



TEST AND CALIBRATION DATA

Short Period OBS System

Serial No. T6J68/A4330/5164

DESIGNED AND MANUFACTURED BY:

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DM24 CALIBRATION

WORKS ORDER: 13072

DIGITISER SERIAL NUMBER: A4330

SYSTEM ID: 13072
UNIT ID: 4330
OUTPUT DATA FORMAT: GCF
BAUD RATE: 38400

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

VELOCITY CHANNELS

Channel:	4330Z2	Vertical	2.873 μ V/Count
	4330N2	North/South	2.873 μ V/Count
	4330E2	East/West	2.872 μ V/Count

MASS POSITION CHANNELS

Sample Rate: 4 samples/sec (Default)

Channel:	4330M8	Vertical	290.943 μ V/Count
	4330M9	North/South	290.965 μ V/Count
	4330MA	East/West	290.601 μ V/Count

Sample Rate: 1 samples/sec

Channel:	4330M8	Vertical	2.273 μ V/Count
	4330M9	North/South	2.273 μ V/Count
	4330MA	East/West	2.270 μ V/Count

CAL SIGNAL MONITOR

4330X2	2.872 μ V/Count
4330C2	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:	4330MB	291.115 $\mu\text{V}/\text{Count}$
	4330MC	290.280 $\mu\text{V}/\text{Count}$
	4330MD	290.494 $\mu\text{V}/\text{Count}$
	4330ME	290.986 $\mu\text{V}/\text{Count}$
	4330MF	290.536 $\mu\text{V}/\text{Count}$

Sample Rate: 1 samples/sec

Channel:	4330MB	2.274 $\mu\text{V}/\text{Count}$
	4330MC	2.268 $\mu\text{V}/\text{Count}$
	4330MD	2.269 $\mu\text{V}/\text{Count}$
	4330ME	2.273 $\mu\text{V}/\text{Count}$
	4330MF	2.270 $\mu\text{V}/\text{Count}$

CMG-6TF CALIBRATION SHEET

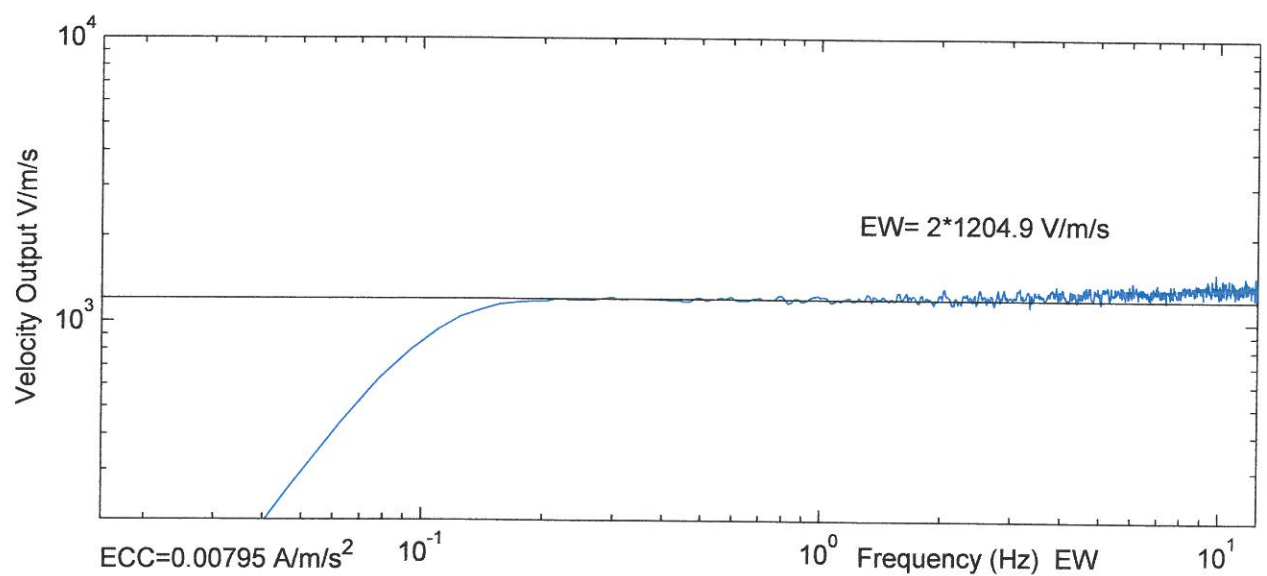
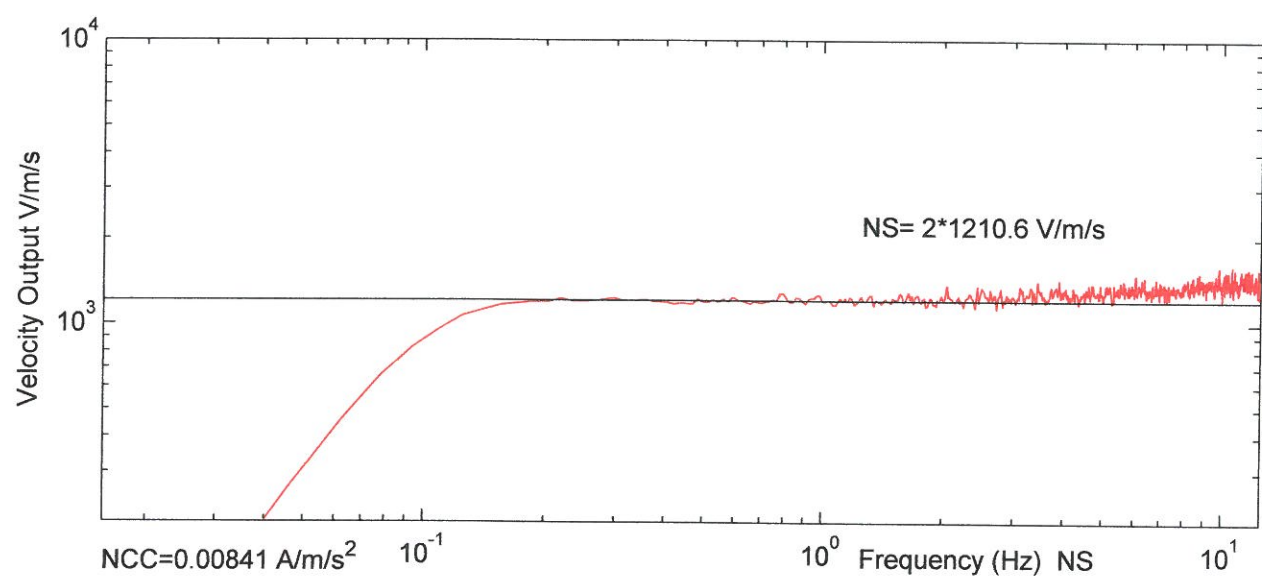
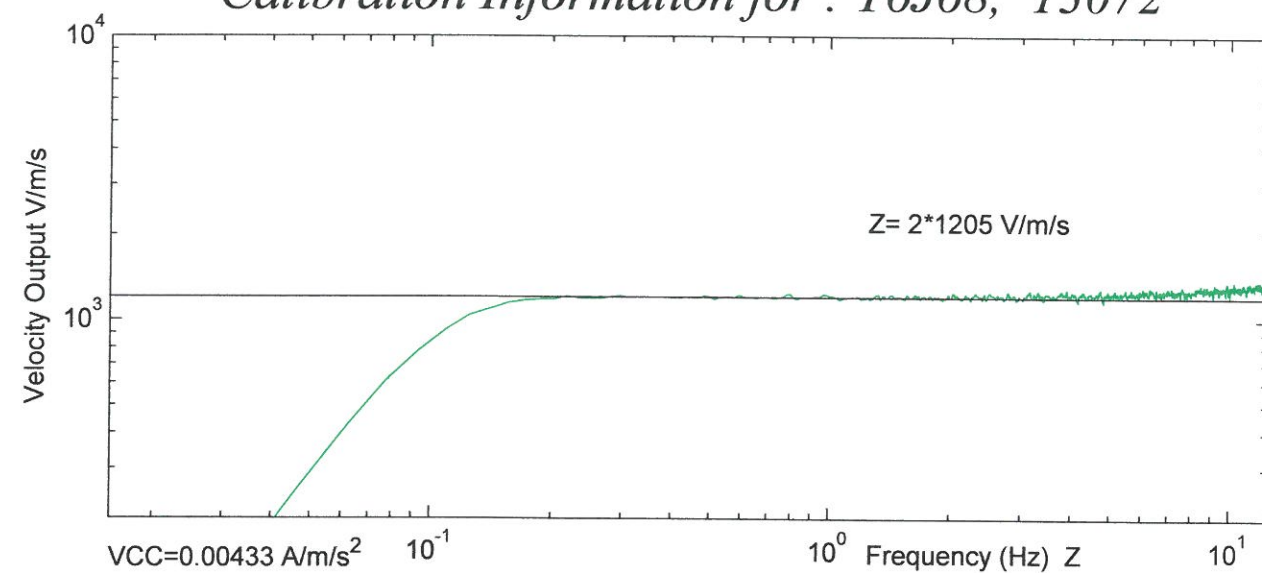
WORKS ORDER:	13072	DATE:	13-Mar-2013
SERIAL NUMBER:	T6J68	TESTED BY:	S. Goddard

	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 1205	433	0.00433
NORTH/SOUTH	2 x 1211	429	0.00841
EAST/WEST	2 x 1205	405	0.00795

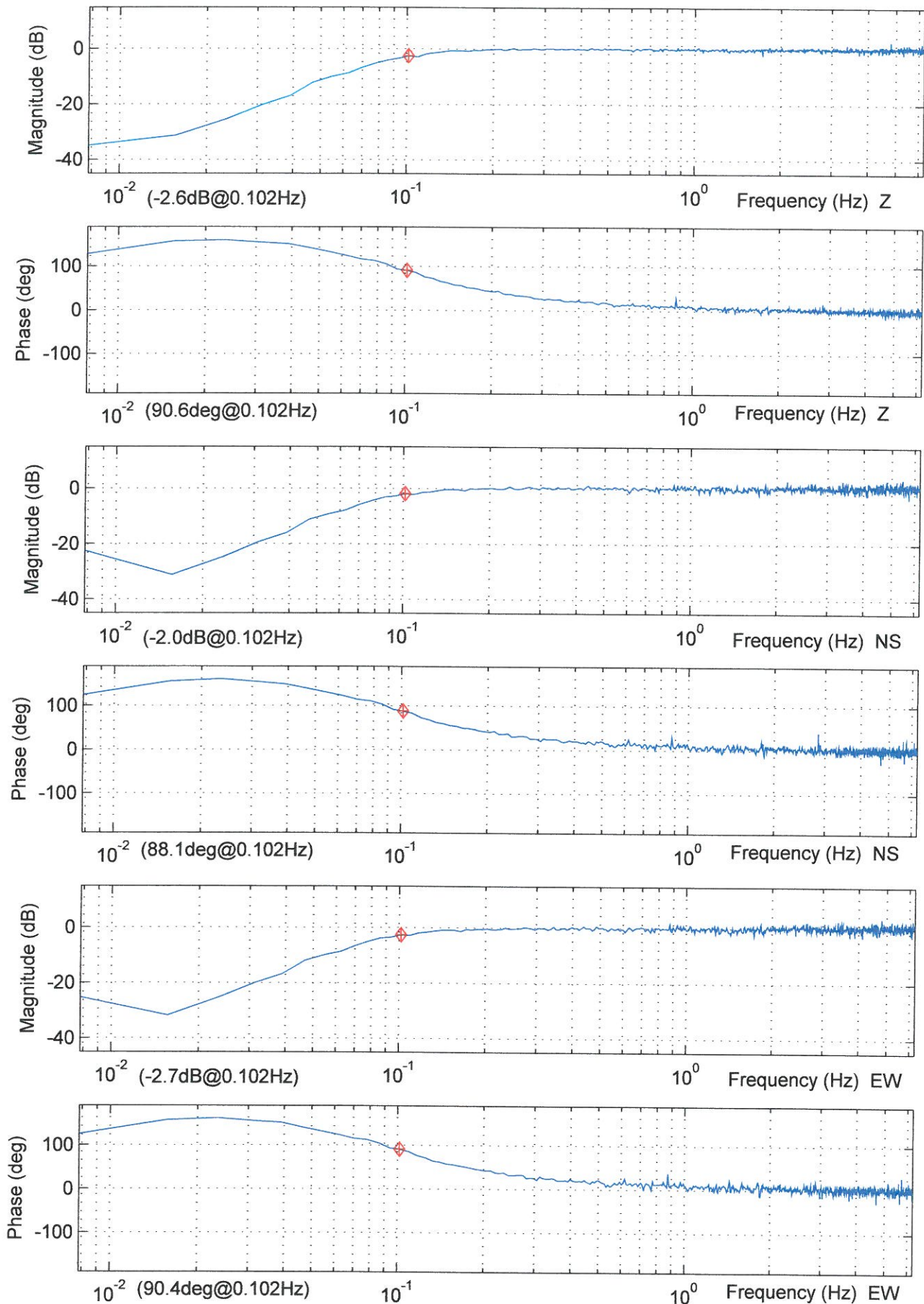
Power Consumption: 20mA @ +12V input
Calibration Resistor: 51000

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.

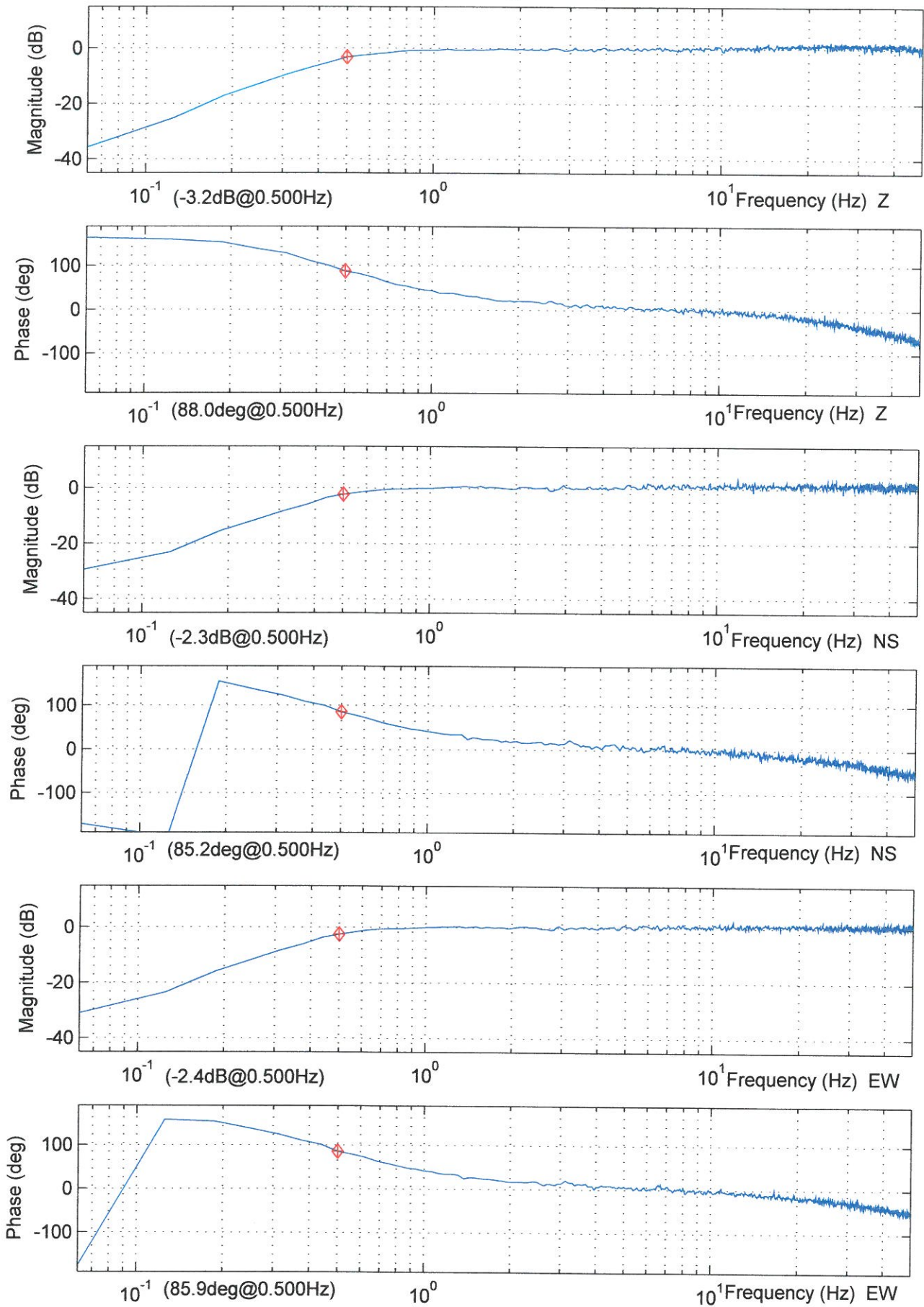
Calibration Information for : T6J68, 13072



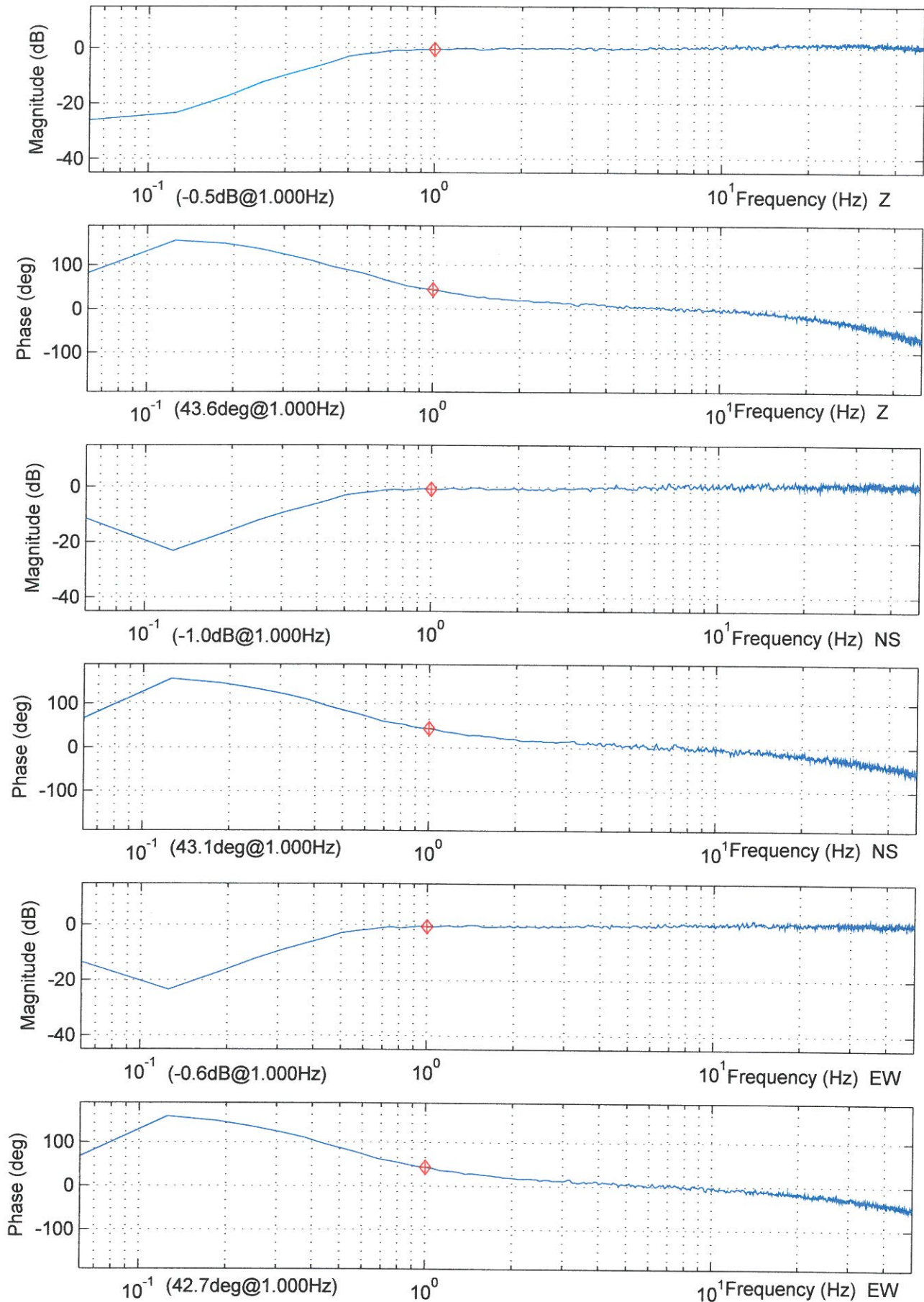
Normalized Frequency Response for : T6J68, 13072



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