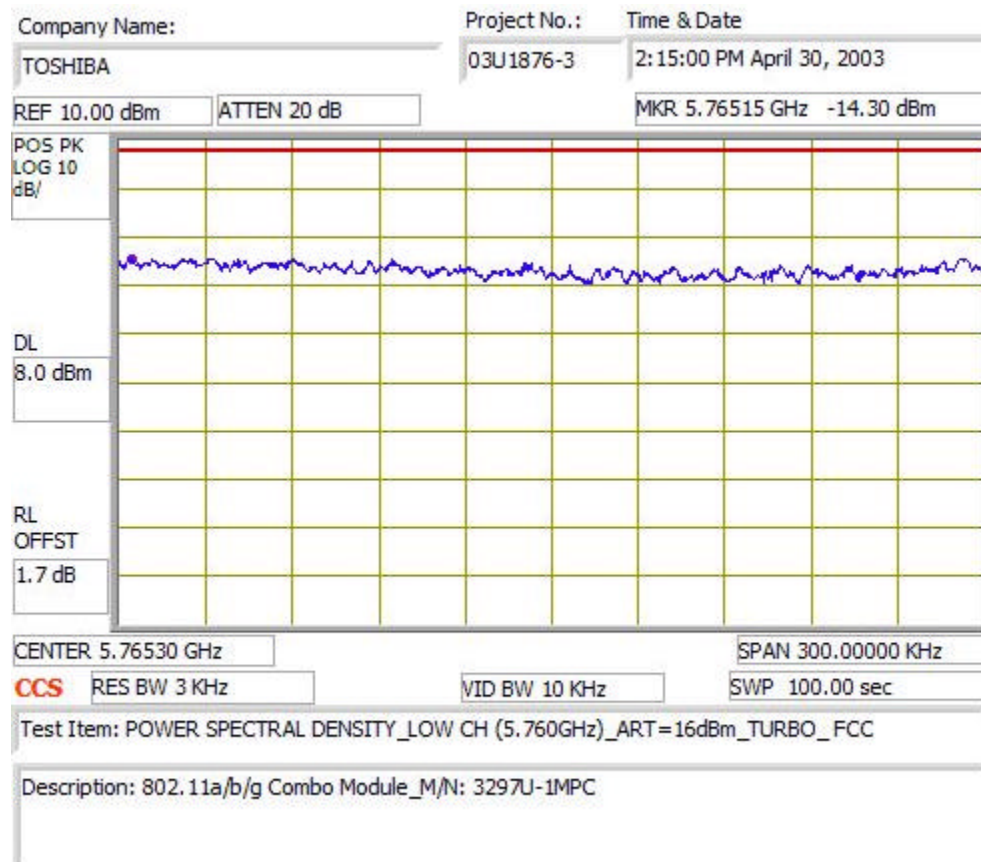
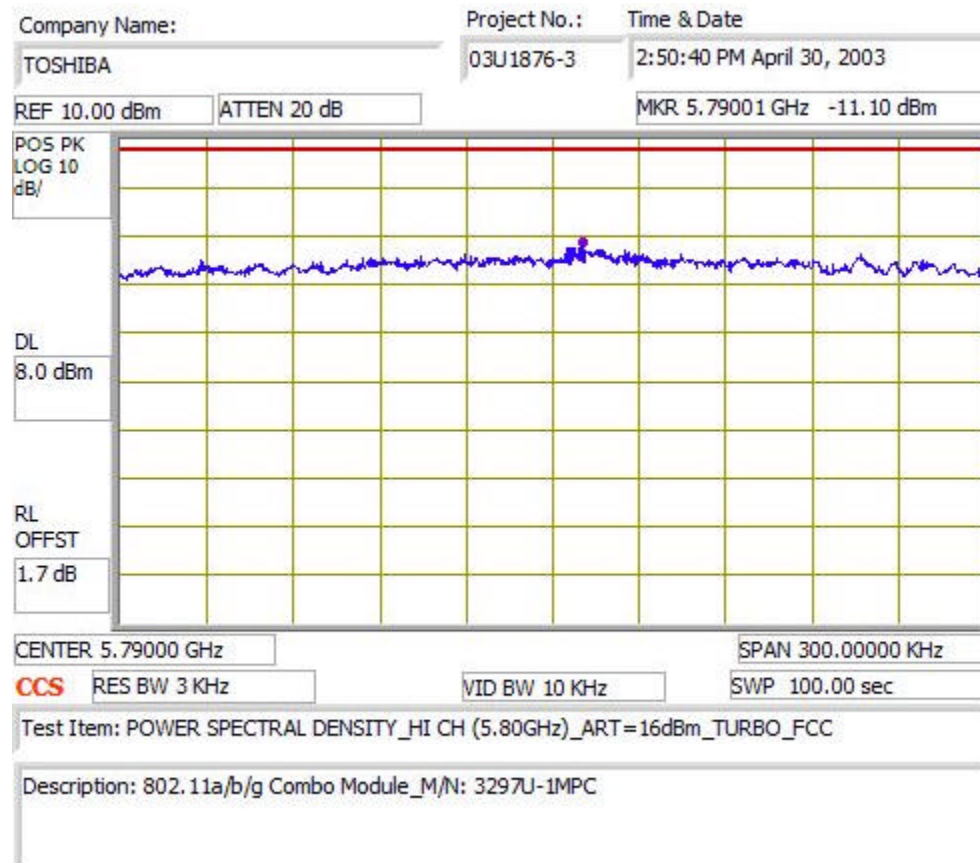


PPSD (5.8 GHZ BAND, TURBO MODE)





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)).

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.

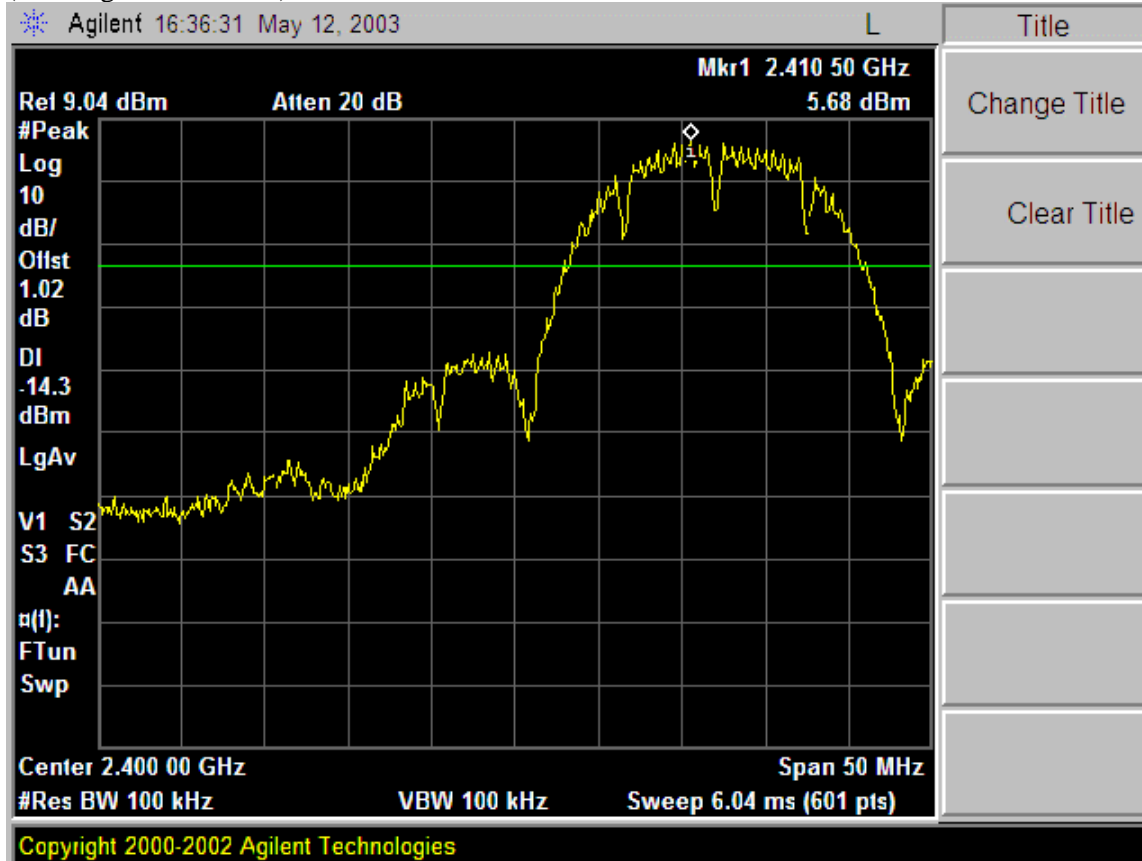
Measurements are made over the 30 MHz to 40 GHz range with the transmitter set to the lowest, middle, and highest channels within the 5.8 GHz band.

RESULTS

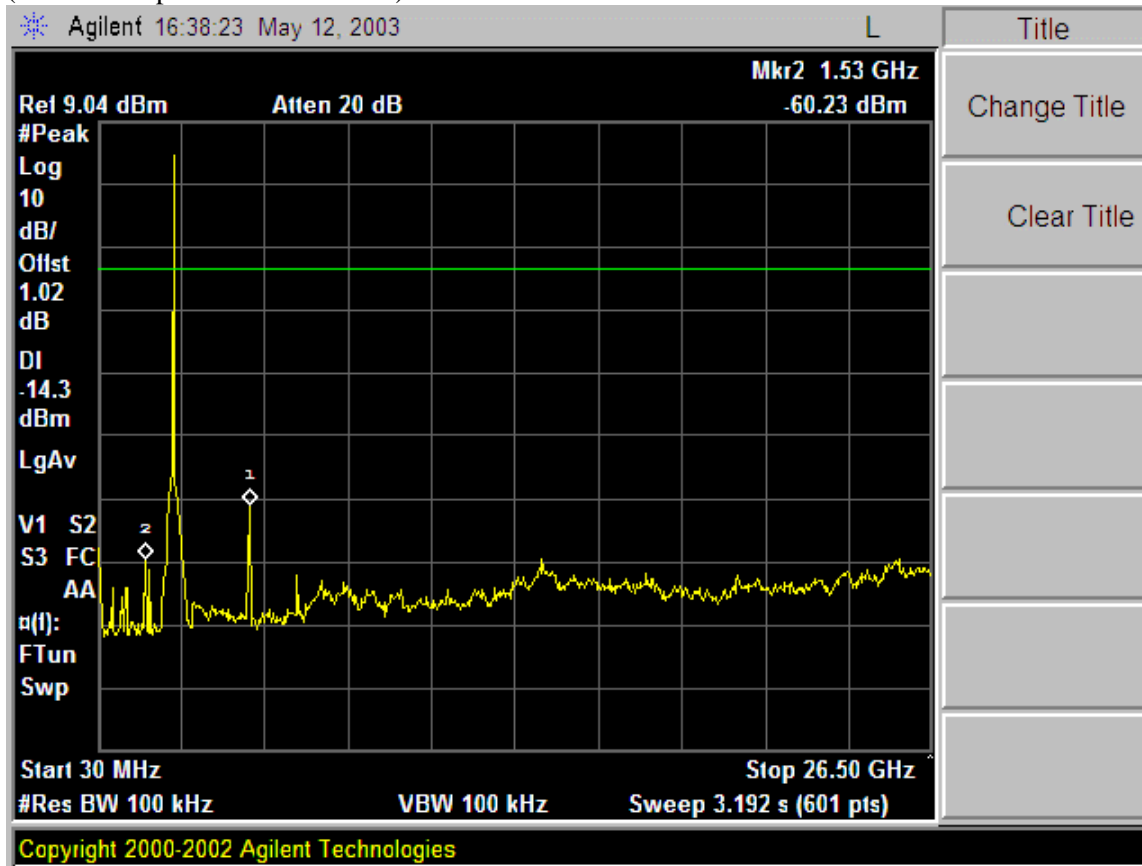
No non-compliance noted:

CONDUCTED SPURIOUS EMISSIONS (2.4 GHZ BAND b MODE)

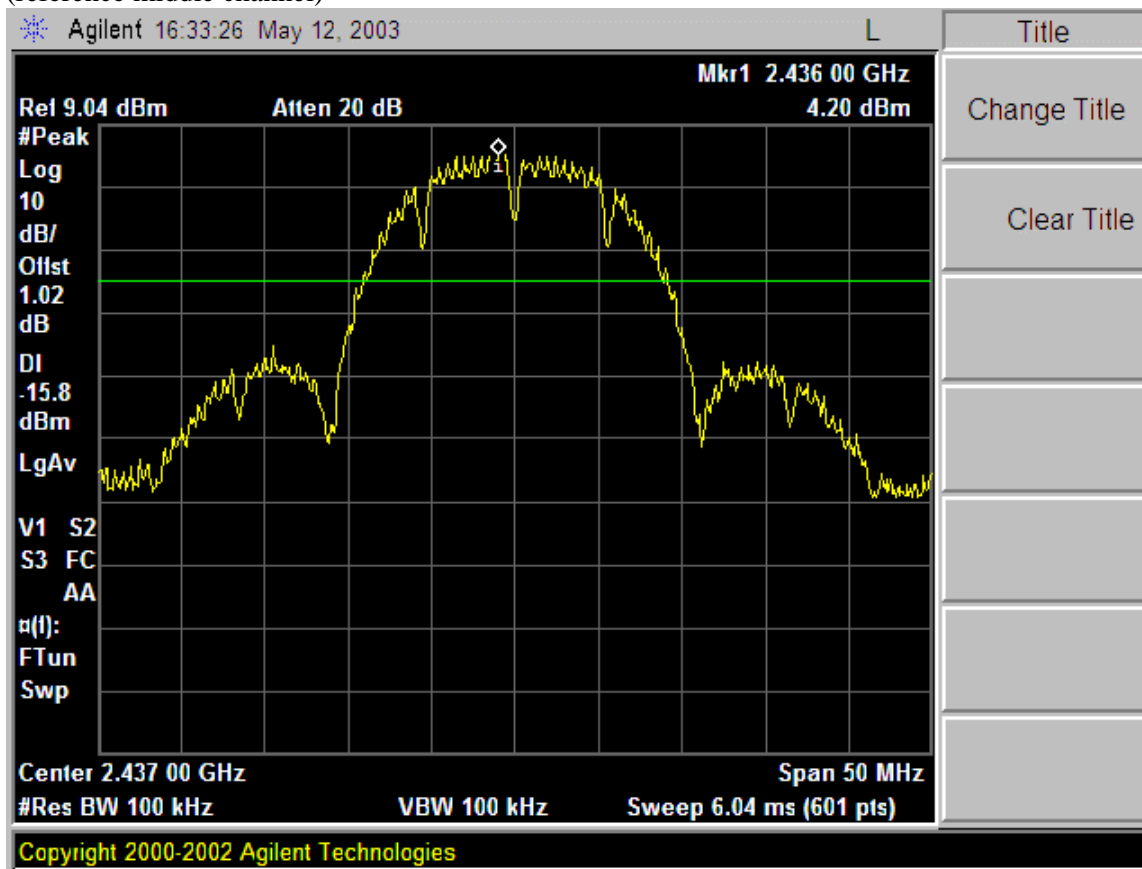
(bandedge low channel)



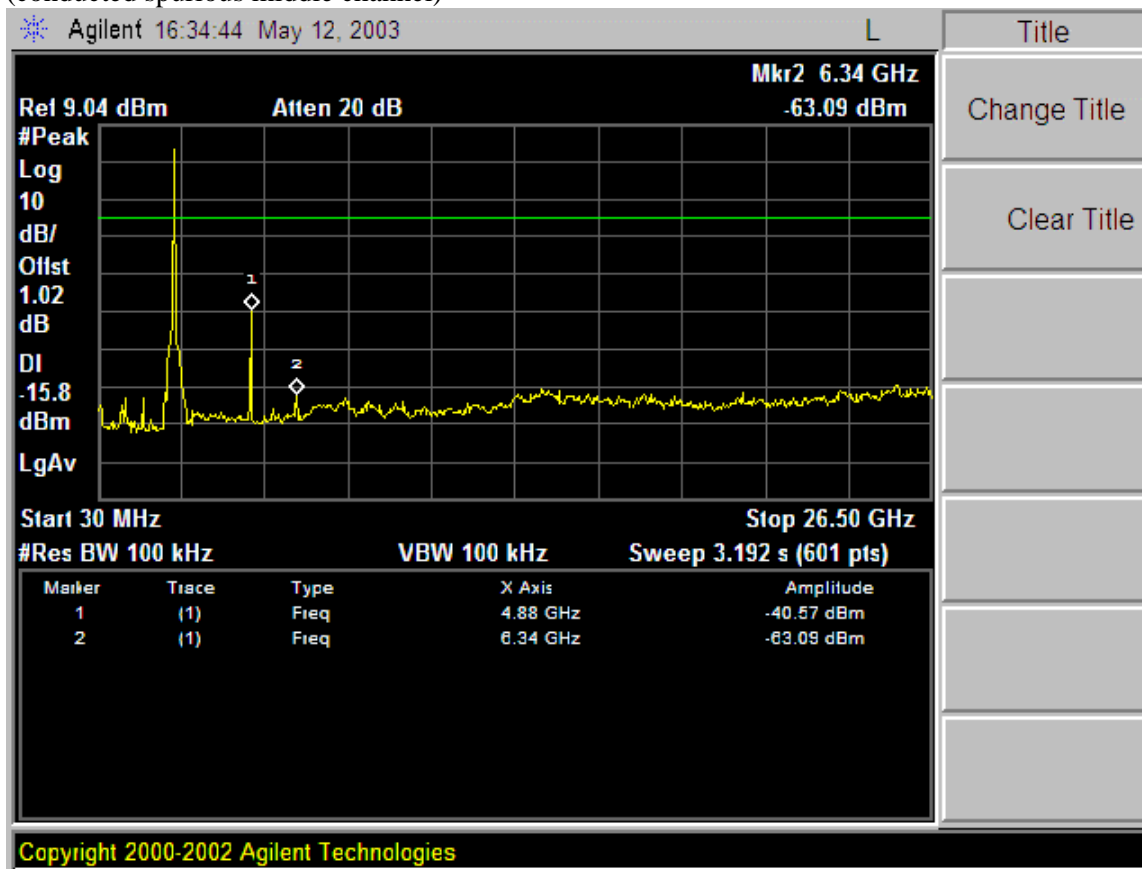
(conducted spurious low channel)



(reference middle channel)



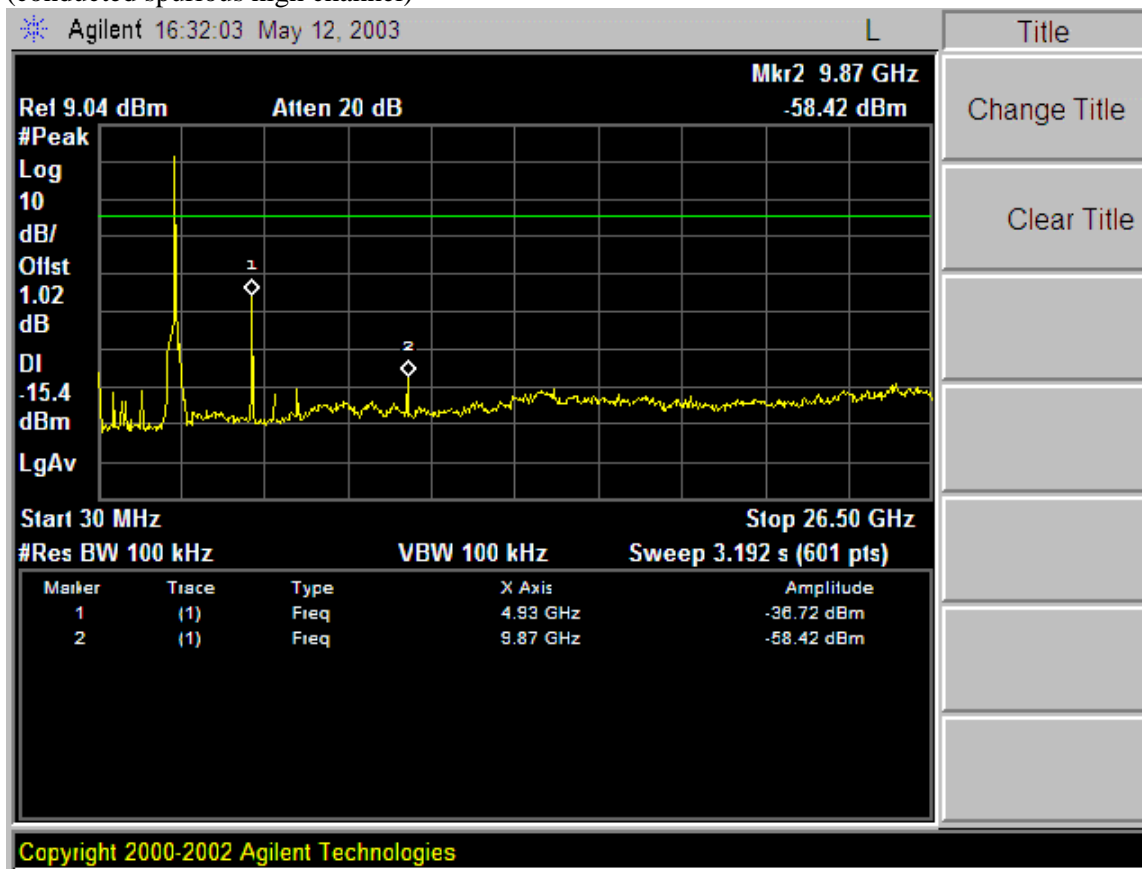
(conducted spurious middle channel)



(bandedge high channel)

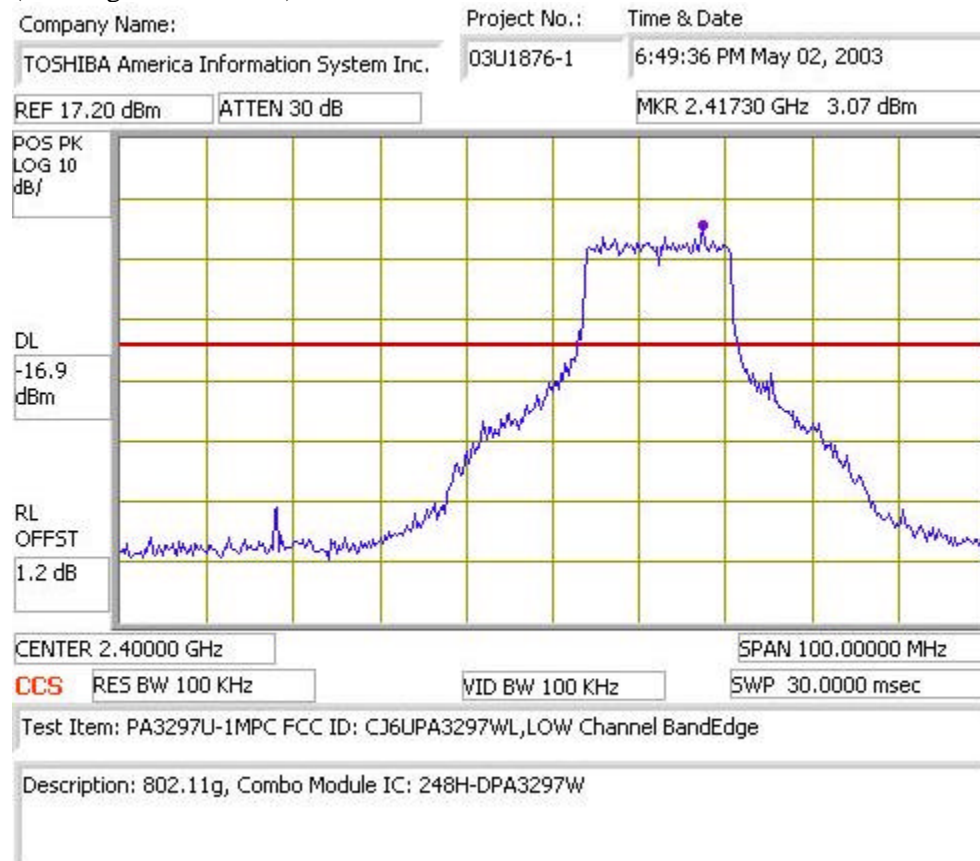


(conducted spurious high channel)

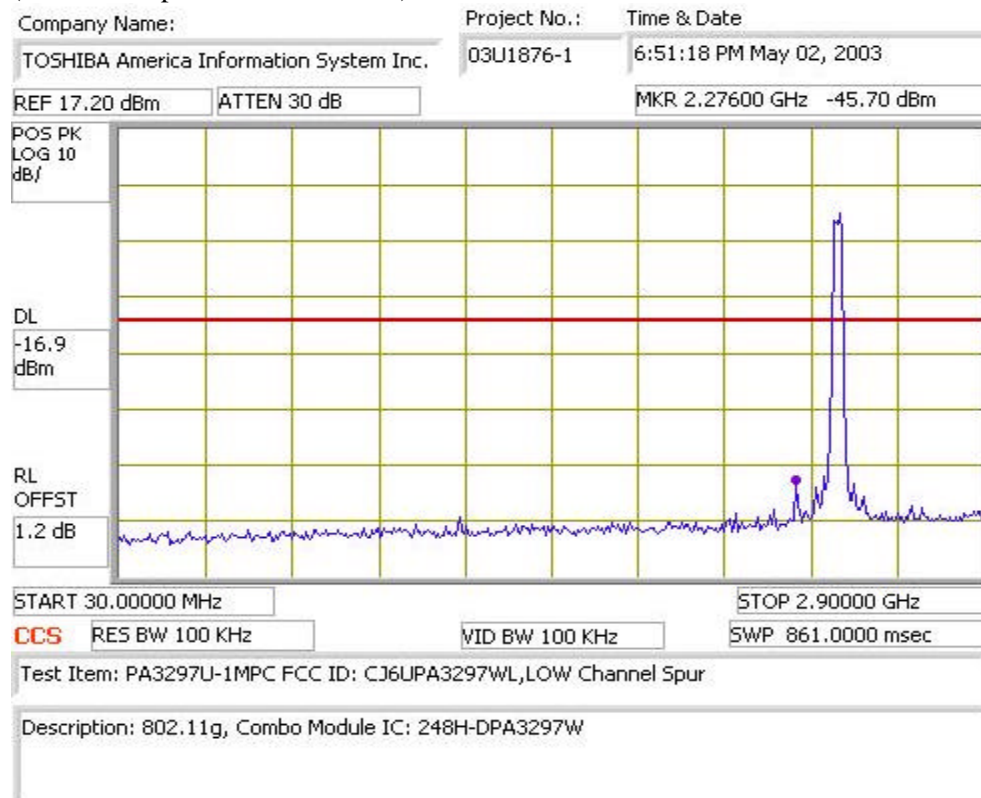


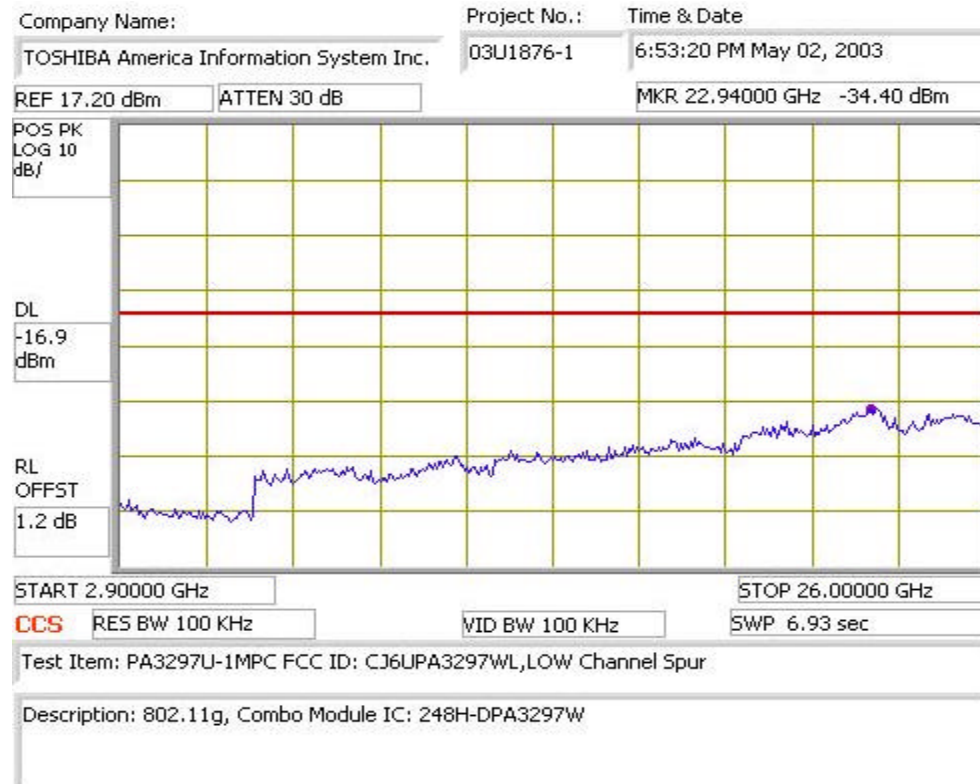
CONDUCTED SPURIOUS EMISSIONS (2.4 GHZ BAND g NORMAL MODE)

(bandedge low channel)

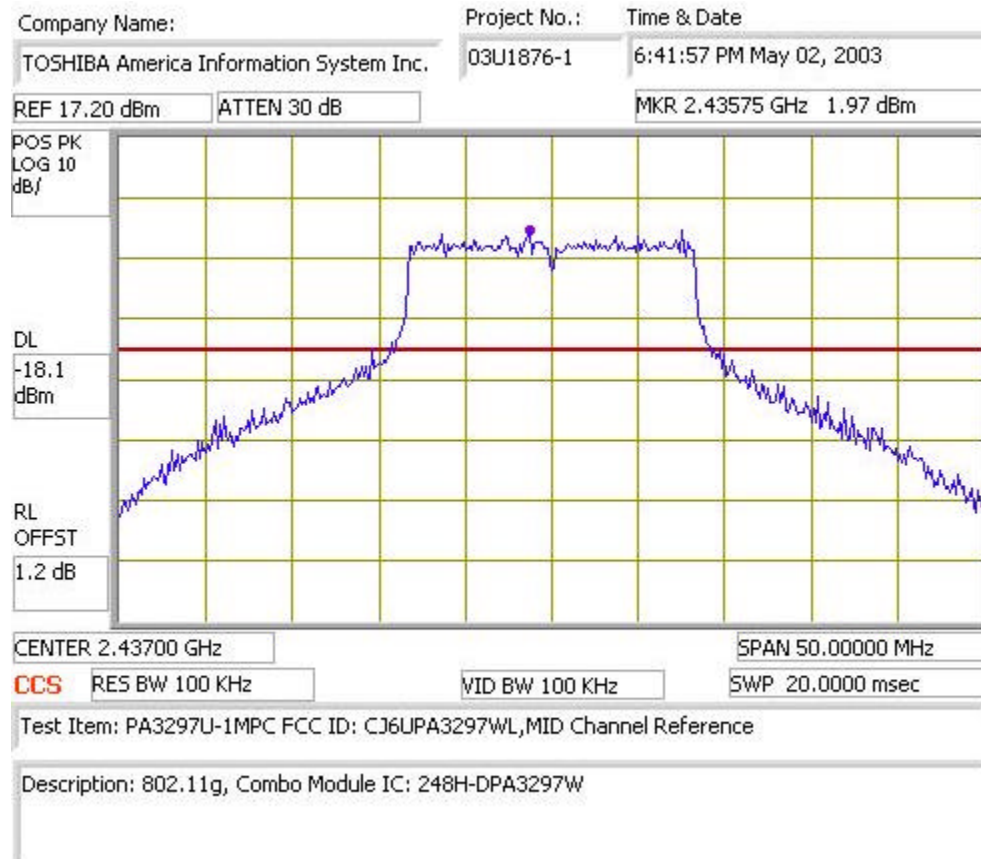


(conducted spurious low channel)

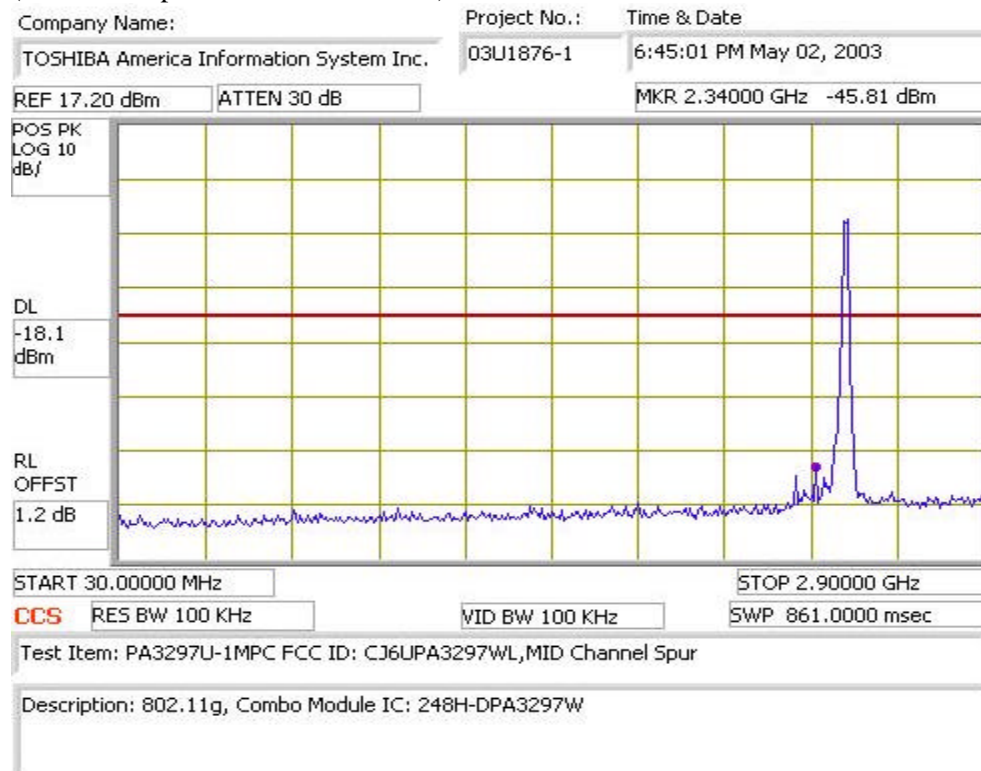


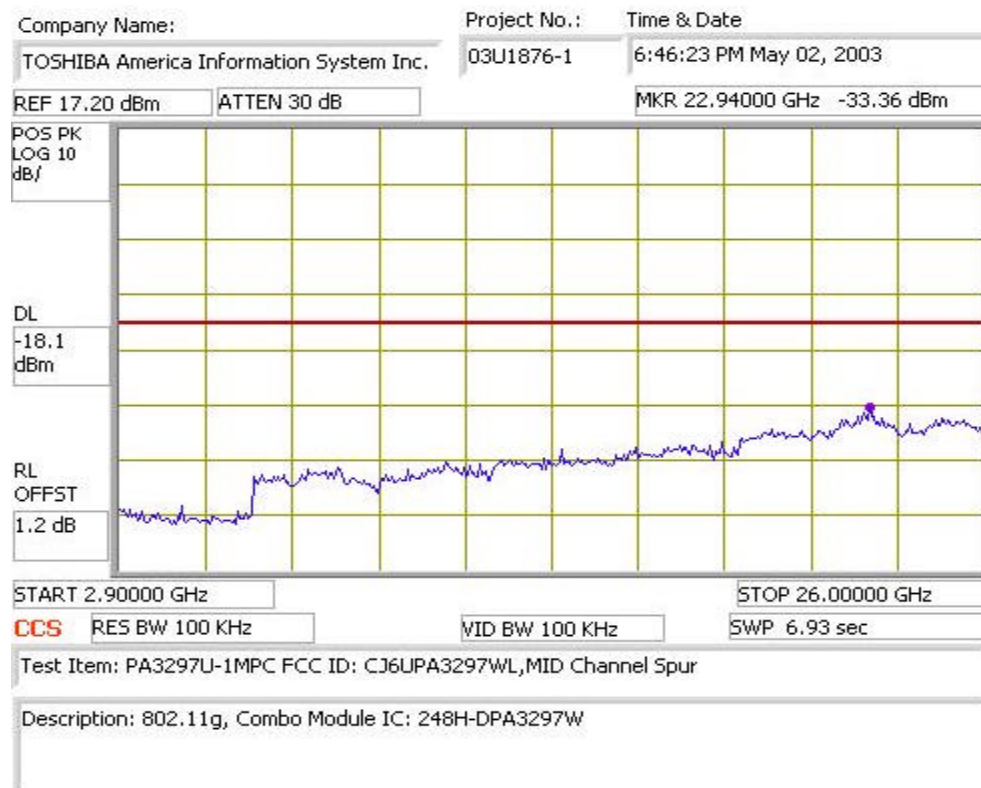


(reference middle channel)

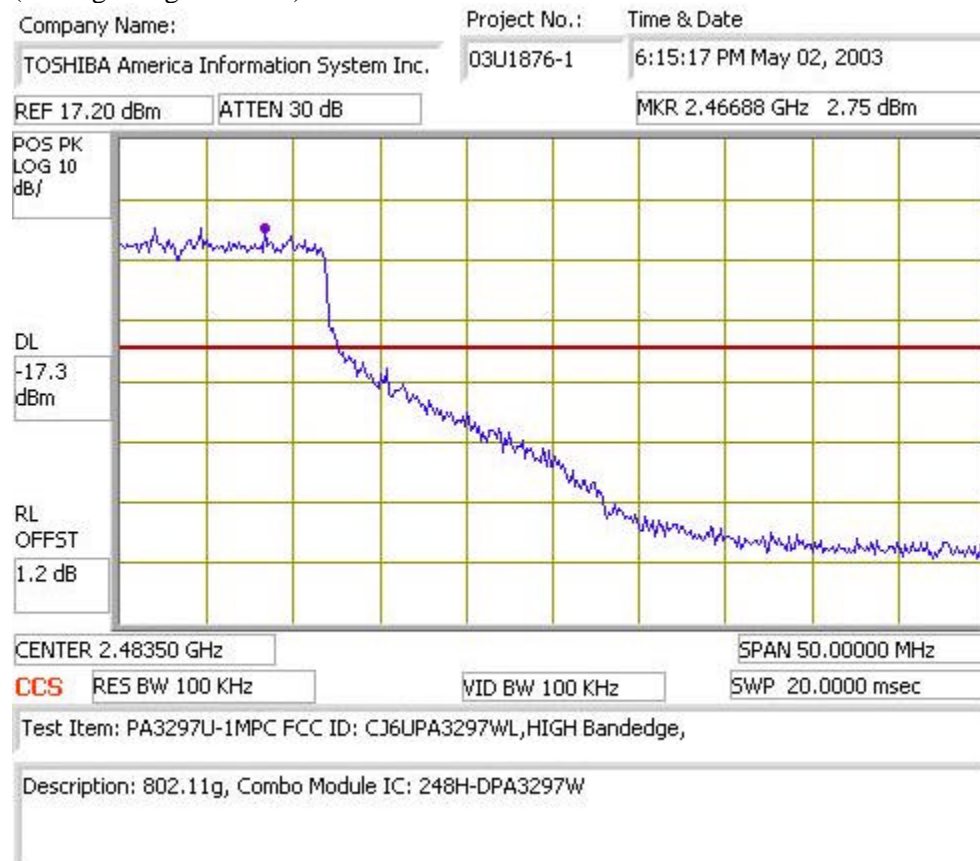


(conducted spurious middle channel)

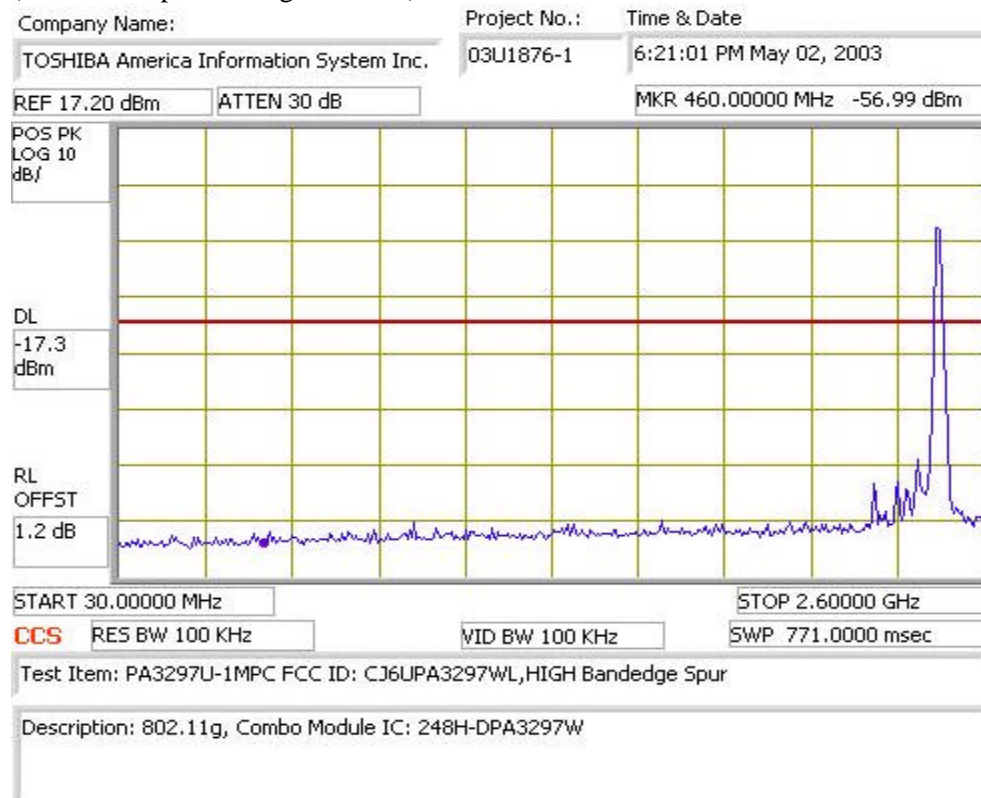


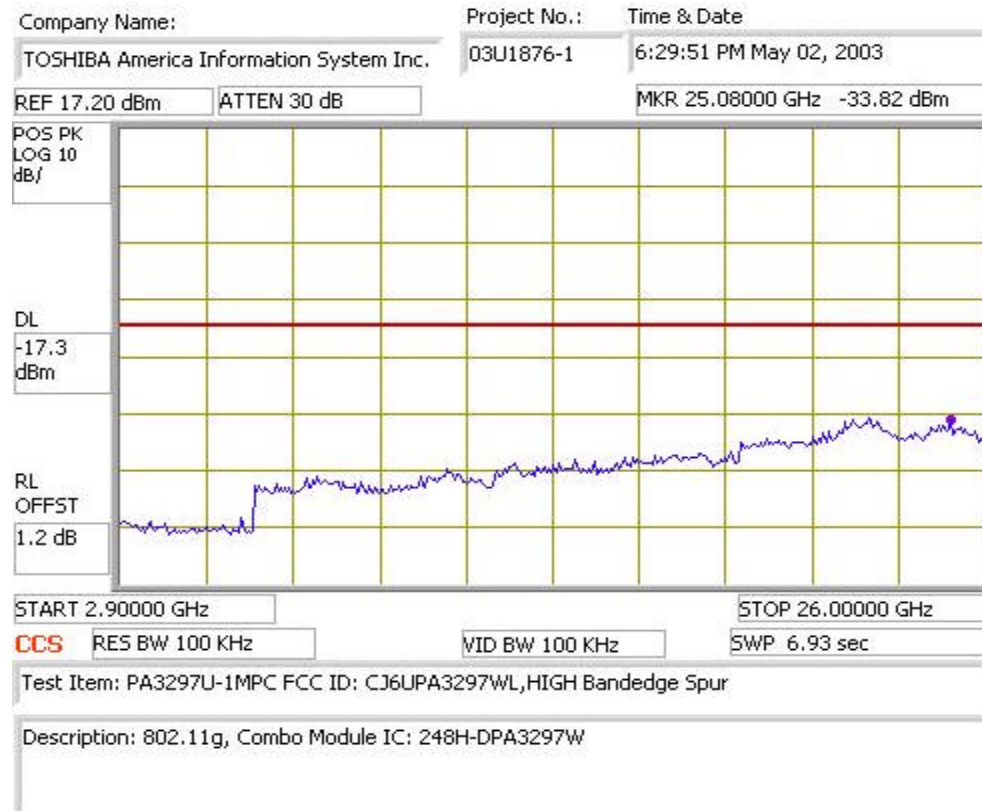


(bandedge high channel)



(conducted spurious high channel)





CONDUCTED SPURIOUS EMISSIONS (2.4 GHZ BAND g TURBO MODE)

(reference)

