



Your Solutions Partner

JR7Q00233 Antenna Specification



Your Solutions Partner

Index

VSO Electronics Co., LTD
7F, No.880 Jhong-Jheng Road, Jhong
He Dist., New Taipei City 23586,
Taiwan TEL : 886-2-3234-3038
FAX : 886-2-3234-3056
Web Site : www.vso-corp.com

- 1. Antenna Photo / Page 3**
- 2. Electrical Characteristics / Page 4**
- 3. Antenna - S Parameter Test Data / Page 5**
- 4. Antenna - Radiation Pattern Test Data / Page 6. Page 7**
- 5. Mechanical Drawing / Page 8**

Date:2023.01.03



Your Solutions Partner

Antenna Photo

VSO Electronics Co., LTD
7F, No.880 Jhong-Jheng Road, Jhong
He Dist., New Taipei City 23586,
Taiwan TEL : 886-2-3234-3038
FAX : 886-2-3234-3056
Web Site : www.vso-corp.com



Date:2023.01.03



Your Solutions Partner

Electrical Characteristics

VSO Electronics Co., LTD
7F, No.880 Jhong-Jheng Road, Jhong
He Dist., New Taipei City 23586,
Taiwan TEL : 886-2-3234-3038
FAX : 886-2-3234-3056
Web Site : www.vso-corp.com

Frequency	2400 ~ 2500 MHz 5150 ~ 5850 MHz
Return loss	>= -7dbm @ 2400 ~ 2500 MHz >= -10 dbm@ 5150 ~ 5850 MHz
Peak Gain	3.0 dBi @ 2400 ~ 2500 MHz 3.0 dBi @ 5150 ~ 5850 MHz
Antenna Type	PIFA
Impedance	50 Ohm
Polarization	Linear
Cable Type	RF-1.13mm
Connector Type	I-PEX
PCB Type	FPC

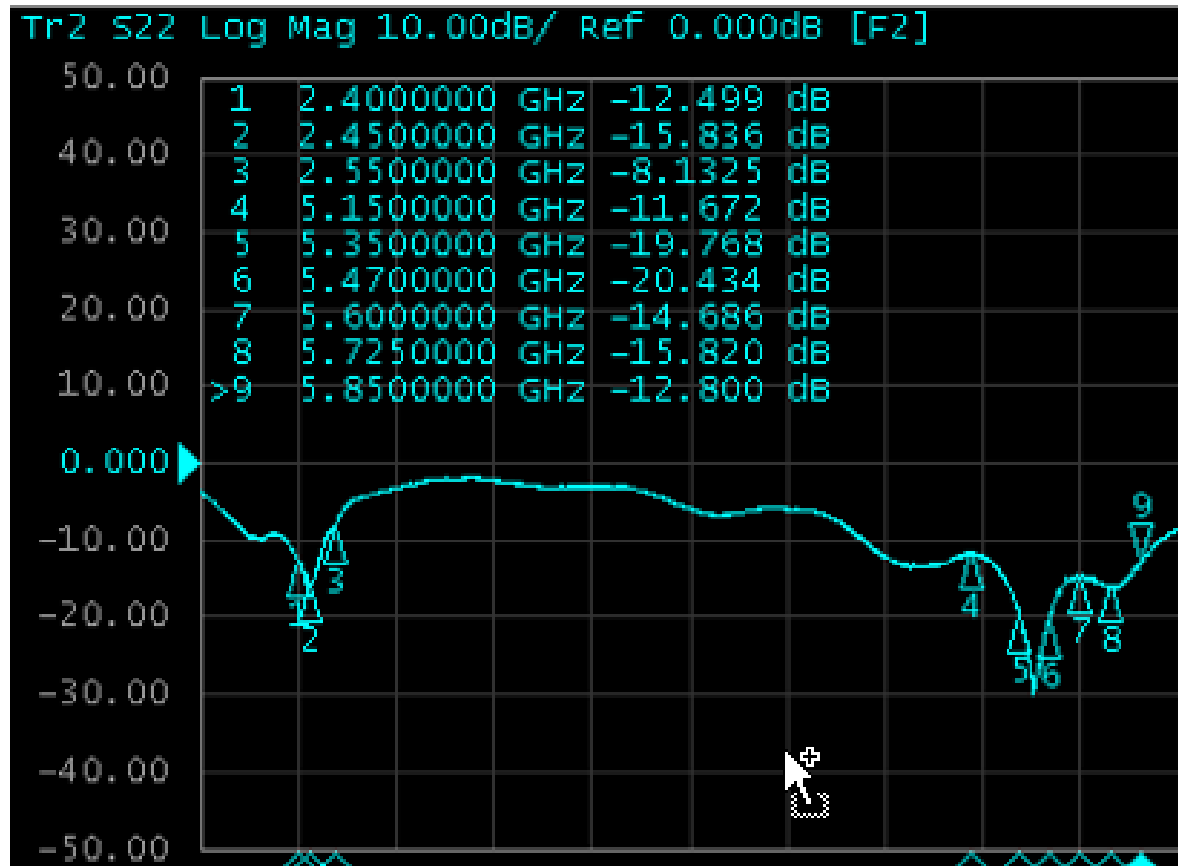
Date:2023.01.03



Your Solutions Partner

Antenna - S Parameter Test Data

VSO Electronics Co., LTD
7F, No.880 Jhong-Jheng Road, Jhong
He Dist., New Taipei City 23586,
Taiwan TEL : 886-2-3234-3038
FAX : 886-2-3234-3056
Web Site : www.vso-corp.com



Date:2023.01.03

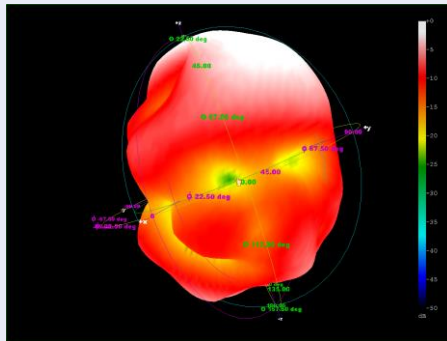


Your Solutions Partner

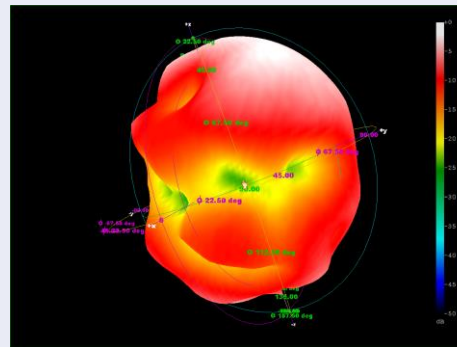
Electrical Characteristics

VSO Electronics Co., LTD
7F, No.880 Jhong-Jheng Road, Jhong
He Dist., New Taipei City 23586,
Taiwan TEL : 886-2-3234-3038
FAX : 886-2-3234-3056
Web Site : www.vso-corp.com

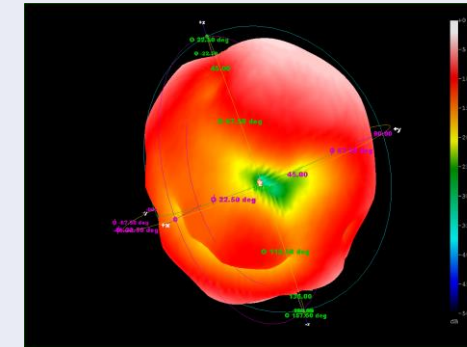
2400 MHz



2450 MHz



2500 MHz



Frequency (MHz)	2400	2450	2500
Peak Gain (dBi)	2.6	2.4	2
Efficiency (%)	46	48	46

Date:2023.01.03

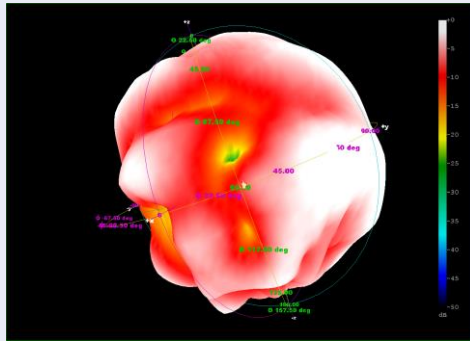


Your Solutions Partner

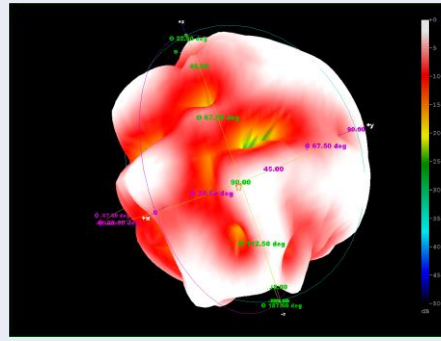
Electrical Characteristics

VSO Electronics Co., LTD
7F, No.880 Jhong-Jheng Road, Jhong
He Dist., New Taipei City 23586,
Taiwan TEL : 886-2-3234-3038
FAX : 886-2-3234-3056
Web Site : www.vso-corp.com

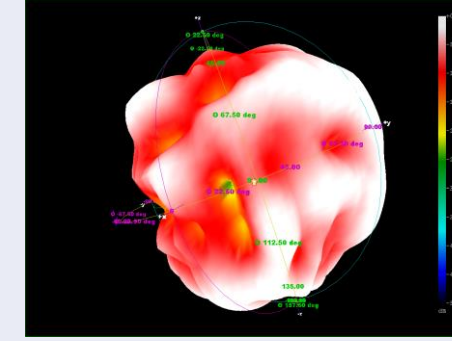
5150 MHz



5470 MHz



55850 MHz



Frequency (MHz)	5150	5250	5350	5470	5600	5725	5785	5850
Peak Gain (dBi)	2.9	2.3	1.5	1.9	2.1	1.6	2.1	2.2
Efficiency (%)	55	53	54	55	59	59	61	60

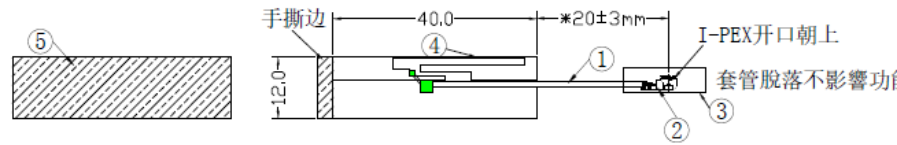
Date:2023.01.03



Your Solutions Partner

Mechanical Drawing

VSO Electronics Co., LTD
7F, No.880 Zhong-Jheng Road, Zhong
He Dist., New Taipei City 23586,
Taiwan TEL : 886-2-3234-3038
FAX : 886-2-3234-3056
Web Site : www.vso-corp.com

DRAW ID	4	3	2	1																				
CD																								
THIS DRAWING IS CONTROLLED DOCUMENT FOR VSO LTD IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION	<table border="1"><thead><tr><th colspan="5">REVISION</th></tr><tr><th>REV.</th><th>DESCRIPTION</th><th>ECN NO.</th><th>DATE</th><th>Requirement Person</th></tr></thead><tbody><tr><td>A</td><td>NEW CREATION (GENERAL)</td><td></td><td>22.10.19</td><td>Guimei</td></tr><tr><td>B</td><td>變更通知系統</td><td></td><td>22.10.19</td><td>Guimei</td></tr></tbody></table>				REVISION					REV.	DESCRIPTION	ECN NO.	DATE	Requirement Person	A	NEW CREATION (GENERAL)		22.10.19	Guimei	B	變更通知系統		22.10.19	Guimei
	REVISION																							
REV.	DESCRIPTION	ECN NO.	DATE	Requirement Person																				
A	NEW CREATION (GENERAL)		22.10.19	Guimei																				
B	變更通知系統		22.10.19	Guimei																				
THIS INFORMATION IS CONFIDENTIAL AND IS DISCLOSED TO YOU ON CONDITION THAT NO FURTHER DISCLOSURE IS MADE BY YOU TO OTHER THAN VSO LTD PERSONNEL WITHOUT WRITTEN AUTHORIZATION FROM VSO LTD																								
	⑤ 背膠 L40*W12mm 帶手撕边 1PCS ④ FPCB L40*W12mm, 厚度0.1mm GPB1269x1 BLACK 1PCS ③ TUBE $\phi 3.1 \times T0.3 \times L20$mm, 透明 1PCS ② CONNECTOR MGF I-PEX 一代 for 1.13 cable (20278-112R-13) 1PCS ① CABLE $\phi 1.13$mm low loss CABLE, Gray 1PCS ITEM DESCRIPTION Q'TY Note																							
THIS DRAWING IS CONTROLLED DOCUMENT FOR VSO LTD IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION	Specification: Frequency Range: 2.4~2.5GHz 5.15~5.85GHz Impedance: 50 Ω RoHS COMPLIANT CUST. P/N: 弘真 (2905-004000G03) TITLE: VS20T-ANT2 VSO P/N: N-821-103-01215631 UNITS mm DWG. NO.: JR7Q00233 REV. B ENG: caidewen APPR: caidewen																							
	NOTE: 外箱上需貼FORM N之UL標籤 注: "*"为重点尺寸管控 UL標籤 代表"數量" UL標籤 代表"UL標籤流水號"																							

表单编号: VSO-QP-07-F11-A

Date: 2023.01.03

Innovation · Technology · Service