



EMC Test Data

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|-----------|---|----------------------|------------------|
| Client: | Griffin Technologies | Job Number: | J92951 |
| Model: | MASM-02199 Bluetooth module (BC5) | T-Log Number: | T92958 |
| | | Project Manager: | Sheareen Jacobs |
| Contact: | Michael O'Connor | Project Coordinator: | Irene Rademacher |
| Standard: | FCC, RSS-210, EN300 328, AS/NZS 4268:2008, EN 301 489-17 V2.1.1 | Class: | N/A |

SAR Exclusion Calculation

Test Specific Details

Objective: The objective of this test session is to perform final qualification testing of the EUT with respect to the specification listed above.

Date of Test: 7/15/2014
 Test Engineer: Mark Hill

General Test Configuration

Per KDB 447498 D01, Section 4.3.1 - The 1-g and 10-g SAR test exclusion thresholds for 100MHz to 6GHz at a test separation distance ≤ 50mm is determined by:

$$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] * [(\text{freq in GHz})^{0.5}] \leq 3 \text{ (for 1-g) or } 7 \text{ (10-g)}$$

Summary of Results

| | |
|---|-----|
| Device complies with SAR exclusion at 5mm separation: | Yes |
|---|-----|

SAR Exclusion Calculation

| Freq. GHz | EUT Power | | Cable Loss Loss dB | Ant Gain dBi | | EIRP mW | Separation Distance (mm) | SAR Exclusion Calc. | SAR Exclusion Limit |
|-----------|-----------|-----|--------------------|--------------|--|---------|--------------------------|---------------------|---------------------|
| | dBm | mW* | | | | | | | |
| 2.402 | 3.3 | 2.1 | 0 | 4 | | 5.37 | 5 | 0.66 | 3 |
| 2.441 | 1.4 | 1.4 | 0 | 4 | | 3.47 | 5 | 0.43 | 3 |
| 2.48 | -0.8 | 0.8 | 0 | 4 | | 2.09 | 5 | 0.26 | 3 |