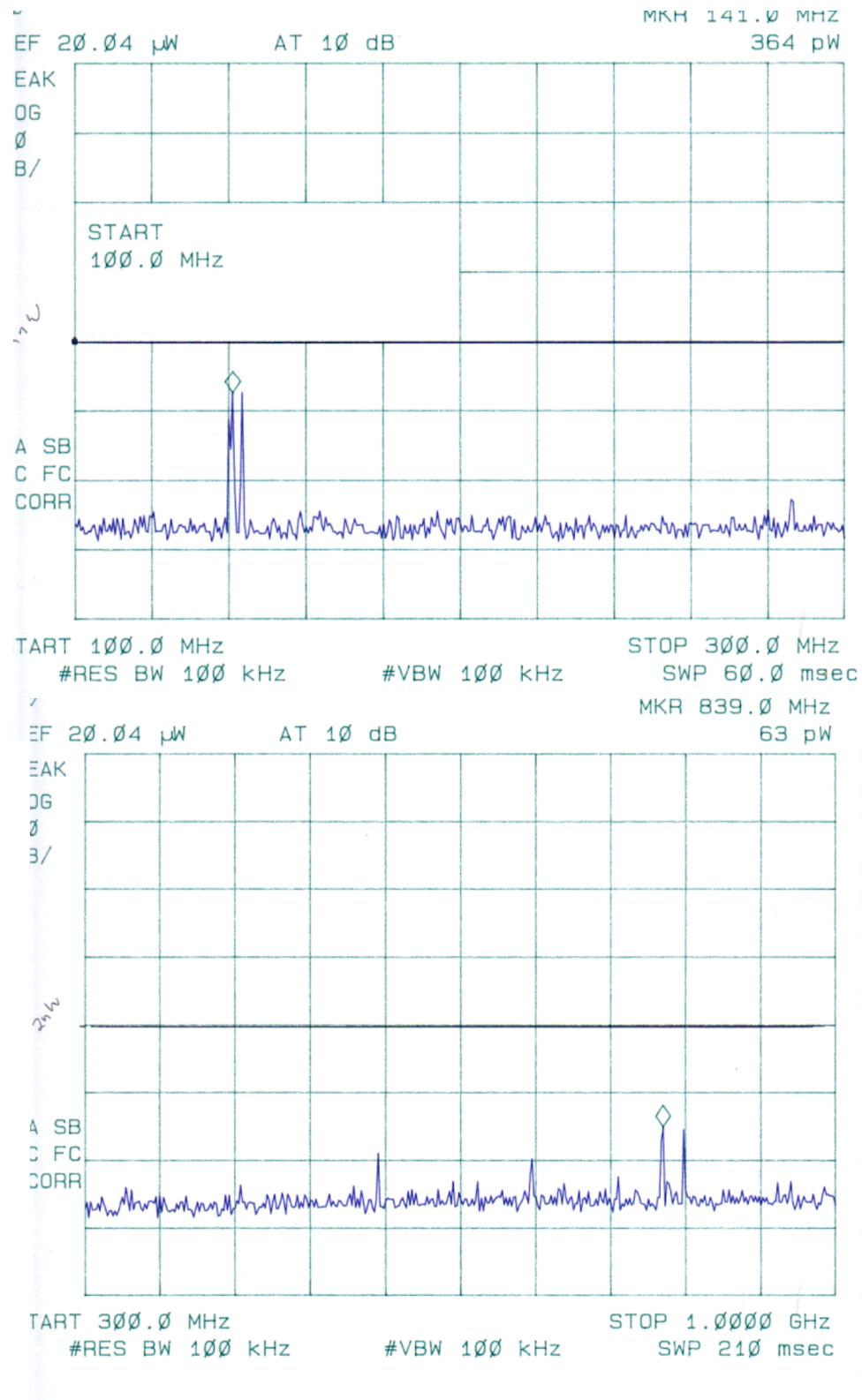


### VIII. Measurement Results for AIS Physical Tests Cont'd:

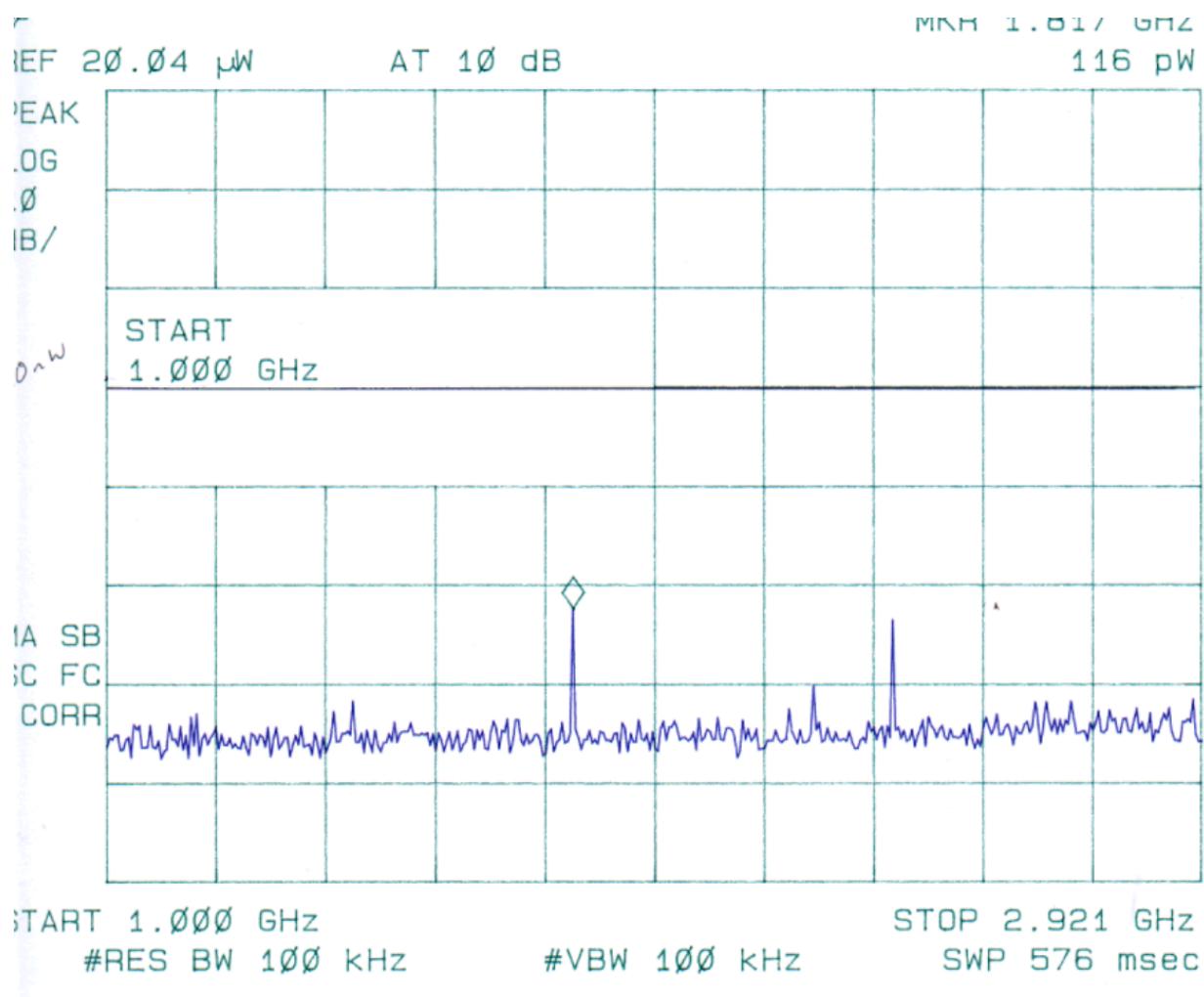
#### 12. Conducted Spurious.

Receive Specification: -57 dBm (2nW) from 100 MHz to 1 GHz



**VIII. Measurement Results for AIS Physical Tests Cont'd:****12. Conducted Spurious.**

Receive Specification: -47 dBm (20nW) from 1 GHz to 2 GHz



### **VIII. Measurement Results for AIS Physical Tests Cont'd:**

#### **13. Power Supply.**

Overvoltage Specification: 40VDC Extreme Operation

Reverse Polarity: No Damage, Extreme Operation

Voltage Variation: 10.8-31.2 VDC, Extreme Operation

Mode	Specified Value	Measured Value	Observed Effect
Overvoltage	40 VDC	40 VDC	Unit Shuts Down
Reverse Polarity	-24 VDC	-24 VDC	No Effect
Voltage Variation	31.2 VDC to 10.9 VDC	31.2 VDC to 10.9 VDC	Unit Operates Normally
Voltage Variation	10.8 VDC	10.8 VDC	Unit Shuts Down

#### **14. Acoustic.**

Specification:  $\leq$ 60 dBA @ 1 meter

AIS Face	Specification dBA	Measured dBA
Front	60	48
Top	60	47
Bottom	60	51
Right Side	60	49
Left Side	60	48
Rear	60	50