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FCC ID: XX6SC2324X

Compliance strategy used for SC2324 FCC Certification

SC2324 is a TETRA portable radio with TETRA operating in the frequency range 403 – 470 MHz. It includes GNSS functionality. The SC2324 is for professional use only, and can only be operated in the allowed 450-470 MHz licensed band in the USA.

The SC23 series of portable radios, along with SC2324, are derived models from the SC20 series. The SC23 series is the same as the SC20 series but has no Bluetooth/WLAN module and has a reduced keymat.

The following testing strategy has been used by Sepura for the SC2324 with FCC ID XX6SC2324X.

1. TETRA Intentional Radiator (47CFR90).

TETRA functionality, hardware and software has not been modified from the SC2024. Therefore, we have verified output power and spurious emissions have been unaffected by the removal of the Bluetooth WLAN module and leveraged the remaining results from the SC2024.

- a. 75959251-02 Issue 02 testing on SC2324. This report covers maximum conducted output power, spurious emissions at antenna terminals and radiated spurious emissions.
- b. Document 75958800-03 Issue 03 on SC2024. As the TETRA and Baseband PCB is the same for the SC2024 and SC2324, results for types of emission, bandwidth limitation, adjacent channel power, transient frequency behaviour and frequency stability may be leveraged for the SC2324 from the SC2024 report. These results will be the same between the two radios.

2. Unintentional Radiator (47CFR15B)

Unintentional transmissions have been tested.

- a. Unintentional radiator testing has been completed on the SC2324. Results are in Document 76622REM.003. This testing covers radiated emissions.

3. SAR (47CFR2)

SAR spot check testing has been completed on the SC2324



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- a. SAR testing on the SC2324 is covered in report 77562RAN.002. This is a spot check report to verify read across of all results from the 73396RAN.004A1 report on the SC2024.

4. MPE (47CFR2)

TETRA functionality, hardware and software has not been modified from the SC2024. Therefore, MPE results for TETRA for SC2024 are also applicable to the SC2324.

- a. Report 73396RAN.010 on SC2024. These results will be the same between the two radios.

Yours faithfully,



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