



## Justification Letter – Extended Frequency Range

FCC ID: CASTBA7H0

To meet the requirements of Federal Communications Commission (F.C.C.) publication, KDB634817 - Frequency Range Listings for Certification Grants, Tait Electronics Limited submits the following attestation.

This Base Station Transmitter has:

1. The design capability to operate in the frequency band 380-512 MHz.
2. Complies with 47CFR Part 90.203(e) in that the equipment operator cannot directly program transmit frequencies using the normally accessible external controls.

Programming this equipment is the responsibility of Tait Electronics Limited approved Service Agents

Tait Electronics Limited declares that the Type TBA7H0 Base Station Transceiver should not be programmed for use in the 406 to 406.1 MHz Mobile-Satellite Frequency Band. The following statement is placed in the Installation Guide to alert Service Agents.

*'Frequency Band 406 to 406.1 is reserved for use by distress beacons. Transmission should not be made within this frequency band.'*

In addition to the following rule parts applied for:

22 74 90 90.210 95A

This device may be utilised in systems operated by Federal and Public Safety agencies and the Military (380-399.9 MHz), as indicated in the table beneath.

The Grant Note 'EF' should be appended to the Grant of Authorisation, indicating this operation is required.

Freq. Range (MHz)	Part 90	Part 22	Part 74	Part 95A
380-399.9				
406.1-410	F			
410-420	F			
420-450	F/NF			
450-454	NF		NF	
454-455		NF		
455-456			NF	
456-460	NF	NF		
460-462.5375	NF			
462.5375-462.7375				NF
462.7375-467.5375	NF			
467.5375-467.7375				NF
467.7375-470	NF			
470-512	NF	NF	NF	

NF=Non Federal, F=Federal

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Christchurch, 20th November 2007