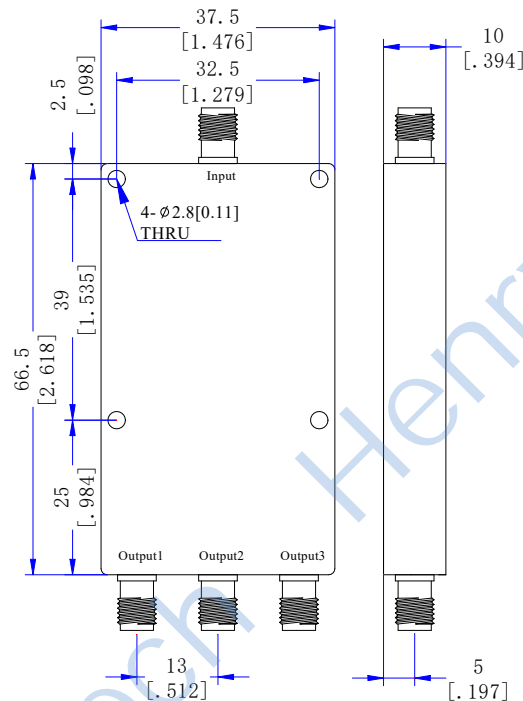


HLT-2/8-3S

3-Way Power Divider

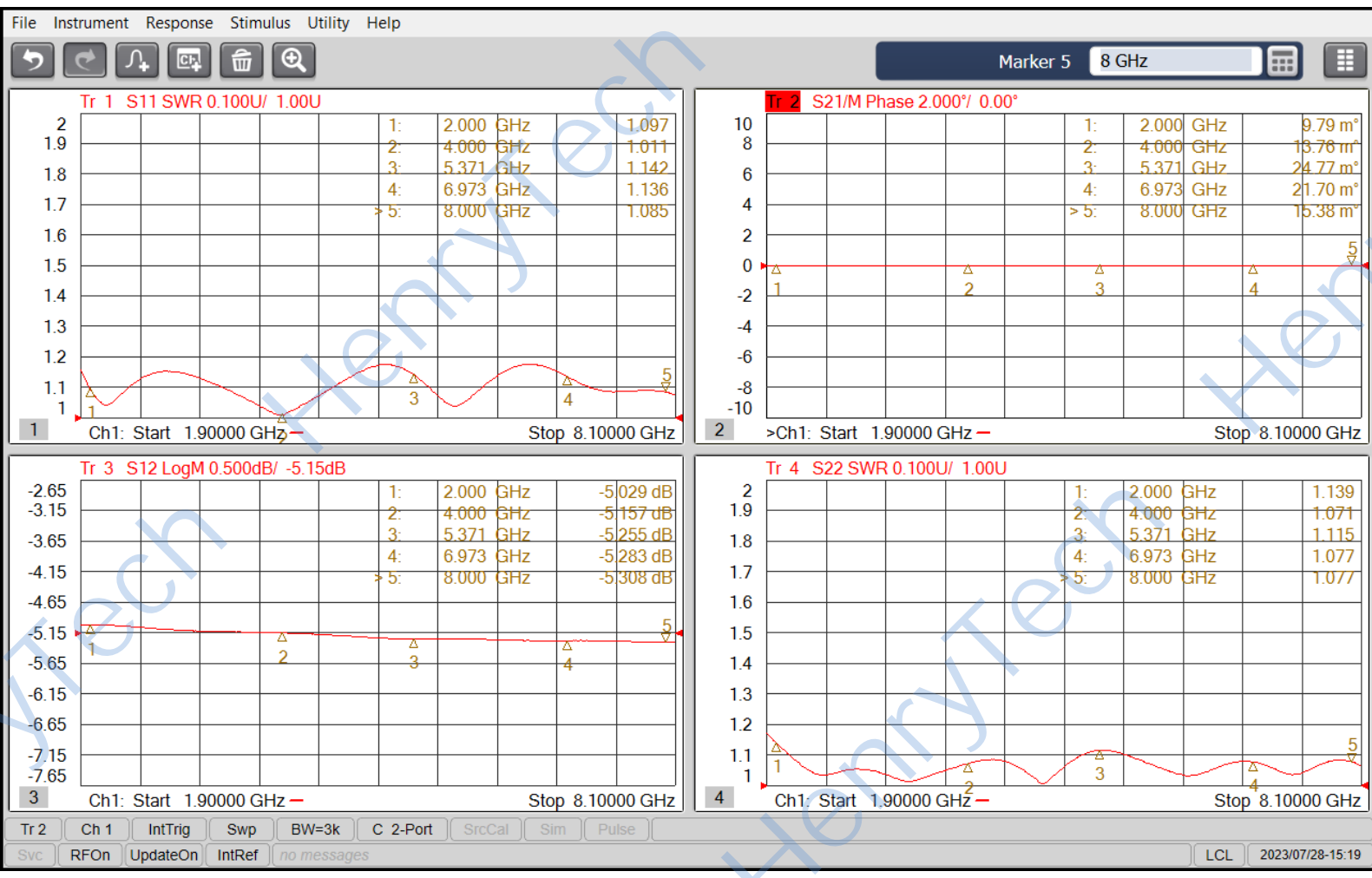
Specifications

SN	Parameters	Specifications
1	频率范围 Frequency Range	2000~8000 MHz
2	插入损耗 Insertion Loss	≤ 1.0 dB (Excluding theoretical loss 未含理论损耗 4.8 dB)
3	输入驻波 Input Port VSWR	Typ.1.18 / Max.1.30
4	输出驻波 Output Port VSWR	Typ.1.14 / Max.1.25
5	隔离度 Isolation	Typ.26dB / Min.18dB
6	幅度平衡 Amplitude Balance	±0.5dB
7	相位平衡 Phase Balance	±5°
8	阻抗 Impedance	50 Ohms
9	端口接头 Input/Output Connectors	SMA-Female (Passivated Stainless Steel)
10	承受功率 Power Rating	Splitter 分路器用时 20W; Combiner 合路器用时 1W
11	工作温度 Operation Temperature	-45°C ~ +85°C
12	表面处理 Surface Finishing	Black paint / Blue paint 黑色烤漆/蓝色烤漆
13	外形尺寸 Outline Dimensions	66.5*37.5*10 (mm)
14	重量 Weight	64 (g)



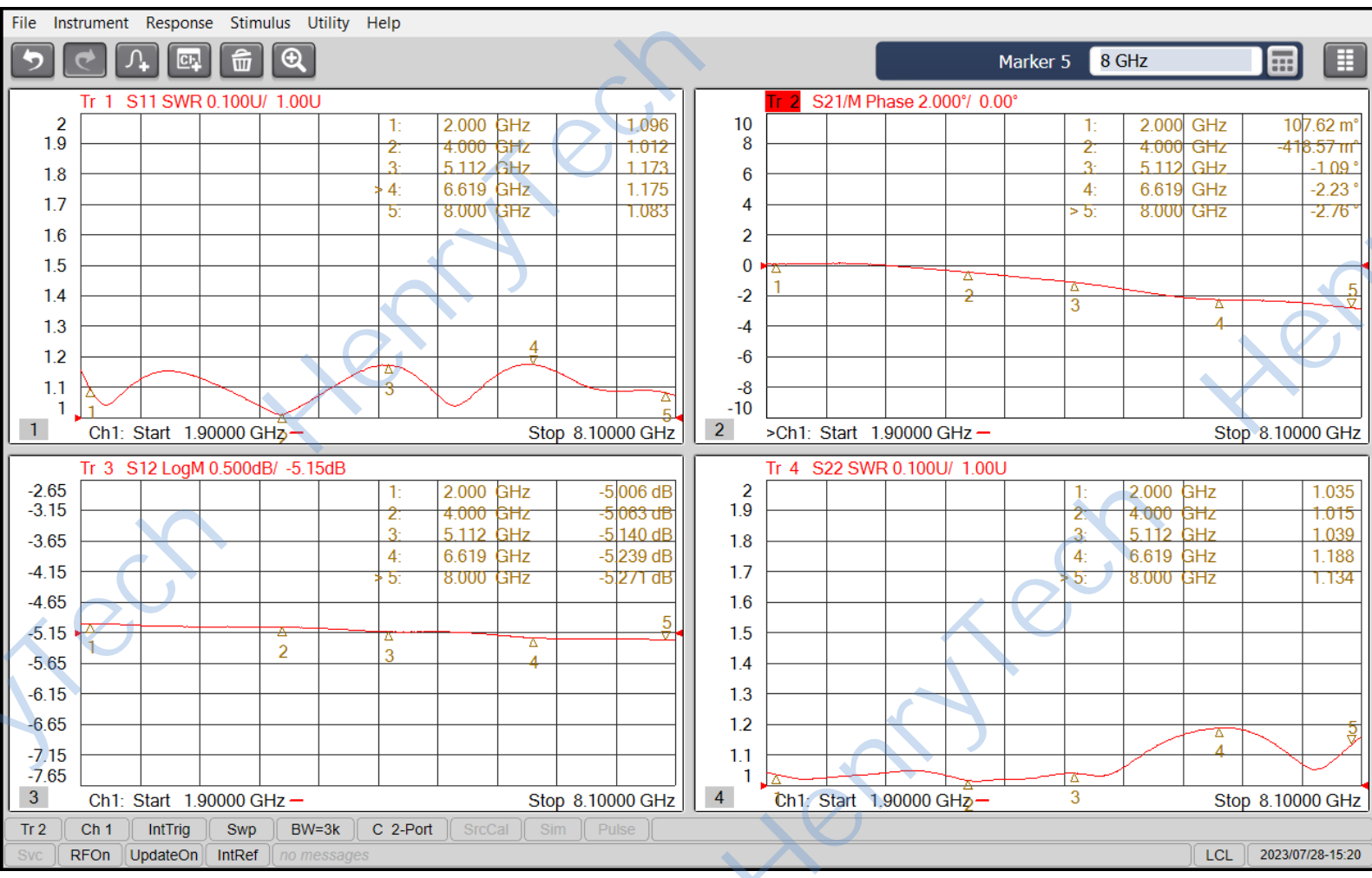
Note: Dimensions (mm / [inch]), General tolerance (±0.3)

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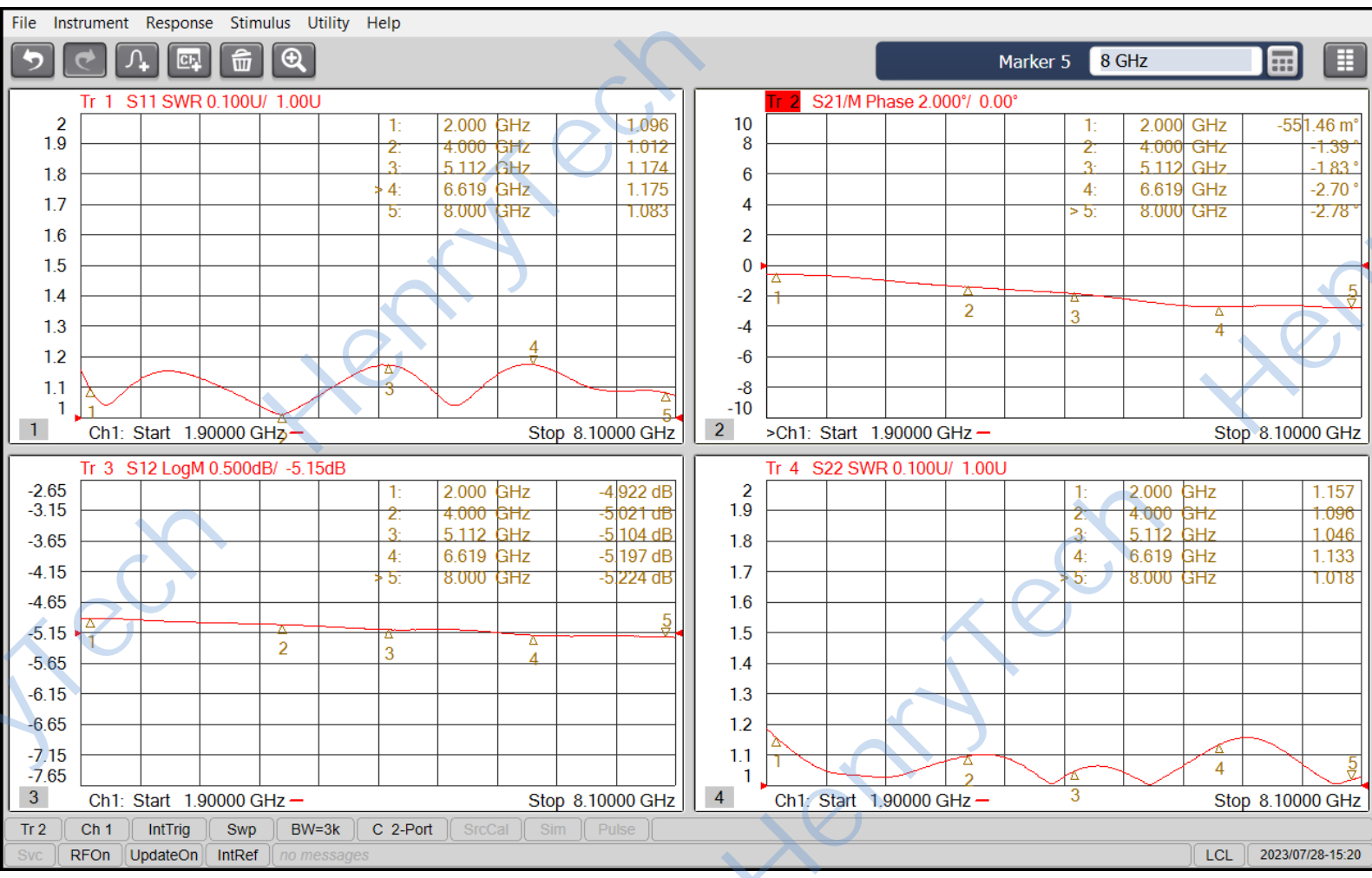
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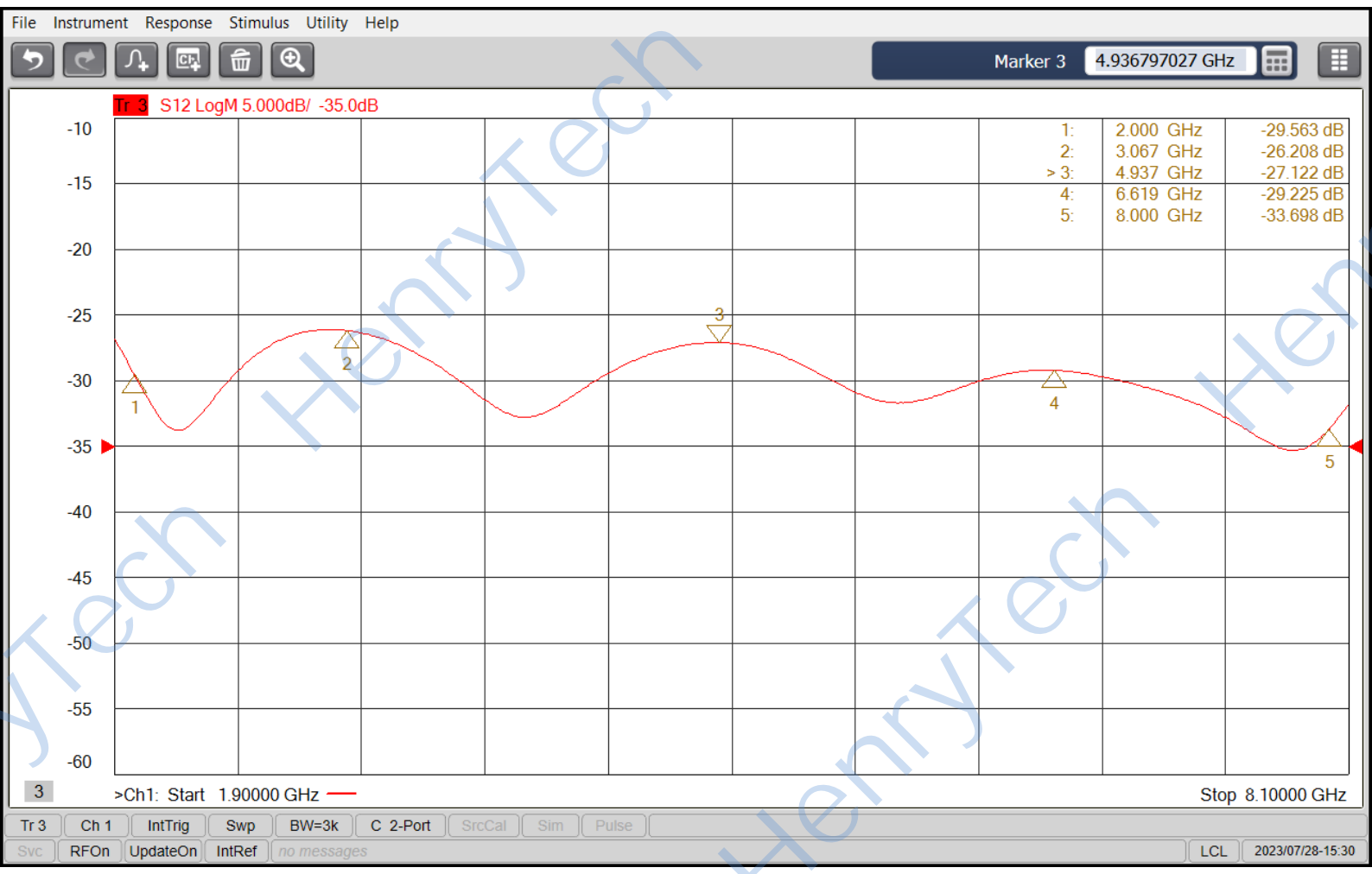
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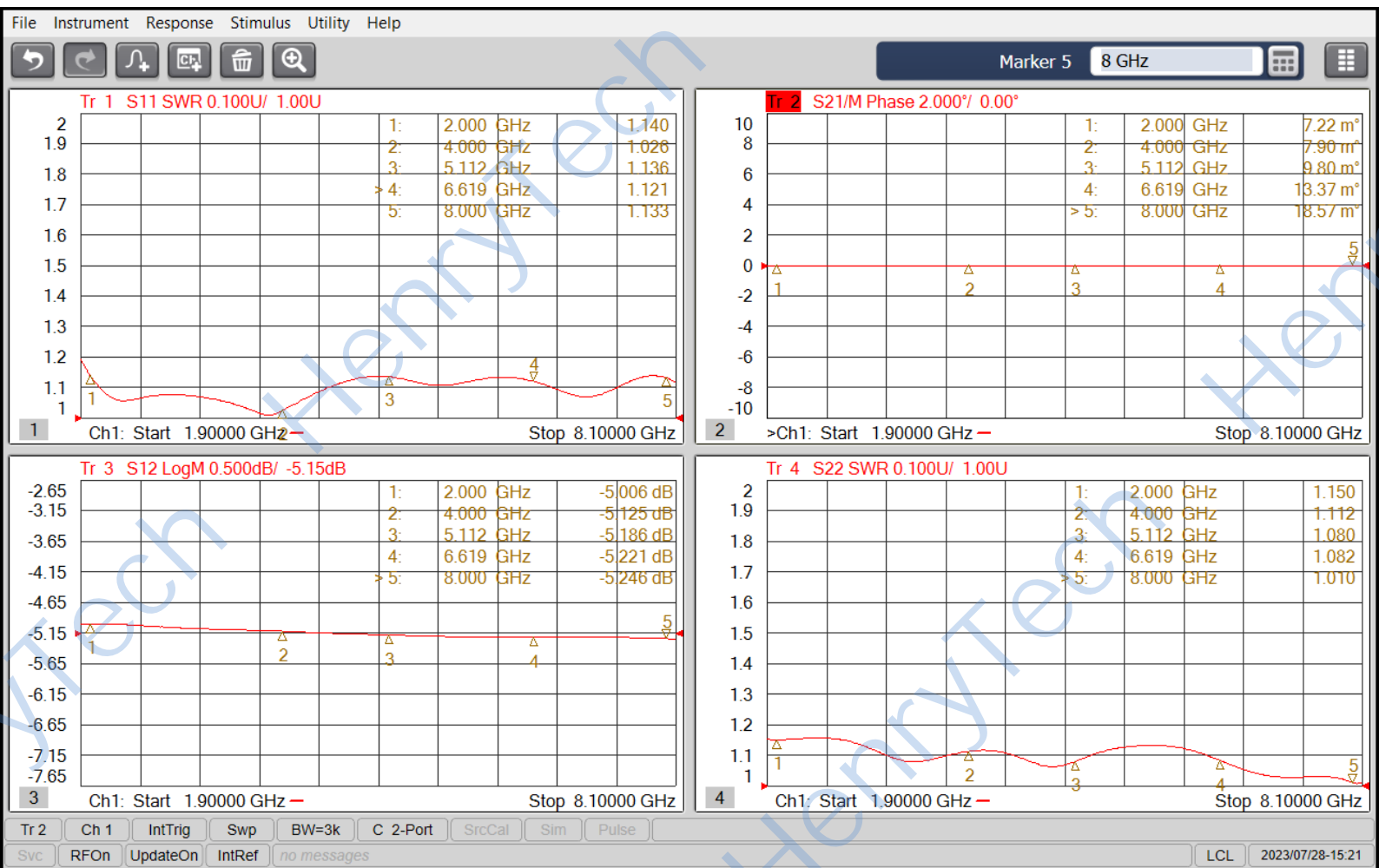


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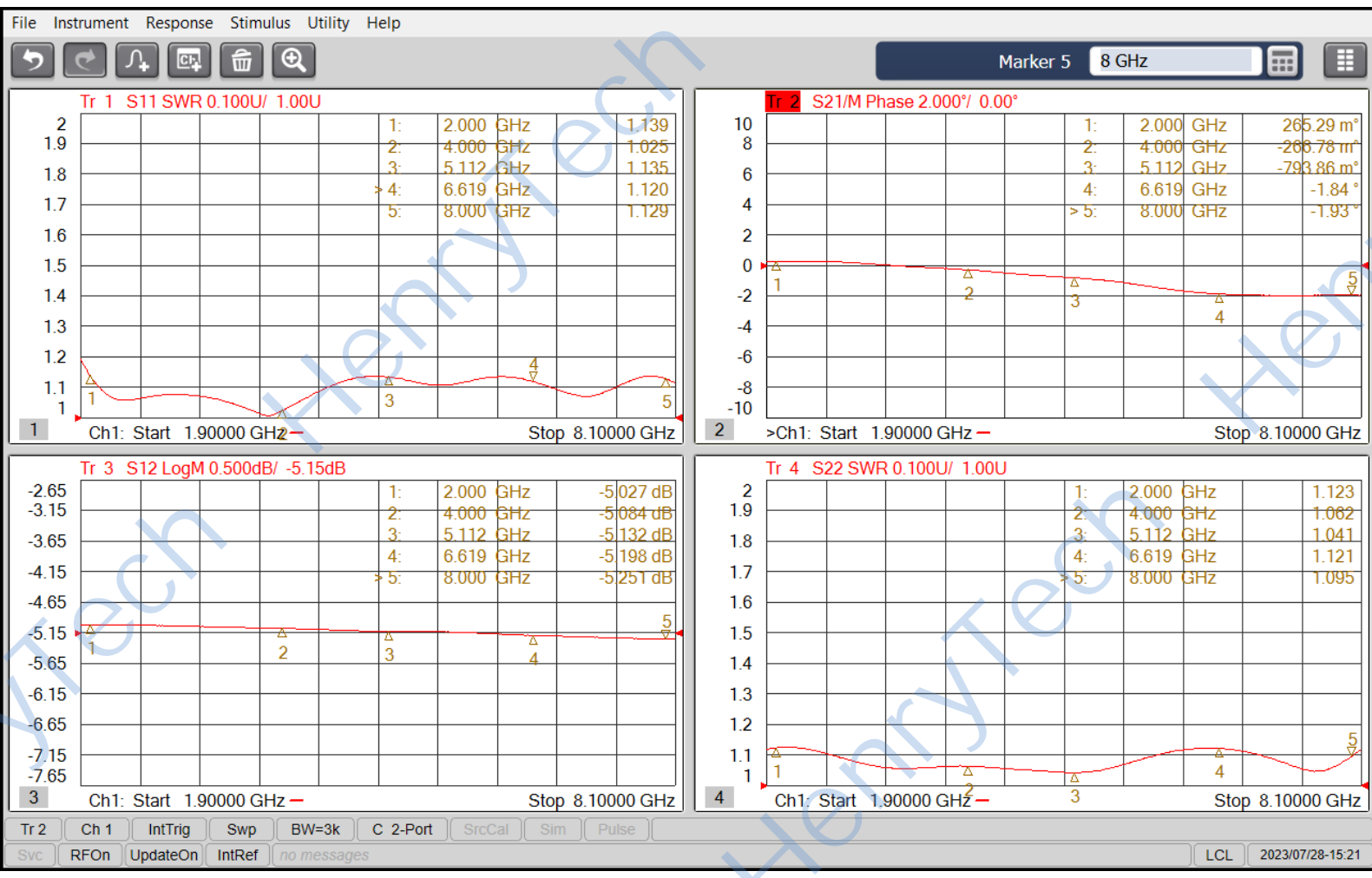
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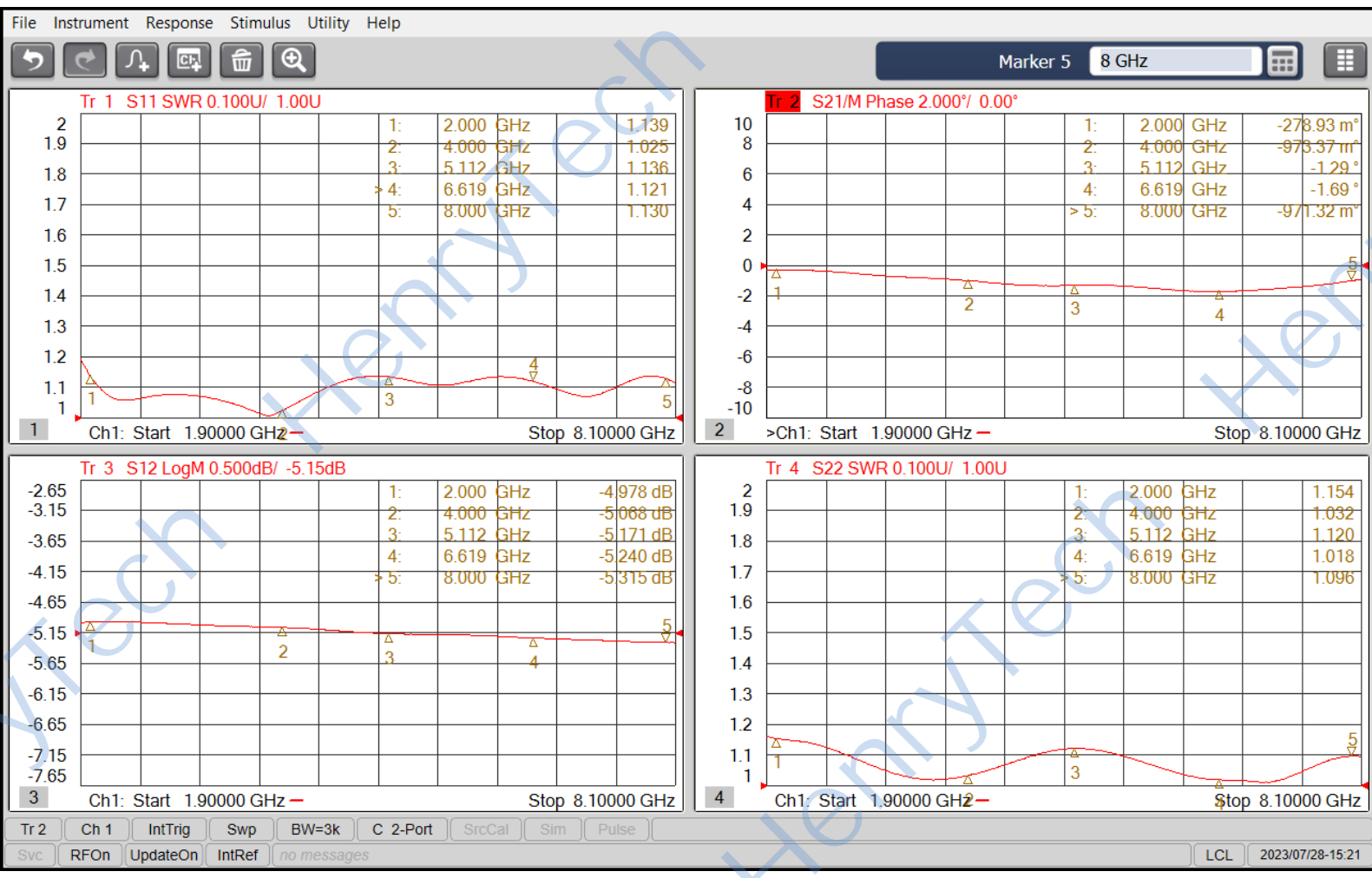


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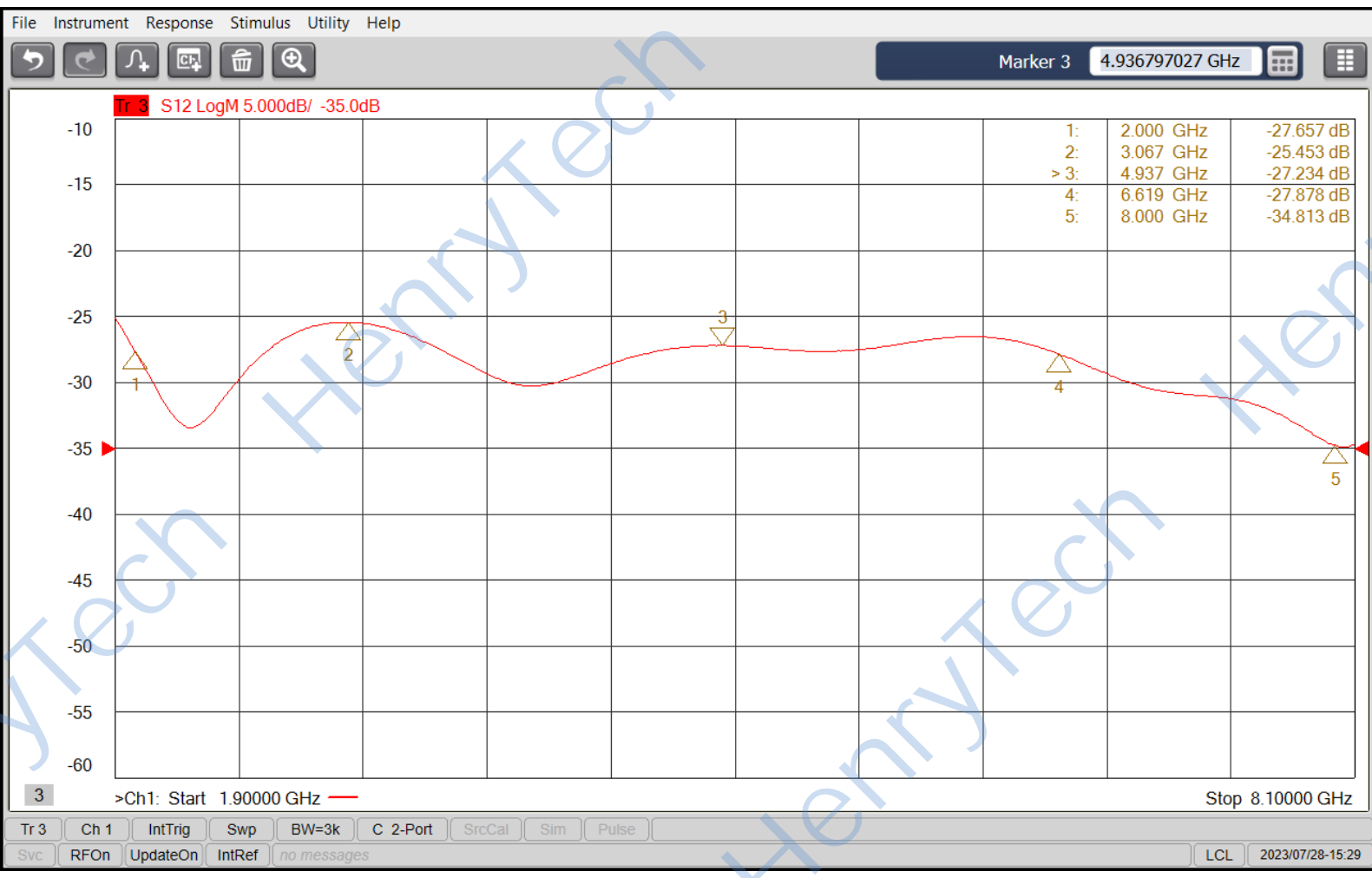
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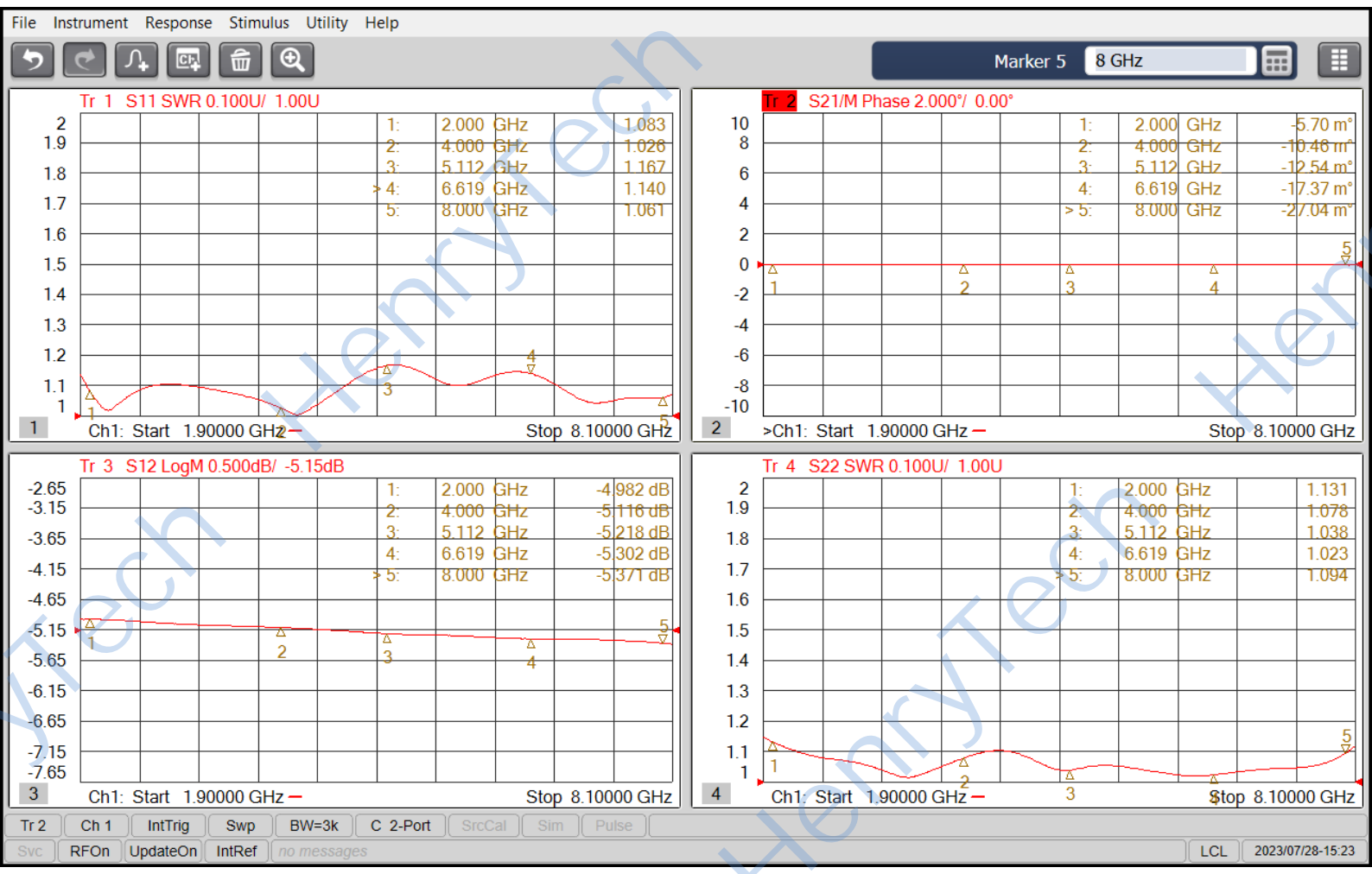


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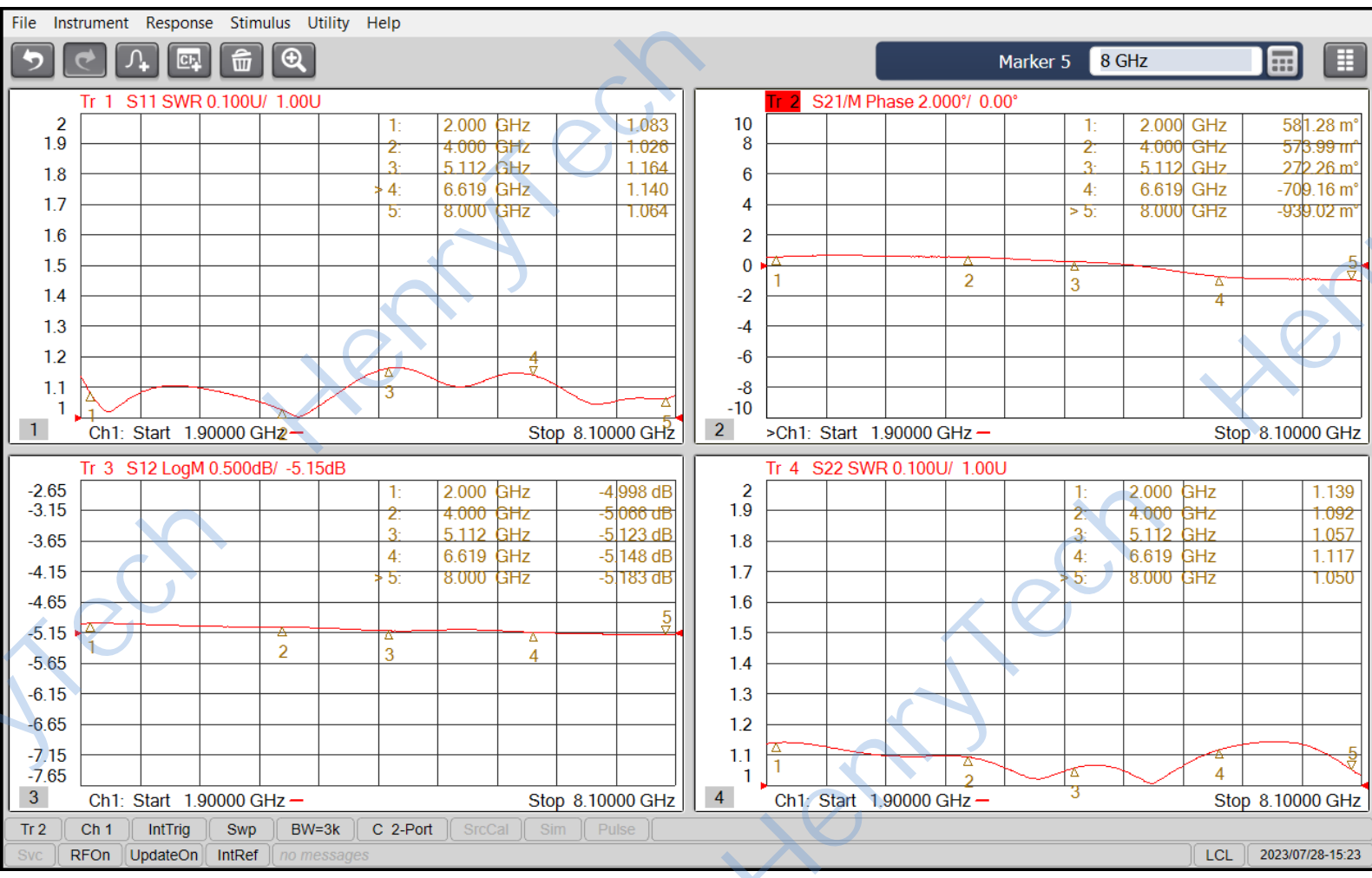
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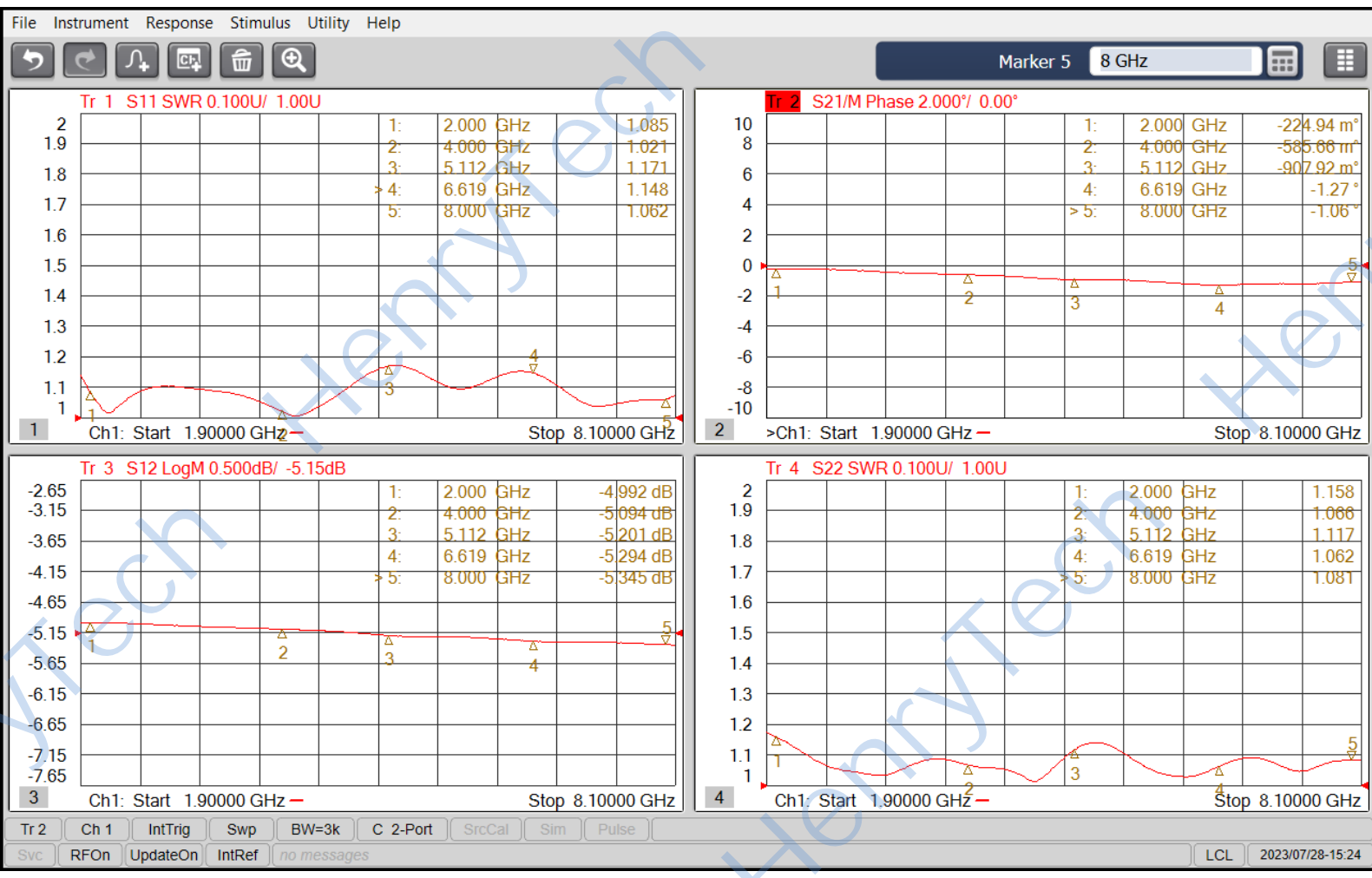


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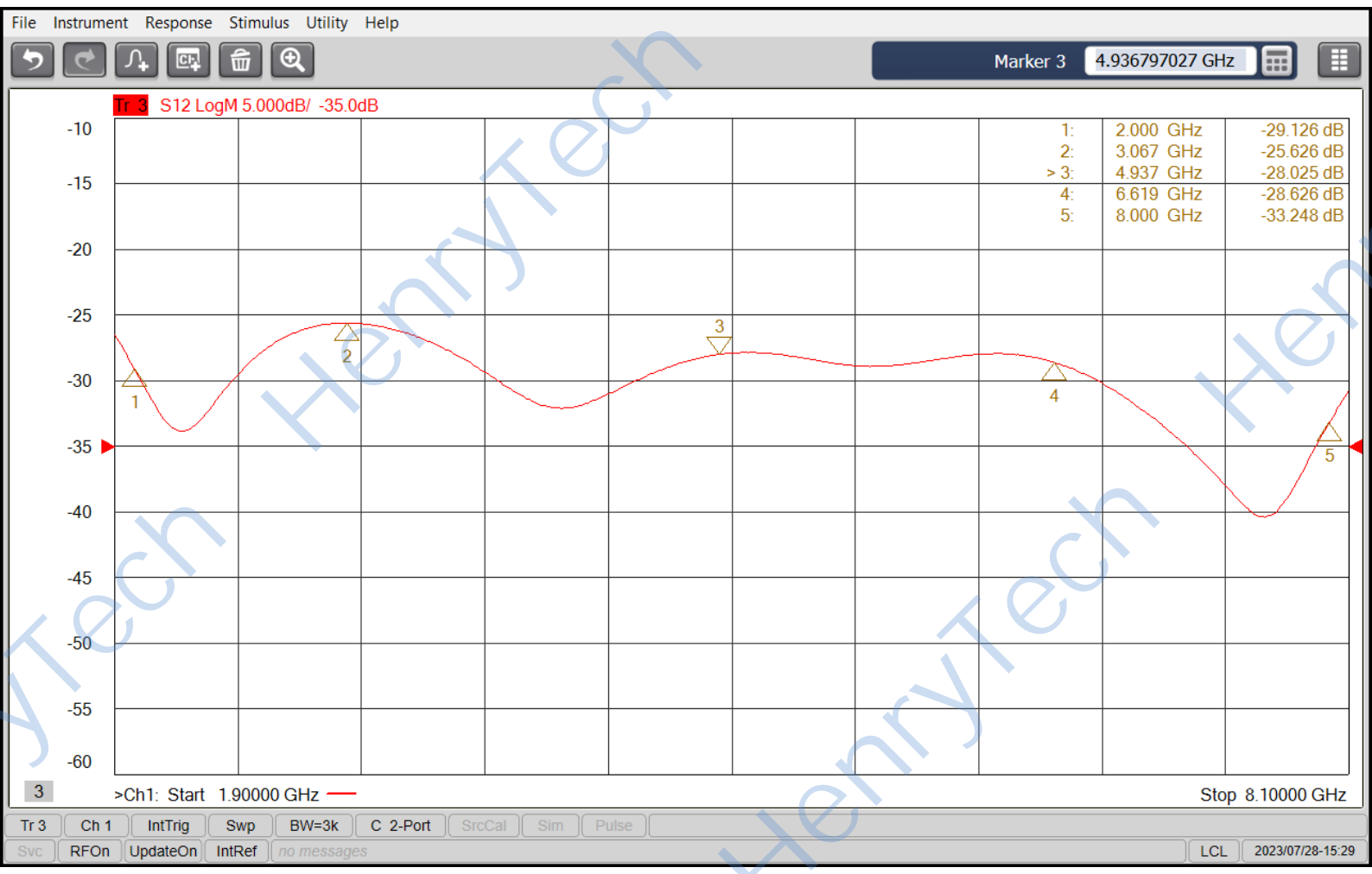
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File Instrument Response Stimulus Utility Help

Marker 5 8 GHz

Tr 1 S11 SWR 0.100U/ 1.00U

1:	2.000 GHz	1.123
2:	4.000 GHz	1.052
3:	5.112 GHz	1.179
4:	6.619 GHz	1.153
5:	8.000 GHz	1.094

Ch1: Start 1.90000 GHz — Stop 8.10000 GHz

Tr 2 S21/M Phase 2.000°/ 0.00°

1:	2.000 GHz	936.44 m°
2:	4.000 GHz	1.20°
3:	5.112 GHz	993.56 m°
4:	6.619 GHz	301.64 m°
5:	8.000 GHz	81.58 m°

>Ch1: Start 1.90000 GHz — Stop 8.10000 GHz

Tr 3 S12 LogM 0.500dB/ -5.15dB

1:	2.000 GHz	-4.984 dB
2:	4.000 GHz	-5.033 dB
3:	5.112 GHz	-5.099 dB
4:	6.619 GHz	-5.174 dB
5:	8.000 GHz	-5.209 dB

Ch1: Start 1.90000 GHz — Stop 8.10000 GHz

Tr 4 S22 SWR 0.100U/ 1.00U

1:	2.000 GHz	1.037
2:	4.000 GHz	1.070
3:	5.112 GHz	1.065
4:	6.619 GHz	1.114
5:	8.000 GHz	1.102

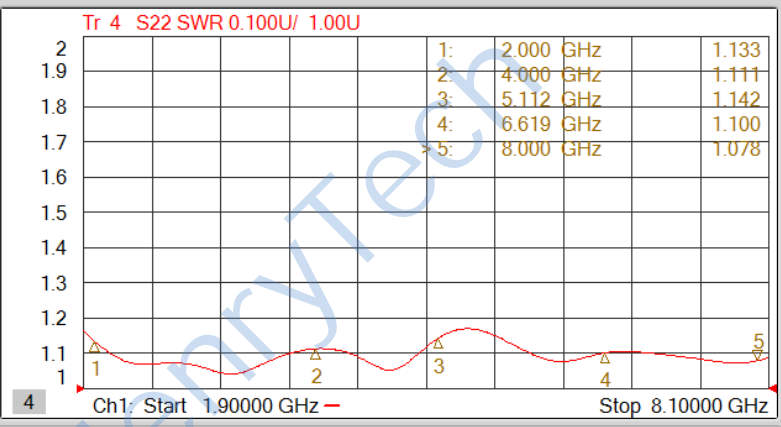
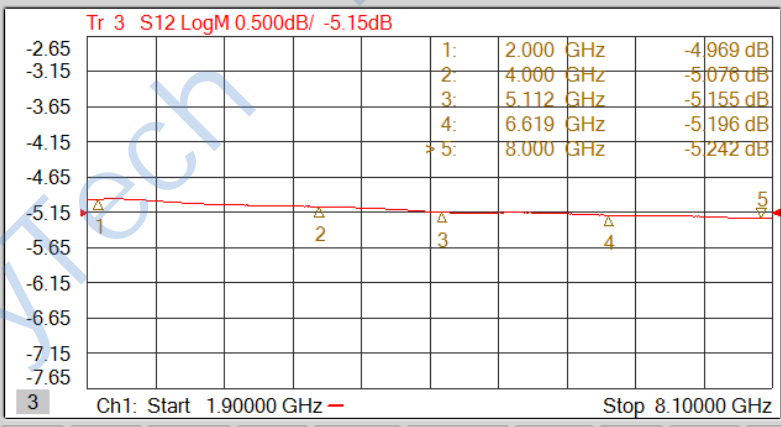
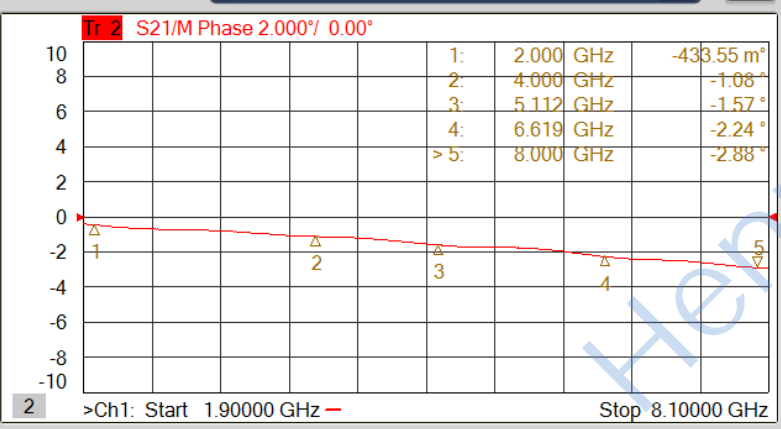
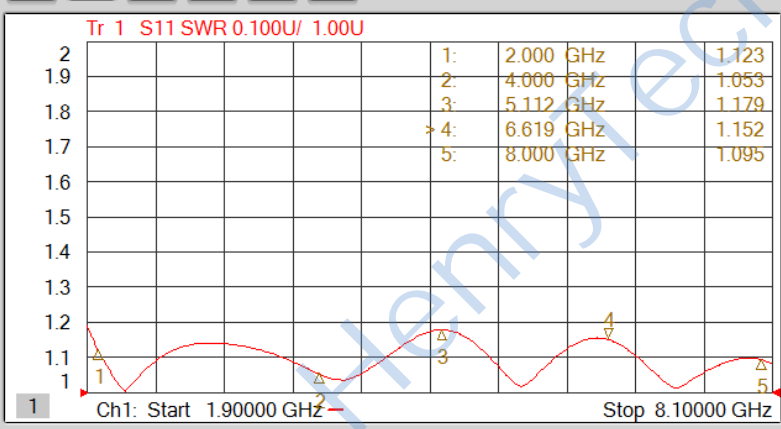
Ch1: Start 1.90000 GHz — Stop 8.10000 GHz

Tr 2 Ch 1 IntTrig Swp BW=3k C 2-Port SrcCal Sim Pulse

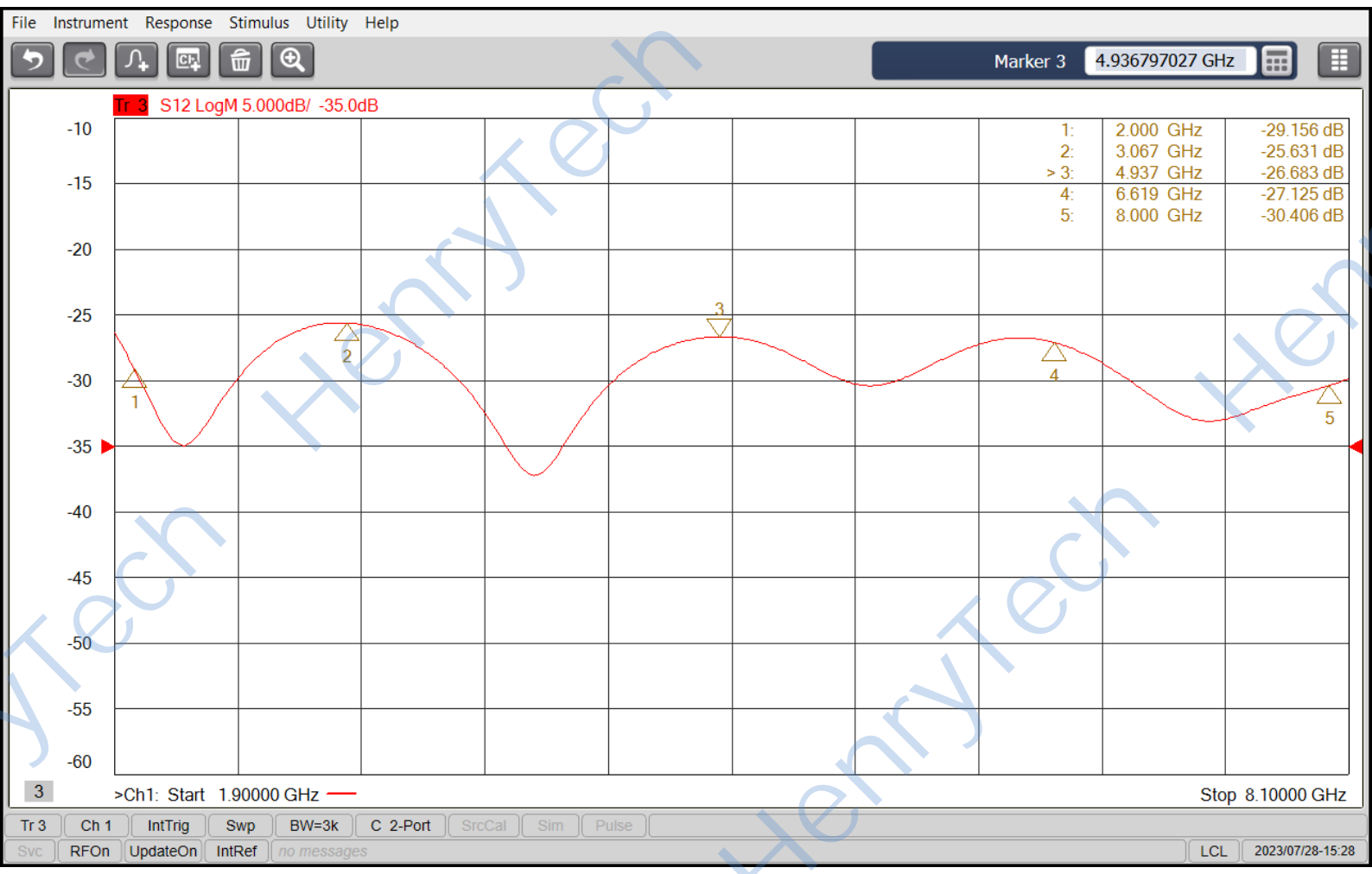
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LCL 2023/07/28-15:25

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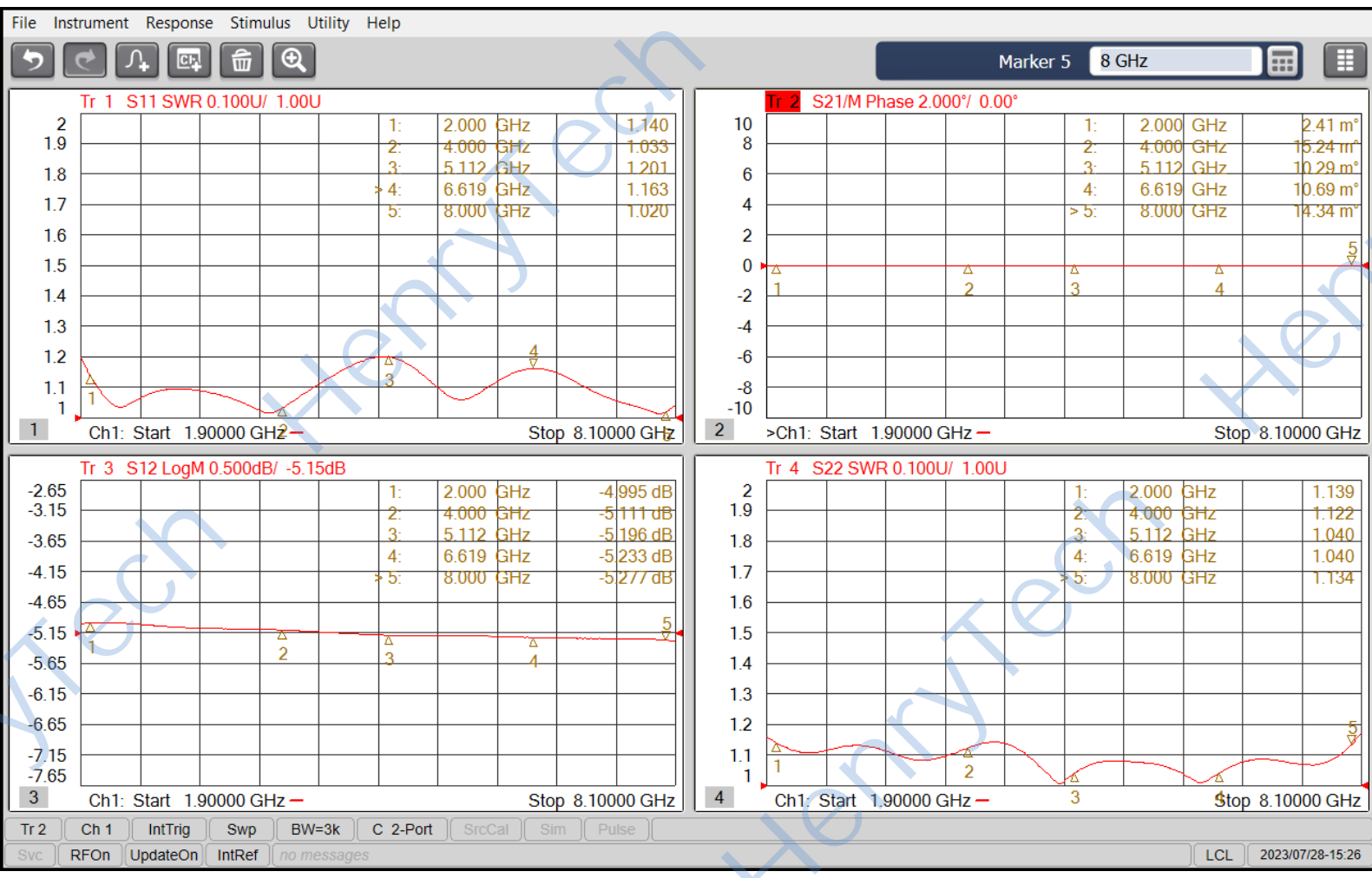


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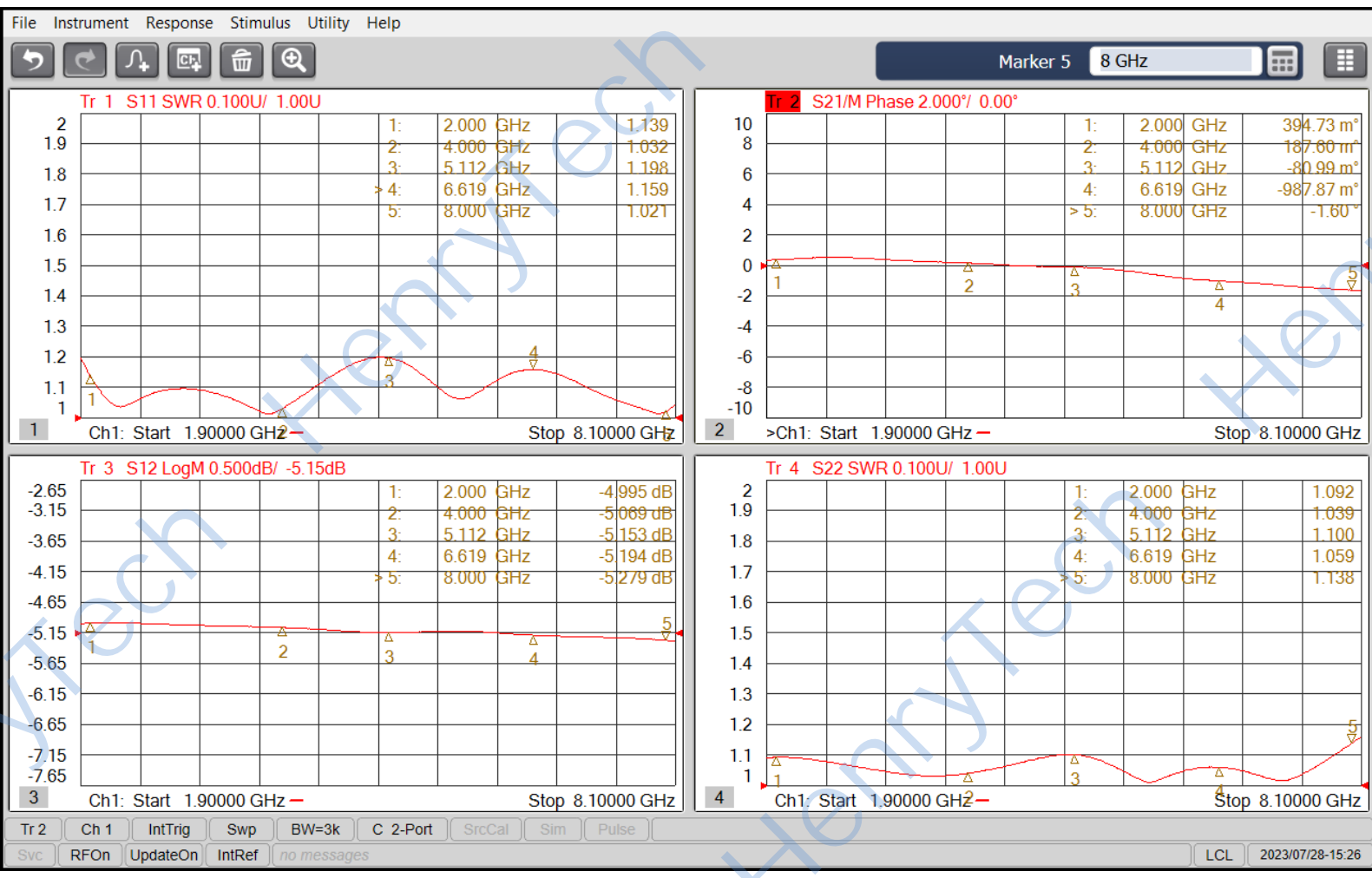


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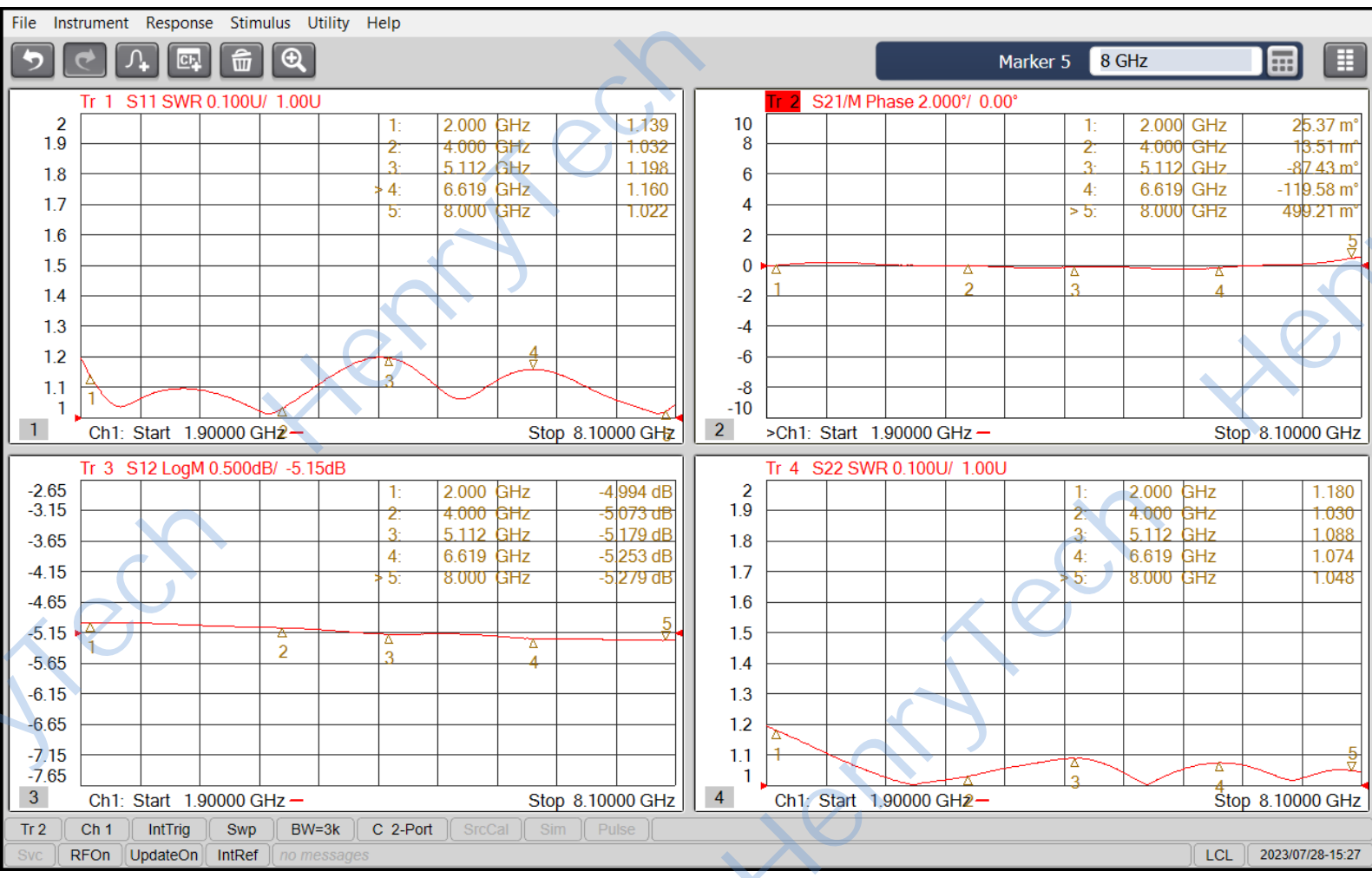
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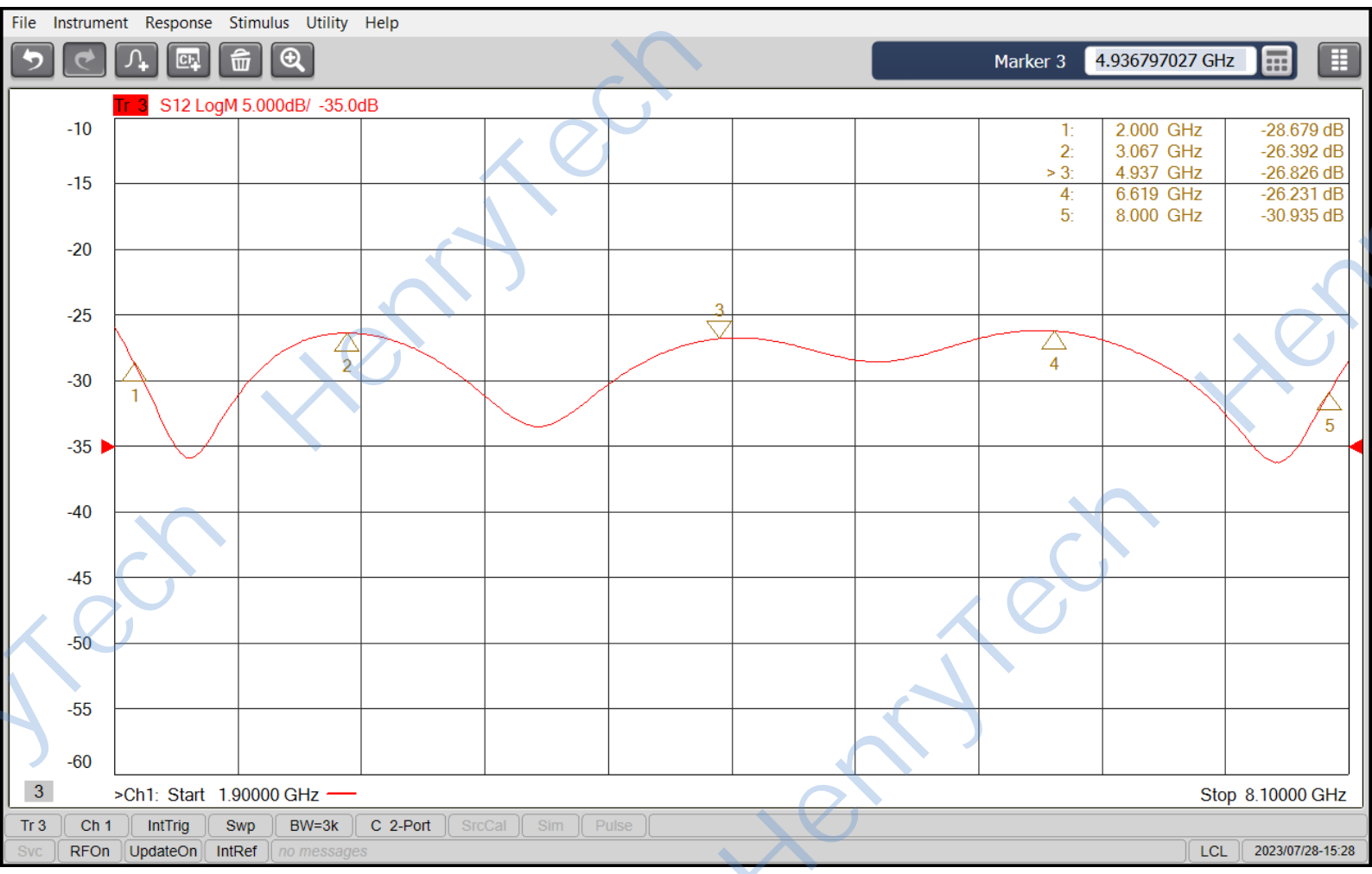


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