TEST AND CALIBRATION DATA

Short Period OBS System

Serial No. T6J77/A4336/5173

DESIGNED AND MANUFACTURED BY:

GÜRALP SYSTEMS LIMITED
3 MIDAS HOUSE
CALLEVA PARK
ALDERMASTON
READING
BERKS, RG7 8EA
ENGLAND

Telephone: +44 (0) 118 9819056 **Fax: +44 (0) 118 9819943**

DM24 CALIBRATION

WORKS ORDER: 13072 **DIGITISER SERIAL NUMBER:** A4336

SYSTEM ID:	13072	CPLD:	A0.E1
UNIT ID:	4336	BOOTLOADER:	MK3BOOT213.IMG
OUTPUT DATA FORMAT:	GCF	DSP SOFTWARE:	DSP1090.BIN
BAUD RATE:	38400	SYSTEM:	DMNET106b57d.IMG

VELOCITY CHANNELS

Channel:	4336Z2	Vertical	2.872 µV/Count
	4336N2	North/South	2.873 µV/Count
	4336E2	East/West	2.874 µV/Count

MASS POSITION CHANNELS

Sample Rate: 4 samples/sec (Default)

Channel:	4336M8	Vertical	291.022 µV/Count
	4336M9	North/South	290.358 µV/Count
	4336MA	East/West	290.166 µV/Count

Sample Rate: 1 samples/sec

Channel:	4336M8	Vertical	2.274 µV/Count
	4336M9	North/South	2.268 µV/Count
	4336MA	East/West	2.267 µV/Count

CAL SIGNAL MONITOR

4336X2	2.873 µV/Count
4336C2	0.424 µV/Count

GPS RECEIVER

PWM:	8000 Counts
At Temperature Reading:	23°C

POWER CONSUMPTION

Digitiser Power Consumption	80mA @ 12v
GPS Power Consumption	28mA @ 12v

AUXILIARY CHANNELS

Sample Rate: 4 samples/sec (Default)

Channel:		
	4336MB	290.572 µV/Count
	4336MC	290.102 µV/Count
	4336MD	291.022 µV/Count
	4336ME	290.893 µV/Count
	4336MF	291.151 µV/Count

Sample Rate: 1 samples/sec

Channel:		
	4336MB	2.270 µV/Count
	4336MC	2.266 µV/Count
	4336MD	2.274 µV/Count
	4336ME	2.273 µV/Count
	4336MF	2.275 µV/Count

CMG-6TF CALIBRATION SHEET

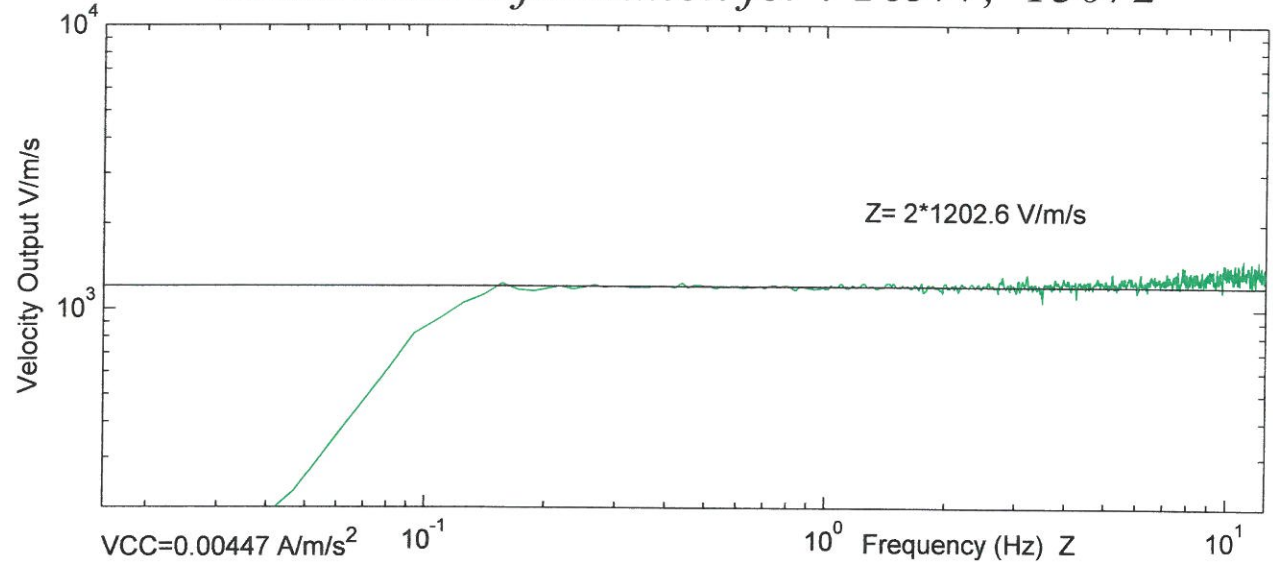
WORKS ORDER:	13072	DATE:	18-Mar-2013
SERIAL NUMBER:	T6J77	TESTED BY:	S. Goddard

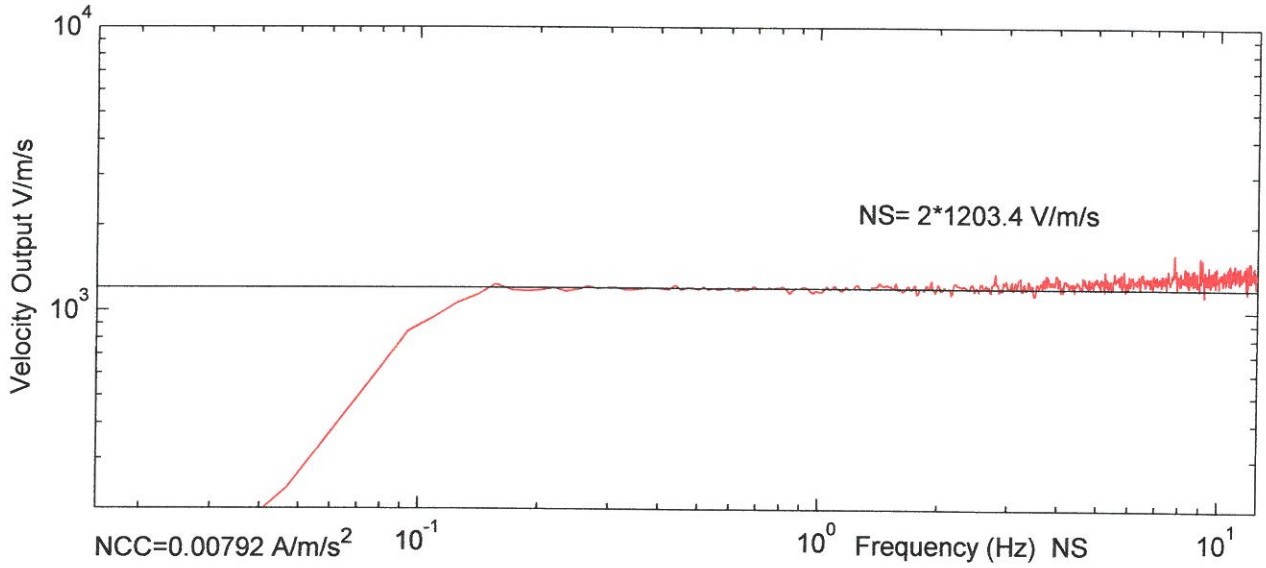
	Velocity Output V/m/s (Differential)	Mass Position Output (Acceleration output) $V/m/s^2$	Feedback Coil Constant $Amp/m/s^2$
VERTICAL	2 x 1203	447	0.00447
NORTH/SOUTH	2 x 1203	404	0.00792
EAST/WEST	2 x 1208	422	0.00828

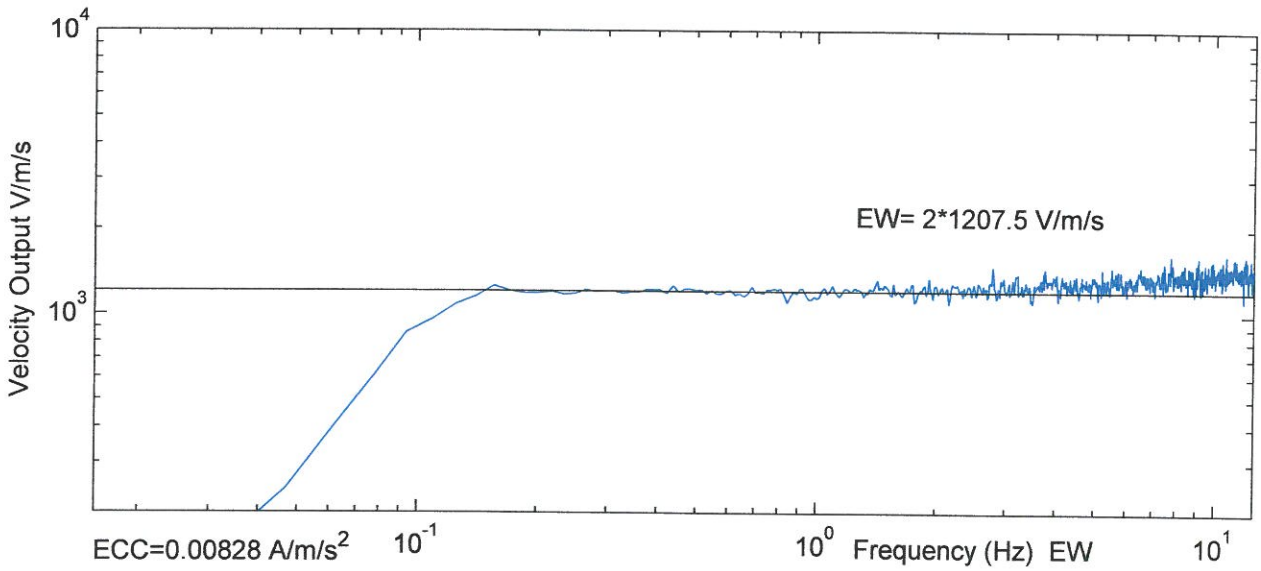
Power Consumption: 20mA @ +12V input
Calibration Resistor: 51000

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 : T6J77, 13072







RCal =51000 Ohms

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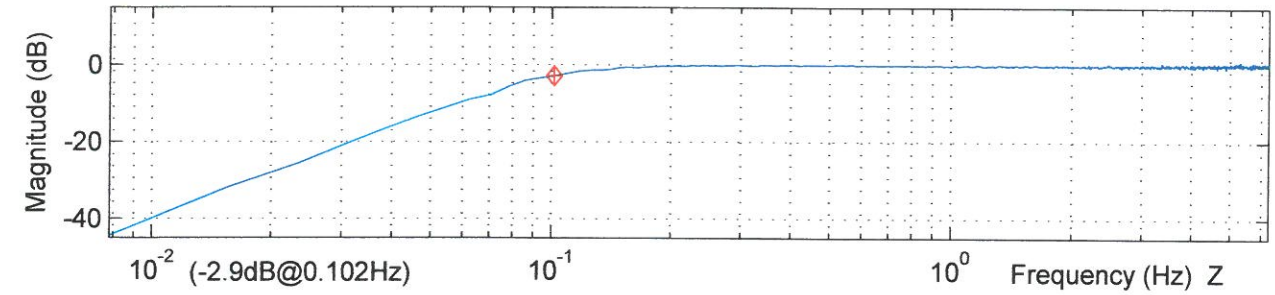
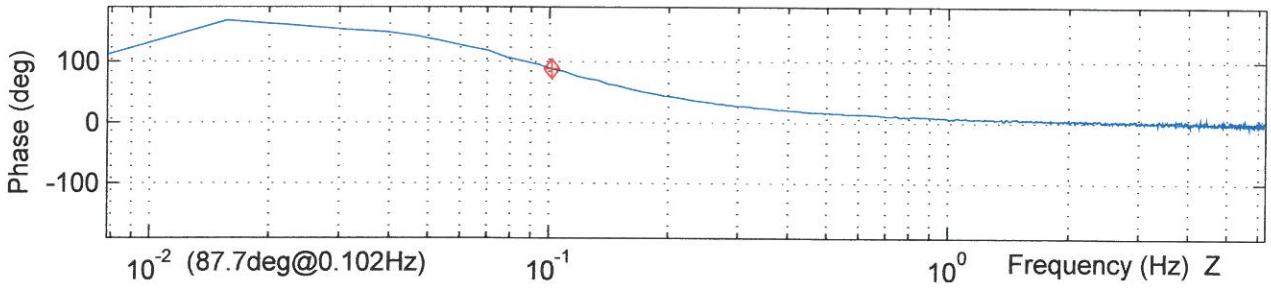
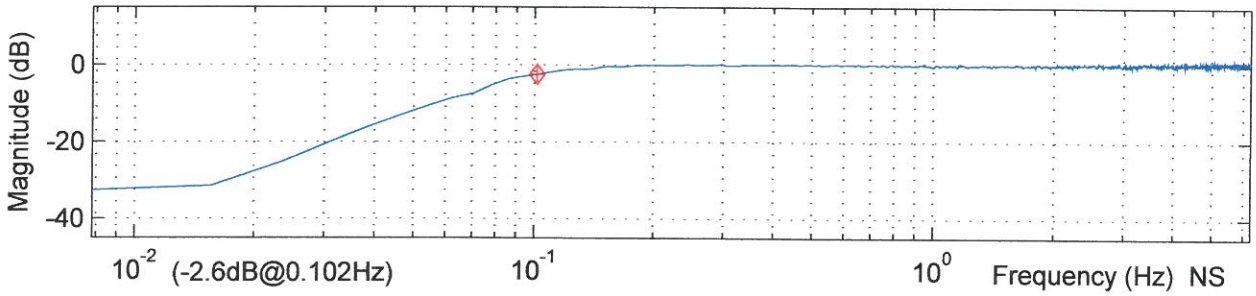
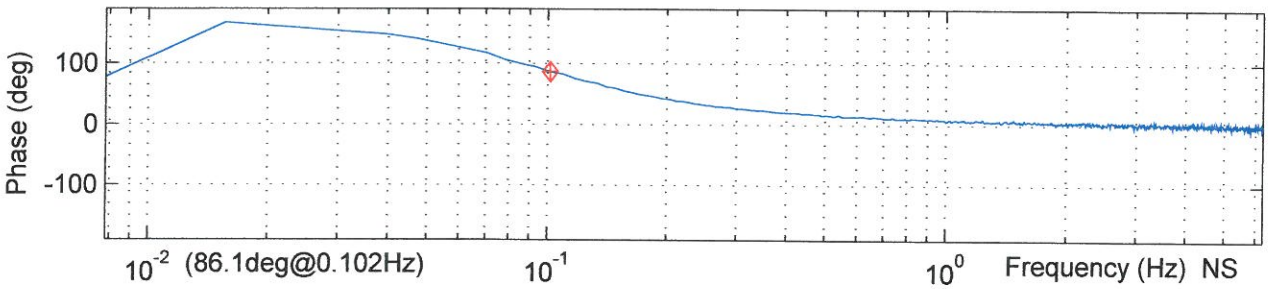
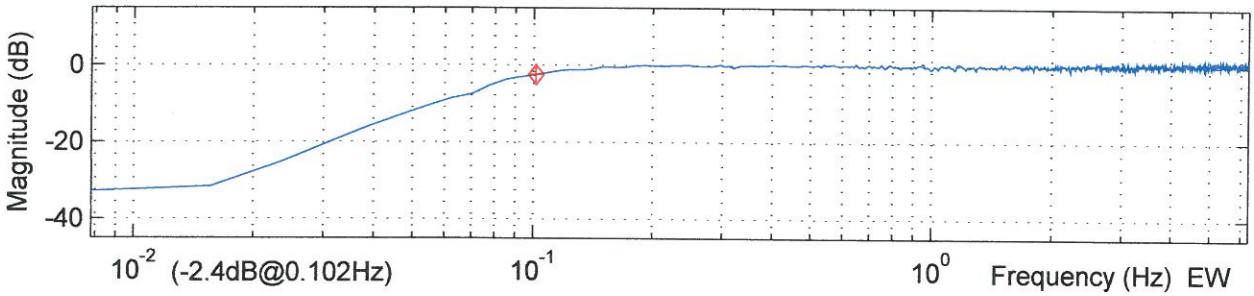
Normalized Frequency Response for : T6J77, 13072

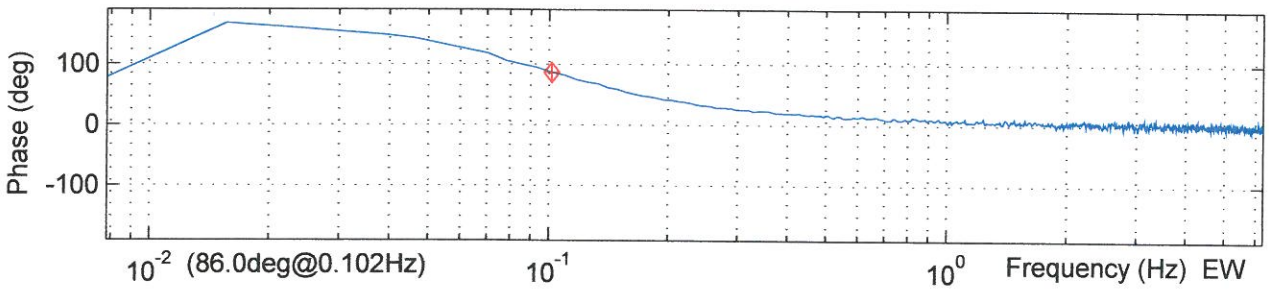












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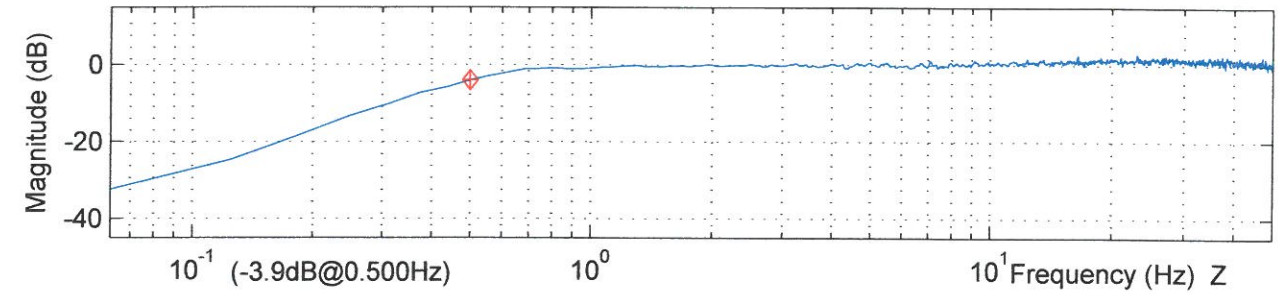

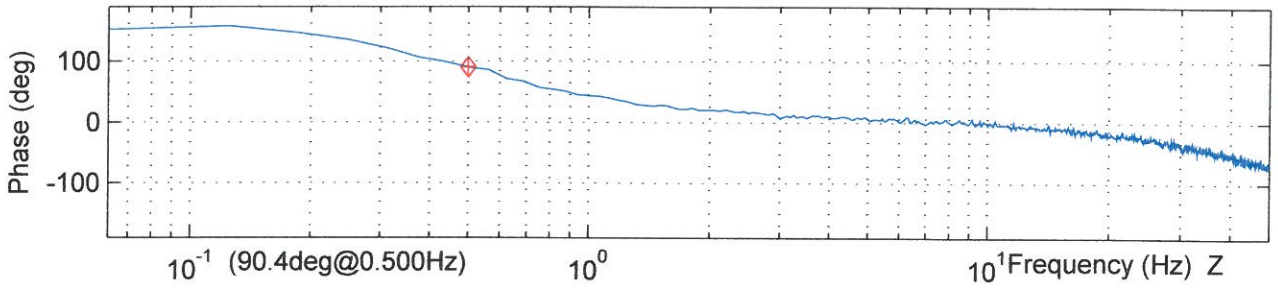

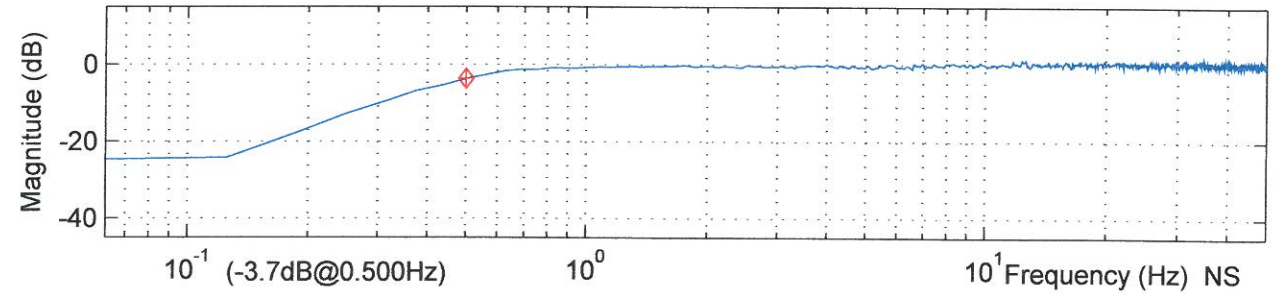

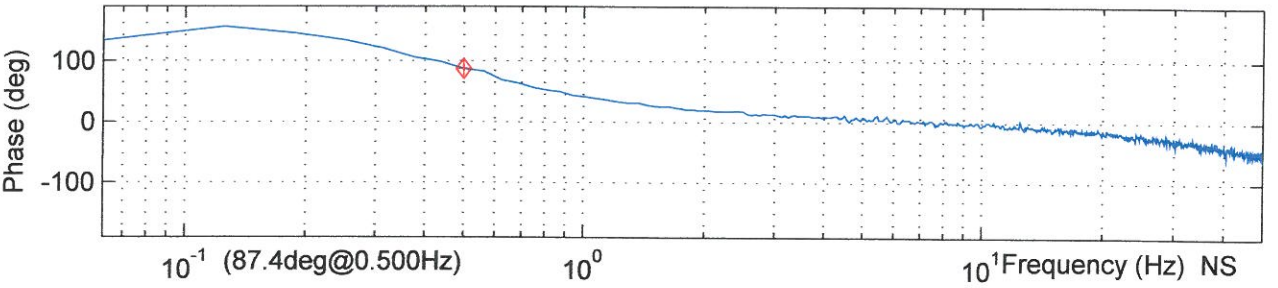

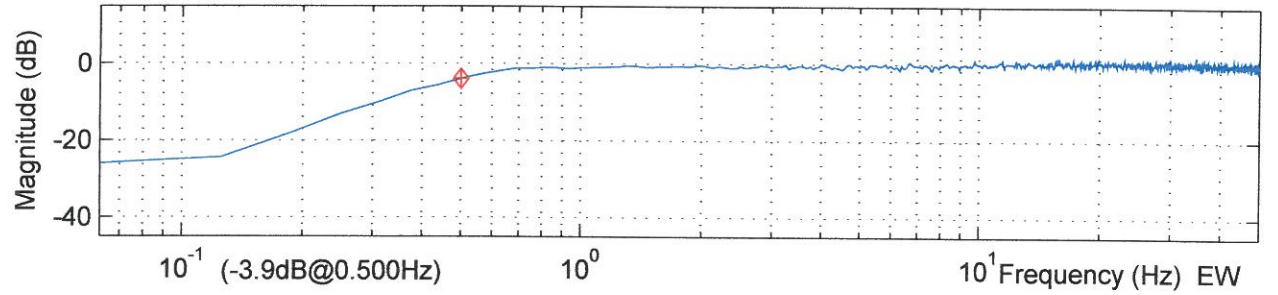

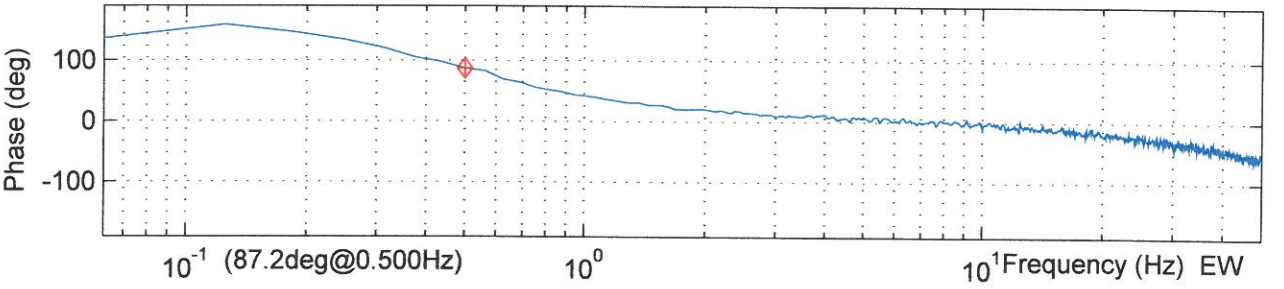

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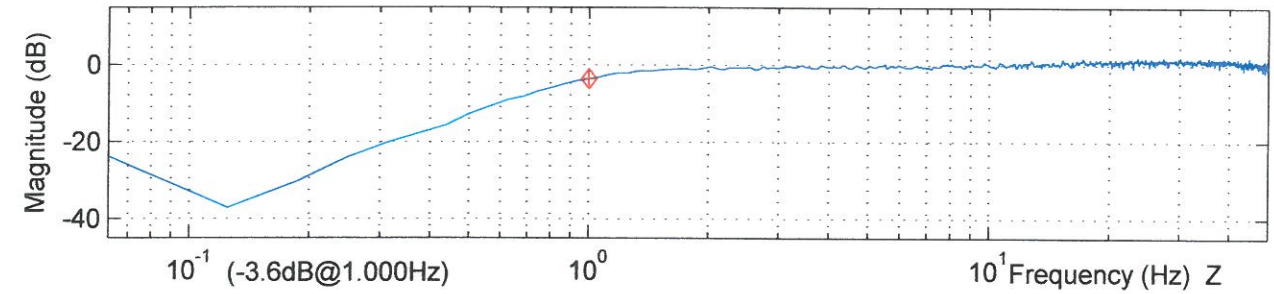

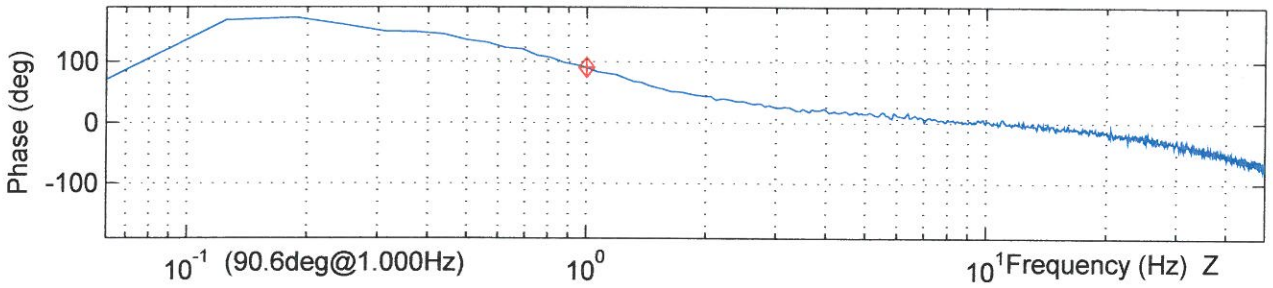

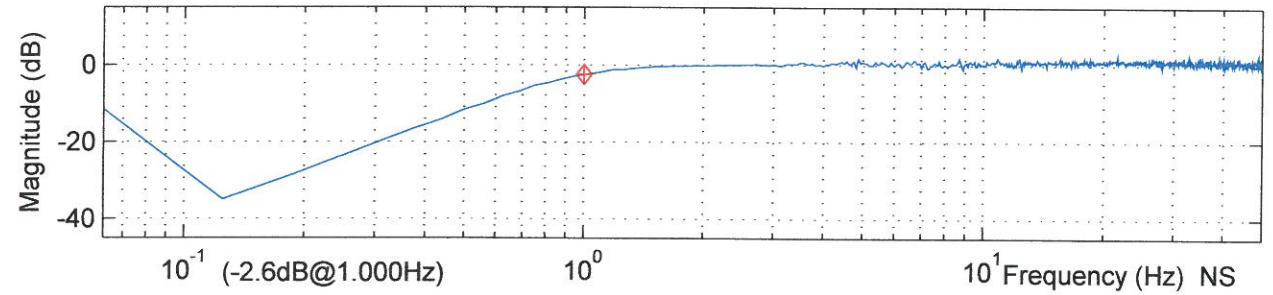

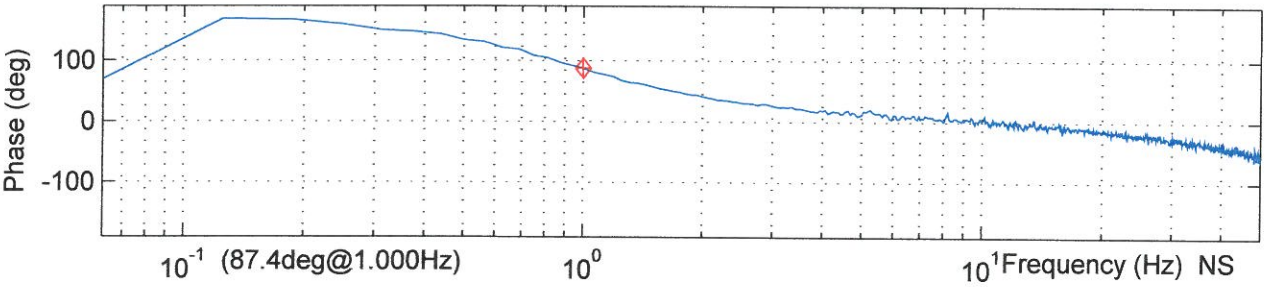

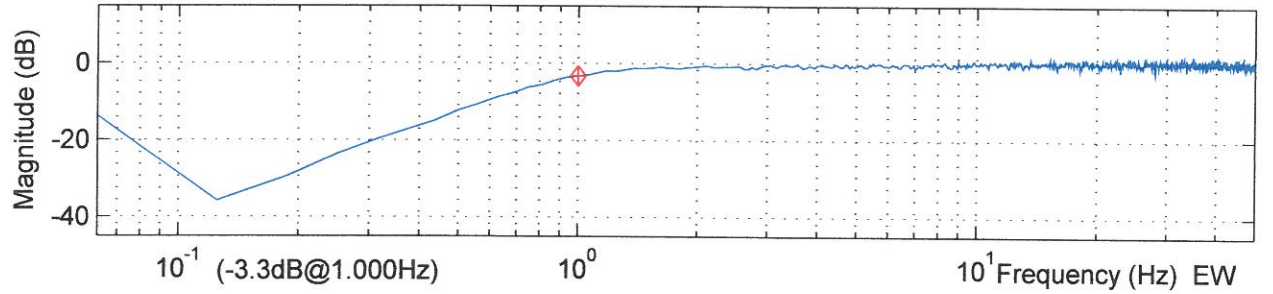

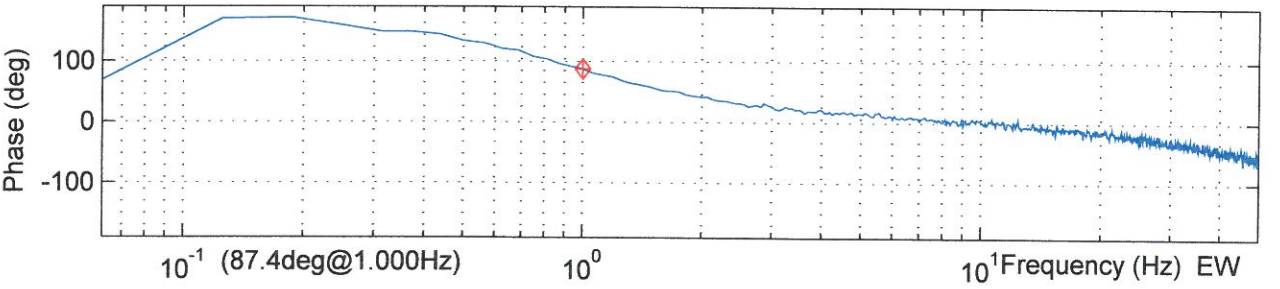

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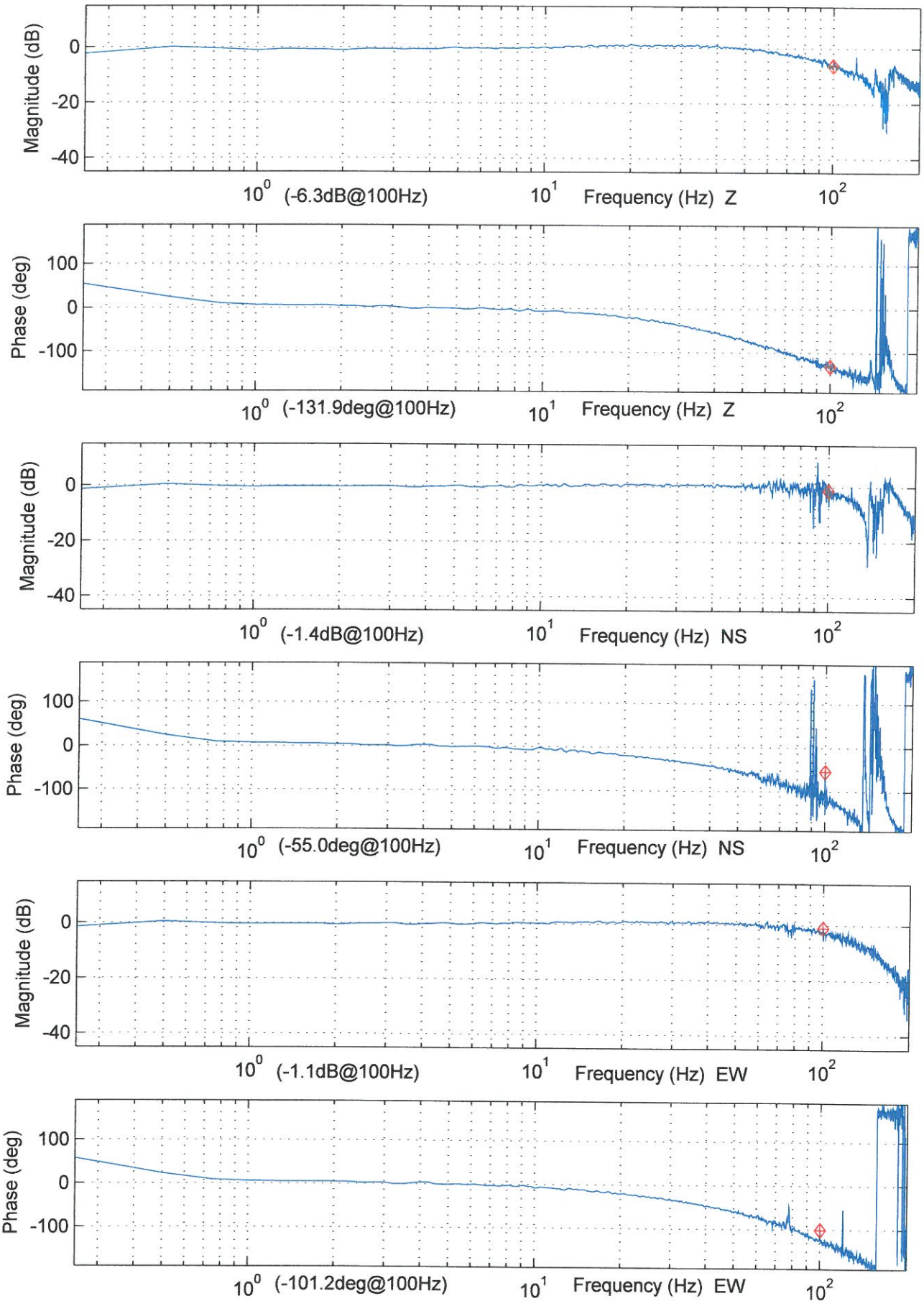

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