

23 September 2024

**FCC ID: XX6SC2328X**

## **Compliance strategy used for SC2328 FCC Certification**

SC2328 is a TETRA portable radio with TETRA operating in the frequency range 806-870MHz. It includes GNSS functionality.

The SC23 series of portable radios, along with SC2328, 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 SC2328 with FCC ID XX6SC2328X.

### **1. TETRA Intentional Radiator (47CFR90).**

TETRA functionality, hardware and software has not been modified from the SC2028. 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 SC2028.

- a. 75959251-01 Issue 01 testing on SC2328. This report covers maximum conducted output power, spurious emissions at antenna terminals and radiated spurious emissions.
- b. Document 75947270-05 Issue 01 on SC2028. As the TETRA and Baseband PCB is the same for the SC2028 and SC2328, results for types of emission, bandwidth limitation, adjacent channel power, transient frequency behaviour and frequency stability may be leveraged for the SC2328 from the SC2028 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 SC2328. Results are in Document 76622REM.004s. This testing covers radiated emissions.

### **3. SAR (47CFR2)**

Spot check SAR testing has been completed on the SC2328

- a. SAR testing on the SC2328 is covered in report 77562RAN.005. This is a spot check report to verify read across of all results from the 73396RAN.001A1 report on the SC2028.



4. MPE (47CFR2)

TETRA functionality, hardware and software has not been modified from the SC2028. Therefore, MPE results for TETRA for SC2028 are also applicable to the SC2328.

- a. Report 73396RAN.016A1s on SC2028. These results will be the same between the two radios.

Yours faithfully,



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