

| 5771.4             | NO ERRORS  | 3.8                 | -6                 | 9.6 | 14  | N/A (4)                |
|--------------------|------------|---------------------|--------------------|-----|-----|------------------------|
| 5771.3             | 3.5        | 3.6                 | -6                 | 9.6 | 14  | 23.6                   |
| Frequency<br>[MHZ] | BER x 1E-5 | Jamming<br>Power, J | Signal<br>Power, S | J/S | S/N | Processing<br>Gain, Gp |
| 5775               |            |                     |                    |     |     | N/A (4)                |
| !                  | !          | !                   | !                  | !   | !   | !                      |
| 5771.2             | 4.8        | 3.5                 | -6                 | 9.5 | 14  | 23.5                   |
| 5771.1             | 3.2        | 3.1                 | -6                 | 9.1 | 14  | 23.1                   |
| 5771.0             | 4.9        | 3                   | -6                 | 9   | 14  | 23                     |
| 5770.9             | 1.7        | 2.6                 | -6                 | 8.6 | 14  | 22.6                   |
| 5770.8             | 2.2        | 2.4                 | -6                 | 8.4 | 14  | 22.4                   |
| 5770.7             | 3.8        | 2.4                 | -6                 | 8.4 | 14  | 22.4                   |
| 5770.6             | 4          | 2.1                 | -6                 | 8.1 | 14  | 22.1                   |
| 5770.5             | 4.8        | 2                   | -6                 | 8   | 14  | 22                     |
| 5770.4             | 1.7        | 1.8                 | -6                 | 7.8 | 14  | 21.8                   |
| 5770.3             | 2.8        | 1.7                 | -6                 | 7.7 | 14  | 21.7                   |
| 5770.2             | 3.5        | 1.4                 | -6                 | 7.4 | 14  | 21.4                   |
| 5770.1             | 1.7        | 1.2                 | -6                 | 7.2 | 14  | 21.2                   |
| 5770.0             | 2          | 1.1                 | -6                 | 7.1 | 14  | 21.1                   |
| 5769.9             | 1.9        | 0.9                 | -6                 | 6.9 | 14  | 20.9                   |
| 5769.8             | 2.1        | 0.7                 | -6                 | 6.7 | 14  | 20.7                   |
| 5769.7             | 2.6        | 0.6                 | -6                 | 6.6 | 14  | 20.6                   |
| 5769.6             | 1.9        | 0.6                 | -6                 | 6.6 | 14  | 20.6                   |
| 5769.5             | 1.7        | 0.4                 | -6                 | 6.4 | 14  | 20.4                   |
| 5769.4             | 2.3        | 0.4                 | -6                 | 6.4 | 14  | 20.4                   |
| 5769.3             | 3          | 0.1                 | -6                 | 6.1 | 14  | 20.1                   |
| 5769.2             | 3.2        | 0                   | -6                 | 6   | 14  | 20                     |
| 5769.1             | 4          | -0.1                | -6                 | 5.9 | 14  | 19.9                   |
| 5769.0             | 3.5        | -0.2                | -6                 | 5.8 | 14  | 19.8                   |
| 5768.9             | 2.5        | -0.3                | -6                 | 5.7 | 14  | 19.7                   |
| 5768.8             | 3.8        | -0.4                | -6                 | 5.6 | 14  | 19.6                   |
| 5768.7             | 2.1        | -0.5                | -6                 | 5.5 | 14  | 19.5                   |
| 5768.6             | 2.4        | -0.7                | -6                 | 5.3 | 14  | 19.3                   |
| 5768.5             | 4          | -0.8                | -6                 | 5.2 | 14  | 19.2                   |
| 5768.4             | 4.4        | -0.9                | -6                 | 5.1 | 14  | 19.1                   |
| 5768.3             | 0.9        | -1.1                | -6                 | 4.9 | 14  | 18.9                   |
| 5768.2             | 2.2        | -1.3                | -6                 | 4.7 | 14  | 18.7                   |
| 5768.1             | 2.6        | -1.3                | -6                 | 4.7 | 14  | 18.7                   |
| 5768.0             | 1.8        | -1.5                | -6                 | 4.5 | 14  | 18.5                   |
| 5767.9             | 2.5        | -1.5                | -6                 | 4.5 | 14  | 18.5                   |
| 5767.8             | 4.1        | -1.7                | -6                 | 4.3 | 14  | 18.3                   |
| 5767.7             | 4.1        | -1.7                | -6                 | 4.3 | 14  | 18.3                   |
| 5767.6             | 1          | -1.8                | -6                 | 4.2 | 14  | 18.2                   |
| 5767.5             | 1.9        | -1.9                | -6                 | 4.1 | 14  | 18.1                   |
| 5767.4             | 1.6        | -2                  | -6                 | 4   | 14  | 18                     |
| 5767.3             | 4.4        | -2                  | -6                 | 4   | 14  | 18                     |
| 5767.2             | 5          | -2.2                | -6                 | 3.8 | 14  | 17.8                   |
| 5767.1             | 4.1        | -2.2                | -6                 | 3.8 | 14  | 17.8                   |

## PROCESS GAIN DATA

5775 (high end) toward low end: 5730 MHz

Unit under test: TX High

**PROCESS GAIN DATA**

| Frequency<br>[MHZ]            | BER x 1E-5 | Jamming<br>Power, J | Signal<br>Power, S | J/S                      | S/N | Processing<br>Gain, Gp |
|-------------------------------|------------|---------------------|--------------------|--------------------------|-----|------------------------|
| 5767 toward low end: 5730 MHz |            |                     |                    | Unit under test: TX High |     |                        |
| 5767                          | 4.4        | -2.4                | -6                 | 3.6                      | 14  | 17.6                   |
| 5766.9                        | 2.1        | -2.5                | -6                 | 3.5                      | 14  | 17.5                   |
| 5766.8                        | 1.7        | -2.8                | -6                 | 3.2                      | 14  | 17.2                   |
| 5766.7                        | 1.7        | -2.8                | -6                 | 3.2                      | 14  | 17.2                   |
| 5766.6                        | 1.6        | -2.8                | -6                 | 3.2                      | 14  | 17.2                   |
| 5766.5                        | 0.9        | -3.2                | -6                 | 2.8                      | 14  | 16.8                   |
| 5766.4                        | 1.8        | -3.2                | -6                 | 2.8                      | 14  | 16.8                   |
| 5766.3                        | 2.7        | -3.2                | -6                 | 2.8                      | 14  | 16.8                   |
| 5766.2                        | 2.4        | -3.2                | -6                 | 2.8                      | 14  | 16.8                   |
| 5766.1                        | 2          | -3.2                | -6                 | 2.8                      | 14  | 16.8                   |
| 5766                          | 1.3        | -3.2                | -6                 | 2.8                      | 14  | 16.6                   |
| 5765.9                        | 4          | -3.4                | -6                 | 2.6                      | 14  | 16.5                   |
| 5765.8                        | 4.4        | -3.5                | -6                 | 2.5                      | 14  | 16.3                   |
| 5765.7                        | 1.6        | -3.7                | -6                 | 2.3                      | 14  | 16.5                   |
| 5765.6                        | 1          | -3.5                | -6                 | 2.5                      | 14  | 16.2                   |
| 5765.5                        | 1.5        | -3.8                | -6                 | 2.2                      | 14  | 16.1                   |
| 5765.4                        | 1.3        | -3.9                | -6                 | 2.1                      | 14  | 16                     |
| 5765.3                        | 3.2        | -3.9                | -6                 | 2.1                      | 14  | 1                      |
| 5765.2                        | 1.1        | -4.1                | -6                 | 1.9                      | 14  | 15.9                   |
| 5765.1                        | 3.4        | -4.1                | -6                 | 1.9                      | 14  | 15.9                   |
| 5765                          | 1.1        | -4.1                | -6                 | 1.9                      | 14  | 15.9                   |
| 5764.9                        | 2.5        | -4.1                | -6                 | 1.9                      | 14  | 15.9                   |
| 5764.8                        | 1.3        | -4.2                | -6                 | 1.8                      | 14  | 15.8                   |
| 5764.7                        | 3.8        | -4.3                | -6                 | 1.7                      | 14  | 15.7                   |
| 5764.6                        | 1.1        | -4.5                | -6                 | 1.5                      | 14  | 15.5                   |
| 5764.5                        | 2.2        | -4.8                | -6                 | 1.2                      | 14  | 15.2                   |
| 5764.4                        | 3.7        | -4.8                | -6                 | 1.2                      | 14  | 15.2                   |
| 5764.3                        | 1.1        | -5.3                | -6                 | 0.7                      | 14  | 14.7                   |
| 5764.2                        | 1.2        | -5.6                | -6                 | 0.4                      | 14  | 14.6                   |
| 5764.1                        | 3.6        | -5.8                | -6                 | 0.2                      | 14  | 14.2                   |
| 5764                          | 1.1        | -6                  | -6                 | 0                        | 14  | 14                     |
| 5763.9                        | 2.9        | -6.3                | -6                 | -0.3                     | 14  | 13.7                   |
| 5763.8                        | 4.9        | -6.3                | -6                 | -0.3                     | 14  | 13.7                   |
| 5763.7                        | 3.4        | -6.3                | -6                 | -0.3                     | 14  | 13.7                   |
| 5763.6                        | 3.9        | -6.3                | -6                 | -0.3                     | 14  | 13.7                   |
| 5763.5                        | 4.8        | -5.8                | -6                 | 0.2                      | 14  | 14.2                   |
| 5763.4                        | 4.1        | -5.8                | -6                 | 0.2                      | 14  | 14.2                   |
| 5763.3                        | 4.5        | -5.8                | -6                 | 0.2                      | 14  | 14.2                   |
| 5763.2                        | 3.6        | -5.6                | -6                 | 0.4                      | 14  | 14.4                   |
| 5763.1                        | 4.8        | -5.5                | -6                 | 0.5                      | 14  | 14.5                   |
| 5763                          | 4.5        | -5.3                | -6                 | 0.7                      | 14  | 14.7                   |
| 5762.9                        | 4.5        | -5.3                | -6                 | 0.7                      | 14  | 14.7                   |
| 5762.8                        | 4.5        | -5.3                | -6                 | 0.7                      | 14  | 14.7                   |
| 5762.7                        | 0.8        | -5.3                | -6                 | 0.7                      | 14  | 14.7                   |

|        |     |      |    |     |    |      |
|--------|-----|------|----|-----|----|------|
| 5762.6 | 1.5 | -5.3 | -6 | 0.7 | 14 | 14.7 |
| 5762.5 | 2.4 | -5.3 | -6 | 0.7 | 14 | 14.7 |

| Frequency<br>[MHZ] | BER x 1E-5 | Jamming<br>Power, J | Signal<br>Power, S | J/S | S/N | Processing<br>Gain, Gp |
|--------------------|------------|---------------------|--------------------|-----|-----|------------------------|
|--------------------|------------|---------------------|--------------------|-----|-----|------------------------|

# **PROCESS GAIN DATA**

5762.4 MHz toward low end: 5730 MHz

Unit under test: TX High

|        |     |      |    |     |    |      |
|--------|-----|------|----|-----|----|------|
| 5762.4 | 4.4 | -5.3 | -6 | 0.7 | 14 | 14.7 |
| 5762.3 | 3.9 | -5.3 | -6 | 0.7 | 14 | 14.7 |
| 5762.2 | 4.3 | -5.3 | -6 | 0.7 | 14 | 14.7 |
| 5762.1 | 0.9 | -5.4 | -6 | 0.6 | 14 | 14.6 |
| 5762   | 1.5 | -5.4 | -6 | 0.6 | 14 | 14.6 |
| 5761.9 | 1.9 | -5.4 | -6 | 0.6 | 14 | 14.6 |
| 5761.8 | 1.5 | -5.4 | -6 | 0.6 | 14 | 14.6 |
| 5761.7 | 4.5 | -5.4 | -6 | 0.6 | 14 | 14.6 |
| 5761.6 | 1.3 | -5.4 | -6 | 0.6 | 14 | 14.6 |
| 5761.5 | 2.8 | -5.4 | -6 | 0.6 | 14 | 14.6 |
| 5761.4 | 2.6 | -5.4 | -6 | 0.6 | 14 | 14.6 |
| 5761.3 | 2.5 | -5.5 | -6 | 0.5 | 14 | 14.5 |
| 5761.2 | 2.9 | -5.5 | -6 | 0.5 | 14 | 14.5 |
| 5761.1 | 3.6 | -5.6 | -6 | 0.4 | 14 | 14.4 |
| 5761   | 1.7 | -5.6 | -6 | 0.4 | 14 | 14.4 |
| 5760.9 | 2.9 | -5.6 | -6 | 0.4 | 14 | 14.4 |
| 5760.8 | 1.5 | -5.7 | -6 | 0.3 | 14 | 14.3 |
| 5760.7 | 1.7 | -5.7 | -6 | 0.3 | 14 | 14.3 |
| 5760.6 | 2.5 | -5.7 | -6 | 0.3 | 14 | 14.3 |
| 5760.5 | 2.7 | -5.7 | -6 | 0.3 | 14 | 14.3 |
| 5760.4 | 2.4 | -5.7 | -6 | 0.3 | 14 | 14.3 |
| 5760.3 | 2   | -5.7 | -6 | 0.3 | 14 | 14.3 |
| 5760.2 | 2.7 | -5.7 | -6 | 0.3 | 14 | 14.3 |
| 5760.1 | 3.1 | -5.7 | -6 | 0.3 | 14 | 14.3 |
| 5760   | 1.1 | -5.8 | -6 | 0.2 | 14 | 14.2 |
| 5759.9 | 1.5 | -5.8 | -6 | 0.2 | 14 | 14.2 |
| 5759.8 | 1.1 | -5.8 | -6 | 0.2 | 14 | 14.2 |
| 5759.7 | 4.3 | -5.8 | -6 | 0.2 | 14 | 14.2 |
| 5759.6 | 1.9 | -5.8 | -6 | 0.2 | 14 | 14.2 |
| 5759.5 | 1.3 | -5.9 | -6 | 0.1 | 14 | 14.1 |
| 5759.4 | 3.5 | -5.9 | -6 | 0.1 | 14 | 14.1 |
| 5759.3 | 4   | -5.9 | -6 | 0.1 | 14 | 14.1 |
| 5759.2 | 4.7 | -5.9 | -6 | 0.1 | 14 | 14.1 |
| 5759.1 | 4.6 | -5.9 | -6 | 0.1 | 14 | 14.1 |
| 5759   | 4.1 | -5.9 | -6 | 0.1 | 14 | 14.1 |
| 5758.9 | 1.3 | -5.9 | -6 | 0.1 | 14 | 14.1 |
| 5758.8 | 3.6 | -5.9 | -6 | 0.1 | 14 | 14.1 |
| 5758.7 | 4.7 | -5.9 | -6 | 0.1 | 14 | 14.1 |
| 5758.6 | 4.4 | -5.9 | -6 | 0.1 | 14 | 14.1 |
| 5758.5 | 2.1 | -5.9 | -6 | 0.1 | 14 | 14.1 |
| 5758.4 | 4.3 | -6   | -6 | 0   | 14 | 14   |
| 5758.3 | 4.9 | -6   | -6 | 0   | 14 | 14   |

|        |     |    |    |   |    |    |
|--------|-----|----|----|---|----|----|
| 5758.2 | 4.9 | -6 | -6 | 0 | 14 | 14 |
| 5758.1 | 3.5 | -6 | -6 | 0 | 14 | 14 |

| Frequency<br>[MHZ] | BER x 1E-5 | Jamming<br>Power, J | Signal<br>Power, S | J/S | S/N | Processing<br>Gain, Gp |
|--------------------|------------|---------------------|--------------------|-----|-----|------------------------|
|--------------------|------------|---------------------|--------------------|-----|-----|------------------------|

# **PROCESS GAIN DATA**

5758 MHz toward low end: 5730 MHz

Unit under test: TX High

|        |     |      |    |      |    |      |
|--------|-----|------|----|------|----|------|
| 5758   | 3.5 | -6.1 | -6 | -0.1 | 14 | 13.9 |
| 5757.9 | 2.4 | -6.2 | -6 | -0.2 | 14 | 13.8 |
| 5757.8 | 2.7 | -6.2 | -6 | -0.2 | 14 | 13.8 |
| 5757.7 | 2.7 | -6.2 | -6 | -0.2 | 14 | 13.8 |
| 5757.6 | 1.8 | -6.3 | -6 | -0.3 | 14 | 13.7 |
| 5757.5 | 4.8 | -6.3 | -6 | -0.3 | 14 | 13.7 |
| 5757.4 | 3.3 | -6.3 | -6 | -0.3 | 14 | 13.7 |
| 5757.3 | 4.9 | -6.3 | -6 | -0.3 | 14 | 13.7 |
| 5757.2 | 4.9 | -6.3 | -6 | -0.3 | 14 | 13.7 |
| 5757.1 | 4   | -6.4 | -6 | -0.4 | 14 | 13.6 |
| 5757   | 4.4 | -6.5 | -6 | -0.4 | 14 | 13.6 |
| 5756.9 | 1.9 | -6.5 | -6 | -0.5 | 14 | 13.5 |
| 5756.8 | 2.3 | -6.5 | -6 | -0.5 | 14 | 13.5 |
| 5756.7 | 2.7 | -6.5 | -6 | -0.5 | 14 | 13.5 |
| 5756.6 | 3.5 | -6.5 | -6 | -0.5 | 14 | 13.5 |
| 5756.5 | 2.2 | -6.5 | -6 | -0.5 | 14 | 13.5 |
| 5756.4 | 4.8 | -6.5 | -6 | -0.5 | 14 | 13.5 |
| 5756.3 | 3.8 | -6.5 | -6 | -0.5 | 14 | 13.5 |
| 5756.2 | 4.9 | -6.6 | -6 | -0.6 | 14 | 13.4 |
| 5756.1 | 2.7 | -6.6 | -6 | -0.6 | 14 | 13.4 |
| 5756   | 4   | -6.8 | -6 | -0.8 | 14 | 13.2 |
| 5755.9 | 4.9 | -6.8 | -6 | -0.8 | 14 | 13.2 |
| 5755.8 | 4.9 | -6.7 | -6 | -0.7 | 14 | 13.3 |
| 5755.7 | 4.5 | -6.7 | -6 | -0.7 | 14 | 13.3 |
| 5755.6 | 1.9 | -6.8 | -6 | -0.8 | 14 | 13.2 |
| 5755.5 | 4.1 | -6.9 | -6 | -0.9 | 14 | 13.1 |
| 5755.4 | 2.2 | -6.9 | -6 | -0.9 | 14 | 13.1 |
| 5755.3 | 4.7 | -6.9 | -6 | -0.9 | 14 | 13.1 |
| 5755.2 | 2.9 | -6.9 | -6 | -0.9 | 14 | 13.1 |
| 5755.1 | 1.5 | -7   | -6 | -1   | 14 | 13   |
| 5755   | 2.2 | -7.1 | -6 | -1.1 | 14 | 12.9 |
| 5754.9 | 2.9 | -7.1 | -6 | -1.1 | 14 | 12.9 |
| 5754.8 | 3.1 | -7.1 | -6 | -1.1 | 14 | 12.9 |
| 5754.7 | 4   | -7.1 | -6 | -1.1 | 14 | 12.9 |
| 5754.6 | 2.5 | -7.1 | -6 | -1.1 | 14 | 12.9 |
| 5754.5 | 3.7 | -7   | -6 | -1   | 14 | 13   |
| 5754.4 | 3.3 | -7   | -6 | -1   | 14 | 13   |
| 5754.3 | 3.1 | -7   | -6 | -1   | 14 | 13   |
| 5754.2 | 3.6 | -7   | -6 | -1   | 14 | 13   |
| 5754.1 | 2.6 | -7   | -6 | -1   | 14 | 13   |
| 5754   | 3.9 | -7   | -6 | -1   | 14 | 13   |
| 5753.9 | 2.8 | -7   | -6 | -1   | 14 | 13   |
| 5753.8 | 4.9 | -7   | -6 | -1   | 14 | 13   |

| 5753.7             | 1.8        | -7.11               | -6                 | -1.1 | 14  | 13                     |
|--------------------|------------|---------------------|--------------------|------|-----|------------------------|
| 5753.6             | 2.9        | -7.1                | -6                 | -1.1 | 14  | 12.9                   |
| Frequency<br>[MHZ] | BER x 1E-5 | Jamming<br>Power, J | Signal<br>Power, S | J/S  | S/N | Processing<br>Gain, Gp |
| 5753.5             | 4.4        | -7.1                | -6                 | -1.1 | 14  | 12.9                   |

### PROCESS GAIN DATA

5753.4 MHz toward low end: 5730 MHz

Unit under test: TX High

|        |     |      |    |      |    |      |
|--------|-----|------|----|------|----|------|
| 5753.4 | 3   | -7.2 | -6 | -1.2 | 14 | 12.8 |
| 5753.3 | 1.5 | -7.3 | -6 | -1.3 | 14 | 12.7 |
| 5753.2 | 4.3 | -7.4 | -6 | -1.4 | 14 | 12.6 |
| 5753.1 | 3.5 | -7.4 | -6 | -1.4 | 14 | 12.6 |
| 5753   | 3.1 | -7.5 | -6 | -1.5 | 14 | 12.5 |
| 5752.9 | 1.7 | -7.9 | -6 | -1.9 | 14 | 12.1 |
| 5752.8 | 2.2 | -8   | -6 | -2   | 14 | 12   |
| 5752.7 | 1.9 | -8.1 | -6 | -2.1 | 14 | 11.9 |
| 5752.6 | 1.8 | -8.2 | -6 | -2.2 | 14 | 11.8 |
| 5752.5 | 3.3 | -8.2 | -6 | -2.2 | 14 | 11.8 |
| 5752.4 | 1.8 | -8.2 | -6 | -2.2 | 14 | 11.8 |
| 5752.3 | 3.5 | -8.2 | -6 | -2.2 | 14 | 11.8 |
| 5752.2 | 1.1 | -8.1 | -6 | -2.1 | 14 | 11.9 |
| 5752.1 | 1.6 | -7.9 | -6 | -1.9 | 14 | 12.1 |
| 5752   | 4.4 | -7.7 | -6 | -1.7 | 14 | 12.3 |
| 5751.9 | 1.7 | -7.6 | -6 | -0.6 | 14 | 12.4 |
| 5751.8 | 2.2 | -7.4 | -6 | -1.4 | 14 | 12.6 |
| 5751.7 | 4.2 | -7.3 | -6 | -1.3 | 14 | 12.7 |
| 5751.6 | 4.2 | -7.2 | -6 | -1.2 | 14 | 12.8 |
| 5751.5 | 4.4 | -7.1 | -6 | -1.1 | 14 | 12.9 |
| 5751.4 | 1.9 | -7.1 | -6 | -1.1 | 14 | 12.9 |
| 5751.3 | 3.2 | -7.1 | -6 | -1.1 | 14 | 12.9 |
| 5751.2 | 1.8 | -7.2 | -6 | -1.2 | 14 | 12.8 |
| 5751.1 | 3.2 | -7.2 | -6 | -1.2 | 14 | 12.8 |
| 5751   | 2.2 | -7.2 | -6 | -1.2 | 14 | 12.8 |
| 5750.9 | 1.1 | -7.1 | -6 | -1.1 | 14 | 12.9 |
| 5750.8 | 2.8 | -7.1 | -6 | -1.1 | 14 | 12.9 |
| 5750.7 | 3.4 | -7.1 | -6 | -1.1 | 14 | 12.9 |
| 5750.6 | 4.4 | -7.1 | -6 | -1.1 | 14 | 12.9 |
| 5750.5 | 4.4 | -7.1 | -6 | -1.1 | 14 | 12.9 |
| 5750.4 | 4.9 | -7.1 | -6 | -1.1 | 14 | 12.9 |
| 5750.3 | 5   | -7.2 | -6 | -1.2 | 14 | 12.8 |
| 5750.2 | 4   | -7.2 | -6 | -1.2 | 14 | 12.8 |
| 5750.1 | 3.2 | -7.2 | -6 | -1.2 | 14 | 12.8 |
| 5750   | 3.2 | -7.2 | -6 | -1.2 | 14 | 12.8 |
| 5749.9 | 1.9 | -7.2 | -6 | -1.2 | 14 | 12.8 |
| 5749.8 | 1.5 | -7.2 | -6 | -1.2 | 14 | 12.8 |
| 5749.7 | 1.2 | -7.1 | -6 | -1.1 | 14 | 12.9 |
| 5749.6 | 3   | -7.1 | -6 | -1.1 | 14 | 12.9 |
| 5749.5 | 3.7 | -7.1 | -6 | -1.1 | 14 | 12.9 |
| 5749.4 | 2.9 | -7.1 | -6 | -1.1 | 14 | 12.9 |
| 5749.3 | 1.4 | -7.1 | -6 | -1.1 | 14 | 12.9 |

| 5749.2             | 2.2        | -7.1                | -6                 | -1.1 | 14  | 12.9                   |
|--------------------|------------|---------------------|--------------------|------|-----|------------------------|
| 5749.1             | 1.3        | -7.1                | -6                 | -1.1 | 14  | 12.7                   |
| Frequency<br>[MHZ] | BER x 1E-5 | Jamming<br>Power, J | Signal<br>Power, S | J/S  | S/N | Processing<br>Gain, Gp |
| 5749               | 1.3        | -7.1                | -6                 | -1.1 | 14  | 12.9                   |
| 5748.9             | 2.6        | -7                  | -6                 | -1   | 14  | 13                     |

### PROCESS GAIN DATA

5748.8 MHz toward low end: 5730 MHz

Unit under test: TX High

|        |     |      |    |      |    |      |
|--------|-----|------|----|------|----|------|
| 5748.8 | 1.3 | -6.9 | -6 | -0.9 | 14 | 13.1 |
| 5748.7 | 2.4 | -6.9 | -6 | -0.9 | 14 | 13.1 |
| 5748.6 | 1.8 | -6.9 | -6 | -0.9 | 14 | 13.1 |
| 5748.5 | 2.1 | -6.9 | -6 | -0.9 | 14 | 13.1 |
| 5748.4 | 0.9 | -6.9 | -6 | -0.9 | 14 | 13.1 |
| 5748.3 | 1.5 | -6.7 | -6 | -0.7 | 14 | 13.3 |
| 5748.2 | 2.4 | -6.8 | -6 | -0.8 | 14 | 13.2 |
| 5748.1 | 0.7 | -6.8 | -6 | -0.8 | 14 | 13.2 |
| 5748   | 2   | -6.8 | -6 | -0.7 | 14 | 13.3 |
| 5747.9 | 2.3 | -6.7 | -6 | -0.6 | 14 | 13.4 |
| 5747.8 | 4   | -6.6 | -6 | -0.6 | 14 | 13.4 |
| 5747.7 | 4.2 | -6.6 | -6 | -0.6 | 14 | 13.4 |
| 5747.6 | 1.8 | -6.6 | -6 | -0.6 | 14 | 13.4 |
| 5747.5 | 1.5 | -6.6 | -6 | -0.6 | 14 | 13.4 |
| 5747.4 | 2.6 | -6.6 | -6 | -0.6 | 14 | 13.2 |
| 5747.3 | 4.2 | -6.6 | -6 | -0.6 | 14 | 13.4 |
| 5747.2 | 2.1 | -6.6 | -6 | -0.6 | 14 | 13.4 |
| 5747.1 | 1.7 | -6.5 | -6 | -0.5 | 14 | 13.5 |
| 5747   | 3   | -6.5 | -6 | -0.5 | 14 | 13.5 |
| 5746.9 | 2.2 | -6.6 | -6 | -0.6 | 14 | 13.4 |
| 5746.8 | 3.2 | -6.4 | -6 | -0.4 | 14 | 13.6 |
| 5746.7 | 2.4 | -6.4 | -6 | -0.4 | 14 | 13.6 |
| 5746.6 | 2.7 | -6.4 | -6 | -0.4 | 14 | 13.6 |
| 5746.5 | 3.8 | -6.4 | -6 | -0.4 | 14 | 13.6 |
| 5746.4 | 2.4 | -6.3 | -6 | -0.3 | 14 | 13.6 |
| 5746.3 | 2.1 | -6.3 | -6 | -0.3 | 14 | 13.7 |
| 5746.2 | 2.6 | -6.3 | -6 | -0.3 | 14 | 13.7 |
| 5746.1 | 3.7 | -6.2 | -6 | -0.2 | 14 | 13.7 |
| 5746   | 3.4 | -6.3 | -6 | -0.3 | 14 | 13.8 |
| 5745.9 | 1.5 | -6.3 | -6 | -0.3 | 14 | 13.7 |
| 5745.8 | 3   | -6.3 | -6 | -0.3 | 14 | 13.7 |
| 5745.7 | 4   | -6.2 | -6 | -0.3 | 14 | 13.7 |
| 5745.6 | 3.1 | -6.2 | -6 | -0.2 | 14 | 13.7 |
| 5745.5 | 3.8 | -6.2 | -6 | -0.2 | 14 | 13.8 |
| 5745.4 | 1.6 | -6.2 | -6 | -0.2 | 14 | 13.8 |
| 5745.3 | 3.2 | -6.1 | -6 | -0.1 | 14 | 13.8 |
| 5745.2 | 4.8 | -6.1 | -6 | -0.1 | 14 | 13.9 |
| 5745.1 | 2.7 | -6.1 | -6 | -0.1 | 14 | 13.9 |
| 5745   | 1.9 | -6.1 | -6 | -0.1 | 14 | 13.9 |
| 5744.9 | 2.9 | -6.1 | -6 | -0.1 | 14 | 13.9 |
| 5744.8 | 3.8 | -6.1 | -6 | -0.1 | 14 | 13.9 |

| 5744.7             | 2.4        | -6.1                | -6                 | -0.1 | 14  | 13.9                   |
|--------------------|------------|---------------------|--------------------|------|-----|------------------------|
| 5744.6             | 4.2        | -6.1                | -6                 | -0.1 | 14  | 13.9                   |
| Frequency<br>[MHZ] | BER x 1E-5 | Jamming<br>Power, J | Signal<br>Power, S | J/S  | S/N | Processing<br>Gain, Gp |
| 5744.5             | 1.7        | -6.1                | -6                 | -0.1 | 14  | 13.9                   |
| 5744.4             | 3.8        | -6.1                | -6                 | -0.1 | 14  | 13.9                   |
| 5744.3             | 0.1        | -6.2                | -6                 | -0.2 | 14  | 13.8                   |

#### PROCESS GAIN DATA

5744.2 MHz toward low end: 5730 MHz

Unit under test: TX High

|        |     |      |    |      |    |      |
|--------|-----|------|----|------|----|------|
| 5744.2 | 2.7 | -6.1 | -6 | -0.1 | 14 | 13.9 |
| 5744.1 | 4.7 | -6.2 | -6 | -0.2 | 14 | 13.8 |
| 5744   | 2.8 | -6.1 | -6 | -0.1 | 14 | 13.9 |
| 5743.9 | 2.3 | -6   | -6 | 0    | 14 | 14   |
| 5743.8 | 5.2 | -6.1 | -6 | -0.1 | 14 | 13.9 |
| 5743.7 | 1.5 | -6.2 | -6 | -0.2 | 14 | 13.8 |
| 5743.6 | 2.2 | -6.1 | -6 | -0.1 | 14 | 13.9 |
| 5743.5 | 1.1 | -6.1 | -6 | -0.1 | 14 | 13.9 |
| 5743.4 | 4.6 | -6   | -6 | 0    | 14 | 14   |
| 5743.3 | 2.5 | -6.1 | -6 | -0.1 | 14 | 13.9 |
| 5743.2 | 2.2 | -6.1 | -6 | -0.1 | 14 | 13.9 |
| 5743.1 | 1.8 | -6   | -6 | 0    | 14 | 14   |
| 5743   | 2.7 | -5.9 | -6 | 0.1  | 14 | 14.1 |
| 5742.9 | 1.9 | -6   | -6 | 0    | 14 | 14   |
| 5742.8 | 4.8 | -5.9 | -6 | 0.1  | 14 | 14.1 |
| 5742.7 | 4.8 | -6   | -6 | 0    | 14 | 14   |
| 5742.6 | 4   | -6   | -6 | 0    | 14 | 14   |
| 5742.5 | 4.9 | -6   | -6 | 0    | 14 | 14   |
| 5742.4 | 2.2 | -6   | -6 | 0    | 14 | 14   |
| 5742.3 | 2.3 | -5.9 | -6 | 0.1  | 14 | 14.1 |
| 5742.2 | 2.1 | -5.9 | -6 | 0.1  | 14 | 14.1 |
| 5742.1 | 3.7 | -5.9 | -6 | 0.1  | 14 | 14.1 |
| 5742   | 3.6 | -6   | -6 | 0    | 14 | 14   |
| 5741.9 | 4.2 | -6   | -6 | 0    | 14 | 14   |
| 5741.8 | 4   | -6.2 | -6 | -0.2 | 14 | 13.8 |
| 5741.7 | 4.9 | -6.2 | -6 | -0.2 | 14 | 13.8 |
| 5741.6 | 3.4 | -6.4 | -6 | -0.4 | 14 | 13.6 |
| 5741.5 | 4.8 | -6.6 | -6 | -0.6 | 14 | 13.4 |
| 5741.4 | 3.7 | -6.8 | -6 | -0.8 | 14 | 13.2 |
| 5741.3 | 5.3 | -7   | -6 | -1   | 14 | 13   |
| 5741.2 | 4.9 | -7.1 | -6 | -1.1 | 14 | 12.9 |
| 5741.1 | 1.6 | -7.1 | -6 | -1.1 | 14 | 12.9 |
| 5741   | 2.9 | -7.1 | -6 | -1.1 | 14 | 12.9 |
| 5740.9 | 0.9 | -7   | -6 | -1   | 14 | 13   |
| 5740.8 | 0.9 | -6.9 | -6 | -0.9 | 14 | 13.1 |
| 5740.7 | 1.1 | -6.5 | -6 | -0.5 | 14 | 13.5 |
| 5740.6 | 1.1 | -6.4 | -6 | -0.4 | 14 | 13.6 |
| 5740.5 | 3.8 | -6.2 | -6 | -0.2 | 14 | 13.8 |
| 5740.4 | 1.1 | -6   | -6 | 0    | 14 | 14   |
| 5740.3 | 1.4 | -5.5 | -6 | 0.5  | 14 | 14.5 |

| 5740.2             | 3.5        | -5.3                | -6                 | 0.7 | 14  | 14.7                   |
|--------------------|------------|---------------------|--------------------|-----|-----|------------------------|
| 5740.1             | 3.1        | -5.1                | -6                 | 0.9 | 14  | 14.9                   |
| Frequency<br>[MHZ] | BER x 1E-5 | Jamming<br>Power, J | Signal<br>Power, S | J/S | S/N | Processing<br>Gain, Gp |
| 5740               | 3.2        | -5                  | -6                 | 1   | 14  | 15                     |
| 5739.9             | 3.1        | -5                  | -6                 | 1   | 14  | 15                     |
| 5739.8             | 4.5        | -4.9                | -6                 | 1.1 | 14  | 15.1                   |
| 5739.7             | 4.8        | -5                  | -6                 | 1   | 14  | 15                     |

### PROCESS GAIN DATA

5739.6 MHz toward low end: 5730 MHz

Unit under test: TX High

|        |     |      |    |     |    |      |
|--------|-----|------|----|-----|----|------|
| 5739.6 | 2.1 | -5   | -6 | 1   | 14 | 15   |
| 5739.5 | 1.6 | -4.9 | -6 | 1.1 | 14 | 15.1 |
| 5739.4 | 1.5 | -4.8 | -6 | 1.2 | 14 | 15.2 |
| 5739.3 | 1.6 | -4.7 | -6 | 1.3 | 14 | 15.3 |
| 5739.2 | 1.1 | -4.6 | -6 | 1.4 | 14 | 15.4 |
| 5739.1 | 1.7 | -4.5 | -6 | 1.5 | 14 | 15.5 |
| 5739   | 0.9 | -4.5 | -6 | 1.5 | 14 | 15.5 |
| 5738.9 | 2   | -4.4 | -6 | 1.6 | 14 | 15.6 |
| 5738.8 | 4.9 | -4.2 | -6 | 1.8 | 14 | 15.8 |
| 5738.7 | 3.4 | -4   | -6 | 2   | 14 | 16   |
| 5738.6 | 3.3 | -4   | -6 | 2   | 14 | 16   |
| 5738.5 | 4.1 | -3.9 | -6 | 2.1 | 14 | 16.1 |
| 5738.4 | 1.4 | -0.9 | -6 | 2.1 | 14 | 16.1 |
| 5738.3 | 0.9 | -3.8 | -6 | 2.2 | 14 | 16.2 |
| 5738.2 | 3.8 | -3.8 | -6 | 2.2 | 14 | 16.2 |
| 5738.1 | 3.7 | -3.8 | -6 | 2.2 | 14 | 16.2 |
| 5738   | 4.1 | -3.7 | -6 | 2.3 | 14 | 16.3 |
| 5737.9 | 1.1 | -3.7 | -6 | 2.3 | 14 | 16.3 |
| 5737.8 | 0.9 | -3.6 | -6 | 2.4 | 14 | 16.4 |
| 5737.7 | 0.9 | -3.5 | -6 | 2.5 | 14 | 16.5 |
| 5737.6 | 1.9 | -3.3 | -6 | 2.7 | 14 | 16.7 |
| 5737.5 | 3.5 | -3.2 | -6 | 2.8 | 14 | 16.8 |
| 5737.4 | 2.8 | -3.1 | -6 | 2.9 | 14 | 16.9 |
| 5737.3 | 1.9 | -3   | -6 | 3   | 14 | 17   |
| 5737.2 | 3   | -2.9 | -6 | 3.1 | 14 | 17.1 |
| 5737.1 | 1.1 | -2.9 | -6 | 3.2 | 14 | 17.2 |
| 5737   | 1.1 | -2.9 | -6 | 3.2 | 14 | 17.2 |
| 5736.9 | 0.9 | -2.8 | -6 | 3.3 | 14 | 17.3 |
| 5736.8 | 3.4 | -2.6 | -6 | 3.4 | 14 | 17.4 |
| 5736.7 | 3   | -2.6 | -6 | 3.4 | 14 | 17.4 |
| 5736.6 | 0.8 | -2.4 | -6 | 3.6 | 14 | 17.6 |
| 5736.5 | 3.8 | -2.2 | -6 | 3.8 | 14 | 17.8 |
| 5736.4 | 3.5 | -2.1 | -6 | 3.9 | 14 | 17.9 |
| 5736.3 | 3   | -2.1 | -6 | 3.9 | 14 | 17.9 |
| 5736.2 | 1.4 | -1.9 | -6 | 4.1 | 14 | 18.1 |
| 5736.1 | 0.9 | -1.8 | -6 | 4.2 | 14 | 18.2 |
| 5736   | 1.8 | -1.7 | -6 | 4.3 | 14 | 18.3 |
| 5735.9 | 1   | -1.6 | -6 | 4.4 | 14 | 18.4 |
| 5735.8 | 3.7 | -1.3 | -6 | 4.7 | 14 | 18.7 |



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