

|                                                |                |                                                           |           |            |             |                                   |               |              |               |      |  |
|------------------------------------------------|----------------|-----------------------------------------------------------|-----------|------------|-------------|-----------------------------------|---------------|--------------|---------------|------|--|
| Compliance Certification Services              |                |                                                           |           |            |             |                                   | 10/21/1998    |              |               |      |  |
| RADITATION TEST DATA SHEET                     |                |                                                           |           |            |             |                                   | Juan Martinez |              |               |      |  |
|                                                |                |                                                           |           |            |             |                                   | (1Meter)      |              |               |      |  |
| GUANGDONG GALANZ ENTERPRISE CO.                |                |                                                           |           |            |             |                                   |               |              |               |      |  |
| 1100W OUTPUT MICROWAVE(WP1100A, WP1100, AG-7W) |                |                                                           |           |            |             |                                   |               |              |               |      |  |
| <b>F(MHz)</b>                                  | <b>READING</b> | <b>AF</b>                                                 | <b>CL</b> | <b>AMP</b> | <b>DIST</b> | <b>OTHER</b>                      | <b>TOTAL</b>  | <b>LIMIT</b> | <b>MARGIN</b> |      |  |
|                                                | dBuV           | (dB)                                                      | (dB)      | (dB)       | (dB)        | (dB)                              | (dBuV/m)      | (dBuV/m)     | (dBuV/m)      |      |  |
| 1189                                           | 69.8           | 24.6                                                      | 2.1       | -34        | -49.5       | 0                                 | 13            | 28.6         | -16           |      |  |
| 1645                                           | 58.7           | 25.2                                                      | 2.1       | -34        | -49.5       | 0                                 | 2.5           | 28.6         | -26           |      |  |
| 2378*                                          | 62.1           | 28                                                        | 3.1       | -34        | -49.5       | 1                                 | 10.7          | 28.6         | -18           |      |  |
| 2452*                                          | 62.5           | 29                                                        | 3.3       | -34        | -49.5       | 1                                 | 12.3          | 28.6         | -16           |      |  |
| 2485*                                          | 58.7           | 29.2                                                      | 3.4       | -34        | -49.5       | 1                                 | 8.8           | 28.6         | -20           |      |  |
| 2514*                                          | 65.8           | 29.2                                                      | 3.4       | -34        | -49.5       | 1                                 | 15.9          | 28.6         | -13           |      |  |
| 2587*                                          | 58.7           | 29.2                                                      | 3.6       | -34        | -49.5       | 1                                 | 9             | 28.6         | -20           |      |  |
| 4432#                                          | 56.8           | 32.3                                                      | 5.7       | -34        | -49.5       | 1                                 | 12.3          | 28.6         | -16           |      |  |
| 4878#                                          | 45.8           | 33                                                        | 5.7       | -34        | -49.5       | 1                                 | 2             | 28.6         | -27           |      |  |
| 4978#                                          | 52.8           | 34.3                                                      | 5.7       | -34        | -49.5       | 1                                 | 10.3          | 28.6         | -18           |      |  |
| 7528#                                          | 50.8           | 36.5                                                      | 6.8       | -34        | -49.5       | 1                                 | 11.6          | 28.6         | -17           |      |  |
| 9800#                                          | 53.7           | 38.2                                                      | 8.2       | -34        | -49.5       | 1                                 | 17.6          | 28.6         | -11           |      |  |
| 12250#                                         | 40.5           | 39.3                                                      | 8.8       | -34        | -49.5       | 1                                 | 6.1           | 28.6         | -23           |      |  |
| 14700#                                         | 49.8           | 40                                                        | 9.2       | -34        | -49.5       | 1                                 | 16.5          | 28.6         | -12           |      |  |
| <b>NOTE: ALL MEASUREMENTS ARE VERTICAL.</b>    |                |                                                           |           |            |             |                                   |               |              |               |      |  |
| AF: Antenna Factor                             |                | DIST: Distance Correction(-49.5dB, 1M)                    |           |            |             | <b>SPECTRUM ANALYZER SETTINGS</b> |               |              |               |      |  |
| AMP: Pre-amp gain                              |                | 20*LOG(d/300M)                                            |           |            |             |                                   |               | <b>RES</b>   | <b>VBW</b>    |      |  |
| CL: Cable loss                                 |                | OTHER: High pass filter insertion loss                    |           |            |             |                                   |               | <b>PEAK:</b> | 1MHz          | 1MHz |  |
|                                                |                | *FSY Microwave high pass filter ( $f_o=1.082\text{GHz}$ ) |           |            |             |                                   |               | <b>AVG:</b>  | 1MHz          | 10Hz |  |
|                                                |                | #FSY Microwave high pass filter ( $f_o=4\text{GHz}$ )     |           |            |             |                                   |               |              |               |      |  |