A specification experiment

Condition

・Source voltage ±24[V]

・Input voltage 10[dBm]

・Input frequency 15/45[MHz]

Output values from each pin-numbers is shown in table1 and table2.

Table1 Output values(15MHz)

| Frequency 15MHz |
| --- |
| Pin-num | Amp | Gain[dBm] | SD[mV] | Ave[V] | Max[V] | Min[V] |
| 1 | 1.06 | 13.51641726 | 10.2 | 1.055 | 1.07 | 1.05 |
| 2 | 1.06 | 13.51641726 | 11.3 | 1.055 | 1.07 | 1.05 |
| 3 | 1.05 | 13.43408594 | 10.8 | 1.055 | 1.07 | 1.05 |
| 4 | 1.05 | 13.43408594 | 11.8 | 1.055 | 1.07 | 1.05 |
| 5 | 1.05 | 13.43408594 | 12.0 | 1.055 | 1.07 | 1.05 |
| 6 | 1.06 | 13.51641726 | 11.8 | 1.055 | 1.07 | 1.05 |
| 7 | 1.05 | 13.43408594 | 11.3 | 1.055 | 1.07 | 1.05 |
| 8 | 1.05 | 13.43408594 | 10.9 | 1.055 | 1.07 | 1.05 |

Table2 Output values(45MHz)

|  |
| --- |
| Frequency 45MHz |
| Pin-num | Amp | Gain[dBm] | SD[mV] | Ave[V] | Max[V] | Min[V] |
| 1 | 0.98 | 12.83482147 | 10.3 | 0.975 | 0.98 | 0.97 |
| 2 | 0.97 | 12.74573464 | 13.8 | 0.975 | 0.98 | 0.97 |
| 3 | 0.98 | 12.83482147 | 12.6 | 0.975 | 0.98 | 0.97 |
| 4 | 0.98 | 12.83482147 | 12.2 | 0.975 | 0.98 | 0.97 |
| 5 | 0.97 | 12.74573464 | 11.6 | 0.975 | 0.98 | 0.97 |
| 6 | 0.97 | 12.74573464 | 11.6 | 0.975 | 0.98 | 0.97 |
| 7 | 0.97 | 12.74573464 | 12.4 | 0.975 | 0.98 | 0.97 |
| 8 | 0.97 | 12.74573464 | 14.5 | 0.975 | 0.98 | 0.97 |