

[Processing Gain for Channel 6]

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|---------|------|------|------|-----|-------|-------|
| 2442.05 | 14.0 | 16.4 | -4.4 | 2.0 | -64.3 | <=8.0 |
| 2442.10 | 14.0 | 16.4 | -4.4 | 2.0 | -64.3 | <=8.0 |
| 2442.15 | 14.1 | 16.4 | -4.3 | 2.0 | -64.2 | <=8.0 |
| 2442.20 | 14.2 | 16.4 | -4.2 | 2.0 | -64.1 | <=8.0 |
| 2442.25 | 14.3 | 16.4 | -4.1 | 2.0 | -64.0 | <=8.0 |
| 2442.30 | 14.3 | 16.4 | -4.1 | 2.0 | -64.0 | <=8.0 |
| 2442.35 | 14.2 | 16.4 | -4.2 | 2.0 | -64.1 | <=8.0 |
| 2442.40 | 13.9 | 16.4 | -4.5 | 2.0 | -64.4 | <=8.0 |
| 2442.45 | 14.6 | 16.4 | -3.8 | 2.0 | -63.7 | <=8.0 |
| 2442.50 | 14.8 | 16.4 | -3.6 | 2.0 | -63.5 | <=8.0 |
| 2442.55 | 14.9 | 16.4 | -3.5 | 2.0 | -63.4 | <=8.0 |
| 2442.60 | 14.6 | 16.4 | -3.8 | 2.0 | -63.7 | <=8.0 |
| 2442.65 | 14.6 | 16.4 | -3.8 | 2.0 | -63.7 | <=8.0 |
| 2442.70 | 14.5 | 16.4 | -3.9 | 2.0 | -63.8 | <=8.0 |
| 2442.75 | 14.5 | 16.4 | -3.9 | 2.0 | -63.8 | <=8.0 |
| 2442.80 | 14.5 | 16.4 | -3.9 | 2.0 | -63.8 | <=8.0 |
| 2442.85 | 14.5 | 16.4 | -3.9 | 2.0 | -63.8 | <=8.0 |
| 2442.90 | 14.6 | 16.4 | -3.8 | 2.0 | -63.7 | <=8.0 |
| 2442.95 | 14.5 | 16.4 | -3.9 | 2.0 | -63.8 | <=8.0 |
| 2443.00 | 14.6 | 16.4 | -3.8 | 2.0 | -63.7 | <=8.0 |
| 2443.05 | 14.6 | 16.4 | -3.8 | 2.0 | -63.7 | <=8.0 |
| 2443.10 | 14.8 | 16.4 | -3.6 | 2.0 | -63.5 | <=8.0 |
| 2443.15 | 14.8 | 16.4 | -3.6 | 2.0 | -63.5 | <=8.0 |
| 2443.20 | 14.9 | 16.4 | -3.5 | 2.0 | -63.4 | <=8.0 |
| 2443.25 | 16.3 | 16.4 | -2.1 | 2.0 | -62.0 | <=8.0 |
| 2443.30 | 16.8 | 16.4 | -1.6 | 2.0 | -61.5 | <=8.0 |
| 2443.35 | 16.9 | 16.4 | -1.5 | 2.0 | -61.4 | <=8.0 |
| 2443.40 | 16.8 | 16.4 | -1.6 | 2.0 | -61.5 | <=8.0 |
| 2443.45 | 16.6 | 16.4 | -1.8 | 2.0 | -61.7 | <=8.0 |
| 2443.50 | 17.6 | 16.4 | -0.8 | 2.0 | -60.7 | <=8.0 |
| 2443.55 | 17.9 | 16.4 | -0.5 | 2.0 | -60.4 | <=8.0 |
| 2443.60 | 17.9 | 16.4 | -0.5 | 2.0 | -60.4 | <=8.0 |
| 2443.65 | 18.2 | 16.4 | -0.2 | 2.0 | -60.1 | <=8.0 |
| 2443.70 | 18.5 | 16.4 | 0.1 | 2.0 | -59.8 | <=8.0 |
| 2443.75 | 18.5 | 16.4 | 0.1 | 2.0 | -59.8 | <=8.0 |
| 2443.80 | 18.7 | 16.4 | 0.3 | 2.0 | -59.6 | <=8.0 |
| 2443.85 | 18.7 | 16.4 | 0.3 | 2.0 | -59.6 | <=8.0 |
| 2443.90 | 18.1 | 16.4 | -0.3 | 2.0 | -60.2 | <=8.0 |
| 2443.95 | 18.8 | 16.4 | 0.4 | 2.0 | -59.5 | <=8.0 |
| 2444.00 | 19.1 | 16.4 | 0.7 | 2.0 | -59.2 | <=8.0 |
| 2444.05 | 19.3 | 16.4 | 0.9 | 2.0 | -59.0 | <=8.0 |
| 2444.10 | 19.4 | 16.4 | 1.0 | 2.0 | -58.9 | <=8.0 |
| 2444.15 | 19.7 | 16.4 | 1.3 | 2.0 | -58.6 | <=8.0 |
| 2444.20 | 19.9 | 16.4 | 1.5 | 2.0 | -58.4 | <=8.0 |
| 2444.25 | 20.4 | 16.4 | 2.0 | 2.0 | -57.9 | <=8.0 |
| 2444.30 | 20.8 | 16.4 | 2.4 | 2.0 | -57.5 | <=8.0 |

[Processing Gain for Channel 6]

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|---------|------|------|-----|-----|-------|-------|
| 2444.35 | 21.1 | 16.4 | 2.7 | 2.0 | -57.2 | <=8.0 |
| 2444.40 | 21.1 | 16.4 | 2.7 | 2.0 | -57.2 | <=8.0 |
| 2444.45 | 21.4 | 16.4 | 30. | 2.0 | -56.9 | <=8.0 |
| 2444.50 | 21.8 | 16.4 | 3.4 | 2.0 | -56.5 | <=8.0 |
| 2444.55 | 22.3 | 16.4 | 3.9 | 2.0 | -56.0 | <=8.0 |
| 2444.60 | 22.5 | 16.4 | 4.1 | 2.0 | -55.8 | <=8.0 |
| 2444.65 | 22.4 | 16.4 | 4.0 | 2.0 | -55.9 | <=8.0 |
| 2444.70 | 22.7 | 16.4 | 4.3 | 2.0 | -55.6 | <=8.0 |
| 2444.75 | 22.9 | 16.4 | 4.5 | 2.0 | -55.4 | <=8.0 |
| 2444.80 | 23.4 | 16.4 | 5.0 | 2.0 | -54.9 | <=8.0 |
| 2444.85 | 23.7 | 16.4 | 5.3 | 2.0 | -54.6 | <=8.0 |
| 2444.90 | 23.4 | 16.4 | 5.0 | 2.0 | -54.9 | <=8.0 |
| 2444.95 | 24.2 | 16.4 | 5.8 | 2.0 | -54.1 | <=8.0 |
| 2445.00 | 24.1 | 16.4 | 5.7 | 2.0 | -54.2 | <=8.0 |
| 2445.05 | 23.7 | 16.4 | 5.3 | 2.0 | -54.6 | <=8.0 |
| 2445.10 | 23.4 | 16.4 | 5.0 | 2.0 | -54.9 | <=8.0 |
| 2445.15 | 23.4 | 16.4 | 5.0 | 2.0 | -54.9 | <=8.0 |
| 2445.20 | 23.4 | 16.4 | 5.0 | 2.0 | -54.9 | <=8.0 |
| 2445.25 | 23.7 | 16.4 | 5.3 | 2.0 | -54.6 | <=8.0 |
| 2445.30 | 24.1 | 16.4 | 5.7 | 2.0 | -54.2 | <=8.0 |
| 2445.35 | 24.5 | 16.4 | 6.1 | 2.0 | -53.8 | <=8.0 |
| 2445.40 | 24.4 | 16.4 | 6.0 | 2.0 | -53.9 | <=8.0 |
| 2445.45 | 24.2 | 16.4 | 5.8 | 2.0 | -54.1 | <=8.0 |
| 2445.50 | 24.3 | 16.4 | 5.9 | 2.0 | -54.0 | <=8.0 |

Test Result : Processing Gain = 12.98dB

$$\begin{aligned} \text{Note : } 1. GP &= (S/No) + Mj + Lsys \\ &= 7.9\text{dB} + Mj + 2\text{dB} \end{aligned}$$

2. S = Signal Level

4. J = Signal Generator RF Output

IX. List of Test Instruments

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|------------------------|------------------------------|------------------|---------------|-------|
| HP Spectrum | 8591A | 3225A03039 | May 19, 2002 | 1Year |
| R & S LISN | ESH2-Z5 | 831886/00A | Jan. 30, 2003 | 1Year |
| Kyoritsu LISN | KNW-242 | 8-837-7 | N/A | N/A |
| R & S Receiver | ESVS30 | 863342/012 | May 25,2002 | 1Year |
| Spectrum Analyzer | ROHDE & SCHWARZ | FSP 30 100157 | Sep. 15, 2002 | 1Year |
| Anritsu Pre-Amp. | MH648A | M15080 | Apr. 10, 2003 | 1Year |
| Schaffner Antenna | CBL6112B (30MHz-2GH z) | 2655 | Jul. 27, 2002 | 1Year |
| COM-Power Horn Ant. | AH-118 | 10056 | Aug. 24, 2002 | 1Year |
| MITEQ Pre-Amp. | JS4-00101800-2 8-5A | 829013 | Jul. 25, 2002 | 1Year |

X. EUT Photos

Model No. : AWL700 ;













