



TEST AND CALIBRATION DATA

Short Period OBS System

Serial No. T6J75/A4332/5171

DESIGNED AND MANUFACTURED BY:

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DM24 CALIBRATION

WORKS ORDER: 13072

DIGITISER SERIAL NUMBER: A4332

SYSTEM ID: 13072
UNIT ID: 4332
OUTPUT DATA FORMAT: GCF
BAUD RATE: 38400

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

VELOCITY CHANNELS

Channel:	4332Z2	Vertical	2.873 $\mu\text{V}/\text{Count}$
	4332N2	North/South	2.872 $\mu\text{V}/\text{Count}$
	4332E2	East/West	2.872 $\mu\text{V}/\text{Count}$

MASS POSITION CHANNELS

Sample Rate: 4 samples/sec (Default)

Channel:	4332M8	Vertical	291.700 $\mu\text{V}/\text{Count}$
	4332M9	North/South	290.348 $\mu\text{V}/\text{Count}$
	4332MA	East/West	291.270 $\mu\text{V}/\text{Count}$

Sample Rate: 1 samples/sec

Channel:	4332M8	Vertical	2.279 $\mu\text{V}/\text{Count}$
	4332M9	North/South	2.268 $\mu\text{V}/\text{Count}$
	4332MA	East/West	2.276 $\mu\text{V}/\text{Count}$

CAL SIGNAL MONITOR

4332X2	2.872 $\mu\text{V}/\text{Count}$
4332C2	0.424 $\mu\text{V}/\text{Count}$

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:	4332MB	291.033 $\mu\text{V}/\text{Count}$
	4332MC	291.141 $\mu\text{V}/\text{Count}$
	4332MD	290.284 $\mu\text{V}/\text{Count}$
	4332ME	289.283 $\mu\text{V}/\text{Count}$
	4332MF	290.990 $\mu\text{V}/\text{Count}$

Sample Rate: 1 samples/sec

Channel:	4332MB	2.274 $\mu\text{V}/\text{Count}$
	4332MC	2.275 $\mu\text{V}/\text{Count}$
	4332MD	2.268 $\mu\text{V}/\text{Count}$
	4332ME	2.260 $\mu\text{V}/\text{Count}$
	4332MF	2.273 $\mu\text{V}/\text{Count}$

CMG-6TF CALIBRATION SHEET

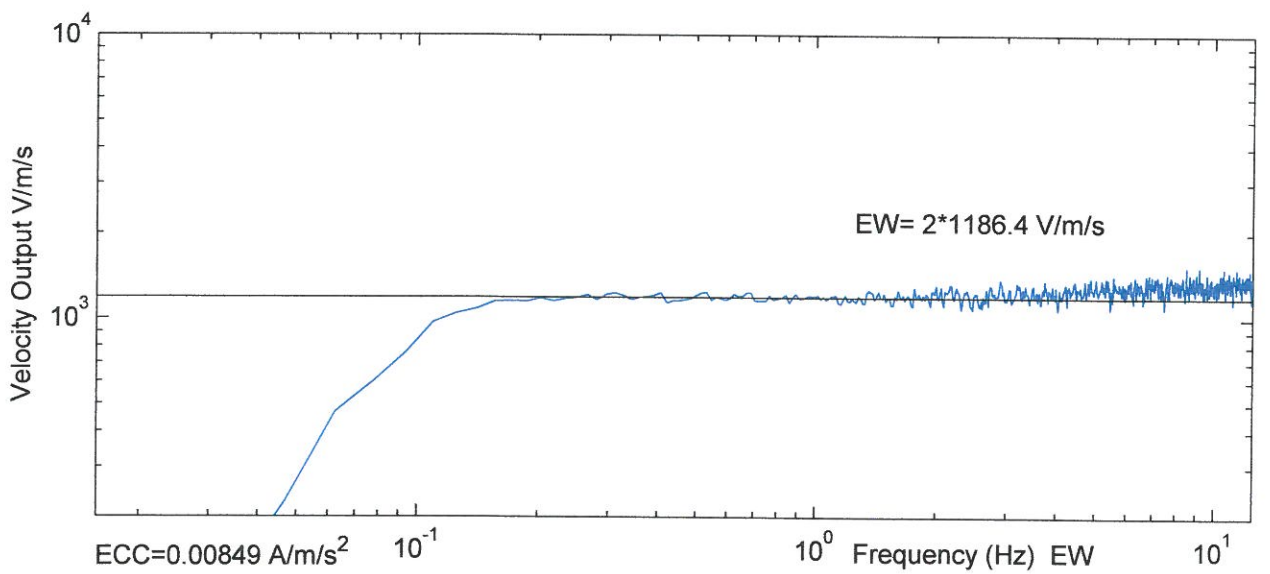
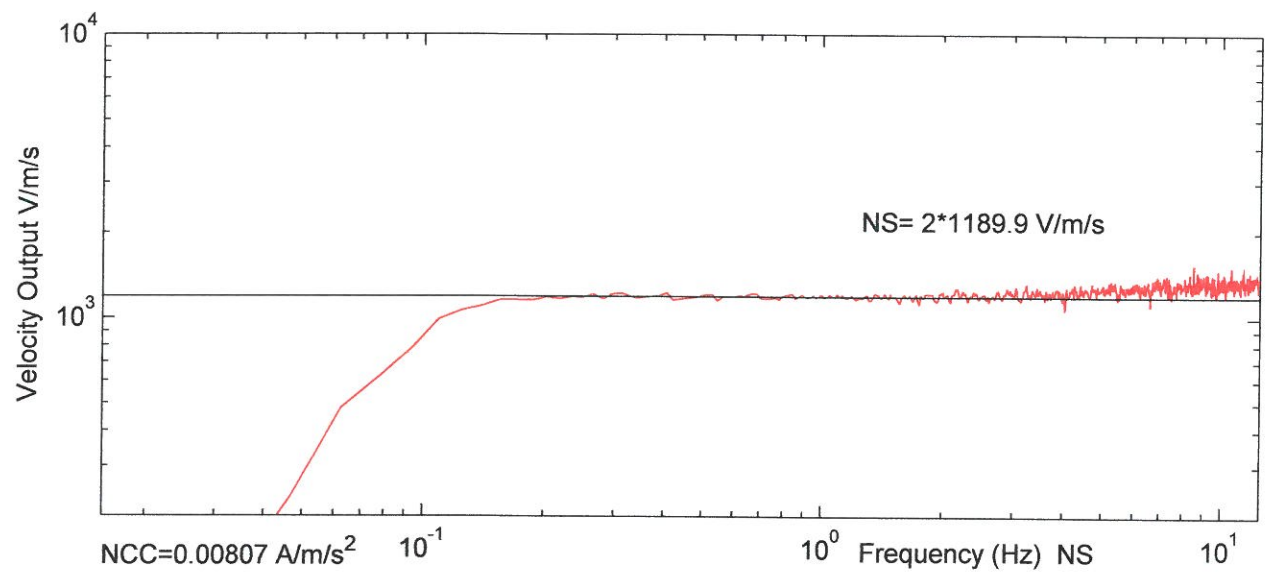
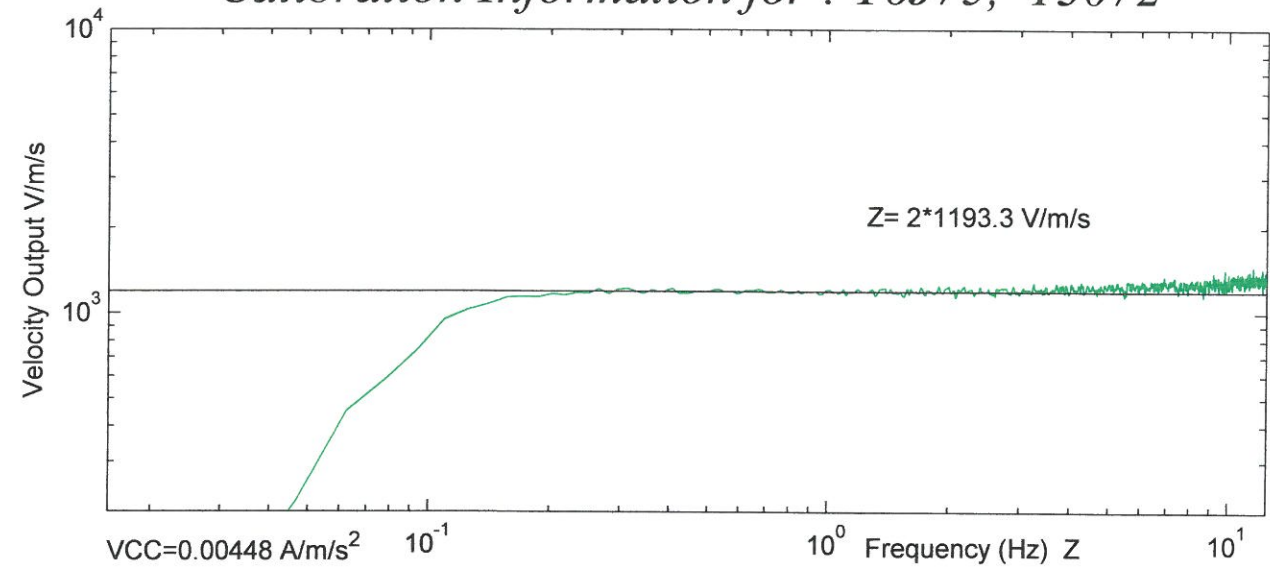
WORKS ORDER:	13072	DATE:	13-Mar-2013
SERIAL NUMBER:	T6J75	TESTED BY:	S. Goddard

	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 1193	448	0.004480
NORTH/SOUTH	2 x 1190	412	0.00807
EAST/WEST	2 x 1186	433	0.00849

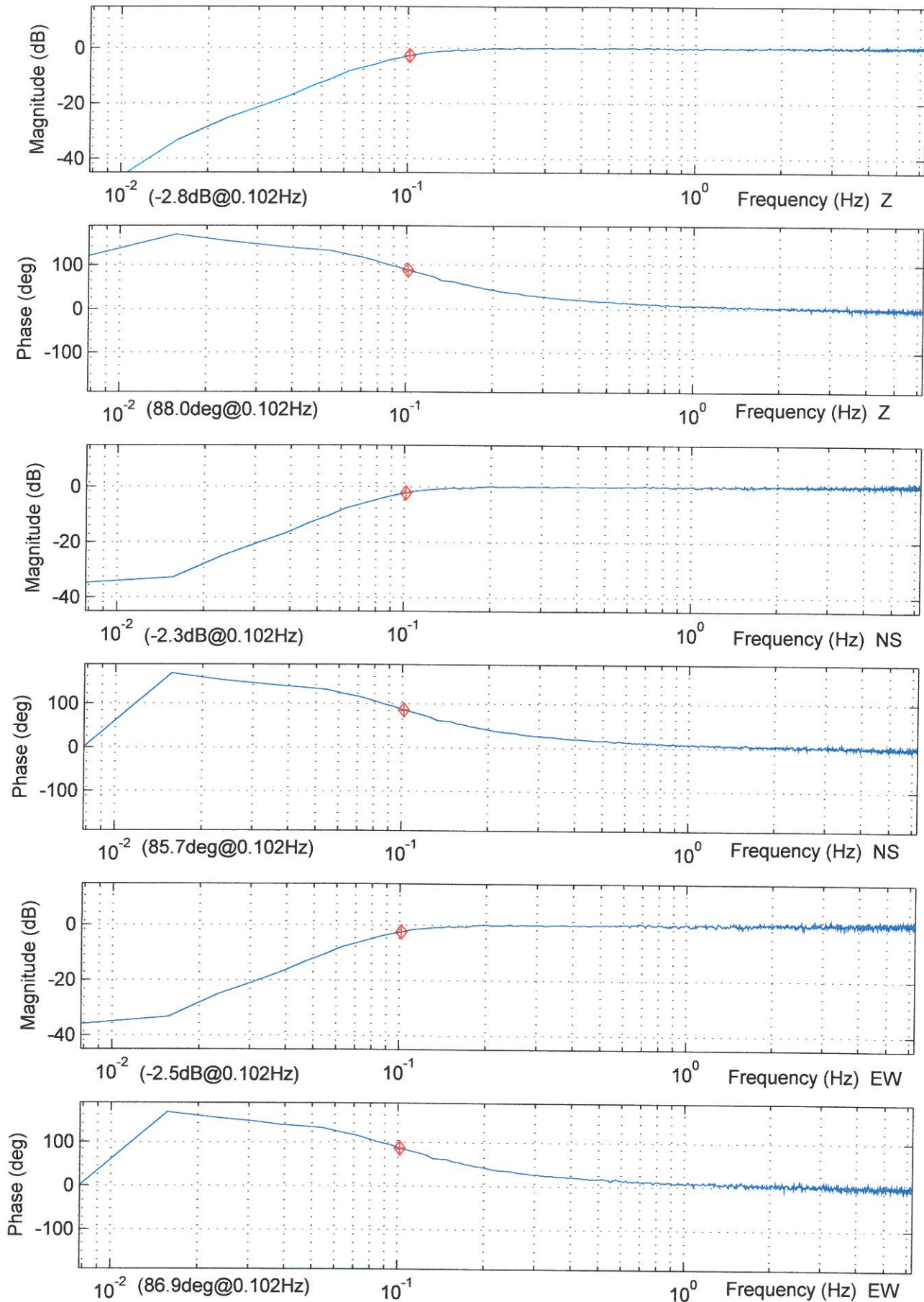
Power Consumption:	20mA @ +12V input
Calibration Resistor:	51000

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.

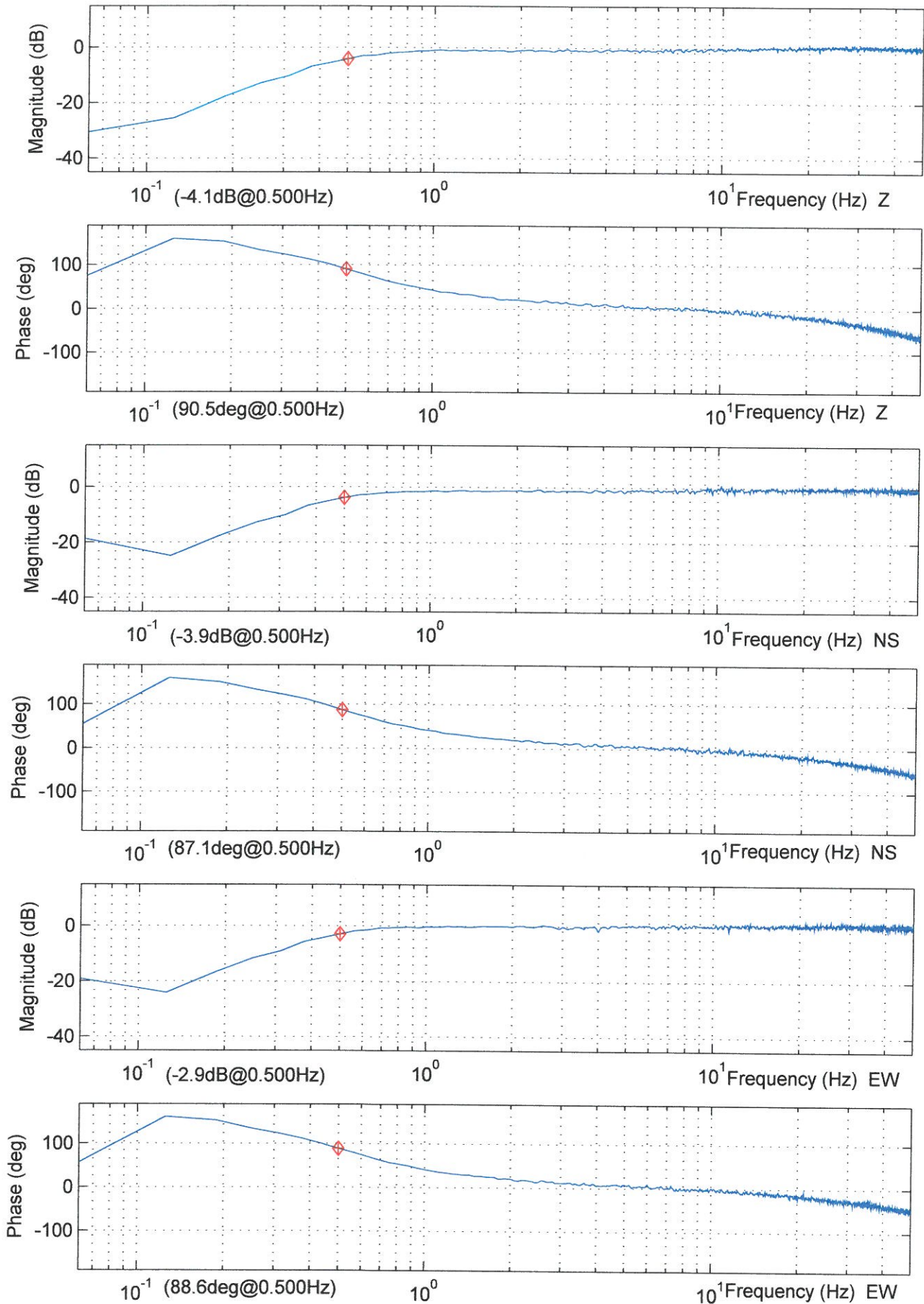
Calibration Information for : T6J75, 13072



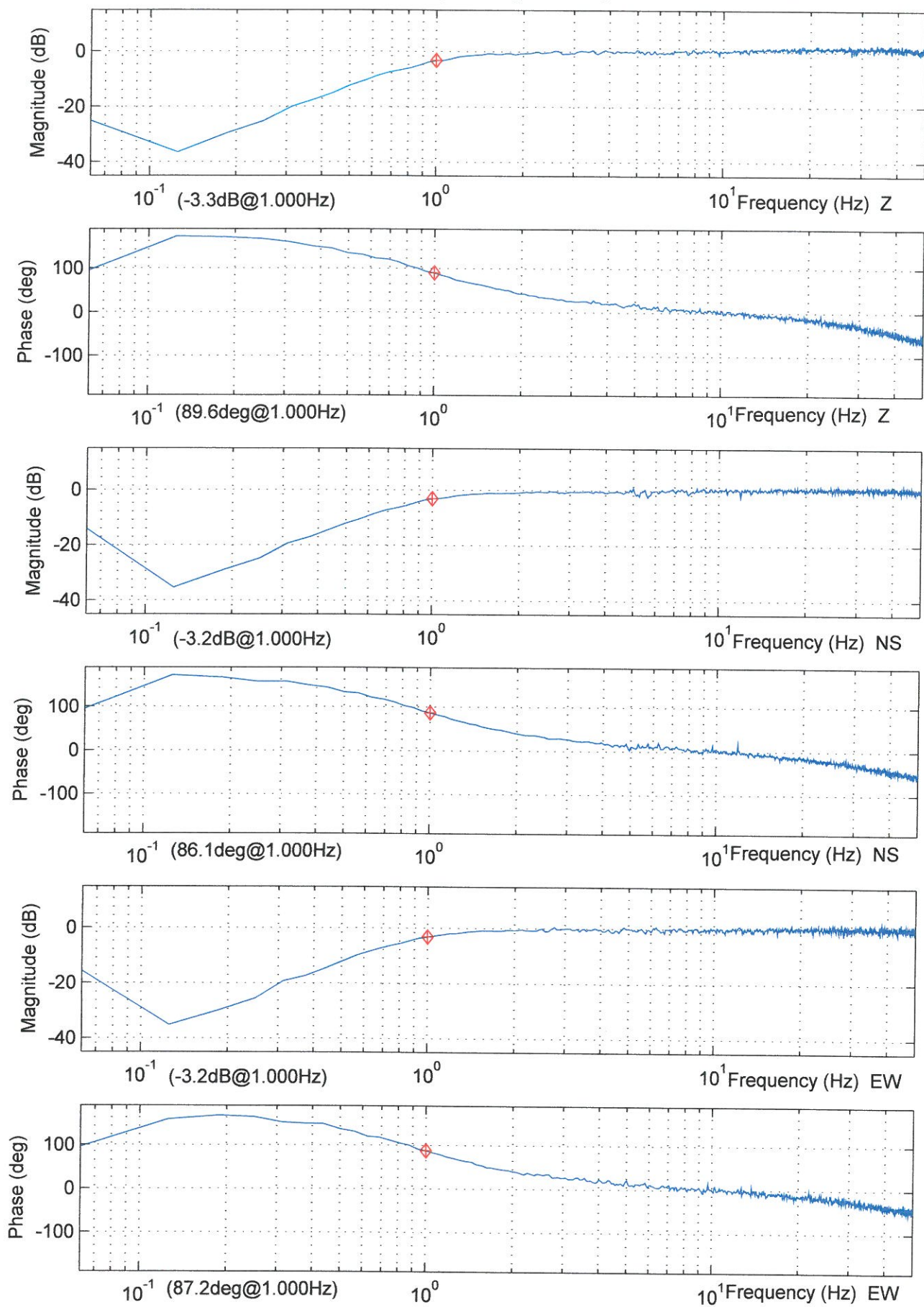
Normalized Frequency Response for : T6J75, 13072



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