

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



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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



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