



ASRI RF Interference Reports

AFC Spring 2016 Meeting – Portland, OR

Delta @ DFW

December 2015



- Atlanta radio reports of intermittent bursts of interference with voices in the background.
- Delta suspected it started when AA installed some new Park Air transmitters but these radio checked good.
- Delta thought they heard AA traffic but later heard what sounded like ATC traffic.
- ARSI reported and sent audio recording to the FAA, they determined it was not the FAA equipment.
- ASRI monitored the DFW spectrum using the LS Observer to try and ascertain if the interference was caused by APS and AA keying simultaneously. Nothing definitive was found.
- ASRI sending engineer to DFW to investigate further.
- Case open.

FAA @ BUF

February 2016



- FAA reported interference on 126.600 at Buffalo, NY
- Interference reported as ACARS bursts
- Listened to FAA recordings and made out Atlanta Radio (Delta). Coordinated testing with FAA and Atlanta Radio 131.45
- Traced to Delta radio at KBUF, radio turned down and will be repaired.
- Ticket closed

Emerson Flight Ops @ SUS

March 2016



- Emerson Flight Operations reported intermittent data bursts.
- Customer assumed that this was a repeat of a previous issue from 2014, where ARINC antenna array was the problem.
- ARINC made antenna adjustments, problem remained.
- Customer replaced radio.
- Ticket closed.



- FAA reported data bursts causing interference.
- ASRI coordinated trouble shooting with ARINC and FAA.
- FAA worked with ARINC and discovered an IM spur in the FAA rx multi coupler.
- FAA Swapped multi coupler.
- Ticket closed

JetBlue @ West Palm Beach, FL

April 2016



- JetBlue reported data bursts causing interference for the last 6 months.
- Attempted a correction by increasing the squelch setting on the receiving radio.
- When testing with SITA, they were unable to establish consistent pattern to support SITA as the source.
- Ticket open.



- FAA reported interference on 127.650 at Waco, TX
- Testing showed spurs from 131.550
- The airport had experienced electrical issues from road construction and a faulty transformer.
- The radio was a ParkAir putting out 30 + watts with spurs.
- ARINC replaced the radio, which eliminated the spurs.
- Ticket closed.