

Example Contact/Delay Report



3628 W Pendleton
Sant Ana, Ca 92704

PH: (714) 340-7950
<http://www.cobrascientific.com>

Date:	07/17/2019
Time:	10:30 AM
Inspected By:	

Actual Focus
N/A

Nominal Focus
N/A

Frequency
15 MHz

Serial Number
G190002

Model Number
TD154

Manufacturer
Cobra Scientific

Sensor Information

Manufacturer:	Cobra Scientific
Model:	TD154
Serial Number:	G190002
Style:	Contact
Tuned:	No
Focal Type:	Flat
Sensor Type:	Round
Element Diameter:	0.25 inches
Element Width:	N/A
Nominal Frequency:	15 MHz
Nominal Focus:	N/A
Actual Focus:	N/A
IP Block (inches):	0.06 inches
Y Offset (Inches):	0 inches
Target:	Off Delay
Cable:	
Notes:	

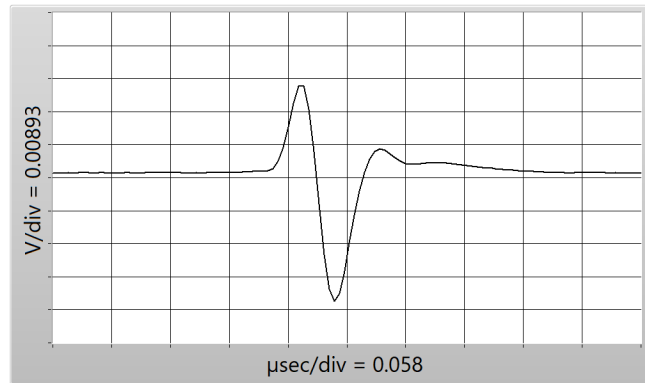
Pulser Information

Manufacturer:	JSR Ultrasonics
Model:	DPR300
Serial Number:	DA0226
Gain (dB):	38 dB
High Pass Filter:	DC
Low Pass Filter:	35 / 50 MHz
PRF Rate:	1750 Hz
Impedance:	Low z
Voltage:	100 V
Energy Level:	1 (Minimum)
Damping:	30 Ohms
Pulser Mode:	Pulse/Echo
Gain Reference Level (dB):	11 dB

Digitizer Information

Manufacturer:	OKOS
Model:	AL8xGT
Serial Number:	9710314
Acquisition Rate:	200 MHz
Input Range (mV):	2000 mV
Peak Detection Mode:	Peak to Peak

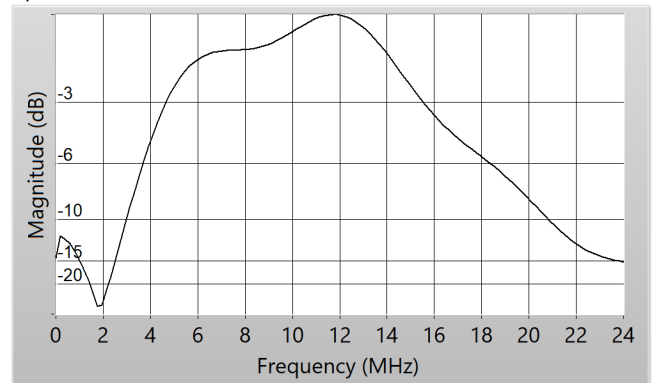
Waveform



Waveform Data

Start Time (µsec)	7.63
End Time (µsec)	8.205
Volts pk-pk	0.0584
Loop Sensitivity (dB)	-64.674

Spectrum



Spectrum Data

Gate Start (µsec)	7.765
Gate Length (µsec)	0.281
Peak Freq	11.745 MHz
Center @ -3 dB	10.092 MHz
BW @ -3 dB	10.858 MHz
Q @ -3 dB	0.929
Center @ -6 dB	11.034 MHz
BW @ -6 dB	14.712 MHz
Q @ -6 dB	0.75

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Source Data File: C:\Users\Public\Documents\Cobra Scientific\Results\G190002.dat