

Occupied Bandwidth Results

Similar to conducted emissions, occupied bandwidth measurements are only provided for selected frequencies in order to reduce the amount of submitted data. Data were taken at the extreme and mid frequencies of the USPCS frequency band. Table 8.2 below lists the measured 99% power and -26dBC occupied bandwidths. Spectrum analyzer plots are included on the following pages.

| Frequency | 99% Occupied BW | -26dBC Bandwidth |
|------------|-----------------|------------------|
| 1850.2 MHz | 248.3 kHz | 315 kHz |
| 1880.0 MHz | 250.0 kHz | 325 kHz |
| 1909.8 MHz | 248.3 kHz | 313 kHz |

Table 8.2: Occupied bandwidth results.

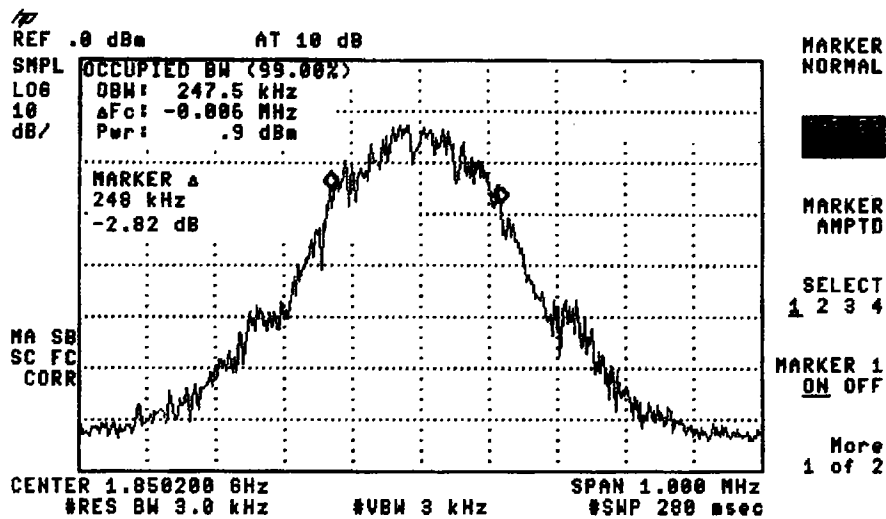


Fig.8.1: Channel 512, 99% Power Bandwidth

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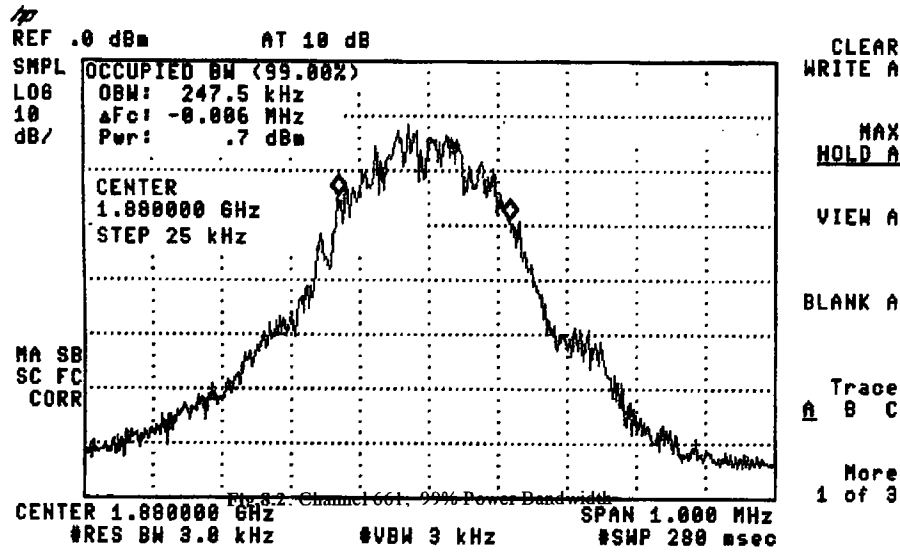


Fig.8.2: Channel 661, 99% Power Bandwidth

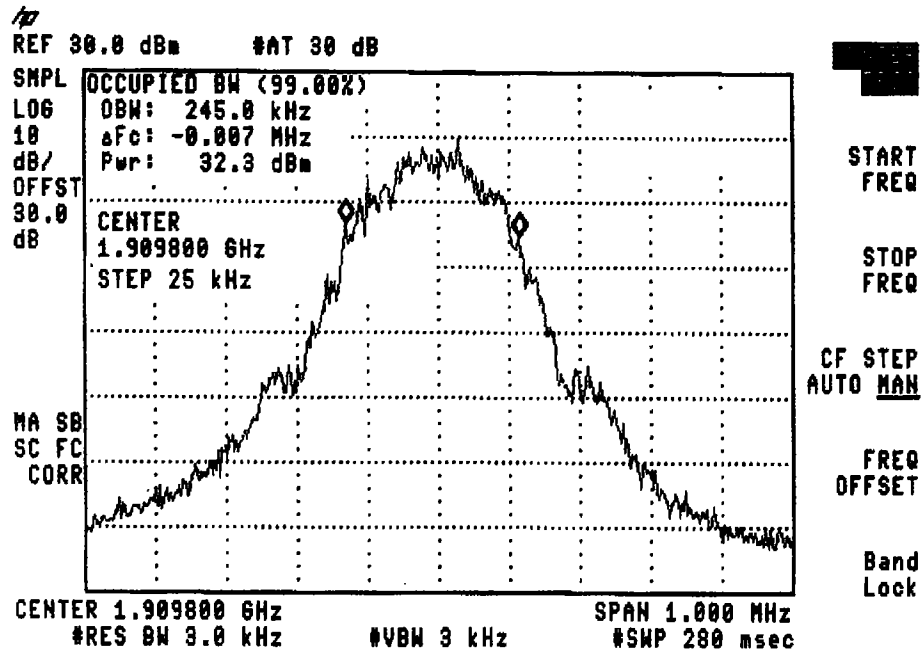


Fig.8.3: Channel 810, 99% Power Bandwidth

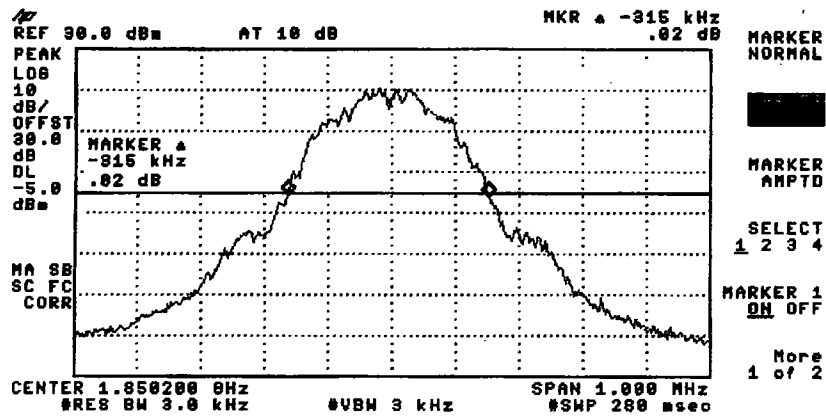


Fig.8.4: Channel 512, -26dB Bandwidth

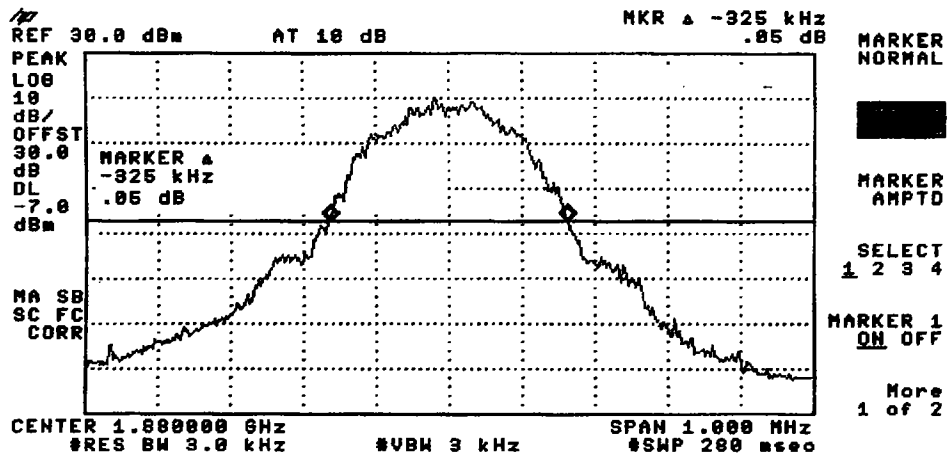


Fig.8.5: Channel 661, -26dB Bandwidth

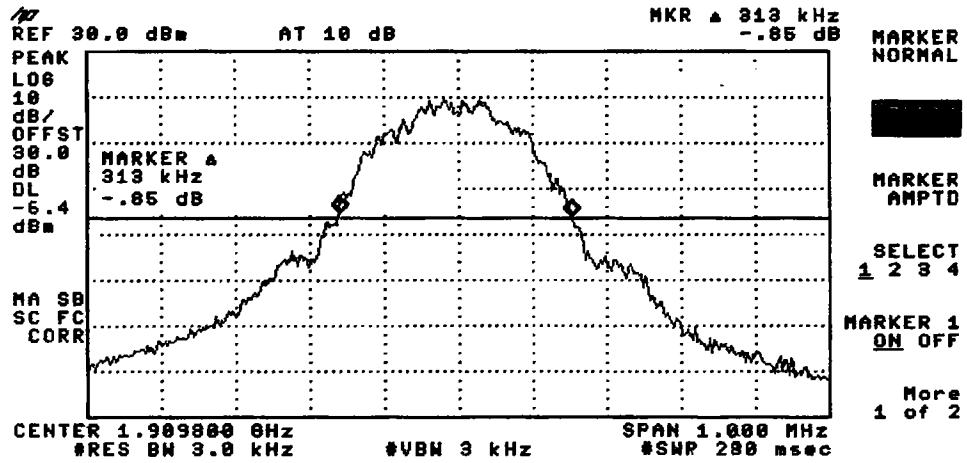


Fig.8.6: Channel 810, -26dBC Bandwidth

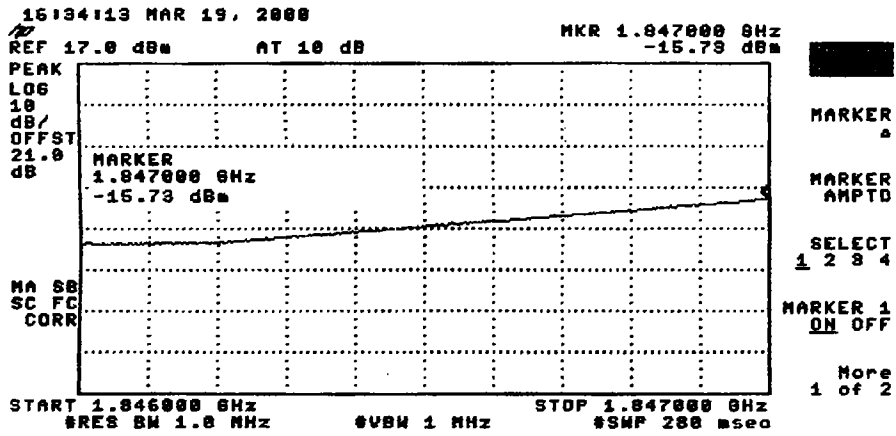


Fig.9.1: Carrier 1850.2MHz, Spectrum 1846 to 1847MHz

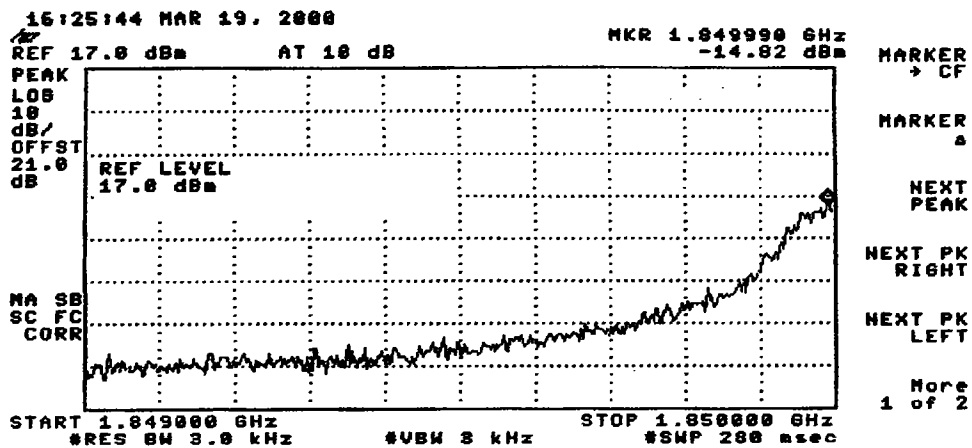


Fig.9.2: Carrier 1850.2MHz, Spectrum 1849 to 1850 MHz

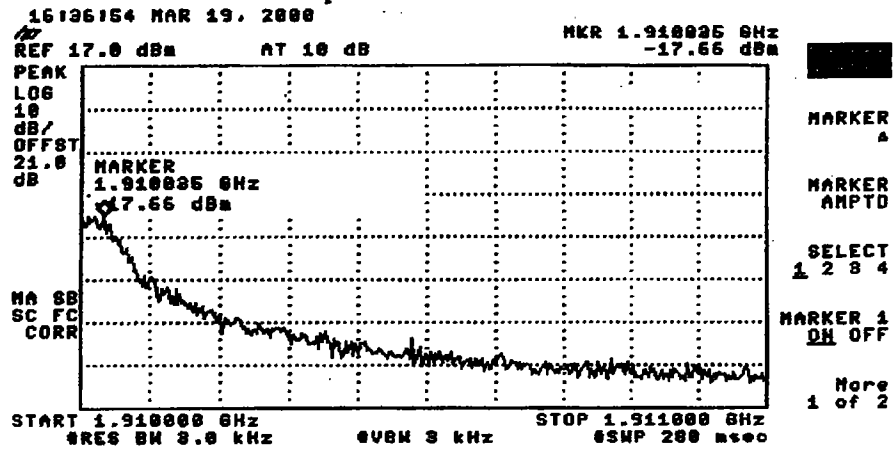


Fig.9.3: Carrier 1909.8, Spectrum 1910 MHz to 1911 MHz

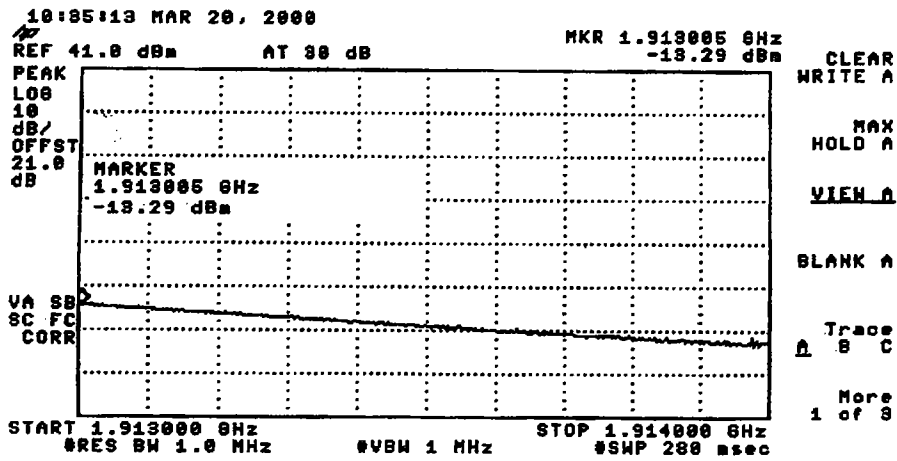


Fig.9.4: Carrier 1909.8, Spectrum 1913 MHz to 1914 MHz

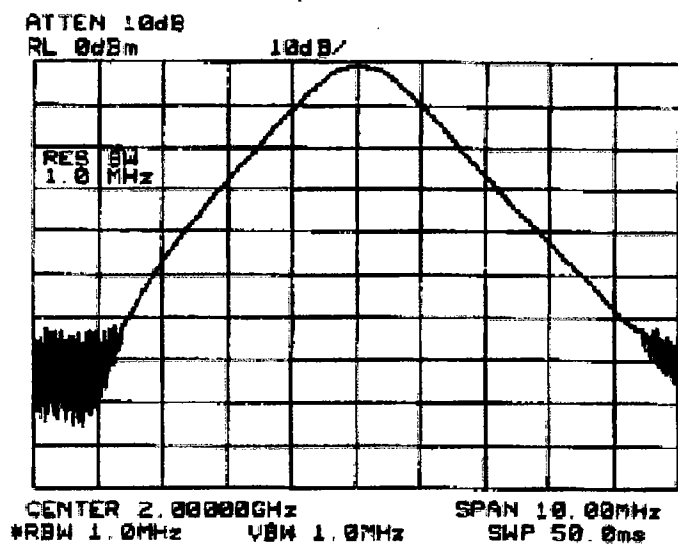


Fig.9.5: Spectrum Analyzer 1 MHz Resolution Bandwidth Filter Response