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| UNCLASSIFIED | |
| SECURITY SUMMARY & SPECIAL HANDLING REQUIREMENTS | |
| <p>The System Name is : Aviat Networks Eclipse Radio IRU600 MP 8 GHz</p> <p>The overall classification of this application is : UNCLASSIFIED</p> | |
| <p>Refer to your Security Manual for further guidance.</p> | |
| <p>The Application Level Special Handling is : A</p> <p>Approved for public release; distribution is unlimited (DoD Directive 5230.24)</p> | |
| DOWNGRADING INSTRUCTIONS | |
| Special Handling Instruction : A | CLASSIFICATION UNCLASSIFIED |

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| FULL RECORD PRINT FOR AVIAT NETWORKS ECLIPSE RADIO IRU600 MP 8 GHZ | | | |
| SELECTED FREQUENCIES | | | |
| (U) 7750.000 MHz - 8500.000 MHz | | | |
| System Name (Nomenclature) (U) Aviat Networks Eclipse Radio IRU600 MP 8 GHz | | Stage (U) 4 - Operational | |
| Coord. ID/Coord. Num. J/F 12/ | | NTIA Certified (U) No | |
| Agency (U) DOE - Department of Energy | | Date Of Import 9/16/2019 3:28:26 PM (GMT) | |
| Overall Security Unclassified | | Date/Time Last Mod. 9/10/2019 4:26:19 PM (GMT) | |
| GEOGRAPHIC AREAS FOR STAGE 4 | | | |
| (U) , (U) USP (US & POSS) Location Type : (U) Polygon | | | |
| Control Numbers: | | Predefined Trunking? (U) No | |
| REFERENCES | | | |
| Type : Previous Certification Ref. To Cert. : False Ref. Title : DOE - Aviat Networks Eclipse Radio IRU600 8 GHz - 4 - unapproved - J/F 12 Ref. Org. : (U) AR Ref. Date : 6/6/2014 Ref. Is Class. : False | | | |
| SYSTEM INFORMATION | | | |
| System Description: (U) This Point-to-Point Microwave system is a proactive effort to approve a replacement system for the departments microwave systems throughout US&P that are nearing the end of the equipment life-cycle. | | | |
| System Relationship and Essentiality: (U) System Relationship and Essentiality information to be provided by user bureau within DOE when engineering links. | | | |
| ATTACHMENTS | | | |
| File Name (U) NTIA EL-CID notes IRU 600 MP, July 2019.pdf | SPS Number | Date of Attachment 7/8/2019 | |
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| FULL RECORD PRINT FOR AVIAT NETWORKS ECLIPSE RADIO IRU600 MP 8 GHZ | | |
| TARGET DATES | | |
| System Termination: | | System Activation: System Approval: |
| NSEP Use: (U) No | | ITU Waiver: (U) No |
| Number Of Units: | | |
| Estimated Cost of the System: | | |
| Replacement Information: (U) N/A | | |
| STATIONS | | |
| Station Name : (U) ADR1 | | |
| <u>Transmitters</u> | | |
| Nomenclature : (U) Eclipse Radio IRU600 MP 8 GHz TX | | |
| <u>Receivers</u> | | |
| Nomenclature : (U) Eclipse Radio IRU600 MP 8 GHz RX | | |
| <u>Antennas</u> | | |
| Nomenclature : (U) 4 Ft SP HP WB Dish | | |
| Nomenclature : (U) 4 ft DP HP WB Dish | | |
| Nomenclature : (U) 4 ft DP HP WB LP | | |
| Nomenclature : (U) 6 ft SP HP WB LP | | |
| Nomenclature : (U) 6 ft DP HP WB LP Dish | | |
| Nomenclature : (U) 8 ft SP HP WB Dish | | |
| Nomenclature : (U) 8 ft DP HP WB Dish | | |
| Nomenclature : (U) 8 ft SP STD WB Dish | | |
| Nomenclature : (U) 10 ft SP HP WB | | |
| Nomenclature : (U) 10 ft DP HP WB Dish | | |
| Nomenclature : (U) 10 ft SP STD WB Dish | | |
| Nomenclature : (U) 12 ft SP HP WB Dish | | |
| Nomenclature : (U) 12 ft DP HP WB Dish | | |
| Nomenclature : (U) 12 ft SP STD WB Dish | | |
| Nomenclature : (U) 4 ft SP HP WB LP | | |
| Nomenclature : (U) 6 ft DP HP WB Hi-XPB Dish | | |
| Nomenclature : (U) 6 ft DP UHP WB Hi-XPB Dish | | |
| Nomenclature : (U) 10 ft DP HP WB Shielded Dish | | |
| Nomenclature : (U) 12 ft DP HP WB Shielded Dish | | |
| Nomenclature : (U) 12 ft DP STD WB Dish | | |
| Nomenclature : (U) 8 ft DP HP WB Hi-XPB Dish | | |
| Nomenclature : (U) 8 ft DP HP WB Shielded Dish | | |
| Nomenclature : (U) 8 ft DP UHP WB Hi-XPB Dish | | |
| Nomenclature : (U) 3ft SP HP WB LP | | |
| Nomenclature : (U) 3ft DP HP WB LP | | |
| Nomenclature : (U) 2ft SP HP WB LP | | |
| Nomenclature : (U) 2ft DP HP WB LP | | |
| Nomenclature : (U) 4 ft Sentinel HP SP 7G | | |
| Nomenclature : (U) 4 ft Sentinel HP DP 7G | | |
| Nomenclature : (U) 8 ft DP STD WB Dish 7G | | |
| Nomenclature : (U) 10 ft DP HP WB Hi-XPB Dish | | |
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FULL RECORD PRINT FOR AVIAT NETWORKS ECLIPSE RADIO IRU600 MP 8 GHZ

Nomenclature : (U) 12 ft DP HP WB Hi-XPD Dish
 Nomenclature : (U) 10 ft DP UHP WB Hi-XPD Dish
 Nomenclature : (U) 12 ft DP UHP WB Hi-XPD Dish
 Nomenclature : (U) 4ft SP STD 8G
 Nomenclature : (U) 4 ft DP HP Hi-XPD 8G Dish
 Nomenclature : (U) 8 ft DP UHP 8G Dish
 Nomenclature : (U) 8 ft DP HP Hi-XPD 8G Dish
 Nomenclature : (U) 10 ft DP UHP 8G Dish
 Nomenclature : (U) 10 ft DP HP Hi-XPD 8G Dish
 Nomenclature : (U) 10 ft DP Std 8G Dish
 Nomenclature : (U) 12 ft DP UHP 8G Dish
 Nomenclature : (U) 12 ft DP HP Hi-XPD 8G Dish

Station Name : (U) ADR2

Transmitters

Nomenclature : (U) Eclipse Radio IRU600 MP 8 GHz TX

Receivers

Nomenclature : (U) Eclipse Radio IRU600 MP 8 GHz RX

Antennas

Nomenclature : (U) 4 Ft SP HP WB Dish
 Nomenclature : (U) 4 ft DP HP WB Dish
 Nomenclature : (U) 4 ft DP HP WB LP
 Nomenclature : (U) 6 ft SP HP WB LP
 Nomenclature : (U) 6 ft DP HP WB LP Dish
 Nomenclature : (U) 8 ft SP HP WB Dish
 Nomenclature : (U) 8 ft DP HP WB Dish
 Nomenclature : (U) 8 ft SP STD WB Dish
 Nomenclature : (U) 10 ft SP HP WB
 Nomenclature : (U) 10 ft DP HP WB Dish
 Nomenclature : (U) 10 ft SP STD WB Dish
 Nomenclature : (U) 12 ft SP HP WB Dish
 Nomenclature : (U) 12 ft DP HP WB Dish
 Nomenclature : (U) 12 ft SP STD WB Dish
 Nomenclature : (U) 4 ft SP HP WB LP
 Nomenclature : (U) 6 ft DP HP WB Hi-XPD Dish
 Nomenclature : (U) 6 ft DP UHP WB Hi-XPD Dish
 Nomenclature : (U) 10 ft DP HP WB Shielded Dish
 Nomenclature : (U) 12 ft DP HP WB Shielded Dish
 Nomenclature : (U) 12 ft DP STD WB Dish
 Nomenclature : (U) 8 ft DP HP WB Hi-XPD Dish
 Nomenclature : (U) 8 ft DP HP WB Shielded Dish
 Nomenclature : (U) 8 ft DP UHP WB Hi-XPD Dish
 Nomenclature : (U) 3ft SP HP WB LP
 Nomenclature : (U) 3ft DP HP WB LP
 Nomenclature : (U) 2ft SP HP WB LP
 Nomenclature : (U) 2ft DP HP WB LP
 Nomenclature : (U) 4 ft Sentinel HP SP 7G
 Nomenclature : (U) 4 ft Sentinel HP DP 7G
 Nomenclature : (U) 8 ft DP STD WB Dish 7G
 Nomenclature : (U) 10 ft DP HP WB Hi-XPD Dish
 Nomenclature : (U) 12 ft DP HP WB Hi-XPD Dish
 Nomenclature : (U) 10 ft DP UHP WB Hi-XPD Dish
 Nomenclature : (U) 12 ft DP UHP WB Hi-XPD Dish
 Nomenclature : (U) 4ft SP STD 8G

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| CLASSIFICATION | | UNCLASSIFIED | | PAGE 5 | |
| FULL RECORD PRINT FOR AVIAT NETWORKS ECLIPSE RADIO IRU600 MP 8 GHZ | | | | | |
| <div> <div>Nomenclature</div> <div>:</div> <div>(U) 4 ft DP HP Hi-XPB 8G Dish</div> </div> <div> <div>Nomenclature</div> <div>:</div> <div>(U) 8 ft DP UHP 8G Dish</div> </div> <div> <div>Nomenclature</div> <div>:</div> <div>(U) 8 ft DP HP Hi-XPB 8G Dish</div> </div> <div> <div>Nomenclature</div> <div>:</div> <div>(U) 10 ft DP UHP 8G Dish</div> </div> <div> <div>Nomenclature</div> <div>:</div> <div>(U) 10 ft DP HP Hi-XPB 8G Dish</div> </div> <div> <div>Nomenclature</div> <div>:</div> <div>(U) 10 ft DP Std 8G Dish</div> </div> <div> <div>Nomenclature</div> <div>:</div> <div>(U) 12 ft DP UHP 8G Dish</div> </div> <div> <div>Nomenclature</div> <div>:</div> <div>(U) 12 ft DP HP Hi-XPB 8G Dish</div> </div> | | | | | |
| STATION INFORMATION | | | | | |
| Transmitting Station: | | | Receiving Station: | | |
| (U) ADR1 | | | (U) ADR2 | | |
| Station Class: FX | | | Radio Service: Fixed | | |
| LINK INFORMATION | | | | | |
| Transmitter: | | | Transmitter Antenna: | | |
| (U) Eclipse Radio IRU600 MP 8 GHz TX | | | (U) 12 ft DP HP Hi-XPB 8G Dish | | |
| Receiver: | | | Receiver Antenna: | | |
| (U) Eclipse Radio IRU600 MP 8 GHz RX | | | (U) 2ft DP HP WB LP | | |
| | | | | | |
| SELECTED MODES | | | | | |
| Frequency | Emission Designator | Power | Notes | | |
| (U) 7750.000 MHz - 7900.000 MHz | (U) 60M0G7W | (U) 0.794 W Mean | PRI | | |
| (U) 7750.000 MHz - 7900.000 MHz | (U) 40M0D7W | (U) 0.794 W Mean | PRI | | |
| (U) 7750.000 MHz - 7900.000 MHz | (U) 60M0D7W | (U) 0.794 W Mean | PRI | | |
| (U) 7750.000 MHz - 7900.000 MHz | (U) 40M0G7W | (U) 0.794 W Mean | PRI | | |
| (U) 7750.000 MHz - 7900.000 MHz | (U) 10M0D7W | (U) 0.794 W Mean | PRI | | |
| (U) 7750.000 MHz - 7900.000 MHz | (U) 30M0G7W | (U) 0.794 W Mean | PRI | | |
| (U) 7750.000 MHz - 7900.000 MHz | (U) 30M0D7W | (U) 0.794 W Mean | PRI | | |
| (U) 7750.000 MHz - 7900.000 MHz | (U) 10M0G7W | (U) 0.794 W Mean | PRI | | |
| (U) 7900.000 MHz - 8025.000 MHz | (U) 60M0D7W | (U) 0.794 W Mean | SEC | | |
| (U) 7900.000 MHz - 8025.000 MHz | (U) 60M0G7W | (U) 0.794 W Mean | SEC | | |
| (U) 7900.000 MHz - 8025.000 MHz | (U) 30M0G7W | (U) 0.794 W Mean | SEC | | |
| (U) 7900.000 MHz - 8025.000 MHz | (U) 10M0G7W | (U) 0.794 W Mean | SEC | | |
| (U) 7900.000 MHz - 8025.000 MHz | (U) 40M0D7W | (U) 0.794 W Mean | SEC | | |
| (U) 7900.000 MHz - 8025.000 MHz | (U) 30M0D7W | (U) 0.794 W Mean | SEC | | |
| (U) 7900.000 MHz - 8025.000 MHz | (U) 10M0D7W | (U) 0.794 W Mean | SEC | | |
| (U) 7900.000 MHz - 8025.000 MHz | (U) 40M0G7W | (U) 0.794 W Mean | SEC | | |
| (U) 8025.000 MHz - 8500.000 MHz | (U) 60M0G7W | (U) 0.794 W Mean | PRI | | |
| (U) 8025.000 MHz - 8500.000 MHz | (U) 30M0D7W | (U) 0.794 W Mean | PRI | | |
| (U) 8025.000 MHz - 8500.000 MHz | (U) 40M0D7W | (U) 0.794 W Mean | PRI | | |
| (U) 8025.000 MHz - 8500.000 MHz | (U) 30M0G7W | (U) 0.794 W Mean | PRI | | |
| (U) 8025.000 MHz - 8500.000 MHz | (U) 40M0G7W | (U) 0.794 W Mean | PRI | | |
| (U) 8025.000 MHz - 8500.000 MHz | (U) 10M0G7W | (U) 0.794 W Mean | PRI | | |
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| CLASSIFICATION <div>UNCLASSIFIED</div> | | PAGE 6 | |
| FULL RECORD PRINT FOR AVIAT NETWORKS ECLIPSE RADIO IRU600 MP 8 GHZ | | | |
| (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz | (U) 10M0D7W (U) 60M0D7W | (U) 0.794 W Mean (U) 0.794 W Mean | PRI PRI |
| LINK INFORMATION | | | |
| Transmitter: (U) Eclipse Radio IRU600 MP 8 GHz TX | | Transmitter Antenna: (U) 12 ft DP HP Hi-XPD 8G Dish | |
| Receiver: (U) Eclipse Radio IRU600 MP 8 GHz RX | | Receiver Antenna: (U) 2ft SP HP WB LP | |
| <div></div> | | | |
| SELECTED MODES | | | |
| Frequency (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz | Emission Designator (U) 40M0G7W (U) 60M0D7W (U) 40M0D7W (U) 30M0G7W (U) 10M0D7W (U) 60M0G7W (U) 30M0D7W (U) 10M0G7W (U) 60M0G7W (U) 30M0D7W (U) 10M0G7W (U) 60M0G7W (U) 30M0D7W (U) 10M0G7W (U) 60M0G7W (U) 30M0D7W (U) 10M0G7W (U) 60M0G7W (U) 30M0D7W (U) 10M0G7W (U) 60M0G7W (U) 30M0D7W (U) 10M0G7W (U) 60M0G7W (U) 30M0D7W (U) 10M0G7W (U) 60M0G7W (U) 30M0D7W (U) 40M0D7W | Power (U) 0.794 W Mean | Notes PRI PRI PRI PRI PRI PRI PRI PRI PRI SEC SEC SEC SEC SEC SEC SEC SEC SEC PRI PRI PRI PRI PRI PRI PRI PRI PRI |
| LINK INFORMATION | | | |
| Transmitter: (U) Eclipse Radio IRU600 MP 8 GHz TX | | Transmitter Antenna: (U) 12 ft DP HP WB Shielded Dish | |
| Receiver: (U) Eclipse Radio IRU600 MP 8 GHz RX | | Receiver Antenna: (U) 2ft DP HP WB LP | |
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| CLASSIFICATION <div>UNCLASSIFIED</div> | | PAGE 7 | |
| FULL RECORD PRINT FOR AVIAT NETWORKS ECLIPSE RADIO IRU600 MP 8 GHZ | | | |
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| SELECTED MODES | | | |
| Frequency (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz | Emission Designator (U) 40M0D7W (U) 60M0D7W (U) 40M0G7W (U) 30M0G7W (U) 60M0G7W (U) 10M0G7W (U) 10M0D7W (U) 30M0D7W (U) 60M0D7W (U) 60M0G7W (U) 30M0G7W (U) 10M0D7W (U) 10M0G7W (U) 40M0G7W (U) 30M0D7W (U) 40M0D7W (U) 40M0D7W (U) 40M0G7W (U) 30M0G7W (U) 60M0D7W (U) 10M0G7W (U) 60M0G7W (U) 10M0D7W (U) 30M0D7W | Power (U) 0.794 W Mean | Notes PRI PRI PRI PRI PRI PRI PRI PRI PRI SEC SEC SEC SEC SEC SEC SEC SEC SEC SEC PRI PRI PRI PRI PRI PRI PRI |
| LINK INFORMATION | | | |
| Transmitter: (U) Eclipse Radio IRU600 MP 8 GHz TX | | Transmitter Antenna: (U) 12 ft DP HP WB Shielded Dish | |
| Receiver: (U) Eclipse Radio IRU600 MP 8 GHz RX | | Receiver Antenna: (U) 2ft SP HP WB LP | |
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| SELECTED MODES | | | |
| Frequency (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz | Emission Designator (U) 60M0D7W (U) 60M0G7W (U) 40M0G7W (U) 10M0G7W (U) 10M0D7W (U) 30M0G7W (U) 30M0D7W (U) 40M0D7W | Power (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean | Notes PRI PRI PRI PRI PRI PRI PRI PRI |
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| CLASSIFICATION UNCLASSIFIED | | PAGE 8 | |
| FULL RECORD PRINT FOR AVIAT NETWORKS ECLIPSE RADIO IRU600 MP 8 GHZ | | | |
| (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz | (U) 60M0D7W (U) 60M0G7W (U) 30M0G7W (U) 10M0G7W (U) 40M0D7W (U) 30M0D7W (U) 10M0D7W (U) 40M0G7W (U) 10M0G7W (U) 30M0D7W (U) 60M0D7W (U) 40M0D7W (U) 30M0G7W (U) 40M0G7W (U) 10M0D7W (U) 60M0G7W | (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean | SEC SEC SEC SEC SEC SEC SEC SEC SEC PRI PRI PRI PRI PRI PRI PRI PRI PRI |
| LINK INFORMATION | | | |
| Transmitter: (U) Eclipse Radio IRU600 MP 8 GHz TX | | Transmitter Antenna: (U) 2ft DP HP WB LP | |
| Receiver: (U) Eclipse Radio IRU600 MP 8 GHz RX | | Receiver Antenna: (U) 12 ft DP HP Hi-XPD 8G Dish | |
| | | | |
| SELECTED MODES | | | |
| Frequency (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz | Emission Designator (U) 40M0D7W (U) 10M0D7W (U) 30M0G7W (U) 60M0G7W (U) 60M0D7W (U) 10M0G7W (U) 40M0G7W (U) 30M0D7W (U) 40M0G7W (U) 10M0D7W (U) 30M0D7W (U) 40M0D7W (U) 60M0D7W (U) 10M0G7W (U) 30M0G7W (U) 60M0G7W (U) 10M0D7W (U) 30M0D7W (U) 60M0D7W (U) 30M0G7W (U) 60M0G7W (U) 10M0D7W (U) 30M0D7W (U) 60M0D7W (U) 40M0G7W (U) 30M0G7W | Power (U) 0.794 W Mean | Notes PRI PRI PRI PRI PRI PRI PRI PRI PRI SEC SEC SEC SEC SEC SEC SEC SEC SEC SEC SEC PRI PRI PRI PRI PRI |
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| CLASSIFICATION <div>UNCLASSIFIED</div> | | PAGE 9 | |
| FULL RECORD PRINT FOR AVIAT NETWORKS ECLIPSE RADIO IRU600 MP 8 GHZ | | | |
| (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz | (U) 10M0G7W (U) 40M0D7W | (U) 0.794 W Mean (U) 0.794 W Mean | PRI PRI |
| LINK INFORMATION | | | |
| Transmitter: (U) Eclipse Radio IRU600 MP 8 GHz TX | | Transmitter Antenna: (U) 2ft DP HP WB LP | |
| Receiver: (U) Eclipse Radio IRU600 MP 8 GHz RX | | Receiver Antenna: (U) 12 ft DP HP WB Shielded Dish | |
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| SELECTED MODES | | | |
| Frequency (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz | Emission Designator (U) 60M0D7W (U) 10M0G7W (U) 40M0G7W (U) 10M0D7W (U) 30M0D7W (U) 30M0G7W (U) 60M0G7W (U) 40M0D7W (U) 10M0G7W (U) 30M0G7W (U) 30M0D7W (U) 10M0D7W (U) 60M0D7W (U) 40M0G7W (U) 40M0D7W (U) 60M0G7W (U) 60M0G7W (U) 40M0G7W (U) 40M0D7W (U) 60M0G7W (U) 40M0D7W (U) 60M0D7W (U) 30M0G7W (U) 10M0G7W (U) 30M0D7W (U) 10M0D7W (U) 40M0G7W | Power (U) 0.794 W Mean | Notes PRI PRI PRI PRI PRI PRI PRI PRI PRI SEC SEC SEC SEC SEC SEC SEC SEC SEC SEC PRI PRI PRI PRI PRI PRI PRI PRI |
| LINK INFORMATION | | | |
| Transmitter: (U) Eclipse Radio IRU600 MP 8 GHz TX | | Transmitter Antenna: (U) 2ft SP HP WB LP | |
| Receiver: (U) Eclipse Radio IRU600 MP 8 GHz RX | | Receiver Antenna: (U) 12 ft DP HP Hi-XPD 8G Dish | |
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| CLASSIFICATION <div>UNCLASSIFIED</div> | | | |

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| CLASSIFICATION <div>UNCLASSIFIED</div> | | PAGE 10 | |
| FULL RECORD PRINT FOR AVIAT NETWORKS ECLIPSE RADIO IRU600 MP 8 GHZ | | | |
| <div></div> | | | |
| SELECTED MODES | | | |
| Frequency (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz | Emission Designator (U) 60M0G7W (U) 60M0D7W (U) 40M0D7W (U) 10M0D7W (U) 10M0G7W (U) 40M0G7W (U) 30M0D7W (U) 30M0G7W (U) 40M0D7W (U) 40M0G7W (U) 60M0D7W (U) 30M0G7W (U) 30M0D7W (U) 60M0G7W (U) 10M0D7W (U) 10M0G7W (U) 10M0G7W (U) 30M0G7W (U) 60M0G7W (U) 60M0D7W (U) 30M0D7W (U) 40M0D7W (U) 10M0D7W (U) 40M0G7W | Power (U) 0.794 W Mean | Notes PRI PRI PRI PRI PRI PRI PRI PRI PRI SEC SEC SEC SEC SEC SEC SEC PRI PRI PRI PRI PRI PRI |
| LINK INFORMATION | | | |
| Transmitter: (U) Eclipse Radio IRU600 MP 8 GHz TX | | Transmitter Antenna: (U) 2ft SP HP WB LP | |
| Receiver: (U) Eclipse Radio IRU600 MP 8 GHz RX | | Receiver Antenna: (U) 12 ft DP HP WB Shielded Dish | |
| <div></div> | | | |
| SELECTED MODES | | | |
| Frequency (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz | Emission Designator (U) 60M0G7W (U) 30M0D7W (U) 40M0D7W (U) 10M0G7W (U) 60M0D7W (U) 10M0D7W (U) 40M0G7W (U) 30M0G7W | Power (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean | Notes PRI PRI PRI PRI PRI PRI PRI PRI |
| CLASSIFICATION <div>UNCLASSIFIED</div> | | | |

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| CLASSIFICATION UNCLASSIFIED | | PAGE 11 | |
| FULL RECORD PRINT FOR AVIAT NETWORKS ECLIPSE RADIO IRU600 MP 8 GHZ | | | |
| (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz | (U) 40M0D7W (U) 40M0G7W (U) 60M0D7W (U) 30M0D7W (U) 10M0G7W (U) 30M0G7W (U) 60M0G7W (U) 10M0D7W (U) 40M0G7W (U) 60M0D7W (U) 30M0D7W (U) 60M0G7W (U) 40M0D7W (U) 30M0G7W (U) 10M0D7W (U) 10M0G7W | (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean | SEC SEC SEC SEC SEC SEC SEC SEC PRI PRI PRI PRI PRI PRI PRI PRI PRI |
| STATION INFORMATION | | | |
| Transmitting Station: (U) ADR2 | | Receiving Station: (U) ADR1 | |
| Station Class: FX | | Radio Service: Fixed | |
| LINK INFORMATION | | | |
| Transmitter: (U) Eclipse Radio IRU600 MP 8 GHz TX | | Transmitter Antenna: (U) 12 ft DP HP Hi-XPD 8G Dish | |
| Receiver: (U) Eclipse Radio IRU600 MP 8 GHz RX | | Receiver Antenna: (U) 2ft DP HP WB LP | |
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| SELECTED MODES | | | |
| Frequency (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz | Emission Designator (U) 60M0D7W (U) 40M0G7W (U) 60M0G7W (U) 30M0G7W (U) 30M0D7W (U) 10M0D7W (U) 10M0G7W (U) 40M0D7W (U) 40M0G7W (U) 10M0D7W (U) 30M0D7W (U) 60M0G7W (U) 60M0D7W (U) 30M0G7W | Power (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean | Notes PRI PRI PRI PRI PRI PRI PRI PRI PRI SEC SEC SEC SEC SEC SEC |
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| CLASSIFICATION UNCLASSIFIED | | PAGE 12 | |
| FULL RECORD PRINT FOR AVIAT NETWORKS ECLIPSE RADIO IRU600 MP 8 GHZ | | | |
| (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz | (U) 40M0D7W (U) 10M0G7W (U) 40M0G7W (U) 60M0D7W (U) 30M0D7W (U) 60M0G7W (U) 10M0G7W (U) 40M0D7W (U) 30M0G7W (U) 10M0D7W | (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean | SEC SEC PRI PRI PRI PRI PRI PRI PRI PRI PRI |
| LINK INFORMATION | | | |
| Transmitter: (U) Eclipse Radio IRU600 MP 8 GHz TX | | Transmitter Antenna: (U) 12 ft DP HP Hi-XPD 8G Dish | |
| Receiver: (U) Eclipse Radio IRU600 MP 8 GHz RX | | Receiver Antenna: (U) 2ft SP HP WB LP | |
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| SELECTED MODES | | | |
| Frequency (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U | | | |

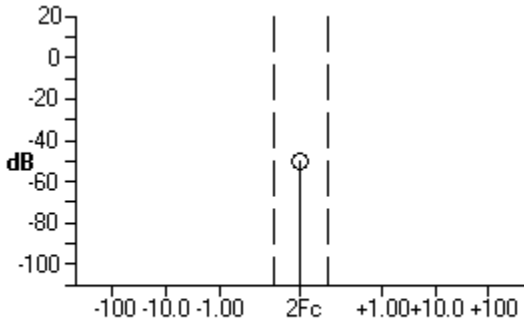
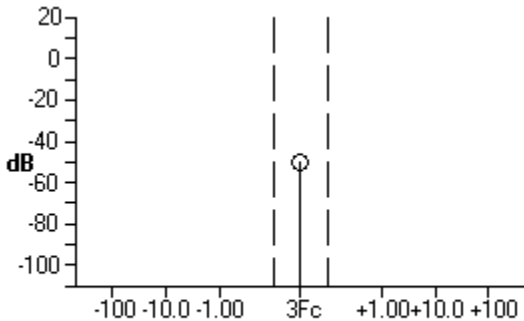
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| CLASSIFICATION <div>UNCLASSIFIED</div> | | PAGE 13 | |
| FULL RECORD PRINT FOR AVIAT NETWORKS ECLIPSE RADIO IRU600 MP 8 GHZ | | | |
| LINK INFORMATION | | | |
| Transmitter: (U) Eclipse Radio IRU600 MP 8 GHz TX | | Transmitter Antenna: (U) 12 ft DP HP WB Shielded Dish | |
| Receiver: (U) Eclipse Radio IRU600 MP 8 GHz RX | | Receiver Antenna: (U) 2ft DP HP WB LP | |
| | | | |
| SELECTED MODES | | | |
| Frequency (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz | Emission Designator (U) 30M0D7W (U) 30M0G7W (U) 40M0D7W (U) 10M0D7W (U) 60M0D7W (U) 10M0G7W (U) 40M0G7W (U) 60M0G7W (U) 10M0D7W (U) 40M0D7W (U) 30M0D7W (U) 40M0G7W (U) 10M0G7W (U) 30M0G7W (U) 60M0G7W (U) 60M0D7W (U) 30M0D7W (U) 10M0G7W (U) 10M0D7W (U) 60M0G7W (U) 40M0G7W (U) 60M0D7W (U) 40M0D7W (U) 30M0G7W | Power (U) 0.794 W Mean | Notes PRI PRI PRI PRI PRI PRI PRI PRI PRI SEC SEC SEC SEC SEC SEC SEC SEC SEC SEC PRI PRI PRI PRI PRI PRI PRI PRI PRI |
| LINK INFORMATION | | | |
| Transmitter: (U) Eclipse Radio IRU600 MP 8 GHz TX | | Transmitter Antenna: (U) 12 ft DP HP WB Shielded Dish | |
| Receiver: (U) Eclipse Radio IRU600 MP 8 GHz RX | | Receiver Antenna: (U) 2ft SP HP WB LP | |
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| CLASSIFICATION <div>UNCLASSIFIED</div> | | | |

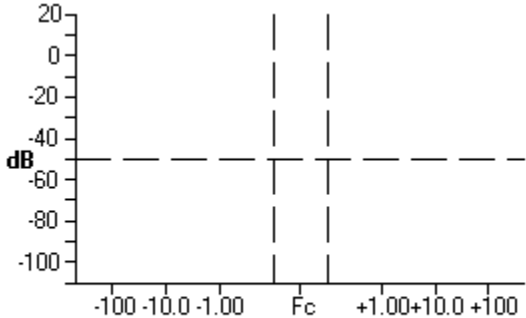
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| CLASSIFICATION UNCLASSIFIED | | PAGE 14 | |
| FULL RECORD PRINT FOR AVIAT NETWORKS ECLIPSE RADIO IRU600 MP 8 GHZ | | | |
| SELECTED MODES | | | |
| Frequency (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz | Emission Designator (U) 60M0D7W (U) 10M0D7W (U) 60M0G7W (U) 40M0G7W (U) 30M0G7W (U) 40M0D7W (U) 10M0G7W (U) 30M0D7W (U) 30M0D7W (U) 60M0G7W (U) 40M0D7W (U) 40M0G7W (U) 10M0D7W (U) 10M0G7W (U) 30M0G7W (U) 60M0D7W (U) 60M0D7W (U) 10M0D7W (U) 10M0G7W (U) 30M0G7W (U) 40M0D7W (U) 30M0D7W (U) 60M0G7W (U) 40M0D7W (U) 30M0D7W (U) 60M0G7W (U) 40M0G7W | Power (U) 0.794 W Mean | Notes PRI PRI PRI PRI PRI PRI PRI PRI PRI SEC SEC SEC SEC SEC SEC SEC SEC PRI PRI PRI PRI PRI PRI PRI PRI |
| LINK INFORMATION | | | |
| Transmitter: (U) Eclipse Radio IRU600 MP 8 GHz TX | | Transmitter Antenna: (U) 2ft DP HP WB LP | |
| Receiver: (U) Eclipse Radio IRU600 MP 8 GHz RX | | Receiver Antenna: (U) 12 ft DP HP Hi-XPB 8G Dish | |
| | | | |
| SELECTED MODES | | | |
| Frequency (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz | Emission Designator (U) 30M0D7W (U) 30M0G7W (U) 10M0D7W (U) 60M0G7W (U) 40M0D7W (U) 10M0G7W (U) 40M0G7W (U) 60M0D7W (U) 60M0G7W (U) 60M0G7W (U) 60M0D7W (U) 30M0G7W | Power (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean | Notes PRI PRI PRI PRI PRI PRI PRI PRI PRI SEC SEC SEC |
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| CLASSIFICATION UNCLASSIFIED | | PAGE 15 | |
| FULL RECORD PRINT FOR AVIAT NETWORKS ECLIPSE RADIO IRU600 MP 8 GHZ | | | |
| (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz | (U) 10M0G7W (U) 40M0D7W (U) 30M0D7W (U) 10M0D7W (U) 40M0G7W (U) 40M0G7W (U) 60M0D7W (U) 30M0D7W (U) 60M0G7W (U) 40M0D7W (U) 30M0G7W (U) 10M0D7W (U) 10M0G7W | (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean (U) 0.794 W Mean | SEC SEC SEC SEC SEC PRI PRI PRI PRI PRI PRI PRI PRI PRI |
| LINK INFORMATION | | | |
| Transmitter: (U) Eclipse Radio IRU600 MP 8 GHz TX | | Transmitter Antenna: (U) 2ft DP HP WB LP | |
| Receiver: (U) Eclipse Radio IRU600 MP 8 GHz RX | | Receiver Antenna: (U) 12 ft DP HP WB Shielded Dish | |
| | | | |
| SELECTED MODES | | | |
| Frequency (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7750.000 MHz - 7900.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 7900.000 MHz - 8025.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz (U) 8025.000 MHz - 8500.000 MHz | Emission Designator (U) 60M0D7W (U) 40M0D7W (U) 40M0G7W (U) 10M0D7W (U) 30M0D7W (U) 10M0G7W (U) 30M0G7W (U) 60M0G7W (U) 40M0D7W (U) 60M0G7W (U) 10M0D7W (U) 60M0D7W (U) 30M0D7W (U) 40M0G7W (U) 30M0G7W (U) 10M0G7W (U) 10M0D7W (U) 30M0G7W (U) 60M0G7W (U) 10M0G7W (U) 30M0D7W (U) 40M0G7W (U) 60M0D7W (U) 40M0D7W | Power (U) 0.794 W Mean | Notes PRI PRI PRI PRI PRI PRI PRI PRI PRI SEC SEC SEC SEC SEC SEC SEC SEC SEC PRI PRI PRI PRI PRI PRI PRI |
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| CLASSIFICATION UNCLASSIFIED | | PAGE 16 | |
| FULL RECORD PRINT FOR AVIAT NETWORKS ECLIPSE RADIO IRU600 MP 8 GHZ | | | |
| LINK INFORMATION | | | |
| Transmitter: (U) Eclipse Radio IRU600 MP 8 GHz TX | | Transmitter Antenna: (U) 2ft SP HP WB LP | |
| Receiver: (U) Eclipse Radio IRU600 MP 8 GHz RX | | Receiver Antenna: (U) 12 ft DP HP Hi-XPB 8G Dish | |
| | | | |
| SELECTED MODES | | | |
| Frequency | Emission Designator | Power | Notes |
| (U) 7750.000 MHz - 7900.000 MHz | (U) 30M0G7W | (U) 0.794 W Mean | PRI |
| (U) 7750.000 MHz - 7900.000 MHz | (U) 60M0D7W | (U) 0.794 W Mean | PRI |
| (U) 7750.000 MHz - 7900.000 MHz | (U) 60M0G7W | (U) 0.794 W Mean | PRI |
| (U) 7750.000 MHz - 7900.000 MHz | (U) 30M0D7W | (U) 0.794 W Mean | PRI |
| (U) 7750.000 MHz - 7900.000 MHz | (U) 10M0D7W | (U) 0.794 W Mean | PRI |
| (U) 7750.000 MHz - 7900.000 MHz | (U) 40M0G7W | (U) 0.794 W Mean | PRI |
| (U) 7750.000 MHz - 7900.000 MHz | (U) 10M0G7W | (U) 0.794 W Mean | PRI |
| (U) 7750.000 MHz - 7900.000 MHz | (U) 40M0D7W | (U) 0.794 W Mean | PRI |
| (U) 7900.000 MHz - 8025.000 MHz | (U) 10M0D7W | (U) 0.794 W Mean | SEC |
| (U) 7900.000 MHz - 8025.000 MHz | (U) 60M0G7W | (U) 0.794 W Mean | SEC |
| (U) 7900.000 MHz - 8025.000 MHz | (U) 40M0D7W | (U) 0.794 W Mean | SEC |
| (U) 7900.000 MHz - 8025.000 MHz | (U) 40M0G7W | (U) 0.794 W Mean | SEC |
| (U) 7900.000 MHz - 8025.000 MHz | (U) 60M0D7W | (U) 0.794 W Mean | SEC |
| (U) 7900.000 MHz - 8025.000 MHz | (U) 30M0D7W | (U) 0.794 W Mean | SEC |
| (U) 7900.000 MHz - 8025.000 MHz | (U) 30M0G7W | (U) 0.794 W Mean | SEC |
| (U) 7900.000 MHz - 8025.000 MHz | (U) 10M0G7W | (U) 0.794 W Mean | SEC |
| (U) 8025.000 MHz - 8500.000 MHz | (U) 10M0D7W | (U) 0.794 W Mean | PRI |
| (U) 8025.000 MHz - 8500.000 MHz | (U) 60M0G7W | (U) 0.794 W Mean | PRI |
| (U) 8025.000 MHz - 8500.000 MHz | (U) 30M0D7W | (U) 0.794 W Mean | PRI |
| (U) 8025.000 MHz - 8500.000 MHz | (U) 10M0G7W | (U) 0.794 W Mean | PRI |
| (U) 8025.000 MHz - 8500.000 MHz | (U) 30M0G7W | (U) 0.794 W Mean | PRI |
| (U) 8025.000 MHz - 8500.000 MHz | (U) 40M0D7W | (U) 0.794 W Mean | PRI |
| (U) 8025.000 MHz - 8500.000 MHz | (U) 40M0G7W | (U) 0.794 W Mean | PRI |
| (U) 8025.000 MHz - 8500.000 MHz | (U) 60M0D7W | (U) 0.794 W Mean | PRI |
| LINK INFORMATION | | | |
| Transmitter: (U) Eclipse Radio IRU600 MP 8 GHz TX | | Transmitter Antenna: (U) 2ft SP HP WB LP | |
| Receiver: (U) Eclipse Radio IRU600 MP 8 GHz RX | | Receiver Antenna: (U) 12 ft DP HP WB Shielded Dish | |
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| CLASSIFICATION UNCLASSIFIED | | | |

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| CLASSIFICATION | | UNCLASSIFIED | | PAGE 17 | | | |
| FULL RECORD PRINT FOR AVIAT NETWORKS ECLIPSE RADIO IRU600 MP 8 GHZ | | | | | | | |
| SELECTED MODES | | | | | | | |
| Frequency | | Emission Designator | | Power | | Notes | |
| (U) 7750.000 MHz - 7900.000 MHz | | (U) 60M0G7W | | (U) 0.794 W Mean | | PRI | |
| (U) 7750.000 MHz - 7900.000 MHz | | (U) 10M0G7W | | (U) 0.794 W Mean | | PRI | |
| (U) 7750.000 MHz - 7900.000 MHz | | (U) 30M0D7W | | (U) 0.794 W Mean | | PRI | |
| (U) 7750.000 MHz - 7900.000 MHz | | (U) 30M0G7W | | (U) 0.794 W Mean | | PRI | |
| (U) 7750.000 MHz - 7900.000 MHz | | (U) 10M0D7W | | (U) 0.794 W Mean | | PRI | |
| (U) 7750.000 MHz - 7900.000 MHz | | (U) 40M0G7W | | (U) 0.794 W Mean | | PRI | |
| (U) 7750.000 MHz - 7900.000 MHz | | (U) 60M0D7W | | (U) 0.794 W Mean | | PRI | |
| (U) 7750.000 MHz - 7900.000 MHz | | (U) 40M0D7W | | (U) 0.794 W Mean | | PRI | |
| (U) 7900.000 MHz - 8025.000 MHz | | (U) 60M0G7W | | (U) 0.794 W Mean | | SEC | |
| (U) 7900.000 MHz - 8025.000 MHz | | (U) 60M0D7W | | (U) 0.794 W Mean | | SEC | |
| (U) 7900.000 MHz - 8025.000 MHz | | (U) 10M0G7W | | (U) 0.794 W Mean | | SEC | |
| (U) 7900.000 MHz - 8025.000 MHz | | (U) 30M0D7W | | (U) 0.794 W Mean | | SEC | |
| (U) 7900.000 MHz - 8025.000 MHz | | (U) 10M0D7W | | (U) 0.794 W Mean | | SEC | |
| (U) 7900.000 MHz - 8025.000 MHz | | (U) 40M0G7W | | (U) 0.794 W Mean | | SEC | |
| (U) 7900.000 MHz - 8025.000 MHz | | (U) 40M0D7W | | (U) 0.794 W Mean | | SEC | |
| (U) 7900.000 MHz - 8025.000 MHz | | (U) 30M0G7W | | (U) 0.794 W Mean | | SEC | |
| (U) 8025.000 MHz - 8500.000 MHz | | (U) 30M0D7W | | (U) 0.794 W Mean | | PRI | |
| (U) 8025.000 MHz - 8500.000 MHz | | (U) 10M0G7W | | (U) 0.794 W Mean | | PRI | |
| (U) 8025.000 MHz - 8500.000 MHz | | (U) 10M0D7W | | (U) 0.794 W Mean | | PRI | |
| (U) 8025.000 MHz - 8500.000 MHz | | (U) 40M0G7W | | (U) 0.794 W Mean | | PRI | |
| (U) 8025.000 MHz - 8500.000 MHz | | (U) 60M0G7W | | (U) 0.794 W Mean | | PRI | |
| (U) 8025.000 MHz - 8500.000 MHz | | (U) 60M0D7W | | (U) 0.794 W Mean | | PRI | |
| (U) 8025.000 MHz - 8500.000 MHz | | (U) 30M0G7W | | (U) 0.794 W Mean | | PRI | |
| (U) 8025.000 MHz - 8500.000 MHz | | (U) 40M0D7W | | (U) 0.794 W Mean | | PRI | |
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| CLASSIFICATION UNCLASSIFIED | | PAGE 18 | |
| TRANSMITTER EQUIPMENT CHARACTERISTICS | | | |
| Nomenclature: (U) Eclipse Radio IRU600 MP 8 GHz TX | | Manufacturer: (U) AVIAT NETWORKS | |
| NTIA Approval Status: (U) Unapproved | | Coordination ID: J/F 12 | |
| Date of Import: 9/16/2019 3:28:26 PM (GMT) | | Date/Time Last Mod.: 9/10/2019 4:26:19 PM (GMT) | |
| Fcc Acc. Number: | | Radar/Comm: (U) Communications | |
| Model Name: (U) Eclipse Radio IRU600 MP 8 GHz TX | | Output Device: (U) Gallium Arsinide Field Effect Transistor | |
| Tuning Method: (U) Synthesizer VCO | | Supp. of Harmonics: (U) Yes | |
| Freq. Stability: (U) 5ppm | | | |
| POWER | | | |
| Power Type: Mean | | | |
| Power: (U) 0.794 W | | | |
| 2ND HARMONIC CURVE | | | |
| (UNCLASSIFIED) | | | |
| Atten. -50.0 dB | Offset (Fo) 0.00000 kHz |  <p>The graph shows the 2nd harmonic curve. The y-axis is labeled 'dB' and ranges from -100 to 20. The x-axis ranges from -100 to +100, with a central point labeled '2Fc'. A single data point is plotted at approximately -50 dB at the 2Fc position, marked with a circle. Vertical dashed lines are at the edges of the plot area.</p> | |
| 3RD HARMONIC CURVE | | | |
| (UNCLASSIFIED) | | | |
| Atten. -50.0 dB | Offset (Fo) 0.00000 kHz |  <p>The graph shows the 3rd harmonic curve. The y-axis is labeled 'dB' and ranges from -100 to 20. The x-axis ranges from -100 to +100, with a central point labeled '3Fc'. A single data point is plotted at approximately -50 dB at the 3Fc position, marked with a circle. Vertical dashed lines are at the edges of the plot area.</p> | |
| CLASSIFICATION UNCLASSIFIED | | | |

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|---|-------------------------------------|---------|
| CLASSIFICATION UNCLASSIFIED | | PAGE 19 |
| TRANSMITTER EQUIPMENT CHARACTERISTICS | | |
| SPURIOUS EMISSION CURVE | | |
| <div>(UNCLASSIFIED)</div> <div><div>Maximum Spurious Emission <u>Atten.</u> -50.0 dB</div><div></div></div> | | |
| FREQUENCIES | | |
| Tuning Range: (U) 7750.000 MHz - 8500.000 MHz | Tuning Method: (U) Synthesizer VCO | |
| Tuning Increment: (U) 50.000 kHz | Freq Stability: (U) 5ppm | |
| Number of Frequencies Required: (U) 2 | Min. Separation: | |
| Supp. of Harmonics: (U) Yes | | |
| EMISSION DESIGNATORS | | |
| Em. Designator: (U) 40M0D7W | Necessary BW: (U) 40000 kHz | |
| Measured/Calculated: (U) Measured | Occupied Bandwidth: (U) 37339 kHz | |
| Modulation Type: (U) Digital Modulation | Spread Spectrum: No | |
| Dig. Modulation Type: (U) QAM - Quadrature Amplitude Modulation | Digital Bit Rate: (U) 120000000 bps | |
| Number of Digital States: (U) 16 | | |
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| CLASSIFICATION UNCLASSIFIED | | |

TRANSMITTER EQUIPMENT CHARACTERISTICS

FUNDAMENTAL CURVE

(UNCLASSIFIED)

Meas/Calc: Measured

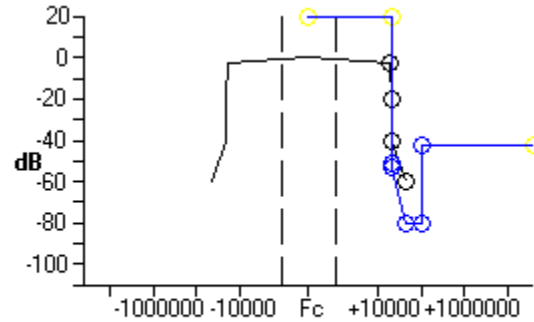
Level **Offset (Fo)**

-3.00 dB 17554 kHz

-20.0 dB 20223 kHz

-40.0 dB 20994 kHz

-60.0 dB 43189 kHz



Measured/Calculated: (U) Measured

Occupied Bandwidth: (U) 37339 kHz

Modulation Type: (U) Digital Modulation

Spread Spectrum: No

Dig. Modulation Type:

(U) QAM - Quadrature Amplitude Modulation

Digital Bit Rate: (U) 145000000 bps

Number of Digital States: (U) 32

FUNDAMENTAL CURVE

(UNCLASSIFIED)

Meas/Calc: Measured

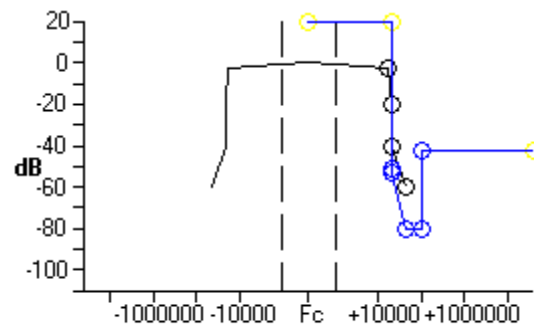
Level **Offset (Fo)**

-3.00 dB 17428 kHz

-20.0 dB 20232 kHz

-40.0 dB 21034 kHz

-60.0 dB 42869 kHz



Measured/Calculated: (U) Measured

Occupied Bandwidth: (U) 37259 kHz

Modulation Type: (U) Digital Modulation

Spread Spectrum: No

TRANSMITTER EQUIPMENT CHARACTERISTICS

Dig. Modulation Type:

(U) QAM - Quadrature Amplitude Modulation

Digital Bit Rate:

(U) 178000000 bps

Number of Digital States:

(U) 64

FUNDAMENTAL CURVE

(UNCLASSIFIED)

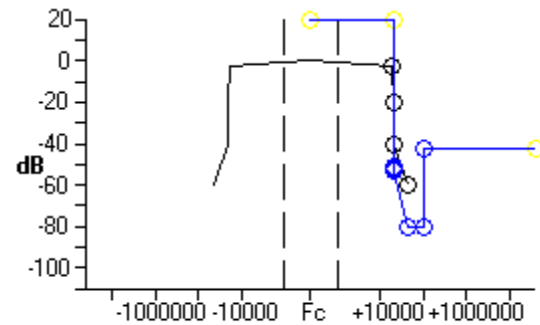
Meas/Calc: Measured**Level** **Offset (Fo)**

-3.00 dB 17628 kHz

-20.0 dB 20353 kHz

-40.0 dB 20994 kHz

-60.0 dB 41827 kHz

**Measured/Calculated:** (U) Measured**Occupied Bandwidth:**

(U) 37259 kHz

Modulation Type: (U) Digital Modulation**Spread Spectrum:**

No

Dig. Modulation Type:

(U) QAM - Quadrature Amplitude Modulation

Digital Bit Rate:

(U) 207000000 bps

Number of Digital States:

(U) 128

TRANSMITTER EQUIPMENT CHARACTERISTICS

FUNDAMENTAL CURVE

(UNCLASSIFIED)

Meas/Calc: Measured

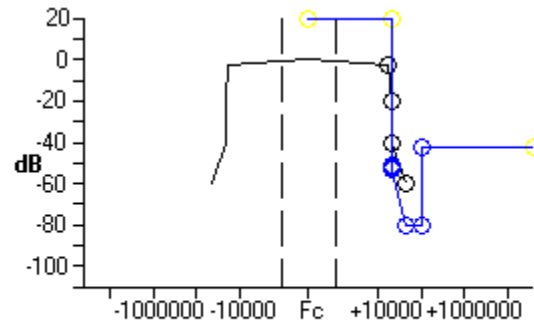
Level **Offset (Fo)**

-3.00 dB 17388 kHz

-20.0 dB 20393 kHz

-40.0 dB 20994 kHz

-60.0 dB 41987 kHz



Measured/Calculated: (U) Measured

Occupied Bandwidth: (U) 37339 kHz

Modulation Type: (U) Digital Modulation

Spread Spectrum: No

Dig. Modulation Type:

(U) QAM - Quadrature Amplitude Modulation

Digital Bit Rate: (U) 237000000 bps

Number of Digital States: (U) 256

FUNDAMENTAL CURVE

(UNCLASSIFIED)

Meas/Calc: Measured

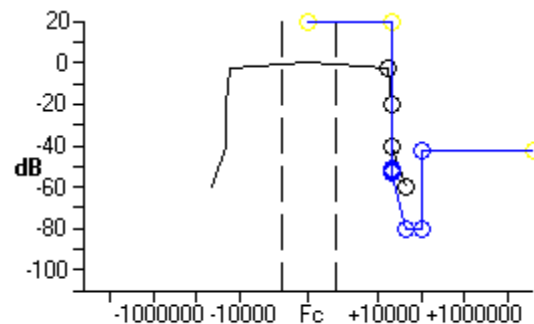
Level **Offset (Fo)**

-3.00 dB 17108 kHz

-20.0 dB 20313 kHz

-40.0 dB 20994 kHz

-60.0 dB 42388 kHz



Measured/Calculated: (U) Measured

Occupied Bandwidth: (U) 37339 kHz

Modulation Type: (U) Digital Modulation

Spread Spectrum: No

TRANSMITTER EQUIPMENT CHARACTERISTICS

Dig. Modulation Type:

(U) QAM - Quadrature Amplitude Modulation

Digital Bit Rate:

(U) 267000000 bps

Number of Digital States:

(U) 512

FUNDAMENTAL CURVE

(UNCLASSIFIED)

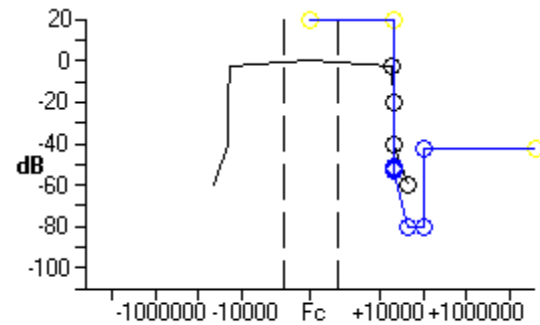
Meas/Calc: Measured**Level** **Offset (Fo)**

-3.00 dB 17588 kHz

-20.0 dB 20353 kHz

-40.0 dB 20994 kHz

-60.0 dB 41747 kHz

**Measured/Calculated:** (U) Measured**Occupied Bandwidth:**

(U) 37259 kHz

Modulation Type: (U) Digital Modulation**Spread Spectrum:**

No

Dig. Modulation Type:

(U) QAM - Quadrature Amplitude Modulation

Digital Bit Rate:

(U) 300000000 bps

Number of Digital States:

(U) 1024

TRANSMITTER EQUIPMENT CHARACTERISTICS

FUNDAMENTAL CURVE

(UNCLASSIFIED)

Meas/Calc: Measured

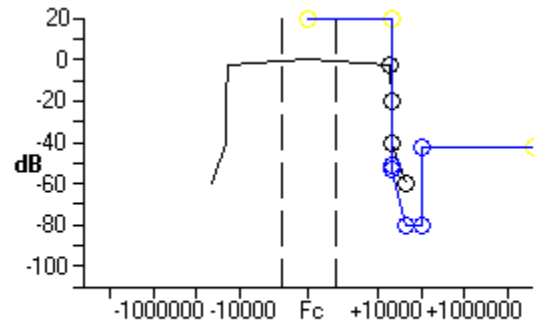
Level **Offset (Fo)**

-3.00 dB 17588 kHz

-20.0 dB 20272 kHz

-40.0 dB 20994 kHz

-60.0 dB 41987 kHz



Measured/Calculated: (U) Measured

Occupied Bandwidth: (U) 37259 kHz

Modulation Type: (U) Digital Modulation

Spread Spectrum: No

Dig. Modulation Type:

(U) QAM - Quadrature Amplitude Modulation

Digital Bit Rate: (U) 328000000 bps

Number of Digital States: (U) 2048

FUNDAMENTAL CURVE

(UNCLASSIFIED)

Meas/Calc: Measured

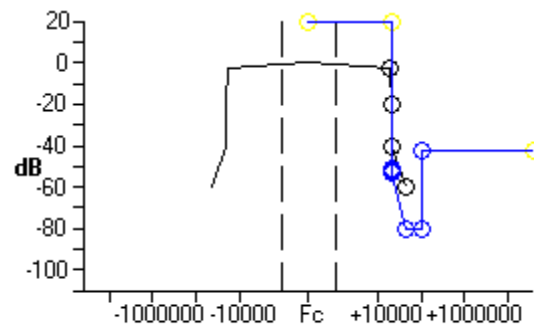
Level **Offset (Fo)**

-3.00 dB 17348 kHz

-20.0 dB 20353 kHz

-40.0 dB 20994 kHz

-60.0 dB 41186 kHz



Measured/Calculated: (U) Measured

Occupied Bandwidth: (U) 37259 kHz

Modulation Type: (U) Digital Modulation

Spread Spectrum: No

TRANSMITTER EQUIPMENT CHARACTERISTICS

Dig. Modulation Type:

(U) QAM - Quadrature Amplitude Modulation

Digital Bit Rate:

(U) 357000000 bps

Number of Digital States:

(U) 4096

FUNDAMENTAL CURVE

(UNCLASSIFIED)

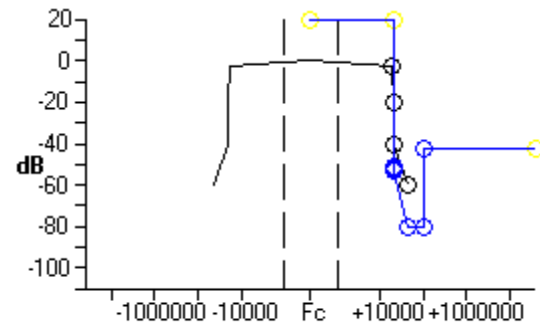
Meas/Calc: Measured**Level** **Offset (Fo)**

-3.00 dB 17548 kHz

-20.0 dB 20353 kHz

-40.0 dB 20994 kHz

-60.0 dB 41026 kHz



EMISSION DESIGNATORS

Em. Designator: (U) 40M0G7W**Necessary BW:**

(U) 40000 kHz

Measured/Calculated: (U) Measured**Occupied Bandwidth:**

(U) 37259 kHz

Modulation Type: (U) Digital Modulation**Spread Spectrum:**

No

Dig. Modulation Type:

(U) QPSK - Quadrature Phase Shift Keying

Digital Bit Rate:

(U) 52000000 bps

Number of Digital States:

(U) 4

TRANSMITTER EQUIPMENT CHARACTERISTICS

FUNDAMENTAL CURVE

(UNCLASSIFIED)

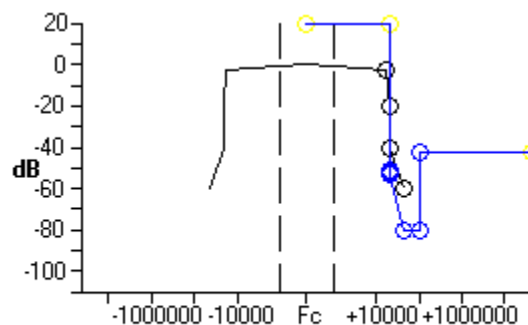
Meas/Calc: Measured**Level** **Offset (Fo)**

-3.00 dB 17588 kHz

-20.0 dB 20313 kHz

-40.0 dB 20994 kHz

-60.0 dB 43990 kHz



EMISSION DESIGNATORS

Em. Designator: (U) 10M0D7W**Necessary BW:** (U) 10000 kHz**Measured/Calculated:** (U) Measured**Occupied Bandwidth:** (U) 9014.0 kHz**Modulation Type:** (U) Digital Modulation**Spread Spectrum:** No**Dig. Modulation Type:**
(U) QAM - Quadrature Amplitude Modulation**Digital Bit Rate:** (U) 28000000 bps**Number of Digital States:** (U) 16

FUNDAMENTAL CURVE

(UNCLASSIFIED)

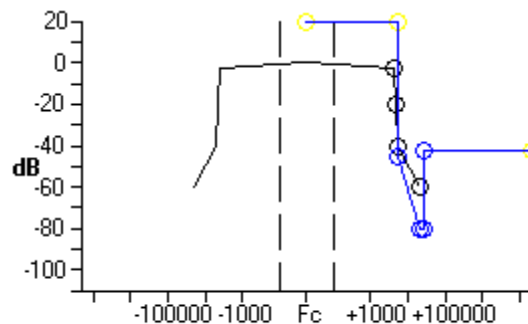
Meas/Calc: Measured**Level** **Offset (Fo)**

-3.00 dB 4208.5 kHz

-20.0 dB 4927.5 kHz

-40.0 dB 5096.0 kHz

-60.0 dB 21292 kHz



TRANSMITTER EQUIPMENT CHARACTERISTICS

Measured/Calculated: (U) Measured

Occupied Bandwidth: (U) 9038.0 kHz

Modulation Type: (U) Digital Modulation

Spread Spectrum: No

Dig. Modulation Type:
(U) QAM - Quadrature Amplitude Modulation

Digital Bit Rate: (U) 45000000 bps

Number of Digital States: (U) 64

FUNDAMENTAL CURVE

(UNCLASSIFIED)

Meas/Calc: Measured

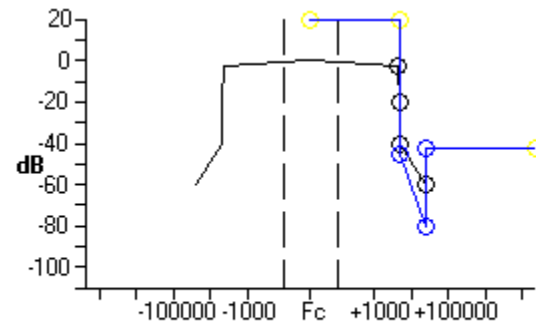
Level **Offset (Fo)**

-3.00 dB 4170.5 kHz

-20.0 dB 4927.5 kHz

-40.0 dB 5096.0 kHz

-60.0 dB 23678 kHz



Measured/Calculated: (U) Measured

Occupied Bandwidth: (U) 9038.0 kHz

Modulation Type: (U) Digital Modulation

Spread Spectrum: No

Dig. Modulation Type:
(U) QAM - Quadrature Amplitude Modulation

Digital Bit Rate: (U) 73000000 bps

Number of Digital States: (U) 1024

TRANSMITTER EQUIPMENT CHARACTERISTICS

FUNDAMENTAL CURVE

(UNCLASSIFIED)

Meas/Calc: Measured

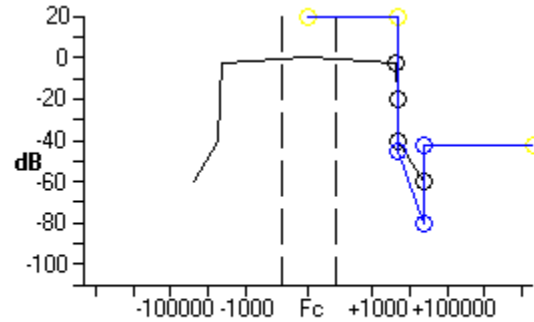
Level **Offset (Fo)**

-3.00 dB 4314.5 kHz

-20.0 dB 4915.5 kHz

-40.0 dB 5084.0 kHz

-60.0 dB 22636 kHz



Measured/Calculated: (U) Measured

Occupied Bandwidth: (U) 9038.0 kHz

Modulation Type: (U) Digital Modulation

Spread Spectrum: No

Dig. Modulation Type:

(U) QAM - Quadrature Amplitude Modulation

Digital Bit Rate: (U) 67000000 bps

Number of Digital States: (U) 512

FUNDAMENTAL CURVE

(UNCLASSIFIED)

Meas/Calc: Measured

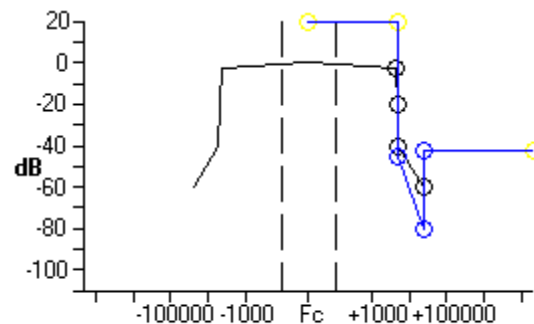
Level **Offset (Fo)**

-3.00 dB 4062.5 kHz

-20.0 dB 4939.5 kHz

-40.0 dB 5096.0 kHz

-60.0 dB 22917 kHz



Measured/Calculated: (U) Measured

Occupied Bandwidth: (U) 9038.0 kHz

Modulation Type: (U) Digital Modulation

Spread Spectrum: No

TRANSMITTER EQUIPMENT CHARACTERISTICS

Dig. Modulation Type:

(U) QAM - Quadrature Amplitude Modulation

Digital Bit Rate:

(U) 56000000 bps

Number of Digital States:

(U) 256

FUNDAMENTAL CURVE

(UNCLASSIFIED)

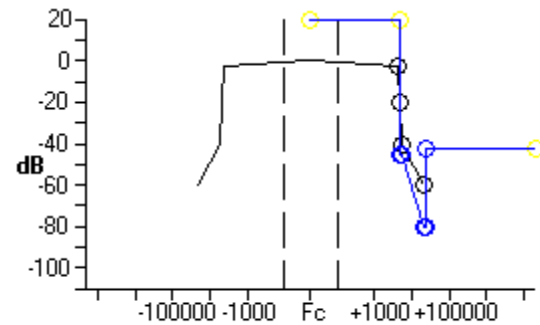
Meas/Calc: Measured**Level** **Offset (Fo)**

-3.00 dB 4134.5 kHz

-20.0 dB 4927.5 kHz

-40.0 dB 5096.0 kHz

-60.0 dB 21795 kHz

**Measured/Calculated:** (U) Measured**Occupied Bandwidth:**

(U) 9038.0 kHz

Modulation Type: (U) Digital Modulation**Spread Spectrum:**

No

Dig. Modulation Type:

(U) QAM - Quadrature Amplitude Modulation

Digital Bit Rate:

(U) 50000000 bps

Number of Digital States:

(U) 128

TRANSMITTER EQUIPMENT CHARACTERISTICS

FUNDAMENTAL CURVE

(UNCLASSIFIED)

Meas/Calc: Measured

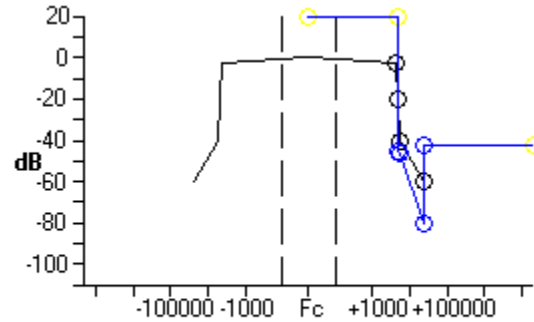
Level **Offset (Fo)**

-3.00 dB 4230.5 kHz

-20.0 dB 4903.5 kHz

-40.0 dB 5108.0 kHz

-60.0 dB 22660 kHz



Measured/Calculated: (U) Measured

Occupied Bandwidth: (U) 9038.0 kHz

Modulation Type: (U) Digital Modulation

Spread Spectrum: No

Dig. Modulation Type:

(U) QAM - Quadrature Amplitude Modulation

Digital Bit Rate: (U) 35000000 bps

Number of Digital States: (U) 32

FUNDAMENTAL CURVE

(UNCLASSIFIED)

Meas/Calc: Measured

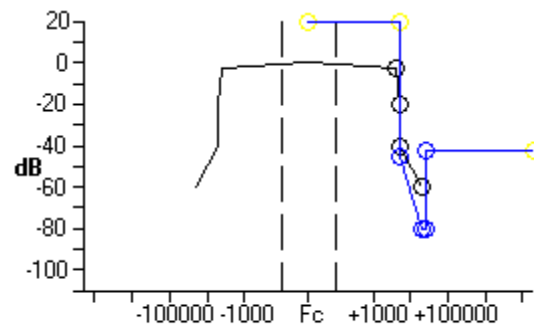
Level **Offset (Fo)**

-3.00 dB 4230.5 kHz

-20.0 dB 4939.5 kHz

-40.0 dB 5084.0 kHz

-60.0 dB 20313 kHz



| | | | |
|---|--|--|--|
| CLASSIFICATION UNCLASSIFIED | | PAGE 31 | |
| TRANSMITTER EQUIPMENT CHARACTERISTICS | | | |
| EMISSION DESIGNATORS | | | |
| Em. Designator: (U) 30M0D7W | | Necessary BW: (U) 30000 kHz | |
| Measured/Calculated: (U) Measured | | Occupied Bandwidth: (U) 27820 kHz | |
| Modulation Type: (U) Digital Modulation | | Spread Spectrum: No | |
| Dig. Modulation Type: (U) QAM - Quadrature Amplitude Modulation | | Digital Bit Rate: (U) 132000000 bps | |
| Number of Digital States: (U) 64 | | | |
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| FUNDAMENTAL CURVE | | | |
| <p align="center">(UNCLASSIFIED)</p> <div> <div> Meas/Calc: Measured Level Offset (Fo) -3.00 dB 12756 kHz -20.0 dB 15128 kHz -40.0 dB 15705 kHz -60.0 dB 42196 kHz </div> <div> </div> </div> | | | |
| Measured/Calculated: (U) Measured | | Occupied Bandwidth: (U) 27820 kHz | |
| Modulation Type: (U) Digital Modulation | | Spread Spectrum: No | |
| Dig. Modulation Type: (U) QAM - Quadrature Amplitude Modulation | | Digital Bit Rate: (U) 155000000 bps | |
| Number of Digital States: (U) 128 | | | |
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| CLASSIFICATION UNCLASSIFIED | | | |

TRANSMITTER EQUIPMENT CHARACTERISTICS

FUNDAMENTAL CURVE

(UNCLASSIFIED)

Meas/Calc: Measured

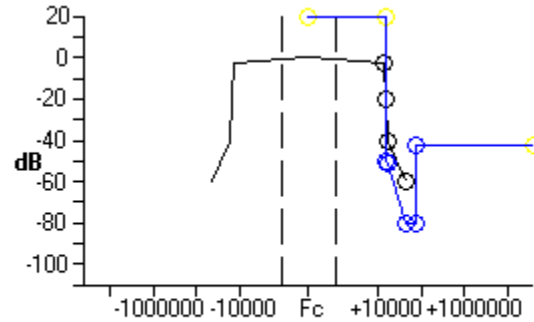
Level **Offset (Fo)**

-3.00 dB 12821 kHz

-20.0 dB 15192 kHz

-40.0 dB 15673 kHz

-60.0 dB 41555 kHz



Measured/Calculated: (U) Measured

Occupied Bandwidth: (U) 27820 kHz

Modulation Type: (U) Digital Modulation

Spread Spectrum: No

Dig. Modulation Type:

(U) QAM - Quadrature Amplitude Modulation

Digital Bit Rate: (U) 180000000 bps

Number of Digital States: (U) 256

FUNDAMENTAL CURVE

(UNCLASSIFIED)

Meas/Calc: Measured

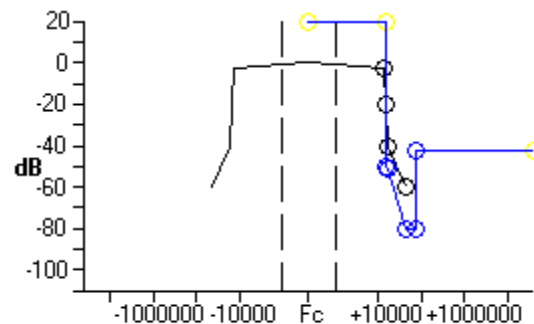
Level **Offset (Fo)**

-3.00 dB 12933 kHz

-20.0 dB 15208 kHz

-40.0 dB 15657 kHz

-60.0 dB 42035 kHz



Measured/Calculated: (U) Measured

Occupied Bandwidth: (U) 27820 kHz

Modulation Type: (U) Digital Modulation

Spread Spectrum: No

TRANSMITTER EQUIPMENT CHARACTERISTICS

Dig. Modulation Type:

(U) QAM - Quadrature Amplitude Modulation

Digital Bit Rate:

(U) 266000000 bps

Number of Digital States:

(U) 4096

FUNDAMENTAL CURVE

(UNCLASSIFIED)

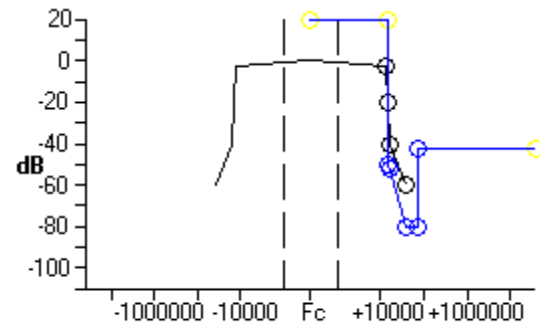
Meas/Calc: Measured**Level** **Offset (Fo)**

-3.00 dB 12885 kHz

-20.0 dB 15128 kHz

-40.0 dB 15705 kHz

-60.0 dB 39583 kHz

**Measured/Calculated:** (U) Measured**Occupied Bandwidth:**

(U) 27948 kHz

Modulation Type: (U) Digital Modulation**Spread Spectrum:**

No

Dig. Modulation Type:

(U) QAM - Quadrature Amplitude Modulation

Digital Bit Rate:

(U) 245000000 bps

Number of Digital States:

(U) 2048

TRANSMITTER EQUIPMENT CHARACTERISTICS

FUNDAMENTAL CURVE

(UNCLASSIFIED)

Meas/Calc: Measured

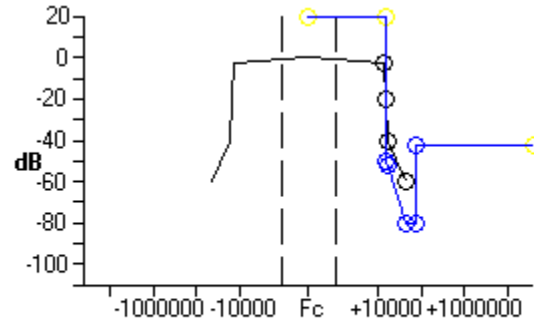
Level **Offset (Fo)**

-3.00 dB 12660 kHz

-20.0 dB 15096 kHz

-40.0 dB 15705 kHz

-60.0 dB 42148 kHz



Measured/Calculated: (U) Measured

Occupied Bandwidth: (U) 27820 kHz

Modulation Type: (U) Digital Modulation

Spread Spectrum: No

Dig. Modulation Type:

(U) QAM - Quadrature Amplitude Modulation

Digital Bit Rate: (U) 227000000 bps

Number of Digital States: (U) 1024

FUNDAMENTAL CURVE

(UNCLASSIFIED)

Meas/Calc: Measured

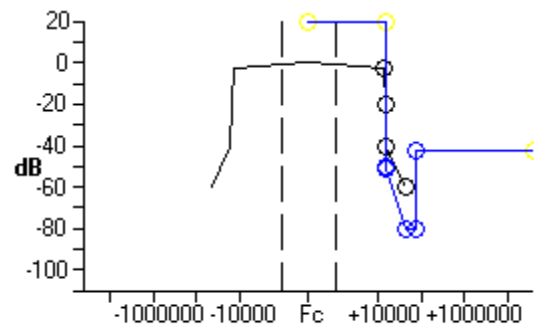
Level **Offset (Fo)**

-3.00 dB 12757 kHz

-20.0 dB 15128 kHz

-40.0 dB 15641 kHz

-60.0 dB 42692 kHz



Measured/Calculated: (U) Measured

Occupied Bandwidth: (U) 27884 kHz

Modulation Type: (U) Digital Modulation

Spread Spectrum: No

TRANSMITTER EQUIPMENT CHARACTERISTICS

Dig. Modulation Type:

(U) QAM - Quadrature Amplitude Modulation

Digital Bit Rate:

(U) 200000000 bps

Number of Digital States:

(U) 512

FUNDAMENTAL CURVE

(UNCLASSIFIED)

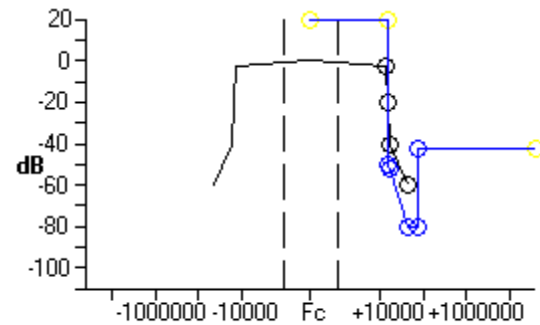
Meas/Calc: Measured**Level** **Offset (Fo)**

-3.00 dB 12997 kHz

-20.0 dB 15208 kHz

-40.0 dB 15721 kHz

-60.0 dB 42212 kHz

**Measured/Calculated:** (U) Measured**Occupied Bandwidth:**

(U) 27884 kHz

Modulation Type: (U) Digital Modulation**Spread Spectrum:**

No

Dig. Modulation Type:

(U) QAM - Quadrature Amplitude Modulation

Digital Bit Rate:

(U) 108000000 bps

Number of Digital States:

(U) 32

TRANSMITTER EQUIPMENT CHARACTERISTICS

FUNDAMENTAL CURVE

(UNCLASSIFIED)

Meas/Calc: Measured

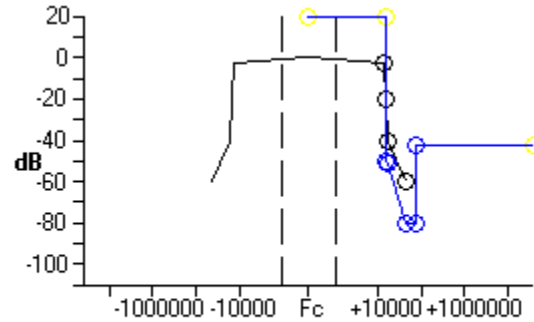
Level **Offset (Fo)**

-3.00 dB 12917 kHz

-20.0 dB 15192 kHz

-40.0 dB 15673 kHz

-60.0 dB 41314 kHz



Measured/Calculated: (U) Measured

Occupied Bandwidth: (U) 27820 kHz

Modulation Type: (U) Digital Modulation

Spread Spectrum: No

Dig. Modulation Type:

(U) QAM - Quadrature Amplitude Modulation

Digital Bit Rate: (U) 90000000 bps

Number of Digital States: (U) 16

FUNDAMENTAL CURVE

(UNCLASSIFIED)

Meas/Calc: Measured

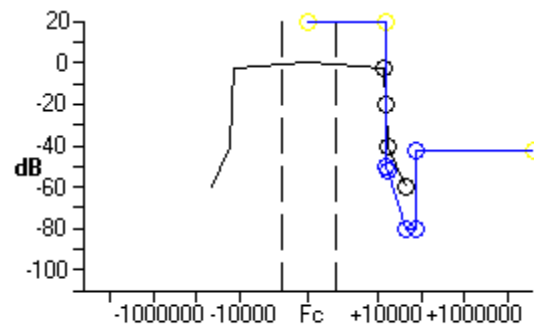
Level **Offset (Fo)**

-3.00 dB 12853 kHz

-20.0 dB 15192 kHz

-40.0 dB 15705 kHz

-60.0 dB 41587 kHz



| CLASSIFICATION UNCLASSIFIED | | PAGE 37 | | | | | | | | | | | |
|--|-------------|---|--|-------|-------------|----------|------------|----------|------------|----------|------------|----------|-----------|
| TRANSMITTER EQUIPMENT CHARACTERISTICS | | | | | | | | | | | | | |
| EMISSION DESIGNATORS | | | | | | | | | | | | | |
| Em. Designator: (U) 10M0G7W | | Necessary BW: (U) 10000 kHz | | | | | | | | | | | |
| Measured/Calculated: (U) Measured | | Occupied Bandwidth: (U) 9062.0 kHz | | | | | | | | | | | |
| Modulation Type: (U) Digital Modulation | | Spread Spectrum: No | | | | | | | | | | | |
| Dig. Modulation Type: (U) QPSK - Quadrature Phase Shift Keying | | Digital Bit Rate: (U) 12000000 bps | | | | | | | | | | | |
| Number of Digital States: (U) 4 | | | | | | | | | | | | | |
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| FUNDAMENTAL CURVE | | | | | | | | | | | | | |
| <p align="center">(UNCLASSIFIED)</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Meas/Calc: Measured</p> <table border="1"> <thead> <tr> <th>Level</th> <th>Offset (Fo)</th> </tr> </thead> <tbody> <tr> <td>-3.00 dB</td> <td>4212.5 kHz</td> </tr> <tr> <td>-20.0 dB</td> <td>4946.0 kHz</td> </tr> <tr> <td>-40.0 dB</td> <td>5090.0 kHz</td> </tr> <tr> <td>-60.0 dB</td> <td>20393 kHz</td> </tr> </tbody> </table> </div> <div style="width: 50%;"> </div> </div> | | | | Level | Offset (Fo) | -3.00 dB | 4212.5 kHz | -20.0 dB | 4946.0 kHz | -40.0 dB | 5090.0 kHz | -60.0 dB | 20393 kHz |
| Level | Offset (Fo) | | | | | | | | | | | | |
| -3.00 dB | 4212.5 kHz | | | | | | | | | | | | |
| -20.0 dB | 4946.0 kHz | | | | | | | | | | | | |
| -40.0 dB | 5090.0 kHz | | | | | | | | | | | | |
| -60.0 dB | 20393 kHz | | | | | | | | | | | | |
| EMISSION DESIGNATORS | | | | | | | | | | | | | |
| Em. Designator: (U) 30M0G7W | | Necessary BW: (U) 30000 kHz | | | | | | | | | | | |
| Measured/Calculated: (U) Measured | | Occupied Bandwidth: (U) 27820 kHz | | | | | | | | | | | |
| Modulation Type: (U) Digital Modulation | | Spread Spectrum: No | | | | | | | | | | | |
| Dig. Modulation Type: (U) QPSK - Quadrature Phase Shift Keying | | Digital Bit Rate: (U) 39000000 bps | | | | | | | | | | | |
| Number of Digital States: (U) 4 | | | | | | | | | | | | | |
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| CLASSIFICATION | | UNCLASSIFIED | | | | | | | | | | | |

TRANSMITTER EQUIPMENT CHARACTERISTICS

FUNDAMENTAL CURVE

(UNCLASSIFIED)

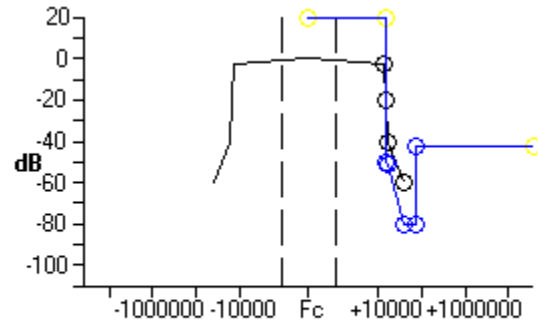
Meas/Calc: Measured**Level** **Offset (Fo)**

-3.00 dB 13277 kHz

-20.0 dB 15200 kHz

-40.0 dB 15649 kHz

-60.0 dB 39663 kHz



EMISSION DESIGNATORS

Em. Designator: (U) 60M0G7W**Necessary BW:** (U) 60000 kHz**Measured/Calculated:** (U) Measured**Occupied Bandwidth:** (U) 55500 kHz**Modulation Type:** (U) Digital Modulation**Spread Spectrum:** No**Dig. Modulation Type:**
(U) QPSK - Quadrature Phase Shift Keying**Digital Bit Rate:** (U) 78000000 bps**Number of Digital States:** (U) 4

FUNDAMENTAL CURVE

(UNCLASSIFIED)

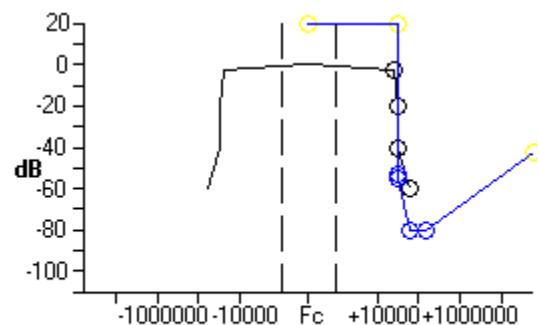
Meas/Calc: Measured**Level** **Offset (Fo)**

-3.00 dB 26355 kHz

-20.0 dB 30320 kHz

-40.0 dB 31550 kHz

-60.0 dB 59500 kHz



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| CLASSIFICATION <div>UNCLASSIFIED</div> | | PAGE 39 | |
| TRANSMITTER EQUIPMENT CHARACTERISTICS | | | |
| EMISSION DESIGNATORS | | | |
| Em. Designator: (U) 60M0D7W | | Necessary BW: (U) 60000 kHz | |
| Measured/Calculated: (U) Measured | | Occupied Bandwidth: (U) 55600 kHz | |
| Modulation Type: (U) Digital Modulation | | Spread Spectrum: No | |
| Dig. Modulation Type: (U) QAM - Quadrature Amplitude Modulation | | Digital Bit Rate: (U) 534000000 bps | |
| Number of Digital States: (U) 4096 | | | |
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| FUNDAMENTAL CURVE | | | |
| <div>(UNCLASSIFIED)</div> <div> <div> Meas/Calc: Measured Level Offset (Fo) -3.00 dB 25745 kHz -20.0 dB 30380 kHz -40.0 dB 31610 kHz -60.0 dB 56000 kHz </div> <div> </div> </div> | | | |
| Measured/Calculated: (U) Measured | | Occupied Bandwidth: (U) 55700 kHz | |
| Modulation Type: (U) Digital Modulation | | Spread Spectrum: No | |
| Dig. Modulation Type: (U) QAM - Quadrature Amplitude Modulation | | Digital Bit Rate: (U) 491000000 bps | |
| Number of Digital States: (U) 2048 | | | |
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| CLASSIFICATION | | UNCLASSIFIED | |

TRANSMITTER EQUIPMENT CHARACTERISTICS

FUNDAMENTAL CURVE

(UNCLASSIFIED)

Meas/Calc: Measured

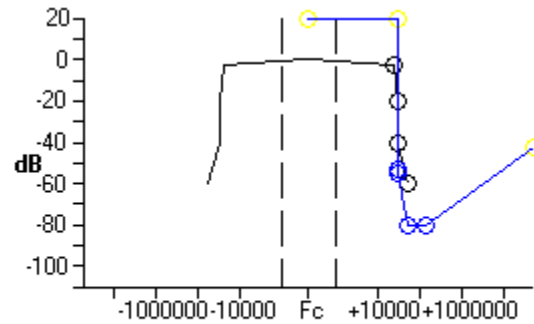
Level **Offset (Fo)**

-3.00 dB 25830 kHz

-20.0 dB 30440 kHz

-40.0 dB 31610 kHz

-60.0 dB 56250 kHz



Measured/Calculated: (U) Measured

Occupied Bandwidth: (U) 55700 kHz

Modulation Type: (U) Digital Modulation

Spread Spectrum: No

Dig. Modulation Type:

(U) QAM - Quadrature Amplitude Modulation

Digital Bit Rate: (U) 454000000 bps

Number of Digital States: (U) 1024

FUNDAMENTAL CURVE

(UNCLASSIFIED)

Meas/Calc: Measured

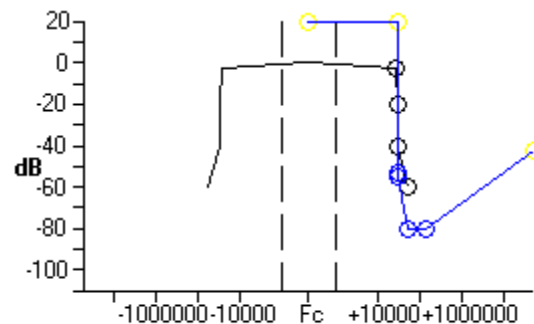
Level **Offset (Fo)**

-3.00 dB 26415 kHz

-20.0 dB 30430 kHz

-40.0 dB 31620 kHz

-60.0 dB 56500 kHz



Measured/Calculated: (U) Measured

Occupied Bandwidth: (U) 55700 kHz

Modulation Type: (U) Digital Modulation

Spread Spectrum: No

TRANSMITTER EQUIPMENT CHARACTERISTICS

Dig. Modulation Type:

(U) QAM - Quadrature Amplitude Modulation

Digital Bit Rate:

(U) 403000000 bps

Number of Digital States:

(U) 512

FUNDAMENTAL CURVE

(UNCLASSIFIED)

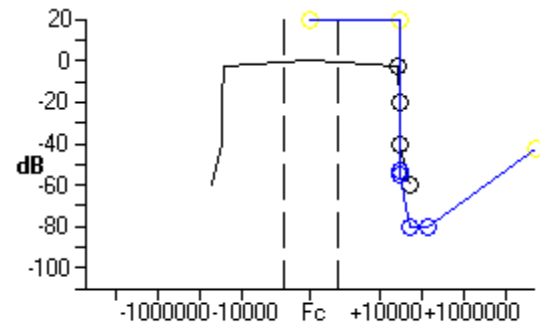
Meas/Calc: Measured**Level** **Offset (Fo)**

-3.00 dB 26490 kHz

-20.0 dB 30550 kHz

-40.0 dB 31620 kHz

-60.0 dB 56000 kHz

**Measured/Calculated:** (U) Measured**Occupied Bandwidth:**

(U) 55600 kHz

Modulation Type: (U) Digital Modulation**Spread Spectrum:**

No

Dig. Modulation Type:

(U) QAM - Quadrature Amplitude Modulation

Digital Bit Rate:

(U) 344000000 bps

Number of Digital States:

(U) 256

TRANSMITTER EQUIPMENT CHARACTERISTICS

FUNDAMENTAL CURVE

(UNCLASSIFIED)

Meas/Calc: Measured

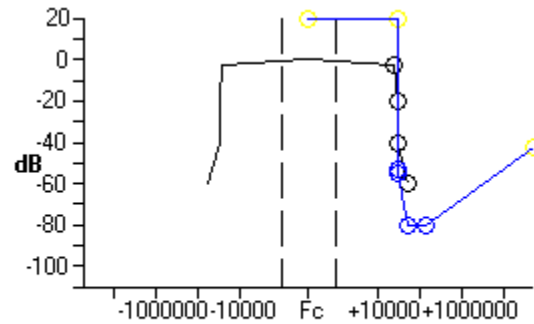
Level **Offset (Fo)**

-3.00 dB 26185 kHz

-20.0 dB 30465 kHz

-40.0 dB 31620 kHz

-60.0 dB 56500 kHz



Measured/Calculated: (U) Measured

Occupied Bandwidth: (U) 55700 kHz

Modulation Type: (U) Digital Modulation

Spread Spectrum: No

Dig. Modulation Type:

(U) QAM - Quadrature Amplitude Modulation

Digital Bit Rate: (U) 301000000 bps

Number of Digital States: (U) 128

FUNDAMENTAL CURVE

(UNCLASSIFIED)

Meas/Calc: Measured

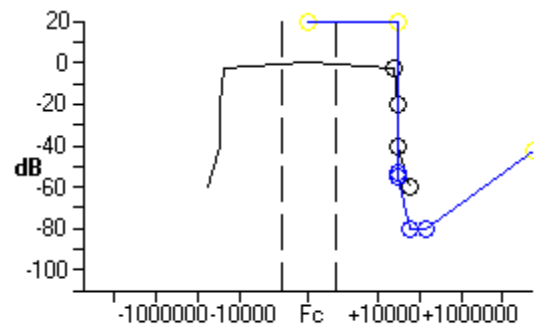
Level **Offset (Fo)**

-3.00 dB 26070 kHz

-20.0 dB 30430 kHz

-40.0 dB 31610 kHz

-60.0 dB 57000 kHz



Measured/Calculated: (U) Measured

Occupied Bandwidth: (U) 55600 kHz

Modulation Type: (U) Digital Modulation

Spread Spectrum: No

| | | | |
|---|--|--|--|
| CLASSIFICATION <div>UNCLASSIFIED</div> | | PAGE 43 | |
| TRANSMITTER EQUIPMENT CHARACTERISTICS | | | |
| Dig. Modulation Type: (U) QAM - Quadrature Amplitude Modulation | | Digital Bit Rate: (U) 267000000 bps | |
| Number of Digital States: (U) 64 | | | |
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| FUNDAMENTAL CURVE | | | |
| <div>(UNCLASSIFIED)</div> <div> <div> Meas/Calc: Measured <u>Level</u> <u>Offset (Fo)</u> -3.00 dB 26255 kHz -20.0 dB 30400 kHz -40.0 dB 31620 kHz -60.0 dB 57000 kHz </div> <div> </div> </div> | | | |
| Measured/Calculated: (U) Measured | | Occupied Bandwidth: (U) 55500 kHz | |
| Modulation Type: (U) Digital Modulation | | Spread Spectrum: No | |
| Dig. Modulation Type: (U) QAM - Quadrature Amplitude Modulation | | Digital Bit Rate: (U) 217000000 bps | |
| Number of Digital States: (U) 32 | | | |
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| CLASSIFICATION <div>UNCLASSIFIED</div> | | | |

TRANSMITTER EQUIPMENT CHARACTERISTICS

FUNDAMENTAL CURVE

(UNCLASSIFIED)

Meas/Calc: Measured

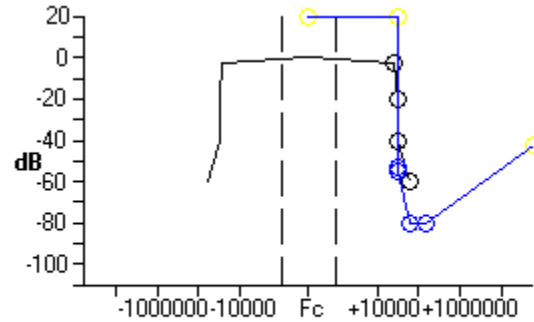
Level **Offset (Fo)**

-3.00 dB 26550 kHz

-20.0 dB 30470 kHz

-40.0 dB 31620 kHz

-60.0 dB 59000 kHz



Measured/Calculated: (U) Measured

Occupied Bandwidth: (U) 55600 kHz

Modulation Type: (U) Digital Modulation

Spread Spectrum: No

Dig. Modulation Type:

(U) QAM - Quadrature Amplitude Modulation

Digital Bit Rate: (U) 167000000 bps

Number of Digital States: (U) 16

FUNDAMENTAL CURVE

(UNCLASSIFIED)

Meas/Calc: Measured

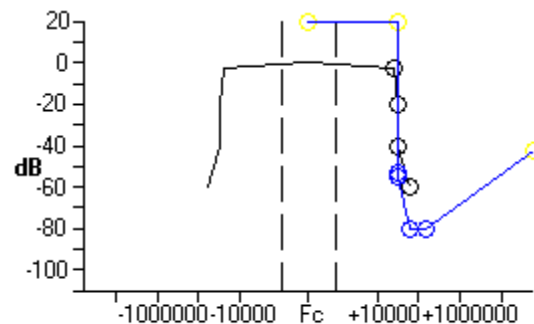
Level **Offset (Fo)**

-3.00 dB 26310 kHz

-20.0 dB 30490 kHz

-40.0 dB 31620 kHz

-60.0 dB 59000 kHz



| CLASSIFICATION <div style="text-align: center; font-weight: bold; font-size: 1.2em;">UNCLASSIFIED</div> | PAGE 45 | | | | | | | | |
|---|---|--------|-------------|---------|-----------|---------|-----------|---------|-----------|
| RECEIVER EQUIPMENT CHARACTERISTICS | | | | | | | | | |
| Nomenclature: (U) Eclipse Radio IRU600 MP 8 GHz RX | Manufacturer: (U) AVIAT NETWORKS | | | | | | | | |
| NTIA Approval Status: (U) Unapproved | Coordination ID: J/F 12 | | | | | | | | |
| Date of Import: 9/16/2019 3:28:26 PM (GMT) | Date/Time Last Mod.: 9/10/2019 3:14:31 PM (GMT) | | | | | | | | |
| Model Name: (U) Eclipse Radio IRU600 MP 8 GHz | Fcc Acc. Number: | | | | | | | | |
| Image Reject: (U) 90.0 dB | Oscillator Tuned: (U) Either | | | | | | | | |
| Cond. Undesired Em.: (U) -55.0 dBm | Proxy: No | | | | | | | | |
| Homodyne: No | | | | | | | | | |
| FREQUENCIES | | | | | | | | | |
| Tuning Range: (U) 7750.000 MHz - 8500.000 MHz | Tuning Method: (U) Synthesizer VCO | | | | | | | | |
| Tuning Increment: (U) 50.000 kHz | Freq. Stability: (U) 5ppm | | | | | | | | |
| EMISSION DESIGNATORS | | | | | | | | | |
| Em. Designator: (U) 40M0G7W | Sensitivities Sensitivity: (U) -87.5 dBm Necessary BW: (U) 40000 kHz Perf. Value: (U) 0.000001 Noise Figure: (U) 5.40 dB Noise Temp. (U) 716 K Spur. Reject (U) 80.0 dB Intermod. Reject: Adj. Channel Sel.: Perf. Crit.: (U) BER - Bit Error Rate | | | | | | | | |
| IF SELECTIVITY CURVE | | | | | | | | | |
| <div style="text-align: center; font-weight: bold; margin-bottom: 10px;">(UNCLASSIFIED)</div> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Measured/Calculated: Measured</p> <p>IF Freq. (Fk): 560.0000 MHz</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left; font-weight: normal;">Atten.</th> <th style="text-align: left; font-weight: normal;">Offset (Fo)</th> </tr> <tr> <td>3.00 dB</td> <td>21850 kHz</td> </tr> <tr> <td>20.0 dB</td> <td>24350 kHz</td> </tr> <tr> <td>60.0 dB</td> <td>29000 kHz</td> </tr> </table> </div> <div style="width: 50%; text-align: center;"> </div> </div> | | Atten. | Offset (Fo) | 3.00 dB | 21850 kHz | 20.0 dB | 24350 kHz | 60.0 dB | 29000 kHz |
| Atten. | Offset (Fo) | | | | | | | | |
| 3.00 dB | 21850 kHz | | | | | | | | |
| 20.0 dB | 24350 kHz | | | | | | | | |
| 60.0 dB | 29000 kHz | | | | | | | | |
| CLASSIFICATION <div style="text-align: center; font-weight: bold; font-size: 1.2em;">UNCLASSIFIED</div> | | | | | | | | | |

RECEIVER EQUIPMENT CHARACTERISTICS

IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

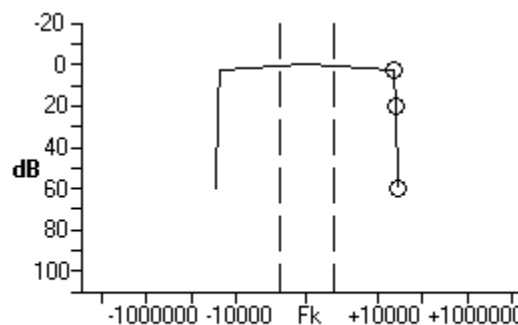
IF Freq. (Fk): 126.0000 MHz

Atten. **Offset (Fo)**

3.00 dB 21850 kHz

20.0 dB 24350 kHz

60.0 dB 29000 kHz



EMISSION DESIGNATORS

Em. Designator: (U) 40M0D7W

Sensitivities

Sensitivity: (U) -79.5 dBm

Necessary BW: (U) 40000 kHz

Perf. Value: (U) 0.000001

Noise Figure: (U) 5.40 dB

Noise Temp. (U) 716 K

Spur. Reject (U) 80.0 dB

Intermod. Reject:

Adj. Channel Sel.:

Perf. Crit.: (U) BER - Bit Error Rate

IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

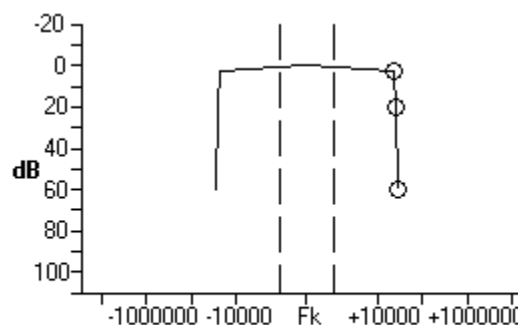
IF Freq. (Fk): 560.0000 MHz

Atten. **Offset (Fo)**

3.00 dB 21850 kHz

20.0 dB 24350 kHz

60.0 dB 29000 kHz



RECEIVER EQUIPMENT CHARACTERISTICS

IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

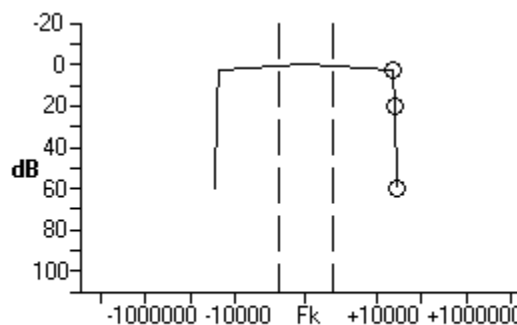
IF Freq. (Fk): 126.0000 MHz

Atten. Offset (Fo)

3.00 dB 21850 kHz

20.0 dB 24350 kHz

60.0 dB 29000 kHz



RF SELECTIVITY CURVE

(UNCLASSIFIED)

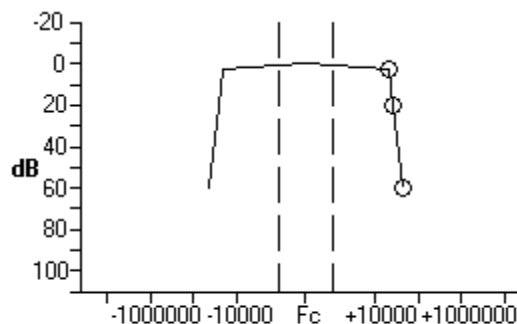
Measured/Calculated: Measured

Atten. Offset (Fo)

3.00 dB 21000 kHz

20.0 dB 26000 kHz

60.0 dB 43000 kHz



FREQUENCIES

Tuning Range: (U) 7750.000 MHz - 8500.000 MHz

Tuning Method: (U) Synthesizer VCO

Tuning Increment: (U) 50.000 kHz

Freq. Stability: (U) 5ppm

RECEIVER EQUIPMENT CHARACTERISTICS

EMISSION DESIGNATORS

Em. Designator: (U) 40M0D7W

Sensitivities

Sensitivity: (U) -76.8 dBm

Necessary BW: (U) 40000 kHz

Perf. Value: (U) 0.000001

Noise Figure: (U) 5.40 dB

Noise Temp. (U) 716 K

Spur. Reject (U) 80.0 dB

Intermod. Reject:

Adj. Channel Sel.:

Perf. Crit.: (U) BER - Bit Error Rate

IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

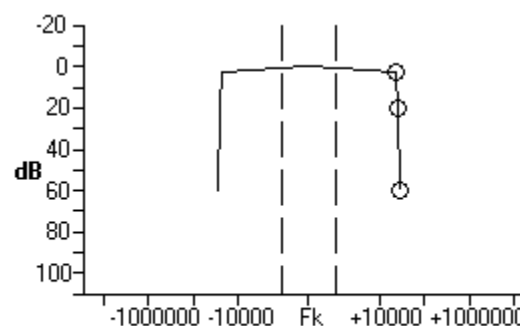
IF Freq. (Fk): 560.0000 MHz

Atten. Offset (Fo)

3.00 dB 21850 kHz

20.0 dB 24350 kHz

60.0 dB 29000 kHz



IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

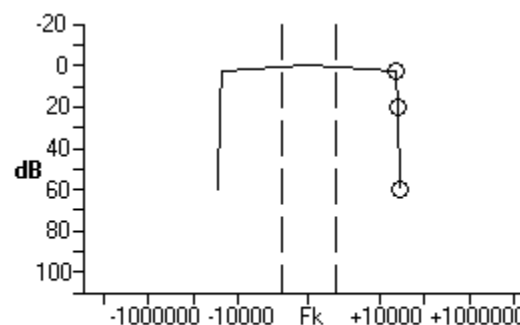
IF Freq. (Fk): 126.0000 MHz

Atten. Offset (Fo)

3.00 dB 21850 kHz

20.0 dB 24350 kHz

60.0 dB 29000 kHz



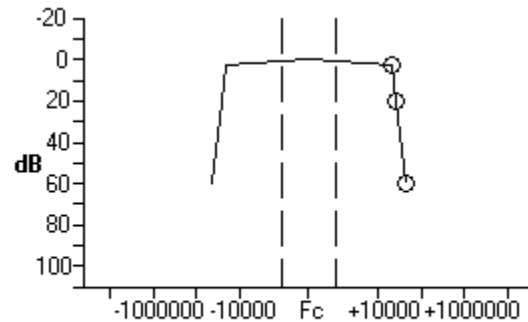
RECEIVER EQUIPMENT CHARACTERISTICS

RF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

| <u>Atten.</u> | <u>Offset (Fo)</u> |
|---------------|--------------------|
| 3.00 dB | 21000 kHz |
| 20.0 dB | 26000 kHz |
| 60.0 dB | 43000 kHz |



FREQUENCIES

Tuning Range: (U) 7750.000 MHz - 8500.000 MHz

Tuning Method: (U) Synthesizer VCO

Tuning Increment: (U) 50.000 kHz

Freq. Stability: (U) 5ppm

EMISSION DESIGNATORS

Em. Designator: (U) 40M0D7W

Sensitivities

Sensitivity: (U) -74.3 dBm

Necessary BW: (U) 40000 kHz

Perf. Value: (U) 0.000001

Noise Figure: (U) 5.40 dB

Noise Temp. (U) 716 K

Spur. Reject (U) 80.0 dB

Intermod. Reject:

Adj. Channel Sel.:

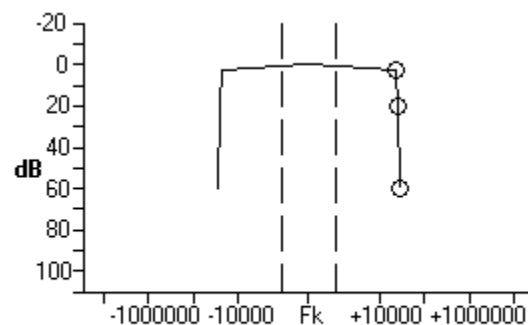
Perf. Crit.: (U) BER - Bit Error Rate

IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

| IF Freq. (Fk): | 560.0000 MHz |
|----------------|--------------------|
| <u>Atten.</u> | <u>Offset (Fo)</u> |
| 3.00 dB | 21850 kHz |
| 20.0 dB | 24350 kHz |
| 60.0 dB | 29000 kHz |



RECEIVER EQUIPMENT CHARACTERISTICS

IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

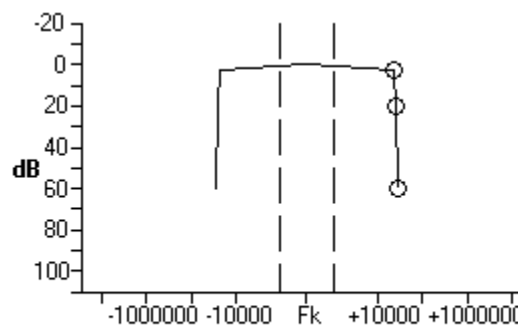
IF Freq. (Fk): 126.0000 MHz

Atten. Offset (Fo)

3.00 dB 21850 kHz

20.0 dB 24350 kHz

60.0 dB 29000 kHz



RF SELECTIVITY CURVE

(UNCLASSIFIED)

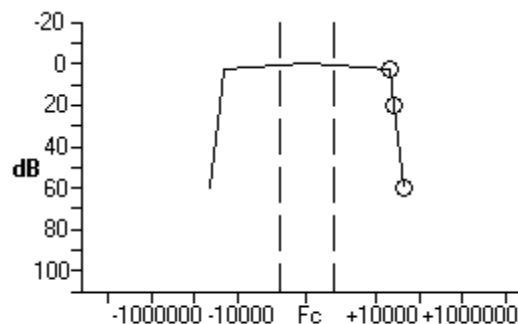
Measured/Calculated: Measured

Atten. Offset (Fo)

3.00 dB 21000 kHz

20.0 dB 26000 kHz

60.0 dB 43000 kHz



FREQUENCIES

Tuning Range: (U) 7750.000 MHz - 8500.000 MHz

Tuning Method: (U) Synthesizer VCO

Tuning Increment: (U) 50.000 kHz

Freq. Stability: (U) 5ppm

RECEIVER EQUIPMENT CHARACTERISTICS

EMISSION DESIGNATORS

Em. Designator: (U) 40M0D7W

Sensitivities

Sensitivity: (U) -71.8 dBm

Necessary BW: (U) 40000 kHz

Perf. Value: (U) 0.000001

Noise Figure: (U) 5.40 dB

Noise Temp. (U) 716 K

Spur. Reject (U) 80.0 dB

Intermod. Reject:

Adj. Channel Sel.:

Perf. Crit.: (U) BER - Bit Error Rate

IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

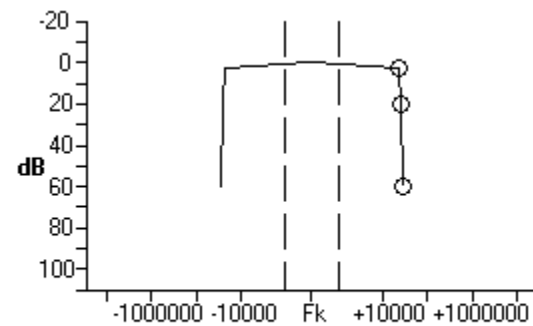
IF Freq. (Fk): 560.0000 MHz

Atten. **Offset (Fo)**

3.00 dB 21850 kHz

20.0 dB 24350 kHz

60.0 dB 29000 kHz



IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

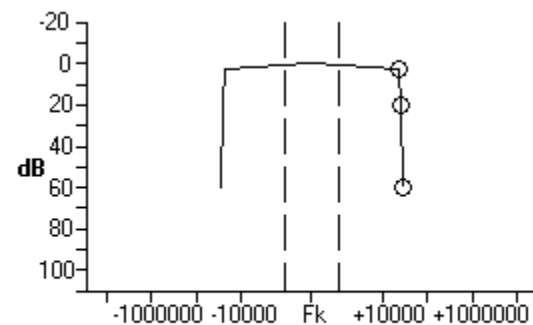
IF Freq. (Fk): 126.0000 MHz

Atten. **Offset (Fo)**

3.00 dB 21850 kHz

20.0 dB 24350 kHz

60.0 dB 29000 kHz



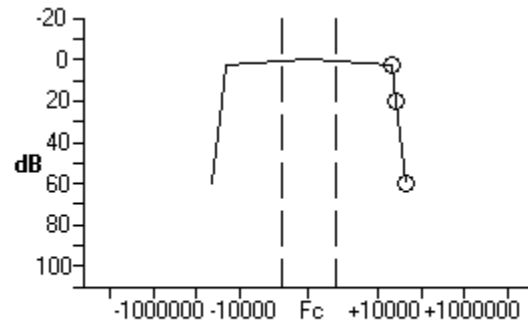
RECEIVER EQUIPMENT CHARACTERISTICS

RF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

| <u>Atten.</u> | <u>Offset (Fo)</u> |
|---------------|--------------------|
| 3.00 dB | 21000 kHz |
| 20.0 dB | 26000 kHz |
| 60.0 dB | 43000 kHz |



FREQUENCIES

Tuning Range: (U) 7750.000 MHz - 8500.000 MHz

Tuning Method: (U) Synthesizer VCO

Tuning Increment: (U) 50.000 kHz

Freq. Stability: (U) 5ppm

EMISSION DESIGNATORS

Em. Designator: (U) 40M0D7W

Sensitivities

Sensitivity: (U) -68.5 dBm
 Necessary BW: (U) 40000 kHz
 Perf. Value: (U) 0.000001
 Noise Figure: (U) 5.40 dB
 Noise Temp. (U) 716 K
 Spur. Reject (U) 80.0 dB
 Intermod. Reject:
 Adj. Channel Sel.:
 Perf. Crit.: (U) BER - Bit Error Rate

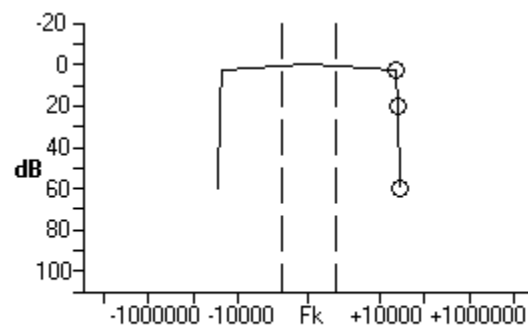
IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

IF Freq. (Fk): 560.0000 MHz

| <u>Atten.</u> | <u>Offset (Fo)</u> |
|---------------|--------------------|
| 3.00 dB | 21850 kHz |
| 20.0 dB | 24350 kHz |
| 60.0 dB | 29000 kHz |



RECEIVER EQUIPMENT CHARACTERISTICS

IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

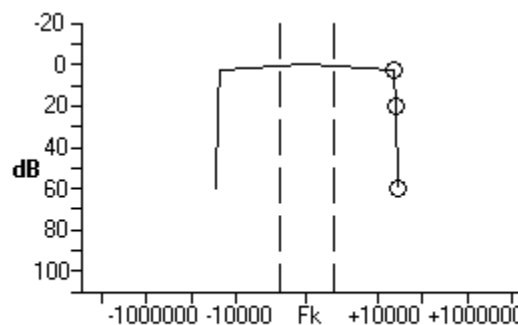
IF Freq. (Fk): 126.0000 MHz

Atten. Offset (Fo)

3.00 dB 21850 kHz

20.0 dB 24350 kHz

60.0 dB 29000 kHz



RF SELECTIVITY CURVE

(UNCLASSIFIED)

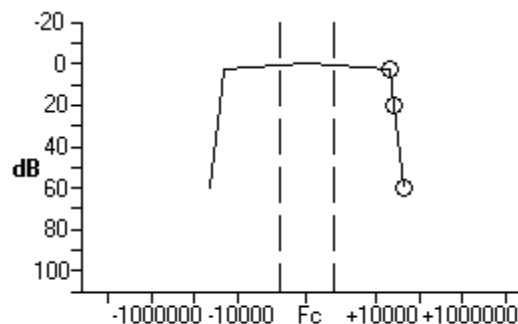
Measured/Calculated: Measured

Atten. Offset (Fo)

3.00 dB 21000 kHz

20.0 dB 26000 kHz

60.0 dB 43000 kHz



FREQUENCIES

Tuning Range: (U) 7750.000 MHz - 8500.000 MHz

Tuning Method: (U) Synthesizer VCO

Tuning Increment: (U) 50.000 kHz

Freq. Stability: (U) 5ppm

RECEIVER EQUIPMENT CHARACTERISTICS

EMISSION DESIGNATORS

Em. Designator: (U) 40M0D7W

Sensitivities

Sensitivity: (U) -66.0 dBm

Necessary BW: (U) 40000 kHz

Perf. Value: (U) 0.000001

Noise Figure: (U) 5.40 dB

Noise Temp. (U) 716 K

Spur. Reject (U) 80.0 dB

Intermod. Reject:

Adj. Channel Sel.:

Perf. Crit.: (U) BER - Bit Error Rate

IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

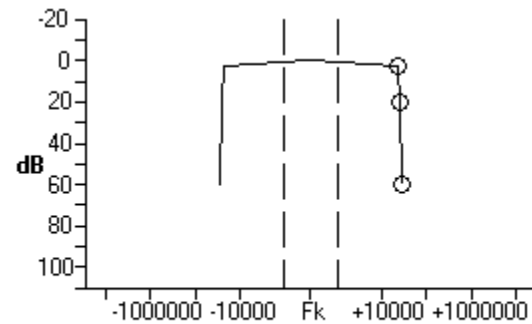
IF Freq. (Fk): 560.0000 MHz

Atten. Offset (Fo)

3.00 dB 21850 kHz

20.0 dB 24350 kHz

60.0 dB 29000 kHz



IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

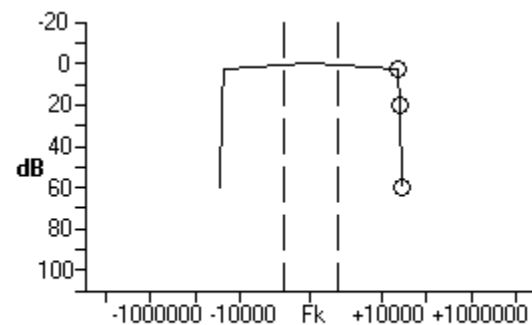
IF Freq. (Fk): 126.0000 MHz

Atten. Offset (Fo)

3.00 dB 21850 kHz

20.0 dB 24350 kHz

60.0 dB 29000 kHz



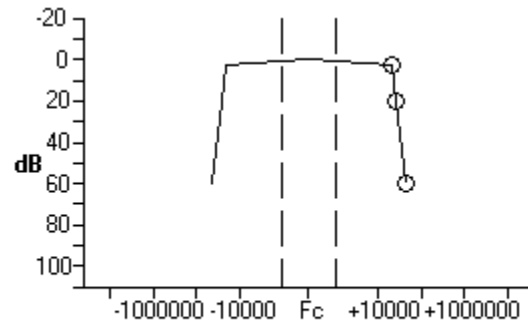
RECEIVER EQUIPMENT CHARACTERISTICS

RF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

| <u>Atten.</u> | <u>Offset (Fo)</u> |
|---------------|--------------------|
| 3.00 dB | 21000 kHz |
| 20.0 dB | 26000 kHz |
| 60.0 dB | 43000 kHz |



FREQUENCIES

Tuning Range: (U) 7750.000 MHz - 8500.000 MHz

Tuning Method: (U) Synthesizer VCO

Tuning Increment: (U) 50.000 kHz

Freq. Stability: (U) 5ppm

EMISSION DESIGNATORS

Em. Designator: (U) 40M0D7W

Sensitivities

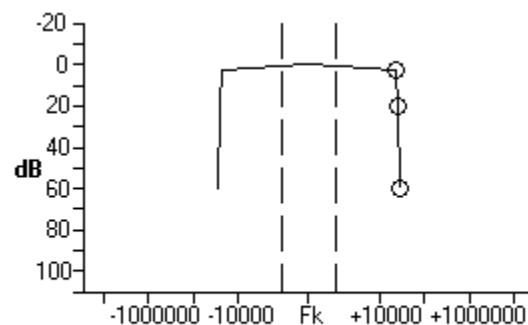
Sensitivity: (U) -62.5 dBm
 Necessary BW: (U) 40000 kHz
 Perf. Value: (U) 0.000001
 Noise Figure: (U) 5.40 dB
 Noise Temp. (U) 716 K
 Spur. Reject (U) 80.0 dB
 Intermod. Reject:
 Adj. Channel Sel.:
 Perf. Crit.: (U) BER - Bit Error Rate

IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

| IF Freq. (Fk): | 560.0000 MHz |
|----------------|--------------------|
| <u>Atten.</u> | <u>Offset (Fo)</u> |
| 3.00 dB | 21850 kHz |
| 20.0 dB | 24350 kHz |
| 60.0 dB | 29000 kHz |



RECEIVER EQUIPMENT CHARACTERISTICS

IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

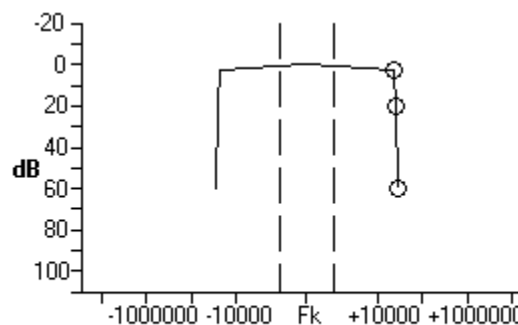
IF Freq. (Fk): 126.0000 MHz

Atten. Offset (Fo)

3.00 dB 21850 kHz

20.0 dB 24350 kHz

60.0 dB 29000 kHz



RF SELECTIVITY CURVE

(UNCLASSIFIED)

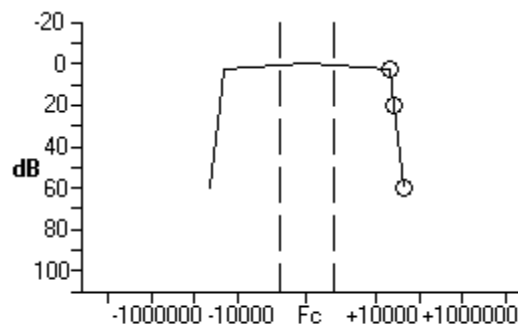
Measured/Calculated: Measured

Atten. Offset (Fo)

3.00 dB 21000 kHz

20.0 dB 26000 kHz

60.0 dB 43000 kHz



FREQUENCIES

Tuning Range: (U) 7750.000 MHz - 8500.000 MHz

Tuning Method: (U) Synthesizer VCO

Tuning Increment: (U) 50.000 kHz

Freq. Stability: (U) 5ppm

RECEIVER EQUIPMENT CHARACTERISTICS

EMISSION DESIGNATORS

Em. Designator: (U) 40M0D7W

Sensitivities

Sensitivity: (U) -59.3 dBm

Necessary BW: (U) 40000 kHz

Perf. Value: (U) 0.000001

Noise Figure: (U) 5.40 dB

Noise Temp. (U) 716 K

Spur. Reject (U) 80.0 dB

Intermod. Reject:

Adj. Channel Sel.:

Perf. Crit.: (U) BER - Bit Error Rate

IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

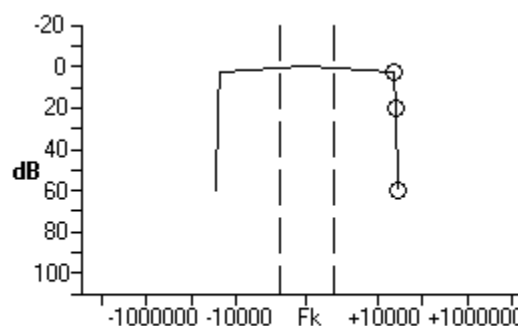
IF Freq. (Fk): 560.0000 MHz

Atten. Offset (Fo)

3.00 dB 21850 kHz

20.0 dB 24350 kHz

60.0 dB 29000 kHz



IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

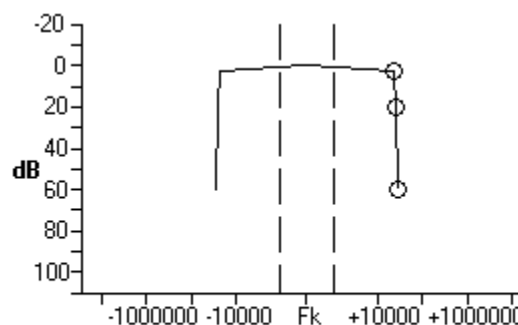
IF Freq. (Fk): 126.0000 MHz

Atten. Offset (Fo)

3.00 dB 21850 kHz

20.0 dB 24350 kHz

60.0 dB 29000 kHz



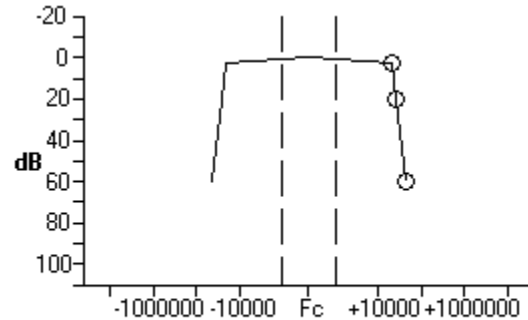
RECEIVER EQUIPMENT CHARACTERISTICS

RF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

| <u>Atten.</u> | <u>Offset (Fo)</u> |
|---------------|--------------------|
| 3.00 dB | 21000 kHz |
| 20.0 dB | 26000 kHz |
| 60.0 dB | 43000 kHz |



FREQUENCIES

Tuning Range: (U) 7750.000 MHz - 8500.000 MHz

Tuning Method: (U) Synthesizer VCO

Tuning Increment: (U) 50.000 kHz

Freq. Stability: (U) 5ppm

EMISSION DESIGNATORS

Em. Designator: (U) 40M0D7W

Sensitivities

Sensitivity: (U) -55.5 dBm

Necessary BW: (U) 40000 kHz

Perf. Value: (U) 0.000001

Noise Figure: (U) 5.40 dB

Noise Temp. (U) 716 K

Spur. Reject (U) 80.0 dB

Intermod. Reject:

Adj. Channel Sel.:

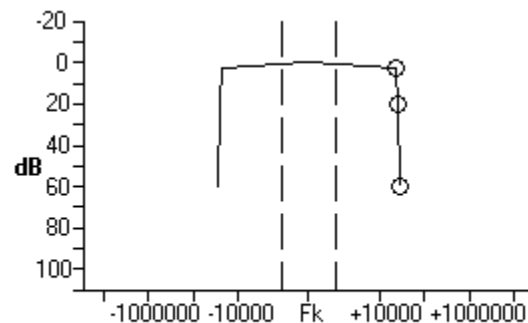
Perf. Crit.: (U) BER - Bit Error Rate

IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

| IF Freq. (Fk): | 560.0000 MHz |
|----------------|--------------------|
| <u>Atten.</u> | <u>Offset (Fo)</u> |
| 3.00 dB | 21850 kHz |
| 20.0 dB | 24350 kHz |
| 60.0 dB | 29000 kHz |



RECEIVER EQUIPMENT CHARACTERISTICS

IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

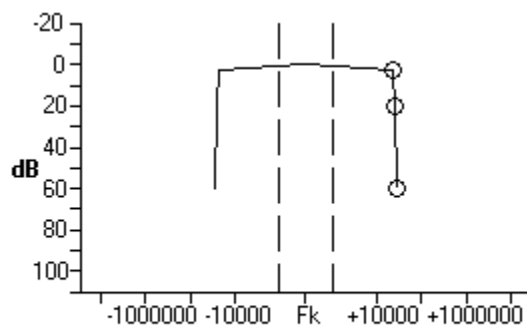
IF Freq. (Fk): 126.0000 MHz

Atten. Offset (Fo)

3.00 dB 21850 kHz

20.0 dB 24350 kHz

60.0 dB 29000 kHz



RF SELECTIVITY CURVE

(UNCLASSIFIED)

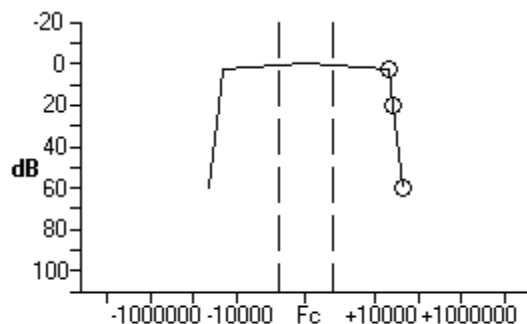
Measured/Calculated: Measured

Atten. Offset (Fo)

3.00 dB 21000 kHz

20.0 dB 26000 kHz

60.0 dB 43000 kHz



FREQUENCIES

Tuning Range: (U) 7750.000 MHz - 8500.000 MHz

Tuning Method: (U) Synthesizer VCO

Tuning Increment: (U) 50.000 kHz

Freq. Stability: (U) 5ppm

RECEIVER EQUIPMENT CHARACTERISTICS

EMISSION DESIGNATORS

Em. Designator: (U) 30M0D7W

Sensitivities

Sensitivity: (U) -81.0 dBm

Necessary BW: (U) 30000 kHz

Perf. Value: (U) 0.000001

Noise Figure: (U) 5.40 dB

Noise Temp. (U) 716 K

Spur. Reject (U) 80.0 dB

Intermod. Reject:

Adj. Channel Sel.:

Perf. Crit.: (U) BER - Bit Error Rate

IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

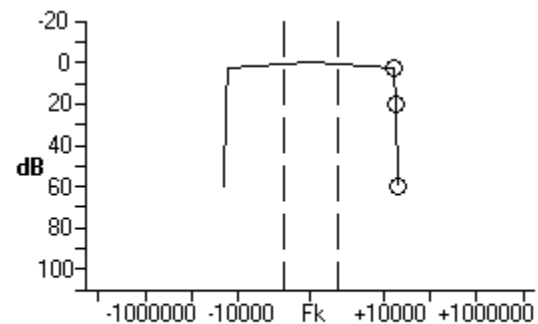
IF Freq. (Fk): 560.0000 MHz

Atten. Offset (Fo)

3.00 dB 16250 kHz

20.0 dB 17750 kHz

60.0 dB 19400 kHz



IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

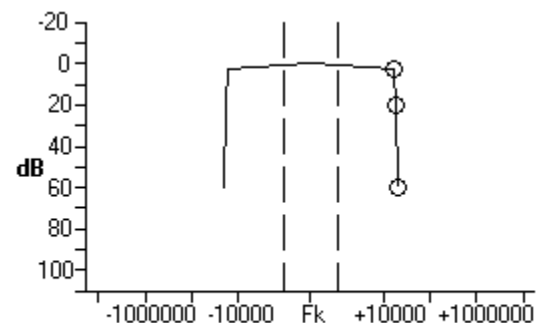
IF Freq. (Fk): 126.0000 MHz

Atten. Offset (Fo)

3.00 dB 16250 kHz

20.0 dB 17750 kHz

60.0 dB 19400 kHz



RECEIVER EQUIPMENT CHARACTERISTICS

EMISSION DESIGNATORS

Em. Designator: (U) 30M0G7W

Sensitivities

Sensitivity: (U) -89.0 dBm

Necessary BW: (U) 30000 kHz

Perf. Value: (U) 0.000001

Noise Figure: (U) 5.40 dB

Noise Temp. (U) 716 K

Spur. Reject (U) 80.0 dB

Intermod. Reject:

Adj. Channel Sel.:

Perf. Crit.: (U) BER - Bit Error Rate

IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

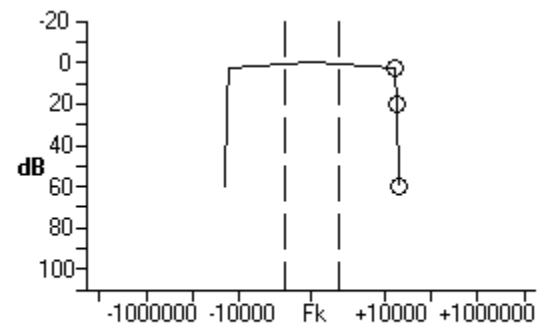
IF Freq. (Fk): 560.0000 MHz

Atten. Offset (Fo)

3.00 dB 16250 kHz

20.0 dB 17750 kHz

60.0 dB 19400 kHz



IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

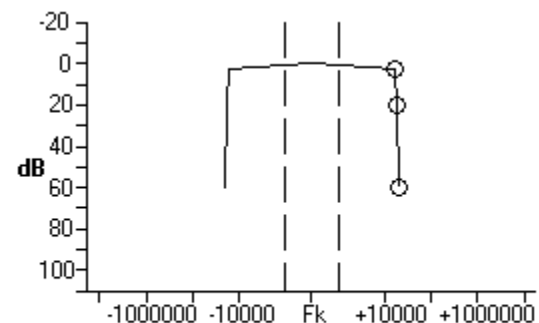
IF Freq. (Fk): 126.0000 MHz

Atten. Offset (Fo)

3.00 dB 16250 kHz

20.0 dB 17750 kHz

60.0 dB 19400 kHz



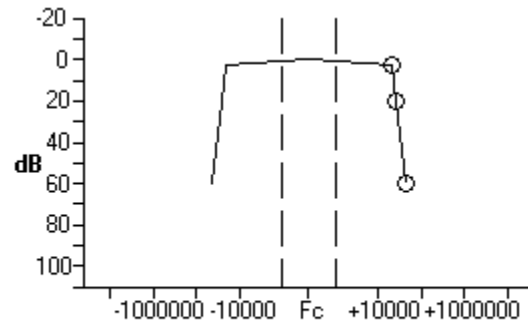
RECEIVER EQUIPMENT CHARACTERISTICS

RF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

| <u>Atten.</u> | <u>Offset (Fo)</u> |
|---------------|--------------------|
| 3.00 dB | 21000 kHz |
| 20.0 dB | 26000 kHz |
| 60.0 dB | 43000 kHz |



FREQUENCIES

Tuning Range: (U) 7750.000 MHz - 8500.000 MHz

Tuning Method: (U) Synthesizer VCO

Tuning Increment: (U) 50.000 kHz

Freq. Stability: (U) 5ppm

EMISSION DESIGNATORS

Em. Designator: (U) 30M0D7W

Sensitivities

Sensitivity: (U) -78.3 dBm
 Necessary BW: (U) 30000 kHz
 Perf. Value: (U) 0.000001
 Noise Figure: (U) 5.40 dB
 Noise Temp. (U) 716 K
 Spur. Reject (U) 80.0 dB
 Intermod. Reject:
 Adj. Channel Sel.:
 Perf. Crit.: (U) BER - Bit Error Rate

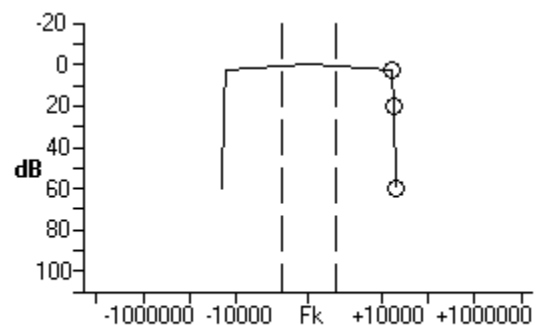
IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

IF Freq. (Fk): 560.0000 MHz

| <u>Atten.</u> | <u>Offset (Fo)</u> |
|---------------|--------------------|
| 3.00 dB | 16250 kHz |
| 20.0 dB | 17750 kHz |
| 60.0 dB | 19400 kHz |



RECEIVER EQUIPMENT CHARACTERISTICS

IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

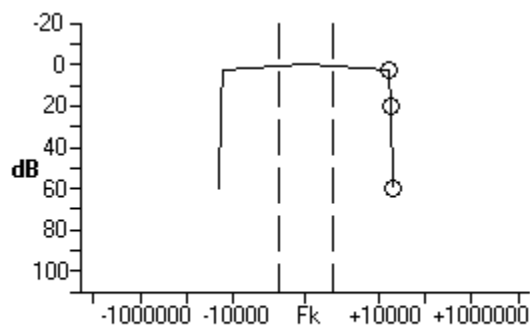
IF Freq. (Fk): 126.0000 MHz

Atten. **Offset (Fo)**

3.00 dB 16250 kHz

20.0 dB 17750 kHz

60.0 dB 19400 kHz



RF SELECTIVITY CURVE

(UNCLASSIFIED)

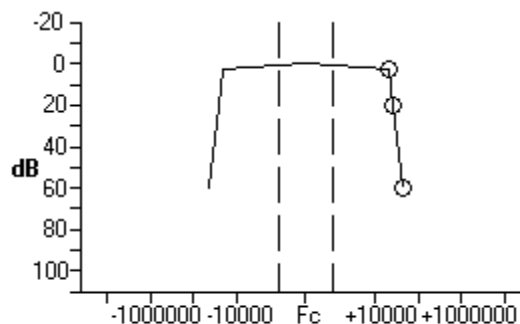
Measured/Calculated: Measured

Atten. **Offset (Fo)**

3.00 dB 21000 kHz

20.0 dB 26000 kHz

60.0 dB 43000 kHz



FREQUENCIES

Tuning Range: (U) 7750.000 MHz - 8500.000 MHz

Tuning Method: (U) Synthesizer VCO

Tuning Increment: (U) 50.000 kHz

Freq. Stability: (U) 5ppm

RECEIVER EQUIPMENT CHARACTERISTICS

EMISSION DESIGNATORS

Em. Designator: (U) 30M0D7W

Sensitivities

Sensitivity: (U) -75.8 dBm

Necessary BW: (U) 30000 kHz

Perf. Value: (U) 0.000001

Noise Figure: (U) 5.40 dB

Noise Temp. (U) 716 K

Spur. Reject (U) 80.0 dB

Intermod. Reject:

Adj. Channel Sel.:

Perf. Crit.: (U) BER - Bit Error Rate

IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

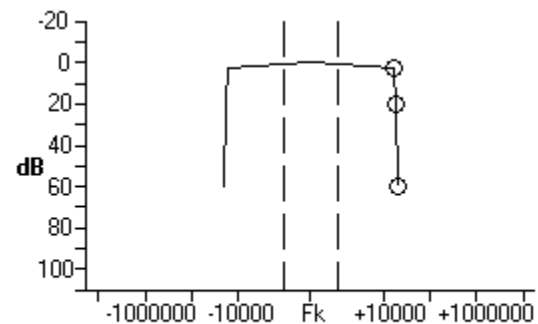
IF Freq. (Fk): 126.0000 MHz

Atten. Offset (Fo)

3.00 dB 16250 kHz

20.0 dB 17750 kHz

60.0 dB 19400 kHz



IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

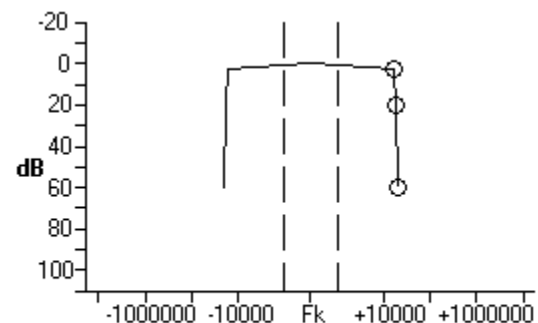
IF Freq. (Fk): 560.0000 MHz

Atten. Offset (Fo)

3.00 dB 16250 kHz

20.0 dB 17750 kHz

60.0 dB 19400 kHz



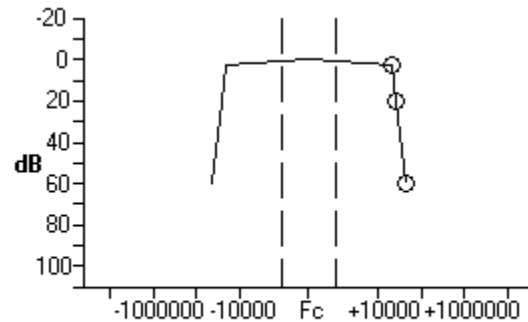
RECEIVER EQUIPMENT CHARACTERISTICS

RF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

| <u>Atten.</u> | <u>Offset (Fo)</u> |
|---------------|--------------------|
| 3.00 dB | 21000 kHz |
| 20.0 dB | 26000 kHz |
| 60.0 dB | 43000 kHz |



FREQUENCIES

Tuning Range: (U) 7750.000 MHz - 8500.000 MHz

Tuning Method: (U) Synthesizer VCO

Tuning Increment: (U) 50.000 kHz

Freq. Stability: (U) 5ppm

EMISSION DESIGNATORS

Em. Designator: (U) 30M0D7W

Sensitivities

Sensitivity: (U) -73.0 dBm
 Necessary BW: (U) 30000 kHz
 Perf. Value: (U) 0.000001
 Noise Figure: (U) 5.40 dB
 Noise Temp. (U) 716 K
 Spur. Reject (U) 80.0 dB
 Intermod. Reject:
 Adj. Channel Sel.:
 Perf. Crit.: (U) BER - Bit Error Rate

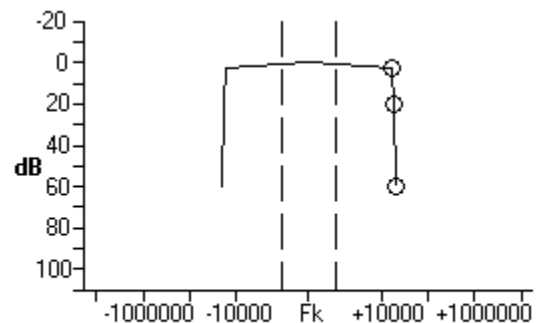
IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

IF Freq. (Fk): 560.0000 MHz

| <u>Atten.</u> | <u>Offset (Fo)</u> |
|---------------|--------------------|
| 3.00 dB | 16250 kHz |
| 20.0 dB | 17750 kHz |
| 60.0 dB | 19400 kHz |



RECEIVER EQUIPMENT CHARACTERISTICS

IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

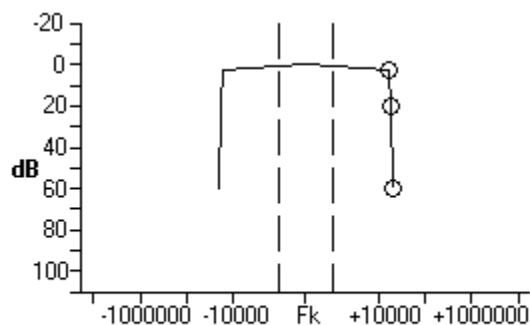
IF Freq. (Fk): 126.0000 MHz

Atten. Offset (Fo)

3.00 dB 16250 kHz

20.0 dB 17750 kHz

60.0 dB 19400 kHz



RF SELECTIVITY CURVE

(UNCLASSIFIED)

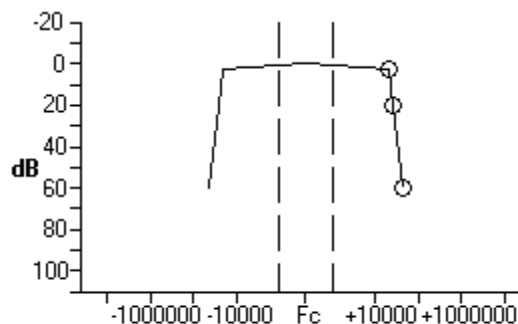
Measured/Calculated: Measured

Atten. Offset (Fo)

3.00 dB 21000 kHz

20.0 dB 26000 kHz

60.0 dB 43000 kHz



FREQUENCIES

Tuning Range: (U) 7750.000 MHz - 8500.000 MHz

Tuning Method: (U) Synthesizer VCO

Tuning Increment: (U) 50.000 kHz

Freq. Stability: (U) 5ppm

RECEIVER EQUIPMENT CHARACTERISTICS

EMISSION DESIGNATORS

Em. Designator: (U) 30M0D7W

Sensitivities

Sensitivity: (U) -69.8 dBm

Necessary BW: (U) 30000 kHz

Perf. Value: (U) 0.000001

Noise Figure: (U) 5.40 dB

Noise Temp. (U) 716 K

Spur. Reject (U) 80.0 dB

Intermod. Reject:

Adj. Channel Sel.:

Perf. Crit.: (U) BER - Bit Error Rate

IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

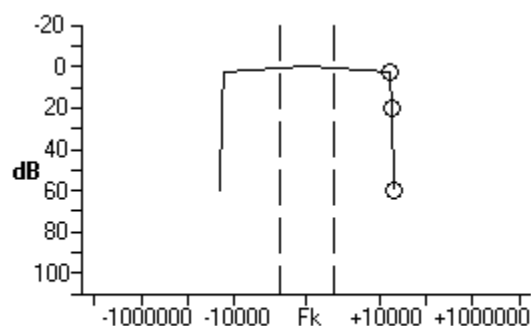
IF Freq. (Fk): 560.0000 MHz

Atten. Offset (Fo)

3.00 dB 16250 kHz

20.0 dB 17750 kHz

60.0 dB 19400 kHz



IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

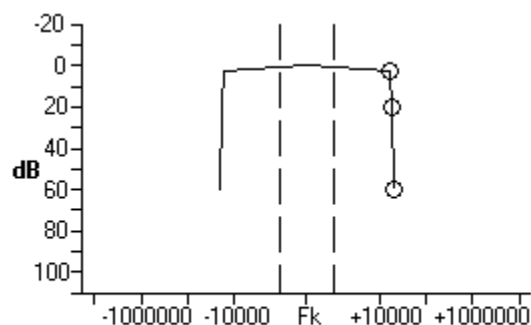
IF Freq. (Fk): 126.0000 MHz

Atten. Offset (Fo)

3.00 dB 16250 kHz

20.0 dB 17750 kHz

60.0 dB 19400 kHz



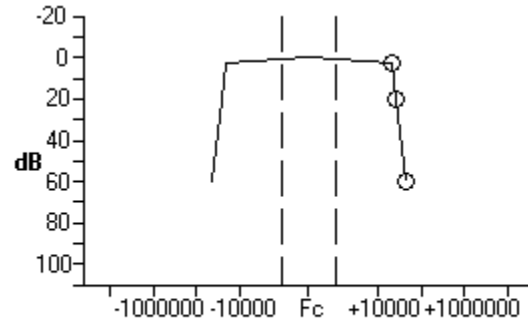
RECEIVER EQUIPMENT CHARACTERISTICS

RF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

| <u>Atten.</u> | <u>Offset (Fo)</u> |
|---------------|--------------------|
| 3.00 dB | 21000 kHz |
| 20.0 dB | 26000 kHz |
| 60.0 dB | 43000 kHz |



FREQUENCIES

Tuning Range: (U) 7750.000 MHz - 8500.000 MHz

Tuning Method: (U) Synthesizer VCO

Tuning Increment: (U) 50.000 kHz

Freq. Stability: (U) 5ppm

EMISSION DESIGNATORS

Em. Designator: (U) 30M0D7W

Sensitivities

Sensitivity: (U) -67.3 dBm

Necessary BW: (U) 30000 kHz

Perf. Value: (U) 0.000001

Noise Figure: (U) 5.40 dB

Noise Temp. (U) 716 K

Spur. Reject (U) 80.0 dB

Intermod. Reject:

Adj. Channel Sel.:

Perf. Crit.: (U) BER - Bit Error Rate

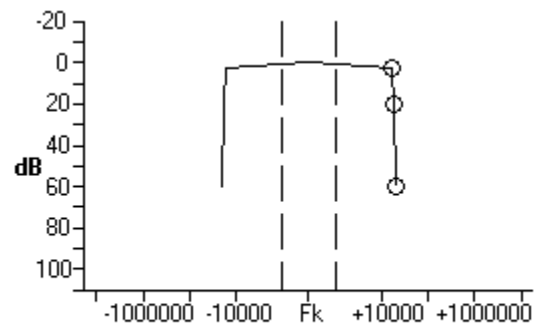
IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

IF Freq. (Fk): 560.0000 MHz

| <u>Atten.</u> | <u>Offset (Fo)</u> |
|---------------|--------------------|
| 3.00 dB | 16250 kHz |
| 20.0 dB | 17750 kHz |
| 60.0 dB | 19400 kHz |



RECEIVER EQUIPMENT CHARACTERISTICS

IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

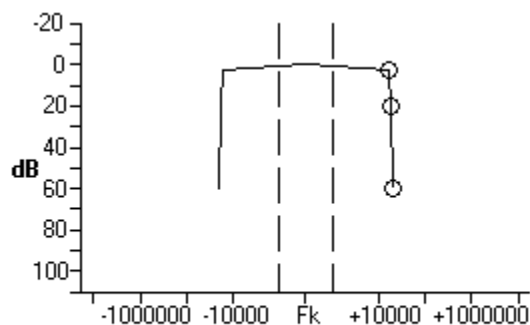
IF Freq. (Fk): 126.0000 MHz

Atten. **Offset (Fo)**

3.00 dB 16250 kHz

20.0 dB 17750 kHz

60.0 dB 19400 kHz



RF SELECTIVITY CURVE

(UNCLASSIFIED)

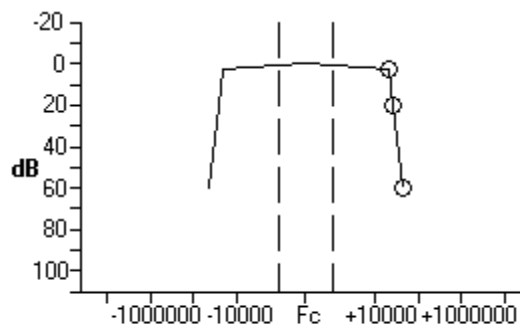
Measured/Calculated: Measured

Atten. **Offset (Fo)**

3.00 dB 21000 kHz

20.0 dB 26000 kHz

60.0 dB 43000 kHz



FREQUENCIES

Tuning Range: (U) 7750.000 MHz - 8500.000 MHz

Tuning Method: (U) Synthesizer VCO

Tuning Increment: (U) 50.000 kHz

Freq. Stability: (U) 5ppm

RECEIVER EQUIPMENT CHARACTERISTICS

EMISSION DESIGNATORS

Em. Designator: (U) 30M0D7W

Sensitivities

Sensitivity: (U) -63.3 dBm

Necessary BW: (U) 30000 kHz

Perf. Value: (U) 0.000001

Noise Figure: (U) 5.40 dB

Noise Temp. (U) 716 K

Spur. Reject (U) 80.0 dB

Intermod. Reject:

Adj. Channel Sel.:

Perf. Crit.: (U) BER - Bit Error Rate

IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

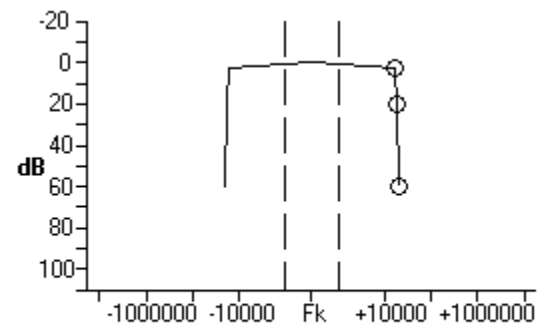
IF Freq. (Fk): 560.0000 MHz

Atten. Offset (Fo)

3.00 dB 16250 kHz

20.0 dB 17750 kHz

60.0 dB 19400 kHz



IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

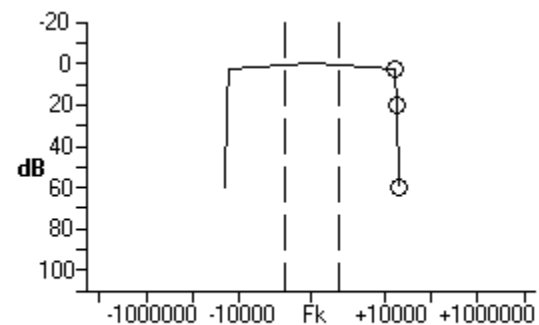
IF Freq. (Fk): 126.0000 MHz

Atten. Offset (Fo)

3.00 dB 16250 kHz

20.0 dB 17750 kHz

60.0 dB 19400 kHz



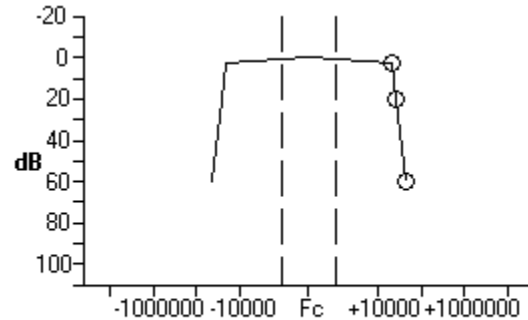
RECEIVER EQUIPMENT CHARACTERISTICS

RF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

| <u>Atten.</u> | <u>Offset (Fo)</u> |
|---------------|--------------------|
| 3.00 dB | 21000 kHz |
| 20.0 dB | 26000 kHz |
| 60.0 dB | 43000 kHz |



FREQUENCIES

Tuning Range: (U) 7750.000 MHz - 8500.000 MHz

Tuning Method: (U) Synthesizer VCO

Tuning Increment: (U) 50.000 kHz

Freq. Stability: (U) 5ppm

EMISSION DESIGNATORS

Em. Designator: (U) 30M0D7W

Sensitivities

Sensitivity: (U) -60.5 dBm

Necessary BW: (U) 30000 kHz

Perf. Value: (U) 0.000001

Noise Figure: (U) 5.40 dB

Noise Temp. (U) 716 K

Spur. Reject (U) 80.0 dB

Intermod. Reject:

Adj. Channel Sel.:

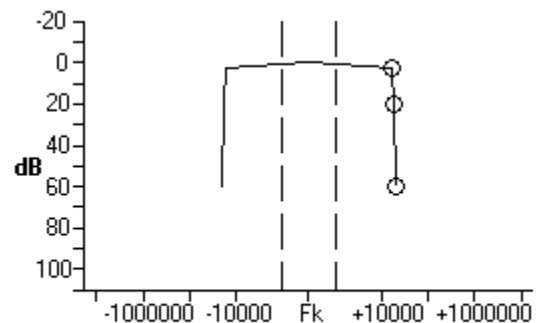
Perf. Crit.: (U) BER - Bit Error Rate

IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

| IF Freq. (Fk): | 560.0000 MHz |
|----------------|--------------------|
| <u>Atten.</u> | <u>Offset (Fo)</u> |
| 3.00 dB | 16250 kHz |
| 20.0 dB | 17750 kHz |
| 60.0 dB | 19400 kHz |



RECEIVER EQUIPMENT CHARACTERISTICS

IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

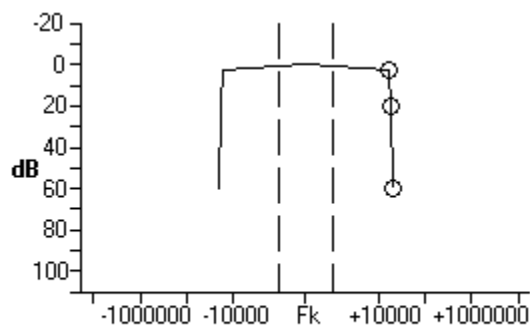
IF Freq. (Fk): 126.0000 MHz

Atten. Offset (Fo)

3.00 dB 16250 kHz

20.0 dB 17750 kHz

60.0 dB 19400 kHz



RF SELECTIVITY CURVE

(UNCLASSIFIED)

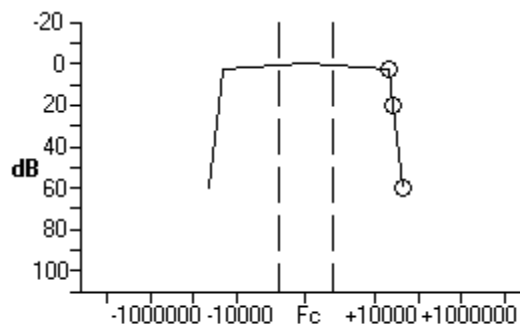
Measured/Calculated: Measured

Atten. Offset (Fo)

3.00 dB 21000 kHz

20.0 dB 26000 kHz

60.0 dB 43000 kHz



FREQUENCIES

Tuning Range: (U) 7750.000 MHz - 8500.000 MHz

Tuning Method: (U) Synthesizer VCO

Tuning Increment: (U) 50.000 kHz

Freq. Stability: (U) 5ppm

RECEIVER EQUIPMENT CHARACTERISTICS

EMISSION DESIGNATORS

Em. Designator: (U) 30M0D7W

Sensitivities

Sensitivity: (U) -56.5 dBm

Necessary BW: (U) 30000 kHz

Perf. Value: (U) 0.000001

Noise Figure: (U) 5.40 dB

Noise Temp. (U) 716 K

Spur. Reject (U) 80.0 dB

Intermod. Reject:

Adj. Channel Sel.:

Perf. Crit.: (U) BER - Bit Error Rate

IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

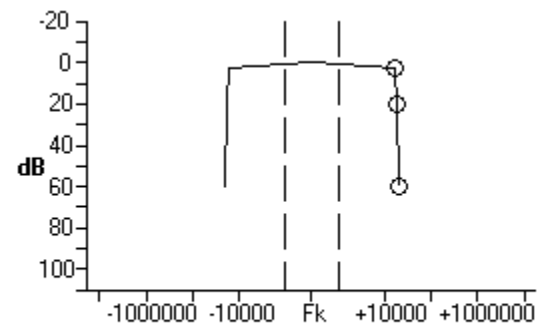
IF Freq. (Fk): 560.0000 MHz

Atten. Offset (Fo)

3.00 dB 16250 kHz

20.0 dB 17750 kHz

60.0 dB 19400 kHz



IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

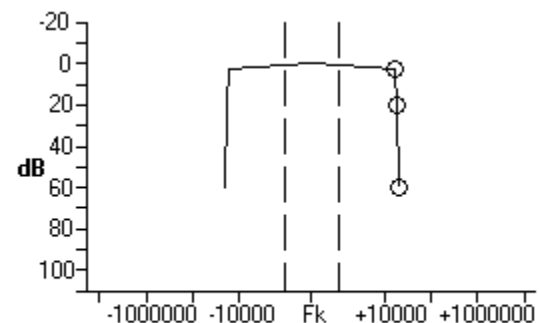
IF Freq. (Fk): 126.0000 MHz

Atten. Offset (Fo)

3.00 dB 16250 kHz

20.0 dB 17750 kHz

60.0 dB 19400 kHz



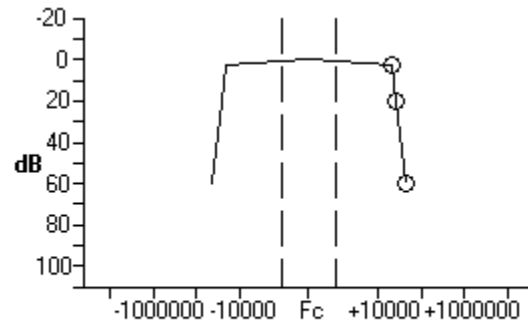
RECEIVER EQUIPMENT CHARACTERISTICS

RF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

| <u>Atten.</u> | <u>Offset (Fo)</u> |
|---------------|--------------------|
| 3.00 dB | 21000 kHz |
| 20.0 dB | 26000 kHz |
| 60.0 dB | 43000 kHz |



FREQUENCIES

Tuning Range: (U) 7750.000 MHz - 8500.000 MHz

Tuning Method: (U) Synthesizer VCO

Tuning Increment: (U) 50.000 kHz

Freq. Stability: (U) 5ppm

EMISSION DESIGNATORS

Em. Designator: (U) 10M0D7W

Sensitivities

Sensitivity: (U) -85.8 dBm

Necessary BW: (U) 10000 kHz

Perf. Value: (U) 0.000001

Noise Figure: (U) 5.40 dB

Noise Temp. (U) 716 K

Spur. Reject (U) 80.0 dB

Intermod. Reject:

Adj. Channel Sel.:

Perf. Crit.: (U) BER - Bit Error Rate

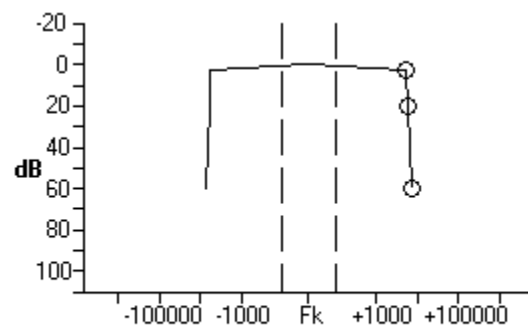
IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

IF Freq. (Fk): 560.0000 MHz

| <u>Atten.</u> | <u>Offset (Fo)</u> |
|---------------|--------------------|
| 3.00 dB | 5550.0 kHz |
| 20.0 dB | 6150.0 kHz |
| 60.0 dB | 7250.0 kHz |



RECEIVER EQUIPMENT CHARACTERISTICS

IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

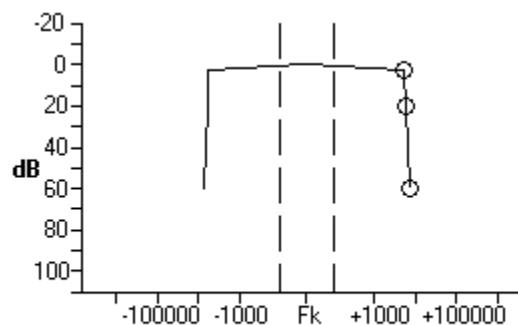
IF Freq. (Fk): 126.0000 MHz

Atten. **Offset (Fo)**

3.00 dB 5550.0 kHz

20.0 dB 6150.0 kHz

60.0 dB 7250.0 kHz



EMISSION DESIGNATORS

Em. Designator: (U) 10M0G7W

Sensitivities

Sensitivity: (U) -93.5 dBm

Necessary BW: (U) 10000 kHz

Perf. Value: (U) 0.000001

Noise Figure: (U) 5.40 dB

Noise Temp. (U) 716 K

Spur. Reject (U) 80.0 dB

Intermod. Reject:

Adj. Channel Sel.:

Perf. Crit.: (U) BER - Bit Error Rate

IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

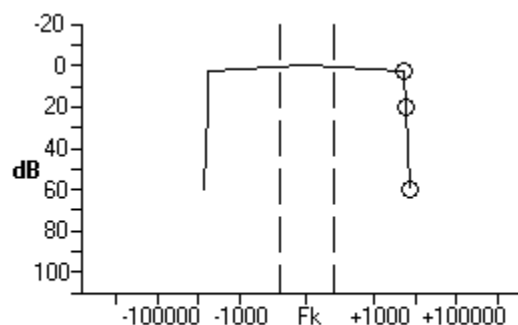
IF Freq. (Fk): 560.0000 MHz

Atten. **Offset (Fo)**

3.00 dB 5550.0 kHz

20.0 dB 6150.0 kHz

60.0 dB 7250.0 kHz



RECEIVER EQUIPMENT CHARACTERISTICS

IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

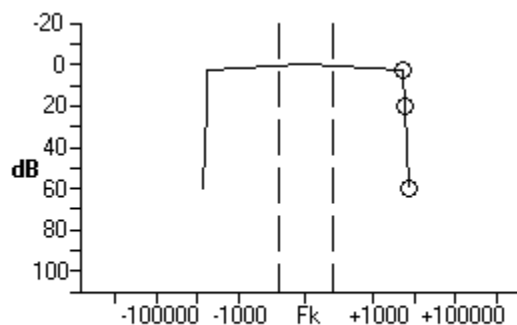
IF Freq. (Fk): 126.0000 MHz

Atten. **Offset (Fo)**

3.00 dB 5550.0 kHz

20.0 dB 6150.0 kHz

60.0 dB 7250.0 kHz



RF SELECTIVITY CURVE

(UNCLASSIFIED)

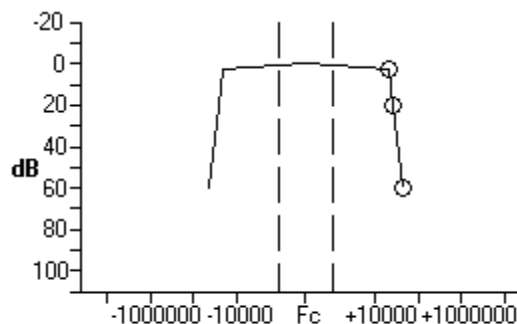
Measured/Calculated: Measured

Atten. **Offset (Fo)**

3.00 dB 21000 kHz

20.0 dB 26000 kHz

60.0 dB 43000 kHz



FREQUENCIES

Tuning Range: (U) 7750.000 MHz - 8500.000 MHz

Tuning Method: (U) Synthesizer VCO

Tuning Increment: (U) 50.000 kHz

Freq. Stability: (U) 5ppm

RECEIVER EQUIPMENT CHARACTERISTICS

EMISSION DESIGNATORS

Em. Designator: (U) 10M0D7W

Sensitivities

Sensitivity: (U) -82.5 dBm

Necessary BW: (U) 10000 kHz

Perf. Value: (U) 0.000001

Noise Figure: (U) 5.40 dB

Noise Temp. (U) 716 K

Spur. Reject (U) 80.0 dB

Intermod. Reject:

Adj. Channel Sel.:

Perf. Crit.: (U) BER - Bit Error Rate

IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

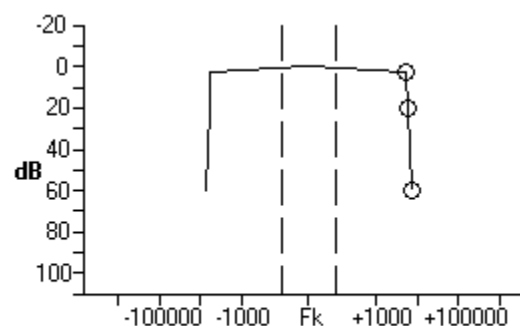
IF Freq. (Fk): 560.0000 MHz

Atten. Offset (Fo)

3.00 dB 5550.0 kHz

20.0 dB 6150.0 kHz

60.0 dB 7250.0 kHz



IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

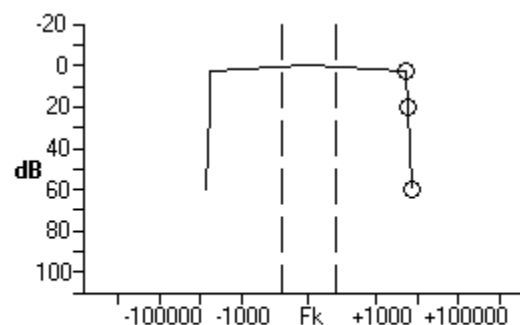
IF Freq. (Fk): 126.0000 MHz

Atten. Offset (Fo)

3.00 dB 5550.0 kHz

20.0 dB 6150.0 kHz

60.0 dB 7250.0 kHz



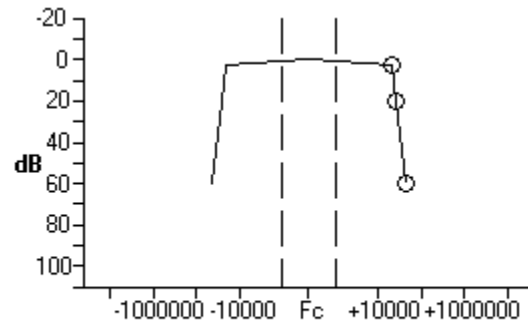
RECEIVER EQUIPMENT CHARACTERISTICS

RF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

| <u>Atten.</u> | <u>Offset (Fo)</u> |
|---------------|--------------------|
| 3.00 dB | 21000 kHz |
| 20.0 dB | 26000 kHz |
| 60.0 dB | 43000 kHz |



FREQUENCIES

Tuning Range: (U) 7750.000 MHz - 8500.000 MHz

Tuning Method: (U) Synthesizer VCO

Tuning Increment: (U) 50.000 kHz

Freq. Stability: (U) 5ppm

EMISSION DESIGNATORS

Em. Designator: (U) 10M0D7W

Sensitivities

Sensitivity: (U) -78.8 dBm

Necessary BW: (U) 10000 kHz

Perf. Value: (U) 0.000001

Noise Figure: (U) 5.40 dB

Noise Temp. (U) 716 K

Spur. Reject (U) 80.0 dB

Intermod. Reject:

Adj. Channel Sel.:

Perf. Crit.: (U) BER - Bit Error Rate

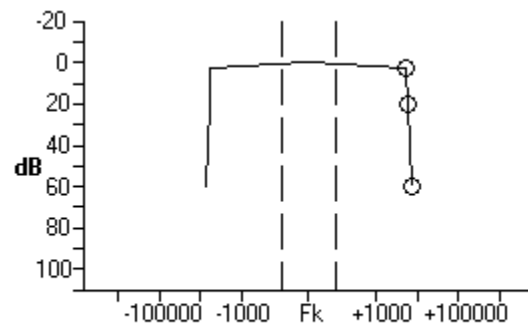
IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

IF Freq. (Fk): 560.0000 MHz

| <u>Atten.</u> | <u>Offset (Fo)</u> |
|---------------|--------------------|
| 3.00 dB | 5550.0 kHz |
| 20.0 dB | 6150.0 kHz |
| 60.0 dB | 7250.0 kHz |



RECEIVER EQUIPMENT CHARACTERISTICS

IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

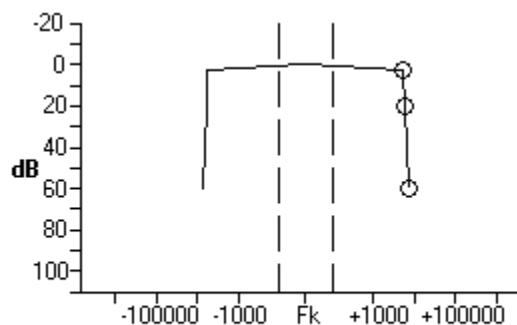
IF Freq. (Fk): 126.0000 MHz

Atten. **Offset (Fo)**

3.00 dB 5550.0 kHz

20.0 dB 6150.0 kHz

60.0 dB 7250.0 kHz



RF SELECTIVITY CURVE

(UNCLASSIFIED)

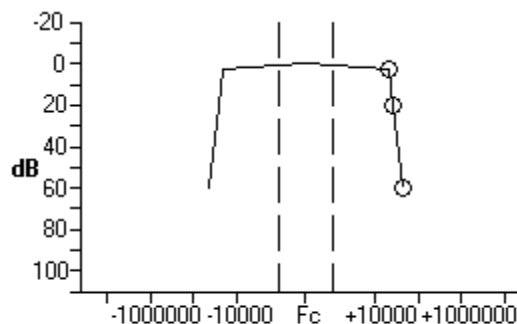
Measured/Calculated: Measured

Atten. **Offset (Fo)**

3.00 dB 21000 kHz

20.0 dB 26000 kHz

60.0 dB 43000 kHz



FREQUENCIES

Tuning Range: (U) 7750.000 MHz - 8500.000 MHz

Tuning Method: (U) Synthesizer VCO

Tuning Increment: (U) 50.000 kHz

Freq. Stability: (U) 5ppm

RECEIVER EQUIPMENT CHARACTERISTICS

EMISSION DESIGNATORS

Em. Designator: (U) 10M0D7W

Sensitivities

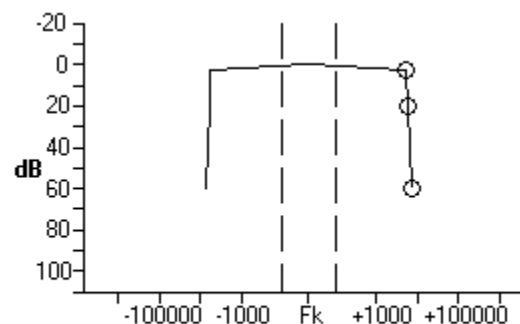
Sensitivity: (U) -76.8 dBm
 Necessary BW: (U) 10000 kHz
 Perf. Value: (U) 0.000001
 Noise Figure: (U) 5.40 dB
 Noise Temp. (U) 716 K
 Spur. Reject (U) 80.0 dB
 Intermod. Reject:
 Adj. Channel Sel.:
 Perf. Crit.: (U) BER - Bit Error Rate

IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

IF Freq. (Fk): 560.0000 MHz
Atten. Offset (Fo)
 3.00 dB 5550.0 kHz
 20.0 dB 6150.0 kHz
 60.0 dB 7250.0 kHz

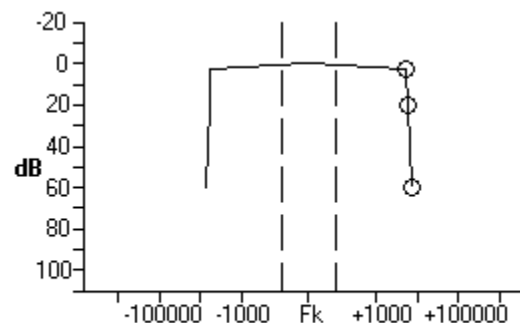


IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

IF Freq. (Fk): 126.0000 MHz
Atten. Offset (Fo)
 3.00 dB 5550.0 kHz
 20.0 dB 6150.0 kHz
 60.0 dB 7250.0 kHz



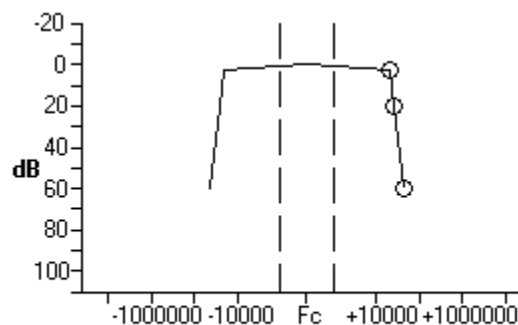
RECEIVER EQUIPMENT CHARACTERISTICS

RF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

| <u>Atten.</u> | <u>Offset (Fo)</u> |
|---------------|--------------------|
| 3.00 dB | 21000 kHz |
| 20.0 dB | 26000 kHz |
| 60.0 dB | 43000 kHz |



FREQUENCIES

Tuning Range: (U) 7750.000 MHz - 8500.000 MHz

Tuning Method: (U) Synthesizer VCO

Tuning Increment: (U) 50.000 kHz

Freq. Stability: (U) 5ppm

EMISSION DESIGNATORS

Em. Designator: (U) 10M0D7W

Sensitivities

Sensitivity: (U) -75.0 dBm
 Necessary BW: (U) 10000 kHz
 Perf. Value: (U) 0.000001
 Noise Figure: (U) 5.40 dB
 Noise Temp. (U) 716 K
 Spur. Reject (U) 80.0 dB
 Intermod. Reject:
 Adj. Channel Sel.:
 Perf. Crit.: (U) BER - Bit Error Rate

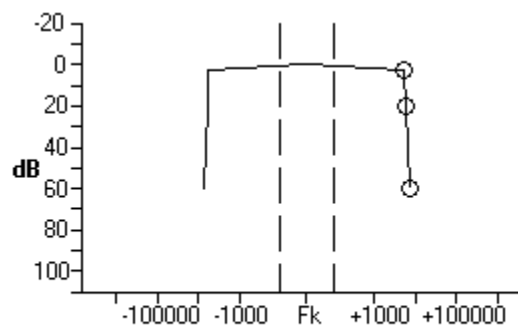
IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

IF Freq. (Fk): 560.0000 MHz

| <u>Atten.</u> | <u>Offset (Fo)</u> |
|---------------|--------------------|
| 3.00 dB | 5550.0 kHz |
| 20.0 dB | 6150.0 kHz |
| 60.0 dB | 7250.0 kHz |



RECEIVER EQUIPMENT CHARACTERISTICS

IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

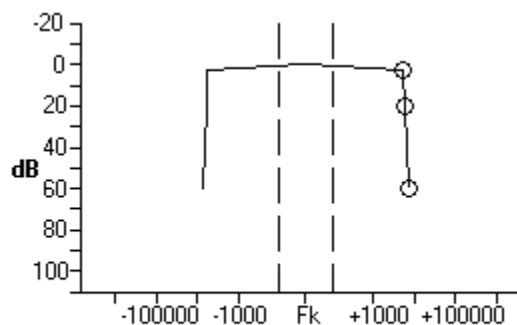
IF Freq. (Fk): 126.0000 MHz

Atten. **Offset (Fo)**

3.00 dB 5550.0 kHz

20.0 dB 6150.0 kHz

60.0 dB 7250.0 kHz



RF SELECTIVITY CURVE

(UNCLASSIFIED)

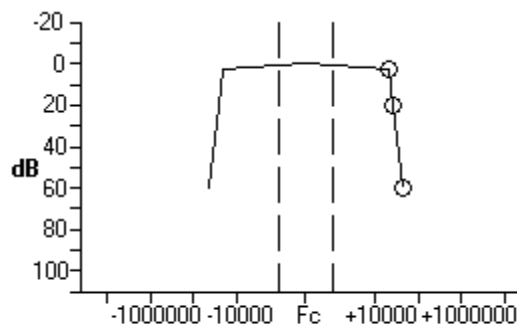
Measured/Calculated: Measured

Atten. **Offset (Fo)**

3.00 dB 21000 kHz

20.0 dB 26000 kHz

60.0 dB 43000 kHz



FREQUENCIES

Tuning Range: (U) 7750.000 MHz - 8500.000 MHz

Tuning Method: (U) Synthesizer VCO

Tuning Increment: (U) 50.000 kHz

Freq. Stability: (U) 5ppm

RECEIVER EQUIPMENT CHARACTERISTICS

EMISSION DESIGNATORS

Em. Designator: (U) 10M0D7W

Sensitivities

Sensitivity: (U) -70.5 dBm

Necessary BW: (U) 10000 kHz

Perf. Value: (U) 0.000001

Noise Figure: (U) 5.40 dB

Noise Temp. (U) 716 K

Spur. Reject (U) 80.0 dB

Intermod. Reject:

Adj. Channel Sel.:

Perf. Crit.: (U) BER - Bit Error Rate

IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

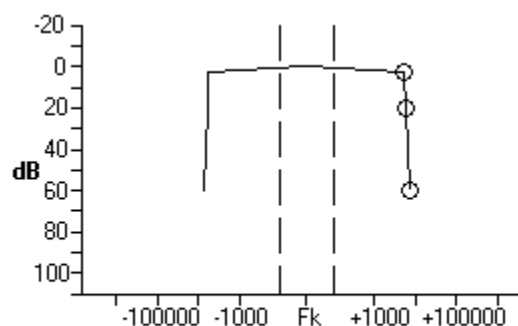
IF Freq. (Fk): 560.0000 MHz

Atten. **Offset (Fo)**

3.00 dB 5550.0 kHz

20.0 dB 6150.0 kHz

60.0 dB 7250.0 kHz



IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

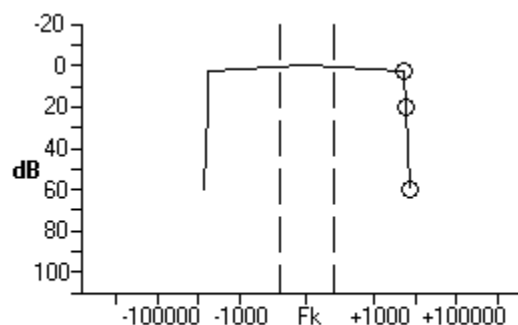
IF Freq. (Fk): 126.0000 MHz

Atten. **Offset (Fo)**

3.00 dB 5550.0 kHz

20.0 dB 6150.0 kHz

60.0 dB 7250.0 kHz



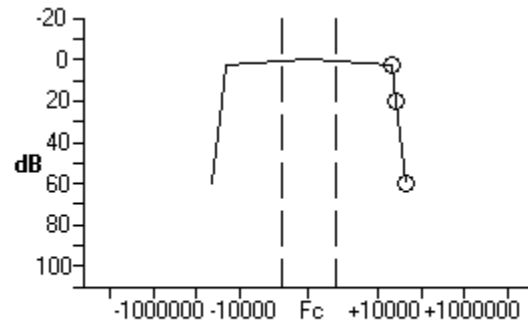
RECEIVER EQUIPMENT CHARACTERISTICS

RF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

| <u>Atten.</u> | <u>Offset (Fo)</u> |
|---------------|--------------------|
| 3.00 dB | 21000 kHz |
| 20.0 dB | 26000 kHz |
| 60.0 dB | 43000 kHz |



FREQUENCIES

Tuning Range: (U) 7750.000 MHz - 8500.000 MHz

Tuning Method: (U) Synthesizer VCO

Tuning Increment: (U) 50.000 kHz

Freq. Stability: (U) 5ppm

EMISSION DESIGNATORS

Em. Designator: (U) 10M0D7W

Sensitivities

Sensitivity: (U) -67.5 dBm

Necessary BW: (U) 10000 kHz

Perf. Value: (U) 0.000001

Noise Figure: (U) 5.40 dB

Noise Temp. (U) 716 K

Spur. Reject (U) 80.0 dB

Intermod. Reject:

Adj. Channel Sel.:

Perf. Crit.: (U) BER - Bit Error Rate

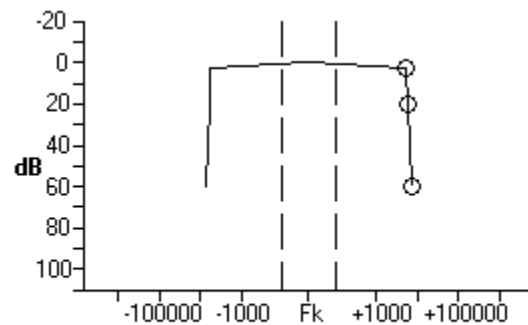
IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

IF Freq. (Fk): 560.0000 MHz

| <u>Atten.</u> | <u>Offset (Fo)</u> |
|---------------|--------------------|
| 3.00 dB | 5550.0 kHz |
| 20.0 dB | 6150.0 kHz |
| 60.0 dB | 7250.0 kHz |



RECEIVER EQUIPMENT CHARACTERISTICS

IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

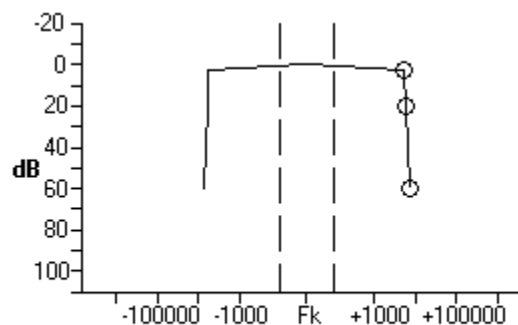
IF Freq. (Fk): 126.0000 MHz

Atten. **Offset (Fo)**

3.00 dB 5550.0 kHz

20.0 dB 6150.0 kHz

60.0 dB 7250.0 kHz



RF SELECTIVITY CURVE

(UNCLASSIFIED)

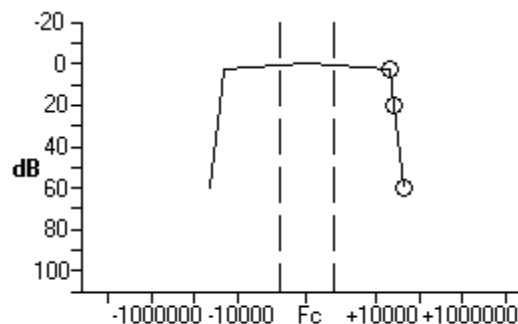
Measured/Calculated: Measured

Atten. **Offset (Fo)**

3.00 dB 21000 kHz

20.0 dB 26000 kHz

60.0 dB 43000 kHz



FREQUENCIES

Tuning Range: (U) 7750.000 MHz - 8500.000 MHz

Tuning Method: (U) Synthesizer VCO

Tuning Increment: (U) 50.000 kHz

Freq. Stability: (U) 5ppm

RECEIVER EQUIPMENT CHARACTERISTICS

EMISSION DESIGNATORS

Em. Designator: (U) 60M0D7W

Sensitivities

Sensitivity: (U) -53.5 dBm

Necessary BW: (U) 60000 kHz

Perf. Value: (U) 0.000001

Noise Figure: (U) 5.40 dB

Noise Temp. (U) 716 K

Spur. Reject (U) 80.0 dB

Intermod. Reject:

Adj. Channel Sel.:

Perf. Crit.: (U) BER - Bit Error Rate

IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

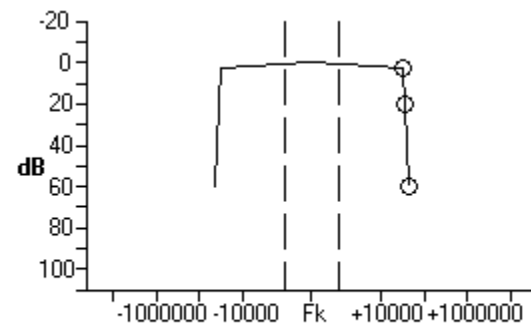
IF Freq. (Fk): 560.0000 MHz

Atten. Offset (Fo)

3.00 dB 32800 kHz

20.0 dB 36550 kHz

60.0 dB 43500 kHz



IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

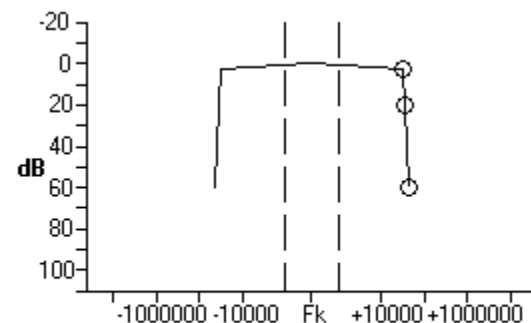
IF Freq. (Fk): 126.0000 MHz

Atten. Offset (Fo)

3.00 dB 32800 kHz

20.0 dB 36550 kHz

60.0 dB 43500 kHz



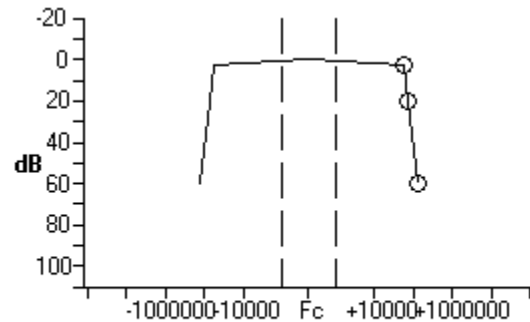
RECEIVER EQUIPMENT CHARACTERISTICS

RF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

| <u>Atten.</u> | <u>Offset (Fo)</u> |
|---------------|--------------------|
| 3.00 dB | 55000 kHz |
| 20.0 dB | 74000 kHz |
| 60.0 dB | 125000 kHz |



FREQUENCIES

Tuning Range: (U) 7750.000 MHz - 8500.000 MHz

Tuning Method: (U) Synthesizer VCO

Tuning Increment: (U) 50.000 kHz

Freq. Stability: (U) 5ppm

EMISSION DESIGNATORS

Em. Designator: (U) 60M0D7W

Sensitivities

Sensitivity: (U) -57.5 dBm

Necessary BW: (U) 60000 kHz

Perf. Value: (U) 0.000001

Noise Figure: (U) 5.40 dB

Noise Temp. (U) 716 K

Spur. Reject (U) 80.0 dB

Intermod. Reject:

Adj. Channel Sel.:

Perf. Crit.: (U) BER - Bit Error Rate

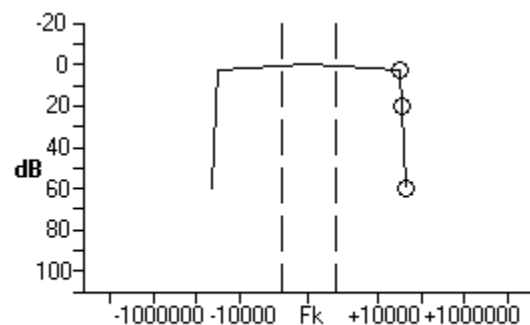
IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

IF Freq. (Fk): 560.0000 MHz

| <u>Atten.</u> | <u>Offset (Fo)</u> |
|---------------|--------------------|
| 3.00 dB | 32800 kHz |
| 20.0 dB | 36550 kHz |
| 60.0 dB | 43500 kHz |



RECEIVER EQUIPMENT CHARACTERISTICS

IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

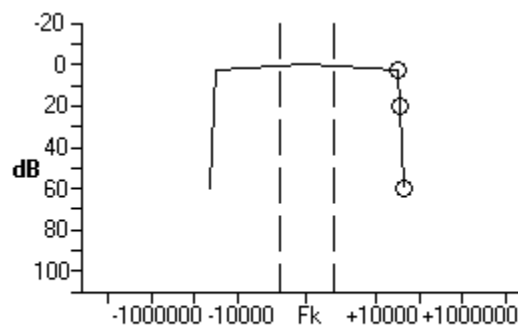
IF Freq. (Fk): 126.0000 MHz

Atten. **Offset (Fo)**

3.00 dB 32800 kHz

20.0 dB 36550 kHz

60.0 dB 43500 kHz



RF SELECTIVITY CURVE

(UNCLASSIFIED)

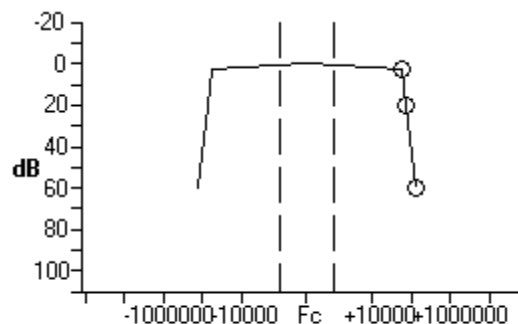
Measured/Calculated: Measured

Atten. **Offset (Fo)**

3.00 dB 55000 kHz

20.0 dB 74000 kHz

60.0 dB 125000 kHz



FREQUENCIES

Tuning Range: (U) 7750.000 MHz - 8500.000 MHz

Tuning Method: (U) Synthesizer VCO

Tuning Increment: (U) 50.000 kHz

Freq. Stability: (U) 5ppm

RECEIVER EQUIPMENT CHARACTERISTICS

EMISSION DESIGNATORS

Em. Designator: (U) 60M0D7W

Sensitivities

Sensitivity: (U) -60.0 dBm

Necessary BW: (U) 60000 kHz

Perf. Value: (U) 0.000001

Noise Figure: (U) 5.40 dB

Noise Temp. (U) 716 K

Spur. Reject (U) 80.0 dB

Intermod. Reject:

Adj. Channel Sel.:

Perf. Crit.: (U) BER - Bit Error Rate

IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

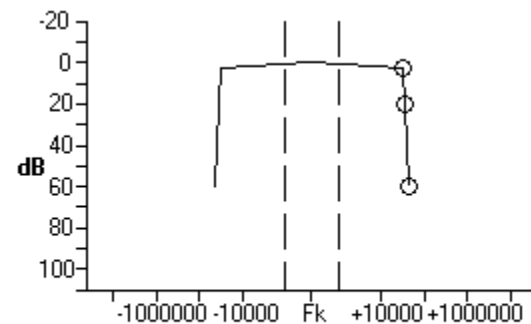
IF Freq. (Fk): 560.0000 MHz

Atten. Offset (Fo)

3.00 dB 32800 kHz

20.0 dB 36550 kHz

60.0 dB 43500 kHz



IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

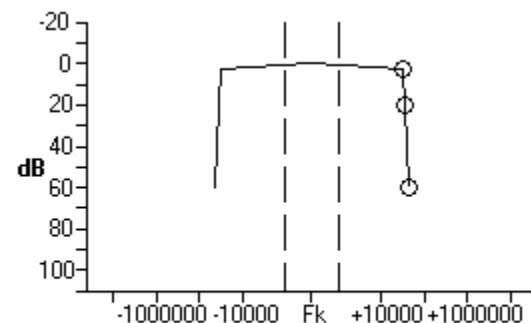
IF Freq. (Fk): 126.0000 MHz

Atten. Offset (Fo)

3.00 dB 32800 kHz

20.0 dB 36550 kHz

60.0 dB 43500 kHz



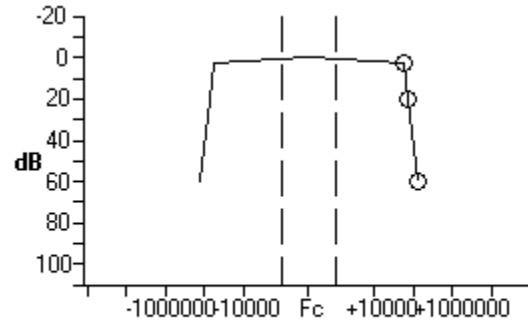
RECEIVER EQUIPMENT CHARACTERISTICS

RF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

| <u>Atten.</u> | <u>Offset (Fo)</u> |
|---------------|--------------------|
| 3.00 dB | 55000 kHz |
| 20.0 dB | 74000 kHz |
| 60.0 dB | 125000 kHz |



FREQUENCIES

Tuning Range: (U) 7750.000 MHz - 8500.000 MHz

Tuning Method: (U) Synthesizer VCO

Tuning Increment: (U) 50.000 kHz

Freq. Stability: (U) 5ppm

EMISSION DESIGNATORS

Em. Designator: (U) 60M0D7W

Sensitivities

Sensitivity: (U) -63.8 dBm

Necessary BW: (U) 60000 kHz

Perf. Value: (U) 0.000001

Noise Figure: (U) 5.40 dB

Noise Temp. (U) 716 K

Spur. Reject (U) 80.0 dB

Intermod. Reject:

Adj. Channel Sel.:

Perf. Crit.: (U) BER - Bit Error Rate

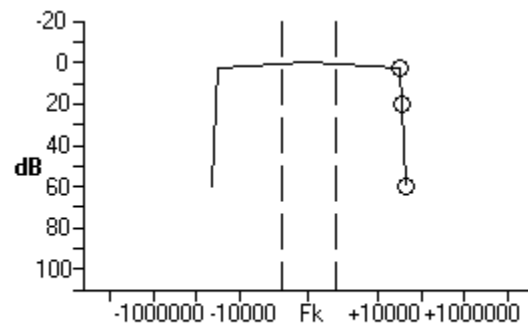
IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

IF Freq. (Fk): 560.0000 MHz

| <u>Atten.</u> | <u>Offset (Fo)</u> |
|---------------|--------------------|
| 3.00 dB | 32800 kHz |
| 20.0 dB | 36550 kHz |
| 60.0 dB | 43500 kHz |



RECEIVER EQUIPMENT CHARACTERISTICS

IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

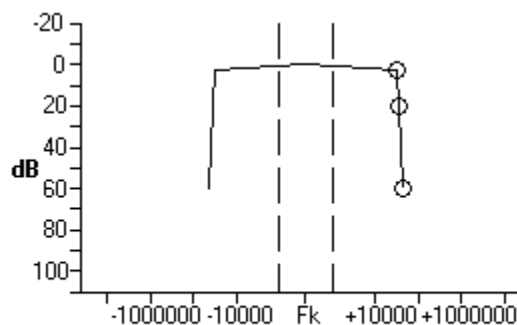
IF Freq. (Fk): 126.0000 MHz

Atten. **Offset (Fo)**

3.00 dB 32800 kHz

20.0 dB 36550 kHz

60.0 dB 43500 kHz



RF SELECTIVITY CURVE

(UNCLASSIFIED)

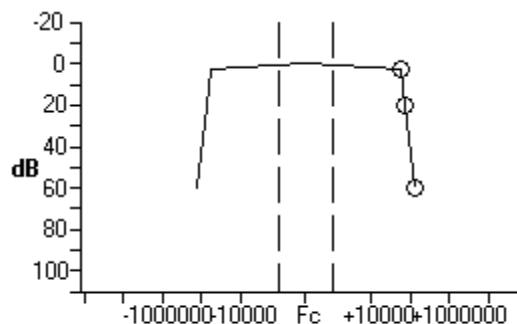
Measured/Calculated: Measured

Atten. **Offset (Fo)**

3.00 dB 55000 kHz

20.0 dB 74000 kHz

60.0 dB 125000 kHz



FREQUENCIES

Tuning Range: (U) 7750.000 MHz - 8500.000 MHz

Tuning Method: (U) Synthesizer VCO

Tuning Increment: (U) 50.000 kHz

Freq. Stability: (U) 5ppm

RECEIVER EQUIPMENT CHARACTERISTICS

EMISSION DESIGNATORS

Em. Designator: (U) 60M0D7W

Sensitivities

Sensitivity: (U) -67.3 dBm

Necessary BW: (U) 60000 kHz

Perf. Value: (U) 0.000001

Noise Figure: (U) 5.40 dB

Noise Temp. (U) 716 K

Spur. Reject (U) 80.0 dB

Intermod. Reject:

Adj. Channel Sel.:

Perf. Crit.: (U) BER - Bit Error Rate

IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

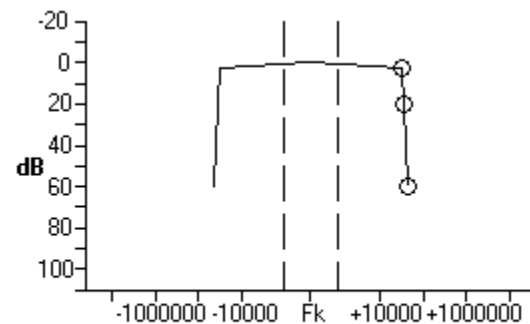
IF Freq. (Fk): 560.0000 MHz

Atten. **Offset (Fo)**

3.00 dB 32800 kHz

20.0 dB 36550 kHz

60.0 dB 43500 kHz



IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

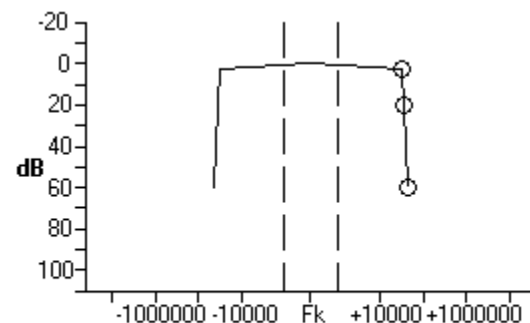
IF Freq. (Fk): 126.0000 MHz

Atten. **Offset (Fo)**

3.00 dB 32800 kHz

20.0 dB 36550 kHz

60.0 dB 43500 kHz



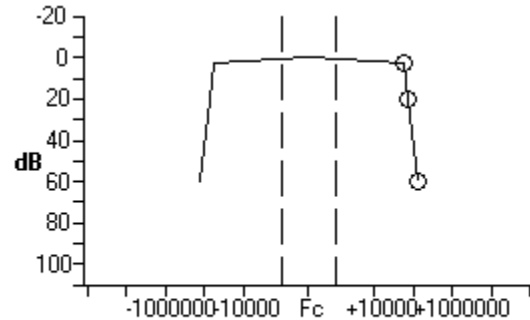
RECEIVER EQUIPMENT CHARACTERISTICS

RF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

| <u>Atten.</u> | <u>Offset (Fo)</u> |
|---------------|--------------------|
| 3.00 dB | 55000 kHz |
| 20.0 dB | 74000 kHz |
| 60.0 dB | 125000 kHz |



FREQUENCIES

Tuning Range: (U) 7750.000 MHz - 8500.000 MHz

Tuning Method: (U) Synthesizer VCO

Tuning Increment: (U) 50.000 kHz

Freq. Stability: (U) 5ppm

EMISSION DESIGNATORS

Em. Designator: (U) 60M0D7W

Sensitivities

Sensitivity: (U) -70.3 dBm
 Necessary BW: (U) 60000 kHz
 Perf. Value: (U) 0.000001
 Noise Figure: (U) 5.40 dB
 Noise Temp. (U) 716 K
 Spur. Reject (U) 80.0 dB
 Intermod. Reject:
 Adj. Channel Sel.:
 Perf. Crit.: (U) BER - Bit Error Rate

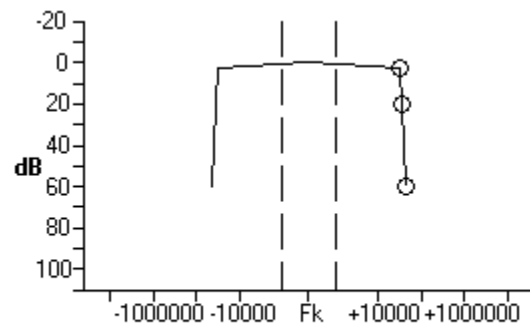
IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

IF Freq. (Fk): 560.0000 MHz

| <u>Atten.</u> | <u>Offset (Fo)</u> |
|---------------|--------------------|
| 3.00 dB | 32800 kHz |
| 20.0 dB | 36550 kHz |
| 60.0 dB | 43500 kHz |



RECEIVER EQUIPMENT CHARACTERISTICS

IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

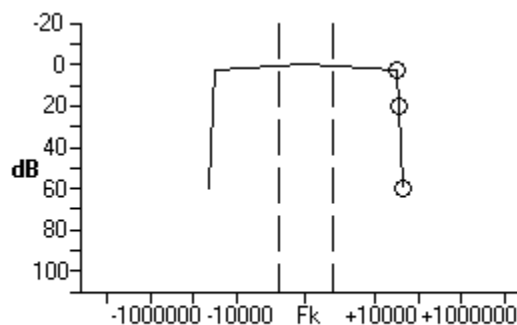
IF Freq. (Fk): 126.0000 MHz

Atten. **Offset (Fo)**

3.00 dB 32800 kHz

20.0 dB 36550 kHz

60.0 dB 43500 kHz



RF SELECTIVITY CURVE

(UNCLASSIFIED)

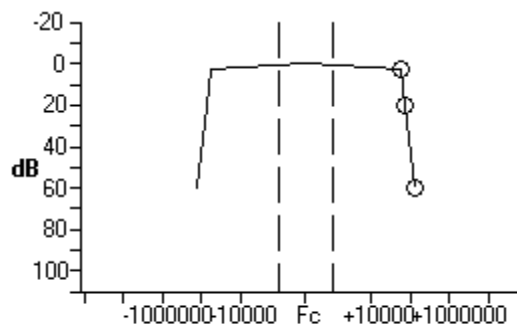
Measured/Calculated: Measured

Atten. **Offset (Fo)**

3.00 dB 55000 kHz

20.0 dB 74000 kHz

60.0 dB 125000 kHz



FREQUENCIES

Tuning Range: (U) 7750.000 MHz - 8500.000 MHz

Tuning Method: (U) Synthesizer VCO

Tuning Increment: (U) 50.000 kHz

Freq. Stability: (U) 5ppm

RECEIVER EQUIPMENT CHARACTERISTICS

EMISSION DESIGNATORS

Em. Designator: (U) 60M0D7W

Sensitivities

Sensitivity: (U) -72.3 dBm

Necessary BW: (U) 60000 kHz

Perf. Value: (U) 0.000001

Noise Figure: (U) 5.40 dB

Noise Temp. (U) 716 K

Spur. Reject (U) 80.0 dB

Intermod. Reject:

Adj. Channel Sel.:

Perf. Crit.: (U) BER - Bit Error Rate

IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

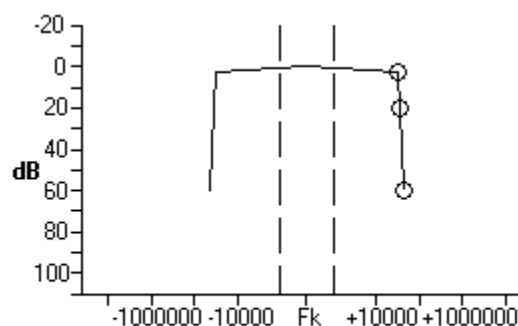
IF Freq. (Fk): 560.0000 MHz

Atten. Offset (Fo)

3.00 dB 32800 kHz

20.0 dB 36550 kHz

60.0 dB 43500 kHz



IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

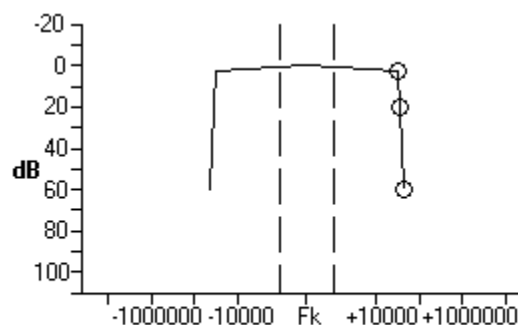
IF Freq. (Fk): 126.0000 MHz

Atten. Offset (Fo)

3.00 dB 32800 kHz

20.0 dB 36550 kHz

60.0 dB 43500 kHz



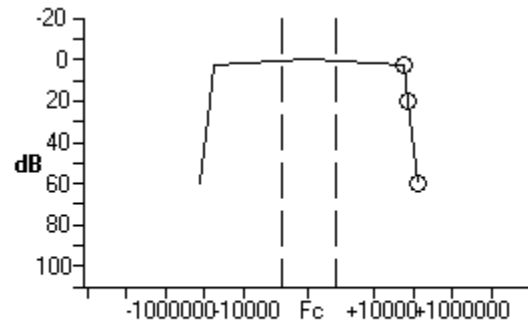
RECEIVER EQUIPMENT CHARACTERISTICS

RF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

| <u>Atten.</u> | <u>Offset (Fo)</u> |
|---------------|--------------------|
| 3.00 dB | 55000 kHz |
| 20.0 dB | 74000 kHz |
| 60.0 dB | 125000 kHz |



FREQUENCIES

Tuning Range: (U) 7750.000 MHz - 8500.000 MHz

Tuning Method: (U) Synthesizer VCO

Tuning Increment: (U) 50.000 kHz

Freq. Stability: (U) 5ppm

EMISSION DESIGNATORS

Em. Designator: (U) 60M0D7W

Sensitivities

Sensitivity: (U) -74.8 dBm
 Necessary BW: (U) 60000 kHz
 Perf. Value: (U) 0.000001
 Noise Figure: (U) 5.40 dB
 Noise Temp. (U) 716 K
 Spur. Reject (U) 80.0 dB
 Intermod. Reject:
 Adj. Channel Sel.:
 Perf. Crit.: (U) BER - Bit Error Rate

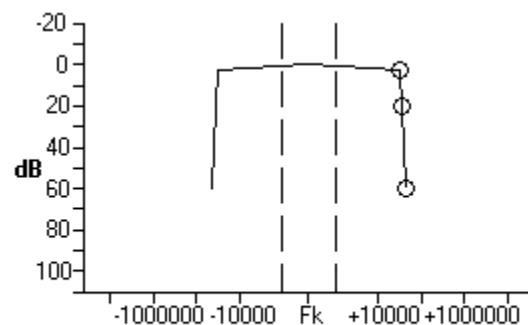
IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

IF Freq. (Fk): 560.0000 MHz

| <u>Atten.</u> | <u>Offset (Fo)</u> |
|---------------|--------------------|
| 3.00 dB | 32800 kHz |
| 20.0 dB | 36550 kHz |
| 60.0 dB | 43500 kHz |



RECEIVER EQUIPMENT CHARACTERISTICS

IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

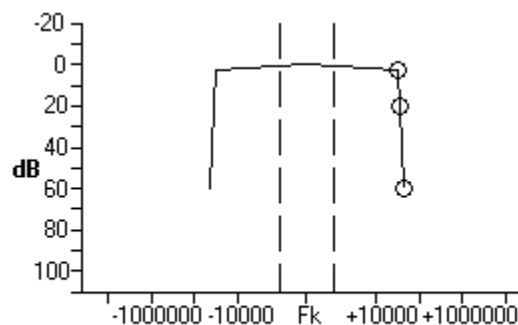
IF Freq. (Fk): 126.0000 MHz

Atten. **Offset (Fo)**

3.00 dB 32800 kHz

20.0 dB 36550 kHz

60.0 dB 43500 kHz



RF SELECTIVITY CURVE

(UNCLASSIFIED)

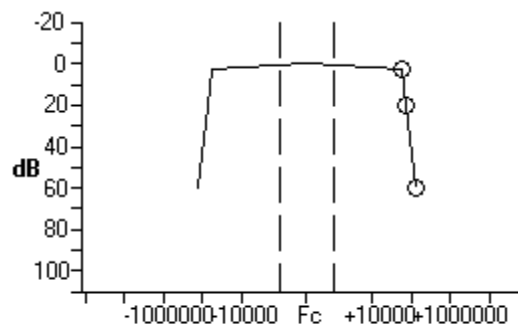
Measured/Calculated: Measured

Atten. **Offset (Fo)**

3.00 dB 55000 kHz

20.0 dB 74000 kHz

60.0 dB 125000 kHz



FREQUENCIES

Tuning Range: (U) 7750.000 MHz - 8500.000 MHz

Tuning Method: (U) Synthesizer VCO

Tuning Increment: (U) 50.000 kHz

Freq. Stability: (U) 5ppm

RECEIVER EQUIPMENT CHARACTERISTICS

EMISSION DESIGNATORS

Em. Designator: (U) 60M0D7W

Sensitivities

Sensitivity: (U) -78.5 dBm

Necessary BW: (U) 60000 kHz

Perf. Value: (U) 0.000001

Noise Figure: (U) 5.40 dB

Noise Temp. (U) 716 K

Spur. Reject (U) 80.0 dB

Intermod. Reject:

Adj. Channel Sel.:

Perf. Crit.: (U) BER - Bit Error Rate

IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

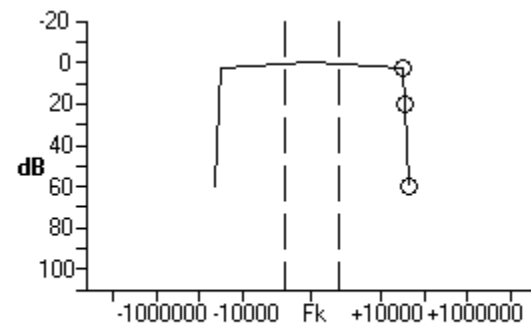
IF Freq. (Fk): 560.0000 MHz

Atten. **Offset (Fo)**

3.00 dB 32800 kHz

20.0 dB 36550 kHz

60.0 dB 43500 kHz



IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

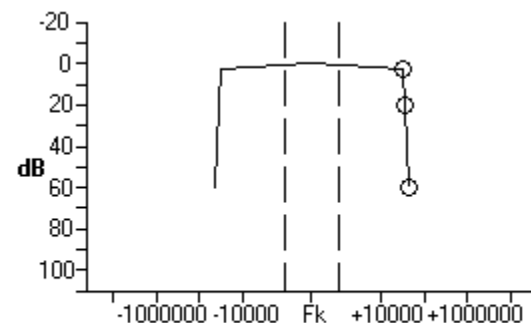
IF Freq. (Fk): 126.0000 MHz

Atten. **Offset (Fo)**

3.00 dB 32800 kHz

20.0 dB 36550 kHz

60.0 dB 43500 kHz



RECEIVER EQUIPMENT CHARACTERISTICS

EMISSION DESIGNATORS

Em. Designator: (U) 60M0G7W

Sensitivities

Sensitivity: (U) -85.5 dBm

Necessary BW: (U) 60000 kHz

Perf. Value: (U) 0.000001

Noise Figure: (U) 5.40 dB

Noise Temp. (U) 716 K

Spur. Reject (U) 80.0 dB

Intermod. Reject:

Adj. Channel Sel.:

Perf. Crit.: (U) BER - Bit Error Rate

IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

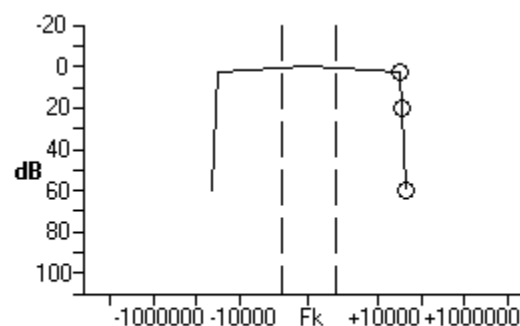
IF Freq. (Fk): 560.0000 MHz

Atten. Offset (Fo)

3.00 dB 32800 kHz

20.0 dB 36550 kHz

60.0 dB 43500 kHz



IF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

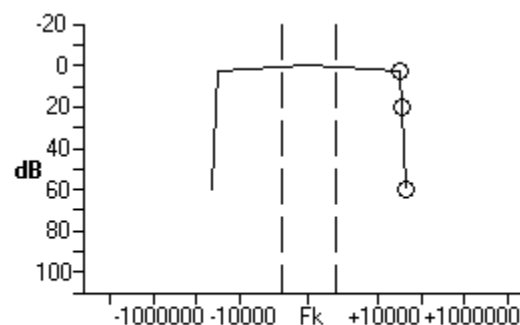
IF Freq. (Fk): 126.0000 MHz

Atten. Offset (Fo)

3.00 dB 32800 kHz

20.0 dB 36550 kHz

60.0 dB 43500 kHz



RECEIVER EQUIPMENT CHARACTERISTICS

RF SELECTIVITY CURVE

(UNCLASSIFIED)

Measured/Calculated: Measured

Atten.

3.00 dB

20.0 dB

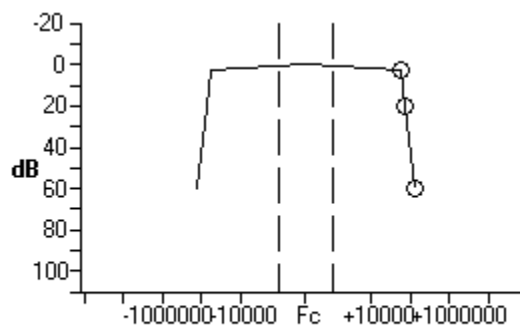
60.0 dB

Offset (Fo)

55000 kHz

74000 kHz

125000 kHz



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| CLASSIFICATION UNCLASSIFIED | | PAGE 101 |
| ANTENNA EQUIPMENT CHARACTERISTICS | | |
| Nomenclature: (U) 6 ft DP UHP WB Hi-XPD Dish | | Manufacturer: (U) ANDREW CORP |
| NTIA Approval Status: (U) Unapproved | | Coordination ID: J/F 12 |
| Date of Import: 9/3/2019 4:11:36 PM (GMT) | | Date/Time Last Mod.: 7/5/2019 5:00:50 PM (GMT) |
| Model Name: (U) USX6-7W | | Antenna Type: (U) Parabolic Reflector |
| Antenna Category: Aperture | | |
| FREQUENCIES | | |
| Lower Frequency Limit: (U) 7125.000 MHz Upper Frequency Limit: (U) 8500.000 MHz | | |
| ANTENNA CHARACTERISTICS | | |
| Polarization: (U) Horizontal and Vertical | | Atten. Rel/Act: (U) Relative dB |
| | | |
| Dish Diameter: (U) 1.80 m | | |
| BEAMWIDTH | | |
| Horizontal: (U) 1.50 degrees | | Vertical: (U) 1.50 degrees |
| SCAN CHARACTERISTICS | | |
| Horizontal Scan Type: (U) Fixed | | Horizontal Scan Rate: |
| Vertical Scan Type: (U) Fixed | | Vertical Scan Rate: |
| GAIN | | |
| Main Beam: (U) 40.6 dBi | | 1st Horz. Side Lobe Atten.: (U) 56.0 dB |
| | | 1st Ver. Side Lobe Atten.: (U) 75.0 dB |
| | | 1st Horz. Pos.: (U) 30.0 degrees |
| | | 1st Vert. Pos.: (U) 90.0 degrees |
| | | Gain Fr. to Bk.: (U) 75.0 dB |
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| CLASSIFICATION UNCLASSIFIED | | |

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| CLASSIFICATION UNCLASSIFIED | | PAGE 102 | |
| ANTENNA EQUIPMENT CHARACTERISTICS | | | |
| Nomenclature: (U) 6 ft DP HP WB Hi-XPB Dish | | Manufacturer: (U) ANDREW CORP | |
| NTIA Approval Status: (U) Unapproved | | Coordination ID: J/F 12 | |
| Date of Import: 9/3/2019 4:11:36 PM (GMT) | | Date/Time Last Mod.: 7/5/2019 5:00:50 PM (GMT) | |
| Model Name: (U) HX6-7W | | Antenna Type: (U) Aperture | |
| Antenna Category: Aperture | | | |
| FREQUENCIES | | | |
| Lower Frequency Limit: (U) 7125.000 MHz Upper Frequency Limit: (U) 8500.000 MHz | | | |
| ANTENNA CHARACTERISTICS | | | |
| Polarization: (U) Horizontal and Vertical | | Atten. Rel/Act: (U) Relative dB | |
| | | | |
| Dish Diameter: (U) 1.80 m | | | |
| BEAMWIDTH | | | |
| Horizontal: (U) 1.50 degrees | | Vertical: (U) 1.50 degrees | |
| SCAN CHARACTERISTICS | | | |
| Horizontal Scan Type: (U) Fixed | | Horizontal Scan Rate: | |
| Vertical Scan Type: (U) Fixed | | Vertical Scan Rate: | |
| GAIN | | | |
| Main Beam: (U) 40.8 dBi | | 1st Horz. Side Lobe Atten.: (U) 12.0 dB | |
| | | 1st Ver. Side Lobe Atten.: (U) 13.0 dB | |
| | | 1st Horz. Pos.: (U) 1.80 degrees | |
| | | 1st Vert. Pos.: (U) 1.80 degrees | |
| | | Gain Fr. to Bk.: (U) 72.0 dB | |
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| CLASSIFICATION UNCLASSIFIED | | | |

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| CLASSIFICATION UNCLASSIFIED | | PAGE 103 |
| ANTENNA EQUIPMENT CHARACTERISTICS | | |
| Nomenclature: (U) 4 ft SP HP WB LP | | Manufacturer: (U) ANDREW CORP |
| NTIA Approval Status: (U) Unapproved | | Coordination ID: J/F 12 |
| Date of Import: 9/3/2019 4:11:36 PM (GMT) | | Date/Time Last Mod.: 7/5/2019 5:00:50 PM (GMT) |
| Model Name: (U) VHLP4-7W | | Antenna Type: (U) Aperture |
| Antenna Category: Aperture | | |
| FREQUENCIES | | |
| Lower Frequency Limit: (U) 7125.000 MHz Upper Frequency Limit: (U) 8500.000 MHz | | |
| ANTENNA CHARACTERISTICS | | |
| Polarization: (U) Horizontal and Vertical | | Atten. Rel/Act: (U) Relative dB |
| | | |
| Dish Diameter: (U) 1.20 m | | |
| BEAMWIDTH | | |
| Horizontal: (U) 2.20 degrees | | Vertical: (U) 2.20 degrees |
| SCAN CHARACTERISTICS | | |
| Horizontal Scan Type: (U) Fixed | | Horizontal Scan Rate: |
| Vertical Scan Type: (U) Fixed | | Vertical Scan Rate: |
| GAIN | | |
| Main Beam: (U) 37.4 dBi | | 1st Horz. Side Lobe Atten.: (U) 16.0 dB |
| | | 1st Ver. Side Lobe Atten.: (U) 13.0 dB |
| | | 1st Horz. Pos.: (U) 2.55 degrees |
| | | 1st Vert. Pos.: (U) 2.40 degrees |
| | | Gain Fr. to Bk.: (U) 63.0 dB |
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| CLASSIFICATION UNCLASSIFIED | | |

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| CLASSIFICATION UNCLASSIFIED | | PAGE 104 |
| ANTENNA EQUIPMENT CHARACTERISTICS | | |
| Nomenclature: (U) 12 ft SP STD WB Dish | | Manufacturer: (U) ANDREW CORP |
| NTIA Approval Status: (U) Unapproved | | Coordination ID: J/F 12 |
| Date of Import: 9/3/2019 4:11:36 PM (GMT) | | Date/Time Last Mod.: 7/5/2019 5:00:50 PM (GMT) |
| Model Name: (U) PL12-71W | | Antenna Type: (U) Parabolic Reflector |
| Antenna Category: Aperture | | |
| FREQUENCIES | | |
| Lower Frequency Limit: (U) 7125.000 MHz Upper Frequency Limit: (U) 8500.000 MHz | | |
| ANTENNA CHARACTERISTICS | | |
| Polarization: (U) Horizontal and Vertical | | Atten. Rel/Act: (U) Relative dB |
| | | |
| Dish Diameter: (U) 3.70 m | | |
| BEAMWIDTH | | |
| Horizontal: (U) 0.700 degrees | | Vertical: (U) 0.700 degrees |
| SCAN CHARACTERISTICS | | |
| Horizontal Scan Type: (U) Fixed | | Horizontal Scan Rate: |
| Vertical Scan Type: (U) Fixed | | Vertical Scan Rate: |
| GAIN | | |
| Main Beam: (U) 46.3 dBi | | 1st Horz. Side Lobe Atten.: (U) 23.0 dB |
| | | 1st Ver. Side Lobe Atten.: (U) 23.0 dB |
| | | 1st Horz. Pos.: (U) 1.20 degrees |
| | | 1st Vert. Pos.: (U) 1.30 degrees |
| | | Gain Fr. to Bk.: (U) 58.0 dB |
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| CLASSIFICATION UNCLASSIFIED | | |

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| CLASSIFICATION UNCLASSIFIED | | PAGE 105 | |
| ANTENNA EQUIPMENT CHARACTERISTICS | | | |
| Nomenclature: (U) 12 ft DP HP WB Dish | | Manufacturer: (U) ANDREW CORP | |
| NTIA Approval Status: (U) Unapproved | | Coordination ID: J/F 12 | |
| Date of Import: 9/3/2019 4:11:36 PM (GMT) | | Date/Time Last Mod.: 7/5/2019 5:00:50 PM (GMT) | |
| Model Name: (U) HPX12-71W | | Antenna Type: (U) Parabolic Reflector | |
| Antenna Category: Aperture | | | |
| FREQUENCIES | | | |
| Lower Frequency Limit: (U) 7125.000 MHz Upper Frequency Limit: (U) 8500.000 MHz | | | |
| ANTENNA CHARACTERISTICS | | | |
| Polarization: (U) Horizontal and Vertical | | Atten. Rel/Act: (U) Relative dB | |
| | | | |
| Dish Diameter: (U) 3.70 m | | | |
| BEAMWIDTH | | | |
| Horizontal: (U) 0.800 degrees | | Vertical: (U) 0.800 degrees | |
| SCAN CHARACTERISTICS | | | |
| Horizontal Scan Type: (U) Fixed | | Horizontal Scan Rate: | |
| Vertical Scan Type: (U) Fixed | | Vertical Scan Rate: | |
| GAIN | | | |
| Main Beam: (U) 46.7 dBi | | 1st Horz. Side Lobe Atten.: (U) 23.0 dB | |
| | | 1st Ver. Side Lobe Atten.: (U) 23.0 dB | |
| | | 1st Horz. Pos.: (U) 1.50 degrees | |
| | | 1st Vert. Pos.: (U) 1.00 degrees | |
| | | Gain Fr. to Bk.: (U) 70.0 dB | |
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| CLASSIFICATION UNCLASSIFIED | | | |

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| CLASSIFICATION UNCLASSIFIED | | PAGE 106 |
| ANTENNA EQUIPMENT CHARACTERISTICS | | |
| Nomenclature: (U) 12 ft SP HP WB Dish | | Manufacturer: (U) ANDREW CORP |
| NTIA Approval Status: (U) Unapproved | | Coordination ID: J/F 12 |
| Date of Import: 9/3/2019 4:11:36 PM (GMT) | | Date/Time Last Mod.: 7/5/2019 5:00:50 PM (GMT) |
| Model Name: (U) HP12-71W | | Antenna Type: (U) Parabolic Reflector |
| Antenna Category: Aperture | | |
| FREQUENCIES | | |
| Lower Frequency Limit: (U) 7125.000 MHz Upper Frequency Limit: (U) 8500.000 MHz | | |
| ANTENNA CHARACTERISTICS | | |
| Polarization: (U) Horizontal and Vertical | | Atten. Rel/Act: (U) Relative dB |
| | | |
| Dish Diameter: (U) 3.70 m | | |
| BEAMWIDTH | | |
| Horizontal: (U) 0.700 degrees | | Vertical: (U) 0.700 degrees |
| SCAN CHARACTERISTICS | | |
| Horizontal Scan Type: (U) Fixed | | Horizontal Scan Rate: |
| Vertical Scan Type: (U) Fixed | | Vertical Scan Rate: |
| GAIN | | |
| Main Beam: (U) 46.3 dBi | | 1st Horz. Side Lobe Atten.: (U) 25.1 dB |
| | | 1st Ver. Side Lobe Atten.: (U) 25.1 dB |
| | | 1st Horz. Pos.: (U) 1.42 degrees |
| | | 1st Vert. Pos.: (U) 1.50 degrees |
| | | Gain Fr. to Bk.: (U) 71.0 dB |
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| CLASSIFICATION UNCLASSIFIED | | |

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| CLASSIFICATION UNCLASSIFIED | | PAGE 107 |
| ANTENNA EQUIPMENT CHARACTERISTICS | | |
| Nomenclature: (U) 10 ft SP STD WB Dish | | Manufacturer: (U) ANDREW CORP |
| NTIA Approval Status: (U) Unapproved | | Coordination ID: J/F 12 |
| Date of Import: 9/3/2019 4:11:36 PM (GMT) | | Date/Time Last Mod.: 7/5/2019 5:00:50 PM (GMT) |
| Model Name: (U) PL10-71W | | Antenna Type: (U) Parabolic Reflector |
| Antenna Category: Aperture | | |
| FREQUENCIES | | |
| Lower Frequency Limit: (U) 7125.000 MHz Upper Frequency Limit: (U) 8500.000 MHz | | |
| ANTENNA CHARACTERISTICS | | |
| Polarization: (U) Horizontal and Vertical | | Atten. Rel/Act: (U) Relative dB |
| | | |
| Dish Diameter: (U) 3.00 m | | |
| BEAMWIDTH | | |
| Horizontal: (U) 0.900 degrees | | Vertical: (U) 0.900 degrees |
| SCAN CHARACTERISTICS | | |
| Horizontal Scan Type: (U) Fixed | | Horizontal Scan Rate: |
| Vertical Scan Type: (U) Fixed | | Vertical Scan Rate: |
| GAIN | | |
| Main Beam: (U) 44.8 dBi | | 1st Horz. Side Lobe Atten.: (U) 40.0 dB |
| | | 1st Ver. Side Lobe Atten.: (U) 33.0 dB |
| | | 1st Horz. Pos.: (U) 7.50 degrees |
| | | 1st Vert. Pos.: (U) 4.00 degrees |
| | | Gain Fr. to Bk.: (U) 55.0 dB |
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| CLASSIFICATION UNCLASSIFIED | | |

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| CLASSIFICATION UNCLASSIFIED | | PAGE 108 |
| ANTENNA EQUIPMENT CHARACTERISTICS | | |
| Nomenclature: (U) 10 ft DP HP WB Dish | | Manufacturer: (U) ANDREW CORP |
| NTIA Approval Status: (U) Unapproved | | Coordination ID: J/F 12 |
| Date of Import: 9/3/2019 4:11:36 PM (GMT) | | Date/Time Last Mod.: 7/5/2019 5:00:50 PM (GMT) |
| Model Name: (U) HPX10-71W | | Antenna Type: (U) Parabolic Reflector |
| Antenna Category: Aperture | | |
| FREQUENCIES | | |
| Lower Frequency Limit: (U) 7125.000 MHz Upper Frequency Limit: (U) 8500.000 MHz | | |
| ANTENNA CHARACTERISTICS | | |
| Polarization: (U) Horizontal and Vertical | | Atten. Rel/Act: (U) Relative dB |
| | | |
| Dish Diameter: (U) 3.00 m | | |
| BEAMWIDTH | | |
| Horizontal: (U) 0.900 degrees | | Vertical: (U) 0.900 degrees |
| SCAN CHARACTERISTICS | | |
| Horizontal Scan Type: (U) Fixed | | Horizontal Scan Rate: |
| Vertical Scan Type: (U) Fixed | | Vertical Scan Rate: |
| GAIN | | |
| Main Beam: (U) 44.9 dBi | | 1st Horz. Side Lobe Atten.: (U) 23.0 dB |
| | | 1st Ver. Side Lobe Atten.: (U) 25.0 dB |
| | | 1st Horz. Pos.: (U) 1.50 degrees |
| | | 1st Vert. Pos.: (U) 1.50 degrees |
| | | Gain Fr. to Bk.: (U) 70.0 dB |
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| CLASSIFICATION UNCLASSIFIED | | |

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| CLASSIFICATION UNCLASSIFIED | | PAGE 109 |
| ANTENNA EQUIPMENT CHARACTERISTICS | | |
| Nomenclature: (U) 10 ft SP HP WB | | Manufacturer: (U) ANDREW CORP |
| NTIA Approval Status: (U) Unapproved | | Coordination ID: J/F 12 |
| Date of Import: 9/3/2019 4:11:36 PM (GMT) | | Date/Time Last Mod.: 7/5/2019 5:00:50 PM (GMT) |
| Model Name: (U) HP10-71W | | Antenna Type: (U) Parabolic Reflector |
| Antenna Category: Aperture | | |
| FREQUENCIES | | |
| Lower Frequency Limit: (U) 7125.000 MHz Upper Frequency Limit: (U) 8500.000 MHz | | |
| ANTENNA CHARACTERISTICS | | |
| Polarization: (U) Horizontal and Vertical | | Atten. Rel/Act: (U) Relative dB |
| | | |
| Dish Diameter: (U) 3.00 m | | |
| BEAMWIDTH | | |
| Horizontal: (U) 0.900 degrees | | Vertical: (U) 0.900 degrees |
| SCAN CHARACTERISTICS | | |
| Horizontal Scan Type: (U) Fixed | | Horizontal Scan Rate: |
| Vertical Scan Type: (U) Fixed | | Vertical Scan Rate: |
| GAIN | | |
| Main Beam: (U) 44.8 dBi | | 1st Horz. Side Lobe Atten.: (U) 39.1 dB |
| | | 1st Ver. Side Lobe Atten.: (U) 31.1 dB |
| | | 1st Horz. Pos.: (U) 8.17 degrees |
| | | 1st Vert. Pos.: (U) 5.17 degrees |
| | | Gain Fr. to Bk.: (U) 70.0 dB |
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| CLASSIFICATION UNCLASSIFIED | | |

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| CLASSIFICATION UNCLASSIFIED | | PAGE 110 |
| ANTENNA EQUIPMENT CHARACTERISTICS | | |
| Nomenclature: (U) 8 ft SP STD WB Dish | Manufacturer: (U) ANDREW CORP | |
| NTIA Approval Status: (U) Unapproved | Coordination ID: J/F 12 | |
| Date of Import: 9/3/2019 4:11:36 PM (GMT) | Date/Time Last Mod.: 7/5/2019 5:00:50 PM (GMT) | |
| Model Name: (U) PL8-71W | Antenna Type: (U) Parabolic Reflector | |
| Antenna Category: Aperture | | |
| FREQUENCIES | | |
| Lower Frequency Limit: (U) 7125.000 MHz Upper Frequency Limit: (U) 8500.000 MHz | | |
| ANTENNA CHARACTERISTICS | | |
| Polarization: (U) Horizontal and Vertical | Atten. Rel/Act: (U) Relative dB | |
| | | |
| Dish Diameter: (U) 2.40 m | | |
| BEAMWIDTH | | |
| Horizontal: (U) 1.10 degrees | Vertical: (U) 1.10 degrees | |
| SCAN CHARACTERISTICS | | |
| Horizontal Scan Type: (U) Fixed | Horizontal Scan Rate: | |
| Vertical Scan Type: (U) Fixed | Vertical Scan Rate: | |
| GAIN | | |
| Main Beam: (U) 42.9 dBi | 1st Horz. Side Lobe Atten.: (U) 38.0 dB | |
| | 1st Ver. Side Lobe Atten.: (U) 36.9 dB | |
| | 1st Horz. Pos.: (U) 7.80 degrees | |
| | 1st Vert. Pos.: (U) 15.0 degrees | |
| | Gain Fr. to Bk.: (U) 52.0 dB | |
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| CLASSIFICATION UNCLASSIFIED | | |

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| CLASSIFICATION UNCLASSIFIED | | PAGE 111 |
| ANTENNA EQUIPMENT CHARACTERISTICS | | |
| Nomenclature: (U) 8 ft DP HP WB Dish | | Manufacturer: (U) ANDREW CORP |
| NTIA Approval Status: (U) Unapproved | | Coordination ID: J/F 12 |
| Date of Import: 9/3/2019 4:11:36 PM (GMT) | | Date/Time Last Mod.: 7/5/2019 5:00:50 PM (GMT) |
| Model Name: (U) HPX8-71W | | Antenna Type: (U) Parabolic Reflector |
| Antenna Category: Aperture | | |
| FREQUENCIES | | |
| Lower Frequency Limit: (U) 7125.000 MHz Upper Frequency Limit: (U) 8500.000 MHz | | |
| ANTENNA CHARACTERISTICS | | |
| Polarization: (U) Horizontal and Vertical | | Atten. Rel/Act: (U) Relative dB |
| | | |
| Dish Diameter: (U) 2.40 m | | |
| BEAMWIDTH | | |
| Horizontal: (U) 1.20 degrees | | Vertical: (U) 1.20 degrees |
| SCAN CHARACTERISTICS | | |
| Horizontal Scan Type: (U) Fixed | | Horizontal Scan Rate: |
| Vertical Scan Type: (U) Fixed | | Vertical Scan Rate: |
| GAIN | | |
| Main Beam: (U) 42.9 dBi | | 1st Horz. Side Lobe Atten.: (U) 31.0 dB |
| | | 1st Ver. Side Lobe Atten.: (U) 23.0 dB |
| | | 1st Horz. Pos.: (U) 5.00 degrees |
| | | 1st Vert. Pos.: (U) 3.00 degrees |
| | | Gain Fr. to Bk.: (U) 67.0 dB |
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| CLASSIFICATION UNCLASSIFIED | | |

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| CLASSIFICATION UNCLASSIFIED | | PAGE 112 | |
| ANTENNA EQUIPMENT CHARACTERISTICS | | | |
| Nomenclature: (U) 8 ft SP HP WB Dish | | Manufacturer: (U) ANDREW CORP | |
| NTIA Approval Status: (U) Unapproved | | Coordination ID: J/F 12 | |
| Date of Import: 9/3/2019 4:11:36 PM (GMT) | | Date/Time Last Mod.: 7/5/2019 5:00:50 PM (GMT) | |
| Model Name: (U) HP8-71W | | Antenna Type: (U) Parabolic Reflector | |
| Antenna Category: Aperture | | | |
| FREQUENCIES | | | |
| Lower Frequency Limit: (U) 7125.000 MHz Upper Frequency Limit: (U) 8500.000 MHz | | | |
| ANTENNA CHARACTERISTICS | | | |
| Polarization: (U) Horizontal and Vertical | | Atten. Rel/Act: (U) Relative dB | |
| | | | |
| Dish Diameter: (U) 2.40 m | | | |
| BEAMWIDTH | | | |
| Horizontal: (U) 1.10 degrees | | Vertical: (U) 1.10 degrees | |
| SCAN CHARACTERISTICS | | | |
| Horizontal Scan Type: (U) Fixed | | Horizontal Scan Rate: | |
| Vertical Scan Type: (U) Fixed | | Vertical Scan Rate: | |
| GAIN | | | |
| Main Beam: (U) 42.9 dBi | | 1st Horz. Side Lobe Atten.: (U) 24.9 dB | |
| | | 1st Ver. Side Lobe Atten.: (U) 25.1 dB | |
| | | 1st Horz. Pos.: (U) 1.42 degrees | |
| | | 1st Vert. Pos.: (U) 1.42 degrees | |
| | | Gain Fr. to Bk.: (U) 68.0 dB | |
| | | | |
| CLASSIFICATION UNCLASSIFIED | | | |

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| CLASSIFICATION UNCLASSIFIED | | PAGE 113 |
| ANTENNA EQUIPMENT CHARACTERISTICS | | |
| Nomenclature: (U) 6 ft DP HP WB LP Dish | | Manufacturer: (U) ANDREW CORP |
| NTIA Approval Status: (U) Unapproved | | Coordination ID: J/F 12 |
| Date of Import: 9/3/2019 4:11:36 PM (GMT) | | Date/Time Last Mod.: 7/5/2019 5:00:50 PM (GMT) |
| Model Name: (U) VHLPX6-7W | | Antenna Type: (U) Aperture |
| Antenna Category: Aperture | | |
| FREQUENCIES | | |
| Lower Frequency Limit: (U) 7125.000 MHz Upper Frequency Limit: (U) 8500.000 MHz | | |
| ANTENNA CHARACTERISTICS | | |
| Polarization: (U) Horizontal and Vertical | | Atten. Rel/Act: (U) Relative dB |
| | | |
| Dish Diameter: (U) 1.80 m | | |
| BEAMWIDTH | | |
| Horizontal: (U) 1.30 degrees | | Vertical: (U) 1.30 degrees |
| SCAN CHARACTERISTICS | | |
| Horizontal Scan Type: (U) Fixed | | Horizontal Scan Rate: |
| Vertical Scan Type: (U) Fixed | | Vertical Scan Rate: |
| GAIN | | |
| Main Beam: (U) 40.8 dBi | | 1st Horz. Side Lobe Atten.: (U) 15.0 dB |
| | | 1st Ver. Side Lobe Atten.: (U) 15.0 dB |
| | | 1st Horz. Pos.: (U) 1.70 degrees |
| | | 1st Vert. Pos.: (U) 1.70 degrees |
| | | Gain Fr. to Bk.: (U) 67.0 dB |
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| CLASSIFICATION UNCLASSIFIED | | |

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| CLASSIFICATION UNCLASSIFIED | | PAGE 114 |
| ANTENNA EQUIPMENT CHARACTERISTICS | | |
| Nomenclature: (U) 6 ft SP HP WB LP | | Manufacturer: (U) ANDREW CORP |
| NTIA Approval Status: (U) Unapproved | | Coordination ID: J/F 12 |
| Date of Import: 9/3/2019 4:11:36 PM (GMT) | | Date/Time Last Mod.: 7/5/2019 5:00:50 PM (GMT) |
| Model Name: (U) VHLP6-7W | | Antenna Type: (U) Aperture |
| Antenna Category: Aperture | | |
| FREQUENCIES | | |
| Lower Frequency Limit: (U) 7125.000 MHz Upper Frequency Limit: (U) 8500.000 MHz | | |
| ANTENNA CHARACTERISTICS | | |
| Polarization: (U) Horizontal and Vertical | | Atten. Rel/Act: (U) Relative dB |
| | | |
| Dish Diameter: (U) 1.80 m | | |
| BEAMWIDTH | | |
| Horizontal: (U) 1.50 degrees | | Vertical: (U) 1.50 degrees |
| SCAN CHARACTERISTICS | | |
| Horizontal Scan Type: (U) Fixed | | Horizontal Scan Rate: |
| Vertical Scan Type: (U) Fixed | | Vertical Scan Rate: |
| GAIN | | |
| Main Beam: (U) 40.8 dBi | | 1st Horz. Side Lobe Atten.: (U) 15.0 dB |
| | | 1st Ver. Side Lobe Atten.: (U) 15.0 dB |
| | | 1st Horz. Pos.: (U) 1.70 degrees |
| | | 1st Vert. Pos.: (U) 1.70 degrees |
| | | Gain Fr. to Bk.: (U) 67.0 dB |
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| CLASSIFICATION UNCLASSIFIED | | |

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| CLASSIFICATION UNCLASSIFIED | | PAGE 115 |
| ANTENNA EQUIPMENT CHARACTERISTICS | | |
| Nomenclature: (U) 4 ft DP HP WB LP | | Manufacturer: (U) ANDREW CORP |
| NTIA Approval Status: (U) Unapproved | | Coordination ID: J/F 12 |
| Date of Import: 9/3/2019 4:11:36 PM (GMT) | | Date/Time Last Mod.: 7/5/2019 5:00:50 PM (GMT) |
| Model Name: (U) VHLPX4-7W | | Antenna Type: (U) Aperture |
| Antenna Category: Aperture | | |
| FREQUENCIES | | |
| Lower Frequency Limit: (U) 7125.000 MHz Upper Frequency Limit: (U) 8500.000 MHz | | |
| ANTENNA CHARACTERISTICS | | |
| Polarization: (U) Horizontal and Vertical | | Atten. Rel/Act: (U) Relative dB |
| | | |
| Dish Diameter: (U) 1.20 m | | |
| BEAMWIDTH | | |
| Horizontal: (U) 2.20 degrees | | Vertical: (U) 2.20 degrees |
| SCAN CHARACTERISTICS | | |
| Horizontal Scan Type: (U) Fixed | | Horizontal Scan Rate: |
| Vertical Scan Type: (U) Fixed | | Vertical Scan Rate: |
| GAIN | | |
| Main Beam: (U) 37.4 dBi | | 1st Horz. Side Lobe Atten.: (U) 16.0 dB |
| | | 1st Ver. Side Lobe Atten.: (U) 13.0 dB |
| | | 1st Horz. Pos.: (U) 2.55 degrees |
| | | 1st Vert. Pos.: (U) 2.40 degrees |
| | | Gain Fr. to Bk.: (U) 63.0 dB |
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| CLASSIFICATION UNCLASSIFIED | | |

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| CLASSIFICATION UNCLASSIFIED | | PAGE 116 |
| ANTENNA EQUIPMENT CHARACTERISTICS | | |
| Nomenclature: (U) 4 ft DP HP WB Dish | | Manufacturer: (U) ANDREW CORP |
| NTIA Approval Status: (U) Unapproved | | Coordination ID: J/F 12 |
| Date of Import: 9/3/2019 4:11:36 PM (GMT) | | Date/Time Last Mod.: 7/5/2019 5:00:50 PM (GMT) |
| Model Name: (U) HPX4-71W | | Antenna Type: (U) Parabolic Reflector |
| Antenna Category: Aperture | | |
| FREQUENCIES | | |
| Lower Frequency Limit: (U) 7125.000 MHz Upper Frequency Limit: (U) 8500.000 MHz | | |
| ANTENNA CHARACTERISTICS | | |
| Polarization: (U) Horizontal and Vertical | | Atten. Rel/Act: (U) Relative dB |
| | | |
| Dish Diameter: (U) 1.20 m | | |
| BEAMWIDTH | | |
| Horizontal: (U) 2.20 degrees | | Vertical: (U) 2.20 degrees |
| SCAN CHARACTERISTICS | | |
| Horizontal Scan Type: (U) Fixed | | Horizontal Scan Rate: |
| Vertical Scan Type: (U) Fixed | | Vertical Scan Rate: |
| GAIN | | |
| Main Beam: (U) 36.7 dBi | | 1st Horz. Side Lobe Atten.: (U) 19.0 dB |
| | | 1st Ver. Side Lobe Atten.: (U) 19.0 dB |
| | | 1st Horz. Pos.: (U) 2.80 degrees |
| | | 1st Vert. Pos.: (U) 2.80 degrees |
| | | Gain Fr. to Bk.: (U) 62.0 dB |
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| CLASSIFICATION UNCLASSIFIED | | |

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| CLASSIFICATION UNCLASSIFIED | | PAGE 117 |
| ANTENNA EQUIPMENT CHARACTERISTICS | | |
| Nomenclature: (U) 4 Ft SP HP WB Dish | | Manufacturer: (U) ANDREW CORP |
| NTIA Approval Status: (U) Unapproved | | Coordination ID: J/F 12 |
| Date of Import: 9/3/2019 4:11:36 PM (GMT) | | Date/Time Last Mod.: 7/5/2019 5:00:50 PM (GMT) |
| Model Name: (U) HP4-71W | | Antenna Type: (U) Parabolic Reflector |
| Antenna Category: Aperture | | |
| FREQUENCIES | | |
| Lower Frequency Limit: (U) 7125.000 MHz Upper Frequency Limit: (U) 8500.000 MHz | | |
| ANTENNA CHARACTERISTICS | | |
| Polarization: (U) Horizontal and Vertical | | Atten. Rel/Act: (U) Relative dB |
| | | |
| Dish Diameter: (U) 1.20 m | | |
| BEAMWIDTH | | |
| Horizontal: (U) 2.40 degrees | | Vertical: (U) 2.40 degrees |
| SCAN CHARACTERISTICS | | |
| Horizontal Scan Type: (U) Fixed | | Horizontal Scan Rate: |
| Vertical Scan Type: (U) Fixed | | Vertical Scan Rate: |
| GAIN | | |
| Main Beam: (U) 36.6 dBi | | 1st Horz. Side Lobe Atten.: (U) 18.0 dB |
| | | 1st Ver. Side Lobe Atten.: (U) 22.0 dB |
| | | 1st Horz. Pos.: (U) 2.70 degrees |
| | | 1st Vert. Pos.: (U) 5.00 degrees |
| | | Gain Fr. to Bk.: (U) 60.0 dB |
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| CLASSIFICATION UNCLASSIFIED | | |

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| CLASSIFICATION UNCLASSIFIED | | PAGE 118 |
| ANTENNA EQUIPMENT CHARACTERISTICS | | |
| Nomenclature: (U) 4 ft Sentinel HP SP 7G | | Manufacturer: (U) ANDREW CORP |
| NTIA Approval Status: (U) Unapproved | | Coordination ID: J/F 12 |
| Date of Import: 9/3/2019 4:11:36 PM (GMT) | | Date/Time Last Mod.: 7/5/2019 5:00:50 PM (GMT) |
| Model Name: (U) SHP4-7W | | Antenna Type: (U) Parabolic Reflector |
| Antenna Category: Aperture | | |
| FREQUENCIES | | |
| Lower Frequency Limit: (U) 7125.000 MHz Upper Frequency Limit: (U) 8500.000 MHz | | |
| ANTENNA CHARACTERISTICS | | |
| Polarization: (U) Horizontal and Vertical | | Atten. Rel/Act: (U) Relative dB |
| | | |
| Dish Diameter: (U) 1.20 m | | |
| BEAMWIDTH | | |
| Horizontal: (U) 2.20 degrees | | Vertical: (U) 2.20 degrees |
| SCAN CHARACTERISTICS | | |
| Horizontal Scan Type: (U) Fixed | | Horizontal Scan Rate: |
| Vertical Scan Type: (U) Fixed | | Vertical Scan Rate: |
| GAIN | | |
| Main Beam: (U) 37.4 dBi | | 1st Horz. Side Lobe Atten.: (U) 12.0 dB |
| | | 1st Ver. Side Lobe Atten.: (U) 12.5 dB |
| | | 1st Horz. Pos.: (U) 2.30 degrees |
| | | 1st Vert. Pos.: (U) 2.40 degrees |
| | | Gain Fr. to Bk.: (U) 70.0 dB |
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| CLASSIFICATION UNCLASSIFIED | | |

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| CLASSIFICATION UNCLASSIFIED | | PAGE 119 |
| ANTENNA EQUIPMENT CHARACTERISTICS | | |
| Nomenclature: (U) 8 ft DP UHP 8G Dish | | Manufacturer: (U) ANDREW CORP |
| NTIA Approval Status: (U) Unapproved | | Coordination ID: J/F 12 |
| Date of Import: 9/3/2019 4:11:36 PM (GMT) | | Date/Time Last Mod.: 12/19/2018 2:02:53 PM (GMT) |
| Model Name: (U) UHX8-77 | | Antenna Type: (U) Parabolic Reflector |
| Antenna Category: Aperture | | |
| FREQUENCIES | | |
| Lower Frequency Limit: (U) 7725.000 MHz Upper Frequency Limit: (U) 8275.000 MHz | | |
| ANTENNA CHARACTERISTICS | | |
| Polarization: (U) Horizontal and Vertical | | Atten. Rel/Act: (U) Relative dB |
| | | |
| Dish Diameter: (U) 2.40 m | | |
| BEAMWIDTH | | |
| Horizontal: (U) 1.10 degrees | | Vertical: (U) 1.10 degrees |
| SCAN CHARACTERISTICS | | |
| Horizontal Scan Type: (U) Fixed | | Horizontal Scan Rate: |
| Vertical Scan Type: (U) Fixed | | Vertical Scan Rate: |
| GAIN | | |
| Main Beam: (U) 43.5 dBi | | 1st Horz. Side Lobe Atten.: (U) 15.0 dB |
| | | 1st Ver. Side Lobe Atten.: (U) 23.7 dB |
| | | 1st Horz. Pos.: (U) 1.00 degrees |
| | | 1st Vert. Pos.: (U) 1.50 degrees |
| | | Gain Fr. to Bk.: (U) 68.0 dB |
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| CLASSIFICATION UNCLASSIFIED | | |

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| CLASSIFICATION UNCLASSIFIED | | PAGE 120 |
| ANTENNA EQUIPMENT CHARACTERISTICS | | |
| Nomenclature: (U) 12 ft DP UHP 8G Dish | | Manufacturer: (U) ANDREW CORP |
| NTIA Approval Status: (U) Unapproved | | Coordination ID: J/F 12 |
| Date of Import: 9/3/2019 4:11:36 PM (GMT) | | Date/Time Last Mod.: 12/19/2018 12:47:11 PM (GMT) |
| Model Name: (U) UHX12-77 | | Antenna Type: (U) Parabolic Reflector |
| Antenna Category: Aperture | | |
| FREQUENCIES | | |
| Lower Frequency Limit: (U) 7725.000 MHz Upper Frequency Limit: (U) 8275.000 MHz | | |
| ANTENNA CHARACTERISTICS | | |
| Polarization: (U) Horizontal and Vertical | | Atten. Rel/Act: (U) Relative dB |
| | | |
| Dish Diameter: (U) 3.70 m | | |
| BEAMWIDTH | | |
| Horizontal: (U) 0.700 degrees | | Vertical: (U) 0.700 degrees |
| SCAN CHARACTERISTICS | | |
| Horizontal Scan Type: (U) Fixed | | Horizontal Scan Rate: |
| Vertical Scan Type: (U) Fixed | | Vertical Scan Rate: |
| GAIN | | |
| Main Beam: (U) 46.7 dBi | | 1st Horz. Side Lobe Atten.: (U) 29.0 dB |
| | | 1st Ver. Side Lobe Atten.: (U) 37.0 dB |
| | | 1st Horz. Pos.: (U) 1.80 degrees |
| | | 1st Vert. Pos.: (U) 4.20 degrees |
| | | Gain Fr. to Bk.: (U) 75.0 dB |
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| CLASSIFICATION UNCLASSIFIED | | |

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| CLASSIFICATION UNCLASSIFIED | | PAGE 121 | |
| ANTENNA EQUIPMENT CHARACTERISTICS | | | |
| Nomenclature: (U) 10 ft DP UHP 8G Dish | | Manufacturer: (U) ANDREW CORP | |
| NTIA Approval Status: (U) Unapproved | | Coordination ID: J/F 12 | |
| Date of Import: 9/3/2019 4:11:36 PM (GMT) | | Date/Time Last Mod.: 12/19/2018 11:37:21 AM (GMT) | |
| Model Name: (U) UHX10-77 | | Antenna Type: (U) Parabolic Reflector | |
| Antenna Category: Aperture | | | |
| FREQUENCIES | | | |
| Lower Frequency Limit: (U) 7725.000 MHz Upper Frequency Limit: (U) 8275.000 MHz | | | |
| ANTENNA CHARACTERISTICS | | | |
| Polarization: (U) Horizontal and Vertical | | Atten. Rel/Act: (U) Relative dB | |
| | | | |
| Dish Diameter: (U) 3.00 m | | | |
| BEAMWIDTH | | | |
| Horizontal: (U) 0.900 degrees | | Vertical: (U) 0.900 degrees | |
| SCAN CHARACTERISTICS | | | |
| Horizontal Scan Type: (U) Fixed | | Horizontal Scan Rate: | |
| Vertical Scan Type: (U) Fixed | | Vertical Scan Rate: | |
| GAIN | | | |
| Main Beam: (U) 45.2 dBi | | 1st Horz. Side Lobe Atten.: (U) 26.5 dB | |
| | | 1st Ver. Side Lobe Atten.: (U) 25.2 dB | |
| | | 1st Horz. Pos.: (U) 1.50 degrees | |
| | | 1st Vert. Pos.: (U) 1.50 degrees | |
| | | Gain Fr. to Bk.: (U) 70.0 dB | |
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| CLASSIFICATION UNCLASSIFIED | | | |

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| CLASSIFICATION UNCLASSIFIED | | PAGE 122 |
| ANTENNA EQUIPMENT CHARACTERISTICS | | |
| Nomenclature: (U) 4 ft DP HP Hi-XPD 8G Dish | | Manufacturer: (U) ANDREW CORP |
| NTIA Approval Status: (U) Unapproved | | Coordination ID: J/F 12 |
| Date of Import: 9/3/2019 4:11:36 PM (GMT) | | Date/Time Last Mod.: 12/19/2018 2:06:56 PM (GMT) |
| Model Name: (U) HSX4-82 | | Antenna Type: (U) Parabolic Reflector |
| Antenna Category: Aperture | | |
| FREQUENCIES | | |
| Lower Frequency Limit: (U) 8200.000 MHz Upper Frequency Limit: (U) 8500.000 MHz | | |
| ANTENNA CHARACTERISTICS | | |
| Polarization: (U) Horizontal and Vertical | | Atten. Rel/Act: (U) Relative dB |
| | | |
| Dish Diameter: (U) 1.20 m | | |
| BEAMWIDTH | | |
| Horizontal: (U) 2.30 degrees | | Vertical: (U) 2.30 degrees |
| SCAN CHARACTERISTICS | | |
| Horizontal Scan Type: (U) Fixed | | Horizontal Scan Rate: |
| Vertical Scan Type: (U) Fixed | | Vertical Scan Rate: |
| GAIN | | |
| Main Beam: (U) 37.6 dBi | | 1st Horz. Side Lobe Atten.: (U) 22.0 dB |
| | | 1st Ver. Side Lobe Atten.: (U) 21.0 dB |
| | | 1st Horz. Pos.: (U) 2.78 degrees |
| | | 1st Vert. Pos.: (U) 2.77 degrees |
| | | Gain Fr. to Bk.: (U) 63.0 dB |
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| CLASSIFICATION UNCLASSIFIED | | |

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| CLASSIFICATION UNCLASSIFIED | | PAGE 123 |
| ANTENNA EQUIPMENT CHARACTERISTICS | | |
| Nomenclature: (U) 12 ft DP HP Hi-XPD 8G Dish | | Manufacturer: (U) ANDREW CORP |
| NTIA Approval Status: (U) Unapproved | | Coordination ID: J/F 12 |
| Date of Import: 9/3/2019 4:11:36 PM (GMT) | | Date/Time Last Mod.: 12/19/2018 11:47:19 AM (GMT) |
| Model Name: (U) HSX12-82 | | Antenna Type: (U) Parabolic Reflector |
| Antenna Category: Aperture | | |
| FREQUENCIES | | |
| Lower Frequency Limit: (U) 8200.000 MHz Upper Frequency Limit: (U) 8500.000 MHz | | |
| ANTENNA CHARACTERISTICS | | |
| Polarization: (U) Horizontal and Vertical | | Atten. Rel/Act: (U) Relative dB |
| | | |
| Dish Diameter: (U) 3.70 m | | |
| BEAMWIDTH | | |
| Horizontal: (U) 0.700 degrees | | Vertical: (U) 0.700 degrees |
| SCAN CHARACTERISTICS | | |
| Horizontal Scan Type: (U) Fixed | | Horizontal Scan Rate: |
| Vertical Scan Type: (U) Fixed | | Vertical Scan Rate: |
| GAIN | | |
| Main Beam: (U) 47.2 dBi | | 1st Horz. Side Lobe Atten.: (U) 25.8 dB |
| | | 1st Ver. Side Lobe Atten.: (U) 26.7 dB |
| | | 1st Horz. Pos.: (U) 1.09 degrees |
| | | 1st Vert. Pos.: (U) 1.27 degrees |
| | | Gain Fr. to Bk.: (U) 79.0 dB |
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| CLASSIFICATION UNCLASSIFIED | | |

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| CLASSIFICATION UNCLASSIFIED | | PAGE 124 |
| ANTENNA EQUIPMENT CHARACTERISTICS | | |
| Nomenclature: (U) 10 ft DP HP Hi-XPD 8G Dish | | Manufacturer: (U) ANDREW CORP |
| NTIA Approval Status: (U) Unapproved | | Coordination ID: J/F 12 |
| Date of Import: 9/3/2019 4:11:36 PM (GMT) | | Date/Time Last Mod.: 12/19/2018 11:29:17 AM (GMT) |
| Model Name: (U) HSX10-82 | | Antenna Type: (U) Parabolic Reflector |
| Antenna Category: Aperture | | |
| FREQUENCIES | | |
| Lower Frequency Limit: (U) 8200.000 MHz Upper Frequency Limit: (U) 8500.000 MHz | | |
| ANTENNA CHARACTERISTICS | | |
| Polarization: (U) Horizontal and Vertical | | Atten. Rel/Act: (U) Relative dB |
| | | |
| Dish Diameter: (U) 3.00 m | | |
| BEAMWIDTH | | |
| Horizontal: (U) 0.800 degrees | | Vertical: (U) 0.800 degrees |
| SCAN CHARACTERISTICS | | |
| Horizontal Scan Type: (U) Fixed | | Horizontal Scan Rate: |
| Vertical Scan Type: (U) Fixed | | Vertical Scan Rate: |
| GAIN | | |
| Main Beam: (U) 45.4 dBi | | 1st Horz. Side Lobe Atten.: (U) 31.3 dB |
| | | 1st Ver. Side Lobe Atten.: (U) 24.9 dB |
| | | 1st Horz. Pos.: (U) 2.50 degrees |
| | | 1st Vert. Pos.: (U) 1.27 degrees |
| | | Gain Fr. to Bk.: (U) 78.0 dB |
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| CLASSIFICATION UNCLASSIFIED | | |

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| CLASSIFICATION UNCLASSIFIED | | PAGE 125 |
| ANTENNA EQUIPMENT CHARACTERISTICS | | |
| Nomenclature: (U) 10 ft DP Std 8G Dish | | Manufacturer: (U) ANDREW CORP |
| NTIA Approval Status: (U) Unapproved | | Coordination ID: J/F 12 |
| Date of Import: 9/3/2019 4:11:36 PM (GMT) | | Date/Time Last Mod.: 12/19/2018 11:32:42 AM (GMT) |
| Model Name: (U) PXL10-82 | | Antenna Type: (U) Parabolic Reflector |
| Antenna Category: Aperture | | |
| FREQUENCIES | | |
| Lower Frequency Limit: (U) 8200.000 MHz Upper Frequency Limit: (U) 8500.000 MHz | | |
| ANTENNA CHARACTERISTICS | | |
| Polarization: (U) Horizontal and Vertical | | Atten. Rel/Act: (U) Relative dB |
| | | |
| Dish Diameter: (U) 3.00 m | | |
| BEAMWIDTH | | |
| Horizontal: (U) 0.800 degrees | | Vertical: (U) 0.800 degrees |
| SCAN CHARACTERISTICS | | |
| Horizontal Scan Type: (U) Fixed | | Horizontal Scan Rate: |
| Vertical Scan Type: (U) Fixed | | Vertical Scan Rate: |
| GAIN | | |
| Main Beam: (U) 45.8 dBi | | 1st Horz. Side Lobe Atten.: (U) 30.0 dB |
| | | 1st Ver. Side Lobe Atten.: (U) 27.0 dB |
| | | 1st Horz. Pos.: (U) 6.00 degrees |
| | | 1st Vert. Pos.: (U) 1.40 degrees |
| | | Gain Fr. to Bk.: (U) 57.0 dB |
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| CLASSIFICATION UNCLASSIFIED | | |

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| CLASSIFICATION UNCLASSIFIED | | PAGE 126 |
| ANTENNA EQUIPMENT CHARACTERISTICS | | |
| Nomenclature: (U) 8 ft DP HP Hi-XPD 8G Dish | | Manufacturer: (U) ANDREW CORP |
| NTIA Approval Status: (U) Unapproved | | Coordination ID: J/F 12 |
| Date of Import: 9/3/2019 4:11:36 PM (GMT) | | Date/Time Last Mod.: 12/19/2018 12:55:04 PM (GMT) |
| Model Name: (U) HSX8-82 | | Antenna Type: (U) Parabolic Reflector |
| Antenna Category: Aperture | | |
| FREQUENCIES | | |
| Lower Frequency Limit: (U) 8200.000 MHz Upper Frequency Limit: (U) 8500.000 MHz | | |
| ANTENNA CHARACTERISTICS | | |
| Polarization: (U) Horizontal and Vertical | | Atten. Rel/Act: (U) Relative dB |
| | | |
| Dish Diameter: (U) 2.40 m | | |
| BEAMWIDTH | | |
| Horizontal: (U) 1.00 degrees | | Vertical: (U) 1.00 degrees |
| SCAN CHARACTERISTICS | | |
| Horizontal Scan Type: (U) Fixed | | Horizontal Scan Rate: |
| Vertical Scan Type: (U) Fixed | | Vertical Scan Rate: |
| GAIN | | |
| Main Beam: (U) 43.8 dBi | | 1st Horz. Side Lobe Atten.: (U) 29.6 dB |
| | | 1st Ver. Side Lobe Atten.: (U) 31.0 dB |
| | | 1st Horz. Pos.: (U) 1.63 degrees |
| | | 1st Vert. Pos.: (U) 2.74 degrees |
| | | Gain Fr. to Bk.: (U) 78.0 dB |
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| CLASSIFICATION UNCLASSIFIED | | |

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| CLASSIFICATION UNCLASSIFIED | | PAGE 127 |
| ANTENNA EQUIPMENT CHARACTERISTICS | | |
| Nomenclature: (U) 4ft SP STD 8G | | Manufacturer: (U) ANDREW CORP |
| NTIA Approval Status: (U) Unapproved | | Coordination ID: J/F 12 |
| Date of Import: 9/3/2019 4:11:36 PM (GMT) | | Date/Time Last Mod.: 9/16/2013 9:48:47 PM (GMT) |
| Model Name: (U) PL4-77 | | Antenna Type: (U) Parabolic Reflector |
| Antenna Category: Aperture | | |
| FREQUENCIES | | |
| Lower Frequency Limit: (U) 7750.000 MHz Upper Frequency Limit: (U) 8400.000 MHz | | |
| ANTENNA CHARACTERISTICS | | |
| Polarization: (U) Horizontal and Vertical | | Atten. Rel/Act: (U) Relative dB |
| | | |
| Dish Diameter: (U) 1.20 m | | |
| BEAMWIDTH | | |
| Horizontal: (U) 2.20 degrees | | Vertical: (U) 2.20 degrees |
| SCAN CHARACTERISTICS | | |
| Horizontal Scan Type: (U) Fixed | | Horizontal Scan Rate: |
| Vertical Scan Type: (U) Fixed | | Vertical Scan Rate: |
| GAIN | | |
| Main Beam: (U) 37.2 dBi | | 1st Horz. Side Lobe Atten.: (U) 21.2 dB |
| | | 1st Ver. Side Lobe Atten.: (U) 21.2 dB |
| | | 1st Horz. Pos.: (U) 2.90 degrees |
| | | 1st Vert. Pos.: (U) 2.90 degrees |
| | | Gain Fr. to Bk.: (U) 45.0 dB |
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| CLASSIFICATION UNCLASSIFIED | | |

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| CLASSIFICATION UNCLASSIFIED | | PAGE 128 |
| ANTENNA EQUIPMENT CHARACTERISTICS | | |
| Nomenclature: (U) 12 ft DP UHP WB Hi-XPB Dish | | Manufacturer: (U) ANDREW CORP |
| NTIA Approval Status: (U) Unapproved | | Coordination ID: J/F 12 |
| Date of Import: 9/3/2019 4:11:36 PM (GMT) | | Date/Time Last Mod.: 7/5/2019 5:00:50 PM (GMT) |
| Model Name: (U) USX12-7W | | Antenna Type: (U) Parabolic Reflector |
| Antenna Category: Aperture | | |
| FREQUENCIES | | |
| Lower Frequency Limit: (U) 7125.000 MHz Upper Frequency Limit: (U) 8500.000 MHz | | |
| ANTENNA CHARACTERISTICS | | |
| Polarization: (U) Horizontal and Vertical | | Atten. Rel/Act: (U) Relative dB |
| | | |
| Dish Diameter: (U) 3.60 m | | |
| BEAMWIDTH | | |
| Horizontal: (U) 0.800 degrees | | Vertical: (U) 0.800 degrees |
| SCAN CHARACTERISTICS | | |
| Horizontal Scan Type: (U) Fixed | | Horizontal Scan Rate: |
| Vertical Scan Type: (U) Fixed | | Vertical Scan Rate: |
| GAIN | | |
| Main Beam: (U) 46.8 dBi | | 1st Horz. Side Lobe Atten.: (U) 16.0 dB |
| | | 1st Ver. Side Lobe Atten.: (U) 16.0 dB |
| | | 1st Horz. Pos.: (U) 0.900 degrees |
| | | 1st Vert. Pos.: (U) 0.920 degrees |
| | | Gain Fr. to Bk.: (U) 80.0 dB |
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| CLASSIFICATION UNCLASSIFIED | | |

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| CLASSIFICATION UNCLASSIFIED | | PAGE 129 |
| ANTENNA EQUIPMENT CHARACTERISTICS | | |
| Nomenclature: (U) 10 ft DP UHP WB Hi-XPD Dish | | Manufacturer: (U) ANDREW CORP |
| NTIA Approval Status: (U) Unapproved | | Coordination ID: J/F 12 |
| Date of Import: 9/3/2019 4:11:36 PM (GMT) | | Date/Time Last Mod.: 7/5/2019 5:00:50 PM (GMT) |
| Model Name: (U) USX10-7W | | Antenna Type: (U) Parabolic Reflector |
| Antenna Category: Aperture | | |
| FREQUENCIES | | |
| Lower Frequency Limit: (U) 7125.000 MHz Upper Frequency Limit: (U) 8500.000 MHz | | |
| ANTENNA CHARACTERISTICS | | |
| Polarization: (U) Horizontal and Vertical | | Atten. Rel/Act: (U) Relative dB |
| | | |
| Dish Diameter: (U) 3.00 m | | |
| BEAMWIDTH | | |
| Horizontal: (U) 0.900 degrees | | Vertical: (U) 0.900 degrees |
| SCAN CHARACTERISTICS | | |
| Horizontal Scan Type: (U) Fixed | | Horizontal Scan Rate: |
| Vertical Scan Type: (U) Fixed | | Vertical Scan Rate: |
| GAIN | | |
| Main Beam: (U) 44.4 dBi | | 1st Horz. Side Lobe Atten.: (U) 13.0 dB |
| | | 1st Ver. Side Lobe Atten.: (U) 13.0 dB |
| | | 1st Horz. Pos.: (U) 1.10 degrees |
| | | 1st Vert. Pos.: (U) 1.10 degrees |
| | | Gain Fr. to Bk.: (U) 80.0 dB |
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| CLASSIFICATION UNCLASSIFIED | | |

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| CLASSIFICATION UNCLASSIFIED | | PAGE 130 |
| ANTENNA EQUIPMENT CHARACTERISTICS | | |
| Nomenclature: (U) 12 ft DP HP WB Hi-XPD Dish | | Manufacturer: (U) ANDREW CORP |
| NTIA Approval Status: (U) Unapproved | | Coordination ID: J/F 12 |
| Date of Import: 9/3/2019 4:11:36 PM (GMT) | | Date/Time Last Mod.: 7/5/2019 5:00:50 PM (GMT) |
| Model Name: (U) HX12-7W | | Antenna Type: (U) Parabolic Reflector |
| Antenna Category: Aperture | | |
| FREQUENCIES | | |
| Lower Frequency Limit: (U) 7125.000 MHz Upper Frequency Limit: (U) 8500.000 MHz | | |
| ANTENNA CHARACTERISTICS | | |
| Polarization: (U) Horizontal and Vertical | | Atten. Rel/Act: (U) Relative dB |
| | | |
| Dish Diameter: (U) 3.60 m | | |
| BEAMWIDTH | | |
| Horizontal: (U) 0.800 degrees | | Vertical: (U) 0.800 degrees |
| SCAN CHARACTERISTICS | | |
| Horizontal Scan Type: (U) Fixed | | Horizontal Scan Rate: |
| Vertical Scan Type: (U) Fixed | | Vertical Scan Rate: |
| GAIN | | |
| Main Beam: (U) 46.8 dBi | | 1st Horz. Side Lobe Atten.: (U) 16.0 dB |
| | | 1st Ver. Side Lobe Atten.: (U) 16.0 dB |
| | | 1st Horz. Pos.: (U) 0.900 degrees |
| | | 1st Vert. Pos.: (U) 0.920 degrees |
| | | Gain Fr. to Bk.: (U) 75.0 dB |
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| CLASSIFICATION UNCLASSIFIED | | |

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| CLASSIFICATION UNCLASSIFIED | | PAGE 131 |
| ANTENNA EQUIPMENT CHARACTERISTICS | | |
| Nomenclature: (U) 10 ft DP HP WB Hi-XPD Dish | | Manufacturer: (U) ANDREW CORP |
| NTIA Approval Status: (U) Unapproved | | Coordination ID: J/F 12 |
| Date of Import: 9/3/2019 4:11:36 PM (GMT) | | Date/Time Last Mod.: 7/5/2019 5:00:50 PM (GMT) |
| Model Name: (U) HX10-7W | | Antenna Type: (U) Parabolic Reflector |
| Antenna Category: Aperture | | |
| FREQUENCIES | | |
| Lower Frequency Limit: (U) 7125.000 MHz Upper Frequency Limit: (U) 8500.000 MHz | | |
| ANTENNA CHARACTERISTICS | | |
| Polarization: (U) Horizontal and Vertical | | Atten. Rel/Act: (U) Relative dB |
| | | |
| Dish Diameter: (U) 3.00 m | | |
| BEAMWIDTH | | |
| Horizontal: (U) 0.900 degrees | | Vertical: (U) 0.900 degrees |
| SCAN CHARACTERISTICS | | |
| Horizontal Scan Type: (U) Fixed | | Horizontal Scan Rate: |
| Vertical Scan Type: (U) Fixed | | Vertical Scan Rate: |
| GAIN | | |
| Main Beam: (U) 44.4 dBi | | 1st Horz. Side Lobe Atten.: (U) 14.0 dB |
| | | 1st Ver. Side Lobe Atten.: (U) 52.0 dB |
| | | 1st Horz. Pos.: (U) 1.10 degrees |
| | | 1st Vert. Pos.: (U) 20.0 degrees |
| | | Gain Fr. to Bk.: (U) 72.0 dB |
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| CLASSIFICATION UNCLASSIFIED | | |

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| CLASSIFICATION UNCLASSIFIED | | PAGE 132 |
| ANTENNA EQUIPMENT CHARACTERISTICS | | |
| Nomenclature: (U) 8 ft DP STD WB Dish 7G | | Manufacturer: (U) ANDREW CORP |
| NTIA Approval Status: (U) Unapproved | | Coordination ID: J/F 12 |
| Date of Import: 9/3/2019 4:11:36 PM (GMT) | | Date/Time Last Mod.: 7/5/2019 5:00:50 PM (GMT) |
| Model Name: (U) PXL8-71W | | Antenna Type: (U) Parabolic Reflector |
| Antenna Category: Aperture | | |
| FREQUENCIES | | |
| Lower Frequency Limit: (U) 7125.000 MHz Upper Frequency Limit: (U) 8500.000 MHz | | |
| ANTENNA CHARACTERISTICS | | |
| Polarization: (U) Horizontal and Vertical | | Atten. Rel/Act: (U) Relative dB |
| | | |
| Dish Diameter: (U) 2.40 m | | |
| BEAMWIDTH | | |
| Horizontal: (U) 1.10 degrees | | Vertical: (U) 1.10 degrees |
| SCAN CHARACTERISTICS | | |
| Horizontal Scan Type: (U) Fixed | | Horizontal Scan Rate: |
| Vertical Scan Type: (U) Fixed | | Vertical Scan Rate: |
| GAIN | | |
| Main Beam: (U) 42.8 dBi | | 1st Horz. Side Lobe Atten.: (U) 33.0 dB |
| | | 1st Ver. Side Lobe Atten.: (U) 33.0 dB |
| | | 1st Horz. Pos.: (U) 15.0 degrees |
| | | 1st Vert. Pos.: (U) 15.0 degrees |
| | | Gain Fr. to Bk.: (U) 50.0 dB |
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| CLASSIFICATION UNCLASSIFIED | | |

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| CLASSIFICATION UNCLASSIFIED | | PAGE 133 | |
| ANTENNA EQUIPMENT CHARACTERISTICS | | | |
| Nomenclature: (U) 4 ft Sentinel HP DP 7G | | Manufacturer: (U) ANDREW CORP | |
| NTIA Approval Status: (U) Unapproved | | Coordination ID: J/F 12 | |
| Date of Import: 9/3/2019 4:11:36 PM (GMT) | | Date/Time Last Mod.: 7/5/2019 5:00:50 PM (GMT) | |
| Model Name: (U) SHPX4-7W | | Antenna Type: (U) Parabolic Reflector | |
| Antenna Category: Aperture | | | |
| FREQUENCIES | | | |
| Lower Frequency Limit: (U) 7125.000 MHz Upper Frequency Limit: (U) 8500.000 MHz | | | |
| ANTENNA CHARACTERISTICS | | | |
| Polarization: (U) Horizontal and Vertical | | Atten. Rel/Act: (U) Relative dB | |
| | | | |
| Dish Diameter: (U) 1.20 m | | | |
| BEAMWIDTH | | | |
| Horizontal: (U) 2.20 degrees | | Vertical: (U) 2.20 degrees | |
| SCAN CHARACTERISTICS | | | |
| Horizontal Scan Type: (U) Fixed | | Horizontal Scan Rate: | |
| Vertical Scan Type: (U) Fixed | | Vertical Scan Rate: | |
| GAIN | | | |
| Main Beam: (U) 37.4 dBi | | 1st Horz. Side Lobe Atten.: (U) 12.0 dB | |
| | | 1st Ver. Side Lobe Atten.: (U) 12.5 dB | |
| | | 1st Horz. Pos.: (U) 2.30 degrees | |
| | | 1st Vert. Pos.: (U) 2.40 degrees | |
| | | Gain Fr. to Bk.: (U) 70.0 dB | |
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| CLASSIFICATION UNCLASSIFIED | | | |

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| CLASSIFICATION UNCLASSIFIED | | PAGE 134 | |
| ANTENNA EQUIPMENT CHARACTERISTICS | | | |
| Nomenclature: (U) 2ft DP HP WB LP | | Manufacturer: (U) ANDREW CORP | |
| NTIA Approval Status: (U) Unapproved | | Coordination ID: J/F 12 | |
| Date of Import: 9/3/2019 4:11:36 PM (GMT) | | Date/Time Last Mod.: 7/5/2019 5:00:50 PM (GMT) | |
| Model Name: (U) VHLPX2-7W | | Antenna Type: (U) Aperture | |
| Antenna Category: Aperture | | | |
| FREQUENCIES | | | |
| Lower Frequency Limit: (U) 7100.000 MHz Upper Frequency Limit: (U) 8500.000 MHz | | | |
| ANTENNA CHARACTERISTICS | | | |
| Polarization: (U) Horizontal and Vertical | | Atten. Rel/Act: (U) Relative dB | |
| | | | |
| Dish Diameter: (U) 0.600 m | | | |
| BEAMWIDTH | | | |
| Horizontal: (U) 4.70 degrees | | Vertical: (U) 4.70 degrees | |
| SCAN CHARACTERISTICS | | | |
| Horizontal Scan Type: (U) Fixed | | Horizontal Scan Rate: | |
| Vertical Scan Type: (U) Fixed | | Vertical Scan Rate: | |
| GAIN | | | |
| Main Beam: (U) 31.1 dBi | | 1st Horz. Side Lobe Atten.: (U) 22.0 dB | |
| | | 1st Ver. Side Lobe Atten.: (U) 17.0 dB | |
| | | 1st Horz. Pos.: (U) 12.0 degrees | |
| | | 1st Vert. Pos.: (U) 6.00 degrees | |
| | | Gain Fr. to Bk.: (U) 57.0 dB | |
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| CLASSIFICATION UNCLASSIFIED | | | |

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| CLASSIFICATION UNCLASSIFIED | | PAGE 135 |
| ANTENNA EQUIPMENT CHARACTERISTICS | | |
| Nomenclature: (U) 2ft SP HP WB LP | | Manufacturer: (U) ANDREW CORP |
| NTIA Approval Status: (U) Unapproved | | Coordination ID: J/F 12 |
| Date of Import: 9/3/2019 4:11:36 PM (GMT) | | Date/Time Last Mod.: 7/5/2019 5:00:50 PM (GMT) |
| Model Name: (U) VHLP2-7W | | Antenna Type: (U) Aperture |
| Antenna Category: Aperture | | |
| FREQUENCIES | | |
| Lower Frequency Limit: (U) 7100.000 MHz Upper Frequency Limit: (U) 8500.000 MHz | | |
| ANTENNA CHARACTERISTICS | | |
| Polarization: (U) Horizontal and Vertical | | Atten. Rel/Act: (U) Relative dB |
| | | |
| Dish Diameter: (U) 0.600 m | | |
| BEAMWIDTH | | |
| Horizontal: (U) 4.70 degrees | | Vertical: (U) 4.70 degrees |
| SCAN CHARACTERISTICS | | |
| Horizontal Scan Type: (U) Fixed | | Horizontal Scan Rate: |
| Vertical Scan Type: (U) Fixed | | Vertical Scan Rate: |
| GAIN | | |
| Main Beam: (U) 31.1 dBi | | 1st Horz. Side Lobe Atten.: (U) 22.0 dB |
| | | 1st Ver. Side Lobe Atten.: (U) 17.0 dB |
| | | 1st Horz. Pos.: (U) 12.0 degrees |
| | | 1st Vert. Pos.: (U) 6.00 degrees |
| | | Gain Fr. to Bk.: (U) 57.0 dB |
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| CLASSIFICATION UNCLASSIFIED | | |

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| CLASSIFICATION UNCLASSIFIED | | PAGE 136 |
| ANTENNA EQUIPMENT CHARACTERISTICS | | |
| Nomenclature: (U) 3ft DP HP WB LP | | Manufacturer: (U) ANDREW CORP |
| NTIA Approval Status: (U) Unapproved | | Coordination ID: J/F 12 |
| Date of Import: 9/3/2019 4:11:36 PM (GMT) | | Date/Time Last Mod.: 7/5/2019 5:00:50 PM (GMT) |
| Model Name: (U) VHLPX3-7W | | Antenna Type: (U) Aperture |
| Antenna Category: Aperture | | |
| FREQUENCIES | | |
| Lower Frequency Limit: (U) 7100.000 MHz Upper Frequency Limit: (U) 8500.000 MHz | | |
| ANTENNA CHARACTERISTICS | | |
| Polarization: (U) Horizontal and Vertical | | Atten. Rel/Act: (U) Relative dB |
| | | |
| Dish Diameter: (U) 0.900 m | | |
| BEAMWIDTH | | |
| Horizontal: (U) 3.00 degrees | | Vertical: (U) 3.00 degrees |
| SCAN CHARACTERISTICS | | |
| Horizontal Scan Type: (U) Fixed | | Horizontal Scan Rate: |
| Vertical Scan Type: (U) Fixed | | Vertical Scan Rate: |
| GAIN | | |
| Main Beam: (U) 35.3 dBi | | 1st Horz. Side Lobe Atten.: (U) 16.0 dB |
| | | 1st Ver. Side Lobe Atten.: (U) 16.0 dB |
| | | 1st Horz. Pos.: (U) 3.30 degrees |
| | | 1st Vert. Pos.: (U) 3.30 degrees |
| | | Gain Fr. to Bk.: (U) 61.0 dB |
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| CLASSIFICATION UNCLASSIFIED | | |

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| CLASSIFICATION UNCLASSIFIED | | PAGE 137 |
| ANTENNA EQUIPMENT CHARACTERISTICS | | |
| Nomenclature: (U) 3ft SP HP WB LP | | Manufacturer: (U) ANDREW CORP |
| NTIA Approval Status: (U) Unapproved | | Coordination ID: J/F 12 |
| Date of Import: 9/3/2019 4:11:36 PM (GMT) | | Date/Time Last Mod.: 7/5/2019 5:00:50 PM (GMT) |
| Model Name: (U) VHLP3-7W | | Antenna Type: (U) Aperture |
| Antenna Category: Aperture | | |
| FREQUENCIES | | |
| Lower Frequency Limit: (U) 7100.000 MHz Upper Frequency Limit: (U) 8500.000 MHz | | |
| ANTENNA CHARACTERISTICS | | |
| Polarization: (U) Horizontal and Vertical | | Atten. Rel/Act: (U) Relative dB |
| | | |
| Dish Diameter: (U) 0.900 m | | |
| BEAMWIDTH | | |
| Horizontal: (U) 3.00 degrees | | Vertical: (U) 3.00 degrees |
| SCAN CHARACTERISTICS | | |
| Horizontal Scan Type: (U) Fixed | | Horizontal Scan Rate: |
| Vertical Scan Type: (U) Fixed | | Vertical Scan Rate: |
| GAIN | | |
| Main Beam: (U) 35.3 dBi | | 1st Horz. Side Lobe Atten.: (U) 16.0 dB |
| | | 1st Ver. Side Lobe Atten.: (U) 16.0 dB |
| | | 1st Horz. Pos.: (U) 3.30 degrees |
| | | 1st Vert. Pos.: (U) 3.30 degrees |
| | | Gain Fr. to Bk.: (U) 61.0 dB |
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| CLASSIFICATION UNCLASSIFIED | | |

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| CLASSIFICATION UNCLASSIFIED | | PAGE 138 | |
| ANTENNA EQUIPMENT CHARACTERISTICS | | | |
| Nomenclature: (U) 8 ft DP UHP WB Hi-XPD Dish | | Manufacturer: (U) ANDREW CORP | |
| NTIA Approval Status: (U) Unapproved | | Coordination ID: J/F 12 | |
| Date of Import: 9/3/2019 4:11:36 PM (GMT) | | Date/Time Last Mod.: 7/5/2019 5:00:50 PM (GMT) | |
| Model Name: (U) USX8-7W | | Antenna Type: (U) Parabolic Reflector | |
| Antenna Category: Aperture | | | |
| FREQUENCIES | | | |
| Lower Frequency Limit: (U) 7125.000 MHz Upper Frequency Limit: (U) 8500.000 MHz | | | |
| ANTENNA CHARACTERISTICS | | | |
| Polarization: (U) Horizontal and Vertical | | Atten. Rel/Act: (U) Relative dB | |
| | | | |
| Dish Diameter: (U) 2.40 m | | | |
| BEAMWIDTH | | | |
| Horizontal: (U) 1.10 degrees | | Vertical: (U) 1.10 degrees | |
| SCAN CHARACTERISTICS | | | |
| Horizontal Scan Type: (U) Fixed | | Horizontal Scan Rate: | |
| Vertical Scan Type: (U) Fixed | | Vertical Scan Rate: | |
| GAIN | | | |
| Main Beam: (U) 42.9 dBi | | 1st Horz. Side Lobe Atten.: (U) 13.0 dB | |
| | | 1st Ver. Side Lobe Atten.: (U) 13.0 dB | |
| | | 1st Horz. Pos.: (U) 1.40 degrees | |
| | | 1st Vert. Pos.: (U) 1.30 degrees | |
| | | Gain Fr. to Bk.: (U) 78.0 dB | |
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| CLASSIFICATION UNCLASSIFIED | | | |

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| CLASSIFICATION UNCLASSIFIED | | PAGE 139 | |
| ANTENNA EQUIPMENT CHARACTERISTICS | | | |
| Nomenclature: (U) 8 ft DP HP WB Shielded Dish | | Manufacturer: (U) ANDREW CORP | |
| NTIA Approval Status: (U) Unapproved | | Coordination ID: J/F 12 | |
| Date of Import: 9/3/2019 4:11:36 PM (GMT) | | Date/Time Last Mod.: 7/5/2019 5:00:50 PM (GMT) | |
| Model Name: (U) VHPX8-7W | | Antenna Type: (U) Aperture | |
| Antenna Category: Aperture | | | |
| FREQUENCIES | | | |
| Lower Frequency Limit: (U) 7100.000 MHz Upper Frequency Limit: (U) 8500.000 MHz | | | |
| ANTENNA CHARACTERISTICS | | | |
| Polarization: (U) Horizontal and Vertical | | Atten. Rel/Act: (U) Relative dB | |
| | | | |
| Dish Diameter: (U) 2.40 m | | | |
| BEAMWIDTH | | | |
| Horizontal: (U) 1.20 degrees | | Vertical: (U) 1.20 degrees | |
| SCAN CHARACTERISTICS | | | |
| Horizontal Scan Type: (U) Fixed | | Horizontal Scan Rate: | |
| Vertical Scan Type: (U) Fixed | | Vertical Scan Rate: | |
| GAIN | | | |
| Main Beam: (U) 43.8 dBi | | 1st Horz. Side Lobe Atten.: (U) 11.5 dB | |
| | | 1st Ver. Side Lobe Atten.: (U) 20.0 dB | |
| | | 1st Horz. Pos.: (U) 1.20 degrees | |
| | | 1st Vert. Pos.: (U) 3.00 degrees | |
| | | Gain Fr. to Bk.: (U) 70.0 dB | |
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| CLASSIFICATION UNCLASSIFIED | | | |

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| CLASSIFICATION UNCLASSIFIED | | PAGE 140 |
| ANTENNA EQUIPMENT CHARACTERISTICS | | |
| Nomenclature: (U) 8 ft DP HP WB Hi-XPB Dish | | Manufacturer: (U) ANDREW CORP |
| NTIA Approval Status: (U) Unapproved | | Coordination ID: J/F 12 |
| Date of Import: 9/3/2019 4:11:36 PM (GMT) | | Date/Time Last Mod.: 7/5/2019 5:00:50 PM (GMT) |
| Model Name: (U) HX8-7W | | Antenna Type: (U) Aperture |
| Antenna Category: Aperture | | |
| FREQUENCIES | | |
| Lower Frequency Limit: (U) 7125.000 MHz Upper Frequency Limit: (U) 8500.000 MHz | | |
| ANTENNA CHARACTERISTICS | | |
| Polarization: (U) Horizontal and Vertical | | Atten. Rel/Act: (U) Relative dB |
| | | |
| Dish Diameter: (U) 2.40 m | | |
| BEAMWIDTH | | |
| Horizontal: (U) 1.10 degrees | | Vertical: (U) 1.10 degrees |
| SCAN CHARACTERISTICS | | |
| Horizontal Scan Type: (U) Fixed | | Horizontal Scan Rate: |
| Vertical Scan Type: (U) Fixed | | Vertical Scan Rate: |
| GAIN | | |
| Main Beam: (U) 42.9 dBi | | 1st Horz. Side Lobe Atten.: (U) 14.0 dB |
| | | 1st Ver. Side Lobe Atten.: (U) 12.0 dB |
| | | 1st Horz. Pos.: (U) 1.50 degrees |
| | | 1st Vert. Pos.: (U) 1.50 degrees |
| | | Gain Fr. to Bk.: (U) 71.0 dB |
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| CLASSIFICATION UNCLASSIFIED | | |

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| CLASSIFICATION UNCLASSIFIED | | PAGE 141 |
| ANTENNA EQUIPMENT CHARACTERISTICS | | |
| Nomenclature: (U) 12 ft DP STD WB Dish | | Manufacturer: (U) ANDREW CORP |
| NTIA Approval Status: (U) Unapproved | | Coordination ID: J/F 12 |
| Date of Import: 9/3/2019 4:11:36 PM (GMT) | | Date/Time Last Mod.: 7/5/2019 5:00:50 PM (GMT) |
| Model Name: (U) PXL12-71W | | Antenna Type: (U) Parabolic Reflector |
| Antenna Category: Aperture | | |
| FREQUENCIES | | |
| Lower Frequency Limit: (U) 7125.000 MHz Upper Frequency Limit: (U) 8500.000 MHz | | |
| ANTENNA CHARACTERISTICS | | |
| Polarization: (U) Horizontal and Vertical | | Atten. Rel/Act: (U) Relative dB |
| | | |
| Dish Diameter: (U) 3.70 m | | |
| BEAMWIDTH | | |
| Horizontal: (U) 0.900 degrees | | Vertical: (U) 0.900 degrees |
| SCAN CHARACTERISTICS | | |
| Horizontal Scan Type: (U) Fixed | | Horizontal Scan Rate: |
| Vertical Scan Type: (U) Fixed | | Vertical Scan Rate: |
| GAIN | | |
| Main Beam: (U) 44.9 dBi | | 1st Horz. Side Lobe Atten.: (U) 23.0 dB |
| | | 1st Ver. Side Lobe Atten.: (U) 23.0 dB |
| | | 1st Horz. Pos.: (U) 1.20 degrees |
| | | 1st Vert. Pos.: (U) 1.30 degrees |
| | | Gain Fr. to Bk.: (U) 58.0 dB |
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| CLASSIFICATION UNCLASSIFIED | | |

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| CLASSIFICATION UNCLASSIFIED | | PAGE 142 |
| ANTENNA EQUIPMENT CHARACTERISTICS | | |
| Nomenclature: (U) 12 ft DP HP WB Shielded Dish | | Manufacturer: (U) ANDREW CORP |
| NTIA Approval Status: (U) Unapproved | | Coordination ID: J/F 12 |
| Date of Import: 9/3/2019 4:11:36 PM (GMT) | | Date/Time Last Mod.: 7/5/2019 5:00:50 PM (GMT) |
| Model Name: (U) VHPX12-7W | | Antenna Type: (U) Aperture |
| Antenna Category: Aperture | | |
| FREQUENCIES | | |
| Lower Frequency Limit: (U) 7100.000 MHz Upper Frequency Limit: (U) 8500.000 MHz | | |
| ANTENNA CHARACTERISTICS | | |
| Polarization: (U) Horizontal and Vertical | | Atten. Rel/Act: (U) Relative dB |
| | | |
| Dish Diameter: (U) 3.70 m | | |
| BEAMWIDTH | | |
| Horizontal: (U) 0.800 degrees | | Vertical: (U) 0.800 degrees |
| SCAN CHARACTERISTICS | | |
| Horizontal Scan Type: (U) Fixed | | Horizontal Scan Rate: |
| Vertical Scan Type: (U) Fixed | | Vertical Scan Rate: |
| GAIN | | |
| Main Beam: (U) 46.9 dBi | | 1st Horz. Side Lobe Atten.: (U) 12.0 dB |
| | | 1st Ver. Side Lobe Atten.: (U) 12.0 dB |
| | | 1st Horz. Pos.: (U) 0.850 degrees |
| | | 1st Vert. Pos.: (U) 0.900 degrees |
| | | Gain Fr. to Bk.: (U) 75.0 dB |
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| CLASSIFICATION UNCLASSIFIED | | |

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| ANTENNA EQUIPMENT CHARACTERISTICS | | |
| Nomenclature: (U) 10 ft DP HP WB Shielded Dish | | Manufacturer: (U) ANDREW CORP |
| NTIA Approval Status: (U) Unapproved | | Coordination ID: J/F 12 |
| Date of Import: 9/3/2019 4:11:36 PM (GMT) | | Date/Time Last Mod.: 7/5/2019 5:00:50 PM (GMT) |
| Model Name: (U) VHPX10-7W | | Antenna Type: (U) Aperture |
| Antenna Category: Aperture | | |
| FREQUENCIES | | |
| Lower Frequency Limit: (U) 7100.000 MHz Upper Frequency Limit: (U) 8500.000 MHz | | |
| ANTENNA CHARACTERISTICS | | |
| Polarization: (U) Horizontal and Vertical | | Atten. Rel/Act: (U) Relative dB |
| | | |
| Dish Diameter: (U) 3.00 m | | |
| BEAMWIDTH | | |
| Horizontal: (U) 1.00 degrees | | Vertical: (U) 1.00 degrees |
| SCAN CHARACTERISTICS | | |
| Horizontal Scan Type: (U) Fixed | | Horizontal Scan Rate: |
| Vertical Scan Type: (U) Fixed | | Vertical Scan Rate: |
| GAIN | | |
| Main Beam: (U) 45.0 dBi | | 1st Horz. Side Lobe Atten.: (U) 14.0 dB |
| | | 1st Ver. Side Lobe Atten.: (U) 13.0 dB |
| | | 1st Horz. Pos.: (U) 1.20 degrees |
| | | 1st Vert. Pos.: (U) 1.20 degrees |
| | | Gain Fr. to Bk.: (U) 72.0 dB |
| | | |
| | | |
| CLASSIFICATION UNCLASSIFIED | | |

COMPLIANCE CHECK REPORT

System Name: (U) Aviat Networks Eclipse Radio IRU600 MP 8 GHz**NTIA Chapter 10 NTIA-CH10-8.1.05, Page: 2****Severity: NOTE****Description:**

Estimated Initial Cost of the System should be specified for all Stage 2 thru 4 Certifications.

Link/Selected Modes**NTIA General NTIA-Gen-0070, Page: 5****Severity: NOTE****Description:**

The frequency range(s) of this Link exceed the frequency range of the transmitting antenna. The transmitting antenna's frequency range must completely cover the frequency range(s) of all the Selected Modes in this Link.

Link/Selected Modes**NTIA General NTIA-Gen-0071-Non-Generic, Page: 5****Severity: NOTE****Description:**

The frequency range(s) of this Link exceed the frequency range of the receiving antenna. The receiving antenna's frequency range must completely cover the frequency range(s) of all the Selected Modes in this Link.

Link/Selected Modes**NTIA General NTIA-Gen-0070, Page: 11****Severity: NOTE****Description:**

The frequency range(s) of this Link exceed the frequency range of the transmitting antenna. The transmitting antenna's frequency range must completely cover the frequency range(s) of all the Selected Modes in this Link.

Link/Selected Modes**NTIA General NTIA-Gen-0071-Non-Generic, Page: 11****Severity: NOTE****Description:**

The frequency range(s) of this Link exceed the frequency range of the receiving antenna. The receiving antenna's frequency range must completely cover the frequency range(s) of all the Selected Modes in this Link.

Transmitter (U) Eclipse Radio IRU600 MP 8 GHz TX**NTIA General NTIA-Gen-0013, Page: 18****Severity: NOTE****Description:**

There are other versions of Transmitter records with this nomenclature in the database. Review the other versions for possible duplication or error by right-clicking the Transmitter and choosing "Show Similar Versions". You may wish to replace this Transmitter with one of those other versions by right-clicking on the Transmitter and choosing "Replace Transmitter". However, be warned that replacing a Transmitter may delete some of the Link information in this Certification.

Fundamental Curve**NTIA Chapter 5 Other NTIA-CH5-5.3.3.1.1.b-1-F NTIA-CH5-5.3.3.1.1.b-1-F, Page: 20****Severity: FAILURE**

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| CLASSIFICATION UNCLASSIFIED | PAGE 145 |
| COMPLIANCE CHECK REPORT | |
| <p>Description: This curve does not meet unwanted emission standards when employing digital transmitters in the Fixed service band 1710 to 15350 MHz (point-to-point or transportable). See section 5.3.3.1.1.b of the NTIA Manual.</p> | |
| <p>Fundamental Curve NTIA Chapter 5 Other NTIA-CH5-5.3.3.1.1.b-1-F NTIA-CH5-5.3.3.1.1.b-1-F, Page: 20 Severity: FAILURE Description: This curve does not meet unwanted emission standards when employing digital transmitters in the Fixed service band 1710 to 15350 MHz (point-to-point or transportable). See section 5.3.3.1.1.b of the NTIA Manual.</p> | |
| <p>Fundamental Curve NTIA Chapter 5 Other NTIA-CH5-5.3.3.1.1.b-1-F NTIA-CH5-5.3.3.1.1.b-1-F, Page: 21 Severity: FAILURE Description: This curve does not meet unwanted emission standards when employing digital transmitters in the Fixed service band 1710 to 15350 MHz (point-to-point or transportable). See section 5.3.3.1.1.b of the NTIA Manual.</p> | |
| <p>Fundamental Curve NTIA Chapter 5 Other NTIA-CH5-5.3.3.1.1.b-1-F NTIA-CH5-5.3.3.1.1.b-1-F, Page: 22 Severity: FAILURE Description: This curve does not meet unwanted emission standards when employing digital transmitters in the Fixed service band 1710 to 15350 MHz (point-to-point or transportable). See section 5.3.3.1.1.b of the NTIA Manual.</p> | |
| <p>Fundamental Curve NTIA Chapter 5 Other NTIA-CH5-5.3.3.1.1.b-1-F NTIA-CH5-5.3.3.1.1.b-1-F, Page: 22 Severity: FAILURE Description: This curve does not meet unwanted emission standards when employing digital transmitters in the Fixed service band 1710 to 15350 MHz (point-to-point or transportable). See section 5.3.3.1.1.b of the NTIA Manual.</p> | |
| <p>Fundamental Curve NTIA Chapter 5 Other NTIA-CH5-5.3.3.1.1.b-1-F NTIA-CH5-5.3.3.1.1.b-1-F, Page: 23 Severity: FAILURE Description: This curve does not meet unwanted emission standards when employing digital transmitters in the Fixed service band 1710 to 15350 MHz (point-to-point or transportable). See section 5.3.3.1.1.b of the NTIA Manual.</p> | |
| <p>Fundamental Curve NTIA Chapter 5 Other NTIA-CH5-5.3.3.1.1.b-1-F NTIA-CH5-5.3.3.1.1.b-1-F, Page: 24 Severity: FAILURE Description: This curve does not meet unwanted emission standards when employing digital transmitters in the Fixed service band 1710 to 15350 MHz (point-to-point or transportable). See section 5.3.3.1.1.b of the NTIA Manual.</p> | |
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| CLASSIFICATION UNCLASSIFIED | |

COMPLIANCE CHECK REPORT

Fundamental Curve**NTIA Chapter 5 Other NTIA-CH5-5.3.3.1.1.b-1-F NTIA-CH5-5.3.3.1.1.b-1-F, Page: 24****Severity: FAILURE****Description:**

This curve does not meet unwanted emission standards when employing digital transmitters in the Fixed service band 1710 to 15350 MHz (point-to-point or transportable). See section 5.3.3.1.1.b of the NTIA Manual.

Fundamental Curve**NTIA Chapter 5 Other NTIA-CH5-5.3.3.1.1.b-1-F NTIA-CH5-5.3.3.1.1.b-1-F, Page: 25****Severity: FAILURE****Description:**

This curve does not meet unwanted emission standards when employing digital transmitters in the Fixed service band 1710 to 15350 MHz (point-to-point or transportable). See section 5.3.3.1.1.b of the NTIA Manual.

Fundamental Curve**NTIA Chapter 5 Other NTIA-CH5-5.3.3.1.1.b-1-F NTIA-CH5-5.3.3.1.1.b-1-F, Page: 26****Severity: FAILURE****Description:**

This curve does not meet unwanted emission standards when employing digital transmitters in the Fixed service band 1710 to 15350 MHz (point-to-point or transportable). See section 5.3.3.1.1.b of the NTIA Manual.

Fundamental Curve**NTIA Chapter 5 Other NTIA-CH5-5.3.3.1.1.b-1-F NTIA-CH5-5.3.3.1.1.b-1-F, Page: 26****Severity: FAILURE****Description:**

This curve does not meet unwanted emission standards when employing digital transmitters in the Fixed service band 1710 to 15350 MHz (point-to-point or transportable). See section 5.3.3.1.1.b of the NTIA Manual.

Fundamental Curve**NTIA Chapter 5 Other NTIA-CH5-5.3.3.1.1.b-1-F NTIA-CH5-5.3.3.1.1.b-1-F, Page: 27****Severity: FAILURE****Description:**

This curve does not meet unwanted emission standards when employing digital transmitters in the Fixed service band 1710 to 15350 MHz (point-to-point or transportable). See section 5.3.3.1.1.b of the NTIA Manual.

Fundamental Curve**NTIA Chapter 5 Other NTIA-CH5-5.3.3.1.1.b-1-F NTIA-CH5-5.3.3.1.1.b-1-F, Page: 28****Severity: FAILURE****Description:**

This curve does not meet unwanted emission standards when employing digital transmitters in the Fixed service band 1710 to 15350 MHz (point-to-point or transportable). See section 5.3.3.1.1.b of the NTIA Manual.

Fundamental Curve**NTIA Chapter 5 Other NTIA-CH5-5.3.3.1.1.b-1-F NTIA-CH5-5.3.3.1.1.b-1-F, Page: 28****Severity: FAILURE**

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| CLASSIFICATION | UNCLASSIFIED | PAGE 147 |
| COMPLIANCE CHECK REPORT | | |
| Description: This curve does not meet unwanted emission standards when employing digital transmitters in the Fixed service band 1710 to 15350 MHz (point-to-point or transportable). See section 5.3.3.1.1.b of the NTIA Manual. | | |
| Fundamental Curve NTIA Chapter 5 Other NTIA-CH5-5.3.3.1.1.b-1-F NTIA-CH5-5.3.3.1.1.b-1-F, Page: 29 Severity: FAILURE Description: This curve does not meet unwanted emission standards when employing digital transmitters in the Fixed service band 1710 to 15350 MHz (point-to-point or transportable). See section 5.3.3.1.1.b of the NTIA Manual. | | |
| Fundamental Curve NTIA Chapter 5 Other NTIA-CH5-5.3.3.1.1.b-1-F NTIA-CH5-5.3.3.1.1.b-1-F, Page: 30 Severity: FAILURE Description: This curve does not meet unwanted emission standards when employing digital transmitters in the Fixed service band 1710 to 15350 MHz (point-to-point or transportable). See section 5.3.3.1.1.b of the NTIA Manual. | | |
| Fundamental Curve NTIA Chapter 5 Other NTIA-CH5-5.3.3.1.1.b-1-F NTIA-CH5-5.3.3.1.1.b-1-F, Page: 30 Severity: FAILURE Description: This curve does not meet unwanted emission standards when employing digital transmitters in the Fixed service band 1710 to 15350 MHz (point-to-point or transportable). See section 5.3.3.1.1.b of the NTIA Manual. | | |
| Fundamental Curve NTIA Chapter 5 Other NTIA-CH5-5.3.3.1.1.b-1-F NTIA-CH5-5.3.3.1.1.b-1-F, Page: 31 Severity: FAILURE Description: This curve does not meet unwanted emission standards when employing digital transmitters in the Fixed service band 1710 to 15350 MHz (point-to-point or transportable). See section 5.3.3.1.1.b of the NTIA Manual. | | |
| Fundamental Curve NTIA Chapter 5 Other NTIA-CH5-5.3.3.1.1.b-1-F NTIA-CH5-5.3.3.1.1.b-1-F, Page: 32 Severity: FAILURE Description: This curve does not meet unwanted emission standards when employing digital transmitters in the Fixed service band 1710 to 15350 MHz (point-to-point or transportable). See section 5.3.3.1.1.b of the NTIA Manual. | | |
| Fundamental Curve NTIA Chapter 5 Other NTIA-CH5-5.3.3.1.1.b-1-F NTIA-CH5-5.3.3.1.1.b-1-F, Page: 32 Severity: FAILURE Description: This curve does not meet unwanted emission standards when employing digital transmitters in the Fixed service band 1710 to 15350 MHz (point-to-point or transportable). See section 5.3.3.1.1.b of the NTIA Manual. | | |
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| CLASSIFICATION | UNCLASSIFIED | |

COMPLIANCE CHECK REPORT

Fundamental Curve**NTIA Chapter 5 Other NTIA-CH5-5.3.3.1.1.b-1-F NTIA-CH5-5.3.3.1.1.b-1-F, Page: 33****Severity: FAILURE****Description:**

This curve does not meet unwanted emission standards when employing digital transmitters in the Fixed service band 1710 to 15350 MHz (point-to-point or transportable). See section 5.3.3.1.1.b of the NTIA Manual.

Fundamental Curve**NTIA Chapter 5 Other NTIA-CH5-5.3.3.1.1.b-1-F NTIA-CH5-5.3.3.1.1.b-1-F, Page: 34****Severity: FAILURE****Description:**

This curve does not meet unwanted emission standards when employing digital transmitters in the Fixed service band 1710 to 15350 MHz (point-to-point or transportable). See section 5.3.3.1.1.b of the NTIA Manual.

Fundamental Curve**NTIA Chapter 5 Other NTIA-CH5-5.3.3.1.1.b-1-F NTIA-CH5-5.3.3.1.1.b-1-F, Page: 34****Severity: FAILURE****Description:**

This curve does not meet unwanted emission standards when employing digital transmitters in the Fixed service band 1710 to 15350 MHz (point-to-point or transportable). See section 5.3.3.1.1.b of the NTIA Manual.

Fundamental Curve**NTIA Chapter 5 Other NTIA-CH5-5.3.3.1.1.b-1-F NTIA-CH5-5.3.3.1.1.b-1-F, Page: 35****Severity: FAILURE****Description:**

This curve does not meet unwanted emission standards when employing digital transmitters in the Fixed service band 1710 to 15350 MHz (point-to-point or transportable). See section 5.3.3.1.1.b of the NTIA Manual.

Fundamental Curve**NTIA Chapter 5 Other NTIA-CH5-5.3.3.1.1.b-1-F NTIA-CH5-5.3.3.1.1.b-1-F, Page: 36****Severity: FAILURE****Description:**

This curve does not meet unwanted emission standards when employing digital transmitters in the Fixed service band 1710 to 15350 MHz (point-to-point or transportable). See section 5.3.3.1.1.b of the NTIA Manual.

Fundamental Curve**NTIA Chapter 5 Other NTIA-CH5-5.3.3.1.1.b-1-F NTIA-CH5-5.3.3.1.1.b-1-F, Page: 36****Severity: FAILURE****Description:**

This curve does not meet unwanted emission standards when employing digital transmitters in the Fixed service band 1710 to 15350 MHz (point-to-point or transportable). See section 5.3.3.1.1.b of the NTIA Manual.

Fundamental Curve**NTIA Chapter 5 Other NTIA-CH5-5.3.3.1.1.b-1-F NTIA-CH5-5.3.3.1.1.b-1-F, Page: 37****Severity: FAILURE**

COMPLIANCE CHECK REPORT

Description:

This curve does not meet unwanted emission standards when employing digital transmitters in the Fixed service band 1710 to 15350 MHz (point-to-point or transportable). See section 5.3.3.1.1.b of the NTIA Manual.

Fundamental Curve

NTIA Chapter 5 Other NTIA-CH5-5.3.3.1.1.b-1-F NTIA-CH5-5.3.3.1.1.b-1-F, Page: 38

Severity: FAILURE

Description:

This curve does not meet unwanted emission standards when employing digital transmitters in the Fixed service band 1710 to 15350 MHz (point-to-point or transportable). See section 5.3.3.1.1.b of the NTIA Manual.

Fundamental Curve

NTIA Chapter 5 Other NTIA-CH5-5.3.3.1.1.b-1-F NTIA-CH5-5.3.3.1.1.b-1-F, Page: 38

Severity: FAILURE

Description:

This curve does not meet unwanted emission standards when employing digital transmitters in the Fixed service band 1710 to 15350 MHz (point-to-point or transportable). See section 5.3.3.1.1.b of the NTIA Manual.

Fundamental Curve

NTIA Chapter 5 Other NTIA-CH5-5.3.3.1.1.b-1-F NTIA-CH5-5.3.3.1.1.b-1-F, Page: 39

Severity: FAILURE

Description:

This curve does not meet unwanted emission standards when employing digital transmitters in the Fixed service band 1710 to 15350 MHz (point-to-point or transportable). See section 5.3.3.1.1.b of the NTIA Manual.

Fundamental Curve

NTIA Chapter 5 Other NTIA-CH5-5.3.3.1.1.b-1-F NTIA-CH5-5.3.3.1.1.b-1-F, Page: 40

Severity: FAILURE

Description:

This curve does not meet unwanted emission standards when employing digital transmitters in the Fixed service band 1710 to 15350 MHz (point-to-point or transportable). See section 5.3.3.1.1.b of the NTIA Manual.

Fundamental Curve

NTIA Chapter 5 Other NTIA-CH5-5.3.3.1.1.b-1-F NTIA-CH5-5.3.3.1.1.b-1-F, Page: 40

Severity: FAILURE

Description:

This curve does not meet unwanted emission standards when employing digital transmitters in the Fixed service band 1710 to 15350 MHz (point-to-point or transportable). See section 5.3.3.1.1.b of the NTIA Manual.

Fundamental Curve

NTIA Chapter 5 Other NTIA-CH5-5.3.3.1.1.b-1-F NTIA-CH5-5.3.3.1.1.b-1-F, Page: 41

Severity: FAILURE

Description:

This curve does not meet unwanted emission standards when employing digital transmitters in the Fixed service band 1710 to 15350 MHz (point-to-point or transportable). See section 5.3.3.1.1.b of the NTIA Manual.

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| CLASSIFICATION UNCLASSIFIED | PAGE 150 |
| COMPLIANCE CHECK REPORT | |
| <p>Fundamental Curve NTIA Chapter 5 Other NTIA-CH5-5.3.3.1.1.b-1-F NTIA-CH5-5.3.3.1.1.b-1-F, Page: 42 Severity: FAILURE Description: This curve does not meet unwanted emission standards when employing digital transmitters in the Fixed service band 1710 to 15350 MHz (point-to-point or transportable). See section 5.3.3.1.1.b of the NTIA Manual.</p> | |
| <p>Fundamental Curve NTIA Chapter 5 Other NTIA-CH5-5.3.3.1.1.b-1-F NTIA-CH5-5.3.3.1.1.b-1-F, Page: 42 Severity: FAILURE Description: This curve does not meet unwanted emission standards when employing digital transmitters in the Fixed service band 1710 to 15350 MHz (point-to-point or transportable). See section 5.3.3.1.1.b of the NTIA Manual.</p> | |
| <p>Fundamental Curve NTIA Chapter 5 Other NTIA-CH5-5.3.3.1.1.b-1-F NTIA-CH5-5.3.3.1.1.b-1-F, Page: 43 Severity: FAILURE Description: This curve does not meet unwanted emission standards when employing digital transmitters in the Fixed service band 1710 to 15350 MHz (point-to-point or transportable). See section 5.3.3.1.1.b of the NTIA Manual.</p> | |
| <p>Fundamental Curve NTIA Chapter 5 Other NTIA-CH5-5.3.3.1.1.b-1-F NTIA-CH5-5.3.3.1.1.b-1-F, Page: 44 Severity: FAILURE Description: This curve does not meet unwanted emission standards when employing digital transmitters in the Fixed service band 1710 to 15350 MHz (point-to-point or transportable). See section 5.3.3.1.1.b of the NTIA Manual.</p> | |
| <p>Fundamental Curve NTIA Chapter 5 Other NTIA-CH5-5.3.3.1.1.b-1-F NTIA-CH5-5.3.3.1.1.b-1-F, Page: 44 Severity: FAILURE Description: This curve does not meet unwanted emission standards when employing digital transmitters in the Fixed service band 1710 to 15350 MHz (point-to-point or transportable). See section 5.3.3.1.1.b of the NTIA Manual.</p> | |
| <p>Receiver: (U) Eclipse Radio IRU600 MP 8 GHz RX NTIA General NTIA-Gen-0015, Page: 45 Severity: NOTE Description: There are other versions of Receiver records with this nomenclature in the database. You may wish to replace this Receiver with one of those other versions by right-clicking on the Receiver and choosing "Replace Receiver".</p> | |
| <p>Sensitivity: (U) 40M0G7W NTIA General NTIA-Gen-0099-F, Page: 45 Severity: FAILURE Description: At stage 4, each Emission Designator must have entered Intermod Rejection and Spurious Rejection.</p> | |
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| CLASSIFICATION UNCLASSIFIED | |

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| CLASSIFICATION | UNCLASSIFIED | PAGE 151 |
| COMPLIANCE CHECK REPORT | | |
| Sensitivity: (U) 40M0D7W NTIA General NTIA-Gen-0099-F, Page: 46 Severity: FAILURE Description: At stage 4, each Emission Designator must have entered Intermod Rejection and Spurious Rejection. | | |
| Sensitivity: (U) 40M0D7W NTIA General NTIA-Gen-0099-F, Page: 48 Severity: FAILURE Description: At stage 4, each Emission Designator must have entered Intermod Rejection and Spurious Rejection. | | |
| Sensitivity: (U) 40M0D7W NTIA General NTIA-Gen-0099-F, Page: 49 Severity: FAILURE Description: At stage 4, each Emission Designator must have entered Intermod Rejection and Spurious Rejection. | | |
| Sensitivity: (U) 40M0D7W NTIA General NTIA-Gen-0099-F, Page: 51 Severity: FAILURE Description: At stage 4, each Emission Designator must have entered Intermod Rejection and Spurious Rejection. | | |
| Sensitivity: (U) 40M0D7W NTIA General NTIA-Gen-0099-F, Page: 52 Severity: FAILURE Description: At stage 4, each Emission Designator must have entered Intermod Rejection and Spurious Rejection. | | |
| Sensitivity: (U) 40M0D7W NTIA General NTIA-Gen-0099-F, Page: 54 Severity: FAILURE Description: At stage 4, each Emission Designator must have entered Intermod Rejection and Spurious Rejection. | | |
| Sensitivity: (U) 40M0D7W NTIA General NTIA-Gen-0099-F, Page: 55 Severity: FAILURE Description: At stage 4, each Emission Designator must have entered Intermod Rejection and Spurious Rejection. | | |
| Sensitivity: (U) 40M0D7W NTIA General NTIA-Gen-0099-F, Page: 57 Severity: FAILURE Description: At stage 4, each Emission Designator must have entered Intermod Rejection and Spurious Rejection. | | |
| Sensitivity: (U) 40M0D7W NTIA General NTIA-Gen-0099-F, Page: 58 Severity: FAILURE Description: At stage 4, each Emission Designator must have entered Intermod Rejection and Spurious Rejection. | | |
| CLASSIFICATION | UNCLASSIFIED | |

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| CLASSIFICATION | UNCLASSIFIED | PAGE 152 |
| COMPLIANCE CHECK REPORT | | |
| Sensitivity: (U) 30M0D7W NTIA General NTIA-Gen-0099-F, Page: 60 Severity: FAILURE Description: At stage 4, each Emission Designator must have entered Intermod Rejection and Spurious Rejection. | | |
| Sensitivity: (U) 30M0G7W NTIA General NTIA-Gen-0099-F, Page: 61 Severity: FAILURE Description: At stage 4, each Emission Designator must have entered Intermod Rejection and Spurious Rejection. | | |
| Sensitivity: (U) 30M0D7W NTIA General NTIA-Gen-0099-F, Page: 62 Severity: FAILURE Description: At stage 4, each Emission Designator must have entered Intermod Rejection and Spurious Rejection. | | |
| Sensitivity: (U) 30M0D7W NTIA General NTIA-Gen-0099-F, Page: 64 Severity: FAILURE Description: At stage 4, each Emission Designator must have entered Intermod Rejection and Spurious Rejection. | | |
| Sensitivity: (U) 30M0D7W NTIA General NTIA-Gen-0099-F, Page: 65 Severity: FAILURE Description: At stage 4, each Emission Designator must have entered Intermod Rejection and Spurious Rejection. | | |
| Sensitivity: (U) 30M0D7W NTIA General NTIA-Gen-0099-F, Page: 67 Severity: FAILURE Description: At stage 4, each Emission Designator must have entered Intermod Rejection and Spurious Rejection. | | |
| Sensitivity: (U) 30M0D7W NTIA General NTIA-Gen-0099-F, Page: 68 Severity: FAILURE Description: At stage 4, each Emission Designator must have entered Intermod Rejection and Spurious Rejection. | | |
| Sensitivity: (U) 30M0D7W NTIA General NTIA-Gen-0099-F, Page: 70 Severity: FAILURE Description: At stage 4, each Emission Designator must have entered Intermod Rejection and Spurious Rejection. | | |
| Sensitivity: (U) 30M0D7W NTIA General NTIA-Gen-0099-F, Page: 71 Severity: FAILURE Description: At stage 4, each Emission Designator must have entered Intermod Rejection and Spurious Rejection. | | |
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| CLASSIFICATION | UNCLASSIFIED | |

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| CLASSIFICATION | UNCLASSIFIED | PAGE 153 |
| COMPLIANCE CHECK REPORT | | |
| Sensitivity: (U) 30M0D7W NTIA General NTIA-Gen-0099-F, Page: 73 Severity: FAILURE Description: At stage 4, each Emission Designator must have entered Intermod Rejection and Spurious Rejection. | | |
| Sensitivity: (U) 10M0D7W NTIA General NTIA-Gen-0099-F, Page: 74 Severity: FAILURE Description: At stage 4, each Emission Designator must have entered Intermod Rejection and Spurious Rejection. | | |
| Sensitivity: (U) 10M0G7W NTIA General NTIA-Gen-0099-F, Page: 75 Severity: FAILURE Description: At stage 4, each Emission Designator must have entered Intermod Rejection and Spurious Rejection. | | |
| Sensitivity: (U) 10M0D7W NTIA General NTIA-Gen-0099-F, Page: 77 Severity: FAILURE Description: At stage 4, each Emission Designator must have entered Intermod Rejection and Spurious Rejection. | | |
| Sensitivity: (U) 10M0D7W NTIA General NTIA-Gen-0099-F, Page: 78 Severity: FAILURE Description: At stage 4, each Emission Designator must have entered Intermod Rejection and Spurious Rejection. | | |
| Sensitivity: (U) 10M0D7W NTIA General NTIA-Gen-0099-F, Page: 80 Severity: FAILURE Description: At stage 4, each Emission Designator must have entered Intermod Rejection and Spurious Rejection. | | |
| Sensitivity: (U) 10M0D7W NTIA General NTIA-Gen-0099-F, Page: 81 Severity: FAILURE Description: At stage 4, each Emission Designator must have entered Intermod Rejection and Spurious Rejection. | | |
| Sensitivity: (U) 10M0D7W NTIA General NTIA-Gen-0099-F, Page: 83 Severity: FAILURE Description: At stage 4, each Emission Designator must have entered Intermod Rejection and Spurious Rejection. | | |
| Sensitivity: (U) 10M0D7W NTIA General NTIA-Gen-0099-F, Page: 84 Severity: FAILURE Description: At stage 4, each Emission Designator must have entered Intermod Rejection and Spurious Rejection. | | |
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| CLASSIFICATION | UNCLASSIFIED | |

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| CLASSIFICATION | UNCLASSIFIED | PAGE 154 |
| COMPLIANCE CHECK REPORT | | |
| Sensitivity: (U) 60M0D7W NTIA General NTIA-Gen-0099-F, Page: 86 Severity: FAILURE Description: At stage 4, each Emission Designator must have entered Intermod Rejection and Spurious Rejection. | | |
| Sensitivity: (U) 60M0D7W NTIA General NTIA-Gen-0099-F, Page: 87 Severity: FAILURE Description: At stage 4, each Emission Designator must have entered Intermod Rejection and Spurious Rejection. | | |
| Sensitivity: (U) 60M0D7W NTIA General NTIA-Gen-0099-F, Page: 89 Severity: FAILURE Description: At stage 4, each Emission Designator must have entered Intermod Rejection and Spurious Rejection. | | |
| Sensitivity: (U) 60M0D7W NTIA General NTIA-Gen-0099-F, Page: 90 Severity: FAILURE Description: At stage 4, each Emission Designator must have entered Intermod Rejection and Spurious Rejection. | | |
| Sensitivity: (U) 60M0D7W NTIA General NTIA-Gen-0099-F, Page: 92 Severity: FAILURE Description: At stage 4, each Emission Designator must have entered Intermod Rejection and Spurious Rejection. | | |
| Sensitivity: (U) 60M0D7W NTIA General NTIA-Gen-0099-F, Page: 93 Severity: FAILURE Description: At stage 4, each Emission Designator must have entered Intermod Rejection and Spurious Rejection. | | |
| Sensitivity: (U) 60M0D7W NTIA General NTIA-Gen-0099-F, Page: 95 Severity: FAILURE Description: At stage 4, each Emission Designator must have entered Intermod Rejection and Spurious Rejection. | | |
| Sensitivity: (U) 60M0D7W NTIA General NTIA-Gen-0099-F, Page: 96 Severity: FAILURE Description: At stage 4, each Emission Designator must have entered Intermod Rejection and Spurious Rejection. | | |
| Sensitivity: (U) 60M0D7W NTIA General NTIA-Gen-0099-F, Page: 98 Severity: FAILURE Description: At stage 4, each Emission Designator must have entered Intermod Rejection and Spurious Rejection. | | |
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| CLASSIFICATION | UNCLASSIFIED | |

COMPLIANCE CHECK REPORT

Sensitivity: (U) 60M0G7W**NTIA General NTIA-Gen-0099-F, Page: 99****Severity: FAILURE****Description:**

At stage 4, each Emission Designator must have entered Intermod Rejection and Spurious Rejection.

Antenna: (U) 6 ft DP UHP WB Hi-XPB Dish**NTIA General NTIA-Gen-0020, Page: 101****Severity: NOTE****Description:**

There are other versions of Antenna records with this nomenclature in the database. Review the other versions for possible duplication or error by right-clicking the Antenna and choosing "Show Similar Versions". You may wish to replace this Antenna with one of those other versions by right-clicking on the Antenna and choosing "Replace Antenna".

Antenna: (U) 6 ft DP UHP WB Hi-XPB Dish**NTIA General NTIA-Gen-0032, Page: 101****Severity: WARNING****Description:**

The Manufacturer is not listed in the pre-defined manufacturer table. Make sure this is a valid new manufacturer and not a variation of an existing manufacturer or a mis-spelling before sending this Certification to NTIA.

Antenna: (U) 6 ft DP HP WB Hi-XPB Dish**NTIA General NTIA-Gen-0020, Page: 102****Severity: NOTE****Description:**

There are other versions of Antenna records with this nomenclature in the database. Review the other versions for possible duplication or error by right-clicking the Antenna and choosing "Show Similar Versions". You may wish to replace this Antenna with one of those other versions by right-clicking on the Antenna and choosing "Replace Antenna".

Antenna: (U) 6 ft DP HP WB Hi-XPB Dish**NTIA General NTIA-Gen-0032, Page: 102****Severity: WARNING****Description:**

The Manufacturer is not listed in the pre-defined manufacturer table. Make sure this is a valid new manufacturer and not a variation of an existing manufacturer or a mis-spelling before sending this Certification to NTIA.

Antenna: (U) 4 ft SP HP WB LP**NTIA General NTIA-Gen-0020, Page: 103****Severity: NOTE****Description:**

There are other versions of Antenna records with this nomenclature in the database. Review the other versions for possible duplication or error by right-clicking the Antenna and choosing "Show Similar Versions". You may wish to replace this Antenna with one of those other versions by right-clicking on the Antenna and choosing "Replace Antenna".

Antenna: (U) 4 ft SP HP WB LP**NTIA General NTIA-Gen-0032, Page: 103****Severity: WARNING**

COMPLIANCE CHECK REPORT

Description:

The Manufacturer is not listed in the pre-defined manufacturer table. Make sure this is a valid new manufacturer and not a variation of an existing manufacturer or a mis-spelling before sending this Certification to NTIA.

Antenna: (U) 12 ft SP STD WB Dish

NTIA General NTIA-Gen-0020, Page: 104

Severity: NOTE

Description:

There are other versions of Antenna records with this nomenclature in the database. Review the other versions for possible duplication or error by right-clicking the Antenna and choosing "Show Similar Versions". You may wish to replace this Antenna with one of those other versions by right-clicking on the Antenna and choosing "Replace Antenna".

Antenna: (U) 12 ft SP STD WB Dish

NTIA General NTIA-Gen-0032, Page: 104

Severity: WARNING

Description:

The Manufacturer is not listed in the pre-defined manufacturer table. Make sure this is a valid new manufacturer and not a variation of an existing manufacturer or a mis-spelling before sending this Certification to NTIA.

Antenna: (U) 12 ft DP HP WB Dish

NTIA General NTIA-Gen-0020, Page: 105

Severity: NOTE

Description:

There are other versions of Antenna records with this nomenclature in the database. Review the other versions for possible duplication or error by right-clicking the Antenna and choosing "Show Similar Versions". You may wish to replace this Antenna with one of those other versions by right-clicking on the Antenna and choosing "Replace Antenna".

Antenna: (U) 12 ft DP HP WB Dish

NTIA General NTIA-Gen-0032, Page: 105

Severity: WARNING

Description:

The Manufacturer is not listed in the pre-defined manufacturer table. Make sure this is a valid new manufacturer and not a variation of an existing manufacturer or a mis-spelling before sending this Certification to NTIA.

Antenna: (U) 12 ft SP HP WB Dish

NTIA General NTIA-Gen-0020, Page: 106

Severity: NOTE

Description:

There are other versions of Antenna records with this nomenclature in the database. Review the other versions for possible duplication or error by right-clicking the Antenna and choosing "Show Similar Versions". You may wish to replace this Antenna with one of those other versions by right-clicking on the Antenna and choosing "Replace Antenna".

Antenna: (U) 12 ft SP HP WB Dish

NTIA General NTIA-Gen-0032, Page: 106

Severity: WARNING

COMPLIANCE CHECK REPORT

Description:

The Manufacturer is not listed in the pre-defined manufacturer table. Make sure this is a valid new manufacturer and not a variation of an existing manufacturer or a mis-spelling before sending this Certification to NTIA.

Antenna: (U) 10 ft SP STD WB Dish**NTIA General NTIA-Gen-0020, Page: 107****Severity: NOTE****Description:**

There are other versions of Antenna records with this nomenclature in the database. Review the other versions for possible duplication or error by right-clicking the Antenna and choosing "Show Similar Versions". You may wish to replace this Antenna with one of those other versions by right-clicking on the Antenna and choosing "Replace Antenna".

Antenna: (U) 10 ft SP STD WB Dish**NTIA General NTIA-Gen-0032, Page: 107****Severity: WARNING****Description:**

The Manufacturer is not listed in the pre-defined manufacturer table. Make sure this is a valid new manufacturer and not a variation of an existing manufacturer or a mis-spelling before sending this Certification to NTIA.

Antenna: (U) 10 ft DP HP WB Dish**NTIA General NTIA-Gen-0020, Page: 108****Severity: NOTE****Description:**

There are other versions of Antenna records with this nomenclature in the database. Review the other versions for possible duplication or error by right-clicking the Antenna and choosing "Show Similar Versions". You may wish to replace this Antenna with one of those other versions by right-clicking on the Antenna and choosing "Replace Antenna".

Antenna: (U) 10 ft DP HP WB Dish**NTIA General NTIA-Gen-0032, Page: 108****Severity: WARNING****Description:**

The Manufacturer is not listed in the pre-defined manufacturer table. Make sure this is a valid new manufacturer and not a variation of an existing manufacturer or a mis-spelling before sending this Certification to NTIA.

Antenna: (U) 10 ft SP HP WB**NTIA General NTIA-Gen-0020, Page: 109****Severity: NOTE****Description:**

There are other versions of Antenna records with this nomenclature in the database. Review the other versions for possible duplication or error by right-clicking the Antenna and choosing "Show Similar Versions". You may wish to replace this Antenna with one of those other versions by right-clicking on the Antenna and choosing "Replace Antenna".

Antenna: (U) 10 ft SP HP WB**NTIA General NTIA-Gen-0032, Page: 109****Severity: WARNING**

COMPLIANCE CHECK REPORT

Description:

The Manufacturer is not listed in the pre-defined manufacturer table. Make sure this is a valid new manufacturer and not a variation of an existing manufacturer or a mis-spelling before sending this Certification to NTIA.

Antenna: (U) 8 ft SP STD WB Dish

NTIA General NTIA-Gen-0020, Page: 110

Severity: NOTE

Description:

There are other versions of Antenna records with this nomenclature in the database. Review the other versions for possible duplication or error by right-clicking the Antenna and choosing "Show Similar Versions". You may wish to replace this Antenna with one of those other versions by right-clicking on the Antenna and choosing "Replace Antenna".

Antenna: (U) 8 ft SP STD WB Dish

NTIA General NTIA-Gen-0032, Page: 110

Severity: WARNING

Description:

The Manufacturer is not listed in the pre-defined manufacturer table. Make sure this is a valid new manufacturer and not a variation of an existing manufacturer or a mis-spelling before sending this Certification to NTIA.

Antenna: (U) 8 ft DP HP WB Dish

NTIA General NTIA-Gen-0020, Page: 111

Severity: NOTE

Description:

There are other versions of Antenna records with this nomenclature in the database. Review the other versions for possible duplication or error by right-clicking the Antenna and choosing "Show Similar Versions". You may wish to replace this Antenna with one of those other versions by right-clicking on the Antenna and choosing "Replace Antenna".

Antenna: (U) 8 ft DP HP WB Dish

NTIA General NTIA-Gen-0032, Page: 111

Severity: WARNING

Description:

The Manufacturer is not listed in the pre-defined manufacturer table. Make sure this is a valid new manufacturer and not a variation of an existing manufacturer or a mis-spelling before sending this Certification to NTIA.

Antenna: (U) 8 ft SP HP WB Dish

NTIA General NTIA-Gen-0020, Page: 112

Severity: NOTE

Description:

There are other versions of Antenna records with this nomenclature in the database. Review the other versions for possible duplication or error by right-clicking the Antenna and choosing "Show Similar Versions". You may wish to replace this Antenna with one of those other versions by right-clicking on the Antenna and choosing "Replace Antenna".

Antenna: (U) 8 ft SP HP WB Dish

NTIA General NTIA-Gen-0032, Page: 112

Severity: WARNING

COMPLIANCE CHECK REPORT

Description:

The Manufacturer is not listed in the pre-defined manufacturer table. Make sure this is a valid new manufacturer and not a variation of an existing manufacturer or a mis-spelling before sending this Certification to NTIA.

Antenna: (U) 6 ft DP HP WB LP Dish

NTIA General NTIA-Gen-0020, Page: 113

Severity: NOTE

Description:

There are other versions of Antenna records with this nomenclature in the database. Review the other versions for possible duplication or error by right-clicking the Antenna and choosing "Show Similar Versions". You may wish to replace this Antenna with one of those other versions by right-clicking on the Antenna and choosing "Replace Antenna".

Antenna: (U) 6 ft DP HP WB LP Dish

NTIA General NTIA-Gen-0032, Page: 113

Severity: WARNING

Description:

The Manufacturer is not listed in the pre-defined manufacturer table. Make sure this is a valid new manufacturer and not a variation of an existing manufacturer or a mis-spelling before sending this Certification to NTIA.

Antenna: (U) 6 ft SP HP WB LP

NTIA General NTIA-Gen-0020, Page: 114

Severity: NOTE

Description:

There are other versions of Antenna records with this nomenclature in the database. Review the other versions for possible duplication or error by right-clicking the Antenna and choosing "Show Similar Versions". You may wish to replace this Antenna with one of those other versions by right-clicking on the Antenna and choosing "Replace Antenna".

Antenna: (U) 6 ft SP HP WB LP

NTIA General NTIA-Gen-0032, Page: 114

Severity: WARNING

Description:

The Manufacturer is not listed in the pre-defined manufacturer table. Make sure this is a valid new manufacturer and not a variation of an existing manufacturer or a mis-spelling before sending this Certification to NTIA.

Antenna: (U) 4 ft DP HP WB LP

NTIA General NTIA-Gen-0020, Page: 115

Severity: NOTE

Description:

There are other versions of Antenna records with this nomenclature in the database. Review the other versions for possible duplication or error by right-clicking the Antenna and choosing "Show Similar Versions". You may wish to replace this Antenna with one of those other versions by right-clicking on the Antenna and choosing "Replace Antenna".

Antenna: (U) 4 ft DP HP WB LP

NTIA General NTIA-Gen-0032, Page: 115

Severity: WARNING

COMPLIANCE CHECK REPORT

Description:

The Manufacturer is not listed in the pre-defined manufacturer table. Make sure this is a valid new manufacturer and not a variation of an existing manufacturer or a mis-spelling before sending this Certification to NTIA.

Antenna: (U) 4 ft DP HP WB Dish

NTIA General NTIA-Gen-0020, Page: 116

Severity: NOTE

Description:

There are other versions of Antenna records with this nomenclature in the database. Review the other versions for possible duplication or error by right-clicking the Antenna and choosing "Show Similar Versions". You may wish to replace this Antenna with one of those other versions by right-clicking on the Antenna and choosing "Replace Antenna".

Antenna: (U) 4 ft DP HP WB Dish

NTIA General NTIA-Gen-0032, Page: 116

Severity: WARNING

Description:

The Manufacturer is not listed in the pre-defined manufacturer table. Make sure this is a valid new manufacturer and not a variation of an existing manufacturer or a mis-spelling before sending this Certification to NTIA.

Antenna: (U) 4 Ft SP HP WB Dish

NTIA General NTIA-Gen-0020, Page: 117

Severity: NOTE

Description:

There are other versions of Antenna records with this nomenclature in the database. Review the other versions for possible duplication or error by right-clicking the Antenna and choosing "Show Similar Versions". You may wish to replace this Antenna with one of those other versions by right-clicking on the Antenna and choosing "Replace Antenna".

Antenna: (U) 4 Ft SP HP WB Dish

NTIA General NTIA-Gen-0032, Page: 117

Severity: WARNING

Description:

The Manufacturer is not listed in the pre-defined manufacturer table. Make sure this is a valid new manufacturer and not a variation of an existing manufacturer or a mis-spelling before sending this Certification to NTIA.

Antenna: (U) 4 ft Sentinel HP SP 7G

NTIA General NTIA-Gen-0020, Page: 118

Severity: NOTE

Description:

There are other versions of Antenna records with this nomenclature in the database. Review the other versions for possible duplication or error by right-clicking the Antenna and choosing "Show Similar Versions". You may wish to replace this Antenna with one of those other versions by right-clicking on the Antenna and choosing "Replace Antenna".

Antenna: (U) 4 ft Sentinel HP SP 7G

NTIA General NTIA-Gen-0032, Page: 118

Severity: WARNING

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|--|--------------|----------|
| CLASSIFICATION | UNCLASSIFIED | PAGE 161 |
| COMPLIANCE CHECK REPORT | | |
| Description: The Manufacturer is not listed in the pre-defined manufacturer table. Make sure this is a valid new manufacturer and not a variation of an existing manufacturer or a mis-spelling before sending this Certification to NTIA. | | |
| Antenna: (U) 8 ft DP UHP 8G Dish NTIA General NTIA-Gen-0032, Page: 119 Severity: WARNING Description: The Manufacturer is not listed in the pre-defined manufacturer table. Make sure this is a valid new manufacturer and not a variation of an existing manufacturer or a mis-spelling before sending this Certification to NTIA. | | |
| Antenna: (U) 12 ft DP UHP 8G Dish NTIA General NTIA-Gen-0032, Page: 120 Severity: WARNING Description: The Manufacturer is not listed in the pre-defined manufacturer table. Make sure this is a valid new manufacturer and not a variation of an existing manufacturer or a mis-spelling before sending this Certification to NTIA. | | |
| Antenna: (U) 10 ft DP UHP 8G Dish NTIA General NTIA-Gen-0032, Page: 121 Severity: WARNING Description: The Manufacturer is not listed in the pre-defined manufacturer table. Make sure this is a valid new manufacturer and not a variation of an existing manufacturer or a mis-spelling before sending this Certification to NTIA. | | |
| Antenna: (U) 4 ft DP HP Hi-XPD 8G Dish NTIA General NTIA-Gen-0032, Page: 122 Severity: WARNING Description: The Manufacturer is not listed in the pre-defined manufacturer table. Make sure this is a valid new manufacturer and not a variation of an existing manufacturer or a mis-spelling before sending this Certification to NTIA. | | |
| Antenna: (U) 12 ft DP HP Hi-XPD 8G Dish NTIA General NTIA-Gen-0032, Page: 123 Severity: WARNING Description: The Manufacturer is not listed in the pre-defined manufacturer table. Make sure this is a valid new manufacturer and not a variation of an existing manufacturer or a mis-spelling before sending this Certification to NTIA. | | |
| Antenna: (U) 10 ft DP HP Hi-XPD 8G Dish NTIA General NTIA-Gen-0032, Page: 124 Severity: WARNING Description: The Manufacturer is not listed in the pre-defined manufacturer table. Make sure this is a valid new manufacturer and not a variation of an existing manufacturer or a mis-spelling before sending this Certification to NTIA. | | |
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| CLASSIFICATION | UNCLASSIFIED | |

COMPLIANCE CHECK REPORT

Antenna: (U) 10 ft DP Std 8G Dish

NTIA General NTIA-Gen-0032, Page: 125

Severity: WARNING**Description:**

The Manufacturer is not listed in the pre-defined manufacturer table. Make sure this is a valid new manufacturer and not a variation of an existing manufacturer or a mis-spelling before sending this Certification to NTIA.

Antenna: (U) 8 ft DP HP Hi-XPD 8G Dish

NTIA General NTIA-Gen-0032, Page: 126

Severity: WARNING**Description:**

The Manufacturer is not listed in the pre-defined manufacturer table. Make sure this is a valid new manufacturer and not a variation of an existing manufacturer or a mis-spelling before sending this Certification to NTIA.

Antenna: (U) 4ft SP STD 8G

NTIA General NTIA-Gen-0032, Page: 127

Severity: WARNING**Description:**

The Manufacturer is not listed in the pre-defined manufacturer table. Make sure this is a valid new manufacturer and not a variation of an existing manufacturer or a mis-spelling before sending this Certification to NTIA.

Antenna: (U) 12 ft DP UHP WB Hi-XPD Dish

NTIA General NTIA-Gen-0020, Page: 128

Severity: NOTE**Description:**

There are other versions of Antenna records with this nomenclature in the database. Review the other versions for possible duplication or error by right-clicking the Antenna and choosing "Show Similar Versions". You may wish to replace this Antenna with one of those other versions by right-clicking on the Antenna and choosing "Replace Antenna".

Antenna: (U) 12 ft DP UHP WB Hi-XPD Dish

NTIA General NTIA-Gen-0032, Page: 128

Severity: WARNING**Description:**

The Manufacturer is not listed in the pre-defined manufacturer table. Make sure this is a valid new manufacturer and not a variation of an existing manufacturer or a mis-spelling before sending this Certification to NTIA.

Antenna: (U) 10 ft DP UHP WB Hi-XPD Dish

NTIA General NTIA-Gen-0020, Page: 129

Severity: NOTE**Description:**

There are other versions of Antenna records with this nomenclature in the database. Review the other versions for possible duplication or error by right-clicking the Antenna and choosing "Show Similar Versions". You may wish to replace this Antenna with one of those other versions by right-clicking on the Antenna and choosing "Replace Antenna".

Antenna: (U) 10 ft DP UHP WB Hi-XPD Dish

NTIA General NTIA-Gen-0032, Page: 129

Severity: WARNING

COMPLIANCE CHECK REPORT

Description:

The Manufacturer is not listed in the pre-defined manufacturer table. Make sure this is a valid new manufacturer and not a variation of an existing manufacturer or a mis-spelling before sending this Certification to NTIA.

Antenna: (U) 12 ft DP HP WB Hi-XPD Dish

NTIA General NTIA-Gen-0020, Page: 130

Severity: NOTE

Description:

There are other versions of Antenna records with this nomenclature in the database. Review the other versions for possible duplication or error by right-clicking the Antenna and choosing "Show Similar Versions". You may wish to replace this Antenna with one of those other versions by right-clicking on the Antenna and choosing "Replace Antenna".

Antenna: (U) 12 ft DP HP WB Hi-XPD Dish

NTIA General NTIA-Gen-0032, Page: 130

Severity: WARNING

Description:

The Manufacturer is not listed in the pre-defined manufacturer table. Make sure this is a valid new manufacturer and not a variation of an existing manufacturer or a mis-spelling before sending this Certification to NTIA.

Antenna: (U) 10 ft DP HP WB Hi-XPD Dish

NTIA General NTIA-Gen-0020, Page: 131

Severity: NOTE

Description:

There are other versions of Antenna records with this nomenclature in the database. Review the other versions for possible duplication or error by right-clicking the Antenna and choosing "Show Similar Versions". You may wish to replace this Antenna with one of those other versions by right-clicking on the Antenna and choosing "Replace Antenna".

Antenna: (U) 10 ft DP HP WB Hi-XPD Dish

NTIA General NTIA-Gen-0032, Page: 131

Severity: WARNING

Description:

The Manufacturer is not listed in the pre-defined manufacturer table. Make sure this is a valid new manufacturer and not a variation of an existing manufacturer or a mis-spelling before sending this Certification to NTIA.

Antenna: (U) 8 ft DP STD WB Dish 7G

NTIA General NTIA-Gen-0020, Page: 132

Severity: NOTE

Description:

There are other versions of Antenna records with this nomenclature in the database. Review the other versions for possible duplication or error by right-clicking the Antenna and choosing "Show Similar Versions". You may wish to replace this Antenna with one of those other versions by right-clicking on the Antenna and choosing "Replace Antenna".

Antenna: (U) 8 ft DP STD WB Dish 7G

NTIA General NTIA-Gen-0032, Page: 132

Severity: WARNING

COMPLIANCE CHECK REPORT

Description:

The Manufacturer is not listed in the pre-defined manufacturer table. Make sure this is a valid new manufacturer and not a variation of an existing manufacturer or a mis-spelling before sending this Certification to NTIA.

Antenna: (U) 4 ft Sentinel HP DP 7G

NTIA General NTIA-Gen-0020, Page: 133

Severity: NOTE

Description:

There are other versions of Antenna records with this nomenclature in the database. Review the other versions for possible duplication or error by right-clicking the Antenna and choosing "Show Similar Versions". You may wish to replace this Antenna with one of those other versions by right-clicking on the Antenna and choosing "Replace Antenna".

Antenna: (U) 4 ft Sentinel HP DP 7G

NTIA General NTIA-Gen-0032, Page: 133

Severity: WARNING

Description:

The Manufacturer is not listed in the pre-defined manufacturer table. Make sure this is a valid new manufacturer and not a variation of an existing manufacturer or a mis-spelling before sending this Certification to NTIA.

Antenna: (U) 2ft DP HP WB LP

NTIA Chapter 5 Other NTIA-CH5-5.3.3.3.c-7-1-Aperture-F, Page: 134

Severity: FAILURE

Description:

This aperture antenna does not meet the maximum beamwidth standard (2.5 degrees) in Table 5.3.3 for 7.125 to 8.5 GHz. See section 5.3.3.3.c of the NTIA Manual.

Antenna: (U) 2ft DP HP WB LP

NTIA Chapter 5 Other NTIA-CH5-5.3.3.3.c-7-2-F, Page: 134

Severity: FAILURE

Description:

This antenna does not meet the radiation pattern standard of Table 5.3.3 for 7.125 to 8.5 GHz. See section 5.3.3.3.c of the NTIA Manual.

Antenna: (U) 2ft DP HP WB LP

NTIA General NTIA-Gen-0020, Page: 134

Severity: NOTE

Description:

There are other versions of Antenna records with this nomenclature in the database. Review the other versions for possible duplication or error by right-clicking the Antenna and choosing "Show Similar Versions". You may wish to replace this Antenna with one of those other versions by right-clicking on the Antenna and choosing "Replace Antenna".

Antenna: (U) 2ft DP HP WB LP

NTIA General NTIA-Gen-0032, Page: 134

Severity: WARNING

Description:

The Manufacturer is not listed in the pre-defined manufacturer table. Make sure this is a valid new manufacturer and not a variation of an existing manufacturer or a mis-spelling before sending this Certification to NTIA.

COMPLIANCE CHECK REPORT

Antenna: (U) 2ft SP HP WB LP**NTIA Chapter 5 Other NTIA-CH5-5.3.3.3.c-7-1-Aperture-F, Page: 135****Severity: FAILURE****Description:**

This aperture antenna does not meet the maximum beamwidth standard (2.5 degrees) in Table 5.3.3 for 7.125 to 8.5 GHz. See section 5.3.3.3.c of the NTIA Manual.

Antenna: (U) 2ft SP HP WB LP**NTIA Chapter 5 Other NTIA-CH5-5.3.3.3.c-7-2-F, Page: 135****Severity: FAILURE****Description:**

This antenna does not meet the radiation pattern standard of Table 5.3.3 for 7.125 to 8.5 GHz. See section 5.3.3.3.c of the NTIA Manual.

Antenna: (U) 2ft SP HP WB LP**NTIA General NTIA-Gen-0020, Page: 135****Severity: NOTE****Description:**

There are other versions of Antenna records with this nomenclature in the database. Review the other versions for possible duplication or error by right-clicking the Antenna and choosing "Show Similar Versions". You may wish to replace this Antenna with one of those other versions by right-clicking on the Antenna and choosing "Replace Antenna".

Antenna: (U) 2ft SP HP WB LP**NTIA General NTIA-Gen-0032, Page: 135****Severity: WARNING****Description:**

The Manufacturer is not listed in the pre-defined manufacturer table. Make sure this is a valid new manufacturer and not a variation of an existing manufacturer or a mis-spelling before sending this Certification to NTIA.

Antenna: (U) 3ft DP HP WB LP**NTIA General NTIA-Gen-0020, Page: 136****Severity: NOTE****Description:**

There are other versions of Antenna records with this nomenclature in the database. Review the other versions for possible duplication or error by right-clicking the Antenna and choosing "Show Similar Versions". You may wish to replace this Antenna with one of those other versions by right-clicking on the Antenna and choosing "Replace Antenna".

Antenna: (U) 3ft DP HP WB LP**NTIA General NTIA-Gen-0032, Page: 136****Severity: WARNING****Description:**

The Manufacturer is not listed in the pre-defined manufacturer table. Make sure this is a valid new manufacturer and not a variation of an existing manufacturer or a mis-spelling before sending this Certification to NTIA.

Antenna: (U) 3ft SP HP WB LP**NTIA General NTIA-Gen-0020, Page: 137****Severity: NOTE**

COMPLIANCE CHECK REPORT

Description:

There are other versions of Antenna records with this nomenclature in the database. Review the other versions for possible duplication or error by right-clicking the Antenna and choosing "Show Similar Versions". You may wish to replace this Antenna with one of those other versions by right-clicking on the Antenna and choosing "Replace Antenna".

Antenna: (U) 3ft SP HP WB LP**NTIA General NTIA-Gen-0032, Page: 137****Severity: WARNING****Description:**

The Manufacturer is not listed in the pre-defined manufacturer table. Make sure this is a valid new manufacturer and not a variation of an existing manufacturer or a mis-spelling before sending this Certification to NTIA.

Antenna: (U) 8 ft DP UHP WB Hi-XPB Dish**NTIA General NTIA-Gen-0020, Page: 138****Severity: NOTE****Description:**

There are other versions of Antenna records with this nomenclature in the database. Review the other versions for possible duplication or error by right-clicking the Antenna and choosing "Show Similar Versions". You may wish to replace this Antenna with one of those other versions by right-clicking on the Antenna and choosing "Replace Antenna".

Antenna: (U) 8 ft DP UHP WB Hi-XPB Dish**NTIA General NTIA-Gen-0032, Page: 138****Severity: WARNING****Description:**

The Manufacturer is not listed in the pre-defined manufacturer table. Make sure this is a valid new manufacturer and not a variation of an existing manufacturer or a mis-spelling before sending this Certification to NTIA.

Antenna: (U) 8 ft DP HP WB Shielded Dish**NTIA General NTIA-Gen-0020, Page: 139****Severity: NOTE****Description:**

There are other versions of Antenna records with this nomenclature in the database. Review the other versions for possible duplication or error by right-clicking the Antenna and choosing "Show Similar Versions". You may wish to replace this Antenna with one of those other versions by right-clicking on the Antenna and choosing "Replace Antenna".

Antenna: (U) 8 ft DP HP WB Shielded Dish**NTIA General NTIA-Gen-0032, Page: 139****Severity: WARNING****Description:**

The Manufacturer is not listed in the pre-defined manufacturer table. Make sure this is a valid new manufacturer and not a variation of an existing manufacturer or a mis-spelling before sending this Certification to NTIA.

Antenna: (U) 8 ft DP HP WB Hi-XPB Dish**NTIA General NTIA-Gen-0020, Page: 140****Severity: NOTE**

COMPLIANCE CHECK REPORT

Description:

There are other versions of Antenna records with this nomenclature in the database. Review the other versions for possible duplication or error by right-clicking the Antenna and choosing "Show Similar Versions". You may wish to replace this Antenna with one of those other versions by right-clicking on the Antenna and choosing "Replace Antenna".

Antenna: (U) 8 ft DP HP WB Hi-XPD Dish**NTIA General NTIA-Gen-0032, Page: 140****Severity: WARNING****Description:**

The Manufacturer is not listed in the pre-defined manufacturer table. Make sure this is a valid new manufacturer and not a variation of an existing manufacturer or a mis-spelling before sending this Certification to NTIA.

Antenna: (U) 12 ft DP STD WB Dish**NTIA General NTIA-Gen-0020, Page: 141****Severity: NOTE****Description:**

There are other versions of Antenna records with this nomenclature in the database. Review the other versions for possible duplication or error by right-clicking the Antenna and choosing "Show Similar Versions". You may wish to replace this Antenna with one of those other versions by right-clicking on the Antenna and choosing "Replace Antenna".

Antenna: (U) 12 ft DP STD WB Dish**NTIA General NTIA-Gen-0032, Page: 141****Severity: WARNING****Description:**

The Manufacturer is not listed in the pre-defined manufacturer table. Make sure this is a valid new manufacturer and not a variation of an existing manufacturer or a mis-spelling before sending this Certification to NTIA.

Antenna: (U) 12 ft DP HP WB Shielded Dish**NTIA General NTIA-Gen-0020, Page: 142****Severity: NOTE****Description:**

There are other versions of Antenna records with this nomenclature in the database. Review the other versions for possible duplication or error by right-clicking the Antenna and choosing "Show Similar Versions". You may wish to replace this Antenna with one of those other versions by right-clicking on the Antenna and choosing "Replace Antenna".

Antenna: (U) 12 ft DP HP WB Shielded Dish**NTIA General NTIA-Gen-0032, Page: 142****Severity: WARNING****Description:**

The Manufacturer is not listed in the pre-defined manufacturer table. Make sure this is a valid new manufacturer and not a variation of an existing manufacturer or a mis-spelling before sending this Certification to NTIA.

Antenna: (U) 10 ft DP HP WB Shielded Dish**NTIA General NTIA-Gen-0020, Page: 143****Severity: NOTE**

| | |
|---|----------|
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| COMPLIANCE CHECK REPORT | |
| <p>Description: There are other versions of Antenna records with this nomenclature in the database. Review the other versions for possible duplication or error by right-clicking the Antenna and choosing "Show Similar Versions". You may wish to replace this Antenna with one of those other versions by right-clicking on the Antenna and choosing "Replace Antenna".</p> | |
| <p>Antenna: (U) 10 ft DP HP WB Shielded Dish NTIA General NTIA-Gen-0032, Page: 143 Severity: WARNING Description: The Manufacturer is not listed in the pre-defined manufacturer table. Make sure this is a valid new manufacturer and not a variation of an existing manufacturer or a mis-spelling before sending this Certification to NTIA.</p> | |
| CLASSIFICATION UNCLASSIFIED | |

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130. (U) 12 ft DP HP WB Hi-XPD Dish
131. (U) 10 ft DP HP WB Hi-XPD Dish
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133. (U) 4 ft Sentinel HP DP 7G
134. (U) 2ft DP HP WB LP
135. (U) 2ft SP HP WB LP
136. (U) 3ft DP HP WB LP
137. (U) 3ft SP HP WB LP
138. (U) 8 ft DP UHP WB Hi-XPD Dish
139. (U) 8 ft DP HP WB Shielded Dish
140. (U) 8 ft DP HP WB Hi-XPD Dish

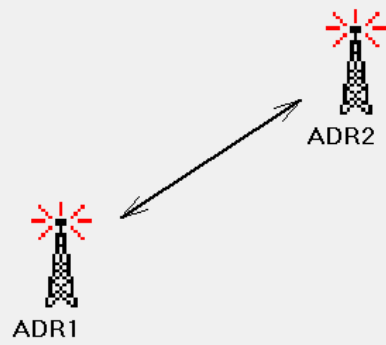
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Line Diagram: Aviat Networks Eclipse Radio IRU600 MP 8 GHz



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