

## HWN SLICE PROCESSING GAIN MEASUREMENT

| Signal<br>Frequency<br>(MHz) | Jammer<br>Frequency<br>(MHz) | Jammer<br>Freq.<br>Offset<br>(MHz) | Required<br>S/N for<br>10e-5<br>BER (dB) | System<br>Losses<br>Lsys (dB) | Jammer<br>Setting<br>(dBm) at<br>10e-5 BER | Jammer<br>Loss (dB) | JAMMER<br>POWER<br>(dBm) |
|------------------------------|------------------------------|------------------------------------|------------------------------------------|-------------------------------|--------------------------------------------|---------------------|--------------------------|
| 2437                         | 2428.50                      | -8.50                              | 11                                       | 2                             | -52.6                                      | 5.04                | -57.64                   |
| 2437                         | 2428.55                      | -8.45                              | 11                                       | 2                             | -52.7                                      | 5.04                | -57.74                   |
| 2437                         | 2428.60                      | -8.40                              | 11                                       | 2                             | -53                                        | 5.04                | -58.04                   |
| 2437                         | 2428.65                      | -8.35                              | 11                                       | 2                             | -53.2                                      | 5.04                | -58.24                   |
| 2437                         | 2428.70                      | -8.30                              | 11                                       | 2                             | -53.2                                      | 5.04                | -58.24                   |
| 2437                         | 2428.75                      | -8.25                              | 11                                       | 2                             | -53.3                                      | 5.04                | -58.34                   |
| 2437                         | 2428.80                      | -8.20                              | 11                                       | 2                             | -53.2                                      | 5.04                | -58.24                   |
| 2437                         | 2428.85                      | -8.15                              | 11                                       | 2                             | -53.2                                      | 5.04                | -58.24                   |
| 2437                         | 2428.90                      | -8.10                              | 11                                       | 2                             | -53.4                                      | 5.04                | -58.44                   |
| 2437                         | 2428.95                      | -8.05                              | 11                                       | 2                             | -53.4                                      | 5.04                | -58.44                   |
| 2437                         | 2429.00                      | -8.00                              | 11                                       | 2                             | -53.6                                      | 5.04                | -58.64                   |
| 2437                         | 2429.05                      | -7.95                              | 11                                       | 2                             | -53.6                                      | 5.04                | -58.64                   |
| 2437                         | 2429.10                      | -7.90                              | 11                                       | 2                             | -53.8                                      | 5.04                | -58.84                   |
| 2437                         | 2429.15                      | -7.85                              | 11                                       | 2                             | -53.9                                      | 5.04                | -58.94                   |
| 2437                         | 2429.20                      | -7.80                              | 11                                       | 2                             | -53.9                                      | 5.04                | -58.94                   |
| 2437                         | 2429.25                      | -7.75                              | 11                                       | 2                             | -53.9                                      | 5.04                | -58.94                   |
| 2437                         | 2429.30                      | -7.70                              | 11                                       | 2                             | -54                                        | 5.04                | -59.04                   |
| 2437                         | 2429.35                      | -7.65                              | 11                                       | 2                             | -54.7                                      | 5.04                | -59.74                   |
| 2437                         | 2429.40                      | -7.60                              | 11                                       | 2                             | -54.9                                      | 5.04                | -59.94                   |
| 2437                         | 2429.45                      | -7.55                              | 11                                       | 2                             | -55.1                                      | 5.04                | -60.14                   |
| 2437                         | 2429.50                      | -7.50                              | 11                                       | 2                             | -55.3                                      | 5.04                | -60.34                   |
| 2437                         | 2429.55                      | -7.45                              | 11                                       | 2                             | -55.5                                      | 5.04                | -60.54                   |
| 2437                         | 2429.60                      | -7.40                              | 11                                       | 2                             | -55.9                                      | 5.04                | -60.94                   |
| 2437                         | 2429.65                      | -7.35                              | 11                                       | 2                             | -56.3                                      | 5.04                | -61.34                   |
| 2437                         | 2429.70                      | -7.30                              | 11                                       | 2                             | -56.3                                      | 5.04                | -61.34                   |
| 2437                         | 2429.75                      | -7.25                              | 11                                       | 2                             | -56.3                                      | 5.04                | -61.34                   |
| 2437                         | 2429.80                      | -7.20                              | 11                                       | 2                             | -56.5                                      | 5.04                | -61.54                   |
| 2437                         | 2429.85                      | -7.15                              | 11                                       | 2                             | -56.5                                      | 5.04                | -61.54                   |
| 2437                         | 2429.90                      | -7.10                              | 11                                       | 2                             | -56.7                                      | 5.04                | -61.74                   |
| 2437                         | 2429.95                      | -7.05                              | 11                                       | 2                             | -56.7                                      | 5.04                | -61.74                   |
| 2437                         | 2430.00                      | -7.00                              | 11                                       | 2                             | -56.6                                      | 5.04                | -61.64                   |
| 2437                         | 2430.05                      | -6.95                              | 11                                       | 2                             | -56.4                                      | 5.04                | -61.44                   |
| 2437                         | 2430.10                      | -6.90                              | 11                                       | 2                             | -56.4                                      | 5.04                | -61.44                   |
| 2437                         | 2430.15                      | -6.85                              | 11                                       | 2                             | -56.4                                      | 5.04                | -61.44                   |
| 2437                         | 2430.20                      | -6.80                              | 11                                       | 2                             | -56.4                                      | 5.04                | -61.44                   |
| 2437                         | 2430.25                      | -6.75                              | 11                                       | 2                             | -56.7                                      | 5.04                | -61.74                   |
| 2437                         | 2430.30                      | -6.70                              | 11                                       | 2                             | -56.8                                      | 5.04                | -61.84                   |
| 2437                         | 2430.35                      | -6.65                              | 11                                       | 2                             | -56.8                                      | 5.04                | -61.84                   |
| 2437                         | 2430.40                      | -6.60                              | 11                                       | 2                             | -57.4                                      | 5.04                | -62.44                   |
| 2437                         | 2430.45                      | -6.55                              | 11                                       | 2                             | -57.8                                      | 5.04                | -62.84                   |
| 2437                         | 2430.50                      | -6.50                              | 11                                       | 2                             | -58                                        | 5.04                | -63.04                   |
| 2437                         | 2430.55                      | -6.45                              | 11                                       | 2                             | -58.3                                      | 5.04                | -63.34                   |
| 2437                         | 2430.60                      | -6.40                              | 11                                       | 2                             | -58.5                                      | 5.04                | -63.54                   |
| 2437                         | 2430.65                      | -6.35                              | 11                                       | 2                             | -58.5                                      | 5.04                | -63.54                   |
| 2437                         | 2430.70                      | -6.30                              | 11                                       | 2                             | -58.7                                      | 5.04                | -63.74                   |

|      |         |       |    |   |       |      |        |
|------|---------|-------|----|---|-------|------|--------|
| 2437 | 2430.75 | -6.25 | 11 | 2 | -58.8 | 5.04 | -63.84 |
| 2437 | 2430.80 | -6.20 | 11 | 2 | -58.8 | 5.04 | -63.84 |
| 2437 | 2430.85 | -6.15 | 11 | 2 | -58.6 | 5.04 | -63.64 |
| 2437 | 2430.90 | -6.10 | 11 | 2 | -58.4 | 5.04 | -63.44 |
| 2437 | 2430.95 | -6.05 | 11 | 2 | -58.4 | 5.04 | -63.44 |
| 2437 | 2431.00 | -6.00 | 11 | 2 | -58.3 | 5.04 | -63.34 |
| 2437 | 2431.05 | -5.95 | 11 | 2 | -58.1 | 5.04 | -63.14 |
| 2437 | 2431.10 | -5.90 | 11 | 2 | -58   | 5.04 | -63.04 |
| 2437 | 2431.15 | -5.85 | 11 | 2 | -57.7 | 5.04 | -62.74 |
| 2437 | 2431.20 | -5.80 | 11 | 2 | -57.3 | 5.04 | -62.34 |
| 2437 | 2431.25 | -5.75 | 11 | 2 | -57.5 | 5.04 | -62.54 |
| 2437 | 2431.30 | -5.70 | 11 | 2 | -56.9 | 5.04 | -61.94 |
| 2437 | 2431.35 | -5.65 | 11 | 2 | -56.2 | 5.04 | -61.24 |
| 2437 | 2431.40 | -5.60 | 11 | 2 | -56.1 | 5.04 | -61.14 |
| 2437 | 2431.45 | -5.55 | 11 | 2 | -56.4 | 5.04 | -61.44 |
| 2437 | 2431.50 | -5.50 | 11 | 2 | -57.2 | 5.04 | -62.24 |
| 2437 | 2431.55 | -5.45 | 11 | 2 | -57   | 5.04 | -62.04 |
| 2437 | 2431.60 | -5.40 | 11 | 2 | -56.9 | 5.04 | -61.94 |
| 2437 | 2431.65 | -5.35 | 11 | 2 | -56.9 | 5.04 | -61.94 |
| 2437 | 2431.70 | -5.30 | 11 | 2 | -56.9 | 5.04 | -61.94 |
| 2437 | 2431.75 | -5.25 | 11 | 2 | -56.8 | 5.04 | -61.84 |
| 2437 | 2431.80 | -5.20 | 11 | 2 | -57.5 | 5.04 | -62.54 |
| 2437 | 2431.85 | -5.15 | 11 | 2 | -57.6 | 5.04 | -62.64 |
| 2437 | 2431.90 | -5.10 | 11 | 2 | -58.1 | 5.04 | -63.14 |
| 2437 | 2431.95 | -5.05 | 11 | 2 | -58.7 | 5.04 | -63.74 |
| 2437 | 2432.00 | -5.00 | 11 | 2 | -59   | 5.04 | -64.04 |
| 2437 | 2432.05 | -4.95 | 11 | 2 | -59   | 5.04 | -64.04 |
| 2437 | 2432.10 | -4.90 | 11 | 2 | -59.1 | 5.04 | -64.14 |
| 2437 | 2432.15 | -4.85 | 11 | 2 | -59.1 | 5.04 | -64.14 |
| 2437 | 2432.20 | -4.80 | 11 | 2 | -59.1 | 5.04 | -64.14 |
| 2437 | 2432.25 | -4.75 | 11 | 2 | -59.3 | 5.04 | -64.34 |
| 2437 | 2432.30 | -4.70 | 11 | 2 | -59.3 | 5.04 | -64.34 |
| 2437 | 2432.35 | -4.65 | 11 | 2 | -59.4 | 5.04 | -64.44 |
| 2437 | 2432.40 | -4.60 | 11 | 2 | -59.4 | 5.04 | -64.44 |
| 2437 | 2432.45 | -4.55 | 11 | 2 | -59.2 | 5.04 | -64.24 |
| 2437 | 2432.50 | -4.50 | 11 | 2 | -59.2 | 5.04 | -64.24 |
| 2437 | 2432.55 | -4.45 | 11 | 2 | -59   | 5.04 | -64.04 |
| 2437 | 2432.60 | -4.40 | 11 | 2 | -58.9 | 5.04 | -63.94 |
| 2437 | 2432.65 | -4.35 | 11 | 2 | -58.7 | 5.04 | -63.74 |
| 2437 | 2432.70 | -4.30 | 11 | 2 | -58.7 | 5.04 | -63.74 |
| 2437 | 2432.75 | -4.25 | 11 | 2 | -58.7 | 5.04 | -63.74 |
| 2437 | 2432.80 | -4.20 | 11 | 2 | -58.6 | 5.04 | -63.64 |
| 2437 | 2432.85 | -4.15 | 11 | 2 | -58.5 | 5.04 | -63.54 |
| 2437 | 2432.90 | -4.10 | 11 | 2 | -58.6 | 5.04 | -63.64 |
| 2437 | 2432.95 | -4.05 | 11 | 2 | -58.6 | 5.04 | -63.64 |
| 2437 | 2433.00 | -4.00 | 11 | 2 | -58.7 | 5.04 | -63.74 |
| 2437 | 2433.05 | -3.95 | 11 | 2 | -58.7 | 5.04 | -63.74 |
| 2437 | 2433.10 | -3.90 | 11 | 2 | -58.7 | 5.04 | -63.74 |
| 2437 | 2433.15 | -3.85 | 11 | 2 | -58.6 | 5.04 | -63.64 |
| 2437 | 2433.20 | -3.80 | 11 | 2 | -58.8 | 5.04 | -63.84 |
| 2437 | 2433.25 | -3.75 | 11 | 2 | -58.7 | 5.04 | -63.74 |
| 2437 | 2433.30 | -3.70 | 11 | 2 | -58.7 | 5.04 | -63.74 |

|      |         |       |    |   |       |      |        |
|------|---------|-------|----|---|-------|------|--------|
| 2437 | 2433.35 | -3.65 | 11 | 2 | -58.8 | 5.04 | -63.84 |
| 2437 | 2433.40 | -3.60 | 11 | 2 | -58.8 | 5.04 | -63.84 |
| 2437 | 2433.45 | -3.55 | 11 | 2 | -58.8 | 5.04 | -63.84 |
| 2437 | 2433.50 | -3.50 | 11 | 2 | -58.8 | 5.04 | -63.84 |
| 2437 | 2433.55 | -3.45 | 11 | 2 | -58.8 | 5.04 | -63.84 |
| 2437 | 2433.60 | -3.40 | 11 | 2 | -58.8 | 5.04 | -63.84 |
| 2437 | 2433.65 | -3.35 | 11 | 2 | -58.7 | 5.04 | -63.74 |
| 2437 | 2433.70 | -3.30 | 11 | 2 | -58.6 | 5.04 | -63.64 |
| 2437 | 2433.75 | -3.25 | 11 | 2 | -58.5 | 5.04 | -63.54 |
| 2437 | 2433.80 | -3.20 | 11 | 2 | -58.4 | 5.04 | -63.44 |
| 2437 | 2433.85 | -3.15 | 11 | 2 | -58.3 | 5.04 | -63.34 |
| 2437 | 2433.90 | -3.10 | 11 | 2 | -58.3 | 5.04 | -63.34 |
| 2437 | 2433.95 | -3.05 | 11 | 2 | -58.3 | 5.04 | -63.34 |
| 2437 | 2434.00 | -3.00 | 11 | 2 | -58.4 | 5.04 | -63.44 |
| 2437 | 2434.05 | -2.95 | 11 | 2 | -58.3 | 5.04 | -63.34 |
| 2437 | 2434.10 | -2.90 | 11 | 2 | -58.2 | 5.04 | -63.24 |
| 2437 | 2434.15 | -2.85 | 11 | 2 | -58.3 | 5.04 | -63.34 |
| 2437 | 2434.20 | -2.80 | 11 | 2 | -58.3 | 5.04 | -63.34 |
| 2437 | 2434.25 | -2.75 | 11 | 2 | -58.5 | 5.04 | -63.54 |
| 2437 | 2434.30 | -2.70 | 11 | 2 | -58.6 | 5.04 | -63.64 |
| 2437 | 2434.35 | -2.65 | 11 | 2 | -58.7 | 5.04 | -63.74 |
| 2437 | 2434.40 | -2.60 | 11 | 2 | -58.8 | 5.04 | -63.84 |
| 2437 | 2434.45 | -2.55 | 11 | 2 | -58.8 | 5.04 | -63.84 |
| 2437 | 2434.50 | -2.50 | 11 | 2 | -58.8 | 5.04 | -63.84 |
| 2437 | 2434.55 | -2.45 | 11 | 2 | -58.8 | 5.04 | -63.84 |
| 2437 | 2434.60 | -2.40 | 11 | 2 | -58.7 | 5.04 | -63.74 |
| 2437 | 2434.65 | -2.35 | 11 | 2 | -58.7 | 5.04 | -63.74 |
| 2437 | 2434.70 | -2.30 | 11 | 2 | -58.5 | 5.04 | -63.54 |
| 2437 | 2434.75 | -2.25 | 11 | 2 | -58.3 | 5.04 | -63.34 |
| 2437 | 2434.80 | -2.20 | 11 | 2 | -58.1 | 5.04 | -63.14 |
| 2437 | 2434.85 | -2.15 | 11 | 2 | -58.1 | 5.04 | -63.14 |
| 2437 | 2434.90 | -2.10 | 11 | 2 | -58.1 | 5.04 | -63.14 |
| 2437 | 2434.95 | -2.05 | 11 | 2 | -57.9 | 5.04 | -62.94 |
| 2437 | 2435.00 | -2.00 | 11 | 2 | -57.9 | 5.04 | -62.94 |
| 2437 | 2435.05 | -1.95 | 11 | 2 | -58.1 | 5.04 | -63.14 |
| 2437 | 2435.10 | -1.90 | 11 | 2 | -58.1 | 5.04 | -63.14 |
| 2437 | 2435.15 | -1.85 | 11 | 2 | -58.4 | 5.04 | -63.44 |
| 2437 | 2435.20 | -1.80 | 11 | 2 | -58.8 | 5.04 | -63.84 |
| 2437 | 2435.25 | -1.75 | 11 | 2 | -58.9 | 5.04 | -63.94 |
| 2437 | 2435.30 | -1.70 | 11 | 2 | -59   | 5.04 | -64.04 |
| 2437 | 2435.35 | -1.65 | 11 | 2 | -59   | 5.04 | -64.04 |
| 2437 | 2435.40 | -1.60 | 11 | 2 | -59   | 5.04 | -64.04 |
| 2437 | 2435.45 | -1.55 | 11 | 2 | -58.9 | 5.04 | -63.94 |
| 2437 | 2435.50 | -1.50 | 11 | 2 | -59   | 5.04 | -64.04 |
| 2437 | 2435.55 | -1.45 | 11 | 2 | -58.8 | 5.04 | -63.84 |
| 2437 | 2435.60 | -1.40 | 11 | 2 | -58.7 | 5.04 | -63.74 |
| 2437 | 2435.65 | -1.35 | 11 | 2 | -58.5 | 5.04 | -63.54 |
| 2437 | 2435.70 | -1.30 | 11 | 2 | -58.6 | 5.04 | -63.64 |
| 2437 | 2435.75 | -1.25 | 11 | 2 | -58.6 | 5.04 | -63.64 |
| 2437 | 2435.80 | -1.20 | 11 | 2 | -58.4 | 5.04 | -63.44 |
| 2437 | 2435.85 | -1.15 | 11 | 2 | -58.4 | 5.04 | -63.44 |
| 2437 | 2435.90 | -1.10 | 11 | 2 | -58.2 | 5.04 | -63.24 |

|      |         |       |    |   |       |      |        |
|------|---------|-------|----|---|-------|------|--------|
| 2437 | 2435.95 | -1.05 | 11 | 2 | -58   | 5.04 | -63.04 |
| 2437 | 2436.00 | -1.00 | 11 | 2 | -58.5 | 5.04 | -63.54 |
| 2437 | 2436.05 | -0.95 | 11 | 2 | -57.9 | 5.04 | -62.94 |
| 2437 | 2436.10 | -0.90 | 11 | 2 | -58   | 5.04 | -63.04 |
| 2437 | 2436.15 | -0.85 | 11 | 2 | -58.1 | 5.04 | -63.14 |
| 2437 | 2436.20 | -0.80 | 11 | 2 | -58.4 | 5.04 | -63.44 |
| 2437 | 2436.25 | -0.75 | 11 | 2 | -58.4 | 5.04 | -63.44 |
| 2437 | 2436.30 | -0.70 | 11 | 2 | -58.4 | 5.04 | -63.44 |
| 2437 | 2436.35 | -0.65 | 11 | 2 | -58.5 | 5.04 | -63.54 |
| 2437 | 2436.40 | -0.60 | 11 | 2 | -58.6 | 5.04 | -63.64 |
| 2437 | 2436.45 | -0.55 | 11 | 2 | -58.4 | 5.04 | -63.44 |
| 2437 | 2436.50 | -0.50 | 11 | 2 | -58.7 | 5.04 | -63.74 |
| 2437 | 2436.55 | -0.45 | 11 | 2 | -58.2 | 5.04 | -63.24 |
| 2437 | 2436.60 | -0.40 | 11 | 2 | -57.9 | 5.04 | -62.94 |
| 2437 | 2436.65 | -0.35 | 11 | 2 | -57.7 | 5.04 | -62.74 |
| 2437 | 2436.70 | -0.30 | 11 | 2 | -57.7 | 5.04 | -62.74 |
| 2437 | 2436.75 | -0.25 | 11 | 2 | -58.4 | 5.04 | -63.44 |
| 2437 | 2436.80 | -0.20 | 11 | 2 | -58.4 | 5.04 | -63.44 |
| 2437 | 2436.85 | -0.15 | 11 | 2 | -58.7 | 5.04 | -63.74 |
| 2437 | 2436.90 | -0.10 | 11 | 2 | -59   | 5.04 | -64.04 |
| 2437 | 2436.95 | -0.05 | 11 | 2 | -59.7 | 5.04 | -64.74 |
| 2437 | 2437.00 | 0.00  | 11 | 2 | -58.8 | 5.04 | -63.84 |
| 2437 | 2437.05 | 0.05  | 11 | 2 | -60.1 | 5.04 | -65.14 |
| 2437 | 2437.10 | 0.10  | 11 | 2 | -59.5 | 5.04 | -64.54 |
| 2437 | 2437.15 | 0.15  | 11 | 2 | -58.9 | 5.04 | -63.94 |
| 2437 | 2437.20 | 0.20  | 11 | 2 | -58.4 | 5.04 | -63.44 |
| 2437 | 2437.25 | 0.25  | 11 | 2 | -57.8 | 5.04 | -62.84 |
| 2437 | 2437.30 | 0.30  | 11 | 2 | -57.6 | 5.04 | -62.64 |
| 2437 | 2437.35 | 0.35  | 11 | 2 | -57.4 | 5.04 | -62.44 |
| 2437 | 2437.40 | 0.40  | 11 | 2 | -57.7 | 5.04 | -62.74 |
| 2437 | 2437.45 | 0.45  | 11 | 2 | -58.3 | 5.04 | -63.34 |
| 2437 | 2437.50 | 0.50  | 11 | 2 | -59.2 | 5.04 | -64.24 |
| 2437 | 2437.55 | 0.55  | 11 | 2 | -58.6 | 5.04 | -63.64 |
| 2437 | 2437.60 | 0.60  | 11 | 2 | -58.9 | 5.04 | -63.94 |
| 2437 | 2437.65 | 0.65  | 11 | 2 | -58.7 | 5.04 | -63.74 |
| 2437 | 2437.70 | 0.70  | 11 | 2 | -58.7 | 5.04 | -63.74 |
| 2437 | 2437.75 | 0.75  | 11 | 2 | -58.7 | 5.04 | -63.74 |
| 2437 | 2437.80 | 0.80  | 11 | 2 | -58.7 | 5.04 | -63.74 |
| 2437 | 2437.85 | 0.85  | 11 | 2 | -58.4 | 5.04 | -63.44 |
| 2437 | 2437.90 | 0.90  | 11 | 2 | -58.3 | 5.04 | -63.34 |
| 2437 | 2437.95 | 0.95  | 11 | 2 | -58.1 | 5.04 | -63.14 |
| 2437 | 2438.00 | 1.00  | 11 | 2 | -58.3 | 5.04 | -63.34 |
| 2437 | 2438.05 | 1.05  | 11 | 2 | -58   | 5.04 | -63.04 |
| 2437 | 2438.10 | 1.10  | 11 | 2 | -58   | 5.04 | -63.04 |
| 2437 | 2438.15 | 1.15  | 11 | 2 | -58.1 | 5.04 | -63.14 |
| 2437 | 2438.20 | 1.20  | 11 | 2 | -58.1 | 5.04 | -63.14 |
| 2437 | 2438.25 | 1.25  | 11 | 2 | -58.3 | 5.04 | -63.34 |
| 2437 | 2438.30 | 1.30  | 11 | 2 | -58.4 | 5.04 | -63.44 |
| 2437 | 2438.35 | 1.35  | 11 | 2 | -58.5 | 5.04 | -63.54 |
| 2437 | 2438.40 | 1.40  | 11 | 2 | -58.7 | 5.04 | -63.74 |
| 2437 | 2438.45 | 1.45  | 11 | 2 | -58.8 | 5.04 | -63.84 |
| 2437 | 2438.50 | 1.50  | 11 | 2 | -59.1 | 5.04 | -64.14 |

|      |         |      |    |   |       |      |        |
|------|---------|------|----|---|-------|------|--------|
| 2437 | 2438.55 | 1.55 | 11 | 2 | -59.4 | 5.04 | -64.44 |
| 2437 | 2438.60 | 1.60 | 11 | 2 | -59.4 | 5.04 | -64.44 |
| 2437 | 2438.65 | 1.65 | 11 | 2 | -59.4 | 5.04 | -64.44 |
| 2437 | 2438.70 | 1.70 | 11 | 2 | -59.4 | 5.04 | -64.44 |
| 2437 | 2438.75 | 1.75 | 11 | 2 | -59.2 | 5.04 | -64.24 |
| 2437 | 2438.80 | 1.80 | 11 | 2 | -59.1 | 5.04 | -64.14 |
| 2437 | 2438.85 | 1.85 | 11 | 2 | -59   | 5.04 | -64.04 |
| 2437 | 2438.90 | 1.90 | 11 | 2 | -58.8 | 5.04 | -63.84 |
| 2437 | 2438.95 | 1.95 | 11 | 2 | -58.6 | 5.04 | -63.64 |
| 2437 | 2439.00 | 2.00 | 11 | 2 | -58.7 | 5.04 | -63.74 |
| 2437 | 2439.05 | 2.05 | 11 | 2 | -58.2 | 5.04 | -63.24 |
| 2437 | 2439.10 | 2.10 | 11 | 2 | -58.2 | 5.04 | -63.24 |
| 2437 | 2439.15 | 2.15 | 11 | 2 | -58.2 | 5.04 | -63.24 |
| 2437 | 2439.20 | 2.20 | 11 | 2 | -58.3 | 5.04 | -63.34 |
| 2437 | 2439.25 | 2.25 | 11 | 2 | -58.4 | 5.04 | -63.44 |
| 2437 | 2439.30 | 2.30 | 11 | 2 | -58.5 | 5.04 | -63.54 |
| 2437 | 2439.35 | 2.35 | 11 | 2 | -58.8 | 5.04 | -63.84 |
| 2437 | 2439.40 | 2.40 | 11 | 2 | -58.9 | 5.04 | -63.94 |
| 2437 | 2439.45 | 2.45 | 11 | 2 | -59   | 5.04 | -64.04 |
| 2437 | 2439.50 | 2.50 | 11 | 2 | -59.1 | 5.04 | -64.14 |
| 2437 | 2439.55 | 2.55 | 11 | 2 | -59.4 | 5.04 | -64.44 |
| 2437 | 2439.60 | 2.60 | 11 | 2 | -59.5 | 5.04 | -64.54 |
| 2437 | 2439.65 | 2.65 | 11 | 2 | -59.3 | 5.04 | -64.34 |
| 2437 | 2439.70 | 2.70 | 11 | 2 | -59.2 | 5.04 | -64.24 |
| 2437 | 2439.75 | 2.75 | 11 | 2 | -59.1 | 5.04 | -64.14 |
| 2437 | 2439.80 | 2.80 | 11 | 2 | -59.1 | 5.04 | -64.14 |
| 2437 | 2439.85 | 2.85 | 11 | 2 | -58.8 | 5.04 | -63.84 |
| 2437 | 2439.90 | 2.90 | 11 | 2 | -58.9 | 5.04 | -63.94 |
| 2437 | 2439.95 | 2.95 | 11 | 2 | -58.9 | 5.04 | -63.94 |
| 2437 | 2440.00 | 3.00 | 11 | 2 | -59   | 5.04 | -64.04 |
| 2437 | 2440.05 | 3.05 | 11 | 2 | -59   | 5.04 | -64.04 |
| 2437 | 2440.10 | 3.10 | 11 | 2 | -59   | 5.04 | -64.04 |
| 2437 | 2440.15 | 3.15 | 11 | 2 | -58.9 | 5.04 | -63.94 |
| 2437 | 2440.20 | 3.20 | 11 | 2 | -58.9 | 5.04 | -63.94 |
| 2437 | 2440.25 | 3.25 | 11 | 2 | -58.9 | 5.04 | -63.94 |
| 2437 | 2440.30 | 3.30 | 11 | 2 | -58.9 | 5.04 | -63.94 |
| 2437 | 2440.35 | 3.35 | 11 | 2 | -59   | 5.04 | -64.04 |
| 2437 | 2440.40 | 3.40 | 11 | 2 | -59.1 | 5.04 | -64.14 |
| 2437 | 2440.45 | 3.45 | 11 | 2 | -59.2 | 5.04 | -64.24 |
| 2437 | 2440.50 | 3.50 | 11 | 2 | -59.3 | 5.04 | -64.34 |
| 2437 | 2440.55 | 3.55 | 11 | 2 | -59.3 | 5.04 | -64.34 |
| 2437 | 2440.60 | 3.60 | 11 | 2 | -59.3 | 5.04 | -64.34 |
| 2437 | 2440.65 | 3.65 | 11 | 2 | -59.3 | 5.04 | -64.34 |
| 2437 | 2440.70 | 3.70 | 11 | 2 | -59.3 | 5.04 | -64.34 |
| 2437 | 2440.75 | 3.75 | 11 | 2 | -59.3 | 5.04 | -64.34 |
| 2437 | 2440.80 | 3.80 | 11 | 2 | -59.2 | 5.04 | -64.24 |
| 2437 | 2440.85 | 3.85 | 11 | 2 | -59.2 | 5.04 | -64.24 |
| 2437 | 2440.90 | 3.90 | 11 | 2 | -59   | 5.04 | -64.04 |
| 2437 | 2440.95 | 3.95 | 11 | 2 | -58.9 | 5.04 | -63.94 |
| 2437 | 2441.00 | 4.00 | 11 | 2 | -58.9 | 5.04 | -63.94 |
| 2437 | 2441.05 | 4.05 | 11 | 2 | -58.9 | 5.04 | -63.94 |
| 2437 | 2441.10 | 4.10 | 11 | 2 | -58.9 | 5.04 | -63.94 |

|      |         |      |    |   |       |      |        |
|------|---------|------|----|---|-------|------|--------|
| 2437 | 2441.15 | 4.15 | 11 | 2 | -58.9 | 5.04 | -63.94 |
| 2437 | 2441.20 | 4.20 | 11 | 2 | -58.9 | 5.04 | -63.94 |
| 2437 | 2441.25 | 4.25 | 11 | 2 | -59   | 5.04 | -64.04 |
| 2437 | 2441.30 | 4.30 | 11 | 2 | -59.1 | 5.04 | -64.14 |
| 2437 | 2441.35 | 4.35 | 11 | 2 | -59.3 | 5.04 | -64.34 |
| 2437 | 2441.40 | 4.40 | 11 | 2 | -59.4 | 5.04 | -64.44 |
| 2437 | 2441.45 | 4.45 | 11 | 2 | -59.6 | 5.04 | -64.64 |
| 2437 | 2441.50 | 4.50 | 11 | 2 | -59.8 | 5.04 | -64.84 |
| 2437 | 2441.55 | 4.55 | 11 | 2 | -60   | 5.04 | -65.04 |
| 2437 | 2441.60 | 4.60 | 11 | 2 | -59.9 | 5.04 | -64.94 |
| 2437 | 2441.65 | 4.65 | 11 | 2 | -59.9 | 5.04 | -64.94 |
| 2437 | 2441.70 | 4.70 | 11 | 2 | -59.8 | 5.04 | -64.84 |
| 2437 | 2441.75 | 4.75 | 11 | 2 | -59.7 | 5.04 | -64.74 |
| 2437 | 2441.80 | 4.80 | 11 | 2 | -59.6 | 5.04 | -64.64 |
| 2437 | 2441.85 | 4.85 | 11 | 2 | -59.6 | 5.04 | -64.64 |
| 2437 | 2441.90 | 4.90 | 11 | 2 | -59.5 | 5.04 | -64.54 |
| 2437 | 2441.95 | 4.95 | 11 | 2 | -59.5 | 5.04 | -64.54 |
| 2437 | 2442.00 | 5.00 | 11 | 2 | -59.4 | 5.04 | -64.44 |
| 2437 | 2442.05 | 5.05 | 11 | 2 | -59.1 | 5.04 | -64.14 |
| 2437 | 2442.10 | 5.10 | 11 | 2 | -58.7 | 5.04 | -63.74 |
| 2437 | 2442.15 | 5.15 | 11 | 2 | -58.3 | 5.04 | -63.34 |
| 2437 | 2442.20 | 5.20 | 11 | 2 | -58.3 | 5.04 | -63.34 |
| 2437 | 2442.25 | 5.25 | 11 | 2 | -57.4 | 5.04 | -62.44 |
| 2437 | 2442.30 | 5.30 | 11 | 2 | -57.1 | 5.04 | -62.14 |
| 2437 | 2442.35 | 5.35 | 11 | 2 | -57.2 | 5.04 | -62.24 |
| 2437 | 2442.40 | 5.40 | 11 | 2 | -57.4 | 5.04 | -62.44 |
| 2437 | 2442.45 | 5.45 | 11 | 2 | -57.6 | 5.04 | -62.64 |
| 2437 | 2442.50 | 5.50 | 11 | 2 | -58   | 5.04 | -63.04 |
| 2437 | 2442.55 | 5.55 | 11 | 2 | -57.2 | 5.04 | -62.24 |
| 2437 | 2442.60 | 5.60 | 11 | 2 | -56.8 | 5.04 | -61.84 |
| 2437 | 2442.65 | 5.65 | 11 | 2 | -56.8 | 5.04 | -61.84 |
| 2437 | 2442.70 | 5.70 | 11 | 2 | -56.9 | 5.04 | -61.94 |
| 2437 | 2442.75 | 5.75 | 11 | 2 | -57   | 5.04 | -62.04 |
| 2437 | 2442.80 | 5.80 | 11 | 2 | -57.8 | 5.04 | -62.84 |
| 2437 | 2442.85 | 5.85 | 11 | 2 | -58.1 | 5.04 | -63.14 |
| 2437 | 2442.90 | 5.90 | 11 | 2 | -58.2 | 5.04 | -63.24 |
| 2437 | 2442.95 | 5.95 | 11 | 2 | -58.4 | 5.04 | -63.44 |
| 2437 | 2443.00 | 6.00 | 11 | 2 | -58.4 | 5.04 | -63.44 |
| 2437 | 2443.05 | 6.05 | 11 | 2 | -58.6 | 5.04 | -63.64 |
| 2437 | 2443.10 | 6.10 | 11 | 2 | -58.6 | 5.04 | -63.64 |
| 2437 | 2443.15 | 6.15 | 11 | 2 | -58.7 | 5.04 | -63.74 |
| 2437 | 2443.20 | 6.20 | 11 | 2 | -58.8 | 5.04 | -63.84 |
| 2437 | 2443.25 | 6.25 | 11 | 2 | -59   | 5.04 | -64.04 |
| 2437 | 2443.30 | 6.30 | 11 | 2 | -58.9 | 5.04 | -63.94 |
| 2437 | 2443.35 | 6.35 | 11 | 2 | -59   | 5.04 | -64.04 |
| 2437 | 2443.40 | 6.40 | 11 | 2 | -59   | 5.04 | -64.04 |
| 2437 | 2443.45 | 6.45 | 11 | 2 | -58.9 | 5.04 | -63.94 |
| 2437 | 2443.50 | 6.50 | 11 | 2 | -58.9 | 5.04 | -63.94 |
| 2437 | 2443.55 | 6.55 | 11 | 2 | -58.8 | 5.04 | -63.84 |
| 2437 | 2443.60 | 6.60 | 11 | 2 | -58.6 | 5.04 | -63.64 |
| 2437 | 2443.65 | 6.65 | 11 | 2 | -58.4 | 5.04 | -63.44 |
| 2437 | 2443.70 | 6.70 | 11 | 2 | -58.2 | 5.04 | -63.24 |

|      |         |      |    |   |       |      |        |
|------|---------|------|----|---|-------|------|--------|
| 2437 | 2443.75 | 6.75 | 11 | 2 | -57.8 | 5.04 | -62.84 |
| 2437 | 2443.80 | 6.80 | 11 | 2 | -57.7 | 5.04 | -62.74 |
| 2437 | 2443.85 | 6.85 | 11 | 2 | -57.6 | 5.04 | -62.64 |
| 2437 | 2443.90 | 6.90 | 11 | 2 | -57.5 | 5.04 | -62.54 |
| 2437 | 2443.95 | 6.95 | 11 | 2 | -57.5 | 5.04 | -62.54 |
| 2437 | 2444.00 | 7.00 | 11 | 2 | -57.4 | 5.04 | -62.44 |
| 2437 | 2444.05 | 7.05 | 11 | 2 | -57.4 | 5.04 | -62.44 |
| 2437 | 2444.10 | 7.10 | 11 | 2 | -57.6 | 5.04 | -62.64 |
| 2437 | 2444.15 | 7.15 | 11 | 2 | -57.6 | 5.04 | -62.64 |
| 2437 | 2444.20 | 7.20 | 11 | 2 | -57.9 | 5.04 | -62.94 |
| 2437 | 2444.25 | 7.25 | 11 | 2 | -57.8 | 5.04 | -62.84 |
| 2437 | 2444.30 | 7.30 | 11 | 2 | -57.7 | 5.04 | -62.74 |
| 2437 | 2444.35 | 7.35 | 11 | 2 | -57.6 | 5.04 | -62.64 |
| 2437 | 2444.40 | 7.40 | 11 | 2 | -57.5 | 5.04 | -62.54 |
| 2437 | 2444.45 | 7.45 | 11 | 2 | -56.9 | 5.04 | -61.94 |
| 2437 | 2444.50 | 7.50 | 11 | 2 | -56.9 | 5.04 | -61.94 |
| 2437 | 2444.55 | 7.55 | 11 | 2 | -56.7 | 5.04 | -61.74 |
| 2437 | 2444.60 | 7.60 | 11 | 2 | -56.2 | 5.04 | -61.24 |
| 2437 | 2444.65 | 7.65 | 11 | 2 | -55.8 | 5.04 | -60.84 |
| 2437 | 2444.70 | 7.70 | 11 | 2 | -55.8 | 5.04 | -60.84 |
| 2437 | 2444.75 | 7.75 | 11 | 2 | -55.4 | 5.04 | -60.44 |
| 2437 | 2444.80 | 7.80 | 11 | 2 | -55.3 | 5.04 | -60.34 |
| 2437 | 2444.85 | 7.85 | 11 | 2 | -55   | 5.04 | -60.04 |
| 2437 | 2444.90 | 7.90 | 11 | 2 | -55   | 5.04 | -60.04 |
| 2437 | 2444.95 | 7.95 | 11 | 2 | -54.8 | 5.04 | -59.84 |
| 2437 | 2445.00 | 8.00 | 11 | 2 | -54.8 | 5.04 | -59.84 |
| 2437 | 2445.05 | 8.05 | 11 | 2 | -54.8 | 5.04 | -59.84 |
| 2437 | 2445.10 | 8.10 | 11 | 2 | -54.7 | 5.04 | -59.74 |
| 2437 | 2445.15 | 8.15 | 11 | 2 | -54.4 | 5.04 | -59.44 |
| 2437 | 2445.20 | 8.20 | 11 | 2 | -54.4 | 5.04 | -59.44 |
| 2437 | 2445.25 | 8.25 | 11 | 2 | -54.5 | 5.04 | -59.54 |
| 2437 | 2445.30 | 8.30 | 11 | 2 | -54.5 | 5.04 | -59.54 |
| 2437 | 2445.35 | 8.35 | 11 | 2 | -53.9 | 5.04 | -58.94 |
| 2437 | 2445.40 | 8.40 | 11 | 2 | -54.2 | 5.04 | -59.24 |
| 2437 | 2445.45 | 8.45 | 11 | 2 | -53.9 | 5.04 | -58.94 |
| 2437 | 2445.50 | 8.50 | 11 | 2 | -53.5 | 5.04 | -58.54 |

| SIGNAL<br>POWER<br>(dBm) | J/S<br>RATIO<br>(dB) | PROCESSING<br>GAIN (dB) |
|--------------------------|----------------------|-------------------------|
| -62.04                   | 4.4                  | 17.4                    |
| -62.04                   | 4.3                  | 17.3                    |
| -62.04                   | 4                    | 17                      |
| -62.04                   | 3.8                  | 16.8                    |
| -62.04                   | 3.8                  | 16.8                    |
| -62.04                   | 3.7                  | 16.7                    |
| -62.04                   | 3.8                  | 16.8                    |
| -62.04                   | 3.8                  | 16.8                    |
| -62.04                   | 3.6                  | 16.6                    |
| -62.04                   | 3.6                  | 16.6                    |
| -62.04                   | 3.4                  | 16.4                    |
| -62.04                   | 3.4                  | 16.4                    |
| -62.04                   | 3.2                  | 16.2                    |
| -62.04                   | 3.1                  | 16.1                    |
| -62.04                   | 3.1                  | 16.1                    |
| -62.04                   | 3.1                  | 16.1                    |
| -62.04                   | 3                    | 16                      |
| -62.04                   | 2.3                  | 15.3                    |
| -62.04                   | 2.1                  | 15.1                    |
| -62.04                   | 1.9                  | 14.9                    |
| -62.04                   | 1.7                  | 14.7                    |
| -62.04                   | 1.5                  | 14.5                    |
| -62.04                   | 1.1                  | 14.1                    |
| -62.04                   | 0.7                  | 13.7                    |
| -62.04                   | 0.7                  | 13.7                    |
| -62.04                   | 0.7                  | 13.7                    |
| -62.04                   | 0.5                  | 13.5                    |
| -62.04                   | 0.5                  | 13.5                    |
| -62.04                   | 0.3                  | 13.3                    |
| -62.04                   | 0.3                  | 13.3                    |
| -62.04                   | 0.4                  | 13.4                    |
| -62.04                   | 0.6                  | 13.6                    |
| -62.04                   | 0.6                  | 13.6                    |
| -62.04                   | 0.6                  | 13.6                    |
| -62.04                   | 0.6                  | 13.6                    |
| -62.04                   | 0.3                  | 13.3                    |
| -62.04                   | 0.2                  | 13.2                    |
| -62.04                   | 0.2                  | 13.2                    |
| -62.04                   | -0.4                 | 12.6                    |
| -62.04                   | -0.8                 | 12.2                    |
| -62.04                   | -1                   | 12                      |
| -62.04                   | -1.3                 | 11.7                    |
| -62.04                   | -1.5                 | 11.5                    |
| -62.04                   | -1.5                 | 11.5                    |
| -62.04                   | -1.7                 | 11.3                    |

|        |      |      |
|--------|------|------|
| -62.04 | -1.8 | 11.2 |
| -62.04 | -1.8 | 11.2 |
| -62.04 | -1.6 | 11.4 |
| -62.04 | -1.4 | 11.6 |
| -62.04 | -1.4 | 11.6 |
| -62.04 | -1.3 | 11.7 |
| -62.04 | -1.1 | 11.9 |
| -62.04 | -1   | 12   |
| -62.04 | -0.7 | 12.3 |
| -62.04 | -0.3 | 12.7 |
| -62.04 | -0.5 | 12.5 |
| -62.04 | 0.1  | 13.1 |
| -62.04 | 0.8  | 13.8 |
| -62.04 | 0.9  | 13.9 |
| -62.04 | 0.6  | 13.6 |
| -62.04 | -0.2 | 12.8 |
| -62.04 | 0    | 13   |
| -62.04 | 0.1  | 13.1 |
| -62.04 | 0.1  | 13.1 |
| -62.04 | 0.1  | 13.1 |
| -62.04 | 0.2  | 13.2 |
| -62.04 | -0.5 | 12.5 |
| -62.04 | -0.6 | 12.4 |
| -62.04 | -1.1 | 11.9 |
| -62.04 | -1.7 | 11.3 |
| -62.04 | -2   | 11   |
| -62.04 | -2   | 11   |
| -62.04 | -2.1 | 10.9 |
| -62.04 | -2.1 | 10.9 |
| -62.04 | -2.1 | 10.9 |
| -62.04 | -2.3 | 10.7 |
| -62.04 | -2.3 | 10.7 |
| -62.04 | -2.4 | 10.6 |
| -62.04 | -2.4 | 10.6 |
| -62.04 | -2.2 | 10.8 |
| -62.04 | -2.2 | 10.8 |
| -62.04 | -2   | 11   |
| -62.04 | -1.9 | 11.1 |
| -62.04 | -1.7 | 11.3 |
| -62.04 | -1.7 | 11.3 |
| -62.04 | -1.7 | 11.3 |
| -62.04 | -1.6 | 11.4 |
| -62.04 | -1.5 | 11.5 |
| -62.04 | -1.6 | 11.4 |
| -62.04 | -1.6 | 11.4 |
| -62.04 | -1.7 | 11.3 |
| -62.04 | -1.7 | 11.3 |
| -62.04 | -1.7 | 11.3 |
| -62.04 | -1.6 | 11.4 |
| -62.04 | -1.8 | 11.2 |
| -62.04 | -1.7 | 11.3 |
| -62.04 | -1.7 | 11.3 |

|        |      |      |
|--------|------|------|
| -62.04 | -1.8 | 11.2 |
| -62.04 | -1.8 | 11.2 |
| -62.04 | -1.8 | 11.2 |
| -62.04 | -1.8 | 11.2 |
| -62.04 | -1.8 | 11.2 |
| -62.04 | -1.8 | 11.2 |
| -62.04 | -1.7 | 11.3 |
| -62.04 | -1.6 | 11.4 |
| -62.04 | -1.5 | 11.5 |
| -62.04 | -1.4 | 11.6 |
| -62.04 | -1.3 | 11.7 |
| -62.04 | -1.3 | 11.7 |
| -62.04 | -1.3 | 11.7 |
| -62.04 | -1.4 | 11.6 |
| -62.04 | -1.3 | 11.7 |
| -62.04 | -1.2 | 11.8 |
| -62.04 | -1.3 | 11.7 |
| -62.04 | -1.3 | 11.7 |
| -62.04 | -1.5 | 11.5 |
| -62.04 | -1.6 | 11.4 |
| -62.04 | -1.7 | 11.3 |
| -62.04 | -1.8 | 11.2 |
| -62.04 | -1.8 | 11.2 |
| -62.04 | -1.8 | 11.2 |
| -62.04 | -1.8 | 11.2 |
| -62.04 | -1.7 | 11.3 |
| -62.04 | -1.7 | 11.3 |
| -62.04 | -1.5 | 11.5 |
| -62.04 | -1.3 | 11.7 |
| -62.04 | -1.1 | 11.9 |
| -62.04 | -1.1 | 11.9 |
| -62.04 | -1.1 | 11.9 |
| -62.04 | -0.9 | 12.1 |
| -62.04 | -0.9 | 12.1 |
| -62.04 | -1.1 | 11.9 |
| -62.04 | -1.1 | 11.9 |
| -62.04 | -1.4 | 11.6 |
| -62.04 | -1.8 | 11.2 |
| -62.04 | -1.9 | 11.1 |
| -62.04 | -2   | 11   |
| -62.04 | -2   | 11   |
| -62.04 | -2   | 11   |
| -62.04 | -1.9 | 11.1 |
| -62.04 | -2   | 11   |
| -62.04 | -1.8 | 11.2 |
| -62.04 | -1.7 | 11.3 |
| -62.04 | -1.5 | 11.5 |
| -62.04 | -1.6 | 11.4 |
| -62.04 | -1.6 | 11.4 |
| -62.04 | -1.4 | 11.6 |
| -62.04 | -1.4 | 11.6 |
| -62.04 | -1.2 | 11.8 |

|        |      |      |
|--------|------|------|
| -62.04 | -1   | 12   |
| -62.04 | -1.5 | 11.5 |
| -62.04 | -0.9 | 12.1 |
| -62.04 | -1   | 12   |
| -62.04 | -1.1 | 11.9 |
| -62.04 | -1.4 | 11.6 |
| -62.04 | -1.4 | 11.6 |
| -62.04 | -1.4 | 11.6 |
| -62.04 | -1.5 | 11.5 |
| -62.04 | -1.6 | 11.4 |
| -62.04 | -1.4 | 11.6 |
| -62.04 | -1.7 | 11.3 |
| -62.04 | -1.2 | 11.8 |
| -62.04 | -0.9 | 12.1 |
| -62.04 | -0.7 | 12.3 |
| -62.04 | -0.7 | 12.3 |
| -62.04 | -1.4 | 11.6 |
| -62.04 | -1.4 | 11.6 |
| -62.04 | -1.7 | 11.3 |
| -62.04 | -2   | 11   |
| -62.04 | -2.7 | 10.3 |
| -62.04 | -1.8 | 11.2 |
| -62.04 | -3.1 | 9.9  |
| -62.04 | -2.5 | 10.5 |
| -62.04 | -1.9 | 11.1 |
| -62.04 | -1.4 | 11.6 |
| -62.04 | -0.8 | 12.2 |
| -62.04 | -0.6 | 12.4 |
| -62.04 | -0.4 | 12.6 |
| -62.04 | -0.7 | 12.3 |
| -62.04 | -1.3 | 11.7 |
| -62.04 | -2.2 | 10.8 |
| -62.04 | -1.6 | 11.4 |
| -62.04 | -1.9 | 11.1 |
| -62.04 | -1.7 | 11.3 |
| -62.04 | -1.7 | 11.3 |
| -62.04 | -1.7 | 11.3 |
| -62.04 | -1.7 | 11.3 |
| -62.04 | -1.4 | 11.6 |
| -62.04 | -1.3 | 11.7 |
| -62.04 | -1.1 | 11.9 |
| -62.04 | -1.3 | 11.7 |
| -62.04 | -1   | 12   |
| -62.04 | -1   | 12   |
| -62.04 | -1.1 | 11.9 |
| -62.04 | -1.1 | 11.9 |
| -62.04 | -1.3 | 11.7 |
| -62.04 | -1.4 | 11.6 |
| -62.04 | -1.5 | 11.5 |
| -62.04 | -1.7 | 11.3 |
| -62.04 | -1.8 | 11.2 |
| -62.04 | -2.1 | 10.9 |

|        |      |      |
|--------|------|------|
| -62.04 | -2.4 | 10.6 |
| -62.04 | -2.4 | 10.6 |
| -62.04 | -2.4 | 10.6 |
| -62.04 | -2.4 | 10.6 |
| -62.04 | -2.2 | 10.8 |
| -62.04 | -2.1 | 10.9 |
| -62.04 | -2   | 11   |
| -62.04 | -1.8 | 11.2 |
| -62.04 | -1.6 | 11.4 |
| -62.04 | -1.7 | 11.3 |
| -62.04 | -1.2 | 11.8 |
| -62.04 | -1.2 | 11.8 |
| -62.04 | -1.2 | 11.8 |
| -62.04 | -1.3 | 11.7 |
| -62.04 | -1.4 | 11.6 |
| -62.04 | -1.5 | 11.5 |
| -62.04 | -1.8 | 11.2 |
| -62.04 | -1.9 | 11.1 |
| -62.04 | -2   | 11   |
| -62.04 | -2.1 | 10.9 |
| -62.04 | -2.4 | 10.6 |
| -62.04 | -2.5 | 10.5 |
| -62.04 | -2.3 | 10.7 |
| -62.04 | -2.2 | 10.8 |
| -62.04 | -2.1 | 10.9 |
| -62.04 | -2.1 | 10.9 |
| -62.04 | -1.8 | 11.2 |
| -62.04 | -1.9 | 11.1 |
| -62.04 | -1.9 | 11.1 |
| -62.04 | -2   | 11   |
| -62.04 | -2   | 11   |
| -62.04 | -2   | 11   |
| -62.04 | -1.9 | 11.1 |
| -62.04 | -1.9 | 11.1 |
| -62.04 | -1.9 | 11.1 |
| -62.04 | -1.9 | 11.1 |
| -62.04 | -2   | 11   |
| -62.04 | -2.1 | 10.9 |
| -62.04 | -2.2 | 10.8 |
| -62.04 | -2.3 | 10.7 |
| -62.04 | -2.3 | 10.7 |
| -62.04 | -2.3 | 10.7 |
| -62.04 | -2.3 | 10.7 |
| -62.04 | -2.3 | 10.7 |
| -62.04 | -2.3 | 10.7 |
| -62.04 | -2.2 | 10.8 |
| -62.04 | -2.2 | 10.8 |
| -62.04 | -2   | 11   |
| -62.04 | -1.9 | 11.1 |
| -62.04 | -1.9 | 11.1 |
| -62.04 | -1.9 | 11.1 |
| -62.04 | -1.9 | 11.1 |

|        |      |      |
|--------|------|------|
| -62.04 | -1.9 | 11.1 |
| -62.04 | -1.9 | 11.1 |
| -62.04 | -2   | 11   |
| -62.04 | -2.1 | 10.9 |
| -62.04 | -2.3 | 10.7 |
| -62.04 | -2.4 | 10.6 |
| -62.04 | -2.6 | 10.4 |
| -62.04 | -2.8 | 10.2 |
| -62.04 | -3   | 10   |
| -62.04 | -2.9 | 10.1 |
| -62.04 | -2.9 | 10.1 |
| -62.04 | -2.8 | 10.2 |
| -62.04 | -2.7 | 10.3 |
| -62.04 | -2.6 | 10.4 |
| -62.04 | -2.6 | 10.4 |
| -62.04 | -2.5 | 10.5 |
| -62.04 | -2.5 | 10.5 |
| -62.04 | -2.4 | 10.6 |
| -62.04 | -2.1 | 10.9 |
| -62.04 | -1.7 | 11.3 |
| -62.04 | -1.3 | 11.7 |
| -62.04 | -1.3 | 11.7 |
| -62.04 | -0.4 | 12.6 |
| -62.04 | -0.1 | 12.9 |
| -62.04 | -0.2 | 12.8 |
| -62.04 | -0.4 | 12.6 |
| -62.04 | -0.6 | 12.4 |
| -62.04 | -1   | 12   |
| -62.04 | -0.2 | 12.8 |
| -62.04 | 0.2  | 13.2 |
| -62.04 | 0.2  | 13.2 |
| -62.04 | 0.1  | 13.1 |
| -62.04 | 0    | 13   |
| -62.04 | -0.8 | 12.2 |
| -62.04 | -1.1 | 11.9 |
| -62.04 | -1.2 | 11.8 |
| -62.04 | -1.4 | 11.6 |
| -62.04 | -1.4 | 11.6 |
| -62.04 | -1.6 | 11.4 |
| -62.04 | -1.6 | 11.4 |
| -62.04 | -1.7 | 11.3 |
| -62.04 | -1.8 | 11.2 |
| -62.04 | -2   | 11   |
| -62.04 | -1.9 | 11.1 |
| -62.04 | -2   | 11   |
| -62.04 | -2   | 11   |
| -62.04 | -1.9 | 11.1 |
| -62.04 | -1.9 | 11.1 |
| -62.04 | -1.8 | 11.2 |
| -62.04 | -1.6 | 11.4 |
| -62.04 | -1.4 | 11.6 |
| -62.04 | -1.2 | 11.8 |

|        |      |      |
|--------|------|------|
| -62.04 | -0.8 | 12.2 |
| -62.04 | -0.7 | 12.3 |
| -62.04 | -0.6 | 12.4 |
| -62.04 | -0.5 | 12.5 |
| -62.04 | -0.5 | 12.5 |
| -62.04 | -0.4 | 12.6 |
| -62.04 | -0.4 | 12.6 |
| -62.04 | -0.6 | 12.4 |
| -62.04 | -0.6 | 12.4 |
| -62.04 | -0.9 | 12.1 |
| -62.04 | -0.8 | 12.2 |
| -62.04 | -0.7 | 12.3 |
| -62.04 | -0.6 | 12.4 |
| -62.04 | -0.5 | 12.5 |
| -62.04 | 0.1  | 13.1 |
| -62.04 | 0.1  | 13.1 |
| -62.04 | 0.3  | 13.3 |
| -62.04 | 0.8  | 13.8 |
| -62.04 | 1.2  | 14.2 |
| -62.04 | 1.2  | 14.2 |
| -62.04 | 1.6  | 14.6 |
| -62.04 | 1.7  | 14.7 |
| -62.04 | 2    | 15   |
| -62.04 | 2    | 15   |
| -62.04 | 2.2  | 15.2 |
| -62.04 | 2.2  | 15.2 |
| -62.04 | 2.2  | 15.2 |
| -62.04 | 2.3  | 15.3 |
| -62.04 | 2.6  | 15.6 |
| -62.04 | 2.6  | 15.6 |
| -62.04 | 2.5  | 15.5 |
| -62.04 | 2.5  | 15.5 |
| -62.04 | 3.1  | 16.1 |
| -62.04 | 2.8  | 15.8 |
| -62.04 | 3.1  | 16.1 |
| -62.04 | 3.5  | 16.5 |