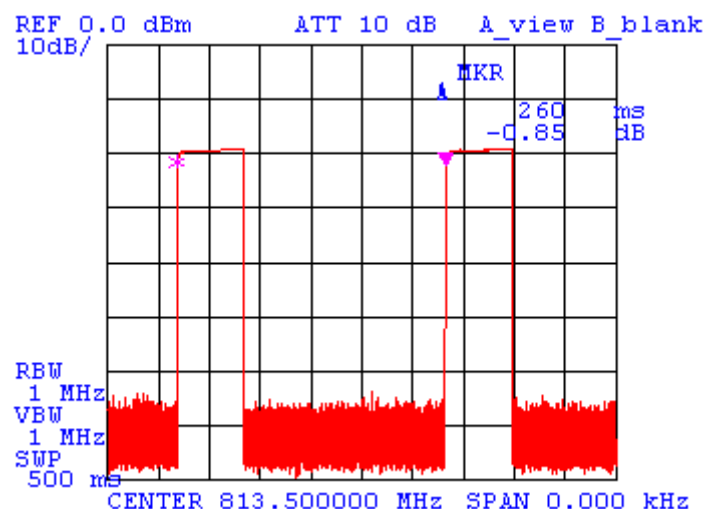
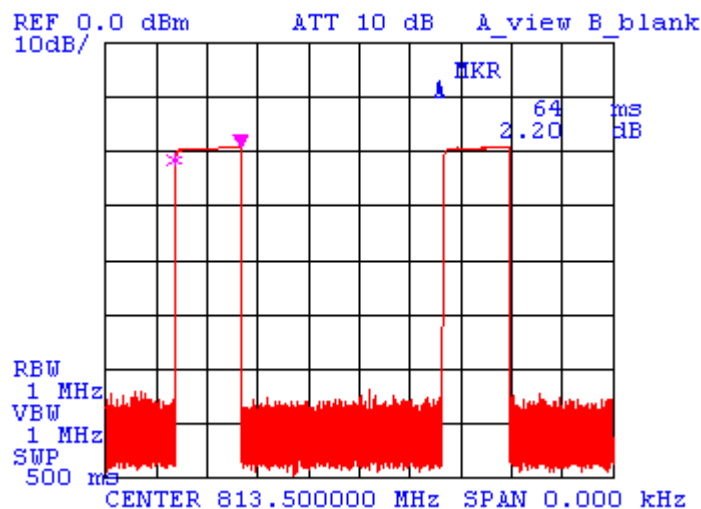


EXHIBIT 12. DUTY CYCLE INFORMATION



$$\text{Duty Cycle} = 64 \text{ ms} / 260 \text{ ms} \times 100 \approx 25\%$$

The Crest Factor is a parameter which describes the SAR systems ability to measure signals that have various peak to RMS ratios while still remaining within the system specifications. The crest factor is not provided for the 3D-EMC system and a verification test was carried out to determine that the SAR system is responding to the duty cycle waveform as an averaging system. A uniform field within a TEM cell is used to compare the output of the SAR system of a CW signal at the frequency of interest, with a pulse modulated carrier using the same pulse width and repetition rate as the Keycorp terminal previously tested at 25%. An HP 437A Peak power meter is used to set the same peak power in both test conditions. The 3D-EMC system allows for a real-time

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- Assessed by ITI (UK) Competent Body, NVLAP (USA) Accreditation Body & ACA/AUSTEL (Australia), VCCI (Japan)
- Accredited by Industry Canada (Canada) under ACC-LAB (Europe/Canada MRA and APEC/Canada MRA)
- Recognized/Listed by FCC (USA)
- All test results contained in this engineering test report are traceable to National Institute of Standards and Technology (NIST)