



TCB

GRANT OF EQUIPMENT AUTHORIZATION  
Certification  
Issued Under the Authority of the  
Federal Communications Commission  
By:

TCB

Kiwa Nederland B.V.  
Wilmsdorf 50  
Apeldoorn, NL-7300 AC  
Netherlands

Date of Grant: 12/09/2024

Application  
Dated: 11/29/2024

SG Wireless Limited  
Unit 4, 5/F, Sun Fung Industrial Building  
8 Ma Kok Street, Tsuen Wan, New Territories  
Hong Kong,  
Hong Kong

Attention: Kenneth Wong , VP of Design and Development

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: 2AS9406  
Name of Grantee: SG Wireless Limited  
Equipment Class: PCS Licensed Transmitter  
Notes: F1 Smart Module  
Modular Type: Single Modular

Grant Notes	FCC Rule Parts	Frequency Range (MHZ)	Output Watts	Frequency Tolerance	Emission Designator
	24E	1852.5 - 1907.5	0.519	15.99 Hz	1M14G7D
	24E	1852.5 - 1907.5	0.52	15.82 Hz	980KW7D
	24E	1852.5 - 1907.5	0.52	15.99 Hz	1M14G7D
	27	1712.5 - 1752.5	0.649	15.85 Hz	1M12G7D
	27	1712.5 - 1752.5	0.615	15.55 Hz	970KW7D
	27	1712.5 - 1752.5	0.625	15.55 Hz	990KW7D
	22H	826.5 - 846.5	0.344	16.0 Hz	1M13G7D
	22H	826.5 - 846.5	0.332	15.85 Hz	1M05W7D
	27	701.5 - 713.5	0.435	20.05 Hz	1M12G7D
	27	701.5 - 713.5	0.434	20.23 Hz	980KW7D
	27	779.5 - 784.5	0.363	14.45 Hz	1M10G7D
	27	779.5 - 784.5	0.358	15.96 Hz	980KW7D
	27	779.5 - 784.5	0.365	14.45 Hz	1M12G7D
	27	779.5 - 784.5	0.364	15.96 Hz	960KW7D
	90	790.5 - 795.5	0.343	15.65 Hz	1M14G7D
	90	790.5 - 795.5	0.349	15.63 Hz	1M00W7D
	90	790.5 - 795.5	0.355	15.65 Hz	1M13G7D
	90	790.5 - 795.5	0.358	15.63 Hz	980KW7D
	27	706.5 - 713.5	0.436	15.81 Hz	1M13G7D
	27	706.5 - 713.5	0.429	18.86 Hz	1M01W7D
	27	706.5 - 713.5	0.441	15.81 Hz	1M14G7D
	27	706.5 - 713.5	0.43	18.86 Hz	1M01W7D
	24E	1852.5 - 1912.5	0.531	15.66 Hz	1M13G7D
	24E	1852.5 - 1912.5	0.537	15.88 Hz	980KW7D
	22H	826.5 - 846.5	0.337	15.26 Hz	1M11G7D
	22H	826.5 - 846.5	0.348	15.45 Hz	1M01W7D
	22H	826.5 - 846.5	0.341	15.26 Hz	1M12G7D



90	816.5 - 821.5	0.329	11.53 Hz	1M13G7D
90	816.5 - 821.5	0.323	15.24 Hz	1M00W7D
90	816.5 - 821.5	0.332	11.53 Hz	1M12G7D
90	816.5 - 821.5	0.336	15.24 Hz	970KW7D
27	1712.5 - 1777.5	0.644	14.24 Hz	1M14G7D
27	1712.5 - 1777.5	0.622	15.39 Hz	1M01W7D
27	665.5 - 695.5	0.461	15.31 Hz	1M16G7D
27	665.5 - 695.5	0.449	15.7 Hz	1M02W7D
27	665.5 - 695.5	0.467	15.31 Hz	1M12G7D
27	665.5 - 695.5	0.461	15.7 Hz	990KW7D
27	700.9 - 713.4	0.318	16.0 Hz	1M12G7D
27	700.9 - 713.4	0.316	15.72 Hz	960KW7D
27	700.9 - 713.4	0.318	15.72 Hz	950KW7D
24E	1850.1 - 1909.9	0.46	15.77 Hz	199KG7D
27	1710.1 - 1754.9	0.644	15.97 Hz	2M00G7D
22H	824.1 - 848.9	0.332	16.0 Hz	198KG7D
27	699.1 - 715.9	0.313	15.93 Hz	200KG7D
27	777.1 - 786.9	0.308	22.07 Hz	196KG7D
90	788.1 - 797.9	0.324	23.95 Hz	200KG7D
27	704.1 - 715.9	0.303	24.21 Hz	200KG7D
24E	1850.1 - 1914.9	0.467	24.34 Hz	196KG7D
22H	824.1 - 848.9	0.332	22.67 Hz	199KG7D
90	814.1 - 823.9	0.316	24.21 Hz	193KG7D
27	1710.1 - 1779.9	0.114	24.97 Hz	198KG7D
27	663.1 - 697.9	0.336	23.84 Hz	200KG7D
27	698.1 - 715.9	0.312	20.57 Hz	200KG7D
27	698.1 - 715.9	0.333	20.57 Hz	64K0G7D

Class II Permissive Change : The changes under this application are to

1. Change model name,
2. Remove the security IC patch.

Power Output is ERP for part 22, 90 and 27(Below 1GHz) and EIRP for Part 24 and 27(Above 1GHz). This grant is valid only when the module is sold to OEM integrators and must be installed by the OEM or OEM integrators. The antenna's as listed in this application must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users may not be provided with the module installation instructions. OEM integrators and end-users must be provided with transmitter operating conditions for satisfying RF exposure compliance.

This device contains functions that are not operational in U.S. Territories. This filing is only applicable for U.S. operations.

Certificate No.: 242181366/AA/00	Ron Scheepers Managing director	
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