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
Exhibit D(4) - Test Setup Diagram for AC Conducted Line Testing

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TEST REPORT CONTAINING:

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)

CH	HAND			BASE		
	TX	RX	LOCAL	TX	RX	LOCAL
1	925.3	902.8	892.1	902.8	925.3	936
2	925.35	902.85	892.15	902.85	925.35	936.05
3	925.4	902.9	892.2	902.9	925.4	936.1
4	925.45	902.95	892.25	902.95	925.45	936.15
5	925.5	903	892.3	903	925.5	936.2
6	925.55	903.05	892.35	903.05	925.55	936.25
7	925.6	903.1	892.4	903.1	925.6	936.3
8	925.65	903.15	892.45	903.15	925.65	936.35
9	925.7	903.2	892.5	903.2	925.7	936.4
10	925.75	903.25	892.55	903.25	925.75	936.45
11	925.8	903.3	892.6	903.3	925.8	936.5
12	925.85	903.35	892.65	903.35	925.85	936.55
13	925.9	903.4	892.7	903.4	925.9	936.6
14	925.95	903.45	892.75	903.45	925.95	936.65
15	926	903.5	892.8	903.5	926	936.7
16	926.05	903.55	892.85	903.55	926.05	936.75
17	926.1	903.6	892.9	903.6	926.1	936.8
18	926.15	903.65	892.95	903.65	926.15	936.85
19	926.2	903.7	893	903.7	926.2	936.9
20	926.25	903.75	893.05	903.75	926.25	936.95
21	926.3	903.8	893.1	903.8	926.3	937
22	926.35	903.85	893.15	903.85	926.35	937.05
23	926.4	903.9	893.2	903.9	926.4	937.1
24	926.45	903.95	893.25	903.95	926.45	937.15
25	926.5	904	893.3	904	926.5	937.2
26	926.55	904.05	893.35	904.05	926.55	937.25
27	926.6	904.1	893.4	904.1	926.6	937.3
28	926.65	904.15	893.45	904.15	926.65	937.35
29	926.7	904.2	893.5	904.2	926.7	937.4
30	926.75	904.25	893.55	904.25	926.75	937.45
31	926.8	904.3	893.6	904.3	926.8	937.5
32	926.85	904.35	893.65	904.35	926.85	937.55
33	926.9	904.4	893.7	904.4	926.9	937.6
34	926.95	904.45	893.75	904.45	926.95	937.65
35	927	904.5	893.8	904.5	927	937.7
36	927.05	904.55	893.85	904.55	927.05	937.75
37	927.1	904.6	893.9	904.6	927.1	937.8
38	927.15	904.65	893.95	904.65	927.15	937.85
39	927.2	904.7	894	904.7	927.2	937.9
40	927.25	904.75	894.05	904.75	927.25	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 50μH/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 Limit (dBμV)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

Test Procedure:

ANSI STANDARD C63.4-1992. using a 50μH 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 dBμV@ 0.15 MHz. (Base)
The highest emission read for NEUTRAL was 31.69 dBμV@ 0.15 MHz (Base)

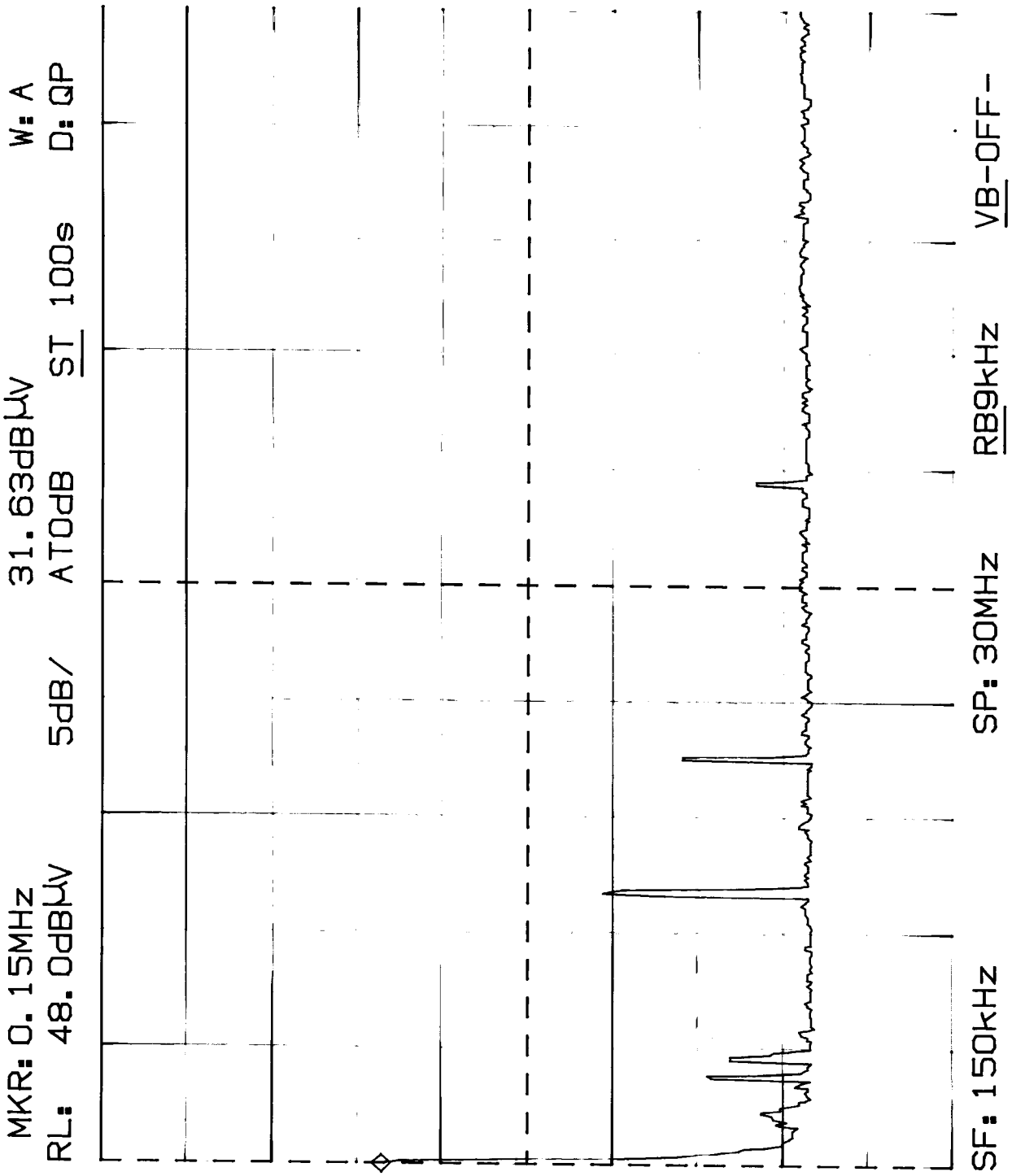
The highest emission read for LINE was 29.11 dBμV@ 0.15 MHz. (Charge Unit)
The highest emission read for NEUTRAL was 28.88 dBμV@ 0.15 MHz.(Charge Unit)

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

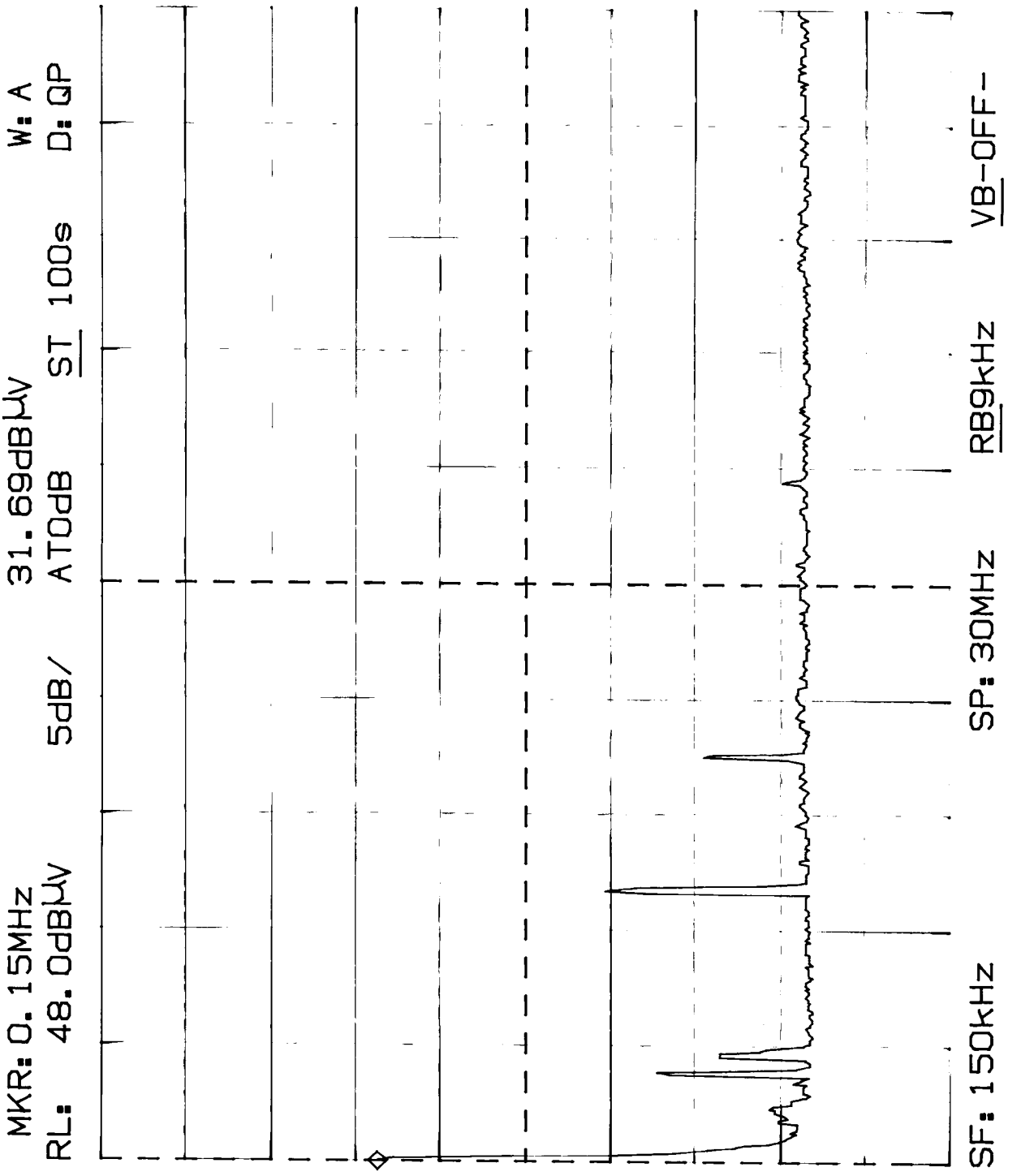
Test Results:

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

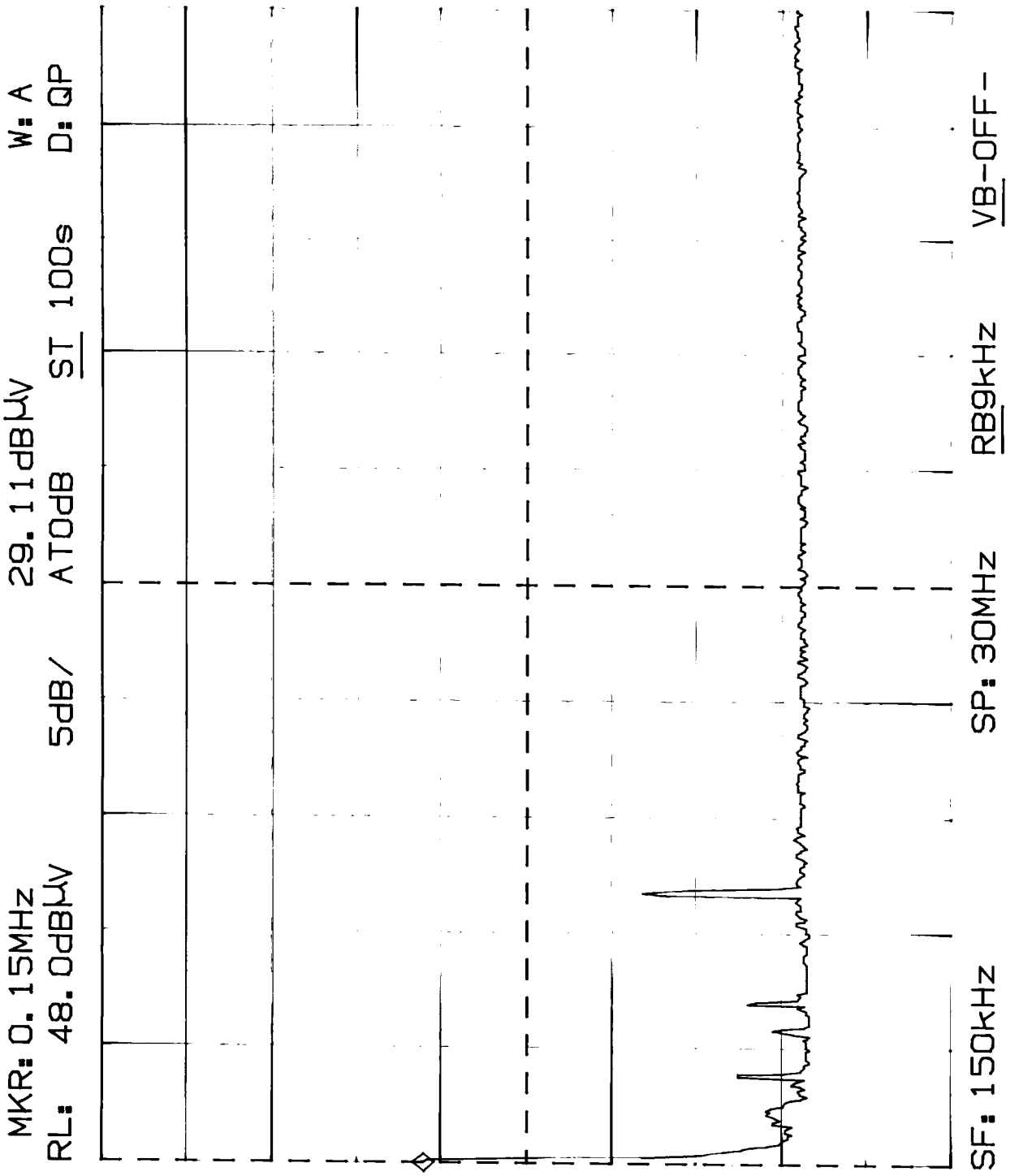
POWER LINE CONDUCTED EMISSIONS
MODEL 26989XXX-A; LINE (Base)



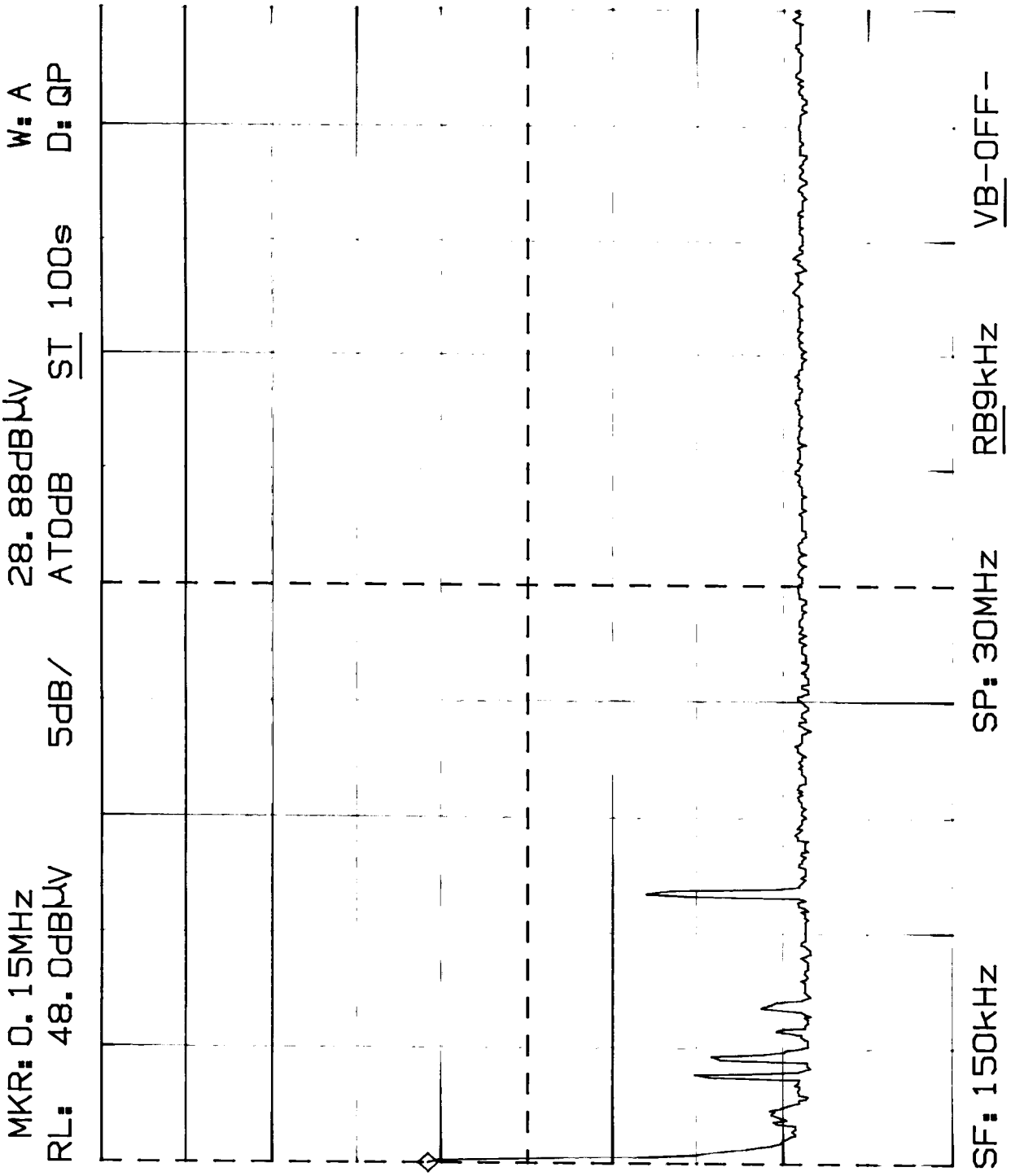
POWER LINE CONDUCTED EMISSIONS
MODEL 26989XXX-A; NEUTRAL (Base)



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



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



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

Requirements:

Fundamental Frequency		Field Strength of Harmonics	15.209	
902-928 MHz	94dBμV	54 dBμV/m@ 3m	30-88 MHz	40 dBμV/m@ 3m
			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 54dBμV/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

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
Transmit							
451.40	**14.00**	**LP V**	**19.10**	**33.10**	**46**	**-12.90**	**PK100**
Channel 1							
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.

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
Transmit							
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.

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.

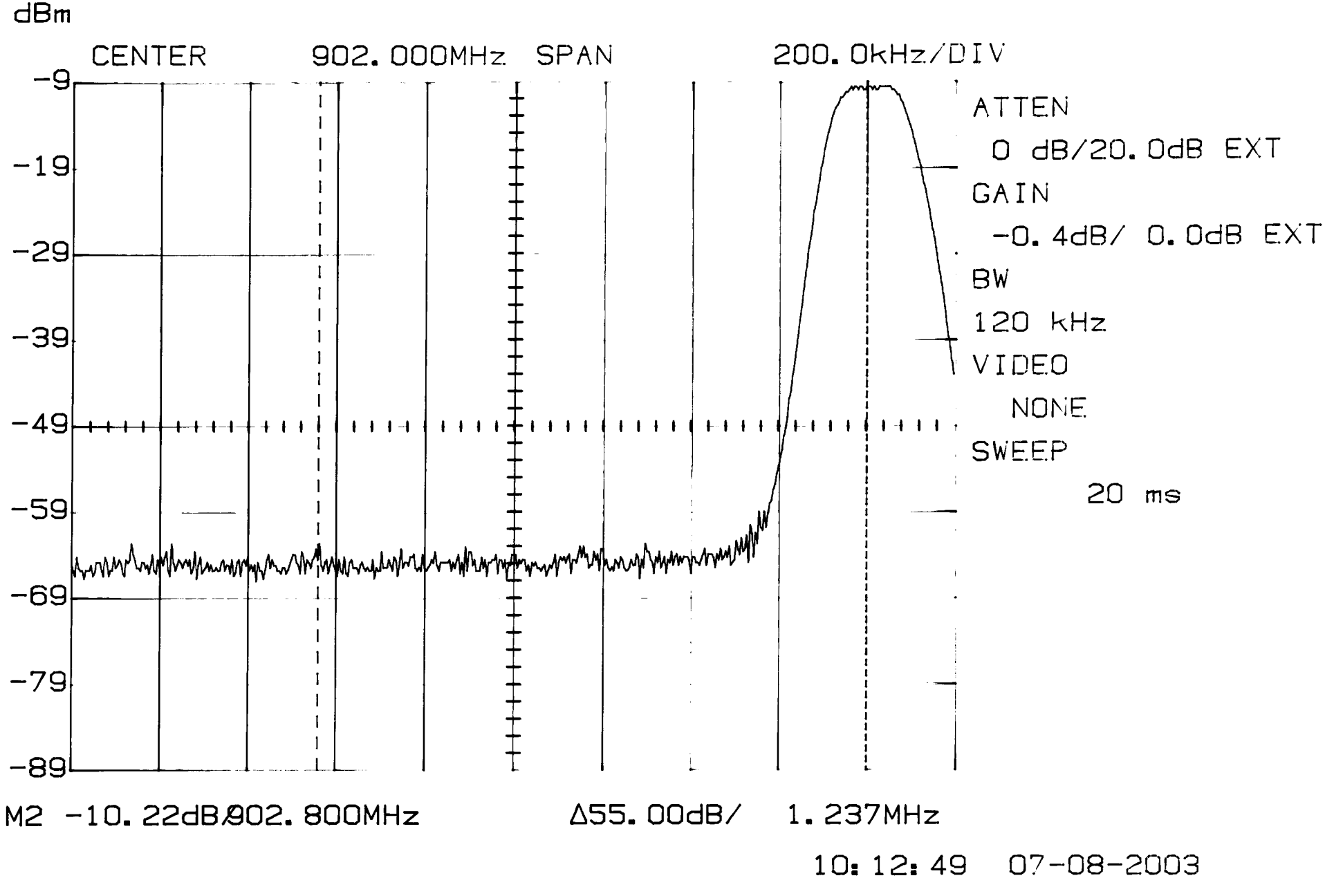
Measurement:

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

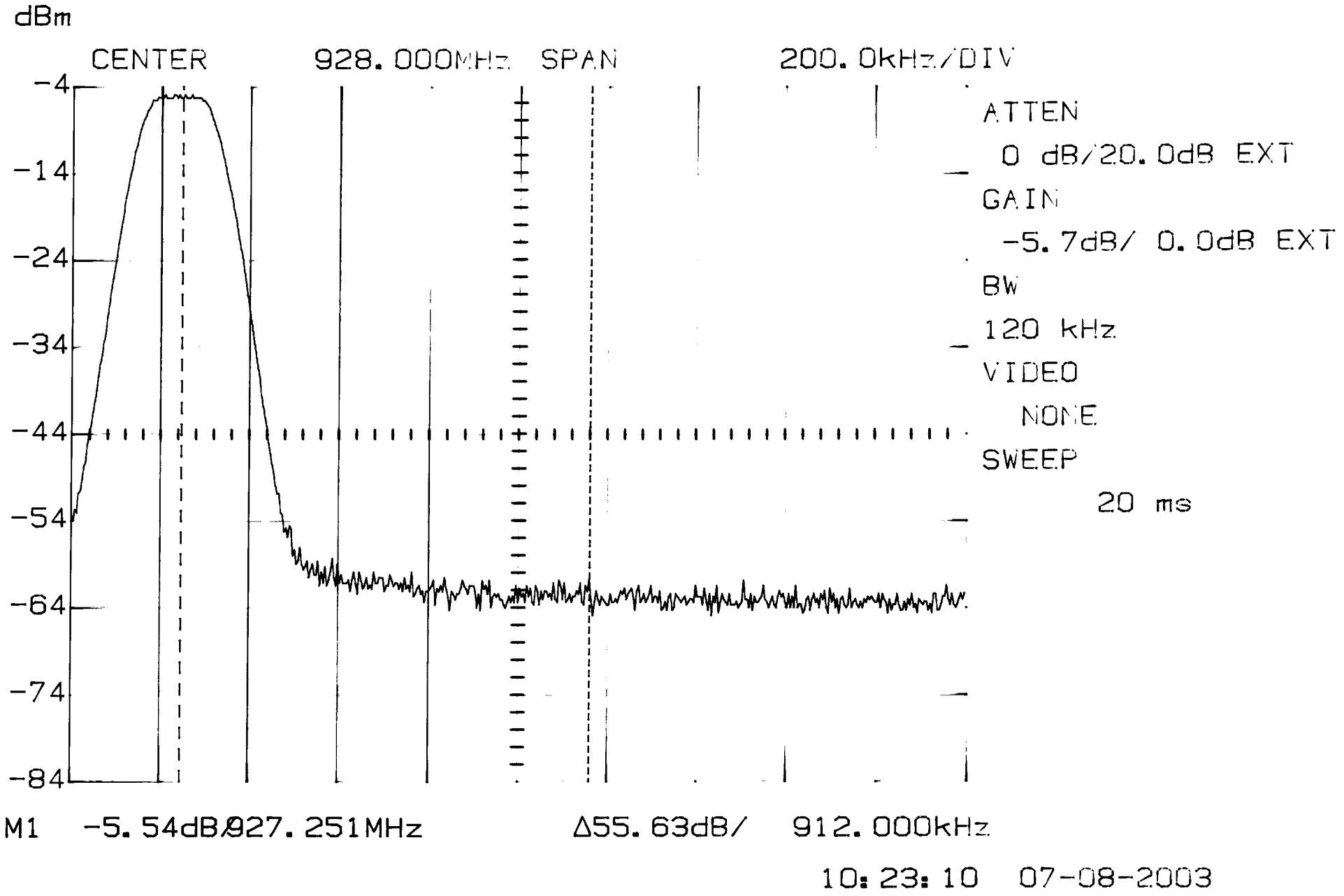
Test Data:

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].

BAND EDGE - Base (CH1)
MODEL 26989XXX-A



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



2.202 BANDWIDTH

Measurement:

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

Test Data:

Handset:

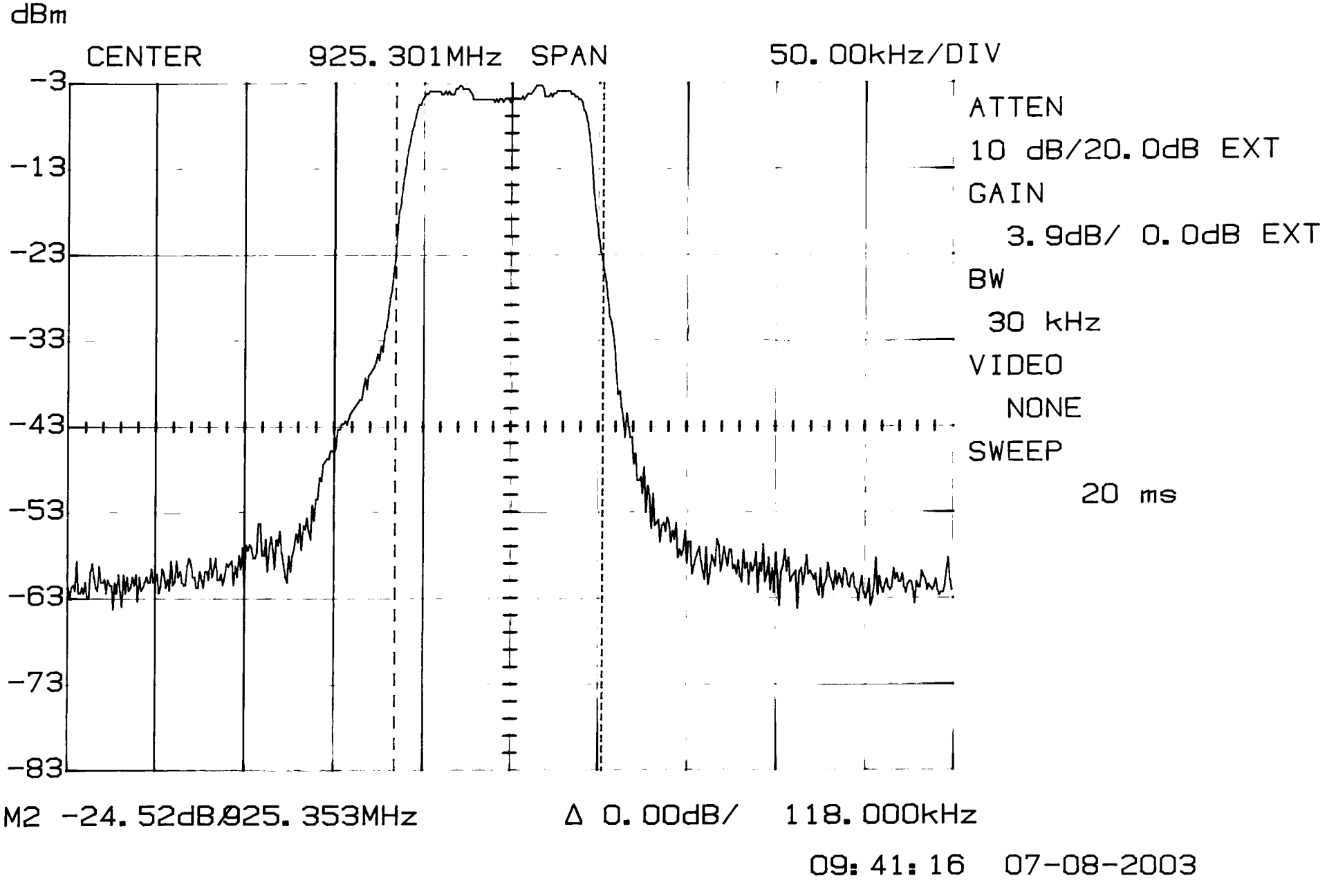
Channel 1: **0.118 MHz** [Refer to Exhibit D(1)-16]
Channel 40: **0.119 MHz** [Refer to Exhibit D(1)-17]

Base:

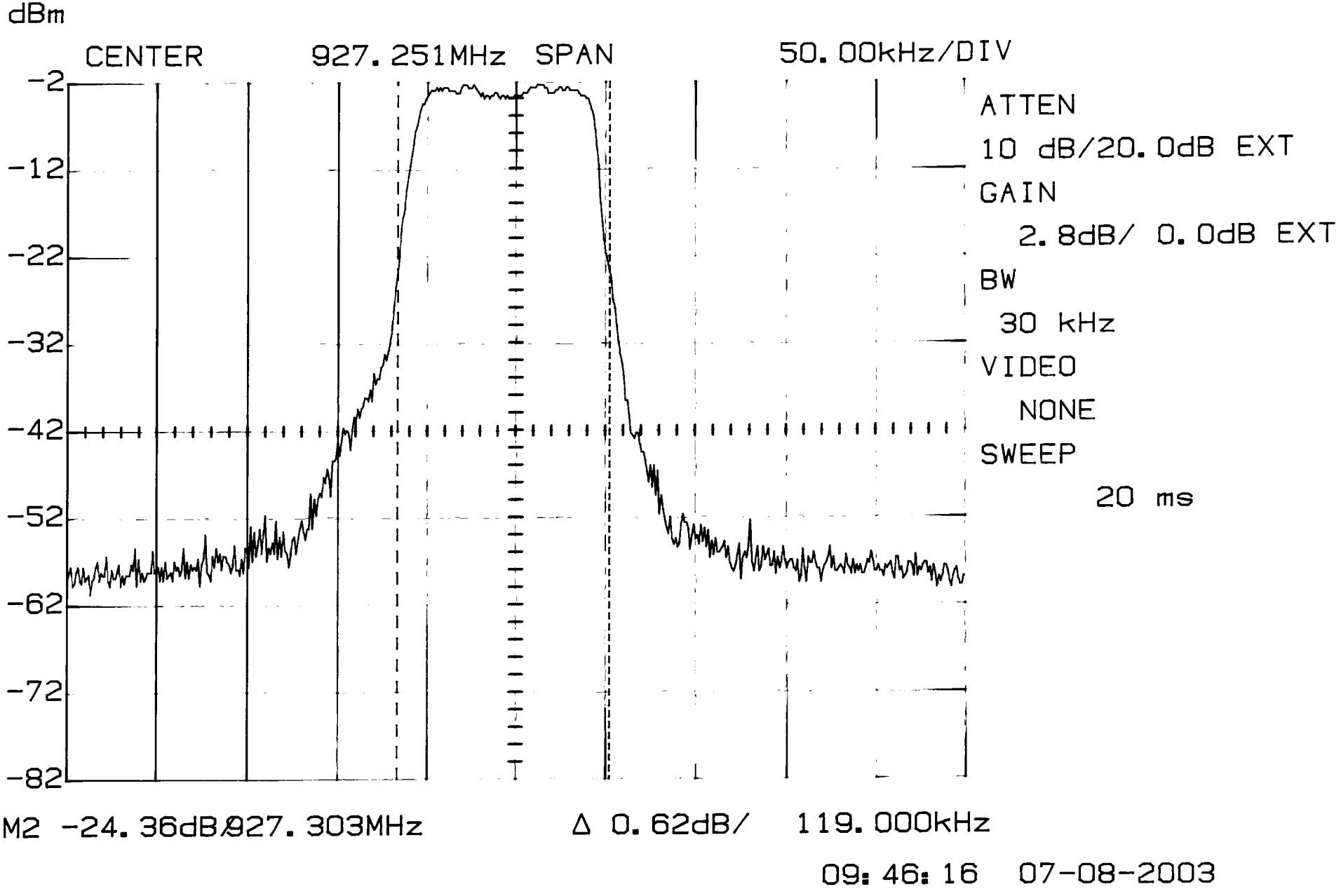
Channel 1: **0.115 MHz** [Refer to Exhibit D(1)-18]
Channel 40: **0.113 MHz** [Refer to Exhibit D(1)-19]

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

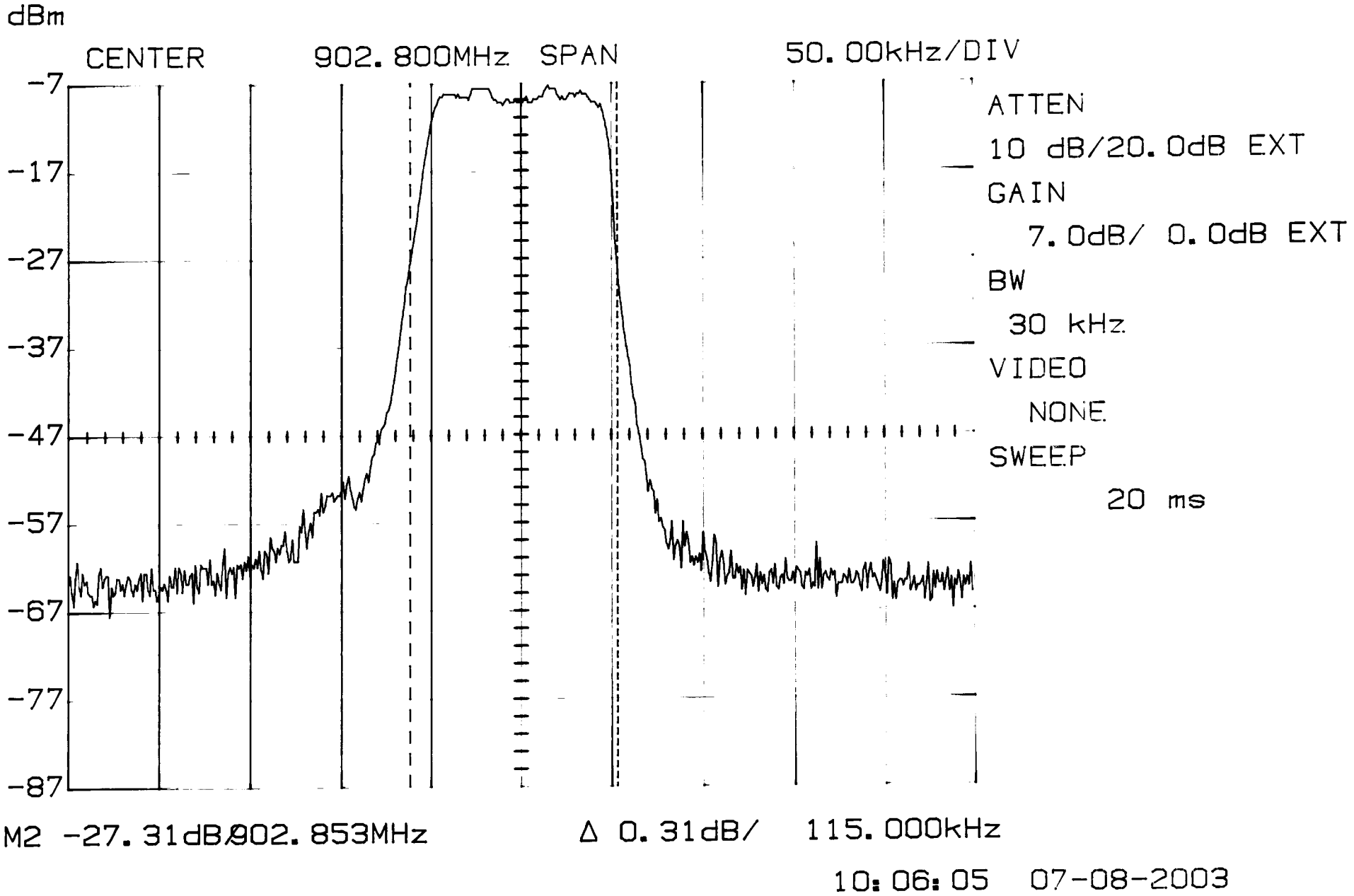
20dB BANDWIDTH
Channel 1 - Handset
MODEL 26989XXX-A



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



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



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