

HyperX (HDT588) Antenna Radiation Report

MERRY Sounds Excellent

*Presented by : Merry_RF
Date : 2024.11*

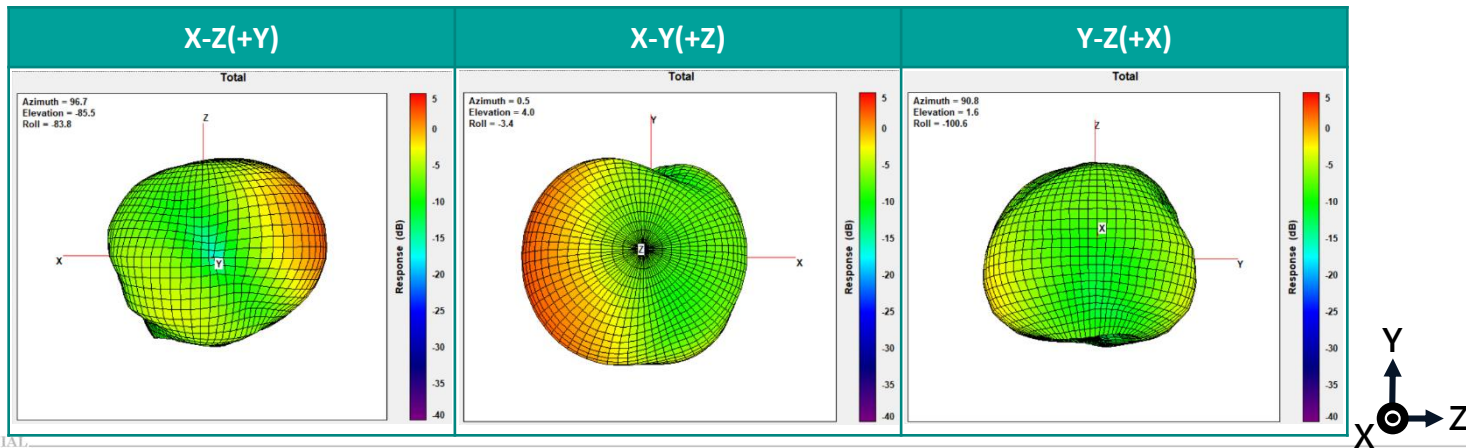
Content

- Test Photo & Setting
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 - Antenna Matching circuit
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	Antenna Brand	Antenna model	Manufacturer address
Headset Ant.Type : Diople	Merry	09D40000000X	NO.22, 23rd road, Taichung Industrial Park, Taichung, 40850 Taiwan, R.O.C.
DAC Ant.Type : Diople	Merry	09D40000000W	NO.22, 23rd road, Taichung Industrial Park, Taichung, 40850 Taiwan, R.O.C

Antenna Efficiency & Gain – DAC

Model	Merry_Dongle_HDT588_3D_Gain_FS_2300-2600MHz_Continuous										
Test / Position	3D Gain / FS										
Frequency	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Peak EIRP (dBm)	3.10	3.02	2.95	2.80	2.73	2.66	2.55	2.54	2.52	2.62	2.65
Directivity (dBi)	5.67	5.57	5.48	5.38	5.31	5.26	5.23	5.28	5.29	5.31	5.31
Efficiency (dB)	-2.57	-2.55	-2.54	-2.58	-2.58	-2.60	-2.68	-2.73	-2.77	-2.69	-2.66
Efficiency (%)	55.34	55.58	55.76	55.15	55.17	54.92	53.91	53.27	52.90	53.79	54.23
Gain (dBi)	3.10	3.02	2.95	2.80	2.73	2.66	2.55	2.54	2.52	2.62	2.65



Thank You

Delivering Fidelity Sound to Enrich Human's Life

