#### EXHIBIT D

[FCC Ref. 2.1033(b)(6)]

"Report of Measurements"

Exhibit D(1)-1 to D(1)-19 - Test Data/Measurements
Exhibit D(2)-1 to D(2)-3 - Test Equipment List and Measurement
Facility (3 Meter Site)
Exhibit D(3)-1 to D(3)-2 - Test Set-Up Photo
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## **PRODUCT DESCRIPTION**

The Model 26989XXX-A is a single-line cordless telephone with caller ID and separate charger that operates from 902 MHz to 928 MHz. The antenna used for the base and the handset is permanently attached to the EUT. Its actual frequency range is:

Base:

902.80 MHz to 904.75 MHz

Handset:

925.30 MHz to 927.25 MHz

A complete frequency list is shown on the following pages.

## 900MHz FREQUENCY TABLE (WIDE BAND)

TX			BASE			HAND		
1         925.3         902.8         892.1         902.85         925.35           2         925.35         902.85         892.15         902.85         925.35         3           3         925.4         902.9         892.2         902.95         925.45         6           4         925.45         902.95         892.25         902.95         925.45         6           5         925.5         903         892.35         903.05         925.55         9           6         925.55         903.15         892.45         903.1         925.6         9           8         925.65         903.1         892.45         903.15         925.65         9           9         925.7         903.2         892.5         903.15         925.65         9           9         925.7         903.2         892.5         903.2         925.7         9           10         925.75         903.25         892.55         903.3         925.75         9           11         925.8         903.3         892.65         903.3         925.85         9           12         925.85         903.35         892.65         903.35         92	CAL	Tr		TX	LOCAL	RX	TX	CH
2 925.35 902.85 892.15 902.85 925.35 9 3 925.4 902.9 892.2 902.9 925.4 9 4 925.45 902.95 892.25 902.95 925.45 9 5 925.5 903 892.3 903 925.5 9 6 925.55 903.05 892.35 903.05 925.55 9 7 925.6 903.1 892.4 903.1 925.6 9 8 925.65 903.15 892.45 903.15 925.65 9 9 925.7 903.2 892.5 903.2 925.7 9 10 925.75 903.25 892.55 903.25 925.75 9 11 925.8 903.3 892.6 903.3 925.8 9 12 925.85 903.35 892.65 903.35 925.85 9 13 925.9 903.4 892.7 903.4 925.9 9 14 925.95 903.45 892.75 903.45 925.9 9 15 926 903.5 892.8 903.5 926.05 9 16 926.05 903.65 892.8 903.5 926.05 9 17 926.1 903.6 892.9 903.6 926.1 9 18 926.2 903.7 893 903.7 926.2 9 20 926.25 903.75 893.05 903.85 926.3 9 21 926.3 903.8 893.1 903.8 926.3 9 22 926.35 903.85 893.15 903.85 926.3 9 23 926.4 903.9 893.2 903.9 926.4 9 24 926.45 903.95 893.25 903.9 926.4 9 24 926.45 903.95 893.25 903.9 926.4 9 24 926.45 903.95 893.25 903.9 926.4 9 25 926.5 904.05 893.35 904.05 926.5 9 26 926.5 904.05 893.35 904.05 926.5 9 27 926.6 904.1 893.4 904.1 926.6 9 28 926.7 904.2 893.5 904.25 926.75 9 31 926.8 904.35 893.65 904.25 926.75 9 32 926.7 904.2 893.5 904.25 926.75 9 33 926.9 904.4 893.7 904.4 926.9 9 34 926.95 904.45 893.75 904.45 926.95 9 35 904.55 893.85 904.55 926.85 9 36 927.05 904.55 893.85 904.55 926.95 9 36 927.15 904.66 893.9 904.66 927.1 9 38 927.15 904.66 893.9 904.66 927.1 9 38 927.15 904.66 893.9 904.66 927.1 9	930	_		902.8	892.1	902.8	925.3	
3 925.4 902.9 892.2 902.9 925.4 4 925.45 902.95 892.25 902.95 925.45 6 925.5 903.05 892.35 903.05 925.5 6 925.55 903.05 892.35 903.05 925.55 903.05 892.35 903.05 925.65 903.1 892.4 903.1 925.6 99.25.6 903.1 892.4 903.1 925.6 99.25.7 903.2 892.5 903.2 925.7 99.25.7 903.2 892.5 903.2 925.7 99.25.8 99.25.7 903.2 892.5 903.2 925.7 903.2 892.5 903.2 925.7 903.2 892.5 903.2 925.7 903.2 892.5 903.2 925.7 903.2 892.5 903.2 925.7 903.2 892.5 903.2 925.7 903.2 925.7 903.2 892.5 903.2 925.7 903.2 925.7 903.2 892.5 903.2 925.7 903.2 925.7 903.2 925.8 903.3 892.6 903.3 925.8 925.8 903.3 892.6 903.3 925.8 925.8 903.3 892.6 903.3 925.8 925.9 903.4 892.7 903.4 925.9 903.4 892.7 903.4 925.9 903.4 925.9 903.4 925.9 903.4 892.7 903.4 925.9 903.4 925.9 903.4 925.9 903.4 925.9 903.4 925.9 903.4 925.9 903.4 925.9 903.4 925.9 903.4 925.9 903.4 925.9 903.4 925.9 903.4 925.9 903.4 925.9 903.4 925.9 903.4 926.0 903.5 892.8 903.5 926.0 926.0 903.5 892.8 903.5 926.0 926.0 903.5 892.8 903.5 926.0 926.1 926.1 903.6 892.9 903.6 926.1 926.1 926.1 903.6 892.9 903.6 926.1 926.2 903.7 893 903.7 926.2 926.2 903.7 893 903.7 926.2 926.2 903.7 893 903.7 926.2 926.3 903.8 893.1 903.8 926.3 926.4 926.3 903.8 893.1 903.8 926.3 926.4 926.5 903.85 893.15 903.85 926.3 926.4 926.4 926.4 903.9 893.2 903.9 926.4 926.5 926.5 904.05 893.35 904.05 926.5 926.5 926.5 904.05 893.35 904.05 926.5 926.5 926.6 904.1 893.4 904.1 926.6 926.5 926.6 904.1 893.4 904.1 926.6 926.5 926.7 904.2 893.5 904.2 926.7 926.6 904.1 893.4 904.1 926.6 926.7 926.8 904.3 893.6 904.3 926.8 927.1 904.6 893.7 904.4 926.9 927.1 904.6 893.7 904.6 927.1 926.6 927.1 904.6 893.9 904.6 927.1 926.6 927.1 904.6 893.	936.0				892.15	902.85		
4         925.45         902.95         892.25         902.95         925.45         9           5         925.5         903         892.35         903.05         925.55         9           6         925.55         903.05         892.35         903.05         925.55         9           7         925.6         903.1         892.4         903.1         925.65         9           8         925.7         903.2         892.5         903.25         925.7         9           10         925.75         903.25         892.55         903.25         925.75         9           11         925.8         903.3         892.6         903.3         925.8         9           11         925.8         903.3         892.6         903.3         925.85         9           12         925.85         903.35         892.65         903.35         925.85         9           13         925.9         903.4         892.75         903.45         925.95         9           14         925.95         903.5         892.8         903.5         926.05         9           15         926         903.5         892.8         903.5 <td>936.</td> <td>_</td> <td></td> <td></td> <td>892.2</td> <td>902.9</td> <td></td> <td></td>	936.	_			892.2	902.9		
5         925.5         903         892.3         903.05         925.55         9           7         925.6         903.1         892.4         903.1         925.6         9           8         925.65         903.15         892.45         903.15         925.65         9           9         925.7         903.2         892.55         903.25         925.75         9           10         925.75         903.25         892.55         903.25         925.75         9           11         925.8         903.3         892.6         903.3         925.8         9           12         925.85         903.35         892.65         903.35         925.85         9           13         925.9         903.4         892.7         903.4         925.9         9           14         925.95         903.45         892.75         903.45         925.95         9           14         925.95         903.45         892.77         903.4         925.95         9           15         926         903.5         892.8         903.5         926.05         9           16         926.95         903.6         892.85         903.5 </td <td>936.1</td> <td>_</td> <td></td> <td></td> <td>892.25</td> <td>902.95</td> <td></td> <td></td>	936.1	_			892.25	902.95		
6 925.55 903.05 892.35 903.05 925.55 9 7 925.6 903.1 892.4 903.1 925.6 9 8 925.65 903.15 892.45 903.15 925.65 9 9 925.7 903.2 892.5 903.2 925.7 903.2 892.55 903.25 925.75 903.25 892.55 903.25 925.75 903.25 892.55 903.25 925.75 903.25 892.55 903.25 925.85 903.25 925.85 903.35 892.65 903.35 925.85 903.35 925.85 903.45 892.75 903.45 925.95 903.45 892.75 903.45 925.95 903.45 892.75 903.45 925.95 903.45 892.85 903.55 926.05 903.55 892.85 903.55 926.05 903.55 892.85 903.55 926.05 903.65 892.85 903.65 926.1 926.2 903.7 893 903.7 926.2 903.7 893 903.7 926.2 903.7 893 903.7 926.2 903.7 893.05 903.75 926.25 903.85 893.15 903.85 926.35 903.85 926.35 903.85 926.35 903.85 926.35 903.85 926.35 903.85 926.35 903.85 926.35 903.85 926.35 903.85 926.45 903.9 926.4 903.9 893.2 903.9 926.4 926.45 903.95 893.25 903.95 926.45 926.25 926.55 904.05 893.35 904.05 926.55 926.7 926.6 904.1 893.4 904.1 926.6 926.7 926.6 904.1 893.4 904.1 926.6 926.7 926.8 904.15 893.45 904.25 926.75 904.25 893.55 904.25 926.75 904.25 893.55 904.25 926.7 904.2 893.5 904.25 926.75 904.25 893.55 904.25 926.75 904.25 893.55 904.25 926.75 903.35 904.45 926.85 904.35 893.6 904.35 926.85 903.35 904.45 926.85 904.45 893.7 904.4 926.9 926.7 904.2 893.5 904.25 926.75 904.35 893.6 904.35 926.85 903.35 904.45 926.85 904.45 893.7 904.4 926.9 926.7 904.2 893.5 904.25 926.75 904.25 893.55 904.25 926.75 904.25 893.55 904.25 926.75 904.25 893.55 904.25 926.75 904.25 893.55 904.25 926.85 904.35 893.6 904.35 926.85 904.35 893.6 904.35 926.85 904.35 893.6 904.35 926.85 903.35 904.45 926.85 904.45 893.7 904.45 926.95 903.7 904.4 926.95 904.45 893.7 904.45 926.95 903.7 904.46 893.7 904.45 926.95 903.7 904.46 893.7 904.45 926.95 903.7 904.6 893.9 904.65 927.1 904.6 893.9 904.65 927.1 904.6 893.9 904.65 927.1 904.6 893.9 904.65 927.1 904.6 893.9 904.65 927.1 904.6 893.9 904.65 927.1 904.6 893.9 904.65 927.1 904.6 893.9 904.65 927.1 904.6 893.9 904.65 927.1 904.6 893.9 904.65 927.1 904.6 893.9 904.65 927.1 904.6 893.9 904.65 927.1 904.6 893.9 904.65 927.1 904.6 893.9 904.65 927.1	936.2				892.3	903		
7         925.6         903.1         892.4         903.1         925.6         9           8         925.65         903.15         892.45         903.15         925.65         9           9         925.7         903.2         892.5         903.2         925.7         9           10         925.75         903.2         892.55         903.25         925.75         9           11         925.8         903.3         892.6         903.3         925.8         9           12         925.85         903.35         892.65         903.35         925.85         9           13         925.9         903.4         892.7         903.4         925.9         9           14         925.95         903.45         892.75         903.45         925.95         9           15         926         903.5         892.8         903.5         926         9           16         926.05         903.55         892.85         903.55         926.05         9           17         926.1         903.6         892.95         903.6         926.1         9           18         926.15         903.7         893         903.7	936.25	_			892.35			
8         925.65         903.15         892.45         903.15         925.65         9           9         925.75         903.2         892.5         903.25         925.75         9           10         925.75         903.25         892.55         903.25         925.75         9           11         925.8         903.3         892.6         903.3         925.8         9           12         925.85         903.35         892.65         903.35         925.85         9           13         925.9         903.4         892.7         903.4         925.95         9           14         925.95         903.45         892.75         903.45         925.95         9           15         926         903.5         892.8         903.5         926.05         9           15         926         903.5         892.85         903.55         926.05         9           16         926.05         903.65         892.95         903.65         926.05         9           17         926.1         903.65         892.95         903.65         926.15         9           20         926.25         903.75         893.05         <	936.3			903.1	892.4			
9         925.75         903.2         892.55         903.25         925.75         9           11         925.85         903.3         892.6         903.3         925.85           12         925.85         903.35         892.65         903.35         925.85         9           13         925.95         903.44         892.7         903.4         925.95         9           14         925.95         903.45         892.75         903.45         925.95         9           15         926         903.5         892.8         903.5         926.05         9           16         926.05         903.55         892.85         903.65         926.05         9           17         926.1         903.6         892.9         903.6         926.15         9           18         926.15         903.65         892.95         903.65         926.15         9           19         926.2         903.7         893         903.7         926.2         9           20         926.25         903.75         893.05         903.75         926.25         9           21         926.3         903.8         893.15         903.85	936.35	_		903.15	892.45			
10         925.75         903.25         892.55         903.25         925.75         9           11         925.8         903.3         892.6         903.3         925.8         9           12         925.85         903.35         892.65         903.35         925.85         9           13         925.9         903.4         892.7         903.4         925.9         9           14         925.95         903.45         892.75         903.45         925.95         9           15         926         903.5         892.8         903.5         926.05         9           16         926.05         903.55         892.85         903.55         926.05         9           17         926.1         903.6         892.9         903.6         926.15         9           18         926.15         903.65         892.95         903.65         926.15         9           19         926.2         903.7         893         903.75         926.2         9           20         926.25         903.75         893.05         903.75         926.25         9           21         926.3         903.8         893.1         90	936.4	_		903.2	892.5	903.2		
11         925.8         903.3         892.6         903.35         925.85         9           12         925.85         903.35         892.65         903.35         925.85         9           13         925.9         903.4         892.7         903.4         925.9         9           14         925.95         903.45         892.75         903.45         925.95         9           15         926         903.5         892.8         903.5         926.05         9           16         926.05         903.55         892.85         903.55         926.05         9           17         926.1         903.6         892.9         903.6         926.1         9           18         926.15         903.65         892.95         903.65         926.15         9           19         926.2         903.7         893         903.7         926.2         9           20         926.25         903.75         893.05         903.75         926.25         9           21         926.3         903.8         893.1         903.8         926.3         9           22         926.35         903.85         893.15         903.	936.45	-			892.55	903.25		
12         925.85         903.35         892.65         903.35         925.85         9           13         925.9         903.4         892.7         903.4         925.9         9           14         925.95         903.45         892.75         903.45         925.95         9           15         926         903.5         892.8         903.5         926.05         9           16         926.05         903.55         892.85         903.55         926.05         9           17         926.1         903.6         892.9         903.6         926.1         9           18         926.15         903.65         892.95         903.65         926.15         9           19         926.2         903.7         893         903.7         926.2         9           20         926.25         903.75         893.05         903.75         926.25         9           21         926.3         903.8         893.1         903.8         926.3         9           22         926.35         903.85         893.15         903.85         926.35         9           23         926.4         903.9         893.2         903.	936.5	—			892.6	903.3		
13         925.9         903.4         892.7         903.45         925.95         9           14         925.95         903.45         892.75         903.45         925.95         9           15         926         903.5         892.8         903.5         926           16         926.05         903.65         892.85         903.55         926.05         9           17         926.1         903.6         892.9         903.6         926.1         9           18         926.15         903.65         892.95         903.65         926.15         9           19         926.2         903.7         893         903.7         926.2         9           20         926.25         903.75         893.05         903.75         926.25         9           21         926.3         903.8         893.1         903.8         926.3         9           21         926.3         903.85         893.15         903.85         926.35         9           23         926.4         903.9         893.2         903.95         926.35         9           24         926.45         903.95         893.25         903.95         9	936.55	-			892.65	903.35		
14         925.95         903.45         892.75         903.45         925.95         9           15         926         903.5         892.8         903.5         926           16         926.05         903.65         892.85         903.65         926.05         9           17         926.1         903.6         892.9         903.6         926.1         9           18         926.15         903.65         892.95         903.65         926.15         9           19         926.2         903.7         893         903.7         926.2         9           20         926.25         903.75         893.05         903.75         926.25         9           21         926.3         903.8         893.1         903.8         926.3         9           21         926.3         903.85         893.15         903.85         926.35         9           23         926.4         903.9         893.2         903.9         926.35         9           24         926.45         903.95         893.25         903.95         926.45         9           25         926.5         904         893.3         904.05         926.	936.6	_			892.7	903.4		
15         926         903.5         892.8         903.5         926           16         926.05         903.55         892.85         903.55         926.05         9           17         926.1         903.6         892.9         903.6         926.1         9           18         926.15         903.65         892.95         903.65         926.15         9           19         926.2         903.7         893         903.7         926.2         9           20         926.25         903.75         893.05         903.75         926.25         9           21         926.3         903.8         893.1         903.8         926.3         9           21         926.3         903.85         893.15         903.85         926.35         9           22         926.35         903.85         893.15         903.85         926.35         9           23         926.4         903.9         893.2         903.9         926.4         9           24         926.45         903.95         893.25         903.95         926.45         9           25         926.5         904         893.3         904.05         926.5	936.65	_			892.75	903.45	925.95	
16         926.05         903.55         892.85         903.55         926.05         9           17         926.1         903.6         892.9         903.6         926.1           18         926.15         903.65         892.95         903.65         926.15         9           19         926.2         903.7         893         903.7         926.2         9           20         926.25         903.75         893.05         903.75         926.25         9           21         926.3         903.8         893.1         903.8         926.3         9           22         926.35         903.85         893.15         903.85         926.35         9           23         926.4         903.9         893.2         903.9         926.4         9           24         926.45         903.95         893.25         903.95         926.45         9           25         926.5         904         893.3         904.92         926.5         9           26         926.55         904.8         893.35         904.05         926.55         9           27         926.6         904.1         893.4         904.1         9	936.7				892.8	903.5		
17         926.1         903.6         892.9         903.6         926.1           18         926.15         903.65         892.95         903.65         926.15         9           19         926.2         903.7         893         903.7         926.2         9           20         926.25         903.75         893.05         903.75         926.25         9           21         926.3         903.8         893.1         903.8         926.3         9           22         926.35         903.85         893.15         903.85         926.35         9           23         926.4         903.9         893.2         903.9         926.4         9           24         926.45         903.95         893.25         903.95         926.45         9           25         926.5         904         893.3         904         926.5         9           26         926.55         904.05         893.35         904.05         926.55         9           27         926.6         904.1         893.4         904.1         926.6         9           29         926.75         904.2         893.5         904.2         926.7 </td <td>936.75</td> <td><del>                                     </del></td> <td></td> <td></td> <td></td> <td>903.55</td> <td>926.05</td> <td></td>	936.75	<del>                                     </del>				903.55	926.05	
18         926.15         903.65         892.95         903.65         926.15         9           19         926.2         903.7         893         903.7         926.2           20         926.25         903.75         893.05         903.75         926.25         9           21         926.3         903.8         893.1         903.8         926.3         9           22         926.35         903.85         893.15         903.85         926.35         9           23         926.4         903.9         893.2         903.9         926.4         9           24         926.45         903.95         893.25         903.95         926.45         9           25         926.5         904         893.3         904         926.5         9           26         926.55         904.05         893.35         904.05         926.55         9           27         926.6         904.1         893.4         904.1         926.6         9           28         926.65         904.15         893.45         904.15         926.65         9           30         926.75         904.2         893.5         904.2         92	936.8	$\vdash$			892.9	903.6	926.1	
19         926.2         903.7         893         903.7         926.2           20         926.25         903.75         893.05         903.75         926.25         9           21         926.3         903.8         893.1         903.8         926.3         9           22         926.35         903.85         893.15         903.85         926.35         9           23         926.4         903.9         893.2         903.9         926.4         9           24         926.45         903.95         893.25         903.95         926.45         9           25         926.5         904         893.3         904         926.5         9           26         926.55         904.05         893.35         904.05         926.55         9           27         926.6         904.1         893.4         904.1         926.6         9           28         926.75         904.2         893.5         904.2         926.7         9           30         926.75         904.2         893.5         904.2         926.7         9           31         926.8         904.3         893.6         904.3         926.8	936.85	<u> </u>				903.65	926.15	18
20         926.25         903.75         893.05         903.75         926.25         9           21         926.3         903.8         893.1         903.8         926.3           22         926.35         903.85         893.15         903.85         926.35         9           23         926.4         903.9         893.2         903.9         926.4         9           24         926.45         903.95         893.25         903.95         926.45         9           25         926.5         904         893.3         904         926.5         9           26         926.55         904.05         893.35         904.05         926.55         9           27         926.6         904.1         893.4         904.1         926.6         9           28         926.65         904.15         893.45         904.1         926.6         9           29         926.7         904.2         893.5         904.2         926.7         9           30         926.75         904.25         893.55         904.2         926.75         9           31         926.8         904.3         893.6         904.3         926.	936.9	_				903.7	926.2	19
21         926.3         903.8         893.1         903.8         926.3           22         926.35         903.85         893.15         903.85         926.35         9           23         926.4         903.9         893.2         903.9         926.4         926.45         9           24         926.45         903.95         893.25         903.95         926.45         9           25         926.5         904         893.3         904         926.5         9           26         926.55         904.05         893.35         904.05         926.55         9           27         926.6         904.1         893.4         904.1         926.6         9           28         926.65         904.15         893.45         904.15         926.65         9           29         926.7         904.2         893.5         904.2         926.7         9           30         926.75         904.2         893.5         904.2         926.7         9           31         926.8         904.3         893.6         904.3         926.8         9           32         926.85         904.3         893.6         904.35 </td <td>936.95</td> <td>_</td> <td></td> <td></td> <td></td> <td>903.75</td> <td>926.25</td> <td>20</td>	936.95	_				903.75	926.25	20
22       926.35       903.85       893.15       903.85       926.35       9         23       926.4       903.9       893.2       903.9       926.4         24       926.45       903.95       893.25       903.95       926.45       9         25       926.5       904       893.3       904       926.5       9         26       926.55       904.05       893.35       904.05       926.55       9         27       926.6       904.1       893.4       904.1       926.6       9         28       926.65       904.15       893.45       904.15       926.65       93         29       926.7       904.2       893.5       904.2       926.7       93         30       926.75       904.2       893.5       904.2       926.7       93         31       926.8       904.3       893.6       904.3       926.8       93         32       926.85       904.3       893.6       904.3       926.8       93         33       926.9       904.4       893.7       904.4       926.9       93         34       926.95       904.5       893.8       904.5       <	930.93					903.8	926.3	21
23         926.4         903.9         893.2         903.9         926.4           24         926.45         903.95         893.25         903.95         926.45         926.45           25         926.5         904         893.3         904         926.5         926.5           26         926.55         904.05         893.35         904.05         926.55         926.55           27         926.6         904.1         893.4         904.1         926.6         926.55         926.6           28         926.65         904.15         893.45         904.15         926.65         926.7         926.65         926.7         926.65         926.7         926.65         926.7         <		-					926.35	22
24         926.45         903.95         893.25         903.95         926.45         9           25         926.5         904         893.3         904         926.5         9           26         926.55         904.05         893.35         904.05         926.55         9           27         926.6         904.1         893.4         904.1         926.6         9           28         926.65         904.15         893.45         904.15         926.65         9           29         926.7         904.2         893.5         904.2         926.7         9           30         926.75         904.25         893.55         904.25         926.75         9           31         926.8         904.3         893.6         904.3         926.8         9           32         926.85         904.35         893.65         904.35         926.85         9           33         926.9         904.4         893.7         904.4         926.9         9           34         926.95         904.45         893.7         904.45         926.95         93           35         927         904.5         893.8         904.5 </td <td>937.05</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>926.4</td> <td>23</td>	937.05						926.4	23
25         926.5         904         893.3         904         926.5         926.5         926.5         926.5         926.5         926.5         926.5         926.5         926.55         926.5         926.55         926.55         926.5         926.55         926.5         926.5         926.5         926.5         926.5         926.5         926.6         926.7         926.8         926.8         926.8         926.8         926.8         926.8         926.8         926.8         926.8         926.8         926.8         926.8         926.8         92	937.1						926.45	24
26         926.55         904.05         893.35         904.05         926.55         93.35           27         926.6         904.1         893.4         904.1         926.6         926.7         926.8         926.7         926.7         926.8         926.	937.15						926.5	25
27         926.6         904.1         893.4         904.1         926.6         926.6         926.6         926.6         926.6         926.6         926.6         926.6         926.6         926.6         926.6         926.6         926.6         926.6         926.6         926.7         926.6         926.7         926.8         926.7         926.8         92	937.2	—					926.55	26
28     926.65     904.15     893.45     904.15     926.65     93       29     926.7     904.2     893.5     904.2     926.7     93       30     926.75     904.25     893.55     904.25     926.75     93       31     926.8     904.3     893.6     904.3     926.8     926.8       32     926.85     904.35     893.65     904.35     926.85     93       33     926.9     904.4     893.7     904.4     926.9     93       34     926.95     904.45     893.75     904.45     926.95     93       35     927     904.5     893.8     904.5     927     93       36     927.05     904.55     893.85     904.55     927.05     93       37     927.1     904.6     893.9     904.6     927.1     92       38     927.15     904.65     904.65     904.6     927.1     92	937.25						926.6	27
29     926.7     904.2     893.5     904.2     926.7     93.7       30     926.75     904.25     893.55     904.25     926.75     93.31       31     926.8     904.3     893.6     904.3     926.8     926.8       32     926.85     904.35     893.65     904.35     926.85     93.33       33     926.9     904.4     893.7     904.4     926.9     93.34       34     926.95     904.45     893.75     904.45     926.95     93.35       35     927     904.5     893.8     904.5     927     93.35       36     927.05     904.55     893.85     904.55     927.05     93.35       37     927.1     904.6     893.9     904.6     927.1     927.1       38     927.15     904.65     903.05     904.6     927.1     927.1	937.35 937.35						926.65	28
30         926.75         904.25         893.55         904.25         926.75         93           31         926.8         904.3         893.6         904.3         926.8         93           32         926.85         904.35         893.65         904.35         926.85         93           33         926.9         904.4         893.7         904.4         926.9         93           34         926.95         904.45         893.75         904.45         926.95         93           35         927         904.5         893.8         904.5         927         92           36         927.05         904.55         893.85         904.55         927.05         93           37         927.1         904.6         893.9         904.6         927.1         92           38         927.15         904.65         903.05         904.6         927.1         92	937.35						926.7	29
31     926.8     904.3     893.6     904.3     926.8       32     926.85     904.35     893.65     904.35     926.85     93       33     926.9     904.4     893.7     904.4     926.9     93       34     926.95     904.45     893.75     904.45     926.95     93       35     927     904.5     893.8     904.5     927     927       36     927.05     904.55     893.85     904.55     927.05     93       37     927.1     904.6     893.9     904.6     927.1     92       38     927.15     904.65     903.05     904.6     927.1     92	937.45						926.75	
32     926.85     904.35     893.65     904.35     926.85     93       33     926.9     904.4     893.7     904.4     926.9     93       34     926.95     904.45     893.75     904.45     926.95     93       35     927     904.5     893.8     904.5     927     927       36     927.05     904.55     893.85     904.55     927.05     93       37     927.1     904.6     893.9     904.6     927.1     927.1       38     927.15     904.65     903.05     904.65     927.1     927.1							926.8	31
33     926.9     904.4     893.7     904.4     926.9     93.3       34     926.95     904.45     893.75     904.45     926.95     93.3       35     927     904.5     893.8     904.5     927     927       36     927.05     904.55     893.85     904.55     927.05     93.3       37     927.1     904.6     893.9     904.6     927.1     927.1       38     927.15     904.65     803.9     904.6     927.1     927.1	937.5							32
34     926.95     904.45     893.75     904.45     926.95     93       35     927     904.5     893.8     904.5     927     92       36     927.05     904.55     893.85     904.55     927.05     93       37     927.1     904.6     893.9     904.6     927.1     92       38     927.15     904.65     803.05     904.6     927.1     92	937.55						926.9	33
35 927 904.5 893.8 904.5 927 3 36 927.05 904.55 893.85 904.55 927.05 93 37 927.1 904.6 893.9 904.6 927.1 93	937.6						926.95	34
36     927.05     904.55     893.85     904.55     927.05     93       37     927.1     904.6     893.9     904.6     927.1     92       38     927.15     904.65     923.05     92     92     92	937.65							35
37 927.1 904.6 893.9 904.6 927.1 9	937.7							36
38 927 15 004 65 002 05 004.0 927.1	937.75							37
	937.8							
39 927 2 904 7 904 907 927.15 93	937.85		927.15					
40 927.25 904.75 904.7 927.2	937.9 937.95							

### 15.107 (a) POWER LINE CONDUCTED INTERFERENCE

#### **Requirements:**

For equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 KHz to 30 MHz shall not exceed the limits in the following table, as measured using a  $50\mu\text{H}/50$  ohms line impedance stabilization network (LISN). Compliance with the provisions of this paragraph shall be based on the measurement of the radio frequency voltage between each power line and ground at the power terminal. The lower limit applies at the band edges.

Frequency of Emission (MHz)	Conducted I	Limit (dBμV)
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

<sup>\*</sup>Decreases with the logarithm of the frequency.

#### **Test Procedure:**

ANSI STANDARD C63.4-1992. using a  $50\mu H$  LISN. Both lines were observed with the EUT transmitting. The bandwidth of the spectrum analyzer was 9KHz QP with an appropriate sweep speed. The ambient temperature of the EUT was 24°C with a humidity of 60%.

The spectrum was scanned from 0.15 to 30MHz.

#### **Test Data:**

The highest emission read for LINE was 31.63 dB $\mu$ V@ 0.15 MHz. (Base) The highest emission read for NEUTRAL was 31.69 dB $\mu$ V@ 0.15 MHz (Base)

The highest emission read for LINE was 29.11 dB $\mu$ V@ 0.15 MHz. (Charge Unit) The highest emission read for NEUTRAL was 28.88 dB $\mu$ V@ 0.15 MHz.(Charge Unit)

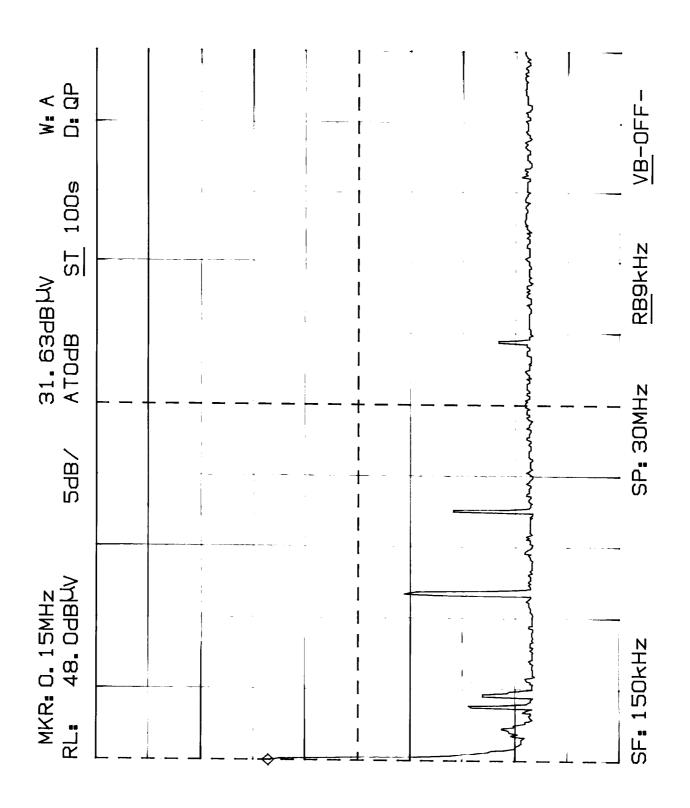
The graphs on Exhibit D(1)-5 to -8 represent the emissions taken for this device.

#### **Test Results:**

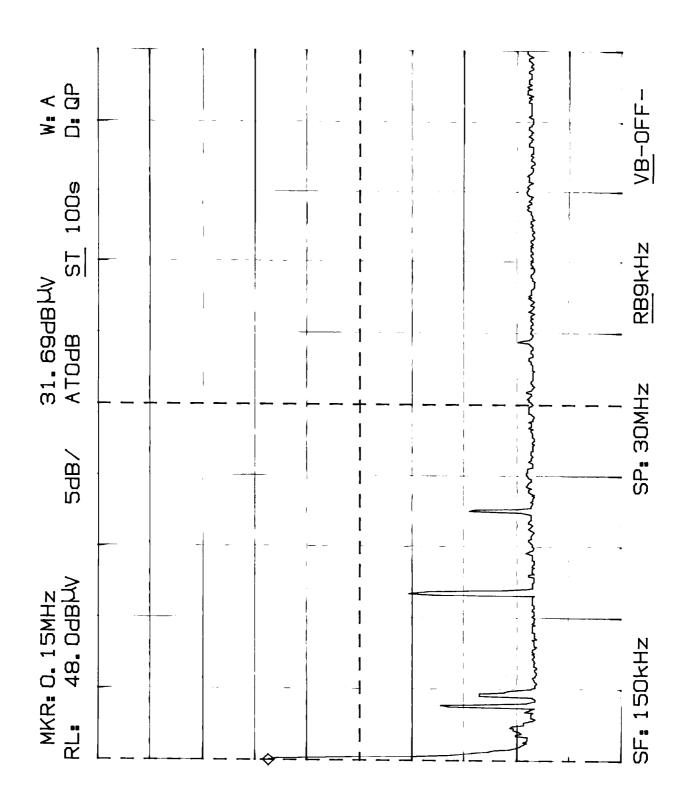
Both lines were observed. The measurements indicate that the unit DOES appear to meet the FCC requirements for this class of equipment.

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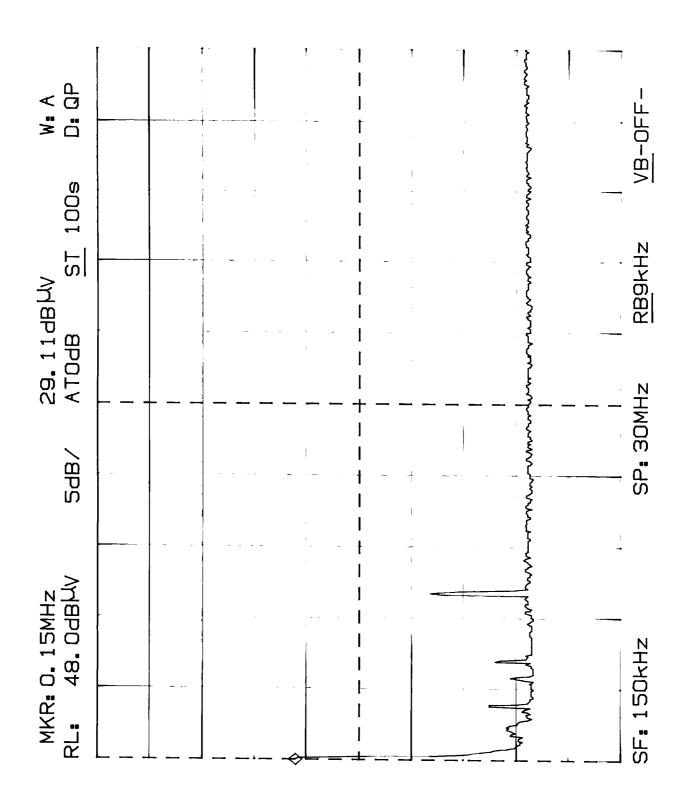
## POWER LINE CONDUCTED EMISSIONS MODEL 26989XXX-A; LINE (Base)



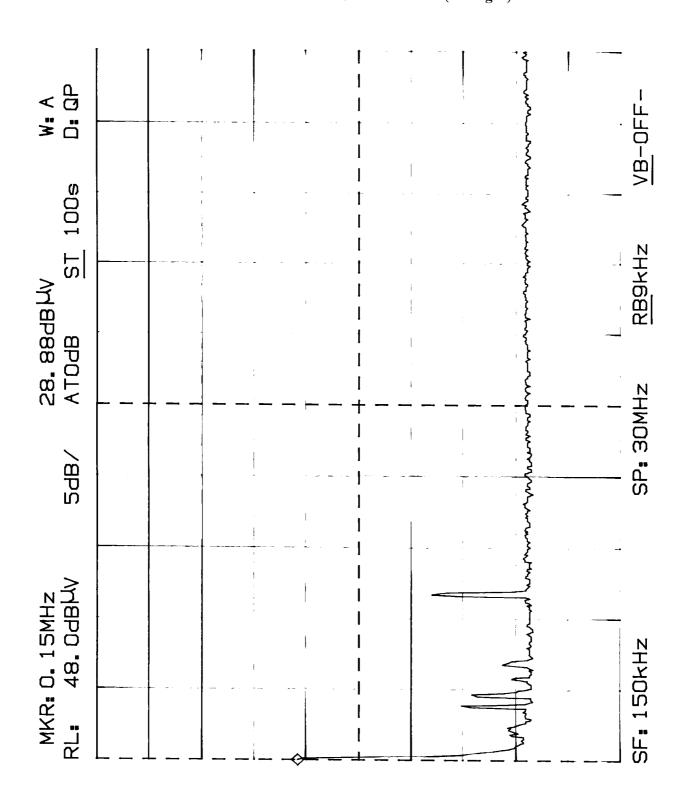
# POWER LINE CONDUCTED EMISSIONS MODEL 26989XXX-A; NEUTRAL (Base)



## POWER LINE CONDUCTED EMISSIONS MODEL 26989XXX-A; LINE (Charger)



# POWER LINE CONDUCTED EMISSIONS MODEL 26989XXX-A; NEUTRAL (Charger)



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## 15.249 (a), (b) and (c) FIELD STRENGTH OF EMISSIONS

#### **Requirements:**

Fundamental F	requency	Field Strength of Harmonics	15.209	
902-928 MHz	94dB $\mu$ V	$54~\mathrm{dB}\mu\mathrm{V/m}$ @ $3\mathrm{m}$	30-88 MHz	$40~\mathrm{dB}\mu\mathrm{V/m}$ @ $3\mathrm{m}$
			88-216 MHz	43.5
			216-960 MHz	46
			Above 960 MHz	54

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50dB below the level of the fundamental or to the general radiated emission limits in 15.209, whichever is the lesser attenuation.

Emissions that fall in the restricted bands (15.205) must be less than  $54dB\mu V/m$ 

#### **Procedure**

The test procedure used was ANSI STANDARD C63.4-1992 and DA-00-705 using an appropriate spectrum analyzer, as listed in the Test Equipment List. The bandwidth (RBW) of the spectrum analyzer was 100KHz/120KHz up to 1GHz with an appropriate sweep speed. The RBW above 1.0GHz was = 1.0MHz. The analyzer was calibrated in dB above a microvolt at the output of the antenna. The ambient temperature of the EUT was 24°C with a humidity of 60%.

#### **Test Data:**

Refer to Exhibit D(1)-10 to -11

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## FIELD STRENGTH OF EMISSIONS

#### **Test Data:**

#### **BASE UNIT**

Frequency Band MHz	Meter Reading (Peak) @3m dBµV/M	Antenna and Polarization	Cable & Antenna Factor	Peak F. S. dBμV/M	Average FCC Limit	Margin dB	Detector & BW KHz
<u>Transmit</u>							
451.40	14.00	LPV	19.10	33.10	46	-12.90	PK100
<u>Channel 1</u>							
902.80	51.20	RT4 V	33.30	84.50	94	-9.50	PK100
1805.60	15.00	Horn H	33.18	48.18	54	-5.82	PK1000
2708.40	12.00	Horn H	33.92	45.92	54	-8.08	PK1000
3611.20	7.00	Horn H	35.34	42.34	54	-11.66	PK1000
Channel 40							
904.75	52.80	RT4 V	33.30	86.10	94	-7.90	PK100
1809.50	15.00	Horn H	33.18	48.18	54	-5.82	PK1000
2714.25	12.00	Horn H	33.92	45.92	54	-8.08	PK1000
3619.00	7.0	Horn H	35.34	42.34	54	-11.66	PK1000

- 1. If the peak meets the average limit, nothing further is required.
- 2. If the peak exceeds the average limit, then an average measurement is required (may be calculated) and must be below the average limit and also:
- 3. The peak measurement cannot exceed the average limit +20dB.
- 4. From 30 1000 MHz, the detector was Peak and Bandwidth 100 KHz.
- 5. Above 1000 MHz, the detector was Peak and Bandwidth 1000 KHz.

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### FIELD STRENGTH OF EMISSIONS

#### **Test Data:**

#### **HANDSET UNIT**

Frequency Band MHz	Meter Reading (Peak) @3m dBµV/M	Antenna and Polarization	Cable & Antenna Factor	Peak F. S. dBμV/M	Average FCC Limit	Margin dB	Detector & BW KHz
<u>Transmit</u>			i				
462.66	10.00	LP H	20.00	30.00	46	-16.00	PK100
Channel 1							
925.301	46.50	RT4 V	33.40	79.90	94	-14.10	PK100
1850.602	16.00	Horn V	33.06	49.06	54	-4.94	PK1000
2775.903	11.00	Horn V	34.08	45.08	54	-8.92	PK1000
3701.204							
Channel 40							
927.251	47.70	RT4 V	33.40	81.10	94	-12.90	PK100
1854.502	15.00	Horn V	33.06	48.06	54	-5.94	PK1000
2781.753	10.00	Horn V	34.08	44.08	54	-9.92	PK1000
3709.004							

- 1. If the peak meets the average limit, nothing further is required.
- 2. If the peak exceeds the average limit, then an average measurement is required (may be calculated) and must be below the average limit and also:
- 3. The peak measurement cannot exceed the average limit +20dB.
- 4. From 30 1000 MHz, the detector was Peak and Bandwidth 100 KHz.
- 5. Above 1000 MHz, the detector was Peak and Bandwidth 1000 KHz.

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## 15.249 (d) **BAND EDGES**

#### **Requirements:**

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated emission limits in Section 15.209, whichever is the lesser attenuation.

#### **Measurement:**

The base was attenuated by  $50\ dB$ . The handset was attenuated by  $50\ dB$ .

#### **Test Data:**

The Bandedge was measured at the Low end of the band for the base, and the High end of the band for the handset. See Plots [Exhibits D(1)-13 to -14].

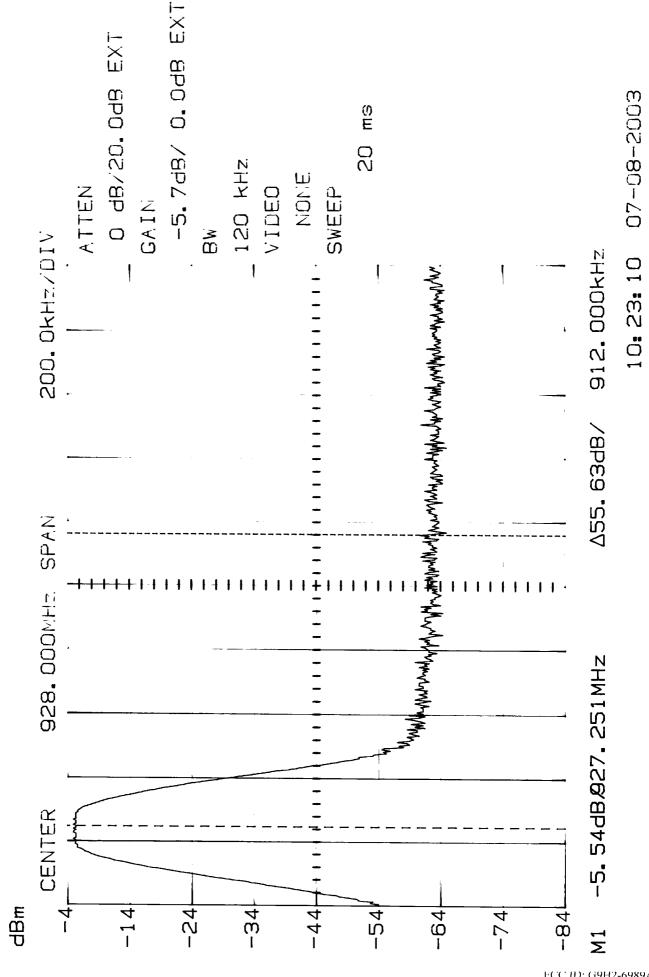
EXH EXH -0.4dB/ 0.0dB 0 dB/20.0dB 07-08-2003 (O) 20 120 KHz NON VIDEO ATTEN SWEEP GAIN ≫ B 200. OKHZ/DIV 10: 12: 49 1.237MHz **ASS.** 004B/ SPAN 902, 000MHz -10. 22dB,802. 800MHz CENTER dBm ק -19 -29 -39 -59 -69 -79 -49 <u> 1890 </u> Z Z

**BAND EDGE - Base (CH1)** 

MODEL 26989XXX-A

FCC ID: G9H2-6989A Marstech Report No. 23188D EXHIBIT D(1)-13

BAND EDGE - Handset (CH40) MODEL 26989XXX-A



FCC ID: G9H2-6989A Marstech Report No. 23188D EXHIBIT D(1)-14

#### 2.202 BANDWIDTH

#### **Measurement:**

The measurements were made with the spectrum analyzer's resolution bandwidth (RBW) = 30 KHz (Base and Handset) and the video bandwidth (VBW) = NONE and the span set as shown on plot.

#### **Test Data:**

#### Handset:

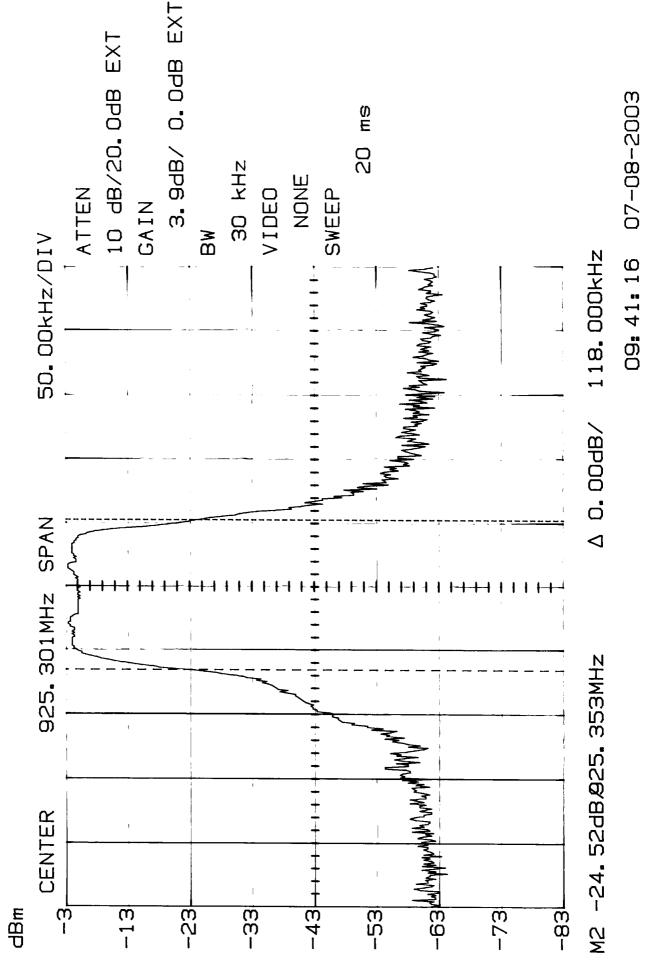
Channel 1: **0.118 MHz** [Refer to Exhibit D(1)-16] Channel 40: **0.119 MHz** [Refer to Exhibit D(1)-17]

Base:

Channel 1: **0.115 MHz** [Refer to Exhibit D(1)-18] Channel 40: **0.113 MHz** [Refer to Exhibit D(1)-19]

BANDWIDTH = **0.118 MHz** (Handset) **0.113 MHz** (Base)

20dB BANDWIDTH Channel 1 - Handset MODEL 26989XXX-A



2.8dB/ 0.0dB EXT EXT 10 dB/20.0dB (O) 20 30 KHz NONE VIDEO SWEEP ATTEN GAIN ĕ 50. OOKHZ/DIV 119, 000kHz Δ 0.62dB, SPAN 927.251MHz M2 -24, 36dB,827, 303MHz CENTER -42 dBm -12 -32 -22 -52 -62 -72 ק **-82**l

20dB BANDWIDTH Channel 40 - Handset MODEL 26989XXX-A

FCC ID: G9H2-6989A Marstech Report No. 23188D EXHIBIT D(1)-17

07-08-2003

09: 46: 16

7.0dB/ 0.0dB EXT E×⊣ 10 dB/20.0dB 07-08-2003 S S S 20 30 kHz NONE VIDEO ATTEN SWEEP GAIN M⊗ 50. 00kHz/DIV 115,000kHz 10:06:05 △ 0.31dB SPAN 902, 800MHz -27. 31dB,002. 853MHz CENTER dBa -67 -37 7 -17 -27 -47 -57 -77 -87 Z (/

MODEL 26989XXX-A

20dB BANDWIDTH Channel 1 - Base

FCC ID: G9H2-6989A Marstech Report No. 23188D EXHIBIT D(1)-18

EXT EXT 5.74B/ 0.0dB 10 dB/20.0dB 07-08-2003 (O) 20 30 kHz NONE VIDEO ATTEN SWEEP GAIN B≪ 50.00kHz/DIV 113, 000kHz 10:01:10 MODEL 26989XXX-A △ 0.31dB/ SPAN 904. 750MHz -25.07dBA04.799MHz CENTER -65 dBE -15 -25 -35 -45 -55 -75 -85 រុ Σ Ω

20dB BANDWIDTH

Channel 40 - Base

FCC ID: G9H2-6989A Marstech Report No. 23188D EXHIBIT D(1)-19