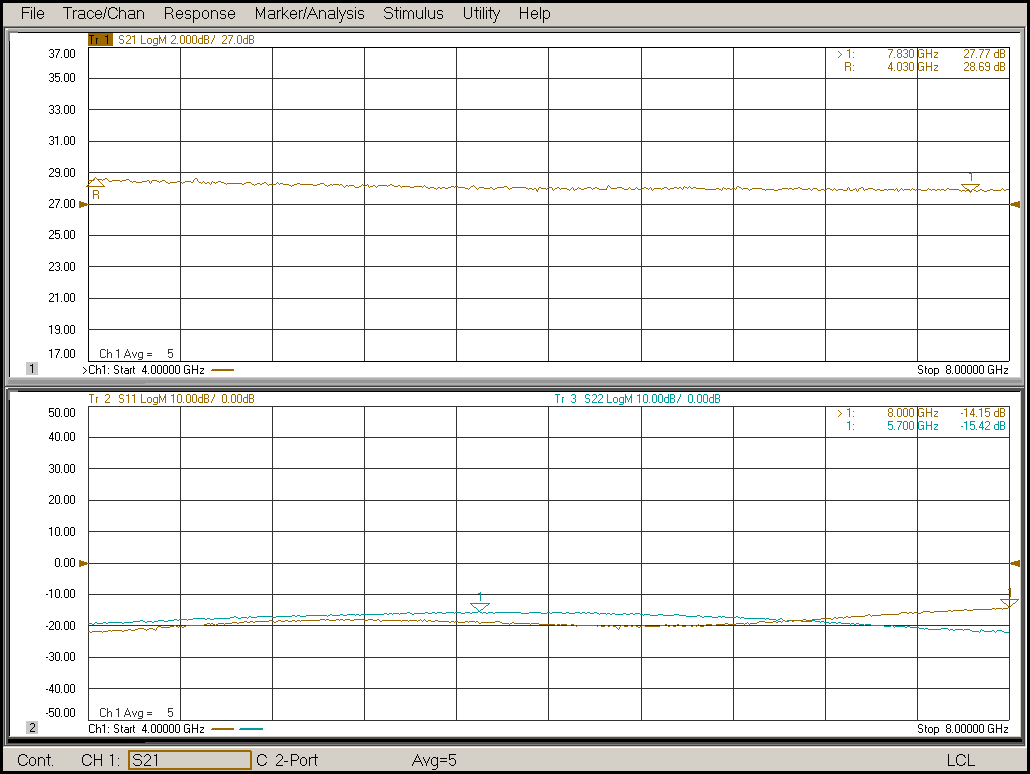
|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  |  |  | | |
| **Customer:** | **SOGO Electronics** | **Tested By:** | **H. Gonzales** | | |
| **SO No:** | **SO13-341-A-P** | Temperature: | **+25°C** | | |
| **Model No:** | **PE2-30-4G8G-2R0-10-12-SFF** | **Date:** | **02/10/14** | | |
| **Serial No:** | **PL14676/1407** | **Drawing No:** | **27607584** | **Rev:** | **A1** |
|  |  |  |  | | |

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| **Test.**  **Item No** | PARAMETERS | | **SPECIFIED VALUE** | **TEST**  **RESULTS** | | | **qa**  **qc** |
| 1 | Frequency Range: | | 4.0 to 8.0 GHz | **4.0 to 8.0 GHz**  **(See Plot)** | | |  |
| 2 | Gain: | | 27dB Typ. | **27.77dB Min.**  **28.69dB Max. (See Plot)** | | |  |
| 3 | Gain Flatness: | | ±1.0dB Max. | **± 0.46dB**  **(See Plot)** | | |  |
| 4 | Noise Figure: | | 2.0dB Max. | **1.79dB @ 8 GHz (See Plot)** | | |  |
| 5 | Pout @ 1dB Compression: | | +10dBm Min. | **>10dBm** | | |  |
| 6 | VSWR: (Input/Output) | | 2.0:1 Max | **Input 1.49:1**  **Output 1.41:1**  **(See Plot)** | | |  |
| 7 | DC Supply: | | +12 to +15VDC  @ 200mA Max. | **+12 to +15VDC  @ 160mA** | | |  |
|  | |  | | |  |  | |

|  |  |  |  |
| --- | --- | --- | --- |
| **QA/QC Approval:** |  | **Date:** |  |

**Gain & Return Loss Plot**



**Noise Figure Plot**

