The highest reported SAR for body-worn accessory and simultaneous transmission use conditions is 0.18W/kg and 1.38W/kg respectively.

CC: This device is certified pursuant to two different Part 15 rules sections.

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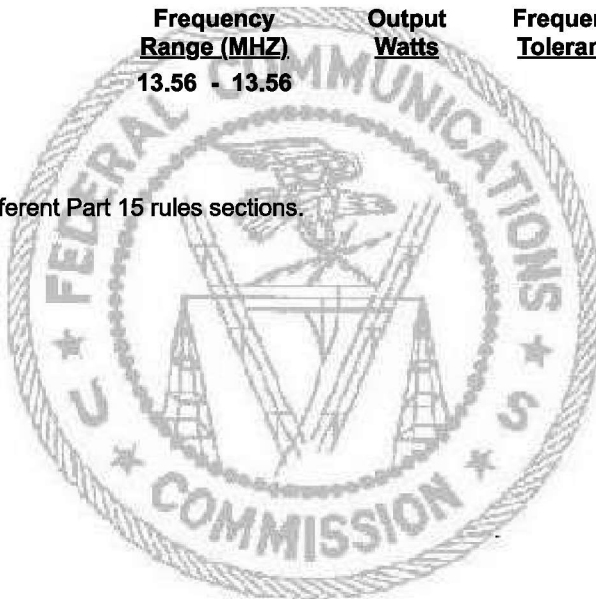
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**FCC IDENTIFIER:** 2A24CSCORPION12S  
**Name of Grantee:** Bressner Technology GmbH  
**Equipment Class:** Part 15 Low Power Communication Device  
Transmitter  
**Notes:** Scorpion 12S

<u>Grant Notes</u>	<u>FCC Rule Parts</u>	<u>Frequency Range (MHZ)</u>	<u>Output Watts</u>	<u>Frequency Tolerance</u>	<u>Emission Designator</u>
CC	15C	13.56 - 13.56			

CC: This device is certified pursuant to two different Part 15 rules sections.





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**FCC IDENTIFIER:** 2A24CSCORPION12S  
**Name of Grantee:** Bressner Technology GmbH  
**Equipment Class:** Unlicensed National Information Infrastructure TX  
**Notes:** Scorpion 12S

<u>Grant Notes</u>	<u>FCC Rule Parts</u>	<u>Frequency Range (MHZ)</u>	<u>Output Watts</u>	<u>Frequency Tolerance</u>	<u>Emission Designator</u>
38 CC	15E	5180.0 - 5240.0	0.016069		
38 CC	15E	5745.0 - 5825.0	0.016368		

Output power listed is conducted power. This device contains 20, 40 and 80 MHz signal bandwidth. SAR compliance for body-worn operating configurations is limited to the specific configurations tested for this filing. Body-worn operations are restricted to belt-clips, holsters or similar accessories that have no metallic component in the assembly and must provide at least 0 mm separation between the device and the body of the user. End-users must be informed of the body-worn operating requirements for satisfying RF exposure compliance. The highest reported SAR for body-worn accessory and simultaneous transmission use conditions is 0.38W/kg and 1.57W/kg respectively.

38: This device has shown compliance, in all grant-listed U-NII sub-bands, with the new rules for U-NII devices adopted under Docket No. 13-49 and may be marketed, manufactured or imported after the June 1, 2016 transition deadline.

CC: This device is certified pursuant to two different Part 15 rules sections.