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|-------|-----|---|---------|-------|---------|
| 10182 | CAE | LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM) | LTE-FDD | 6.52 | ± 9.6 % |
| 10183 | AAD | LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM) | LTE-FDD | 6.50 | ± 9.6 % |
| 10184 | CAE | LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK) | LTE-FDD | 5.73 | ± 9.6 % |
| 10185 | CAE | LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM) | LTE-FDD | 6.51 | ± 9.6 % |
| 10186 | AAE | LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) | LTE-FDD | 6.50 | ± 9.6 % |
| 10187 | CAF | LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) | LTE-FDD | 5.73 | ± 9.6 % |
| 10188 | CAF | LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) | LTE-FDD | 6.52 | ± 9.6 % |
| 10189 | AAF | LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) | LTE-FDD | 6.50 | ± 9.6 % |
| 10193 | CAD | IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) | WLAN | 8.09 | ± 9.6 % |
| 10194 | CAD | IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM) | WLAN | 8.12 | ± 9.6 % |
| 10195 | CAD | IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM) | WLAN | 8.21 | ± 9.6 % |
| 10196 | CAD | IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK) | WLAN | 8.10 | ± 9.6 % |
| 10197 | CAD | IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM) | WLAN | 8.13 | ± 9.6 % |
| 10198 | CAD | IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM) | WLAN | 8.27 | ± 9.6 % |
| 10219 | CAD | IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK) | WLAN | 8.03 | ± 9.6 % |
| 10220 | CAD | IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM) | WLAN | 8.13 | ± 9.6 % |
| 10221 | CAD | IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM) | WLAN | 8.27 | ± 9.6 % |
| 10222 | CAD | IEEE 802.11n (HT Mixed, 15 Mbps, BPSK) | WLAN | 8.06 | ± 9.6 % |
| 10223 | CAD | IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM) | WLAN | 8.48 | ± 9.6 % |
| 10224 | CAD | IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM) | WLAN | 8.08 | ± 9.6 % |
| 10225 | CAB | UMTS-FDD (HSPA+) | WCDMA | 5.97 | ± 9.6 % |
| 10226 | CAB | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) | LTE-TDD | 9.49 | ± 9.6 % |
| 10227 | CAB | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) | LTE-TDD | 10.26 | ± 9.6 % |
| 10228 | CAB | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) | LTE-TDD | 9.22 | ± 9.6 % |
| 10229 | CAD | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM) | LTE-TDD | 9.48 | ± 9.6 % |
| 10230 | CAD | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) | LTE-TDD | 10.25 | ± 9.6 % |
| 10231 | CAD | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK) | LTE-TDD | 9.19 | ± 9.6 % |
| 10232 | CAG | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM) | LTE-TDD | 9.48 | ± 9.6 % |
| 10233 | CAG | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM) | LTE-TDD | 10.25 | ± 9.6 % |
| 10234 | CAG | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK) | LTE-TDD | 9.21 | ± 9.6 % |
| 10235 | CAG | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM) | LTE-TDD | 9.48 | ± 9.6 % |
| 10236 | CAG | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM) | LTE-TDD | 10.25 | ± 9.6 % |
| 10237 | CAG | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK) | LTE-TDD | 9.21 | ± 9.6 % |
| 10238 | CAF | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM) | LTE-TDD | 9.48 | ± 9.6 % |
| 10239 | CAF | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM) | LTE-TDD | 10.25 | ± 9.6 % |
| 10240 | CAF | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK) | LTE-TDD | 9.21 | ± 9.6 % |
| 10241 | CAB | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM) | LTE-TDD | 9.82 | ± 9.6 % |
| 10242 | CAB | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM) | LTE-TDD | 9.86 | ± 9.6 % |
| 10243 | CAB | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK) | LTE-TDD | 9.46 | ± 9.6 % |
| 10244 | CAD | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM) | LTE-TDD | 10.06 | ± 9.6 % |
| 10245 | CAD | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM) | LTE-TDD | 10.06 | ± 9.6 % |
| 10246 | CAD | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK) | LTE-TDD | 9.30 | ± 9.6 % |
| 10247 | CAG | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) | LTE-TDD | 9.91 | ± 9.6 % |
| 10248 | CAG | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM) | LTE-TDD | 10.09 | ± 9.6 % |
| 10249 | CAG | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK) | LTE-TDD | 9.29 | ± 9.6 % |
| 10250 | CAG | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM) | LTE-TDD | 9.81 | ± 9.6 % |
| 10251 | CAG | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM) | LTE-TDD | 10.17 | ± 9.6 % |
| 10252 | CAG | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK) | LTE-TDD | 9.24 | ± 9.6 % |
| 10253 | CAF | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM) | LTE-TDD | 9.90 | ± 9.6 % |
| 10254 | CAF | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM) | LTE-TDD | 10.14 | ± 9.6 % |
| 10255 | CAF | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK) | LTE-TDD | 9.20 | ± 9.6 % |
| 10256 | CAB | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM) | LTE-TDD | 9.96 | ± 9.6 % |
| 10257 | CAB | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM) | LTE-TDD | 10.08 | ± 9.6 % |
| 10258 | CAB | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK) | LTE-TDD | 9.34 | ± 9.6 % |
| 10259 | CAD | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) | LTE-TDD | 9.98 | ± 9.6 % |
| 10260 | CAD | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM) | LTE-TDD | 9.97 | ± 9.6 % |

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| 10261 | CAD | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK) | LTE-TDD | 9.24 | ± 9.6 % |
| 10262 | CAG | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM) | LTE-TDD | 9.83 | ± 9.6 % |
| 10263 | CAG | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM) | LTE-TDD | 10.16 | ± 9.6 % |
| 10264 | CAG | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK) | LTE-TDD | 9.23 | ± 9.6 % |
| 10265 | CAG | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM) | LTE-TDD | 9.92 | ± 9.6 % |
| 10266 | CAG | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM) | LTE-TDD | 10.07 | ± 9.6 % |
| 10267 | CAG | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK) | LTE-TDD | 9.30 | ± 9.6 % |
| 10268 | CAF | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM) | LTE-TDD | 10.06 | ± 9.6 % |
| 10269 | CAF | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM) | LTE-TDD | 10.13 | ± 9.6 % |
| 10270 | CAF | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK) | LTE-TDD | 9.58 | ± 9.6 % |
| 10274 | CAB | UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10) | WCDMA | 4.87 | ± 9.6 % |
| 10275 | CAB | UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4) | WCDMA | 3.96 | ± 9.6 % |
| 10277 | CAA | PHS (QPSK) | PHS | 11.81 | ± 9.6 % |
| 10278 | CAA | PHS (QPSK, BW 884MHz, Rolloff 0.5) | PHS | 11.81 | ± 9.6 % |
| 10279 | CAA | PHS (QPSK, BW 884MHz, Rolloff 0.38) | PHS | 12.18 | ± 9.6 % |
| 10290 | AAB | CDMA2000, RC1, SO55, Full Rate | CDMA2000 | 3.91 | ± 9.6 % |
| 10291 | AAB | CDMA2000, RC3, SO55, Full Rate | CDMA2000 | 3.46 | ± 9.6 % |
| 10292 | AAB | CDMA2000, RC3, SO32, Full Rate | CDMA2000 | 3.39 | ± 9.6 % |
| 10293 | AAB | CDMA2000, RC3, SO3, Full Rate | CDMA2000 | 3.50 | ± 9.6 % |
| 10295 | AAB | CDMA2000, RC1, SO3, 1/8th Rate 25 fr. | CDMA2000 | 12.49 | ± 9.6 % |
| 10297 | AAD | LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK) | LTE-FDD | 5.81 | ± 9.6 % |
| 10298 | AAD | LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK) | LTE-FDD | 5.72 | ± 9.6 % |
| 10299 | AAD | LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM) | LTE-FDD | 6.39 | ± 9.6 % |
| 10300 | AAD | LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM) | LTE-FDD | 6.60 | ± 9.6 % |
| 10301 | AAA | IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, QPSK, PUSC) | WiMAX | 12.03 | ± 9.6 % |
| 10302 | AAA | IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, QPSK, PUSC, 3CTRL) | WiMAX | 12.57 | ± 9.6 % |
| 10303 | AAA | IEEE 802.16e WiMAX (31:15, 5ms, 10MHz, 64QAM, PUSC) | WiMAX | 12.52 | ± 9.6 % |
| 10304 | AAA | IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, 64QAM, PUSC) | WiMAX | 11.86 | ± 9.6 % |
| 10305 | AAA | IEEE 802.16e WiMAX (31:15, 10ms, 10MHz, 64QAM, PUSC) | WiMAX | 15.24 | ± 9.6 % |
| 10306 | AAA | IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 64QAM, PUSC) | WiMAX | 14.67 | ± 9.6 % |
| 10307 | AAA | IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, QPSK, PUSC) | WiMAX | 14.49 | ± 9.6 % |
| 10308 | AAA | IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 16QAM, PUSC) | WiMAX | 14.46 | ± 9.6 % |
| 10309 | AAA | IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 16QAM, AMC 2x3) | WiMAX | 14.58 | ± 9.6 % |
| 10310 | AAA | IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, QPSK, AMC 2x3) | WiMAX | 14.57 | ± 9.6 % |
| 10311 | AAD | LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK) | LTE-FDD | 6.06 | ± 9.6 % |
| 10313 | AAA | iDEN 1:3 | iDEN | 10.51 | ± 9.6 % |
| 10314 | AAA | iDEN 1:6 | iDEN | 13.48 | ± 9.6 % |
| 10315 | AAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc dc) | WLAN | 1.71 | ± 9.6 % |
| 10316 | AAB | IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc dc) | WLAN | 8.36 | ± 9.6 % |
| 10317 | AAD | IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc dc) | WLAN | 8.36 | ± 9.6 % |
| 10352 | AAA | Pulse Waveform (200Hz, 10%) | Generic | 10.00 | ± 9.6 % |
| 10353 | AAA | Pulse Waveform (200Hz, 20%) | Generic | 6.99 | ± 9.6 % |
| 10354 | AAA | Pulse Waveform (200Hz, 40%) | Generic | 3.98 | ± 9.6 % |
| 10355 | AAA | Pulse Waveform (200Hz, 60%) | Generic | 2.22 | ± 9.6 % |
| 10356 | AAA | Pulse Waveform (200Hz, 80%) | Generic | 0.97 | ± 9.6 % |
| 10387 | AAA | QPSK Waveform, 1 MHz | Generic | 5.10 | ± 9.6 % |
| 10388 | AAA | QPSK Waveform, 10 MHz | Generic | 5.22 | ± 9.6 % |
| 10396 | AAA | 64-QAM Waveform, 100 kHz | Generic | 6.27 | ± 9.6 % |
| 10399 | AAA | 64-QAM Waveform, 40 MHz | Generic | 6.27 | ± 9.6 % |
| 10400 | AAE | IEEE 802.11ac WiFi (20MHz, 64-QAM, 99pc dc) | WLAN | 8.37 | ± 9.6 % |
| 10401 | AAE | IEEE 802.11ac WiFi (40MHz, 64-QAM, 99pc dc) | WLAN | 8.60 | ± 9.6 % |
| 10402 | AAE | IEEE 802.11ac WiFi (80MHz, 64-QAM, 99pc dc) | WLAN | 8.53 | ± 9.6 % |
| 10403 | AAB | CDMA2000 (1xEV-DO, Rev. 0) | CDMA2000 | 3.76 | ± 9.6 % |
| 10404 | AAB | CDMA2000 (1xEV-DO, Rev. A) | CDMA2000 | 3.77 | ± 9.6 % |
| 10406 | AAB | CDMA2000, RC3, SO32, SCH0, Full Rate | CDMA2000 | 5.22 | ± 9.6 % |
| 10410 | AAG | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Sub=2,3,4,7,8,9) | LTE-TDD | 7.82 | ± 9.6 % |

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| 10414 | AAA | WLAN CCDF, 64-QAM, 40MHz | Generic | 8.54 | ± 9.6 % |
| 10415 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc dc) | WLAN | 1.54 | ± 9.6 % |
| 10416 | AAA | IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc dc) | WLAN | 8.23 | ± 9.6 % |
| 10417 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc dc) | WLAN | 8.23 | ± 9.6 % |
| 10418 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Long) | WLAN | 8.14 | ± 9.6 % |
| 10419 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Short) | WLAN | 8.19 | ± 9.6 % |
| 10422 | AAC | IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK) | WLAN | 8.32 | ± 9.6 % |
| 10423 | AAC | IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM) | WLAN | 8.47 | ± 9.6 % |
| 10424 | AAC | IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM) | WLAN | 8.40 | ± 9.6 % |
| 10425 | AAC | IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK) | WLAN | 8.41 | ± 9.6 % |
| 10426 | AAC | IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM) | WLAN | 8.45 | ± 9.6 % |
| 10427 | AAC | IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM) | WLAN | 8.41 | ± 9.6 % |
| 10430 | AAD | LTE-FDD (OFDMA, 5 MHz, E-TM 3.1) | LTE-FDD | 8.28 | ± 9.6 % |
| 10431 | AAD | LTE-FDD (OFDMA, 10 MHz, E-TM 3.1) | LTE-FDD | 8.38 | ± 9.6 % |
| 10432 | AAC | LTE-FDD (OFDMA, 15 MHz, E-TM 3.1) | LTE-FDD | 8.34 | ± 9.6 % |
| 10433 | AAC | LTE-FDD (OFDMA, 20 MHz, E-TM 3.1) | LTE-FDD | 8.34 | ± 9.6 % |
| 10434 | AAA | W-CDMA (BS Test Model 1, 64 DPCH) | WCDMA | 8.60 | ± 9.6 % |
| 10435 | AAF | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub) | LTE-TDD | 7.82 | ± 9.6 % |
| 10447 | AAD | LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%) | LTE-FDD | 7.56 | ± 9.6 % |
| 10448 | AAD | LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%) | LTE-FDD | 7.53 | ± 9.6 % |
| 10449 | AAC | LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) | LTE-FDD | 7.51 | ± 9.6 % |
| 10450 | AAC | LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) | LTE-FDD | 7.48 | ± 9.6 % |
| 10451 | AAA | W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%) | WCDMA | 7.59 | ± 9.6 % |
| 10453 | AAD | Validation (Square, 10ms, 1ms) | Test | 10.00 | ± 9.6 % |
| 10456 | AAC | IEEE 802.11ac WiFi (160MHz, 64-QAM, 99pc dc) | WLAN | 8.63 | ± 9.6 % |
| 10457 | AAA | UMTS-FDD (DC-HSDPA) | WCDMA | 6.62 | ± 9.6 % |
| 10458 | AAA | CDMA2000 (1xEV-DO, Rev. B, 2 carriers) | CDMA2000 | 6.55 | ± 9.6 % |
| 10459 | AAA | CDMA2000 (1xEV-DO, Rev. B, 3 carriers) | CDMA2000 | 8.25 | ± 9.6 % |
| 10460 | AAA | UMTS-FDD (WCDMA, AMR) | WCDMA | 2.39 | ± 9.6 % |
| 10461 | AAB | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Sub) | LTE-TDD | 7.82 | ± 9.6 % |
| 10462 | AAB | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.30 | ± 9.6 % |
| 10463 | AAB | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.56 | ± 9.6 % |
| 10464 | AAC | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Sub) | LTE-TDD | 7.82 | ± 9.6 % |
| 10465 | AAC | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.32 | ± 9.6 % |
| 10466 | AAC | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.57 | ± 9.6 % |
| 10467 | AAF | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub) | LTE-TDD | 7.82 | ± 9.6 % |
| 10468 | AAF | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.32 | ± 9.6 % |
| 10469 | AAF | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.56 | ± 9.6 % |
| 10470 | AAF | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Sub) | LTE-TDD | 7.82 | ± 9.6 % |
| 10471 | AAF | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.32 | ± 9.6 % |
| 10472 | AAF | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.57 | ± 9.6 % |
| 10473 | AAE | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Sub) | LTE-TDD | 7.82 | ± 9.6 % |
| 10474 | AAE | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.32 | ± 9.6 % |
| 10475 | AAE | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.57 | ± 9.6 % |
| 10477 | AAF | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.32 | ± 9.6 % |
| 10478 | AAF | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.57 | ± 9.6 % |
| 10479 | AAB | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Sub) | LTE-TDD | 7.74 | ± 9.6 % |
| 10480 | AAB | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.18 | ± 9.6 % |
| 10481 | AAB | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.45 | ± 9.6 % |
| 10482 | AAC | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Sub) | LTE-TDD | 7.71 | ± 9.6 % |
| 10483 | AAC | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, Sub) | LTE-TDD | 8.39 | ± 9.6 % |
| 10484 | AAC | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.47 | ± 9.6 % |
| 10485 | AAF | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Sub) | LTE-TDD | 7.59 | ± 9.6 % |
| 10486 | AAF | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.38 | ± 9.6 % |
| 10487 | AAF | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.60 | ± 9.6 % |
| 10488 | AAF | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Sub) | LTE-TDD | 7.70 | ± 9.6 % |

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| 10489 | AAF | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.31 | ± 9.6 % |
| 10490 | AAF | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.54 | ± 9.6 % |
| 10491 | AAE | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Sub) | LTE-TDD | 7.74 | ± 9.6 % |
| 10492 | AAE | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.41 | ± 9.6 % |
| 10493 | AAE | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.55 | ± 9.6 % |
| 10494 | AAF | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Sub) | LTE-TDD | 7.74 | ± 9.6 % |
| 10495 | AAF | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.37 | ± 9.6 % |
| 10496 | AAF | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.54 | ± 9.6 % |
| 10497 | AAB | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Sub) | LTE-TDD | 7.67 | ± 9.6 % |
| 10498 | AAB | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.40 | ± 9.6 % |
| 10499 | AAB | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.68 | ± 9.6 % |
| 10500 | AAC | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Sub) | LTE-TDD | 7.67 | ± 9.6 % |
| 10501 | AAC | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.44 | ± 9.6 % |
| 10502 | AAC | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.52 | ± 9.6 % |
| 10503 | AAF | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Sub) | LTE-TDD | 7.72 | ± 9.6 % |
| 10504 | AAF | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.31 | ± 9.6 % |
| 10505 | AAF | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.54 | ± 9.6 % |
| 10506 | AAF | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Sub) | LTE-TDD | 7.74 | ± 9.6 % |
| 10507 | AAF | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.36 | ± 9.6 % |
| 10508 | AAF | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.55 | ± 9.6 % |
| 10509 | AAE | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Sub) | LTE-TDD | 7.99 | ± 9.6 % |
| 10510 | AAE | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.49 | ± 9.6 % |
| 10511 | AAE | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.51 | ± 9.6 % |
| 10512 | AAF | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Sub) | LTE-TDD | 7.74 | ± 9.6 % |
| 10513 | AAF | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.42 | ± 9.6 % |
| 10514 | AAF | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.45 | ± 9.6 % |
| 10515 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 99pc dc) | WLAN | 1.58 | ± 9.6 % |
| 10516 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc dc) | WLAN | 1.57 | ± 9.6 % |
| 10517 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc dc) | WLAN | 1.58 | ± 9.6 % |
| 10518 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc dc) | WLAN | 8.23 | ± 9.6 % |
| 10519 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc dc) | WLAN | 8.39 | ± 9.6 % |
| 10520 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc dc) | WLAN | 8.12 | ± 9.6 % |
| 10521 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc dc) | WLAN | 7.97 | ± 9.6 % |
| 10522 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc dc) | WLAN | 8.45 | ± 9.6 % |
| 10523 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc dc) | WLAN | 8.08 | ± 9.6 % |
| 10524 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc dc) | WLAN | 8.27 | ± 9.6 % |
| 10525 | AAC | IEEE 802.11ac WiFi (20MHz, MCS0, 99pc dc) | WLAN | 8.36 | ± 9.6 % |
| 10526 | AAC | IEEE 802.11ac WiFi (20MHz, MCS1, 99pc dc) | WLAN | 8.42 | ± 9.6 % |
| 10527 | AAC | IEEE 802.11ac WiFi (20MHz, MCS2, 99pc dc) | WLAN | 8.21 | ± 9.6 % |
| 10528 | AAC | IEEE 802.11ac WiFi (20MHz, MCS3, 99pc dc) | WLAN | 8.36 | ± 9.6 % |
| 10529 | AAC | IEEE 802.11ac WiFi (20MHz, MCS4, 99pc dc) | WLAN | 8.36 | ± 9.6 % |
| 10531 | AAC | IEEE 802.11ac WiFi (20MHz, MCS6, 99pc dc) | WLAN | 8.43 | ± 9.6 % |
| 10532 | AAC | IEEE 802.11ac WiFi (20MHz, MCS7, 99pc dc) | WLAN | 8.29 | ± 9.6 % |
| 10533 | AAC | IEEE 802.11ac WiFi (20MHz, MCS8, 99pc dc) | WLAN | 8.38 | ± 9.6 % |
| 10534 | AAC | IEEE 802.11ac WiFi (40MHz, MCS0, 99pc dc) | WLAN | 8.45 | ± 9.6 % |
| 10535 | AAC | IEEE 802.11ac WiFi (40MHz, MCS1, 99pc dc) | WLAN | 8.45 | ± 9.6 % |
| 10536 | AAC | IEEE 802.11ac WiFi (40MHz, MCS2, 99pc dc) | WLAN | 8.32 | ± 9.6 % |
| 10537 | AAC | IEEE 802.11ac WiFi (40MHz, MCS3, 99pc dc) | WLAN | 8.44 | ± 9.6 % |
| 10538 | AAC | IEEE 802.11ac WiFi (40MHz, MCS4, 99pc dc) | WLAN | 8.54 | ± 9.6 % |
| 10540 | AAC | IEEE 802.11ac WiFi (40MHz, MCS6, 99pc dc) | WLAN | 8.39 | ± 9.6 % |
| 10541 | AAC | IEEE 802.11ac WiFi (40MHz, MCS7, 99pc dc) | WLAN | 8.46 | ± 9.6 % |
| 10542 | AAC | IEEE 802.11ac WiFi (40MHz, MCS8, 99pc dc) | WLAN | 8.65 | ± 9.6 % |
| 10543 | AAC | IEEE 802.11ac WiFi (40MHz, MCS9, 99pc dc) | WLAN | 8.65 | ± 9.6 % |
| 10544 | AAC | IEEE 802.11ac WiFi (80MHz, MCS0, 99pc dc) | WLAN | 8.47 | ± 9.6 % |
| 10545 | AAC | IEEE 802.11ac WiFi (80MHz, MCS1, 99pc dc) | WLAN | 8.55 | ± 9.6 % |
| 10546 | AAC | IEEE 802.11ac WiFi (80MHz, MCS2, 99pc dc) | WLAN | 8.35 | ± 9.6 % |

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|-------|-----|---|------|------|---------|
| 10547 | AAC | IEEE 802.11ac WiFi (80MHz, MCS3, 99pc dc) | WLAN | 8.49 | ± 9.6 % |
| 10548 | AAC | IEEE 802.11ac WiFi (80MHz, MCS4, 99pc dc) | WLAN | 8.37 | ± 9.6 % |
| 10550 | AAC | IEEE 802.11ac WiFi (80MHz, MCS6, 99pc dc) | WLAN | 8.39 | ± 9.6 % |
| 10551 | AAC | IEEE 802.11ac WiFi (80MHz, MCS7, 99pc dc) | WLAN | 8.50 | ± 9.6 % |
| 10552 | AAC | IEEE 802.11ac WiFi (80MHz, MCS8, 99pc dc) | WLAN | 8.42 | ± 9.6 % |
| 10553 | AAC | IEEE 802.11ac WiFi (80MHz, MCS9, 99pc dc) | WLAN | 8.45 | ± 9.6 % |
| 10554 | AAD | IEEE 802.11ac WiFi (160MHz, MCS0, 99pc dc) | WLAN | 8.48 | ± 9.6 % |
| 10555 | AAD | IEEE 802.11ac WiFi (160MHz, MCS1, 99pc dc) | WLAN | 8.47 | ± 9.6 % |
| 10556 | AAD | IEEE 802.11ac WiFi (160MHz, MCS2, 99pc dc) | WLAN | 8.50 | ± 9.6 % |
| 10557 | AAD | IEEE 802.11ac WiFi (160MHz, MCS3, 99pc dc) | WLAN | 8.52 | ± 9.6 % |
| 10558 | AAD | IEEE 802.11ac WiFi (160MHz, MCS4, 99pc dc) | WLAN | 8.61 | ± 9.6 % |
| 10560 | AAD | IEEE 802.11ac WiFi (160MHz, MCS6, 99pc dc) | WLAN | 8.73 | ± 9.6 % |
| 10561 | AAD | IEEE 802.11ac WiFi (160MHz, MCS7, 99pc dc) | WLAN | 8.56 | ± 9.6 % |
| 10562 | AAD | IEEE 802.11ac WiFi (160MHz, MCS8, 99pc dc) | WLAN | 8.69 | ± 9.6 % |
| 10563 | AAD | IEEE 802.11ac WiFi (160MHz, MCS9, 99pc dc) | WLAN | 8.77 | ± 9.6 % |
| 10564 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc dc) | WLAN | 8.25 | ± 9.6 % |
| 10565 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc dc) | WLAN | 8.45 | ± 9.6 % |
| 10566 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc dc) | WLAN | 8.13 | ± 9.6 % |
| 10567 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc dc) | WLAN | 8.00 | ± 9.6 % |
| 10568 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc dc) | WLAN | 8.37 | ± 9.6 % |
| 10569 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc dc) | WLAN | 8.10 | ± 9.6 % |
| 10570 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc dc) | WLAN | 8.30 | ± 9.6 % |
| 10571 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc dc) | WLAN | 1.99 | ± 9.6 % |
| 10572 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc dc) | WLAN | 1.99 | ± 9.6 % |
| 10573 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc dc) | WLAN | 1.98 | ± 9.6 % |
| 10574 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc dc) | WLAN | 1.98 | ± 9.6 % |
| 10575 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc dc) | WLAN | 8.59 | ± 9.6 % |
| 10576 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc dc) | WLAN | 8.60 | ± 9.6 % |
| 10577 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc dc) | WLAN | 8.70 | ± 9.6 % |
| 10578 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc dc) | WLAN | 8.49 | ± 9.6 % |
| 10579 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc dc) | WLAN | 8.36 | ± 9.6 % |
| 10580 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc dc) | WLAN | 8.76 | ± 9.6 % |
| 10581 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc dc) | WLAN | 8.35 | ± 9.6 % |
| 10582 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc dc) | WLAN | 8.67 | ± 9.6 % |
| 10583 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc dc) | WLAN | 8.59 | ± 9.6 % |
| 10584 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc dc) | WLAN | 8.60 | ± 9.6 % |
| 10585 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc dc) | WLAN | 8.70 | ± 9.6 % |
| 10586 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc dc) | WLAN | 8.49 | ± 9.6 % |
| 10587 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc dc) | WLAN | 8.36 | ± 9.6 % |
| 10588 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc dc) | WLAN | 8.76 | ± 9.6 % |
| 10589 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc dc) | WLAN | 8.35 | ± 9.6 % |
| 10590 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc dc) | WLAN | 8.67 | ± 9.6 % |
| 10591 | AAC | IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc dc) | WLAN | 8.63 | ± 9.6 % |
| 10592 | AAC | IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc dc) | WLAN | 8.79 | ± 9.6 % |
| 10593 | AAC | IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc dc) | WLAN | 8.64 | ± 9.6 % |
| 10594 | AAC | IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc dc) | WLAN | 8.74 | ± 9.6 % |
| 10595 | AAC | IEEE 802.11n (HT Mixed, 20MHz, MCS4, 90pc dc) | WLAN | 8.74 | ± 9.6 % |
| 10596 | AAC | IEEE 802.11n (HT Mixed, 20MHz, MCS5, 90pc dc) | WLAN | 8.71 | ± 9.6 % |
| 10597 | AAC | IEEE 802.11n (HT Mixed, 20MHz, MCS6, 90pc dc) | WLAN | 8.72 | ± 9.6 % |
| 10598 | AAC | IEEE 802.11n (HT Mixed, 20MHz, MCS7, 90pc dc) | WLAN | 8.50 | ± 9.6 % |
| 10599 | AAC | IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc dc) | WLAN | 8.79 | ± 9.6 % |
| 10600 | AAC | IEEE 802.11n (HT Mixed, 40MHz, MCS1, 90pc dc) | WLAN | 8.88 | ± 9.6 % |
| 10601 | AAC | IEEE 802.11n (HT Mixed, 40MHz, MCS2, 90pc dc) | WLAN | 8.82 | ± 9.6 % |
| 10602 | AAC | IEEE 802.11n (HT Mixed, 40MHz, MCS3, 90pc dc) | WLAN | 8.94 | ± 9.6 % |
| 10603 | AAC | IEEE 802.11n (HT Mixed, 40MHz, MCS4, 90pc dc) | WLAN | 9.03 | ± 9.6 % |
| 10604 | AAC | IEEE 802.11n (HT Mixed, 40MHz, MCS5, 90pc dc) | WLAN | 8.76 | ± 9.6 % |

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|-------|-----|---|-----------|-------|---------|
| 10605 | AAC | IEEE 802.11n (HT Mixed, 40MHz, MCS6, 90pc dc) | WLAN | 8.97 | ± 9.6 % |
| 10606 | AAC | IEEE 802.11n (HT Mixed, 40MHz, MCS7, 90pc dc) | WLAN | 8.82 | ± 9.6 % |
| 10607 | AAC | IEEE 802.11ac WiFi (20MHz, MCS0, 90pc dc) | WLAN | 8.64 | ± 9.6 % |
| 10608 | AAC | IEEE 802.11ac WiFi (20MHz, MCS1, 90pc dc) | WLAN | 8.77 | ± 9.6 % |
| 10609 | AAC | IEEE 802.11ac WiFi (20MHz, MCS2, 90pc dc) | WLAN | 8.57 | ± 9.6 % |
| 10610 | AAC | IEEE 802.11ac WiFi (20MHz, MCS3, 90pc dc) | WLAN | 8.78 | ± 9.6 % |
| 10611 | AAC | IEEE 802.11ac WiFi (20MHz, MCS4, 90pc dc) | WLAN | 8.70 | ± 9.6 % |
| 10612 | AAC | IEEE 802.11ac WiFi (20MHz, MCS5, 90pc dc) | WLAN | 8.77 | ± 9.6 % |
| 10613 | AAC | IEEE 802.11ac WiFi (20MHz, MCS6, 90pc dc) | WLAN | 8.94 | ± 9.6 % |
| 10614 | AAC | IEEE 802.11ac WiFi (20MHz, MCS7, 90pc dc) | WLAN | 8.59 | ± 9.6 % |
| 10615 | AAC | IEEE 802.11ac WiFi (20MHz, MCS8, 90pc dc) | WLAN | 8.82 | ± 9.6 % |
| 10616 | AAC | IEEE 802.11ac WiFi (40MHz, MCS0, 90pc dc) | WLAN | 8.82 | ± 9.6 % |
| 10617 | AAC | IEEE 802.11ac WiFi (40MHz, MCS1, 90pc dc) | WLAN | 8.81 | ± 9.6 % |
| 10618 | AAC | IEEE 802.11ac WiFi (40MHz, MCS2, 90pc dc) | WLAN | 8.58 | ± 9.6 % |
| 10619 | AAC | IEEE 802.11ac WiFi (40MHz, MCS3, 90pc dc) | WLAN | 8.86 | ± 9.6 % |
| 10620 | AAC | IEEE 802.11ac WiFi (40MHz, MCS4, 90pc dc) | WLAN | 8.87 | ± 9.6 % |
| 10621 | AAC | IEEE 802.11ac WiFi (40MHz, MCS5, 90pc dc) | WLAN | 8.77 | ± 9.6 % |
| 10622 | AAC | IEEE 802.11ac WiFi (40MHz, MCS6, 90pc dc) | WLAN | 8.68 | ± 9.6 % |
| 10623 | AAC | IEEE 802.11ac WiFi (40MHz, MCS7, 90pc dc) | WLAN | 8.82 | ± 9.6 % |
| 10624 | AAC | IEEE 802.11ac WiFi (40MHz, MCS8, 90pc dc) | WLAN | 8.96 | ± 9.6 % |
| 10625 | AAC | IEEE 802.11ac WiFi (40MHz, MCS9, 90pc dc) | WLAN | 8.96 | ± 9.6 % |
| 10626 | AAC | IEEE 802.11ac WiFi (80MHz, MCS0, 90pc dc) | WLAN | 8.83 | ± 9.6 % |
| 10627 | AAC | IEEE 802.11ac WiFi (80MHz, MCS1, 90pc dc) | WLAN | 8.88 | ± 9.6 % |
| 10628 | AAC | IEEE 802.11ac WiFi (80MHz, MCS2, 90pc dc) | WLAN | 8.71 | ± 9.6 % |
| 10629 | AAC | IEEE 802.11ac WiFi (80MHz, MCS3, 90pc dc) | WLAN | 8.85 | ± 9.6 % |
| 10630 | AAC | IEEE 802.11ac WiFi (80MHz, MCS4, 90pc dc) | WLAN | 8.72 | ± 9.6 % |
| 10631 | AAC | IEEE 802.11ac WiFi (80MHz, MCS5, 90pc dc) | WLAN | 8.81 | ± 9.6 % |
| 10632 | AAC | IEEE 802.11ac WiFi (80MHz, MCS6, 90pc dc) | WLAN | 8.74 | ± 9.6 % |
| 10633 | AAC | IEEE 802.11ac WiFi (80MHz, MCS7, 90pc dc) | WLAN | 8.83 | ± 9.6 % |
| 10634 | AAC | IEEE 802.11ac WiFi (80MHz, MCS8, 90pc dc) | WLAN | 8.80 | ± 9.6 % |
| 10635 | AAC | IEEE 802.11ac WiFi (80MHz, MCS9, 90pc dc) | WLAN | 8.81 | ± 9.6 % |
| 10636 | AAD | IEEE 802.11ac WiFi (160MHz, MCS0, 90pc dc) | WLAN | 8.83 | ± 9.6 % |
| 10637 | AAD | IEEE 802.11ac WiFi (160MHz, MCS1, 90pc dc) | WLAN | 8.79 | ± 9.6 % |
| 10638 | AAD | IEEE 802.11ac WiFi (160MHz, MCS2, 90pc dc) | WLAN | 8.86 | ± 9.6 % |
| 10639 | AAD | IEEE 802.11ac WiFi (160MHz, MCS3, 90pc dc) | WLAN | 8.85 | ± 9.6 % |
| 10640 | AAD | IEEE 802.11ac WiFi (160MHz, MCS4, 90pc dc) | WLAN | 8.98 | ± 9.6 % |
| 10641 | AAD | IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc) | WLAN | 9.06 | ± 9.6 % |
| 10642 | AAD | IEEE 802.11ac WiFi (160MHz, MCS6, 90pc dc) | WLAN | 9.06 | ± 9.6 % |
| 10643 | AAD | IEEE 802.11ac WiFi (160MHz, MCS7, 90pc dc) | WLAN | 8.89 | ± 9.6 % |
| 10644 | AAD | IEEE 802.11ac WiFi (160MHz, MCS8, 90pc dc) | WLAN | 9.05 | ± 9.6 % |
| 10645 | AAD | IEEE 802.11ac WiFi (160MHz, MCS9, 90pc dc) | WLAN | 9.11 | ± 9.6 % |
| 10646 | AAG | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub=2,7) | LTE-TDD | 11.96 | ± 9.6 % |
| 10647 | AAF | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub=2,7) | LTE-TDD | 11.96 | ± 9.6 % |
| 10648 | AAA | CDMA2000 (1x Advanced) | CDMA2000 | 3.45 | ± 9.6 % |
| 10652 | AAE | LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%) | LTE-TDD | 6.91 | ± 9.6 % |
| 10653 | AAE | LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%) | LTE-TDD | 7.42 | ± 9.6 % |
| 10654 | AAD | LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) | LTE-TDD | 6.96 | ± 9.6 % |
| 10655 | AAE | LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) | LTE-TDD | 7.21 | ± 9.6 % |
| 10658 | AAA | Pulse Waveform (200Hz, 10%) | Test | 10.00 | ± 9.6 % |
| 10659 | AAA | Pulse Waveform (200Hz, 20%) | Test | 6.99 | ± 9.6 % |
| 10660 | AAA | Pulse Waveform (200Hz, 40%) | Test | 3.98 | ± 9.6 % |
| 10661 | AAA | Pulse Waveform (200Hz, 60%) | Test | 2.22 | ± 9.6 % |
| 10662 | AAA | Pulse Waveform (200Hz, 80%) | Test | 0.97 | ± 9.6 % |
| 10670 | AAA | Bluetooth Low Energy | Bluetooth | 2.19 | ± 9.6 % |
| 10671 | AAC | IEEE 802.11ax (20MHz, MCS0, 90pc dc) | WLAN | 9.09 | ± 9.6 % |
| 10672 | AAC | IEEE 802.11ax (20MHz, MCS1, 90pc dc) | WLAN | 8.57 | ± 9.6 % |

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|-------|-----|---------------------------------------|------|------|---------|
| 10673 | AAC | IEEE 802.11ax (20MHz, MCS2, 90pc dc) | WLAN | 8.78 | ± 9.6 % |
| 10674 | AAC | IEEE 802.11ax (20MHz, MCS3, 90pc dc) | WLAN | 8.74 | ± 9.6 % |
| 10675 | AAC | IEEE 802.11ax (20MHz, MCS4, 90pc dc) | WLAN | 8.90 | ± 9.6 % |
| 10676 | AAC | IEEE 802.11ax (20MHz, MCS5, 90pc dc) | WLAN | 8.77 | ± 9.6 % |
| 10677 | AAC | IEEE 802.11ax (20MHz, MCS6, 90pc dc) | WLAN | 8.73 | ± 9.6 % |
| 10678 | AAC | IEEE 802.11ax (20MHz, MCS7, 90pc dc) | WLAN | 8.78 | ± 9.6 % |
| 10679 | AAC | IEEE 802.11ax (20MHz, MCS8, 90pc dc) | WLAN | 8.89 | ± 9.6 % |
| 10680 | AAC | IEEE 802.11ax (20MHz, MCS9, 90pc dc) | WLAN | 8.80 | ± 9.6 % |
| 10681 | AAC | IEEE 802.11ax (20MHz, MCS10, 90pc dc) | WLAN | 8.62 | ± 9.6 % |
| 10682 | AAC | IEEE 802.11ax (20MHz, MCS11, 90pc dc) | WLAN | 8.83 | ± 9.6 % |
| 10683 | AAC | IEEE 802.11ax (20MHz, MCS0, 99pc dc) | WLAN | 8.42 | ± 9.6 % |
| 10684 | AAC | IEEE 802.11ax (20MHz, MCS1, 99pc dc) | WLAN | 8.26 | ± 9.6 % |
| 10685 | AAC | IEEE 802.11ax (20MHz, MCS2, 99pc dc) | WLAN | 8.33 | ± 9.6 % |
| 10686 | AAC | IEEE 802.11ax (20MHz, MCS3, 99pc dc) | WLAN | 8.28 | ± 9.6 % |
| 10687 | AAC | IEEE 802.11ax (20MHz, MCS4, 99pc dc) | WLAN | 8.45 | ± 9.6 % |
| 10688 | AAC | IEEE 802.11ax (20MHz, MCS5, 99pc dc) | WLAN | 8.29 | ± 9.6 % |
| 10689 | AAC | IEEE 802.11ax (20MHz, MCS6, 99pc dc) | WLAN | 8.55 | ± 9.6 % |
| 10690 | AAC | IEEE 802.11ax (20MHz, MCS7, 99pc dc) | WLAN | 8.29 | ± 9.6 % |
| 10691 | AAC | IEEE 802.11ax (20MHz, MCS8, 99pc dc) | WLAN | 8.25 | ± 9.6 % |
| 10692 | AAC | IEEE 802.11ax (20MHz, MCS9, 99pc dc) | WLAN | 8.29 | ± 9.6 % |
| 10693 | AAC | IEEE 802.11ax (20MHz, MCS10, 99pc dc) | WLAN | 8.25 | ± 9.6 % |
| 10694 | AAC | IEEE 802.11ax (20MHz, MCS11, 99pc dc) | WLAN | 8.57 | ± 9.6 % |
| 10695 | AAC | IEEE 802.11ax (40MHz, MCS0, 90pc dc) | WLAN | 8.78 | ± 9.6 % |
| 10696 | AAC | IEEE 802.11ax (40MHz, MCS1, 90pc dc) | WLAN | 8.91 | ± 9.6 % |
| 10697 | AAC | IEEE 802.11ax (40MHz, MCS2, 90pc dc) | WLAN | 8.61 | ± 9.6 % |
| 10698 | AAC | IEEE 802.11ax (40MHz, MCS3, 90pc dc) | WLAN | 8.89 | ± 9.6 % |
| 10699 | AAC | IEEE 802.11ax (40MHz, MCS4, 90pc dc) | WLAN | 8.82 | ± 9.6 % |
| 10700 | AAC | IEEE 802.11ax (40MHz, MCS5, 90pc dc) | WLAN | 8.73 | ± 9.6 % |
| 10701 | AAC | IEEE 802.11ax (40MHz, MCS6, 90pc dc) | WLAN | 8.86 | ± 9.6 % |
| 10702 | AAC | IEEE 802.11ax (40MHz, MCS7, 90pc dc) | WLAN | 8.70 | ± 9.6 % |
| 10703 | AAC | IEEE 802.11ax (40MHz, MCS8, 90pc dc) | WLAN | 8.82 | ± 9.6 % |
| 10704 | AAC | IEEE 802.11ax (40MHz, MCS9, 90pc dc) | WLAN | 8.56 | ± 9.6 % |
| 10705 | AAC | IEEE 802.11ax (40MHz, MCS10, 90pc dc) | WLAN | 8.69 | ± 9.6 % |
| 10706 | AAC | IEEE 802.11ax (40MHz, MCS11, 90pc dc) | WLAN | 8.66 | ± 9.6 % |
| 10707 | AAC | IEEE 802.11ax (40MHz, MCS0, 99pc dc) | WLAN | 8.32 | ± 9.6 % |
| 10708 | AAC | IEEE 802.11ax (40MHz, MCS1, 99pc dc) | WLAN | 8.55 | ± 9.6 % |
| 10709 | AAC | IEEE 802.11ax (40MHz, MCS2, 99pc dc) | WLAN | 8.33 | ± 9.6 % |
| 10710 | AAC | IEEE 802.11ax (40MHz, MCS3, 99pc dc) | WLAN | 8.29 | ± 9.6 % |
| 10711 | AAC | IEEE 802.11ax (40MHz, MCS4, 99pc dc) | WLAN | 8.39 | ± 9.6 % |
| 10712 | AAC | IEEE 802.11ax (40MHz, MCS5, 99pc dc) | WLAN | 8.67 | ± 9.6 % |
| 10713 | AAC | IEEE 802.11ax (40MHz, MCS6, 99pc dc) | WLAN | 8.33 | ± 9.6 % |
| 10714 | AAC | IEEE 802.11ax (40MHz, MCS7, 99pc dc) | WLAN | 8.26 | ± 9.6 % |
| 10715 | AAC | IEEE 802.11ax (40MHz, MCS8, 99pc dc) | WLAN | 8.45 | ± 9.6 % |
| 10716 | AAC | IEEE 802.11ax (40MHz, MCS9, 99pc dc) | WLAN | 8.30 | ± 9.6 % |
| 10717 | AAC | IEEE 802.11ax (40MHz, MCS10, 99pc dc) | WLAN | 8.48 | ± 9.6 % |
| 10718 | AAC | IEEE 802.11ax (40MHz, MCS11, 99pc dc) | WLAN | 8.24 | ± 9.6 % |
| 10719 | AAC | IEEE 802.11ax (80MHz, MCS0, 90pc dc) | WLAN | 8.81 | ± 9.6 % |
| 10720 | AAC | IEEE 802.11ax (80MHz, MCS1, 90pc dc) | WLAN | 8.87 | ± 9.6 % |
| 10721 | AAC | IEEE 802.11ax (80MHz, MCS2, 90pc dc) | WLAN | 8.76 | ± 9.6 % |
| 10722 | AAC | IEEE 802.11ax (80MHz, MCS3, 90pc dc) | WLAN | 8.55 | ± 9.6 % |
| 10723 | AAC | IEEE 802.11ax (80MHz, MCS4, 90pc dc) | WLAN | 8.70 | ± 9.6 % |
| 10724 | AAC | IEEE 802.11ax (80MHz, MCS5, 90pc dc) | WLAN | 8.90 | ± 9.6 % |
| 10725 | AAC | IEEE 802.11ax (80MHz, MCS6, 90pc dc) | WLAN | 8.74 | ± 9.6 % |
| 10726 | AAC | IEEE 802.11ax (80MHz, MCS7, 90pc dc) | WLAN | 8.72 | ± 9.6 % |
| 10727 | AAC | IEEE 802.11ax (80MHz, MCS8, 90pc dc) | WLAN | 8.66 | ± 9.6 % |
| 10728 | AAC | IEEE 802.11ax (80MHz, MCS9, 90pc dc) | WLAN | 8.65 | ± 9.6 % |

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|-------|-----|--|---------------|------|---------|
| 10729 | AAC | IEEE 802.11ax (80MHz, MCS10, 90pc dc) | WLAN | 8.64 | ± 9.6 % |
| 10730 | AAC | IEEE 802.11ax (80MHz, MCS11, 90pc dc) | WLAN | 8.67 | ± 9.6 % |
| 10731 | AAC | IEEE 802.11ax (80MHz, MCS0, 99pc dc) | WLAN | 8.42 | ± 9.6 % |
| 10732 | AAC | IEEE 802.11ax (80MHz, MCS1, 99pc dc) | WLAN | 8.46 | ± 9.6 % |
| 10733 | AAC | IEEE 802.11ax (80MHz, MCS2, 99pc dc) | WLAN | 8.40 | ± 9.6 % |
| 10734 | AAC | IEEE 802.11ax (80MHz, MCS3, 99pc dc) | WLAN | 8.25 | ± 9.6 % |
| 10735 | AAC | IEEE 802.11ax (80MHz, MCS4, 99pc dc) | WLAN | 8.33 | ± 9.6 % |
| 10736 | AAC | IEEE 802.11ax (80MHz, MCS5, 99pc dc) | WLAN | 8.27 | ± 9.6 % |
| 10737 | AAC | IEEE 802.11ax (80MHz, MCS6, 99pc dc) | WLAN | 8.36 | ± 9.6 % |
| 10738 | AAC | IEEE 802.11ax (80MHz, MCS7, 99pc dc) | WLAN | 8.42 | ± 9.6 % |
| 10739 | AAC | IEEE 802.11ax (80MHz, MCS8, 99pc dc) | WLAN | 8.29 | ± 9.6 % |
| 10740 | AAC | IEEE 802.11ax (80MHz, MCS9, 99pc dc) | WLAN | 8.48 | ± 9.6 % |
| 10741 | AAC | IEEE 802.11ax (80MHz, MCS10, 99pc dc) | WLAN | 8.40 | ± 9.6 % |
| 10742 | AAC | IEEE 802.11ax (80MHz, MCS11, 99pc dc) | WLAN | 8.43 | ± 9.6 % |
| 10743 | AAC | IEEE 802.11ax (160MHz, MCS0, 90pc dc) | WLAN | 8.94 | ± 9.6 % |
| 10744 | AAC | IEEE 802.11ax (160MHz, MCS1, 90pc dc) | WLAN | 9.16 | ± 9.6 % |
| 10745 | AAC | IEEE 802.11ax (160MHz, MCS2, 90pc dc) | WLAN | 8.93 | ± 9.6 % |
| 10746 | AAC | IEEE 802.11ax (160MHz, MCS3, 90pc dc) | WLAN | 9.11 | ± 9.6 % |
| 10747 | AAC | IEEE 802.11ax (160MHz, MCS4, 90pc dc) | WLAN | 9.04 | ± 9.6 % |
| 10748 | AAC | IEEE 802.11ax (160MHz, MCS5, 90pc dc) | WLAN | 8.93 | ± 9.6 % |
| 10749 | AAC | IEEE 802.11ax (160MHz, MCS6, 90pc dc) | WLAN | 8.90 | ± 9.6 % |
| 10750 | AAC | IEEE 802.11ax (160MHz, MCS7, 90pc dc) | WLAN | 8.79 | ± 9.6 % |
| 10751 | AAC | IEEE 802.11ax (160MHz, MCS8, 90pc dc) | WLAN | 8.82 | ± 9.6 % |
| 10752 | AAC | IEEE 802.11ax (160MHz, MCS9, 90pc dc) | WLAN | 8.81 | ± 9.6 % |
| 10753 | AAC | IEEE 802.11ax (160MHz, MCS10, 90pc dc) | WLAN | 9.00 | ± 9.6 % |
| 10754 | AAC | IEEE 802.11ax (160MHz, MCS11, 90pc dc) | WLAN | 8.94 | ± 9.6 % |
| 10755 | AAC | IEEE 802.11ax (160MHz, MCS0, 99pc dc) | WLAN | 8.64 | ± 9.6 % |
| 10756 | AAC | IEEE 802.11ax (160MHz, MCS1, 99pc dc) | WLAN | 8.77 | ± 9.6 % |
| 10757 | AAC | IEEE 802.11ax (160MHz, MCS2, 99pc dc) | WLAN | 8.77 | ± 9.6 % |
| 10758 | AAC | IEEE 802.11ax (160MHz, MCS3, 99pc dc) | WLAN | 8.69 | ± 9.6 % |
| 10759 | AAC | IEEE 802.11ax (160MHz, MCS4, 99pc dc) | WLAN | 8.58 | ± 9.6 % |
| 10760 | AAC | IEEE 802.11ax (160MHz, MCS5, 99pc dc) | WLAN | 8.49 | ± 9.6 % |
| 10761 | AAC | IEEE 802.11ax (160MHz, MCS6, 99pc dc) | WLAN | 8.58 | ± 9.6 % |
| 10762 | AAC | IEEE 802.11ax (160MHz, MCS7, 99pc dc) | WLAN | 8.49 | ± 9.6 % |
| 10763 | AAC | IEEE 802.11ax (160MHz, MCS8, 99pc dc) | WLAN | 8.53 | ± 9.6 % |
| 10764 | AAC | IEEE 802.11ax (160MHz, MCS9, 99pc dc) | WLAN | 8.54 | ± 9.6 % |
| 10765 | AAC | IEEE 802.11ax (160MHz, MCS10, 99pc dc) | WLAN | 8.54 | ± 9.6 % |
| 10766 | AAC | IEEE 802.11ax (160MHz, MCS11, 99pc dc) | WLAN | 8.51 | ± 9.6 % |
| 10767 | AAE | 5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 7.99 | ± 9.6 % |
| 10768 | AAD | 5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.01 | ± 9.6 % |
| 10769 | AAD | 5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.01 | ± 9.6 % |
| 10770 | AAD | 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.02 | ± 9.6 % |
| 10771 | AAD | 5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.02 | ± 9.6 % |
| 10772 | AAD | 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.23 | ± 9.6 % |
| 10773 | AAD | 5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.03 | ± 9.6 % |
| 10774 | AAD | 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.02 | ± 9.6 % |
| 10775 | AAD | 5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.31 | ± 9.6 % |
| 10776 | AAD | 5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.30 | ± 9.6 % |
| 10777 | AAC | 5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.30 | ± 9.6 % |
| 10778 | AAD | 5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.34 | ± 9.6 % |
| 10779 | AAC | 5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.42 | ± 9.6 % |
| 10780 | AAD | 5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.38 | ± 9.6 % |
| 10781 | AAD | 5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.38 | ± 9.6 % |
| 10782 | AAD | 5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.43 | ± 9.6 % |
| 10783 | AAE | 5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.31 | ± 9.6 % |
| 10784 | AAD | 5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.29 | ± 9.6 % |

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|-------|-----|---|---------------|------|---------|
| 10785 | AAD | 5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.40 | ± 9.6 % |
| 10786 | AAD | 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.35 | ± 9.6 % |
| 10787 | AAD | 5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.44 | ± 9.6 % |
| 10788 | AAD | 5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.39 | ± 9.6 % |
| 10789 | AAD | 5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.37 | ± 9.6 % |
| 10790 | AAD | 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.39 | ± 9.6 % |
| 10791 | AAE | 5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 7.83 | ± 9.6 % |
| 10792 | AAD | 5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 7.92 | ± 9.6 % |
| 10793 | AAD | 5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 7.95 | ± 9.6 % |
| 10794 | AAD | 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 7.82 | ± 9.6 % |
| 10795 | AAD | 5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 7.84 | ± 9.6 % |
| 10796 | AAD | 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 7.82 | ± 9.6 % |
| 10797 | AAD | 5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.01 | ± 9.6 % |
| 10798 | AAD | 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 7.89 | ± 9.6 % |
| 10799 | AAD | 5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 7.93 | ± 9.6 % |
| 10801 | AAD | 5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 7.89 | ± 9.6 % |
| 10802 | AAD | 5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 7.87 | ± 9.6 % |
| 10803 | AAD | 5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 7.93 | ± 9.6 % |
| 10805 | AAD | 5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.34 | ± 9.6 % |
| 10806 | AAD | 5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.37 | ± 9.6 % |
| 10809 | AAD | 5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.34 | ± 9.6 % |
| 10810 | AAD | 5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.34 | ± 9.6 % |
| 10812 | AAD | 5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.35 | ± 9.6 % |
| 10817 | AAE | 5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.35 | ± 9.6 % |
| 10818 | AAD | 5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.34 | ± 9.6 % |
| 10819 | AAD | 5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.33 | ± 9.6 % |
| 10820 | AAD | 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.30 | ± 9.6 % |
| 10821 | AAD | 5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.41 | ± 9.6 % |
| 10822 | AAD | 5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.41 | ± 9.6 % |
| 10823 | AAD | 5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.36 | ± 9.6 % |
| 10824 | AAD | 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.39 | ± 9.6 % |
| 10825 | AAD | 5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.41 | ± 9.6 % |
| 10827 | AAD | 5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.42 | ± 9.6 % |
| 10828 | AAD | 5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.43 | ± 9.6 % |
| 10829 | AAD | 5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.40 | ± 9.6 % |
| 10830 | AAD | 5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 7.63 | ± 9.6 % |
| 10831 | AAD | 5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 7.73 | ± 9.6 % |
| 10832 | AAD | 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 7.74 | ± 9.6 % |
| 10833 | AAD | 5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 7.70 | ± 9.6 % |
| 10834 | AAD | 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 7.75 | ± 9.6 % |
| 10835 | AAD | 5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 7.70 | ± 9.6 % |
| 10836 | AAD | 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 7.66 | ± 9.6 % |
| 10837 | AAD | 5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 7.68 | ± 9.6 % |
| 10839 | AAD | 5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 7.70 | ± 9.6 % |
| 10840 | AAD | 5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 7.67 | ± 9.6 % |
| 10841 | AAD | 5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 7.71 | ± 9.6 % |
| 10843 | AAD | 5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 8.49 | ± 9.6 % |
| 10844 | AAD | 5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 8.34 | ± 9.6 % |
| 10846 | AAD | 5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 8.41 | ± 9.6 % |
| 10854 | AAD | 5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 8.34 | ± 9.6 % |
| 10855 | AAD | 5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 8.36 | ± 9.6 % |
| 10856 | AAD | 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 8.37 | ± 9.6 % |
| 10857 | AAD | 5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 8.35 | ± 9.6 % |
| 10858 | AAD | 5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 8.36 | ± 9.6 % |
| 10859 | AAD | 5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 8.34 | ± 9.6 % |
| 10860 | AAD | 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 8.41 | ± 9.6 % |

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|-------|-----|--|---------------|------|---------|
| 10861 | AAD | 5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 8.40 | ± 9.6 % |
| 10863 | AAD | 5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 8.41 | ± 9.6 % |
| 10864 | AAD | 5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 8.37 | ± 9.6 % |
| 10865 | AAD | 5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 8.41 | ± 9.6 % |
| 10866 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.68 | ± 9.6 % |
| 10868 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.89 | ± 9.6 % |
| 10869 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz) | 5G NR FR2 TDD | 5.75 | ± 9.6 % |
| 10870 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz) | 5G NR FR2 TDD | 5.86 | ± 9.6 % |
| 10871 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz) | 5G NR FR2 TDD | 5.75 | ± 9.6 % |
| 10872 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz) | 5G NR FR2 TDD | 6.52 | ± 9.6 % |
| 10873 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz) | 5G NR FR2 TDD | 6.61 | ± 9.6 % |
| 10874 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz) | 5G NR FR2 TDD | 6.65 | ± 9.6 % |
| 10875 | AAD | 5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz) | 5G NR FR2 TDD | 7.78 | ± 9.6 % |
| 10876 | AAD | 5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz) | 5G NR FR2 TDD | 8.39 | ± 9.6 % |
| 10877 | AAD | 5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz) | 5G NR FR2 TDD | 7.95 | ± 9.6 % |
| 10878 | AAD | 5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz) | 5G NR FR2 TDD | 8.41 | ± 9.6 % |
| 10879 | AAD | 5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz) | 5G NR FR2 TDD | 8.12 | ± 9.6 % |
| 10880 | AAD | 5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz) | 5G NR FR2 TDD | 8.38 | ± 9.6 % |
| 10881 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz) | 5G NR FR2 TDD | 5.75 | ± 9.6 % |
| 10882 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz) | 5G NR FR2 TDD | 5.96 | ± 9.6 % |
| 10883 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz) | 5G NR FR2 TDD | 6.57 | ± 9.6 % |
| 10884 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz) | 5G NR FR2 TDD | 6.53 | ± 9.6 % |
| 10885 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz) | 5G NR FR2 TDD | 6.61 | ± 9.6 % |
| 10886 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz) | 5G NR FR2 TDD | 6.65 | ± 9.6 % |
| 10887 | AAD | 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz) | 5G NR FR2 TDD | 7.78 | ± 9.6 % |
| 10888 | AAD | 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz) | 5G NR FR2 TDD | 8.35 | ± 9.6 % |
| 10889 | AAD | 5G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz) | 5G NR FR2 TDD | 8.02 | ± 9.6 % |
| 10890 | AAD | 5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz) | 5G NR FR2 TDD | 8.40 | ± 9.6 % |
| 10891 | AAD | 5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz) | 5G NR FR2 TDD | 8.13 | ± 9.6 % |
| 10892 | AAD | 5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz) | 5G NR FR2 TDD | 8.41 | ± 9.6 % |
| 10897 | AAC | 5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.66 | ± 9.6 % |
| 10898 | AAB | 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.67 | ± 9.6 % |
| 10899 | AAB | 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.67 | ± 9.6 % |
| 10900 | AAB | 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.68 | ± 9.6 % |
| 10901 | AAB | 5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.68 | ± 9.6 % |
| 10902 | AAB | 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.68 | ± 9.6 % |
| 10903 | AAB | 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.68 | ± 9.6 % |
| 10904 | AAB | 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.68 | ± 9.6 % |
| 10905 | AAB | 5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.68 | ± 9.6 % |
| 10906 | AAB | 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.68 | ± 9.6 % |
| 10907 | AAC | 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.78 | ± 9.6 % |
| 10908 | AAB | 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.93 | ± 9.6 % |
| 10909 | AAB | 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.96 | ± 9.6 % |
| 10910 | AAB | 5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.83 | ± 9.6 % |
| 10911 | AAB | 5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.93 | ± 9.6 % |
| 10912 | AAB | 5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.84 | ± 9.6 % |
| 10913 | AAB | 5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.84 | ± 9.6 % |
| 10914 | AAB | 5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.85 | ± 9.6 % |
| 10915 | AAB | 5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.83 | ± 9.6 % |
| 10916 | AAB | 5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.87 | ± 9.6 % |
| 10917 | AAB | 5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.94 | ± 9.6 % |
| 10918 | AAC | 5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.86 | ± 9.6 % |
| 10919 | AAB | 5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.86 | ± 9.6 % |
| 10920 | AAB | 5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.87 | ± 9.6 % |
| 10921 | AAB | 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.84 | ± 9.6 % |
| 10922 | AAB | 5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.82 | ± 9.6 % |

| | | | | | |
|-------|-----|---|---------------|-------|---------|
| 10923 | AAB | 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.84 | ± 9.6 % |
| 10924 | AAB | 5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.84 | ± 9.6 % |
| 10925 | AAB | 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.95 | ± 9.6 % |
| 10926 | AAB | 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.84 | ± 9.6 % |
| 10927 | AAB | 5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.94 | ± 9.6 % |
| 10928 | AAC | 5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.52 | ± 9.6 % |
| 10929 | AAC | 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.52 | ± 9.6 % |
| 10930 | AAC | 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.52 | ± 9.6 % |
| 10931 | AAC | 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.51 | ± 9.6 % |
| 10932 | AAC | 5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.51 | ± 9.6 % |
| 10933 | AAC | 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.51 | ± 9.6 % |
| 10934 | AAC | 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.51 | ± 9.6 % |
| 10935 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.51 | ± 9.6 % |
| 10936 | AAC | 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.90 | ± 9.6 % |
| 10937 | AAC | 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.77 | ± 9.6 % |
| 10938 | AAC | 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.90 | ± 9.6 % |
| 10939 | AAC | 5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.82 | ± 9.6 % |
| 10940 | AAC | 5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.89 | ± 9.6 % |
| 10941 | AAC | 5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.83 | ± 9.6 % |
| 10942 | AAC | 5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.85 | ± 9.6 % |
| 10943 | AAD | 5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.95 | ± 9.6 % |
| 10944 | AAC | 5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.81 | ± 9.6 % |
| 10945 | AAC | 5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.85 | ± 9.6 % |
| 10946 | AAC | 5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.83 | ± 9.6 % |
| 10947 | AAC | 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.87 | ± 9.6 % |
| 10948 | AAC | 5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.94 | ± 9.6 % |
| 10949 | AAC | 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.87 | ± 9.6 % |
| 10950 | AAC | 5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.94 | ± 9.6 % |
| 10951 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.92 | ± 9.6 % |
| 10952 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) | 5G NR FR1 FDD | 8.25 | ± 9.6 % |
| 10953 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) | 5G NR FR1 FDD | 8.15 | ± 9.6 % |
| 10954 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) | 5G NR FR1 FDD | 8.23 | ± 9.6 % |
| 10955 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) | 5G NR FR1 FDD | 8.42 | ± 9.6 % |
| 10956 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) | 5G NR FR1 FDD | 8.14 | ± 9.6 % |
| 10957 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) | 5G NR FR1 FDD | 8.31 | ± 9.6 % |
| 10958 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) | 5G NR FR1 FDD | 8.61 | ± 9.6 % |
| 10959 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) | 5G NR FR1 FDD | 8.33 | ± 9.6 % |
| 10960 | AAC | 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) | 5G NR FR1 TDD | 9.32 | ± 9.6 % |
| 10961 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) | 5G NR FR1 TDD | 9.36 | ± 9.6 % |
| 10962 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) | 5G NR FR1 TDD | 9.40 | ± 9.6 % |
| 10963 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) | 5G NR FR1 TDD | 9.55 | ± 9.6 % |
| 10964 | AAC | 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 9.29 | ± 9.6 % |
| 10965 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 9.37 | ± 9.6 % |
| 10966 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 9.55 | ± 9.6 % |
| 10967 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 9.42 | ± 9.6 % |
| 10968 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 9.49 | ± 9.6 % |
| 10972 | AAB | 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 11.59 | ± 9.6 % |
| 10973 | AAB | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 9.06 | ± 9.6 % |
| 10974 | AAB | 5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz) | 5G NR FR1 TDD | 10.28 | ± 9.6 % |
| 10978 | AAA | ULLA BDR | ULLA | 2.23 | ± 9.6 % |
| 10979 | AAA | ULLA HDR4 | ULLA | 7.02 | ± 9.6 % |
| 10980 | AAA | ULLA HDR8 | ULLA | 8.82 | ± 9.6 % |
| 10981 | AAA | ULLA HDRp4 | ULLA | 1.50 | ± 9.6 % |
| 10982 | AAA | ULLA HDRp8 | ULLA | 1.44 | ± 9.6 % |
| 10983 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz) | 5G NR FR1 TDD | 9.31 | ± 9.6 % |
| 10984 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz) | 5G NR FR1 TDD | 9.42 | ± 9.6 % |

| | | | | | |
|-------|-----|--|---------------|------|---------|
| 10985 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 9.54 | ± 9.6 % |
| 10986 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 9.50 | ± 9.6 % |
| 10987 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 60 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 9.53 | ± 9.6 % |
| 10988 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 70 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 9.38 | ± 9.6 % |
| 10989 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 80 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 9.33 | ± 9.6 % |
| 10990 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 90 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 9.52 | ± 9.6 % |

^E Uncertainty is determined using the max. deviation from linear response applying rectangular distribution and is expressed for the square of the field value.



Appendix E. Conducted RF Output Power Table

The detailed power table are shown as follows.



Full Power Mode

| Band 2_Ant 2 | | | | | | | | | |
|----------------------------|------------|---------|-----------|-----------------------------|------------------------------|---------------------|-----------------------|-------------|--|
| RF (MHz) | Modulation | RB Size | RB Offset | Power Level Ch./Freq. | Power Margin Ch./Freq. | Power Tol./Freq. | Time-up Time (min) | MPR (dB) | |
| Channel Frequency (MHz) | | | | | | | | | |
| 20 | QPSK | 1 | 0 | 23.74 | 23.92 | 23.82 | 24.5 | 0 | |
| 20 | QPSK | 1 | 48 | 23.76 | 23.94 | 23.84 | | | |
| 20 | QPSK | 1 | 96 | 23.81 | 23.97 | 23.78 | | | |
| 20 | QPSK | 50 | 0 | 23.70 | 23.96 | 23.84 | | | |
| 20 | QPSK | 50 | 24 | 23.74 | 23.94 | 23.84 | | | |
| 20 | QPSK | 50 | 50 | 23.75 | 23.91 | 23.86 | | | |
| 20 | QPSK | 100 | 0 | 23.83 | 23.86 | 23.82 | 23.5 | 1 | |
| 20 | HQAM | 1 | 0 | 23.69 | 23.92 | 23.71 | | | |
| 20 | HQAM | 1 | 48 | 23.74 | 23.90 | 23.79 | | | |
| 20 | HQAM | 1 | 96 | 23.88 | 23.13 | 23.89 | | | |
| 20 | HQAM | 50 | 0 | 23.60 | 23.90 | 23.86 | | | |
| 20 | HQAM | 50 | 24 | 23.85 | 23.90 | 23.85 | | | |
| 20 | HQAM | 50 | 50 | 23.85 | 23.96 | 23.92 | | | |
| 20 | HQAM | 100 | 0 | 23.86 | 23.85 | 23.82 | 22.5 | 2 | |
| 20 | HQAM | 100 | 24 | 23.85 | 23.85 | 23.85 | | | |
| 20 | HQAM | 100 | 50 | 23.85 | 23.85 | 23.85 | | | |
| 20 | HQAM | 1 | 0 | 23.95 | 23.95 | 23.99 | | | |
| 20 | HQAM | 1 | 48 | 23.85 | 23.13 | 23.86 | | | |
| 20 | HQAM | 1 | 96 | 23.85 | 23.13 | 23.86 | | | |
| 20 | HQAM | 50 | 0 | 20.78 | 20.80 | 20.80 | | | |
| 20 | HQAM | 50 | 24 | 20.80 | 20.87 | 20.88 | | | |
| 20 | HQAM | 50 | 50 | 20.79 | 20.81 | 20.81 | 21.5 | 3 | |
| 20 | HQAM | 100 | 0 | 20.88 | 20.86 | 20.81 | | | |
| Channel Frequency (MHz) | | | | | | | | | |
| 15 | QPSK | 1 | 0 | 23.80 | 23.80 | 23.75 | 24.5 | 0 | |
| 15 | QPSK | 1 | 37 | 23.70 | 23.74 | 23.86 | | | |
| 15 | QPSK | 1 | 74 | 23.66 | 23.84 | 23.81 | | | |
| 15 | QPSK | 36 | 0 | 23.75 | 23.91 | 23.78 | | | |
| 15 | QPSK | 36 | 36 | 23.78 | 23.81 | 23.81 | | | |
| 15 | QPSK | 36 | 72 | 23.81 | 23.84 | 23.81 | 23.5 | 1 | |
| 15 | QPSK | 72 | 0 | 23.75 | 23.75 | 23.80 | | | |
| 15 | HQAM | 1 | 0 | 23.60 | 23.88 | 23.15 | | | |
| 15 | HQAM | 1 | 37 | 23.65 | 23.83 | 23.81 | | | |
| 15 | HQAM | 1 | 74 | 23.50 | 23.95 | 23.95 | 23.5 | 1 | |
| 15 | HQAM | 36 | 0 | 23.86 | 23.80 | 23.77 | | | |
| 15 | HQAM | 36 | 36 | 23.81 | 23.84 | 23.84 | | | |
| 15 | HQAM | 36 | 72 | 23.82 | 23.85 | 23.83 | 22.5 | 2 | |
| 15 | HQAM | 72 | 0 | 23.80 | 23.81 | 23.80 | | | |
| 15 | HQAM | 72 | 36 | 23.81 | 23.81 | 23.83 | | | |
| 15 | HQAM | 72 | 72 | 23.82 | 23.81 | 23.83 | 22.5 | 2 | |
| 15 | HQAM | 1 | 0 | 21.72 | 22.01 | 21.83 | | | |
| 15 | HQAM | 1 | 37 | 21.72 | 22.01 | 21.83 | 22.5 | 2 | |
| 15 | HQAM | 1 | 74 | 21.86 | 22.00 | 21.87 | | | |
| 15 | HQAM | 36 | 0 | 20.80 | 20.87 | 20.88 | | | |
| 15 | HQAM | 36 | 36 | 20.77 | 20.85 | 20.83 | | | |
| 15 | HQAM | 36 | 72 | 20.75 | 20.88 | 20.75 | 21.5 | 3 | |
| 15 | HQAM | 72 | 0 | 20.81 | 20.81 | 20.77 | | | |
| Channel Frequency (MHz) | | | | | | | | | |
| 10 | QPSK | 1 | 0 | 23.88 | 23.88 | 23.88 | 24.5 | 0 | |
| 10 | QPSK | 1 | 25 | 23.95 | 23.71 | 23.78 | | | |
| 10 | QPSK | 1 | 49 | 23.83 | 23.89 | 23.72 | | | |
| 10 | QPSK | 36 | 0 | 23.84 | 23.78 | 23.78 | | | |
| 10 | QPSK | 36 | 12 | 23.75 | 23.74 | 23.70 | | | |
| 10 | QPSK | 36 | 25 | 23.70 | 23.80 | 23.80 | 23.5 | 1 | |
| 10 | QPSK | 72 | 0 | 23.84 | 23.78 | 23.86 | | | |
| 10 | QPSK | 72 | 12 | 23.82 | 23.82 | 23.82 | | | |
| 10 | QPSK | 72 | 25 | 23.78 | 23.82 | 23.87 | | | |
| 10 | HQAM | 1 | 0 | 23.92 | 23.92 | 23.97 | | | |
| 10 | HQAM | 1 | 25 | 23.21 | 23.44 | 23.22 | 23.5 | 1 | |
| 10 | HQAM | 1 | 49 | 23.85 | 23.84 | 23.81 | | | |
| 10 | HQAM | 36 | 0 | 21.74 | 21.82 | 21.86 | | | |
| 10 | HQAM | 36 | 12 | 21.80 | 21.84 | 21.83 | 22.5 | 2 | |
| 10 | HQAM | 36 | 25 | 21.75 | 22.08 | 21.86 | | | |
| 10 | HQAM | 72 | 0 | 21.82 | 21.88 | 21.86 | | | |
| 10 | HQAM | 72 | 12 | 21.78 | 21.82 | 21.86 | 22.5 | 2 | |
| 10 | HQAM | 72 | 25 | 21.80 | 21.86 | 21.86 | | | |
| 10 | HQAM | 1 | 0 | 21.82 | 21.88 | 21.86 | | | |
| 10 | HQAM | 1 | 49 | 21.80 | 21.82 | 21.84 | 22.5 | 2 | |
| 10 | HQAM | 36 | 0 | 20.68 | 20.80 | 20.79 | | | |
| 10 | HQAM | 36 | 12 | 20.66 | 20.84 | 20.74 | | | |
| 10 | HQAM | 36 | 25 | 20.70 | 20.81 | 20.84 | 21.5 | 3 | |
| 10 | HQAM | 72 | 0 | 20.77 | 20.84 | 20.71 | | | |
| Channel Frequency (MHz) | | | | | | | | | |
| 5 | QPSK | 1 | 0 | 23.80 | 23.88 | 23.78 | 24.5 | 0 | |
| 5 | QPSK | 1 | 12 | 23.86 | 23.70 | 23.62 | | | |
| 5 | QPSK | 1 | 24 | 23.50 | 23.74 | 23.64 | | | |
| 5 | QPSK | 12 | 0 | 23.70 | 23.83 | 23.78 | | | |
| 5 | QPSK | 12 | 7 | 23.81 | 23.85 | 23.72 | | | |
| 5 | QPSK | 12 | 13 | 23.78 | 23.79 | 23.75 | 23.5 | 1 | |
| 5 | QPSK | 25 | 0 | 23.78 | 23.81 | 23.78 | | | |
| 5 | HQAM | 1 | 0 | 23.62 | 23.98 | 23.10 | | | |
| 5 | HQAM | 1 | 12 | 23.28 | 23.99 | 23.23 | 23.5 | 1 | |
| 5 | HQAM | 1 | 24 | 23.64 | 23.94 | 23.96 | | | |
| 5 | HQAM | 12 | 0 | 21.80 | 21.83 | 21.83 | 22.5 | 2 | |
| 5 | HQAM | 12 | 7 | 21.86 | 21.86 | 21.83 | | | |
| 5 | HQAM | 12 | 13 | 21.82 | 21.89 | 21.79 | | | |
| 5 | HQAM | 25 | 0 | 21.72 | 21.74 | 21.78 | | | |
| 5 | HQAM | 1 | 0 | 21.82 | 21.96 | 21.95 | | | |
| 5 | HQAM | 1 | 12 | 21.77 | 22.03 | 21.89 | 22.5 | 2 | |
| 5 | HQAM | 12 | 7 | 21.87 | 21.87 | 21.81 | | | |
| 5 | HQAM | 12 | 13 | 21.80 | 21.82 | 21.87 | | | |
| 5 | HQAM | 25 | 0 | 20.68 | 20.82 | 20.77 | | | |
| 5 | HQAM | 25 | 7 | 20.85 | 20.88 | 20.80 | 21.5 | 3 | |
| 5 | HQAM | 25 | 13 | 20.75 | 20.86 | 20.83 | | | |
| 5 | HQAM | 25 | 0 | 20.70 | 20.73 | 20.70 | | | |
| Channel Frequency (MHz) | | | | | | | | | |
| 3 | QPSK | 1 | 0 | 23.60 | 23.87 | 23.77 | 24.5 | 0 | |
| 3 | QPSK | 1 | 8 | 23.68 | 23.85 | 23.77 | | | |
| 3 | QPSK | 1 | 14 | 23.63 | 23.74 | 23.66 | | | |
| 3 | QPSK | 8 | 0 | 23.60 | 23.81 | 23.82 | | | |
| 3 | QPSK | 8 | 4 | 23.81 | 23.75 | 23.74 | 23.5 | 1 | |
| 3 | QPSK | 8 | 7 | 23.71 | 23.85 | 23.78 | | | |
| 3 | QPSK | 16 | 0 | 23.70 | 23.84 | 23.70 | | | |
| 3 | HQAM | 1 | 0 | 23.60 | 23.96 | 23.14 | | | |
| 3 | HQAM | 1 | 8 | 23.60 | 23.97 | 23.24 | 23.5 | 1 | |
| 3 | HQAM | 1 | 14 | 23.68 | 23.98 | 23.81 | | | |
| 3 | HQAM | 8 | 0 | 21.74 | 21.83 | 21.78 | | | |
| 3 | HQAM | 8 | 4 | 21.81 | 21.82 | 21.83 | 22.5 | 2 | |
| 3 | HQAM | 8 | 7 | 21.77 | 21.88 | 21.79 | | | |
| 3 | HQAM | 16 | 0 | 21.76 | 21.83 | 21.71 | | | |
| 3 | HQAM | 16 | 8 | 21.85 | 21.88 | 21.87 | 22.5 | 2 | |
| 3 | HQAM | 16 | 14 | 21.80 | 22.05 | 21.87 | | | |
| 3 | HQAM | 1 | 0 | 20.68 | 20.80 | 20.80 | | | |
| 3 | HQAM | 8 | 4 | 20.70 | 20.80 | 20.79 | 21.5 | 3 | |
| 3 | HQAM | 8 | 7 | 20.68 | 20.83 | 20.75 | | | |
| 3 | HQAM | 16 | 0 | 20.81 | 20.74 | 20.75 | | | |
| Channel Frequency (MHz) | | | | | | | | | |
| 1.4 | QPSK | 1 | 0 | 23.72 | 23.87 | 23.80 | 24.5 | 0 | |
| 1.4 | QPSK | 1 | 3 | 23.71 | 23.73 | 23.83 | | | |
| 1.4 | QPSK | 1 | 5 | 23.54 | 23.72 | 23.71 | | | |
| 1.4 | QPSK | 3 | 0 | 23.68 | 23.78 | 23.72 | | | |
| 1.4 | QPSK | 3 | 1 | 23.68 | 23.68 | 23.70 | | | |
| 1.4 | QPSK | 3 | 3 | 23.51 | 23.65 | 23.66 | 23.5 | 1 | |
| 1.4 | HQAM | 1 | 0 | 23.61 | 23.86 | 23.14 | | | |
| 1.4 | HQAM | 1 | 3 | 23.20 | 23.90 | 23.24 | 23.5 | 1 | |
| 1.4 | HQAM | 1 | 5 | 23.60 | 23.87 | 23.86 | | | |
| 1.4 | HQAM | 3 | 0 | 23.60 | 23.80 | 23.16 | | | |
| 1.4 | HQAM | 3 | 1 | 23.20 | 23.30 | 23.22 | | | |
| 1.4 | HQAM | 3 | 3 | 23.60 | 23.87 | 23.93 | 22.5 | 2 | |
| 1.4 | HQAM | 6 | 0 | 21.78 | 21.77 | 21.78 | | | |
| 1.4 | HQAM | 1 | 0 | 21.80 | 21.86 | 21.90 | | | |
| 1.4 | HQAM | 1 | 3 | 21.75 | 22.06 | 21.84 | 22.5 | 2 | |
| 1.4 | HQAM | 1 | 5 | 21.80 | 21.81 | 21.88 | | | |
| 1.4 | HQAM | 3 | 0 | 21.80 | 21.87 | 21.90 | | | |
| 1.4 | HQAM | 3 | 1 | 21.75 | 22.00 | 21.80 | 21.5 | 3 | |
| 1.4 | HQAM | 3 | 3 | 21.78 | 21.80 | 21.83 | | | |
| 1.4 | HQAM | 6 | 0 | 20.78 | 20.83 | 20.80 | | | |

| Band 2_Ant 3 | | | | | | | | | |
|----------------------------|------------|---------|-----------|-----------------------------|------------------------------|---------------------|-----------------------|-------------|--|
| RF (MHz) | Modulation | RB Size | RB Offset | Power Level Ch./Freq. | Power Margin Ch./Freq. | Power Tol./Freq. | Time-up Time (min) | MPR (dB) | |
| Channel Frequency (MHz) | | | | | | | | | |
| 30 | QPSK | 1 | 0 | 23.30 | 23.36 | 23.40 | 24.5 | 0 | |
| 30 | QPSK | 1 | 47 | 23.44 | 23.32 | 23.34 | | | |



| Band 7_Ant 2 | | | | | | | | | |
|-----------------|------------|---------|-----------|--------------------|--------------------|--------------------|------------------|-------------|--|
| SRV [MHz] | Modulation | RB Size | RB Offset | Power Ch./Freq. | Power Ch./Freq. | Power Ch./Freq. | Time-up [min] | MFR [dB] | |
| Channel | | | | 2050 | 2100 | 2150 | | | |
| Frequency (MHz) | | | | 2050 | 2100 | 2150 | | | |
| 20 | QPSK | 1 | 0 | 24.80 | 24.73 | 24.68 | 25.0 | 0 | |
| 20 | QPSK | 1 | 49 | 24.88 | 24.81 | 24.76 | | | |
| 20 | QPSK | 1 | 99 | 24.96 | 24.89 | 24.84 | | | |
| 20 | QPSK | 50 | 0 | 23.28 | 23.21 | 23.16 | | | |
| 20 | QPSK | 50 | 24 | 23.36 | 23.29 | 23.24 | | | |
| 20 | QPSK | 50 | 50 | 23.44 | 23.37 | 23.32 | 24.0 | 1 | |
| 20 | QPSK | 100 | 0 | 23.21 | 23.14 | 23.09 | | | |
| 20 | HEGAM | 1 | 0 | 23.48 | 23.41 | 23.36 | | | |
| 20 | HEGAM | 1 | 49 | 23.56 | 23.49 | 23.44 | 24.0 | 1 | |
| 20 | HEGAM | 1 | 99 | 23.64 | 23.57 | 23.52 | | | |
| 20 | HEGAM | 50 | 0 | 22.08 | 22.01 | 21.96 | | | |
| 20 | HEGAM | 50 | 24 | 22.16 | 22.09 | 22.04 | | | |
| 20 | HEGAM | 50 | 50 | 22.24 | 22.17 | 22.12 | 23.0 | 2 | |
| 20 | HEGAM | 100 | 0 | 22.03 | 21.96 | 21.91 | | | |
| 20 | HEGAM | 1 | 0 | 21.80 | 21.73 | 21.68 | | | |
| 20 | HEGAM | 1 | 49 | 21.88 | 21.81 | 21.76 | 23.0 | 2 | |
| 20 | HEGAM | 1 | 99 | 21.96 | 21.89 | 21.84 | | | |
| 20 | HEGAM | 50 | 0 | 21.45 | 21.38 | 21.33 | | | |
| 20 | HEGAM | 50 | 24 | 21.53 | 21.46 | 21.41 | | | |
| 20 | HEGAM | 50 | 50 | 21.61 | 21.54 | 21.49 | 22.0 | 3 | |
| 20 | HEGAM | 100 | 0 | 21.40 | 21.33 | 21.28 | | | |
| Channel | | | | 2050 | 2100 | 2150 | | | |
| Frequency (MHz) | | | | 2050 | 2100 | 2150 | Time-up [min] | MFR [dB] | |
| 15 | QPSK | 1 | 0 | 24.20 | 24.10 | 24.00 | | | |
| 15 | QPSK | 1 | 37 | 24.21 | 24.11 | 24.01 | 25.0 | 0 | |
| 15 | QPSK | 1 | 74 | 24.22 | 24.11 | 24.01 | | | |
| 15 | QPSK | 36 | 0 | 23.28 | 23.14 | 23.04 | | | |
| 15 | QPSK | 36 | 20 | 23.27 | 23.13 | 23.03 | | | |
| 15 | QPSK | 36 | 36 | 23.26 | 23.12 | 23.02 | 24.0 | 1 | |
| 15 | HEGAM | 1 | 0 | 23.51 | 23.42 | 23.33 | | | |
| 15 | HEGAM | 1 | 37 | 23.52 | 23.43 | 23.34 | 24.0 | 1 | |
| 15 | HEGAM | 1 | 74 | 23.53 | 23.44 | 23.35 | | | |
| 15 | HEGAM | 36 | 0 | 22.07 | 21.90 | 21.82 | | | |
| 15 | HEGAM | 36 | 20 | 22.07 | 21.90 | 21.82 | 23.0 | 2 | |
| 15 | HEGAM | 36 | 36 | 22.06 | 21.89 | 21.81 | | | |
| 15 | HEGAM | 75 | 0 | 22.31 | 22.15 | 22.05 | | | |
| 15 | HEGAM | 1 | 37 | 22.30 | 22.14 | 22.07 | 23.0 | 2 | |
| 15 | HEGAM | 1 | 74 | 22.30 | 22.15 | 22.09 | | | |
| 15 | HEGAM | 36 | 0 | 21.05 | 20.88 | 20.82 | | | |
| 15 | HEGAM | 36 | 20 | 21.04 | 20.87 | 20.82 | 22.0 | 3 | |
| 15 | HEGAM | 36 | 36 | 21.03 | 20.86 | 20.81 | | | |
| Channel | | | | 2050 | 2100 | 2150 | | | |
| Frequency (MHz) | | | | 2050 | 2100 | 2150 | Time-up [min] | MFR [dB] | |
| 10 | QPSK | 1 | 0 | 24.03 | 23.97 | 23.92 | | | |
| 10 | QPSK | 1 | 25 | 24.02 | 23.94 | 23.87 | 25.0 | 0 | |
| 10 | QPSK | 1 | 49 | 24.01 | 23.93 | 23.86 | | | |
| 10 | QPSK | 25 | 0 | 23.20 | 23.04 | 22.95 | | | |
| 10 | QPSK | 25 | 25 | 23.21 | 23.04 | 22.96 | 24.0 | 1 | |
| 10 | HEGAM | 1 | 0 | 23.54 | 23.47 | 23.40 | | | |
| 10 | HEGAM | 1 | 25 | 23.55 | 23.47 | 23.40 | 24.0 | 1 | |
| 10 | HEGAM | 1 | 49 | 23.56 | 23.48 | 23.41 | | | |
| 10 | HEGAM | 25 | 0 | 22.24 | 22.07 | 21.97 | | | |
| 10 | HEGAM | 25 | 12 | 22.22 | 22.04 | 21.97 | 23.0 | 2 | |
| 10 | HEGAM | 25 | 25 | 22.21 | 22.03 | 21.96 | | | |
| 10 | HEGAM | 50 | 0 | 22.07 | 21.85 | 21.78 | | | |
| 10 | HEGAM | 1 | 0 | 21.87 | 21.72 | 21.60 | 23.0 | 2 | |
| 10 | HEGAM | 1 | 25 | 21.86 | 21.70 | 21.62 | | | |
| 10 | HEGAM | 1 | 49 | 21.84 | 21.68 | 21.61 | | | |
| 10 | HEGAM | 25 | 0 | 21.51 | 21.34 | 21.24 | | | |
| 10 | HEGAM | 25 | 12 | 21.51 | 21.34 | 21.24 | 22.0 | 3 | |
| 10 | HEGAM | 25 | 25 | 21.50 | 21.33 | 21.23 | | | |
| 10 | HEGAM | 50 | 0 | 21.40 | 21.20 | 21.14 | | | |
| Channel | | | | 2050 | 2100 | 2150 | | | |
| Frequency (MHz) | | | | 2050 | 2100 | 2150 | Time-up [min] | MFR [dB] | |
| 5 | QPSK | 1 | 0 | 24.22 | 24.18 | 24.13 | | | |
| 5 | QPSK | 1 | 12 | 24.20 | 24.15 | 24.11 | 25.0 | 0 | |
| 5 | QPSK | 1 | 24 | 24.20 | 24.14 | 24.08 | | | |
| 5 | QPSK | 12 | 0 | 23.36 | 23.23 | 23.12 | | | |
| 5 | QPSK | 12 | 7 | 23.33 | 23.20 | 23.08 | | | |
| 5 | QPSK | 12 | 13 | 23.30 | 23.15 | 23.03 | 24.0 | 1 | |
| 5 | QPSK | 25 | 0 | 23.22 | 23.17 | 23.10 | | | |
| 5 | HEGAM | 1 | 0 | 23.44 | 23.37 | 23.30 | | | |
| 5 | HEGAM | 1 | 12 | 23.46 | 23.38 | 23.30 | 24.0 | 1 | |
| 5 | HEGAM | 1 | 24 | 23.45 | 23.35 | 23.28 | | | |
| 5 | HEGAM | 12 | 0 | 22.23 | 22.12 | 22.00 | | | |
| 5 | HEGAM | 12 | 7 | 22.21 | 22.11 | 22.01 | 23.0 | 2 | |
| 5 | HEGAM | 12 | 13 | 22.20 | 22.10 | 22.00 | | | |
| 5 | HEGAM | 25 | 0 | 22.00 | 21.88 | 21.78 | | | |
| 5 | HEGAM | 1 | 0 | 21.87 | 21.74 | 21.66 | 23.0 | 2 | |
| 5 | HEGAM | 1 | 12 | 21.85 | 21.71 | 21.67 | | | |
| 5 | HEGAM | 1 | 24 | 21.84 | 21.69 | 21.65 | | | |
| 5 | HEGAM | 12 | 0 | 21.54 | 21.38 | 21.29 | | | |
| 5 | HEGAM | 12 | 7 | 21.53 | 21.34 | 21.28 | 22.0 | 3 | |
| 5 | HEGAM | 12 | 13 | 21.50 | 21.30 | 21.25 | | | |
| 5 | HEGAM | 25 | 0 | 21.41 | 21.27 | 21.18 | | | |

| Band 7_Ant 3 | | | | | | | | | |
|-----------------|------------|---------|-----------|--------------------|--------------------|--------------------|------------------|-------------|--|
| SRV [MHz] | Modulation | RB Size | RB Offset | Power Ch./Freq. | Power Ch./Freq. | Power Ch./Freq. | Time-up [min] | MFR [dB] | |
| Channel | | | | 2050 | 2100 | 2150 | | | |
| Frequency (MHz) | | | | 2050 | 2100 | 2150 | | | |
| 20 | QPSK | 1 | 0 | 24.20 | 24.10 | 24.00 | 25.0 | 0 | |
| 20 | QPSK | 1 | 49 | 24.28 | 24.19 | 24.11 | | | |
| 20 | QPSK | 1 | 99 | 24.36 | 24.27 | 24.19 | | | |
| 20 | QPSK | 50 | 0 | 23.22 | 23.08 | 22.99 | | | |
| 20 | QPSK | 50 | 24 | 23.30 | 23.15 | 23.06 | | | |
| 20 | QPSK | 50 | 50 | 23.37 | 23.22 | 23.12 | 24.0 | 1 | |
| 20 | HEGAM | 1 | 0 | 23.50 | 23.42 | 23.34 | | | |
| 20 | HEGAM | 1 | 49 | 23.57 | 23.48 | 23.40 | 24.0 | 1 | |
| 20 | HEGAM | 1 | 99 | 23.64 | 23.55 | 23.46 | | | |
| 20 | HEGAM | 50 | 0 | 22.05 | 21.88 | 21.80 | | | |
| 20 | HEGAM | 50 | 24 | 22.13 | 21.96 | 21.88 | | | |
| 20 | HEGAM | 50 | 50 | 22.20 | 22.03 | 21.95 | 23.0 | 2 | |
| 20 | HEGAM | 100 | 0 | 22.03 | 21.85 | 21.78 | | | |
| 20 | HEGAM | 1 | 0 | 21.80 | 21.62 | 21.54 | | | |
| 20 | HEGAM | 1 | 49 | 21.87 | 21.69 | 21.61 | 23.0 | 2 | |
| 20 | HEGAM | 1 | 99 | 21.94 | 21.76 | 21.68 | | | |
| 20 | HEGAM | 50 | 0 | 21.46 | 21.28 | 21.20 | | | |
| 20 | HEGAM | 50 | 24 | 21.54 | 21.34 | 21.26 | 22.0 | 3 | |
| 20 | HEGAM | 50 | 50 | 21.61 | 21.41 | 21.34 | | | |
| 20 | HEGAM | 100 | 0 | 21.44 | 21.24 | 21.18 | | | |
| Channel | | | | 2050 | 2100 | 2150 | | | |
| Frequency (MHz) | | | | 2050 | 2100 | 2150 | Time-up [min] | MFR [dB] | |
| 15 | QPSK | 1 | 0 | 23.84 | 23.77 | 23.70 | | | |
| 15 | QPSK | 1 | 37 | 23.84 | 23.77 | 23.70 | 25.0 | 0 | |
| 15 | QPSK | 1 | 74 | 23.85 | 23.78 | 23.71 | | | |
| 15 | QPSK | 36 | 0 | 23.14 | 22.97 | 22.91 | | | |
| 15 | QPSK | 36 | 20 | 23.13 | 22.92 | 22.85 | | | |
| 15 | QPSK | 36 | 36 | 23.10 | 22.89 | 22.82 | 24.0 | 1 | |
| 15 | HEGAM | 1 | 0 | 23.42 | 23.36 | 23.30 | | | |
| 15 | HEGAM | 1 | 37 | 23.43 | 23.34 | 23.25 | 24.0 | 1 | |
| 15 | HEGAM | 1 | 74 | 23.44 | 23.37 | 23.30 | | | |
| 15 | HEGAM | 36 | 0 | 22.01 | 21.86 | 21.81 | | | |
| 15 | HEGAM | 36 | 20 | 22.00 | 21.81 | 21.74 | 23.0 | 2 | |
| 15 | HEGAM | 36 | 36 | 21.99 | 21.80 | 21.73 | | | |
| 15 | HEGAM | 75 | 0 | 22.23 | 22.05 | 21.97 | | | |
| 15 | HEGAM | 1 | 37 | 22.22 | 22.03 | 21.95 | 23.0 | 2 | |
| 15 | HEGAM | 1 | 74 | 22.21 | 22.02 | 21.94 | | | |
| 15 | HEGAM | 36 | 0 | 21.04 | 20.87 | 20.81 | | | |
| 15 | HEGAM | 36 | 20 | 21.03 | 20.84 | 20.77 | 22.0 | 3 | |
| 15 | HEGAM | 36 | 36 | 21.02 | 20.83 | 20.76 | | | |
| Channel | | | | 2050 | 2100 | 2150 | | | |
| Frequency (MHz) | | | | 2050 | 2100 | 2150 | Time-up [min] | MFR [dB] | |
| 10 | QPSK | 1 | 0 | 23.79 | 23.70 | 23.61 | | | |
| 10 | QPSK | 1 | 25 | 23.78 | 23.67 | 23.57 | 25.0 | 0 | |
| 10 | QPSK | 1 | 49 | 23.77 | 23.65 | 23.54 | | | |
| 10 | QPSK | 25 | 0 | 23.06 | 22.88 | 22.81 | | | |
| 10 | QPSK | 25 | 12 | 23.04 | 22.85 | 22.77 | | | |
| 10 | QPSK | 25 | 25 | 23.03 | 22.80 | 22.72 | 24.0 | 1 | |
| 10 | HEGAM | 1 | 0 | 23.39 | 23.31 | 23.23 | | | |
| 10 | HEGAM | 1 | 25 | 23.38 | 23.29 | 23.20 | 24.0 | 1 | |
| 10 | HEGAM | 1 | 49 | 23.41 | 23.32 | 23.23 | | | |
| 10 | HEGAM | 25 | 0 | 22.06 | 21.88 | 21.80 | | | |
| 10 | HEGAM | 25 | 12 | 22.04 | 21.85 | 21.77 | 23.0 | 2 | |
| 10 | HEGAM | 25 | 25 | 22.03 | 21.84 | 21.76 | | | |
| 10 | HEGAM | 50 | 0 | 21.87 | 21.68 | 21.60 | | | |
| 10 | HEGAM | 1 | 0 | 21.66 | 21.47 | 21.39 | 23.0 | 2 | |
| 10 | HEGAM | 1 | 25 | 21.65 | 21.46 | 21.38 | | | |
| 10 | HEGAM | 1 | 49 | 21.64 | 21.45 | 21.37 | | | |
| 10 | HEGAM | 25 | 0 | 21.03 | 20.82 | 20.75 | | | |
| 10 | HEGAM | 25 | 12 | 21.01 | 20.81 | 20.74 | 22.0 | 3 | |
| 10 | HEGAM | 25 | 25 | 21.00 | 20.80 | 20.73 | | | |
| 10 | HEGAM | 50 | 0 | 20.86 | 20.67 | 20.60 | | | |
| Channel | | | | 2050 | 2100 | 2150 | | | |
| Frequency (MHz) | | | | 2050 | 2100 | 2150 | Time-up [min] | MFR [dB] | |
| 5 | QPSK | 1 | 0 | 23.79 | 23.70 | 23.61 | | | |
| 5 | QPSK | 1 | 12 | 23.74 | 23.63 | 23.54 | 25.0 | 0 | |
| 5 | QPSK | 1 | 24 | 23.70 | 23.57 | 23.45 | | | |
| 5 | QPSK | 12 | 0 | 23.07 | 22.88 | 22.80 | | | |
| 5 | QPSK | 12 | 7 | 23.04 | 22.82 | 22.74 | | | |
| 5 | QPSK | 12 | 13 | 23.03 | 22.81 | 22 | | | |



| Band 12_Ant 0 | | | | | | | | | | |
|-----------------|------------|---------|-----------|-------------------|-------------------------|-------------------------------|---------------|----------|--|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Ch./F.Freq. | Power M2000 Ch./F.Freq. | Power M2000 T2000 Ch./F.Freq. | Time-up (sec) | MFR (dB) | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 10 | QPSK | 1 | 0 | 24.88 | 24.88 | 24.87 | 25.5 | 0 | | |
| 10 | QPSK | 1 | 20 | 24.92 | 24.92 | 24.91 | | | | |
| 10 | QPSK | 1 | 40 | 24.96 | 24.96 | 24.96 | | | | |
| 10 | QPSK | 25 | 0 | 25.84 | 25.87 | 25.84 | 24.5 | 1 | | |
| 10 | QPSK | 25 | 20 | 25.90 | 25.90 | 25.90 | | | | |
| 10 | QPSK | 50 | 0 | 26.84 | 26.82 | 26.81 | | | | |
| 10 | QPSK | 1 | 0 | 26.91 | 26.94 | 26.93 | | | | |
| 10 | HQAM | 1 | 20 | 26.12 | 26.15 | 26.15 | 24.5 | 1 | | |
| 10 | HQAM | 1 | 40 | 26.13 | 26.16 | 26.17 | | | | |
| 10 | HQAM | 25 | 12 | 26.90 | 26.93 | 26.93 | 23.5 | 2 | | |
| 10 | HQAM | 25 | 25 | 26.97 | 26.97 | 26.94 | | | | |
| 10 | HQAM | 1 | 0 | 27.04 | 27.08 | 27.07 | | | | |
| 10 | HQAM | 1 | 20 | 27.01 | 27.02 | 27.03 | 23.5 | 2 | | |
| 10 | HQAM | 1 | 40 | 27.03 | 27.03 | 27.03 | | | | |
| 10 | HQAM | 25 | 0 | 27.12 | 27.07 | 27.08 | | | | |
| 10 | HQAM | 25 | 12 | 27.00 | 27.00 | 27.00 | 22.5 | 3 | | |
| 10 | HQAM | 25 | 25 | 27.00 | 27.07 | 27.02 | | | | |
| 10 | HQAM | 50 | 0 | 27.92 | 27.97 | 27.93 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 5 | QPSK | 1 | 0 | 24.05 | 24.75 | 24.64 | | | | |
| 5 | QPSK | 1 | 12 | 24.79 | 24.79 | 24.78 | 25.5 | 0 | | |
| 5 | QPSK | 1 | 24 | 24.76 | 24.69 | 24.71 | | | | |
| 5 | QPSK | 12 | 0 | 25.76 | 25.80 | 25.77 | | | | |
| 5 | QPSK | 12 | 12 | 25.80 | 25.88 | 25.80 | 24.5 | 1 | | |
| 5 | QPSK | 25 | 0 | 26.84 | 26.86 | 26.86 | | | | |
| 5 | QPSK | 25 | 12 | 26.87 | 26.83 | 26.83 | | | | |
| 5 | HQAM | 1 | 0 | 26.22 | 26.81 | 26.67 | 24.5 | 1 | | |
| 5 | HQAM | 1 | 20 | 26.03 | 26.03 | 26.03 | | | | |
| 5 | HQAM | 1 | 24 | 26.19 | 26.30 | 26.30 | | | | |
| 5 | HQAM | 12 | 0 | 26.77 | 26.80 | 26.87 | | | | |
| 5 | HQAM | 12 | 12 | 26.84 | 26.84 | 26.84 | 23.5 | 2 | | |
| 5 | HQAM | 12 | 13 | 26.86 | 26.91 | 26.90 | | | | |
| 5 | HQAM | 25 | 0 | 27.95 | 28.00 | 27.97 | | | | |
| 5 | HQAM | 1 | 12 | 27.92 | 27.97 | 27.98 | 23.5 | 2 | | |
| 5 | HQAM | 1 | 24 | 27.87 | 27.90 | 27.84 | | | | |
| 5 | HQAM | 12 | 0 | 28.81 | 28.87 | 28.84 | | | | |
| 5 | HQAM | 12 | 12 | 28.84 | 28.81 | 28.81 | 22.5 | 3 | | |
| 5 | HQAM | 12 | 13 | 28.85 | 28.85 | 28.82 | | | | |
| 5 | HQAM | 25 | 0 | 29.80 | 29.80 | 29.84 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 3 | QPSK | 1 | 0 | 24.03 | 24.74 | 24.63 | | | | |
| 3 | QPSK | 1 | 8 | 24.74 | 24.75 | 24.75 | 25.5 | 0 | | |
| 3 | QPSK | 1 | 14 | 24.74 | 24.88 | 24.74 | | | | |
| 3 | QPSK | 8 | 0 | 25.86 | 25.81 | 25.78 | | | | |
| 3 | QPSK | 8 | 4 | 25.82 | 25.84 | 25.82 | 24.5 | 1 | | |
| 3 | QPSK | 8 | 7 | 25.80 | 25.84 | 25.81 | | | | |
| 3 | QPSK | 16 | 0 | 26.12 | 26.14 | 26.10 | | | | |
| 3 | HQAM | 1 | 0 | 26.22 | 26.84 | 26.70 | 24.5 | 1 | | |
| 3 | HQAM | 1 | 8 | 26.01 | 26.04 | 26.03 | | | | |
| 3 | HQAM | 8 | 0 | 26.26 | 26.83 | 26.69 | | | | |
| 3 | HQAM | 8 | 4 | 26.24 | 26.82 | 26.86 | 23.5 | 2 | | |
| 3 | HQAM | 16 | 0 | 27.00 | 27.03 | 27.08 | | | | |
| 3 | HQAM | 1 | 0 | 27.71 | 27.71 | 27.80 | 23.5 | 2 | | |
| 3 | HQAM | 1 | 8 | 27.69 | 27.69 | 27.69 | | | | |
| 3 | HQAM | 8 | 0 | 27.89 | 27.83 | 27.84 | | | | |
| 3 | HQAM | 8 | 4 | 27.83 | 27.83 | 27.71 | 22.5 | 3 | | |
| 3 | HQAM | 16 | 0 | 27.76 | 27.80 | 27.86 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 1.4 | QPSK | 1 | 0 | 24.87 | 24.70 | 24.52 | | | | |
| 1.4 | QPSK | 1 | 0 | 24.70 | 24.71 | 24.73 | 25.5 | 0 | | |
| 1.4 | QPSK | 1 | 0 | 24.73 | 24.71 | 24.69 | | | | |
| 1.4 | QPSK | 3 | 0 | 24.41 | 24.54 | 24.41 | | | | |
| 1.4 | QPSK | 3 | 0 | 24.80 | 24.82 | 24.71 | | | | |
| 1.4 | QPSK | 3 | 3 | 24.59 | 24.60 | 24.65 | 24.5 | 1 | | |
| 1.4 | QPSK | 3 | 0 | 25.72 | 25.83 | 25.82 | | | | |
| 1.4 | HQAM | 1 | 0 | 24.04 | 24.70 | 24.62 | | | | |
| 1.4 | HQAM | 1 | 0 | 24.25 | 24.41 | 24.42 | 24.5 | 1 | | |
| 1.4 | HQAM | 3 | 0 | 24.15 | 24.08 | 24.03 | | | | |
| 1.4 | HQAM | 3 | 1 | 25.00 | 25.84 | 24.01 | | | | |
| 1.4 | HQAM | 3 | 3 | 24.14 | 24.32 | 24.34 | 23.5 | 2 | | |
| 1.4 | HQAM | 6 | 0 | 25.03 | 25.07 | 25.03 | | | | |
| 1.4 | HQAM | 1 | 0 | 25.83 | 25.30 | 25.88 | | | | |
| 1.4 | HQAM | 1 | 3 | 25.80 | 25.07 | 25.36 | 23.5 | 2 | | |
| 1.4 | HQAM | 3 | 0 | 26.81 | 26.82 | 26.85 | | | | |
| 1.4 | HQAM | 3 | 1 | 27.78 | 27.87 | 27.82 | | | | |
| 1.4 | HQAM | 3 | 3 | 27.76 | 27.87 | 27.82 | 22.5 | 3 | | |
| 1.4 | HQAM | 6 | 0 | 27.72 | 27.80 | 27.77 | | | | |
| 1.4 | HQAM | 6 | 0 | 27.79 | 27.88 | 27.80 | 22.5 | 3 | | |

| Band 12_Ant 1 | | | | | | | | | | |
|-----------------|------------|---------|-----------|-------------------|-------------------------|-------------------------------|---------------|----------|--|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Ch./F.Freq. | Power M2000 Ch./F.Freq. | Power M2000 T2000 Ch./F.Freq. | Time-up (sec) | MFR (dB) | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 10 | QPSK | 1 | 0 | 24.06 | 24.76 | 24.63 | 25.5 | 0 | | |
| 10 | QPSK | 1 | 20 | 24.81 | 24.81 | 24.81 | | | | |
| 10 | QPSK | 1 | 40 | 24.83 | 24.88 | 24.74 | | | | |
| 10 | QPSK | 25 | 0 | 25.84 | 25.77 | 25.68 | 24.5 | 1 | | |
| 10 | QPSK | 25 | 20 | 25.92 | 25.92 | 25.92 | | | | |
| 10 | QPSK | 50 | 0 | 26.84 | 26.88 | 26.87 | | | | |
| 10 | HQAM | 1 | 0 | 26.98 | 26.92 | 26.97 | 24.5 | 1 | | |
| 10 | HQAM | 1 | 20 | 26.49 | 26.51 | 26.50 | | | | |
| 10 | HQAM | 1 | 40 | 26.51 | 26.66 | 26.63 | | | | |
| 10 | HQAM | 25 | 0 | 27.01 | 27.13 | 27.00 | 23.5 | 2 | | |
| 10 | HQAM | 25 | 12 | 27.01 | 27.10 | 27.08 | | | | |
| 10 | HQAM | 25 | 25 | 27.04 | 27.13 | 27.15 | | | | |
| 10 | HQAM | 50 | 0 | 28.02 | 28.08 | 28.16 | | | | |
| 10 | HQAM | 1 | 0 | 28.09 | 28.09 | 28.09 | 23.5 | 2 | | |
| 10 | HQAM | 1 | 20 | 28.28 | 28.24 | 28.22 | | | | |
| 10 | HQAM | 1 | 40 | 28.28 | 28.31 | 28.36 | | | | |
| 10 | HQAM | 25 | 0 | 28.03 | 28.06 | 28.01 | | | | |
| 10 | HQAM | 25 | 12 | 28.17 | 28.09 | 28.06 | 22.5 | 3 | | |
| 10 | HQAM | 25 | 25 | 28.13 | 28.13 | 28.00 | | | | |
| 10 | HQAM | 50 | 0 | 29.18 | 28.87 | 29.16 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 5 | QPSK | 1 | 0 | 23.92 | 23.95 | 23.75 | | | | |
| 5 | QPSK | 1 | 12 | 23.99 | 23.90 | 23.91 | 25.5 | 0 | | |
| 5 | QPSK | 1 | 24 | 23.88 | 23.81 | 23.88 | | | | |
| 5 | QPSK | 12 | 0 | 25.01 | 25.08 | 25.07 | | | | |
| 5 | QPSK | 12 | 12 | 25.08 | 25.07 | 25.02 | 24.5 | 1 | | |
| 5 | QPSK | 25 | 0 | 26.09 | 26.03 | 26.03 | | | | |
| 5 | HQAM | 1 | 0 | 25.84 | 26.51 | 26.14 | 24.5 | 1 | | |
| 5 | HQAM | 1 | 12 | 26.03 | 26.06 | 26.06 | | | | |
| 5 | HQAM | 1 | 24 | 26.14 | 26.32 | 26.46 | | | | |
| 5 | HQAM | 12 | 0 | 26.89 | 26.03 | 26.99 | | | | |
| 5 | HQAM | 12 | 12 | 26.91 | 26.91 | 26.91 | 23.5 | 2 | | |
| 5 | HQAM | 12 | 13 | 26.92 | 26.96 | 26.92 | | | | |
| 5 | HQAM | 25 | 0 | 27.11 | 27.11 | 27.06 | | | | |
| 5 | HQAM | 1 | 12 | 27.28 | 27.24 | 27.11 | 23.5 | 2 | | |
| 5 | HQAM | 1 | 24 | 27.20 | 27.20 | 27.44 | | | | |
| 5 | HQAM | 12 | 0 | 28.01 | 28.02 | 28.04 | | | | |
| 5 | HQAM | 12 | 12 | 28.01 | 28.01 | 28.08 | 22.5 | 3 | | |
| 5 | HQAM | 12 | 13 | 28.02 | 28.15 | 28.06 | | | | |
| 5 | HQAM | 25 | 0 | 29.04 | 28.79 | 29.00 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 3 | QPSK | 1 | 0 | 23.88 | 24.61 | 24.65 | | | | |
| 3 | QPSK | 1 | 8 | 24.55 | 24.55 | 24.57 | 25.5 | 0 | | |
| 3 | QPSK | 1 | 14 | 24.60 | 24.62 | 24.62 | | | | |
| 3 | QPSK | 8 | 0 | 25.81 | 25.76 | 25.84 | | | | |
| 3 | QPSK | 8 | 4 | 25.85 | 25.84 | 25.88 | 24.5 | 1 | | |
| 3 | QPSK | 8 | 7 | 25.88 | 25.88 | 25.87 | | | | |
| 3 | QPSK | 16 | 0 | 26.01 | 26.01 | 26.06 | | | | |
| 3 | HQAM | 1 | 0 | 26.03 | 26.65 | 26.11 | 24.5 | 1 | | |
| 3 | HQAM | 1 | 8 | 26.42 | 26.36 | 26.39 | | | | |
| 3 | HQAM | 8 | 0 | 26.21 | 26.84 | 26.69 | | | | |
| 3 | HQAM | 8 | 4 | 26.27 | 26.99 | 26.81 | 23.5 | 2 | | |
| 3 | HQAM | 16 | 0 | 27.00 | 27.03 | 27.02 | | | | |
| 3 | HQAM | 1 | 0 | 27.01 | 27.03 | 27.82 | 23.5 | 2 | | |
| 3 | HQAM | 1 | 8 | 27.20 | 27.19 | 27.19 | | | | |
| 3 | HQAM | 8 | 0 | 27 | | | | | | |



| Band 17_Ant 0 | | | | | | | | | | |
|----------------------------|------------|---------|-----------|-----------------------------|------------------------------|-----------------------------|------------------------|-------------|---|--|
| RF (MHz) | Modulation | RB Size | RB Offset | Power Level Ch./Freq. | Power Margin Ch./Freq. | Power Fltr. Ch./Freq. | Time- slot (min) | APR (dB) | | |
| Channel Frequency (MHz) | | | | 23760 | 23760 | 23800 | | | | |
| 10 | QPSK | 1 | 0 | 24.56 | 24.97 | 24.82 | | | | |
| 10 | QPSK | 1 | 25 | 24.77 | 24.89 | 24.89 | | 25.5 | 0 | |
| 10 | QPSK | 1 | 49 | 24.68 | 24.88 | 24.91 | | | | |
| 10 | QPSK | 25 | 0 | 23.87 | 23.98 | 23.92 | | | | |
| 10 | QPSK | 25 | 12 | 23.91 | 23.97 | 23.99 | | | | |
| 10 | QPSK | 25 | 25 | 23.55 | 23.87 | 23.95 | | 24.5 | 1 | |
| 10 | QPSK | 50 | 0 | 23.91 | 24.06 | 24.03 | | | | |
| 10 | 16QAM | 1 | 0 | 24.24 | 24.26 | 24.23 | | | | |
| 10 | 16QAM | 1 | 25 | 24.23 | 24.87 | 24.11 | | 24.5 | 1 | |
| 10 | 16QAM | 1 | 49 | 24.27 | 24.36 | 24.50 | | | | |
| 10 | 16QAM | 25 | 0 | 23.26 | 23.31 | 23.54 | | | | |
| 10 | 16QAM | 25 | 12 | 22.97 | 23.10 | 23.38 | | 23.5 | 2 | |
| 10 | 16QAM | 25 | 25 | 23.01 | 22.89 | 22.88 | | | | |
| 10 | 16QAM | 50 | 0 | 22.84 | 23.01 | 23.02 | | | | |
| 10 | 64QAM | 1 | 0 | 23.53 | 23.07 | 22.71 | | | | |
| 10 | 64QAM | 1 | 25 | 22.85 | 23.16 | 22.86 | | 23.5 | 2 | |
| 10 | 64QAM | 1 | 49 | 23.26 | 22.05 | 23.78 | | | | |
| 10 | 64QAM | 25 | 0 | 22.05 | 21.96 | 21.91 | | | | |
| 10 | 64QAM | 25 | 12 | 22.08 | 22.08 | 22.00 | | 22.5 | 3 | |
| 10 | 64QAM | 25 | 25 | 21.93 | 21.99 | 21.91 | | | | |
| 10 | 64QAM | 50 | 0 | 22.01 | 22.02 | 22.00 | | | | |
| Channel Frequency (MHz) | | | | 23760 | 23760 | 23820 | | | | |
| Channel Frequency (MHz) | | | | 24610 | 24610 | 24710 | | | | |
| 5 | QPSK | 1 | 0 | 24.82 | 24.91 | 24.71 | | | | |
| 5 | QPSK | 1 | 12 | 24.68 | 24.74 | 24.71 | | 25.5 | 0 | |
| 5 | QPSK | 1 | 24 | 24.87 | 24.86 | 24.84 | | | | |
| 5 | QPSK | 12 | 0 | 23.78 | 23.89 | 23.82 | | | | |
| 5 | QPSK | 12 | 7 | 23.82 | 23.81 | 23.88 | | 24.5 | 1 | |
| 5 | QPSK | 12 | 13 | 23.74 | 23.76 | 23.81 | | | | |
| 5 | QPSK | 20 | 0 | 23.73 | 23.92 | 23.92 | | | | |
| 5 | 16QAM | 1 | 0 | 23.91 | 24.05 | 24.26 | | | | |
| 5 | 16QAM | 1 | 12 | 24.14 | 24.06 | 24.01 | | 24.5 | 1 | |
| 5 | 16QAM | 1 | 24 | 24.21 | 24.31 | 24.40 | | | | |
| 5 | 16QAM | 12 | 0 | 22.85 | 22.78 | 22.96 | | | | |
| 5 | 16QAM | 12 | 7 | 22.85 | 22.96 | 22.77 | | 23.5 | 2 | |
| 5 | 16QAM | 12 | 13 | 22.85 | 22.83 | 22.89 | | | | |
| 5 | 16QAM | 25 | 0 | 22.83 | 22.85 | 22.80 | | | | |
| 5 | 64QAM | 1 | 0 | 22.43 | 22.02 | 22.43 | | | | |
| 5 | 64QAM | 1 | 12 | 22.73 | 23.00 | 22.78 | | 23.5 | 2 | |
| 5 | 64QAM | 1 | 24 | 23.13 | 22.47 | 23.14 | | | | |
| 5 | 64QAM | 12 | 0 | 21.89 | 21.93 | 21.82 | | | | |
| 5 | 64QAM | 12 | 7 | 21.83 | 22.02 | 21.87 | | 22.5 | 3 | |
| 5 | 64QAM | 12 | 13 | 21.86 | 21.77 | 21.76 | | | | |
| 5 | 64QAM | 25 | 0 | 21.87 | 21.87 | 21.89 | | | | |

| Band 17_Ant 1 | | | | | | | | | | |
|----------------------------|------------|---------|-----------|-----------------------------|------------------------------|-----------------------------|------------------------|-------------|---|--|
| RF (MHz) | Modulation | RB Size | RB Offset | Power Level Ch./Freq. | Power Margin Ch./Freq. | Power Fltr. Ch./Freq. | Time- slot (min) | APR (dB) | | |
| Channel Frequency (MHz) | | | | 23760 | 23760 | 23800 | | | | |
| 10 | QPSK | 1 | 0 | 24.02 | 24.24 | 23.97 | | | | |
| 10 | QPSK | 1 | 25 | 24.21 | 24.08 | 24.04 | | 25.5 | 0 | |
| 10 | QPSK | 1 | 49 | 24.13 | 24.18 | 24.22 | | | | |
| 10 | QPSK | 25 | 0 | 23.13 | 23.24 | 23.12 | | | | |
| 10 | QPSK | 25 | 12 | 23.22 | 23.25 | 23.28 | | 24.5 | 1 | |
| 10 | QPSK | 25 | 25 | 23.15 | 23.21 | 23.15 | | | | |
| 10 | QPSK | 50 | 0 | 23.24 | 23.25 | 23.17 | | | | |
| 10 | 16QAM | 1 | 0 | 23.69 | 23.69 | 23.34 | | | | |
| 10 | 16QAM | 1 | 25 | 23.83 | 23.25 | 23.20 | | 24.5 | 1 | |
| 10 | 16QAM | 1 | 49 | 23.62 | 23.82 | 23.47 | | | | |
| 10 | 16QAM | 25 | 0 | 22.78 | 22.19 | 22.21 | | | | |
| 10 | 16QAM | 25 | 12 | 22.43 | 22.25 | 22.07 | | 23.5 | 2 | |
| 10 | 16QAM | 25 | 25 | 22.23 | 22.38 | 22.19 | | | | |
| 10 | 16QAM | 50 | 0 | 22.92 | 22.34 | 22.27 | | | | |
| 10 | 64QAM | 1 | 0 | 22.48 | 22.46 | 22.52 | | | | |
| 10 | 64QAM | 1 | 25 | 22.24 | 22.25 | 22.47 | | 23.5 | 2 | |
| 10 | 64QAM | 1 | 49 | 22.48 | 22.27 | 22.45 | | | | |
| 10 | 64QAM | 25 | 0 | 21.15 | 21.18 | 21.17 | | | | |
| 10 | 64QAM | 25 | 12 | 21.27 | 21.23 | 21.12 | | 22.5 | 3 | |
| 10 | 64QAM | 25 | 25 | 21.19 | 21.25 | 21.23 | | | | |
| 10 | 64QAM | 50 | 0 | 21.22 | 21.23 | 21.31 | | | | |
| Channel Frequency (MHz) | | | | 23760 | 23760 | 23820 | | | | |
| Channel Frequency (MHz) | | | | 24610 | 24610 | 24710 | | | | |
| 5 | QPSK | 1 | 0 | 23.94 | 24.10 | 23.90 | | | | |
| 5 | QPSK | 1 | 12 | 24.07 | 23.97 | 23.89 | | 25.5 | 0 | |
| 5 | QPSK | 1 | 24 | 24.07 | 24.08 | 24.15 | | | | |
| 5 | QPSK | 12 | 0 | 22.97 | 23.08 | 22.97 | | | | |
| 5 | QPSK | 12 | 7 | 23.08 | 23.11 | 23.07 | | 24.5 | 1 | |
| 5 | QPSK | 12 | 13 | 23.06 | 23.10 | 23.04 | | | | |
| 5 | QPSK | 20 | 0 | 23.16 | 23.50 | 23.10 | | | | |
| 5 | 16QAM | 1 | 0 | 23.83 | 23.80 | 23.28 | | | | |
| 5 | 16QAM | 1 | 12 | 24.17 | 23.95 | 23.38 | | 24.5 | 1 | |
| 5 | 16QAM | 1 | 24 | 23.96 | 23.74 | 23.20 | | | | |
| 5 | 16QAM | 12 | 0 | 22.15 | 22.61 | 22.66 | | | | |
| 5 | 16QAM | 12 | 7 | 22.34 | 22.12 | 22.07 | | 23.5 | 2 | |
| 5 | 16QAM | 12 | 13 | 22.15 | 22.19 | 22.10 | | | | |
| 5 | 16QAM | 25 | 0 | 22.15 | 22.14 | 22.11 | | | | |
| 5 | 64QAM | 1 | 0 | 22.32 | 22.36 | 22.40 | | | | |
| 5 | 64QAM | 1 | 12 | 22.11 | 22.12 | 22.21 | | 23.5 | 2 | |
| 5 | 64QAM | 1 | 24 | 22.39 | 22.14 | 22.21 | | | | |
| 5 | 64QAM | 12 | 0 | 21.10 | 21.12 | 21.09 | | | | |
| 5 | 64QAM | 12 | 7 | 21.17 | 21.08 | 20.98 | | 22.5 | 3 | |
| 5 | 64QAM | 12 | 13 | 21.10 | 21.10 | 21.14 | | | | |
| 5 | 64QAM | 25 | 0 | 21.11 | 21.10 | 21.21 | | | | |



Reduced Power for DSI 1

| Band 2_Ant 2 | | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------|--------------------|------------------|---------------|----------|----------|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low (dBm) | Power Middle (dBm) | Power High (dBm) | Time-up (min) | MPH (dB) | MPH (dB) |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 20 | QPSK | 1 | 0 | 23.74 | 23.52 | 23.92 | | | |
| 20 | QPSK | 1 | 49 | 23.78 | 23.77 | 23.88 | | 24.5 | 0 |
| 20 | QPSK | 1 | 98 | 23.67 | 23.77 | 23.76 | | | |
| 20 | QPSK | 50 | 0 | 22.72 | 22.88 | 23.84 | | | |
| 20 | QPSK | 50 | 24 | 22.84 | 22.87 | 22.83 | | 23.5 | 1 |
| 20 | QPSK | 50 | 50 | 22.78 | 22.81 | 22.88 | | | |
| 20 | QPSK | 100 | 0 | 22.62 | 22.88 | 23.82 | | | |
| 20 | HQAM | 1 | 0 | 23.07 | 23.05 | 23.17 | | | |
| 20 | HQAM | 1 | 49 | 23.28 | 23.46 | 23.22 | | 23.5 | 1 |
| 20 | HQAM | 1 | 98 | 23.18 | 23.23 | 23.09 | | | |
| 20 | HQAM | 50 | 0 | 21.62 | 21.89 | 21.88 | | | |
| 20 | HQAM | 50 | 24 | 21.85 | 21.86 | 21.85 | | 22.5 | 2 |
| 20 | HQAM | 50 | 50 | 21.85 | 21.85 | 21.82 | | | |
| 20 | HQAM | 100 | 0 | 21.88 | 21.85 | 21.82 | | | |
| 20 | HQAM | 1 | 0 | 21.88 | 22.08 | 21.89 | | | |
| 20 | HQAM | 1 | 49 | 21.85 | 22.13 | 21.86 | | 22.5 | 2 |
| 20 | HQAM | 1 | 98 | 21.88 | 22.03 | 22.00 | | | |
| 20 | HQAM | 50 | 0 | 20.78 | 20.87 | 20.86 | | | |
| 20 | HQAM | 50 | 24 | 20.80 | 20.87 | 20.88 | | 21.5 | 3 |
| 20 | HQAM | 50 | 50 | 20.78 | 20.81 | 20.87 | | | |
| 20 | HQAM | 100 | 0 | 20.85 | 20.88 | 20.81 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 15 | QPSK | 1 | 0 | 23.68 | 23.80 | 23.75 | | | |
| 15 | QPSK | 1 | 37 | 23.78 | 23.74 | 23.86 | | 24.5 | 0 |
| 15 | QPSK | 1 | 74 | 23.64 | 23.74 | 23.71 | | | |
| 15 | QPSK | 25 | 0 | 22.72 | 22.81 | 22.76 | | | |
| 15 | QPSK | 25 | 12 | 22.78 | 22.81 | 22.81 | | 23.5 | 1 |
| 15 | QPSK | 50 | 0 | 22.78 | 22.84 | 22.81 | | | |
| 15 | QPSK | 75 | 0 | 22.72 | 22.75 | 22.80 | | | |
| 15 | HQAM | 1 | 0 | 23.02 | 23.08 | 23.15 | | | |
| 15 | HQAM | 1 | 37 | 23.19 | 23.43 | 23.16 | | 23.5 | 1 |
| 15 | HQAM | 1 | 74 | 23.08 | 23.08 | 23.08 | | | |
| 15 | HQAM | 25 | 0 | 21.88 | 21.80 | 21.77 | | | |
| 15 | HQAM | 25 | 12 | 21.80 | 21.84 | 21.83 | | 22.5 | 2 |
| 15 | HQAM | 25 | 25 | 21.77 | 21.84 | 21.80 | | | |
| 15 | HQAM | 50 | 0 | 20.78 | 20.87 | 20.86 | | | |
| 15 | HQAM | 50 | 12 | 20.80 | 20.87 | 20.88 | | 21.5 | 3 |
| 15 | HQAM | 50 | 24 | 20.78 | 20.81 | 20.79 | | | |
| 15 | HQAM | 50 | 37 | 20.85 | 20.81 | 20.86 | | | |
| 15 | HQAM | 50 | 50 | 20.78 | 20.81 | 20.77 | | | |
| 15 | HQAM | 75 | 0 | 20.85 | 20.81 | 20.77 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 10 | QPSK | 1 | 0 | 23.68 | 23.90 | 23.80 | | | |
| 10 | QPSK | 1 | 25 | 23.68 | 23.71 | 23.73 | | 24.5 | 0 |
| 10 | QPSK | 1 | 49 | 23.62 | 23.89 | 23.72 | | | |
| 10 | QPSK | 25 | 0 | 22.68 | 22.84 | 22.78 | | | |
| 10 | QPSK | 25 | 12 | 22.78 | 22.84 | 22.84 | | 23.5 | 1 |
| 10 | QPSK | 50 | 0 | 22.78 | 22.80 | 22.80 | | | |
| 10 | QPSK | 50 | 0 | 22.81 | 22.75 | 22.80 | | | |
| 10 | HQAM | 1 | 0 | 23.08 | 23.08 | 23.08 | | | |
| 10 | HQAM | 1 | 25 | 23.27 | 23.44 | 23.22 | | 23.5 | 1 |
| 10 | HQAM | 1 | 49 | 23.58 | 23.34 | 23.36 | | | |
| 10 | HQAM | 25 | 0 | 21.88 | 21.88 | 21.88 | | | |
| 10 | HQAM | 25 | 12 | 21.80 | 21.84 | 21.83 | | 22.5 | 2 |
| 10 | HQAM | 25 | 25 | 21.73 | 21.83 | 21.85 | | | |
| 10 | HQAM | 50 | 0 | 20.78 | 20.87 | 20.86 | | | |
| 10 | HQAM | 50 | 12 | 20.80 | 20.87 | 20.88 | | 21.5 | 3 |
| 10 | HQAM | 50 | 24 | 20.78 | 20.81 | 20.79 | | | |
| 10 | HQAM | 50 | 37 | 20.85 | 20.81 | 20.86 | | | |
| 10 | HQAM | 75 | 0 | 20.85 | 20.81 | 20.77 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 5 | QPSK | 1 | 0 | 23.68 | 23.88 | 23.78 | | | |
| 5 | QPSK | 1 | 12 | 23.68 | 23.70 | 23.78 | | 24.5 | 0 |
| 5 | QPSK | 1 | 24 | 23.62 | 23.81 | 23.62 | | | |
| 5 | QPSK | 12 | 0 | 22.78 | 22.83 | 22.78 | | | |
| 5 | QPSK | 12 | 7 | 22.81 | 22.85 | 22.72 | | 23.5 | 1 |
| 5 | QPSK | 12 | 12 | 22.78 | 22.78 | 22.80 | | | |
| 5 | QPSK | 25 | 0 | 22.78 | 22.81 | 22.78 | | | |
| 5 | HQAM | 1 | 0 | 23.02 | 23.09 | 23.10 | | | |
| 5 | HQAM | 1 | 12 | 23.28 | 23.28 | 23.28 | | 23.5 | 1 |
| 5 | HQAM | 1 | 24 | 23.04 | 23.04 | 23.06 | | | |
| 5 | HQAM | 12 | 0 | 21.88 | 21.83 | 21.83 | | | |
| 5 | HQAM | 12 | 7 | 21.88 | 21.88 | 21.88 | | 22.5 | 2 |
| 5 | HQAM | 12 | 13 | 21.82 | 21.80 | 21.79 | | | |
| 5 | HQAM | 25 | 0 | 21.72 | 21.74 | 21.78 | | | |
| 5 | HQAM | 25 | 7 | 21.82 | 21.88 | 21.88 | | 21.5 | 3 |
| 5 | HQAM | 25 | 12 | 21.78 | 21.80 | 21.79 | | | |
| 5 | HQAM | 25 | 19 | 21.77 | 22.03 | 21.89 | | | |
| 5 | HQAM | 25 | 24 | 21.85 | 21.87 | 21.91 | | | |
| 5 | HQAM | 25 | 30 | 20.88 | 20.88 | 20.79 | | 21.5 | 3 |
| 5 | HQAM | 25 | 36 | 20.78 | 20.86 | 20.83 | | | |
| 5 | HQAM | 25 | 42 | 20.73 | 20.73 | 20.78 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 1.4 | QPSK | 1 | 0 | 23.72 | 23.87 | 23.80 | | | |
| 1.4 | QPSK | 1 | 3 | 23.77 | 23.73 | 23.80 | | 24.5 | 0 |
| 1.4 | QPSK | 1 | 6 | 23.54 | 23.72 | 23.71 | | | |
| 1.4 | QPSK | 3 | 0 | 23.68 | 23.79 | 23.72 | | | |
| 1.4 | QPSK | 3 | 1 | 23.68 | 23.68 | 23.70 | | 23.5 | 1 |
| 1.4 | QPSK | 3 | 3 | 23.57 | 23.85 | 23.68 | | | |
| 1.4 | QPSK | 6 | 0 | 23.73 | 23.86 | 23.78 | | | |
| 1.4 | HQAM | 1 | 0 | 23.02 | 23.00 | 23.14 | | | |
| 1.4 | HQAM | 1 | 3 | 23.28 | 23.30 | 23.24 | | 23.5 | 1 |
| 1.4 | HQAM | 1 | 6 | 23.08 | 23.07 | 23.06 | | | |
| 1.4 | HQAM | 3 | 0 | 23.03 | 23.00 | 23.16 | | | |
| 1.4 | HQAM | 3 | 1 | 23.28 | 23.30 | 23.22 | | 22.5 | 2 |
| 1.4 | HQAM | 3 | 3 | 23.05 | 23.07 | 23.03 | | | |
| 1.4 | HQAM | 6 | 0 | 21.78 | 21.77 | 21.78 | | 21.5 | 3 |
| 1.4 | HQAM | 1 | 0 | 21.88 | 21.88 | 21.85 | | | |
| 1.4 | HQAM | 1 | 3 | 21.73 | 22.06 | 21.84 | | | |
| 1.4 | HQAM | 1 | 6 | 21.80 | 21.81 | 21.88 | | 22.5 | 2 |
| 1.4 | HQAM | 3 | 0 | 21.88 | 21.87 | 21.85 | | | |
| 1.4 | HQAM | 3 | 1 | 21.73 | 22.10 | 21.85 | | | |
| 1.4 | HQAM | 3 | 3 | 21.78 | 21.80 | 21.83 | | 21.5 | 3 |
| 1.4 | HQAM | 6 | 0 | 20.78 | 20.83 | 20.69 | | | |

| Band 2_Ant 3 | | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------|--------------------|------------------|---------------|----------|----------|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low (dBm) | Power Middle (dBm) | Power High (dBm) | Time-up (min) | MPH (dB) | MPH (dB) |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 20 | QPSK | 1 | 0 | 18.83 | 19.11 | 18.95 | | | |
| 20 | QPSK | 1 | 49 | 18.86 | 18.92 | 18.92 | | 20 | 0 |
| 20 | QPSK | 1 | 98 | 18.77 | 18.86 | 18.83 | | | |
| 20 | QPSK | 50 | 0 | 18.88 | 18.98 | 18.94 | | | |
| 20 | QPSK | 50 | 24 | 18.84 | 18.81 | 18.87 | | 20 | 0 |
| 20 | QPSK | 50 | 50 | 18.92 | 18.95 | 18.90 | | | |
| 20 | QPSK | 100 | 0 | 18.92 | 18.92 | 18.92 | | | |
| 20 | HQAM | 1 | 0 | 18.98 | 19.10 | 18.97 | | | |
| 20 | HQAM | 1 | 49 | 18.98 | 18.92 | 18.93 | | 20 | 0 |
| 20 | HQAM | 1 | 98 | 18.90 | 18.92 | 18.90 | | | |
| 20 | HQAM | 50 | 0 | 18.90 | 18.92 | 18.90 | | | |
| 20 | HQAM | 50 | 24 | 18.87 | 18.94 | 18.90 | | 20 | 0 |
| 20 | HQAM | 50 | 50 | 18.92 | 18.95 | 18.90 | | | |
| 20 | HQAM | 100 | 0 | 18.95 | 18.95 | 18.97 | | | |
| 20 | HQAM | 1 | 0 | 18.98 | 19.02 | 18.93 | | | |
| 20 | HQAM | 1 | 49 | 18.93 | 18.92 | 18.92 | | 20 | 0 |
| 20 | HQAM | 1 | 98 | 18.90 | 18.93 | 18.91 | | | |
| 20 | HQAM | 50 | 0 | 18.91 | 18.98 | 18.98 | | | |
| 20 | HQAM | 50 | 24 | 18.94 | 18.93 | 18.94 | | 20 | 0 |
| 20 | HQAM | 50 | 50 | 18.90 | 18.95 | 18.90 | | | |
| 20 | HQAM | 100 | 0 | 18.90 | 18.98 | 18.89 | | | |
| 20 | HQAM | 1 | 0 | 18.95 | 18.97 | 18.93 | | | |
| 20 | HQAM | 1 | 49 | 18.93 | 18.92 | 18.92 | | 20 | 0 |
| 20 | HQAM | 1 | 98 | 18.90 | 18.93 | 18.91 | | | |
| 20 | HQAM | 50 | 0 | 18.91 | 18.98 | 18.98 | | | |
| 20 | HQAM | 50 | 24 | 18.95 | 18.92 | 18.93 | | 20 | 0 |
| 20 | HQAM | 50 | 50 | 18.90 | 18.95 | 18.90 | | | |
| 20 | HQAM | 100 | 0 | 18.91 | 18.98 | 18.89 | | | |
| 20 | HQAM | 1 | 0 | 18.91 | 18.88 | 18.92 | | | |
| 20 | HQAM | 1 | 49 | 18.95 | 18.92 | 18.93 | | 20 | 0 |
| 20 | HQAM | 1 | 98 | 18.92 | 18.92 | 18.92 | | | |
| 20 | HQAM | 50 | 0 | 18.90 | 18.92 | 18.90 | | | |
| 20 | HQAM | 50 | 24 | 18.94 | 18.95 | 18.91 | | | |



| Band 7_Ant 2 | | | | | | | | | |
|-----------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------|----------|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch (Freq) | Power Middle Ch (Freq) | Power High Ch (Freq) | Tune-up (MHz) | MPE (dB) | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 20850 | 21000 | 21150 | | | |
| 20 | QPSK | 1 | 0 | 24.50 | 24.73 | 24.88 | 25.5 | 0 | |
| 20 | QPSK | 1 | 49 | 24.56 | 24.37 | 24.50 | | | |
| 20 | QPSK | 1 | 99 | 24.58 | 24.34 | 24.36 | | | |
| 20 | QPSK | 50 | 0 | 22.28 | 22.51 | 22.58 | 24.5 | 1 | |
| 20 | QPSK | 50 | 24 | 22.21 | 22.41 | 22.28 | | | |
| 20 | QPSK | 50 | 50 | 22.12 | 22.43 | 22.31 | | | |
| 20 | QPSK | 100 | 0 | 22.21 | 22.44 | 22.35 | | | |
| 20 | HS-DSSS | 1 | 0 | 22.48 | 22.86 | 22.38 | 24.5 | 1 | |
| 20 | HS-DSSS | 1 | 49 | 22.41 | 22.89 | 22.37 | | | |
| 20 | HS-DSSS | 1 | 99 | 22.44 | 22.38 | 22.29 | | | |
| 20 | HS-DSSS | 50 | 0 | 22.19 | 22.22 | 22.32 | 23.5 | 2 | |
| 20 | HS-DSSS | 50 | 24 | 22.15 | 22.25 | 22.29 | | | |
| 20 | HS-DSSS | 50 | 50 | 22.28 | 22.40 | 22.38 | | | |
| 20 | HS-DSSS | 100 | 0 | 22.22 | 22.31 | 22.28 | | | |
| 20 | 8QAM | 1 | 0 | 21.88 | 22.26 | 22.07 | 23.5 | 2 | |
| 20 | 8QAM | 1 | 49 | 22.25 | 22.35 | 22.21 | | | |
| 20 | 8QAM | 1 | 99 | 22.29 | 22.35 | 22.22 | | | |
| 20 | 8QAM | 50 | 0 | 21.88 | 21.79 | 21.74 | 22.5 | 3 | |
| 20 | 8QAM | 50 | 24 | 21.84 | 21.58 | 21.53 | | | |
| 20 | 8QAM | 50 | 50 | 21.75 | 21.73 | 21.83 | | | |
| 20 | 8QAM | 100 | 0 | 21.88 | 21.81 | 21.79 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 20855 | 21000 | 21075 | | | |
| 15 | QPSK | 1 | 0 | 2502.5 | 2535 | 2562.5 | 25.5 | 0 | |
| 15 | QPSK | 1 | 37 | 24.21 | 24.47 | 24.43 | | | |
| 15 | QPSK | 1 | 74 | 24.29 | 24.41 | 24.31 | | | |
| 15 | QPSK | 36 | 0 | 22.48 | 22.54 | 22.34 | 24.5 | 1 | |
| 15 | QPSK | 36 | 24 | 22.27 | 22.49 | 22.38 | | | |
| 15 | QPSK | 36 | 39 | 22.21 | 22.52 | 22.38 | | | |
| 15 | QPSK | 79 | 0 | 22.53 | 22.42 | 22.39 | 24.5 | 1 | |
| 15 | HS-DSSS | 1 | 0 | 22.81 | 22.12 | 22.46 | | | |
| 15 | HS-DSSS | 1 | 37 | 22.48 | 22.79 | 22.46 | | | |
| 15 | HS-DSSS | 1 | 74 | 22.69 | 22.84 | 22.21 | 23.5 | 2 | |
| 15 | HS-DSSS | 36 | 0 | 22.27 | 22.35 | 22.22 | | | |
| 15 | HS-DSSS | 36 | 20 | 22.25 | 22.43 | 22.34 | | | |
| 15 | HS-DSSS | 36 | 39 | 22.28 | 22.46 | 22.36 | | | |
| 15 | HS-DSSS | 75 | 0 | 22.21 | 22.48 | 22.32 | | | |
| 15 | 8QAM | 1 | 0 | 22.20 | 22.31 | 22.27 | 23.5 | 2 | |
| 15 | 8QAM | 1 | 37 | 22.28 | 22.38 | 22.27 | | | |
| 15 | 8QAM | 1 | 74 | 22.24 | 22.45 | 22.22 | | | |
| 15 | 8QAM | 36 | 0 | 21.55 | 21.88 | 21.79 | 22.5 | 3 | |
| 15 | 8QAM | 36 | 20 | 21.52 | 21.84 | 21.82 | | | |
| 15 | 8QAM | 36 | 39 | 21.52 | 21.82 | 21.71 | | | |
| 15 | 8QAM | 75 | 0 | 21.84 | 21.87 | 21.84 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 21000 | 21075 | 21150 | | | |
| 10 | QPSK | 1 | 0 | 24.23 | 24.87 | 24.42 | 25.5 | 0 | |
| 10 | QPSK | 1 | 25 | 24.25 | 24.44 | 24.42 | | | |
| 10 | QPSK | 1 | 49 | 24.25 | 24.44 | 24.28 | | | |
| 10 | QPSK | 25 | 0 | 22.27 | 22.53 | 22.33 | 24.5 | 1 | |
| 10 | QPSK | 25 | 12 | 22.28 | 22.44 | 22.37 | | | |
| 10 | QPSK | 50 | 0 | 22.21 | 22.54 | 22.38 | | | |
| 10 | QPSK | 50 | 0 | 22.24 | 22.49 | 22.37 | 24.5 | 1 | |
| 10 | HS-DSSS | 1 | 0 | 22.84 | 22.71 | 22.48 | | | |
| 10 | HS-DSSS | 1 | 49 | 22.84 | 22.85 | 22.38 | | | |
| 10 | HS-DSSS | 25 | 12 | 22.22 | 22.43 | 22.32 | 23.5 | 2 | |
| 10 | HS-DSSS | 25 | 25 | 22.25 | 22.47 | 22.49 | | | |
| 10 | HS-DSSS | 50 | 0 | 22.29 | 22.40 | 22.38 | | | |
| 10 | 8QAM | 1 | 0 | 21.87 | 22.32 | 22.10 | 23.5 | 2 | |
| 10 | 8QAM | 1 | 25 | 22.20 | 22.38 | 22.30 | | | |
| 10 | 8QAM | 1 | 49 | 22.24 | 22.41 | 22.11 | | | |
| 10 | 8QAM | 25 | 0 | 21.81 | 21.84 | 21.84 | 22.5 | 3 | |
| 10 | 8QAM | 25 | 12 | 21.71 | 21.85 | 21.89 | | | |
| 10 | 8QAM | 25 | 26 | 21.81 | 21.82 | 21.71 | | | |
| 10 | 8QAM | 50 | 0 | 21.80 | 21.70 | 21.84 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 20775 | 21000 | 21425 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 20825 | 21000 | 21075 | | | |
| 5 | QPSK | 1 | 0 | 24.22 | 24.88 | 24.43 | 25.5 | 0 | |
| 5 | QPSK | 1 | 12 | 24.20 | 24.45 | 24.41 | | | |
| 5 | QPSK | 1 | 24 | 24.24 | 24.44 | 24.28 | | | |
| 5 | QPSK | 12 | 0 | 22.20 | 22.53 | 22.32 | 24.5 | 1 | |
| 5 | QPSK | 12 | 7 | 22.21 | 22.49 | 22.38 | | | |
| 5 | QPSK | 12 | 13 | 22.28 | 22.50 | 22.39 | | | |
| 5 | QPSK | 25 | 0 | 22.22 | 22.47 | 22.38 | | | |
| 5 | HS-DSSS | 1 | 0 | 22.58 | 22.73 | 22.44 | 24.5 | 1 | |
| 5 | HS-DSSS | 1 | 12 | 22.48 | 22.76 | 22.48 | | | |
| 5 | HS-DSSS | 1 | 24 | 22.51 | 22.63 | 22.32 | | | |
| 5 | HS-DSSS | 12 | 0 | 22.23 | 22.32 | 22.39 | 23.5 | 2 | |
| 5 | HS-DSSS | 12 | 7 | 22.23 | 22.41 | 22.31 | | | |
| 5 | HS-DSSS | 12 | 13 | 22.29 | 22.48 | 22.26 | | | |
| 5 | HS-DSSS | 25 | 0 | 22.26 | 22.38 | 22.33 | | | |
| 5 | 8QAM | 1 | 0 | 21.87 | 22.34 | 22.08 | 23.5 | 2 | |
| 5 | 8QAM | 1 | 12 | 22.22 | 22.37 | 22.27 | | | |
| 5 | 8QAM | 1 | 24 | 22.28 | 22.43 | 22.11 | | | |
| 5 | 8QAM | 12 | 0 | 21.54 | 21.80 | 21.70 | 22.5 | 3 | |
| 5 | 8QAM | 12 | 7 | 21.73 | 21.84 | 21.80 | | | |
| 5 | 8QAM | 12 | 13 | 21.80 | 21.80 | 21.89 | | | |
| 5 | 8QAM | 25 | 0 | 21.81 | 21.87 | 21.80 | | | |

| Band 7_Ant 3 | | | | | | | | | |
|-----------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------|----------|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch (Freq) | Power Middle Ch (Freq) | Power High Ch (Freq) | Tune-up (MHz) | MPE (dB) | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 20850 | 21000 | 21150 | | | |
| 20 | QPSK | 1 | 0 | 25.21 | 25.27 | 25.21 | 21.2 | 0 | |
| 20 | QPSK | 1 | 49 | 25.03 | 25.17 | 25.07 | | | |
| 20 | QPSK | 1 | 99 | 25.00 | 25.13 | 25.04 | | | |
| 20 | QPSK | 50 | 0 | 19.87 | 20.00 | 19.89 | 21.2 | 0 | |
| 20 | QPSK | 50 | 24 | 19.77 | 19.84 | 19.88 | | | |
| 20 | QPSK | 50 | 50 | 19.77 | 19.83 | 19.85 | | | |
| 20 | QPSK | 100 | 0 | 20.00 | 20.00 | 19.95 | | | |
| 20 | HS-DSSS | 1 | 0 | 20.22 | 20.25 | 20.20 | 21.2 | 0 | |
| 20 | HS-DSSS | 1 | 49 | 20.08 | 20.12 | 19.88 | | | |
| 20 | HS-DSSS | 1 | 99 | 19.99 | 20.15 | 20.07 | | | |
| 20 | HS-DSSS | 50 | 0 | 19.92 | 20.04 | 19.86 | 21.2 | 0 | |
| 20 | HS-DSSS | 50 | 24 | 19.81 | 19.87 | 19.81 | | | |
| 20 | HS-DSSS | 50 | 50 | 19.75 | 19.80 | 19.75 | | | |
| 20 | HS-DSSS | 100 | 0 | 19.83 | 19.86 | 19.83 | | | |
| 20 | 8QAM | 1 | 0 | 20.08 | 20.22 | 20.08 | 21.2 | 0 | |
| 20 | 8QAM | 1 | 49 | 20.16 | 20.25 | 20.21 | | | |
| 20 | 8QAM | 1 | 99 | 20.06 | 20.12 | 20.08 | | | |
| 20 | 8QAM | 50 | 0 | 19.86 | 19.88 | 19.88 | 21.2 | 0 | |
| 20 | 8QAM | 50 | 24 | 19.95 | 20.04 | 19.92 | | | |
| 20 | 8QAM | 50 | 50 | 19.84 | 19.85 | 19.79 | | | |
| 20 | 8QAM | 100 | 0 | 19.86 | 19.81 | 19.81 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 20855 | 21000 | 21075 | | | |
| 15 | QPSK | 1 | 0 | 25.19 | 25.22 | 25.13 | 21.2 | 0 | |
| 15 | QPSK | 1 | 37 | 19.94 | 20.06 | 20.00 | | | |
| 15 | QPSK | 1 | 74 | 19.81 | 20.03 | 19.81 | | | |
| 15 | QPSK | 36 | 0 | 19.82 | 19.96 | 19.80 | 21.2 | 0 | |
| 15 | QPSK | 36 | 24 | 19.73 | 19.81 | 19.81 | | | |
| 15 | QPSK | 36 | 39 | 19.74 | 19.81 | 19.77 | | | |
| 15 | QPSK | 79 | 0 | 19.82 | 19.87 | 19.83 | | | |
| 15 | HS-DSSS | 1 | 0 | 20.19 | 20.17 | 20.12 | 21.2 | 0 | |
| 15 | HS-DSSS | 1 | 37 | 20.02 | 20.01 | 19.87 | | | |
| 15 | HS-DSSS | 1 | 74 | 19.88 | 20.02 | 19.80 | | | |
| 15 | HS-DSSS | 36 | 0 | 19.87 | 19.83 | 19.75 | 21.2 | 0 | |
| 15 | HS-DSSS | 36 | 20 | 19.81 | 19.87 | 19.86 | | | |
| 15 | HS-DSSS | 36 | 39 | 19.75 | 19.86 | 19.75 | | | |
| 15 | HS-DSSS | 75 | 0 | 19.72 | 19.82 | 19.75 | | | |
| 15 | 8QAM | 1 | 0 | 20.04 | 20.12 | 19.98 | 21.2 | 0 | |
| 15 | 8QAM | 1 | 37 | 20.00 | 20.19 | 20.11 | | | |
| 15 | 8QAM | 1 | 74 | 20.01 | 20.07 | 19.97 | | | |
| 15 | 8QAM | 36 | 0 | 19.77 | 19.83 | 19.86 | 21.2 | 0 | |
| 15 | 8QAM | 36 | 20 | 19.86 | 19.87 | 19.80 | | | |
| 15 | 8QAM | 36 | 39 | 19.78 | 19.85 | 19.87 | | | |
| 15 | 8QAM | 75 | 0 | 19.89 | 19.85 | 19.85 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 20855 | 21000 | 21425 | | | |
| 10 | QPSK | 1 | 0 | 25.13 | 25.22 | 25.17 | 21.2 | 0 | |
| 10 | QPSK | 1 | 25 | 19.94 | 20.09 | 19.84 | | | |
| 10 | QPSK | 1 | 49 | 19.91 | 20.07 | | | | |



| Band 12_Ant 0 | | | | | | | | | | |
|-----------------|------------|---------|-----------|----------------------|------------------------|----------------------|--------------------|----------|--|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Line Ch. Freq. | Power Middle Ch. Freq. | Power High Ch. Freq. | Tune-up Int. (dBm) | MPE (dB) | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | 23060 | 23065 | 23130 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | 701.5 | 701.5 | 711.5 | | | | |
| 10 | QPSK | 1 | 0 | 24.65 | 24.70 | 24.75 | | | | |
| 10 | QPSK | 1 | 26 | 24.62 | 24.68 | 24.80 | 25.5 | 0 | | |
| 10 | QPSK | 1 | 49 | 24.89 | 24.79 | 24.80 | | | | |
| 10 | QPSK | 2 | 0 | 23.80 | 23.87 | 23.94 | | | | |
| 10 | QPSK | 2 | 12 | 23.86 | 23.81 | 23.87 | 24.5 | 1 | | |
| 10 | QPSK | 2 | 25 | 23.90 | 23.90 | 23.90 | | | | |
| 10 | QPSK | 2 | 38 | 23.94 | 23.92 | 23.91 | | | | |
| 10 | HQAM | 1 | 0 | 24.31 | 24.34 | 24.20 | | | | |
| 10 | HQAM | 1 | 26 | 24.12 | 24.19 | 24.10 | 24.5 | 1 | | |
| 10 | HQAM | 1 | 49 | 24.35 | 24.58 | 24.57 | | | | |
| 10 | HQAM | 2 | 0 | 22.90 | 22.92 | 23.00 | | | | |
| 10 | HQAM | 2 | 12 | 23.04 | 23.01 | 23.00 | 23.5 | 2 | | |
| 10 | HQAM | 2 | 25 | 23.07 | 23.09 | 23.04 | | | | |
| 10 | HQAM | 2 | 38 | 23.00 | 23.06 | 23.01 | | | | |
| 10 | HQAM | 1 | 0 | 22.84 | 22.98 | 23.02 | | | | |
| 10 | HQAM | 1 | 26 | 23.01 | 23.12 | 23.43 | 23.5 | 2 | | |
| 10 | HQAM | 1 | 49 | 23.00 | 23.03 | 23.00 | | | | |
| 10 | HQAM | 2 | 0 | 21.72 | 21.87 | 21.88 | | | | |
| 10 | HQAM | 2 | 12 | 22.00 | 21.98 | 21.88 | 22.5 | 3 | | |
| 10 | HQAM | 2 | 25 | 22.01 | 21.97 | 22.02 | | | | |
| 10 | HQAM | 2 | 38 | 22.00 | 21.97 | 22.02 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | 23060 | 23065 | 23130 | Tune-up Int. (dBm) | MPE (dB) | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | 701.5 | 701.5 | 711.5 | | | | |
| 5 | QPSK | 1 | 0 | 24.50 | 24.70 | 24.84 | | | | |
| 5 | QPSK | 1 | 1 | 24.70 | 24.70 | 24.84 | 25.5 | 0 | | |
| 5 | QPSK | 1 | 24 | 24.76 | 24.65 | 24.75 | | | | |
| 5 | QPSK | 12 | 0 | 23.70 | 23.80 | 23.71 | | | | |
| 5 | QPSK | 12 | 1 | 23.80 | 23.88 | 23.87 | 24.5 | 1 | | |
| 5 | QPSK | 12 | 13 | 23.84 | 23.85 | 23.78 | | | | |
| 5 | HQAM | 1 | 0 | 23.82 | 23.81 | 24.02 | | | | |
| 5 | HQAM | 1 | 12 | 24.03 | 24.02 | 24.00 | 24.5 | 1 | | |
| 5 | HQAM | 1 | 24 | 24.19 | 23.83 | 23.80 | | | | |
| 5 | HQAM | 12 | 0 | 22.71 | 22.90 | 22.90 | | | | |
| 5 | HQAM | 12 | 7 | 22.94 | 22.93 | 22.94 | 23.5 | 2 | | |
| 5 | HQAM | 12 | 13 | 22.96 | 22.90 | 22.87 | | | | |
| 5 | HQAM | 12 | 19 | 22.95 | 22.92 | 22.87 | | | | |
| 5 | HQAM | 1 | 0 | 22.70 | 23.23 | 22.89 | | | | |
| 5 | HQAM | 1 | 12 | 23.00 | 23.00 | 23.00 | 23.5 | 2 | | |
| 5 | HQAM | 1 | 24 | 22.97 | 22.90 | 22.84 | | | | |
| 5 | HQAM | 12 | 0 | 21.83 | 21.87 | 21.83 | | | | |
| 5 | HQAM | 12 | 7 | 22.00 | 21.98 | 21.88 | 22.5 | 3 | | |
| 5 | HQAM | 12 | 13 | 22.00 | 21.85 | 21.80 | | | | |
| 5 | HQAM | 12 | 19 | 21.80 | 21.89 | 21.84 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | 701.5 | 701.5 | 711.5 | Tune-up Int. (dBm) | MPE (dB) | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | 701.5 | 701.5 | 711.5 | | | | |
| 3 | QPSK | 1 | 0 | 24.52 | 24.72 | 24.50 | | | | |
| 3 | QPSK | 1 | 8 | 24.74 | 24.70 | 24.70 | 25.5 | 0 | | |
| 3 | QPSK | 1 | 14 | 24.74 | 24.68 | 24.74 | | | | |
| 3 | QPSK | 8 | 0 | 22.88 | 23.81 | 23.70 | | | | |
| 3 | QPSK | 8 | 4 | 23.80 | 23.84 | 23.80 | 24.5 | 1 | | |
| 3 | QPSK | 8 | 7 | 23.80 | 23.84 | 23.81 | | | | |
| 3 | QPSK | 16 | 0 | 22.73 | 23.80 | 23.58 | | | | |
| 3 | HQAM | 1 | 0 | 24.02 | 24.04 | 24.10 | | | | |
| 3 | HQAM | 1 | 8 | 24.01 | 24.04 | 24.00 | 24.5 | 1 | | |
| 3 | HQAM | 1 | 14 | 24.20 | 24.44 | 24.37 | | | | |
| 3 | HQAM | 8 | 0 | 22.84 | 22.83 | 22.81 | | | | |
| 3 | HQAM | 8 | 4 | 22.94 | 22.82 | 22.88 | 23.5 | 2 | | |
| 3 | HQAM | 8 | 7 | 22.87 | 22.87 | 22.88 | | | | |
| 3 | HQAM | 16 | 0 | 22.80 | 22.98 | 22.88 | | | | |
| 3 | HQAM | 16 | 8 | 22.71 | 23.21 | 22.89 | 23.5 | 2 | | |
| 3 | HQAM | 16 | 14 | 22.89 | 23.03 | 23.00 | | | | |
| 3 | HQAM | 8 | 0 | 21.80 | 21.80 | 21.84 | | | | |
| 3 | HQAM | 8 | 4 | 21.83 | 21.81 | 21.71 | 22.5 | 3 | | |
| 3 | HQAM | 8 | 7 | 22.01 | 21.98 | 21.88 | | | | |
| 3 | HQAM | 16 | 0 | 21.76 | 21.90 | 21.88 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | 23077 | 23095 | 23170 | Tune-up Int. (dBm) | MPE (dB) | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | 691.7 | 701.7 | 711.7 | | | | |
| 1.4 | QPSK | 1 | 0 | 24.57 | 24.70 | 24.52 | | | | |
| 1.4 | QPSK | 1 | 3 | 24.75 | 24.71 | 24.72 | 25.5 | 0 | | |
| 1.4 | QPSK | 1 | 6 | 24.73 | 24.71 | 24.80 | | | | |
| 1.4 | QPSK | 3 | 0 | 24.41 | 24.54 | 24.41 | | | | |
| 1.4 | QPSK | 3 | 1 | 24.83 | 24.37 | 24.71 | | | | |
| 1.4 | QPSK | 3 | 3 | 24.59 | 24.69 | 24.68 | | | | |
| 1.4 | QPSK | 6 | 0 | 23.72 | 23.83 | 23.80 | 24.5 | 1 | | |
| 1.4 | HQAM | 1 | 0 | 24.21 | 24.82 | 24.00 | | | | |
| 1.4 | HQAM | 1 | 3 | 24.20 | 24.70 | 24.00 | 24.5 | 1 | | |
| 1.4 | HQAM | 1 | 6 | 24.15 | 24.41 | 24.42 | | | | |
| 1.4 | HQAM | 3 | 0 | 24.15 | 23.88 | 23.94 | | | | |
| 1.4 | HQAM | 3 | 1 | 24.00 | 23.94 | 24.00 | 24.5 | 1 | | |
| 1.4 | HQAM | 3 | 3 | 24.14 | 24.25 | 24.24 | | | | |
| 1.4 | HQAM | 6 | 0 | 22.83 | 22.87 | 22.85 | 23.5 | 2 | | |
| 1.4 | HQAM | 6 | 1 | 22.82 | 22.90 | 22.88 | | | | |
| 1.4 | HQAM | 1 | 0 | 22.90 | 22.97 | 23.10 | | | | |
| 1.4 | HQAM | 1 | 5 | 22.91 | 22.87 | 22.85 | 23.5 | 2 | | |
| 1.4 | HQAM | 3 | 0 | 22.80 | 23.12 | 22.83 | | | | |
| 1.4 | HQAM | 3 | 1 | 22.78 | 22.97 | 23.20 | | | | |
| 1.4 | HQAM | 3 | 3 | 22.73 | 22.83 | 22.72 | | | | |
| 1.4 | HQAM | 6 | 0 | 21.70 | 21.86 | 21.80 | 22.5 | 3 | | |

| Band 12_Ant 1 | | | | | | | | | | |
|-----------------|------------|---------|-----------|----------------------|------------------------|----------------------|--------------------|----------|--|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Line Ch. Freq. | Power Middle Ch. Freq. | Power High Ch. Freq. | Tune-up Int. (dBm) | MPE (dB) | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | 23060 | 23065 | 23130 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | 701.5 | 701.5 | 711.5 | | | | |
| 10 | QPSK | 1 | 0 | 22.47 | 22.52 | 22.37 | | | | |
| 10 | QPSK | 1 | 26 | 22.43 | 22.56 | 22.38 | 25 | 0 | | |
| 10 | QPSK | 1 | 49 | 22.43 | 22.54 | 22.37 | | | | |
| 10 | QPSK | 2 | 0 | 22.80 | 22.58 | 22.54 | | | | |
| 10 | QPSK | 2 | 12 | 22.83 | 22.98 | 22.87 | 24.5 | 0.5 | | |
| 10 | QPSK | 2 | 25 | 22.81 | 22.92 | 22.78 | | | | |
| 10 | QPSK | 2 | 38 | 22.80 | 22.95 | 22.72 | | | | |
| 10 | HQAM | 1 | 0 | 22.27 | 22.80 | 22.82 | | | | |
| 10 | HQAM | 1 | 26 | 22.21 | 22.81 | 22.57 | 24.5 | 0.5 | | |
| 10 | HQAM | 1 | 49 | 22.39 | 22.85 | 22.85 | | | | |
| 10 | HQAM | 2 | 0 | 21.92 | 22.00 | 21.85 | | | | |
| 10 | HQAM | 2 | 12 | 22.10 | 21.98 | 21.83 | 23.5 | 1.5 | | |
| 10 | HQAM | 2 | 25 | 22.09 | 21.95 | 21.83 | | | | |
| 10 | HQAM | 2 | 38 | 22.08 | 21.84 | 21.83 | | | | |
| 10 | HQAM | 1 | 0 | 22.02 | 22.05 | 21.77 | | | | |
| 10 | HQAM | 1 | 26 | 22.28 | 22.28 | 22.10 | 23.5 | 1.5 | | |
| 10 | HQAM | 1 | 49 | 22.14 | 22.18 | 22.47 | | | | |
| 10 | HQAM | 2 | 0 | 20.83 | 20.87 | 20.86 | | | | |
| 10 | HQAM | 2 | 12 | 21.06 | 21.00 | 20.97 | 22.5 | 2.5 | | |
| 10 | HQAM | 2 | 25 | 21.08 | 21.00 | 21.04 | | | | |
| 10 | HQAM | 2 | 38 | 21.05 | 21.00 | 21.07 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | 23060 | 23065 | 23130 | Tune-up Int. (dBm) | MPE (dB) | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | 701.5 | 701.5 | 711.5 | | | | |
| 5 | QPSK | 1 | 0 | 22.37 | 22.55 | 22.28 | | | | |
| 5 | QPSK | 1 | 12 | 22.34 | 22.48 | 22.31 | 25 | 0 | | |
| 5 | QPSK | 1 | 24 | 22.37 | 22.56 | 22.23 | | | | |
| 5 | QPSK | 12 | 0 | 22.72 | 22.82 | 22.66 | | | | |
| 5 | QPSK | 12 | 7 | 22.71 | 22.87 | 22.60 | 24.5 | 0.5 | | |
| 5 | QPSK | 12 | 13 | 22.81 | 22.87 | 22.66 | | | | |
| 5 | QPSK | 24 | 0 | 22.46 | 22.87 | 22.87 | | | | |
| 5 | HQAM | 1 | 0 | 22.08 | 22.74 | 22.59 | | | | |
| 5 | HQAM | 1 | 12 | 22.08 | 22.74 | 22.59 | 24.5 | 0.5 | | |
| 5 | HQAM | 1 | 24 | 22.08 | 22.74 | 22.59 | | | | |
| 5 | HQAM | 12 | 0 | 21.80 | 21.88 | 21.83 | | | | |
| 5 | HQAM | 12 | 7 | 22.00 | 21.88 | 21.72 | 23.5 | 1.5 | | |
| 5 | HQAM | 12 | 13 | 22.00 | 21.88 | 21.72 | | | | |
| 5 | HQAM | 24 | 0 | 21.58 | 21.78 | 21.95 | | | | |



| Band 17_Ant 0 | | | | | | | | | |
|-----------------|------------|---------|-----------|----------------------|-----------------------|----------------------|--------------|----------|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Line Ch. Freq. | Power Midea Ch. Freq. | Power High Ch. Freq. | Tone-up (dB) | APR (dB) | |
| Channel | | | | | | | | | |
| | | | | 23780 | 23790 | 23800 | | | |
| Frequency (MHz) | | | | | | | | | |
| 10 | QPSK | 1 | 0 | 24.96 | 24.97 | 24.92 | | | |
| 10 | QPSK | 1 | 25 | 24.77 | 24.89 | 24.85 | 25.5 | 0 | |
| 10 | QPSK | 1 | 49 | 24.66 | 24.88 | 24.91 | | | |
| 10 | QPSK | 25 | 0 | 23.97 | 23.98 | 23.92 | | | |
| 10 | QPSK | 25 | 12 | 23.91 | 23.97 | 23.96 | 24.5 | 1 | |
| 10 | QPSK | 25 | 25 | 23.90 | 23.97 | 23.93 | | | |
| 10 | QPSK | 50 | 0 | 23.91 | 24.06 | 24.03 | | | |
| 10 | 16QAM | 1 | 0 | 24.04 | 24.20 | 24.33 | | | |
| 10 | 16QAM | 1 | 25 | 24.26 | 24.67 | 24.11 | 24.5 | 1 | |
| 10 | 16QAM | 1 | 49 | 24.27 | 24.36 | 24.90 | | | |
| 10 | 16QAM | 25 | 0 | 23.00 | 22.92 | 23.04 | | | |
| 10 | 16QAM | 25 | 12 | 22.87 | 22.90 | 22.88 | 23.5 | 2 | |
| 10 | 16QAM | 25 | 25 | 22.91 | 22.89 | 22.96 | | | |
| 10 | 16QAM | 50 | 0 | 22.94 | 23.01 | 23.02 | | | |
| 10 | 64QAM | 1 | 0 | 22.94 | 22.97 | 22.71 | | | |
| 10 | 64QAM | 1 | 25 | 22.85 | 22.98 | 22.86 | 23.5 | 2 | |
| 10 | 64QAM | 1 | 49 | 23.28 | 22.86 | 23.28 | | | |
| 10 | 64QAM | 25 | 0 | 22.88 | 22.96 | 22.81 | | | |
| 10 | 64QAM | 25 | 12 | 22.08 | 22.08 | 22.00 | 22.5 | 3 | |
| 10 | 64QAM | 25 | 25 | 21.93 | 21.92 | 21.81 | | | |
| 10 | 64QAM | 50 | 0 | 21.91 | 21.95 | 21.90 | | | |
| Channel | | | | | | | | | |
| | | | | 23785 | 23790 | 23802 | | | |
| Frequency (MHz) | | | | | | | | | |
| | | | | 706.5 | 710 | 715.5 | | | |
| 5 | QPSK | 1 | 0 | 24.82 | 24.81 | 24.71 | 25.5 | 0 | |
| 5 | QPSK | 1 | 12 | 24.66 | 24.74 | 24.71 | | | |
| 5 | QPSK | 1 | 24 | 24.57 | 24.80 | 24.84 | | | |
| 5 | QPSK | 12 | 0 | 23.76 | 23.80 | 23.82 | | | |
| 5 | QPSK | 12 | 7 | 23.82 | 23.81 | 23.88 | 24.5 | 1 | |
| 5 | QPSK | 12 | 13 | 23.78 | 23.76 | 23.81 | | | |
| 5 | 16QAM | 1 | 0 | 23.81 | 24.00 | 24.26 | | | |
| 5 | 16QAM | 1 | 12 | 24.38 | 24.55 | 24.01 | 24.5 | 1 | |
| 5 | 16QAM | 1 | 24 | 24.21 | 24.31 | 24.46 | | | |
| 5 | 16QAM | 12 | 0 | 22.83 | 22.76 | 22.86 | | | |
| 5 | 16QAM | 12 | 7 | 22.85 | 22.95 | 22.77 | 23.5 | 2 | |
| 5 | 16QAM | 12 | 13 | 22.84 | 22.89 | 22.89 | | | |
| 5 | 16QAM | 25 | 0 | 22.83 | 22.85 | 22.90 | | | |
| 5 | 64QAM | 1 | 0 | 23.43 | 23.02 | 22.63 | | | |
| 5 | 64QAM | 1 | 12 | 23.78 | 23.06 | 23.76 | 23.5 | 2 | |
| 5 | 64QAM | 1 | 24 | 23.13 | 22.47 | 23.14 | | | |
| 5 | 64QAM | 12 | 0 | 21.89 | 21.98 | 21.82 | | | |
| 5 | 64QAM | 12 | 7 | 21.83 | 21.95 | 21.87 | | | |
| 5 | 64QAM | 12 | 13 | 21.88 | 21.77 | 21.76 | 22.5 | 3 | |
| 5 | 64QAM | 25 | 0 | 21.87 | 21.87 | 21.89 | | | |

| Band 17_Ant 1 | | | | | | | | | |
|-----------------|------------|---------|-----------|----------------------|-----------------------|----------------------|--------------|----------|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Line Ch. Freq. | Power Midea Ch. Freq. | Power High Ch. Freq. | Tone-up (dB) | APR (dB) | |
| Channel | | | | | | | | | |
| | | | | 23790 | 23790 | 23800 | | | |
| Frequency (MHz) | | | | | | | | | |
| | | | | 710 | 710 | 710 | | | |
| 10 | QPSK | 1 | 0 | 23.99 | 23.99 | 23.45 | | | |
| 10 | QPSK | 1 | 25 | 23.72 | 23.51 | 23.52 | 25 | 0 | |
| 10 | QPSK | 1 | 49 | 23.68 | 23.67 | 23.72 | | | |
| 10 | QPSK | 25 | 0 | 23.14 | 23.27 | 23.14 | | | |
| 10 | QPSK | 25 | 12 | 23.20 | 23.18 | 23.12 | 24.5 | 0.5 | |
| 10 | QPSK | 25 | 25 | 23.23 | 23.26 | 23.13 | | | |
| 10 | QPSK | 50 | 0 | 23.29 | 23.26 | 23.21 | | | |
| 10 | 16QAM | 1 | 0 | 23.85 | 23.67 | 23.38 | | | |
| 10 | 16QAM | 1 | 25 | 23.39 | 23.24 | 23.40 | 24.5 | 0.5 | |
| 10 | 16QAM | 1 | 49 | 23.81 | 23.36 | 23.89 | | | |
| 10 | 16QAM | 25 | 0 | 22.23 | 22.12 | 22.18 | | | |
| 10 | 16QAM | 25 | 12 | 22.46 | 22.46 | 22.44 | 23.5 | 1.5 | |
| 10 | 16QAM | 25 | 25 | 22.25 | 22.25 | 22.25 | | | |
| 10 | 16QAM | 50 | 0 | 22.21 | 22.26 | 22.27 | | | |
| 10 | 64QAM | 1 | 0 | 22.51 | 22.46 | 22.38 | | | |
| 10 | 64QAM | 1 | 25 | 22.25 | 22.26 | 22.51 | 23.5 | 1.5 | |
| 10 | 64QAM | 1 | 49 | 22.50 | 22.24 | 22.45 | | | |
| 10 | 64QAM | 25 | 0 | 21.26 | 21.16 | 21.18 | | | |
| 10 | 64QAM | 25 | 12 | 21.25 | 21.24 | 21.13 | 22.5 | 2.5 | |
| 10 | 64QAM | 25 | 25 | 21.18 | 21.20 | 21.24 | | | |
| 10 | 64QAM | 50 | 0 | 21.07 | 21.06 | 21.03 | | | |
| Channel | | | | | | | | | |
| | | | | 706.5 | 710 | 715.5 | | | |
| Frequency (MHz) | | | | | | | | | |
| | | | | 706.5 | 710 | 715.5 | | | |
| 5 | QPSK | 1 | 0 | 23.51 | 23.66 | 23.38 | 25 | 0 | |
| 5 | QPSK | 1 | 12 | 23.60 | 23.44 | 23.44 | | | |
| 5 | QPSK | 1 | 24 | 23.65 | 23.61 | 23.69 | | | |
| 5 | QPSK | 12 | 0 | 23.11 | 23.11 | 23.06 | | | |
| 5 | QPSK | 12 | 7 | 23.15 | 23.16 | 23.05 | 24.5 | 0.5 | |
| 5 | QPSK | 12 | 13 | 23.15 | 23.13 | 23.05 | | | |
| 5 | 16QAM | 1 | 0 | 23.17 | 23.26 | 23.18 | | | |
| 5 | 16QAM | 1 | 12 | 23.24 | 23.13 | 23.31 | 24.5 | 0.5 | |
| 5 | 16QAM | 1 | 24 | 23.08 | 23.26 | 23.46 | | | |
| 5 | 16QAM | 12 | 0 | 22.20 | 22.08 | 22.13 | | | |
| 5 | 16QAM | 12 | 7 | 22.33 | 22.22 | 21.94 | 23.5 | 1.5 | |
| 5 | 16QAM | 12 | 13 | 22.16 | 22.14 | 22.07 | | | |
| 5 | 16QAM | 25 | 0 | 22.05 | 22.25 | 22.16 | | | |
| 5 | 64QAM | 1 | 0 | 22.48 | 22.31 | 22.42 | | | |
| 5 | 64QAM | 1 | 12 | 22.59 | 22.24 | 22.44 | 23.5 | 1.5 | |
| 5 | 64QAM | 1 | 24 | 22.41 | 22.13 | 22.42 | | | |
| 5 | 64QAM | 12 | 0 | 21.08 | 21.16 | 21.05 | | | |
| 5 | 64QAM | 12 | 7 | 21.21 | 21.15 | 21.03 | 22.5 | 2.5 | |
| 5 | 64QAM | 12 | 13 | 21.08 | 21.12 | 21.14 | | | |
| 5 | 64QAM | 25 | 0 | 21.23 | 21.18 | 21.23 | | | |



Reduced Power for DSI 3

| Band 2_Ant 2 | | | | | | | | | |
|-----------------|------------|---------|-----------|---------------------------|------------------------------|----------------------------|--------------|----------|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. Freq. (MHz) | Power Middle Ch. Freq. (MHz) | Power High Ch. Freq. (MHz) | Turn-up (ms) | MPR (dB) | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 20 | QPSK | 1 | 0 | 23.74 | 23.77 | 23.82 | 24.5 | 0 | |
| 20 | QPSK | 1 | 40 | 23.78 | 23.77 | 23.82 | | | |
| 20 | QPSK | 1 | 80 | 23.81 | 23.77 | 23.78 | | | |
| 20 | QPSK | 60 | 0 | 23.74 | 23.84 | 23.84 | | | |
| 20 | QPSK | 60 | 24 | 23.74 | 23.87 | 23.83 | | | |
| 20 | QPSK | 60 | 50 | 23.78 | 23.81 | 23.86 | 23.5 | 1 | |
| 20 | QPSK | 100 | 0 | 23.74 | 23.84 | 23.84 | | | |
| 20 | HQAM | 1 | 0 | 23.07 | 23.05 | 23.17 | | | |
| 20 | HQAM | 1 | 40 | 23.28 | 23.46 | 23.29 | 23.5 | 1 | |
| 20 | HQAM | 1 | 80 | 23.28 | 23.31 | 23.00 | | | |
| 20 | HQAM | 50 | 0 | 21.82 | 21.80 | 21.88 | | | |
| 20 | HQAM | 50 | 24 | 21.85 | 21.96 | 21.85 | 22.5 | 2 | |
| 20 | HQAM | 50 | 50 | 21.85 | 22.05 | 21.92 | | | |
| 20 | HQAM | 100 | 0 | 21.82 | 21.85 | 21.82 | | | |
| 20 | BQAM | 1 | 0 | 21.85 | 22.05 | 21.99 | 22.5 | 2 | |
| 20 | BQAM | 1 | 40 | 21.85 | 22.13 | 21.96 | | | |
| 20 | BQAM | 1 | 80 | 21.88 | 22.03 | 22.00 | | | |
| 20 | BQAM | 50 | 0 | 20.78 | 20.90 | 20.90 | | | |
| 20 | BQAM | 50 | 24 | 20.80 | 20.87 | 20.86 | | | |
| 20 | BQAM | 50 | 50 | 20.78 | 20.81 | 20.87 | 21.5 | 3 | |
| 20 | BQAM | 100 | 0 | 20.80 | 20.86 | 20.81 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 15 | QPSK | 1 | 0 | 23.60 | 23.85 | 23.75 | 24.5 | 0 | |
| 15 | QPSK | 1 | 40 | 23.60 | 23.74 | 23.71 | | | |
| 15 | QPSK | 1 | 80 | 23.64 | 23.74 | 23.71 | | | |
| 15 | QPSK | 60 | 0 | 22.73 | 22.81 | 22.78 | | | |
| 15 | QPSK | 60 | 24 | 22.76 | 22.84 | 22.81 | | | |
| 15 | QPSK | 60 | 50 | 22.75 | 22.84 | 22.81 | 23.5 | 1 | |
| 15 | QPSK | 75 | 0 | 22.73 | 22.78 | 22.80 | | | |
| 15 | HQAM | 1 | 0 | 23.60 | 23.84 | 23.78 | | | |
| 15 | HQAM | 1 | 37 | 23.10 | 23.43 | 23.18 | 23.5 | 1 | |
| 15 | HQAM | 1 | 74 | 23.02 | 23.05 | 23.05 | | | |
| 15 | HQAM | 50 | 0 | 21.82 | 21.82 | 21.81 | 22.5 | 2 | |
| 15 | HQAM | 50 | 20 | 21.77 | 21.84 | 21.80 | | | |
| 15 | BQAM | 1 | 0 | 21.80 | 22.01 | 21.94 | | | |
| 15 | BQAM | 1 | 37 | 21.72 | 22.01 | 21.93 | 22.5 | 2 | |
| 15 | BQAM | 1 | 74 | 21.80 | 22.00 | 21.91 | | | |
| 15 | BQAM | 36 | 0 | 20.60 | 20.80 | 20.87 | | | |
| 15 | BQAM | 36 | 20 | 20.77 | 20.85 | 20.83 | 21.5 | 3 | |
| 15 | BQAM | 36 | 39 | 20.75 | 20.88 | 20.75 | | | |
| 15 | BQAM | 75 | 0 | 20.80 | 20.81 | 20.77 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 10 | QPSK | 1 | 0 | 23.50 | 23.50 | 23.50 | 24.5 | 0 | |
| 10 | QPSK | 1 | 25 | 23.60 | 23.71 | 23.79 | | | |
| 10 | QPSK | 1 | 40 | 23.60 | 23.60 | 23.72 | | | |
| 10 | QPSK | 50 | 0 | 22.60 | 22.84 | 22.78 | | | |
| 10 | QPSK | 50 | 12 | 22.75 | 22.74 | 22.70 | 23.5 | 1 | |
| 10 | QPSK | 50 | 24 | 22.75 | 22.84 | 22.84 | | | |
| 10 | QPSK | 60 | 0 | 22.87 | 22.75 | 22.80 | | | |
| 10 | HQAM | 1 | 0 | 23.05 | 23.00 | 23.07 | 23.5 | 1 | |
| 10 | HQAM | 1 | 20 | 23.21 | 23.44 | 23.12 | | | |
| 10 | HQAM | 1 | 40 | 23.05 | 23.04 | 23.06 | | | |
| 10 | HQAM | 25 | 0 | 21.74 | 21.82 | 21.86 | 22.5 | 2 | |
| 10 | HQAM | 25 | 12 | 21.80 | 21.81 | 21.83 | | | |
| 10 | HQAM | 25 | 25 | 21.78 | 21.83 | 21.85 | | | |
| 10 | HQAM | 50 | 0 | 21.78 | 21.80 | 21.78 | 22.5 | 2 | |
| 10 | HQAM | 50 | 12 | 21.80 | 21.82 | 21.86 | | | |
| 10 | HQAM | 50 | 25 | 21.78 | 21.86 | 21.86 | | | |
| 10 | BQAM | 1 | 0 | 21.80 | 21.82 | 21.84 | | | |
| 10 | BQAM | 1 | 40 | 21.80 | 21.80 | 21.79 | 21.5 | 3 | |
| 10 | BQAM | 1 | 80 | 21.80 | 21.84 | 20.74 | | | |
| 10 | BQAM | 25 | 0 | 20.75 | 20.81 | 20.84 | | | |
| 10 | BQAM | 50 | 0 | 20.77 | 20.84 | 20.71 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 5 | QPSK | 1 | 0 | 23.48 | 23.48 | 23.78 | 24.5 | 0 | |
| 5 | QPSK | 1 | 12 | 23.50 | 23.70 | 23.78 | | | |
| 5 | QPSK | 1 | 24 | 23.50 | 23.74 | 23.84 | | | |
| 5 | QPSK | 6 | 0 | 22.50 | 22.83 | 22.76 | | | |
| 5 | QPSK | 6 | 7 | 22.87 | 22.85 | 22.72 | 23.5 | 1 | |
| 5 | QPSK | 12 | 0 | 22.78 | 22.79 | 22.75 | | | |
| 5 | QPSK | 12 | 13 | 22.78 | 22.81 | 22.78 | | | |
| 5 | HQAM | 1 | 0 | 23.02 | 23.09 | 23.10 | 23.5 | 1 | |
| 5 | HQAM | 1 | 12 | 23.28 | 23.30 | 23.23 | | | |
| 5 | HQAM | 1 | 24 | 23.24 | 23.24 | 23.06 | | | |
| 5 | HQAM | 12 | 0 | 21.80 | 21.83 | 21.83 | 22.5 | 2 | |
| 5 | HQAM | 12 | 7 | 21.80 | 21.80 | 21.83 | | | |
| 5 | HQAM | 12 | 13 | 21.80 | 21.82 | 21.81 | | | |
| 5 | HQAM | 25 | 0 | 21.72 | 21.74 | 21.76 | 22.5 | 2 | |
| 5 | BQAM | 1 | 0 | 21.82 | 21.86 | 21.90 | | | |
| 5 | BQAM | 1 | 12 | 21.77 | 22.03 | 21.89 | 21.5 | 3 | |
| 5 | BQAM | 1 | 24 | 21.80 | 21.87 | 21.81 | | | |
| 5 | BQAM | 12 | 0 | 20.60 | 20.82 | 20.77 | | | |
| 5 | BQAM | 12 | 7 | 20.60 | 20.80 | 20.80 | | | |
| 5 | BQAM | 12 | 13 | 20.73 | 20.86 | 20.83 | | | |
| 5 | BQAM | 25 | 0 | 20.75 | 20.73 | 20.70 | 21.5 | 3 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 3 | QPSK | 1 | 0 | 23.60 | 23.67 | 23.77 | 24.5 | 0 | |
| 3 | QPSK | 1 | 8 | 23.60 | 23.65 | 23.77 | | | |
| 3 | QPSK | 1 | 14 | 23.60 | 23.74 | 23.66 | | | |
| 3 | QPSK | 6 | 0 | 22.60 | 22.81 | 22.82 | | | |
| 3 | QPSK | 6 | 4 | 22.81 | 22.75 | 22.74 | 23.5 | 1 | |
| 3 | QPSK | 6 | 7 | 22.71 | 22.85 | 22.78 | | | |
| 3 | QPSK | 15 | 0 | 22.70 | 22.84 | 22.70 | | | |
| 3 | HQAM | 1 | 0 | 23.00 | 23.06 | 23.14 | 23.5 | 1 | |
| 3 | HQAM | 1 | 14 | 23.05 | 23.06 | 23.01 | | | |
| 3 | HQAM | 6 | 0 | 21.74 | 21.81 | 21.78 | 22.5 | 2 | |
| 3 | HQAM | 6 | 4 | 21.81 | 21.82 | 21.83 | | | |
| 3 | HQAM | 6 | 7 | 21.77 | 21.80 | 21.79 | | | |
| 3 | HQAM | 15 | 0 | 21.78 | 21.81 | 21.71 | 22.5 | 2 | |
| 3 | BQAM | 1 | 0 | 21.80 | 21.86 | 21.87 | | | |
| 3 | BQAM | 1 | 14 | 21.78 | 21.86 | 21.89 | 21.5 | 3 | |
| 3 | BQAM | 6 | 0 | 20.60 | 20.82 | 20.80 | | | |
| 3 | BQAM | 6 | 4 | 20.70 | 20.80 | 20.79 | | | |
| 3 | BQAM | 6 | 7 | 20.60 | 20.81 | 20.75 | | | |
| 3 | BQAM | 15 | 0 | 20.87 | 20.74 | 20.70 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 1.4 | QPSK | 1 | 0 | 23.72 | 23.87 | 23.80 | 24.5 | 0 | |
| 1.4 | QPSK | 1 | 3 | 23.71 | 23.73 | 23.83 | | | |
| 1.4 | QPSK | 1 | 6 | 23.64 | 23.71 | 23.71 | | | |
| 1.4 | QPSK | 3 | 0 | 23.68 | 23.79 | 23.72 | | | |
| 1.4 | QPSK | 3 | 1 | 23.68 | 23.69 | 23.70 | | | |
| 1.4 | QPSK | 3 | 3 | 23.61 | 23.65 | 23.66 | | | |
| 1.4 | QPSK | 6 | 0 | 22.70 | 22.86 | 22.78 | 23.5 | 1 | |
| 1.4 | HQAM | 1 | 0 | 23.07 | 23.00 | 23.14 | | | |
| 1.4 | HQAM | 1 | 3 | 23.20 | 23.20 | 23.24 | 23.5 | 1 | |
| 1.4 | HQAM | 1 | 6 | 23.08 | 23.07 | 23.06 | | | |
| 1.4 | HQAM | 3 | 0 | 23.03 | 23.00 | 23.16 | | | |
| 1.4 | HQAM | 3 | 1 | 23.20 | 23.20 | 23.22 | 22.5 | 2 | |
| 1.4 | HQAM | 3 | 3 | 23.06 | 23.07 | 23.03 | | | |
| 1.4 | BQAM | 1 | 0 | 21.70 | 21.77 | 21.78 | 22.5 | 2 | |
| 1.4 | BQAM | 1 | 3 | 21.73 | 22.06 | 21.84 | | | |
| 1.4 | BQAM | 1 | 6 | 21.80 | 21.81 | 21.88 | 22.5 | 2 | |
| 1.4 | BQAM | 3 | 0 | 21.80 | 21.87 | 21.80 | | | |
| 1.4 | BQAM | 3 | 1 | 21.73 | 22.10 | 21.85 | | | |
| 1.4 | BQAM | 3 | 3 | 21.78 | 21.80 | 21.83 | 21.5 | 3 | |
| 1.4 | BQAM | 6 | 0 | 20.70 | 20.83 | 20.80 | | | |

| Band 2_Ant 3 | | | | | | | | | |
|-----------------|------------|---------|-----------|---------------------------|------------------------------|----------------------------|--------------|----------|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. Freq. (MHz) | Power Middle Ch. Freq. (MHz) | Power High Ch. Freq. (MHz) | Turn-up (ms) | MPR (dB) | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 20 | QPSK | 1 | 0 | 21.84 | 21.80 | 21.86 | 23 | 0 | |
| 20 | QPSK | 1 | 40 | 21.85 | 21.83 | 21.86 | | | |
| 20 | QPSK | 1 | 80 | 21.88 | 21.87 | 21.86 | | | |
| 20 | QPSK | 60 | 0 | 21.84 | 21.84 | 21.84 | | | |
| 20 | QPSK | 60 | 24 | 21.86 | 22.02 | 21.87 | | | |
| 20 | QPSK | 60 | 50 | 21.84 | 22.00 | 21.84 | 23 | 0 | |
| 20 | QPSK | 100 | 0 | 21.84 | 21.84 | 21.84 | | | |
| 20 | HQAM | 1 | 0 | 21.80 | 21.85 | 21.85 | | | |
| 20 | HQAM | 1 | 40 | 21.87 | 21.79 | 21.89 | 23 | 0 | |
| 20 | HQAM | 1 | 80 | 21.83 | 22.00 | 21.87 | | | |
| 20 | HQAM | 50 | 0 | 21.30 | 21.40 | 21.54 | 22.5 | 0.5 | |
| 20 | HQAM | | | | | | | | |



| Band 7_Ant 2 | | | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------|------------------|------------------|--------------|----------|--|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low (dBm) | Power High (dBm) | Power High (dBm) | Turn-up (dB) | MFR (dB) | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 20 | QPSK | 1 | 0 | 21.50 | 21.75 | 21.50 | | | | |
| 20 | QPSK | 1 | 49 | 21.81 | 21.82 | 21.87 | 22.5 | 0 | | |
| 20 | QPSK | 1 | 99 | 21.57 | 21.83 | 21.51 | | | | |
| 20 | QPSK | 50 | 0 | 21.5 | 21.75 | 21.5 | | | | |
| 20 | QPSK | 50 | 24 | 21.55 | 21.51 | 21.54 | 22.5 | 0 | | |
| 20 | QPSK | 50 | 50 | 21.54 | 21.85 | 21.56 | | | | |
| 20 | QPSK | 100 | 0 | 21.55 | 21.55 | 21.54 | | | | |
| 20 | TDMA | 1 | 0 | 21.87 | 21.89 | 21.55 | | | | |
| 20 | TDMA | 1 | 49 | 21.6 | 21.84 | 21.55 | 22.5 | 0 | | |
| 20 | TDMA | 1 | 99 | 21.88 | 21.87 | 21.52 | | | | |
| 20 | TDMA | 50 | 0 | 21.59 | 21.54 | 21.52 | | | | |
| 20 | TDMA | 50 | 24 | 21.57 | 21.87 | 21.56 | 22.5 | 0 | | |
| 20 | TDMA | 50 | 50 | 21.58 | 21.85 | 21.56 | | | | |
| 20 | TDMA | 100 | 0 | 21.59 | 21.58 | 21.53 | | | | |
| 20 | BGAM | 1 | 0 | 21.59 | 21.87 | 21.56 | | | | |
| 20 | BGAM | 1 | 49 | 21.8 | 21.82 | 21.51 | 22.5 | 0 | | |
| 20 | BGAM | 1 | 99 | 21.81 | 21.82 | 21.57 | | | | |
| 20 | BGAM | 50 | 0 | 21.58 | 21.83 | 21.52 | | | | |
| 20 | BGAM | 50 | 24 | 21.55 | 21.85 | 21.52 | | | | |
| 20 | BGAM | 50 | 50 | 21.54 | 21.86 | 21.51 | 22.5 | 0 | | |
| 20 | BGAM | 100 | 0 | 21.54 | 21.85 | 21.51 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 15 | QPSK | 1 | 0 | 20.75 | 20.75 | 20.52 | 22.5 | 0 | | |
| 15 | QPSK | 1 | 37 | 21.07 | 21.53 | 21.52 | | | | |
| 15 | QPSK | 1 | 74 | 21.5 | 21.5 | 21.48 | | | | |
| 15 | QPSK | 36 | 0 | 21.47 | 21.84 | 21.47 | | | | |
| 15 | QPSK | 36 | 36 | 21.52 | 21.8 | 21.47 | 22.5 | 0 | | |
| 15 | QPSK | 75 | 0 | 21.48 | 21.85 | 21.51 | | | | |
| 15 | TDMA | 1 | 0 | 21.81 | 21.8 | 21.48 | | | | |
| 15 | TDMA | 1 | 37 | 21.53 | 21.52 | 21.48 | 22.5 | 0 | | |
| 15 | TDMA | 1 | 74 | 21.54 | 21.85 | 21.43 | | | | |
| 15 | TDMA | 36 | 0 | 21.54 | 21.85 | 21.48 | | | | |
| 15 | TDMA | 36 | 20 | 21.44 | 21.81 | 21.49 | 22.5 | 0 | | |
| 15 | TDMA | 36 | 36 | 21.5 | 21.81 | 21.51 | | | | |
| 15 | TDMA | 75 | 0 | 21.57 | 21.85 | 21.52 | | | | |
| 15 | BGAM | 1 | 0 | 21.56 | 21.82 | 21.53 | | | | |
| 15 | BGAM | 1 | 37 | 21.57 | 21.55 | 21.49 | 22.5 | 0 | | |
| 15 | BGAM | 1 | 74 | 21.49 | 21.53 | 21.48 | | | | |
| 15 | BGAM | 36 | 0 | 21.47 | 21.87 | 21.48 | | | | |
| 15 | BGAM | 36 | 20 | 21.44 | 21.87 | 21.45 | 22.5 | 0 | | |
| 15 | BGAM | 36 | 36 | 21.51 | 21.81 | 21.46 | | | | |
| 15 | BGAM | 75 | 0 | 21.44 | 21.53 | 21.48 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 10 | QPSK | 1 | 0 | 20.60 | 20.60 | 20.60 | | | | |
| 10 | QPSK | 1 | 25 | 21.51 | 21.5 | 21.52 | 22.5 | 0 | | |
| 10 | QPSK | 1 | 49 | 21.88 | 21.84 | 21.78 | | | | |
| 10 | QPSK | 25 | 0 | 21.59 | 21.58 | 21.47 | | | | |
| 10 | QPSK | 25 | 12 | 21.58 | 21.59 | 21.44 | 22.5 | 0 | | |
| 10 | QPSK | 25 | 26 | 21.53 | 21.53 | 21.52 | | | | |
| 10 | QPSK | 50 | 0 | 21.42 | 21.44 | 21.49 | | | | |
| 10 | TDMA | 1 | 0 | 21.5 | 21.57 | 21.5 | | | | |
| 10 | TDMA | 1 | 26 | 21.47 | 21.52 | 21.5 | 22.5 | 0 | | |
| 10 | TDMA | 1 | 49 | 21.84 | 21.84 | 21.47 | | | | |
| 10 | TDMA | 25 | 0 | 21.52 | 21.58 | 21.4 | | | | |
| 10 | TDMA | 25 | 12 | 21.55 | 21.85 | 21.48 | 22.5 | 0 | | |
| 10 | TDMA | 25 | 26 | 21.45 | 21.54 | 21.53 | | | | |
| 10 | TDMA | 50 | 0 | 21.53 | 21.52 | 21.42 | | | | |
| 10 | BGAM | 1 | 0 | 21.56 | 21.87 | 21.47 | | | | |
| 10 | BGAM | 1 | 25 | 21.47 | 21.56 | 21.46 | 22.5 | 0 | | |
| 10 | BGAM | 1 | 49 | 21.59 | 21.53 | 21.51 | | | | |
| 10 | BGAM | 25 | 0 | 21.52 | 21.81 | 21.45 | | | | |
| 10 | BGAM | 25 | 12 | 21.5 | 21.83 | 21.44 | 22.5 | 0 | | |
| 10 | BGAM | 25 | 26 | 21.52 | 21.82 | 21.46 | | | | |
| 10 | BGAM | 50 | 0 | 21.44 | 21.57 | 21.4 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 5 | QPSK | 1 | 0 | 21.13 | 21.75 | 21.46 | | | | |
| 5 | QPSK | 1 | 12 | 21.54 | 21.58 | 21.46 | 22.5 | 0 | | |
| 5 | QPSK | 1 | 24 | 21.53 | 21.59 | 21.39 | | | | |
| 5 | QPSK | 12 | 0 | 21.58 | 21.82 | 21.43 | | | | |
| 5 | QPSK | 12 | 7 | 21.55 | 21.81 | 21.52 | 22.5 | 0 | | |
| 5 | QPSK | 12 | 13 | 21.49 | 21.56 | 21.52 | | | | |
| 5 | QPSK | 25 | 0 | 21.47 | 21.54 | 21.48 | | | | |
| 5 | TDMA | 1 | 0 | 21.81 | 21.82 | 21.46 | | | | |
| 5 | TDMA | 1 | 12 | 21.52 | 21.82 | 21.46 | 22.5 | 0 | | |
| 5 | TDMA | 1 | 24 | 21.5 | 21.89 | 21.47 | | | | |
| 5 | TDMA | 12 | 0 | 21.46 | 21.58 | 21.5 | | | | |
| 5 | TDMA | 12 | 7 | 21.45 | 21.55 | 21.47 | 22.5 | 0 | | |
| 5 | TDMA | 12 | 13 | 21.48 | 21.82 | 21.56 | | | | |
| 5 | TDMA | 25 | 0 | 21.56 | 21.58 | 21.46 | | | | |
| 5 | BGAM | 1 | 0 | 21.46 | 21.83 | 21.53 | | | | |
| 5 | BGAM | 1 | 12 | 21.52 | 21.5 | 21.59 | 22.5 | 0 | | |
| 5 | BGAM | 1 | 24 | 21.58 | 21.58 | 21.48 | | | | |
| 5 | BGAM | 12 | 0 | 21.46 | 21.58 | 21.42 | | | | |
| 5 | BGAM | 12 | 7 | 21.42 | 21.58 | 21.4 | 22.5 | 0 | | |
| 5 | BGAM | 12 | 13 | 21.47 | 21.6 | 21.49 | | | | |
| 5 | BGAM | 25 | 0 | 21.46 | 21.54 | 21.43 | | | | |

| Band 7_Ant 3 | | | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------|------------------|------------------|--------------|----------|--|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low (dBm) | Power High (dBm) | Power High (dBm) | Turn-up (dB) | MFR (dB) | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 20 | QPSK | 1 | 0 | 21.51 | 21.78 | 21.51 | | | | |
| 20 | QPSK | 1 | 49 | 21.08 | 21.20 | 21.08 | 22.2 | 0 | | |
| 20 | QPSK | 1 | 99 | 21.01 | 21.18 | 21.04 | | | | |
| 20 | QPSK | 50 | 0 | 20.95 | 20.96 | 20.91 | | | | |
| 20 | QPSK | 50 | 24 | 20.85 | 20.92 | 20.52 | 22.2 | 0 | | |
| 20 | QPSK | 50 | 50 | 20.73 | 20.85 | 20.82 | | | | |
| 20 | QPSK | 100 | 0 | 20.96 | 20.96 | 20.91 | | | | |
| 20 | TDMA | 1 | 0 | 21.21 | 21.22 | 21.13 | | | | |
| 20 | TDMA | 1 | 49 | 21.06 | 21.11 | 20.94 | 22.2 | 0 | | |
| 20 | TDMA | 1 | 99 | 21.04 | 21.18 | 21.01 | | | | |
| 20 | TDMA | 50 | 0 | 20.95 | 21.05 | 20.92 | | | | |
| 20 | TDMA | 50 | 24 | 20.82 | 20.85 | 20.91 | 22.2 | 0 | | |
| 20 | TDMA | 50 | 50 | 20.71 | 20.82 | 20.81 | | | | |
| 20 | TDMA | 100 | 0 | 20.82 | 20.95 | 20.79 | | | | |
| 20 | BGAM | 1 | 0 | 21.08 | 21.20 | 21.05 | | | | |
| 20 | BGAM | 1 | 49 | 21.14 | 21.22 | 21.25 | 22.2 | 0 | | |
| 20 | BGAM | 1 | 99 | 21.07 | 21.07 | 21.08 | | | | |
| 20 | BGAM | 50 | 0 | 20.87 | 21.10 | 20.91 | | | | |
| 20 | BGAM | 50 | 24 | 20.90 | 21.08 | 20.84 | 22.2 | 0 | | |
| 20 | BGAM | 50 | 50 | 20.86 | 20.93 | 20.78 | | | | |
| 20 | BGAM | 100 | 0 | 20.97 | 21.03 | 20.97 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 15 | QPSK | 1 | 0 | 21.13 | 21.23 | 21.13 | | | | |
| 15 | QPSK | 1 | 37 | 21.55 | 21.57 | 21.48 | 22.2 | 0 | | |
| 15 | QPSK | 1 | 74 | 20.90 | 21.08 | 21.00 | | | | |
| 15 | QPSK | 36 | 0 | 20.82 | 20.86 | 20.81 | | | | |
| 15 | QPSK | 36 | 36 | 20.77 | 20.83 | 20.73 | 22.2 | 0 | | |
| 15 | QPSK | 36 | 59 | 20.88 | 20.84 | 20.84 | | | | |
| 15 | QPSK | 75 | 0 | 20.80 | 21.81 | 20.87 | | | | |
| 15 | TDMA | 1 | 0 | 21.13 | 21.08 | 21.18 | | | | |
| 15 | TDMA | 1 | 37 | 20.99 | 20.99 | 20.84 | 22.2 | 0 | | |
| 15 | TDMA | 1 | 74 | 21.00 | 21.10 | 21.05 | | | | |
| 15 | TDMA | 36 | 0 | 20.83 | 20.87 | 20.85 | | | | |
| 15 | TDMA | 36 | 20 | 20.75 | 20.85 | 20.88 | 22.2 | 0 | | |
| 15 | TDMA | 36 | 39 | 20.87 | 20.83 | 20.89 | | | | |
| 15 | TDMA | 75 | 0 | 20.74 | 20.88 | 20.71 | | | | |
| 15 | BGAM | 1 | 0 | 21.08 | 21.07 | 21.01 | | | | |
| 15 | BGAM | 1 | 37 | 21.11 | 21.10 | 21.20 | 22.2 | 0 | | |
| 15 | BGAM | 1 | 74 | 21.02 | 21.04 | 21.04 | | | | |
| 15 | BGAM | 36 | 0 | 20.74 | 21.06 | 20.88 | | | | |
| 15 | BGAM | 36 | 20 | 20.82 | 21.03 | 20.84 | 22.2 | 0 | | |
| 15 | BGAM | 36 | 39 | 20.73 | 20.82 | 20.84 | | | | |
| 15 | BGAM | 75 | 0 | 20.89 | 20.82 | 20.89 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 10 | QPSK | 1 | 0 | 21.16 | 21.19 | 21.11 | | | | |



| Band 12_Ant 0 | | | | | | | | | | |
|---------------|------------|---------|-----------|---------------------------|----------------------------|----------------------------|---------------|----------|--|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch./Freq. (dBm) | Power Meds Ch./Freq. (dBm) | Power High Ch./Freq. (dBm) | Tune-up (MHz) | MPE (dB) | | |
| Channel | | | | | | | | | | |
| 707.5 | | | | | | | | | | |
| 10 | QPSK | 1 | 0 | 24.85 | 24.75 | 24.64 | | | | |
| 10 | QPSK | 1 | 25 | 24.82 | 24.85 | 24.89 | 25.5 | 0 | | |
| 10 | QPSK | 1 | 49 | 24.80 | 24.75 | 24.69 | | | | |
| 10 | QPSK | 25 | 0 | 23.94 | 23.97 | 23.94 | | | | |
| 10 | QPSK | 25 | 12 | 23.95 | 23.91 | 23.87 | 24.5 | 1 | | |
| 10 | QPSK | 25 | 25 | 23.90 | 23.90 | 23.85 | | | | |
| 10 | QPSK | 50 | 0 | 23.84 | 23.82 | 23.79 | | | | |
| 10 | QPSK | 50 | 1 | 23.31 | 23.24 | 23.20 | 24.5 | 1 | | |
| 10 | QPSK | 50 | 25 | 23.30 | 23.22 | 23.10 | | | | |
| 10 | QPSK | 25 | 12 | 23.04 | 23.01 | 22.95 | 23.5 | 2 | | |
| 10 | QPSK | 25 | 25 | 23.07 | 23.07 | 23.04 | | | | |
| 10 | QPSK | 50 | 0 | 23.09 | 23.08 | 23.01 | | | | |
| 10 | QPSK | 50 | 1 | 22.84 | 23.28 | 23.02 | 23.5 | 2 | | |
| 10 | QPSK | 50 | 25 | 22.81 | 23.12 | 23.43 | | | | |
| 10 | QPSK | 1 | 0 | 22.84 | 23.28 | 23.02 | | | | |
| 10 | QPSK | 25 | 12 | 22.80 | 23.06 | 23.46 | 22.5 | 3 | | |
| 10 | QPSK | 25 | 25 | 22.80 | 23.07 | 23.02 | | | | |
| 10 | QPSK | 50 | 0 | 23.92 | 23.87 | 23.82 | | | | |
| Channel | | | | | | | | | | |
| 707.5 | | | | | | | | | | |
| 5 | QPSK | 1 | 0 | 24.55 | 24.75 | 24.64 | | | | |
| 5 | QPSK | 1 | 25 | 24.78 | 24.85 | 24.75 | 25.5 | 0 | | |
| 5 | QPSK | 1 | 49 | 24.76 | 24.80 | 24.71 | | | | |
| 5 | QPSK | 25 | 0 | 23.75 | 23.80 | 23.71 | | | | |
| 5 | QPSK | 25 | 12 | 23.81 | 23.85 | 23.79 | 24.5 | 1 | | |
| 5 | QPSK | 25 | 25 | 23.87 | 23.83 | 23.80 | | | | |
| 5 | QPSK | 50 | 0 | 23.82 | 23.86 | 23.86 | | | | |
| 5 | QPSK | 50 | 1 | 23.03 | 23.02 | 23.00 | 24.5 | 1 | | |
| 5 | QPSK | 50 | 25 | 23.19 | 23.39 | 23.45 | | | | |
| 5 | QPSK | 1 | 0 | 22.94 | 22.93 | 22.94 | 23.5 | 2 | | |
| 5 | QPSK | 1 | 25 | 22.92 | 23.25 | 22.89 | | | | |
| 5 | QPSK | 1 | 49 | 22.92 | 23.07 | 23.20 | 23.5 | 2 | | |
| 5 | QPSK | 25 | 0 | 22.87 | 23.06 | 23.41 | | | | |
| 5 | QPSK | 25 | 12 | 23.03 | 23.07 | 23.03 | 24.5 | 1 | | |
| 5 | QPSK | 25 | 25 | 23.04 | 23.03 | 23.02 | | | | |
| 5 | QPSK | 50 | 0 | 23.03 | 23.02 | 23.03 | | | | |
| 5 | QPSK | 50 | 1 | 22.82 | 23.26 | 23.11 | 23.5 | 2 | | |
| 5 | QPSK | 50 | 25 | 22.81 | 23.13 | 23.48 | | | | |
| 5 | QPSK | 1 | 0 | 21.83 | 21.87 | 21.83 | | | | |
| 5 | QPSK | 12 | 0 | 21.94 | 21.83 | 21.72 | 22.5 | 3 | | |
| 5 | QPSK | 12 | 12 | 21.92 | 21.82 | 21.80 | | | | |
| 5 | QPSK | 25 | 0 | 21.80 | 21.89 | 21.84 | | | | |
| Channel | | | | | | | | | | |
| 2305.5 | | | | | | | | | | |
| 3 | QPSK | 1 | 0 | 24.32 | 24.72 | 24.55 | | | | |
| 3 | QPSK | 1 | 8 | 24.74 | 24.79 | 24.75 | 25.5 | 0 | | |
| 3 | QPSK | 1 | 14 | 24.74 | 24.68 | 24.71 | | | | |
| 3 | QPSK | 8 | 0 | 23.88 | 23.81 | 23.75 | | | | |
| 3 | QPSK | 8 | 4 | 23.82 | 23.84 | 23.82 | 24.5 | 1 | | |
| 3 | QPSK | 8 | 7 | 23.80 | 23.84 | 23.81 | | | | |
| 3 | QPSK | 16 | 0 | 23.73 | 23.85 | 23.80 | | | | |
| 3 | QPSK | 1 | 0 | 24.22 | 23.84 | 24.10 | 24.5 | 1 | | |
| 3 | QPSK | 1 | 8 | 24.61 | 24.64 | 24.63 | | | | |
| 3 | QPSK | 1 | 14 | 24.28 | 24.44 | 24.37 | | | | |
| 3 | QPSK | 8 | 0 | 22.84 | 22.83 | 22.81 | 23.5 | 2 | | |
| 3 | QPSK | 8 | 4 | 22.84 | 22.82 | 22.80 | | | | |
| 3 | QPSK | 8 | 7 | 22.87 | 22.87 | 22.86 | | | | |
| 3 | QPSK | 16 | 0 | 22.80 | 22.83 | 22.85 | 23.5 | 2 | | |
| 3 | QPSK | 1 | 0 | 22.71 | 23.21 | 22.89 | | | | |
| 3 | QPSK | 1 | 8 | 22.86 | 23.03 | 23.38 | 23.5 | 2 | | |
| 3 | QPSK | 1 | 14 | 22.89 | 22.92 | 22.84 | | | | |
| 3 | QPSK | 8 | 0 | 21.89 | 21.83 | 21.84 | | | | |
| 3 | QPSK | 8 | 4 | 21.83 | 21.81 | 21.71 | 22.5 | 3 | | |
| 3 | QPSK | 8 | 7 | 22.01 | 21.89 | 21.86 | | | | |
| 3 | QPSK | 16 | 0 | 21.78 | 21.89 | 21.88 | | | | |
| Channel | | | | | | | | | | |
| 2305.5 | | | | | | | | | | |
| 1.4 | QPSK | 1 | 0 | 24.75 | 24.75 | 24.75 | | | | |
| 1.4 | QPSK | 1 | 5 | 24.73 | 24.71 | 24.69 | 25.5 | 0 | | |
| 1.4 | QPSK | 3 | 0 | 24.41 | 24.54 | 24.41 | | | | |
| 1.4 | QPSK | 3 | 3 | 24.65 | 24.57 | 24.71 | | | | |
| 1.4 | QPSK | 3 | 3 | 24.59 | 24.60 | 24.65 | 24.5 | 1 | | |
| 1.4 | QPSK | 6 | 0 | 23.72 | 23.63 | 23.62 | | | | |
| 1.4 | QPSK | 6 | 0 | 24.21 | 23.82 | 24.00 | 24.5 | 1 | | |
| 1.4 | QPSK | 3 | 0 | 24.04 | 24.10 | 24.02 | | | | |
| 1.4 | QPSK | 3 | 1 | 23.90 | 23.84 | 23.81 | 24.5 | 1 | | |
| 1.4 | QPSK | 3 | 1 | 24.14 | 24.20 | 24.24 | | | | |
| 1.4 | QPSK | 6 | 0 | 23.83 | 23.87 | 23.83 | 23.5 | 2 | | |
| 1.4 | QPSK | 6 | 0 | 22.82 | 23.20 | 22.85 | | | | |
| 1.4 | QPSK | 6 | 0 | 23.00 | 23.07 | 23.03 | | | | |
| 1.4 | QPSK | 1 | 0 | 22.81 | 22.87 | 22.85 | 23.5 | 2 | | |
| 1.4 | QPSK | 3 | 0 | 22.89 | 23.12 | 22.85 | | | | |
| 1.4 | QPSK | 3 | 0 | 22.75 | 22.97 | 23.00 | | | | |
| 1.4 | QPSK | 3 | 0 | 22.73 | 22.83 | 22.77 | 22.5 | 3 | | |
| 1.4 | QPSK | 3 | 0 | 23.79 | 23.88 | 23.80 | | | | |

| Band 12_Ant 1 | | | | | | | | | | |
|---------------|------------|---------|-----------|---------------------------|----------------------------|----------------------------|---------------|----------|--|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch./Freq. (dBm) | Power Meds Ch./Freq. (dBm) | Power High Ch./Freq. (dBm) | Tune-up (MHz) | MPE (dB) | | |
| Channel | | | | | | | | | | |
| 707.5 | | | | | | | | | | |
| 10 | QPSK | 1 | 0 | 24.88 | 24.78 | 24.66 | | | | |
| 10 | QPSK | 1 | 25 | 24.70 | 23.91 | 23.91 | 25.5 | 0 | | |
| 10 | QPSK | 1 | 49 | 24.63 | 23.88 | 24.14 | | | | |
| 10 | QPSK | 25 | 0 | 23.84 | 23.84 | 23.86 | | | | |
| 10 | QPSK | 25 | 12 | 23.75 | 23.68 | 23.71 | 24.5 | 1 | | |
| 10 | QPSK | 25 | 25 | 23.74 | 23.72 | 23.71 | | | | |
| 10 | QPSK | 50 | 0 | 23.84 | 23.86 | 23.87 | | | | |
| 10 | QPSK | 50 | 1 | 23.29 | 23.62 | 23.27 | 24.5 | 1 | | |
| 10 | QPSK | 50 | 1 | 23.29 | 23.61 | 23.60 | | | | |
| 10 | QPSK | 50 | 25 | 23.21 | 22.70 | 23.20 | 23.5 | 2 | | |
| 10 | QPSK | 25 | 12 | 22.21 | 22.10 | 21.98 | | | | |
| 10 | QPSK | 25 | 25 | 22.22 | 22.09 | 21.89 | 23.5 | 2 | | |
| 10 | QPSK | 50 | 0 | 22.22 | 22.18 | 22.12 | | | | |
| 10 | QPSK | 50 | 1 | 22.09 | 22.09 | 21.89 | 22.5 | 3 | | |
| 10 | QPSK | 50 | 25 | 21.13 | 21.13 | 21.09 | 22.5 | 3 | | |
| 10 | QPSK | 50 | 0 | 21.10 | 20.87 | 21.16 | | | | |
| Channel | | | | | | | | | | |
| 707.5 | | | | | | | | | | |
| 5 | QPSK | 1 | 0 | 23.92 | 23.96 | 23.75 | | | | |
| 5 | QPSK | 1 | 12 | 23.89 | 23.86 | 23.81 | 25.5 | 0 | | |
| 5 | QPSK | 1 | 24 | 23.88 | 23.81 | 24.08 | | | | |
| 5 | QPSK | 12 | 0 | 22.81 | 23.08 | 22.87 | | | | |
| 5 | QPSK | 12 | 12 | 22.86 | 23.01 | 23.10 | 24.5 | 1 | | |
| 5 | QPSK | 12 | 13 | 23.00 | 23.09 | 23.36 | | | | |
| 5 | QPSK | 25 | 0 | 22.89 | 22.93 | 22.83 | 24.5 | 1 | | |
| 5 | QPSK | 25 | 1 | 22.84 | 23.11 | 23.14 | | | | |
| 5 | QPSK | 25 | 12 | 23.41 | 23.42 | 23.38 | 24.5 | 1 | | |
| 5 | QPSK | 25 | 25 | 23.44 | 23.52 | 23.48 | | | | |
| 5 | QPSK | 50 | 0 | 23.42 | 23.42 | 23.42 | 24.5 | 1 | | |
| 5 | QPSK | 50 | 1 | 23.03 | 23.03 | 23.05 | 23.5 | 2 | | |
| 5 | QPSK | 50 | 12 | 22.13 | 22.08 | 22.02 | | | | |
| 5 | QPSK | 50 | 1 | 21.85 | 21.86 | 21.78 | 23.5 | 2 | | |
| 5 | QPSK | 1 | 0 | 21.85 | 21.89 | 21.78 | | | | |
| 5 | QPSK | 1 | 12 | 22.26 | 22.24 | 22.11 | 23.5 | 2 | | |
| 5 | QPSK | 1 | 14 | 22.84 | 22.81 | 22.84 | | | | |
| 5 | QPSK | 12 | 0 | 20.82 | 20.82 | 20.84 | | | | |
| 5 | QPSK | 12 | 7 | 21.01 | 21.01 | 20.88 | 22.5 | 3 | | |
| 5 | QPSK | 12 | 13 | 21.02 | 21.13 | 21.09 | | | | |
| 5 | QPSK | 25 | 0 | 21.04 | 20.79 | 21.06 | | | | |
| Channel | | | | | | | | | | |
| 2305.5 | | | | | | | | | | |
| 3 | QPSK | 1 | 0 | 23.58 | 24.01 | 23.85 | | | | |
| 3 | QPSK | 1 | 8 | 23.85 | 23.86 | 23.87 | 25.5 | 0 | | |
| 3 | QPSK | 1 | 14 | 23.82 | 23.81 | 24.02 | | | | |
| 3 | QPSK | 8 | 0 | 22.82 | 23.70 | 23.34 | | | | |
| 3 | QPSK | 8 | 4 | 22.85 | 22.94 | 22.85 | 24.5 | 1 | | |
| 3 | QPSK | 8 | 7 | 22.84 | 23.06 | 23.07 | | | | |
| 3 | QPSK | 16 | 0 | 22.81 | 23.01 | 23.08 | | | | |
| 3 | QPSK | 1 | 0 | 23.85 | 23.45 | 23.11 | 24.5 | 1 | | |
| 3 | QPSK | | | | | | | | | |



| Band 17_Ant 0 | | | | | | | | | |
|-----------------|------------|---------|-----------|---------------------|----------------------|----------------------|--------------|----------|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. Freq. | Power Med. Ch. Freq. | Power High Ch. Freq. | Turn-up (mW) | MPE (dB) | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 10 | QPSK | 1 | 0 | 24.88 | 24.97 | 24.99 | | | |
| 10 | QPSK | 1 | 25 | 24.77 | 24.89 | 24.95 | 25.5 | 0 | |
| 10 | QPSK | 1 | 49 | 24.68 | 24.88 | 24.91 | | | |
| 10 | QPSK | 25 | 0 | 23.87 | 23.98 | 23.99 | | | |
| 10 | QPSK | 25 | 12 | 23.51 | 23.57 | 23.59 | 24.5 | 1 | |
| 10 | QPSK | 25 | 25 | 23.90 | 23.97 | 23.99 | | | |
| 10 | QPSK | 50 | 0 | 23.04 | 23.06 | 23.07 | | | |
| 10 | 16QAM | 1 | 0 | 24.04 | 24.20 | 24.35 | | | |
| 10 | 16QAM | 1 | 25 | 24.28 | 24.67 | 24.11 | 24.5 | 1 | |
| 10 | 16QAM | 1 | 49 | 24.27 | 24.36 | 24.50 | | | |
| 10 | 16QAM | 25 | 0 | 23.00 | 23.02 | 23.04 | | | |
| 10 | 16QAM | 25 | 12 | 22.67 | 22.76 | 22.88 | 23.5 | 2 | |
| 10 | 16QAM | 25 | 25 | 23.01 | 23.08 | 23.06 | | | |
| 10 | 16QAM | 50 | 0 | 22.04 | 22.01 | 22.02 | | | |
| 10 | 64QAM | 1 | 0 | 23.90 | 23.97 | 22.71 | | | |
| 10 | 64QAM | 1 | 25 | 22.85 | 23.16 | 23.86 | 23.5 | 2 | |
| 10 | 64QAM | 1 | 49 | 23.28 | 22.85 | 23.28 | | | |
| 10 | 64QAM | 25 | 0 | 22.00 | 21.99 | 21.91 | | | |
| 10 | 64QAM | 25 | 12 | 22.08 | 22.08 | 22.00 | 22.5 | 3 | |
| 10 | 64QAM | 25 | 25 | 21.88 | 21.92 | 21.91 | | | |
| 10 | 64QAM | 50 | 0 | 22.01 | 22.02 | 22.00 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 5 | QPSK | 1 | 0 | 24.82 | 24.91 | 24.71 | | | |
| 5 | QPSK | 1 | 12 | 24.88 | 24.74 | 24.71 | 25.5 | 0 | |
| 5 | QPSK | 1 | 24 | 24.97 | 24.80 | 24.84 | | | |
| 5 | QPSK | 12 | 0 | 23.78 | 23.88 | 23.82 | | | |
| 5 | QPSK | 12 | 7 | 23.88 | 23.81 | 23.88 | 24.5 | 1 | |
| 5 | QPSK | 12 | 13 | 23.78 | 23.78 | 23.81 | | | |
| 5 | QPSK | 25 | 0 | 23.79 | 23.92 | 23.92 | | | |
| 5 | 16QAM | 1 | 0 | 23.91 | 24.06 | 24.26 | | | |
| 5 | 16QAM | 1 | 12 | 24.18 | 24.55 | 24.01 | 24.5 | 1 | |
| 5 | 16QAM | 1 | 24 | 24.21 | 24.31 | 24.40 | | | |
| 5 | 16QAM | 12 | 0 | 22.85 | 22.78 | 22.86 | | | |
| 5 | 16QAM | 12 | 7 | 22.85 | 22.95 | 22.77 | 23.5 | 2 | |
| 5 | 16QAM | 12 | 13 | 22.85 | 22.83 | 22.89 | | | |
| 5 | 16QAM | 25 | 0 | 22.83 | 22.84 | 22.80 | | | |
| 5 | 64QAM | 1 | 0 | 23.43 | 23.92 | 22.83 | 23.5 | 2 | |
| 5 | 64QAM | 1 | 12 | 22.70 | 23.00 | 22.76 | | | |
| 5 | 64QAM | 1 | 24 | 23.11 | 22.47 | 23.14 | | | |
| 5 | 64QAM | 12 | 0 | 21.89 | 21.89 | 21.82 | | | |
| 5 | 64QAM | 12 | 7 | 21.90 | 22.02 | 21.87 | 22.5 | 3 | |
| 5 | 64QAM | 12 | 13 | 21.89 | 21.77 | 21.78 | | | |
| 5 | 64QAM | 25 | 0 | 21.87 | 21.87 | 21.86 | | | |

| Band 17_Ant 1 | | | | | | | | | |
|-----------------|------------|---------|-----------|---------------------|----------------------|----------------------|--------------|----------|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. Freq. | Power Med. Ch. Freq. | Power High Ch. Freq. | Turn-up (mW) | MPE (dB) | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 10 | QPSK | 1 | 0 | 24.88 | 24.96 | 24.97 | | | |
| 10 | QPSK | 1 | 25 | 24.21 | 24.05 | 24.04 | 25.5 | 0 | |
| 10 | QPSK | 1 | 49 | 24.13 | 24.10 | 24.22 | | | |
| 10 | QPSK | 25 | 0 | 23.19 | 23.04 | 23.13 | | | |
| 10 | QPSK | 25 | 12 | 23.27 | 23.27 | 23.15 | 24.5 | 1 | |
| 10 | QPSK | 25 | 25 | 23.19 | 23.23 | 23.15 | | | |
| 10 | QPSK | 50 | 0 | 23.24 | 23.26 | 23.11 | | | |
| 10 | 16QAM | 1 | 0 | 23.85 | 23.05 | 23.34 | | | |
| 10 | 16QAM | 1 | 25 | 23.83 | 23.20 | 23.59 | 24.5 | 1 | |
| 10 | 16QAM | 1 | 49 | 23.62 | 23.65 | 23.67 | | | |
| 10 | 16QAM | 25 | 0 | 22.28 | 22.10 | 22.11 | | | |
| 10 | 16QAM | 25 | 12 | 22.43 | 22.28 | 22.67 | 23.5 | 2 | |
| 10 | 16QAM | 25 | 25 | 22.23 | 22.28 | 22.19 | | | |
| 10 | 16QAM | 50 | 0 | 22.28 | 22.24 | 22.27 | | | |
| 10 | 64QAM | 1 | 0 | 22.48 | 22.48 | 22.52 | 23.5 | 2 | |
| 10 | 64QAM | 1 | 25 | 22.24 | 22.15 | 22.47 | | | |
| 10 | 64QAM | 1 | 49 | 22.48 | 22.33 | 22.45 | | | |
| 10 | 64QAM | 25 | 0 | 21.15 | 21.18 | 21.17 | 22.5 | 3 | |
| 10 | 64QAM | 25 | 12 | 21.07 | 21.25 | 21.13 | | | |
| 10 | 64QAM | 25 | 25 | 21.19 | 21.22 | 21.23 | | | |
| 10 | 64QAM | 50 | 0 | 21.22 | 21.23 | 21.21 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 5 | QPSK | 1 | 0 | 23.94 | 24.10 | 23.90 | | | |
| 5 | QPSK | 1 | 12 | 24.07 | 23.99 | 23.89 | 25.5 | 0 | |
| 5 | QPSK | 1 | 24 | 24.07 | 24.08 | 24.15 | | | |
| 5 | QPSK | 12 | 0 | 22.87 | 23.88 | 22.87 | | | |
| 5 | QPSK | 12 | 7 | 23.08 | 23.11 | 23.07 | 24.5 | 1 | |
| 5 | QPSK | 12 | 13 | 23.00 | 23.10 | 23.04 | | | |
| 5 | QPSK | 25 | 0 | 23.18 | 23.80 | 23.10 | | | |
| 5 | 16QAM | 1 | 0 | 23.83 | 23.88 | 23.78 | | | |
| 5 | 16QAM | 1 | 12 | 23.73 | 23.30 | 23.28 | 24.5 | 1 | |
| 5 | 16QAM | 1 | 24 | 23.98 | 23.74 | 23.98 | | | |
| 5 | 16QAM | 12 | 0 | 22.15 | 22.01 | 22.08 | | | |
| 5 | 16QAM | 12 | 7 | 22.34 | 22.12 | 22.02 | 23.5 | 2 | |
| 5 | 16QAM | 12 | 13 | 22.15 | 22.10 | 22.10 | | | |
| 5 | 16QAM | 25 | 0 | 22.15 | 22.14 | 22.11 | | | |
| 5 | 64QAM | 1 | 0 | 22.37 | 22.38 | 22.40 | 23.5 | 2 | |
| 5 | 64QAM | 1 | 12 | 22.11 | 22.12 | 22.21 | | | |
| 5 | 64QAM | 1 | 24 | 22.30 | 22.14 | 22.21 | | | |
| 5 | 64QAM | 12 | 0 | 21.10 | 21.12 | 21.09 | | | |
| 5 | 64QAM | 12 | 7 | 21.17 | 21.05 | 20.88 | 22.5 | 3 | |
| 5 | 64QAM | 12 | 13 | 21.10 | 21.10 | 21.14 | | | |
| 5 | 64QAM | 25 | 0 | 21.11 | 21.10 | 21.21 | | | |



Reduced Power for DSI 4

| Band 2_Ant 2 | | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------|-------------------|------------------|---------------|----------|---|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low (dBm) | Power Media (dBm) | Power High (dBm) | Time-up (min) | MPH (dB) | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 20 | QPSK | 1 | 0 | 23.74 | 23.52 | 23.52 | | | |
| 20 | QPSK | 1 | 48 | 23.78 | 23.77 | 23.88 | | 24.5 | 0 |
| 20 | QPSK | 1 | 96 | 23.87 | 23.77 | 23.76 | | | |
| 20 | QPSK | 50 | 0 | 22.72 | 22.88 | 22.84 | | | |
| 20 | QPSK | 50 | 24 | 22.84 | 22.87 | 22.83 | | 23.5 | 1 |
| 20 | QPSK | 50 | 50 | 22.76 | 22.81 | 22.86 | | | |
| 20 | QPSK | 100 | 0 | 22.81 | 22.88 | 22.82 | | | |
| 20 | HQAM | 1 | 0 | 23.07 | 23.06 | 23.17 | | | |
| 20 | HQAM | 1 | 48 | 23.24 | 23.46 | 23.29 | | 23.5 | 1 |
| 20 | HQAM | 1 | 96 | 23.74 | 23.53 | 23.09 | | | |
| 20 | HQAM | 50 | 0 | 21.82 | 21.89 | 21.84 | | | |
| 20 | HQAM | 50 | 24 | 21.85 | 21.86 | 21.83 | | 22.5 | 2 |
| 20 | HQAM | 50 | 50 | 21.78 | 21.85 | 21.82 | | | |
| 20 | HQAM | 100 | 0 | 21.85 | 21.83 | 21.82 | | | |
| 20 | HQAM | 1 | 0 | 21.85 | 22.05 | 21.99 | | 22.5 | 2 |
| 20 | HQAM | 1 | 48 | 21.86 | 22.13 | 21.96 | | | |
| 20 | HQAM | 1 | 96 | 21.88 | 22.03 | 22.00 | | | |
| 20 | HQAM | 50 | 0 | 20.74 | 20.81 | 20.84 | | | |
| 20 | HQAM | 50 | 24 | 20.76 | 20.87 | 20.86 | | 21.5 | 3 |
| 20 | HQAM | 50 | 50 | 20.74 | 20.81 | 20.87 | | | |
| 20 | HQAM | 100 | 0 | 20.72 | 20.88 | 20.81 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 15 | QPSK | 1 | 0 | 23.60 | 23.80 | 23.75 | | | |
| 15 | QPSK | 1 | 37 | 23.71 | 23.74 | 23.86 | | 24.5 | 0 |
| 15 | QPSK | 1 | 74 | 23.64 | 23.74 | 23.71 | | | |
| 15 | QPSK | 96 | 0 | 22.73 | 22.81 | 22.76 | | | |
| 15 | QPSK | 36 | 0 | 22.76 | 22.81 | 22.81 | | 23.5 | 1 |
| 15 | QPSK | 36 | 36 | 22.75 | 22.84 | 22.81 | | | |
| 15 | QPSK | 72 | 0 | 22.73 | 22.75 | 22.80 | | | |
| 15 | HQAM | 1 | 0 | 23.06 | 23.08 | 23.15 | | 23.5 | 1 |
| 15 | HQAM | 1 | 37 | 23.10 | 23.43 | 23.16 | | | |
| 15 | HQAM | 1 | 74 | 23.02 | 23.05 | 23.09 | | | |
| 15 | HQAM | 96 | 0 | 21.86 | 21.80 | 21.77 | | | |
| 15 | HQAM | 36 | 0 | 21.77 | 21.84 | 21.80 | | 22.5 | 2 |
| 15 | HQAM | 1 | 0 | 21.86 | 21.80 | 21.83 | | | |
| 15 | HQAM | 1 | 48 | 21.88 | 21.81 | 21.80 | | | |
| 15 | HQAM | 1 | 96 | 21.89 | 21.81 | 21.84 | | 22.5 | 2 |
| 15 | HQAM | 1 | 37 | 21.72 | 21.88 | 21.88 | | | |
| 15 | HQAM | 36 | 0 | 20.85 | 20.80 | 20.87 | | | |
| 15 | HQAM | 36 | 36 | 20.86 | 20.87 | 20.86 | | 21.5 | 3 |
| 15 | HQAM | 36 | 72 | 20.75 | 20.85 | 20.75 | | | |
| 15 | HQAM | 72 | 0 | 20.80 | 20.81 | 20.77 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 10 | QPSK | 1 | 0 | 23.08 | 23.30 | 23.85 | | | |
| 10 | QPSK | 1 | 25 | 23.00 | 23.71 | 23.79 | | 24.5 | 0 |
| 10 | QPSK | 1 | 49 | 23.02 | 23.69 | 23.72 | | | |
| 10 | QPSK | 50 | 0 | 22.60 | 22.84 | 22.76 | | | |
| 10 | QPSK | 25 | 0 | 22.75 | 22.74 | 22.70 | | 23.5 | 1 |
| 10 | QPSK | 25 | 25 | 22.76 | 22.80 | 22.80 | | | |
| 10 | QPSK | 50 | 0 | 22.81 | 22.75 | 22.80 | | | |
| 10 | HQAM | 1 | 0 | 23.05 | 22.82 | 23.07 | | 23.5 | 1 |
| 10 | HQAM | 1 | 25 | 23.03 | 23.44 | 23.24 | | | |
| 10 | HQAM | 1 | 49 | 22.99 | 23.04 | 23.06 | | | |
| 10 | HQAM | 25 | 0 | 21.74 | 21.80 | 21.82 | | 22.5 | 2 |
| 10 | HQAM | 25 | 25 | 21.73 | 21.83 | 21.83 | | | |
| 10 | HQAM | 50 | 0 | 21.76 | 21.86 | 21.86 | | | |
| 10 | HQAM | 1 | 0 | 21.82 | 21.86 | 21.88 | | | |
| 10 | HQAM | 1 | 25 | 21.78 | 22.06 | 21.86 | | 22.5 | 2 |
| 10 | HQAM | 1 | 49 | 21.80 | 21.88 | 21.88 | | | |
| 10 | HQAM | 25 | 0 | 20.88 | 20.80 | 20.79 | | | |
| 10 | HQAM | 25 | 25 | 20.85 | 20.84 | 20.74 | | 21.5 | 3 |
| 10 | HQAM | 50 | 0 | 20.77 | 20.84 | 20.71 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 5 | QPSK | 1 | 0 | 23.00 | 23.80 | 23.76 | | | |
| 5 | QPSK | 1 | 12 | 23.08 | 23.70 | 23.76 | | 24.5 | 0 |
| 5 | QPSK | 1 | 24 | 23.05 | 23.74 | 23.84 | | | |
| 5 | QPSK | 12 | 0 | 22.70 | 22.83 | 22.76 | | | |
| 5 | QPSK | 12 | 7 | 22.81 | 22.85 | 22.72 | | 23.5 | 1 |
| 5 | QPSK | 12 | 13 | 22.74 | 22.79 | 22.75 | | | |
| 5 | QPSK | 24 | 0 | 22.74 | 22.81 | 22.78 | | | |
| 5 | HQAM | 1 | 0 | 23.02 | 23.09 | 23.10 | | 23.5 | 1 |
| 5 | HQAM | 1 | 12 | 23.04 | 23.04 | 23.06 | | | |
| 5 | HQAM | 1 | 24 | 23.04 | 23.04 | 23.06 | | | |
| 5 | HQAM | 12 | 0 | 21.80 | 21.83 | 21.83 | | 22.5 | 2 |
| 5 | HQAM | 12 | 13 | 21.82 | 21.89 | 21.79 | | | |
| 5 | HQAM | 24 | 0 | 21.72 | 21.74 | 21.78 | | | |
| 5 | HQAM | 1 | 0 | 21.86 | 21.86 | 21.86 | | 22.5 | 2 |
| 5 | HQAM | 1 | 12 | 21.77 | 22.03 | 21.89 | | | |
| 5 | HQAM | 1 | 24 | 21.80 | 21.87 | 21.91 | | | |
| 5 | HQAM | 12 | 0 | 20.86 | 20.83 | 20.73 | | | |
| 5 | HQAM | 12 | 7 | 20.85 | 20.80 | 20.80 | | 21.5 | 3 |
| 5 | HQAM | 12 | 13 | 20.73 | 20.86 | 20.83 | | | |
| 5 | HQAM | 24 | 0 | 20.73 | 20.73 | 20.70 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 3 | QPSK | 1 | 0 | 23.00 | 23.80 | 23.77 | | | |
| 3 | QPSK | 1 | 8 | 23.08 | 23.85 | 23.77 | | 24.5 | 0 |
| 3 | QPSK | 1 | 14 | 23.03 | 23.74 | 23.86 | | | |
| 3 | QPSK | 8 | 0 | 22.60 | 22.81 | 22.82 | | | |
| 3 | QPSK | 8 | 4 | 22.81 | 22.75 | 22.74 | | 23.5 | 1 |
| 3 | QPSK | 8 | 7 | 22.71 | 22.85 | 22.78 | | | |
| 3 | QPSK | 16 | 0 | 22.70 | 22.84 | 22.70 | | | |
| 3 | HQAM | 1 | 0 | 23.02 | 22.98 | 23.14 | | 23.5 | 1 |
| 3 | HQAM | 1 | 8 | 23.20 | 23.37 | 23.24 | | | |
| 3 | HQAM | 1 | 14 | 22.99 | 23.08 | 23.07 | | | |
| 3 | HQAM | 8 | 0 | 21.74 | 21.83 | 21.78 | | | |
| 3 | HQAM | 8 | 4 | 21.81 | 21.92 | 21.83 | | 22.5 | 2 |
| 3 | HQAM | 8 | 7 | 21.77 | 21.80 | 21.79 | | | |
| 3 | HQAM | 16 | 0 | 21.76 | 21.83 | 21.71 | | | |
| 3 | HQAM | 1 | 0 | 21.85 | 21.86 | 21.87 | | 22.5 | 2 |
| 3 | HQAM | 1 | 8 | 21.80 | 22.05 | 21.87 | | | |
| 3 | HQAM | 1 | 14 | 21.78 | 21.89 | 21.89 | | | |
| 3 | HQAM | 8 | 0 | 20.86 | 20.82 | 20.80 | | | |
| 3 | HQAM | 8 | 4 | 20.73 | 20.80 | 20.70 | | 21.5 | 3 |
| 3 | HQAM | 8 | 7 | 20.88 | 20.83 | 20.75 | | | |
| 3 | HQAM | 16 | 0 | 20.81 | 20.74 | 20.75 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 1.4 | QPSK | 1 | 0 | 23.72 | 23.87 | 23.80 | | | |
| 1.4 | QPSK | 1 | 3 | 23.71 | 23.73 | 23.83 | | 24.5 | 0 |
| 1.4 | QPSK | 3 | 0 | 23.68 | 23.79 | 23.72 | | | |
| 1.4 | QPSK | 3 | 1 | 23.67 | 23.75 | 23.74 | | | |
| 1.4 | QPSK | 3 | 3 | 23.57 | 23.85 | 23.68 | | | |
| 1.4 | QPSK | 6 | 0 | 22.73 | 22.86 | 22.78 | | 23.5 | 1 |
| 1.4 | HQAM | 1 | 0 | 23.25 | 23.35 | 23.24 | | | |
| 1.4 | HQAM | 1 | 3 | 23.32 | 23.35 | 23.24 | | | |
| 1.4 | HQAM | 1 | 5 | 23.38 | 23.37 | 23.26 | | 23.5 | 1 |
| 1.4 | HQAM | 3 | 0 | 23.00 | 23.00 | 23.16 | | | |
| 1.4 | HQAM | 3 | 1 | 23.25 | 23.30 | 23.22 | | | |
| 1.4 | HQAM | 3 | 3 | 23.05 | 23.07 | 23.03 | | 23.5 | 2 |
| 1.4 | HQAM | 6 | 0 | 21.72 | 21.77 | 21.78 | | 23.5 | 2 |
| 1.4 | HQAM | 1 | 0 | 21.82 | 21.86 | 21.85 | | | |
| 1.4 | HQAM | 1 | 3 | 21.73 | 22.06 | 21.84 | | | |
| 1.4 | HQAM | 1 | 5 | 21.80 | 21.81 | 21.80 | | 22.5 | 2 |
| 1.4 | HQAM | 3 | 0 | 21.88 | 21.87 | 21.85 | | | |
| 1.4 | HQAM | 3 | 1 | 21.73 | 22.10 | 21.85 | | | |
| 1.4 | HQAM | 3 | 3 | 21.78 | 21.80 | 21.83 | | 21.5 | 3 |
| 1.4 | HQAM | 6 | 0 | 20.78 | 20.83 | 20.68 | | | |

| Band 2_Ant 3 | | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------|-------------------|------------------|---------------|----------|---|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low (dBm) | Power Media (dBm) | Power High (dBm) | Time-up (min) | MPH (dB) | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 20 | QPSK | 1 | 0 | 23.33 | 23.36 | 23.43 | | | |
| 20 | QPSK | 1 | 48 | 23.44 | 23.52 | 23.54 | | 24.5 | 0 |
| 20 | QPSK | 1 | 96 | 23.30 | 23.48 | 23.49 | | | |
| 20 | QPSK | 50 | 0 | 22.44 | 22.66 | 22.54 | | | |
| 20 | QPSK | 50 | 24 | 22.51 | 22.63 | 22.55 | | 23.5 | 1 |
| 20 | QPSK | 50 | 50 | 22.46 | 22.60 | 22.57 | | | |
| 20 | QPSK | 100 | 0 | 22.49 | 22.57 | 22.49 | | | |
| 20 | HQAM | 1 | 0 | 22.83 | 22.85 | 22.87 | | | |
| 20 | HQAM | 1 | 48 | 22.82 | 22.79 | 22.80 | | 23.5 | 1 |
| 20 | HQAM | 1 | 96 | 22.92 | 22.90 | 22.86 | | | |
| 20 | HQAM | 50 | 0 | 21.43 | 21.58 | 21.60 | | | |
| 20 | HQAM | 50 | 24 | 21.50 | 21.54 | | | | |



| Band 4_Ant 2 | | | | | | | | | | |
|-----------------|------------|---------|-----------|---------------------|----------------------|---------------------|---------------------|---------------------|---------------|----------|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. Freq. | Power High Ch. Freq. | Power Max Ch. Freq. | Power Min Ch. Freq. | Power Max Ch. Freq. | Time-up (min) | MPE (dB) |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 50 | QPSK | 1 | 0 | 24.45 | 24.45 | 24.45 | 24.45 | 24.45 | | |
| 20 | QPSK | 1 | 40 | 24.31 | 24.43 | 24.53 | 24.53 | 24.53 | 25.5 | 0 |
| 20 | QPSK | 1 | 80 | 24.45 | 24.41 | 24.41 | 24.41 | 24.41 | | |
| 20 | QPSK | 1 | 120 | 24.31 | 24.58 | 24.53 | 24.53 | 24.53 | | |
| 20 | QPSK | 50 | 24 | 24.38 | 24.38 | 24.48 | 24.48 | 24.48 | 24.5 | 1 |
| 20 | QPSK | 50 | 50 | 24.38 | 24.38 | 24.50 | 24.50 | 24.50 | | |
| 20 | QPSK | 50 | 75 | 24.31 | 24.47 | 24.45 | 24.45 | 24.45 | | |
| 20 | QPSK | 50 | 100 | 24.35 | 24.38 | 24.58 | 24.58 | 24.58 | | |
| 20 | QPSK | 1 | 40 | 24.75 | 24.74 | 24.76 | 24.76 | 24.76 | 24.5 | 1 |
| 20 | QPSK | 1 | 80 | 24.65 | 24.78 | 24.85 | 24.85 | 24.85 | | |
| 20 | QPSK | 50 | 0 | 24.25 | 24.33 | 24.55 | 24.55 | 24.55 | | |
| 20 | QPSK | 50 | 24 | 24.24 | 24.42 | 24.45 | 24.45 | 24.45 | 23.5 | 2 |
| 20 | QPSK | 50 | 50 | 24.25 | 24.21 | 24.38 | 24.38 | 24.38 | | |
| 20 | QPSK | 50 | 75 | 24.31 | 24.31 | 24.45 | 24.45 | 24.45 | | |
| 20 | QPSK | 50 | 100 | 24.31 | 24.31 | 24.45 | 24.45 | 24.45 | | |
| 20 | QPSK | 1 | 0 | 24.52 | 24.58 | 24.55 | 24.55 | 24.55 | 23.5 | 2 |
| 20 | QPSK | 1 | 40 | 24.37 | 24.57 | 24.58 | 24.58 | 24.58 | | |
| 20 | QPSK | 1 | 80 | 24.51 | 24.51 | 24.58 | 24.58 | 24.58 | | |
| 20 | QPSK | 1 | 120 | 24.45 | 24.58 | 24.45 | 24.45 | 24.45 | | |
| 20 | QPSK | 50 | 24 | 24.45 | 24.58 | 24.45 | 24.45 | 24.45 | 22.5 | 3 |
| 20 | QPSK | 50 | 50 | 24.26 | 24.26 | 24.31 | 24.31 | 24.31 | | |
| 20 | QPSK | 50 | 75 | 24.25 | 24.28 | 24.45 | 24.45 | 24.45 | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 15 | QPSK | 1 | 0 | 24.42 | 24.46 | 24.43 | 24.43 | 24.43 | 25.5 | 0 |
| 15 | QPSK | 1 | 37 | 24.18 | 24.28 | 24.43 | 24.43 | 24.43 | | |
| 15 | QPSK | 1 | 74 | 24.40 | 24.29 | 24.43 | 24.43 | 24.43 | | |
| 15 | QPSK | 36 | 0 | 24.23 | 24.31 | 24.30 | 24.30 | 24.30 | 24.5 | 1 |
| 15 | QPSK | 36 | 36 | 24.17 | 24.22 | 24.30 | 24.30 | 24.30 | | |
| 15 | QPSK | 36 | 72 | 24.27 | 24.27 | 24.38 | 24.38 | 24.38 | | |
| 15 | QPSK | 72 | 0 | 24.24 | 24.28 | 24.27 | 24.27 | 24.27 | | |
| 15 | QPSK | 72 | 36 | 24.42 | 24.36 | 24.34 | 24.34 | 24.34 | 24 | 1 |
| 15 | QPSK | 72 | 72 | 24.33 | 24.38 | 24.31 | 24.31 | 24.31 | 24.5 | 1 |
| 15 | QPSK | 1 | 37 | 24.52 | 24.54 | 24.58 | 24.58 | 24.58 | | |
| 15 | QPSK | 1 | 74 | 24.35 | 24.54 | 24.58 | 24.58 | 24.58 | | |
| 15 | QPSK | 36 | 0 | 24.22 | 24.24 | 24.24 | 24.24 | 24.24 | 23.5 | 2 |
| 15 | QPSK | 36 | 36 | 24.17 | 24.18 | 24.48 | 24.48 | 24.48 | | |
| 15 | QPSK | 36 | 72 | 24.27 | 24.22 | 24.25 | 24.25 | 24.25 | | |
| 15 | QPSK | 72 | 0 | 24.24 | 24.28 | 24.24 | 24.24 | 24.24 | 24 | 1 |
| 15 | QPSK | 72 | 36 | 24.42 | 24.36 | 24.47 | 24.44 | 24.44 | | |
| 15 | QPSK | 72 | 72 | 24.33 | 24.38 | 24.31 | 24.31 | 24.31 | 24.5 | 1 |
| 15 | QPSK | 1 | 37 | 24.52 | 24.75 | 24.75 | 24.75 | 24.75 | | |
| 15 | QPSK | 1 | 74 | 24.29 | 24.50 | 24.50 | 24.50 | 24.50 | | |
| 15 | QPSK | 36 | 0 | 24.27 | 24.18 | 24.38 | 24.38 | 24.38 | 23 | 2 |
| 15 | QPSK | 36 | 36 | 24.20 | 24.11 | 24.15 | 24.14 | 24.14 | | |
| 15 | QPSK | 36 | 72 | 24.27 | 24.10 | 24.15 | 24.15 | 24.15 | | |
| 15 | QPSK | 72 | 0 | 24.24 | 24.14 | 24.23 | 24.23 | 24.23 | 23 | 2 |
| 15 | QPSK | 72 | 36 | 24.42 | 24.35 | 24.33 | 24.33 | 24.33 | | |
| 15 | QPSK | 72 | 72 | 24.33 | 24.38 | 24.31 | 24.31 | 24.31 | 22.5 | 3 |
| 15 | QPSK | 1 | 37 | 24.52 | 24.75 | 24.75 | 24.75 | 24.75 | | |
| 15 | QPSK | 1 | 74 | 24.29 | 24.50 | 24.50 | 24.50 | 24.50 | | |
| 15 | QPSK | 36 | 0 | 24.27 | 24.18 | 24.38 | 24.38 | 24.38 | 22 | 3 |
| 15 | QPSK | 36 | 36 | 24.20 | 24.28 | 24.32 | 24.32 | 24.32 | | |
| 15 | QPSK | 36 | 72 | 24.27 | 24.10 | 24.15 | 24.15 | 24.15 | | |
| 15 | QPSK | 72 | 0 | 24.24 | 24.14 | 24.23 | 24.23 | 24.23 | 22 | 3 |
| 15 | QPSK | 72 | 36 | 24.42 | 24.36 | 24.47 | 24.44 | 24.44 | | |
| 15 | QPSK | 72 | 72 | 24.33 | 24.38 | 24.31 | 24.31 | 24.31 | 22 | 3 |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 15 | QPSK | 1 | 0 | 24.25 | 24.24 | 24.39 | 24.39 | 24.39 | 25.5 | 0 |
| 15 | QPSK | 1 | 25 | 24.29 | 24.30 | 24.30 | 24.30 | 24.30 | | |
| 15 | QPSK | 1 | 50 | 24.34 | 24.29 | 24.30 | 24.30 | 24.30 | | |
| 15 | QPSK | 25 | 0 | 24.18 | 24.31 | 24.34 | 24.34 | 24.34 | | |
| 15 | QPSK | 25 | 25 | 24.19 | 24.32 | 24.30 | 24.30 | 24.30 | 24.5 | 1 |
| 15 | QPSK | 50 | 0 | 24.23 | 24.32 | 24.30 | 24.30 | 24.30 | | |
| 15 | QPSK | 1 | 0 | 24.50 | 24.71 | 24.58 | 24.58 | 24.58 | 24.5 | 1 |
| 15 | QPSK | 1 | 40 | 24.34 | 24.78 | 24.58 | 24.58 | 24.58 | | |
| 15 | QPSK | 1 | 80 | 24.34 | 24.85 | 24.85 | 24.85 | 24.85 | | |
| 15 | QPSK | 25 | 0 | 24.17 | 24.22 | 24.43 | 24.43 | 24.43 | 23.5 | 2 |
| 15 | QPSK | 25 | 25 | 24.22 | 24.22 | 24.28 | 24.28 | 24.28 | | |
| 15 | QPSK | 50 | 0 | 24.22 | 24.22 | 24.28 | 24.28 | 24.28 | | |
| 15 | QPSK | 50 | 25 | 24.18 | 24.22 | 24.28 | 24.28 | 24.28 | 23.5 | 2 |
| 15 | QPSK | 50 | 50 | 24.22 | 24.22 | 24.28 | 24.28 | 24.28 | | |
| 15 | QPSK | 50 | 75 | 24.22 | 24.22 | 24.28 | 24.28 | 24.28 | | |
| 15 | QPSK | 50 | 100 | 24.22 | 24.22 | 24.28 | 24.28 | 24.28 | | |
| 15 | QPSK | 1 | 0 | 24.50 | 24.71 | 24.58 | 24.58 | 24.58 | 23.5 | 2 |
| 15 | QPSK | 1 | 40 | 24.34 | 24.78 | 24.58 | 24.58 | 24.58 | | |
| 15 | QPSK | 1 | 80 | 24.34 | 24.85 | 24.85 | 24.85 | 24.85 | | |
| 15 | QPSK | 25 | 0 | 24.17 | 24.22 | 24.43 | 24.43 | 24.43 | 23.5 | 2 |
| 15 | QPSK | 25 | 25 | 24.22 | 24.22 | 24.28 | 24.28 | 24.28 | | |
| 15 | QPSK | 50 | 0 | 24.22 | 24.22 | 24.28 | 24.28 | 24.28 | | |
| 15 | QPSK | 50 | 25 | 24.18 | 24.22 | 24.28 | 24.28 | 24.28 | 23.5 | 2 |
| 15 | QPSK | 50 | 50 | 24.22 | 24.22 | 24.28 | 24.28 | 24.28 | | |
| 15 | QPSK | 50 | 75 | 24.22 | 24.22 | 24.28 | 24.28 | 24.28 | | |
| 15 | QPSK | 50 | 100 | 24.22 | 24.22 | 24.28 | 24.28 | 24.28 | | |
| 15 | QPSK | 1 | 0 | 24.50 | 24.71 | 24.58 | 24.58 | 24.58 | 23.5 | 2 |
| 15 | QPSK | 1 | 40 | 24.34 | 24.78 | 24.58 | 24.58 | 24.58 | | |
| 15 | QPSK | 1 | 80 | 24.34 | 24.85 | 24.85 | 24.85 | 24.85 | | |
| 15 | QPSK | 25 | 0 | 24.17 | 24.22 | 24.43 | 24.43 | 24.43 | 23.5 | 2 |
| 15 | QPSK | 25 | 25 | 24.22 | 24.22 | 24.28 | 24.28 | 24.28 | | |
| 15 | QPSK | 50 | 0 | 24.22 | 24.22 | 24.28 | 24.28 | 24.28 | | |
| 15 | QPSK | 50 | 25 | 24.18 | 24.22 | 24.28 | 24.28 | 24.28 | 23.5 | 2 |
| 15 | QPSK | 50 | 50 | 24.22 | 24.22 | 24.28 | 24.28 | 24.28 | | |
| 15 | QPSK | 50 | 75 | 24.22 | 24.22 | 24.28 | 24.28 | 24.28 | | |
| 15 | QPSK | 50 | 100 | 24.22 | 24.22 | 24.28 | 24.28 | 24.28 | | |
| 15 | QPSK | 1 | 0 | 24.50 | 24.71 | 24.58 | 24.58 | 24.58 | 23.5 | 2 |
| 15 | QPSK | 1 | 40 | 24.34 | 24.78 | 24.58 | 24.58 | 24.58 | | |
| 15 | QPSK | 1 | 80 | 24.34 | 24.85 | 24.85 | 24.85 | 24.85 | | |
| 15 | QPSK | 25 | 0 | 24.17 | 24.22 | 24.43 | 24.43 | 24.43 | 23.5 | 2 |
| 15 | QPSK | 25 | 25 | 24.22 | 24.22 | 24.28 | 24.28 | 24.28 | | |
| 15 | QPSK | 50 | 0 | 24.22 | 24.22 | 24.28 | 24.28 | 24.28 | | |
| 15 | QPSK | 50 | 25 | 24.18 | 24.22 | 24.28 | 24.28 | 24.28 | 23.5 | 2 |
| 15 | QPSK | 50 | 50 | 24.22 | 24.22 | 24.28 | 24.28 | 24.28 | | |
| 15 | QPSK | 50 | 75 | 24.22 | 24.22 | 24.28 | 24.28 | 24.28 | | |
| 15 | QPSK | 50 | 100 | 24.22 | 24.22 | 24.28 | 24.28 | 24.28 | | |
| 15 | QPSK | 1 | 0 | 24.50 | 24.71 | 24.58 | 24.58 | 24.58 | 23.5 | 2 |
| 15 | QPSK | 1 | 40 | 24.34 | 24.78 | 24.58 | 24.58 | 24.58 | | |
| 15 | QPSK | 1 | 80 | 24.34 | 24.85 | 24.85 | 24.85 | 24.85 | | |
| 15 | QPSK | 25 | 0 | 24.17 | 24.22 | 24.43 | 24.43 | 24.43 | 23.5 | 2 |
| 15 | QPSK | 25 | 25 | 24.22 | 24.22 | 24.28 | 24.28 | 24.28 | | |
| 15 | QPSK | 50 | 0 | 24.22 | 24.22 | 24.28 | 24.28 | 24.28 | | |
| 15 | QPSK | 50 | 25 | 24.18 | 24.22 | 24.28 | 24.28 | 24.28 | 23.5 | 2 |
| 15 | QPSK | 50 | 50 | 24.22 | 24.22 | 24.28 | 24.28 | 24.28 | | |
| 15 | QPSK | 50 | 75 | 24.22 | 24.22 | 24.28 | 24.28 | 24.28 | | |
| 15 | QPSK | 50 | 100 | 24.22 | 24.22 | 24.28 | 24.28 | 24.28 | | |
| 15 | QPSK | 1 | 0 | 24.50 | 24.71 | 24.58 | 24.58 | 24.58 | 23.5 | 2 |
| 15 | QPSK | 1 | 40 | 24.34 | 24.78 | 24.58 | 24.58 | 24.58 | | |



| Band 7_Ant 2 | | | | | | | | | |
|-----------------|------------|---------|-----------|----------------------|------------------------|----------------------|---------------|----------|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Line Ch. Freq. | Power Middle Ch. Freq. | Power High Ch. Freq. | Tune-up (MHz) | MFR (dB) | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 20650 | 21000 | 21350 | | | |
| 20 | QPSK | 1 | 0 | 24.50 | 24.73 | 24.96 | | | |
| 20 | QPSK | 1 | 49 | 24.56 | 24.37 | 24.50 | 25.5 | 0 | |
| 20 | QPSK | 1 | 99 | 24.56 | 24.34 | 24.56 | | | |
| 20 | QPSK | 50 | 0 | 23.28 | 23.51 | 23.28 | | | |
| 20 | QPSK | 50 | 24 | 23.21 | 23.41 | 23.28 | 24.5 | 1 | |
| 20 | QPSK | 50 | 50 | 23.12 | 23.45 | 23.31 | | | |
| 20 | QPSK | 100 | 0 | 23.21 | 23.44 | 23.35 | | | |
| 20 | HQAM | 1 | 0 | 23.46 | 23.65 | 23.38 | | | |
| 20 | HQAM | 1 | 49 | 23.41 | 23.69 | 23.37 | 24.5 | 1 | |
| 20 | HQAM | 1 | 99 | 23.44 | 23.55 | 23.29 | | | |
| 20 | HQAM | 50 | 0 | 22.18 | 22.22 | 22.32 | | | |
| 20 | HQAM | 50 | 24 | 22.15 | 22.35 | 22.26 | 23.5 | 2 | |
| 20 | HQAM | 50 | 50 | 22.28 | 22.40 | 22.38 | | | |
| 20 | HQAM | 100 | 0 | 22.22 | 22.31 | 22.28 | | | |
| 20 | BQAM | 1 | 0 | 21.82 | 22.20 | 22.01 | | | |
| 20 | BQAM | 1 | 49 | 22.25 | 22.30 | 22.11 | 23.5 | 2 | |
| 20 | BQAM | 1 | 99 | 22.29 | 22.35 | 22.22 | | | |
| 20 | BQAM | 50 | 0 | 21.48 | 21.79 | 21.71 | | | |
| 20 | BQAM | 50 | 24 | 21.54 | 21.64 | 21.54 | 22.5 | 3 | |
| 20 | BQAM | 50 | 50 | 21.75 | 21.73 | 21.83 | | | |
| 20 | BQAM | 100 | 0 | 21.55 | 21.73 | 21.79 | | | |
| Channel | | | | 20655 | 21000 | 21352 | | | |
| Frequency (MHz) | | | | 2072.5 | 2035 | 2062.5 | | | |
| 15 | QPSK | 1 | 0 | 24.23 | 24.70 | 24.40 | | | |
| 15 | QPSK | 1 | 37 | 24.21 | 24.47 | 24.43 | 25.5 | 0 | |
| 15 | QPSK | 1 | 74 | 24.29 | 24.41 | 24.31 | | | |
| 15 | QPSK | 36 | 0 | 23.28 | 23.54 | 23.34 | | | |
| 15 | QPSK | 36 | 29 | 23.27 | 23.49 | 23.38 | 24.5 | 1 | |
| 15 | QPSK | 36 | 59 | 23.21 | 23.52 | 23.38 | | | |
| 15 | HQAM | 1 | 0 | 23.53 | 23.47 | 23.39 | | | |
| 15 | HQAM | 1 | 37 | 23.51 | 23.72 | 23.46 | 24.5 | 1 | |
| 15 | HQAM | 1 | 74 | 23.49 | 23.64 | 23.39 | | | |
| 15 | HQAM | 36 | 0 | 22.27 | 22.30 | 22.24 | | | |
| 15 | HQAM | 36 | 29 | 22.25 | 22.45 | 22.34 | 23.5 | 2 | |
| 15 | HQAM | 36 | 59 | 22.28 | 22.40 | 22.35 | | | |
| 15 | BQAM | 1 | 0 | 22.31 | 22.40 | 22.26 | | | |
| 15 | BQAM | 1 | 74 | 22.34 | 22.45 | 22.09 | 23.5 | 2 | |
| 15 | BQAM | 36 | 0 | 21.55 | 21.88 | 21.79 | | | |
| 15 | BQAM | 36 | 29 | 21.54 | 21.84 | 21.86 | | | |
| 15 | BQAM | 36 | 59 | 21.52 | 21.82 | 21.71 | 22.5 | 3 | |
| 15 | BQAM | 75 | 0 | 21.84 | 21.87 | 21.84 | | | |
| Channel | | | | 20700 | 21000 | 21420 | | | |
| Frequency (MHz) | | | | 2055 | 2035 | 2055 | | | |
| 10 | QPSK | 1 | 0 | 24.23 | 24.67 | 24.42 | | | |
| 10 | QPSK | 1 | 25 | 24.25 | 24.44 | 24.43 | 25.5 | 0 | |
| 10 | QPSK | 1 | 49 | 24.25 | 24.44 | 24.38 | | | |
| 10 | QPSK | 25 | 0 | 23.27 | 23.53 | 23.33 | | | |
| 10 | QPSK | 25 | 12 | 23.25 | 23.49 | 23.38 | 24.5 | 1 | |
| 10 | QPSK | 25 | 25 | 23.21 | 23.54 | 23.38 | | | |
| 10 | QPSK | 50 | 0 | 23.24 | 23.49 | 23.37 | | | |
| 10 | HQAM | 1 | 0 | 23.54 | 23.73 | 23.48 | | | |
| 10 | HQAM | 1 | 25 | 23.51 | 23.79 | 23.43 | 24.5 | 1 | |
| 10 | HQAM | 1 | 49 | 23.54 | 23.65 | 23.38 | | | |
| 10 | HQAM | 25 | 0 | 22.24 | 22.27 | 22.07 | | | |
| 10 | HQAM | 25 | 12 | 22.22 | 22.43 | 22.32 | 23.5 | 2 | |
| 10 | HQAM | 25 | 25 | 22.25 | 22.47 | 22.49 | | | |
| 10 | BQAM | 1 | 0 | 22.27 | 22.40 | 22.39 | | | |
| 10 | BQAM | 1 | 49 | 22.34 | 22.41 | 22.11 | 23.5 | 2 | |
| 10 | BQAM | 25 | 0 | 21.87 | 22.32 | 22.10 | | | |
| 10 | BQAM | 1 | 25 | 22.30 | 22.30 | 22.30 | | | |
| 10 | BQAM | 25 | 12 | 21.81 | 21.84 | 21.84 | 22.5 | 3 | |
| 10 | BQAM | 25 | 25 | 21.71 | 21.85 | 21.89 | | | |
| 10 | BQAM | 50 | 0 | 21.81 | 21.82 | 21.71 | | | |
| 10 | BQAM | 50 | 0 | 21.80 | 21.70 | 21.84 | | | |
| Channel | | | | 20775 | 21000 | 21425 | | | |
| Frequency (MHz) | | | | 2072.5 | 2035 | 2072.5 | | | |
| 5 | QPSK | 1 | 0 | 24.22 | 24.68 | 24.43 | | | |
| 5 | QPSK | 1 | 12 | 24.20 | 24.45 | 24.41 | 25.5 | 0 | |
| 5 | QPSK | 1 | 24 | 24.25 | 24.44 | 24.38 | | | |
| 5 | QPSK | 12 | 0 | 23.20 | 23.53 | 23.32 | | | |
| 5 | QPSK | 12 | 7 | 23.21 | 23.49 | 23.38 | 24.5 | 1 | |
| 5 | QPSK | 12 | 15 | 23.20 | 23.52 | 23.39 | | | |
| 5 | QPSK | 25 | 0 | 23.22 | 23.47 | 23.38 | | | |
| 5 | HQAM | 1 | 0 | 23.58 | 23.73 | 23.44 | | | |
| 5 | HQAM | 1 | 12 | 23.58 | 23.76 | 23.48 | 24.5 | 1 | |
| 5 | HQAM | 1 | 24 | 23.51 | 23.63 | 23.38 | | | |
| 5 | HQAM | 12 | 0 | 22.23 | 22.32 | 22.39 | | | |
| 5 | HQAM | 12 | 7 | 22.23 | 22.41 | 22.31 | 23.5 | 2 | |
| 5 | HQAM | 12 | 15 | 22.24 | 22.48 | 22.48 | | | |
| 5 | HQAM | 25 | 0 | 22.26 | 22.38 | 22.33 | | | |
| 5 | BQAM | 1 | 0 | 21.89 | 22.34 | 22.09 | | | |
| 5 | BQAM | 1 | 12 | 22.32 | 22.37 | 22.27 | 23.5 | 2 | |
| 5 | BQAM | 1 | 24 | 22.36 | 22.43 | 22.11 | | | |
| 5 | BQAM | 12 | 0 | 21.84 | 21.80 | 21.79 | | | |
| 5 | BQAM | 12 | 7 | 21.73 | 21.64 | 21.85 | 22.5 | 3 | |
| 5 | BQAM | 12 | 15 | 21.80 | 21.80 | 21.89 | | | |
| 5 | BQAM | 25 | 0 | 21.81 | 21.81 | 21.89 | | | |

| Band 7_Ant 3 | | | | | | | | | |
|-----------------|------------|---------|-----------|----------------------|------------------------|----------------------|---------------|----------|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Line Ch. Freq. | Power Middle Ch. Freq. | Power High Ch. Freq. | Tune-up (MHz) | MFR (dB) | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 20650 | 21000 | 21350 | | | |
| 20 | QPSK | 1 | 0 | 24.23 | 24.73 | 24.23 | | | |
| 20 | QPSK | 1 | 49 | 24.24 | 24.15 | 24.12 | 25.2 | 0 | |
| 20 | QPSK | 1 | 99 | 24.18 | 24.28 | 24.11 | | | |
| 20 | QPSK | 50 | 0 | 23.22 | 23.38 | 23.39 | | | |
| 20 | QPSK | 50 | 24 | 23.23 | 23.35 | 23.35 | 24.2 | 1 | |
| 20 | QPSK | 50 | 50 | 23.17 | 23.29 | 23.32 | | | |
| 20 | QPSK | 100 | 0 | 23.14 | 23.32 | 23.19 | | | |
| 20 | HQAM | 1 | 0 | 23.50 | 23.12 | 23.47 | | | |
| 20 | HQAM | 1 | 49 | 23.37 | 23.59 | 23.43 | 24.2 | 1 | |
| 20 | HQAM | 1 | 99 | 23.47 | 23.52 | 23.44 | | | |
| 20 | HQAM | 50 | 0 | 22.55 | 22.31 | 22.29 | | | |
| 20 | HQAM | 50 | 24 | 22.18 | 22.32 | 22.28 | 23.2 | 2 | |
| 20 | HQAM | 50 | 50 | 22.17 | 22.42 | 22.37 | | | |
| 20 | HQAM | 100 | 0 | 22.23 | 22.32 | 22.24 | | | |
| 20 | HQAM | 1 | 0 | 22.10 | 22.48 | 22.48 | | | |
| 20 | HQAM | 1 | 49 | 22.10 | 22.49 | 22.29 | 23.2 | 2 | |
| 20 | BQAM | 1 | 0 | 22.47 | 22.47 | 22.46 | | | |
| 20 | BQAM | 50 | 0 | 21.86 | 21.28 | 21.10 | | | |
| 20 | BQAM | 50 | 24 | 21.26 | 21.24 | 21.32 | 22.2 | 3 | |
| 20 | BQAM | 50 | 50 | 21.20 | 21.41 | 21.34 | | | |
| 20 | BQAM | 100 | 0 | 21.24 | 21.24 | 21.28 | | | |
| Channel | | | | 20655 | 21000 | 21352 | | | |
| Frequency (MHz) | | | | 2072.5 | 2035 | 2062.5 | | | |
| 15 | QPSK | 1 | 0 | 23.84 | 24.17 | 23.95 | | | |
| 15 | QPSK | 1 | 37 | 23.84 | 24.07 | 24.01 | 25.2 | 0 | |
| 15 | QPSK | 1 | 74 | 23.83 | 24.19 | 24.01 | | | |
| 15 | QPSK | 36 | 0 | 23.14 | 23.19 | 23.23 | | | |
| 15 | QPSK | 36 | 29 | 23.13 | 23.22 | 23.26 | 24.2 | 1 | |
| 15 | QPSK | 36 | 59 | 23.05 | 23.21 | 23.19 | | | |
| 15 | HQAM | 1 | 0 | 23.02 | 23.23 | 23.00 | | | |
| 15 | HQAM | 1 | 37 | 23.42 | 23.96 | 23.37 | 24.2 | 1 | |
| 15 | HQAM | 1 | 74 | 23.83 | 23.54 | 23.34 | | | |
| 15 | HQAM | 36 | 0 | 22.41 | 22.87 | 23.96 | | | |
| 15 | HQAM | 36 | 29 | 22.40 | 22.94 | 22.21 | 23.2 | 2 | |
| 15 | HQAM | 36 | 59 | 22.10 | 22.17 | 22.23 | | | |
| 15 | HQAM | 75 | 0 | 22.09 | 22.14 | 22.19 | | | |
| 15 | BQAM | 1 | 0 | 21.95 | 22.29 | 22.37 | | | |
| 15 | BQAM | 1 | 74 | 21.94 | 22.03 | 21.91 | 23.2 | 2 | |
| 15 | BQAM | 36 | 0 | 21.04 | 21.18 | 21.03 | | | |
| 15 | BQAM | 36 | 29 | 21.11 | 21.03 | 21.11 | 22.2 | 3 | |
| 15 | BQAM | 36 | 59 | 21.13 | 21.25 | 21.25 | | | |
| 15 | BQAM | 75 | 0 | 21.14 | 21.28 | 21.37 | | | |
| Channel | | | | 20700 | 21000 | 21420 | | | |
| Frequency (MHz) | | | | 2055 | 2035 | 2055 | | | |
| 10 | QPSK | 1 | 0 | 23.79 | 24.25 | 23.87 | | | |
| 10 | QPSK | 1 | 25 | 23.83 | 24.12 | 24.01 | 25.2 | 0 | |
| 10 | QPSK | 1 | 49 | 23.83 | 24.13 | 23.98 | | | |
| 10 | QPSK | 25 | 0 | 23.66 | 23.28 | 23.16 | | | |
| 10 | QPSK | 25 | 12 | 23.11 | 23.21 | 23.19 | 24.2 | 1 | |
| 10 | QPSK</ | | | | | | | | |



| Band 12_Ant 0 | | | | | | | | | | |
|-----------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------|----------|--|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. Freq. | Power Middle Ch. Freq. | Power High Ch. Freq. | Tune-up (MHz) | MPE (dB) | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 10 | QPSK | 1 | 0 | 24.03 | 24.06 | 24.11 | | | | |
| 10 | QPSK | 1 | 25 | 24.02 | 24.08 | 24.09 | 25.5 | 0 | | |
| 10 | QPSK | 1 | 49 | 24.00 | 24.05 | 24.05 | | | | |
| 10 | QPSK | 25 | 0 | 23.94 | 23.97 | 23.94 | | | | |
| 10 | QPSK | 25 | 12 | 23.90 | 23.96 | 23.95 | 24.5 | 1 | | |
| 10 | QPSK | 50 | 0 | 23.84 | 23.92 | 23.91 | | | | |
| 10 | HQAMM | 1 | 0 | 24.31 | 24.34 | 24.20 | | | | |
| 10 | HQAMM | 1 | 25 | 24.12 | 24.10 | 24.10 | 24.5 | 1 | | |
| 10 | HQAMM | 1 | 49 | 24.00 | 24.05 | 24.07 | | | | |
| 10 | HQAMM | 25 | 0 | 23.96 | 23.92 | 23.90 | | | | |
| 10 | HQAMM | 25 | 12 | 23.94 | 23.91 | 23.95 | 23.5 | 2 | | |
| 10 | HQAMM | 25 | 25 | 23.97 | 23.99 | 23.94 | | | | |
| 10 | HQAMM | 50 | 0 | 23.90 | 23.98 | 23.91 | | | | |
| 10 | HQAMM | 1 | 0 | 23.84 | 23.98 | 23.95 | | | | |
| 10 | HQAMM | 1 | 25 | 23.91 | 23.92 | 24.03 | 23.5 | 2 | | |
| 10 | HQAMM | 1 | 49 | 23.00 | 23.00 | 23.00 | | | | |
| 10 | HQAMM | 25 | 0 | 23.02 | 23.06 | 23.06 | | | | |
| 10 | HQAMM | 25 | 12 | 23.00 | 23.06 | 23.06 | 22.5 | 3 | | |
| 10 | HQAMM | 25 | 25 | 22.99 | 23.07 | 23.02 | | | | |
| 10 | HQAMM | 50 | 0 | 22.92 | 23.07 | 23.05 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 5 | QPSK | 1 | 0 | 24.55 | 24.70 | 24.64 | | | | |
| 5 | QPSK | 1 | 24 | 24.78 | 24.65 | 24.75 | 25.5 | 0 | | |
| 5 | QPSK | 12 | 0 | 23.75 | 23.80 | 23.71 | | | | |
| 5 | QPSK | 12 | 13 | 23.84 | 23.85 | 23.78 | 24.5 | 1 | | |
| 5 | QPSK | 25 | 0 | 23.87 | 23.83 | 23.80 | | | | |
| 5 | HQAMM | 1 | 0 | 24.01 | 24.06 | 24.00 | | | | |
| 5 | HQAMM | 1 | 12 | 24.03 | 24.02 | 24.00 | 24.5 | 1 | | |
| 5 | HQAMM | 1 | 24 | 24.19 | 24.30 | 24.30 | | | | |
| 5 | HQAMM | 12 | 0 | 23.77 | 23.80 | 23.87 | | | | |
| 5 | HQAMM | 12 | 7 | 23.94 | 23.95 | 23.94 | 23.5 | 2 | | |
| 5 | HQAMM | 12 | 13 | 23.95 | 23.90 | 23.90 | | | | |
| 5 | HQAMM | 1 | 0 | 23.80 | 23.85 | 23.85 | | | | |
| 5 | HQAMM | 1 | 24 | 23.97 | 23.90 | 23.84 | 23.5 | 2 | | |
| 5 | HQAMM | 12 | 0 | 23.83 | 23.87 | 23.85 | | | | |
| 5 | HQAMM | 12 | 13 | 23.96 | 23.90 | 23.90 | 22.5 | 3 | | |
| 5 | HQAMM | 25 | 0 | 23.80 | 23.89 | 23.84 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 3 | QPSK | 1 | 0 | 24.52 | 24.72 | 24.55 | | | | |
| 3 | QPSK | 1 | 24 | 24.74 | 24.70 | 24.70 | 25.5 | 0 | | |
| 3 | QPSK | 1 | 14 | 24.74 | 24.68 | 24.74 | | | | |
| 3 | QPSK | 8 | 0 | 23.86 | 23.81 | 23.76 | | | | |
| 3 | QPSK | 8 | 4 | 23.82 | 23.84 | 23.80 | 24.5 | 1 | | |
| 3 | QPSK | 8 | 7 | 23.80 | 23.84 | 23.81 | | | | |
| 3 | QPSK | 15 | 0 | 23.73 | 23.86 | 23.86 | | | | |
| 3 | HQAMM | 1 | 0 | 24.22 | 24.04 | 24.10 | | | | |
| 3 | HQAMM | 1 | 14 | 24.28 | 24.44 | 24.37 | 24.5 | 1 | | |
| 3 | HQAMM | 8 | 0 | 23.84 | 23.89 | 23.84 | | | | |
| 3 | HQAMM | 8 | 4 | 23.84 | 23.82 | 23.86 | 23.5 | 2 | | |
| 3 | HQAMM | 8 | 7 | 23.87 | 23.87 | 23.89 | | | | |
| 3 | HQAMM | 15 | 0 | 23.60 | 23.69 | 23.68 | | | | |
| 3 | HQAMM | 8 | 0 | 23.71 | 23.21 | 23.29 | | | | |
| 3 | HQAMM | 8 | 4 | 23.89 | 23.03 | 23.39 | 23.5 | 2 | | |
| 3 | HQAMM | 8 | 7 | 23.80 | 23.20 | 23.24 | | | | |
| 3 | HQAMM | 8 | 15 | 23.89 | 23.93 | 23.84 | | | | |
| 3 | HQAMM | 8 | 4 | 23.83 | 23.91 | 23.71 | 22.5 | 3 | | |
| 3 | HQAMM | 8 | 7 | 23.81 | 23.98 | 23.88 | | | | |
| 3 | HQAMM | 15 | 0 | 23.76 | 23.90 | 23.86 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 1.4 | QPSK | 1 | 0 | 24.57 | 24.70 | 24.52 | | | | |
| 1.4 | QPSK | 1 | 3 | 24.70 | 24.71 | 24.70 | 25.5 | 0 | | |
| 1.4 | QPSK | 3 | 0 | 24.41 | 24.54 | 24.41 | | | | |
| 1.4 | QPSK | 3 | 1 | 24.56 | 24.57 | 24.71 | | | | |
| 1.4 | QPSK | 3 | 3 | 24.59 | 24.69 | 24.60 | | | | |
| 1.4 | QPSK | 6 | 0 | 23.72 | 23.83 | 23.82 | 24.5 | 1 | | |
| 1.4 | HQAMM | 1 | 0 | 24.21 | 23.82 | 24.00 | | | | |
| 1.4 | HQAMM | 1 | 14 | 24.24 | 24.09 | 24.00 | 24.5 | 1 | | |
| 1.4 | HQAMM | 1 | 0 | 24.25 | 24.41 | 24.42 | | | | |
| 1.4 | HQAMM | 3 | 0 | 24.13 | 23.88 | 23.94 | | | | |
| 1.4 | HQAMM | 3 | 1 | 23.90 | 23.94 | 24.00 | 23.5 | 2 | | |
| 1.4 | HQAMM | 3 | 3 | 24.14 | 24.52 | 24.34 | | | | |
| 1.4 | HQAMM | 6 | 0 | 23.83 | 23.87 | 23.85 | | | | |
| 1.4 | HQAMM | 1 | 0 | 23.80 | 23.79 | 23.88 | | | | |
| 1.4 | HQAMM | 1 | 3 | 23.96 | 23.97 | 23.85 | 23.5 | 2 | | |
| 1.4 | HQAMM | 1 | 5 | 23.86 | 23.73 | 23.83 | | | | |
| 1.4 | HQAMM | 1 | 1 | 23.78 | 23.97 | 23.70 | | | | |
| 1.4 | HQAMM | 3 | 0 | 22.73 | 22.83 | 22.70 | 22.5 | 3 | | |
| 1.4 | HQAMM | 6 | 0 | 23.70 | 23.86 | 23.80 | | | | |

| Band 12_Ant 1 | | | | | | | | | | |
|-----------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------|----------|--|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. Freq. | Power Middle Ch. Freq. | Power High Ch. Freq. | Tune-up (MHz) | MPE (dB) | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 10 | QPSK | 1 | 0 | 24.05 | 24.14 | 24.03 | | | | |
| 10 | QPSK | 1 | 25 | 24.10 | 23.91 | 24.01 | 25.5 | 0 | | |
| 10 | QPSK | 1 | 49 | 24.02 | 23.88 | 24.14 | | | | |
| 10 | QPSK | 25 | 0 | 23.94 | 23.97 | 23.98 | | | | |
| 10 | QPSK | 25 | 12 | 23.10 | 23.86 | 23.13 | 24.5 | 1 | | |
| 10 | QPSK | 25 | 25 | 23.14 | 23.12 | 23.11 | | | | |
| 10 | QPSK | 50 | 0 | 23.04 | 23.08 | 23.07 | | | | |
| 10 | HQAMM | 1 | 0 | 23.59 | 23.82 | 23.27 | | | | |
| 10 | HQAMM | 1 | 25 | 23.49 | 23.51 | 23.60 | 24.5 | 1 | | |
| 10 | HQAMM | 1 | 49 | 23.51 | 23.85 | 23.52 | | | | |
| 10 | HQAMM | 25 | 0 | 23.01 | 23.13 | 23.00 | | | | |
| 10 | HQAMM | 25 | 12 | 23.21 | 23.10 | 23.88 | 23.5 | 2 | | |
| 10 | HQAMM | 25 | 25 | 23.24 | 23.13 | 23.10 | | | | |
| 10 | HQAMM | 50 | 0 | 23.22 | 23.08 | 23.16 | | | | |
| 10 | HQAMM | 1 | 0 | 22.99 | 22.99 | 23.89 | | | | |
| 10 | HQAMM | 1 | 25 | 23.28 | 23.34 | 23.22 | 23.5 | 2 | | |
| 10 | HQAMM | 1 | 49 | 23.28 | 23.31 | 23.26 | | | | |
| 10 | HQAMM | 25 | 0 | 23.01 | 23.08 | 23.01 | | | | |
| 10 | HQAMM | 25 | 12 | 23.17 | 23.09 | 23.00 | 22.5 | 3 | | |
| 10 | HQAMM | 25 | 25 | 23.13 | 23.13 | 23.09 | | | | |
| 10 | HQAMM | 50 | 0 | 23.08 | 23.05 | 23.16 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 5 | QPSK | 1 | 0 | 23.92 | 23.96 | 23.79 | | | | |
| 5 | QPSK | 1 | 24 | 23.86 | 23.81 | 24.08 | 25.5 | 0 | | |
| 5 | QPSK | 12 | 0 | 23.81 | 23.80 | 23.87 | | | | |
| 5 | QPSK | 12 | 13 | 23.90 | 23.89 | 23.86 | 24.5 | 1 | | |
| 5 | QPSK | 25 | 0 | 23.86 | 23.83 | 23.83 | | | | |
| 5 | HQAMM | 1 | 0 | 24.01 | 24.01 | 24.14 | | | | |
| 5 | HQAMM | 1 | 12 | 23.41 | 23.42 | 23.58 | 24.5 | 1 | | |
| 5 | HQAMM | 1 | 24 | 23.46 | 23.52 | 23.46 | | | | |
| 5 | HQAMM | 12 | 0 | 23.80 | 23.83 | 23.83 | | | | |
| 5 | HQAMM | 12 | 7 | 23.03 | 23.03 | 23.85 | 23.5 | 2 | | |
| 5 | HQAMM | 12 | 13 | 23.04 | 23.04 | 23.87 | | | | |
| 5 | HQAMM | 25 | 0 | 23.11 | 23.01 | 23.90 | | | | |
| 5 | HQAMM | 1 | 0 | 23.90 | 23.99 | 23.78 | | | | |
| 5 | HQAMM | 1 | 12 | 23.00 | 23.00 | 23.87 | 23.5 | 2 | | |
| 5 | HQAMM | 1 | 24 | 23.05 | 23.00 | 23.84 | | | | |
| 5 | HQAMM | 12 | 0 | 23.02 | 23.02 | 23.86 | | | | |
| 5 | HQAMM | 12 | 13 | 23.10 | 23.13 | 23.84 | 22.5 | 3 | | |
| 5 | HQAMM | 25 | 0 | 23.04 | 23.79 | 23.80 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 3 | QPSK | 1 | 0 | 23.96 | 24.01 | 23.85 | | | | |
| 3 | QPSK | 1 | 14 | 23.80 | 23.85 | 23.87 | 25.5 | 0 | | |
| 3 | QPSK | 8 | 0 | 23.82 | 23.90 | 23.84 | | | | |
| 3 | QPSK | 8 | 4 | 23.86 | 23.94 | 23.88 | 24.5 | 1 | | |
| 3 | QPSK | 8 | 7 | 23.88 | 23.85 | 23.87 | | | | |
| 3 | QPSK | 15 | 0 | 23.81 | 23.61 | 23.88 | | | | |
| 3 | HQAMM | 1 | 0 | 23.85 | 23.85 | 23.11 | | | | |
| 3 | HQAMM | 1 | 14 | 23.42 | 23.35 | 23.90 | 24.5 | 1 | | |
| 3 | HQAMM | 8 | 0 | 23.89 | 24.04 | 23.89 | | | | |
| 3 | HQAMM | 8 | 4 | 23.87 | 23.99 | 23.81 | 23.5 | 2 | | |
| 3 | HQAMM | 8 | 7 | 23.39 | 23.13 | 23.99 | | | | |
| 3 | HQAM | | | | | | | | | |



| Band 17_Ant 0 | | | | | | | | | |
|-----------------|------------|---------|-----------|---------------------|------------------------|----------------------|--------------|----------|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. Freq. | Power Middle Ch. Freq. | Power High Ch. Freq. | Time-up (dB) | MPS (dB) | |
| Channel | | | | | | | | | |
| | | | | 23780 | 23790 | 23800 | | | |
| Frequency (MHz) | | | | | | | | | |
| | | | | 706 | 710 | 714 | | | |
| 10 | QPSK | 1 | 0 | 24.05 | 24.07 | 24.12 | | | |
| 10 | QPSK | 1 | 25 | 24.77 | 24.89 | 24.85 | 25.5 | 0 | |
| 10 | QPSK | 1 | 49 | 24.65 | 24.88 | 24.91 | | | |
| 10 | QPSK | 25 | 0 | 23.87 | 23.98 | 23.92 | | | |
| 10 | QPSK | 25 | 12 | 23.81 | 23.97 | 23.95 | 24.5 | 1 | |
| 10 | QPSK | 25 | 25 | 23.90 | 23.87 | 23.93 | | | |
| 10 | QPSK | 50 | 0 | 23.91 | 24.06 | 24.03 | | | |
| 10 | 16QAM | 1 | 0 | 24.04 | 24.20 | 24.33 | | | |
| 10 | 16QAM | 1 | 25 | 24.20 | 24.57 | 24.11 | 24.5 | 1 | |
| 10 | 16QAM | 1 | 49 | 24.27 | 24.36 | 24.50 | | | |
| 10 | 16QAM | 25 | 0 | 23.90 | 23.92 | 23.94 | | | |
| 10 | 16QAM | 25 | 12 | 22.87 | 23.10 | 22.88 | 23.5 | 2 | |
| 10 | 16QAM | 25 | 25 | 23.01 | 22.89 | 23.98 | | | |
| 10 | 16QAM | 50 | 0 | 22.94 | 23.01 | 23.02 | | | |
| 10 | 8QAM | 1 | 0 | 22.90 | 23.07 | 22.71 | | | |
| 10 | 8QAM | 1 | 25 | 22.85 | 23.16 | 23.86 | 23.5 | 2 | |
| 10 | 8QAM | 1 | 49 | 23.20 | 22.89 | 23.28 | | | |
| 10 | 8QAM | 25 | 0 | 22.80 | 23.09 | 23.67 | | | |
| 10 | 8QAM | 25 | 12 | 22.08 | 22.08 | 22.00 | 22.5 | 3 | |
| 10 | 8QAM | 25 | 25 | 21.98 | 21.92 | 21.91 | | | |
| 10 | 8QAM | 50 | 0 | 21.91 | 22.05 | 22.09 | | | |
| Channel | | | | | | | | | |
| | | | | 23785 | 23790 | 23805 | | | |
| Frequency (MHz) | | | | | | | | | |
| | | | | 706.5 | 710 | 713.5 | | | |
| 5 | QPSK | 1 | 0 | 24.02 | 24.31 | 24.71 | 25.5 | 0 | |
| 5 | QPSK | 1 | 12 | 24.05 | 24.14 | 24.71 | | | |
| 5 | QPSK | 1 | 24 | 24.57 | 24.80 | 24.84 | | | |
| 5 | QPSK | 12 | 0 | 23.78 | 23.85 | 23.82 | | | |
| 5 | QPSK | 12 | 7 | 23.82 | 23.81 | 23.88 | 24.5 | 1 | |
| 5 | QPSK | 12 | 13 | 23.78 | 23.76 | 23.81 | | | |
| 5 | QPSK | 25 | 0 | 23.79 | 23.92 | 23.92 | | | |
| 5 | 16QAM | 1 | 0 | 23.91 | 24.05 | 24.26 | | | |
| 5 | 16QAM | 1 | 12 | 24.18 | 24.05 | 24.01 | 24.5 | 1 | |
| 5 | 16QAM | 1 | 24 | 24.27 | 24.31 | 24.46 | | | |
| 5 | 16QAM | 12 | 0 | 22.83 | 22.78 | 22.86 | | | |
| 5 | 16QAM | 12 | 7 | 22.85 | 22.95 | 22.77 | 23.5 | 2 | |
| 5 | 16QAM | 12 | 13 | 22.87 | 22.83 | 22.89 | | | |
| 5 | 16QAM | 25 | 0 | 22.83 | 22.81 | 22.90 | | | |
| 5 | 8QAM | 1 | 0 | 23.43 | 23.02 | 22.83 | | | |
| 5 | 8QAM | 1 | 12 | 22.77 | 23.00 | 22.78 | 23.5 | 2 | |
| 5 | 8QAM | 1 | 24 | 23.13 | 22.87 | 23.14 | | | |
| 5 | 8QAM | 12 | 0 | 21.89 | 21.93 | 21.82 | | | |
| 5 | 8QAM | 12 | 7 | 21.83 | 22.05 | 21.87 | 22.5 | 3 | |
| 5 | 8QAM | 12 | 13 | 21.28 | 21.77 | 21.76 | | | |
| 5 | 8QAM | 25 | 0 | 21.87 | 21.87 | 21.89 | | | |

| Band 17_Ant 1 | | | | | | | | | |
|-----------------|------------|---------|-----------|---------------------|------------------------|----------------------|--------------|----------|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. Freq. | Power Middle Ch. Freq. | Power High Ch. Freq. | Time-up (dB) | MPS (dB) | |
| Channel | | | | | | | | | |
| | | | | 23780 | 23790 | 23800 | | | |
| Frequency (MHz) | | | | | | | | | |
| | | | | 710 | 714 | 718 | | | |
| 10 | QPSK | 1 | 0 | 24.02 | 24.29 | 23.97 | | | |
| 10 | QPSK | 1 | 25 | 24.21 | 24.05 | 24.04 | 25.5 | 0 | |
| 10 | QPSK | 1 | 49 | 24.13 | 24.18 | 24.22 | | | |
| 10 | QPSK | 25 | 0 | 23.13 | 23.24 | 23.12 | | | |
| 10 | QPSK | 25 | 12 | 23.22 | 23.22 | 23.18 | 24.5 | 1 | |
| 10 | QPSK | 25 | 25 | 23.19 | 23.23 | 23.15 | | | |
| 10 | QPSK | 50 | 0 | 23.24 | 23.25 | 23.17 | | | |
| 10 | 16QAM | 1 | 0 | 23.99 | 23.02 | 23.34 | | | |
| 10 | 16QAM | 1 | 25 | 23.83 | 23.29 | 23.40 | 24.5 | 1 | |
| 10 | 16QAM | 1 | 49 | 23.82 | 23.82 | 23.87 | | | |
| 10 | 16QAM | 25 | 0 | 22.30 | 22.10 | 22.11 | | | |
| 10 | 16QAM | 25 | 12 | 22.43 | 22.28 | 22.61 | 23.5 | 2 | |
| 10 | 16QAM | 25 | 25 | 22.23 | 22.25 | 22.19 | | | |
| 10 | 16QAM | 50 | 0 | 22.26 | 22.24 | 22.27 | | | |
| 10 | 8QAM | 1 | 0 | 22.48 | 22.48 | 22.52 | | | |
| 10 | 8QAM | 1 | 25 | 22.24 | 22.25 | 22.87 | 23.5 | 2 | |
| 10 | 8QAM | 1 | 49 | 22.48 | 22.27 | 22.45 | | | |
| 10 | 8QAM | 25 | 0 | 21.15 | 21.16 | 21.11 | | | |
| 10 | 8QAM | 25 | 12 | 21.27 | 21.23 | 21.12 | 22.5 | 3 | |
| 10 | 8QAM | 25 | 25 | 21.19 | 21.22 | 21.23 | | | |
| 10 | 8QAM | 50 | 0 | 21.22 | 21.23 | 21.27 | | | |
| Channel | | | | | | | | | |
| | | | | 23785 | 23790 | 23805 | | | |
| Frequency (MHz) | | | | | | | | | |
| | | | | 706.5 | 710 | 713.5 | | | |
| 5 | QPSK | 1 | 0 | 23.94 | 24.10 | 23.80 | 25.5 | 0 | |
| 5 | QPSK | 1 | 12 | 23.97 | 23.87 | 23.89 | | | |
| 5 | QPSK | 1 | 24 | 24.57 | 24.08 | 24.10 | | | |
| 5 | QPSK | 12 | 0 | 22.87 | 23.88 | 22.87 | | | |
| 5 | QPSK | 12 | 7 | 23.88 | 23.11 | 23.87 | 24.5 | 1 | |
| 5 | QPSK | 12 | 13 | 23.89 | 23.10 | 23.84 | | | |
| 5 | QPSK | 25 | 0 | 23.18 | 23.88 | 23.10 | | | |
| 5 | 16QAM | 1 | 0 | 23.83 | 22.86 | 23.28 | | | |
| 5 | 16QAM | 1 | 12 | 23.73 | 23.20 | 23.28 | 24.5 | 1 | |
| 5 | 16QAM | 1 | 24 | 23.98 | 23.74 | 23.88 | | | |
| 5 | 16QAM | 12 | 0 | 22.15 | 22.81 | 22.86 | | | |
| 5 | 16QAM | 12 | 7 | 22.34 | 22.12 | 22.82 | 23.5 | 2 | |
| 5 | 16QAM | 12 | 13 | 22.18 | 22.16 | 22.10 | | | |
| 5 | 16QAM | 25 | 0 | 22.15 | 22.14 | 22.11 | | | |
| 5 | 8QAM | 1 | 0 | 22.37 | 22.30 | 22.40 | | | |
| 5 | 8QAM | 1 | 12 | 22.11 | 22.10 | 22.11 | 23.5 | 2 | |
| 5 | 8QAM | 1 | 24 | 22.30 | 22.14 | 22.21 | | | |
| 5 | 8QAM | 12 | 0 | 21.10 | 21.12 | 21.09 | | | |
| 5 | 8QAM | 12 | 7 | 21.17 | 21.08 | 20.28 | 22.5 | 3 | |
| 5 | 8QAM | 12 | 13 | 21.10 | 21.15 | 21.14 | | | |
| 5 | 8QAM | 25 | 0 | 21.11 | 21.10 | 21.21 | | | |



Reduced Power for DSI 5

| Band 2_Ant 2 | | | | | | | | | |
|-----------------|------------|----------|------------|--------------------------|--------------------------|--------------------------|--------------------|----------|--|
| RF [MHz] | Modulation | PRB Size | PRB Offset | Power Level Ch. 1 [Frac] | Power Level Ch. 2 [Frac] | Power Level Ch. 3 [Frac] | Turn-up time (min) | MPE (dB) | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 20 | QPSK | 1 | 0 | 23.31 | 23.37 | 23.30 | | | |
| 20 | QPSK | 1 | 40 | 23.29 | 23.35 | 23.30 | 24 | 0 | |
| 20 | QPSK | 1 | 80 | 23.27 | 23.33 | 23.30 | | | |
| 20 | QPSK | 50 | 0 | 22.80 | 22.86 | 22.86 | | | |
| 20 | QPSK | 50 | 40 | 22.82 | 22.88 | 22.87 | | | |
| 20 | QPSK | 50 | 80 | 22.80 | 22.86 | 22.86 | | | |
| 20 | QPSK | 100 | 0 | 22.64 | 22.67 | 22.79 | | | |
| 20 | QPSK | 100 | 40 | 22.64 | 22.67 | 22.87 | | | |
| 20 | QPSK | 100 | 80 | 22.64 | 22.67 | 22.79 | | | |
| 20 | SCDMA | 1 | 40 | 21.28 | 21.36 | 21.23 | 23.5 | 0.5 | |
| 20 | SCDMA | 1 | 80 | 21.28 | 21.36 | 21.23 | | | |
| 20 | SCDMA | 1 | 96 | 21.28 | 21.36 | 21.23 | 23.5 | 0.5 | |
| 20 | SCDMA | 50 | 0 | 21.81 | 21.88 | 21.86 | | | |
| 20 | SCDMA | 50 | 24 | 21.80 | 21.85 | 21.85 | | | |
| 20 | SCDMA | 50 | 48 | 21.80 | 21.85 | 21.85 | | | |
| 20 | SCDMA | 100 | 0 | 21.63 | 21.66 | 21.61 | 23.5 | 1.5 | |
| 20 | SCDMA | 100 | 50 | 21.63 | 21.66 | 21.61 | | | |
| 20 | SCDMA | 1 | 0 | 21.80 | 21.88 | 21.87 | | | |
| 20 | SCDMA | 1 | 40 | 21.78 | 21.86 | 21.74 | 23.5 | 1.5 | |
| 20 | SCDMA | 1 | 80 | 21.78 | 21.86 | 21.74 | | | |
| 20 | SCDMA | 50 | 0 | 20.83 | 20.83 | 20.87 | 23.5 | 2.5 | |
| 20 | SCDMA | 50 | 50 | 20.81 | 20.83 | 20.86 | | | |
| 20 | SCDMA | 100 | 0 | 20.84 | 20.87 | 20.84 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 15 | QPSK | 1 | 0 | 23.28 | 23.34 | 23.28 | | | |
| 15 | QPSK | 1 | 37 | 23.25 | 23.31 | 23.31 | 24 | 0 | |
| 15 | QPSK | 1 | 74 | 23.20 | 23.23 | 23.28 | | | |
| 15 | QPSK | 36 | 0 | 22.74 | 22.83 | 22.78 | | | |
| 15 | QPSK | 36 | 36 | 22.77 | 22.78 | 22.77 | | | |
| 15 | QPSK | 36 | 72 | 22.74 | 22.83 | 22.85 | 23.5 | 0.5 | |
| 15 | QPSK | 72 | 0 | 22.71 | 22.82 | 22.76 | | | |
| 15 | QPSK | 72 | 36 | 22.74 | 22.81 | 22.83 | | | |
| 15 | SCDMA | 1 | 37 | 21.20 | 21.19 | 21.17 | 23.5 | 0.5 | |
| 15 | SCDMA | 1 | 74 | 21.18 | 21.18 | 21.17 | | | |
| 15 | SCDMA | 1 | 111 | 21.17 | 21.19 | 21.19 | | | |
| 15 | SCDMA | 50 | 0 | 21.77 | 21.84 | 21.72 | 23.5 | 1.5 | |
| 15 | SCDMA | 50 | 36 | 21.76 | 21.81 | 21.76 | | | |
| 15 | SCDMA | 50 | 72 | 21.82 | 21.78 | 21.68 | | | |
| 15 | SCDMA | 1 | 0 | 21.87 | 21.85 | 21.89 | 23.5 | 1.5 | |
| 15 | SCDMA | 1 | 37 | 21.86 | 21.83 | 21.84 | | | |
| 15 | SCDMA | 1 | 74 | 21.80 | 21.82 | 21.86 | | | |
| 15 | SCDMA | 50 | 0 | 20.78 | 20.76 | 20.77 | 23.5 | 2.5 | |
| 15 | SCDMA | 50 | 36 | 20.75 | 20.84 | 20.79 | | | |
| 15 | SCDMA | 100 | 0 | 20.78 | 20.88 | 20.80 | | | |
| 15 | SCDMA | 100 | 0 | 20.77 | 20.86 | 20.78 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 10 | QPSK | 1 | 0 | 23.28 | 23.34 | 23.28 | | | |
| 10 | QPSK | 1 | 25 | 23.25 | 23.31 | 23.24 | 24 | 0 | |
| 10 | QPSK | 1 | 49 | 23.13 | 23.20 | 23.21 | | | |
| 10 | QPSK | 36 | 0 | 22.74 | 22.83 | 22.78 | | | |
| 10 | QPSK | 36 | 36 | 22.74 | 22.83 | 22.78 | | | |
| 10 | QPSK | 36 | 72 | 22.74 | 22.83 | 22.83 | 23.5 | 0.5 | |
| 10 | QPSK | 72 | 0 | 22.68 | 22.81 | 22.76 | | | |
| 10 | QPSK | 72 | 36 | 22.67 | 22.84 | 22.86 | | | |
| 10 | SCDMA | 1 | 0 | 21.82 | 21.84 | 21.86 | 23.5 | 0.5 | |
| 10 | SCDMA | 1 | 25 | 21.25 | 21.25 | 21.19 | | | |
| 10 | SCDMA | 1 | 49 | 21.17 | 21.81 | 21.76 | | | |
| 10 | SCDMA | 50 | 0 | 21.78 | 21.86 | 21.77 | 23.5 | 1.5 | |
| 10 | SCDMA | 50 | 36 | 21.81 | 21.88 | 21.78 | | | |
| 10 | SCDMA | 100 | 0 | 21.80 | 21.78 | 21.76 | | | |
| 10 | SCDMA | 1 | 0 | 21.78 | 21.86 | 21.86 | 23.5 | 1.5 | |
| 10 | SCDMA | 1 | 25 | 21.78 | 21.85 | 21.72 | | | |
| 10 | SCDMA | 1 | 49 | 21.78 | 21.87 | 21.83 | | | |
| 10 | SCDMA | 50 | 0 | 20.86 | 20.78 | 20.78 | 23.5 | 2.5 | |
| 10 | SCDMA | 50 | 36 | 20.78 | 20.88 | 20.78 | | | |
| 10 | SCDMA | 100 | 0 | 20.75 | 20.87 | 20.73 | | | |
| 10 | SCDMA | 100 | 0 | 20.74 | 20.86 | 20.73 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 5 | QPSK | 1 | 0 | 23.23 | 23.30 | 23.23 | | | |
| 5 | QPSK | 1 | 12 | 23.20 | 23.26 | 23.22 | 24 | 0 | |
| 5 | QPSK | 1 | 24 | 23.17 | 23.25 | 23.22 | | | |
| 5 | QPSK | 12 | 0 | 22.72 | 22.85 | 22.81 | | | |
| 5 | QPSK | 12 | 12 | 22.74 | 22.88 | 22.74 | | | |
| 5 | QPSK | 12 | 24 | 22.74 | 22.88 | 22.82 | 23.5 | 0.5 | |
| 5 | QPSK | 24 | 0 | 22.77 | 22.84 | 22.78 | | | |
| 5 | SCDMA | 1 | 0 | 21.84 | 21.84 | 21.86 | 23.5 | 0.5 | |
| 5 | SCDMA | 1 | 12 | 22.74 | 23.11 | 22.81 | | | |
| 5 | SCDMA | 1 | 24 | 22.74 | 23.11 | 22.81 | | | |
| 5 | SCDMA | 12 | 0 | 21.78 | 21.83 | 21.78 | 23.5 | 1.5 | |
| 5 | SCDMA | 12 | 12 | 21.80 | 21.87 | 21.78 | | | |
| 5 | SCDMA | 12 | 24 | 21.80 | 21.78 | 21.74 | | | |
| 5 | SCDMA | 50 | 0 | 21.80 | 21.78 | 21.74 | 23.5 | 1.5 | |
| 5 | SCDMA | 50 | 12 | 21.88 | 21.88 | 21.82 | | | |
| 5 | SCDMA | 1 | 0 | 21.85 | 22.01 | 21.91 | | | |
| 5 | SCDMA | 12 | 0 | 20.75 | 20.84 | 20.81 | 23.5 | 2.5 | |
| 5 | SCDMA | 12 | 12 | 20.80 | 20.80 | 20.76 | | | |
| 5 | SCDMA | 12 | 24 | 20.80 | 20.80 | 20.76 | | | |
| 5 | SCDMA | 12 | 12 | 20.80 | 20.86 | 20.78 | | | |
| 5 | SCDMA | 24 | 0 | 20.75 | 20.75 | 20.74 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 3 | QPSK | 1 | 0 | 23.27 | 23.34 | 23.28 | | | |
| 3 | QPSK | 1 | 8 | 23.27 | 23.29 | 23.28 | 24 | 0 | |
| 3 | QPSK | 1 | 16 | 23.11 | 23.25 | 23.20 | | | |
| 3 | QPSK | 8 | 0 | 22.75 | 22.86 | 22.80 | | | |
| 3 | QPSK | 8 | 4 | 22.78 | 22.86 | 22.78 | 23.5 | 0.5 | |
| 3 | QPSK | 8 | 7 | 22.76 | 22.86 | 22.84 | | | |
| 3 | QPSK | 16 | 0 | 22.74 | 22.77 | 22.75 | | | |
| 3 | SCDMA | 1 | 0 | 21.12 | 22.01 | 21.00 | 23.5 | 0.5 | |
| 3 | SCDMA | 1 | 8 | 22.10 | 22.24 | 22.13 | | | |
| 3 | SCDMA | 1 | 16 | 22.18 | 22.07 | 22.07 | | | |
| 3 | SCDMA | 8 | 0 | 21.68 | 21.87 | 21.77 | 23.5 | 1.5 | |
| 3 | SCDMA | 8 | 4 | 21.81 | 21.88 | 21.78 | | | |
| 3 | SCDMA | 8 | 7 | 21.80 | 21.81 | 21.87 | | | |
| 3 | SCDMA | 16 | 0 | 21.88 | 21.85 | 21.71 | | | |
| 3 | SCDMA | 1 | 0 | 21.88 | 21.82 | 21.80 | 23.5 | 1.5 | |
| 3 | SCDMA | 1 | 8 | 21.82 | 21.86 | 22.03 | | | |
| 3 | SCDMA | 1 | 16 | 21.88 | 21.88 | 21.81 | | | |
| 3 | SCDMA | 8 | 0 | 20.75 | 20.75 | 20.75 | 23.5 | 2.5 | |
| 3 | SCDMA | 8 | 4 | 20.78 | 20.83 | 20.87 | | | |
| 3 | SCDMA | 8 | 7 | 20.76 | 20.86 | 20.75 | | | |
| 3 | SCDMA | 16 | 0 | 20.81 | 20.83 | 20.75 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 1.4 | QPSK | 1 | 0 | 23.21 | 23.30 | 23.24 | | | |
| 1.4 | QPSK | 1 | 3 | 23.07 | 23.09 | 23.01 | 24 | 0 | |
| 1.4 | QPSK | 1 | 6 | 23.11 | 23.31 | 23.28 | | | |
| 1.4 | QPSK | 3 | 0 | 22.62 | 22.67 | 22.78 | | | |
| 1.4 | QPSK | 3 | 3 | 22.71 | 22.74 | 22.68 | | | |
| 1.4 | QPSK | 6 | 0 | 22.81 | 22.73 | 22.66 | 23.5 | 0.5 | |
| 1.4 | SCDMA | 1 | 0 | 22.28 | 22.53 | 22.53 | | | |
| 1.4 | SCDMA | 1 | 3 | 22.51 | 22.34 | 22.38 | | | |
| 1.4 | SCDMA | 1 | 6 | 22.50 | 22.43 | 22.45 | 23.5 | 0.5 | |
| 1.4 | SCDMA | 3 | 0 | 22.23 | 22.83 | 22.42 | | | |
| 1.4 | SCDMA | 3 | 3 | 22.23 | 22.83 | 22.42 | | | |
| 1.4 | SCDMA | 6 | 0 | 21.82 | 21.73 | 21.73 | 23.8 | 1.5 | |
| 1.4 | SCDMA | 1 | 0 | 21.84 | 21.81 | 21.83 | | | |
| 1.4 | SCDMA | 1 | 3 | 21.85 | 21.82 | 21.85 | | | |
| 1.4 | SCDMA | 1 | 6 | 21.82 | 21.81 | 21.82 | 23.5 | 1.5 | |
| 1.4 | SCDMA | 3 | 0 | 21.46 | 21.84 | 21.85 | | | |
| 1.4 | SCDMA | 3 | 3 | 21.67 | 21.80 | 21.83 | | | |
| 1.4 | SCDMA | 3 | 6 | 21.70 | 21.83 | 21.80 | | | |
| 1.4 | SCDMA | 6 | 0 | 20.83 | 20.81 | 20.84 | 23.5 | 2.5 | |

| Band 2_Ant 3 | | | | | | | | | |
|-----------------|------------|----------|------------|--------------------------|--------------------------|--------------------------|--------------------|----------|--|
| RF [MHz] | Modulation | PRB Size | PRB Offset | Power Level Ch. 1 [Frac] | Power Level Ch. 2 [Frac] | Power Level Ch. 3 [Frac] | Turn-up time (min) | MPE (dB) | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 20 | QPSK | 1 | 0 | 18.83 | 18.11 | 18.90 | | | |
| 20 | QPSK | 1 | 40 | 18.86 | 18.02 | 18.92 | 20 | 0 | |
| 20 | QPSK | 1 | 80 | 18.77 | 18.02 | 18.92 | | | |
| 20 | QPSK | 50 | 0 | 18.80 | 18.06 | 18.98 | | | |
| 20 | QPSK | 50 | 40 | 18.82 | 18.06 | 18.92 | | | |
| 20 | QPSK | 50 | 80 | 18.82 | 18.05 | 18.92 | | | |



| Band 4_Ant 2 | | | | | | | | | | |
|-----------------|------------|---------|-----------|-------------------|-------------------|-------------------|---------------|----------|--|--|
| SR (MHz) | Modulation | RB Size | RB Offset | Power Ch. / Freq. | Power Ch. / Freq. | Power Ch. / Freq. | Time-up (min) | MFR (dB) | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 20 | QPSK | 1 | 0 | 22.06 | 22.06 | 22.06 | | | | |
| 20 | QPSK | 1 | 49 | 22.04 | 22.05 | 22.05 | | | | |
| 20 | QPSK | 1 | 98 | 22.02 | 22.03 | 22.03 | | | | |
| 20 | QPSK | 50 | 0 | 22.02 | 22.02 | 22.02 | | | | |
| 20 | QPSK | 50 | 50 | 22.02 | 22.02 | 22.02 | | | | |
| 20 | QPSK | 50 | 100 | 22.02 | 22.02 | 22.02 | | | | |
| 20 | QPSK | 50 | 150 | 22.02 | 22.02 | 22.02 | | | | |
| 20 | QPSK | 50 | 200 | 22.02 | 22.02 | 22.02 | | | | |
| 20 | QPSK | 50 | 250 | 22.02 | 22.02 | 22.02 | | | | |
| 20 | QPSK | 50 | 300 | 22.02 | 22.02 | 22.02 | | | | |
| 20 | QPSK | 50 | 350 | 22.02 | 22.02 | 22.02 | | | | |
| 20 | QPSK | 50 | 400 | 22.02 | 22.02 | 22.02 | | | | |
| 20 | QPSK | 50 | 450 | 22.02 | 22.02 | 22.02 | | | | |
| 20 | QPSK | 50 | 500 | 22.02 | 22.02 | 22.02 | | | | |
| 20 | QPSK | 50 | 550 | 22.02 | 22.02 | 22.02 | | | | |
| 20 | QPSK | 50 | 600 | 22.02 | 22.02 | 22.02 | | | | |
| 20 | QPSK | 50 | 650 | 22.02 | 22.02 | 22.02 | | | | |
| 20 | QPSK | 50 | 700 | 22.02 | 22.02 | 22.02 | | | | |
| 20 | QPSK | 50 | 750 | 22.02 | 22.02 | 22.02 | | | | |
| 20 | QPSK | 50 | 800 | 22.02 | 22.02 | 22.02 | | | | |
| 20 | QPSK | 50 | 850 | 22.02 | 22.02 | 22.02 | | | | |
| 20 | QPSK | 50 | 900 | 22.02 | 22.02 | 22.02 | | | | |
| 20 | QPSK | 50 | 950 | 22.02 | 22.02 | 22.02 | | | | |
| 20 | QPSK | 50 | 1000 | 22.02 | 22.02 | 22.02 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 15 | QPSK | 1 | 0 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 1 | 74 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 0 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 36 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 72 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 108 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 144 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 180 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 216 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 252 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 288 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 324 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 360 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 396 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 432 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 468 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 504 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 540 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 576 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 612 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 648 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 684 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 720 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 756 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 792 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 828 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 864 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 900 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 936 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 972 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 1008 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 1044 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 1080 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 1116 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 1152 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 1188 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 1224 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 1260 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 1296 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 1332 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 1368 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 1404 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 1440 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 1476 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 1512 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 1548 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 1584 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 1620 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 1656 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 1692 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 1728 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 1764 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 1800 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 1836 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 1872 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 1908 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 1944 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 1980 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 2016 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 2052 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 2088 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 2124 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 2160 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 2196 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 2232 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 2268 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 2304 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 2340 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 2376 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 2412 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 2448 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 2484 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 2520 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 2556 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 2592 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 2628 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 2664 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 2700 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 2736 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 2772 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 2808 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 2844 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 2880 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 2916 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 2952 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 2988 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 3024 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 3060 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 3096 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 3132 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 3168 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 3204 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 3240 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 3276 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 3312 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 3348 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 3384 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 3420 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 3456 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 3492 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 3528 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 3564 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 3600 | 21.86 | 21.86 | 21.86 | | | | |
| 15 | QPSK | 36 | 3636 | 21.86 | 21.86 | 21.86 | | | | |



| Band 7_Ant 2 | | | | | | | | | | |
|-----------------|------------|---------|-----------|---------------------------|----------------------------|----------------------------|----------------------------|---------------------|-------------|--|
| RF Bant | Modulation | RB Size | RB Offset | Power Low Ch. Freq. | Power High Ch. Freq. | Power High Ch. Freq. | Power High Ch. Freq. | Turn-up lim (dB) | MFR (dB) | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 20 | QPSK | 1 | 0 | 21.09 | 21.73 | 21.54 | | | | |
| 20 | QPSK | 1 | 48 | 21.61 | 21.82 | 21.57 | | 22.5 | 0 | |
| 20 | QPSK | 1 | 96 | 21.57 | 21.82 | 21.57 | | | | |
| 20 | QPSK | 50 | 0 | 21.6 | 21.73 | 21.51 | | | | |
| 20 | QPSK | 50 | 24 | 21.58 | 21.82 | 21.54 | | | | |
| 20 | QPSK | 50 | 50 | 21.54 | 21.58 | 21.55 | | | | |
| 20 | QPSK | 100 | 0 | 21.55 | 21.68 | 21.54 | | | | |
| 20 | HQAM | 1 | 0 | 21.61 | 21.68 | 21.67 | | | | |
| 20 | HQAM | 1 | 48 | 21.6 | 21.64 | 21.55 | | 22.5 | 0 | |
| 20 | HQAM | 1 | 96 | 21.58 | 21.67 | 21.52 | | | | |
| 20 | HQAM | 50 | 24 | 21.57 | 21.67 | 21.56 | | | | |
| 20 | HQAM | 50 | 50 | 21.55 | 21.65 | 21.52 | | | | |
| 20 | HQAM | 100 | 0 | 21.55 | 21.65 | 21.53 | | | | |
| 20 | EQAM | 1 | 0 | 21.59 | 21.67 | 21.58 | | | | |
| 20 | EQAM | 1 | 48 | 21.6 | 21.62 | 21.51 | | 22.5 | 0 | |
| 20 | EQAM | 1 | 96 | 21.57 | 21.62 | 21.57 | | | | |
| 20 | EQAM | 50 | 24 | 21.58 | 21.63 | 21.52 | | | | |
| 20 | EQAM | 50 | 50 | 21.54 | 21.66 | 21.51 | | | | |
| 20 | EQAM | 100 | 0 | 21.54 | 21.66 | 21.51 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 15 | QPSK | 1 | 0 | 21.51 | 21.75 | 21.52 | | | | |
| 15 | QPSK | 1 | 36 | 21.57 | 21.53 | 21.52 | | 22.5 | 0 | |
| 15 | QPSK | 1 | 74 | 21.5 | 21.5 | 21.48 | | | | |
| 15 | QPSK | 36 | 0 | 21.47 | 21.64 | 21.47 | | | | |
| 15 | QPSK | 36 | 36 | 21.52 | 21.57 | 21.47 | | | | |
| 15 | QPSK | 36 | 74 | 21.42 | 21.6 | 21.52 | | 22.5 | 0 | |
| 15 | QPSK | 74 | 0 | 21.45 | 21.55 | 21.48 | | | | |
| 15 | HQAM | 1 | 0 | 21.51 | 21.56 | 21.51 | | | | |
| 15 | HQAM | 1 | 36 | 21.53 | 21.52 | 21.48 | | 22.5 | 0 | |
| 15 | HQAM | 1 | 74 | 21.54 | 21.56 | 21.48 | | | | |
| 15 | HQAM | 36 | 0 | 21.54 | 21.55 | 21.47 | | | | |
| 15 | HQAM | 36 | 36 | 21.44 | 21.61 | 21.49 | | 22.5 | 0 | |
| 15 | HQAM | 36 | 74 | 21.5 | 21.61 | 21.5 | | | | |
| 15 | EQAM | 1 | 0 | 21.55 | 21.62 | 21.53 | | | | |
| 15 | EQAM | 1 | 36 | 21.57 | 21.55 | 21.48 | | 22.5 | 0 | |
| 15 | EQAM | 1 | 74 | 21.49 | 21.53 | 21.53 | | | | |
| 15 | EQAM | 36 | 0 | 21.42 | 21.57 | 21.48 | | | | |
| 15 | EQAM | 36 | 36 | 21.44 | 21.67 | 21.45 | | 22.5 | 0 | |
| 15 | EQAM | 36 | 74 | 21.51 | 21.61 | 21.48 | | | | |
| 15 | EQAM | 74 | 0 | 21.44 | 21.53 | 21.45 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 10 | QPSK | 1 | 0 | 21.51 | 21.75 | 21.48 | | | | |
| 10 | QPSK | 1 | 36 | 21.51 | 21.5 | 21.52 | | 22.5 | 0 | |
| 10 | QPSK | 1 | 48 | 21.49 | 21.54 | 21.39 | | | | |
| 10 | QPSK | 25 | 0 | 21.58 | 21.66 | 21.47 | | | | |
| 10 | QPSK | 25 | 12 | 21.55 | 21.59 | 21.43 | | | | |
| 10 | QPSK | 25 | 25 | 21.52 | 21.53 | 21.52 | | 22.5 | 0 | |
| 10 | QPSK | 50 | 0 | 21.42 | 21.64 | 21.48 | | | | |
| 10 | QPSK | 50 | 0 | 21.5 | 21.57 | 21.5 | | | | |
| 10 | HQAM | 1 | 25 | 21.47 | 21.52 | 21.5 | | 22.5 | 0 | |
| 10 | HQAM | 1 | 48 | 21.44 | 21.61 | 21.47 | | | | |
| 10 | HQAM | 25 | 0 | 21.52 | 21.56 | 21.4 | | | | |
| 10 | HQAM | 25 | 12 | 21.53 | 21.52 | 21.42 | | 22.5 | 0 | |
| 10 | HQAM | 25 | 25 | 21.55 | 21.57 | 21.52 | | | | |
| 10 | EQAM | 1 | 0 | 21.58 | 21.67 | 21.48 | | | | |
| 10 | EQAM | 1 | 25 | 21.47 | 21.55 | 21.48 | | 22.5 | 0 | |
| 10 | EQAM | 1 | 48 | 21.59 | 21.53 | 21.51 | | | | |
| 10 | EQAM | 25 | 0 | 21.55 | 21.61 | 21.45 | | | | |
| 10 | EQAM | 25 | 12 | 21.5 | 21.63 | 21.44 | | 22.5 | 0 | |
| 10 | EQAM | 25 | 25 | 21.52 | 21.62 | 21.49 | | | | |
| 10 | EQAM | 50 | 0 | 21.44 | 21.67 | 21.4 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 5 | QPSK | 1 | 0 | 21.53 | 21.75 | 21.46 | | | | |
| 5 | QPSK | 1 | 12 | 21.54 | 21.56 | 21.46 | | 22.5 | 0 | |
| 5 | QPSK | 1 | 24 | 21.53 | 21.59 | 21.39 | | | | |
| 5 | QPSK | 12 | 0 | 21.56 | 21.62 | 21.43 | | | | |
| 5 | QPSK | 12 | 7 | 21.55 | 21.61 | 21.52 | | 22.5 | 0 | |
| 5 | QPSK | 12 | 13 | 21.49 | 21.56 | 21.52 | | | | |
| 5 | QPSK | 25 | 0 | 21.42 | 21.58 | 21.48 | | | | |
| 5 | HQAM | 1 | 0 | 21.51 | 21.62 | 21.46 | | | | |
| 5 | HQAM | 1 | 12 | 21.54 | 21.57 | 21.48 | | 22.5 | 0 | |
| 5 | HQAM | 1 | 24 | 21.5 | 21.59 | 21.47 | | | | |
| 5 | HQAM | 12 | 0 | 21.46 | 21.58 | 21.5 | | | | |
| 5 | HQAM | 12 | 7 | 21.48 | 21.56 | 21.41 | | 22.5 | 0 | |
| 5 | HQAM | 12 | 13 | 21.46 | 21.52 | 21.35 | | | | |
| 5 | HQAM | 25 | 0 | 21.36 | 21.58 | 21.45 | | | | |
| 5 | EQAM | 1 | 0 | 21.58 | 21.63 | 21.53 | | | | |
| 5 | EQAM | 1 | 12 | 21.55 | 21.5 | 21.38 | | 22.5 | 0 | |
| 5 | EQAM | 1 | 24 | 21.53 | 21.58 | 21.48 | | | | |
| 5 | EQAM | 12 | 0 | 21.46 | 21.58 | 21.42 | | | | |
| 5 | EQAM | 12 | 7 | 21.42 | 21.54 | 21.4 | | 22.5 | 0 | |
| 5 | EQAM | 12 | 13 | 21.47 | 21.5 | 21.48 | | | | |
| 5 | EQAM | 25 | 0 | 21.46 | 21.54 | 21.43 | | | | |

| Band 7_Ant 3 | | | | | | | | | | |
|-----------------|------------|---------|-----------|---------------------------|----------------------------|----------------------------|----------------------------|---------------------|-------------|--|
| RF Bant | Modulation | RB Size | RB Offset | Power Low Ch. Freq. | Power High Ch. Freq. | Power High Ch. Freq. | Power High Ch. Freq. | Turn-up lim (dB) | MFR (dB) | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 20 | QPSK | 1 | 0 | 20.21 | 20.27 | 20.21 | | | | |
| 20 | QPSK | 1 | 48 | 20.33 | 20.17 | 20.24 | | 21.2 | 0 | |
| 20 | QPSK | 1 | 96 | 20.35 | 20.15 | 20.24 | | | | |
| 20 | QPSK | 50 | 0 | 19.87 | 20.20 | 19.90 | | | | |
| 20 | QPSK | 50 | 24 | 19.77 | 19.98 | 19.88 | | 21.2 | 0 | |
| 20 | QPSK | 50 | 50 | 19.77 | 19.93 | 19.85 | | | | |
| 20 | QPSK | 100 | 0 | 20.00 | 20.20 | 19.95 | | | | |
| 20 | HQAM | 1 | 0 | 20.22 | 20.22 | 20.22 | | | | |
| 20 | HQAM | 1 | 48 | 20.36 | 20.12 | 19.88 | | 21.2 | 0 | |
| 20 | HQAM | 1 | 96 | 19.99 | 20.15 | 20.07 | | | | |
| 20 | HQAM | 50 | 0 | 19.82 | 20.09 | 19.84 | | | | |
| 20 | HQAM | 50 | 24 | 19.87 | 19.87 | 19.81 | | 21.2 | 0 | |
| 20 | HQAM | 50 | 50 | 19.74 | 19.88 | 19.78 | | | | |
| 20 | HQAM | 100 | 0 | 19.82 | 19.88 | 19.83 | | | | |
| 20 | EQAM | 1 | 0 | 20.08 | 20.22 | 20.08 | | | | |
| 20 | EQAM | 1 | 48 | 20.16 | 20.20 | 20.21 | | 21.2 | 0 | |
| 20 | EQAM | 1 | 96 | 20.08 | 20.18 | 20.15 | | | | |
| 20 | EQAM | 50 | 0 | 19.88 | 20.06 | 19.89 | | | | |
| 20 | EQAM | 50 | 24 | 19.93 | 20.04 | 19.93 | | 21.2 | 0 | |
| 20 | EQAM | 50 | 50 | 19.84 | 19.95 | 19.79 | | | | |
| 20 | EQAM | 100 | 0 | 19.95 | 20.01 | 19.97 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 15 | QPSK | 1 | 0 | 20.19 | 20.22 | 20.15 | | | | |
| 15 | QPSK | 1 | 36 | 19.84 | 20.05 | 20.03 | | 21.2 | 0 | |
| 15 | QPSK | 1 | 74 | 19.81 | 20.03 | 19.81 | | | | |
| 15 | QPSK | 36 | 0 | 19.82 | 19.96 | 19.82 | | | | |
| 15 | QPSK | 36 | 36 | 19.73 | 19.81 | 19.81 | | 21.2 | 0 | |
| 15 | QPSK | 36 | 74 | 19.74 | 19.81 | 19.77 | | | | |
| 15 | HQAM | 1 | 0 | 19.82 | 19.87 | 19.83 | | | | |
| 15 | HQAM | 1 | 36 | 20.02 | 20.01 | 20.17 | | 21.2 | 0 | |
| 15 | HQAM | 1 | 74 | 19.86 | 19.87 | 19.86 | | | | |
| 15 | HQAM | 36 | 0 | 19.87 | 19.83 | 19.85 | | | | |
| 15 | HQAM | 36 | 36 | 19.87 | 19.87 | 19.85 | | 21.2 | 0 | |
| 15 | HQAM | 36 | 74 | 19.73 | 19.86 | 19.7 | | | | |
| 15 | HQAM | 74 | 0 | 19.72 | 19.86 | 19.76 | | | | |
| 15 | HQAM | 74 | 36 | 20.04 | 20.12 | 19.95 | | 21.2 | 0 | |
| 15 | HQAM | 74 | 74 | 19.87 | 19.79 | 20.11 | | | | |
| 15 | EQAM | 1 | 0 | 20.04 | 20.12 | 19.95 | | | | |
| 15 | EQAM | 1 | 36 | 20.01 | 20.07 | 19.87 | | 21.2 | 0 | |
| 15 | EQAM | 1 | 74 | 20.01 | 20.07 | 19.87 | | | | |
| 15 | EQAM | 36 | 0 | 19.77 | 19.81 | 19.86 | | | | |
| 15 | EQAM | 36 | 36 | 19.86 | 19.82 | 19.87 | | 21.2 | 0 | |
| 15 | EQAM | 36 | 74 | 19.76 | 19.85 | 19.67 | | | | |
| 15 | EQAM | 74 | 0 | 19.88 | 19.82 | 19.82 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 10 | QPSK | 1 | 0 | 20.13 | 20.22 | 20.14 | | | | |
| 10 | QPSK | 1 | 25 | 19.84 | 20.05 | 19.84 | | 21.2 | 0 | |
| 10 | QPSK | | | | | | | | | |



| Band 12_Ant 0 | | | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|------------------------|------------------------|--------------------|----------|------|-----|
| SR (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power High Ch. / Freq. | Power High Ch. / Freq. | Turn-up time (min) | MFR (dB) | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | 2060 | 2060 | 2110 | | | | |
| 10 | QPSK | 1 | 0 | 24.98 | 24.98 | 24.97 | | | | |
| 10 | QPSK | 1 | 20 | 24.98 | 24.98 | 24.98 | | | 24.5 | 0 |
| 10 | QPSK | 1 | 40 | 24.98 | 24.97 | 24.94 | | | | |
| 10 | QPSK | 25 | 0 | 24.94 | 24.97 | 24.94 | | | | |
| 10 | QPSK | 25 | 20 | 24.98 | 24.97 | 24.94 | | | 24.5 | 1 |
| 10 | QPSK | 25 | 40 | 24.98 | 24.97 | 24.94 | | | | |
| 10 | QPSK | 50 | 0 | 24.94 | 24.97 | 24.94 | | | | |
| 10 | QPSK | 50 | 20 | 24.91 | 24.94 | 24.91 | | | | |
| 10 | QPSK | 50 | 40 | 24.12 | 24.15 | 24.18 | | | 24.5 | 1 |
| 10 | QPSK | 1 | 0 | 24.98 | 24.98 | 24.97 | | | | |
| 10 | QPSK | 1 | 20 | 24.98 | 24.98 | 24.98 | | | | |
| 10 | QPSK | 1 | 40 | 24.98 | 24.97 | 24.94 | | | 23.5 | 2 |
| 10 | QPSK | 25 | 0 | 24.98 | 24.98 | 24.97 | | | | |
| 10 | QPSK | 25 | 20 | 24.98 | 24.97 | 24.94 | | | | |
| 10 | QPSK | 25 | 40 | 24.98 | 24.97 | 24.94 | | | | |
| 10 | QPSK | 50 | 0 | 24.94 | 24.97 | 24.94 | | | 23.5 | 2 |
| 10 | QPSK | 50 | 20 | 24.91 | 24.94 | 24.91 | | | | |
| 10 | QPSK | 50 | 40 | 24.12 | 24.15 | 24.18 | | | 22.5 | 3 |
| 10 | QPSK | 50 | 0 | 24.98 | 24.97 | 24.95 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | 701.5 | 701.5 | 713.5 | | | | |
| 5 | QPSK | 1 | 0 | 24.95 | 24.95 | 24.94 | | | 25.5 | 0 |
| 5 | QPSK | 1 | 12 | 24.78 | 24.85 | 24.75 | | | | |
| 5 | QPSK | 1 | 24 | 24.78 | 24.85 | 24.75 | | | | |
| 5 | QPSK | 12 | 0 | 24.75 | 24.85 | 24.71 | | | | |
| 5 | QPSK | 12 | 12 | 24.98 | 24.97 | 24.94 | | | 24.5 | 1 |
| 5 | QPSK | 12 | 13 | 24.94 | 24.95 | 24.78 | | | | |
| 5 | QPSK | 25 | 0 | 24.98 | 24.98 | 24.98 | | | | |
| 5 | QPSK | 25 | 12 | 24.91 | 24.91 | 24.91 | | | | |
| 5 | QPSK | 25 | 13 | 24.98 | 24.97 | 24.94 | | | 24.5 | 1 |
| 5 | QPSK | 50 | 0 | 24.98 | 24.98 | 24.98 | | | | |
| 5 | QPSK | 50 | 12 | 24.91 | 24.91 | 24.91 | | | | |
| 5 | QPSK | 50 | 13 | 24.98 | 24.97 | 24.94 | | | 24.5 | 1 |
| 5 | QPSK | 1 | 0 | 24.98 | 24.98 | 24.98 | | | 23.5 | 2 |
| 5 | QPSK | 1 | 12 | 24.91 | 24.91 | 24.91 | | | | |
| 5 | QPSK | 1 | 24 | 24.98 | 24.97 | 24.94 | | | | |
| 5 | QPSK | 12 | 0 | 24.98 | 24.98 | 24.98 | | | 22.5 | 3 |
| 5 | QPSK | 12 | 12 | 24.91 | 24.91 | 24.91 | | | | |
| 5 | QPSK | 12 | 13 | 24.98 | 24.97 | 24.94 | | | | |
| 5 | QPSK | 25 | 0 | 24.98 | 24.97 | 24.94 | | | 22.5 | 3 |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | 701.5 | 701.5 | 714.5 | | | | |
| 3 | QPSK | 1 | 0 | 23.27 | 23.25 | 23.25 | | | 25 | 0 |
| 3 | QPSK | 1 | 12 | 23.24 | 23.48 | 23.31 | | | | |
| 3 | QPSK | 1 | 24 | 23.27 | 23.46 | 23.23 | | | | |
| 3 | QPSK | 12 | 0 | 23.72 | 23.82 | 23.66 | | | | |
| 3 | QPSK | 12 | 7 | 23.77 | 23.87 | 23.69 | | | 24.5 | 0.5 |
| 3 | QPSK | 12 | 13 | 23.81 | 23.87 | 23.66 | | | | |
| 3 | QPSK | 25 | 0 | 23.84 | 23.84 | 23.67 | | | | |
| 3 | QPSK | 25 | 12 | 23.87 | 23.88 | 23.67 | | | | |
| 3 | QPSK | 25 | 13 | 23.88 | 23.88 | 23.67 | | | 24.5 | 0.5 |
| 3 | QPSK | 50 | 0 | 23.87 | 23.88 | 23.68 | | | | |
| 3 | QPSK | 50 | 12 | 23.84 | 23.84 | 23.64 | | | 23.5 | 1.5 |
| 3 | QPSK | 50 | 13 | 23.88 | 23.88 | 23.64 | | | | |
| 3 | QPSK | 1 | 0 | 23.87 | 23.88 | 23.64 | | | | |
| 3 | QPSK | 1 | 12 | 23.84 | 23.84 | 23.64 | | | | |
| 3 | QPSK | 1 | 24 | 23.88 | 23.88 | 23.64 | | | | |
| 3 | QPSK | 12 | 0 | 23.88 | 23.88 | 23.63 | | | 22.5 | 2.5 |
| 3 | QPSK | 12 | 7 | 23.88 | 23.88 | 23.63 | | | | |
| 3 | QPSK | 12 | 13 | 23.88 | 23.87 | 23.63 | | | | |
| 3 | QPSK | 25 | 0 | 23.88 | 23.88 | 23.63 | | | 22.5 | 2.5 |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | 701.5 | 701.5 | 714.5 | | | | |
| 3 | QPSK | 1 | 0 | 23.46 | 23.46 | 23.28 | | | 25 | 0 |
| 3 | QPSK | 1 | 12 | 23.29 | 23.42 | 23.22 | | | | |
| 3 | QPSK | 1 | 14 | 23.21 | 23.26 | 23.29 | | | | |
| 3 | QPSK | 8 | 0 | 23.24 | 23.24 | 23.05 | | | 24.5 | 0.5 |
| 3 | QPSK | 8 | 4 | 23.24 | 23.27 | 23.05 | | | | |
| 3 | QPSK | 8 | 7 | 23.49 | 23.49 | 23.29 | | | | |
| 3 | QPSK | 16 | 0 | 23.43 | 23.43 | 23.06 | | | | |
| 3 | QPSK | 16 | 0 | 23.72 | 23.70 | 23.00 | | | 24.5 | 0.5 |
| 3 | QPSK | 16 | 8 | 23.75 | 23.72 | 23.01 | | | | |
| 3 | QPSK | 16 | 16 | 23.78 | 23.78 | 23.01 | | | | |
| 3 | QPSK | 16 | 0 | 24.01 | 24.04 | 23.04 | | | 24.5 | 0.5 |
| 3 | QPSK | 16 | 8 | 24.04 | 24.04 | 23.04 | | | | |
| 3 | QPSK | 16 | 16 | 24.07 | 24.07 | 23.04 | | | | |
| 3 | QPSK | 32 | 0 | 24.01 | 24.01 | 23.04 | | | 23.5 | 1.5 |
| 3 | QPSK | 32 | 8 | 24.04 | 24.04 | 23.04 | | | | |
| 3 | QPSK | 32 | 16 | 24.07 | 24.07 | 23.04 | | | | |
| 3 | QPSK | 32 | 0 | 24.31 | 24.31 | 23.04 | | | 23.5 | 1.5 |
| 3 | QPSK | 32 | 8 | 24.34 | 24.34 | 23.04 | | | | |
| 3 | QPSK | 32 | 16 | 24.37 | 24.37 | 23.04 | | | | |
| 3 | QPSK | 64 | 0 | 24.31 | 24.31 | 23.04 | | | 22.5 | 2.5 |
| 3 | QPSK | 64 | 8 | 24.34 | 24.34 | 23.04 | | | | |
| 3 | QPSK | 64 | 16 | 24.37 | 24.37 | 23.04 | | | | |
| 3 | QPSK | 64 | 0 | 24.67 | 24.67 | 23.04 | | | 22.5 | 2.5 |
| 3 | QPSK | 64 | 8 | 24.70 | 24.70 | 23.04 | | | | |
| 3 | QPSK | 64 | 16 | 24.73 | 24.73 | 23.04 | | | | |
| 3 | QPSK | 128 | 0 | 24.61 | 24.61 | 23.04 | | | 22.5 | 2.5 |
| 3 | QPSK | 128 | 8 | 24.64 | 24.64 | 23.04 | | | | |
| 3 | QPSK | 128 | 16 | 24.67 | 24.67 | 23.04 | | | | |
| 3 | QPSK | 256 | 0 | 24.59 | 24.59 | 23.04 | | | 24.5 | 1 |
| 3 | QPSK | 256 | 8 | 24.62 | 24.62 | 23.04 | | | | |
| 3 | QPSK | 256 | 16 | 24.65 | 24.65 | 23.04 | | | | |
| 3 | QPSK | 256 | 0 | 24.95 | 24.95 | 23.04 | | | 24.5 | 1 |
| 3 | QPSK | 256 | 8 | 24.98 | 24.98 | 23.04 | | | | |
| 3 | QPSK | 256 | 16 | 25.01 | 25.01 | 23.04 | | | | |
| 3 | QPSK | 512 | 0 | 24.91 | 24.91 | 23.04 | | | 24.5 | 1 |
| 3 | QPSK | 512 | 8 | 24.94 | 24.94 | 23.04 | | | | |
| 3 | QPSK | 512 | 16 | 24.97 | 24.97 | 23.04 | | | | |
| 3 | QPSK | 512 | 0 | 25.27 | 25.27 | 23.04 | | | 23.5 | 2 |
| 3 | QPSK | 512 | 8 | 25.30 | 25.30 | 23.04 | | | | |
| 3 | QPSK | 512 | 16 | 25.33 | 25.33 | 23.04 | | | | |
| 3 | QPSK | 1024 | 0 | 25.21 | 25.21 | 23.04 | | | 22.5 | 3 |
| 3 | QPSK | 1024 | 8 | 25.24 | 25.24 | 23.04 | | | | |
| 3 | QPSK | 1024 | 16 | 25.27 | 25.27 | 23.04 | | | | |
| 3 | QPSK | 2048 | 0 | 25.19 | 25.19 | 23.04 | | | 22.5 | 3 |
| 3 | QPSK | 2048 | 8 | 25.22 | 25.22 | 23.04 | | | | |
| 3 | QPSK | 2048 | 16 | 25.25 | 25.25 | 23.04 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | 891.7 | 891.7 | 913.3 | | | | |
| 1.4 | QPSK | 1 | 0 | 24.97 | 24.76 | 24.52 | | | 25.5 | 0 |
| 1.4 | QPSK | 1 | 3 | 24.76 | 24.71 | 24.73 | | | | |
| 1.4 | QPSK | 1 | 6 | 24.73 | 24.71 | 24.69 | | | | |
| 1.4 | QPSK | 3 | 0 | 24.41 | 24.56 | 24.41 | | | | |
| 1.4 | QPSK | 3 | 1 | 24.65 | 24.57 | 24.71 | | | | |
| 1.4 | QPSK | 3 | 3 | 24.59 | 24.66 | 24.65 | | | 24.5 | 1 |
| 1.4 | QPSK | 6 | 0 | 24.72 | 24.83 | 24.82 | | | | |
| 1.4 | QPSK | 6 | 1 | 24.71 | 24.80 | 24.81 | | | | |
| 1.4 | QPSK | 6 | 3 | 24.75 | 24.81 | 24.82 | | | 24.5 | 1 |
| 1.4 | QPSK | 12 | 0 | 24.21 | 24.32 | 24.20 | | | | |
| 1.4 | QPSK | 12 | 3 | 24.26 | 24.39 | 24.26 | | | | |
| 1.4 | QPSK | 12 | 6 | 24.25 | 24.41 | 24.42 | | | | |
| 1.4 | QPSK | 12 | 0 | 24.15 | 24.08 | 24.04 | | | 24.5 | 1 |
| 1.4 | QPSK | 12 | 3 | 24.14 | 24.28 | 24.31 | | | | |
| 1.4 | QPSK | 12 | 6 | 24.25 | 24.27 | 24.25 | | | 23.5 | 2 |
| 1.4 | QPSK | 12 | 9 | 24.26 | 24.28 | 24.28 | | | | |
| 1.4 | QPSK | 12 | 12 | 24.29 | 24.29 | 24.28 | | | | |
| 1.4 | QPSK | 12 | 15 | 24.32 | 24.32 | 24.28 | | | 23.5 | 2 |
| 1.4 | QPSK | 12 | 18 | 24.35 | 24.35 | 24.28 | | | | |
| 1.4 | QPSK | 12 | 21 | 24.38 | 24.38 | 24.28 | | | | |
| 1.4 | QPSK | 12 | 24 | 24.41 | 24.41 | 24.28 | | | | |
| 1.4 | QPSK</ | | | | | | | | | |



| Band 17_Ant 0 | | | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|-----------------------|-----------------------|--------------------|----------|--|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Level Ch./Freq. | Power Level Ch./Freq. | Power Level Ch./Freq. | Time-up Int. (min) | MTR (dB) | | |
| Channel | | | | 2390 | 2396 | 2399 | | | | |
| Frequency (MHz) | | | | 760 | 760 | 711 | | | | |
| 10 | QPSK | 1 | 0 | 24.90 | 24.97 | 24.82 | | | | |
| 10 | QPSK | 1 | 25 | 24.71 | 24.68 | 24.85 | 24.5 | 0 | | |
| 10 | QPSK | 1 | 49 | 24.52 | 24.50 | 24.91 | | | | |
| 10 | QPSK | 25 | 0 | 23.87 | 23.98 | 23.92 | | | | |
| 10 | QPSK | 25 | 12 | 23.91 | 23.87 | 23.96 | | | | |
| 10 | QPSK | 25 | 25 | 23.50 | 23.87 | 23.93 | 24.5 | 1 | | |
| 10 | QPSK | 50 | 0 | 23.51 | 24.05 | 24.03 | | | | |
| 10 | WQAM | 1 | 0 | 24.04 | 24.20 | 24.53 | | | | |
| 10 | WQAM | 1 | 25 | 24.28 | 24.87 | 24.11 | 24.5 | 1 | | |
| 10 | WQAM | 1 | 49 | 24.27 | 24.36 | 24.50 | | | | |
| 10 | WQAM | 25 | 0 | 23.90 | 22.90 | 23.40 | | | | |
| 10 | WQAM | 25 | 12 | 22.97 | 23.10 | 22.86 | 23.5 | 2 | | |
| 10 | WQAM | 25 | 25 | 23.91 | 24.00 | 22.88 | | | | |
| 10 | WQAM | 50 | 0 | 22.93 | 23.91 | 23.92 | | | | |
| 10 | WQAM | 1 | 0 | 23.50 | 23.97 | 22.21 | 23.5 | 2 | | |
| 10 | WQAM | 1 | 25 | 23.24 | 23.16 | 23.64 | | | | |
| 10 | WQAM | 1 | 49 | 23.23 | 22.80 | 23.28 | | | | |
| 10 | WQAM | 25 | 0 | 22.00 | 21.99 | 21.91 | | | | |
| 10 | WQAM | 25 | 12 | 22.00 | 22.08 | 22.00 | 22.5 | 3 | | |
| 10 | WQAM | 25 | 25 | 21.83 | 21.82 | 21.91 | | | | |
| 10 | WQAM | 50 | 0 | 22.01 | 22.02 | 22.00 | | | | |
| Channel | | | | 706.5 | 710 | 713.5 | | | | |
| Frequency (MHz) | | | | 706.5 | 710 | 713.5 | | | | |
| 5 | QPSK | 1 | 0 | 24.82 | 24.91 | 24.71 | | | | |
| 5 | QPSK | 1 | 12 | 24.65 | 24.74 | 24.71 | 25.5 | 0 | | |
| 5 | QPSK | 1 | 24 | 24.52 | 24.80 | 24.64 | | | | |
| 5 | QPSK | 12 | 0 | 23.78 | 23.80 | 23.82 | | | | |
| 5 | QPSK | 12 | 7 | 23.82 | 23.81 | 23.80 | | | | |
| 5 | QPSK | 12 | 13 | 23.78 | 23.76 | 23.81 | 24.5 | 1 | | |
| 5 | QPSK | 25 | 0 | 23.79 | 23.80 | 23.82 | | | | |
| 5 | WQAM | 1 | 0 | 24.81 | 24.90 | 24.90 | 24.5 | 1 | | |
| 5 | WQAM | 1 | 12 | 24.13 | 24.10 | 24.01 | | | | |
| 5 | WQAM | 1 | 24 | 24.21 | 24.31 | 24.40 | | | | |
| 5 | WQAM | 12 | 0 | 23.53 | 22.98 | 23.96 | | | | |
| 5 | WQAM | 12 | 7 | 22.85 | 22.98 | 22.77 | 23.5 | 2 | | |
| 5 | WQAM | 12 | 13 | 22.95 | 22.81 | 22.80 | | | | |
| 5 | WQAM | 25 | 0 | 22.63 | 22.80 | 22.80 | | | | |
| 5 | WQAM | 1 | 0 | 23.43 | 23.02 | 22.63 | 23.5 | 2 | | |
| 5 | WQAM | 1 | 12 | 22.70 | 22.90 | 22.70 | | | | |
| 5 | WQAM | 1 | 24 | 23.13 | 22.47 | 23.14 | | | | |
| 5 | WQAM | 12 | 0 | 21.80 | 21.93 | 21.82 | | | | |
| 5 | WQAM | 12 | 7 | 21.80 | 22.00 | 21.87 | 22.5 | 3 | | |
| 5 | WQAM | 12 | 13 | 21.80 | 21.77 | 21.76 | | | | |
| 5 | WQAM | 25 | 0 | 21.87 | 21.95 | 21.89 | | | | |

| Band 17_Ant 1 | | | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|-----------------------|-----------------------|--------------------|----------|--|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Level Ch./Freq. | Power Level Ch./Freq. | Power Level Ch./Freq. | Time-up Int. (min) | MTR (dB) | | |
| Channel | | | | 2390 | 2396 | 2399 | | | | |
| Frequency (MHz) | | | | 760 | 760 | 711 | | | | |
| 10 | QPSK | 1 | 0 | 23.50 | 23.14 | 23.43 | | | | |
| 10 | QPSK | 1 | 25 | 23.12 | 23.11 | 23.12 | 25 | 0 | | |
| 10 | QPSK | 1 | 49 | 23.00 | 23.11 | 23.11 | | | | |
| 10 | QPSK | 25 | 0 | 23.14 | 23.27 | 23.14 | | | | |
| 10 | QPSK | 25 | 12 | 23.00 | 23.10 | 23.01 | 24.5 | 0.5 | | |
| 10 | QPSK | 25 | 25 | 23.20 | 23.30 | 23.13 | | | | |
| 10 | WQAM | 1 | 0 | 23.00 | 23.01 | 23.00 | | | | |
| 10 | WQAM | 1 | 25 | 23.30 | 23.24 | 23.40 | 24.5 | 0.5 | | |
| 10 | WQAM | 1 | 49 | 23.01 | 23.30 | 23.40 | | | | |
| 10 | WQAM | 25 | 0 | 22.92 | 22.10 | 22.10 | | | | |
| 10 | WQAM | 25 | 12 | 22.46 | 22.20 | 22.04 | 23.5 | 1.5 | | |
| 10 | WQAM | 25 | 25 | 22.00 | 22.40 | 22.10 | | | | |
| 10 | WQAM | 50 | 0 | 22.21 | 22.20 | 22.27 | | | | |
| 10 | WQAM | 1 | 0 | 22.51 | 22.40 | 22.23 | 23.5 | 1.5 | | |
| 10 | WQAM | 1 | 25 | 22.50 | 22.10 | 22.10 | | | | |
| 10 | WQAM | 1 | 49 | 22.50 | 22.24 | 22.20 | | | | |
| 10 | WQAM | 25 | 0 | 21.20 | 21.10 | 21.10 | 22.5 | 2.5 | | |
| 10 | WQAM | 25 | 12 | 21.20 | 21.24 | 21.13 | | | | |
| 10 | WQAM | 25 | 25 | 21.16 | 21.20 | 21.04 | | | | |
| 10 | WQAM | 50 | 0 | 21.27 | 21.20 | 21.22 | | | | |
| Channel | | | | 706.5 | 710 | 713.5 | | | | |
| Frequency (MHz) | | | | 706.5 | 710 | 713.5 | | | | |
| 5 | QPSK | 1 | 0 | 23.51 | 23.60 | 23.30 | | | | |
| 5 | QPSK | 1 | 12 | 23.00 | 23.44 | 23.41 | 25 | 0 | | |
| 5 | QPSK | 1 | 24 | 23.00 | 23.61 | 23.60 | | | | |
| 5 | QPSK | 12 | 0 | 23.11 | 23.17 | 23.04 | | | | |
| 5 | QPSK | 12 | 7 | 23.10 | 23.10 | 23.00 | 24.5 | 0.5 | | |
| 5 | QPSK | 12 | 13 | 23.10 | 23.10 | 23.00 | | | | |
| 5 | QPSK | 25 | 0 | 23.17 | 23.04 | 23.10 | | | | |
| 5 | WQAM | 1 | 0 | 23.00 | 23.00 | 23.00 | 24.5 | 0.5 | | |
| 5 | WQAM | 1 | 12 | 23.24 | 23.10 | 23.31 | | | | |
| 5 | WQAM | 1 | 24 | 23.00 | 23.20 | 23.00 | | | | |
| 5 | WQAM | 12 | 0 | 22.90 | 22.90 | 23.13 | | | | |
| 5 | WQAM | 12 | 7 | 22.30 | 22.22 | 21.94 | 23.5 | 1.5 | | |
| 5 | WQAM | 12 | 13 | 22.10 | 22.14 | 22.07 | | | | |
| 5 | WQAM | 25 | 0 | 22.00 | 22.20 | 22.10 | | | | |
| 5 | WQAM | 1 | 0 | 22.40 | 22.27 | 22.42 | 23.5 | 1.5 | | |
| 5 | WQAM | 1 | 12 | 22.22 | 22.24 | 22.24 | | | | |
| 5 | WQAM | 1 | 24 | 22.41 | 23.13 | 22.42 | | | | |
| 5 | WQAM | 12 | 0 | 21.00 | 21.10 | 21.00 | 22.5 | 2.5 | | |
| 5 | WQAM | 12 | 7 | 21.21 | 21.10 | 21.07 | | | | |
| 5 | WQAM | 12 | 13 | 21.00 | 21.12 | 21.14 | | | | |
| 5 | WQAM | 25 | 0 | 21.20 | 21.10 | 21.20 | | | | |



Full Power Mode for Main PA(ENDC)

| Band 41_Ant 0 | | | | | | | | | | |
|-----------------|------------|---------|-----------|---------------------|----------------------------|------------------------|-----------------------------|----------------------|---------------------|----------|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch / Freq | Power Low Middle Ch / Freq | Power Middle Ch / Freq | Power High Middle Ch / Freq | Power High Ch / Freq | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 20 | QPSK | 1 | 0 | 20.82 | 20.78 | 21.01 | 20.96 | 20.98 | 22 | 0 |
| 20 | QPSK | 1 | 49 | 20.87 | 20.82 | 20.91 | 20.92 | 20.88 | | |
| 20 | QPSK | 1 | 99 | 20.73 | 20.81 | 20.98 | 20.96 | 20.84 | | |
| 20 | QPSK | 50 | 0 | 19.83 | 19.88 | 19.98 | 19.92 | 19.93 | | |
| 20 | QPSK | 50 | 24 | 19.93 | 19.96 | 19.97 | 19.97 | 19.93 | 21 | 1 |
| 20 | QPSK | 50 | 50 | 19.85 | 19.94 | 19.96 | 19.96 | 19.94 | | |
| 20 | QPSK | 100 | 0 | 19.88 | 19.93 | 19.96 | 19.92 | 19.90 | | |
| 20 | 16QAM | 1 | 0 | 19.76 | 19.74 | 20.00 | 19.99 | 19.96 | | |
| 20 | 16QAM | 1 | 49 | 20.06 | 20.03 | 20.25 | 19.93 | 20.05 | 21 | 1 |
| 20 | 16QAM | 1 | 99 | 19.96 | 19.80 | 20.07 | 19.92 | 19.87 | | |
| 20 | 16QAM | 50 | 0 | 18.85 | 18.86 | 18.93 | 18.91 | 18.94 | | |
| 20 | 16QAM | 50 | 24 | 18.93 | 18.97 | 19.04 | 18.99 | 18.92 | | |
| 20 | 16QAM | 50 | 50 | 18.91 | 18.94 | 19.00 | 18.98 | 18.95 | 20 | 2 |
| 20 | 16QAM | 100 | 0 | 18.93 | 18.95 | 19.00 | 18.99 | 18.92 | | |
| 20 | 64QAM | 1 | 0 | 18.70 | 18.76 | 18.85 | 18.89 | 18.92 | | |
| 20 | 64QAM | 1 | 49 | 18.85 | 18.86 | 19.01 | 18.86 | 18.88 | 20 | 2 |
| 20 | 64QAM | 1 | 99 | 18.68 | 18.67 | 18.93 | 18.93 | 18.84 | | |
| 20 | 64QAM | 50 | 0 | 17.85 | 17.87 | 17.94 | 17.93 | 17.95 | | |
| 20 | 64QAM | 50 | 24 | 17.94 | 17.95 | 18.01 | 18.02 | 17.92 | | |
| 20 | 64QAM | 50 | 50 | 17.89 | 17.95 | 18.00 | 17.97 | 17.97 | 19 | 3 |
| 20 | 64QAM | 100 | 0 | 17.92 | 17.93 | 17.99 | 17.96 | 17.93 | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 15 | QPSK | 1 | 0 | 20.76 | 20.72 | 20.95 | 20.93 | 20.91 | 22.00 | 0 |
| 15 | QPSK | 1 | 37 | 20.75 | 20.71 | 20.78 | 20.82 | 20.82 | | |
| 15 | QPSK | 1 | 74 | 20.64 | 20.76 | 20.95 | 20.91 | 20.81 | | |
| 15 | QPSK | 36 | 0 | 19.73 | 19.76 | 19.87 | 19.81 | 19.81 | | |
| 15 | QPSK | 36 | 20 | 19.88 | 19.85 | 19.90 | 19.87 | 19.84 | 21 | 1 |
| 15 | QPSK | 36 | 39 | 19.75 | 19.82 | 19.93 | 19.94 | 19.84 | | |
| 15 | QPSK | 75 | 0 | 19.86 | 19.87 | 19.94 | 19.96 | 19.86 | | |
| 15 | 16QAM | 1 | 0 | 19.69 | 19.71 | 19.88 | 19.93 | 19.92 | | |
| 15 | 16QAM | 1 | 37 | 20.03 | 20.01 | 20.19 | 19.91 | 19.93 | 21 | 1 |
| 15 | 16QAM | 1 | 74 | 19.73 | 19.74 | 20.05 | 19.80 | 19.79 | | |
| 15 | 16QAM | 36 | 0 | 18.74 | 18.74 | 18.86 | 18.83 | 18.90 | | |
| 15 | 16QAM | 36 | 20 | 18.82 | 18.93 | 18.93 | 18.95 | 18.82 | 20 | 2 |
| 15 | 16QAM | 36 | 39 | 18.81 | 18.85 | 18.90 | 18.94 | 18.93 | | |
| 15 | 16QAM | 75 | 0 | 18.89 | 18.88 | 18.89 | 18.88 | 18.88 | | |
| 15 | 64QAM | 1 | 0 | 18.59 | 18.58 | 18.77 | 18.87 | 18.90 | | |
| 15 | 64QAM | 1 | 37 | 18.63 | 18.79 | 18.99 | 18.93 | 18.78 | 20 | 2 |
| 15 | 64QAM | 1 | 74 | 18.65 | 18.57 | 18.84 | 18.81 | 18.81 | | |
| 15 | 64QAM | 36 | 0 | 17.76 | 17.76 | 17.88 | 17.80 | 17.89 | | |
| 15 | 64QAM | 36 | 20 | 17.83 | 17.82 | 17.90 | 17.92 | 17.84 | 19 | 3 |
| 15 | 64QAM | 36 | 39 | 17.83 | 17.86 | 17.87 | 17.91 | 17.90 | | |
| 15 | 64QAM | 75 | 0 | 17.83 | 17.89 | 17.93 | 17.93 | 17.89 | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 10 | QPSK | 1 | 0 | 20.76 | 20.76 | 21.00 | 20.93 | 20.95 | 22.00 | 0 |
| 10 | QPSK | 1 | 25 | 20.81 | 20.78 | 20.98 | 20.84 | 20.79 | | |
| 10 | QPSK | 1 | 49 | 20.66 | 20.76 | 20.95 | 20.91 | 20.79 | | |
| 10 | QPSK | 25 | 0 | 19.72 | 19.75 | 19.90 | 19.88 | 19.91 | | |
| 10 | QPSK | 25 | 12 | 19.86 | 19.88 | 19.95 | 19.95 | 19.94 | 21 | 1 |
| 10 | QPSK | 25 | 25 | 19.72 | 19.82 | 19.89 | 19.84 | 19.86 | | |
| 10 | QPSK | 50 | 0 | 19.75 | 19.84 | 19.87 | 19.92 | 19.87 | | |
| 10 | 16QAM | 1 | 0 | 19.66 | 19.61 | 19.93 | 19.89 | 19.86 | | |
| 10 | 16QAM | 1 | 25 | 19.98 | 19.94 | 20.12 | 19.85 | 19.94 | 21 | 1 |
| 10 | 16QAM | 1 | 49 | 19.82 | 19.78 | 19.96 | 19.79 | 19.79 | | |
| 10 | 16QAM | 25 | 0 | 18.75 | 18.77 | 18.91 | 18.84 | 18.87 | | |
| 10 | 16QAM | 25 | 12 | 18.82 | 18.95 | 18.95 | 18.94 | 18.90 | 20 | 2 |
| 10 | 16QAM | 25 | 25 | 18.80 | 18.83 | 18.87 | 18.91 | 18.85 | | |
| 10 | 16QAM | 50 | 0 | 18.84 | 18.85 | 18.88 | 18.86 | 18.89 | | |
| 10 | 64QAM | 1 | 0 | 18.59 | 18.55 | 18.82 | 18.81 | 18.81 | | |
| 10 | 64QAM | 1 | 25 | 18.83 | 18.75 | 18.94 | 18.81 | 18.85 | 20 | 2 |
| 10 | 64QAM | 1 | 49 | 18.59 | 18.65 | 18.87 | 18.86 | 18.72 | | |
| 10 | 64QAM | 25 | 0 | 17.80 | 17.83 | 17.84 | 17.80 | 17.91 | | |
| 10 | 64QAM | 25 | 12 | 17.88 | 17.88 | 17.96 | 17.97 | 17.87 | 19 | 3 |
| 10 | 64QAM | 25 | 25 | 17.80 | 17.86 | 17.97 | 17.86 | 17.88 | | |
| 10 | 64QAM | 50 | 0 | 17.90 | 17.88 | 17.95 | 17.89 | 17.83 | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 5 | QPSK | 1 | 0 | 20.77 | 20.72 | 20.93 | 20.90 | 20.92 | 22.00 | 0 |
| 5 | QPSK | 1 | 12 | 20.85 | 20.73 | 20.84 | 20.87 | 20.81 | | |
| 5 | QPSK | 1 | 24 | 20.71 | 20.76 | 20.87 | 20.82 | 20.74 | | |
| 5 | QPSK | 12 | 0 | 19.79 | 19.85 | 19.92 | 19.90 | 19.84 | | |
| 5 | QPSK | 12 | 7 | 19.83 | 19.84 | 19.95 | 19.86 | 19.84 | 21 | 1 |
| 5 | QPSK | 12 | 13 | 19.72 | 19.91 | 19.93 | 19.87 | 19.88 | | |
| 5 | QPSK | 25 | 0 | 19.85 | 19.80 | 19.89 | 19.91 | 19.88 | | |
| 5 | 16QAM | 1 | 0 | 19.68 | 19.70 | 19.91 | 19.96 | 19.88 | | |
| 5 | 16QAM | 1 | 12 | 19.93 | 19.90 | 20.16 | 19.93 | 20.03 | 21 | 1 |
| 5 | 16QAM | 1 | 24 | 19.84 | 19.87 | 20.02 | 19.90 | 19.74 | | |
| 5 | 16QAM | 12 | 0 | 18.81 | 18.83 | 18.90 | 18.78 | 18.88 | | |
| 5 | 16QAM | 12 | 7 | 18.84 | 18.93 | 18.94 | 18.97 | 18.85 | | |
| 5 | 16QAM | 12 | 13 | 18.82 | 18.86 | 18.89 | 18.90 | 18.92 | 20 | 2 |
| 5 | 16QAM | 25 | 0 | 18.82 | 18.82 | 18.90 | 18.92 | 18.88 | | |
| 5 | 64QAM | 1 | 0 | 18.68 | 18.68 | 18.81 | 18.80 | 18.83 | | |
| 5 | 64QAM | 1 | 12 | 18.77 | 18.75 | 18.98 | 18.78 | 18.81 | 20 | 2 |
| 5 | 64QAM | 1 | 24 | 18.66 | 18.57 | 18.80 | 18.82 | 18.77 | | |
| 5 | 64QAM | 12 | 0 | 17.74 | 17.83 | 17.87 | 17.83 | 17.93 | | |
| 5 | 64QAM | 12 | 7 | 17.88 | 17.89 | 17.91 | 17.90 | 17.81 | | |
| 5 | 64QAM | 12 | 13 | 17.77 | 17.83 | 17.87 | 17.82 | 17.87 | 19 | 3 |
| 5 | 64QAM | 25 | 0 | 17.81 | 17.88 | 17.89 | 17.90 | 17.90 | | |

| Band 41_Ant 1 | | | | | | | | | | |
|-----------------|------------|---------|-----------|---------------------|----------------------------|------------------------|-----------------------------|----------------------|---------------------|----------|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch / Freq | Power Low Middle Ch / Freq | Power Middle Ch / Freq | Power High Middle Ch / Freq | Power High Ch / Freq | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 20 | QPSK | 1 | 0 | 21.70 | 21.61 | 21.78 | 21.56 | 21.49 | 23 | 0 |
| 20 | QPSK | 1 | 49 | 21.62 | 21.62 | 21.63 | 21.46 | 21.36 | | |
| 20 | QPSK | 1 | 99 | 21.58 | 21.56 | 21.74 | 21.48 | 21.47 | | |
| 20 | QPSK | 50 | 0 | 20.67 | 20.62 | 20.76 | 20.52 | 20.40 | | |
| 20 | QPSK | 50 | 24 | 20.71 | 20.73 | 20.74 | 20.60 | 20.39 | 22 | 1 |
| 20 | QPSK | 50 | 50 | 20.71 | 20.67 | 20.73 | 20.54 | 20.40 | | |
| 20 | QPSK | 100 | 0 | 20.71 | 20.68 | 20.74 | 20.57 | 20.37 | | |
| 20 | 16QAM | 1 | 0 | 20.57 | 20.69 | 20.84 | 20.58 | 20.47 | | |
| 20 | 16QAM | 1 | 49 | 20.88 | 21.02 | 20.81 | 20.54 | 20.50 | 22 | 1 |
| 20 | 16QAM | 1 | 99 | 20.85 | 20.47 | 20.68 | 20.48 | 20.28 | | |
| 20 | 16QAM | 50 | 0 | 19.67 | 19.61 | 19.69 | 19.62 | 19.40 | | |
| 20 | 16QAM | 50 | 24 | 19.75 | 19.70 | 19.76 | 19.61 | 19.37 | | |
| 20 | 16QAM | 50 | 50 | 19.72 | 19.69 | 19.73 | 19.55 | 19.43 | 21 | 2 |
| 20 | 16QAM | 100 | 0 | 19.73 | 19.70 | 19.75 | 19.56 | 19.38 | | |
| 20 | 64QAM | 1 | 0 | 18.66 | 18.46 | 18.70 | 19.59 | 18.43 | | |
| 20 | 64QAM | 1 | 49 | 18.63 | 18.56 | 19.75 | 19.47 | 19.30 | 21 | 2 |
| 20 | 64QAM | 1 | 99 | 19.55 | 19.55 | 19.64 | 19.56 | 19.27 | | |
| 20 | 64QAM | 50 | 0 | 18.68 | 18.61 | 18.68 | 18.52 | 18.40 | | |
| 20 | 64QAM | 50 | 24 | 18.73 | 18.69 | 18.74 | 18.61 | 18.38 | | |
| 20 | 64QAM | 50 | 50 | 18.69 | 18.69 | 18.71 | 18.54 | 18.39 | 20 | 3 |
| 20 | 64QAM | 100 | 0 | 18.77 | 18.69 | 18.76 | 18.62 | 18.38 | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 15 | QPSK | 1 | 0 | 21.65 | 21.59 | 21.72 | 21.49 | 21.41 | 23.00 | 0 |
| 15 | QPSK | 1 | 37 | 21.52 | 21.52 | 21.56 | 21.34 | 21.24 | | |
| 15 | QPSK | 1 | 74 | 21.50 | 21.44 | 21.61 | 21.40 | 21.39 | | |
| 15 | QPSK | 36 | 0 | 20.62 | 20.54 | 20.56 | 20.46 | 20.33 | | |
| 15 | QPSK | 36 | 20 | 20.68 | 20.69 | 20.70 | 20.57 | 20.30 | 22 | 1 |



| Band 41_Ant 2 | | | | | | | | | | | |
|-----------------|------------|---------|-----------|---------------------|----------------------------|------------------------|-----------------------------|----------------------|---------------------|----------|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch / Freq | Power Low Middle Ch / Freq | Power Middle Ch / Freq | Power High Middle Ch / Freq | Power High Ch / Freq | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 39790 | 40185 | 40620 | 41055 | 41490 | | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | | | |
| 20 | QPSK | 1 | 0 | 23.38 | 23.40 | 23.72 | 23.84 | 23.70 | 24.5 | 0 | |
| 20 | QPSK | 1 | 49 | 23.36 | 23.42 | 23.63 | 23.59 | 23.70 | | | |
| 20 | QPSK | 1 | 99 | 23.31 | 23.45 | 23.68 | 23.61 | 23.64 | | | |
| 20 | QPSK | 50 | 0 | 22.43 | 22.46 | 22.70 | 22.57 | 22.65 | 23.5 | 1 | |
| 20 | QPSK | 50 | 24 | 22.51 | 22.56 | 22.65 | 22.65 | 22.63 | | | |
| 20 | QPSK | 50 | 50 | 22.46 | 22.56 | 22.69 | 22.64 | 22.61 | | | |
| 20 | QPSK | 100 | 0 | 22.47 | 22.54 | 22.68 | 22.61 | 22.65 | 23.5 | 1 | |
| 20 | 16QAM | 1 | 0 | 22.40 | 22.38 | 22.65 | 22.63 | 22.74 | | | |
| 20 | 16QAM | 1 | 49 | 22.55 | 22.44 | 22.76 | 22.95 | 22.79 | | | |
| 20 | 16QAM | 1 | 99 | 22.35 | 22.32 | 22.67 | 22.63 | 22.62 | 22.5 | 2 | |
| 20 | 16QAM | 50 | 0 | 21.42 | 21.45 | 21.72 | 21.57 | 21.70 | | | |
| 20 | 16QAM | 50 | 24 | 21.52 | 21.58 | 21.73 | 21.68 | 21.69 | | | |
| 20 | 16QAM | 50 | 50 | 21.46 | 21.54 | 21.71 | 21.65 | 21.71 | 22.5 | 2 | |
| 20 | 16QAM | 100 | 0 | 21.48 | 21.56 | 21.71 | 21.65 | 21.66 | | | |
| 20 | 64QAM | 1 | 0 | 21.37 | 21.32 | 21.62 | 21.49 | 21.54 | | | |
| 20 | 64QAM | 1 | 49 | 21.44 | 21.36 | 21.68 | 21.46 | 21.71 | 22.5 | 2 | |
| 20 | 64QAM | 1 | 99 | 21.28 | 21.28 | 21.65 | 21.53 | 21.53 | | | |
| 20 | 64QAM | 50 | 0 | 20.42 | 20.45 | 20.62 | 20.57 | 20.69 | | | |
| 20 | 64QAM | 50 | 24 | 20.52 | 20.57 | 20.72 | 20.67 | 20.69 | 21.5 | 3 | |
| 20 | 64QAM | 50 | 50 | 20.47 | 20.52 | 20.70 | 20.63 | 20.74 | | | |
| 20 | 64QAM | 100 | 0 | 20.50 | 20.56 | 20.69 | 20.64 | 20.64 | | | |
| Channel | | | | 39725 | 40173 | 40620 | 41088 | 41515 | | | |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | | | |
| 15 | QPSK | 1 | 0 | 23.32 | 23.36 | 23.71 | 23.60 | 23.65 | 24.50 | 0 | |
| 15 | QPSK | 1 | 37 | 23.29 | 23.37 | 23.51 | 23.54 | 23.67 | | | |
| 15 | QPSK | 1 | 74 | 23.29 | 23.36 | 23.55 | 23.57 | 23.53 | | | |
| 15 | QPSK | 36 | 0 | 22.38 | 22.41 | 22.63 | 22.46 | 22.58 | 23.5 | 1 | |
| 15 | QPSK | 36 | 20 | 22.46 | 22.45 | 22.59 | 22.55 | 22.59 | | | |
| 15 | QPSK | 36 | 39 | 22.39 | 22.44 | 22.67 | 22.62 | 22.54 | | | |
| 15 | QPSK | 75 | 0 | 22.45 | 22.41 | 22.64 | 22.52 | 22.61 | 23.5 | 1 | |
| 15 | 16QAM | 1 | 0 | 22.29 | 22.27 | 22.61 | 22.58 | 22.67 | | | |
| 15 | 16QAM | 1 | 37 | 22.46 | 22.39 | 22.72 | 22.55 | 22.77 | | | |
| 15 | 16QAM | 1 | 74 | 22.23 | 22.23 | 22.54 | 22.56 | 22.53 | 22.5 | 2 | |
| 15 | 16QAM | 36 | 0 | 21.29 | 21.37 | 21.59 | 21.50 | 21.66 | | | |
| 15 | 16QAM | 36 | 20 | 21.46 | 21.49 | 21.67 | 21.58 | 21.66 | | | |
| 15 | 16QAM | 36 | 39 | 21.33 | 21.42 | 21.58 | 21.58 | 21.68 | 22.5 | 2 | |
| 15 | 16QAM | 75 | 0 | 21.39 | 21.49 | 21.61 | 21.59 | 21.61 | | | |
| 15 | 64QAM | 1 | 0 | 21.34 | 21.19 | 21.54 | 21.44 | 21.52 | | | |
| 15 | 64QAM | 1 | 37 | 21.37 | 21.32 | 21.56 | 21.36 | 21.61 | 22.5 | 2 | |
| 15 | 64QAM | 1 | 74 | 21.23 | 21.20 | 21.57 | 21.42 | 21.50 | | | |
| 15 | 64QAM | 36 | 0 | 20.30 | 20.37 | 20.54 | 20.45 | 20.65 | | | |
| 15 | 64QAM | 36 | 20 | 20.50 | 20.44 | 20.59 | 20.64 | 20.58 | 21.5 | 3 | |
| 15 | 64QAM | 36 | 39 | 20.34 | 20.39 | 20.67 | 20.59 | 20.68 | | | |
| 15 | 64QAM | 75 | 0 | 20.41 | 20.45 | 20.60 | 20.57 | 20.53 | | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | | | |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | | |
| 10 | QPSK | 1 | 0 | 23.33 | 23.34 | 23.69 | 23.57 | 23.64 | 24.50 | 0 | |
| 10 | QPSK | 1 | 25 | 23.26 | 23.37 | 23.52 | 23.49 | 23.64 | | | |
| 10 | QPSK | 1 | 49 | 23.29 | 23.34 | 23.62 | 23.55 | 23.62 | | | |
| 10 | QPSK | 25 | 0 | 22.40 | 22.41 | 22.66 | 22.51 | 22.59 | 23.5 | 1 | |
| 10 | QPSK | 25 | 12 | 22.44 | 22.50 | 22.63 | 22.54 | 22.51 | | | |
| 10 | QPSK | 25 | 25 | 22.35 | 22.48 | 22.57 | 22.60 | 22.50 | | | |
| 10 | QPSK | 50 | 0 | 22.44 | 22.47 | 22.61 | 22.56 | 22.62 | 23.5 | 1 | |
| 10 | 16QAM | 1 | 0 | 22.36 | 22.25 | 22.61 | 22.56 | 22.68 | | | |
| 10 | 16QAM | 1 | 25 | 22.49 | 22.35 | 22.64 | 22.53 | 22.69 | | | |
| 10 | 16QAM | 1 | 49 | 22.27 | 22.27 | 22.54 | 22.60 | 22.57 | 22.5 | 2 | |
| 10 | 16QAM | 25 | 0 | 21.33 | 21.33 | 21.67 | 21.49 | 21.65 | | | |
| 10 | 16QAM | 25 | 12 | 21.43 | 21.48 | 21.61 | 21.61 | 21.59 | | | |
| 10 | 16QAM | 25 | 25 | 21.35 | 21.46 | 21.62 | 21.58 | 21.59 | 22.5 | 2 | |
| 10 | 16QAM | 50 | 0 | 21.39 | 21.47 | 21.59 | 21.55 | 21.56 | | | |
| 10 | 64QAM | 1 | 0 | 21.27 | 21.23 | 21.56 | 21.40 | 21.44 | | | |
| 10 | 64QAM | 1 | 25 | 21.40 | 21.27 | 21.56 | 21.42 | 21.59 | 22.5 | 2 | |
| 10 | 64QAM | 1 | 49 | 21.20 | 21.15 | 21.56 | 21.46 | 21.50 | | | |
| 10 | 64QAM | 25 | 0 | 20.29 | 20.39 | 20.52 | 20.53 | 20.67 | | | |
| 10 | 64QAM | 25 | 12 | 20.44 | 20.48 | 20.59 | 20.57 | 20.59 | 21.5 | 3 | |
| 10 | 64QAM | 25 | 25 | 20.41 | 20.40 | 20.66 | 20.50 | 20.70 | | | |
| 10 | 64QAM | 50 | 0 | 20.41 | 20.52 | 20.63 | 20.51 | 20.55 | | | |
| Channel | | | | 39795 | 40148 | 40620 | 41093 | 41555 | | | |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | | | |
| 5 | QPSK | 1 | 0 | 23.38 | 23.38 | 23.65 | 23.63 | 23.63 | 24.50 | 0 | |
| 5 | QPSK | 1 | 12 | 23.23 | 23.34 | 23.51 | 23.49 | 23.61 | | | |
| 5 | QPSK | 1 | 24 | 23.27 | 23.38 | 23.60 | 23.49 | 23.54 | | | |
| 5 | QPSK | 12 | 0 | 22.34 | 22.34 | 22.65 | 22.55 | 22.57 | 23.5 | 1 | |
| 5 | QPSK | 12 | 7 | 22.38 | 22.54 | 22.63 | 22.60 | 22.61 | | | |
| 5 | QPSK | 12 | 13 | 22.44 | 22.45 | 22.63 | 22.55 | 22.55 | | | |
| 5 | QPSK | 25 | 0 | 22.34 | 22.49 | 22.65 | 22.50 | 22.58 | 23.5 | 1 | |
| 5 | 16QAM | 1 | 0 | 22.32 | 22.33 | 22.56 | 22.56 | 22.68 | | | |
| 5 | 16QAM | 1 | 12 | 22.53 | 22.38 | 22.66 | 22.62 | 22.69 | | | |
| 5 | 16QAM | 1 | 24 | 22.28 | 22.25 | 22.55 | 22.60 | 22.50 | 22.5 | 2 | |
| 5 | 16QAM | 12 | 0 | 21.36 | 21.33 | 21.62 | 21.49 | 21.59 | | | |
| 5 | 16QAM | 12 | 7 | 21.48 | 21.56 | 21.71 | 21.62 | 21.64 | | | |
| 5 | 16QAM | 12 | 13 | 21.43 | 21.52 | 21.67 | 21.54 | 21.60 | 22.5 | 2 | |
| 5 | 16QAM | 25 | 0 | 21.35 | 21.46 | 21.63 | 21.55 | 21.64 | | | |
| 5 | 64QAM | 1 | 0 | 21.26 | 21.29 | 21.49 | 21.40 | 21.47 | | | |
| 5 | 64QAM | 1 | 12 | 21.32 | 21.29 | 21.62 | 21.43 | 21.68 | 22.5 | 2 | |
| 5 | 64QAM | 1 | 24 | 21.25 | 21.16 | 21.52 | 21.44 | 21.51 | | | |
| 5 | 64QAM | 12 | 0 | 20.35 | 20.38 | 20.52 | 20.49 | 20.62 | | | |
| 5 | 64QAM | 12 | 7 | 20.43 | 20.45 | 20.67 | 20.63 | 20.61 | 21.5 | 3 | |
| 5 | 64QAM | 12 | 13 | 20.39 | 20.40 | 20.67 | 20.59 | 20.63 | | | |
| 5 | 64QAM | 25 | 0 | 20.38 | 20.54 | 20.67 | 20.57 | 20.55 | | | |

| Band 41_Ant 3 | | | | | | | | | | | |
|-----------------|------------|---------|-----------|---------------------|----------------------------|------------------------|-----------------------------|----------------------|---------------------|----------|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch / Freq | Power Low Middle Ch / Freq | Power Middle Ch / Freq | Power High Middle Ch / Freq | Power High Ch / Freq | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 39790 | 40185 | 40620 | 41055 | 41490 | | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | | | |
| 20 | QPSK | 1 | 0 | 23.11 | 23.11 | 23.39 | 23.24 | 23.25 | 25 | 0 | |
| 20 | QPSK | 1 | 49 | 23.22 | 23.22 | 23.28 | 23.24 | 23.10 | | | |
| 20 | QPSK | 1 | 99 | 23.19 | 23.19 | 23.33 | 23.20 | 23.01 | | | |
| 20 | QPSK | 50 | 0 | 22.22 | 22.22 | 22.34 | 22.23 | 22.13 | 24 | 1 | |
| 20 | QPSK | 50 | 24 | 22.33 | 22.33 | 22.32 | 22.29 | 22.12 | | | |
| 20 | QPSK | 50 | 50 | 22.26 | 22.26 | 22.32 | 22.26 | 22.12 | | | |
| 20 | QPSK | 100 | 0 | 22.30 | 22.30 | 22.33 | 22.27 | 22.08 | 24 | 1 | |
| 20 | 16QAM | 1 | 0 | 22.14 | 22.14 | 22.32 | 22.28 | 22.32 | | | |
| 20 | 16QAM | 1 | 49 | 22.26 | 22.26 | 22.45 | 22.41 | 22.33 | | | |
| 20 | 16QAM | 1 | 99 | 22.19 | 22.19 | 22.21 | 22.29 | 22.04 | 23 | 2 | |
| 20 | 16QAM | 50 | 0 | 21.26 | 21.26 | 21.29 | 21.24 | 21.16 | | | |
| 20 | 16QAM | 50 | 24 | 21.34 | 21.34 | 21.35 | 21.29 | 21.14 | | | |
| 20 | 16QAM | 50 | 50 | 21.28 | 21.28 | 21.34 | 21.29 | 21.14 | 23 | 2 | |
| 20 | 16QAM | 100 | 0 | 21.29 | 21.29 | 21.33 | 21.28 | 21.10 | | | |
| 20 | 64QAM | 1 | 0 | 21.08 | 21.08 | 21.28 | 21.24 | 21.20 | | | |
| 20 | 64QAM | 1 | 49 | 21.24 | 21.24 | 21.36 | 21.14 | 21.11 | 23 | 2 | |
| 20 | 64QAM | 1 | 99 | 21.17 | 21.17 | 21.13 | 21.12 | 20.99 | | | |
| 20 | 64QAM | 50 | 0 | 20.26 | 20.26 | 20.27 | 20.22 | 20.15 | | | |
| 20 | 64QAM | 50 | 24 | 20.34 | 20.34 | 20.35 | 20.30 | 20.12 | 22 | 3 | |
| 20 | 64QAM | 50 | 50 | 20.28 | 20.28 | 20.35 | 20.28 | 20.13 | | | |
| 20 | 64QAM | 100 | 0 | 20.32 | 20.32 | 20.35 | 20.29 | 20.12 | | | |
| Channel | | | | 39725 | 40173 | 40620 | 41088 | 41515 | | | |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | | | |
| 15 | QPSK | 1 | 0 | 23.05 | 23.05 | 23.31 | 23.16 | 23.20 | 25.00 | 0 | |
| 15 | QPSK | 1 | 37 | 23.11 | 23.16 | 23.17 | 23.20 | 23.00 | | | |
| 15 | | | | | | | | | | | |



Reduced Power for DSI 1

| Band 41_Ant 0 | | | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|------------------------------|--------------------------|-------------------------------|------------------------|---------------------|----------|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | | |
| Frequency (MHz) | | | | 2501 | 25445 | 2589 | 2633 | 2676 | | |
| 20 | QPSK | 1 | 0 | 20.82 | 20.78 | 21.01 | 20.96 | 20.98 | 22 | 0 |
| 20 | QPSK | 1 | 49 | 20.87 | 20.82 | 20.91 | 20.92 | 20.88 | | |
| 20 | QPSK | 1 | 99 | 20.73 | 20.81 | 20.98 | 20.96 | 20.84 | | |
| 20 | QPSK | 50 | 0 | 19.83 | 19.88 | 19.98 | 19.92 | 19.93 | 21 | 1 |
| 20 | QPSK | 50 | 24 | 19.93 | 19.96 | 19.97 | 19.97 | 19.93 | | |
| 20 | QPSK | 50 | 50 | 19.85 | 19.94 | 19.96 | 19.96 | 19.94 | | |
| 20 | QPSK | 100 | 0 | 18.88 | 19.93 | 19.96 | 19.92 | 19.90 | 21 | 1 |
| 20 | 16QAM | 1 | 0 | 19.76 | 19.74 | 20.00 | 19.99 | 19.96 | | |
| 20 | 16QAM | 1 | 49 | 20.06 | 20.03 | 20.25 | 19.93 | 20.05 | | |
| 20 | 16QAM | 1 | 99 | 19.86 | 19.80 | 20.07 | 19.92 | 19.87 | 20 | 2 |
| 20 | 16QAM | 50 | 0 | 18.85 | 18.86 | 19.83 | 19.91 | 19.84 | | |
| 20 | 16QAM | 50 | 24 | 18.93 | 18.97 | 19.04 | 18.99 | 18.92 | | |
| 20 | 16QAM | 50 | 50 | 18.91 | 18.94 | 19.00 | 18.98 | 18.95 | 20 | 2 |
| 20 | 16QAM | 100 | 0 | 18.93 | 18.95 | 19.00 | 18.99 | 18.92 | | |
| 20 | 64QAM | 1 | 0 | 18.70 | 18.76 | 18.85 | 18.89 | 18.92 | | |
| 20 | 64QAM | 1 | 49 | 18.85 | 18.86 | 19.01 | 18.86 | 18.88 | 20 | 2 |
| 20 | 64QAM | 1 | 99 | 18.68 | 18.67 | 18.93 | 18.93 | 18.84 | | |
| 20 | 64QAM | 50 | 0 | 17.85 | 17.87 | 17.94 | 17.93 | 17.95 | | |
| 20 | 64QAM | 50 | 24 | 17.94 | 17.95 | 18.01 | 18.02 | 17.92 | 19 | 3 |
| 20 | 64QAM | 50 | 50 | 17.88 | 17.85 | 18.00 | 17.97 | 17.97 | | |
| 20 | 64QAM | 100 | 0 | 17.92 | 17.95 | 17.99 | 17.98 | 17.93 | | |
| Channel | | | | 39726 | 40173 | 40620 | 41068 | 41515 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 20.76 | 20.72 | 20.95 | 20.93 | 20.91 | 22.00 | 0 |
| 15 | QPSK | 1 | 37 | 20.75 | 20.71 | 20.78 | 20.82 | 20.82 | | |
| 15 | QPSK | 1 | 74 | 20.84 | 20.76 | 20.95 | 20.91 | 20.81 | | |
| 15 | QPSK | 36 | 0 | 19.73 | 19.76 | 19.87 | 19.81 | 19.81 | 21 | 1 |
| 15 | QPSK | 36 | 20 | 19.88 | 19.85 | 19.90 | 19.87 | 19.84 | | |
| 15 | QPSK | 36 | 39 | 19.76 | 19.82 | 19.93 | 19.94 | 19.84 | | |
| 15 | QPSK | 75 | 0 | 19.86 | 19.87 | 19.94 | 19.96 | 19.88 | 21 | 1 |
| 15 | 16QAM | 1 | 0 | 19.69 | 19.71 | 19.88 | 19.93 | 19.92 | | |
| 15 | 16QAM | 1 | 37 | 20.03 | 20.01 | 20.19 | 19.91 | 19.93 | | |
| 15 | 16QAM | 1 | 74 | 19.73 | 19.74 | 20.05 | 19.80 | 19.79 | 20 | 2 |
| 15 | 16QAM | 36 | 0 | 18.74 | 18.74 | 18.86 | 18.83 | 18.90 | | |
| 15 | 16QAM | 36 | 20 | 18.82 | 18.93 | 18.93 | 18.95 | 18.82 | | |
| 15 | 16QAM | 36 | 39 | 18.81 | 18.85 | 18.90 | 18.94 | 18.93 | 20 | 2 |
| 15 | 16QAM | 75 | 0 | 18.89 | 18.88 | 18.89 | 18.88 | 18.88 | | |
| 15 | 64QAM | 1 | 0 | 18.59 | 18.68 | 18.77 | 18.87 | 18.80 | | |
| 15 | 64QAM | 1 | 37 | 18.83 | 18.79 | 18.99 | 18.83 | 18.78 | 20 | 2 |
| 15 | 64QAM | 1 | 74 | 18.65 | 18.57 | 18.84 | 18.81 | 18.81 | | |
| 15 | 64QAM | 36 | 0 | 17.76 | 17.76 | 17.88 | 17.80 | 17.89 | | |
| 15 | 64QAM | 36 | 20 | 17.83 | 17.82 | 17.90 | 17.92 | 17.84 | 19 | 3 |
| 15 | 64QAM | 36 | 39 | 17.83 | 17.86 | 17.87 | 17.91 | 17.90 | | |
| 15 | 64QAM | 75 | 0 | 17.83 | 17.89 | 17.93 | 17.93 | 17.89 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 20.76 | 20.76 | 21.00 | 20.93 | 20.95 | 22.00 | 0 |
| 10 | QPSK | 1 | 25 | 20.81 | 20.76 | 20.88 | 20.84 | 20.79 | | |
| 10 | QPSK | 1 | 49 | 20.96 | 20.78 | 20.95 | 20.91 | 20.79 | | |
| 10 | QPSK | 25 | 0 | 19.72 | 19.75 | 19.90 | 19.88 | 19.91 | 21 | 1 |
| 10 | QPSK | 25 | 12 | 19.86 | 19.88 | 19.95 | 19.95 | 19.84 | | |
| 10 | QPSK | 25 | 25 | 19.72 | 19.82 | 19.89 | 19.84 | 19.86 | | |
| 10 | QPSK | 50 | 0 | 19.75 | 19.84 | 19.87 | 19.92 | 19.87 | 21 | 1 |
| 10 | 16QAM | 1 | 0 | 19.66 | 19.61 | 19.93 | 19.89 | 19.86 | | |
| 10 | 16QAM | 1 | 25 | 19.98 | 19.94 | 20.12 | 19.85 | 19.94 | | |
| 10 | 16QAM | 1 | 49 | 19.82 | 19.78 | 19.96 | 19.79 | 19.79 | 20 | 2 |
| 10 | 16QAM | 25 | 0 | 18.76 | 18.77 | 18.91 | 18.84 | 18.87 | | |
| 10 | 16QAM | 25 | 12 | 18.82 | 18.95 | 18.95 | 18.94 | 18.90 | | |
| 10 | 16QAM | 25 | 25 | 18.80 | 18.83 | 18.87 | 18.91 | 18.85 | 20 | 2 |
| 10 | 16QAM | 50 | 0 | 18.84 | 18.85 | 18.88 | 18.86 | 18.89 | | |
| 10 | 64QAM | 1 | 0 | 18.59 | 18.65 | 18.82 | 18.81 | 18.81 | | |
| 10 | 64QAM | 1 | 25 | 18.83 | 18.75 | 18.94 | 18.81 | 18.85 | 20 | 2 |
| 10 | 64QAM | 1 | 49 | 18.59 | 18.65 | 18.87 | 18.86 | 18.72 | | |
| 10 | 64QAM | 25 | 0 | 17.80 | 17.83 | 17.84 | 17.80 | 17.91 | | |
| 10 | 64QAM | 25 | 12 | 17.88 | 17.88 | 17.96 | 17.97 | 17.87 | 19 | 3 |
| 10 | 64QAM | 25 | 25 | 17.80 | 17.86 | 17.97 | 17.86 | 17.88 | | |
| 10 | 64QAM | 50 | 0 | 17.90 | 17.88 | 17.95 | 17.89 | 17.83 | | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2498.5 | 25438 | 2593 | 2643.9 | 2693.5 | | |
| 5 | QPSK | 1 | 0 | 20.77 | 20.72 | 20.93 | 20.90 | 20.92 | 22.00 | 0 |
| 5 | QPSK | 1 | 12 | 20.85 | 20.73 | 20.84 | 20.87 | 20.81 | | |
| 5 | QPSK | 1 | 24 | 20.71 | 20.76 | 20.87 | 20.92 | 20.74 | | |
| 5 | QPSK | 12 | 0 | 19.79 | 19.85 | 19.92 | 19.80 | 19.84 | 21 | 1 |
| 5 | QPSK | 12 | 7 | 19.83 | 19.84 | 19.95 | 19.86 | 19.84 | | |
| 5 | QPSK | 12 | 13 | 19.72 | 19.91 | 19.93 | 19.87 | 19.88 | | |
| 5 | QPSK | 25 | 0 | 19.85 | 19.80 | 19.89 | 19.91 | 19.88 | 21 | 1 |
| 5 | 16QAM | 1 | 0 | 19.68 | 19.70 | 19.91 | 19.96 | 19.88 | | |
| 5 | 16QAM | 1 | 12 | 19.93 | 19.90 | 20.16 | 19.83 | 20.03 | | |
| 5 | 16QAM | 1 | 24 | 19.84 | 19.67 | 20.02 | 19.90 | 19.74 | 20 | 2 |
| 5 | 16QAM | 12 | 0 | 18.81 | 18.83 | 18.90 | 18.79 | 18.88 | | |
| 5 | 16QAM | 12 | 7 | 18.84 | 18.93 | 18.94 | 18.97 | 18.95 | | |
| 5 | 16QAM | 12 | 13 | 18.82 | 18.86 | 18.89 | 18.90 | 18.92 | 20 | 2 |
| 5 | 16QAM | 25 | 0 | 18.82 | 18.82 | 18.90 | 18.92 | 18.88 | | |
| 5 | 64QAM | 1 | 0 | 18.68 | 18.68 | 18.81 | 18.80 | 18.83 | | |
| 5 | 64QAM | 1 | 12 | 18.77 | 18.75 | 18.88 | 18.78 | 18.81 | 20 | 2 |
| 5 | 64QAM | 1 | 24 | 18.66 | 18.57 | 18.80 | 18.82 | 18.77 | | |
| 5 | 64QAM | 12 | 0 | 17.74 | 17.83 | 17.87 | 17.83 | 17.93 | | |
| 5 | 64QAM | 12 | 7 | 17.88 | 17.89 | 17.91 | 17.90 | 17.81 | 19 | 3 |
| 5 | 64QAM | 12 | 13 | 17.77 | 17.83 | 17.87 | 17.92 | 17.87 | | |
| 5 | 64QAM | 25 | 0 | 17.81 | 17.88 | 17.89 | 17.90 | 17.90 | | |

| Band 41_Ant 1 | | | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|------------------------------|--------------------------|-------------------------------|------------------------|---------------------|----------|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | | |
| Frequency (MHz) | | | | 2501 | 25445 | 2589 | 2633 | 2676 | | |
| 20 | QPSK | 1 | 0 | 18.14 | 18.09 | 18.26 | 18.15 | 18.02 | 17.5 | 0 |
| 20 | QPSK | 1 | 49 | 18.11 | 18.12 | 18.13 | 18.15 | 18.05 | | |
| 20 | QPSK | 1 | 99 | 15.99 | 16.10 | 16.14 | 15.97 | 15.81 | | |
| 20 | QPSK | 50 | 0 | 16.16 | 16.13 | 16.24 | 16.01 | 15.87 | 17.5 | 0 |
| 20 | QPSK | 50 | 24 | 16.23 | 16.20 | 16.16 | 16.10 | 15.87 | | |
| 20 | QPSK | 50 | 50 | 16.20 | 16.21 | 16.21 | 16.02 | 15.90 | | |
| 20 | QPSK | 100 | 0 | 16.19 | 16.18 | 16.23 | 16.06 | 15.86 | 17.5 | 0 |
| 20 | 16QAM | 1 | 0 | 16.10 | 16.13 | 16.18 | 16.04 | 15.84 | | |
| 20 | 16QAM | 1 | 49 | 16.18 | 16.15 | 16.21 | 16.21 | 16.15 | | |
| 20 | 16QAM | 1 | 99 | 16.12 | 16.07 | 16.15 | 15.97 | 15.79 | 17.5 | 0 |
| 20 | 16QAM | 50 | 0 | 16.19 | 16.13 | 16.16 | 16.03 | 15.89 | | |
| 20 | 16QAM | 50 | 24 | 16.25 | 16.20 | 16.20 | 16.09 | 15.89 | | |
| 20 | 16QAM | 50 | 50 | 16.22 | 16.20 | 16.19 | 16.05 | 15.92 | 17.5 | 0 |
| 20 | 16QAM | 100 | 0 | 16.21 | 16.18 | 16.21 | 16.07 | 15.86 | | |
| 20 | 64QAM | 1 | 0 | 16.01 | 16.10 | 16.12 | 16.04 | 15.87 | | |
| 20 | 64QAM | 1 | 49 | 16.10 | 16.18 | 16.08 | 15.96 | 15.88 | 17.5 | 0 |
| 20 | 64QAM | 1 | 99 | 16.00 | 15.88 | 16.16 | 15.93 | 15.79 | | |
| 20 | 64QAM | 50 | 0 | 16.19 | 16.11 | 16.16 | 16.04 | 15.92 | | |
| 20 | 64QAM | 50 | 24 | 16.25 | 16.19 | 16.23 | 16.09 | 15.88 | 17.5 | 0 |
| 20 | 64QAM | 50 | 50 | 16.20 | 16.11 | 16.22 | 16.03 | 15.91 | | |
| 20 | 64QAM | 100 | 0 | 16.21 | 16.16 | 16.22 | 16.09 | 15.87 | | |
| Channel | | | | 39726 | 40173 | 40620 | 41068 | 41515 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 16.06 | 16.07 | 16.22 | 15.98 | 15.87 | 17.50 | 0 |
| 15 | QPSK | 1 | 37 | 15.98</ | | | | | | |



| Band 41_Ant 2 | | | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|------------------------------|--------------------------|-------------------------------|------------------------|---------------------|----------|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | | |
| Frequency (MHz) | | | | 2503 | 25495 | 2593 | 26394 | 26820 | | |
| 20 | QPSK | 1 | 0 | 23.38 | 23.40 | 23.72 | 23.84 | 23.70 | 24.5 | 0 |
| 20 | QPSK | 1 | 49 | 23.38 | 23.42 | 23.63 | 23.59 | 23.70 | | |
| 20 | QPSK | 1 | 99 | 23.31 | 23.45 | 23.68 | 23.61 | 23.64 | | |
| 20 | QPSK | 50 | 0 | 22.43 | 22.46 | 22.70 | 22.57 | 22.65 | 23.5 | 1 |
| 20 | QPSK | 50 | 24 | 22.51 | 22.56 | 22.65 | 22.85 | 22.63 | | |
| 20 | QPSK | 50 | 50 | 22.46 | 22.56 | 22.69 | 22.64 | 22.61 | | |
| 20 | QPSK | 100 | 0 | 22.47 | 22.54 | 22.68 | 22.61 | 22.65 | | |
| 20 | 16QAM | 1 | 0 | 22.40 | 22.38 | 22.65 | 22.63 | 22.74 | 23.5 | 1 |
| 20 | 16QAM | 1 | 49 | 22.55 | 22.48 | 22.76 | 22.65 | 22.79 | | |
| 20 | 16QAM | 1 | 99 | 22.35 | 22.32 | 22.67 | 22.63 | 22.52 | | |
| 20 | 16QAM | 50 | 0 | 21.42 | 21.45 | 21.72 | 21.57 | 21.70 | 22.5 | 2 |
| 20 | 16QAM | 50 | 24 | 21.52 | 21.58 | 21.73 | 21.68 | 21.69 | | |
| 20 | 16QAM | 50 | 50 | 21.46 | 21.54 | 21.71 | 21.65 | 21.71 | | |
| 20 | 16QAM | 100 | 0 | 21.48 | 21.56 | 21.71 | 21.65 | 21.66 | | |
| 20 | 64QAM | 1 | 0 | 21.37 | 21.32 | 21.62 | 21.49 | 21.54 | 22.5 | 2 |
| 20 | 64QAM | 1 | 49 | 21.44 | 21.36 | 21.68 | 21.46 | 21.71 | | |
| 20 | 64QAM | 1 | 99 | 21.28 | 21.28 | 21.65 | 21.53 | 21.53 | | |
| 20 | 64QAM | 50 | 0 | 20.42 | 20.45 | 20.62 | 20.57 | 20.69 | 21.5 | 3 |
| 20 | 64QAM | 50 | 24 | 20.52 | 20.57 | 20.72 | 20.67 | 20.69 | | |
| 20 | 64QAM | 50 | 50 | 20.47 | 20.52 | 20.70 | 20.63 | 20.74 | | |
| 20 | 64QAM | 100 | 0 | 20.50 | 20.55 | 20.69 | 20.64 | 20.64 | | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | | |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 23.32 | 23.36 | 23.71 | 23.60 | 23.65 | 24.50 | 0 |
| 15 | QPSK | 1 | 37 | 23.29 | 23.37 | 23.51 | 23.54 | 23.67 | | |
| 15 | QPSK | 1 | 74 | 23.29 | 23.38 | 23.55 | 23.57 | 23.53 | | |
| 15 | QPSK | 36 | 0 | 22.38 | 22.41 | 22.63 | 22.46 | 22.58 | 23.5 | 1 |
| 15 | QPSK | 36 | 20 | 22.46 | 22.45 | 22.59 | 22.55 | 22.59 | | |
| 15 | QPSK | 36 | 39 | 22.38 | 22.44 | 22.67 | 22.62 | 22.54 | | |
| 15 | QPSK | 75 | 0 | 22.45 | 22.41 | 22.64 | 22.52 | 22.61 | | |
| 15 | 16QAM | 1 | 0 | 22.29 | 22.27 | 22.61 | 22.58 | 22.67 | 23.5 | 1 |
| 15 | 16QAM | 1 | 37 | 22.46 | 22.39 | 22.72 | 22.55 | 22.77 | | |
| 15 | 16QAM | 1 | 74 | 22.23 | 22.23 | 22.54 | 22.56 | 22.53 | | |
| 15 | 16QAM | 36 | 0 | 21.29 | 21.37 | 21.59 | 21.50 | 21.66 | 22.5 | 2 |
| 15 | 16QAM | 36 | 20 | 21.46 | 21.49 | 21.67 | 21.58 | 21.66 | | |
| 15 | 16QAM | 36 | 39 | 21.33 | 21.42 | 21.58 | 21.58 | 21.68 | | |
| 15 | 16QAM | 75 | 0 | 21.39 | 21.49 | 21.61 | 21.59 | 21.61 | | |
| 15 | 64QAM | 1 | 0 | 21.34 | 21.19 | 21.54 | 21.44 | 21.52 | 22.5 | 2 |
| 15 | 64QAM | 1 | 37 | 21.37 | 21.32 | 21.56 | 21.36 | 21.61 | | |
| 15 | 64QAM | 1 | 74 | 21.23 | 21.20 | 21.57 | 21.42 | 21.50 | | |
| 15 | 64QAM | 36 | 0 | 20.30 | 20.37 | 20.54 | 20.45 | 20.65 | 21.5 | 3 |
| 15 | 64QAM | 36 | 20 | 20.50 | 20.44 | 20.59 | 20.64 | 20.58 | | |
| 15 | 64QAM | 36 | 39 | 20.34 | 20.39 | 20.67 | 20.59 | 20.68 | | |
| 15 | 64QAM | 75 | 0 | 20.41 | 20.45 | 20.60 | 20.57 | 20.53 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | | |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 23.33 | 23.34 | 23.69 | 23.57 | 23.64 | 24.50 | 0 |
| 10 | QPSK | 1 | 25 | 23.26 | 23.37 | 23.52 | 23.49 | 23.64 | | |
| 10 | QPSK | 1 | 49 | 23.29 | 23.34 | 23.62 | 23.55 | 23.62 | | |
| 10 | QPSK | 25 | 0 | 22.40 | 22.41 | 22.66 | 22.51 | 22.59 | 23.5 | 1 |
| 10 | QPSK | 25 | 12 | 22.44 | 22.50 | 22.63 | 22.54 | 22.51 | | |
| 10 | QPSK | 25 | 25 | 22.35 | 22.48 | 22.57 | 22.60 | 22.50 | | |
| 10 | QPSK | 50 | 0 | 22.44 | 22.47 | 22.61 | 22.56 | 22.62 | | |
| 10 | 16QAM | 1 | 0 | 22.36 | 22.25 | 22.61 | 22.56 | 22.68 | 23.5 | 1 |
| 10 | 16QAM | 1 | 25 | 22.49 | 22.35 | 22.64 | 22.53 | 22.69 | | |
| 10 | 16QAM | 1 | 49 | 22.27 | 22.27 | 22.54 | 22.60 | 22.57 | | |
| 10 | 16QAM | 25 | 0 | 21.33 | 21.33 | 21.67 | 21.49 | 21.65 | 22.5 | 2 |
| 10 | 16QAM | 25 | 12 | 21.43 | 21.48 | 21.61 | 21.61 | 21.59 | | |
| 10 | 16QAM | 25 | 25 | 21.35 | 21.46 | 21.62 | 21.58 | 21.59 | | |
| 10 | 16QAM | 50 | 0 | 21.39 | 21.47 | 21.59 | 21.55 | 21.56 | | |
| 10 | 64QAM | 1 | 0 | 21.27 | 21.23 | 21.56 | 21.40 | 21.44 | 22.5 | 2 |
| 10 | 64QAM | 1 | 25 | 21.40 | 21.27 | 21.56 | 21.42 | 21.59 | | |
| 10 | 64QAM | 1 | 49 | 21.20 | 21.15 | 21.56 | 21.46 | 21.50 | | |
| 10 | 64QAM | 25 | 0 | 20.29 | 20.39 | 20.52 | 20.53 | 20.67 | 21.5 | 3 |
| 10 | 64QAM | 25 | 12 | 20.44 | 20.48 | 20.59 | 20.57 | 20.59 | | |
| 10 | 64QAM | 25 | 25 | 20.41 | 20.40 | 20.66 | 20.50 | 20.70 | | |
| 10 | 64QAM | 50 | 0 | 20.41 | 20.52 | 20.63 | 20.51 | 20.55 | | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | | |
| Frequency (MHz) | | | | 2498.5 | 25458 | 2593 | 26403 | 26875 | | |
| 5 | QPSK | 1 | 0 | 23.46 | 23.34 | 23.65 | 23.63 | 23.63 | 24.50 | 0 |
| 5 | QPSK | 1 | 12 | 23.23 | 23.34 | 23.51 | 23.49 | 23.61 | | |
| 5 | QPSK | 1 | 24 | 23.27 | 23.38 | 23.60 | 23.49 | 23.54 | | |
| 5 | QPSK | 12 | 0 | 22.34 | 22.34 | 22.65 | 22.55 | 22.57 | 23.5 | 1 |
| 5 | QPSK | 12 | 7 | 22.38 | 22.54 | 22.63 | 22.60 | 22.61 | | |
| 5 | QPSK | 12 | 13 | 22.44 | 22.45 | 22.63 | 22.55 | 22.55 | | |
| 5 | QPSK | 25 | 0 | 22.34 | 22.49 | 22.65 | 22.50 | 22.58 | | |
| 5 | 16QAM | 1 | 0 | 22.32 | 22.33 | 22.56 | 22.56 | 22.68 | 23.5 | 1 |
| 5 | 16QAM | 1 | 12 | 22.53 | 22.36 | 22.66 | 22.62 | 22.69 | | |
| 5 | 16QAM | 1 | 24 | 22.28 | 22.25 | 22.55 | 22.60 | 22.50 | | |
| 5 | 16QAM | 12 | 0 | 21.36 | 21.33 | 21.62 | 21.49 | 21.59 | 22.5 | 2 |
| 5 | 16QAM | 12 | 7 | 21.48 | 21.56 | 21.71 | 21.62 | 21.64 | | |
| 5 | 16QAM | 12 | 13 | 21.43 | 21.52 | 21.67 | 21.54 | 21.60 | | |
| 5 | 16QAM | 25 | 0 | 21.35 | 21.46 | 21.63 | 21.55 | 21.64 | | |
| 5 | 64QAM | 1 | 0 | 21.26 | 21.29 | 21.49 | 21.40 | 21.47 | 22.5 | 2 |
| 5 | 64QAM | 1 | 12 | 21.32 | 21.29 | 21.62 | 21.43 | 21.68 | | |
| 5 | 64QAM | 1 | 24 | 21.25 | 21.16 | 21.52 | 21.44 | 21.51 | | |
| 5 | 64QAM | 12 | 0 | 20.35 | 20.38 | 20.52 | 20.49 | 20.62 | 21.5 | 3 |
| 5 | 64QAM | 12 | 7 | 20.43 | 20.45 | 20.67 | 20.63 | 20.61 | | |
| 5 | 64QAM | 12 | 13 | 20.39 | 20.49 | 20.67 | 20.59 | 20.63 | | |
| 5 | 64QAM | 25 | 0 | 20.38 | 20.54 | 20.57 | 20.57 | 20.55 | | |

| Band 41_Ant 3 | | | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|------------------------------|--------------------------|-------------------------------|------------------------|---------------------|----------|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | | |
| Frequency (MHz) | | | | 2503 | 25495 | 2593 | 26394 | 26820 | | |
| 20 | QPSK | 1 | 0 | 18.19 | 18.11 | 18.39 | 18.38 | 18.22 | 19.5 | 0 |
| 20 | QPSK | 1 | 49 | 18.17 | 18.18 | 18.24 | 18.22 | 18.11 | | |
| 20 | QPSK | 1 | 99 | 18.16 | 18.11 | 18.26 | 18.15 | 18.00 | | |
| 20 | QPSK | 50 | 0 | 18.20 | 18.14 | 18.35 | 18.12 | 18.12 | 19.5 | 0 |
| 20 | QPSK | 50 | 24 | 18.28 | 18.26 | 18.25 | 18.28 | 18.15 | | |
| 20 | QPSK | 50 | 50 | 18.22 | 18.22 | 18.26 | 18.18 | 18.17 | | |
| 20 | QPSK | 100 | 0 | 18.29 | 18.26 | 18.33 | 18.20 | 18.06 | | |
| 20 | 16QAM | 1 | 0 | 18.17 | 18.27 | 18.25 | 18.29 | 18.17 | 19.5 | 0 |
| 20 | 16QAM | 1 | 49 | 18.21 | 18.23 | 18.35 | 18.28 | 18.24 | | |
| 20 | 16QAM | 1 | 99 | 18.17 | 18.16 | 18.28 | 18.23 | 18.02 | | |
| 20 | 16QAM | 50 | 0 | 18.20 | 18.28 | 18.28 | 18.19 | 18.16 | | |
| 20 | 16QAM | 50 | 24 | 18.24 | 18.25 | 18.35 | 18.26 | 18.17 | 19.5 | 0 |
| 20 | 16QAM | 50 | 50 | 18.25 | 18.25 | 18.32 | 18.28 | 18.15 | | |
| 20 | 16QAM | 100 | 0 | 18.25 | 18.32 | 18.33 | 18.32 | 18.07 | | |
| 20 | 64QAM | 1 | 0 | 18.08 | 18.08 | 18.18 | 18.27 | 18.21 | 19.5 | 0 |
| 20 | 64QAM | 1 | 49 | 18.32 | 18.28 | 18.30 | 18.11 | 18.09 | | |
| 20 | 64QAM | 1 | 99 | 18.18 | 17.99 | 18.24 | 18.15 | 17.98 | | |
| 20 | 64QAM | 50 | 0 | 18.14 | 18.20 | 18.30 | 18.24 | 18.18 | 19.5 | 0 |
| 20 | 64QAM | 50 | 24 | 18.37 | 18.32 | 18.35 | 18.32 | 18.11 | | |
| 20 | 64QAM | 50 | 50 | 18.24 | 18.23 | 18.33 | 18.20 | 18.13 | | |
| 20 | 64QAM | 1 | | | | | | | | |



Reduced Power for DSI 3

| Band 41_Ant 0 | | | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|------------------------------|--------------------------|-------------------------------|------------------------|---------------------|----------|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | | |
| 20 | QPSK | 1 | 0 | 18.72 | 18.79 | 18.03 | 18.96 | 19.00 | 20 | 0 |
| 20 | QPSK | 1 | 49 | 18.76 | 18.78 | 18.93 | 18.92 | 18.94 | | |
| 20 | QPSK | 1 | 99 | 18.68 | 18.70 | 18.98 | 18.88 | 18.95 | | |
| 20 | QPSK | 50 | 0 | 18.74 | 18.81 | 19.01 | 18.94 | 18.94 | | |
| 20 | QPSK | 50 | 24 | 18.87 | 18.92 | 19.00 | 18.92 | 18.94 | | |
| 20 | QPSK | 50 | 50 | 18.83 | 18.88 | 18.99 | 18.97 | 18.96 | | |
| 20 | QPSK | 100 | 0 | 18.84 | 18.90 | 18.98 | 18.97 | 18.92 | | |
| 20 | 16QAM | 1 | 0 | 18.63 | 18.78 | 18.90 | 19.01 | 18.99 | | |
| 20 | 16QAM | 1 | 49 | 19.01 | 19.00 | 19.01 | 18.95 | 18.96 | | |
| 20 | 16QAM | 1 | 99 | 18.70 | 18.81 | 18.88 | 18.92 | 18.78 | | |
| 20 | 16QAM | 50 | 0 | 18.79 | 18.84 | 18.93 | 18.93 | 18.95 | | |
| 20 | 16QAM | 50 | 24 | 18.86 | 18.93 | 19.02 | 19.01 | 18.93 | | |
| 20 | 16QAM | 50 | 50 | 18.83 | 18.93 | 18.98 | 18.99 | 18.97 | | |
| 20 | 16QAM | 100 | 0 | 18.85 | 18.94 | 18.99 | 18.99 | 18.93 | | |
| 20 | 64QAM | 1 | 0 | 18.56 | 18.70 | 18.96 | 18.94 | 18.95 | | |
| 20 | 64QAM | 1 | 49 | 18.80 | 18.77 | 18.82 | 18.86 | 18.93 | | |
| 20 | 64QAM | 1 | 99 | 18.65 | 18.74 | 18.94 | 18.87 | 18.82 | | |
| 20 | 64QAM | 50 | 0 | 17.77 | 17.84 | 17.93 | 17.93 | 17.95 | | |
| 20 | 64QAM | 50 | 24 | 17.85 | 17.95 | 18.02 | 18.01 | 17.93 | | |
| 20 | 64QAM | 50 | 50 | 17.83 | 17.95 | 17.96 | 17.98 | 17.95 | | |
| 20 | 64QAM | 100 | 0 | 17.84 | 17.95 | 17.99 | 17.97 | 17.97 | | |
| Channel | | | | 39725 | 40173 | 40620 | 41063 | 41515 | | |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 18.68 | 18.75 | 18.96 | 18.92 | 18.95 | 20.00 | 0 |
| 15 | QPSK | 1 | 37 | 18.74 | 18.75 | 18.90 | 18.83 | 18.91 | | |
| 15 | QPSK | 1 | 74 | 18.59 | 18.60 | 18.94 | 18.86 | 18.90 | | |
| 15 | QPSK | 36 | 0 | 18.70 | 18.69 | 18.98 | 18.83 | 18.90 | | |
| 15 | QPSK | 36 | 20 | 18.74 | 18.88 | 18.92 | 18.88 | 18.92 | | |
| 15 | QPSK | 36 | 39 | 18.77 | 18.78 | 18.92 | 18.90 | 18.83 | | |
| 15 | QPSK | 75 | 0 | 18.74 | 18.78 | 18.94 | 18.93 | 18.90 | | |
| 15 | 16QAM | 1 | 0 | 18.61 | 18.69 | 18.97 | 18.96 | 18.97 | | |
| 15 | 16QAM | 1 | 37 | 18.92 | 18.95 | 18.98 | 18.87 | 18.97 | | |
| 15 | 16QAM | 1 | 74 | 18.63 | 18.70 | 18.84 | 18.79 | 18.88 | | |
| 15 | 16QAM | 36 | 0 | 18.67 | 18.74 | 18.84 | 18.89 | 18.88 | | |
| 15 | 16QAM | 36 | 20 | 18.76 | 18.82 | 18.90 | 18.90 | 18.91 | | |
| 15 | 16QAM | 36 | 39 | 18.72 | 18.84 | 18.85 | 18.90 | 18.95 | | |
| 15 | 16QAM | 75 | 0 | 18.83 | 18.92 | 18.92 | 18.86 | 18.82 | | |
| 15 | 64QAM | 1 | 0 | 18.48 | 18.67 | 18.92 | 18.82 | 18.90 | | |
| 15 | 64QAM | 1 | 37 | 18.73 | 18.65 | 18.80 | 18.83 | 18.91 | | |
| 15 | 64QAM | 1 | 74 | 18.56 | 18.63 | 18.85 | 18.78 | 18.77 | | |
| 15 | 64QAM | 36 | 0 | 17.75 | 17.72 | 17.83 | 17.84 | 17.91 | | |
| 15 | 64QAM | 36 | 20 | 17.73 | 17.83 | 17.93 | 17.90 | 17.85 | | |
| 15 | 64QAM | 36 | 39 | 17.72 | 17.84 | 17.90 | 17.86 | 17.91 | | |
| 15 | 64QAM | 75 | 0 | 17.77 | 17.89 | 17.93 | 17.85 | 17.80 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41060 | 41540 | | |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 18.66 | 18.77 | 18.96 | 18.94 | 18.99 | 20.00 | 0 |
| 10 | QPSK | 1 | 25 | 18.68 | 18.71 | 18.83 | 18.89 | 18.84 | | |
| 10 | QPSK | 1 | 49 | 18.57 | 18.64 | 18.92 | 18.78 | 18.88 | | |
| 10 | QPSK | 25 | 0 | 18.66 | 18.72 | 18.97 | 18.91 | 18.91 | | |
| 10 | QPSK | 25 | 12 | 18.65 | 18.79 | 18.94 | 18.87 | 18.94 | | |
| 10 | QPSK | 25 | 25 | 18.72 | 18.82 | 18.91 | 18.99 | 18.91 | | |
| 10 | QPSK | 50 | 0 | 18.79 | 18.80 | 18.88 | 18.84 | 18.88 | | |
| 10 | 16QAM | 1 | 0 | 18.55 | 18.75 | 18.85 | 18.99 | 18.90 | | |
| 10 | 16QAM | 1 | 25 | 18.95 | 18.92 | 18.94 | 18.89 | 18.92 | | |
| 10 | 16QAM | 1 | 49 | 18.60 | 18.74 | 18.78 | 18.84 | 18.68 | | |
| 10 | 16QAM | 25 | 0 | 18.71 | 18.77 | 18.82 | 18.85 | 18.90 | | |
| 10 | 16QAM | 25 | 12 | 18.79 | 18.91 | 18.90 | 18.88 | 18.87 | | |
| 10 | 16QAM | 25 | 25 | 18.71 | 18.85 | 18.96 | 18.91 | 18.94 | | |
| 10 | 16QAM | 50 | 0 | 18.79 | 18.85 | 18.97 | 18.95 | 18.86 | | |
| 10 | 64QAM | 1 | 0 | 18.50 | 18.65 | 18.93 | 18.84 | 18.86 | | |
| 10 | 64QAM | 1 | 25 | 18.67 | 18.72 | 18.80 | 18.76 | 18.91 | | |
| 10 | 64QAM | 1 | 49 | 18.55 | 18.69 | 18.89 | 18.85 | 18.79 | | |
| 10 | 64QAM | 25 | 0 | 17.68 | 17.73 | 17.82 | 17.83 | 17.92 | | |
| 10 | 64QAM | 25 | 12 | 17.72 | 17.82 | 17.92 | 17.89 | 17.91 | | |
| 10 | 64QAM | 25 | 25 | 17.73 | 17.93 | 17.89 | 17.91 | 17.88 | | |
| 10 | 64QAM | 50 | 0 | 17.80 | 17.82 | 17.87 | 17.85 | 17.86 | | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | | |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | | |
| 5 | QPSK | 1 | 0 | 18.70 | 18.76 | 18.96 | 18.92 | 18.99 | 20.00 | 0 |
| 5 | QPSK | 1 | 12 | 18.65 | 18.76 | 18.85 | 18.82 | 18.90 | | |
| 5 | QPSK | 1 | 24 | 18.61 | 18.59 | 18.96 | 18.86 | 18.87 | | |
| 5 | QPSK | 12 | 0 | 18.68 | 18.74 | 18.91 | 18.83 | 18.86 | | |
| 5 | QPSK | 12 | 7 | 18.83 | 18.80 | 18.94 | 18.80 | 18.91 | | |
| 5 | QPSK | 12 | 13 | 18.70 | 18.80 | 18.87 | 18.90 | 18.85 | | |
| 5 | QPSK | 25 | 0 | 18.80 | 18.82 | 18.95 | 18.87 | 18.87 | | |
| 5 | 16QAM | 1 | 0 | 18.57 | 18.69 | 18.77 | 18.99 | 18.88 | | |
| 5 | 16QAM | 1 | 12 | 18.90 | 18.96 | 18.92 | 18.82 | 18.83 | | |
| 5 | 16QAM | 1 | 24 | 18.64 | 18.69 | 18.82 | 18.88 | 18.69 | | |
| 5 | 16QAM | 12 | 0 | 18.66 | 18.72 | 18.82 | 18.91 | 18.82 | | |
| 5 | 16QAM | 12 | 7 | 18.74 | 18.91 | 18.92 | 18.94 | 18.90 | | |
| 5 | 16QAM | 12 | 13 | 18.79 | 18.88 | 18.94 | 18.94 | 18.91 | | |
| 5 | 16QAM | 25 | 0 | 18.81 | 18.92 | 18.91 | 18.90 | 18.81 | | |
| 5 | 64QAM | 1 | 0 | 18.50 | 18.60 | 18.91 | 18.91 | 18.86 | | |
| 5 | 64QAM | 1 | 12 | 18.77 | 18.69 | 18.76 | 18.82 | 18.83 | | |
| 5 | 64QAM | 1 | 24 | 18.53 | 18.67 | 18.82 | 18.80 | 18.69 | | |
| 5 | 64QAM | 12 | 0 | 17.72 | 17.77 | 17.91 | 17.80 | 17.89 | | |
| 5 | 64QAM | 12 | 7 | 17.79 | 17.90 | 17.92 | 17.91 | 17.85 | | |
| 5 | 64QAM | 12 | 13 | 17.74 | 17.84 | 17.85 | 17.91 | 17.84 | | |
| 5 | 64QAM | 25 | 0 | 17.72 | 17.91 | 17.88 | 17.85 | 17.84 | | |

| Band 41_Ant 1 | | | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|------------------------------|--------------------------|-------------------------------|------------------------|---------------------|----------|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | | |
| 20 | QPSK | 1 | 0 | 19.67 | 19.61 | 19.80 | 19.55 | 19.53 | 21 | 0 |
| 20 | QPSK | 1 | 49 | 19.65 | 19.58 | 19.65 | 19.47 | 19.34 | | |
| 20 | QPSK | 1 | 99 | 19.66 | 19.40 | 19.63 | 19.41 | 19.31 | | |
| 20 | QPSK | 50 | 0 | 19.64 | 19.62 | 19.76 | 19.55 | 19.44 | | |
| 20 | QPSK | 50 | 24 | 19.73 | 19.71 | 19.75 | 19.61 | 19.39 | | |
| 20 | QPSK | 50 | 50 | 19.67 | 19.65 | 19.73 | 19.53 | 19.44 | | |
| 20 | QPSK | 100 | 0 | 19.71 | 19.69 | 19.74 | 19.57 | 19.37 | | |
| 20 | 16QAM | 1 | 0 | 19.71 | 19.60 | 19.70 | 19.61 | 19.49 | | |
| 20 | 16QAM | 1 | 49 | 19.74 | 19.73 | 19.77 | 19.71 | 19.63 | | |
| 20 | 16QAM | 1 | 99 | 19.67 | 19.61 | 19.68 | 19.57 | 19.29 | | |
| 20 | 16QAM | 50 | 0 | 19.69 | 19.60 | 19.67 | 19.54 | 19.41 | | |
| 20 | 16QAM | 50 | 24 | 19.75 | 19.71 | 19.74 | 19.60 | 19.38 | | |
| 20 | 16QAM | 50 | 50 | 19.70 | 19.69 | 19.72 | 19.56 | 19.43 | | |
| 20 | 16QAM | 100 | 0 | 19.74 | 19.70 | 19.75 | 19.59 | 19.39 | | |
| 20 | 64QAM | 1 | 0 | 19.57 | 19.47 | 19.70 | 19.49 | 19.45 | | |
| 20 | 64QAM | 1 | 49 | 19.71 | 19.66 | 19.66 | 19.49 | 19.36 | | |
| 20 | 64QAM | 1 | 99 | 19.46 | 19.52 | 19.63 | 19.43 | 19.36 | | |
| 20 | 64QAM | 50 | 0 | 18.65 | 18.60 | 18.66 | 18.55 | 18.41 | | |
| 20 | 64QAM | 50 | 24 | 18.77 | 18.70 | 18.75 | 18.60 | 18.39 | | |
| 20 | 64QAM | 50 | 50 | 18.71 | 18.66 | 18.71 | 18.56 | 18.42 | | |
| 20 | 64QAM | 100 | 0 | 18.73 | 18.66 | 18.71 | 18.57 | 18.36 | | |
| Channel | | | | 39725 | 40173 | 40620</ | | | | |



Band 41_Ant 2

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | | |
|-----------------|------------|---------|-----------|-----------------------|------------------------------|--------------------------|-------------------------------|------------------------|---------------------|----------|-------|---|
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | | | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | | | | |
| 20 | QPSK | 1 | 0 | 22.32 | 22.42 | 22.70 | 22.55 | 22.69 | 23.5 | 0 | | |
| 20 | QPSK | 1 | 49 | 22.42 | 22.47 | 22.59 | 22.56 | 22.63 | | | | |
| 20 | QPSK | 1 | 99 | 22.32 | 22.46 | 22.65 | 22.61 | 22.58 | | | | |
| 20 | QPSK | 50 | 0 | 22.39 | 22.45 | 22.69 | 22.55 | 22.68 | | | | |
| 20 | QPSK | 50 | 24 | 22.49 | 22.56 | 22.67 | 22.65 | 22.66 | | | | |
| 20 | QPSK | 50 | 50 | 22.44 | 22.53 | 22.68 | 22.61 | 22.68 | 23.5 | 0 | | |
| 20 | QPSK | 100 | 0 | 22.47 | 22.55 | 22.68 | 22.61 | 22.64 | | | | |
| 20 | 16QAM | 1 | 0 | 22.34 | 22.39 | 22.67 | 22.59 | 22.67 | | | | |
| 20 | 16QAM | 1 | 49 | 22.60 | 22.45 | 22.65 | 22.55 | 22.65 | | | | |
| 20 | 16QAM | 1 | 99 | 22.34 | 22.44 | 22.62 | 22.54 | 22.67 | | | | |
| 20 | 16QAM | 50 | 0 | 21.42 | 21.45 | 21.63 | 21.56 | 21.69 | 22.5 | 1 | | |
| 20 | 16QAM | 50 | 24 | 21.50 | 21.54 | 21.70 | 21.63 | 21.67 | | | | |
| 20 | 16QAM | 50 | 50 | 21.45 | 21.51 | 21.68 | 21.63 | 21.71 | | | | |
| 20 | 16QAM | 100 | 0 | 21.48 | 21.53 | 21.68 | 21.63 | 21.66 | | | | |
| 20 | 64QAM | 1 | 0 | 21.31 | 21.31 | 21.62 | 21.48 | 21.66 | | | | |
| 20 | 64QAM | 1 | 49 | 21.44 | 21.36 | 21.64 | 21.61 | 21.74 | 22.5 | 1 | | |
| 20 | 64QAM | 1 | 99 | 21.30 | 21.34 | 21.56 | 21.52 | 21.65 | | | | |
| 20 | 64QAM | 50 | 0 | 20.37 | 20.45 | 20.63 | 20.54 | 20.70 | | | | |
| 20 | 64QAM | 50 | 24 | 20.51 | 20.56 | 20.70 | 20.64 | 20.65 | | | | |
| 20 | 64QAM | 50 | 50 | 20.48 | 20.52 | 20.67 | 20.61 | 20.71 | | | | |
| 20 | 64QAM | 100 | 0 | 20.48 | 20.54 | 20.69 | 20.61 | 20.65 | 21.5 | 2 | | |
| Channel | | | | 39725 | 40175 | 40620 | 41063 | 41515 | | | | |
| Frequency (MHz) | | | | 2603.5 | 2648.3 | 2693 | 2737.5 | 2682.5 | | | | |
| 15 | QPSK | 1 | 0 | 22.26 | 22.35 | 22.64 | 22.48 | 22.67 | | | 23.50 | 0 |
| 15 | QPSK | 1 | 37 | 22.34 | 22.40 | 22.52 | 22.52 | 22.56 | | | | |
| 15 | QPSK | 1 | 74 | 22.30 | 22.42 | 22.63 | 22.54 | 22.46 | | | | |
| 15 | QPSK | 36 | 0 | 22.31 | 22.43 | 22.61 | 22.51 | 22.63 | | | | |
| 15 | QPSK | 36 | 20 | 22.44 | 22.51 | 22.59 | 22.62 | 22.57 | | | | |
| 15 | QPSK | 36 | 39 | 22.32 | 22.44 | 22.62 | 22.59 | 22.56 | 23.5 | 0 | | |
| 15 | QPSK | 75 | 0 | 22.36 | 22.49 | 22.55 | 22.49 | 22.52 | | | | |
| 15 | 16QAM | 1 | 0 | 22.28 | 22.34 | 22.54 | 22.51 | 22.55 | | | | |
| 15 | 16QAM | 1 | 37 | 22.51 | 22.33 | 22.57 | 22.48 | 22.61 | | | | |
| 15 | 16QAM | 1 | 74 | 22.23 | 22.42 | 22.56 | 22.52 | 22.63 | | | | |
| 15 | 16QAM | 36 | 0 | 21.31 | 21.36 | 21.55 | 21.49 | 21.67 | 22.5 | 1 | | |
| 15 | 16QAM | 36 | 20 | 21.47 | 21.46 | 21.57 | 21.56 | 21.59 | | | | |
| 15 | 16QAM | 36 | 39 | 21.35 | 21.40 | 21.64 | 21.59 | 21.68 | | | | |
| 15 | 16QAM | 75 | 0 | 21.44 | 21.40 | 21.59 | 21.61 | 21.62 | | | | |
| 15 | 64QAM | 1 | 0 | 21.23 | 21.25 | 21.51 | 21.37 | 21.62 | | | | |
| 15 | 64QAM | 1 | 37 | 21.31 | 21.23 | 21.60 | 21.52 | 21.64 | 22.5 | 1 | | |
| 15 | 64QAM | 1 | 74 | 21.26 | 21.27 | 21.44 | 21.46 | 21.57 | | | | |
| 15 | 64QAM | 36 | 0 | 20.25 | 20.40 | 20.54 | 20.41 | 20.66 | | | | |
| 15 | 64QAM | 36 | 20 | 20.49 | 20.52 | 20.68 | 20.55 | 20.54 | | | | |
| 15 | 64QAM | 36 | 39 | 20.42 | 20.42 | 20.59 | 20.52 | 20.58 | | | | |
| 15 | 64QAM | 75 | 0 | 20.40 | 20.52 | 20.61 | 20.49 | 20.57 | 21.5 | 2 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | | | | |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | | | |
| 10 | QPSK | 1 | 0 | 22.31 | 22.37 | 22.65 | 22.53 | 22.64 | | | 23.50 | 0 |
| 10 | QPSK | 1 | 25 | 22.36 | 22.34 | 22.52 | 22.47 | 22.61 | | | | |
| 10 | QPSK | 1 | 49 | 22.26 | 22.42 | 22.56 | 22.52 | 22.47 | | | | |
| 10 | QPSK | 25 | 0 | 22.27 | 22.39 | 22.58 | 22.46 | 22.56 | | | | |
| 10 | QPSK | 25 | 12 | 22.39 | 22.51 | 22.54 | 22.59 | 22.61 | | | | |
| 10 | QPSK | 25 | 25 | 22.38 | 22.51 | 22.64 | 22.48 | 22.55 | 23.5 | 0 | | |
| 10 | QPSK | 50 | 0 | 22.38 | 22.53 | 22.62 | 22.48 | 22.54 | | | | |
| 10 | 16QAM | 1 | 0 | 22.31 | 22.37 | 22.65 | 22.57 | 22.60 | | | | |
| 10 | 16QAM | 1 | 25 | 22.52 | 22.43 | 22.56 | 22.49 | 22.62 | | | | |
| 10 | 16QAM | 1 | 49 | 22.30 | 22.33 | 22.49 | 22.43 | 22.63 | | | | |
| 10 | 16QAM | 25 | 0 | 21.35 | 21.42 | 21.50 | 21.45 | 21.56 | 22.5 | 1 | | |
| 10 | 16QAM | 25 | 12 | 21.37 | 21.43 | 21.67 | 21.57 | 21.58 | | | | |
| 10 | 16QAM | 25 | 25 | 21.40 | 21.48 | 21.56 | 21.60 | 21.63 | | | | |
| 10 | 16QAM | 50 | 0 | 21.40 | 21.47 | 21.63 | 21.51 | 21.64 | | | | |
| 10 | 64QAM | 1 | 0 | 21.20 | 21.26 | 21.50 | 21.40 | 21.58 | | | | |
| 10 | 64QAM | 1 | 25 | 21.37 | 21.34 | 21.55 | 21.49 | 21.63 | 22.5 | 1 | | |
| 10 | 64QAM | 1 | 49 | 21.17 | 21.24 | 21.44 | 21.49 | 21.57 | | | | |
| 10 | 64QAM | 25 | 0 | 20.29 | 20.41 | 20.52 | 20.41 | 20.57 | | | | |
| 10 | 64QAM | 25 | 12 | 20.45 | 20.49 | 20.61 | 20.59 | 20.60 | | | | |
| 10 | 64QAM | 25 | 25 | 20.45 | 20.45 | 20.65 | 20.55 | 20.62 | | | | |
| 10 | 64QAM | 50 | 0 | 20.40 | 20.43 | 20.65 | 20.49 | 20.62 | 21.5 | 2 | | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | | | | |
| Frequency (MHz) | | | | 2496.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | | | | |
| 5 | QPSK | 1 | 0 | 22.29 | 22.38 | 22.64 | 22.47 | 22.68 | | | 23.50 | 0 |
| 5 | QPSK | 1 | 12 | 22.31 | 22.45 | 22.47 | 22.52 | 22.56 | | | | |
| 5 | QPSK | 1 | 24 | 22.30 | 22.42 | 22.57 | 22.57 | 22.49 | | | | |
| 5 | QPSK | 12 | 0 | 22.30 | 22.33 | 22.67 | 22.44 | 22.63 | | | | |
| 5 | QPSK | 12 | 7 | 22.39 | 22.51 | 22.57 | 22.58 | 22.60 | | | | |
| 5 | QPSK | 12 | 13 | 22.37 | 22.42 | 22.62 | 22.59 | 22.64 | 23.5 | 0 | | |
| 5 | QPSK | 25 | 0 | 22.37 | 22.51 | 22.55 | 22.53 | 22.60 | | | | |
| 5 | 16QAM | 1 | 0 | 22.27 | 22.29 | 22.61 | 22.52 | 22.55 | | | | |
| 5 | 16QAM | 1 | 12 | 22.50 | 22.39 | 22.55 | 22.52 | 22.61 | | | | |
| 5 | 16QAM | 1 | 24 | 22.27 | 22.38 | 22.52 | 22.49 | 22.61 | | | | |
| 5 | 16QAM | 12 | 0 | 21.37 | 21.42 | 21.59 | 21.46 | 21.67 | 22.5 | 1 | | |
| 5 | 16QAM | 12 | 7 | 21.43 | 21.50 | 21.64 | 21.55 | 21.59 | | | | |
| 5 | 16QAM | 12 | 13 | 21.42 | 21.46 | 21.62 | 21.60 | 21.58 | | | | |
| 5 | 16QAM | 25 | 0 | 21.38 | 21.40 | 21.62 | 21.56 | 21.54 | | | | |
| 5 | 64QAM | 1 | 0 | 21.22 | 21.20 | 21.57 | 21.41 | 21.59 | | | | |
| 5 | 64QAM | 1 | 12 | 21.38 | 21.31 | 21.61 | 21.49 | 21.65 | 22.5 | 1 | | |
| 5 | 64QAM | 1 | 24 | 21.24 | 21.24 | 21.54 | 21.41 | 21.52 | | | | |
| 5 | 64QAM | 12 | 0 | 20.32 | 20.38 | 20.53 | 20.52 | 20.57 | | | | |
| 5 | 64QAM | 12 | 7 | 20.45 | 20.45 | 20.63 | 20.62 | 20.56 | | | | |
| 5 | 64QAM | 12 | 13 | 20.38 | 20.44 | 20.57 | 20.57 | 20.61 | | | | |
| 5 | 64QAM | 25 | 0 | 20.40 | 20.48 | 20.67 | 20.49 | 20.63 | 21.5 | 2 | | |

Band 41_Ant 3

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | | |
|-----------------|------------|---------|-----------|-----------------------|------------------------------|--------------------------|-------------------------------|------------------------|---------------------|----------|-------|---|
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | | | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | | | | |
| 20 | QPSK | 1 | 0 | 22.14 | 22.20 | 22.38 | 22.17 | 22.20 | 24 | 0 | | |
| 20 | QPSK | 1 | 49 | 22.21 | 22.25 | 22.22 | 22.15 | 22.09 | | | | |
| 20 | QPSK | 1 | 99 | 22.12 | 22.18 | 22.26 | 22.25 | 22.09 | | | | |
| 20 | QPSK | 50 | 0 | 22.22 | 22.22 | 22.36 | 22.22 | 22.17 | | | | |
| 20 | QPSK | 50 | 24 | 22.30 | 22.32 | 22.35 | 22.29 | 22.14 | | | | |
| 20 | QPSK | 50 | 50 | 22.30 | 22.28 | 22.32 | 22.25 | 22.13 | 24 | 0 | | |
| 20 | QPSK | 100 | 0 | 22.27 | 22.29 | 22.35 | 22.27 | 22.10 | | | | |
| 20 | 16QAM | 1 | 0 | 22.14 | 22.21 | 22.34 | 22.35 | 22.31 | | | | |
| 20 | 16QAM | 1 | 49 | 22.33 | 22.27 | 22.33 | 22.22 | 22.26 | | | | |
| 20 | 16QAM | 1 | 99 | 22.17 | 22.24 | 22.25 | 22.17 | 22.07 | | | | |
| 20 | 16QAM | 50 | 0 | 21.24 | 21.23 | 21.29 | 21.24 | 21.18 | 23 | 1 | | |
| 20 | 16QAM | 50 | 24 | 21.29 | 21.33 | 21.36 | 21.32 | 21.15 | | | | |
| 20 | 16QAM | 50 | 50 | 21.28 | 21.27 | 21.32 | 21.28 | 21.16 | | | | |
| 20 | 16QAM | 100 | 0 | 21.28 | 21.29 | 21.34 | 21.29 | 21.10 | | | | |
| 20 | 64QAM | 1 | 0 | 21.19 | 21.15 | 21.28 | 21.19 | 21.16 | | | | |
| 20 | 64QAM | 1 | 49 | 21.29 | 21.17 | 21.25 | 21.19 | 21.17 | 23 | 1 | | |
| 20 | 64QAM | 1 | 99 | 21.17 | 21.05 | 21.19 | 21.24 | 20.94 | | | | |
| 20 | 64QAM | 50 | 0 | 20.22 | 20.23 | 20.27 | 20.23 | 20.16 | | | | |
| 20 | 64QAM | 50 | 24 | 20.31 | 20.32 | 20.34 | 20.29 | 20.15 | | | | |
| 20 | 64QAM | 50 | 50 | 20.28 | 20.27 | 20.32 | 20.28 | 20.13 | | | | |
| 20 | 64QAM | 100 | 0 | 20.28 | 20.30 | 20.36 | 20.28 | 20.12 | 22 | 2 | | |
| Channel | | | | 39725 | 40175 | 40620 | 41063 | 41515 | | | | |
| Frequency (MHz) | | | | 2603.5 | 2648.3 | 2693 | 2737.5 | 2682.5 | | | | |
| 15 | QPSK | 1 | 0 | 22.11 | 22.19 | 22.30 | 22.11 | 22.19 | | | 24.00 | 0 |
| 15 | QPSK | 1 | 37 | 22.08 | 22.22 | 22.11 | 22.05 | 21.99 | | | | |
| 15 | QPSK | 1 | 74 | 22.06 | 22.10 | 22.20 | 22.22 | 21.99 | | | | |
| 15 | QPSK | 36 | 0 | 22.17 | 22.16 | 22.31 | 22.19 | 22.0 | | | | |



Reduced Power for DSI 4

| Band 41_Ant 0 | | | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|------------------------------|--------------------------|-------------------------------|------------------------|---------------------|----------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | | |
| 20 | QPSK | 1 | 0 | 20.82 | 20.78 | 21.01 | 20.96 | 20.98 | 22 | 0 |
| 20 | QPSK | 1 | 49 | 20.87 | 20.82 | 20.91 | 20.92 | 20.88 | | |
| 20 | QPSK | 1 | 99 | 20.73 | 20.81 | 20.98 | 20.96 | 20.84 | | |
| 20 | QPSK | 50 | 0 | 19.83 | 19.88 | 19.98 | 19.92 | 19.93 | | |
| 20 | QPSK | 50 | 24 | 19.93 | 19.96 | 19.97 | 19.97 | 19.93 | | |
| 20 | QPSK | 50 | 50 | 19.85 | 19.94 | 19.96 | 19.96 | 19.94 | 21 | 1 |
| 20 | QPSK | 100 | 0 | 19.88 | 19.93 | 19.96 | 19.92 | 19.90 | | |
| 20 | 16QAM | 1 | 0 | 19.76 | 19.74 | 20.00 | 19.99 | 19.96 | | |
| 20 | 16QAM | 1 | 49 | 20.06 | 20.03 | 20.25 | 19.93 | 20.05 | 21 | 1 |
| 20 | 16QAM | 1 | 99 | 19.86 | 19.80 | 20.07 | 19.92 | 19.87 | | |
| 20 | 16QAM | 50 | 0 | 18.85 | 18.86 | 18.93 | 18.91 | 18.94 | | |
| 20 | 16QAM | 50 | 24 | 18.93 | 18.97 | 19.04 | 18.99 | 18.92 | 20 | 2 |
| 20 | 16QAM | 50 | 50 | 18.91 | 18.94 | 19.00 | 18.96 | 18.95 | | |
| 20 | 16QAM | 100 | 0 | 18.93 | 18.95 | 19.00 | 18.99 | 18.92 | | |
| 20 | 64QAM | 1 | 0 | 18.70 | 18.76 | 18.85 | 18.88 | 18.92 | | |
| 20 | 64QAM | 1 | 49 | 18.85 | 18.86 | 19.01 | 18.86 | 18.88 | 20 | 2 |
| 20 | 64QAM | 1 | 99 | 18.68 | 18.67 | 18.93 | 18.93 | 18.84 | | |
| 20 | 64QAM | 50 | 0 | 17.85 | 17.87 | 17.94 | 17.93 | 17.95 | | |
| 20 | 64QAM | 50 | 24 | 17.94 | 17.95 | 18.01 | 18.02 | 17.92 | | |
| 20 | 64QAM | 50 | 50 | 17.89 | 17.95 | 18.00 | 17.97 | 17.97 | 19 | 3 |
| 20 | 64QAM | 100 | 0 | 17.92 | 17.95 | 17.99 | 17.96 | 17.93 | | |
| Channel | | | | 39725 | 40173 | 40620 | 41088 | 41515 | | |
| Frequency (MHz) | | | | 2593.5 | 2648.5 | 2693 | 2637.3 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 20.76 | 20.72 | 20.95 | 20.93 | 20.91 | 22.00 | 0 |
| 15 | QPSK | 1 | 37 | 20.75 | 20.71 | 20.78 | 20.82 | 20.82 | | |
| 15 | QPSK | 1 | 74 | 20.64 | 20.76 | 20.95 | 20.91 | 20.81 | | |
| 15 | QPSK | 36 | 0 | 19.73 | 19.76 | 19.87 | 19.81 | 19.81 | | |
| 15 | QPSK | 36 | 20 | 19.88 | 19.85 | 19.90 | 19.87 | 19.84 | 21 | 1 |
| 15 | QPSK | 36 | 39 | 19.76 | 19.82 | 19.93 | 19.94 | 19.84 | | |
| 15 | QPSK | 75 | 0 | 19.86 | 19.87 | 19.94 | 19.96 | 19.86 | | |
| 15 | 16QAM | 1 | 0 | 19.69 | 19.71 | 19.88 | 19.93 | 19.92 | | |
| 15 | 16QAM | 1 | 37 | 20.03 | 20.01 | 20.19 | 19.91 | 19.93 | 21 | 1 |
| 15 | 16QAM | 1 | 74 | 19.73 | 19.74 | 20.05 | 19.80 | 19.79 | | |
| 15 | 16QAM | 36 | 0 | 18.74 | 18.74 | 18.86 | 18.83 | 18.90 | | |
| 15 | 16QAM | 36 | 20 | 18.82 | 18.93 | 18.93 | 18.95 | 18.82 | 20 | 2 |
| 15 | 16QAM | 36 | 39 | 18.81 | 18.85 | 18.90 | 18.94 | 18.93 | | |
| 15 | 16QAM | 75 | 0 | 18.89 | 18.88 | 18.89 | 18.88 | 18.88 | | |
| 15 | 64QAM | 1 | 0 | 18.59 | 18.68 | 18.77 | 18.87 | 18.80 | | |
| 15 | 64QAM | 1 | 37 | 18.83 | 18.79 | 18.99 | 18.83 | 18.78 | 20 | 2 |
| 15 | 64QAM | 1 | 74 | 18.65 | 18.57 | 18.84 | 18.81 | 18.81 | | |
| 15 | 64QAM | 36 | 0 | 17.76 | 17.76 | 17.88 | 17.80 | 17.89 | | |
| 15 | 64QAM | 36 | 20 | 17.83 | 17.82 | 17.90 | 17.92 | 17.84 | 19 | 3 |
| 15 | 64QAM | 36 | 39 | 17.83 | 17.86 | 17.87 | 17.91 | 17.90 | | |
| 15 | 64QAM | 75 | 0 | 17.83 | 17.89 | 17.93 | 17.93 | 17.89 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | | |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 20.76 | 20.76 | 21.00 | 20.93 | 20.95 | 22.00 | 0 |
| 10 | QPSK | 1 | 25 | 20.81 | 20.76 | 20.88 | 20.84 | 20.79 | | |
| 10 | QPSK | 1 | 49 | 20.66 | 20.78 | 20.95 | 20.91 | 20.79 | | |
| 10 | QPSK | 25 | 0 | 19.72 | 19.75 | 19.90 | 19.88 | 19.91 | | |
| 10 | QPSK | 25 | 12 | 19.86 | 19.88 | 19.95 | 19.95 | 19.84 | 21 | 1 |
| 10 | QPSK | 25 | 25 | 19.72 | 19.82 | 19.98 | 19.94 | 19.86 | | |
| 10 | QPSK | 50 | 0 | 19.75 | 19.84 | 19.87 | 19.92 | 19.87 | | |
| 10 | 16QAM | 1 | 0 | 19.66 | 19.61 | 19.93 | 19.89 | 19.96 | | |
| 10 | 16QAM | 1 | 25 | 19.98 | 19.94 | 20.12 | 19.85 | 19.94 | 21 | 1 |
| 10 | 16QAM | 1 | 49 | 19.82 | 19.78 | 19.96 | 19.79 | 19.79 | | |
| 10 | 16QAM | 25 | 0 | 18.76 | 18.77 | 18.91 | 18.84 | 18.87 | | |
| 10 | 16QAM | 25 | 12 | 18.82 | 18.95 | 18.95 | 18.94 | 18.90 | 20 | 2 |
| 10 | 16QAM | 25 | 25 | 18.80 | 18.83 | 18.87 | 18.91 | 18.85 | | |
| 10 | 16QAM | 50 | 0 | 18.84 | 18.85 | 18.88 | 18.86 | 18.89 | | |
| 10 | 64QAM | 1 | 0 | 18.59 | 18.65 | 18.82 | 18.81 | 18.81 | 20 | 2 |
| 10 | 64QAM | 1 | 25 | 18.83 | 18.75 | 18.94 | 18.91 | 18.85 | | |
| 10 | 64QAM | 1 | 49 | 18.69 | 18.65 | 18.87 | 18.86 | 18.72 | | |
| 10 | 64QAM | 25 | 0 | 17.80 | 17.83 | 17.84 | 17.80 | 17.91 | | |
| 10 | 64QAM | 25 | 12 | 17.88 | 17.88 | 17.96 | 17.97 | 17.87 | 19 | 3 |
| 10 | 64QAM | 25 | 25 | 17.80 | 17.86 | 17.97 | 17.86 | 17.88 | | |
| 10 | 64QAM | 50 | 0 | 17.80 | 17.88 | 17.95 | 17.89 | 17.83 | | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | | |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | | |
| 5 | QPSK | 1 | 0 | 20.77 | 20.72 | 20.93 | 20.90 | 20.92 | 22.00 | 0 |
| 5 | QPSK | 1 | 12 | 20.85 | 20.73 | 20.84 | 20.87 | 20.81 | | |
| 5 | QPSK | 1 | 24 | 20.71 | 20.76 | 20.87 | 20.92 | 20.74 | | |
| 5 | QPSK | 12 | 0 | 19.79 | 19.85 | 19.92 | 19.80 | 19.84 | | |
| 5 | QPSK | 12 | 7 | 19.83 | 19.84 | 19.95 | 19.86 | 19.84 | | |
| 5 | QPSK | 12 | 13 | 19.72 | 19.91 | 19.93 | 19.87 | 19.88 | 21 | 1 |
| 5 | QPSK | 25 | 0 | 19.85 | 19.80 | 19.89 | 19.91 | 19.88 | | |
| 5 | 16QAM | 1 | 0 | 19.68 | 19.70 | 19.91 | 19.96 | 19.88 | | |
| 5 | 16QAM | 1 | 12 | 19.93 | 19.90 | 20.16 | 19.83 | 20.03 | 21 | 1 |
| 5 | 16QAM | 1 | 24 | 19.84 | 19.67 | 20.02 | 19.90 | 19.74 | | |
| 5 | 16QAM | 12 | 0 | 18.81 | 18.83 | 18.90 | 18.79 | 18.88 | | |
| 5 | 16QAM | 12 | 7 | 18.84 | 18.93 | 18.94 | 18.97 | 18.85 | 20 | 2 |
| 5 | 16QAM | 12 | 13 | 18.82 | 18.86 | 18.89 | 18.90 | 18.82 | | |
| 5 | 16QAM | 25 | 0 | 18.82 | 18.82 | 18.90 | 18.92 | 18.88 | | |
| 5 | 64QAM | 1 | 0 | 18.68 | 18.68 | 18.81 | 18.80 | 18.83 | | |
| 5 | 64QAM | 1 | 12 | 18.77 | 18.75 | 18.88 | 18.78 | 18.81 | 20 | 2 |
| 5 | 64QAM | 1 | 24 | 18.66 | 18.57 | 18.80 | 18.82 | 18.77 | | |
| 5 | 64QAM | 12 | 0 | 17.74 | 17.83 | 17.87 | 17.83 | 17.83 | | |
| 5 | 64QAM | 12 | 7 | 17.88 | 17.89 | 17.91 | 17.90 | 17.81 | 19 | 3 |
| 5 | 64QAM | 12 | 13 | 17.77 | 17.83 | 17.87 | 17.82 | 17.87 | | |
| 5 | 64QAM | 25 | 0 | 17.81 | 17.88 | 17.89 | 17.90 | 17.90 | | |

| Band 41_Ant 1 | | | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|------------------------------|--------------------------|-------------------------------|------------------------|---------------------|----------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | | |
| 20 | QPSK | 1 | 0 | 21.70 | 21.61 | 21.78 | 21.56 | 21.49 | 23 | 0 |
| 20 | QPSK | 1 | 49 | 21.62 | 21.62 | 21.63 | 21.46 | 21.36 | | |
| 20 | QPSK | 1 | 99 | 21.38 | 21.56 | 21.74 | 21.46 | 21.47 | | |
| 20 | QPSK | 50 | 0 | 20.67 | 20.62 | 20.76 | 20.52 | 20.40 | | |
| 20 | QPSK | 50 | 24 | 20.71 | 20.73 | 20.74 | 20.60 | 20.39 | 22 | 1 |
| 20 | QPSK | 50 | 50 | 20.71 | 20.67 | 20.73 | 20.54 | 20.40 | | |
| 20 | QPSK | 100 | 0 | 20.71 | 20.68 | 20.74 | 20.57 | 20.37 | | |
| 20 | 16QAM | 1 | 0 | 20.67 | 20.69 | 20.84 | 20.58 | 20.47 | | |
| 20 | 16QAM | 1 | 49 | 20.88 | 21.02 | 20.81 | 20.54 | 20.50 | 22 | 1 |
| 20 | 16QAM | 1 | 99 | 20.65 | 20.47 | 20.68 | 20.48 | 20.28 | | |
| 20 | 16QAM | 50 | 0 | 19.67 | 19.61 | 19.69 | 19.52 | 19.40 | | |
| 20 | 16QAM | 50 | 24 | 19.75 | 19.70 | 19.76 | 19.61 | 19.37 | 21 | 2 |
| 20 | 16QAM | 50 | 50 | 19.72 | 19.69 | 19.73 | 19.55 | 19.43 | | |
| 20 | 16QAM | 100 | 0 | 19.73 | 19.70 | 19.75 | 19.56 | 19.38 | | |
| 20 | 64QAM | 1 | 0 | 19.66 | 19.46 | 19.70 | 19.59 | 19.43 | | |
| 20 | 64QAM | 1 | 49 | 19.63 | 19.56 | 19.75 | 19.47 | 19.30 | 21 | 2 |
| 20 | 64QAM | 1 | 99 | 19.55 | 19.55 | 19.64 | 19.56 | 19.27 | | |
| 20 | 64QAM | 50 | 0 | 18.68 | 18.61 | 18.68 | 18.52 | 18.40 | | |
| 20 | 64QAM | 50 | 24 | 18.73 | 18.69 | 18.74 | 18.61 | 18.38 | 20 | 3 |
| 20 | 64QAM | 50 | 50 | 18.69 | 18.69 | 18.71 | 18.54 | 18.39 | | |
| 20 | 64QAM | | | | | | | | | |



Band 41_Ant 2

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MFR (dB) |
|-----------------|------------|---------|-----------|-----------------------|------------------------------|--------------------------|-------------------------------|------------------------|---------------------|----------|
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | 39750 | 40185 | 40620 | 41055 | 41490 | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | | |
| 20 | QPSK | 1 | 0 | 23.38 | 23.40 | 23.72 | 23.64 | 23.70 | 24.5 | 0 |
| 20 | QPSK | 1 | 49 | 23.36 | 23.42 | 23.63 | 23.59 | 23.70 | | |
| 20 | QPSK | 1 | 99 | 23.31 | 23.45 | 23.66 | 23.61 | 23.64 | 23.5 | 1 |
| 20 | QPSK | 50 | 0 | 22.43 | 22.46 | 22.70 | 22.57 | 22.65 | | |
| 20 | QPSK | 50 | 24 | 22.51 | 22.56 | 22.65 | 22.65 | 22.63 | 23.5 | 1 |
| 20 | QPSK | 50 | 50 | 22.46 | 22.56 | 22.69 | 22.64 | 22.61 | | |
| 20 | QPSK | 100 | 0 | 22.47 | 22.54 | 22.68 | 22.61 | 22.65 | 23.5 | 1 |
| 20 | 16QAM | 1 | 0 | 22.40 | 22.38 | 22.65 | 22.63 | 22.74 | | |
| 20 | 16QAM | 1 | 49 | 22.55 | 22.48 | 22.76 | 22.65 | 22.79 | 23.5 | 1 |
| 20 | 16QAM | 1 | 99 | 22.35 | 22.32 | 22.67 | 22.63 | 22.62 | | |
| 20 | 16QAM | 50 | 0 | 21.42 | 21.45 | 21.72 | 21.57 | 21.70 | 22.5 | 2 |
| 20 | 16QAM | 50 | 24 | 21.52 | 21.58 | 21.73 | 21.68 | 21.69 | | |
| 20 | 16QAM | 50 | 50 | 21.46 | 21.54 | 21.71 | 21.65 | 21.71 | 22.5 | 2 |
| 20 | 16QAM | 100 | 0 | 21.48 | 21.56 | 21.71 | 21.65 | 21.66 | | |
| 20 | 64QAM | 1 | 0 | 21.37 | 21.32 | 21.62 | 21.49 | 21.54 | 22.5 | 2 |
| 20 | 64QAM | 1 | 49 | 21.44 | 21.36 | 21.68 | 21.46 | 21.71 | | |
| 20 | 64QAM | 1 | 99 | 21.28 | 21.28 | 21.65 | 21.53 | 21.53 | 21.5 | 3 |
| 20 | 64QAM | 50 | 0 | 20.42 | 20.45 | 20.62 | 20.57 | 20.69 | | |
| 20 | 64QAM | 50 | 24 | 20.52 | 20.57 | 20.72 | 20.67 | 20.69 | 21.5 | 3 |
| 20 | 64QAM | 50 | 50 | 20.47 | 20.52 | 20.70 | 20.63 | 20.74 | | |
| 20 | 64QAM | 100 | 0 | 20.50 | 20.56 | 20.69 | 20.64 | 20.64 | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit (dBm) | MFR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.3 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 23.32 | 23.36 | 23.71 | 23.60 | 23.65 | 24.50 | 0 |
| 15 | QPSK | 1 | 37 | 23.29 | 23.37 | 23.51 | 23.54 | 23.67 | | |
| 15 | QPSK | 1 | 74 | 23.29 | 23.38 | 23.55 | 23.57 | 23.53 | 23.5 | 1 |
| 15 | QPSK | 36 | 0 | 22.38 | 22.41 | 22.63 | 22.46 | 22.58 | | |
| 15 | QPSK | 36 | 20 | 22.46 | 22.45 | 22.59 | 22.55 | 22.59 | 23.5 | 1 |
| 15 | QPSK | 36 | 39 | 22.38 | 22.44 | 22.67 | 22.62 | 22.54 | | |
| 15 | QPSK | 75 | 0 | 22.45 | 22.41 | 22.64 | 22.52 | 22.61 | 23.5 | 1 |
| 15 | 16QAM | 1 | 0 | 22.29 | 22.27 | 22.61 | 22.58 | 22.67 | | |
| 15 | 16QAM | 1 | 37 | 22.46 | 22.39 | 22.72 | 22.55 | 22.77 | 23.5 | 1 |
| 15 | 16QAM | 1 | 74 | 22.23 | 22.23 | 22.54 | 22.56 | 22.53 | | |
| 15 | 16QAM | 36 | 0 | 21.29 | 21.37 | 21.59 | 21.59 | 21.66 | 22.5 | 2 |
| 15 | 16QAM | 36 | 20 | 21.46 | 21.49 | 21.67 | 21.58 | 21.66 | | |
| 15 | 16QAM | 36 | 39 | 21.33 | 21.42 | 21.58 | 21.58 | 21.68 | 22.5 | 2 |
| 15 | 16QAM | 75 | 0 | 21.39 | 21.49 | 21.61 | 21.59 | 21.61 | | |
| 15 | 64QAM | 1 | 0 | 21.34 | 21.19 | 21.54 | 21.44 | 21.52 | 22.5 | 2 |
| 15 | 64QAM | 1 | 37 | 21.37 | 21.32 | 21.56 | 21.36 | 21.61 | | |
| 15 | 64QAM | 1 | 74 | 21.23 | 21.20 | 21.57 | 21.42 | 21.50 | 21.5 | 3 |
| 15 | 64QAM | 36 | 0 | 20.30 | 20.37 | 20.54 | 20.45 | 20.65 | | |
| 15 | 64QAM | 36 | 20 | 20.50 | 20.44 | 20.59 | 20.64 | 20.58 | 21.5 | 3 |
| 15 | 64QAM | 36 | 39 | 20.34 | 20.39 | 20.67 | 20.59 | 20.68 | | |
| 15 | 64QAM | 75 | 0 | 20.41 | 20.45 | 20.60 | 20.57 | 20.53 | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) | MFR (dB) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 23.33 | 23.34 | 23.69 | 23.57 | 23.64 | 24.50 | 0 |
| 10 | QPSK | 1 | 25 | 23.26 | 23.37 | 23.52 | 23.49 | 23.64 | | |
| 10 | QPSK | 1 | 49 | 23.29 | 23.34 | 23.62 | 23.55 | 23.62 | 23.5 | 1 |
| 10 | QPSK | 25 | 0 | 22.40 | 22.41 | 22.66 | 22.51 | 22.59 | | |
| 10 | QPSK | 25 | 12 | 22.44 | 22.50 | 22.63 | 22.54 | 22.51 | 23.5 | 1 |
| 10 | QPSK | 25 | 25 | 22.35 | 22.46 | 22.57 | 22.50 | 22.50 | | |
| 10 | QPSK | 50 | 0 | 22.44 | 22.47 | 22.61 | 22.56 | 22.62 | 23.5 | 1 |
| 10 | 16QAM | 1 | 0 | 22.36 | 22.25 | 22.61 | 22.56 | 22.68 | | |
| 10 | 16QAM | 1 | 25 | 22.49 | 22.35 | 22.64 | 22.53 | 22.69 | 23.5 | 1 |
| 10 | 16QAM | 1 | 49 | 22.27 | 22.27 | 22.54 | 22.60 | 22.57 | | |
| 10 | 16QAM | 25 | 0 | 21.33 | 21.33 | 21.67 | 21.49 | 21.65 | 22.5 | 2 |
| 10 | 16QAM | 25 | 12 | 21.43 | 21.48 | 21.61 | 21.61 | 21.59 | | |
| 10 | 16QAM | 25 | 25 | 21.35 | 21.46 | 21.62 | 21.58 | 21.59 | 22.5 | 2 |
| 10 | 16QAM | 50 | 0 | 21.39 | 21.47 | 21.59 | 21.55 | 21.56 | | |
| 10 | 64QAM | 1 | 0 | 21.27 | 21.23 | 21.56 | 21.40 | 21.44 | 22.5 | 2 |
| 10 | 64QAM | 1 | 25 | 21.40 | 21.27 | 21.56 | 21.42 | 21.59 | | |
| 10 | 64QAM | 1 | 49 | 21.20 | 21.15 | 21.56 | 21.46 | 21.50 | 21.5 | 3 |
| 10 | 64QAM | 25 | 0 | 20.29 | 20.39 | 20.52 | 20.53 | 20.67 | | |
| 10 | 64QAM | 25 | 12 | 20.44 | 20.48 | 20.59 | 20.57 | 20.59 | 21.5 | 3 |
| 10 | 64QAM | 25 | 25 | 20.41 | 20.40 | 20.66 | 20.50 | 20.70 | | |
| 10 | 64QAM | 50 | 0 | 20.41 | 20.52 | 20.63 | 20.51 | 20.55 | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit (dBm) | MFR (dB) |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | | |
| 5 | QPSK | 1 | 0 | 23.36 | 23.38 | 23.65 | 23.63 | 23.63 | 24.50 | 0 |
| 5 | QPSK | 1 | 12 | 23.23 | 23.34 | 23.51 | 23.49 | 23.61 | | |
| 5 | QPSK | 1 | 24 | 23.27 | 23.38 | 23.60 | 23.49 | 23.54 | 23.5 | 1 |
| 5 | QPSK | 12 | 0 | 22.34 | 22.34 | 22.65 | 22.55 | 22.57 | | |
| 5 | QPSK | 12 | 7 | 22.38 | 22.54 | 22.63 | 22.60 | 22.61 | 23.5 | 1 |
| 5 | QPSK | 12 | 13 | 22.44 | 22.45 | 22.63 | 22.55 | 22.55 | | |
| 5 | QPSK | 25 | 0 | 22.34 | 22.49 | 22.65 | 22.50 | 22.58 | 23.5 | 1 |
| 5 | 16QAM | 1 | 0 | 22.32 | 22.33 | 22.56 | 22.56 | 22.68 | | |
| 5 | 16QAM | 1 | 12 | 22.53 | 22.36 | 22.66 | 22.62 | 22.69 | 23.5 | 1 |
| 5 | 16QAM | 1 | 24 | 22.28 | 22.25 | 22.55 | 22.60 | 22.50 | | |
| 5 | 16QAM | 12 | 0 | 21.36 | 21.33 | 21.62 | 21.49 | 21.59 | 22.5 | 2 |
| 5 | 16QAM | 12 | 7 | 21.48 | 21.56 | 21.71 | 21.62 | 21.64 | | |
| 5 | 16QAM | 12 | 13 | 21.43 | 21.52 | 21.67 | 21.54 | 21.60 | 22.5 | 2 |
| 5 | 16QAM | 25 | 0 | 21.35 | 21.46 | 21.63 | 21.55 | 21.64 | | |
| 5 | 64QAM | 1 | 0 | 21.26 | 21.29 | 21.49 | 21.40 | 21.47 | 22.5 | 2 |
| 5 | 64QAM | 1 | 12 | 21.32 | 21.29 | 21.62 | 21.43 | 21.68 | | |
| 5 | 64QAM | 1 | 24 | 21.25 | 21.16 | 21.52 | 21.44 | 21.51 | 21.5 | 3 |
| 5 | 64QAM | 12 | 0 | 20.35 | 20.38 | 20.52 | 20.49 | 20.62 | | |
| 5 | 64QAM | 12 | 7 | 20.43 | 20.45 | 20.67 | 20.63 | 20.61 | 21.5 | 3 |
| 5 | 64QAM | 12 | 13 | 20.39 | 20.49 | 20.67 | 20.59 | 20.63 | | |
| 5 | 64QAM | 25 | 0 | 20.38 | 20.54 | 20.57 | 20.57 | 20.55 | | |

Band 41_Ant 3

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MFR (dB) |
|-----------------|------------|---------|-----------|-----------------------|------------------------------|--------------------------|-------------------------------|------------------------|---------------------|----------|
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | 39750 | 40185 | 40620 | 41055 | 41490 | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | | |
| 20 | QPSK | 1 | 0 | 23.11 | 23.11 | 23.39 | 23.24 | 23.25 | 25 | 0 |
| 20 | QPSK | 1 | 49 | 23.22 | 23.22 | 23.28 | 23.24 | 23.10 | | |
| 20 | QPSK | 1 | 99 | 23.19 | 23.19 | 23.33 | 23.20 | 23.01 | 24 | 1 |
| 20 | QPSK | 50 | 0 | 22.22 | 22.22 | 22.34 | 22.23 | 22.13 | | |
| 20 | QPSK | 50 | 24 | 22.33 | 22.33 | 22.32 | 22.29 | 22.13 | 24 | 1 |
| 20 | QPSK | 50 | 50 | 22.26 | 22.26 | 22.32 | 22.26 | 22.12 | | |
| 20 | QPSK | 100 | 0 | 22.30 | 22.30 | 22.33 | 22.27 | 22.08 | 24 | 1 |
| 20 | 16QAM | 1 | 0 | 22.14 | 22.14 | 22.32 | 22.28 | 22.32 | | |
| 20 | 16QAM | 1 | 49 | 22.26 | 22.26 | 22.45 | 22.41 | 22.33 | 24 | 1 |
| 20 | 16QAM | 1 | 99 | 22.19 | 22.19 | 22.21 | 22.29 | 22.04 | | |
| 20 | 16QAM | 50 | 0 | 21.26 | 21.26 | 21.29 | 21.24 | 21.16 | 23 | 2 |
| 20 | 16QAM | 50 | 24 | 21.34 | 21.34 | 21.35 | 21.29 | 21.14 | | |
| 20 | 16QAM | 50 | 50 | 21.28 | 21.28 | 21.34 | 21.29 | 21.14 | 23 | 2 |
| 20 | 16QAM | 100 | 0 | 21.29 | 21.29 | 21.33 | 21.28 | 21.10 | | |
| 20 | 64QAM | 1 | 0 | 21.08 | 21.08 | 21.28 | 21.24 | 21.20 | 23 | 2 |
| 20 | 64QAM | 1 | 49 | 21.24 | 21.24 | 21.36 | 21.14 | 21.11 | | |
| 20 | 64QAM | 1 | 99 | 21.17 | 21.17 | 21.13 | 21.12 | 20.99 | 22 | 3 |
| 20 | 64QAM | 50 | 0 | 20.26 | 20.26 | 20.27 | 20.22 | 20.15 | | |
| 20 | 64QAM | 50 | 24 | 20.34 | 20.34 | 20.35 | 20.30 | 20.12 | 22 | 3 |
| 20 | 6 | | | | | | | | | |



Reduced Power for DSI 5

| Band 41_Ant 0 | | | | | | | | | | |
|-----------------|------------|---------|-----------|---------------------|----------------------------|------------------------|-----------------------------|----------------------|---------------------|----------|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch / Freq | Power Low Middle Ch / Freq | Power Middle Ch / Freq | Power High Middle Ch / Freq | Power High Ch / Freq | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 39750 | 40165 | 40620 | 41055 | 41490 | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | | |
| 20 | QPSK | 1 | 0 | 18.72 | 18.79 | 19.03 | 18.96 | 19.00 | 20 | 0 |
| 20 | QPSK | 1 | 49 | 18.76 | 18.78 | 18.93 | 18.92 | 18.94 | | |
| 20 | QPSK | 1 | 99 | 18.68 | 18.70 | 18.98 | 18.88 | 18.95 | | |
| 20 | QPSK | 50 | 0 | 18.74 | 18.81 | 19.01 | 18.94 | 18.94 | | |
| 20 | QPSK | 50 | 24 | 18.87 | 18.92 | 19.00 | 18.92 | 18.94 | 20 | 0 |
| 20 | QPSK | 50 | 50 | 18.83 | 18.88 | 18.99 | 18.97 | 18.96 | | |
| 20 | QPSK | 100 | 0 | 18.84 | 18.90 | 18.98 | 18.97 | 18.92 | | |
| 20 | 16QAM | 1 | 0 | 18.63 | 18.78 | 18.90 | 19.01 | 18.99 | 20 | 0 |
| 20 | 16QAM | 1 | 49 | 19.01 | 19.00 | 19.01 | 18.95 | 18.95 | | |
| 20 | 16QAM | 1 | 99 | 18.70 | 18.81 | 18.88 | 18.92 | 18.78 | | |
| 20 | 16QAM | 50 | 0 | 18.79 | 18.84 | 18.93 | 18.93 | 18.95 | | |
| 20 | 16QAM | 50 | 24 | 18.86 | 18.93 | 19.02 | 19.01 | 18.93 | | |
| 20 | 16QAM | 50 | 50 | 18.83 | 18.93 | 18.98 | 18.99 | 18.97 | 20 | 0 |
| 20 | 16QAM | 100 | 0 | 18.85 | 18.94 | 18.99 | 18.99 | 18.93 | | |
| 20 | 64QAM | 1 | 0 | 18.56 | 18.70 | 18.96 | 18.94 | 18.95 | | |
| 20 | 64QAM | 1 | 49 | 18.80 | 18.77 | 18.82 | 18.86 | 18.93 | 20 | 0 |
| 20 | 64QAM | 1 | 99 | 18.65 | 18.74 | 18.94 | 18.87 | 18.82 | | |
| 20 | 64QAM | 50 | 0 | 17.77 | 17.84 | 17.93 | 17.93 | 17.95 | | |
| 20 | 64QAM | 50 | 24 | 17.85 | 17.95 | 18.02 | 18.01 | 17.93 | | |
| 20 | 64QAM | 50 | 50 | 17.83 | 17.95 | 17.96 | 17.98 | 17.95 | 19 | 1 |
| 20 | 64QAM | 100 | 0 | 17.84 | 17.95 | 17.99 | 17.97 | 17.91 | | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | | |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 18.68 | 18.75 | 18.96 | 18.92 | 18.95 | 20.00 | 0 |
| 15 | QPSK | 1 | 37 | 18.74 | 18.75 | 18.90 | 18.83 | 18.91 | | |
| 15 | QPSK | 1 | 74 | 18.59 | 18.60 | 18.94 | 18.86 | 18.90 | | |
| 15 | QPSK | 36 | 0 | 18.70 | 18.69 | 18.98 | 18.83 | 18.90 | | |
| 15 | QPSK | 36 | 20 | 18.74 | 18.88 | 18.92 | 18.88 | 18.92 | 20 | 0 |
| 15 | QPSK | 36 | 39 | 18.77 | 18.79 | 18.92 | 18.90 | 18.83 | | |
| 15 | QPSK | 75 | 0 | 18.74 | 18.78 | 18.94 | 18.93 | 18.90 | | |
| 15 | 16QAM | 1 | 0 | 18.61 | 18.69 | 18.87 | 18.96 | 18.87 | | |
| 15 | 16QAM | 1 | 37 | 18.92 | 18.95 | 18.98 | 18.87 | 18.87 | 20 | 0 |
| 15 | 16QAM | 1 | 74 | 18.63 | 18.70 | 18.84 | 18.79 | 18.88 | | |
| 15 | 16QAM | 36 | 0 | 18.67 | 18.74 | 18.84 | 18.89 | 18.88 | | |
| 15 | 16QAM | 36 | 20 | 18.76 | 18.82 | 18.90 | 18.90 | 18.91 | 20 | 0 |
| 15 | 16QAM | 36 | 39 | 18.72 | 18.84 | 18.85 | 18.90 | 18.95 | | |
| 15 | 16QAM | 75 | 0 | 18.63 | 18.92 | 18.92 | 18.86 | 18.82 | | |
| 15 | 64QAM | 1 | 0 | 18.48 | 18.67 | 18.82 | 18.82 | 18.90 | 20 | 0 |
| 15 | 64QAM | 1 | 37 | 18.73 | 18.65 | 18.80 | 18.83 | 18.95 | | |
| 15 | 64QAM | 1 | 74 | 18.56 | 18.63 | 18.85 | 18.78 | 18.77 | | |
| 15 | 64QAM | 36 | 0 | 17.75 | 17.72 | 17.83 | 17.84 | 17.91 | | |
| 15 | 64QAM | 36 | 20 | 17.73 | 17.83 | 17.93 | 17.90 | 17.85 | 19 | 1 |
| 15 | 64QAM | 36 | 39 | 17.72 | 17.84 | 17.90 | 17.86 | 17.91 | | |
| 15 | 64QAM | 75 | 0 | 17.77 | 17.89 | 17.93 | 17.85 | 17.80 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | | |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 18.66 | 18.77 | 18.96 | 18.94 | 18.99 | 20.00 | 0 |
| 10 | QPSK | 1 | 25 | 18.68 | 18.71 | 18.83 | 18.89 | 18.84 | | |
| 10 | QPSK | 1 | 49 | 18.57 | 18.64 | 18.92 | 18.78 | 18.88 | | |
| 10 | QPSK | 25 | 0 | 18.66 | 18.72 | 18.97 | 18.91 | 18.91 | | |
| 10 | QPSK | 25 | 12 | 18.85 | 18.79 | 18.94 | 18.87 | 18.94 | 20 | 0 |
| 10 | QPSK | 25 | 25 | 18.72 | 18.82 | 18.91 | 18.89 | 18.91 | | |
| 10 | QPSK | 50 | 0 | 18.79 | 18.80 | 18.88 | 18.84 | 18.88 | | |
| 10 | 16QAM | 1 | 0 | 18.55 | 18.75 | 18.85 | 18.99 | 18.90 | 20 | 0 |
| 10 | 16QAM | 1 | 25 | 18.95 | 18.92 | 18.94 | 18.89 | 18.92 | | |
| 10 | 16QAM | 1 | 49 | 18.60 | 18.74 | 18.78 | 18.84 | 18.68 | | |
| 10 | 16QAM | 25 | 0 | 18.71 | 18.77 | 18.82 | 18.85 | 18.90 | 20 | 0 |
| 10 | 16QAM | 25 | 12 | 18.79 | 18.91 | 18.90 | 18.80 | 18.87 | | |
| 10 | 16QAM | 25 | 25 | 18.71 | 18.85 | 18.96 | 18.91 | 18.94 | | |
| 10 | 16QAM | 50 | 0 | 18.79 | 18.85 | 18.97 | 18.95 | 18.96 | | |
| 10 | 64QAM | 1 | 0 | 18.50 | 18.65 | 18.93 | 18.84 | 18.86 | 20 | 0 |
| 10 | 64QAM | 1 | 25 | 18.67 | 18.72 | 18.80 | 18.76 | 18.91 | | |
| 10 | 64QAM | 1 | 49 | 18.55 | 18.69 | 18.89 | 18.85 | 18.79 | | |
| 10 | 64QAM | 25 | 0 | 17.68 | 17.73 | 17.82 | 17.83 | 17.92 | | |
| 10 | 64QAM | 25 | 12 | 17.72 | 17.82 | 17.92 | 17.89 | 17.91 | 19 | 1 |
| 10 | 64QAM | 25 | 25 | 17.73 | 17.93 | 17.89 | 17.91 | 17.88 | | |
| 10 | 64QAM | 50 | 0 | 17.60 | 17.82 | 17.87 | 17.85 | 17.86 | | |
| Channel | | | | 3975 | 40148 | 40620 | 41093 | 41555 | | |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | | |
| 5 | QPSK | 1 | 0 | 18.70 | 18.78 | 18.96 | 18.92 | 18.99 | 20.00 | 0 |
| 5 | QPSK | 1 | 12 | 18.65 | 18.76 | 18.85 | 18.82 | 18.90 | | |
| 5 | QPSK | 1 | 24 | 18.61 | 18.59 | 18.96 | 18.86 | 18.87 | | |
| 5 | QPSK | 12 | 0 | 18.68 | 18.74 | 18.91 | 18.83 | 18.86 | | |
| 5 | QPSK | 12 | 7 | 18.83 | 18.80 | 18.94 | 18.80 | 18.91 | 20 | 0 |
| 5 | QPSK | 12 | 13 | 18.70 | 18.80 | 18.87 | 18.90 | 18.85 | | |
| 5 | QPSK | 25 | 0 | 18.80 | 18.82 | 18.95 | 18.87 | 18.87 | | |
| 5 | 16QAM | 1 | 0 | 18.57 | 18.69 | 18.77 | 18.99 | 18.88 | 20 | 0 |
| 5 | 16QAM | 1 | 12 | 18.90 | 18.96 | 18.92 | 18.82 | 18.83 | | |
| 5 | 16QAM | 1 | 24 | 18.64 | 18.69 | 18.82 | 18.88 | 18.69 | | |
| 5 | 16QAM | 12 | 0 | 18.66 | 18.72 | 18.82 | 18.91 | 18.82 | | |
| 5 | 16QAM | 12 | 7 | 18.74 | 18.91 | 18.92 | 18.94 | 18.80 | 20 | 0 |
| 5 | 16QAM | 12 | 13 | 18.79 | 18.88 | 18.94 | 18.94 | 18.91 | | |
| 5 | 16QAM | 25 | 0 | 18.81 | 18.92 | 18.91 | 18.90 | 18.81 | | |
| 5 | 64QAM | 1 | 0 | 18.50 | 18.60 | 18.91 | 18.91 | 18.86 | | |
| 5 | 64QAM | 1 | 12 | 18.77 | 18.69 | 18.76 | 18.82 | 18.83 | 20 | 0 |
| 5 | 64QAM | 1 | 24 | 18.53 | 18.67 | 18.82 | 18.80 | 18.69 | | |
| 5 | 64QAM | 12 | 0 | 17.72 | 17.77 | 17.91 | 17.91 | 17.91 | 19 | 1 |
| 5 | 64QAM | 12 | 7 | 17.79 | 17.90 | 17.92 | 17.91 | 17.85 | | |
| 5 | 64QAM | 12 | 13 | 17.74 | 17.84 | 17.85 | 17.91 | 17.84 | | |
| 5 | 64QAM | 25 | 0 | 17.72 | 17.91 | 17.88 | 17.85 | 17.84 | | |

| Band 41_Ant 1 | | | | | | | | | | |
|-----------------|------------|---------|-----------|---------------------|----------------------------|------------------------|-----------------------------|----------------------|---------------------|----------|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch / Freq | Power Low Middle Ch / Freq | Power Middle Ch / Freq | Power High Middle Ch / Freq | Power High Ch / Freq | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 39750 | 40165 | 40620 | 41055 | 41490 | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | | |
| 20 | QPSK | 1 | 0 | 18.14 | 18.08 | 18.26 | 18.05 | 15.92 | 17.5 | 0 |
| 20 | QPSK | 1 | 49 | 18.11 | 18.12 | 18.13 | 15.95 | 15.81 | | |
| 20 | QPSK | 1 | 99 | 15.99 | 16.10 | 16.14 | 15.97 | 15.81 | | |
| 20 | QPSK | 50 | 0 | 16.16 | 16.13 | 16.24 | 16.01 | 15.87 | | |
| 20 | QPSK | 50 | 24 | 16.23 | 16.20 | 16.16 | 16.10 | 15.87 | 17.5 | 0 |
| 20 | QPSK | 50 | 50 | 16.20 | 16.21 | 16.21 | 16.02 | 15.90 | | |
| 20 | QPSK | 100 | 0 | 16.19 | 16.18 | 16.23 | 16.06 | 15.86 | | |
| 20 | 16QAM | 1 | 0 | 16.10 | 16.13 | 16.18 | 16.04 | 15.94 | 17.5 | 0 |
| 20 | 16QAM | 1 | 49 | 16.18 | 16.15 | 16.21 | 16.21 | 16.15 | | |
| 20 | 16QAM | 1 | 99 | 16.12 | 16.07 | 16.15 | 15.97 | 15.79 | | |
| 20 | 16QAM | 50 | 0 | 16.19 | 16.13 | 16.16 | 16.03 | 15.89 | | |
| 20 | 16QAM | 50 | 24 | 16.25 | 16.20 | 16.20 | 16.09 | 15.89 | | |
| 20 | 16QAM | 50 | 50 | 16.22 | 16.20 | 16.19 | 16.05 | 15.92 | 17.5 | 0 |
| 20 | 16QAM | 100 | 0 | 16.21 | 16.18 | 16.21 | 16.07 | 15.86 | | |
| 20 | 64QAM | 1 | 0 | 16.01 | 16.10 | 16.12 | 16.04 | 15.87 | | |
| 20 | 64QAM | 1 | 49 | 16.10 | 16.18 | 16.08 | 15.96 | 15.88 | 17.5 | 0 |
| 20 | 64QAM | 1 | 99 | 16.00 | 15.88 | 16.16 | 15.93 | 15.79 | | |
| 20 | 64QAM | 50 | 0 | 16.19 | 16.11 | 16.16 | 16.04 | 15.92 | | |
| 20 | 64QAM | 50 | 24 | 16.25 | 16.19 | 16.23 | 16.09 | 15.88 | | |
| 20 | 64QAM | 50 | 50 | 16.20 | 16.21 | 16.22 | 16.03 | 15.91 | 17.5 | 0 |
| 20 | 64QAM | 10 | | | | | | | | |



| Band 41_Ant 2 | | | | | | | | | | |
|-----------------|------------|---------|-----------|---------------------|----------------------------|------------------------|-----------------------------|----------------------|---------------------|----------|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch / Freq | Power Low Middle Ch / Freq | Power Middle Ch / Freq | Power High Middle Ch / Freq | Power High Ch / Freq | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 39790 | 40185 | 40620 | 41055 | 41490 | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | | |
| 20 | QPSK | 1 | 0 | 22.32 | 22.42 | 22.70 | 22.55 | 22.69 | 23.5 | 0 |
| 20 | QPSK | 1 | 49 | 22.42 | 22.47 | 22.59 | 22.56 | 22.63 | | |
| 20 | QPSK | 1 | 99 | 22.32 | 22.46 | 22.65 | 22.61 | 22.58 | | |
| 20 | QPSK | 50 | 0 | 22.39 | 22.45 | 22.69 | 22.55 | 22.68 | | |
| 20 | QPSK | 50 | 24 | 22.49 | 22.56 | 22.67 | 22.65 | 22.66 | | |
| 20 | QPSK | 50 | 50 | 22.44 | 22.53 | 22.68 | 22.61 | 22.68 | | |
| 20 | QPSK | 100 | 0 | 22.47 | 22.55 | 22.68 | 22.61 | 22.64 | | |
| 20 | 16QAM | 1 | 0 | 22.34 | 22.39 | 22.67 | 22.59 | 22.67 | | |
| 20 | 16QAM | 1 | 49 | 22.60 | 22.45 | 22.65 | 22.55 | 22.65 | | |
| 20 | 16QAM | 1 | 99 | 22.34 | 22.44 | 22.62 | 22.54 | 22.67 | | |
| 20 | 16QAM | 50 | 0 | 21.42 | 21.45 | 21.63 | 21.56 | 21.69 | | |
| 20 | 16QAM | 50 | 24 | 21.50 | 21.54 | 21.70 | 21.63 | 21.67 | | |
| 20 | 16QAM | 50 | 50 | 21.45 | 21.51 | 21.68 | 21.63 | 21.71 | | |
| 20 | 16QAM | 100 | 0 | 21.48 | 21.53 | 21.68 | 21.63 | 21.66 | | |
| 20 | 64QAM | 1 | 0 | 21.31 | 21.31 | 21.62 | 21.48 | 21.66 | | |
| 20 | 64QAM | 1 | 49 | 21.44 | 21.36 | 21.64 | 21.61 | 21.74 | | |
| 20 | 64QAM | 1 | 99 | 21.30 | 21.34 | 21.56 | 21.52 | 21.65 | | |
| 20 | 64QAM | 50 | 0 | 20.37 | 20.45 | 20.63 | 20.54 | 20.70 | | |
| 20 | 64QAM | 50 | 24 | 20.51 | 20.56 | 20.70 | 20.64 | 20.65 | | |
| 20 | 64QAM | 50 | 50 | 20.48 | 20.52 | 20.67 | 20.61 | 20.71 | | |
| 20 | 64QAM | 100 | 0 | 20.48 | 20.54 | 20.69 | 20.61 | 20.65 | | |
| Channel | | | | 39725 | 40173 | 40620 | 41088 | 41515 | | |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 22.26 | 22.35 | 22.64 | 22.48 | 22.67 | 23.50 | 0 |
| 15 | QPSK | 1 | 37 | 22.34 | 22.40 | 22.52 | 22.52 | 22.56 | | |
| 15 | QPSK | 1 | 74 | 22.30 | 22.42 | 22.63 | 22.54 | 22.46 | | |
| 15 | QPSK | 36 | 0 | 22.31 | 22.43 | 22.61 | 22.51 | 22.63 | | |
| 15 | QPSK | 36 | 20 | 22.44 | 22.51 | 22.59 | 22.62 | 22.57 | | |
| 15 | QPSK | 36 | 39 | 22.32 | 22.44 | 22.62 | 22.59 | 22.56 | | |
| 15 | QPSK | 75 | 0 | 22.36 | 22.49 | 22.55 | 22.49 | 22.52 | | |
| 15 | 16QAM | 1 | 0 | 22.28 | 22.34 | 22.54 | 22.51 | 22.55 | | |
| 15 | 16QAM | 1 | 37 | 22.51 | 22.33 | 22.57 | 22.48 | 22.61 | | |
| 15 | 16QAM | 1 | 74 | 22.23 | 22.42 | 22.56 | 22.52 | 22.63 | | |
| 15 | 16QAM | 36 | 0 | 21.31 | 21.36 | 21.55 | 21.49 | 21.67 | | |
| 15 | 16QAM | 36 | 20 | 21.47 | 21.46 | 21.57 | 21.56 | 21.59 | | |
| 15 | 16QAM | 36 | 39 | 21.35 | 21.40 | 21.64 | 21.59 | 21.68 | | |
| 15 | 16QAM | 75 | 0 | 21.44 | 21.40 | 21.59 | 21.61 | 21.62 | | |
| 15 | 64QAM | 1 | 0 | 21.23 | 21.25 | 21.51 | 21.37 | 21.62 | | |
| 15 | 64QAM | 1 | 37 | 21.31 | 21.23 | 21.60 | 21.52 | 21.64 | | |
| 15 | 64QAM | 1 | 74 | 21.26 | 21.27 | 21.44 | 21.46 | 21.57 | | |
| 15 | 64QAM | 36 | 0 | 20.25 | 20.40 | 20.54 | 20.41 | 20.68 | | |
| 15 | 64QAM | 36 | 20 | 20.49 | 20.52 | 20.68 | 20.55 | 20.54 | | |
| 15 | 64QAM | 36 | 39 | 20.42 | 20.42 | 20.59 | 20.52 | 20.58 | | |
| 15 | 64QAM | 75 | 0 | 20.40 | 20.52 | 20.61 | 20.49 | 20.57 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | | |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 22.31 | 22.37 | 22.65 | 22.53 | 22.64 | 23.50 | 0 |
| 10 | QPSK | 1 | 25 | 22.36 | 22.34 | 22.52 | 22.47 | 22.61 | | |
| 10 | QPSK | 1 | 49 | 22.26 | 22.42 | 22.56 | 22.52 | 22.47 | | |
| 10 | QPSK | 25 | 0 | 22.27 | 22.39 | 22.58 | 22.46 | 22.56 | | |
| 10 | QPSK | 25 | 12 | 22.39 | 22.51 | 22.54 | 22.60 | 22.61 | | |
| 10 | QPSK | 25 | 25 | 22.38 | 22.51 | 22.64 | 22.48 | 22.55 | | |
| 10 | QPSK | 50 | 0 | 22.38 | 22.53 | 22.62 | 22.48 | 22.54 | | |
| 10 | 16QAM | 1 | 0 | 22.31 | 22.37 | 22.65 | 22.57 | 22.60 | | |
| 10 | 16QAM | 1 | 25 | 22.52 | 22.43 | 22.56 | 22.49 | 22.62 | | |
| 10 | 16QAM | 1 | 49 | 22.30 | 22.33 | 22.49 | 22.43 | 22.63 | | |
| 10 | 16QAM | 25 | 0 | 21.35 | 21.42 | 21.50 | 21.45 | 21.56 | | |
| 10 | 16QAM | 25 | 12 | 21.37 | 21.43 | 21.67 | 21.57 | 21.58 | | |
| 10 | 16QAM | 25 | 25 | 21.40 | 21.48 | 21.56 | 21.60 | 21.63 | | |
| 10 | 16QAM | 50 | 0 | 21.40 | 21.47 | 21.63 | 21.51 | 21.64 | | |
| 10 | 64QAM | 1 | 0 | 21.20 | 21.26 | 21.50 | 21.40 | 21.58 | | |
| 10 | 64QAM | 1 | 25 | 21.37 | 21.34 | 21.55 | 21.49 | 21.63 | | |
| 10 | 64QAM | 1 | 49 | 21.17 | 21.24 | 21.44 | 21.49 | 21.57 | | |
| 10 | 64QAM | 25 | 0 | 20.29 | 20.41 | 20.52 | 20.41 | 20.57 | | |
| 10 | 64QAM | 25 | 12 | 20.45 | 20.49 | 20.61 | 20.59 | 20.60 | | |
| 10 | 64QAM | 25 | 25 | 20.45 | 20.45 | 20.65 | 20.55 | 20.62 | | |
| 10 | 64QAM | 50 | 0 | 20.40 | 20.43 | 20.65 | 20.49 | 20.62 | | |
| Channel | | | | 39975 | 40148 | 40620 | 41093 | 41555 | | |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | | |
| 5 | QPSK | 1 | 0 | 22.29 | 22.38 | 22.64 | 22.47 | 22.68 | 23.50 | 0 |
| 5 | QPSK | 1 | 12 | 22.31 | 22.45 | 22.47 | 22.52 | 22.56 | | |
| 5 | QPSK | 1 | 24 | 22.30 | 22.42 | 22.57 | 22.57 | 22.49 | | |
| 5 | QPSK | 12 | 0 | 22.30 | 22.33 | 22.67 | 22.44 | 22.63 | | |
| 5 | QPSK | 12 | 7 | 22.39 | 22.51 | 22.57 | 22.58 | 22.60 | | |
| 5 | QPSK | 12 | 13 | 22.37 | 22.42 | 22.62 | 22.59 | 22.64 | | |
| 5 | QPSK | 25 | 0 | 22.37 | 22.51 | 22.55 | 22.53 | 22.60 | | |
| 5 | 16QAM | 1 | 0 | 22.27 | 22.29 | 22.61 | 22.52 | 22.55 | | |
| 5 | 16QAM | 1 | 12 | 22.50 | 22.39 | 22.55 | 22.52 | 22.61 | | |
| 5 | 16QAM | 1 | 24 | 22.27 | 22.38 | 22.52 | 22.49 | 22.61 | | |
| 5 | 16QAM | 12 | 0 | 21.37 | 21.42 | 21.59 | 21.46 | 21.67 | | |
| 5 | 16QAM | 12 | 7 | 21.43 | 21.50 | 21.64 | 21.55 | 21.59 | | |
| 5 | 16QAM | 12 | 13 | 21.42 | 21.46 | 21.62 | 21.60 | 21.58 | | |
| 5 | 16QAM | 25 | 0 | 21.38 | 21.40 | 21.62 | 21.56 | 21.54 | | |
| 5 | 64QAM | 1 | 0 | 21.22 | 21.20 | 21.57 | 21.41 | 21.59 | | |
| 5 | 64QAM | 1 | 12 | 21.38 | 21.31 | 21.61 | 21.49 | 21.65 | | |
| 5 | 64QAM | 1 | 24 | 21.24 | 21.24 | 21.54 | 21.41 | 21.52 | | |
| 5 | 64QAM | 12 | 0 | 20.32 | 20.38 | 20.53 | 20.52 | 20.57 | | |
| 5 | 64QAM | 12 | 7 | 20.45 | 20.45 | 20.63 | 20.62 | 20.56 | | |
| 5 | 64QAM | 12 | 13 | 20.38 | 20.44 | 20.57 | 20.57 | 20.61 | | |
| 5 | 64QAM | 25 | 0 | 20.40 | 20.48 | 20.67 | 20.49 | 20.63 | | |

| Band 41_Ant 3 | | | | | | | | | | |
|-----------------|------------|---------|-----------|---------------------|----------------------------|------------------------|-----------------------------|----------------------|---------------------|----------|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch / Freq | Power Low Middle Ch / Freq | Power Middle Ch / Freq | Power High Middle Ch / Freq | Power High Ch / Freq | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 39790 | 40185 | 40620 | 41055 | 41490 | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | | |
| 20 | QPSK | 1 | 0 | 19.64 | 19.63 | 19.86 | 19.75 | 19.72 | 21.5 | 0 |
| 20 | QPSK | 1 | 49 | 19.69 | 19.65 | 19.72 | 19.70 | 19.57 | | |
| 20 | QPSK | 1 | 99 | 19.62 | 19.56 | 19.74 | 19.70 | 19.50 | | |
| 20 | QPSK | 50 | 0 | 19.68 | 19.69 | 19.83 | 19.67 | 19.65 | | |
| 20 | QPSK | 50 | 24 | 19.79 | 19.79 | 19.80 | 19.77 | 19.62 | | |
| 20 | QPSK | 50 | 50 | 19.74 | 19.75 | 19.81 | 19.73 | 19.62 | | |
| 20 | QPSK | 100 | 0 | 19.75 | 19.75 | 19.79 | 19.75 | 19.61 | | |
| 20 | 16QAM | 1 | 0 | 19.66 | 19.77 | 19.77 | 19.81 | 19.70 | | |
| 20 | 16QAM | 1 | 49 | 19.74 | 19.74 | 19.85 | 19.76 | 19.69 | | |
| 20 | 16QAM | 1 | 99 | 19.70 | 19.65 | 19.78 | 19.74 | 19.57 | | |
| 20 | 16QAM | 50 | 0 | 19.68 | 19.73 | 19.78 | 19.71 | 19.68 | | |
| 20 | 16QAM | 50 | 24 | 19.79 | 19.80 | 19.84 | 19.79 | 19.64 | | |
| 20 | 16QAM | 50 | 50 | 19.77 | 19.76 | 19.82 | 19.76 | 19.65 | | |
| 20 | 16QAM | 100 | 0 | 19.79 | 19.82 | 19.84 | 19.78 | 19.61 | | |
| 20 | 64QAM | 1 | 0 | 19.56 | 19.56 | 19.69 | 19.73 | 19.70 | | |
| 20 | 64QAM | 1 | 49 | 19.77 | 19.74 | 19.80 | 19.81 | 19.61 | | |
| 20 | 64QAM | 1 | 99 | 19.64 | 19.52 | 19.79 | 19.63 | 19.47 | | |
| 20 | 64QAM | 50 | 0 | 19.69 | 19.71 | 19.76 | 19.72 | 19.66 | | |
| 20 | 64QAM | 50 | 24 | 19.82 | 19.83 | 19.84 | 19.80 | 19.64 | | |
| 20 | 64QAM | 50 | 50 | 19.77 | 19.76 | 19.82 | 19.75 | 19.64 | | |
| 20 | 64QAM | 100 | 0 | 19.80 | 19.81 | 19.84 | 19.77 | 19.60 | | |
| Channel | | | | 39725 | 40173 | 40620 | 41088 | 41515 | | |
| Frequency (| | | | | | | | | | |



Reduced Power for DSI 3

| Par27Q n77_Ant 4 | | | | | | | | | | |
|------------------|------------|--------|--------|---------------------------|----------------------------|----------------------------|----------------------------|-----------------------|-------------|--|
| RFV [MHz] | Modulation | RF Chn | RF Chn | Power Cap Ch / Freq | Power EIRP Ch / Freq | Power EIRP Ch / Freq | Power EIRP Ch / Freq | Turn-up time (min) | MFR (dB) | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 100 | P12 BPSK | 1 | 1 | 18.20 | 18.14 | 18.11 | | | | |
| 100 | P12 BPSK | 1 | 138 | 18.21 | 18.15 | 18.11 | | 30.0 | 0.0 | |
| 100 | P12 BPSK | 1 | 271 | 18.21 | 18.25 | 18.21 | | | | |
| 100 | P12 BPSK | 135 | 3 | 18.15 | 18.27 | 18.22 | | 20.0 | 0.0 | |
| 100 | P12 BPSK | 135 | 39 | 18.20 | 18.30 | 18.22 | | 20.0 | 0.0 | |
| 100 | P12 BPSK | 135 | 138 | 18.15 | 18.16 | 18.11 | | 20.0 | 0.0 | |
| 100 | P12 BPSK | 270 | 3 | 18.20 | 18.25 | 18.20 | | | | |
| 100 | QPSK | 1 | 1 | 18.21 | 18.27 | 18.22 | | | | |
| 100 | QPSK | 1 | 137 | 18.21 | 18.22 | 18.24 | | 20.0 | 0.0 | |
| 100 | QPSK | 1 | 271 | 18.24 | 18.24 | 18.20 | | | | |
| 100 | QPSK | 135 | 3 | 18.20 | 18.24 | 18.21 | | | | |
| 100 | QPSK | 135 | 39 | 18.21 | 18.24 | 18.21 | | 20.0 | 0.0 | |
| 100 | QPSK | 135 | 138 | 18.20 | 18.20 | 18.24 | | | | |
| 100 | QPSK | 270 | 3 | 18.16 | 18.16 | 18.10 | | 20.0 | 0.0 | |
| 100 | 16QAM | 1 | 1 | 18.20 | 18.24 | 18.20 | | 20.0 | 0.0 | |
| 100 | 16QAM | 1 | 1 | 18.20 | 18.26 | 18.28 | | 20.0 | 0.0 | |
| 100 | 16QAM | 1 | 1 | 18.20 | 18.24 | 18.21 | | 20.0 | 0.0 | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 80 | P12 BPSK | 1 | 1 | 18.12 | 18.10 | 18.10 | | | | |
| 80 | P12 BPSK | 1 | 138 | 18.10 | 18.10 | 18.10 | | 20.0 | 0.0 | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 80 | P12 BPSK | 1 | 1 | 18.10 | 18.09 | 18.09 | | | | |
| 80 | P12 BPSK | 1 | 138 | 18.09 | 18.09 | 18.09 | | 20.0 | 0.0 | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 40 | P12 BPSK | 1 | 1 | 18.10 | 18.00 | 18.07 | | 20.0 | 0.0 | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 30 | P12 BPSK | 1 | 1 | 18.00 | 18.00 | 18.00 | | 20.0 | 0.0 | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 20 | P12 BPSK | 1 | 1 | 18.40 | 18.38 | 18.30 | | 20.0 | 0.0 | |

| Par270 n77_Ant 4 | | | | | | | | | | |
|------------------|------------|--------|--------|---------------------------|----------------------------|----------------------------|----------------------------|-----------------------|-------------|--|
| RFV [MHz] | Modulation | RF Chn | RF Chn | Power Cap Ch / Freq | Power EIRP Ch / Freq | Power EIRP Ch / Freq | Power EIRP Ch / Freq | Turn-up time (min) | MFR (dB) | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 100 | P12 BPSK | 1 | 1 | 18.20 | 18.14 | 18.11 | | | | |
| 100 | P12 BPSK | 1 | 138 | 18.21 | 18.15 | 18.11 | | 30.0 | 0.0 | |
| 100 | P12 BPSK | 1 | 271 | 18.21 | 18.25 | 18.21 | | | | |
| 100 | P12 BPSK | 135 | 3 | 18.15 | 18.27 | 18.22 | | 20.0 | 0.0 | |
| 100 | P12 BPSK | 135 | 39 | 18.20 | 18.30 | 18.22 | | 20.0 | 0.0 | |
| 100 | P12 BPSK | 135 | 138 | 18.15 | 18.16 | 18.11 | | 20.0 | 0.0 | |
| 100 | P12 BPSK | 270 | 3 | 18.20 | 18.25 | 18.20 | | | | |
| 100 | QPSK | 1 | 1 | 18.21 | 18.27 | 18.22 | | | | |
| 100 | QPSK | 1 | 137 | 18.21 | 18.22 | 18.24 | | 20.0 | 0.0 | |
| 100 | QPSK | 1 | 271 | 18.24 | 18.24 | 18.20 | | | | |
| 100 | QPSK | 135 | 3 | 18.20 | 18.24 | 18.21 | | | | |
| 100 | QPSK | 135 | 39 | 18.21 | 18.24 | 18.21 | | 20.0 | 0.0 | |
| 100 | QPSK | 135 | 138 | 18.20 | 18.20 | 18.24 | | | | |
| 100 | QPSK | 270 | 3 | 18.16 | 18.16 | 18.10 | | 20.0 | 0.0 | |
| 100 | 16QAM | 1 | 1 | 18.20 | 18.24 | 18.20 | | 20.0 | 0.0 | |
| 100 | 16QAM | 1 | 1 | 18.20 | 18.26 | 18.28 | | 20.0 | 0.0 | |
| 100 | 16QAM | 1 | 1 | 18.20 | 18.24 | 18.21 | | 20.0 | 0.0 | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 80 | P12 BPSK | 1 | 1 | 18.12 | 18.10 | 18.10 | | | | |
| 80 | P12 BPSK | 1 | 138 | 18.10 | 18.10 | 18.10 | | 20.0 | 0.0 | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 80 | P12 BPSK | 1 | 1 | 18.10 | 18.09 | 18.09 | | | | |
| 80 | P12 BPSK | 1 | 138 | 18.09 | 18.09 | 18.09 | | 20.0 | 0.0 | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 40 | P12 BPSK | 1 | 1 | 18.10 | 18.00 | 18.07 | | 20.0 | 0.0 | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 30 | P12 BPSK | 1 | 1 | 18.00 | 18.00 | 18.00 | | 20.0 | 0.0 | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 20 | P12 BPSK | 1 | 1 | 18.40 | 18.38 | 18.34 | | 20.0 | 0.0 | |

| Par27Q n77_Ant 5 | | | | | | | | | | |
|------------------|------------|--------|--------|---------------------------|----------------------------|----------------------------|----------------------------|-----------------------|-------------|--|
| RFV [MHz] | Modulation | RF Chn | RF Chn | Power Cap Ch / Freq | Power EIRP Ch / Freq | Power EIRP Ch / Freq | Power EIRP Ch / Freq | Turn-up time (min) | MFR (dB) | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 100 | P12 BPSK | 1 | 1 | 17.80 | | | | | | |
| 100 | P12 BPSK | 1 | 137 | 17.81 | | | | 19.2 | 0.0 | |
| 100 | P12 BPSK | 1 | 271 | 17.81 | | | | | | |
| 100 | P12 BPSK | 135 | 3 | 17.79 | | | | 19.2 | 0.0 | |
| 100 | P12 BPSK | 135 | 39 | 17.80 | | | | 19.2 | 0.0 | |
| 100 | P12 BPSK | 135 | 138 | 17.80 | | | | 19.2 | 0.0 | |
| 100 | P12 BPSK | 270 | 3 | 17.80 | | | | | | |
| 100 | QPSK | 1 | 1 | 17.80 | | | | | | |
| 100 | QPSK | 1 | 137 | 17.81 | | | | 19.2 | 0.0 | |
| 100 | QPSK | 1 | 271 | 17.81 | | | | | | |
| 100 | QPSK | 135 | 3 | 17.79 | | | | | | |
| 100 | QPSK | 135 | 39 | 17.80 | | | | 19.2 | 0.0 | |
| 100 | QPSK | 135 | 138 | 17.81 | | | | | | |
| 100 | QPSK | 270 | 3 | 17.81 | | | | 19.2 | 0.0 | |
| 100 | 16QAM | 1 | 1 | 17.80 | | | | 19.2 | 0.0 | |
| 100 | 16QAM | 1 | 1 | 17.80 | | | | 19.2 | 0.0 | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 80 | P12 BPSK | 1 | 1 | 17.80 | | | | | | |
| 80 | P12 BPSK | 1 | 137 | 17.81 | | | | 19.2 | 0.0 | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 80 | P12 BPSK | 1 | 1 | 17.79 | | | | | | |
| 80 | P12 BPSK | 1 | 137 | 17.79 | | | | 19.2 | 0.0 | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 40 | P12 BPSK | 1 | 1 | 17.71 | | | | 19.2 | 0.0 | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 30 | P12 BPSK | 1 | 1 | 17.70 | | | | 19.2 | 0.0 | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 20 | P12 BPSK | 1 | 1 | 17.60 | | | | 19.2 | 0.0 | |

| Par270 n77_Ant 5 | | | | | | | | | | |
|------------------|------------|--------|--------|---------------------------|----------------------------|----------------------------|----------------------------|-----------------------|-------------|--|
| RFV [MHz] | Modulation | RF Chn | RF Chn | Power Cap Ch / Freq | Power EIRP Ch / Freq | Power EIRP Ch / Freq | Power EIRP Ch / Freq | Turn-up time (min) | MFR (dB) | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 100 | P12 BPSK | 1 | 1 | 17.80 | 17.80 | 17.80 | | | | |
| 100 | P12 BPSK | 1 | 137 | 17.81 | 17.81 | 17.81 | | 19.2 | 0.0 | |
| 100 | P12 BPSK | 1 | 271 | 17.81 | 17.81 | 17.81 | | | | |
| 100 | P12 BPSK | 135 | 3 | 17.80 | 17.80 | 17.81 | | 19.2 | 0.0 | |
| 100 | P12 BPSK | 135 | 39 | 17.80 | 17.80 | 17.80 | | 19.2 | 0.0 | |
| 100 | P12 BPSK | 135 | 138 | 17.80 | 17.80 | 17.81 | | 19.2 | 0.0 | |
| 100 | P12 BPSK | 270 | 3 | 17.80 | 17.80 | 17.80 | | | | |
| 100 | QPSK | 1 | 1 | 17.80 | 17.80 | 17.81 | | | | |
| 100 | QPSK | 1 | 137 | 17.81 | 17.81 | 17.82 | | 19.2 | 0.0 | |
| 100 | QPSK | 1 | 271 | 17.81 | 17.81 | 17.80 | | | | |
| 100 | QPSK | 135 | 3 | 17.80 | 17.81 | 17.81 | | | | |
| 100 | QPSK | 135 | 39 | 17.80 | 17.80 | 17.80 | | 19.2 | 0.0 | |
| 100 | QPSK | 135 | 138 | 17.81 | 17.81 | 17.81 | | | | |
| 100 | QPSK | 270 | 3 | 17.80 | 17.80 | 17.81 | | 19.2 | 0.0 | |
| 100 | 16QAM | 1 | 1 | 17.80 | 17.80 | 17.81 | | 19.2 | 0.0 | |
| 100 | 16QAM | 1 | 1 | 17.80 | 17.80 | 17.81 | | 19.2 | 0.0 | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 80 | P12 BPSK | 1 | 1 | 17.80 | 17.80 | 17.80 | | | | |
| 80 | P12 BPSK | 1 | 137 | 17.81 | 17.81 | 17.81 | | 19.2 | 0.0 | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 80 | P12 BPSK | 1 | 1 | 17.79 | 17.79 | 17.79 | | | | |
| 80 | P12 BPSK | 1 | 137 | 17.79 | 17.79 | 17.79 | | 19.2 | 0.0 | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 40 | P12 BPSK | 1 | 1 | 17.71 | 17.71 | 17.71 | | 19.2 | 0.0 | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 30 | P12 BPSK | 1 | 1 | 17.60 | 17.60 | 17.60 | | 19.2 | 0.0 | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 20 | P12 BPSK | 1 | 1 | 17.40 | 17.40 | 17.41 | | 19.2 | 0.0 | |



Reduced Power for DSI 4

| Par27Q n77_Ant 4 | | | | | | | | | | |
|------------------|------------|---------|-----------|----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------|
| SW (MHz) | Modulation | RS Size | RS Offset | Power Low Ch. (Frac) | Power High Ch. (Frac) | Power High Ch. (Frac) | Power High Ch. (Frac) | Power High Ch. (Frac) | Power High Ch. (Frac) | MFR (dB) |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 100 | P12 BPSK | 1 | 1 | | 24.43 | | | | | |
| 100 | P12 BPSK | 1 | 127 | | 24.43 | | | 25.5 | 0.0 | |
| 100 | P12 BPSK | 1 | 271 | | 24.39 | | | | | |
| 100 | P12 BPSK | 155 | 6 | | 25.2 | | | 25.5 | 0.0 | |
| 100 | P12 BPSK | 155 | 68 | | 24.43 | | | | | |
| 100 | P12 BPSK | 155 | 158 | | 23.84 | | | | | |
| 100 | P12 BPSK | 270 | 0 | | 23.25 | | | 25.0 | 0.5 | |
| 100 | QPSK | 1 | 1 | | 24.38 | | | | | |
| 100 | QPSK | 1 | 127 | | 24.2 | | | 25.5 | 0.0 | |
| 100 | QPSK | 1 | 271 | | 24.43 | | | | | |
| 100 | QPSK | 155 | 6 | | 23.84 | | | | | |
| 100 | QPSK | 155 | 68 | | 24.43 | | | 25.5 | 0.0 | |
| 100 | QPSK | 155 | 158 | | 23.26 | | | | | |
| 100 | QPSK | 270 | 0 | | 23.17 | | | 25.5 | 1.0 | |
| 100 | HQDM | 1 | 1 | | 23.55 | | | 24.5 | 1.0 | |
| 100 | HQDM | 1 | 1 | | 22.95 | | | 23.0 | 2.0 | |
| 100 | HS09M | 1 | 1 | | 18.02 | | | 21.0 | 4.5 | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 80 | P12 BPSK | 1 | 1 | | 24.30 | 24.43 | 24.32 | 25.5 | 0.0 | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 80 | P12 BPSK | 1 | 1 | | 24.30 | 24.43 | 24.32 | 25.5 | 0.0 | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 40 | P12 BPSK | 1 | 1 | | 24.30 | 24.43 | 24.32 | 25.5 | 0.0 | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 40 | P12 BPSK | 1 | 1 | | 24.30 | 24.43 | 24.32 | 25.5 | 0.0 | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 30 | P12 BPSK | 1 | 1 | | 24.30 | 24.43 | 24.32 | 25.5 | 0.0 | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 30 | P12 BPSK | 1 | 1 | | 24.30 | 24.43 | 24.32 | 25.5 | 0.0 | |

| Par270 n77_Ant 4 | | | | | | | | | | |
|------------------|------------|---------|-----------|----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------|
| SW (MHz) | Modulation | RS Size | RS Offset | Power Low Ch. (Frac) | Power High Ch. (Frac) | Power High Ch. (Frac) | Power High Ch. (Frac) | Power High Ch. (Frac) | Power High Ch. (Frac) | MFR (dB) |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 100 | P12 BPSK | 1 | 1 | | 23.30 | 23.51 | 23.74 | | | |
| 100 | P12 BPSK | 1 | 127 | | 23.77 | 23.68 | 23.74 | 25.5 | 0.0 | |
| 100 | P12 BPSK | 1 | 271 | | 24.38 | 24.38 | 24.38 | | | |
| 100 | P12 BPSK | 155 | 6 | | 23.25 | 23.37 | 23.14 | 25.0 | 0.5 | |
| 100 | P12 BPSK | 155 | 68 | | 23.70 | 23.79 | 23.87 | 25.5 | 0.0 | |
| 100 | P12 BPSK | 155 | 158 | | 23.14 | 23.20 | 23.08 | | | |
| 100 | P12 BPSK | 270 | 0 | | 23.19 | 23.22 | 23.30 | 25.0 | 0.5 | |
| 100 | QPSK | 1 | 1 | | 24.38 | 24.38 | 24.38 | | | |
| 100 | QPSK | 1 | 127 | | 23.87 | 23.87 | 23.87 | 25.5 | 0.0 | |
| 100 | QPSK | 1 | 271 | | 23.70 | 23.77 | 23.86 | | | |
| 100 | QPSK | 155 | 6 | | 23.68 | 23.74 | 23.80 | | | |
| 100 | QPSK | 155 | 68 | | 23.24 | 23.74 | 23.30 | 25.5 | 0.0 | |
| 100 | QPSK | 155 | 158 | | 23.26 | 23.26 | 23.46 | | | |
| 100 | QPSK | 270 | 0 | | 23.24 | 23.27 | 23.33 | 24.5 | 1.0 | |
| 100 | HQDM | 1 | 1 | | 23.50 | 23.58 | 23.50 | 24.5 | 1.0 | |
| 100 | HQDM | 1 | 1 | | 23.40 | 23.51 | 23.30 | 23.0 | 2.0 | |
| 100 | HS09M | 1 | 1 | | 18.17 | 18.23 | 18.33 | 21.0 | 4.5 | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 80 | P12 BPSK | 1 | 1 | | 23.70 | 23.59 | 23.69 | 25.5 | 0.0 | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 80 | P12 BPSK | 1 | 1 | | 23.70 | 23.59 | 23.69 | 25.5 | 0.0 | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 40 | P12 BPSK | 1 | 1 | | 23.70 | 23.59 | 23.69 | 25.5 | 0.0 | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 40 | P12 BPSK | 1 | 1 | | 23.70 | 23.59 | 23.69 | 25.5 | 0.0 | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 30 | P12 BPSK | 1 | 1 | | 23.70 | 23.59 | 23.69 | 25.5 | 0.0 | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 30 | P12 BPSK | 1 | 1 | | 23.70 | 23.59 | 23.69 | 25.5 | 0.0 | |

| Par27Q n77_Ant 5 | | | | | | | | | | |
|------------------|------------|---------|-----------|----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------|
| SW (MHz) | Modulation | RS Size | RS Offset | Power Low Ch. (Frac) | Power High Ch. (Frac) | Power High Ch. (Frac) | Power High Ch. (Frac) | Power High Ch. (Frac) | Power High Ch. (Frac) | MFR (dB) |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 100 | P12 BPSK | 1 | 1 | | 24.34 | | | | | |
| 100 | P12 BPSK | 1 | 127 | | 24.34 | | | 25.7 | 0.0 | |
| 100 | P12 BPSK | 1 | 271 | | 24.40 | | | | | |
| 100 | P12 BPSK | 155 | 6 | | 23.68 | | | 25.7 | 0.0 | |
| 100 | P12 BPSK | 155 | 68 | | 24.28 | | | | | |
| 100 | P12 BPSK | 155 | 158 | | 23.84 | | | | | |
| 100 | P12 BPSK | 270 | 0 | | 23.77 | | | 25.7 | 0.5 | |
| 100 | QPSK | 1 | 1 | | 24.30 | | | | | |
| 100 | QPSK | 1 | 127 | | 24.30 | | | 25.7 | 0.0 | |
| 100 | QPSK | 1 | 271 | | 24.31 | | | | | |
| 100 | QPSK | 155 | 6 | | 23.11 | | | | | |
| 100 | QPSK | 155 | 68 | | 24.22 | | | 25.7 | 0.0 | |
| 100 | QPSK | 155 | 158 | | 23.48 | | | | | |
| 100 | QPSK | 270 | 0 | | 23.18 | | | 24.7 | 1.0 | |
| 100 | HQDM | 1 | 1 | | 23.30 | | | 24.7 | 1.0 | |
| 100 | HQDM | 1 | 1 | | 23.72 | | | 23.2 | 2.0 | |
| 100 | HS09M | 1 | 1 | | 18.47 | | | 21.2 | 4.5 | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 80 | P12 BPSK | 1 | 1 | | 24.24 | 24.30 | 24.10 | 25.7 | 0.0 | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 80 | P12 BPSK | 1 | 1 | | 24.24 | 24.30 | 24.10 | 25.7 | 0.0 | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 40 | P12 BPSK | 1 | 1 | | 24.24 | 24.30 | 24.10 | 25.7 | 0.0 | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 40 | P12 BPSK | 1 | 1 | | 24.24 | 24.30 | 24.10 | 25.7 | 0.0 | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 30 | P12 BPSK | 1 | 1 | | 24.22 | 24.20 | 24.10 | 25.7 | 0.0 | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 30 | P12 BPSK | 1 | 1 | | 24.17 | 24.28 | 24.13 | 25.7 | 0.0 | |

| Par270 n77_Ant 5 | | | | | | | | | | |
|------------------|------------|---------|-----------|----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------|
| SW (MHz) | Modulation | RS Size | RS Offset | Power Low Ch. (Frac) | Power High Ch. (Frac) | Power High Ch. (Frac) | Power High Ch. (Frac) | Power High Ch. (Frac) | Power High Ch. (Frac) | MFR (dB) |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 100 | P12 BPSK | 1 | 1 | | 23.00 | 24.03 | 23.93 | | | |
| 100 | P12 BPSK | 1 | 127 | | 23.82 | 24.01 | 23.80 | 25.7 | 0.0 | |
| 100 | P12 BPSK | 1 | 271 | | 23.88 | 24.00 | 23.88 | | | |
| 100 | P12 BPSK | 155 | 6 | | 23.48 | 23.57 | 23.57 | 25.0 | 0.5 | |
| 100 | P12 BPSK | 155 | 68 | | 23.92 | 23.91 | 23.90 | | | |
| 100 | P12 BPSK | 155 | 158 | | 23.32 | 23.40 | 23.32 | 25.2 | 0.5 | |
| 100 | QPSK | 1 | 1 | | 24.30 | 24.30 | 24.30 | | | |
| 100 | QPSK | 1 | 127 | | 23.88 | 23.88 | 23.87 | 25.7 | 0.0 | |
| 100 | QPSK | 1 | 271 | | 23.94 | 23.94 | 23.93 | | | |
| 100 | QPSK | 155 | 6 | | 23.92 | 23.92 | 23.94 | | | |
| 100 | QPSK | 155 | 68 | | 23.80 | 23.81 | 23.80 | 25.7 | 0.0 | |
| 100 | QPSK | 155 | 158 | | 23.76 | 23.80 | 23.75 | | | |
| 100 | QPSK | 270 | 0 | | 23.70 | 23.77 | 23.74 | 25.7 | 1.0 | |
| 100 | HQDM | 1 | 1 | | 23.78 | 23.81 | 23.80 | 24.7 | 1.0 | |
| 100 | HQDM | 1 | 1 | | 23.62 | 23.68 | 23.64 | 23.2 | 2.0 | |
| 100 | HS09M | 1 | 1 | | 18.38 | 18.48 | 18.42 | 21.2 | 4.5 | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 80 | P12 BPSK | 1 | 1 | | 23.92 | 23.97 | 23.85 | 25.7 | 0.0 | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 80 | P12 BPSK | 1 | 1 | | 23.92 | 23.97 | 23.85 | 25.7 | 0.0 | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 40 | P12 BPSK | 1 | 1 | | 23.92 | 23.97 | 23.85 | 25.7 | 0.0 | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 40 | P12 BPSK | 1 | 1 | | 23.92 | 23.97 | 23.85 | 25.7 | 0.0 | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 30 | P12 BPSK | 1 | 1 | | 23.87 | 23.90 | 23.82 | 25.7 | 0.0 | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 30 | P12 BPSK | 1 | 1 | | 23.87 | 24.00 | 23.73 | 25.7 | 0.0 | |



| Par27Q n77_Ant 6 | | | | | | | | | | |
|------------------|------------|---------|-----------|-----------------------|------------------------|------------------------|--------------------|----------|--|--|
| SW (MHz) | Modulation | RF Size | RF Offset | Power Low Ch. (Frac.) | Power High Ch. (Frac.) | Power High Ch. (Frac.) | Turn-up time (min) | MFR (dB) | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 100 | P12-BPSK | 1 | 1 | 18.20 | 18.25 | 18.45 | | | | |
| 100 | P12-BPSK | 1 | 137 | 18.40 | 18.50 | 18.35 | 20.0 | 0.0 | | |
| 100 | P12-BPSK | 1 | 271 | 18.60 | 18.65 | 18.45 | | | | |
| 100 | P12-BPSK | 100 | 0 | 18.20 | | | 20.0 | 0.0 | | |
| 100 | P12-BPSK | 100 | 66 | 18.24 | | | | | | |
| 100 | P12-BPSK | 100 | 138 | 18.28 | | | | | | |
| 100 | P12-BPSK | 200 | 0 | 18.20 | | | 20.0 | 0.0 | | |
| 100 | QPSK | 1 | 1 | 18.20 | | | | | | |
| 100 | QPSK | 1 | 137 | 18.20 | | | 20.0 | 0.0 | | |
| 100 | QPSK | 1 | 271 | 18.20 | | | | | | |
| 100 | QPSK | 100 | 0 | 18.20 | | | | | | |
| 100 | QPSK | 100 | 66 | 18.20 | | | 20.0 | 0.0 | | |
| 100 | QPSK | 100 | 138 | 18.20 | | | | | | |
| 100 | QPSK | 200 | 0 | 18.20 | | | 20.0 | 0.0 | | |
| 100 | TCM64 | 1 | 1 | 18.20 | | | 20.0 | 0.0 | | |
| 100 | TCM64 | 1 | 1 | 18.20 | | | 20.0 | 0.0 | | |
| 100 | ZPSK64 | 1 | 1 | 18.24 | | | 20.0 | 0.0 | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 30 | P12-BPSK | 1 | 1 | 18.00 | 18.07 | 18.09 | 20.0 | 0.0 | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 30 | P12-BPSK | 1 | 1 | 18.00 | 18.00 | 18.00 | Turn-up time (min) | MFR (dB) | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 40 | P12-BPSK | 1 | 1 | 18.10 | 18.10 | 18.10 | 20.0 | 0.0 | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 30 | P12-BPSK | 1 | 1 | 18.00 | 18.00 | 18.00 | Turn-up time (min) | MFR (dB) | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 30 | P12-BPSK | 1 | 1 | 18.00 | 18.07 | 18.09 | 20.0 | 0.0 | | |

| Par27O n77_Ant 6 | | | | | | | | | | |
|------------------|------------|---------|-----------|-----------------------|------------------------|------------------------|--------------------|----------|--|--|
| SW (MHz) | Modulation | RF Size | RF Offset | Power Low Ch. (Frac.) | Power High Ch. (Frac.) | Power High Ch. (Frac.) | Turn-up time (min) | MFR (dB) | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 100 | P12-BPSK | 1 | 1 | 18.20 | 18.25 | 18.45 | | | | |
| 100 | P12-BPSK | 1 | 137 | 18.40 | 18.50 | 18.35 | 20.0 | 0.0 | | |
| 100 | P12-BPSK | 1 | 271 | 18.60 | 18.65 | 18.45 | | | | |
| 100 | P12-BPSK | 100 | 0 | 18.20 | 18.25 | 18.30 | 20.0 | 0.0 | | |
| 100 | P12-BPSK | 100 | 66 | 18.41 | 18.55 | 18.34 | 20.0 | 0.0 | | |
| 100 | P12-BPSK | 100 | 138 | 18.21 | 18.45 | 18.30 | | | | |
| 100 | P12-BPSK | 200 | 0 | 18.40 | 18.50 | 18.42 | 20.0 | 0.0 | | |
| 100 | QPSK | 1 | 1 | 18.20 | 18.20 | 18.41 | | | | |
| 100 | QPSK | 1 | 137 | 18.20 | 18.20 | 18.30 | 20.0 | 0.0 | | |
| 100 | QPSK | 1 | 271 | 18.40 | 18.50 | 18.47 | | | | |
| 100 | QPSK | 100 | 0 | 18.21 | 18.44 | 18.30 | | | | |
| 100 | QPSK | 100 | 66 | 18.40 | 18.54 | 18.30 | 20.0 | 0.0 | | |
| 100 | QPSK | 100 | 138 | 18.20 | 18.45 | 18.40 | | | | |
| 100 | QPSK | 200 | 0 | 18.42 | 18.57 | 18.30 | 20.0 | 0.0 | | |
| 100 | TCM64 | 1 | 1 | 18.41 | 18.45 | 18.30 | 20.0 | 0.0 | | |
| 100 | TCM64 | 1 | 1 | 18.20 | 18.17 | 18.40 | 20.0 | 0.0 | | |
| 100 | ZPSK64 | 1 | 1 | 18.20 | 18.43 | 18.30 | 20.0 | 0.0 | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 30 | P12-BPSK | 1 | 1 | 18.05 | 18.15 | 18.43 | 20.0 | 0.0 | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 30 | P12-BPSK | 1 | 1 | 18.00 | 18.00 | 18.00 | Turn-up time (min) | MFR (dB) | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 40 | P12-BPSK | 1 | 1 | 18.10 | 18.15 | 18.37 | 20.0 | 0.0 | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 30 | P12-BPSK | 1 | 1 | 18.00 | 18.04 | 18.41 | 20.0 | 0.0 | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 30 | P12-BPSK | 1 | 1 | 18.00 | 18.20 | 18.35 | 20.0 | 0.0 | | |

| Par27Q n77_Ant 7 | | | | | | | | | | |
|------------------|------------|---------|-----------|-----------------------|------------------------|------------------------|--------------------|----------|--|--|
| SW (MHz) | Modulation | RF Size | RF Offset | Power Low Ch. (Frac.) | Power High Ch. (Frac.) | Power High Ch. (Frac.) | Turn-up time (min) | MFR (dB) | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 100 | P12-BPSK | 1 | 1 | 18.20 | | | | | | |
| 100 | P12-BPSK | 1 | 137 | 18.20 | | | 20.0 | 0.0 | | |
| 100 | P12-BPSK | 1 | 271 | 18.20 | | | | | | |
| 100 | P12-BPSK | 100 | 0 | 18.20 | | | 20.0 | 0.0 | | |
| 100 | P12-BPSK | 100 | 66 | 18.24 | | | | | | |
| 100 | P12-BPSK | 100 | 138 | 18.28 | | | | | | |
| 100 | P12-BPSK | 200 | 0 | 18.20 | | | 20.0 | 0.0 | | |
| 100 | QPSK | 1 | 1 | 18.20 | | | | | | |
| 100 | QPSK | 1 | 137 | 18.20 | | | 20.0 | 0.0 | | |
| 100 | QPSK | 1 | 271 | 18.20 | | | | | | |
| 100 | QPSK | 100 | 0 | 18.20 | | | | | | |
| 100 | QPSK | 100 | 66 | 18.20 | | | 20.0 | 0.0 | | |
| 100 | QPSK | 100 | 138 | 18.20 | | | | | | |
| 100 | QPSK | 200 | 0 | 18.20 | | | 20.0 | 0.0 | | |
| 100 | TCM64 | 1 | 1 | 18.20 | | | 20.0 | 0.0 | | |
| 100 | TCM64 | 1 | 1 | 18.20 | | | 20.0 | 0.0 | | |
| 100 | ZPSK64 | 1 | 1 | 18.20 | | | 20.0 | 0.0 | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 30 | P12-BPSK | 1 | 1 | 18.15 | 18.80 | 18.70 | 20.0 | 0.0 | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 30 | P12-BPSK | 1 | 1 | 18.00 | 18.00 | 18.00 | Turn-up time (min) | MFR (dB) | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 40 | P12-BPSK | 1 | 1 | 18.10 | 18.10 | 18.10 | 20.0 | 0.0 | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 30 | P12-BPSK | 1 | 1 | 18.00 | 18.01 | 18.00 | 20.0 | 0.0 | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 30 | P12-BPSK | 1 | 1 | 18.00 | 18.00 | 18.00 | Turn-up time (min) | MFR (dB) | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 30 | P12-BPSK | 1 | 1 | 18.00 | 18.00 | 18.00 | 20.0 | 0.0 | | |

| Par27O n77_Ant 7 | | | | | | | | | | |
|------------------|------------|---------|-----------|-----------------------|------------------------|------------------------|--------------------|----------|--|--|
| SW (MHz) | Modulation | RF Size | RF Offset | Power Low Ch. (Frac.) | Power High Ch. (Frac.) | Power High Ch. (Frac.) | Turn-up time (min) | MFR (dB) | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 100 | P12-BPSK | 1 | 1 | 18.20 | 18.20 | 18.20 | | | | |
| 100 | P12-BPSK | 1 | 137 | 18.40 | 18.40 | 18.70 | 20.0 | 0.0 | | |
| 100 | P12-BPSK | 1 | 271 | 18.70 | 18.70 | 18.70 | | | | |
| 100 | P12-BPSK | 100 | 0 | 18.20 | 18.20 | 18.20 | 20.0 | 0.0 | | |
| 100 | P12-BPSK | 100 | 66 | 18.20 | 18.20 | 18.20 | 20.0 | 0.0 | | |
| 100 | P12-BPSK | 100 | 138 | 18.20 | 18.21 | 18.70 | | | | |
| 100 | P12-BPSK | 200 | 0 | 18.20 | 18.20 | 18.20 | 20.0 | 0.0 | | |
| 100 | QPSK | 1 | 1 | 18.20 | 18.20 | 18.20 | | | | |
| 100 | QPSK | 1 | 137 | 18.20 | 18.20 | 18.20 | 20.0 | 0.0 | | |
| 100 | QPSK | 1 | 271 | 18.20 | 18.20 | 18.20 | | | | |
| 100 | QPSK | 100 | 0 | 18.20 | 18.20 | 18.20 | | | | |
| 100 | QPSK | 100 | 66 | 18.20 | 18.20 | 18.20 | 20.0 | 0.0 | | |
| 100 | QPSK | 100 | 138 | 18.20 | 18.20 | 18.20 | | | | |
| 100 | QPSK | 200 | 0 | 18.20 | 18.20 | 18.20 | 20.0 | 0.0 | | |
| 100 | TCM64 | 1 | 1 | 18.20 | 18.20 | 18.20 | 20.0 | 0.0 | | |
| 100 | TCM64 | 1 | 1 | 18.20 | 18.20 | 18.20 | 20.0 | 0.0 | | |
| 100 | ZPSK64 | 1 | 1 | 18.20 | 18.20 | 18.20 | 20.0 | 0.0 | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 30 | P12-BPSK | 1 | 1 | 18.00 | 18.00 | 18.00 | 20.0 | 0.0 | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 30 | P12-BPSK | 1 | 1 | 18.00 | 18.00 | 18.00 | Turn-up time (min) | MFR (dB) | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 40 | P12-BPSK | 1 | 1 | 18.00 | 18.00 | 18.00 | 20.0 | 0.0 | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 30 | P12-BPSK | 1 | 1 | 18.00 | 18.00 | 18.00 | Turn-up time (min) | MFR (dB) | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 30 | P12-BPSK | 1 | 1 | 18.00 | 18.00 | 18.00 | 20.0 | 0.0 | | |



| Part27Q n78_Ant 4 PC3 | | | | | | | | | |
|-----------------------|------------|---------|-----------|----------------------|----------------------|-----------------------|--------------------|----------|--|
| DW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. (F/Hz) | Power Max Ch. (F/Hz) | Power High Ch. (F/Hz) | Turn-up time (MHz) | MFR (dB) | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 100 | P12 BPSK | 1 | 1 | 2335 | | | | | |
| 100 | P12 BPSK | 1 | 137 | 2326 | | | 25.0 | 0.0 | |
| 100 | P12 BPSK | 1 | 271 | 2317 | | | | | |
| 100 | P12 BPSK | 108 | 6 | 2328 | | | 26.5 | 0.5 | |
| 100 | P12 BPSK | 135 | 66 | 2329 | | | 25.0 | 0.0 | |
| 100 | P12 BPSK | 150 | 138 | 2320 | | | 24.0 | 0.5 | |
| 100 | P12 BPSK | 270 | 0 | 2325 | | | | | |
| 100 | QPSK | 1 | 1 | 2324 | | | | | |
| 100 | QPSK | 1 | 137 | 2323 | | | 25.0 | 0.0 | |
| 100 | QPSK | 1 | 271 | 2322 | | | | | |
| 100 | QPSK | 108 | 6 | 2321 | | | | | |
| 100 | QPSK | 135 | 66 | 2320 | | | 25.0 | 0.0 | |
| 100 | QPSK | 150 | 138 | 2319 | | | 24.0 | 1.0 | |
| 100 | QPSK | 270 | 0 | 2324 | | | | | |
| 100 | 16QAM | 1 | 1 | 2325 | | | 24.0 | 1.0 | |
| 100 | 16QAM | 1 | 1 | 2324 | | | 23.0 | 2.5 | |
| 100 | 256QAM | 1 | 1 | 1827 | | | 20.5 | 4.5 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 30 | P12 BPSK | 1 | 1 | 30000 | 30000 | 30000 | 22.0 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 30 | P12 BPSK | 1 | 1 | 30002 | 30002 | 30002 | 22.0 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 50 | P12 BPSK | 1 | 1 | 50004 | 50004 | 50004 | 25.0 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 50 | P12 BPSK | 1 | 1 | 50006 | 50006 | 50006 | 25.0 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 60 | P12 BPSK | 1 | 1 | 2318 | 2318 | 2318 | 25.0 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 50 | P12 BPSK | 1 | 1 | 2319 | 2319 | 2319 | 25.0 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 40 | P12 BPSK | 1 | 1 | 2320 | 2320 | 2320 | 25.0 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 30 | P12 BPSK | 1 | 1 | 2321 | 2321 | 2321 | 25.0 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 30 | P12 BPSK | 1 | 1 | 2322 | 2322 | 2322 | 25.0 | 0.0 | |

| Part27O n78_Ant 4 PC3 | | | | | | | | | |
|-----------------------|------------|---------|-----------|----------------------|----------------------|-----------------------|--------------------|----------|--|
| DW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. (F/Hz) | Power Max Ch. (F/Hz) | Power High Ch. (F/Hz) | Turn-up time (MHz) | MFR (dB) | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 100 | P12 BPSK | 1 | 1 | 2335 | | | | | |
| 100 | P12 BPSK | 1 | 137 | 2326 | | | 25.0 | 0.0 | |
| 100 | P12 BPSK | 1 | 271 | 2317 | | | | | |
| 100 | P12 BPSK | 108 | 6 | 2328 | | | 26.5 | 0.5 | |
| 100 | P12 BPSK | 135 | 66 | 2329 | | | 25.0 | 0.0 | |
| 100 | P12 BPSK | 150 | 138 | 2320 | | | 24.0 | 0.5 | |
| 100 | P12 BPSK | 270 | 0 | 2325 | | | 24.5 | 0.5 | |
| 100 | QPSK | 1 | 1 | 2324 | | | | | |
| 100 | QPSK | 1 | 137 | 2323 | | | 25.0 | 0.0 | |
| 100 | QPSK | 1 | 271 | 2322 | | | | | |
| 100 | QPSK | 108 | 6 | 2321 | | | | | |
| 100 | QPSK | 135 | 66 | 2320 | | | 25.0 | 0.0 | |
| 100 | QPSK | 150 | 138 | 2319 | | | 24.0 | 1.0 | |
| 100 | QPSK | 270 | 0 | 2324 | | | 24.0 | 1.0 | |
| 100 | 16QAM | 1 | 1 | 2325 | | | 24.0 | 1.0 | |
| 100 | 16QAM | 1 | 1 | 2324 | | | 23.0 | 2.5 | |
| 100 | 256QAM | 1 | 1 | 1843 | | | 20.5 | 4.5 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 30 | P12 BPSK | 1 | 1 | 30000 | 30000 | 30000 | 25.0 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 30 | P12 BPSK | 1 | 1 | 30002 | 30002 | 30002 | 25.0 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 50 | P12 BPSK | 1 | 1 | 50004 | 50004 | 50004 | 25.0 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 50 | P12 BPSK | 1 | 1 | 50006 | 50006 | 50006 | 25.0 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 60 | P12 BPSK | 1 | 1 | 2326 | 2326 | 2326 | 25.0 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 50 | P12 BPSK | 1 | 1 | 2327 | 2327 | 2327 | 25.0 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 40 | P12 BPSK | 1 | 1 | 2328 | 2328 | 2328 | 25.0 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 30 | P12 BPSK | 1 | 1 | 2329 | 2329 | 2329 | 25.0 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 30 | P12 BPSK | 1 | 1 | 2330 | 2330 | 2330 | 25.0 | 0.0 | |

| Part27Q n78_Ant 5 PC3 | | | | | | | | | |
|-----------------------|------------|---------|-----------|----------------------|----------------------|-----------------------|--------------------|----------|--|
| DW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. (F/Hz) | Power Max Ch. (F/Hz) | Power High Ch. (F/Hz) | Turn-up time (MHz) | MFR (dB) | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 100 | P12 BPSK | 1 | 1 | 2435 | | | | | |
| 100 | P12 BPSK | 1 | 137 | 2426 | | | 25.7 | 0.0 | |
| 100 | P12 BPSK | 1 | 271 | 2417 | | | | | |
| 100 | P12 BPSK | 108 | 6 | 2428 | | | 26.3 | 0.5 | |
| 100 | P12 BPSK | 135 | 66 | 2429 | | | 25.7 | 0.0 | |
| 100 | P12 BPSK | 150 | 138 | 2420 | | | 24.3 | 0.5 | |
| 100 | P12 BPSK | 270 | 0 | 2425 | | | 25.3 | 0.5 | |
| 100 | QPSK | 1 | 1 | 2424 | | | | | |
| 100 | QPSK | 1 | 137 | 2423 | | | 25.7 | 0.0 | |
| 100 | QPSK | 1 | 271 | 2422 | | | | | |
| 100 | QPSK | 108 | 6 | 2421 | | | | | |
| 100 | QPSK | 135 | 66 | 2420 | | | 25.7 | 0.0 | |
| 100 | QPSK | 150 | 138 | 2419 | | | 24.7 | 1.0 | |
| 100 | QPSK | 270 | 0 | 2424 | | | 24.7 | 1.0 | |
| 100 | 16QAM | 1 | 1 | 2425 | | | 24.7 | 1.0 | |
| 100 | 16QAM | 1 | 1 | 2424 | | | 23.7 | 2.5 | |
| 100 | 256QAM | 1 | 1 | 1813 | | | 21.0 | 4.5 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 30 | P12 BPSK | 1 | 1 | 30000 | 30000 | 30000 | 25.7 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 30 | P12 BPSK | 1 | 1 | 30002 | 30002 | 30002 | 25.7 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 50 | P12 BPSK | 1 | 1 | 50004 | 50004 | 50004 | 25.7 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 50 | P12 BPSK | 1 | 1 | 50006 | 50006 | 50006 | 25.7 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 60 | P12 BPSK | 1 | 1 | 2436 | 2436 | 2436 | 25.7 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 50 | P12 BPSK | 1 | 1 | 2437 | 2437 | 2437 | 25.7 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 40 | P12 BPSK | 1 | 1 | 2438 | 2438 | 2438 | 25.7 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 30 | P12 BPSK | 1 | 1 | 2439 | 2439 | 2439 | 25.7 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 30 | P12 BPSK | 1 | 1 | 2440 | 2440 | 2440 | 25.7 | 0.0 | |

| Part27O n78_Ant 5 PC3 | | | | | | | | | |
|-----------------------|------------|---------|-----------|----------------------|----------------------|-----------------------|--------------------|----------|--|
| DW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. (F/Hz) | Power Max Ch. (F/Hz) | Power High Ch. (F/Hz) | Turn-up time (MHz) | MFR (dB) | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 100 | P12 BPSK | 1 | 1 | 2435 | | | | | |
| 100 | P12 BPSK | 1 | 137 | 2426 | | | 25.7 | 0.0 | |
| 100 | P12 BPSK | 1 | 271 | 2417 | | | | | |
| 100 | P12 BPSK | 108 | 6 | 2428 | | | 26.3 | 0.5 | |
| 100 | P12 BPSK | 135 | 66 | 2429 | | | 25.7 | 0.0 | |
| 100 | P12 BPSK | 150 | 138 | 2420 | | | 24.3 | 0.5 | |
| 100 | P12 BPSK | 270 | 0 | 2425 | | | 25.3 | 0.5 | |
| 100 | QPSK | 1 | 1 | 2424 | | | | | |
| 100 | QPSK | 1 | 137 | 2423 | | | 25.7 | 0.0 | |
| 100 | QPSK | 1 | 271 | 2422 | | | | | |
| 100 | QPSK | 108 | 6 | 2421 | | | | | |
| 100 | QPSK | 135 | 66 | 2420 | | | 25.7 | 0.0 | |
| 100 | QPSK | 150 | 138 | 2419 | | | 24.7 | 1.0 | |
| 100 | QPSK | 270 | 0 | 2424 | | | 24.7 | 1.0 | |
| 100 | 16QAM | 1 | 1 | 2425 | | | 24.7 | 1.0 | |
| 100 | 16QAM | 1 | 1 | 2424 | | | 23.7 | 2.5 | |
| 100 | 256QAM | 1 | 1 | 1813 | | | 21.0 | 4.5 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 30 | P12 BPSK | 1 | 1 | 30000 | 30000 | 30000 | 25.7 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 30 | P12 BPSK | 1 | 1 | 30002 | 30002 | 30002 | 25.7 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 50 | P12 BPSK | 1 | 1 | 50004 | 50004 | 50004 | 25.7 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 50 | P12 BPSK | 1 | 1 | 50006 | 50006 | 50006 | 25.7 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 60 | P12 BPSK | 1 | 1 | 2436 | 2436 | 2436 | 25.7 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 50 | P12 BPSK | 1 | 1 | 2437 | 2437 | 2437 | 25.7 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 40 | P12 BPSK | 1 | 1 | 2438 | 2438 | 2438 | 25.7 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 30 | P12 BPSK | 1 | 1 | 2439 | 2439 | 2439 | 25.7 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 30 | P12 BPSK | 1 | 1 | 2440 | 2440 | 2440 | 25.7 | 0.0 | |



Reduced Power for DSI 5

| Par27Q n77_Ant 4 | | | | | | | | | |
|------------------|------------|---------|-----------|-----------------------|-----------------------|------------------------|--------------------|----------|--|
| SW (MHz) | Modulation | IS Size | IS Offset | Power Low Ch. F/Freq. | Power Mid Ch. F/Freq. | Power High Ch. F/Freq. | Turn-up Int. (min) | MFR (dB) | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 100 | P12 BPSK | 1 | 1 | 18.80 | 18.80 | 18.80 | 20.0 | 0.0 | |
| 100 | P12 BPSK | 1 | 137 | 18.74 | 18.74 | 18.74 | 20.0 | 0.0 | |
| 100 | P12 BPSK | 1 | 271 | 18.61 | 18.61 | 18.61 | 20.0 | 0.0 | |
| 100 | P12 BPSK | 150 | 0 | 18.82 | 18.82 | 18.82 | 20.0 | 0.0 | |
| 100 | P12 BPSK | 150 | 68 | 18.82 | 18.82 | 18.82 | 20.0 | 0.0 | |
| 100 | P12 BPSK | 150 | 138 | 18.82 | 18.82 | 18.82 | 20.0 | 0.0 | |
| 100 | P12 BPSK | 200 | 0 | 18.72 | 18.72 | 18.72 | 20.0 | 0.0 | |
| 100 | QPSK | 1 | 1 | 18.54 | 18.54 | 18.54 | 20.0 | 0.0 | |
| 100 | QPSK | 1 | 137 | 18.47 | 18.47 | 18.47 | 20.0 | 0.0 | |
| 100 | QPSK | 1 | 271 | 18.31 | 18.31 | 18.31 | 20.0 | 0.0 | |
| 100 | QPSK | 150 | 0 | 18.54 | 18.54 | 18.54 | 20.0 | 0.0 | |
| 100 | QPSK | 150 | 68 | 18.54 | 18.54 | 18.54 | 20.0 | 0.0 | |
| 100 | QPSK | 150 | 138 | 18.54 | 18.54 | 18.54 | 20.0 | 0.0 | |
| 100 | QPSK | 200 | 0 | 18.42 | 18.42 | 18.42 | 20.0 | 0.0 | |
| 100 | HQDM | 1 | 1 | 18.07 | 18.07 | 18.07 | 20.0 | 0.0 | |
| 100 | IQDM | 1 | 1 | 18.04 | 18.04 | 18.04 | 20.0 | 0.0 | |
| 100 | IQDM | 1 | 1 | 18.04 | 18.04 | 18.04 | 20.0 | 0.0 | |
| 100 | IQDM | 1 | 1 | 18.04 | 18.04 | 18.04 | 20.0 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 80 | P12 BPSK | 1 | 1 | 18.82 | 18.82 | 18.82 | 20.0 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 80 | P12 BPSK | 1 | 1 | 18.80 | 18.80 | 18.80 | 20.0 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 40 | P12 BPSK | 1 | 1 | 18.80 | 18.80 | 18.80 | 20.0 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 30 | P12 BPSK | 1 | 1 | 18.80 | 18.80 | 18.80 | 20.0 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 30 | P12 BPSK | 1 | 1 | 18.80 | 18.80 | 18.80 | 20.0 | 0.0 | |

| Par27Q n77_Ant 4 | | | | | | | | | |
|------------------|------------|---------|-----------|-----------------------|-----------------------|------------------------|--------------------|----------|--|
| SW (MHz) | Modulation | IS Size | IS Offset | Power Low Ch. F/Freq. | Power Mid Ch. F/Freq. | Power High Ch. F/Freq. | Turn-up Int. (min) | MFR (dB) | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 100 | P12 BPSK | 1 | 1 | 18.70 | 18.70 | 18.70 | 20.0 | 0.0 | |
| 100 | P12 BPSK | 1 | 137 | 18.25 | 18.25 | 18.25 | 20.0 | 0.0 | |
| 100 | P12 BPSK | 1 | 271 | 18.25 | 18.25 | 18.25 | 20.0 | 0.0 | |
| 100 | P12 BPSK | 150 | 0 | 18.21 | 18.21 | 18.21 | 20.0 | 0.0 | |
| 100 | P12 BPSK | 150 | 68 | 18.21 | 18.21 | 18.21 | 20.0 | 0.0 | |
| 100 | P12 BPSK | 150 | 138 | 18.21 | 18.21 | 18.21 | 20.0 | 0.0 | |
| 100 | P12 BPSK | 200 | 0 | 18.15 | 18.15 | 18.15 | 20.0 | 0.0 | |
| 100 | QPSK | 1 | 1 | 18.25 | 18.25 | 18.25 | 20.0 | 0.0 | |
| 100 | QPSK | 1 | 137 | 18.24 | 18.24 | 18.24 | 20.0 | 0.0 | |
| 100 | QPSK | 1 | 271 | 18.14 | 18.14 | 18.14 | 20.0 | 0.0 | |
| 100 | QPSK | 150 | 0 | 18.25 | 18.25 | 18.25 | 20.0 | 0.0 | |
| 100 | QPSK | 150 | 68 | 18.25 | 18.25 | 18.25 | 20.0 | 0.0 | |
| 100 | QPSK | 150 | 138 | 18.25 | 18.25 | 18.25 | 20.0 | 0.0 | |
| 100 | QPSK | 200 | 0 | 18.21 | 18.21 | 18.21 | 20.0 | 0.0 | |
| 100 | HQDM | 1 | 1 | 18.21 | 18.21 | 18.21 | 20.0 | 0.0 | |
| 100 | IQDM | 1 | 1 | 18.20 | 18.20 | 18.20 | 20.0 | 0.0 | |
| 100 | IQDM | 1 | 1 | 18.20 | 18.20 | 18.20 | 20.0 | 0.0 | |
| 100 | IQDM | 1 | 1 | 18.20 | 18.20 | 18.20 | 20.0 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 80 | P12 BPSK | 1 | 1 | 18.17 | 18.17 | 18.17 | 20.0 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 80 | P12 BPSK | 1 | 1 | 18.25 | 18.25 | 18.25 | 20.0 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 40 | P12 BPSK | 1 | 1 | 18.25 | 18.25 | 18.25 | 20.0 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 30 | P12 BPSK | 1 | 1 | 18.25 | 18.25 | 18.25 | 20.0 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 30 | P12 BPSK | 1 | 1 | 18.25 | 18.25 | 18.25 | 20.0 | 0.0 | |

| Par27Q n77_Ant 5 | | | | | | | | | |
|------------------|------------|---------|-----------|-----------------------|-----------------------|------------------------|--------------------|----------|--|
| SW (MHz) | Modulation | IS Size | IS Offset | Power Low Ch. F/Freq. | Power Mid Ch. F/Freq. | Power High Ch. F/Freq. | Turn-up Int. (min) | MFR (dB) | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 100 | P12 BPSK | 1 | 1 | 18.76 | 18.76 | 18.76 | 18.2 | 0.0 | |
| 100 | P12 BPSK | 1 | 137 | 18.26 | 18.26 | 18.26 | 18.2 | 0.0 | |
| 100 | P12 BPSK | 1 | 271 | 18.27 | 18.27 | 18.27 | 18.2 | 0.0 | |
| 100 | P12 BPSK | 150 | 0 | 18.21 | 18.21 | 18.21 | 18.2 | 0.0 | |
| 100 | P12 BPSK | 150 | 68 | 18.21 | 18.21 | 18.21 | 18.2 | 0.0 | |
| 100 | P12 BPSK | 150 | 138 | 18.21 | 18.21 | 18.21 | 18.2 | 0.0 | |
| 100 | P12 BPSK | 200 | 0 | 18.15 | 18.15 | 18.15 | 18.2 | 0.0 | |
| 100 | QPSK | 1 | 1 | 18.25 | 18.25 | 18.25 | 18.2 | 0.0 | |
| 100 | QPSK | 1 | 137 | 18.21 | 18.21 | 18.21 | 18.2 | 0.0 | |
| 100 | QPSK | 1 | 271 | 18.27 | 18.27 | 18.27 | 18.2 | 0.0 | |
| 100 | QPSK | 150 | 0 | 18.25 | 18.25 | 18.25 | 18.2 | 0.0 | |
| 100 | QPSK | 150 | 68 | 18.25 | 18.25 | 18.25 | 18.2 | 0.0 | |
| 100 | QPSK | 150 | 138 | 18.25 | 18.25 | 18.25 | 18.2 | 0.0 | |
| 100 | QPSK | 200 | 0 | 18.21 | 18.21 | 18.21 | 18.2 | 0.0 | |
| 100 | HQDM | 1 | 1 | 18.24 | 18.24 | 18.24 | 18.2 | 0.0 | |
| 100 | IQDM | 1 | 1 | 18.22 | 18.22 | 18.22 | 18.2 | 0.0 | |
| 100 | IQDM | 1 | 1 | 18.22 | 18.22 | 18.22 | 18.2 | 0.0 | |
| 100 | IQDM | 1 | 1 | 18.22 | 18.22 | 18.22 | 18.2 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 80 | P12 BPSK | 1 | 1 | 18.16 | 18.16 | 18.16 | 18.2 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 80 | P12 BPSK | 1 | 1 | 18.25 | 18.25 | 18.25 | 18.2 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 40 | P12 BPSK | 1 | 1 | 18.25 | 18.25 | 18.25 | 18.2 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 30 | P12 BPSK | 1 | 1 | 18.25 | 18.25 | 18.25 | 18.2 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 30 | P12 BPSK | 1 | 1 | 18.25 | 18.25 | 18.25 | 18.2 | 0.0 | |

| Par27Q n77_Ant 5 | | | | | | | | | |
|------------------|------------|---------|-----------|-----------------------|-----------------------|------------------------|--------------------|----------|--|
| SW (MHz) | Modulation | IS Size | IS Offset | Power Low Ch. F/Freq. | Power Mid Ch. F/Freq. | Power High Ch. F/Freq. | Turn-up Int. (min) | MFR (dB) | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 100 | P12 BPSK | 1 | 1 | 18.76 | 18.76 | 18.76 | 18.2 | 0.0 | |
| 100 | P12 BPSK | 1 | 137 | 18.26 | 18.26 | 18.26 | 18.2 | 0.0 | |
| 100 | P12 BPSK | 1 | 271 | 18.26 | 18.26 | 18.26 | 18.2 | 0.0 | |
| 100 | P12 BPSK | 150 | 0 | 18.20 | 18.20 | 18.20 | 18.2 | 0.0 | |
| 100 | P12 BPSK | 150 | 68 | 18.20 | 18.20 | 18.20 | 18.2 | 0.0 | |
| 100 | P12 BPSK | 150 | 138 | 18.20 | 18.20 | 18.20 | 18.2 | 0.0 | |
| 100 | P12 BPSK | 200 | 0 | 18.14 | 18.14 | 18.14 | 18.2 | 0.0 | |
| 100 | QPSK | 1 | 1 | 18.25 | 18.25 | 18.25 | 18.2 | 0.0 | |
| 100 | QPSK | 1 | 137 | 18.20 | 18.20 | 18.20 | 18.2 | 0.0 | |
| 100 | QPSK | 1 | 271 | 18.26 | 18.26 | 18.26 | 18.2 | 0.0 | |
| 100 | QPSK | 150 | 0 | 18.25 | 18.25 | 18.25 | 18.2 | 0.0 | |
| 100 | QPSK | 150 | 68 | 18.25 | 18.25 | 18.25 | 18.2 | 0.0 | |
| 100 | QPSK | 150 | 138 | 18.25 | 18.25 | 18.25 | 18.2 | 0.0 | |
| 100 | QPSK | 200 | 0 | 18.20 | 18.20 | 18.20 | 18.2 | 0.0 | |
| 100 | HQDM | 1 | 1 | 18.20 | 18.20 | 18.20 | 18.2 | 0.0 | |
| 100 | IQDM | 1 | 1 | 18.17 | 18.17 | 18.17 | 18.2 | 0.0 | |
| 100 | IQDM | 1 | 1 | 18.17 | 18.17 | 18.17 | 18.2 | 0.0 | |
| 100 | IQDM | 1 | 1 | 18.17 | 18.17 | 18.17 | 18.2 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 80 | P12 BPSK | 1 | 1 | 18.16 | 18.16 | 18.16 | 18.2 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 80 | P12 BPSK | 1 | 1 | 18.25 | 18.25 | 18.25 | 18.2 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 40 | P12 BPSK | 1 | 1 | 18.25 | 18.25 | 18.25 | 18.2 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 30 | P12 BPSK | 1 | 1 | 18.25 | 18.25 | 18.25 | 18.2 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 30 | P12 BPSK | 1 | 1 | 18.25 | 18.25 | 18.25 | 18.2 | 0.0 | |



| Par27Q n77_Ant 6 | | | | | | | | | | |
|------------------|------------|---------|-----------|-----------------------|-----------------------|------------------------|--------------------|----------|-----|--|
| SW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Mid Ch. / Freq. | Power High Ch. / Freq. | Turn-up time (min) | MFR (dB) | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 100 | PV2 BPSK | 1 | 1 | 15.40 | 15.40 | 15.40 | | | | |
| 100 | PV2 BPSK | 1 | 137 | 15.40 | 15.40 | 15.40 | | 16.5 | 0.0 | |
| 100 | PV2 BPSK | 1 | 271 | 15.40 | 15.40 | 15.40 | | | | |
| 100 | PV2 BPSK | 5 | 5 | 15.41 | 15.41 | 15.41 | | 16.5 | 0.0 | |
| 100 | PV2 BPSK | 135 | 65 | 15.51 | 15.51 | 15.51 | | 16.5 | 0.0 | |
| 100 | PV2 BPSK | 135 | 135 | 15.40 | 15.40 | 15.40 | | 16.5 | 0.0 | |
| 100 | PV2 BPSK | 205 | 5 | 15.47 | 15.47 | 15.47 | | 16.5 | 0.0 | |
| 100 | QPSK | 1 | 1 | 15.42 | 15.42 | 15.42 | | 16.5 | 0.0 | |
| 100 | QPSK | 1 | 137 | 15.42 | 15.42 | 15.42 | | 16.5 | 0.0 | |
| 100 | QPSK | 1 | 271 | 15.29 | 15.29 | 15.29 | | | | |
| 100 | QPSK | 5 | 5 | 15.46 | 15.46 | 15.46 | | | | |
| 100 | QPSK | 135 | 65 | 15.52 | 15.52 | 15.52 | | 16.5 | 0.0 | |
| 100 | QPSK | 135 | 135 | 15.35 | 15.35 | 15.35 | | 16.5 | 0.0 | |
| 100 | QPSK | 205 | 5 | 15.47 | 15.47 | 15.47 | | 16.5 | 0.0 | |
| 100 | HCQAM | 1 | 1 | 15.52 | 15.52 | 15.52 | | 16.5 | 0.0 | |
| 100 | HCQAM | 1 | 137 | 15.52 | 15.52 | 15.52 | | 16.5 | 0.0 | |
| 100 | 25QAM | 1 | 1 | 15.52 | 15.52 | 15.52 | | 16.5 | 0.0 | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 80 | PV2 BPSK | 1 | 1 | 15.41 | 15.40 | 15.41 | Turn-up time (min) | MFR (dB) | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 80 | PV2 BPSK | 1 | 1 | 15.40 | 15.40 | 15.40 | Turn-up time (min) | MFR (dB) | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 40 | PV2 BPSK | 1 | 1 | 15.40 | 15.40 | 15.40 | Turn-up time (min) | MFR (dB) | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 30 | PV2 BPSK | 1 | 1 | 15.45 | 15.45 | 15.45 | Turn-up time (min) | MFR (dB) | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 30 | PV2 BPSK | 1 | 1 | 15.47 | 15.47 | 15.47 | Turn-up time (min) | MFR (dB) | | |

| Par27O n77_Ant 6 | | | | | | | | | | |
|------------------|------------|---------|-----------|-----------------------|-----------------------|------------------------|--------------------|----------|-----|--|
| SW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Mid Ch. / Freq. | Power High Ch. / Freq. | Turn-up time (min) | MFR (dB) | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 100 | PV2 BPSK | 1 | 1 | 16.42 | 16.42 | 16.42 | | | | |
| 100 | PV2 BPSK | 1 | 137 | 16.39 | 16.14 | 16.16 | | 16.5 | 0.0 | |
| 100 | PV2 BPSK | 1 | 271 | 16.07 | 16.16 | 16.00 | | | | |
| 100 | PV2 BPSK | 135 | 5 | 16.07 | 16.07 | 16.00 | | 16.5 | 0.0 | |
| 100 | PV2 BPSK | 135 | 65 | 16.07 | 16.00 | 16.00 | | 16.5 | 0.0 | |
| 100 | PV2 BPSK | 205 | 5 | 16.06 | 16.11 | 16.06 | | 16.5 | 0.0 | |
| 100 | QPSK | 1 | 1 | 16.09 | 16.06 | 16.01 | | | | |
| 100 | QPSK | 1 | 137 | 16.04 | 16.18 | 16.04 | | 16.5 | 0.0 | |
| 100 | QPSK | 1 | 271 | 16.32 | 16.03 | 16.04 | | | | |
| 100 | QPSK | 5 | 5 | 16.05 | 16.06 | 16.06 | | | | |
| 100 | QPSK | 135 | 65 | 16.15 | 16.15 | 16.14 | | 16.5 | 0.0 | |
| 100 | QPSK | 135 | 135 | 16.05 | 16.06 | 16.00 | | 16.5 | 0.0 | |
| 100 | QPSK | 205 | 5 | 16.04 | 16.18 | 16.00 | | 16.5 | 0.0 | |
| 100 | HCQAM | 1 | 1 | 16.10 | 16.15 | 16.16 | | 16.5 | 0.0 | |
| 100 | HCQAM | 1 | 137 | 16.05 | 16.16 | 16.06 | | 16.5 | 0.0 | |
| 100 | 25QAM | 1 | 1 | 16.05 | 16.07 | 16.06 | | 16.5 | 0.0 | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 80 | PV2 BPSK | 1 | 1 | 16.40 | 16.39 | 16.41 | Turn-up time (min) | MFR (dB) | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 80 | PV2 BPSK | 1 | 1 | 16.42 | 16.35 | 16.49 | Turn-up time (min) | MFR (dB) | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 40 | PV2 BPSK | 1 | 1 | 16.43 | 16.39 | 16.44 | Turn-up time (min) | MFR (dB) | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 30 | PV2 BPSK | 1 | 1 | 16.45 | 16.41 | 16.45 | Turn-up time (min) | MFR (dB) | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 30 | PV2 BPSK | 1 | 1 | 16.45 | 16.41 | 16.40 | Turn-up time (min) | MFR (dB) | | |

| Par27Q n77_Ant 7 | | | | | | | | | | |
|------------------|------------|---------|-----------|-----------------------|-----------------------|------------------------|--------------------|----------|-----|--|
| SW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Mid Ch. / Freq. | Power High Ch. / Freq. | Turn-up time (min) | MFR (dB) | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 100 | PV2 BPSK | 1 | 1 | 15.36 | 15.36 | 15.36 | | | | |
| 100 | PV2 BPSK | 1 | 137 | 15.32 | 15.32 | 15.32 | | 16.5 | 0.0 | |
| 100 | PV2 BPSK | 1 | 271 | 15.54 | 15.54 | 15.54 | | | | |
| 100 | PV2 BPSK | 135 | 5 | 15.72 | 15.72 | 15.72 | | 16.5 | 0.0 | |
| 100 | PV2 BPSK | 135 | 65 | 15.80 | 15.80 | 15.80 | | 16.5 | 0.0 | |
| 100 | PV2 BPSK | 205 | 5 | 15.80 | 15.80 | 15.80 | | 16.5 | 0.0 | |
| 100 | QPSK | 1 | 1 | 15.76 | 15.76 | 15.76 | | 16.5 | 0.0 | |
| 100 | QPSK | 1 | 137 | 15.76 | 15.76 | 15.76 | | 16.5 | 0.0 | |
| 100 | QPSK | 1 | 271 | 15.29 | 15.29 | 15.29 | | | | |
| 100 | QPSK | 5 | 5 | 15.74 | 15.74 | 15.74 | | | | |
| 100 | QPSK | 135 | 65 | 15.70 | 15.70 | 15.70 | | 16.5 | 0.0 | |
| 100 | QPSK | 135 | 135 | 15.57 | 15.57 | 15.57 | | 16.5 | 0.0 | |
| 100 | QPSK | 205 | 5 | 15.60 | 15.60 | 15.60 | | 16.5 | 0.0 | |
| 100 | HCQAM | 1 | 1 | 15.81 | 15.81 | 15.81 | | 16.5 | 0.0 | |
| 100 | HCQAM | 1 | 137 | 15.66 | 15.66 | 15.66 | | 16.5 | 0.0 | |
| 100 | 25QAM | 1 | 1 | 15.77 | 15.77 | 15.77 | | 16.5 | 0.0 | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 80 | PV2 BPSK | 1 | 1 | 15.35 | 15.31 | 15.71 | Turn-up time (min) | MFR (dB) | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 80 | PV2 BPSK | 1 | 1 | 15.36 | 15.32 | 15.67 | Turn-up time (min) | MFR (dB) | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 40 | PV2 BPSK | 1 | 1 | 15.36 | 15.36 | 15.36 | Turn-up time (min) | MFR (dB) | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 30 | PV2 BPSK | 1 | 1 | 15.54 | 15.76 | 16.01 | Turn-up time (min) | MFR (dB) | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 30 | PV2 BPSK | 1 | 1 | 15.71 | 15.76 | 15.60 | Turn-up time (min) | MFR (dB) | | |

| Par27O n77_Ant 7 | | | | | | | | | | |
|------------------|------------|---------|-----------|-----------------------|-----------------------|------------------------|--------------------|----------|-----|--|
| SW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Mid Ch. / Freq. | Power High Ch. / Freq. | Turn-up time (min) | MFR (dB) | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 100 | PV2 BPSK | 1 | 1 | 16.36 | 16.36 | 16.36 | | | | |
| 100 | PV2 BPSK | 1 | 137 | 16.32 | 16.37 | 16.37 | | 16.5 | 0.0 | |
| 100 | PV2 BPSK | 1 | 271 | 16.76 | 16.76 | 16.76 | | | | |
| 100 | PV2 BPSK | 135 | 5 | 16.76 | 16.67 | 16.68 | | 16.5 | 0.0 | |
| 100 | PV2 BPSK | 135 | 65 | 16.80 | 16.60 | 16.60 | | 16.5 | 0.0 | |
| 100 | PV2 BPSK | 205 | 5 | 16.80 | 16.60 | 16.60 | | 16.5 | 0.0 | |
| 100 | QPSK | 1 | 1 | 16.81 | 16.81 | 16.81 | | 16.5 | 0.0 | |
| 100 | QPSK | 1 | 137 | 16.76 | 16.84 | 16.84 | | 16.5 | 0.0 | |
| 100 | QPSK | 1 | 271 | 16.70 | 16.74 | 16.69 | | | | |
| 100 | QPSK | 5 | 5 | 16.80 | 16.80 | 16.80 | | | | |
| 100 | QPSK | 135 | 65 | 16.87 | 16.70 | 16.70 | | 16.5 | 0.0 | |
| 100 | QPSK | 135 | 135 | 16.72 | 16.86 | 16.70 | | 16.5 | 0.0 | |
| 100 | QPSK | 205 | 5 | 16.80 | 16.80 | 16.80 | | 16.5 | 0.0 | |
| 100 | HCQAM | 1 | 1 | 16.80 | 16.87 | 16.83 | | 16.5 | 0.0 | |
| 100 | HCQAM | 1 | 137 | 16.80 | 16.80 | 16.80 | | 16.5 | 0.0 | |
| 100 | 25QAM | 1 | 1 | 16.80 | 16.80 | 16.80 | | 16.5 | 0.0 | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 80 | PV2 BPSK | 1 | 1 | 16.80 | 16.80 | 16.87 | Turn-up time (min) | MFR (dB) | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 80 | PV2 BPSK | 1 | 1 | 16.80 | 16.80 | 16.87 | Turn-up time (min) | MFR (dB) | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 40 | PV2 BPSK | 1 | 1 | 16.80 | 16.80 | 16.80 | Turn-up time (min) | MFR (dB) | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 30 | PV2 BPSK | 1 | 1 | 16.80 | 16.80 | 16.86 | Turn-up time (min) | MFR (dB) | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 30 | PV2 BPSK | 1 | 1 | 16.81 | 16.80 | 16.80 | Turn-up time (min) | MFR (dB) | | |



| Part27Q n78_Ant 4 PC3 | | | | | | | | | | |
|-----------------------|------------|---------|-----------|----------------------|-----------------------|---------------------|---------------------|-----------|--|--|
| SV (MHz) | Modulation | RB Size | RB Offset | Power Line Ch./Freq. | Power Modem Ch./Freq. | Power HPA Ch./Freq. | Through Rate (Mbps) | MTSR (dB) | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 100 | PV2 BPSK | 1 | 1 | 1820 | 1820 | 1820 | 21.0 | 0.0 | | |
| 100 | PV2 BPSK | 1 | 1 | 1827 | 1827 | 1827 | 21.0 | 0.0 | | |
| 100 | PV2 BPSK | 1 | 1 | 1834 | 1834 | 1834 | 21.0 | 0.0 | | |
| 100 | PV2 BPSK | 100 | 99 | 1838 | 1838 | 1838 | 21.0 | 0.0 | | |
| 100 | PV2 BPSK | 100 | 98 | 1845 | 1845 | 1845 | 21.0 | 0.0 | | |
| 100 | PV2 BPSK | 100 | 97 | 1852 | 1852 | 1852 | 21.0 | 0.0 | | |
| 100 | QPSK | 1 | 1 | 1858 | 1858 | 1858 | 21.0 | 0.0 | | |
| 100 | QPSK | 1 | 1 | 1865 | 1865 | 1865 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 99 | 1869 | 1869 | 1869 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 98 | 1876 | 1876 | 1876 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 97 | 1883 | 1883 | 1883 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 96 | 1890 | 1890 | 1890 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 95 | 1897 | 1897 | 1897 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 94 | 1904 | 1904 | 1904 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 93 | 1911 | 1911 | 1911 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 92 | 1918 | 1918 | 1918 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 91 | 1925 | 1925 | 1925 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 90 | 1932 | 1932 | 1932 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 89 | 1939 | 1939 | 1939 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 88 | 1946 | 1946 | 1946 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 87 | 1953 | 1953 | 1953 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 86 | 1960 | 1960 | 1960 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 85 | 1967 | 1967 | 1967 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 84 | 1974 | 1974 | 1974 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 83 | 1981 | 1981 | 1981 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 82 | 1988 | 1988 | 1988 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 81 | 1995 | 1995 | 1995 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 80 | 2002 | 2002 | 2002 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 79 | 2009 | 2009 | 2009 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 78 | 2016 | 2016 | 2016 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 77 | 2023 | 2023 | 2023 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 76 | 2030 | 2030 | 2030 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 75 | 2037 | 2037 | 2037 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 74 | 2044 | 2044 | 2044 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 73 | 2051 | 2051 | 2051 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 72 | 2058 | 2058 | 2058 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 71 | 2065 | 2065 | 2065 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 70 | 2072 | 2072 | 2072 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 69 | 2079 | 2079 | 2079 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 68 | 2086 | 2086 | 2086 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 67 | 2093 | 2093 | 2093 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 66 | 2100 | 2100 | 2100 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 65 | 2107 | 2107 | 2107 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 64 | 2114 | 2114 | 2114 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 63 | 2121 | 2121 | 2121 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 62 | 2128 | 2128 | 2128 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 61 | 2135 | 2135 | 2135 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 60 | 2142 | 2142 | 2142 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 59 | 2149 | 2149 | 2149 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 58 | 2156 | 2156 | 2156 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 57 | 2163 | 2163 | 2163 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 56 | 2170 | 2170 | 2170 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 55 | 2177 | 2177 | 2177 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 54 | 2184 | 2184 | 2184 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 53 | 2191 | 2191 | 2191 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 52 | 2198 | 2198 | 2198 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 51 | 2205 | 2205 | 2205 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 50 | 2212 | 2212 | 2212 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 49 | 2219 | 2219 | 2219 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 48 | 2226 | 2226 | 2226 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 47 | 2233 | 2233 | 2233 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 46 | 2240 | 2240 | 2240 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 45 | 2247 | 2247 | 2247 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 44 | 2254 | 2254 | 2254 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 43 | 2261 | 2261 | 2261 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 42 | 2268 | 2268 | 2268 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 41 | 2275 | 2275 | 2275 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 40 | 2282 | 2282 | 2282 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 39 | 2289 | 2289 | 2289 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 38 | 2296 | 2296 | 2296 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 37 | 2303 | 2303 | 2303 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 36 | 2310 | 2310 | 2310 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 35 | 2317 | 2317 | 2317 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 34 | 2324 | 2324 | 2324 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 33 | 2331 | 2331 | 2331 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 32 | 2338 | 2338 | 2338 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 31 | 2345 | 2345 | 2345 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 30 | 2352 | 2352 | 2352 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 29 | 2359 | 2359 | 2359 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 28 | 2366 | 2366 | 2366 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 27 | 2373 | 2373 | 2373 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 26 | 2380 | 2380 | 2380 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 25 | 2387 | 2387 | 2387 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 24 | 2394 | 2394 | 2394 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 23 | 2401 | 2401 | 2401 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 22 | 2408 | 2408 | 2408 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 21 | 2415 | 2415 | 2415 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 20 | 2422 | 2422 | 2422 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 19 | 2429 | 2429 | 2429 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 18 | 2436 | 2436 | 2436 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 17 | 2443 | 2443 | 2443 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 16 | 2450 | 2450 | 2450 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 15 | 2457 | 2457 | 2457 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 14 | 2464 | 2464 | 2464 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 13 | 2471 | 2471 | 2471 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 12 | 2478 | 2478 | 2478 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 11 | 2485 | 2485 | 2485 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 10 | 2492 | 2492 | 2492 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 9 | 2499 | 2499 | 2499 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 8 | 2506 | 2506 | 2506 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 7 | 2513 | 2513 | 2513 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 6 | 2520 | 2520 | 2520 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 5 | 2527 | 2527 | 2527 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 4 | 2534 | 2534 | 2534 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 3 | 2541 | 2541 | 2541 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 2 | 2548 | 2548 | 2548 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 1 | 2555 | 2555 | 2555 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 0 | 2562 | 2562 | 2562 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 0 | 2569 | 2569 | 2569 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 0 | 2576 | 2576 | 2576 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 0 | 2583 | 2583 | 2583 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 0 | 2590 | 2590 | 2590 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 0 | 2597 | 2597 | 2597 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 0 | 2604 | 2604 | 2604 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 0 | 2611 | 2611 | 2611 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 0 | 2618 | 2618 | 2618 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 0 | 2625 | 2625 | 2625 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 0 | 2632 | 2632 | 2632 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 0 | 2639 | 2639 | 2639 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 0 | 2646 | 2646 | 2646 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 0 | 2653 | 2653 | 2653 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 0 | 2660 | 2660 | 2660 | 21.0 | 0.0 | | |
| 100 | QPSK | 100 | 0 | 2667 | 2667 | | | | | |



Full Power Mode for 5GNR Main PA(ENDC)

| 5W (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. (Freq) | Power Max Ch. (Freq) | Power High Ch. (Freq) | Turn-up time (ms) | MPT (dB) |
|-----------------------|------------|---------|-----------|----------------------|----------------------|-----------------------|-------------------|----------|
| Part27Q n78_Ant 4 PC3 | | | | | | | | |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 100 | PB20BPSK | 1 | 1 | 2332 | 2332 | 2332 | 25.0 | 0.0 |
| 100 | PB20BPSK | 1 | 137 | 2328 | 2328 | 2328 | 25.0 | 0.0 |
| 100 | PB20BPSK | 1 | 271 | 2324 | 2324 | 2324 | 24.5 | 0.5 |
| 100 | PB20BPSK | 100 | 0 | 2331 | 2331 | 2331 | 25.0 | 0.0 |
| 100 | PB20BPSK | 100 | 66 | 2329 | 2329 | 2329 | 24.0 | 0.5 |
| 100 | QPSK | 1 | 1 | 2329 | 2329 | 2329 | 25.0 | 0.0 |
| 100 | QPSK | 1 | 137 | 2325 | 2325 | 2325 | 25.0 | 0.0 |
| 100 | QPSK | 1 | 271 | 2321 | 2321 | 2321 | 24.0 | 1.0 |
| 100 | QPSK | 100 | 0 | 2328 | 2328 | 2328 | 24.0 | 1.0 |
| 100 | QPSK | 100 | 66 | 2326 | 2326 | 2326 | 25.0 | 0.0 |
| 100 | QPSK | 100 | 134 | 2324 | 2324 | 2324 | 24.0 | 1.0 |
| 100 | 100QAM | 1 | 1 | 2325 | 2325 | 2325 | 24.0 | 1.0 |
| 100 | 100QAM | 1 | 1 | 2326 | 2326 | 2326 | 23.5 | 2.5 |
| 100 | 256QAM | 1 | 1 | 1827 | 1827 | 1827 | 20.5 | 1.5 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 30 | PB20BPSK | 1 | 1 | 2318 | 2322 | 2316 | 23.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 80 | PB20BPSK | 1 | 1 | 2324 | 2324 | 2324 | 23.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 60 | PB20BPSK | 1 | 1 | 2319 | 2323 | 2319 | 23.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 50 | PB20BPSK | 1 | 1 | 2318 | 2322 | 2312 | 23.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 40 | PB20BPSK | 1 | 1 | 2320 | 2320 | 2312 | 23.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 30 | PB20BPSK | 1 | 1 | 2318 | 2322 | 2321 | 23.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 20 | PB20BPSK | 1 | 1 | 2317 | 2323 | 2318 | 23.0 | 0.0 |

| 5W (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. (Freq) | Power Max Ch. (Freq) | Power High Ch. (Freq) | Turn-up time (ms) | MPT (dB) |
|-----------------------|------------|---------|-----------|----------------------|----------------------|-----------------------|-------------------|----------|
| Part27O n78_Ant 4 PC3 | | | | | | | | |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 100 | PB20BPSK | 1 | 1 | 2335 | 2335 | 2335 | 25.0 | 0.0 |
| 100 | PB20BPSK | 1 | 137 | 2331 | 2331 | 2331 | 24.5 | 0.5 |
| 100 | PB20BPSK | 1 | 271 | 2327 | 2327 | 2327 | 24.0 | 1.0 |
| 100 | PB20BPSK | 100 | 0 | 2334 | 2334 | 2334 | 25.0 | 0.0 |
| 100 | PB20BPSK | 100 | 66 | 2332 | 2332 | 2332 | 24.5 | 0.5 |
| 100 | QPSK | 1 | 1 | 2334 | 2334 | 2334 | 25.0 | 0.0 |
| 100 | QPSK | 1 | 137 | 2330 | 2330 | 2330 | 25.0 | 0.0 |
| 100 | QPSK | 1 | 271 | 2326 | 2326 | 2326 | 24.5 | 1.0 |
| 100 | QPSK | 100 | 0 | 2333 | 2333 | 2333 | 25.0 | 0.0 |
| 100 | QPSK | 100 | 66 | 2331 | 2331 | 2331 | 24.5 | 1.0 |
| 100 | QPSK | 100 | 134 | 2329 | 2329 | 2329 | 24.0 | 1.0 |
| 100 | 100QAM | 1 | 1 | 2328 | 2328 | 2328 | 24.0 | 1.0 |
| 100 | 100QAM | 1 | 1 | 2329 | 2329 | 2329 | 23.5 | 2.5 |
| 100 | 256QAM | 1 | 1 | 1843 | 1843 | 1843 | 20.5 | 1.5 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 30 | PB20BPSK | 1 | 1 | 2319 | 2323 | 2313 | 23.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 80 | PB20BPSK | 1 | 1 | 2325 | 2325 | 2325 | 23.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 60 | PB20BPSK | 1 | 1 | 2320 | 2324 | 2320 | 23.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 50 | PB20BPSK | 1 | 1 | 2319 | 2323 | 2313 | 23.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 40 | PB20BPSK | 1 | 1 | 2321 | 2323 | 2315 | 23.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 30 | PB20BPSK | 1 | 1 | 2319 | 2323 | 2321 | 23.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 20 | PB20BPSK | 1 | 1 | 2317 | 2323 | 2318 | 23.0 | 0.0 |

| 5W (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. (Freq) | Power Max Ch. (Freq) | Power High Ch. (Freq) | Turn-up time (ms) | MPT (dB) |
|-----------------------|------------|---------|-----------|----------------------|----------------------|-----------------------|-------------------|----------|
| Part27Q n78_Ant 5 PC3 | | | | | | | | |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 100 | PB20BPSK | 1 | 1 | 2445 | 2445 | 2445 | 25.7 | 0.0 |
| 100 | PB20BPSK | 1 | 137 | 2441 | 2441 | 2441 | 25.7 | 0.0 |
| 100 | PB20BPSK | 1 | 271 | 2437 | 2437 | 2437 | 25.3 | 0.5 |
| 100 | PB20BPSK | 100 | 0 | 2444 | 2444 | 2444 | 25.7 | 0.0 |
| 100 | PB20BPSK | 100 | 66 | 2442 | 2442 | 2442 | 25.3 | 0.5 |
| 100 | QPSK | 1 | 1 | 2444 | 2444 | 2444 | 25.7 | 0.0 |
| 100 | QPSK | 1 | 137 | 2440 | 2440 | 2440 | 25.7 | 0.0 |
| 100 | QPSK | 1 | 271 | 2436 | 2436 | 2436 | 25.3 | 0.5 |
| 100 | QPSK | 100 | 0 | 2443 | 2443 | 2443 | 25.7 | 0.0 |
| 100 | QPSK | 100 | 66 | 2441 | 2441 | 2441 | 25.3 | 0.5 |
| 100 | QPSK | 100 | 134 | 2439 | 2439 | 2439 | 24.7 | 1.0 |
| 100 | 100QAM | 1 | 1 | 2438 | 2438 | 2438 | 24.7 | 1.0 |
| 100 | 100QAM | 1 | 1 | 2439 | 2439 | 2439 | 24.2 | 2.5 |
| 100 | 256QAM | 1 | 1 | 1813 | 1813 | 1813 | 21.2 | 1.5 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 30 | PB20BPSK | 1 | 1 | 2446 | 2450 | 2440 | 25.7 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 80 | PB20BPSK | 1 | 1 | 2442 | 2442 | 2442 | 25.7 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 60 | PB20BPSK | 1 | 1 | 2437 | 2441 | 2437 | 25.7 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 50 | PB20BPSK | 1 | 1 | 2447 | 2451 | 2437 | 25.7 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 40 | PB20BPSK | 1 | 1 | 2449 | 2451 | 2450 | 25.7 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 30 | PB20BPSK | 1 | 1 | 2446 | 2450 | 2446 | 25.7 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 20 | PB20BPSK | 1 | 1 | 2444 | 2450 | 2445 | 25.7 | 0.0 |

| 5W (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. (Freq) | Power Max Ch. (Freq) | Power High Ch. (Freq) | Turn-up time (ms) | MPT (dB) |
|-----------------------|------------|---------|-----------|----------------------|----------------------|-----------------------|-------------------|----------|
| Part27O n78_Ant 5 PC3 | | | | | | | | |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 100 | PB20BPSK | 1 | 1 | 2446 | 2446 | 2446 | 25.7 | 0.0 |
| 100 | PB20BPSK | 1 | 137 | 2442 | 2442 | 2442 | 25.7 | 0.0 |
| 100 | PB20BPSK | 1 | 271 | 2438 | 2438 | 2438 | 25.3 | 0.5 |
| 100 | PB20BPSK | 100 | 0 | 2445 | 2445 | 2445 | 25.7 | 0.0 |
| 100 | PB20BPSK | 100 | 66 | 2443 | 2443 | 2443 | 25.3 | 0.5 |
| 100 | QPSK | 1 | 1 | 2445 | 2445 | 2445 | 25.7 | 0.0 |
| 100 | QPSK | 1 | 137 | 2441 | 2441 | 2441 | 25.7 | 0.0 |
| 100 | QPSK | 1 | 271 | 2437 | 2437 | 2437 | 25.3 | 0.5 |
| 100 | QPSK | 100 | 0 | 2444 | 2444 | 2444 | 25.7 | 0.0 |
| 100 | QPSK | 100 | 66 | 2442 | 2442 | 2442 | 25.3 | 0.5 |
| 100 | QPSK | 100 | 134 | 2440 | 2440 | 2440 | 24.7 | 1.0 |
| 100 | 100QAM | 1 | 1 | 2439 | 2439 | 2439 | 24.7 | 1.0 |
| 100 | 100QAM | 1 | 1 | 2440 | 2440 | 2440 | 24.2 | 2.5 |
| 100 | 256QAM | 1 | 1 | 1813 | 1813 | 1813 | 21.2 | 1.5 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 30 | PB20BPSK | 1 | 1 | 2447 | 2451 | 2441 | 25.7 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 80 | PB20BPSK | 1 | 1 | 2443 | 2443 | 2443 | 25.7 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 60 | PB20BPSK | 1 | 1 | 2438 | 2442 | 2438 | 25.7 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 50 | PB20BPSK | 1 | 1 | 2448 | 2452 | 2438 | 25.7 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 40 | PB20BPSK | 1 | 1 | 2450 | 2452 | 2451 | 25.7 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 30 | PB20BPSK | 1 | 1 | 2447 | 2451 | 2447 | 25.7 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 20 | PB20BPSK | 1 | 1 | 2445 | 2451 | 2446 | 25.7 | 0.0 |



Uplink CA Power

| CA_41C_Ant 0 Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | | | | |
|---|-------------|------------|---------|-----------|---------|-----------|---------------|-----------------------|---------------|----------------------|---------------------|
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Total RB Size | Target MPR Level (dB) | DSI | Measured Power (dBm) | Tune up Power (dBm) |
| | | | RB Size | RB offset | RB Size | RB offset | | | | | |
| 39750 | 39948 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | Default Power | 20.83 | 22.00 |
| 40185 | 39987 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | Default Power | 20.9 | 22.00 |
| 40620 | 40422 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | Default Power | 20.95 | 22.00 |
| 41055 | 40857 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | Default Power | 20.83 | 22.00 |
| 41490 | 41292 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | Default Power | 20.81 | 22.00 |
| 39750 | 39948 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 1 | 20.83 | 22.00 |
| 40185 | 39987 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 1 | 20.9 | 22.00 |
| 40620 | 40422 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 1 | 20.95 | 22.00 |
| 41055 | 40857 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 1 | 20.83 | 22.00 |
| 41490 | 41292 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 1 | 20.81 | 22.00 |
| 39750 | 39948 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 3 | 18.74 | 20.00 |
| 40185 | 39987 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 3 | 18.84 | 20.00 |
| 40620 | 40422 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 3 | 18.89 | 20.00 |
| 41055 | 40857 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 3 | 18.81 | 20.00 |
| 41490 | 41292 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 3 | 18.8 | 20.00 |
| 39750 | 39948 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 4 | 20.83 | 22.00 |
| 40185 | 39987 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 4 | 20.9 | 22.00 |
| 40620 | 40422 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 4 | 20.95 | 22.00 |
| 41055 | 40857 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 4 | 20.83 | 22.00 |
| 41490 | 41292 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 4 | 20.81 | 22.00 |
| 39750 | 39948 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 5 | 18.74 | 20.00 |
| 40185 | 39987 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 5 | 18.84 | 20.00 |
| 40620 | 40422 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 5 | 18.89 | 20.00 |
| 41055 | 40857 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 5 | 18.81 | 20.00 |
| 41490 | 41292 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 5 | 18.8 | 20.00 |

| CA_41C_Ant 1 Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | | | | |
|---|-------------|------------|---------|-----------|---------|-----------|---------------|-----------------------|---------------|----------------------|---------------------|
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Total RB Size | Target MPR Level (dB) | DSI | Measured Power (dBm) | Tune up Power (dBm) |
| | | | RB Size | RB offset | RB Size | RB offset | | | | | |
| 39750 | 39948 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | Default Power | 21.62 | 23.00 |
| 40185 | 39987 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | Default Power | 21.64 | 23.00 |
| 40620 | 40422 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | Default Power | 21.73 | 23.00 |
| 41055 | 40857 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | Default Power | 21.66 | 23.00 |
| 41490 | 41292 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | Default Power | 21.65 | 23.00 |
| 39750 | 39948 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 1 | 16.14 | 17.50 |
| 40185 | 39987 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 1 | 16.08 | 17.50 |
| 40620 | 40422 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 1 | 16.21 | 17.50 |
| 41055 | 40857 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 1 | 16.17 | 17.50 |
| 41490 | 41292 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 1 | 16.13 | 17.50 |
| 39750 | 39948 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 3 | 19.72 | 21.00 |
| 40185 | 39987 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 3 | 19.69 | 21.00 |
| 40620 | 40422 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 3 | 19.77 | 21.00 |
| 41055 | 40857 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 3 | 19.66 | 21.00 |
| 41490 | 41292 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 3 | 19.71 | 21.00 |
| 39750 | 39948 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 4 | 21.62 | 23.00 |
| 40185 | 39987 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 4 | 21.64 | 23.00 |
| 40620 | 40422 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 4 | 21.73 | 23.00 |
| 41055 | 40857 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 4 | 21.66 | 23.00 |
| 41490 | 41292 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 4 | 21.65 | 23.00 |
| 39750 | 39948 | QPSK | 50 | 0 | 0 | 0 | 1 | 0 | DSI 5 | 16.14 | 17.50 |
| 40185 | 39987 | QPSK | 50 | 0 | 0 | 0 | 1 | 0 | DSI 5 | 16.08 | 17.50 |
| 40620 | 40422 | QPSK | 50 | 0 | 0 | 0 | 1 | 0 | DSI 5 | 16.21 | 17.50 |
| 41055 | 40857 | QPSK | 50 | 0 | 0 | 0 | 1 | 0 | DSI 5 | 16.17 | 17.50 |
| 41490 | 41292 | QPSK | 50 | 0 | 0 | 0 | 1 | 0 | DSI 5 | 16.13 | 17.50 |

| CA_41C_Ant 2 Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | | | | |
|---|-------------|------------|---------|-----------|---------|-----------|---------------|-----------------------|---------------|----------------------|---------------------|
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Total RB Size | Target MPR Level (dB) | DSI | Measured Power (dBm) | Tune up Power (dBm) |
| | | | RB Size | RB offset | RB Size | RB offset | | | | | |
| 39750 | 39948 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | Default Power | 23.64 | 24.50 |
| 40185 | 39987 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | Default Power | 23.59 | 24.50 |
| 40620 | 40422 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | Default Power | 23.68 | 24.50 |
| 41055 | 40857 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | Default Power | 23.55 | 24.50 |
| 41490 | 41292 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | Default Power | 23.62 | 24.50 |
| 39750 | 39948 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 1 | 23.64 | 24.50 |
| 40185 | 39987 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 1 | 23.59 | 24.50 |
| 40620 | 40422 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 1 | 23.68 | 24.50 |
| 41055 | 40857 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 1 | 23.55 | 24.50 |
| 41490 | 41292 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 1 | 23.62 | 24.50 |
| 39750 | 39948 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 3 | 22.66 | 23.50 |
| 40185 | 39987 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 3 | 22.59 | 23.50 |
| 40620 | 40422 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 3 | 22.68 | 23.50 |
| 41055 | 40857 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 3 | 22.57 | 23.50 |
| 41490 | 41292 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 3 | 22.64 | 23.50 |
| 39750 | 39948 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 4 | 23.64 | 24.50 |
| 40185 | 39987 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 4 | 23.59 | 24.50 |
| 40620 | 40422 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 4 | 23.68 | 24.50 |
| 41055 | 40857 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 4 | 23.55 | 24.50 |
| 41490 | 41292 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 4 | 23.62 | 24.50 |
| 39750 | 39948 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 5 | 22.66 | 23.50 |
| 40185 | 39987 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 5 | 22.59 | 23.50 |
| 40620 | 40422 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 5 | 22.68 | 23.50 |
| 41055 | 40857 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 5 | 22.57 | 23.50 |
| 41490 | 41292 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 5 | 22.64 | 23.50 |

| CA_41C_Ant 3 Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | | | | |
|---|-------------|------------|---------|-----------|---------|-----------|---------------|-----------------------|---------------|----------------------|---------------------|
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Total RB Size | Target MPR Level (dB) | DSI | Measured Power (dBm) | Tune up Power (dBm) |
| | | | RB Size | RB offset | RB Size | RB offset | | | | | |
| 39750 | 39948 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | Default Power | 23.34 | 25.00 |
| 40185 | 39987 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | Default Power | 23.28 | 25.00 |
| 40620 | 40422 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | Default Power | 23.37 | 25.00 |
| 41055 | 40857 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | Default Power | 23.21 | 25.00 |
| 41490 | 41292 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | Default Power | 23.27 | 25.00 |
| 39750 | 39948 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 1 | 19.76 | 21.50 |
| 40185 | 39987 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 1 | 19.79 | 21.50 |
| 40620 | 40422 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 1 | 19.83 | 21.50 |
| 41055 | 40857 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 1 | 19.75 | 21.50 |
| 41490 | 41292 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 1 | 19.68 | 21.50 |
| 39750 | 39948 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 3 | 22.31 | 24.00 |
| 40185 | 39987 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 3 | 22.32 | 24.00 |
| 40620 | 40422 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 3 | 22.35 | 24.00 |
| 41055 | 40857 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 3 | 22.31 | 24.00 |
| 41490 | 41292 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 3 | 22.28 | 24.00 |
| 39750 | 39948 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 4 | 23.34 | 25.00 |
| 40185 | 39987 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 4 | 23.28 | 25.00 |
| 40620 | 40422 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 4 | 23.37 | 25.00 |
| 41055 | 40857 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 4 | 23.21 | 25.00 |
| 41490 | 41292 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 4 | 23.27 | 25.00 |
| 39750 | 39948 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 5 | 19.76 | 21.50 |
| 40185 | 39987 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 5 | 19.79 | 21.50 |
| 40620 | 40422 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 5 | 19.83 | 21.50 |
| 41055 | 40857 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 5 | 19.75 | 21.50 |
| 41490 | 41292 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 5 | 19.68 | 21.50 |

| CA_42C_Ant 4 Combination 10MHz+10MHz (50RB+50RB) | | | | | | | | | | | |
|---|-------------|------------|---------|-----------|---------|-----------|---------------|-----------------------|---------------|----------------------|---------------------|
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Total RB Size | Target MPR Level (dB) | DSI | Measured Power (dBm) | Tune up Power (dBm) |
| | | | RB Size | RB offset | RB Size | RB offset | | | | | |
| 42190 | 42388 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | Default Power | 23.16 | 25.00 |
| 42590 | 42788 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | Default Power | 23.19 | 25.00 |
| 42990 | 42792 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | Default Power | 23.11 | 25.00 |
| 42190 | 42388 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 1 | 21.66 | 23.50 |
| 42590 | 42788 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 1 | 21.68 | 23.50 |
| 42990 | 42792 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 1 | 21.56 | 23.50 |
| 42190 | 42388 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 3 | 21.13 | 23.00 |
| 42590 | 42788 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 3 | 21.21 | 23.00 |
| 42990 | 42792 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 3 | 21.07 | 23.00 |
| 42190 | 42388 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 4 | 23.16 | 25.00 |
| 42590 | 42788 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 4 | 23.19 | 25.00 |
| 42990 | 42792 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 4 | 23.11 | 25.00 |
| 42190 | | | | | | | | | | | |



Downlink CA Power

| Full Power | | | | | | | | | | | | | | | | | | | |
|------------|------------|------------------------|----------|----------|---------------|------------|------|--------|--------------|----------|----------|---------------|------------|------------------------|-----------------------|--|--|--|--|
| 2CC | | | | | | | | | | | | | | | | | | | |
| Configure | | CA Configuration (BCS) | PCC | | | | | | SCC | | | | Power | | | | | | |
| | | | LTE Band | BW (MHz) | UL Freq (MHz) | UL Channel | Mod. | UL# RB | UL RB Offset | LTE Band | BW (MHz) | DL Freq (MHz) | DL Channel | With CA Tx.Power (dBm) | W/O CA Tx.Power (dBm) | | | | |
| Inter-Band | | CA_41A-42A | Band 41 | 20M | 2593 | 40620 | QPSK | 1 | 0 | Band 42 | 20M | 3500 | 42590 | 23.12 | 23.39 | | | | |
| Intra-Band | Contiguous | CA_41C | Band 41 | 20M | 2593 | 40620 | QPSK | 1 | 0 | Band 41 | 20M | 2612.80 | 40818 | 23.09 | 23.39 | | | | |
| | | CA_42C | Band 42 | 20M | 3560 | 43190 | QPSK | 1 | 0 | Band 42 | 20M | 3579.00 | 43388 | 22.98 | 23.29 | | | | |

| 3CC | | | | | | | | | | | | | | | | | | | |
|------------|----------------|------------------------|----------|----------|---------------|------------|------|--------|--------------|----------|----------|---------------|------------|----------|----------|---------------|------------|------------------------|-----------------------|
| Configure | | CA Configuration (BCS) | PCC | | | | | | SCC1 | | | | SCC2 | | | | Power | | |
| | | | LTE Band | BW (MHz) | UL Freq (MHz) | UL Channel | Mod. | UL# RB | UL RB Offset | LTE Band | BW (MHz) | DL Freq (MHz) | DL Channel | LTE Band | BW (MHz) | DL Freq (MHz) | DL Channel | With CA Tx.Power (dBm) | W/O CA Tx.Power (dBm) |
| Intra-Band | Non-Contiguous | CA_41A-42C | Band 41 | 20M | 2593 | 40620 | QPSK | 1 | 0 | Band 42 | 20M | 3560 | 43190 | Band 42 | 20M | 3579 | 43388 | 23.19 | 23.39 |
| | | CA_42A-41C | Band 42 | 20M | 3500 | 42590 | QPSK | 1 | 0 | Band 41 | 20M | 2593 | 40620 | Band 41 | 20M | 2612.8 | 40818 | 22.96 | 23.29 |

| 4CC | | | | | | | | | | | | | | | | | | | | | | | |
|------------|----------------|------------------------|----------|----------|---------------|------------|------|--------|--------------|----------|----------|---------------|------------|----------|----------|---------------|------------|----------|----------|---------------|------------|------------------------|-----------------------|
| Configure | | CA Configuration (BCS) | PCC | | | | | | SCC1 | | | | SCC2 | | | | SCC3 | | | | Power | | |
| | | | LTE Band | BW (MHz) | UL Freq (MHz) | UL Channel | Mod. | UL# RB | UL RB Offset | LTE Band | BW (MHz) | DL Freq (MHz) | DL Channel | LTE Band | BW (MHz) | DL Freq (MHz) | DL Channel | LTE Band | BW (MHz) | DL Freq (MHz) | DL Channel | With CA Tx.Power (dBm) | W/O CA Tx.Power (dBm) |
| Intra-Band | Non-Contiguous | CA_41C-42C | Band 41 | 20M | 2593 | 40620 | QPSK | 1 | 0 | Band 41 | 20M | 2612.80 | 40818 | Band 42 | 20M | 3560 | 43190 | Band 42 | 20M | 3579 | 43388 | 23.21 | 23.39 |



| 2.4GHz WLAN | | | | Head(Simultaneous) | | | Head(Simultaneous) | | | Head(Simultaneous) | | | Head(DBS) | | | Head(DBS) | | | Head(DBS) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|--------------------|-----------------|---------------------|--------------------|--------------|---------------------|--------------------|--------------|---------------------|--------------------|--------------|---------------------|---------------|--------------|---------------------|---------------|--------------|---------------------|---------------|--------------|--------|--------------|-------|--------|-------|-------|--------|-------|-------|--------|-------|-------|--------|-------|-------|--------|-------|-------|--------|--------------|-------|--------|-------|-------|--------|-------|-------|--------|-------|-------|--------|-------|-------|--------|-------|-------|--------|--------------|-------|--------|-------|-------|--------|-------|-------|--------|-------|-------|--------|-------|-------|--------|-------|-------|--------|--------------|-------|--------|-------|-------|--------|-------|-------|--------|-------|-------|--------|-------|-------|--------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| Mode | Channel | Frequency (MHz) | Avt 16 | | | Avt 18 | | | Avt 16+18 | | | Avt 16 | | | Avt 18 | | | Avt 16+18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | Average power (dBm) | Time-Up Limit | Duty Cycle % | Average power (dBm) | Time-Up Limit | Duty Cycle % | Average power (dBm) | Time-Up Limit | Duty Cycle % | Average power (dBm) | Time-Up Limit | Duty Cycle % | Average power (dBm) | Time-Up Limit | Duty Cycle % | Average power (dBm) | Time-Up Limit | Duty Cycle % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.4GHz WLAN | 802.11b 1Mbps | 1 | 2412 | 8.71 | 10.00 | 100.00 | 9.11 | 10.00 | 100.00 | 11.92 | 13.00 | 100.00 | 14.59 | 15.00 | 100.00 | 13.94 | 15.00 | 100.00 | 16.86 | 18.00 | 100.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 6 | 2437 | 8.98 | 10.00 | | 8.85 | 10.00 | | 12.03 | 13.00 | | 14.17 | 15.00 | | 13.87 | 15.00 | | 17.01 | 18.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 11 | 2462 | 8.84 | 10.00 | | 9.18 | 10.00 | | 11.98 | 13.00 | | 13.76 | 15.00 | | 14.08 | 15.00 | | 16.92 | 18.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 802.11g @Mbps | 1 | 2412 | Not Required | 10.00 | 99.31 | 10.00 | 10.00 | 99.31 | 10.00 | 13.00 | 99.31 | 10.00 | 10.00 | 99.31 | 10.00 | 10.00 | 99.31 | 10.00 | 18.00 | 99.31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 2 | 2417 | | | | | | | | | | | | | | | | | | | 10.00 | 10.00 | 13.00 | 10.00 | 10.00 | 15.00 | 10.00 | 18.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 6 | 2437 | | | | | | | | | | | | | | | | | | | 10.00 | 10.00 | 13.00 | 10.00 | 10.00 | 15.00 | 10.00 | 18.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 11 | 2462 | 10.00 | | | | | | | | | | | | | | | | | | | 10.00 | 13.00 | 10.00 | 10.00 | 15.00 | 10.00 | 18.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 802.11n-HT20 MCS0 | 1 | 2412 | | | | | | | | | | | | | | | | | | | Not Required | 10.00 | 100.00 | 10.00 | 10.00 | 100.00 | 10.00 | 13.00 | 100.00 | 10.00 | 10.00 | 100.00 | 10.00 | 10.00 | 100.00 | 10.00 | 15.00 | 100.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 5 | 2437 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 10.00 | 10.00 | 13.00 | 10.00 | 10.00 | 15.00 | 10.00 | 18.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 11 | 2462 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 10.00 | 10.00 | 13.00 | 10.00 | 10.00 | 15.00 | 10.00 | 18.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 802.11n-HT40 MCS0 | 3 | 2422 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Not Required | 10.00 | 100.00 | 10.00 | 10.00 | 100.00 | 10.00 | 13.00 | 100.00 | 10.00 | 10.00 | 100.00 | 10.00 | 10.00 | 100.00 | 10.00 | 15.00 | 100.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 6 | 2437 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 10.00 | 10.00 | 13.00 | 10.00 | 10.00 | 15.00 | 10.00 | 18.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 9 | 2452 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 10.00 | 10.00 | 13.00 | 10.00 | 10.00 | 15.00 | 10.00 | 18.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 802.11ac-HE20 MCS0 | 1 | 2412 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Not Required | 10.00 | 100.00 | 10.00 | 10.00 | 100.00 | 10.00 | 13.00 | 100.00 | 10.00 | 10.00 | 100.00 | 10.00 | 10.00 | 100.00 | 10.00 | 15.00 | 100.00 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 6 | 2437 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 10.00 | 10.00 | 13.00 | 10.00 | 10.00 | 15.00 | 10.00 | 18.00 | | | | | | | | | | | | | | | | | | |
| | | 11 | 2462 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 10.00 | 10.00 | 13.00 | 10.00 | 10.00 | 15.00 | 10.00 | 18.00 | | | | | | | | | | | | | | | | | | |
| | 802.11ac-HE40 MCS0 | 3 | 2422 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Not Required | 10.00 | 100.00 | 10.00 | 10.00 | 100.00 | 10.00 | 13.00 | 100.00 | 10.00 | 10.00 | 100.00 | 10.00 | 10.00 | 100.00 | 10.00 | 15.00 | 100.00 | | | | | | | | |
| | | 6 | 2437 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 10.00 | 10.00 | 13.00 | 10.00 | 10.00 | 15.00 | 10.00 | 18.00 |
| | | 9 | 2452 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 10.00 | 10.00 | 13.00 | 10.00 | 10.00 | 15.00 | 10.00 | 18.00 |