

# FCC RF EXPOSURE REPORT

**FCC ID: QWHDW20BR**

**Project No.** : 1708C215  
**Equipment** : Wireless Systems  
**Model** : DW 20BR  
**Applicant** : MUSIC Group Manufacturing PH Ltd.  
**Address** : 17A Brunswick Street Hamilton HM 10 Bermuda

**According:** : FCC Guidelines for Human Exposure IEEE C95.1 &  
KDB447498 D01

**B T L I N C .**

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### Table for Filed Antenna

#### Group 1

Ant.	Brand	Model Name	Antenna Type	Connector	Gain(dBi)
1	Zhigaoda	323032-25532-1R	Dipole	N/A	5

#### Group 2

Ant.	Brand	Model Name	Antenna Type	Connector	Gain(dBi)
1	ALERE technology	AT-02-5-A80617H 1-150	Dipole	N/A	5

## GENERAL CONCLUSION:

Per FCC KDB 447498 D01, the 1-g SAR and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances  $\leq 50$  mm are determined by:

$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})][\sqrt{f(\text{GHz})}] \leq 3.0$  for 1-g SAR and  $\leq 7.5$  for product specific 10-g SAR, where:

- $f(\text{GHz})$  is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation
- The result is rounded to one decimal place for comparison

When the minimum test separation distance is  $< 5$  mm, a distance of 5 mm is applied to determine SAR test exclusion.

#### Standalone SAR test exclusion

$P_{\text{max}}$ (dBm)*	$P_{\text{max}}$ (mW)	Distance (mm)	$f$ (GHz)	Calculation Result	SAR Exclusion threshold	SAR test exclusion
4.24	2.7	5	2.48	0.84	3	Yes

**Conclusion: No SAR evaluation required since the calculation result is below FCC SAR exclusion threshold.**