

Date: 11/15/2024

Federal Communications Commission
Equipment Authorization Branch
7435 Oakland Mills Road
Columbia MD 20046

Ref FCC ID(s):

BCG-E8427A	BCG-E8138A
BCG-E8428A	BCG-E8142A
BCG-E8429A	BCG-E8143A
BCG-E8430A	BCG-E8144A
BCG-E8431A	BCG-E8139A
BCG-E8432A	BCG-E8146A
BCG-E8433A	BCG-E8147A
BCG-E8434A	BCG-E8148A
BCG-E8435A	BCG-E8140A
BCG-E8436A	BCG-E8150A
BCG-E8437A	BCG-E8151A
BCG-E8438A	BCG-E8152A
BCG-E8439A	BCG-E8141A
BCG-E8440A	BCG-E8154A
BCG-E8441A	BCG-E8155A
BCG-E8442A	BCG-E8156A

To whom it may concern:

This application for a permissive change is to add support for the Supplemental Coverage from Space (SCS) under Part 25 of FCC's rules. These SCS capabilities are added through software updates only, there are no hardware changes being made to the device. The rf emissions characteristics remains the same as described in the original equipment filing.

As these devices were approved prior to June 29, 2024 we are applying to use the temporary waiver process, which waives Sections 2.1043(c), 2.911(c) and (e), as permitted by FCC 24-28.

This application requests that the grants of authorization be revised to add SCS capabilities for the air interfaces and operating bands identified in the table below.

Band	Frequency		Technical Rule Parts	3GPP Band
	DL	UL		
600 MHz:	614-652 MHz	663-698 MHz	27.5 (c) 27.50 (c) 27.53 (g)	71 / n71 (see note 2)
700 MHz: 698-769 MHz 775 -799 MHz 805-806 MHz	729 – 746	699 – 716 MHz	27.5 (c) 27.50 (c) 27.53 (g)	12 / n12 / 17
	746 – 756	777 – 787 MHz	27.5 (b) 27.50 (b) 27.53 (f)	13 / n13
	758-769 MHz	788-799 MHz	90R	14 / n14 (See note 1, 2)
	805-806 MHz			
800 MHz:	869-894 MHz	824-849 MHz	22.H	CDMA 5 5 / n5 26 / n26 (partial)
Broadband PCS:	1930-1995 MHz 1995-2000 MHz	1850-1915 MHz 1915-1920 MHz	24E 24E	CDMA 2 2 / n2 25 / n25
Note 1: Technical requirements for SCS use of bands 14/n14, which fall under Part 90 of FCC rules, have been confirmed through a KDB inquiry.				
Note 2: Bands 71, n71, 14 and n14 are not supported by the following FCC IDs:				
BCG-E8429A		BCG-E8143A		
BCG-E8430A		BCG-E8144A		
BCG-E8433A		BCG-E8147A		
BCG-E8434A		BCG-E8148A		
BCG-E8437A		BCG-E8151A		
BCG-E8438A		BCG-E8152A		
BCG-E8441A		BCG-E8155A		
BCG-E8442A		BCG-E8156A		

Sincerely,

Abhishek Rala
Global Certification Manager
Apple Inc.