

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