

Updated 10 May 2019. Added Yaesu FTdx-101D.

| Device Under Test | Noise Floor (dBm) | AGC Thrshld (uV) | dB | 100kHz Blocking (dB) | Sensitivity (uV) | LO Noise (dBc/Hz) | Spacing kHz | Front End Selectivity | Filter Ultimate (dB) | Dynamic Range Wide Spaced (dB) | kHz | Dynamic Range Narrow Spaced (dB) |
|---|---|---|-----|----------------------|---|-------------------|-------------|-----------------------|----------------------|---------------------------------------|------|---------------------------------------|
| <i>LO Noise Corrected 05/10/19</i> Yaesu FTdx-101D  | -127 -136 ^b -141 ⁶ | 4.5 1.6 ^b 0.58 ^{b1} | 3 | >147 | 0.60 0.20 ^b 0.12 ^{b1} | 154 155 | 10 50 | A Trk Presel | >115 | 110 | 20 | 110 |
| <i>Added 9/29/14</i> FlexRadio Systems 6700 Hardware Updated | -118 -135 ^{b2} | 3.0 1.0 ^{b2} | Var | 130 preamp Off | 2.0 0.25 ^{b2} | 145 155 | 10 50 | B Band Pass | 115 | 99 | 20&2 | 108 ^y |
| <i>Added 02/11/18</i> Icom IC-R8600 Second sample S/N 02001177 | -131 -142 ^b -130 ^{ab} | 2.40 0.67 ^b | 3 | 125 | 0.40 0.12 ^b 0.49 ^{ab} | 144 148 | 10 50 | B Half Octave | >100 | 109 ^{ab} 88 ^{ac} | 20 | 107 ^{ab} 88 ^{ac} |
| <i>Added 11/10/15</i> Elecraft K3S | -135 -138 ^b -145 ¹⁰ | 1.5 0.45 ^b | 3 | 150 | 0.27 0.20 ^b 0.08 ¹⁰ | 144 146 | 10 50 | B Band Pass | 110 | 107 ^q | 20 | 106 ^p 106 ^q |
| <i>Added 3/17/17</i> Elecraft K3S 2nd Sample 10 meter data | -135 -138 ^b -145 ¹⁰ | 1.5 0.45 ^b | 3 | 150 | 0.27 0.20 ^b 0.08 ¹⁰ | 144 146 | 10 50 | B Band Pass | 110 | 106 ^{ah} | 20 | 105 ^{ah} |
| <i>Added 02/23/15</i> Elecraft K3 (RX Gain Recal) New Synthesizer | -136 -139 ^{bq} | 1.0 0.3 ^b | 3 | 141 | 0.27 0.20 ^b | 145 147 | 10 50 | B Band Pass | 108 | 105 ^q | 20 | 107 ^p 104 ^q |