

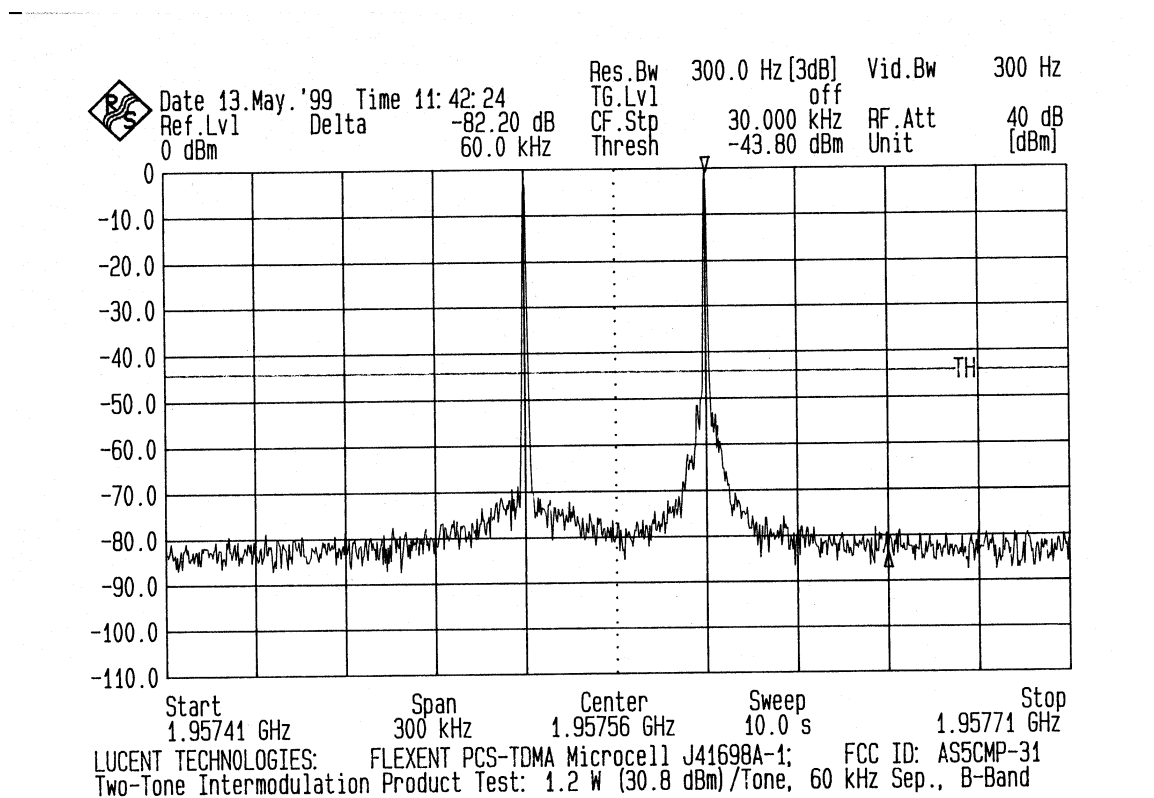
EXHIBIT 20

Special Test: Measurements Required: Two-Tone Intermodulation Product Suppression

The two-tone intermodulation product test is typically a test of the linearity of an amplifier circuit. The intermod limitation is determined from $43 + 10 \log$ (Power in Watts) attenuation below the carrier (dBc). Measurement was made at the transmit antenna terminal, with 2 signal generators providing the input signals to the PCS-TDMA Multi Carrier Linear Amplifier (PMCLA). The first test was performed with each signal set to 1.2 Watts (+30.8 dBm) and a tone separation of 60 kHz, representing typical operation; the required intermodulation product attenuation was 43.8 dBc at 1.2 Watts/tone. The second test represented the maximum rated power level at 6 Watts (+37.8 dBm) per signal, for a total rated composite power level of 12 Watts, with a signal separation of 600 kHz. The required intermodulation product attenuation was 50.8 dBc for 6 Watts/tone.

RESULTS:

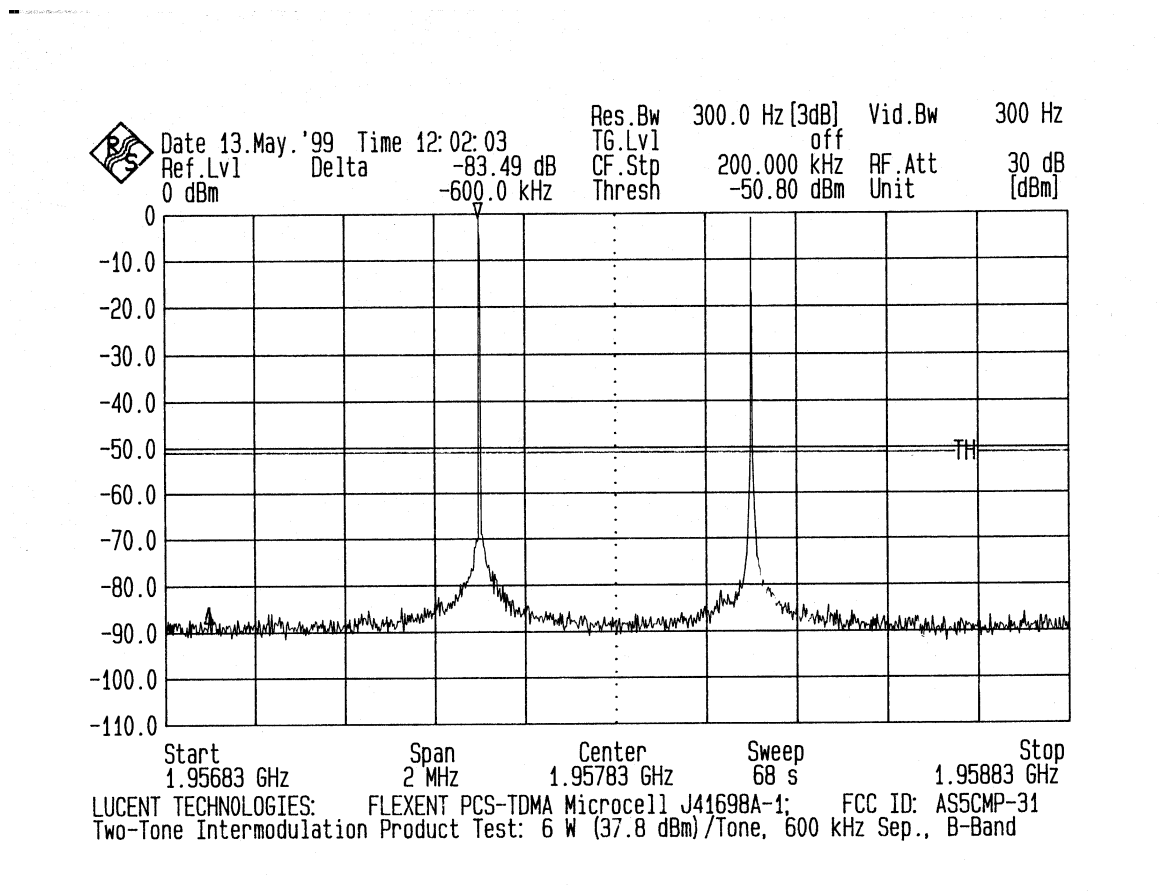
The 2 data plots attached show no intermodulation products. The PMCLA is in full compliance.



Two tones with 60 kHz separation and equal power levels set to 1.2 Watts (+30.8 dBm)/signal at the transmit antenna terminal.

EXHIBIT 20

Special Test: Measurements Required: Two-Tone Intermodulation Product Suppression



Two tones with 600 kHz separation and equal power levels set to 6 Watts (+37.8 dBm)/signal at the transmit antenna terminal.

EXHIBIT 20

Special Test: Measurements Required: Two-Tone Intermodulation Product Suppression

Test Set-UP Configuration

