COSEL

Model	TUHS10F24

Item	Switching Frequency

Temperature 25°C
Testing Circuitry Figure A

Object _____

1.Graph

──────── Load Increase

- - - - - - - Load Decrease

Input Voltage：AC100V
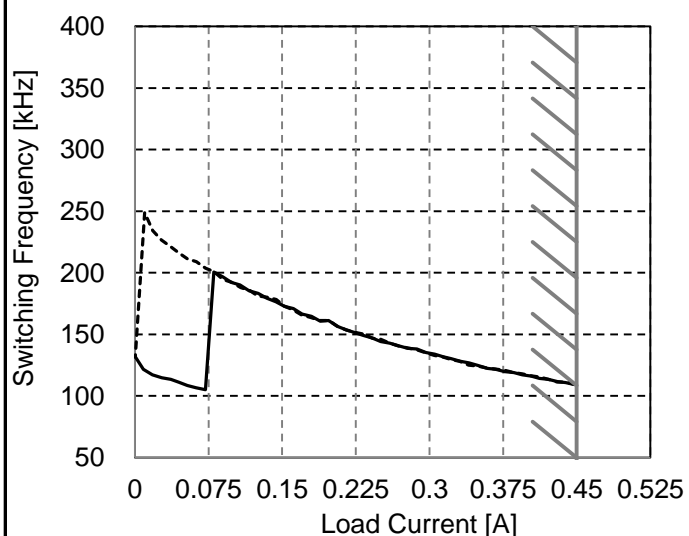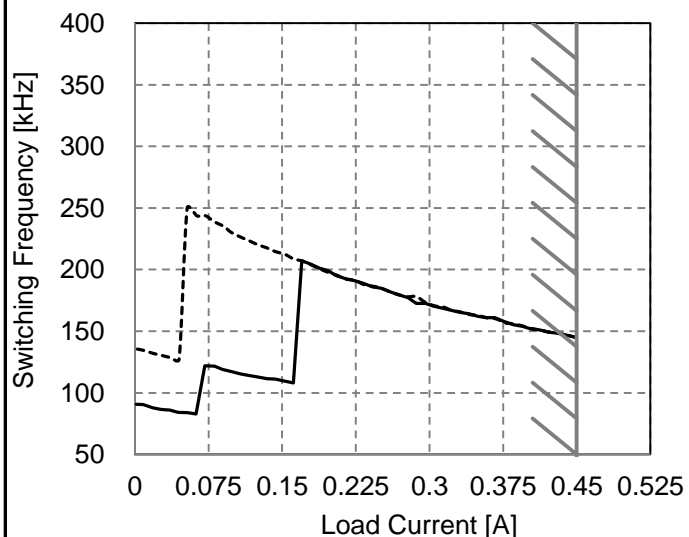
Load Current [A]

2.Values

Load Current [A]	Switching Frequency [kHz]	
	Load Increase (0%→100%)	Load Decrease (100%→0%)
0.00	132	132
0.05	111	216
0.09	197	194
0.14	179	180
0.18	165	164
0.23	152	152
0.27	141	140
0.32	132	132
0.36	122	123
0.41	116	116
0.45	109	109

Input Voltage：AC200V

Load Current [A]

Load Current [A]	Switching Frequency [kHz]	
	Load Increase (0%→100%)	Load Decrease (100%→0%)
0.00	91	136
0.05	84	127
0.09	119	239
0.14	111	218
0.18	204	204
0.23	191	191
0.27	179	180
0.32	169	170
0.36	161	161
0.41	152	152
0.45	145	145

-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.