COSEL

Model	TUHS15F12

Item	Switching Frequency

Temperature 25°C
Testing Circuitry Figure A

Object ——————————

1.Graph

—————— Load Increase

- - - - - - Load Decrease

Input Voltage：AC100V
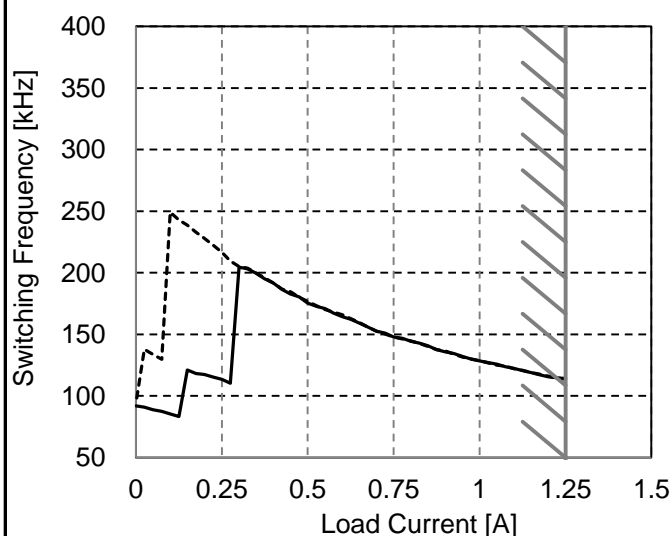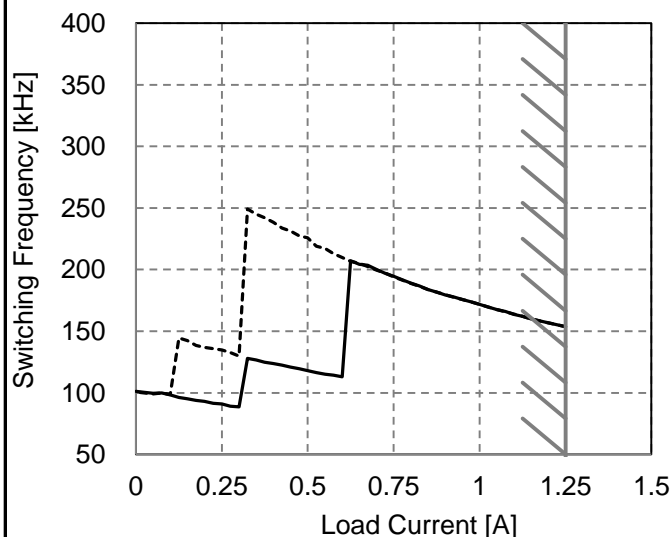
2.Values

Load Current [A]	Switching Frequency [kHz]	
	Load Increase (0%→100%)	Load Decrease (100%→0%)
0.00	92	94
0.13	83	243
0.25	113	222
0.38	195	200
0.50	176	180
0.63	162	166
0.75	148	150
0.88	138	140
1.00	128	129
1.13	121	121
1.25	114	114

Input Voltage：AC200V

Load Current [A]	Switching Frequency [kHz]	
	Load Increase (0%→100%)	Load Decrease (100%→0%)
0.00	101	101
0.13	96	145
0.25	91	136
0.38	125	245
0.50	118	227
0.63	207	210
0.75	195	197
0.88	182	184
1.00	172	172
1.13	162	162
1.25	154	154

-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.