

Model TUHS5F15

Item Switching Frequency

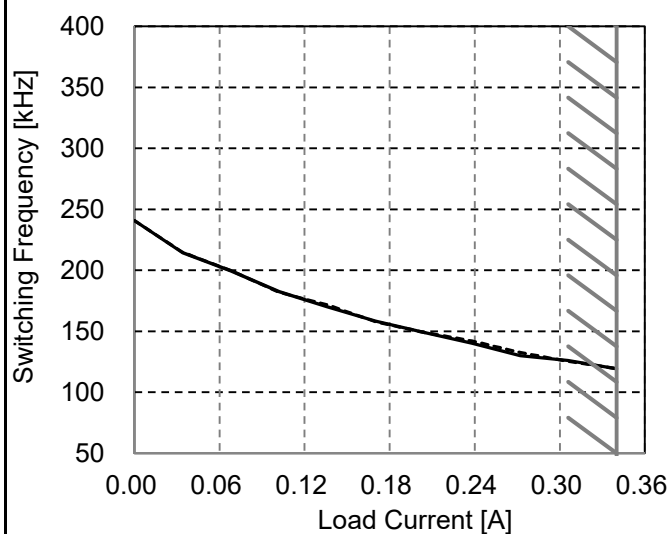
Temperature 25°C  
Testing Circuitry Figure A

Object

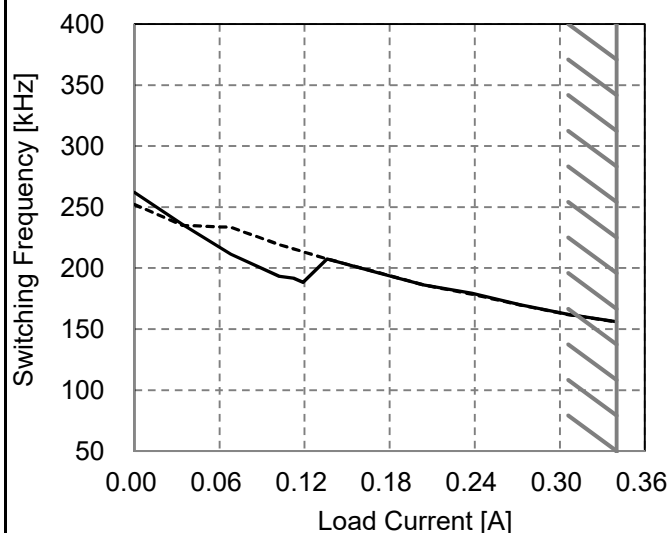
### 1. Graph

— 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	241	241
0.03	214	215
0.07	200	200
0.10	182	182
0.14	170	172
0.17	158	158
0.20	149	149
0.24	140	142
0.27	130	132
0.31	126	125
0.34	119	119

Load Current [A]	Switching Frequency [kHz]	
	Load Increase (0%→100%)	Load Decrease (100%→0%)
0.00	262	252
0.03	236	235
0.07	211	233
0.10	193	219
0.14	207	207
0.17	197	197
0.20	186	186
0.24	179	179
0.27	170	170
0.31	162	162
0.34	156	156

-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.