



TEST AND CALIBRATION DATA

Short Period OBS System

Serial No. T6J72/A4337/5168

DESIGNED AND MANUFACTURED BY:

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DM24 CALIBRATION

WORKS ORDER: 13072

DIGITISER SERIAL NUMBER: A4337

SYSTEM ID: 13072
UNIT ID: 4337
OUTPUT DATA FORMAT: GCF
BAUD RATE: 38400

CPLD: A0.E1
BOOTLOADER: MK3BOOT213.IMG
DSP SOFTWARE: DSP1090.BIN
SYSTEM: DMNET106b57d.IMG

VELOCITY CHANNELS

Channel:	4337Z2	Vertical	2.875 μ V/Count
	4337N2	North/South	2.875 μ V/Count
	4337E2	East/West	2.875 μ V/Count

MASS POSITION CHANNELS

Sample Rate: 4 samples/sec (Default)

Channel:	4337M8	Vertical	291.535 μ V/Count
	4337M9	North/South	291.924 μ V/Count
	4337MA	East/West	292.356 μ V/Count

Sample Rate: 1 samples/sec

Channel:	4337M8	Vertical	2.278 μ V/Count
	4337M9	North/South	2.281 μ V/Count
	4337MA	East/West	2.284 μ V/Count

CAL SIGNAL MONITOR

4337X2	2.874 μ V/Count
4337C2	0.424 μ V/Count

GPS RECEIVER

PWM: 8000 Counts
At Temperature Reading: 23°C

POWER CONSUMPTION

Digitiser Power Consumption
GPS Power Consumption

80mA @ 12v
28mA @ 12v

AUXILIARY CHANNELS

Sample Rate: 4 samples/sec (Default)

Channel:	4337MB	290.998 $\mu\text{V}/\text{Count}$
	4337MC	292.790 $\mu\text{V}/\text{Count}$
	4337MD	291.148 $\mu\text{V}/\text{Count}$
	4337ME	291.191 $\mu\text{V}/\text{Count}$
	4337MF	291.428 $\mu\text{V}/\text{Count}$

Sample Rate: 1 samples/sec

Channel:	4337MB	2.273 $\mu\text{V}/\text{Count}$
	4337MC	2.287 $\mu\text{V}/\text{Count}$
	4337MD	2.275 $\mu\text{V}/\text{Count}$
	4337ME	2.275 $\mu\text{V}/\text{Count}$
	4337MF	2.277 $\mu\text{V}/\text{Count}$

CMG-6TF CALIBRATION SHEET

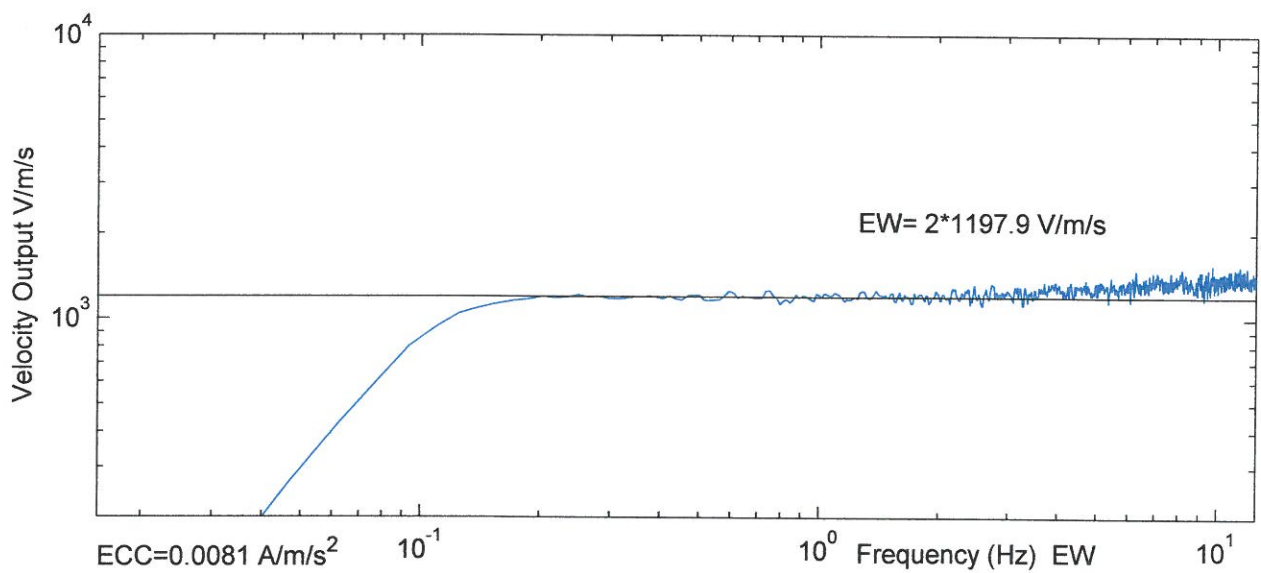
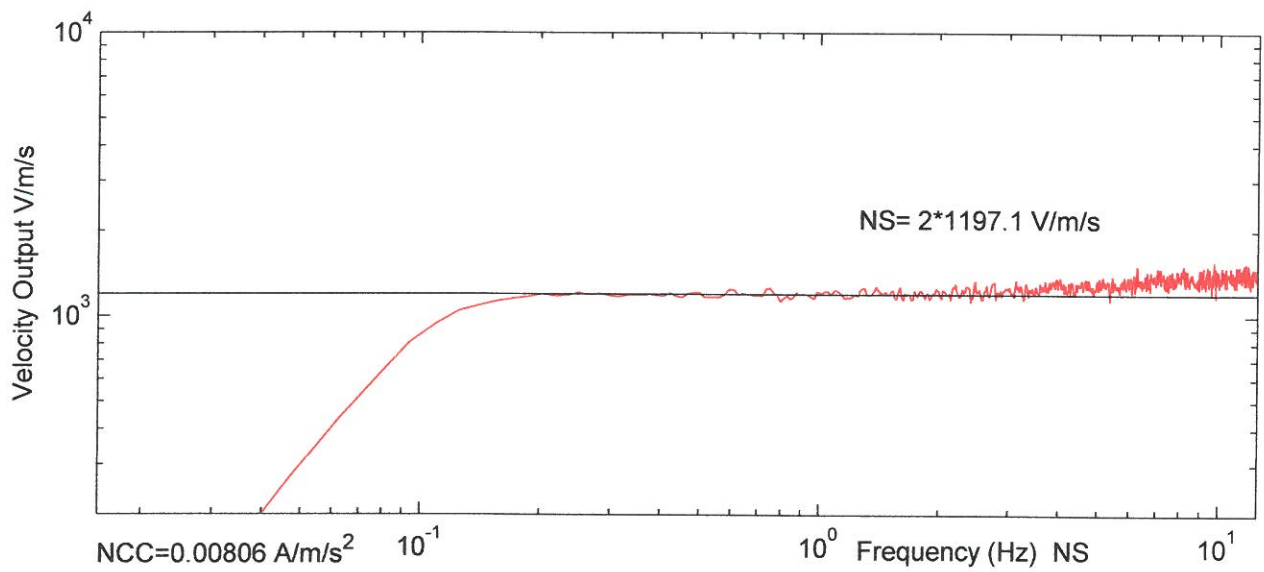
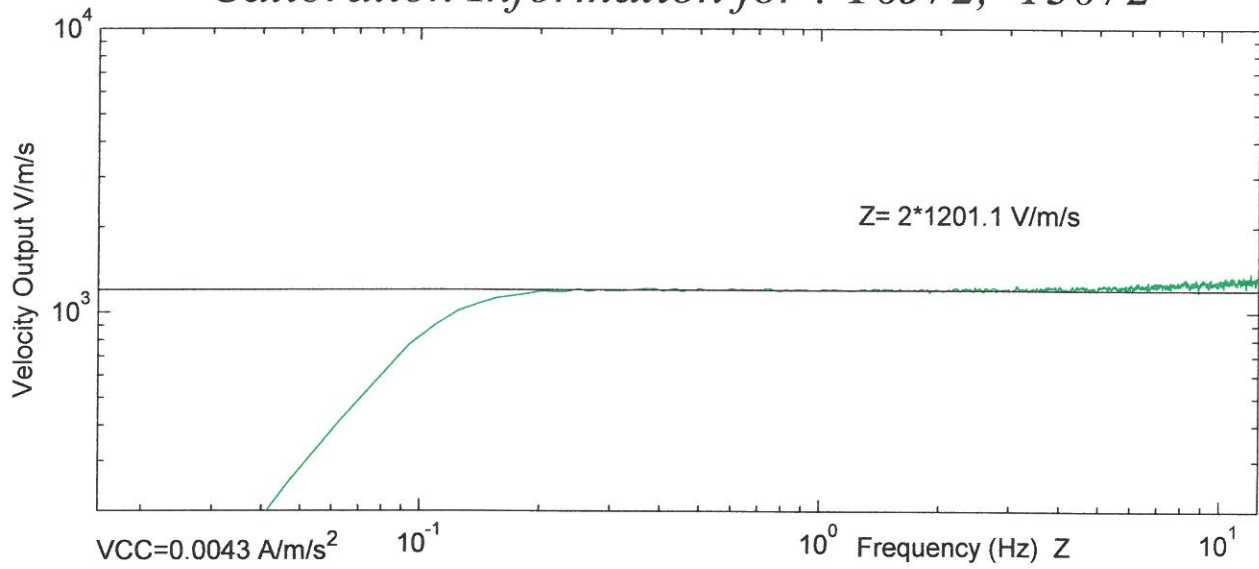
WORKS ORDER:	13072	DATE:	15-Mar-2013
SERIAL NUMBER:	T6J72	TESTED BY:	S. Goddard

	Velocity Output V/m/s (Differential)	Mass Position Output (Acceleration output) V/m/s ²	Feedback Coil Constant Amp/m/s ²
VERTICAL	2 x 1201	430	0.00430
NORTH/SOUTH	2 x 1197	411	0.00806
EAST/WEST	2 x 1198	413	0.00810

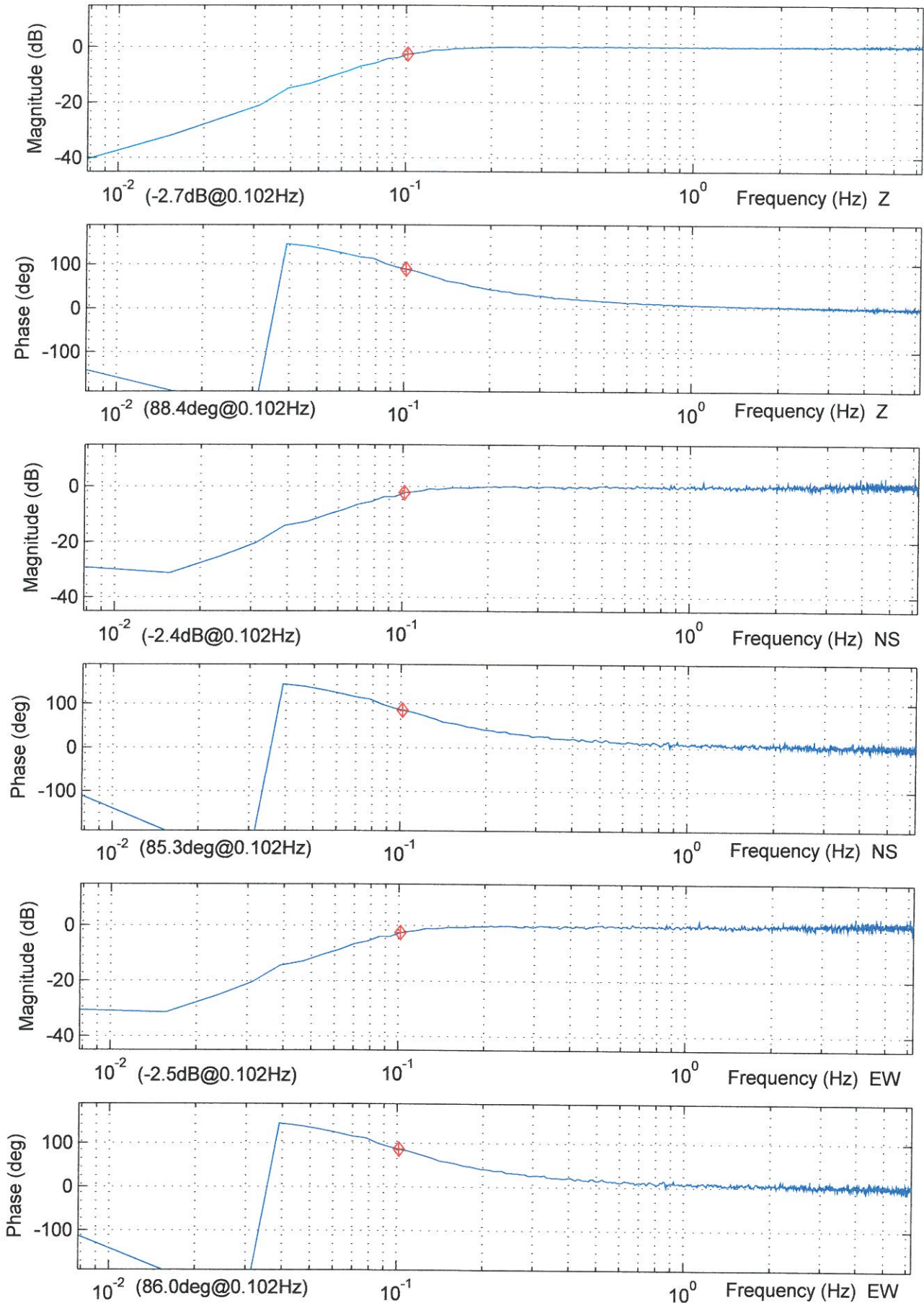
Power Consumption:	20 @ +12V input
Calibration Resistor:	51000

NOTE: A factor of 2 x must be used when the sensor outputs are used differentially (also known as push-pull or balanced output). Under no conditions should the negative outputs be connected to the signal ground. A separate signal ground pin is provided.

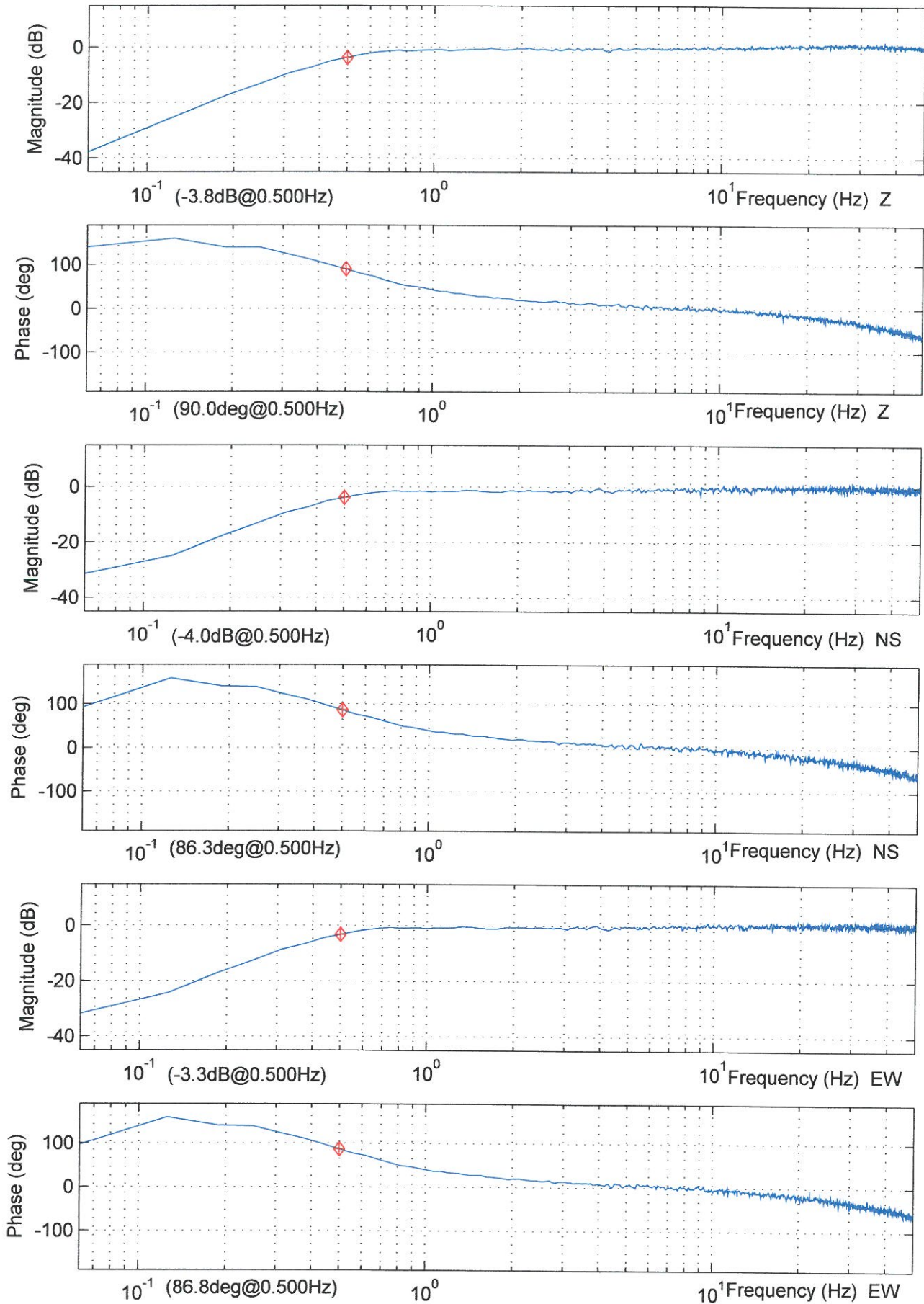
Calibration Information for : T6J72, 13072



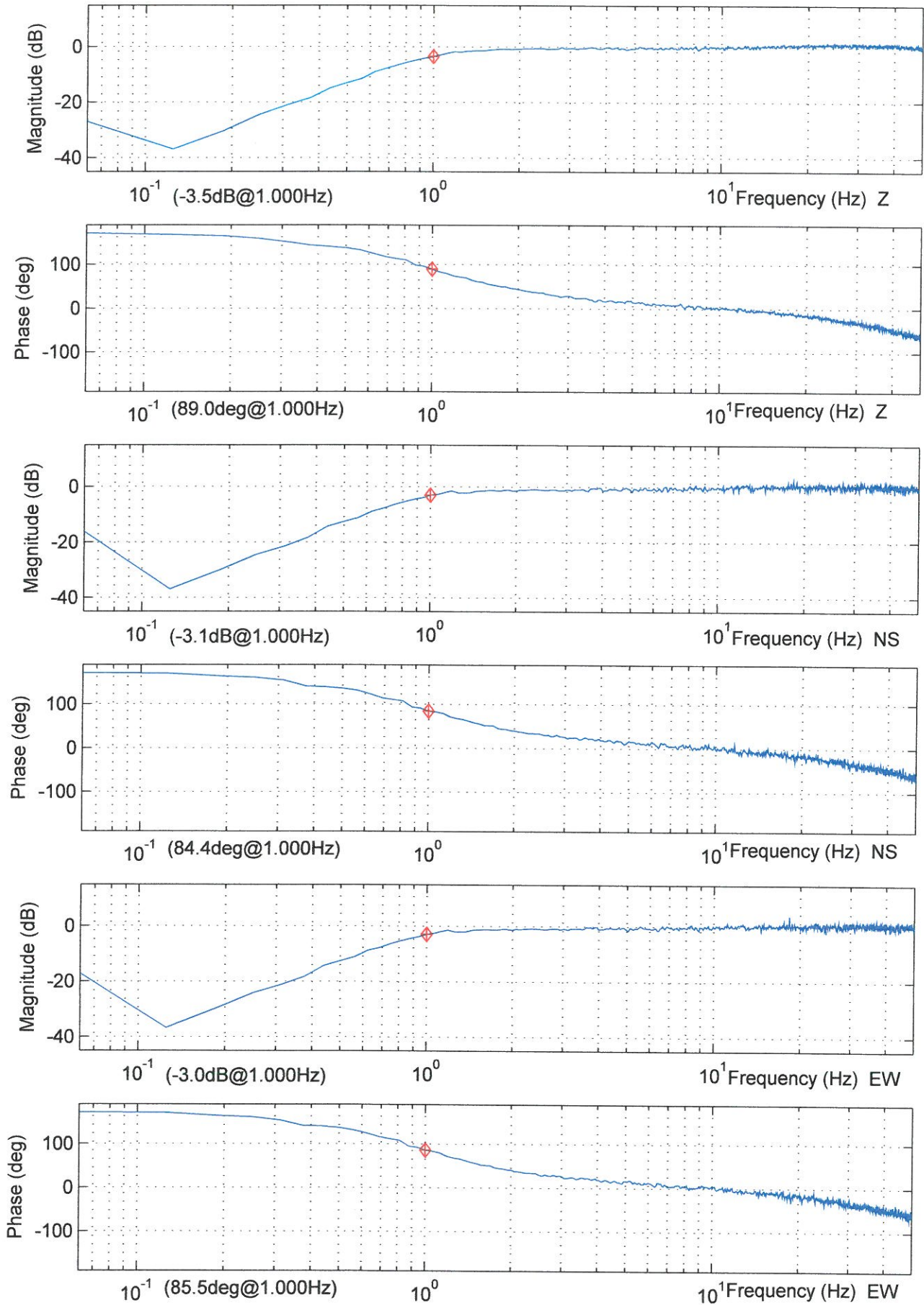
Normalized Frequency Response for : T6J72, 13072



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