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JR7Q00292 Antenna Specification



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Index

VSO Electronics Co., LTD
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Date:2023.01.03



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Antenna Photo

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Electrical Characteristics

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Frequency	2400 ~ 2500 MHz 5150 ~ 5850 MHz
Return loss	>= -7dbm @ 2400 ~ 2500 MHz >= -3 dbm@ 5150 ~ 5850 MHz
Peak Gain	3.0 dBi @ 2400 ~ 2500 MHz 3.5 dBi @ 5150 ~ 5850 MHz
Antenna Type	PIFA
Impedance	50 Ohm
Polarization	Linear
Cable Type	RF-1.13mm
Connector Type	I-PEX
PCB Type	FR4

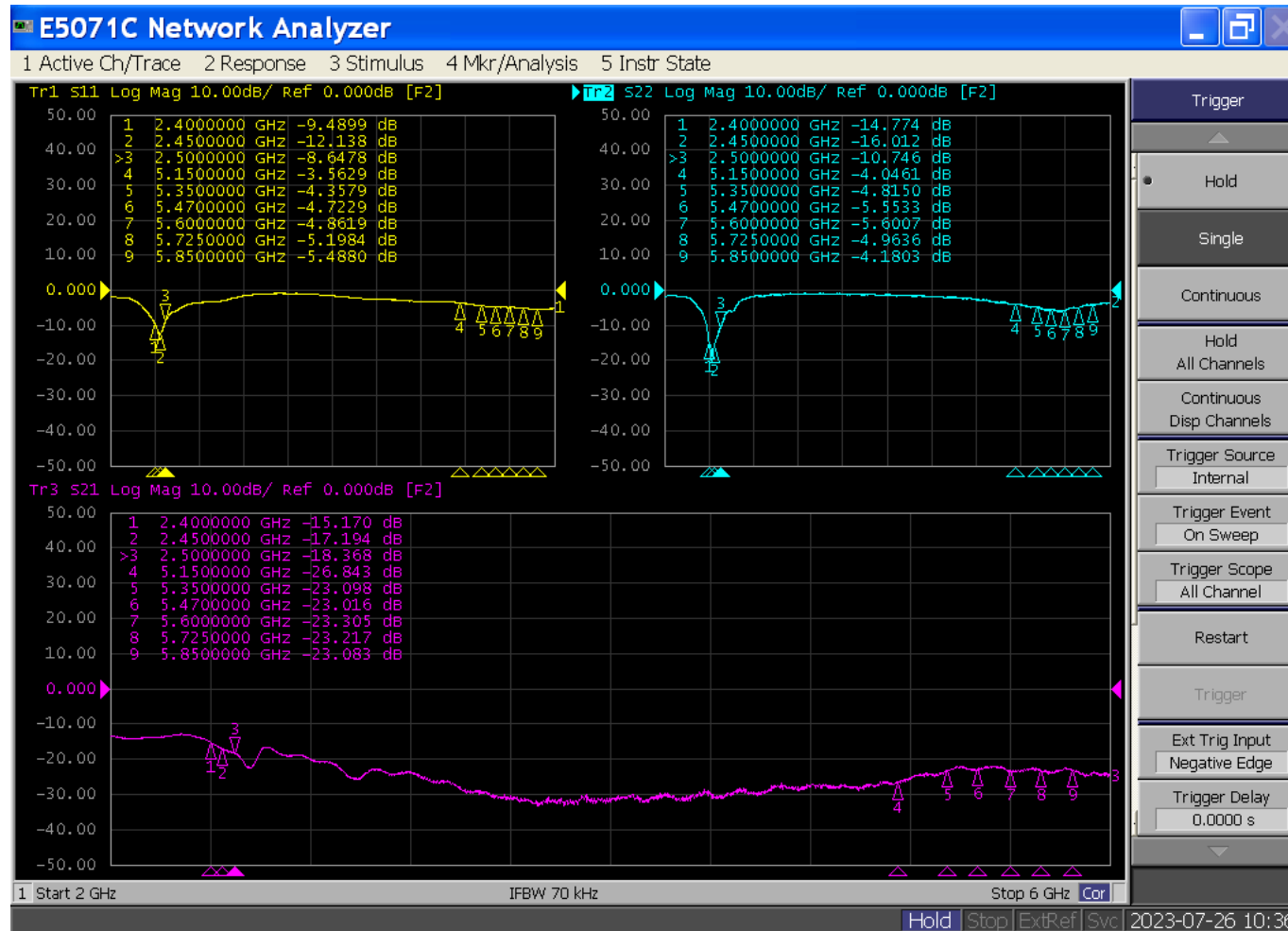
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Antenna - S Parameter Test Data

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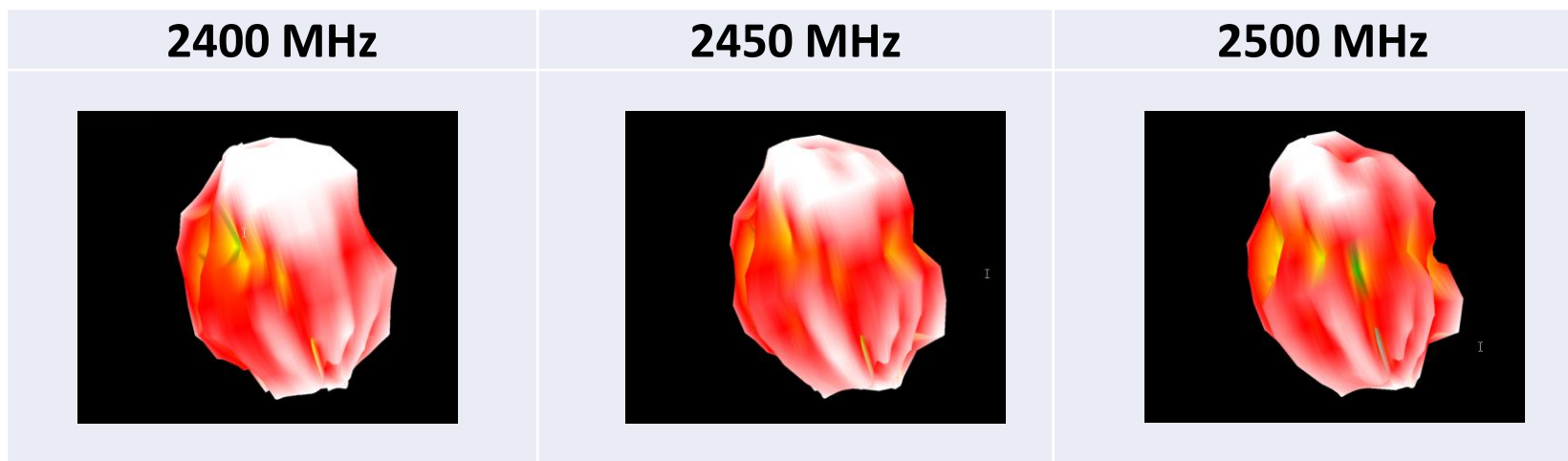
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Electrical Characteristics-Main Antenna

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Frequency (MHz)	2400	2450	2500
Peak Gain (dBi)	0.7	1.1	2.3
Efficiency (%)	55	56	57

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Electrical Characteristics-Main Antenna

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Frequency (MHz)	5150	5250	5350	5470	5600	5725	5785	5850
Peak Gain (dBi)	1.8	2.2	2.2	2.3	2.3	1.4	2.7	2.9
Efficiency (%)	54	57	55	56	60	51	61	63

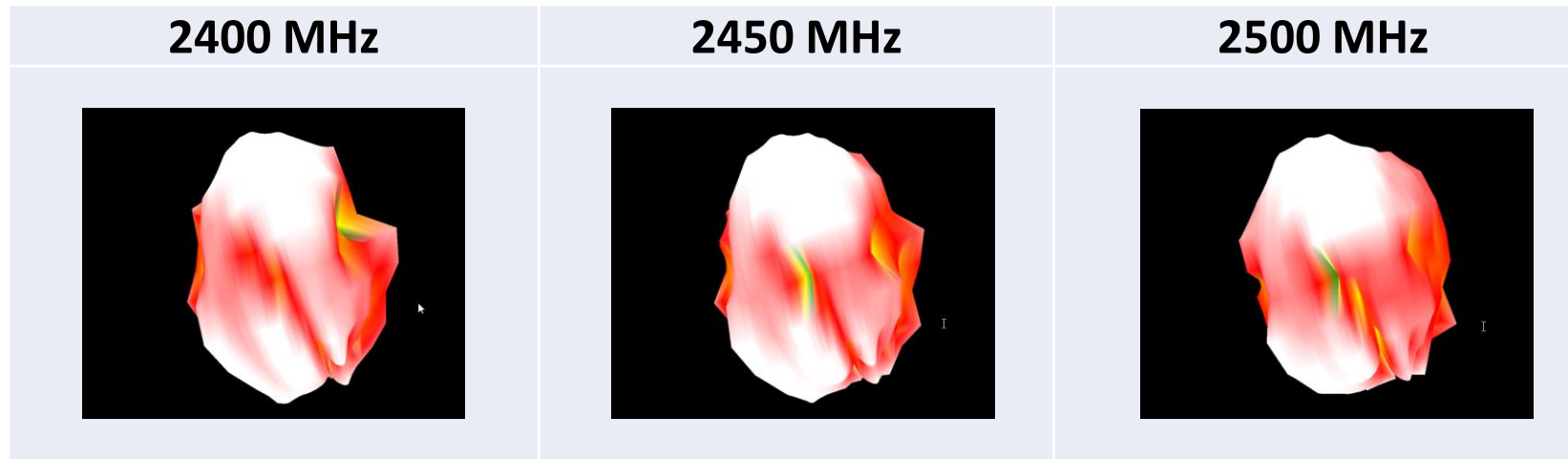
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Electrical Characteristics-Aux Antenna

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Frequency (MHz)	2400	2450	2500
Peak Gain (dBi)	2.1	2.2	0.8
Efficiency (%)	59	60	57

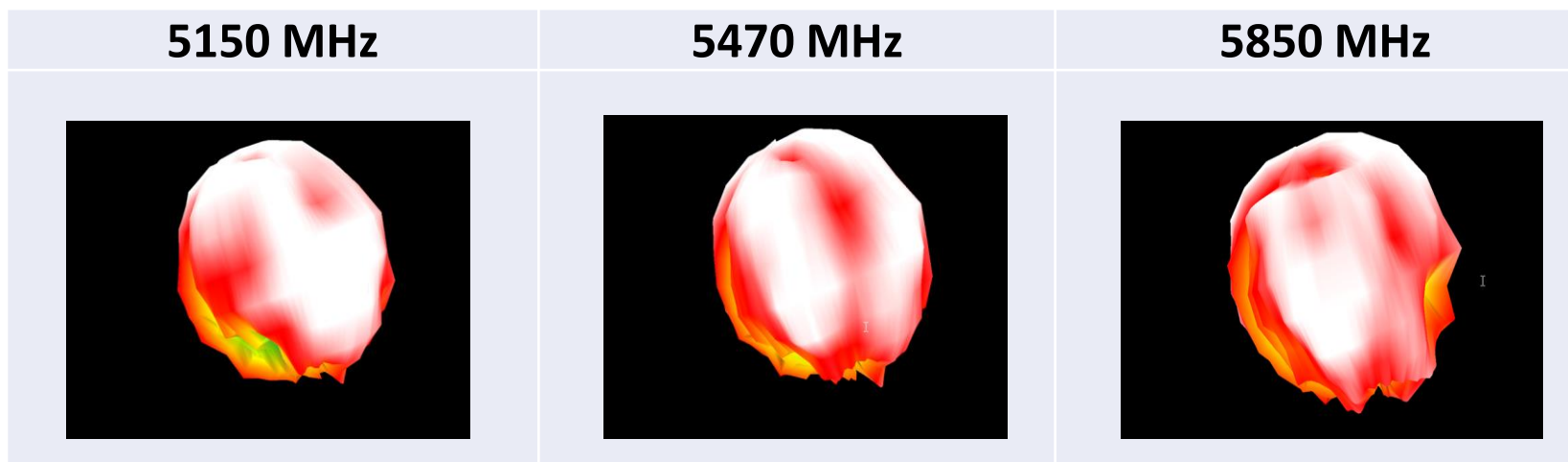
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Electrical Characteristics-Aux Antenna

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Frequency (MHz)	5150	5250	5350	5470	5600	5725	5785	5850
Peak Gain (dBi)	2.9	2.4	2.8	2.8	2.2	2.1	2.3	2
Efficiency (%)	64	63	58	63	59	55	56	57

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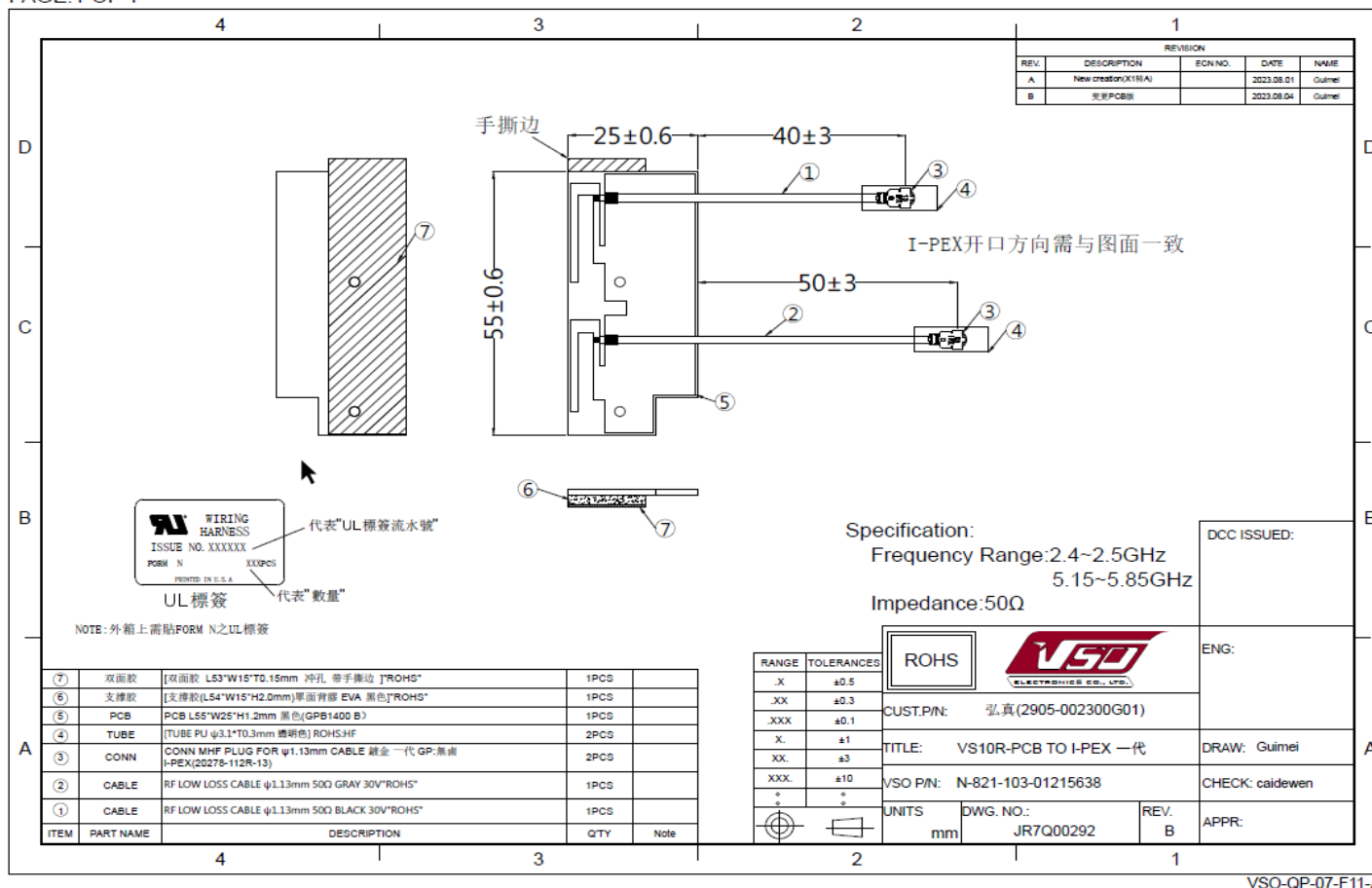


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Mechanical Drawing

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