

Model TUHS5F24

Item Switching Frequency

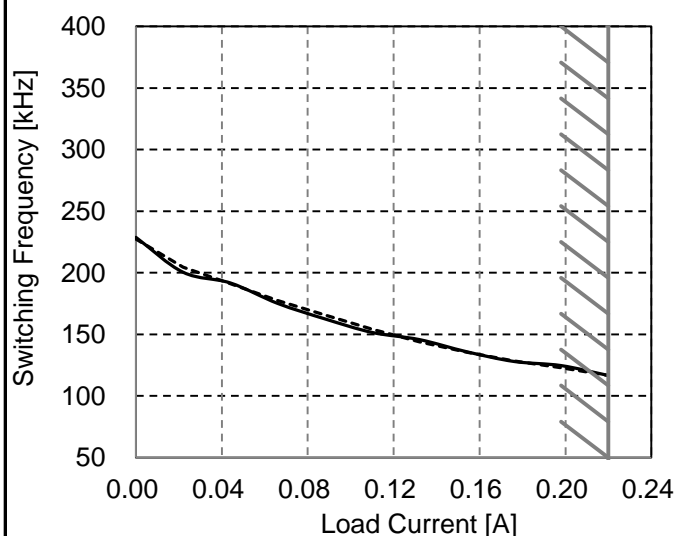
Temperature 25°C
Testing Circuitry Figure A

Object

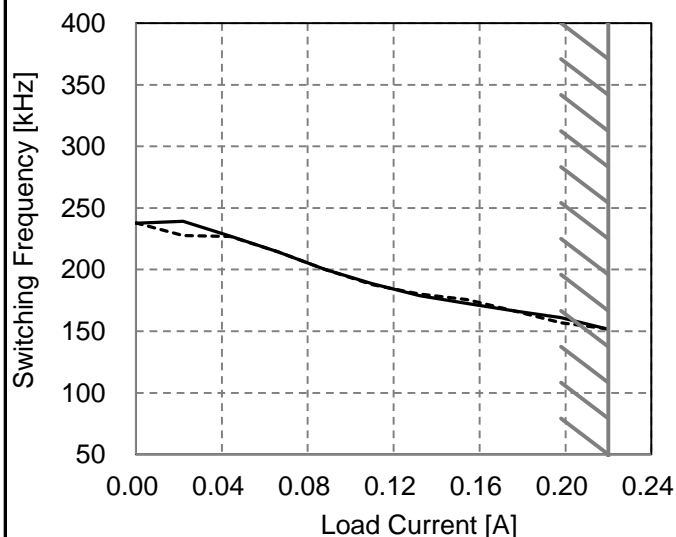
1. Graph

———— Load Increase
----- Load Decrease

Input Voltage : AC100V



Input Voltage : AC200V



2. Values

Load Current [A]	Switching Frequency [kHz]	
	Load Increase (0%→100%)	Load Decrease (100%→0%)
0.00	229	227
0.02	200	204
0.04	192	191
0.07	175	178
0.09	163	166
0.11	152	154
0.13	146	144
0.15	136	135
0.18	128	129
0.20	125	123
0.22	117	117

Load Current [A]	Switching Frequency [kHz]	
	Load Increase (0%→100%)	Load Decrease (100%→0%)
0.00	238	238
0.02	239	228
0.04	227	227
0.07	215	214
0.09	200	200
0.11	189	188
0.13	179	180
0.15	173	176
0.18	167	167
0.20	161	157
0.22	152	152

-Switching frequency of TUHS changes depending on load current and input voltage.
When load current is low, switching frequency becomes high and step down to low frequency at certain point.
There is hysteresis, so characteristic is different between load increase (sweep from 0% to 100%) and load decrease (sweep from 100% to 0%).

-When load current is low, TUHS operates intermittently, so switching frequency would not become constant.