



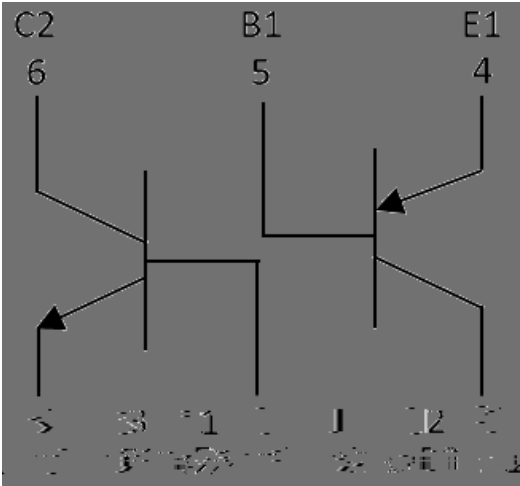
00'7

'XDO 131 313 6PDOO 6LJQDO 7UDQVI

)HDWXUHV  
" (SR[\ PHHWV 8/ODPDELOLW\ UDWLQJ  
" 6XUIDFH PRXQWLSDOOD\ \$XWPHWIRU ,QVHUW  
" 131 313

QAFKQSLFSDHOCWBDHGV VROGHUDEOH  
- 67' DQG -(6' %  
" 0DUNLQJ

v(TXLYDOHQW FLUFXLW



v2UGHULQJ ,QIRQDBWQRQ

|              |                  |                |                         |                          |                              |                |
|--------------|------------------|----------------|-------------------------|--------------------------|------------------------------|----------------|
| 35()(5(' 3 1 | 3\$&.,1<br>&2'(' | 81,7 :(',*+7 J | 0,1,080<br>3\$&.\$*( SF | ,11(5 %2;<br>48\$17,7< S | 287(5 &\$572<br>48\$17,7< SF | '(/,9(5< 02'(' |
| 00'7         | )                | \$SSUR[LPDWH J |                         |                          |                              |                |



00'7

v75 313 3ÃQÃ 0D[LPXP 5DWLDQJV8QOHVV RWKHUÃLVH VSHFLILHG

| ,WHP                        | 6\PERO | 8QLW         | &RQGLWLRQV | 9DOXH   |
|-----------------------------|--------|--------------|------------|---------|
| &ROOHFWRU %DVH 9ROWDJH      |        |              | 9&%2 9 ,&  | \$ , (  |
| &ROOHFWRU (PLWWHU 9ROWDJH   |        |              | 9&(2 9 ,&  | P\$ , % |
| (PLWWHU %DVH 9ROWDJH        |        | 9 ( %2 9 , ( | \$ , &     |         |
| &ROOHFWRU &XUHQW &RQWLQXRXV |        |              | ,& P\$     |         |
| 7RWDO 'HYLFH 'LVVLSDWLRQ    |        |              | 3& P:      |         |
| -XQFWLRQ 7HPSHUDWXUH        |        |              | 7M         |         |
| 6WRUDJH 7HPSHUDWXUH         |        | 767*         |            | WR      |

v75 313 3ÃQÃ (OHFWULFDO &KDUDFWHQHWWLRWKHUÃLVH VSHFLILHG

| ,WHP | 6\PERO | 8QLV | &RQGLWLRQV | 0LQ | 7<3 |
|------|--------|------|------------|-----|-----|
|------|--------|------|------------|-----|-----|



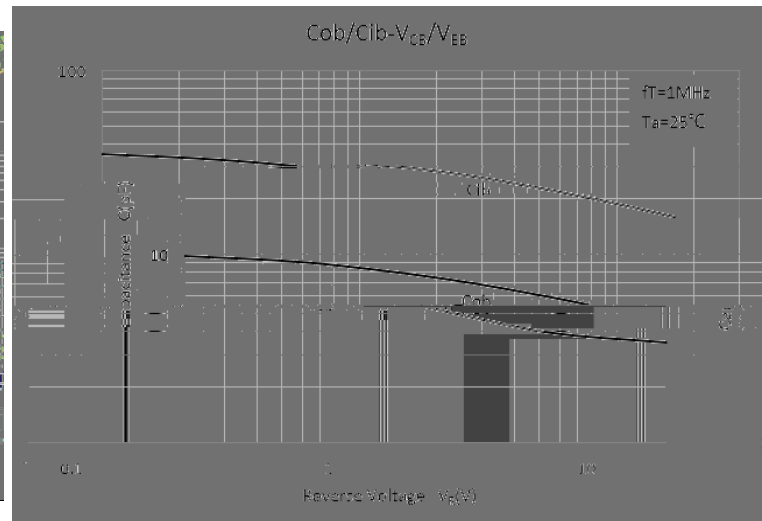
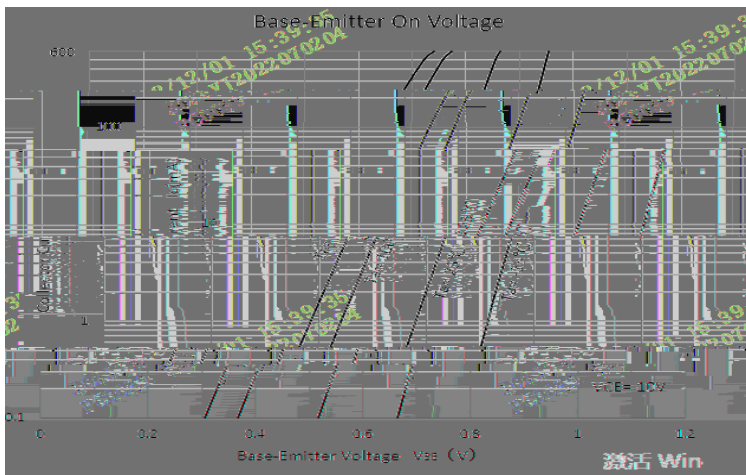
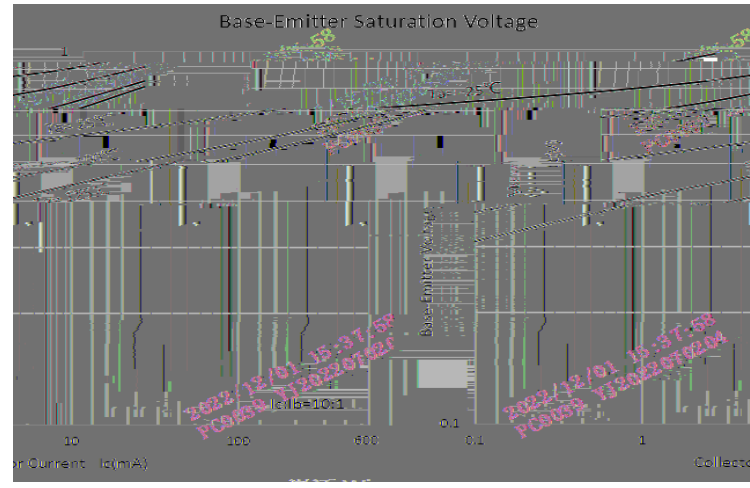
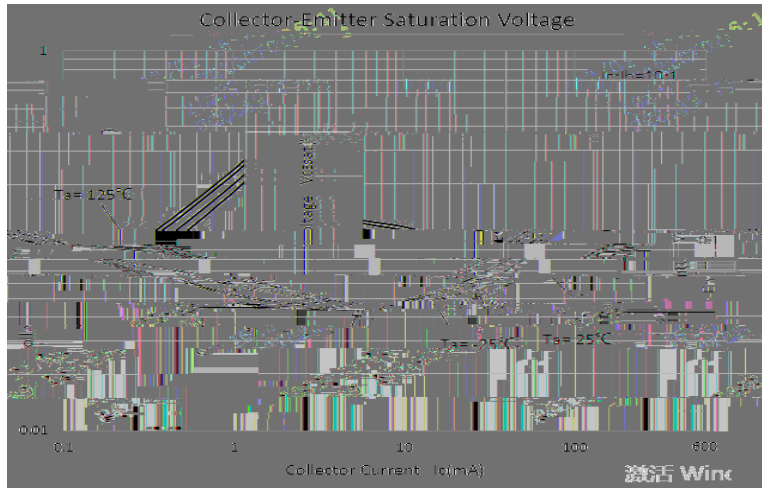
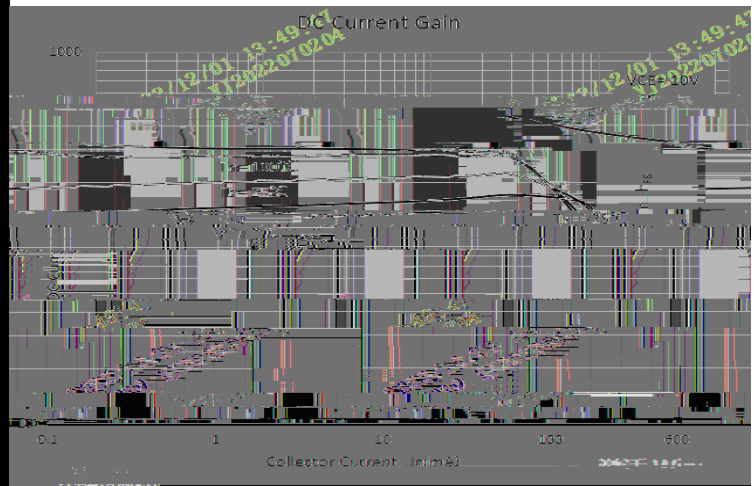
00'7

v75 131 3ÃQÃ 0D[LPXP 5DWIDQJV8QOHVV RWKHUÃLVH VSHFLILHG

| ,WHP                      | 6\PERO | 8QLW | &RQGLWLRQV   | 9DOXH    |
|---------------------------|--------|------|--------------|----------|
| &ROOHFWRU %DVH 9ROWDJH    |        |      | 9 & % 2 9 ,& | \$ , (   |
| &ROOHFWRU (PLWWHU 9ROWDJH |        |      | 9 & ( 2 9 ,& | P \$ , % |

v 75 313 3L 3 &KDUDFWH0LSLVDFOV

v 75 131 3A Q & KDUDFWH ØLSLVF DRØV





The schematic diagram illustrates the experimental setup for studying the effect of the distance between the electrodes on the discharge characteristics of a dielectric barrier discharge. The setup includes a discharge cell with a central electrode (E1) and two side electrodes (E2 and E3). The distance between the electrodes is labeled 'e'. The discharge cell is connected to a power supply and a measuring device. The measuring device is connected to a computer, which displays the results of the measurements in a table.

| Parameter | MIN   | MAX   | MIN   | MAX   |
|-----------|-------|-------|-------|-------|
| A         | 0.005 | 0.008 | 0.0   | 0.0   |
| A1        | 0     | 0.004 | 0     | 0     |
| A2        | 0.005 | 0.008 | 0.0   | 0.0   |
| b         | 0.003 | 0.004 | 0.003 | 0.004 |
| c         | 0.003 | 0.004 | 0.003 | 0.004 |
| d         | 0.003 | 0.004 | 0.003 | 0.004 |
| e         | 0.003 | 0.004 | 0.003 | 0.004 |
| f         | 0.003 | 0.004 | 0.003 | 0.004 |
| g         | 0.003 | 0.004 | 0.003 | 0.004 |
| h         | 0.003 | 0.004 | 0.003 | 0.004 |
| i         | 0.003 | 0.004 | 0.003 | 0.004 |
| j         | 0.003 | 0.004 | 0.003 | 0.004 |
| k         | 0.003 | 0.004 | 0.003 | 0.004 |
| l         | 0.003 | 0.004 | 0.003 | 0.004 |
| m         | 0.003 | 0.004 | 0.003 | 0.004 |
| n         | 0.003 | 0.004 | 0.003 | 0.004 |
| o         | 0.003 | 0.004 | 0.003 | 0.004 |
| p         | 0.003 | 0.004 | 0.003 | 0.004 |
| q         | 0.003 | 0.004 | 0.003 | 0.004 |
| r         | 0.003 | 0.004 | 0.003 | 0.004 |
| s         | 0.003 | 0.004 | 0.003 | 0.004 |
| t         | 0.003 | 0.004 | 0.003 | 0.004 |
| u         | 0.003 | 0.004 | 0.003 | 0.004 |
| v         | 0.003 | 0.004 | 0.003 | 0.004 |
| w         | 0.003 | 0.004 | 0.003 | 0.004 |
| x         | 0.003 | 0.004 | 0.003 | 0.004 |
| y         | 0.003 | 0.004 | 0.003 | 0.004 |
| z         | 0.003 | 0.004 | 0.003 | 0.004 |

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00'7

'LVFODLPHU

7KH LQIRUPDWLRQ SURGXFWLQJ LQ WKH QDWXUH RI WKH RQOMLH (OHFWURQLF 7HHQRO  
ULJKW WR PDNH FKDLQJ VRZLWKRXV KRWLURGXFWV GLWSOD\HG KHUHLQ WRGLHPSURY  
RU RWKHUZZLVH

7KH SURGXFW OLVWHG KHUHLQ LV GHOLDFWGRFHTXVLSHQLWKRURGLYLFHVVWIDQG