

# ADRad Communications

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Federal Communications Commission

Re:

Applicant:

FCC ID O78SC580

Smart Communications LTD

To Whom It May Concern:

This filing is for a frequency extension to a previous grant with FCCID O78SC580. The original grant was for a frequency range of 450 to 480 MHz. Requests from various customers in foreign countries that require FCC approval and various agencies have resulted in versions of this radio that also operate from 400 MHz to 430 MHz and 450 MHz to 512 MHz. There would be three versions of the radio, one that would cover slightly more than the original frequency range, 450 to 494 MHz, one that would cover the 400 to 430 MHz range, and a third unit that would cover the Part 90 "T" band 480 MHz through 512 MHz. All versions have the same case, battery options, antennas, operation, labeling, battery charger, and basic circuit topology.

Model Number	Start Frequency	Stop Frequency	FCC Part
SC-580A	400 MHz	430 MHZ	90
SC-580B	450 MHz	494 MHz	90
SC-580C	480 MHz	512 MHz	90
SC-581A	400 MHz	430 MHZ	90.210
SC-581B	450 MHz	494 MHz	90.210
SC-581C	480 MHz	512 MHz	90.210

Detailed measurement data for both narrow band and wide band operation has been submitted in the technical measurement file. As other items such as pictures are the same as the original SC580 approval, this was not repeated.

Sincerely,



Walter "Bud" Simciak  
Chief Engineer,  
**ADRad Communications, Inc.**