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Customized

Application result

Customer	Movon
Order	Passive test
Model No.	FMS
APP. Type	Car Audio
Antenna	-

#2-1 report

May 03, 2008

AMOTECH	WRITTEN	CHECKED	APPROVED

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Notes

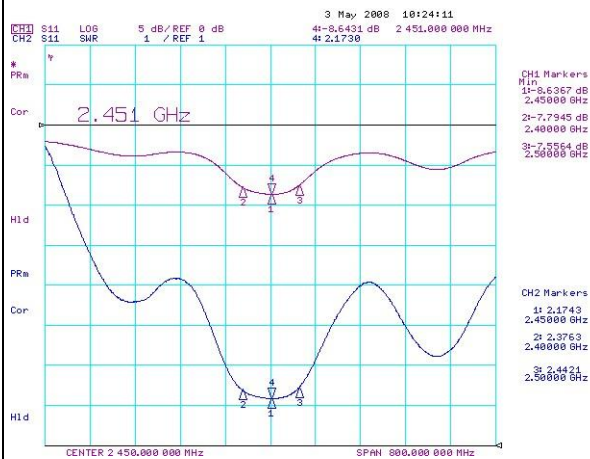
The contents of this data sheet are subject to change without notice. Please confirm the layout on the PCB and the SET conditions when placing your order.

Chip Antenna Test results Sheet

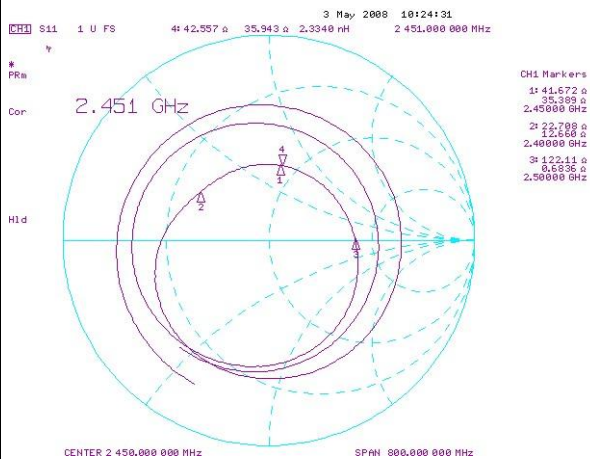
Summary of the antenna test									
Test model condition									
Test No.	Antenna model	Condition							
#2-1									
Radiation gain table of the test (dBi)									
Test No.	Freq (GHz)	Average gain						Total Gain	Eff. (%)
		XY(Z axis)		XZ(Y axis)		YZ(X axis)			
		E	H	E	H	E	H		
#2-1	2.400	-11.03	-19.48	-22.08	-12.41	-19.02	-15.81	-11.93	13.74
	2.450	-11.33	-17.06	-20.55	-11.34	-16.43	-15.60	-11.23	14.74
	2.500	-13.38	-15.20	-20.79	-12.11	-15.09	-15.63	-11.67	18.60
Remark									

Test #2-1

No	Test #2-1
Ant.	—
Series L	—
Shunt C	—



[Fig 1] S11 & SWR

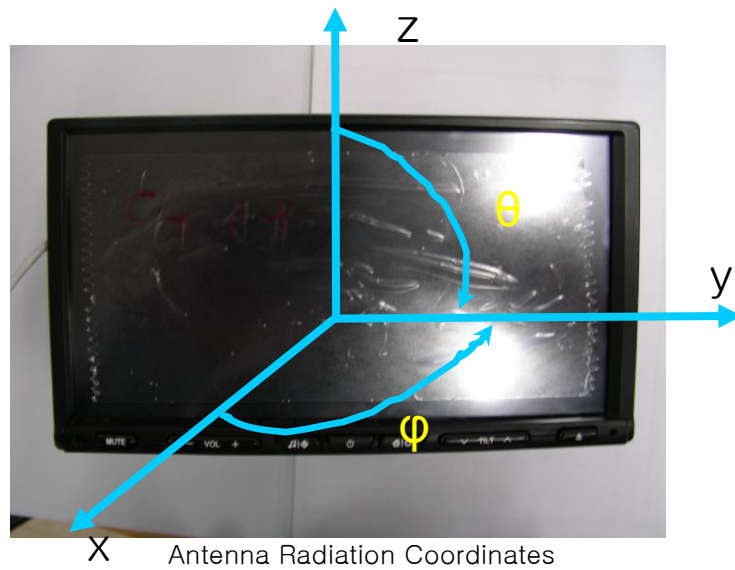


[Fig 2] Smithchart

Remark

—

Radiation pattern test result



Test condition

Parameters	Condition	Unit
Chamber size	8*4*4	m
Temperature	21.5	°C
Humidity	55	%
Absorption rate	-50dB under (over 2,000MHz)	
Measurement	S21 (network Analyzer)	HP8753ES
System software	Midas (Orbit/FR)	Version 3.0

- Unit : dBi
- E_plane (Vertical): roll=0deg. H_plane (Horizontal): roll=90deg.

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