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JR7Q00242 Antenna Specification



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Date:2023.01.03



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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



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Electrical Characteristics

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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	FR4

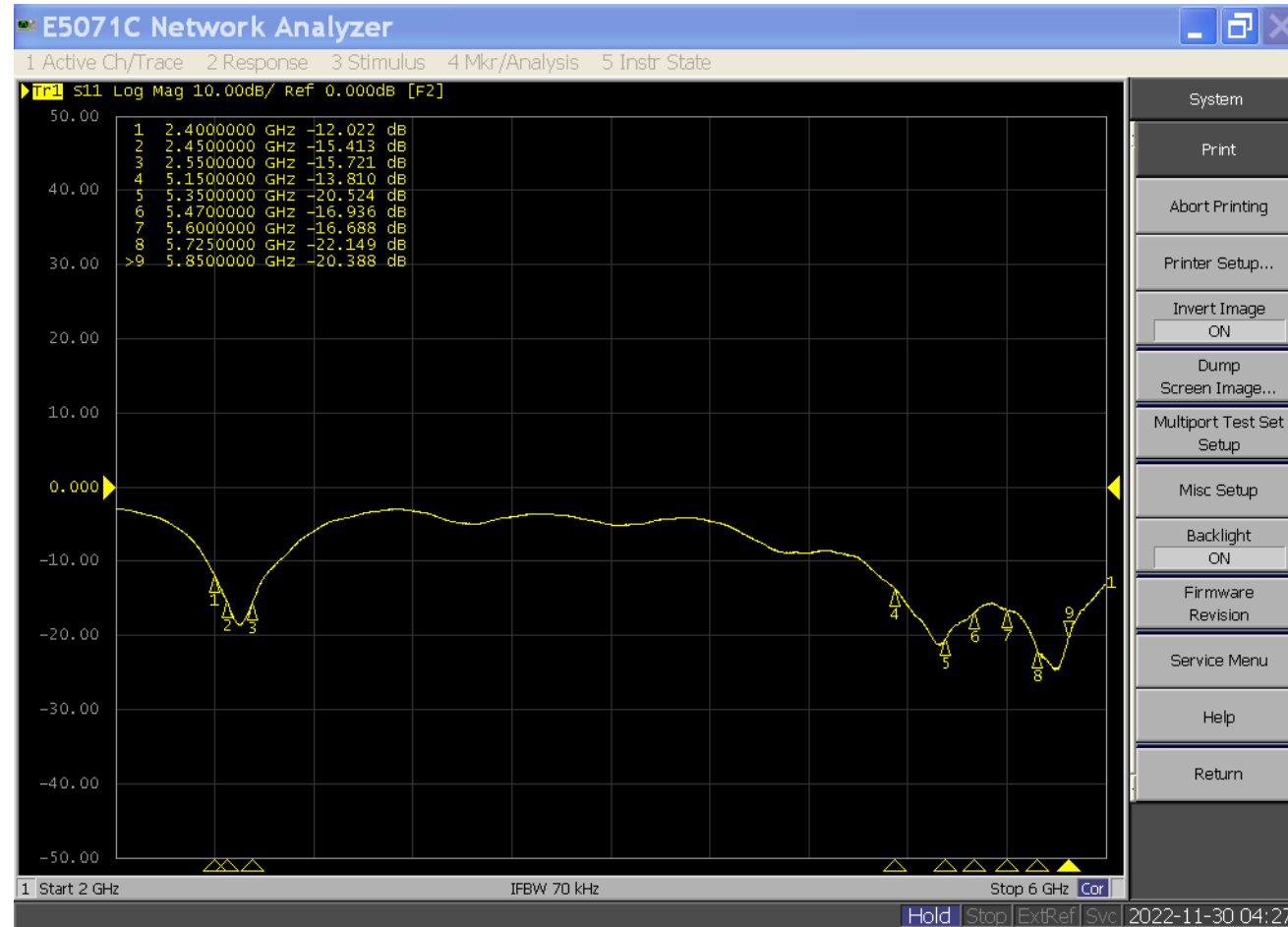
Date:2023.01.03



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Antenna - S Parameter Test Data

VSO Electronics Co., LTD
7F, No.880 Jhong-Jheng Road, Jhong
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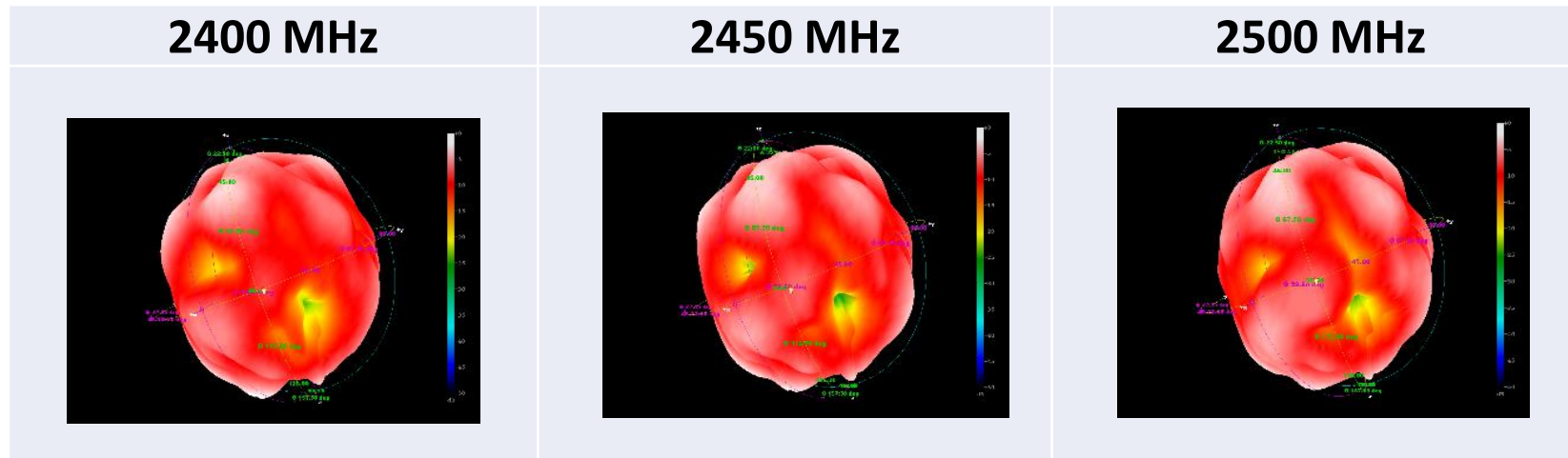
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Frequency (MHz)	2400	2450	2500
Peak Gain (dBi)	1.5	1.4	1.6
Efficiency (%)	64	62	69

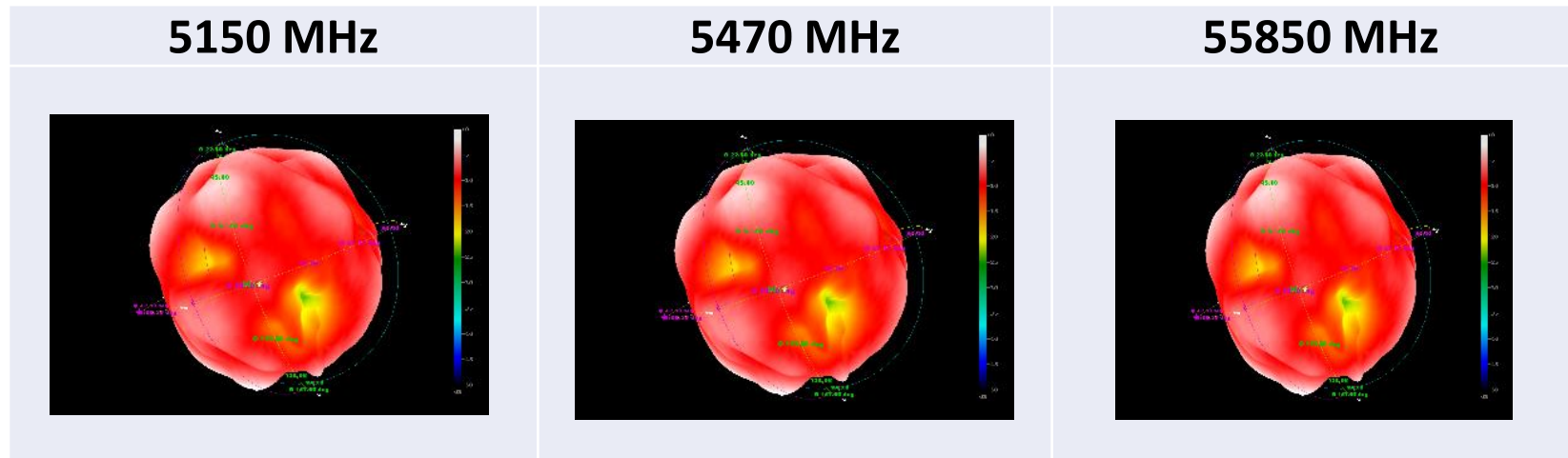
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Frequency (MHz)	5150	5250	5350	5470	5600	5725	5785	5850
Peak Gain (dBi)	1.4	0.7	1.3	2.4	2.9	2.6	2.6	2.4
Efficiency (%)	64	58	60	65	66	65	69	69

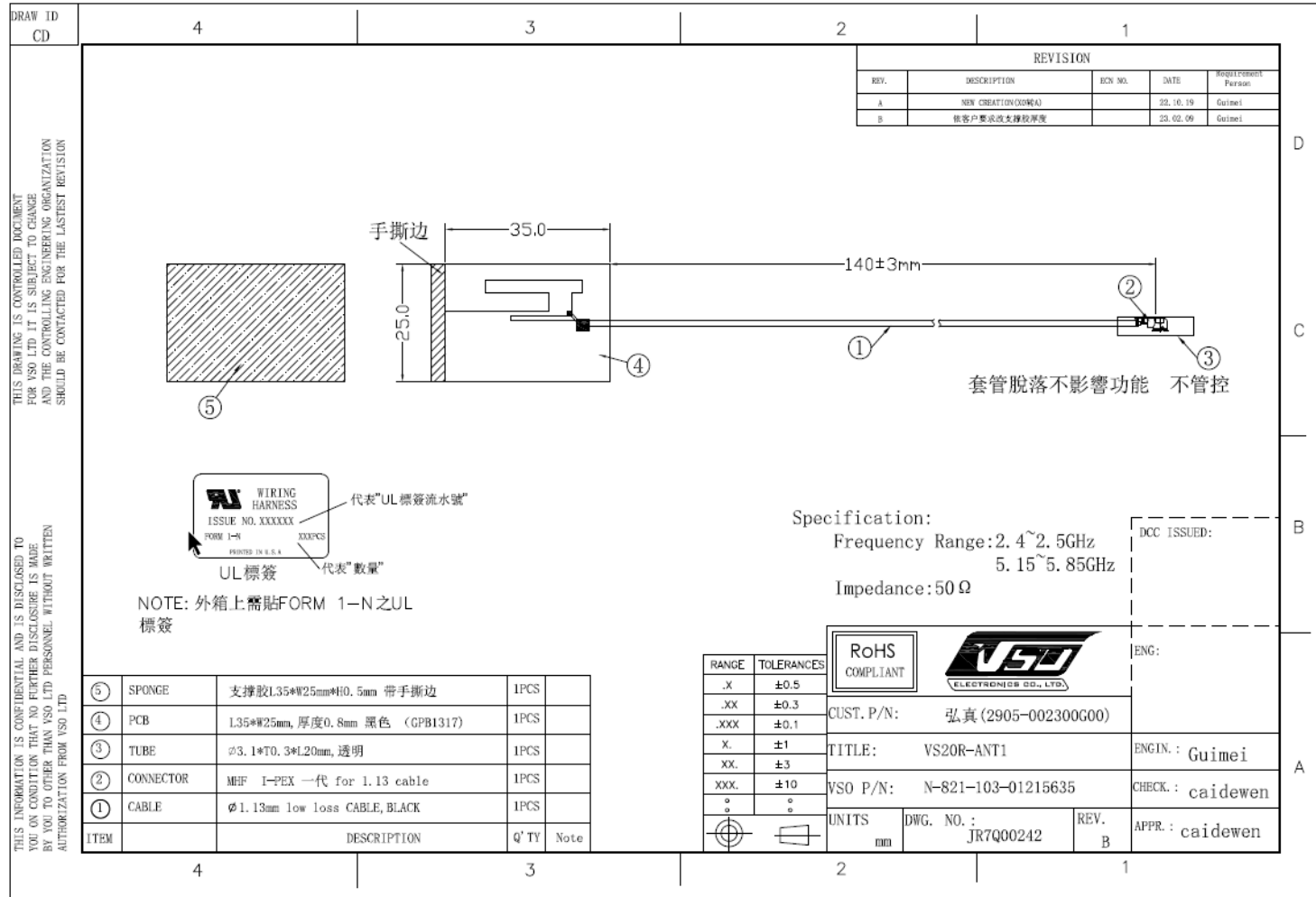
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Mechanical Drawing

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