

HyperX Cannon/Jericho/Sugar Glider DVT2 Antenna Radiation Report

MERRY Sounds Excellent

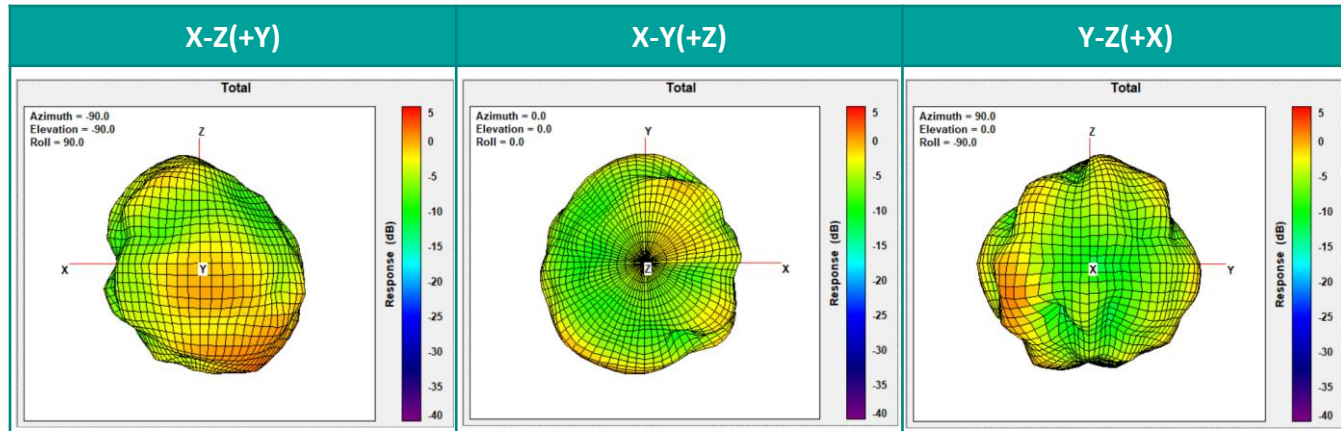
*Presented by : Merry_RF Eden
Date : 2025.12.08*

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- Test Photo & Setting
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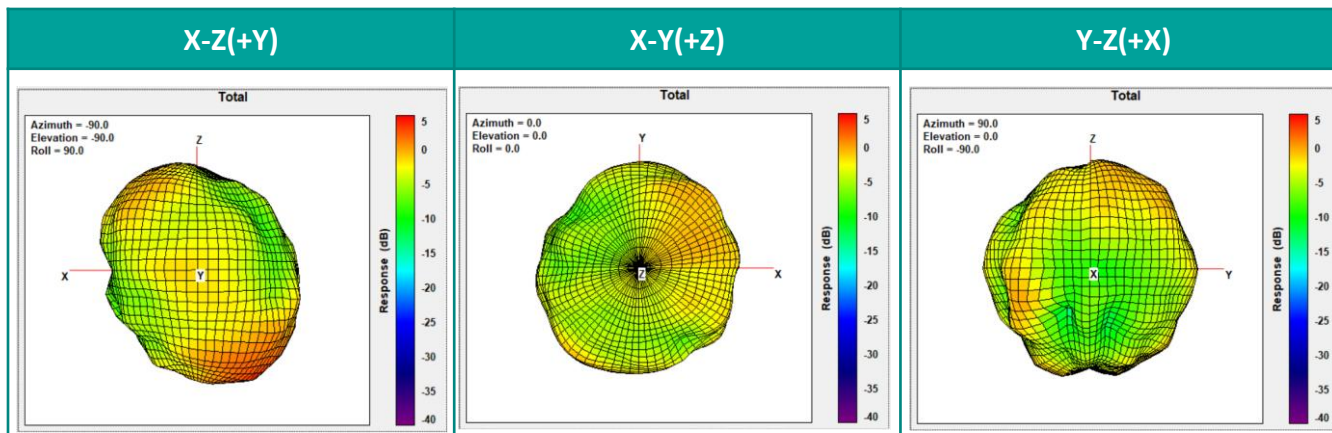
Antenna Efficiency & Gain – Headset_Xbox (Free Space)

Model	<i>Merry_HDT586_HEADSET_2.4G_XBOX_3D_FS_Gain_2300-2600MHz_Continuous</i>										
Test / Position	<i>3D Gain / FS</i>										
Frequency	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Directivity (dBi)	5.79	5.80	5.77	5.67	5.65	5.61	5.57	5.47	5.40	5.30	5.15
Efficiency (dB)	-3.18	-3.19	-3.19	-3.24	-3.23	-3.28	-3.34	-3.40	-3.44	-3.41	-3.40
Efficiency (%)	48.09	47.99	48.02	47.39	47.55	47.04	46.31	45.73	45.29	45.63	45.74
Gain (dBi)	2.61	2.61	2.58	2.42	2.42	2.33	2.23	2.07	1.96	1.89	1.75



Antenna Efficiency & Gain – Headset_PC (Free Space)

Model	<i>Merry_HDT586_HEADSET_2.4G_PC_3D_FS_Gain_2300-2600MHz_Continuous</i>										
Test / Position	<i>3D Gain / FS</i>										
Frequency	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Directivity (dBi)	5.83	5.67	5.47	5.29	5.10	4.93	4.88	4.95	4.96	4.97	4.97
Efficiency (dB)	-2.68	-2.70	-2.72	-2.82	-2.83	-2.92	-3.02	-3.12	-3.19	-3.20	-3.22
Efficiency (%)	53.99	53.68	53.40	52.29	52.11	51.06	49.85	48.79	47.92	47.89	47.66
Gain (dBi)	3.16	2.97	2.75	2.47	2.26	2.01	1.85	1.83	1.77	1.77	1.76



Thank You

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