

納入仕様書

iAN263-L5G-B3M

iAN263-L5G-B4ME

iAN263-L5G-B15ME

改版履歴

版数	日付	承認者	改版者	改版内容
0.1	2025 年 6 月 24 日	大野	正木	初版 (Draft) 発行
1.0	2025 年 8 月 21 日	大野	正木	“9. 梱包仕様”及び”11. RoHS Test Report“追加

■ 適用

本仕様書は、株式会社IDY（以下、「IDY」という）が供給する Local 5G 用 Dual アンテナ iAN263-L5G シリーズの納入仕様書である。

■ 仕様

1. 型名

iAN263-L5G-B3M	: アンテナ本体 (ケーブル長 3m) のみ
iAN263-L5G-B4ME	: アンテナ本体 (ケーブル長 3m) + 1m 延長ケーブル (iEC1M)
iAN263-L5G-B15ME	: アンテナ本体 (ケーブル長 3m) + 12m 延長ケーブル (iEC12M)

2. 用途 Local 5G 用通信モジュールに接続し使用される。

3. 電気特性

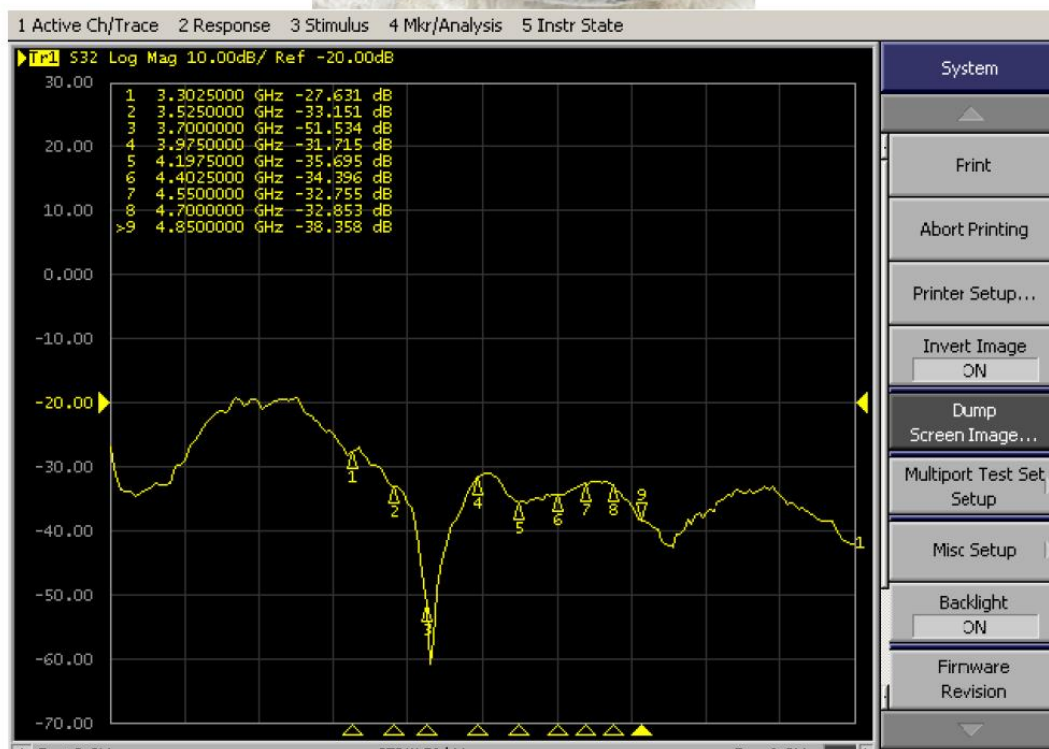
Sample Photo	
	
A. Electrical Characteristics	
Frequency	3300 ~ 5000 MHz
V.S.W.R.	≤ 3.0 / 3300 ~ 5000 MHz / ANT1 ≤ 3.0 / 3300 ~ 5000 MHz / ANT2
Peak Gain	< 6 dBi / 3300 ~ 5000 MHz / ANT1 < 6 dBi / 3300 ~ 5000 MHz / ANT2
Isolation loss	≥ 20 dB
Antenna Type	Dipole
Polarization	Linear
Impedance	50 Ohm
B. Material & Mechanical Characteristics	
Material of Radiator	PCB
Material of Plastic	PC-N4010
Cable Type	LMR200
Connector Type	SMA Male
C. Environmental	
Operation Temperature	- 40 °C ~ + 65 °C
Storage Temperature	- 40 °C ~ + 80 °C
Waterproof	IP56

4. Characteristics and Reliability Test

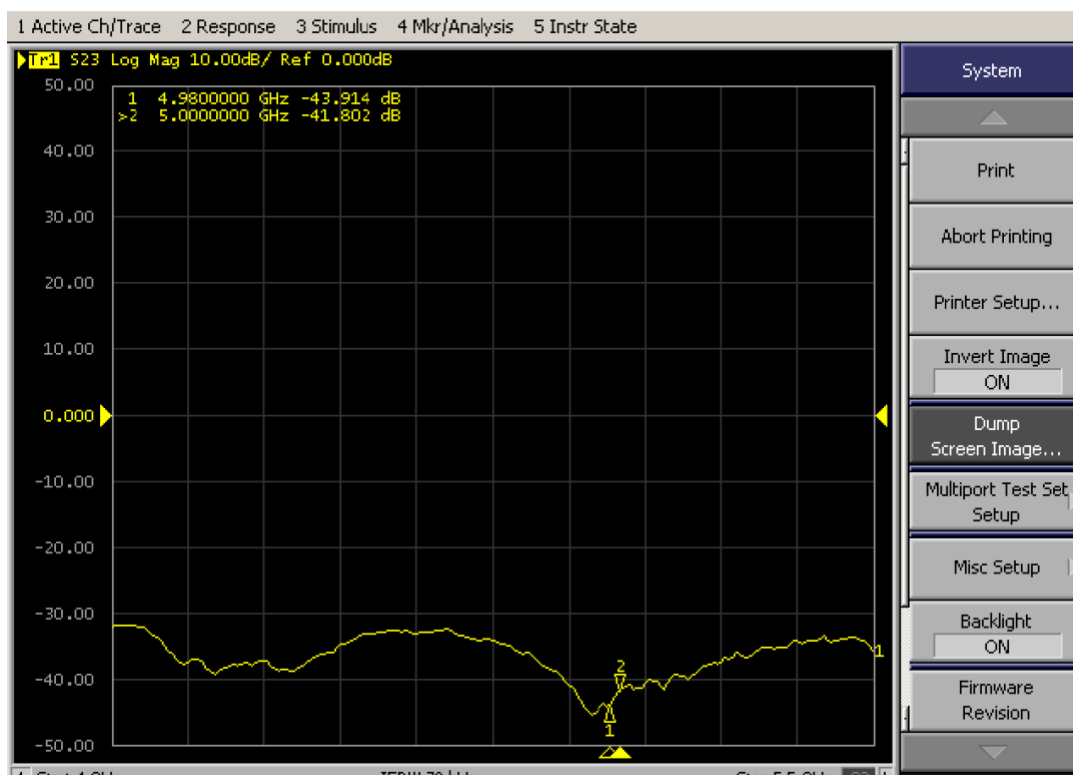
Test Items		Test Condition and Procedure	Requirements
C1	S.W.R.	Set DUT on Network Analyzer; make individual calibration to test	Directive DUT specification
C2	Antenna Gain	Set DUT on Antenna Chamber; make individual calibration to test	Directive DUT specification
M1	Vibration	GB / T2423 . 48-1997 Amplitude: 0.03 inch (1.5mm); Freq: 20 to 80 to 20 Hz 3 directions; 2 hours for each direction	1. No Visual Damage 2. Frequency Tol.<= 5%
M2	Random Drop	GB / T2423.8-1995 Height: 1.0 Meter; 3 directions; 1 time for each direction	1. No parts separated 2. Frequency Tol.<= 5%
M3	Solderability	GB 2423 . 28- 82 Solder iron: 260±5°C; Duration: 5 seconds	1. Mounted on PCB 2. No Visual Damage
M4	Terminal-Pull Test	Holding with individual specification; force applied to axis of terminal	1. Directive DUT specification 2. Frequency Tol.<= 5%
M5	Terminal-Torque Test	Holding with individual specification; applied clockwise and counterclockwise to the axis of terminal	1. Directive DUT specification 2. Frequency Tol.<= 5%
M6	Dimension	Inspection of dimension, color, material, package, surface process	Directive DUT specification
E1	Salt Spray	GB / T 2423 . 17- 93 Temp: 35°C; RH: >= 95%; NaCl solution: >= 5%; Time: 24 hours	After 2 Hours Recovery 1. No Visual Damage 2. Frequency Tol.<= 5%
E2	Humidity	GB / T 2423 . 4 - 93 Temp: 80°C / 12 H; -40°C / 12H RH: >= 90%; Time: 24 hours	After 2 Hours Recovery 1. No Visual Damage 2. Frequency Tol.<= 5%
E3	Thermal Shock	GB / T 2423 . 22 - 87 1 Cycle: - 40°C (30 minutes) to + 80°C (30 minutes) Cycles: 24	After 2 Hours Recovery 1. No Visual Damage 2. Frequency Tol.<= 5%
E4	Life (High Temp.)	GB / T 2423 . 2 - 89 Temp: 80°C; Time: 24 hours	After 2 Hours Recovery 1. No Visual Damage 2. Frequency Tol.<= 5%
R1	RoHS	With Reference to IEC 62321:2008 with flow chart	Directive RoHS 2011/65/EU
R2	PFOS	With Reference to USA EPA 3540C:1996 by LC/MS	Directive RoHS 2006/122/EC
R3	PFOA	With Reference to USA EPA 3540C:1996 by LC/MS	Directive RoHS 2006/122/EC

5. Antenna – S-Parameter Test Data

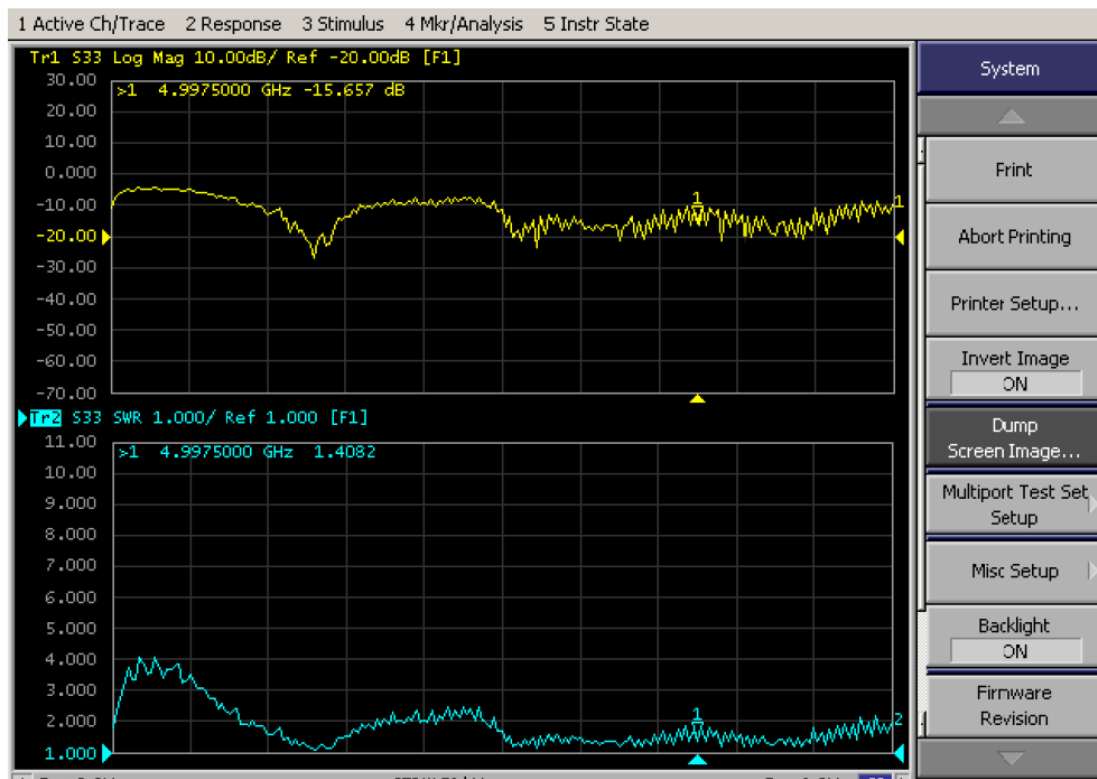
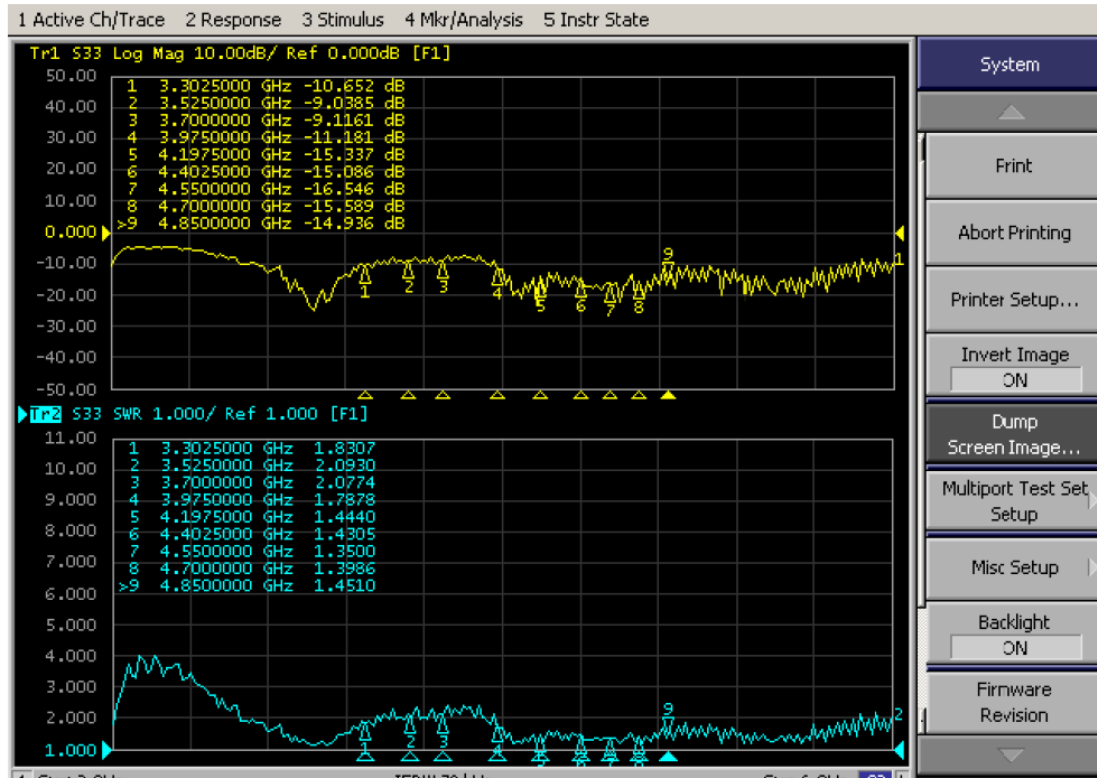
Isolation loss



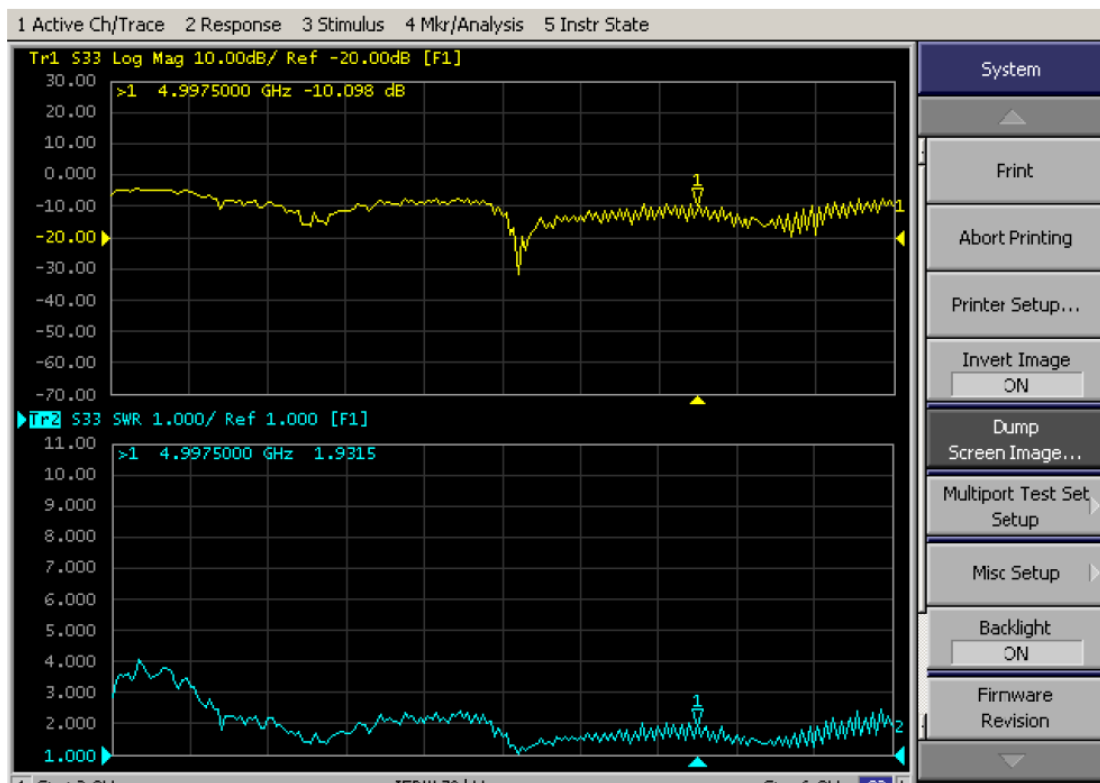
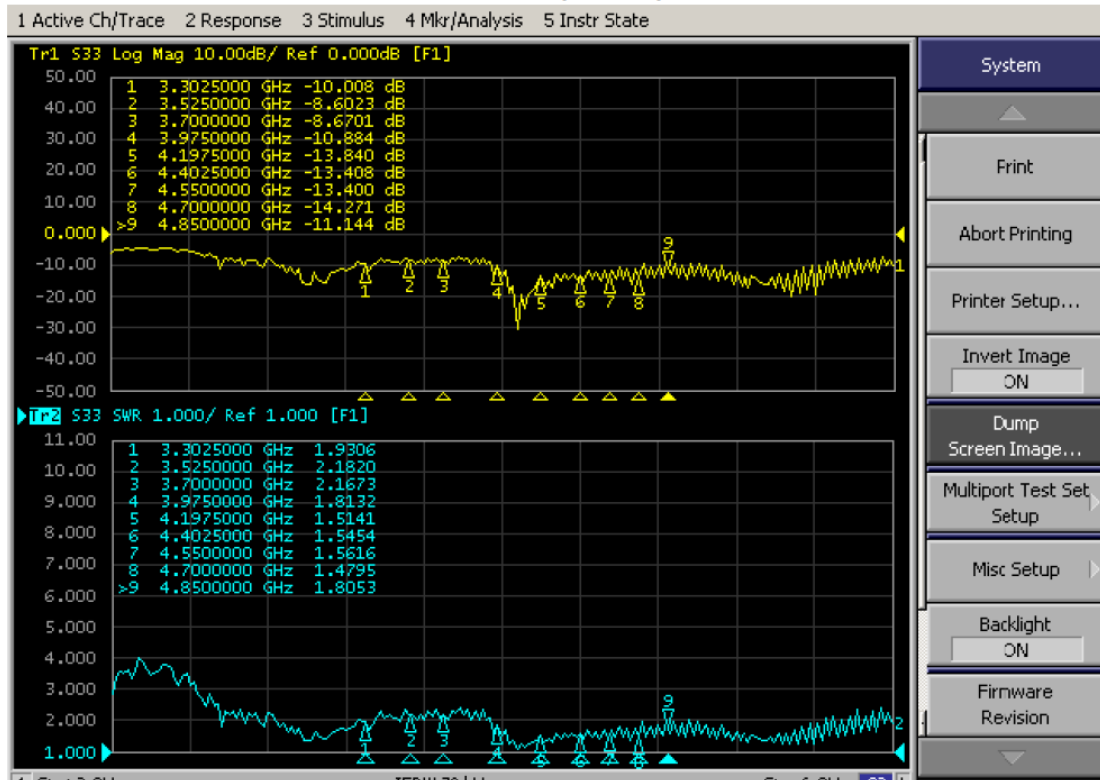
Isolation loss



VSWR (ANT1)

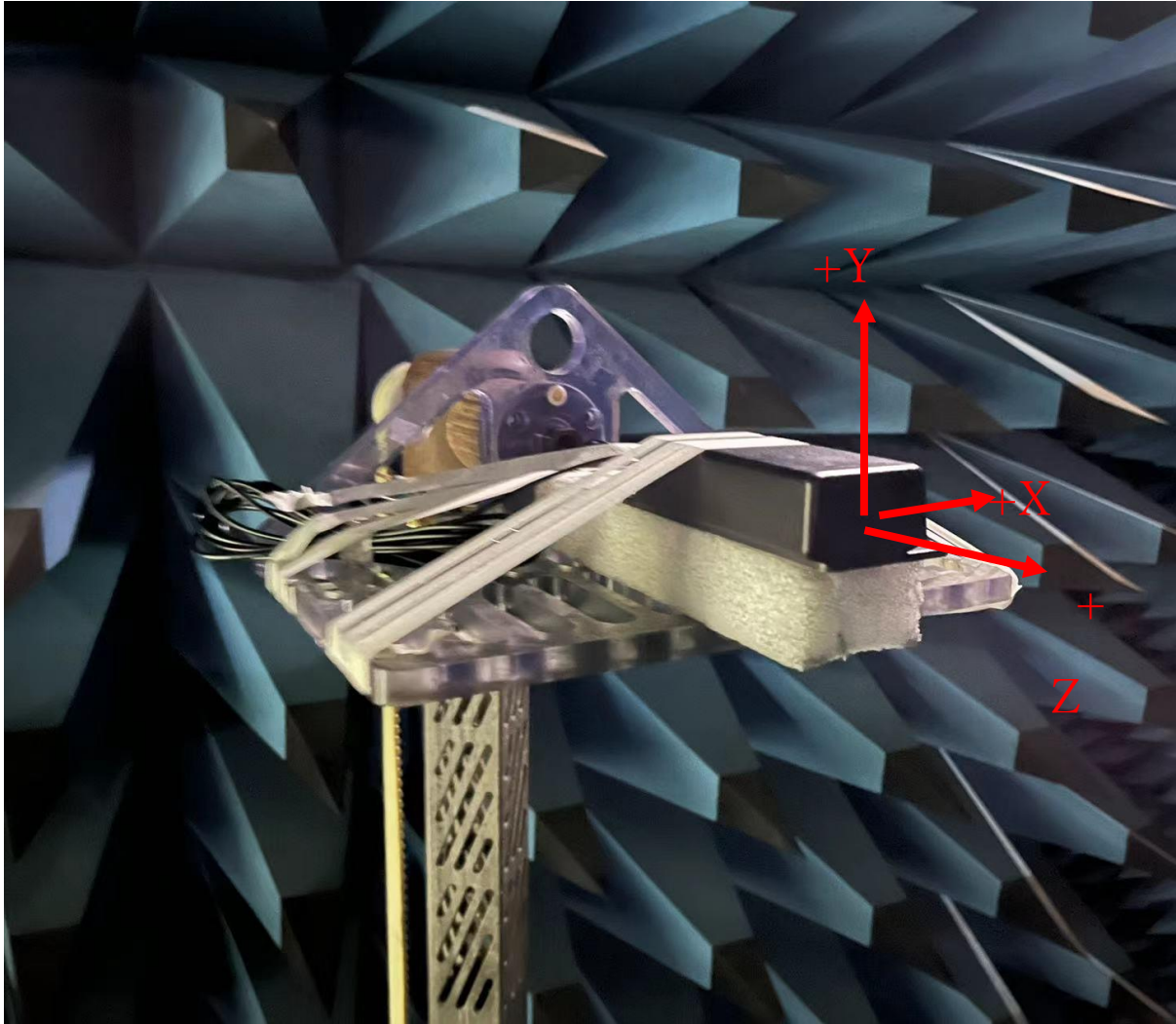


VSWR (ANT2)

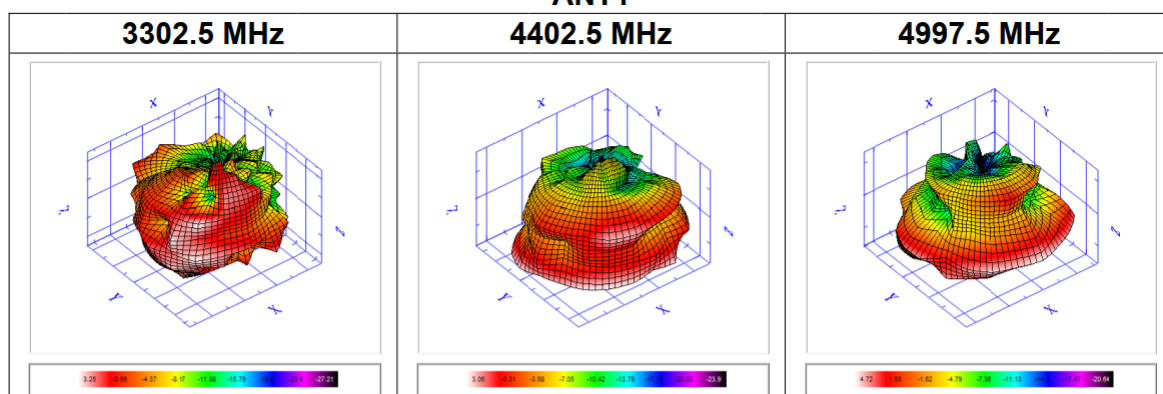


6. Antenna – 3D Radiation Pattern / Peak Gain Test Data (@ Free Space)

Chamber Setup and Angle Definition

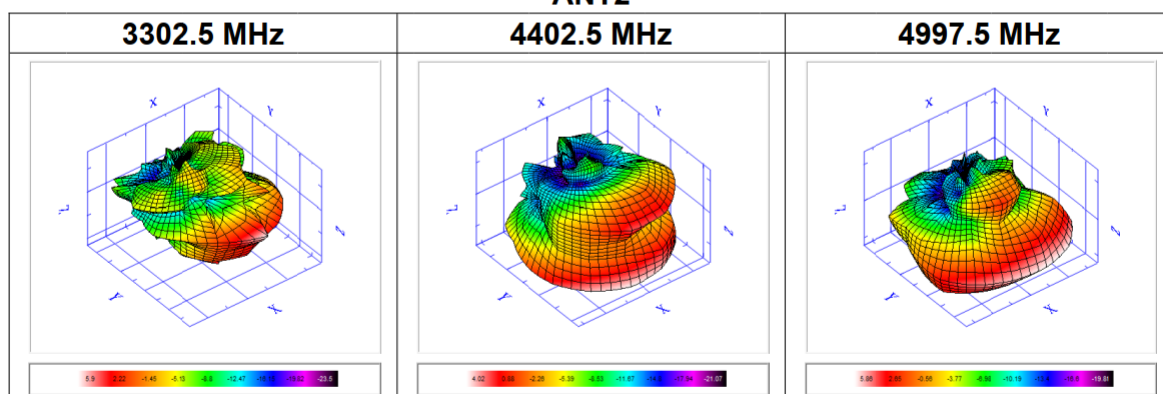


ANT1



Frequency	3302.5	3525	3700	3975	4197.5	4402.5	4550	4700	4850	4997.5
E-Total Peak Gain (dBi)	3.25	3.14	0.17	-1.12	1.27	3.06	4.29	5.47	4.43	4.72
Efficiency (%)	35.28	31.13	21.85	12.27	21.87	30.84	36.65	40.95	37.44	36.65
Average Gain (dB)	-4.52	-5.07	-6.6	-9.11	-6.6	-5.11	-4.36	-3.88	-4.27	-4.36

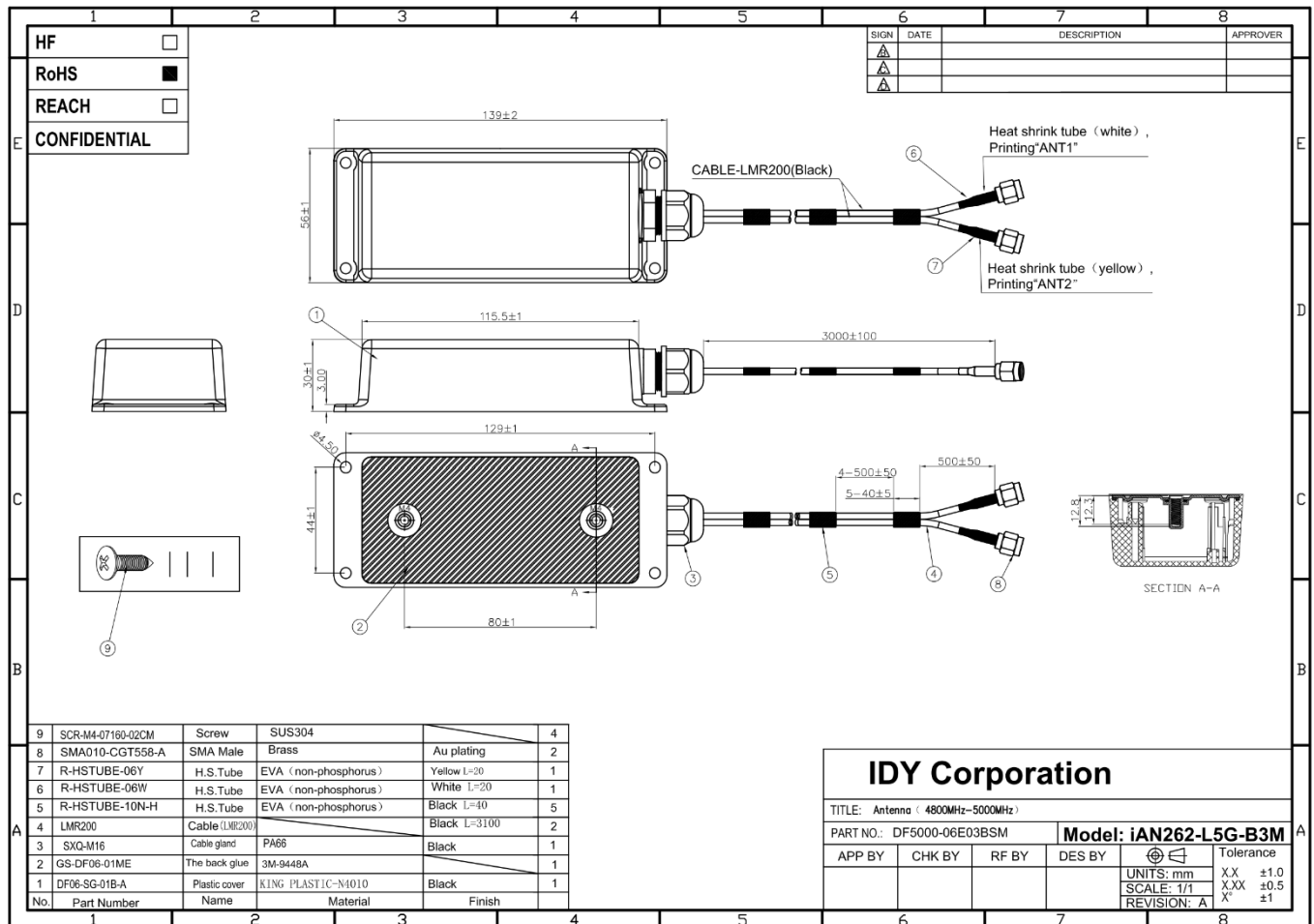
ANT2



Frequency	3302.5	3525	3700	3975	4197.5	4402.5	4550	4700	4850	4997.5
E-Total Peak Gain (dBi)	5.9	4.38	4.13	-0.54	2.61	4.02	5.83	5.55	5.26	5.86
Efficiency (%)	23.83	22.45	20.49	12	18.19	25.34	31.42	33.53	27.93	36.15
Average Gain (dB)	-6.23	-6.49	-6.88	-9.21	-7.4	-5.96	-5.03	-4.75	-5.54	-4.42

8. アンテナ外觀仕様

< iAN263-L5G-B3M >



9. 梱包仕様

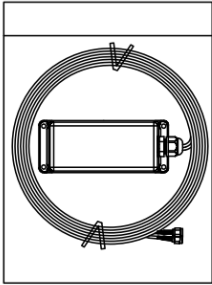
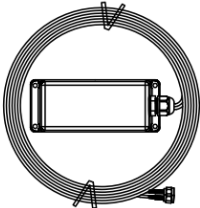
Packing Specification

Date: 2025.08.19

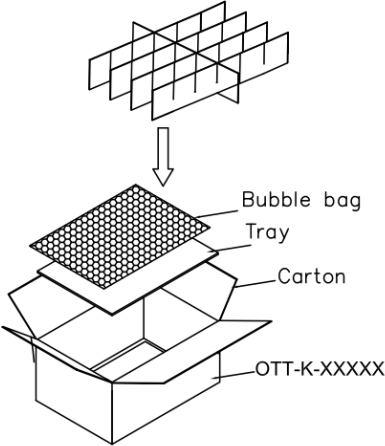
Page: 1 of 1

Part Number : iAN263-L5G-B3M	Revision : A
Name: Antenna	Customer :

(一). 1PCS/per Bag

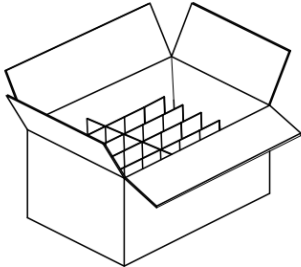


(二) .The honeycomb tray is loaded into the master carton.

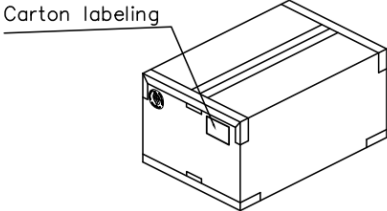


Bubble bag
Tray
Carton
OTT-K-XXXXX

(三), Each honeycomb contains 1pcs of product.



(四) . Each box contains 16PCS of products.



Carton labeling

1,There are one layers in total, 16PCS per carton. Baffle plate and bubble bag should be placed in the bottom and top.

2,The side of the master carton is pasted with environmental protection label and outer box label.

APPROVED BY: _____ CHECKED BY: _____ DESIGNED BY: _____

10. iAN263-L5G-B3M Cable Specification



WWW.SUIRONGCABLE.COM

深圳市穗榕同轴电缆科技有限公司

S.R Code: 18040705

R-CB-LMR-200 Coaxial Cable Specification

(LMR-200 同轴电缆规格书)

Type of coaxial cable: LMR-200		
Legend:		
LMR-200: 1.Inner conductor 内导体 2. Insulation 电缆芯线 3.Outer conductor 外导体 4. Jacket 护套		
Main Electrical properties:		
Characteristic impedance	阻抗	50±2Ohm
Rated capacitance	电容	78±2 pF/m
Velocity	速比	81%
Operating frequency	工作频率	10~3000MHz
Attenuation at typical frequencies: (dB/m) Remarks: We confirmed that typical frequencies can be up to 6000MHz		
400MHz	900 MHz	1500 MHz
0.220	0.341	0.450
2100MHz	3000MHz	
0.551	0.639	
VSWR 10~3000MHz	电压驻波比	1.30Max.
Mechanical Construction:		
Inner conductor: BC	裸铜线	1.12±0.005mm
Dielectric: foam PE	绝缘 FPE	2.95±0.10mm
Outer conductor: APA+TC	铝塑复合箔+镀锡铜线	3.70±0.12mm (16*6/0.12mm)
Jacket : PVC Black	护套黑色 PVC	5.0±0.10mm
Engineering data:		
Maximum Pull Tension	最大拉拔力	42 lbs
Minimum bending radius	最小弯曲半径	50mm
Operating temperature	工作温度	-25~+70°C
Reel Length	装盘长度	/
jacket-Marking	产品标识	LOW LOSS 200 PVC HYT CABLE MICROWAVE SYSTEM/NFC

SuiRong COAXIAL CABLE Co.,Ltd

WWW.SUIRONGCABLE.COM

制造商:深圳市穗榕同轴电缆科技有限公司

生产地:深圳市龙岗区龙西务地铺清水路清水巷 40 号

Tel: +86-755-28217358 Fax+86-755-28217359

2018-04-07

11. RoHS Test Report

SGS 台灣網站 → http://twap.sgs.com/sgsrsts/chn/cheres_tw.asp
SGS 大陸網站 → http://rsts.cn.sgs.com/chn/cheres_cn.asp
SGS 韓國網站 → http://rohs.kr.sgs.com/sgsrsts/en/cheres_en.asp

請輸入以下報告正確資料及檢查碼以便查核

- 1. 報告編號
- 2. 報告日期 (YYYY/MM/DD)
- 3. 產品名稱 (輸入前 10 個字不含空白)
- 4. 圖示檢查碼 (依指示畫面)

物料中HSF對象物質含量調查表

物料名稱：iAN263-L5G-B3M

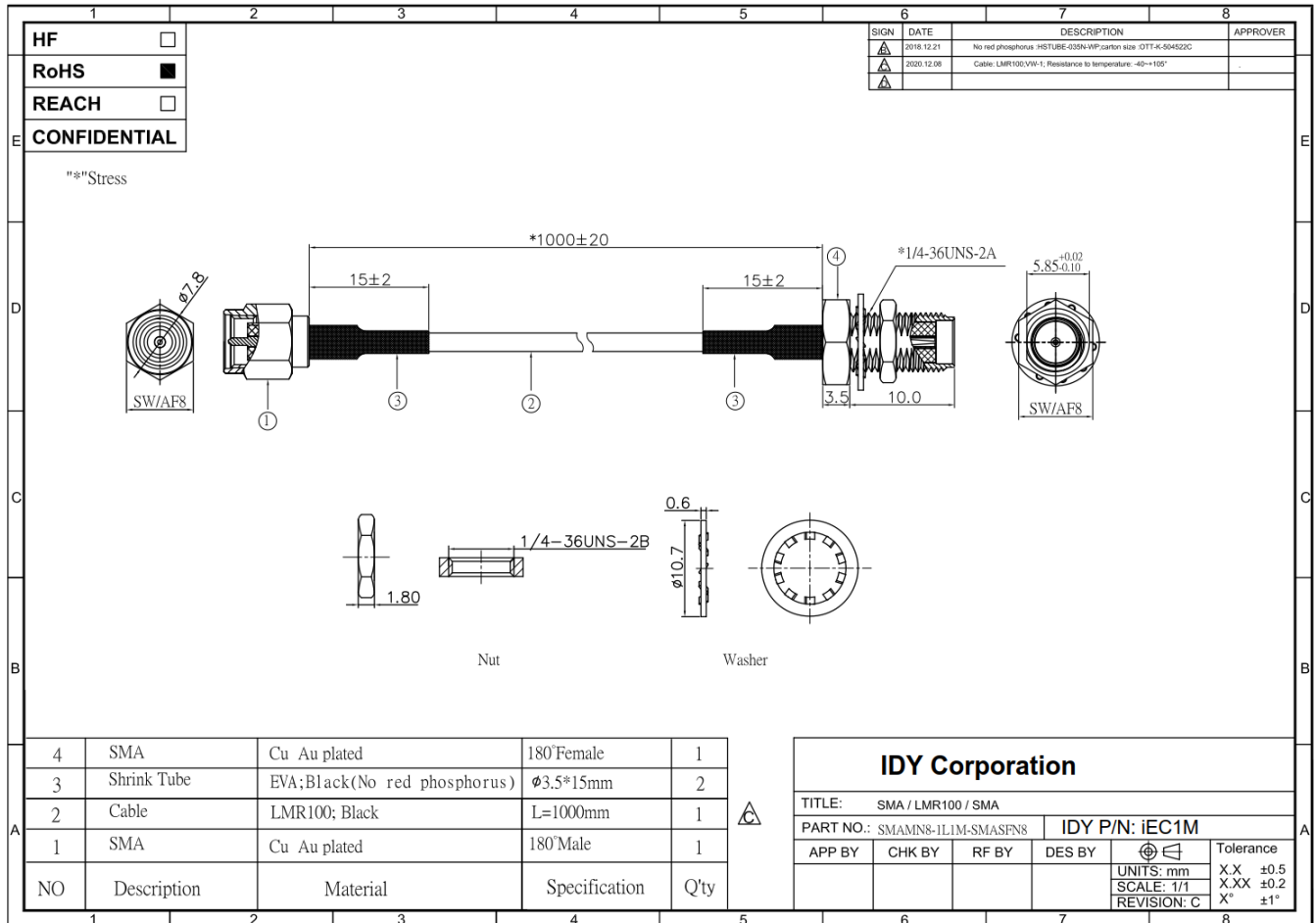
序號	物料型號	物料各構成名稱	各構成物料的材料	測試報告裡RoHS對應物質測試結果										檢測報告編號	測試日期	測試名稱	測試機構名稱
				Cd	Pb	Hg	Cr(VI)	PBBs	PBDEs	DBP	BBP	DIBP	DEHP				
1	DF06-SG-01B-A	Plastic Cover	PC N4010	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	A2250063693101002E	2025.02.13	PC	CTI
2	SXQ-M16	Body	PA66	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	A2250213123101001C	2025.04.09	PA66	SGS
3	GS-DF06-01ME	The back glue	3M	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	SHAEC25000170802	2025.01.09	3M 9448A	SGS
4	R-HSTUBE-10N-H	SHTUBE	EVA	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	CANEC25012572003	2025.06.05	HEAT SHRINKABLE TUBING	SGS
5	R-HSTUBE-06W	SHTUBE	EVA	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	CANEC25004870929	2025.03.21	HEAT SHRINKABLE	SGS
6	R-HSTUBE-06Y	SHTUBE	EVA	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	CANEC25004870947	2025.03.21	HEAT SHRINKABLE	SGS
7	PB-AN13N-04FB	PCB	FR4	N.D.	17	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	CANEC24019790709	2024.09.14	4.0 CCL&insulating board	SGS
8	R-SMA-RU-640	O-Ring	硅橡膠	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	CANPC25003658403	2025.03.07	silicone rubber	SGS
9	SCR-M4-07160-02CM	Screw	SUS304	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	CANEC25002371503_1	2025.03.03	Stainless steel wire	SGS
10	SMA010-CGT558-A	SMA Male	銅	43	28146	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	CANPC25009215005	2025.04.30	Brass rod (C3604)	SGS
11			鍍金	N.D.	87	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	SZXEC25002063401	2025.06.16	Gold plating	SGS
12			PTFE	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	TAOPC24009783803	2024.12.13	TFE MOLDING POWDER	SGS
13	LMR200	Cable	PVC	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	SZXEC25001785002	2025.05.28	PVC 膠粒 紅色 白色 黑色	SGS
14			PE	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	CANEC24022240617	2024.10.22	PE	SGS
15			裸銅	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	SZXEC25000424913	2025.02.27	Copper wire	SGS
16			鍍錫銅	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	SZXEC25000424905	2025.02.27	Tinned copper wire	SGS
17			AL	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	NGBEC25000789619	2025.02.21	aluminium polyester foil	SGS

根據測試報告如實填寫鉛、鎘、汞、六價鉻、PBBs和PBDEs六項禁用物質的含量
包裝材料中鉛、鎘、汞、六價鉻總含量不超過100ppm，鎘的允許濃度為5ppm
歐盟ROHS指令豁免條款2015/863/EU、鋼中合金元素中的鉛含量達0.35%、鉛含量達0.4%、銅合金中的鉛含量達4%

12. Appendix

■ 1m 延長ケーブル (Option) iEC1M 仕様

<iEC1M Mechanical Drawings>



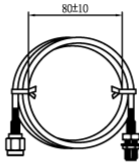
<iEC1M Packaging Specification>

Product packaging specification

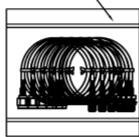
Date : 2023.07.07 page: 1 of 1

P/N : SMAMN8-1L1M-SMASFN8	Model : iEC1M	Edition :D
Product Name :Coaxial Cable		Customer : ALL

一



二



5PCS / BAG

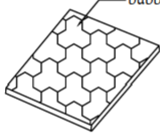
三

SIDE



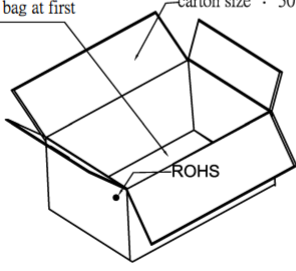
Put a ROHS label on the side of master carton, fill in the product part number, quantity, net weight and gross weight.

四



五

Put the bubble bag at first

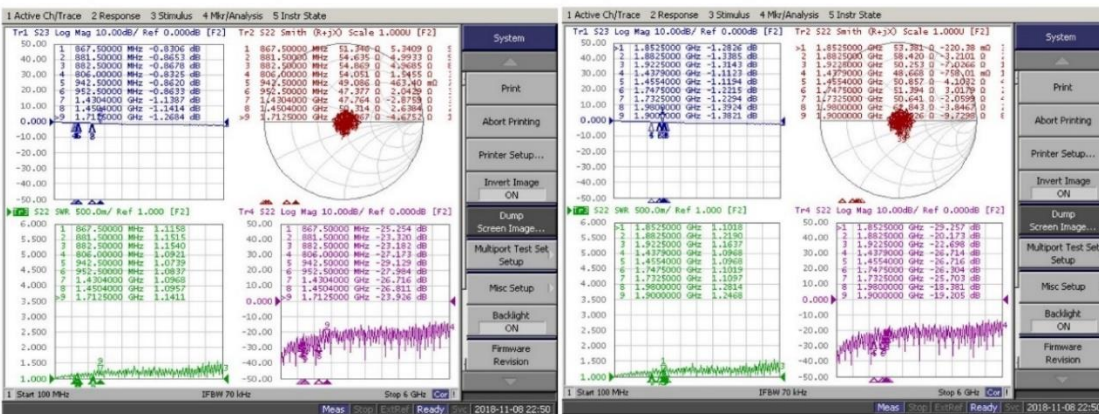
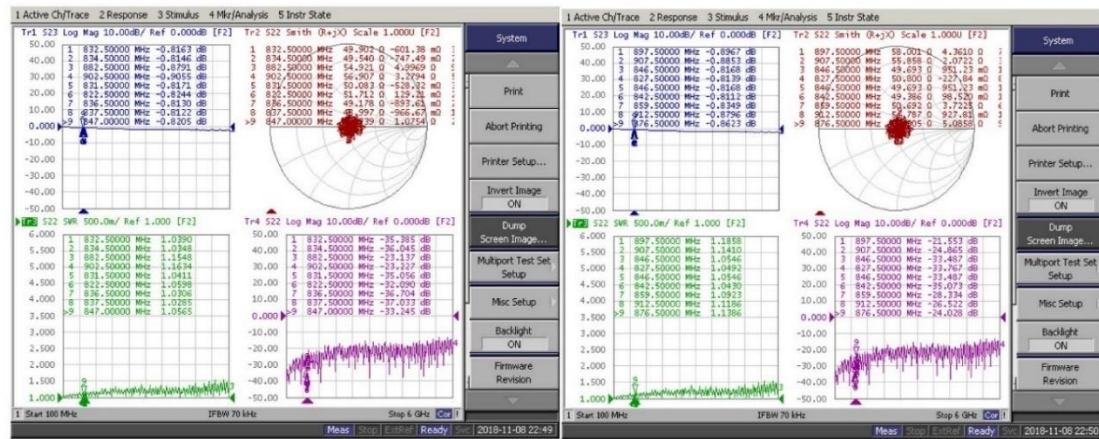
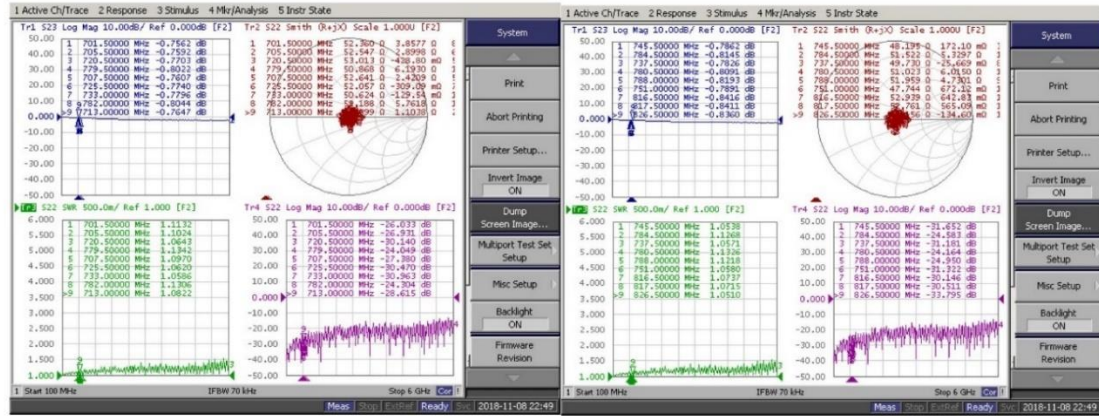


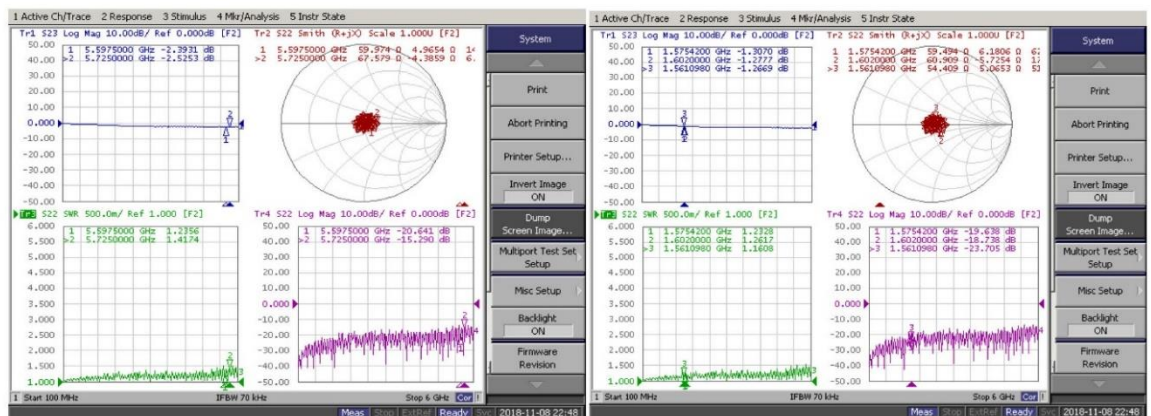
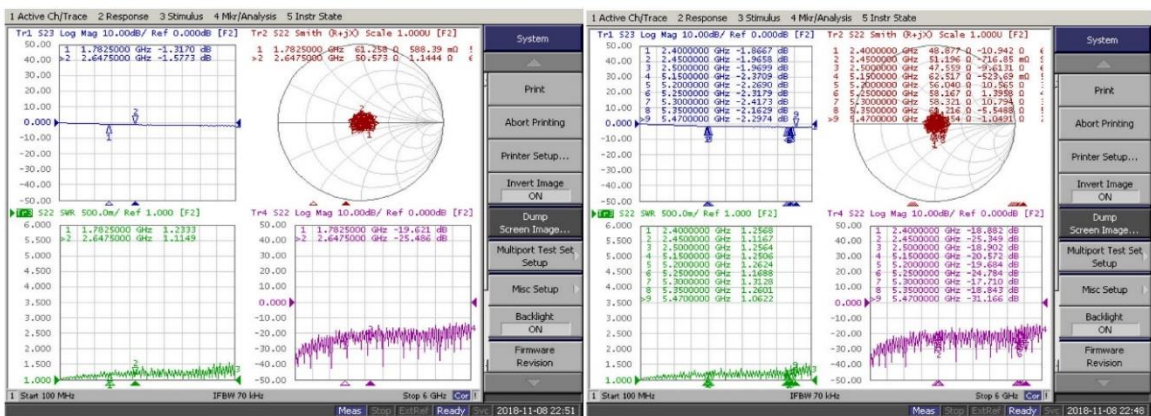
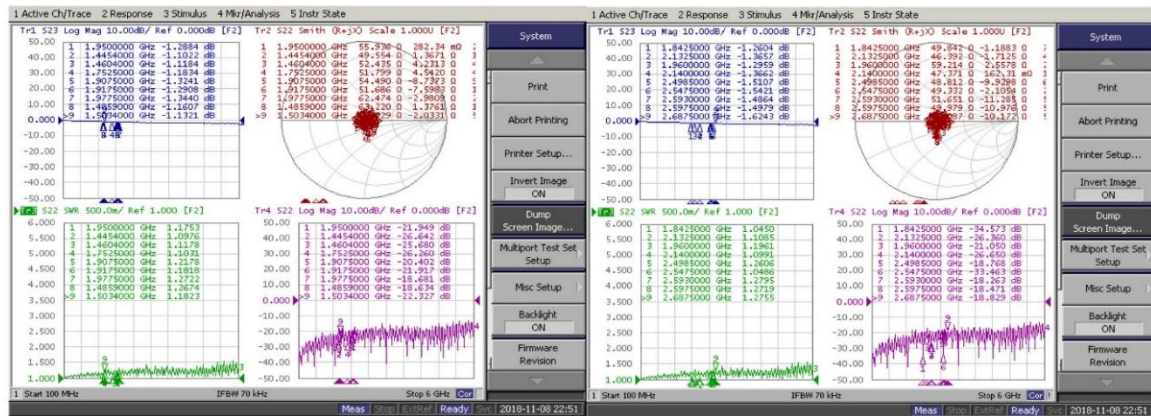
carton size : 50*45*22CM

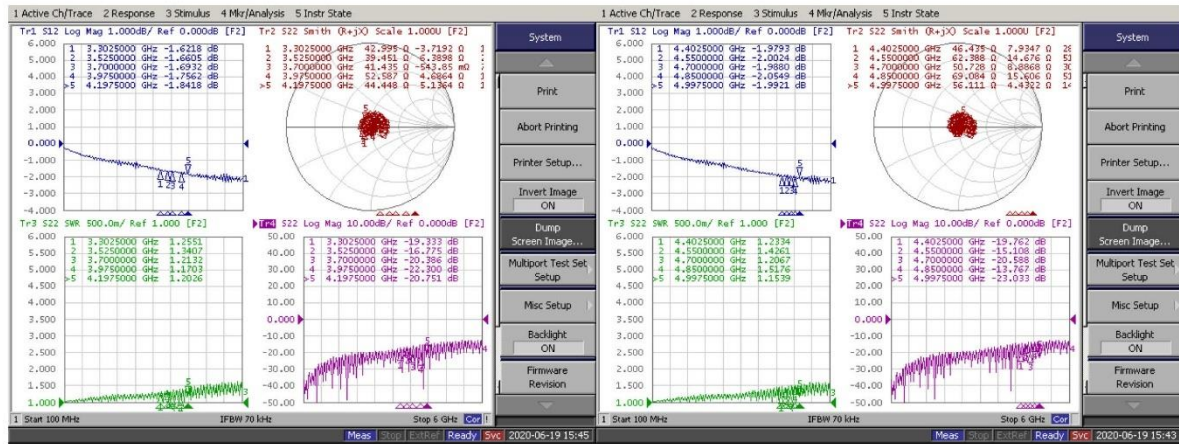
500PCS / CARTON

APPROVED BY : _____ CHECKED BY : _____ DESIDNED BY : _____

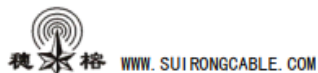
<IEC1M Test Data>







<IEC1M Cable Specification>



深圳市穗榕同轴电缆科技有限公司

S.R Code:SR18070201

LMR-100 Coaxial Cable Specification

(LMR-100 同轴电缆规格书)

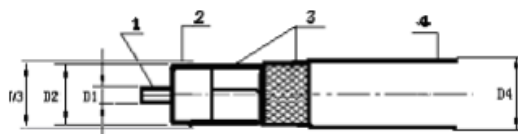
Reference standard:MIL-C-17G Black

Type of coaxial cable: LMR-100, RoHS compliance

Legend:

LMR-100

- 1.Inner conductor 内导体
2. Dielectric: 绝缘
- 3.Outer conductor 外导体
4. Jacket White 护套



Main Electrical properties:

Characteristic impedance	阻抗	50±2Ohm
Rated capacitance	电容	100±2 pf/m
Velocity	速比	66%
Delay	延时	4.90ns/m
Operating frequency	工作频率	1~6000MHz
Attenuation at typical frequencies: (dB/ m)		
100MHz	400MHz	900MHz
0.19	0.48	0.74
1800MHz	2400MHz	3000MHz
1.08	1.25	1.48
VSWR 1~3000MHz	电压驻波比	1.30 Max.

Mechanical Construction:

Inner conductor: BC	裸铜线	0.46±0.01mm
Dielectric:PE	绝缘 PE	1.52±0.03mm
Outer conductor: AP+TC (※)	铝箔+镀锡铜线	2.04±0.05mm (16*5/0.10mm)
Jacket :PVC	护套阻燃黑色 PVC (防火等级: VW-1)	2.80±0.10mm

※ TC-- tinned copper

Engineering data:

Maximum Pull Tension	最大拉拔力	38 lbs
Minimum bending radius	最小弯曲半径	27mm
Operating temperature	工作温度	-40~+105°C
Reel Length	装盘长度	
jacket-Marking	产品标识	LOW LOSS 100 VW-1 PVC COAXIAL CABLE HYT MICROWAVE SYSTEM/NFC

SuiRong COAXIAL CABLE Co.,Ltd

制造商:深圳市穗榕同轴电缆科技有限公司
生产地:深圳市龙岗区务地铺清水路清水巷

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Tel: +86-755-28217358 Fax+86-755-28217359

2018-07-02

<IEC1M RoHS Test>

SGS TaiBei Network---http://twap.sgs.com/sgsrsts/chn/cheres_tw.asp

SGS Mainland Network---http://rsts.cn.sgs.com/zh-cn/cheres_cn.asp

SGS Korea S. Network---http://rohs.kr.sgs.com/sgsrsts/en/cheres_en.asp

PLS fill out the correct data for search

1.Report Number

2.Report Date(YYYY/MM/DD)

3.Product Name(Input the first 10 figures. Do not include the blank)

4.The graphic presentation checking yard

HSF Datasheet

Part Number : SMAMN8-IL1M-SMASFN8 IDY P/N: IEC1M

Num ber	Detail Part Number	Detail Name	Material	RoHS Test Results										Report Number	Test Date	Test Name	Test Locale
				Cd	Pb	Hg	Cr(VI)	PBBs	PBDEs	DBP	BBP	DIBP	DEHP				
1	SMA	180°Male 180°Female	CU	N.D.	29790	N.D.	Negative	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	AZT032106150008C-011	2021.07.05	C3604	AZT
			Au Plated	N.D.	31	N.D.	N.D.							SZXEC2101871802	2021.06.28	銅車件電鍍金	SGS
			PTFE	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	A2200357261101001	2020.10.17	PTFE plastics	CTI
2	LMR100	Cable	PVC	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	CANEC2020811102	2020.11.27	PVC Black	SGS
			PE	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	CANEC2022021108	2020.12.18	HDPE	SGS
			AL	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	YCCT332020060601RZ2	2020.06.06	铝箔聚酯膜麦拉带	YCCT
			BCU	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	TSNEC2002256101	2020.11.30	ELECTRICIAN	SGS
			TCU	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	C210301069002-0	2021.03.05	鍍锡线0.15	CPST
3	HSTUBE-035N-WP	Shrink Tub	EVA	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	CANEC2022443601	2020.12.22	HEAT SHRINKABLE TUBING	SGS

PLS refer the SGS report, fill out the content of Pb, Cd, Hg, Cr6+, PBBs, PBDEs

The content of Pb, Cd, Hg, Cr6+, PBBs, PBDEs is less than 100 ppm in the package. The content of Cd is less than 5 ppm.

According to the EU ROHS directive exemption clause 2015/863/EU Lead as an alloying element in steel containing up to 0,35 % aluminium containing up to 0,4% copper alloy containing up to 4%

■ 12m 延長ケーブル(Option) iEC12M 仕様

Product Number: iEC12M
Product Name: Coaxial Cable

Specification For Approval

Date: 2021 / 09 / 13

File No.: 210802001

Version: 1.2

IDY P/N : iEC12M

R/N : SMAMN8-2L12M-SMASFN8

Description : Coaxial Cable

Checked By:

Approved By:

Product Number: iEC12M
Product Name: Coaxial Cable

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Product Number: iEC12M
Product Name: Coaxial Cable

1. Revision History

Revision	Date	Change Notification	Description
1.0	2020.09.25	Issued	
1.1	2021.08.02	Added Data	Increased the measurement frequency.
1.2	2021.09.13	Changed Packaging Specifications	The packaging specifications have been changed to the English version.

Product Number: iEC12M
Product Name: Coaxial Cable

2. Specification

Sample Photo	
	
A. Electrical Characteristics	
Frequency	701~713MHz / 745~826 MHz 832~847MHz / 876~897MHz 867~1712MHz / 1852~1900MHz 1445~1977MHz / 1842~2687MHz 1782~2647MHz / 2400~5470MHz 3302~4197 MHz / 4402~4997 MHz 5597~5725 MHz / 1575~1561MHz
Impedance	50 Ohm
Insertion Loss	>= -4.0 dB @ 701~713MHz >= -4.0 dB @ 745~826 MHz >= -4.2 dB @ 832~847MHz >= -4.2 dB @ 876~897MHz >= -4.2 dB @ 867~952 MHz >= -5.6 dB @ 1430~1712MHz >= -5.5 dB @ 1575~1561MHz >= -6.3 dB @ 1852~1900MHz >= -6.3 dB @ 1445~1977MHz >= -8.0 dB @ 1842~2687MHz >= -7.0 dB @ 1782~2647MHz >= -12 dB @ 2400~5470MHz >= -10 dB @ 3302~4197 MHz >= -12 dB @ 4402~4997 MHz >= -12 dB @ 5597~5725 MHz
Voltage (breakdown)	> 500V
Insulation Resistance	>= 500 M ohm
B. Mechanical Characteristics	
Pull Test of Connector	>= 5Kg
Mating Cycles	> 500

Product Number: iEC12M
Product Name: Coaxial Cable

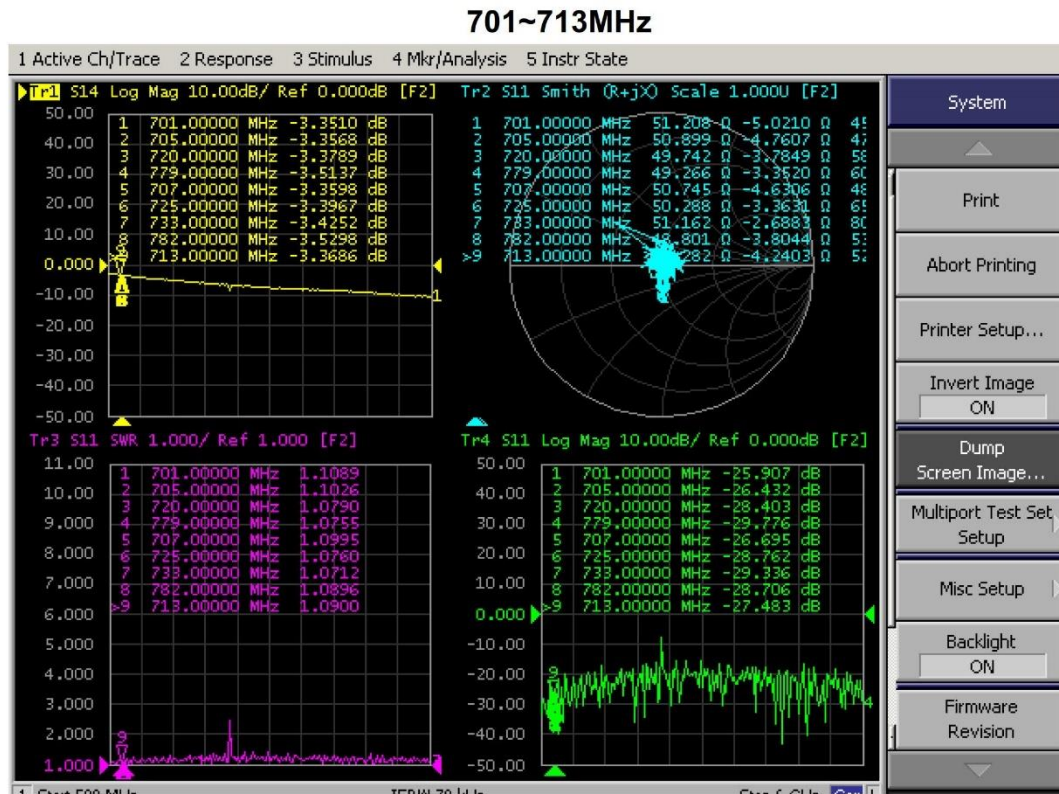
C. Environmental	
Operation Temperature	- 25 °C ~ + 70 °C
Storage Temperature	- 30 °C ~ + 80 °C

3. Characteristics and Reliability Test

Test Items		Test Condition and Procedure	Requirements	Result
C1	V.S.W.R.	Set DUT on Network Analyzer; make individual calibration to test	Directive DUT specification	PASS
C2	Insertion Loss	Set DUT on Network Analyzer; make individual calibration to test	Directive DUT specification	PASS
M4	Pull Test	Holding with individual specification; force applied to axis of terminal.	1. Directive DUT specification 2. Frequency Tol. ≤ 5%	PASS
M6	Dimension	Inspection of dimension, color, material, package, surface process.	Directive DUT specification	PASS
E2	Salt Spray	GB / T 2423.17-2008 Temp: 35°C; RH: ≥ 95%; NaCl solution: ≥ 5%; Time: 24H	1. No Visual Damage 2. Frequency Tol. ≤ 5%	PASS
E3	Temperature and Humidity Chamber	GB / T 2423.3-2006 Temp: 80°C / 12 H; -40°C / 12H RH: ≥ 90%; Time: 24H	After 2 Hours Recovery 1. No Visual Damage 2. Frequency Tol. ≤ 5%	PASS
E5	Aging test	GB / T 2423.2 - 2008 Temp: 80°C; Time: 24 hours	After 2 Hours Recovery 1. No Visual Damage 2. Frequency Tol. ≤ 5%	PASS
R1	RoHS	With Reference to IEC 62321:2008 with flow chart	Directive RoHS 2015/863/EU	PASS

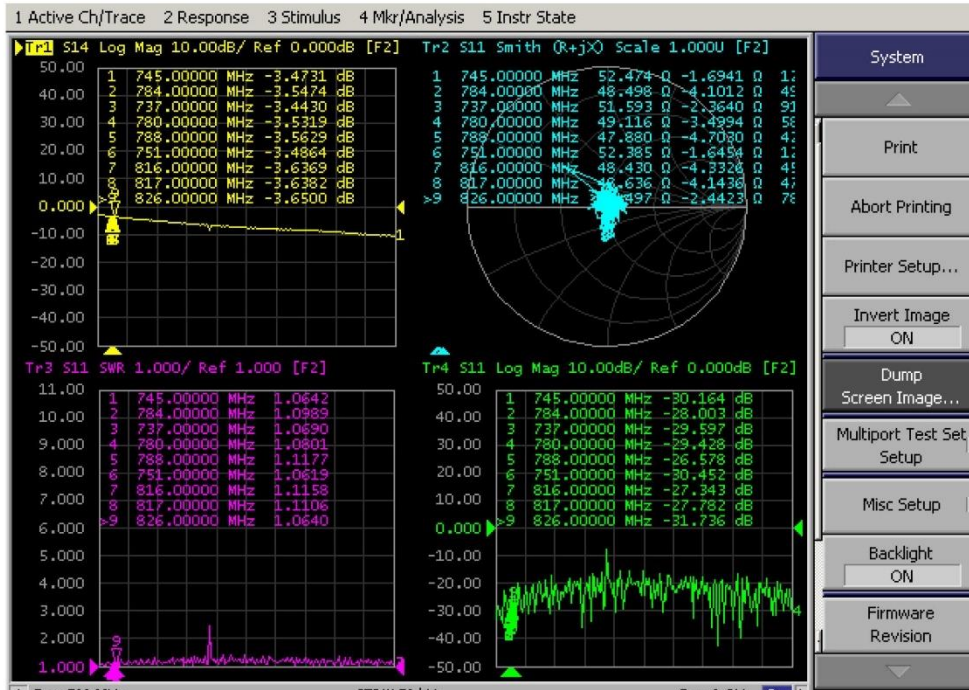
Product Number: iEC12M
Product Name: Coaxial Cable

4. S Parameter Test Data

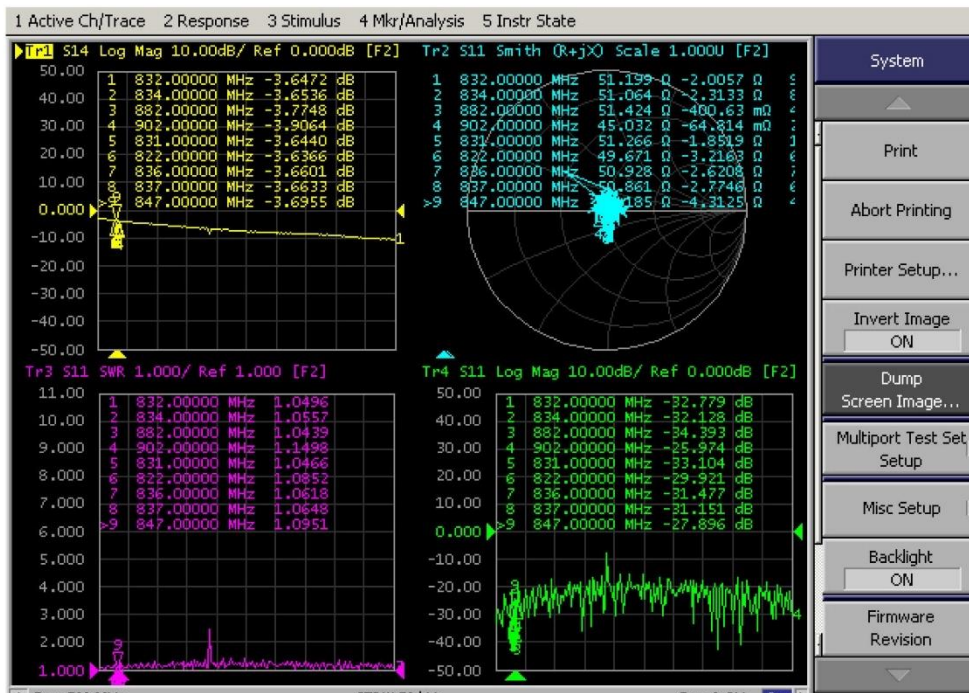


Product Number: iEC12M
Product Name: Coaxial Cable

745~826MHz

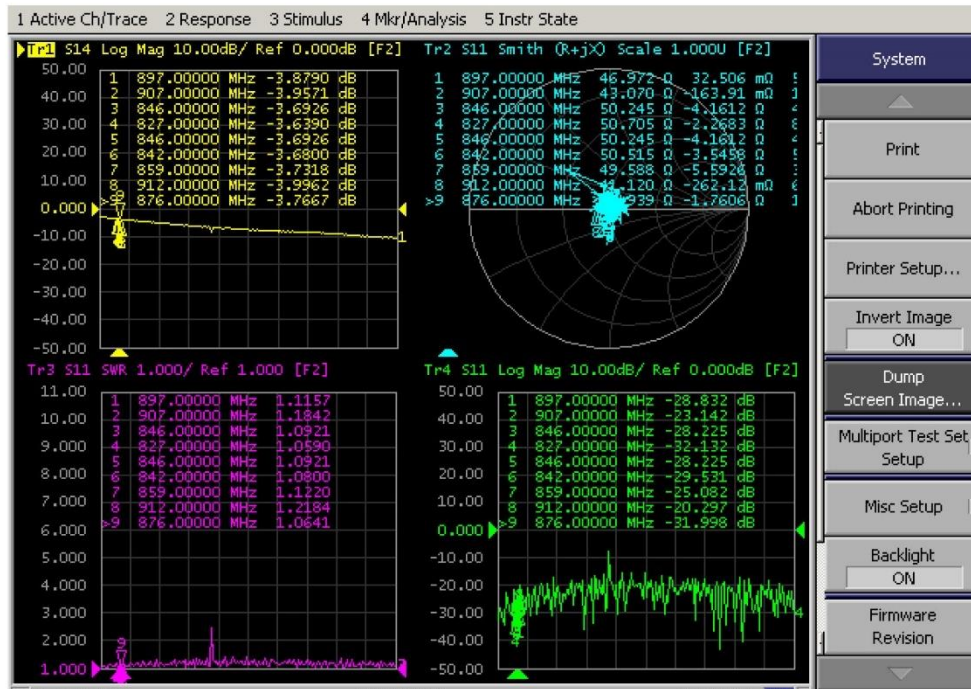


832~847MHz

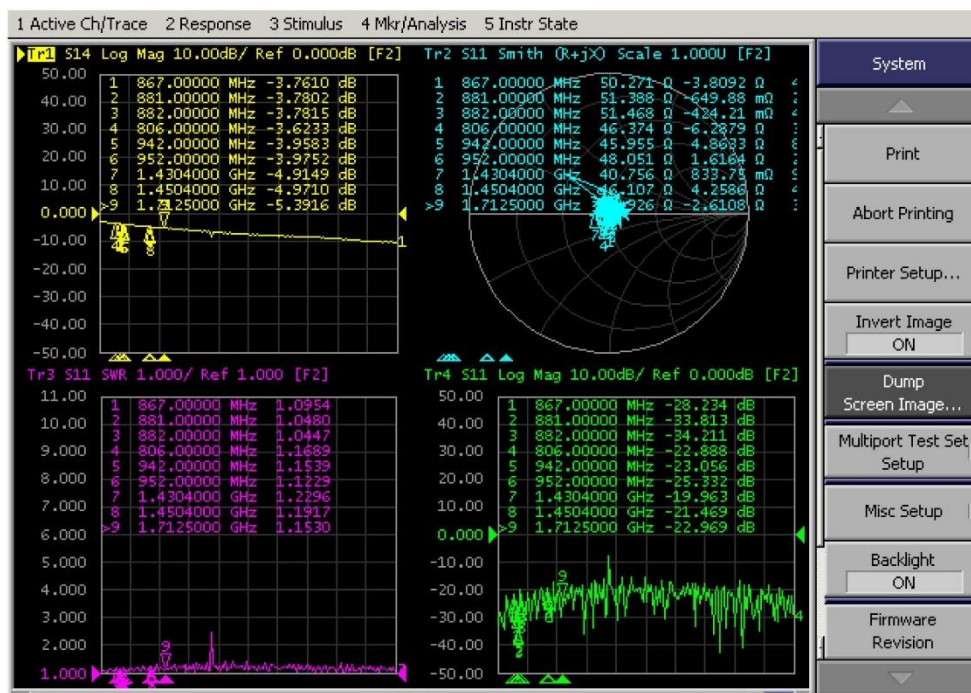


Product Number: iEC12M
Product Name: Coaxial Cable

876~897MHz

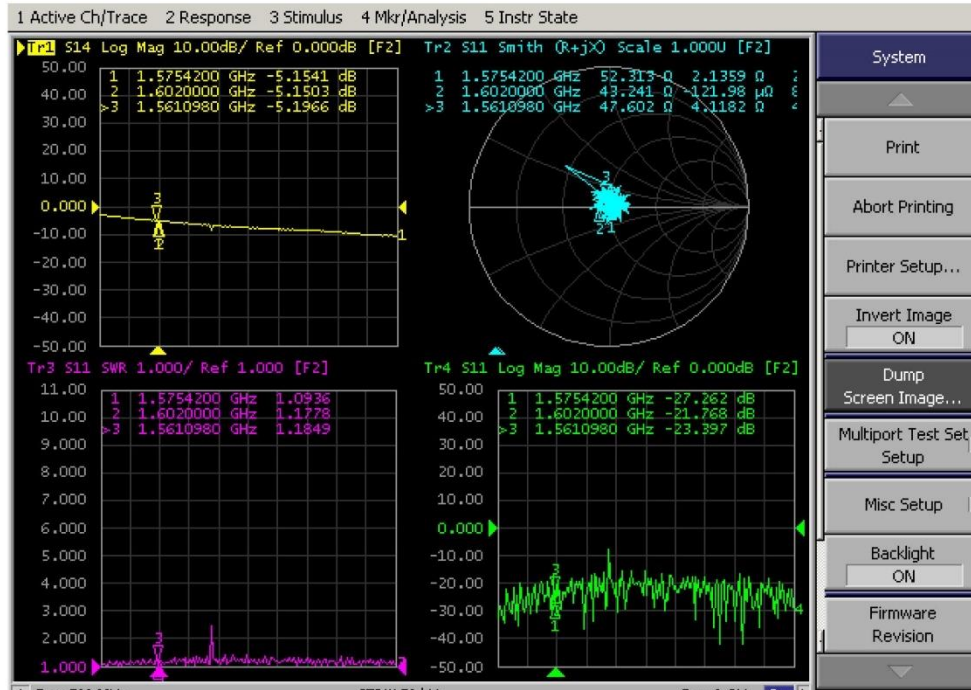


867~1712MHz

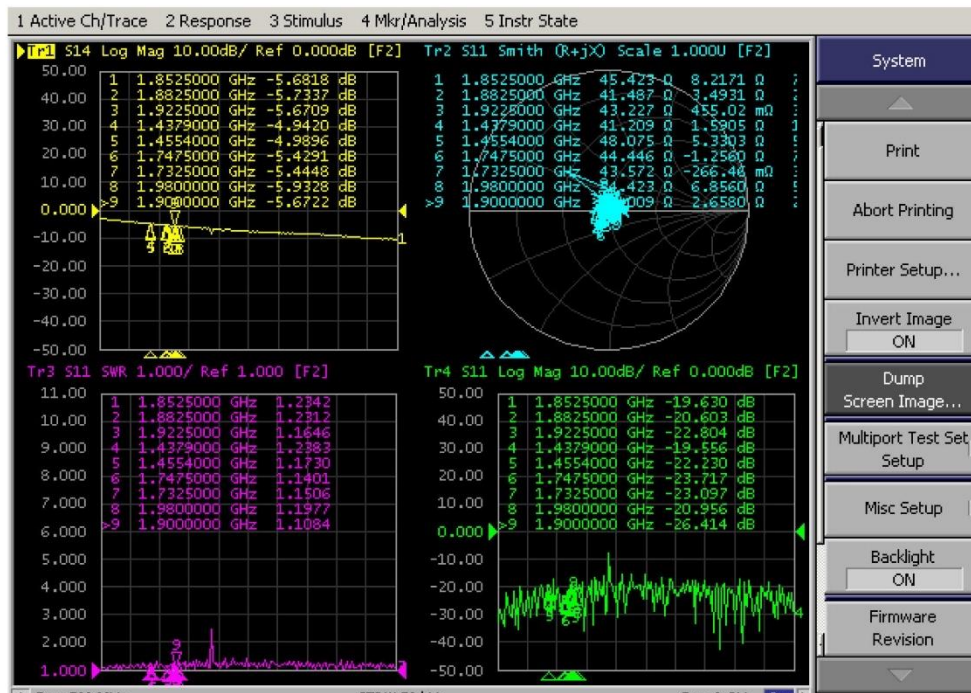


Product Number: iEC12M
Product Name: Coaxial Cable

1575~1561MHz

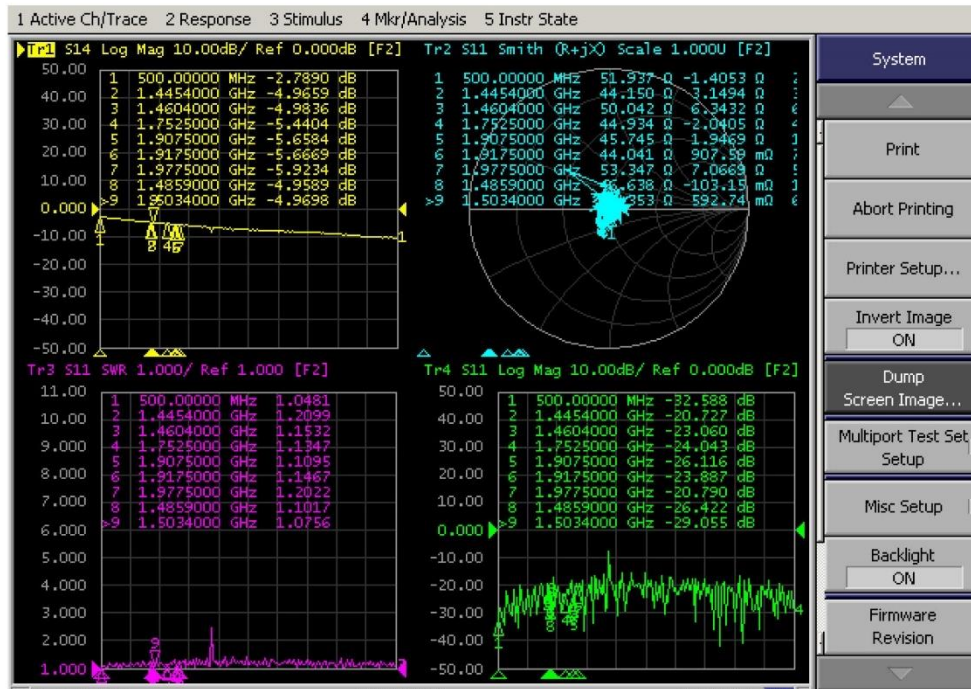


1852~1900MHz

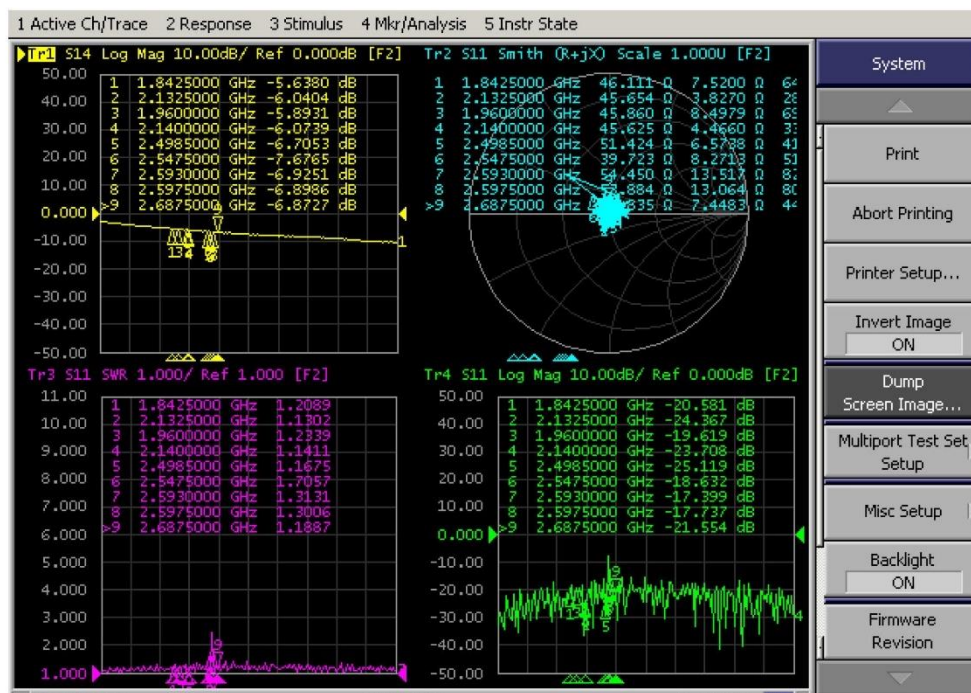


Product Number: iEC12M
Product Name: Coaxial Cable

1445~1977MHz

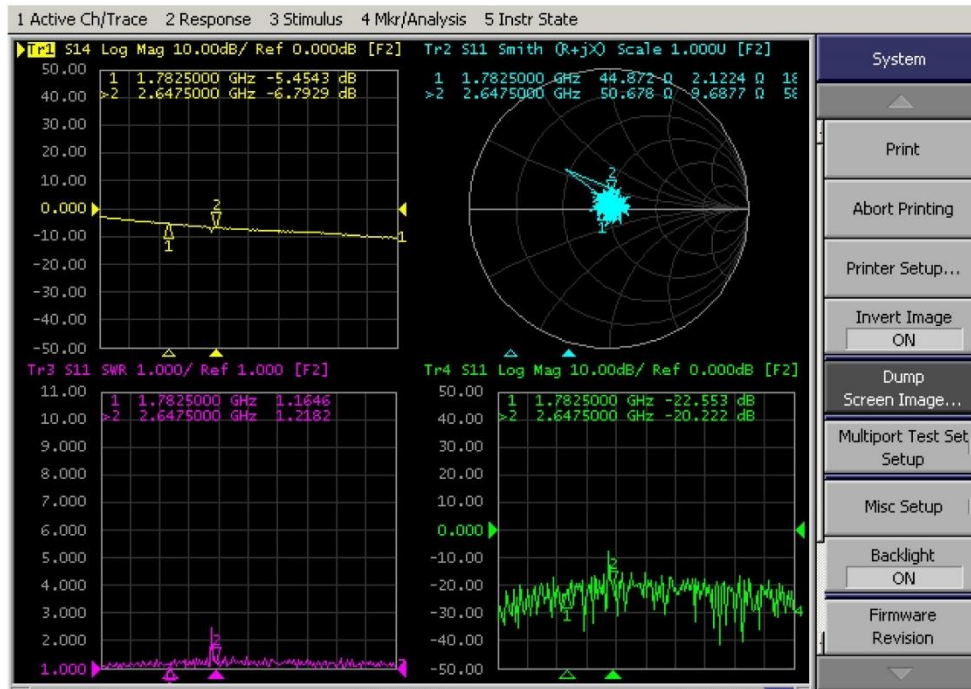


1842~2687MHz

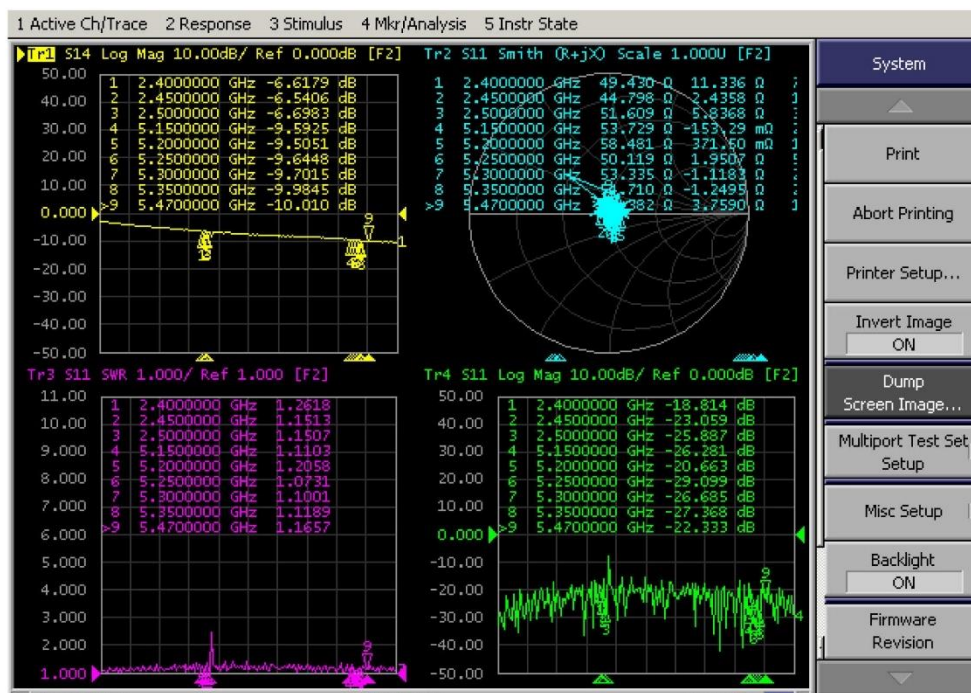


Product Number: iEC12M
Product Name: Coaxial Cable

1782~2647MHz

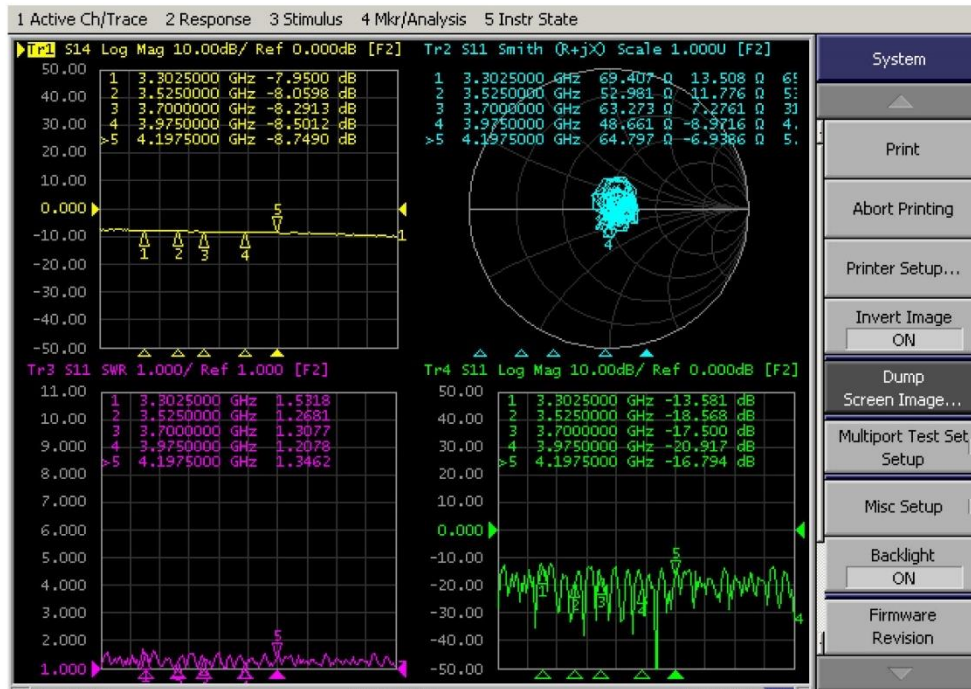


2400~5470MHz

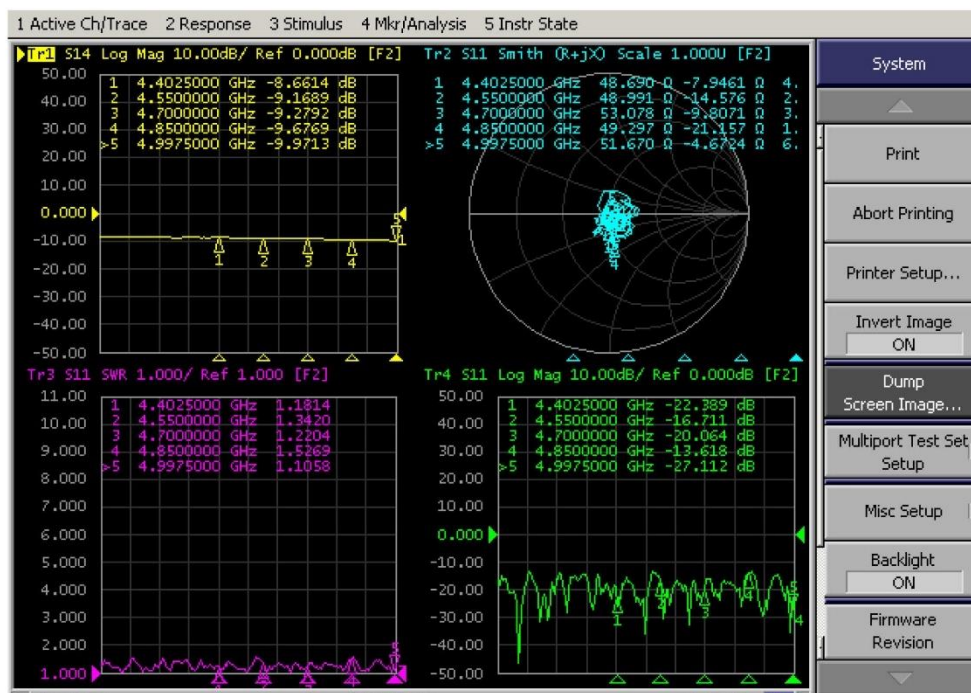


Product Number: iEC12M
Product Name: Coaxial Cable

3302~4197 MHz

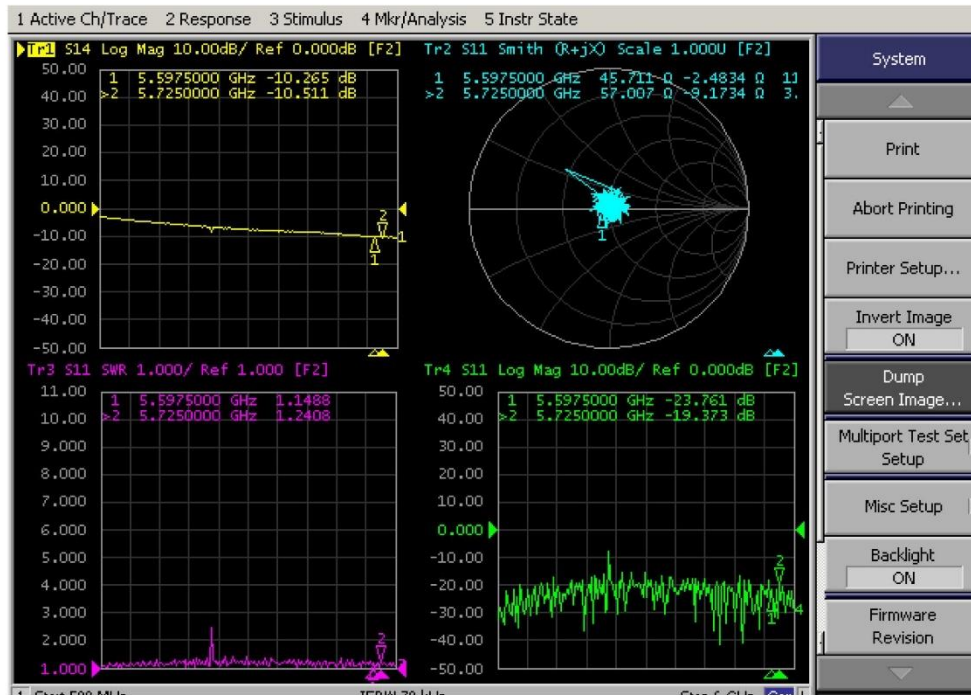


4402~4997 MHz

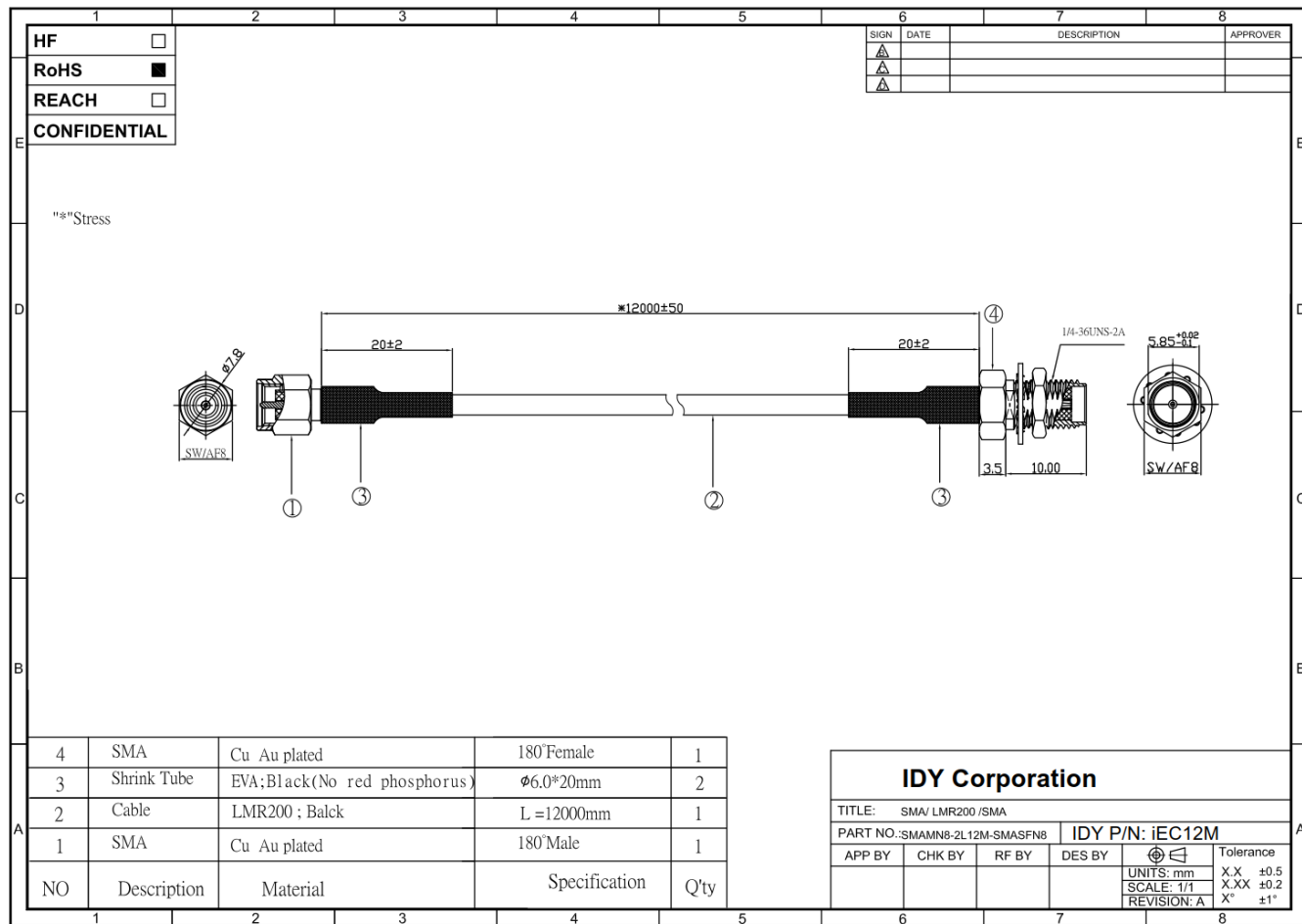


Product Number: iEC12M
Product Name: Coaxial Cable

5597~5725MHz



<IEC12M Mechanical Drawings>



<IEC12M Packaging Specification>

Product packaging specification

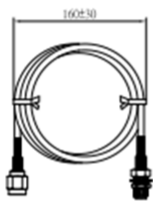
Date : 2021.08.05

IDY P/N: IEC12M

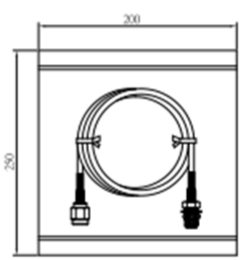
page: 1 of 1

Product NO : SMAMN8-2L12M-SMASFN8		Edition : A
Product Name :Coaxial Cable		Customer : ALL

1.



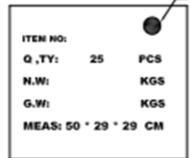
2.



1 PCS / BAG

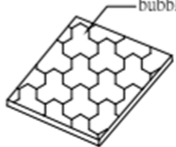
3.

SIDE



ROHS

4.



bubble bag

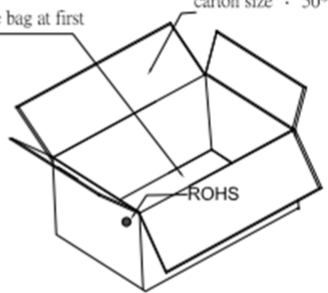
Put a ROHS label on the side of master carton,
fill in the product part number, quantity, net weight and gross weight.

FRONT



5.

Put the bubble bag at first



carton size : 50*29*29CM

ROHS

25PCS / CARTON

APPROVED BY : _____ CHECKED BY : _____ DESIDNED BY : _____

<IEC12M Cable Specification>



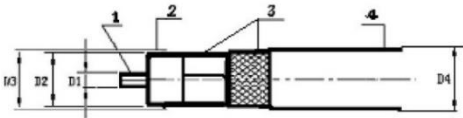
WWW.SUIRONGCABLE.COM

深圳市穗榕同轴电缆科技有限公司

S.R Code: 18040705

R-CB-LMR-200 Coaxial Cable Specification

(LMR-200 同轴电缆规格书)

Type of coaxial cable: LMR-200				
Legend:				
LMR-200:				
1.Inner conductor 内导体				
2. Insulation 电缆芯线				
3.Outer conductor 外导体				
4. Jacket 护套				
Main Electrical properties:				
Characteristic impedance		阻抗	50±2Ohm	
Rated capacitance		电容	78±2 pF/m	
Velocity		速比	81%	
Operating frequency		工作频率	10~3000MHz	
Attenuation at typical frequencies: (dB/m) Remarks: We confirmed that typical frequencies can be up to 6000MHz				
400MHz	900 MHz	1500 MHz	2100MHz	3000MHz
0.220	0.341	0.450	0.551	0.639
VSWR 10~3000MHz		电压驻波比	1.30Max.	
Mechanical Construction:				
Inner conductor: BC		裸铜线	1.12±0.005mm	
Dielectric:foam PE		绝缘 FPE	2.95±0.10mm	
Outer conductor: APA+TC		铝塑覆合箔+镀锡铜线	3.70±0.12mm (16*6/0.12mm)	
Jacket : PVC Black		护套黑色 PVC	5.0±0.10mm	
Engineering data:				
Maximum Pull Tension		最大拉拔力	42 lbs	
Minimum bending radius		最小弯曲半径	50mm	
Operating temperature		工作温度	-25~+70°C	
Reel Length		装盘长度	/	
jacket-Marking		产品标识	LOW LOSS 200 PVC HYT CABLE MICROWAVE SYSTEM/NFC	

SuiRong COAXIAL CABLE Co.,Ltd

制造商:深圳市穗榕同轴电缆科技有限公司

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Tel: +86-755-28217358 Fax+86-755-28217359

2018-04-07

<IEC12M RoHS Test>

SGS 台灣網站 → http://twap.sgs.com/sgsrsts/chn/cheres_tw.asp
 SGS 大陸網站 → http://rsts.cn.sgs.com/chn/cheres_cn.asp
 SGS 韓國網站 → http://rohs.kr.sgs.com/sgsrsts/en/cheres_en.asp

請輸入以下報告正確資料及檢查碼以便查核

1. 報告編號
2. 報告日期 (YYYY/MM/DD)
3. 產品名稱 (輸入前 10 個字不含空白)
4. 圖示檢查碼 (依指示畫面)

物料中HSF對象物質含量調查表

填表：	
部門：	
職務：	

物料名稱：SMAMN8-2L12M-SMASFN8 (IEC12M)

序號	物料型號	物料各構成名稱	各構成物料的材質	測試報告裡RoHS2.0對應物質測試結果										檢測報告編號	測試日期	測試名稱	測試機構名稱
				Cd	Pb	Hg	Cr(VI)	PBBs	PBDEs	DBP	BBP	DIBP	DEHP				
1	SMA	180° Female 180° Male	銅	39	32915	N.D.	N.D.							CANML2109847002	2021.06.11	黃銅棒 (C3604)	SGS
			鍍金	N.D.	31	N.D.	N.D.							SZXEC2101871802	2021.06.28	銅車件電鍍金	SGS
2	LMR200	Cable	PVC	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	CANEC2020811102	2020.11.27	PVC Black	SGS
			PE	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	CANEC2022021108	2020.12.18	HDPE	SGS
			AL	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	YCCT332020060601RZ2	2020.06.06	鋁箔聚脂膜麥拉帶	YCCT
			裸銅	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	TSNEC2002256101	2020.11.30	ELECTRICIAN	SGS
			鍍錫銅	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	C210301069002-0	2021.03.05	鍍錫線0.15	CPST
3	Shrink Tub	EVA	EVA	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	CANEC2022443601	2020.12.22	HEAT SHRINKABLE TUBING	SGS

根據測試報告如實填寫鉛、鎘、汞、六價鉻、PBBs和PBDEs六項禁用物質的含量

包裝材料中鉛、鎘、汞、六價鉻總含量不超過100ppm，鎘的允許濃度為5ppm

歐盟ROHS指令豁免條款2015/863/EU，鋼中合金元素中的鉛含量達0.35%、鉛含量達0.4%、銅合金中的鉛含量達4%

○ お問い合わせ



株式会社IDY

〒101-0032

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TEL: 03-4400-7970