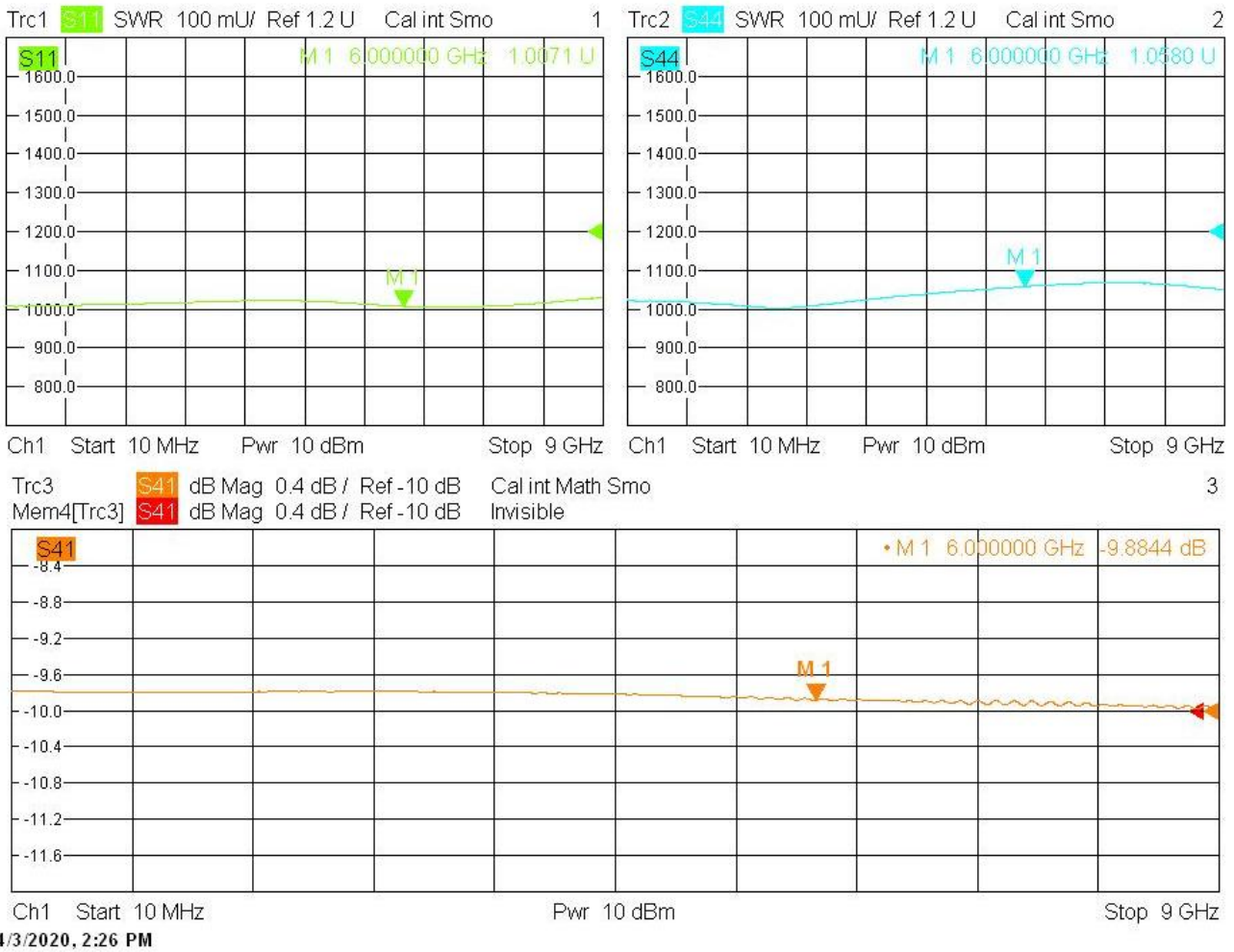


SALT SPRAY TEST REPORT

Sample description	RF Attenuator (P/N: RFHB0610SC2) DC-6GHz,2W,10dB, passivated stainless steel SMA, Male/Female		
Test requested	Salt spray test		
Sample quantity	1pc	Testing period	2020.4.3-2020.4.14
Test procedure	<p>1. Before sending the sample to third party test lab, we tested and recorded the S parameter of the attenuator sample.</p> <p>2. The sample is then sent to third party test lab and salt pray test is performed per MIL-STD-202G Method 101, Condition B: 48 hours. During the salt spray test, the attenuator connector is mated to a capped dummy connector according to MIL-DTL-3933J.</p> <p>3. After salt spray test, the same sample is retested in S parameter.</p>		
Test result	<p>1. After the 48 hour salt spray test, there is no evidence of corrosion or pitting visually examined by the third party test lab.</p> <p>2. After the 48 hour salt spray test, the S parameter is still within specification DC-6GHz, VSWR 1.25 max, Attenuation (10 ± 0.5)dB. Detailed test plots are attached hereafter.</p>		

1. S parameter test before the salt spray

Tested date	3 rd April 2020
Test equipment	Rohde & Schwarz VNA ZVA50
Specs limit	DC-6GHz,VSWR \leq 1.25, Attenuation (10 ± 0.5)dB
Test result	DC-6GHz,S11 \leq 1.0071 , S22 \leq 1.0580, S12: 9.8848dB (See the test data below)



VSWR test plot before the salt spray

2. Salt spray test

Tested by	Shenzhen Academy of Metrology & Quality Inspection
Test equipment	Q-FOG SSP & CCT Cyclic Corrosion Testers
Test method	Refer to MIL-STD-202G Method 101, Condition B 48 hours.
Test parameter	Salt solution concentration:5%wt PH of solution:6.5-7.2 Chamber temperature: (35± 3)°C Fog collection:(1-3)mL/hour Test duration:48 hours
Test result	No visual corrosion (See the test report from third party on next page)



检验报告

报告编号: WT2052001291

第3页, 共3页

序号	检测项目	标准要求 (委托方技术要求)	实测结果
1	抗盐雾试验	参照 MIL-STD-202G 进行检测: 盐溶液浓度: 5%wt 溶液 PH 值: 6.5-7.2 箱内温度: (35±3)℃ 盐雾收集: (1-3) mL/H 喷雾方式: 连续喷雾 喷雾时间: 48H	无腐蚀

附:



检测前



检测后

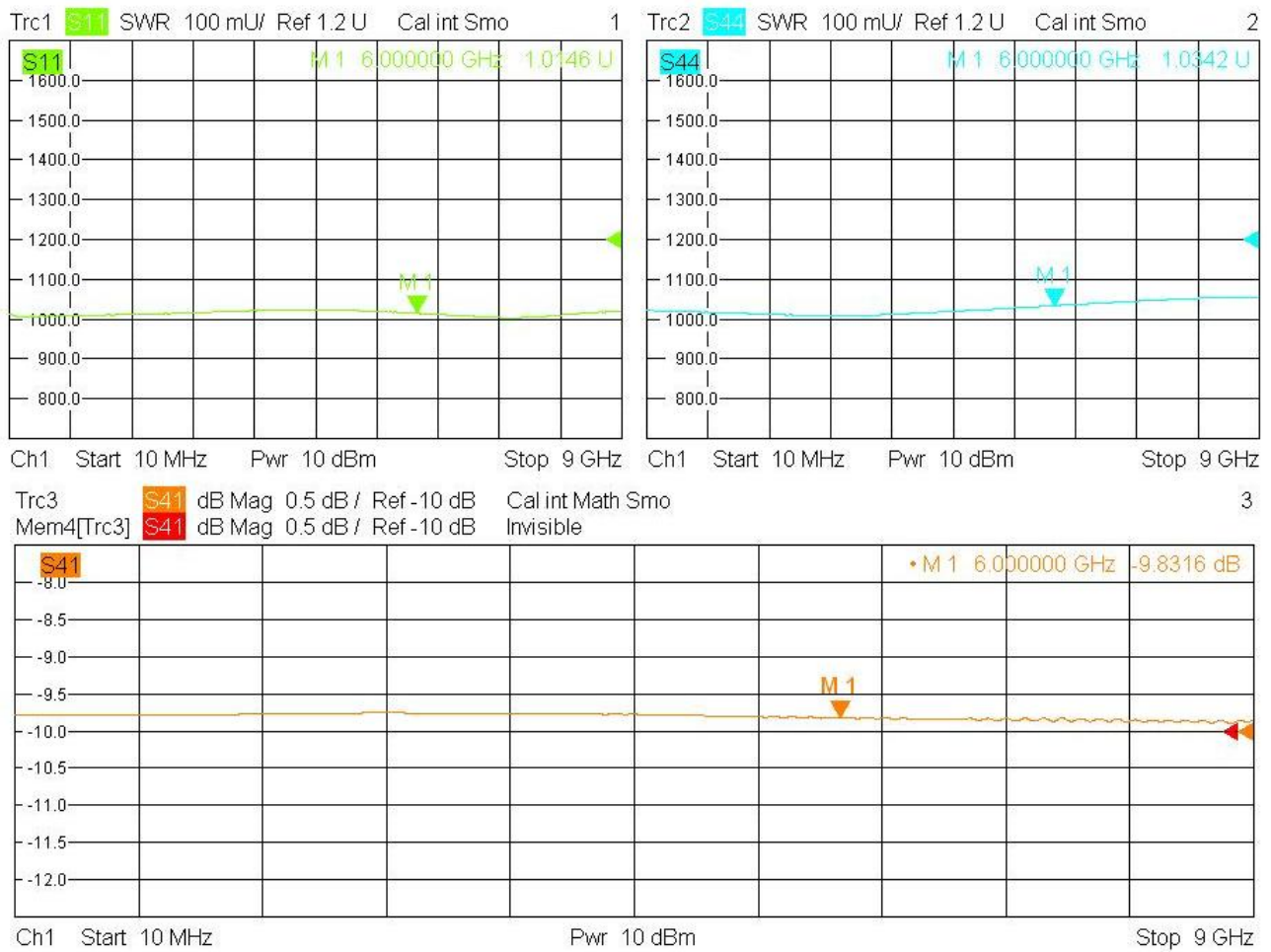
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Part of the salt spray test report by the third party test lab

3. S parameter test before the salt spray

Tested date	14 th April 2020
Test equipment	Rohde & Schwarz VNA ZVA50
Specs limit	DC-6GHz, VSWR \leq 1.25, Attenuation (10 \pm 0.5)dB
Test Result	DC-6GHz, S11 \leq 1.0146 , S22 \leq 1.0342, S12: 9.8316dB (See the test data below)



SWR test plot after the salt spray