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VG-4232CA 61.44MHz
Phase noise /Phase jitter

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SEIKO EPSON CORPORATION

TD Production Engineering Department

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Phase noise/Phase jitter data

Product Name: VG-4232CA
Frequency: 61.44MHz
Quantity: 3 pcs

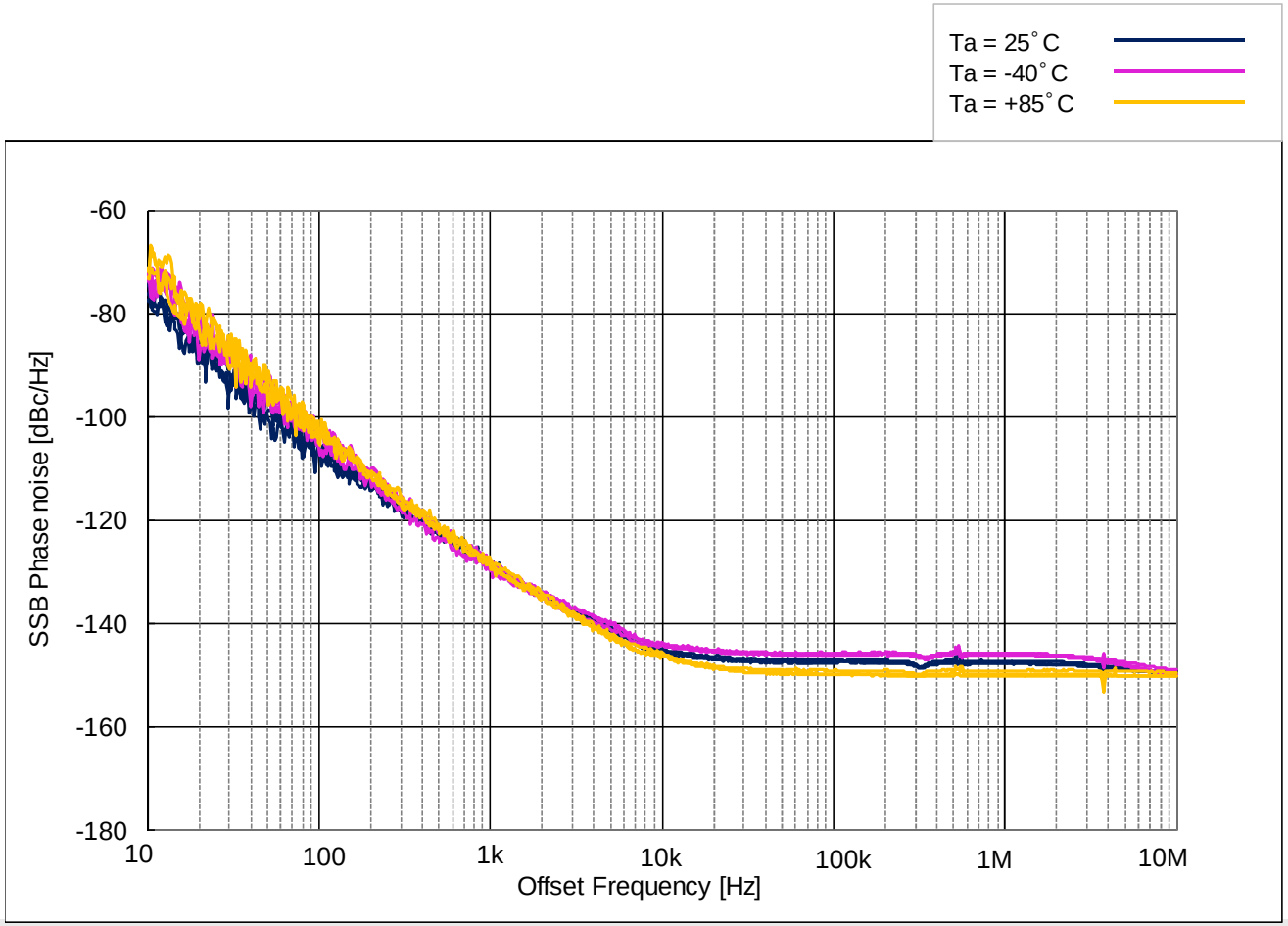
Measurement condition: Vcc=3.3V , Vc=1.65V, Output Load=15 pF,Ta= -40 +25 +85 deg.C

		Phase noise						Phase jitter
Ta	sample	Offset Frequency [Hz]						
		10	100	1k	10k	100k	1M	12k to 20M
+25˚C	No.1	-77.2	-104.8	-128.2	-145.0	-147.2	-147.6	0.62
	No.2	-76.0	-106.4	-129.1	-145.3	-147.7	-147.6	0.61
	No.3	-74.2	-105.7	-128.0	-144.6	-147.0	-147.1	0.64
	AVE	-75.8	-105.6	-128.4	-145.0	-147.3	-147.4	0.62
	sigma	1.5	0.8	0.6	0.4	0.3	0.3	0.01
-40˚C	No.1	-73.2	-105.5	-129.7	-144.2	-145.6	-145.6	0.66
	No.2	-73.4	-103.0	-128.3	-143.6	-145.9	-145.6	0.68
	No.3	-72.4	-104.5	-127.9	-143.8	-146.0	-146.0	0.66
	AVE	-73.0	-104.3	-128.7	-143.9	-145.8	-145.7	0.67
	sigma	0.5	1.2	1.0	0.3	0.2	0.2	0.01
+85˚C	No.1	-71.5	-103.9	-127.5	-145.4	-149.7	-150.0	0.63
	No.2	-71.1	-104.8	-129.3	-146.2	-149.7	-149.7	0.61
	No.3	-72.9	-104.2	-128.4	-145.8	-149.0	-149.0	0.63
	AVE	-71.8	-104.3	-128.4	-145.8	-149.5	-149.6	0.62
	sigma	0.9	0.5	0.9	0.4	0.4	0.5	0.01
							unit : dBc/Hz	unit : ps

Phase noise

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