

Details of EUT:

Device Description:	Bluetooth/WLAN Antenna Module
Device Manufacturer:	QISDA CORPORATION
Device Model:	S4CWM-11WS-B255C
Hardware Version:	C0
Software Version:	P219
Frequency Point:	2402MHz, 2441MHz, 248MHz, 5160MHz, 5240MHz, 5320MHz, 5720MHz, 5840MHz
Antenna Type:	Metal Stamping Antenna

Duration of Tests:

Sample Receive Date:	2023-06-29
Test Starting Date:	2023-06-30
Test Ending Date:	2023-06-30
Report Issued Date:	2023-08-08

Photographs of EUT:**Front View****Side View**

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Antenna Gain and Efficiency

ANT1			
Frequency (MHz)	Peak Gain (dBi)	Efficiency (%)	Average Gain (dBi)
2402.00	-1.88	25.33	-5.96
2441.00	-2.20	24.48	-6.11
2480.00	-2.22	24.51	-6.11
5160.00	2.27	33.97	-4.69
5240.00	2.25	33.50	-4.75
5320.00	2.68	35.12	-4.54
5720.00	2.41	27.02	-5.68
5840.00	2.25	27.49	-5.61

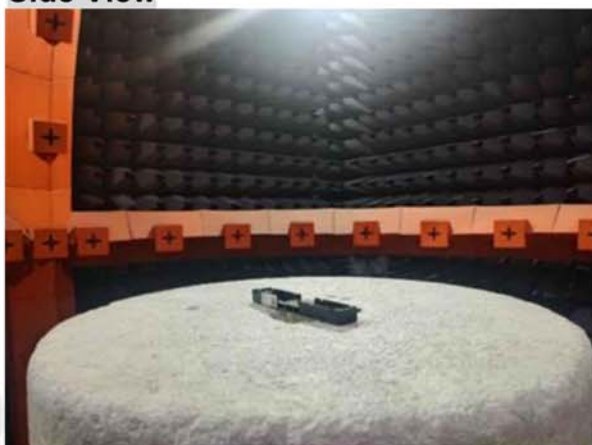
ANT2			
Frequency (MHz)	Peak Gain (dBi)	Efficiency (%)	Average Gain (dBi)
2402.00	-1.06	24.78	-6.06
2441.00	-1.34	22.98	-6.39
2480.00	-1.24	22.10	-6.56
5160.00	0.17	24.04	-6.19
5240.00	0.82	25.13	-6.00
5320.00	2.20	31.15	-5.07
5720.00	5.07	47.93	-3.19
5840.00	3.42	36.57	-4.37

Test Setup

Front View



Side View



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.