

FDA/PDA FACTORY ACCEPTANCE TEST REPORT

For specifications, see the datasheet at <https://www.ohwr.org/projects/pda-8ch-fda-8ch>

Serial Number: SN / Aivon
 Connectors: SMA
 Containing PCBs: left FDA2018.03, Aivon 2018-04
 right PDA2018.03, Aivon 2018-04

Voltage Checks

(Fluke 175, MIKES 012717)

	Voltage
PSU1	8.97
PSU2	8.98
+3V3	3.304
V_TRIG	1.001
+6V	5.985
-6V	-6.057

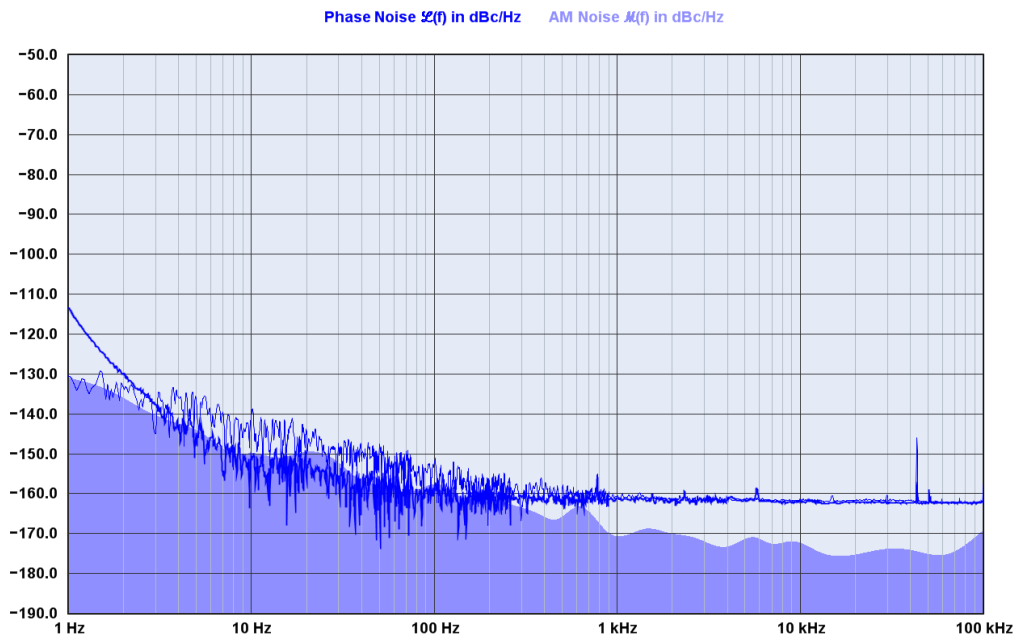
PDA Differential channel delays

(Agilent 53230A MIKES010985, DC 50R 1.0Vtrig)

Channel	Differential delay (ps), after tuning	Differential delay (ps), before tuning
01	+4	+168
02	-7	+105
03	+1	-82
04	-2	-128
05	-3	-61
06	+8	-76
07	0	+43
08	-4	+32

FDA Verification of residual phase noise and AM at 10 MHz

(Microsemi 3120A, MIKES010553)



Trace	Input Amplitude	Ref Freq	Ref Amplitude	ENBW	Duration	Elapsed
FDA S/N 17, op4, run3	8.4 dBm	10 MHz	8.8 dBm	500 Hz	1h 0m 0s	1h 0m 0s

N.N., VTT MIKES, Espoo, Finland, YYYY-MM-DD

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