

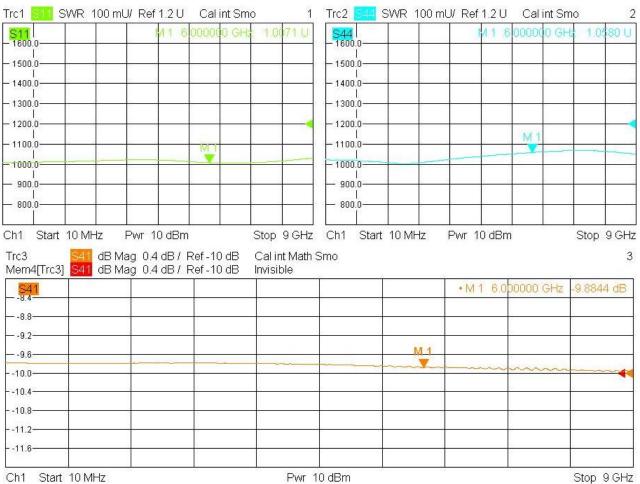
# SALT SPRAY TEST REPORT

Sample description	RF Attenuator (P/N: RFHB0610SC2)							
Sample description	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	parameter of the attenuato 2. The sample is then sent per MIL-STD-202G Methor test, the attenuator connect to MIL-DTL-3933J.	ple to third party test lab, we or sample. to third party test lab and sa d 101, Condition B: 48 hours otor is mated to a capped du same sample is retested in	alt pray test is performed s. During the salt spray mmy connector according					
Test result	visually examined by the the the 2. After the 48 hour salt sp	pray test, there is no evidence nird party test lab. pray test, the S parameter is $x$ , Attenuation (10 $\pm$ 0.5)dB.	still within specification					

## 1. S parameter test before the salt spray

Tested date	3 <sup>rd</sup> April 2020	
Test equipment	Rohde & Schwarz VNA ZVA	50
Specs limit	DC-6GHz,VSWR≤1.25, Attenuation (	10±0.5)dB
Test result	DC-6GHz,S11≤1.0071 , S22≤1.0580, S12: 9.8848dB	(See the test data below)





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#### 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.
	Salt solution concentration:5%wt
	PH of solution:6.5-7.2
Test parameter	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)

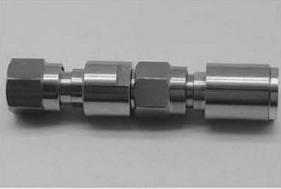




# 检验报告

报告编	i号: WT205200	291	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:55wt 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 <sup>th</sup> April 2020
Test equipment	Rohde & Schwarz VNA ZVA50
Specs limit	DC-6GHz,VSWR≤1.25, Attenuation (10±0.5)dB
Test Result	DC-6GHz,S11≤1.0146 , S22≤1.0342, S12: 9.8316dB (See the test data below)

S11	2	11 60	00000	GH	101	46 U	S44		5	8	-	144	80	0000	IO GH	10	42 U
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1500.0				4	-		- 1500.0	)	-	4	-	i i			_	-	0
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800.0				10			- 800.0	)	-	1	-		-				
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rc3 <mark>S41</mark> (	dB Mag 0.5	dB/R		B C	Cal int	t Math S		Start	10 Mł	Hz		10 df		0000	GHz	Stop -9.831	3
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rc3 541 4 1em4[Trc3] 541 4 -8.0 -8.5	dB Mag 0.5	dB/R		B C	Cal int	t Math S		Start						0000	GHz		3
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irc3  S41    /lem4[Trc3]  S41    -8.5  -    -9.5  -    -10.0  -    -11.0  -	dB Mag 0.5	dB/R		B C	Cal int	t Math S		Start		VI 1					GHz		3
Trc3  S41    /lem4[Trc3]  S41    -8.5  -    -9.0  -    -9.5  -    -10.0  -    -11.5  -	dB Mag 0.5	dB/R		B C	Cal int	t Math S		Start		VI 1					GHz		3
Trc3  S41    /lem4[Trc3]  S41    -8.5	dB Mag 0.5	dB/R		B C	Cal int	t Math S				VI 1				0000	GHz		3

4/14/2020, 4:39 PM

VSWR test plot after the salt spray