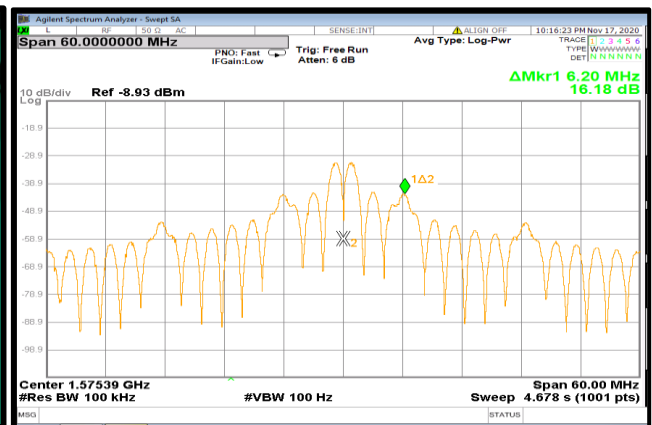
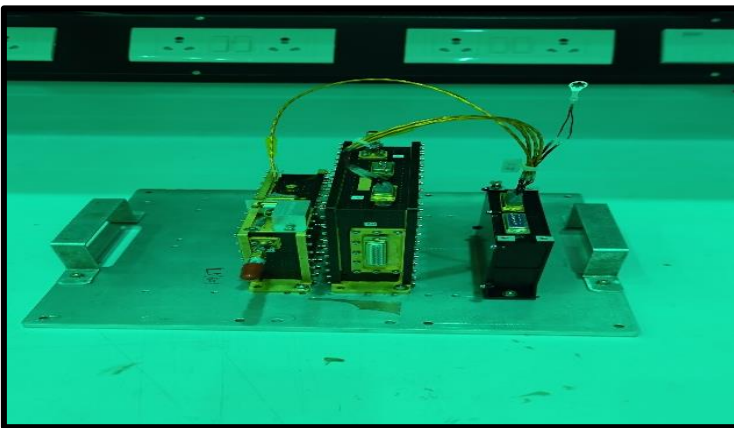


DIRECT DIGITAL MODULATOR

Space Application Centre (ISRO), Ahmedabad has designed and developed Direct Digital Modulator for L1/L5/S band for navigation applications. It is a low power compact re-configurable modulator for modulating baseband navigation signals to various RF bands.

- Generic hardware design for all designated band (L1, L5 and S).
- Re-configurable look-up-table based modulation design for flexible power sharing among various class of navigation services.
- Direct zero intermediate frequency (IF) to RF conversion, eliminating RF images reducing design complexity.
- Miniaturized design with low power, mass and small size offering more than 50% savings compared to its predecessors.



SAC/ISRO offers to transfer this technology of the Direct Digital Modulator for L1/L5/S band developed by SAC to industries in India with adequate experience and facilities. Enterprises interested in obtaining knowhow may register and submit their proposal to IN-SPACe, Ahmedabad at www.inspace.gov.in

For more details, Contact:

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