

CVARC 2022 FIELD DAY INTERFERENCE CHECKLIST

FIELD DAY STATION SET UP  
TO MINIMIZE INTERFERENCE

ANTENNA AND TRANSCIEVER SEPARATED FROM OTHER STATIONS  
 ANTENNA ALIGNED END TO END WITH OTHER ANTENNAS  
 - IF A VERTICAL ANTENNA IS IT BROADSIDE TO AND CENTERED ON OTHER DIPOLE  
 FEEDLINE CHOKE OR BALUN AT ANTENNA FEED POINT  
 QUALITY OF COAX SHIELDING ADEQUATE  
 WHAT IS THE ANTENNA SYSTEM SWR?  
 INDEPENDENT BAND PASS FILTER  
 SHORT HIGH QUALITY JUMPER TO STATION  
 STATION BONDED AND GROUNDED

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FIELD DAY RECEIVER CONTROL SETTINGS  
TO MINIMIZE INTERFERENCE

| CONTROL          | ON or OFF | MAX/MIN    |
|------------------|-----------|------------|
| PRE AMP          | OFF       | MIN        |
| ATTENUATOR       | ON        |            |
| NOISE BLANKER    | OFF       |            |
| RF GAIN          | ON        | MIN*       |
| AGC              | ON        | OPTIMIZE** |
| BAND PASS TUNING | ON        | OPTIMIZE   |
| NOISE REDUCTION  | ON        | OPTIMIZE   |
| NOTCH FILTER     | ON        | OPTIMIZE   |

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\* DEPENDS ON CIRCUMSTANCES

\*\* TIME CONSTANT OFF

OPERATING TECHNIQUES  
TO MITIGATE INTERFERENCE

TUNE INTO 2 M FIELD DAY NET - USE IT TO ID SOURCES OF INTERFERENCE  
 USE DIPLOMACY AND EDUCATION TO RESOLVE THE INTERFERENCE  
 IF ON CW STAY TOWARD LOWER END OF THE BAND  
 IF ON SSB STAY TOWARD THE UPPER END OF THE BAND  
 TIME SHARE WITH INTERFERING STATION

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