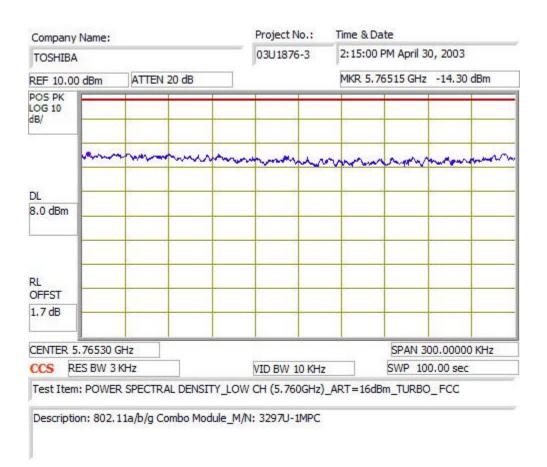
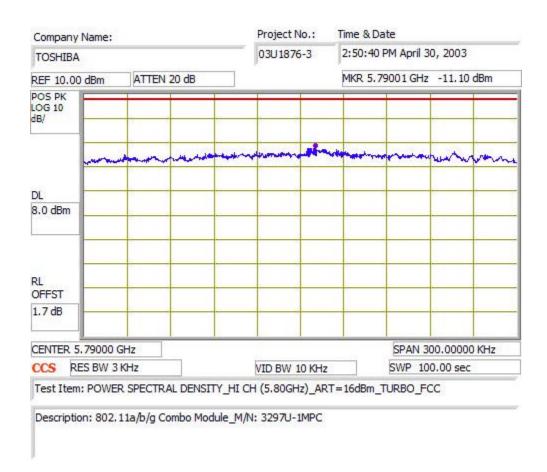


Page 41 of 117

PPSD (5.8 GHZ BAND, TURBO MODE)



Page 42 of 117



Page 43 of 117

7.5. CONDUCTED SPURIOUS EMISSIONS

LIMITS

§15.247 (c) In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement. Attenuation below the general limits specified in §15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in§15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).

DATE: MAY 21, 2003

FCC ID: CJ6UPA3297WL

TEST PROCEDURE

The transmitter output is connected to a spectrum analyzer. The resolution bandwidth is set to 100 kHz. The video bandwidth is set to 100 kHz.

Measurements are made over the 30 MHz to 26.5 GHz range with the transmitter set to the lowest, middle, and highest channels within the 2.4 GHz band.

Measurements are made over the 30 MHz to 40 GHz range with the transmitter set to the lowest, middle, and highest channels within the 5.8 GHz band.

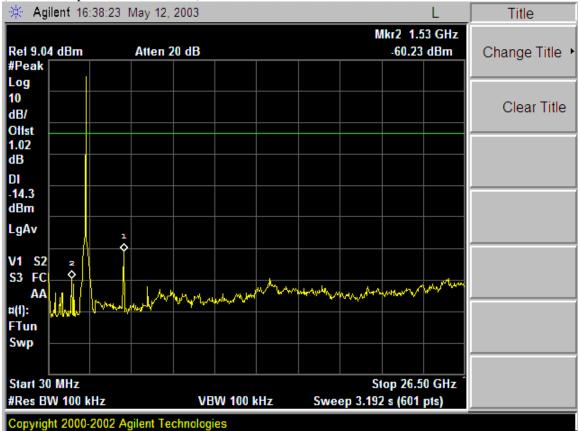
RESULTS

No non-compliance noted:

CONDUCTED SPURIOUS EMISSIONS (2.4 GHZ BAND b MODE)

(bandedge low channel) * Agilent 16:36:31 May 12, 2003 Title Mkr1 2.410 50 GHz 5.68 dBm Ref 9.04 dBm Atten 20 dB Change Title > #Peak Log 10 Clear Title dB/ Offst 1.02 dB DI -14.3 dBm LgAv V1 S2 S3 FC AA ¤(f): FTun Swp Span 50 MHz Center 2.400 00 GHz #Res BW 100 kHz VBW 100 kHz Sweep 6.04 ms (601 pts) Copyright 2000-2002 Agilent Technologies

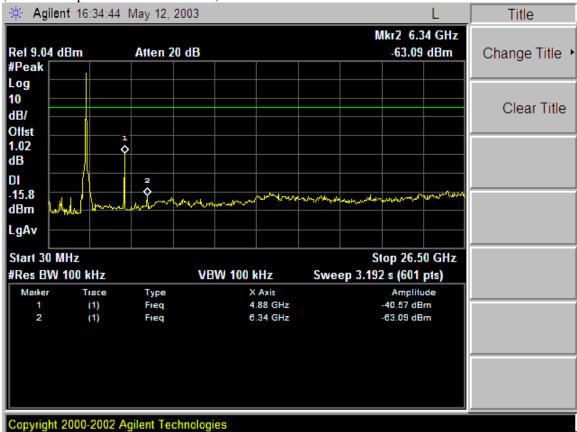
(conducted spurious low channel)



(reference middle channel)



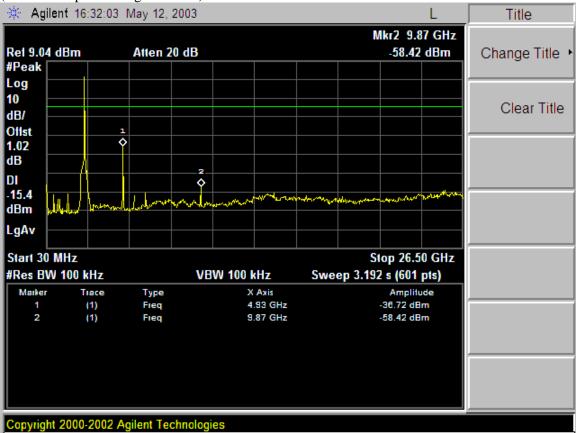
(conducted spurious middle channel)



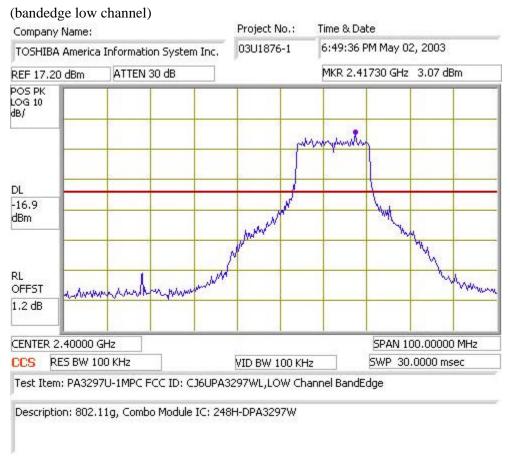
(bandedge high channel)

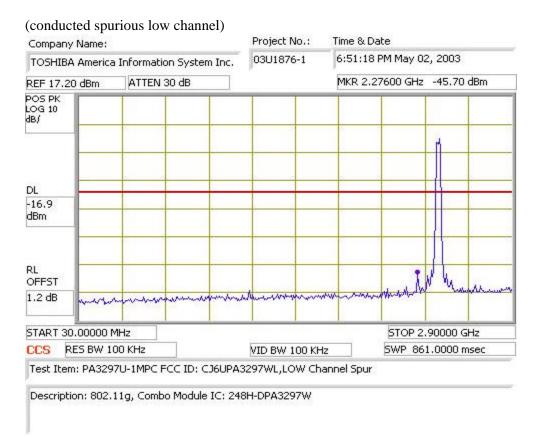


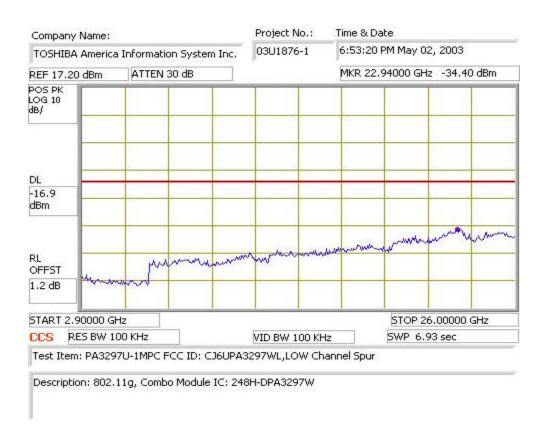
(conducted spurious high channel)

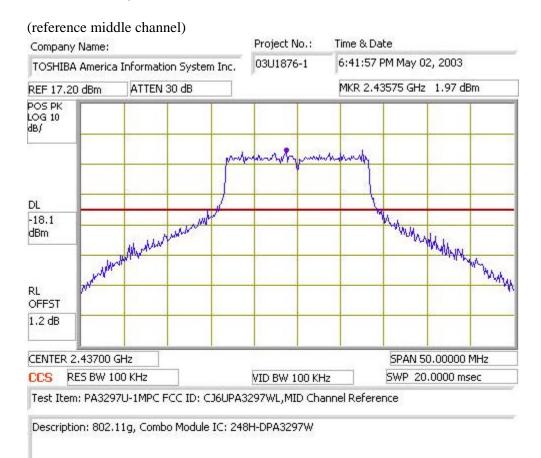


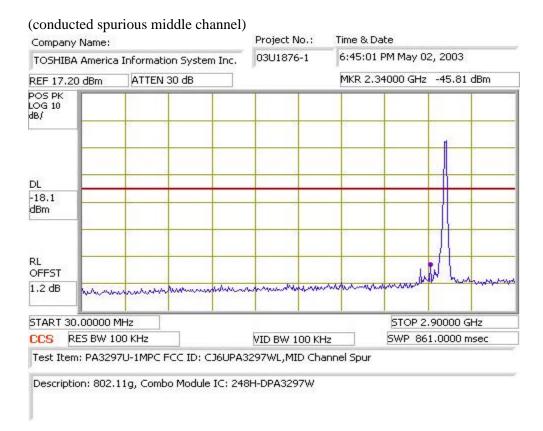
CONDUCTED SPURIOUS EMISSIONS (2.4 GHZ BAND g NORMAL MODE)

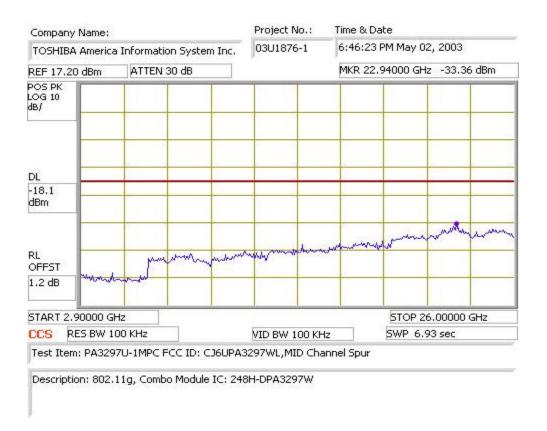


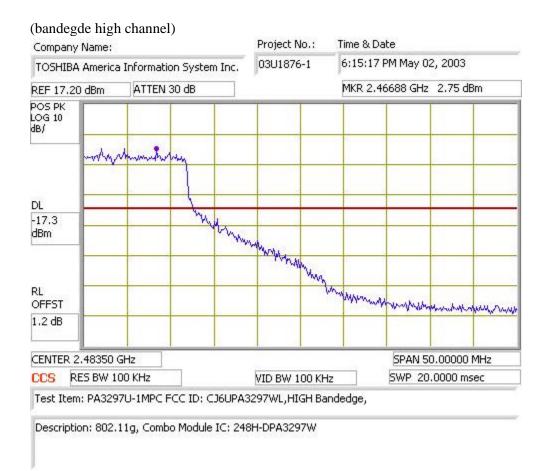


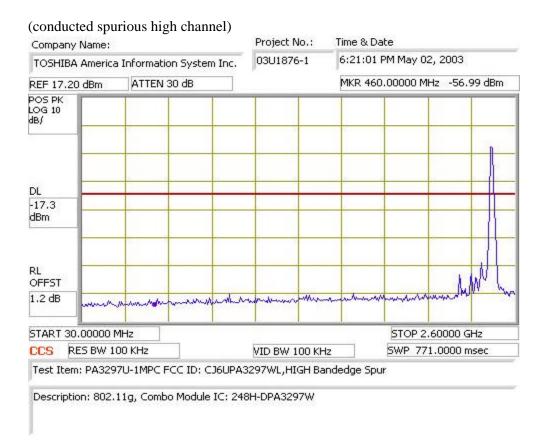


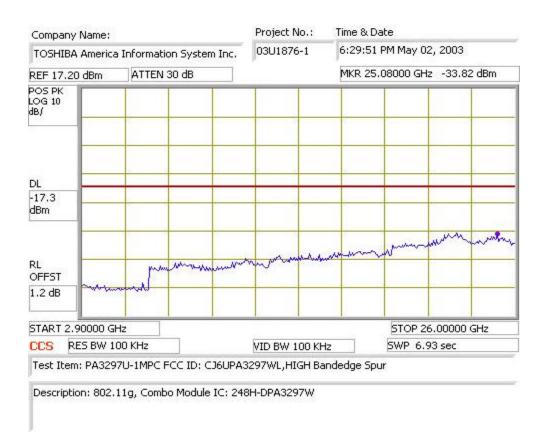












Page 59 of 117

Copyright 2000-2002 Agilent Technologies

CONDUCTED SPURIOUS EMISSIONS (2.4 GHZ BAND g TURBO MODE)

