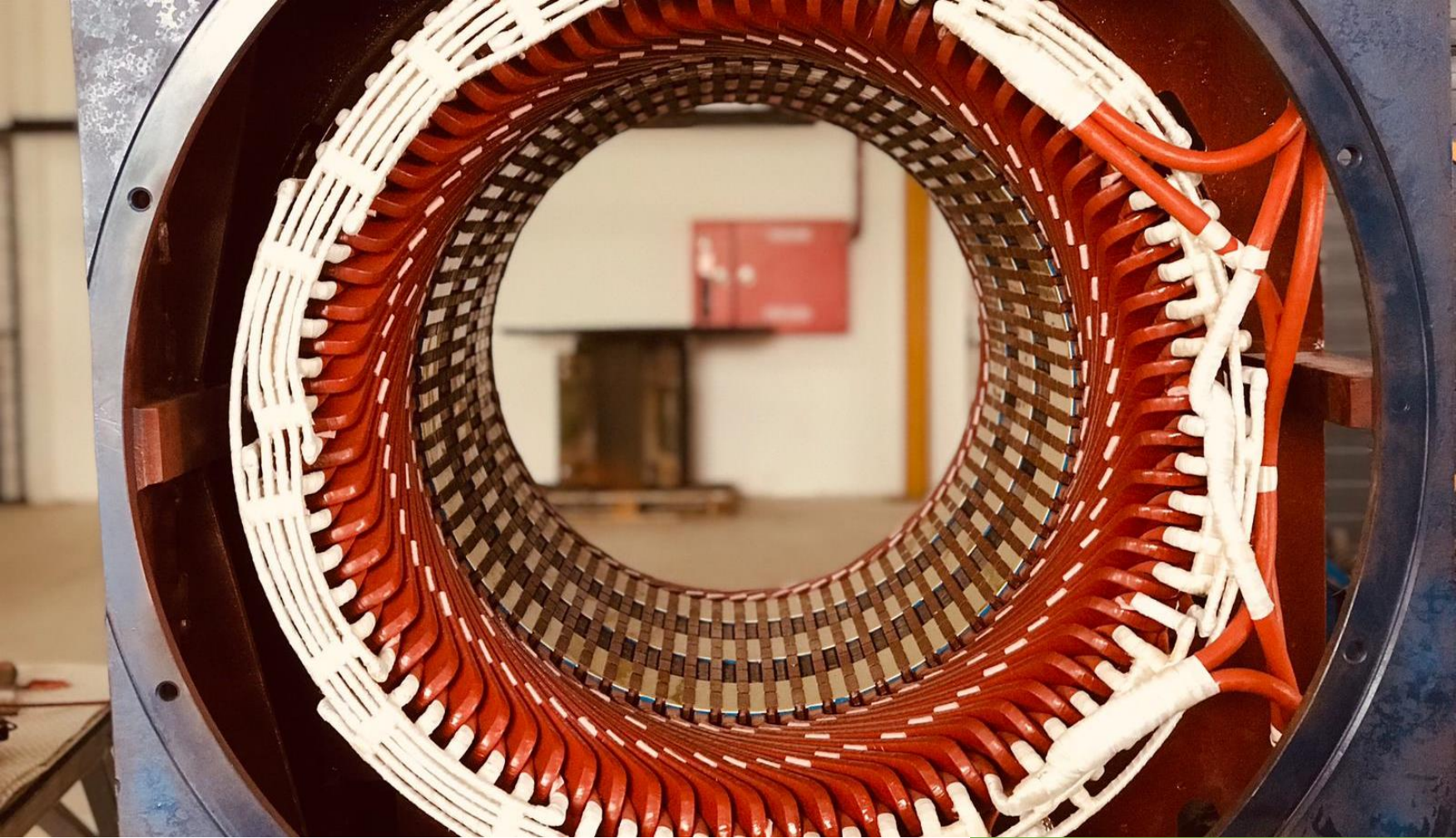


## 950 kW ÖRNEK MOTOR RAPORU





## GENEL RAPOR

### GENEL BİLGİLER

İşletme Adı :  
İşletme Adresi :  
İlgili Kişi :  
Telefon :  
E-Posta :  
Yapılan İşlem :  
Takip No :

### MOTOR BİLGİLERİ

Marka	: GANZ ANSALDO	Güç (kW)	: 950
Tip	: FTC 500K4	Gerilim (V)	: 6600
Seri No	: 450292 / 1999	Akım (A)	: 93
Bağlantı	: Y	Devir (d/d)	: 1482
Koruma Sınıfı	: IP54	Frekans (Hz)	: 50
İzolasyon Sınıfı	: F	Cosφ	: 0,89



### AÇIKLAMA

- Motor ısıtıcı kabloları yenilendi, montajları yapıldı.
- 6 adet PT100 sargı sıcaklık sensörleri yenilendi.
- Motor klemens sapları yenilendi.

Montaj / Demontaj Operatörü	Kontrol ve Test Sorumlusu	Genel Müdür
Hakan ALLAK	Elektrik ve Elektronik Yüksek Mühendisi Coşkun ARSLAN	Numan OMURCA



## RESİMLER





STATİK TEST

Resistance / Inductance / Capacitance Results

KANGAL TS\450292\05/20/2019 12:55:59 PM

Temperature 62.60 [°F]

Resistance

	Lead 1-2	Lead 2-3	Lead 3-1	Unbalance [%]	Average
DC Resistance [mΩ]	487.8256	488.2686	487.9962	0.0	488.0301
Temp Corrected R [mΩ]	493.6187	494.1247	493.8211		493.8548

Inductance

Frequency [Hz]	60.0	60.0	60.0		
Impedance [mΩ]	24.002	24.004	23.980	0.1	23.995
Impedance Ang [°]	88.7	88.7	88.7	0.0	88.7
Inductance [mH]	63.649	63.655	63.592	0.1	63.632
Dissipation Factor	0.023	0.023	0.023		
Quality Factor	42.613	43.071	43.051		

## DC Test Results

KANGAL TS\450292\05/20/2019 01:27:12 PM

Temperature [°F] 62.6 Relative Humidity [%] 55.0

### IR Results

Voltage [V]	I [μA]	IR [MΩ]	IR [MΩ] Corrected 40°C (Thermoplastic)
5090	1.471	3460	3039

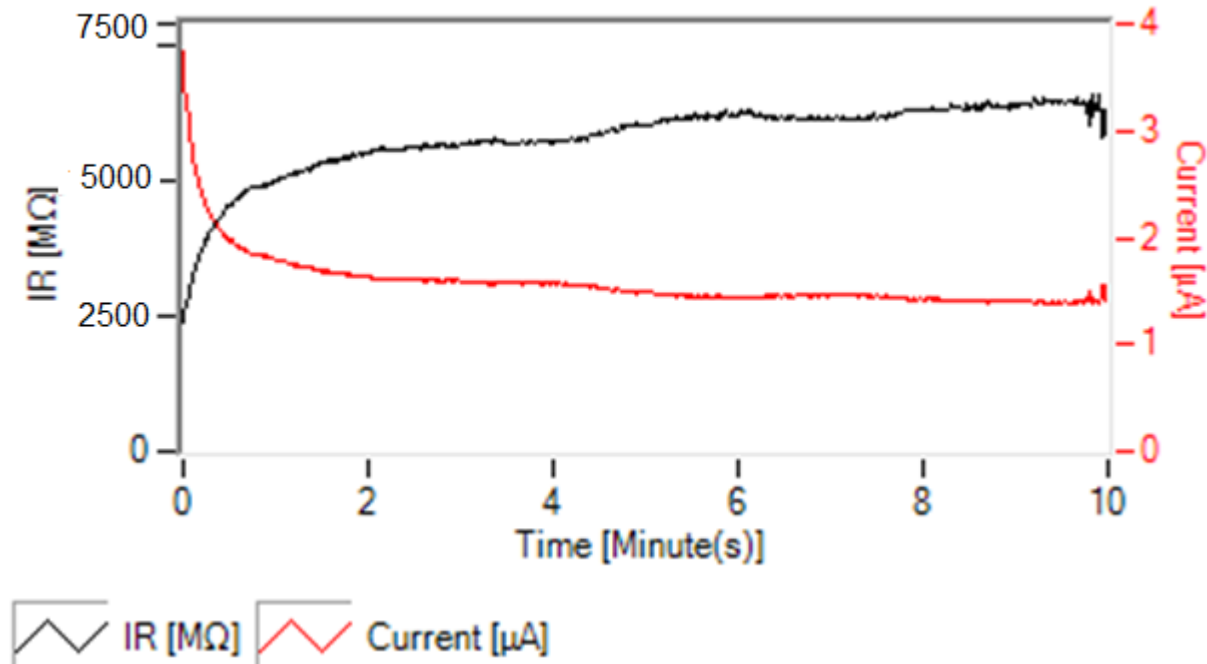
### DA/PI Results

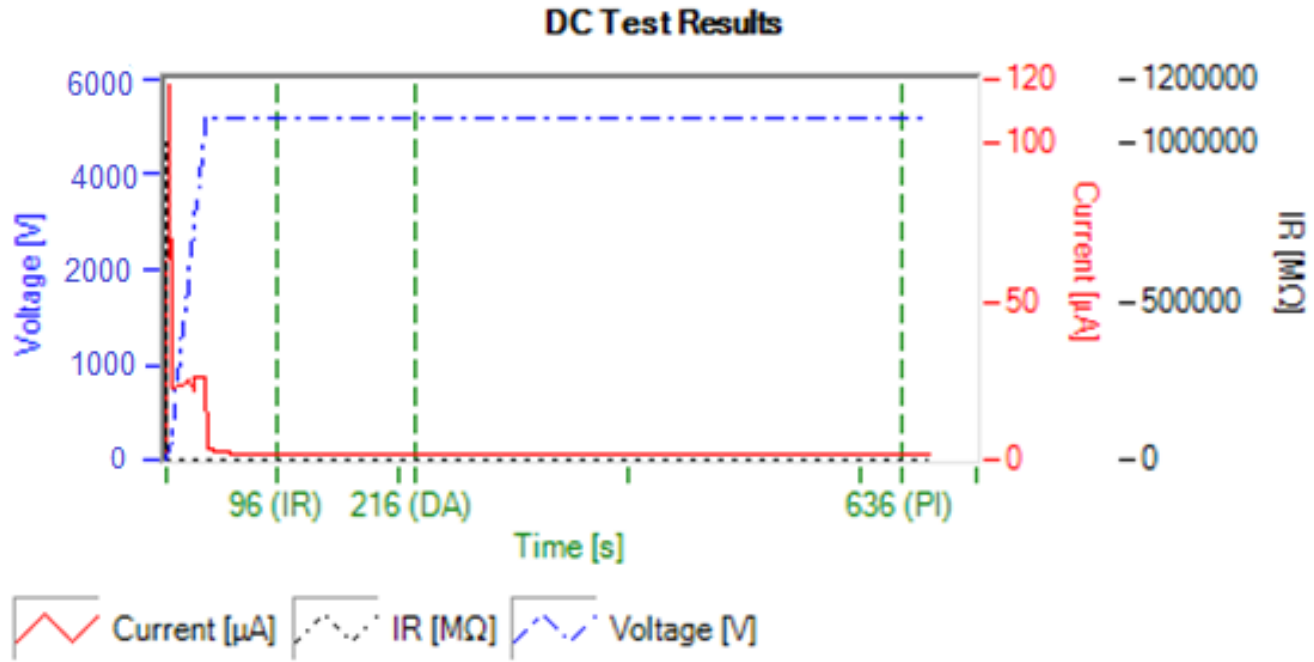
Voltage [V]	DA Ratio	PI Ratio
5090	2.1	2.4

### DA/PI Results

Time [Minute(s)]	Voltage [V]	I [μA]	IR [MΩ]
00:15	5090	2.125	2860.87
00:30	5090	1.954	3013.13
00:45	5090	1.875	3240.54
01:00	5090	1.474	3460.55
01:30	5090	1.265	4024.26
02:00	5090	1.245	4089.02
02:30	5090	0.971	5243.75
03:00	5090	0.953	5343.78
04:00	5090	0.942	5401.28
05:00	5090	0.864	5893.33
06:00	5090	0.786	6475.86
07:00	5090	0.766	6642.18
08:00	5090	0.737	6910.49
09:00	5090	0.721	7064.29
10:00	5090	0.700	7266.64

DA/PI Graph





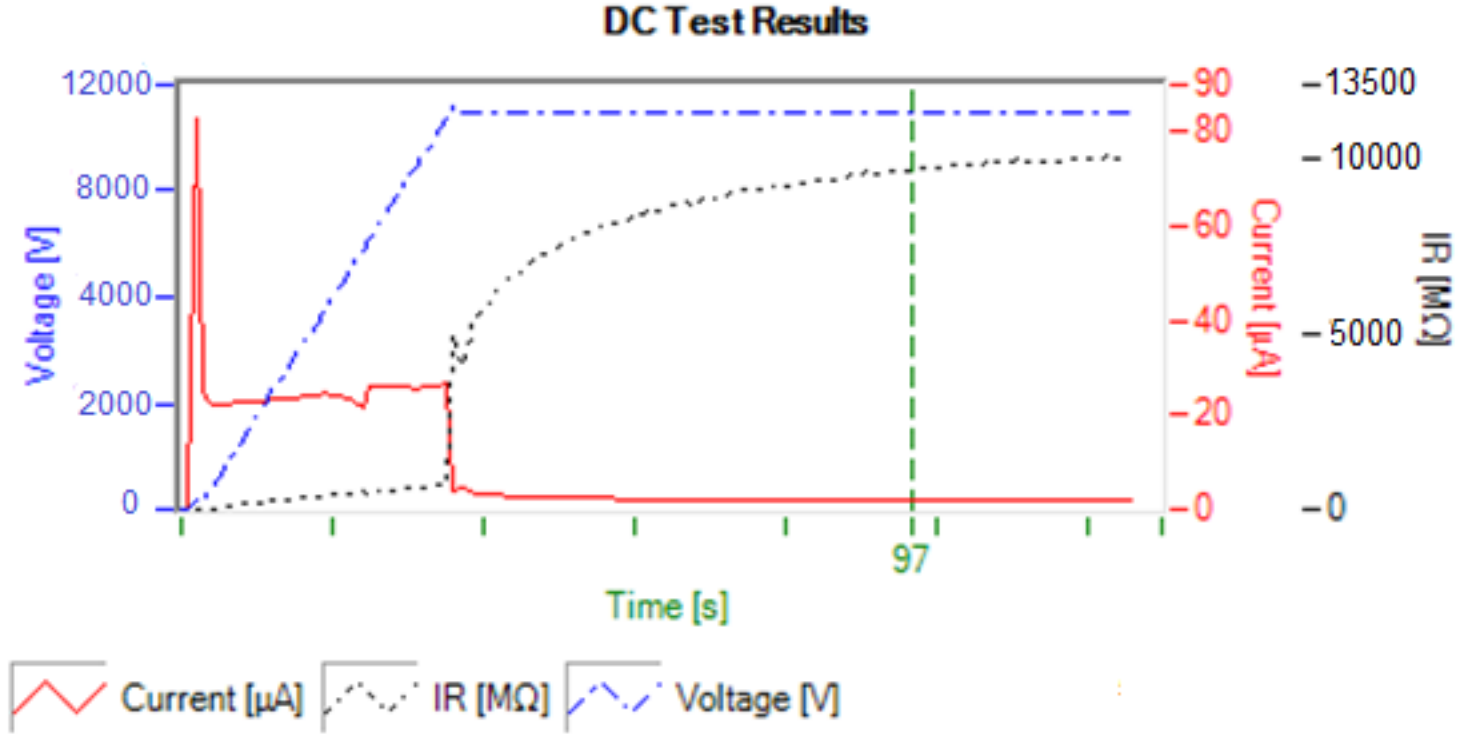
### DC Test Results

KANGAL TS\450292\05/20/2019 01:11:05 PM

Temperature [°F] 62.6    Relative Humidity [%] 55.0

#### HiPot Result

Voltage [V]	I [µA]	IR [MΩ]	IR [MΩ] Corrected 40°C (Thermoplastic)
10090	1.015	9938	8731



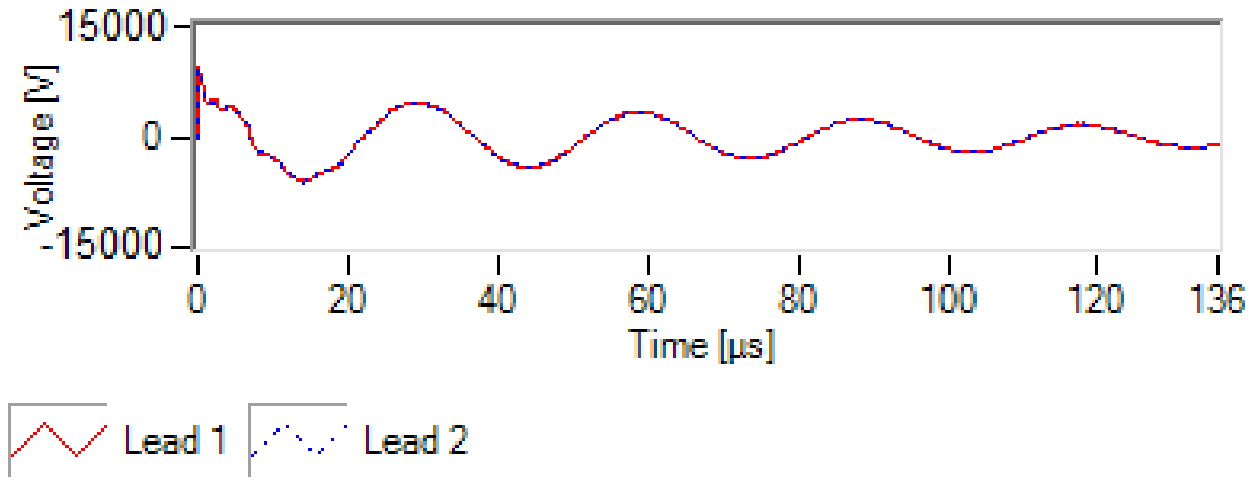
## Surge Lead-to-Lead Comparison

KANGAL TS\450292\05/20/2019 01:31:06 PM

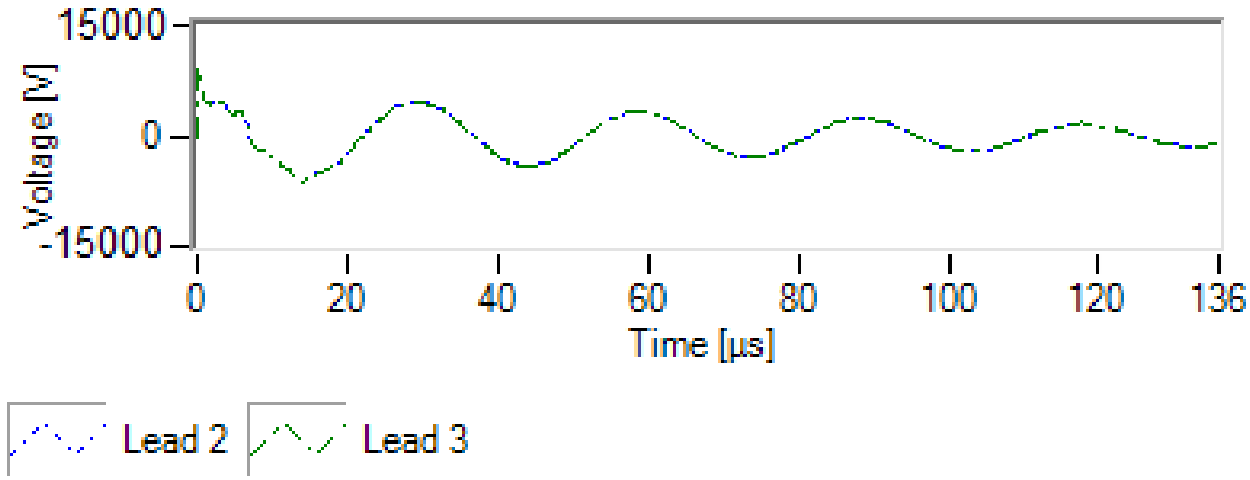
L-L Limit 5

Compare	Peak Voltage [V]	Number of Pulses	LL EAR Status	L-L EAR [%]
1-2	10090	3	PASS	2
2-3	10090	15	PASS	2
3-1	10090	24	PASS	3

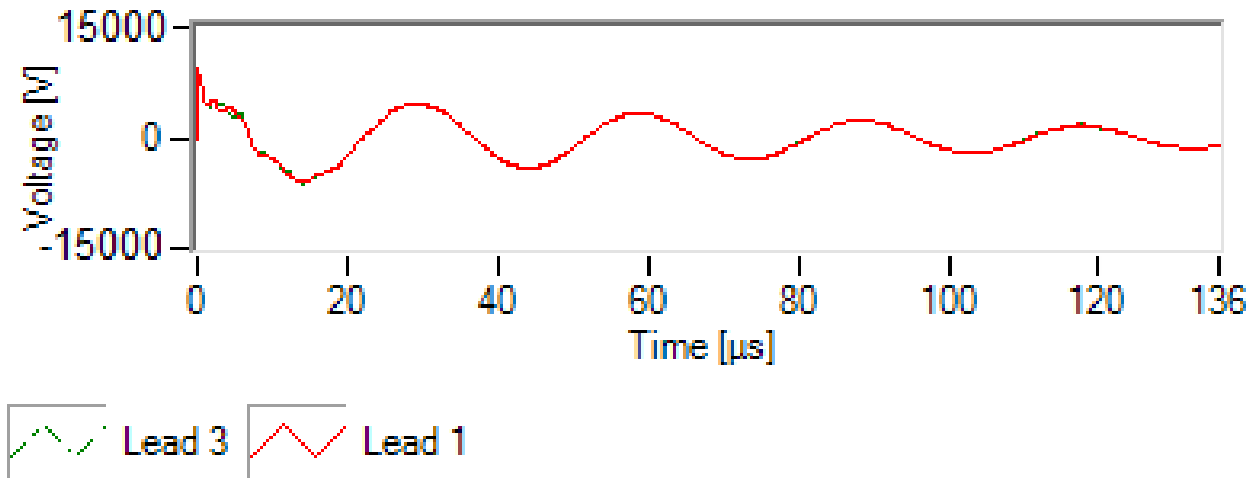
Lead 1 - 2 EAR: 2%



Lead 2 - 3 EAR: 2%



Lead 3 - 1 EAR: 3%



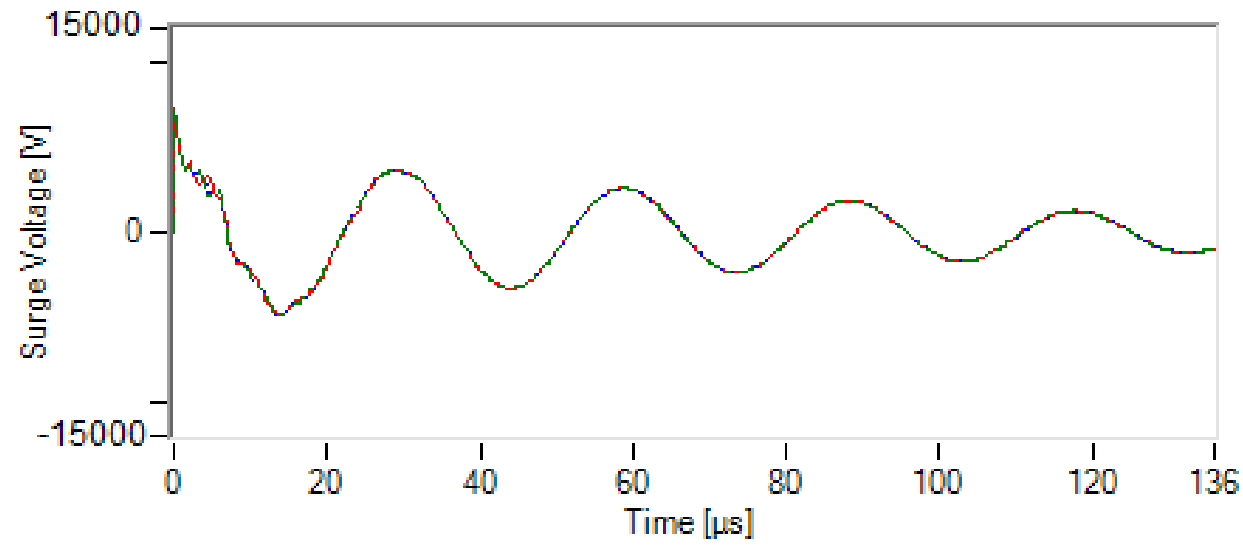
### Surge 3-Phase Summary

KANGAL TS\450292\05/20/2019 01:31:06 PM

P-P Limit 10

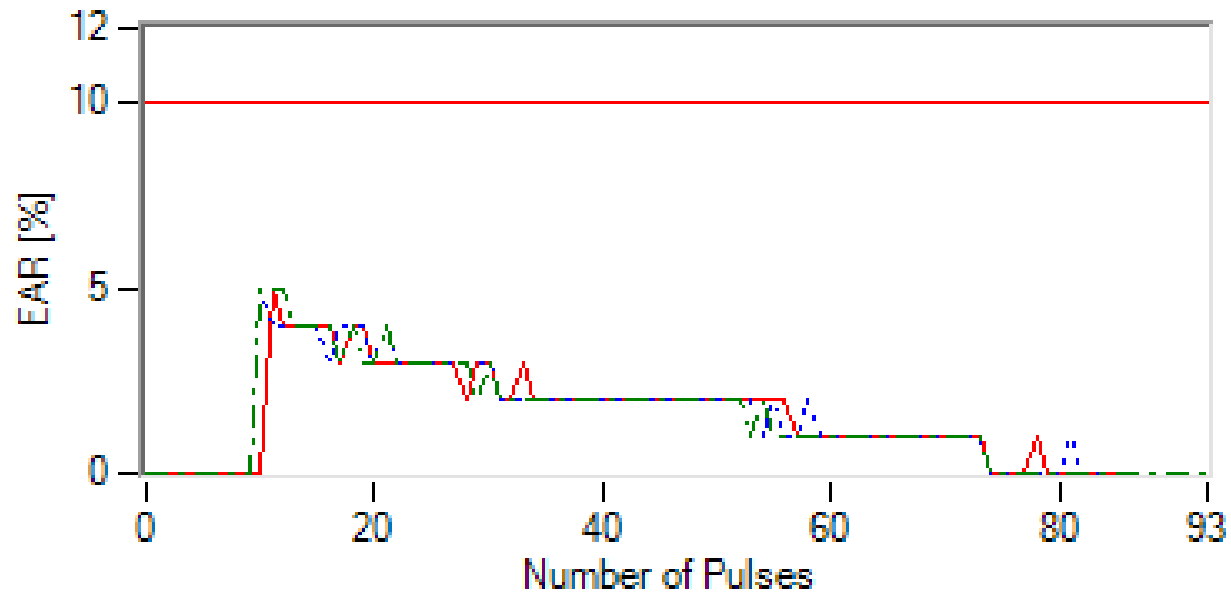
Lead	Peak Voltage [V]	Number of Pulses	PP EAR Status	Max P-P EAR [%]
1	10090	3	PASS	5
2	10090	15	PASS	5
3	10090	24	PASS	5

### Surge 3-Phase Summary



Lead 1 Lead 2 Lead 3

### Pulse-to-Pulse EAR



### AÇIKLAMA

Montaj / Demontaj Operatörü	Kontrol ve Test Sorumlusu	Genel Müdür
Hakan ALLAK	Elektrik ve Elektronik Yüksek Mühendisi Coşkun ARSLAN	Numan OMURCA