

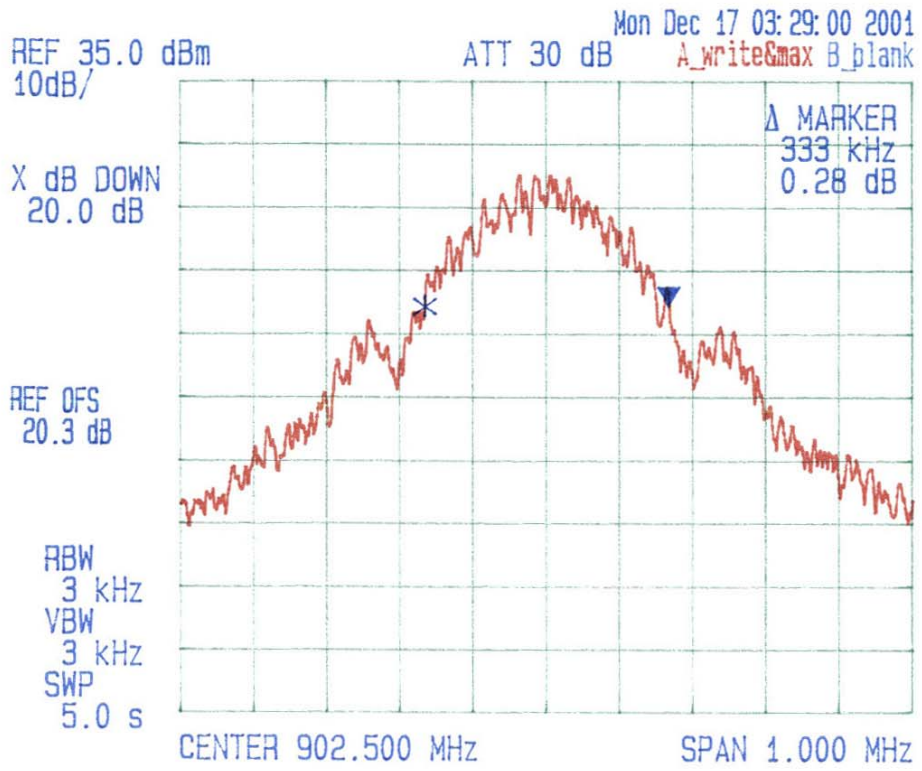
ANNEX 1 - TEST DATA PLOTS

Plot # 1
20 dB Occupied Bandwidth



MICROWAVE DATA SYSTEMS INC.
902-928 MHz OEM Radio Transceiver
Channel: 0 Tx Frequency: 902.5 MHz
Modulation: 2-Level @ 512 kbps
Frequency Hopping Spread Spectrum
20 dB Bandwidth

Date: Dec 17 2001
Tested by: Hung Trinh



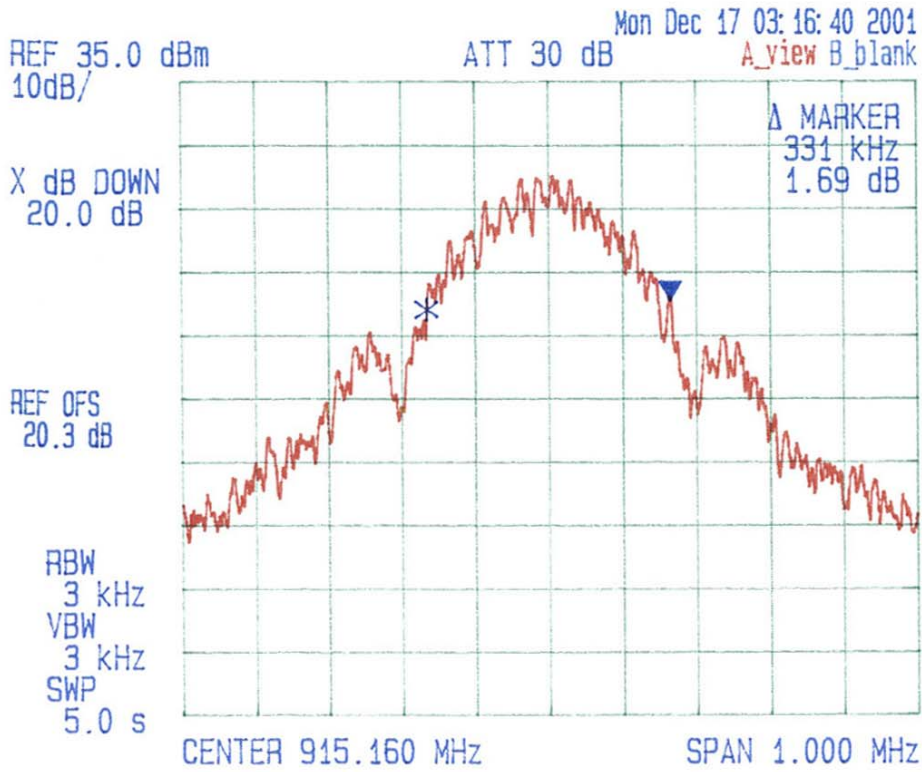
ANNEX 1 - TEST DATA PLOTS

Plot # 2
20 dB Occupied Bandwidth



MICROWAVE DATA SYSTEMS INC.
902-928 MHz OEM Radio Transceiver
Channel: 40 Tx Frequency: 915.10 MHz
Modulation: 2-Level @ 512 kbps
Frequency Hopping Spread Spectrum
20 dB Bandwidth

Date: Dec. 17 2001
Tested by: Hung Trinh



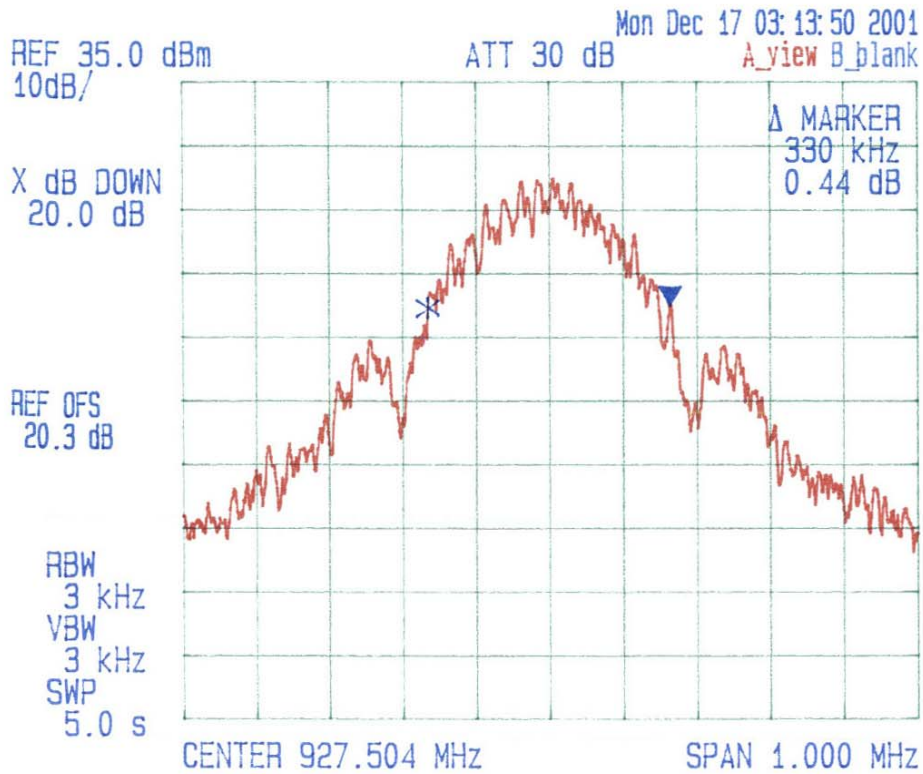
ANNEX 1 - TEST DATA PLOTS

Plot # 3
20 dB Occupied Bandwidth



MICROWAVE DATA SYSTEMS INC.
902-928 MHz OEM Radio Transceiver
Channel: 79 Tx Frequency: 927.504 MHz
Modulation: 2-Level @ 512 kbps
Frequency Hopping Spread Spectrum
20 dB Bandwidth

Date: Dec. 17, 2001
Tested by: Hung Trinh



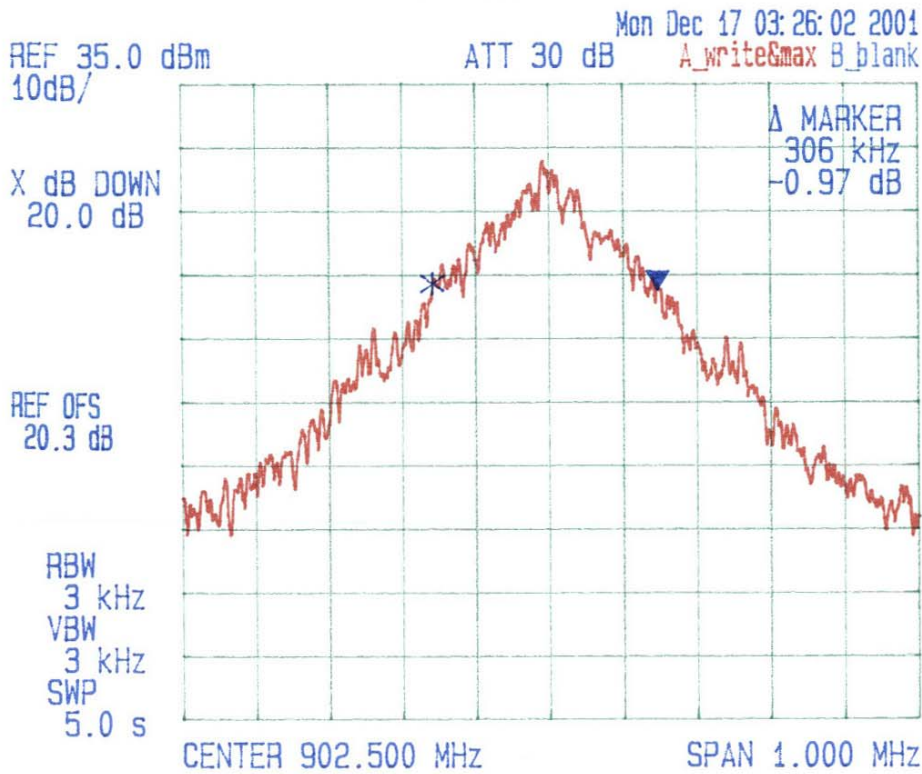
ANNEX 1 - TEST DATA PLOTS

Plot # 4
20 dB Occupied Bandwidth



MICROWAVE DATA SYSTEMS INC.
902-928 MHz OEM Radio Transceiver
Channel: 0 Tx Frequency: 902.5 MHz
Modulation: 4-Level @ 512 kbps
Frequency Hopping Spread Spectrum
20 dB Bandwidth

Date: Dec. ____ 2001
Tested by: Hung Trinh



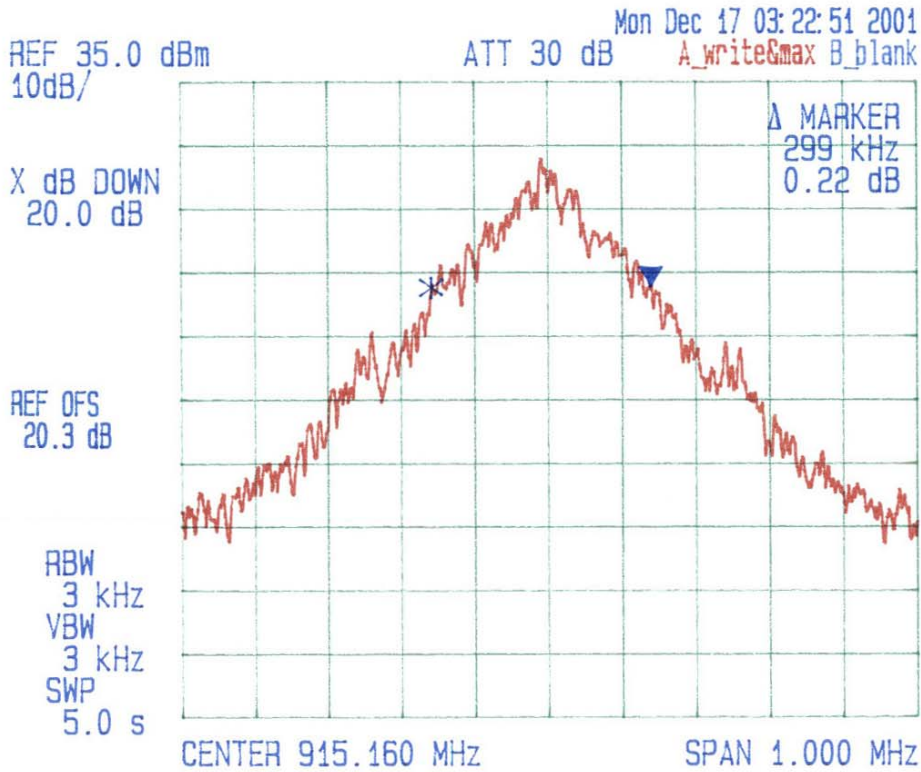
ANNEX 1 - TEST DATA PLOTS

Plot # 5
20 dB Occupied Bandwidth



MICROWAVE DATA SYSTEMS INC.
902-928 MHz OEM Radio Transceiver
Channel: 40 Tx Frequency: 915.16 MHz
Modulation: 4-Level @ 512 kbps
Frequency Hopping Spread Spectrum
20 dB Bandwidth

Date: Dec. 17 2001
Tested by: Hung Trinh



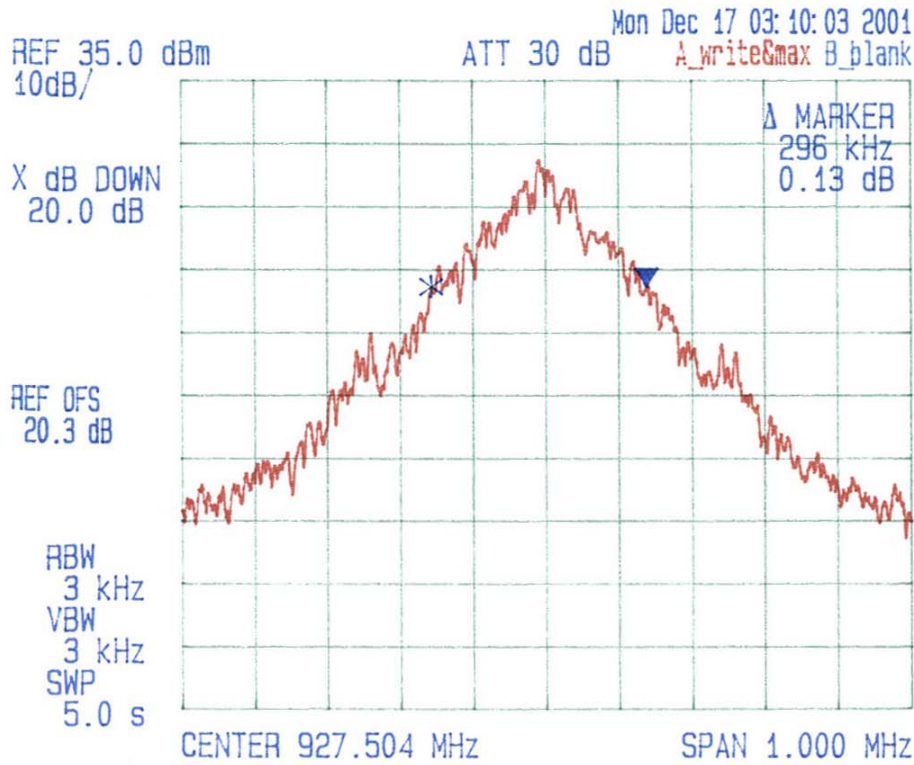
ANNEX 1 - TEST DATA PLOTS

Plot # 6
20 dB Occupied Bandwidth



MICROWAVE DATA SYSTEMS INC.
902-928 MHz OEM Radio Transceiver
Channel: 70 Tx Frequency: 927.507 MHz
Modulation: 4-Level @ 512 kbps
Frequency Hopping Spread Spectrum
20 dB Bandwidth

Date: Dec. 17 2001
Tested by: Hung Trinh



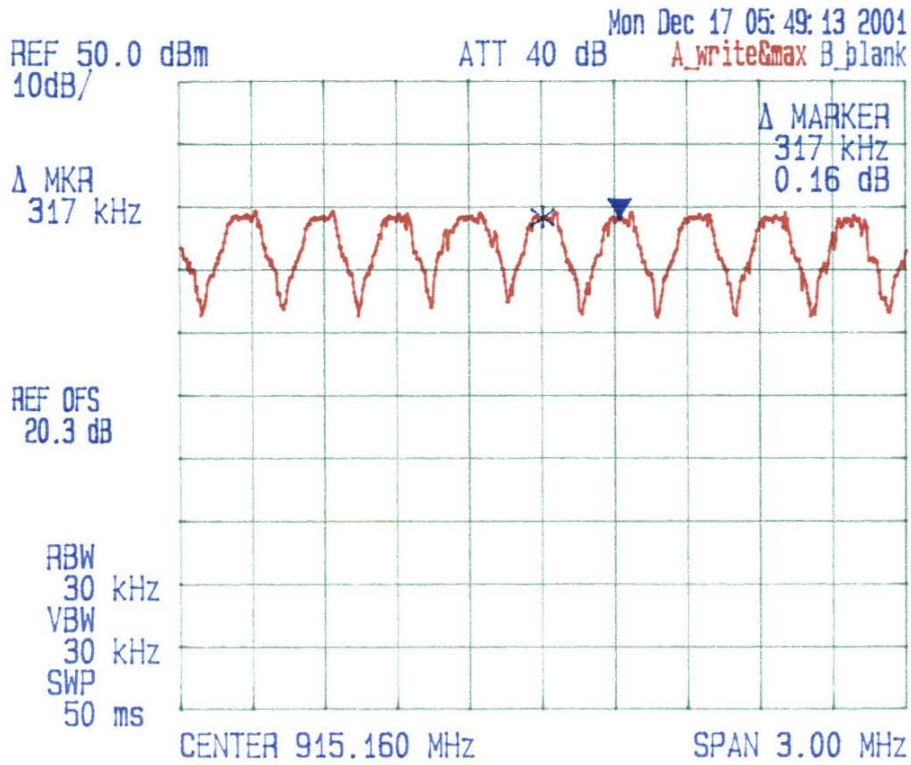
ANNEX 1 - TEST DATA PLOTS

Plot # 7
Channel Hopping Frequency Separation



MICROWAVE DATA SYSTEMS INC.
902-928 MHz OEM Radio Transceiver
Frequency Hopping Spread Spectrum
Carrier Frequency Separation

Date: Dec. 17, 2001
Tested by: Hung Trinh



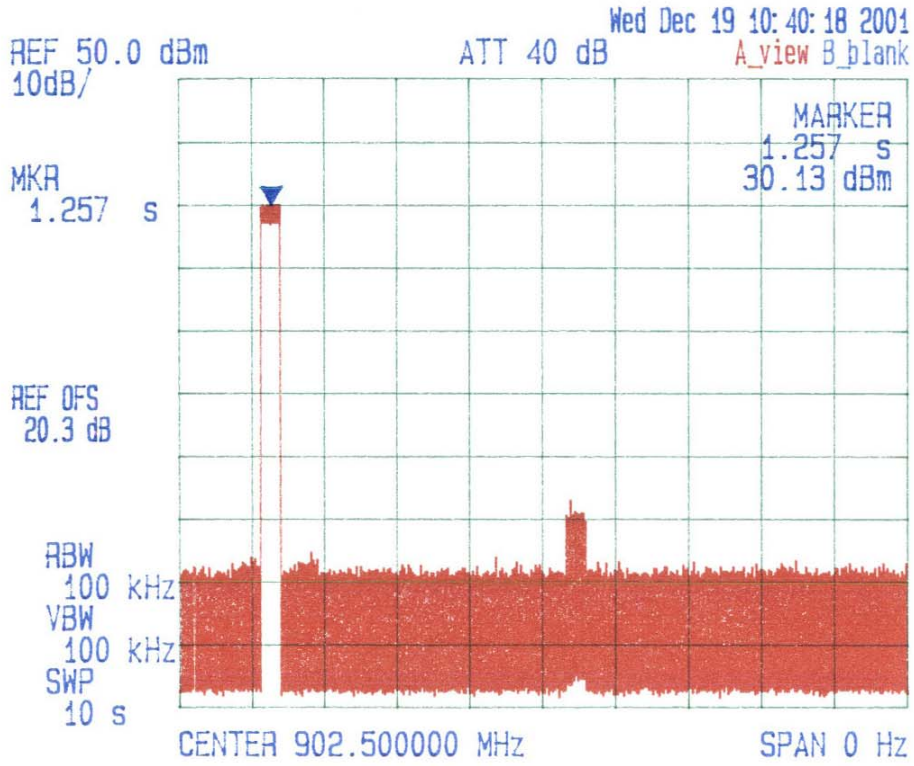
ANNEX 1 - TEST DATA PLOTS

Plot # 8
Average Time of Occupancy
Low End of Frequency Band



MICROWAVE DATA SYSTEMS INC.
902-928 MHz OEM Radio Transceiver
Channel: 0 Tx Frequency: 902.5 MHz
Modulation: FM modulation Level @ 512 kbps data rate
Frequency Hopping Spread Spectrum
Time of Occupancy (Dwell Time)

Date: Dec. 19 2001
Tested by: Hung Trinh



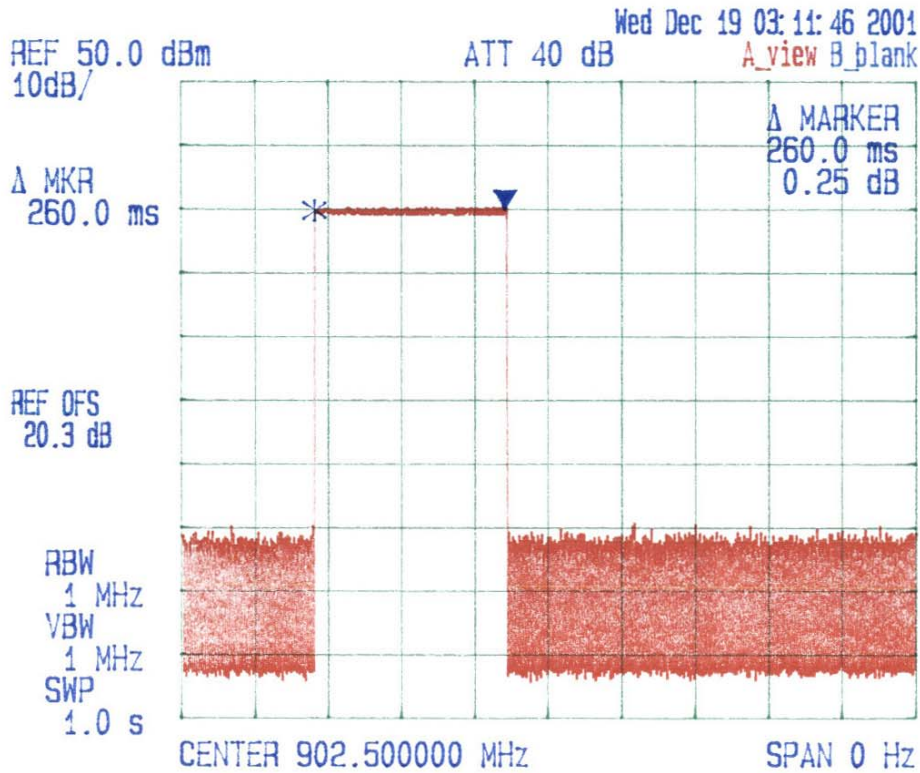
ANNEX 1 - TEST DATA PLOTS

Plot # 9
Average Time of Occupancy
Low End of Frequency Band



MICROWAVE DATA SYSTEMS INC.
902-928 MHz OEM Radio Transceiver
Channel: 0 Tx Frequency: 902.5 MHz
Modulation: FM modulation 2-Level @ 512 kbps data rate
Frequency Hopping Spread Spectrum
Time of Occupancy (Dwell Time)

Date: Dec 19 2001
Tested by: Hung Trinh



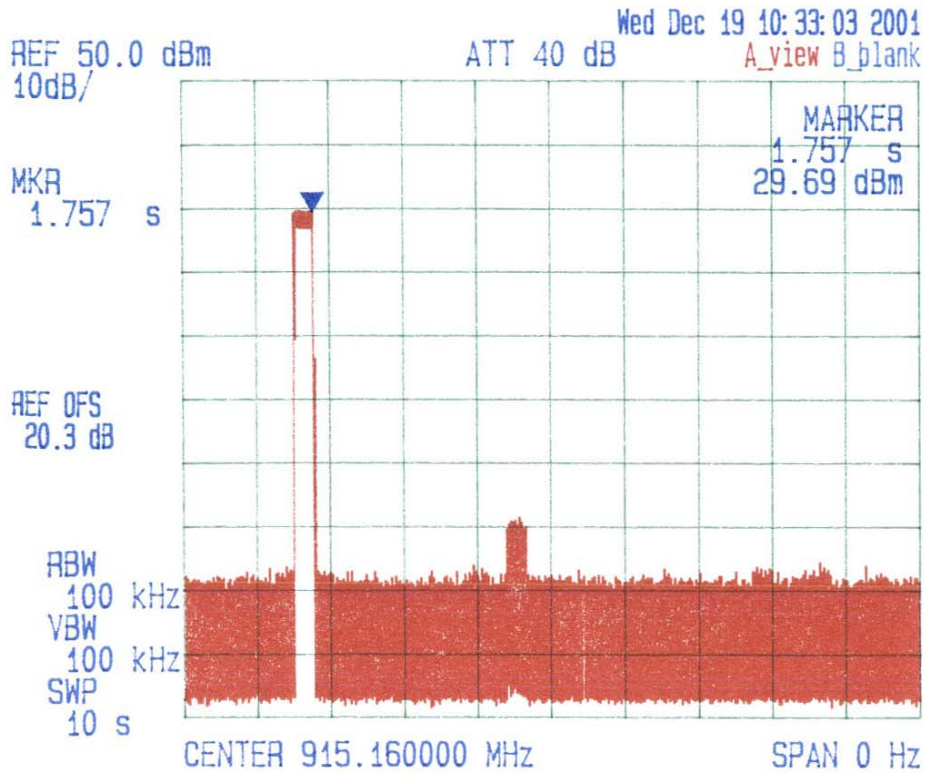
ANNEX 1 - TEST DATA PLOTS

Plot # 10
Average Time of Occupancy
Middle of Frequency Band



MICROWAVE DATA SYSTEMS INC.
902-928 MHz OEM Radio Transceiver
Channel: 40 Tx Frequency: 915.16 MHz
Modulation: FM modulation 2-Level @ 512 kbps data rate
Frequency Hopping Spread Spectrum
Time of Occupancy (Dwell Time)

Date: Dec. 19 2001
Tested by: Hung Trinh



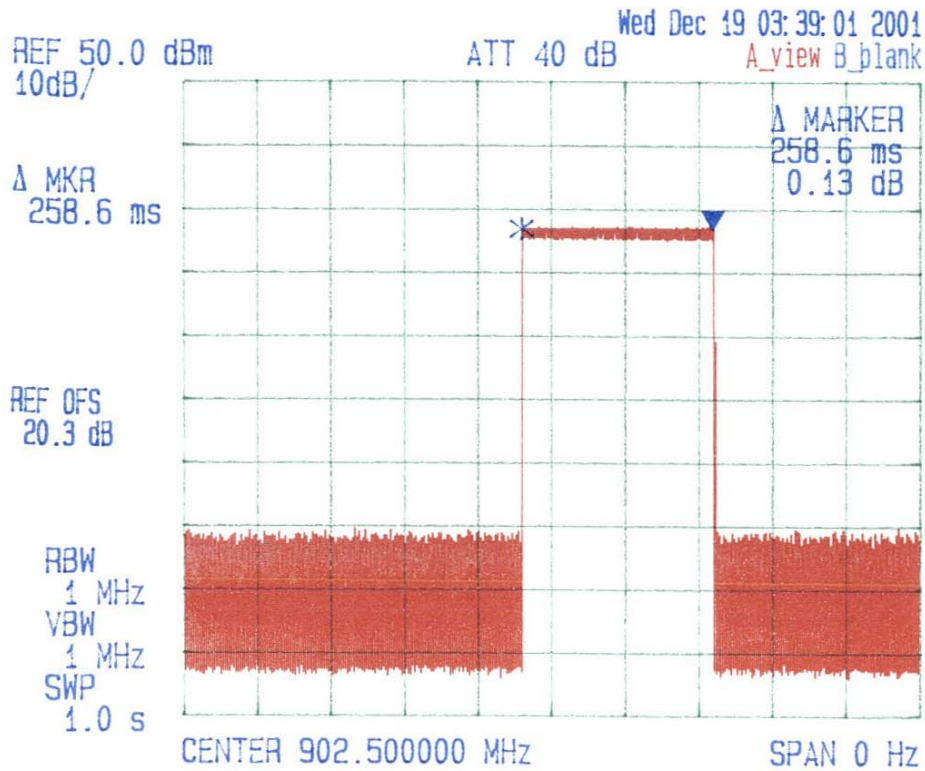
ANNEX 1 - TEST DATA PLOTS

Plot # 11
Average Time of Occupancy
Middle of Frequency Band



MICROWAVE DATA SYSTEMS INC.
902-928 MHz OEM Radio Transceiver
Channel: 40 Tx Frequency: 915.16 MHz
Modulation: FM modulation 2-Level @ 512 kbps data rate
Frequency Hopping Spread Spectrum
Time of Occupancy (Dwell Time)

Date: Dec. 19 2001
Tested by: Hung Trinh



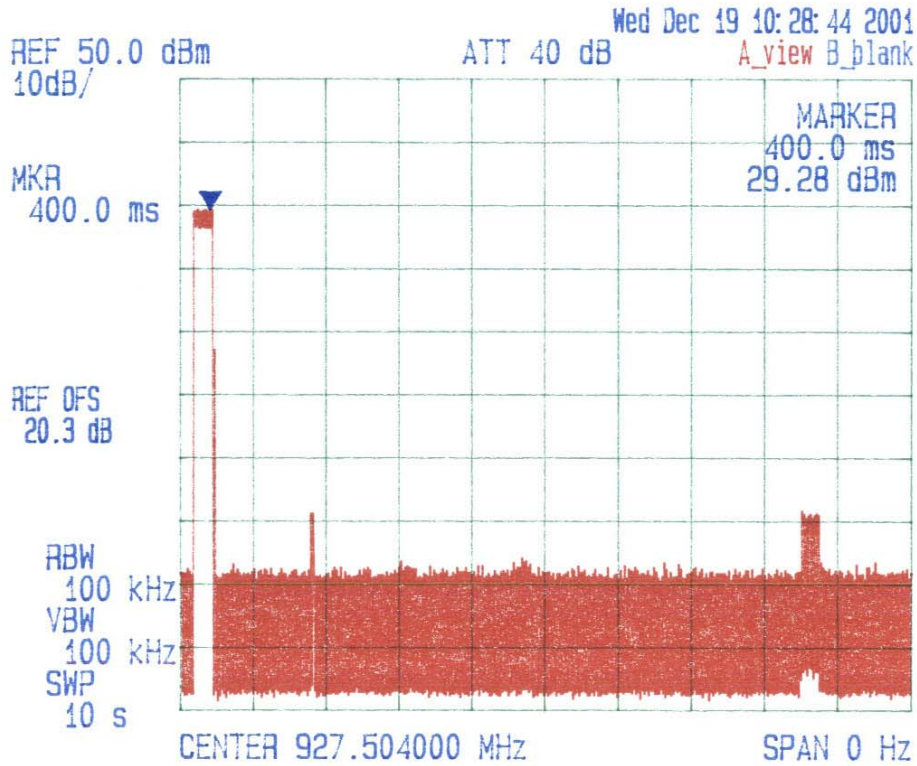
ANNEX 1 - TEST DATA PLOTS

Plot # 12
Average Time of Occupancy
High End of Frequency Band



MICROWAVE DATA SYSTEMS INC.
902-928 MHz OEM Radio Transceiver
Channel: 79 Tx Frequency: 927.50 MHz
Modulation: FM modulation 2 Level @ 512 kbps data rate
Frequency Hopping Spread Spectrum
Time of Occupancy (Dwell Time)

Date: Dec. 19 2001
Tested by: Hung Trinh



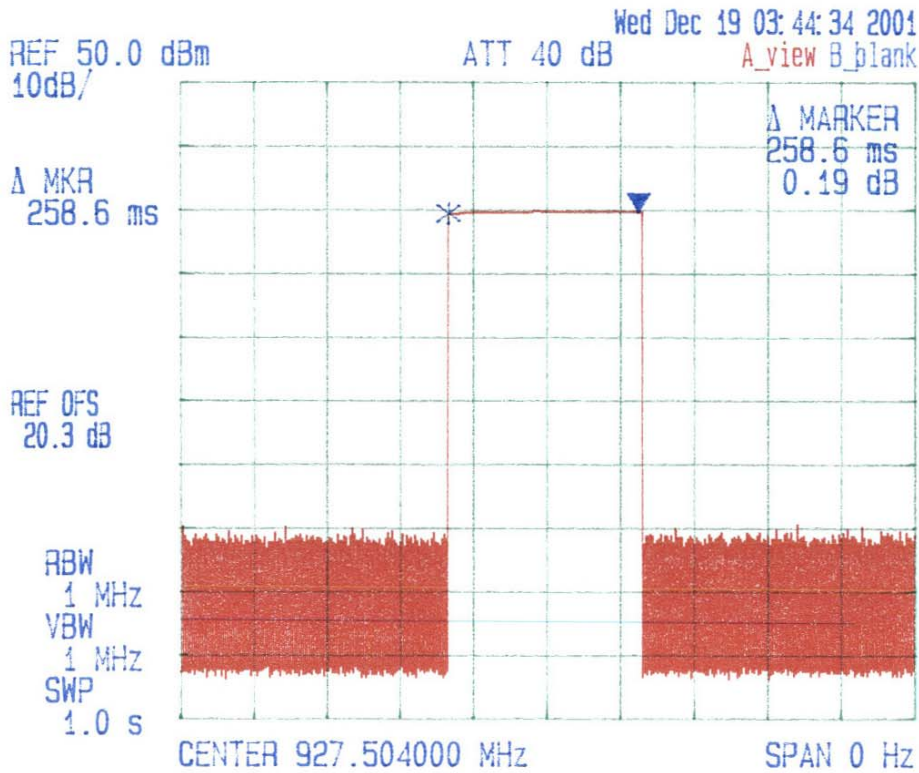
ANNEX 1 - TEST DATA PLOTS

Plot # 13
Average Time of Occupancy
High End of Frequency Band



MICROWAVE DATA SYSTEMS INC.
902-928 MHz OEM Radio Transceiver
Channel: 79 Tx Frequency: 927.50 MHz
Modulation: FM Modulation 2-Level @ 512 kbps data rate
Frequency Hopping Spread Spectrum
Time of Occupancy (Dwell Time)

Date: Dec. 19 2001
Tested by: Hung Trinh



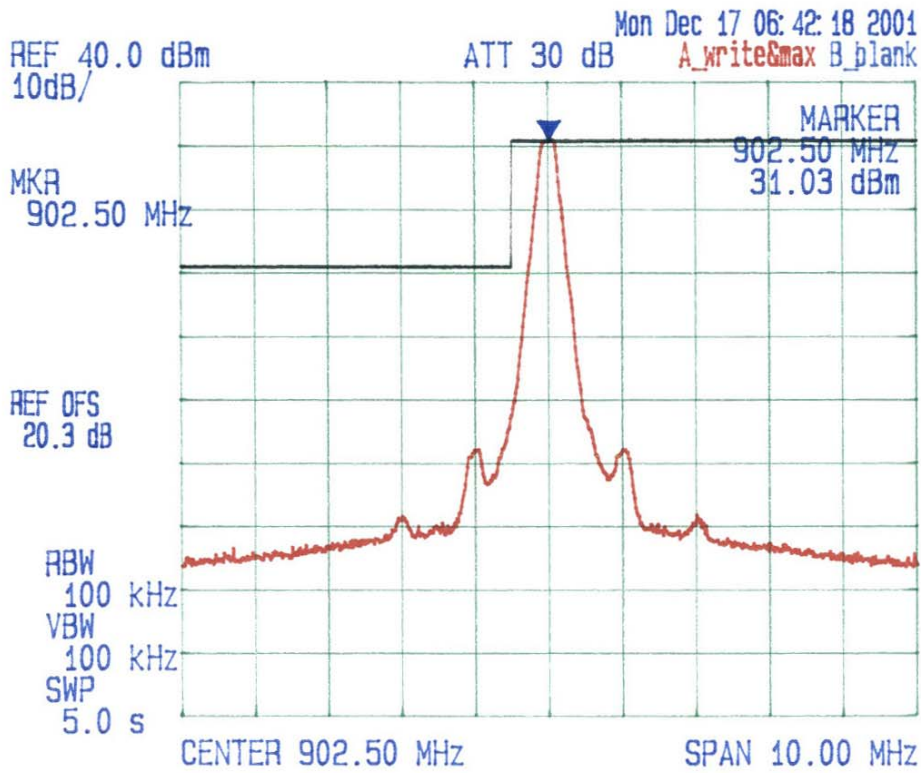
ANNEX 1 - TEST DATA PLOTS

Plot # 14
Band-Edge Spurious Emissions at Antenna Terminals
Low End of Frequency Band
Single Frequency Mode



MICROWAVE DATA SYSTEMS INC.
902-928 MHz OEM Radio Transceiver
Channel: 0 Tx Frequency: 902.5 MHz
Modulation: FM modulation 2-Level @ 512 kbps data rate
Frequency Hopping Spread Spectrum
Low Band Edge Compliance of RF Conducted Emissions

Date: Dec. 17, 2001
Tested by: Hung Trinh



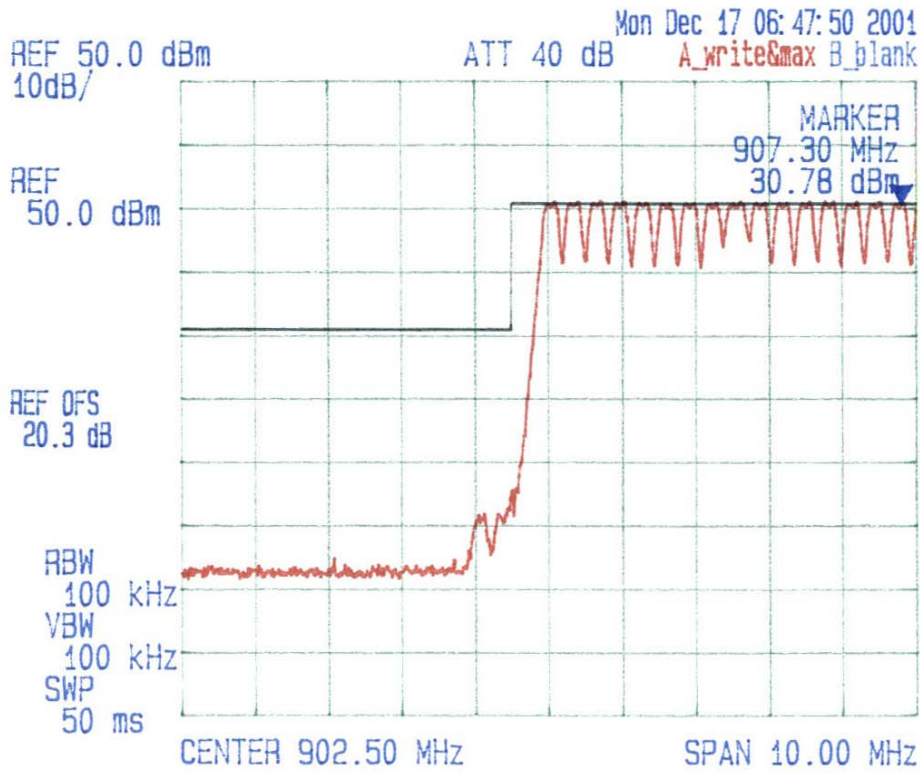
ANNEX 1 - TEST DATA PLOTS

Plot # 15
 Band-Edge Spurious Emissions at Antenna Terminals
 Low End of Frequency Band
 Pseudorandom Channel Hopping Mode



MICROWAVE DATA SYSTEMS INC.
 902-928 MHz OEM Radio Transceiver
 Tx Frequencies Hop from: 902.5 MHz to 907.5 MHz
 Modulation: FM modulation 2-Level @ 512 kbps data rate
Frequency Hopping Spread Spectrum
 Low Band Edge Compliance of RF Conducted Emissions

Date: Dec. 17, 2001
 Tested by: Hung Trinh



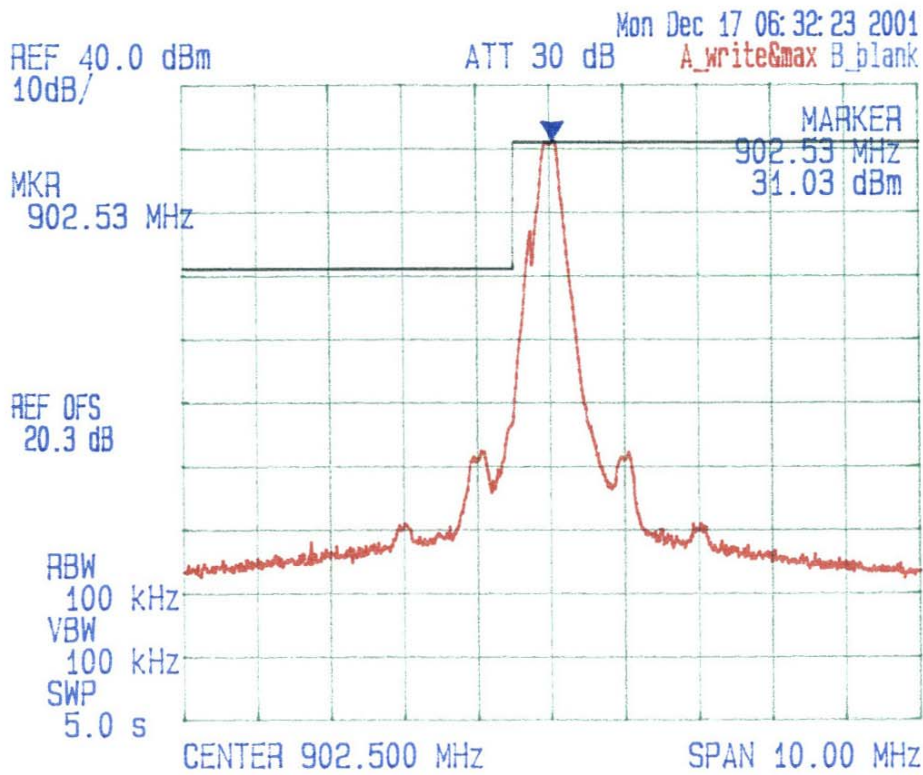
ANNEX 1 - TEST DATA PLOTS

Plot # 16
 Band-Edge Spurious Emissions at Antenna Terminals
 Low End of Frequency Band
 Single Frequency Mode



MICROWAVE DATA SYSTEMS INC.
 902-928 MHz OEM Radio Transceiver
 Channel: 0 Tx Frequency: 902.5 MHz
 Modulation: FM modulation 4-Level @ 512 kbps data rate
Frequency Hopping Spread Spectrum
 Low Band Edge Compliance of RF Conducted Emissions

Date: Dec. 17, 2001
 Tested by: Hung Trinh



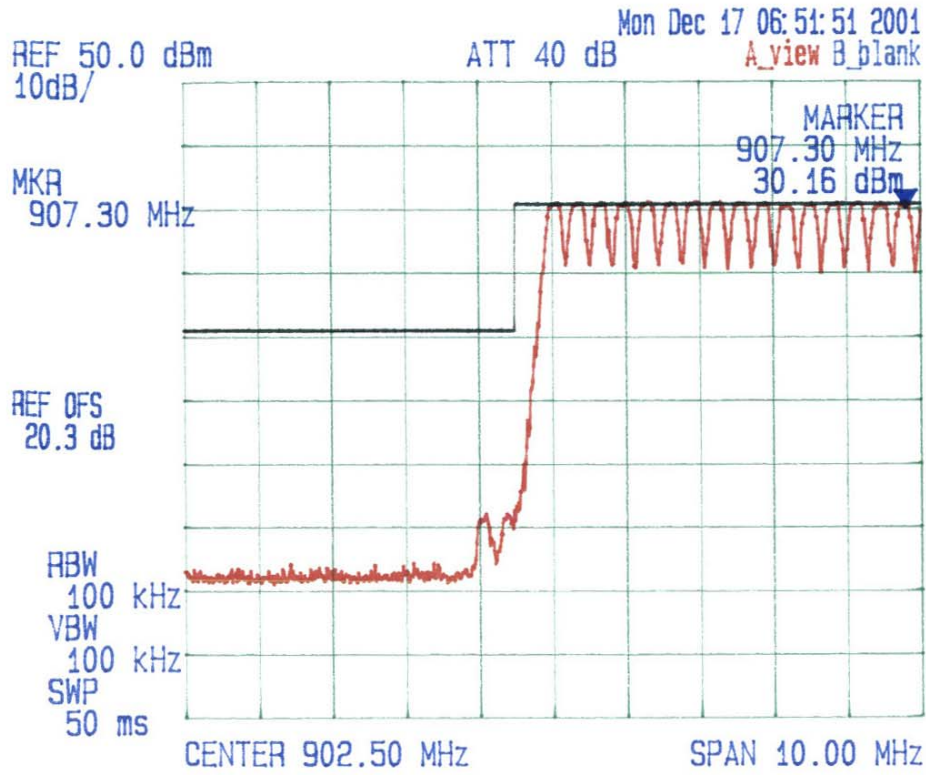
ANNEX 1 - TEST DATA PLOTS

Plot # 17
Band-Edge Spurious Emissions at Antenna Terminals
Low End of Frequency Band
Pseudorandom Channel Hopping Mode



MICROWAVE DATA SYSTEMS INC.
902-928 MHz OEM Radio Transceiver
Tx Frequencies Hop from: 902.5 MHz to 907.3475 MHz
Modulation: FM modulation 4-Level @ 512 kbps data rate
Frequency Hopping Spread Spectrum
Low Band Edge Compliance of RF Conducted Emissions

Date: Dec. 17 2001
Tested by: Hung Trinh



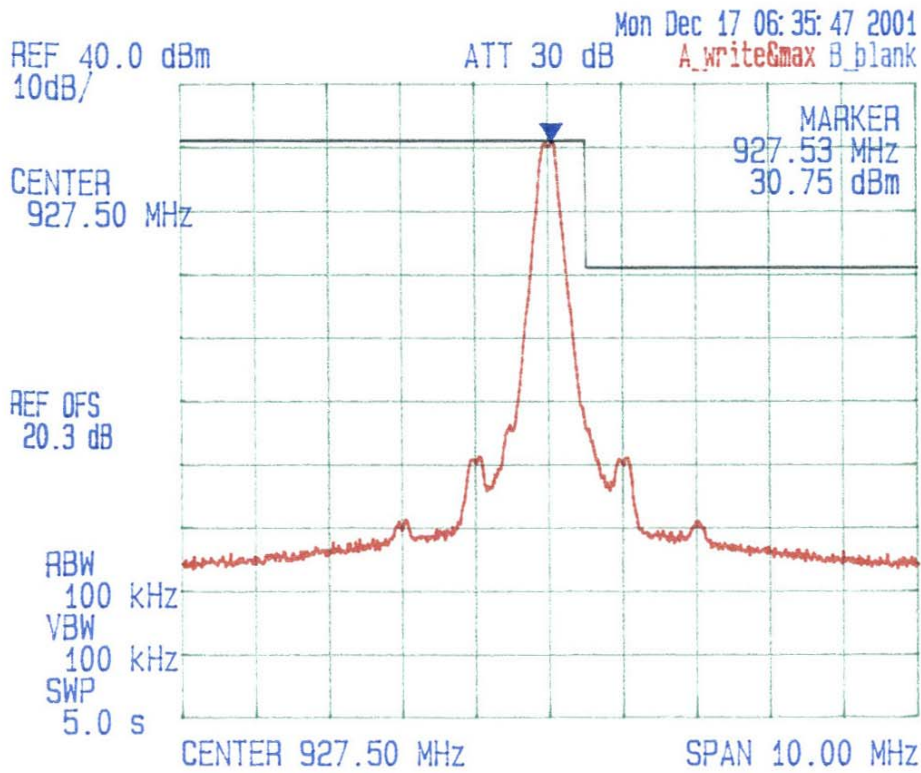
ANNEX 1 - TEST DATA PLOTS

Plot # 18
Band-Edge Spurious Emissions at Antenna Terminals
High End of Frequency Band
Single Frequency Mode



MICROWAVE DATA SYSTEMS INC.
902-928 MHz OEM Radio Transceiver
Channel: 79 Tx Frequency: 927.50 MHz
Modulation: FM modulation 2-Level @ 512 kbps data rate
Frequency Hopping Spread Spectrum
High Band Edge Compliance of RF Conducted Emissions

Date: Dec. 17, 2001
Tested by: Hung Trinh



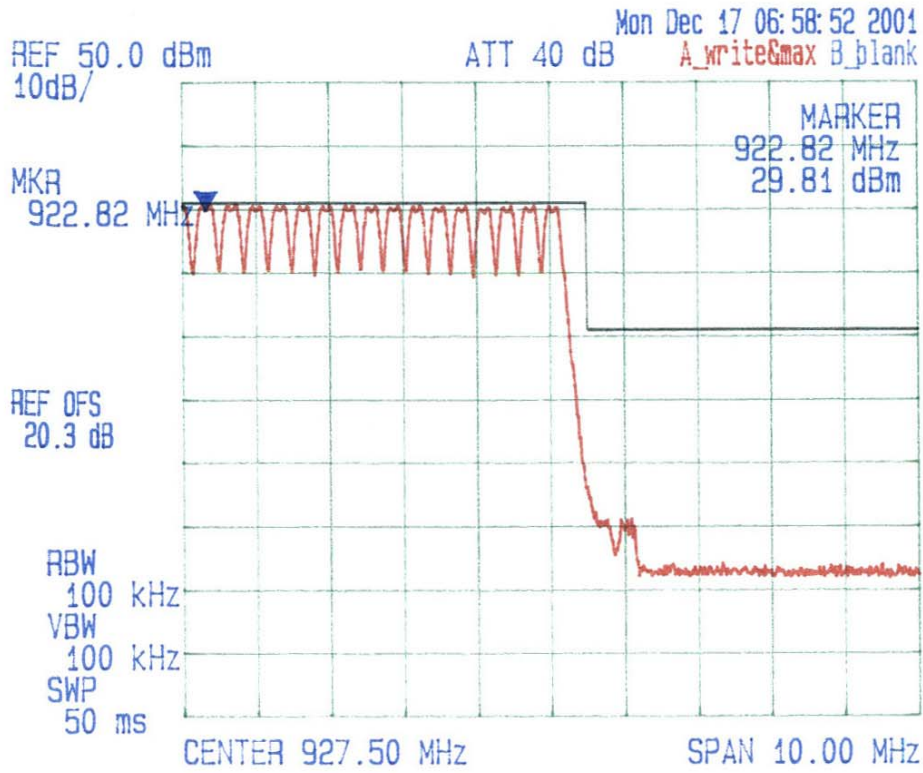
ANNEX 1 - TEST DATA PLOTS

Plot # 19
Band-Edge Spurious Emissions at Antenna Terminals
High End of Frequency Band
Pseudorandom Channel Hopping Mode



MICROWAVE DATA SYSTEMS INC.
902-928 MHz OEM Radio Transceiver
Tx Frequencies Hop from: 922.750 MHz to 927.500 MHz
Modulation: FM modulation 2-Level @ 512 kbps data rate
Frequency Hopping Spread Spectrum
High Band Edge Compliance of RF Conducted Emissions

Date: Dec. 17 2001
Tested by: Hung Trinh



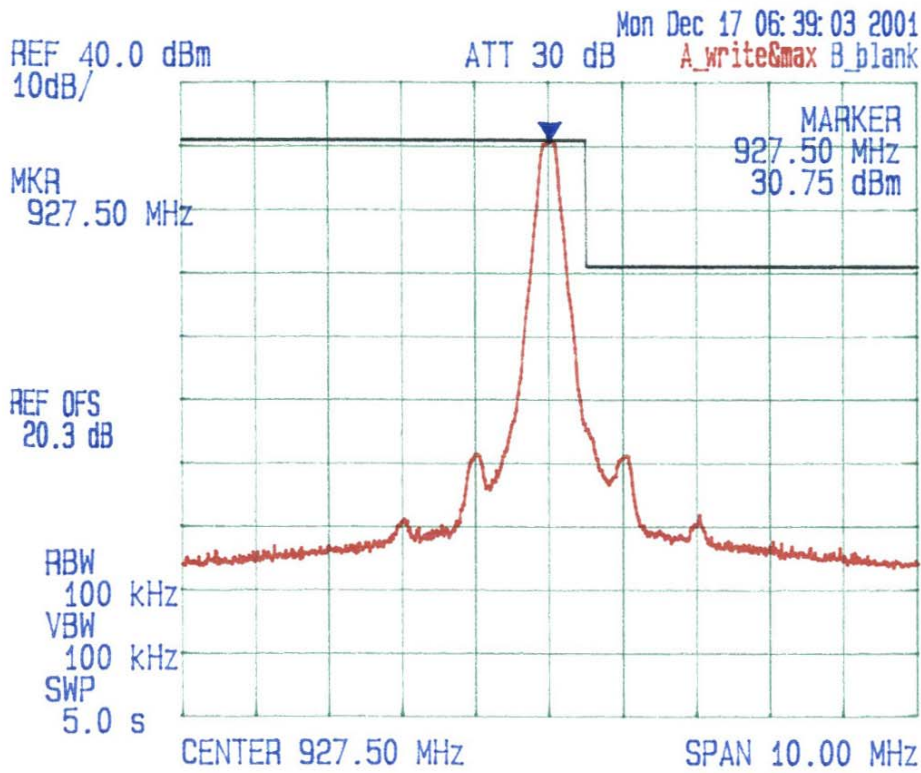
ANNEX 1 - TEST DATA PLOTS

Plot # 20
Band-Edge Spurious Emissions at Antenna Terminals
High End of Frequency Band
Single Frequency Mode



MICROWAVE DATA SYSTEMS INC.
902-928 MHz OEM Radio Transceiver
Channel: 79 Tx Frequency: 927.50 MHz
Modulation: FM modulation 4-Level @ 512 kbps data rate
Frequency Hopping Spread Spectrum
High Band Edge Compliance of RF Conducted Emissions

Date: Dec. 17, 2001
Tested by: Hung Trinh



ANNEX 1 - TEST DATA PLOTS

Plot # 21
Band-Edge Spurious Emissions at Antenna Terminals
High End of Frequency Band
Pseudorandom Channel Hopping Mode



MICROWAVE DATA SYSTEMS INC.
902-928 MHz OEM Radio Transceiver
Tx Frequencies Hop from: ~~902.700~~ MHz to ~~907.545~~ MHz
Modulation: FM modulation 4-Level @ 512 kbps data rate
Frequency Hopping Spread Spectrum
High Band Edge Compliance of RF Conducted Emissions

Date: Dec. 17 2001
Tested by: Hung Trinh

