

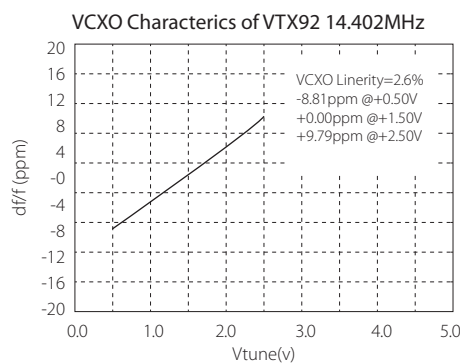
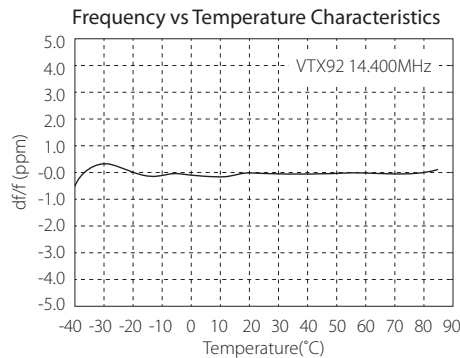
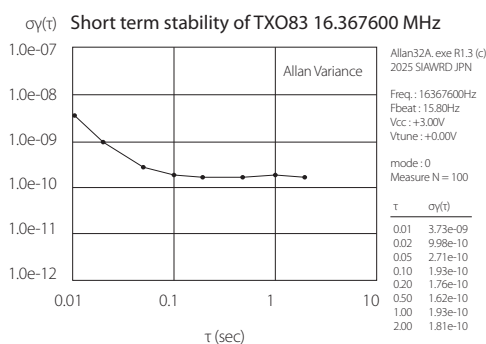
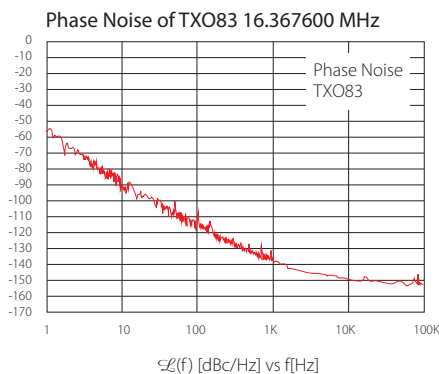
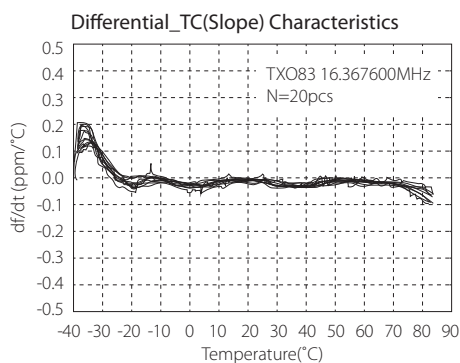
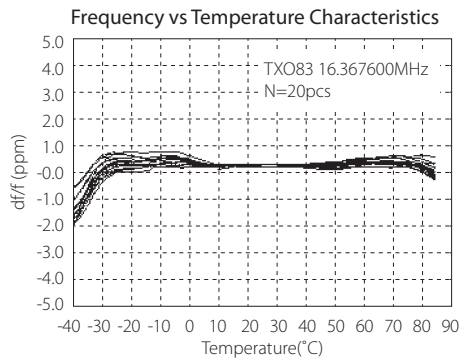
TCXO & VC-TCXO

Application : GPS (5032size TCXO)

TXO83 16.367600MHz as following drawings show characteristics

Application : PDC (3225size VC-TCXO)

VTX92 14.400MHz as following drawings show characteristics



Model	Carrier Offset Frequency					
	1Hz	10Hz	100Hz	1kHz	10kHz	100 kHz
10.0 to 12.5	-62	-90	-118	-139	-149	-152
1.25 to 15.0	-60	-89	-116	-138	-148	-152
15.0 to 17.5	-58	-88	-114	-137	-148	-151
17.5 to 20.0	-56	-87	-112	-136	-147	-151
20.0 to 22.5	-54	-86	-110	-135	-147	-151
22.5 to 25.0	-52	-84	-108	-134	-146	-150
25.0 to 27.5	-50	-82	-107	-133	-145	-150
27.5 to 30.0	-48	-80	-106	-132	-144	-150
30.0 to 32.5	-46	-78	-105	-131	-143	-149
32.5 to 35.0	-45	-76	-104	-130	-143	-149
35.0 to 37.5	-44	-74	-103	-129	-142	-149
37.5 to 40.0	-43	-72	-102	-128	-142	-148
40.0 to 42.5	-42	-70	-101	-127	-141	-148
42.5 to 45.0	-41	-68	-100	-126	-141	-148

Table 2 TCXO 81, 83, 92 series' Typical Phase Noise performance
There would be some variations from lot to lot about ± 3 dBc.
Besides, when the 3225size TCXO 92series are used with frequencies lower than 15MHz, sometimes the frequency division may be applied because of development issue. In this case, the performance could be deferent from the chart above.