

Class 2 Permissive Change

Description of Changes to the Trimmark 3, FCC ID JUP-9414-450

Changes to Power Amplifier Board

The 25W PA Module (U4) was changed for an equivalent part because the original one became obsolete

Driver (U10) chip was changed for the same reason.

Changes to Digital RF Board

The synthesizer chip was changed for an equivalent part because the original one became obsolete.

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Plots are provide for a number of representative modulation types supported for by the 25W module:

Types of emission:

9600 baud GMSK(.5), 3.5 kHz deviation	20 kHz auth BW:	20K0F1D
19200 baud 4FSK 4.8 kHz deviation	20 kHz auth BW:	20K0F1D
Spurious out-of band emissions to 10fo		

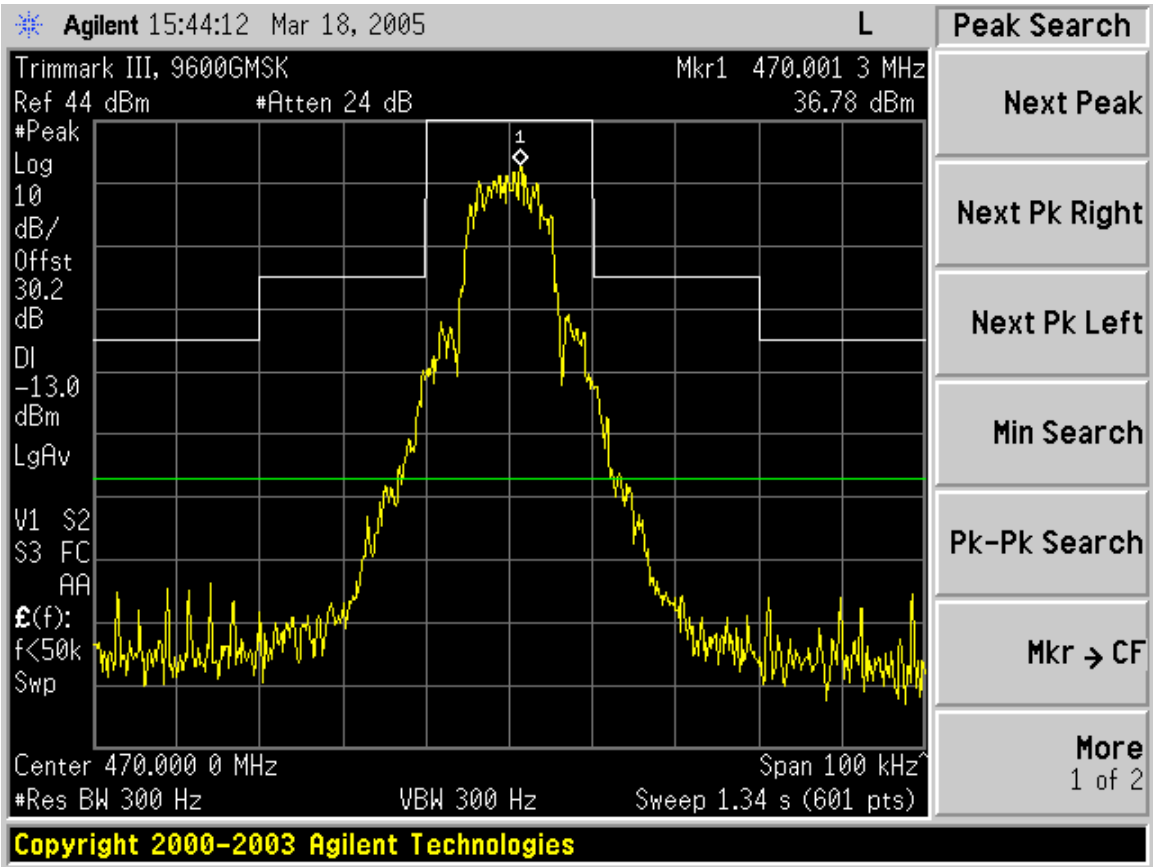
Schematics and photographs: refer to separate attachments

All measurements were performed at Compliance Certification Services, 561F Monterey Road, Morgan Hill, CA 95037.

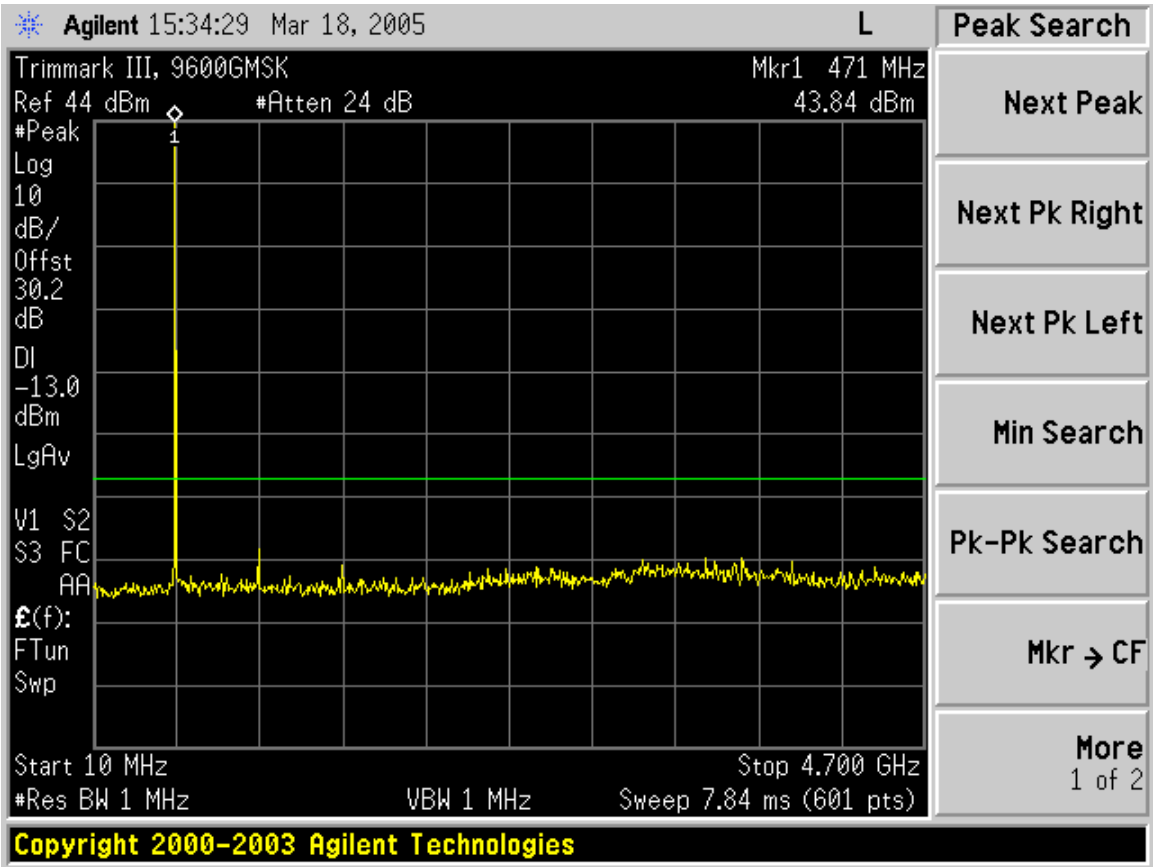
T.N. COKENIAS
Agent for Trimble Navigation Ltd.

21 March 2005

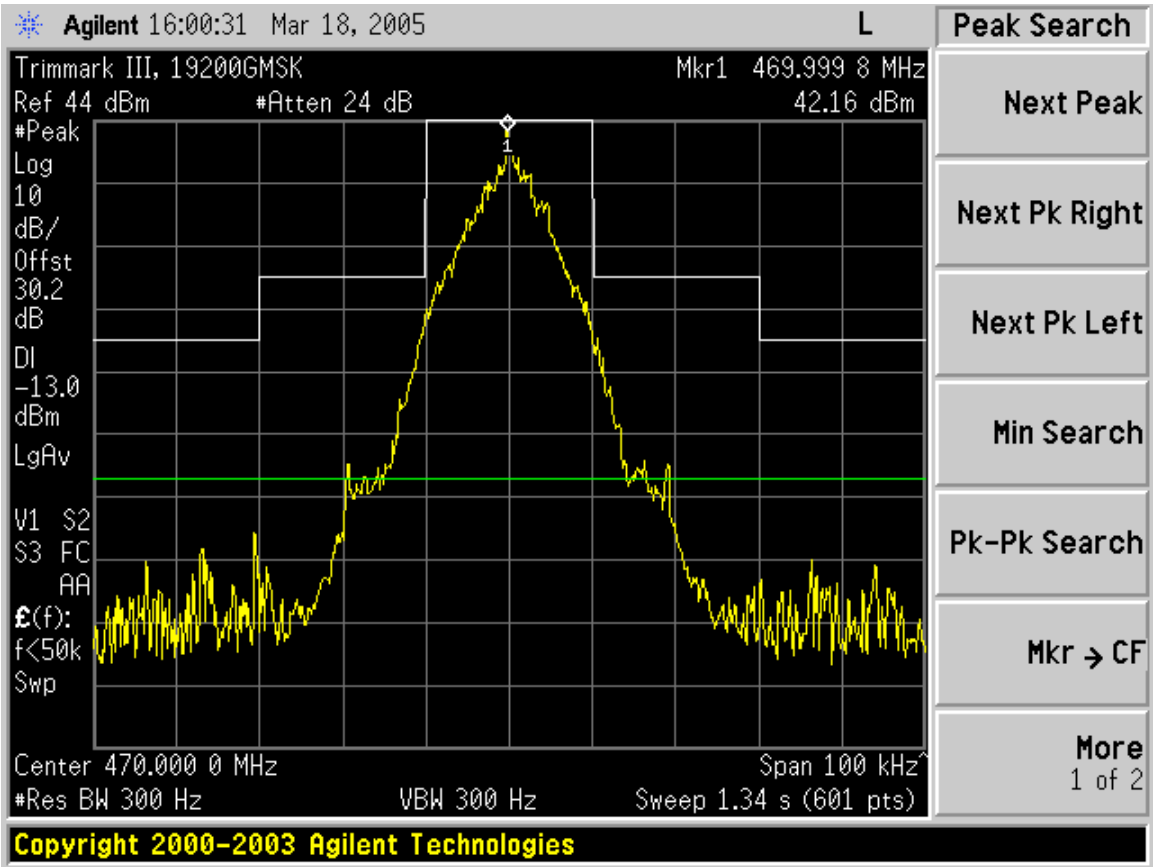
9600 baud GMSK(.5), 3.5 kHz



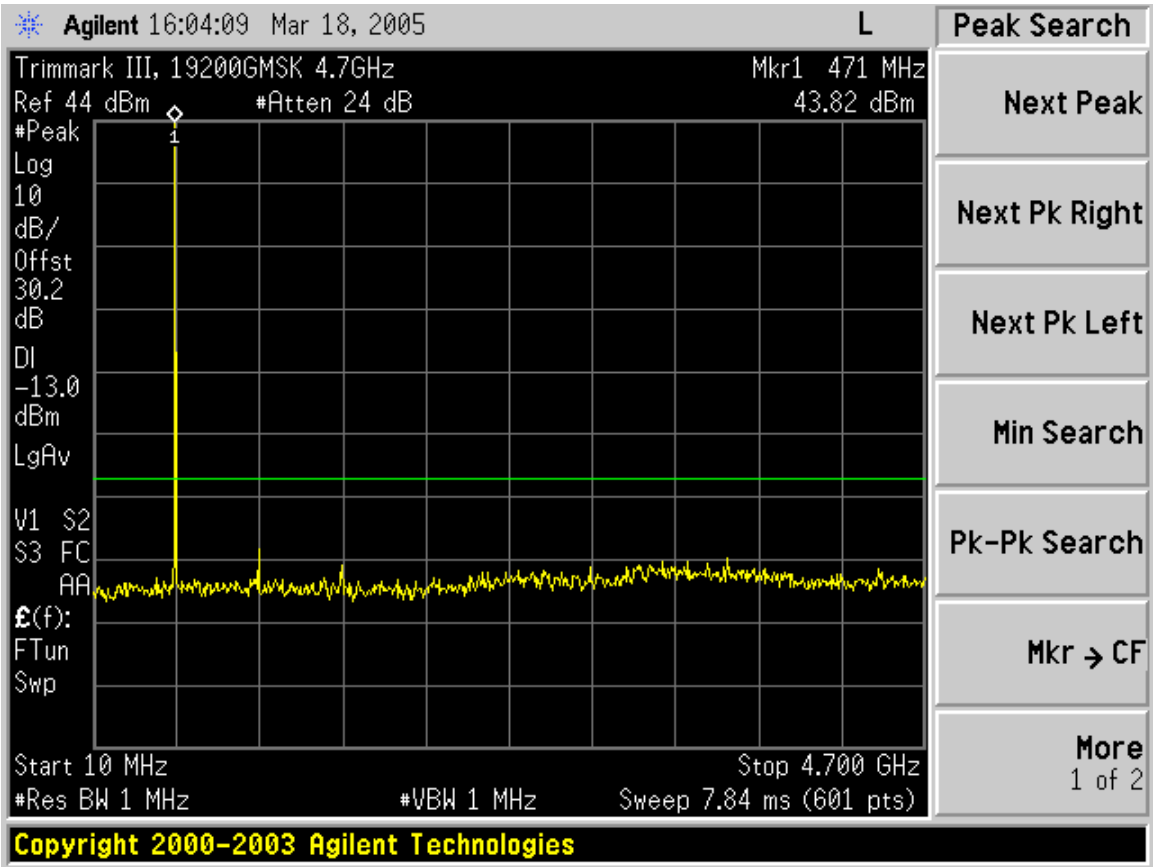
9600 baud GMSK(.5), 3.5 kHz



19200 baud 4FSK 4.8 kHz



19200 baud 4FSK 4.8 kHz



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