

FCC RADIATED EMISSIONS TABULATED RESULTS

EUT MODEL: **Summation Research, Inc. Series 300 Wireless Link
ST326-16-X Transmitter Harmonics**

S/N: **0002** DATE: **11/17/99** FREQ: **Mid 912.3MHz** TESTER:

FREQUENCY (MHZ)	ANTENNA POL.	EVALUATION	AZIMUTH	MEASURED (dB μ V/m)	Q.P. LIMIT (dB μ V/M @	MARGIN
				PEAK 3 METERS	(dB)	
912.3M	H	1.25	157°	69	94	>-10dB
912.3M	V	1.25	180°	66	94	>-10dB
1824M	H	1.0	67°	41	74	>-10dB
1824M	V	1.0	112°	47	74	>-10dB
2736M	H	1.25	202°	40	74	>-10dB
2736M	V	1.0	247°	43	74	>-10dB
3649M	H	1.25	157°	55	74	>-10dB
3649M	V	1.0	225°	56	74	>-10db
4561M	H	1.25	225°	46	74	>-10dB
4561M	V	1.0	112°	49	74	>-10dB
5473M	H/V		NOISE FLOOR LEVEL			
6386M	H/V		NOISE FLOOR LEVEL			
7298M	H/V		NOISE FLOOR LEVEL			
8210M	H/V		NOISE FLOOR LEVEL			
9123M	H/V		NOISE FLOOR LEVEL			

TABLE 6.1-4

FCC RADIATED EMISSIONS TABULATED RESULTS

EUT MODEL: **Summation Research, Inc. Series 300 Wireless Link
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S/N: **0002** DATE: **11/17/99** FREQ: **Mid 912.3MHz** TESTER:

<u>FREQUENCY</u> <u>(MHZ)</u>	<u>ANTENNA</u> <u>POL.</u>	<u>EVALUATION</u>	<u>AZIMUTH</u>	MEASURED (dB μ V/m) <u>AVG.</u>	AVG. LIMIT (dB μ V/M @ 3 METERS)	MARGIN (dB)
1824M	H	1.0	67°	34	54	-20.0
1824M	V	1.0	112°	45	54	-9.0
2736M	H	1.25	202°	33	54	-21.0
2736M	V	1.0	247°	35	54	-19.0
3649M	H	1.25	157°	50	54	-4.0
3649M	V	1.0	225°	51.5	54	-3.5
4561M	H	1.25	225°	37	54	-17.0
4561M	V	1.0	112°	43	54	-11.0
5473M	H/V					
6386M	H/V					
7298M	H/V					
8210M	H/V					
9123M	H/V					

TABLE 6.1-5

FCC RADIATED EMISSIONS TABULATED RESULTS

EUT MODEL: **Summation Research, Inc. Series 300 Wireless Link
ST326-16-X Transmitter Harmonics**

S/N: **0002** DATE: **11/17/99** FREQ: **High 921.3MHz** TESTER:

FREQUENCY (MHZ)	ANTENNA POL.	EVALUATION	AZIMUTH	MEASURED (dB μ V/m)	Q.P. LIMIT (dB μ V/M @	MARGIN
				PEAK 3 METERS	(dB)	
912.3M	H	1.5	157°	69	94	>-10dB
912.3M	V	1.25	180°	65	94	>-10dB
1842M	H	1.0	180°	43	74	>-10dB
1842M	V	1.0	157°	46	74	>-10dB
2763M	H	1.0	247°	42	74	>-10dB
2763M	V	1.0	225°	45	74	>-10dB
3685M	H	1.0	135°	53	74	>-10dB
3685M	V	1.0	180°	56	74	>-10db
4606M	H	1.25	180°	46	74	>-10dB
4606M	V	1.0	157°	48	74	>-10dB
5527M	H/V			NOISE FLOOR LEVEL		
6449M	H/V			NOISE FLOOR LEVEL		
7370M	H/V			NOISE FLOOR LEVEL		
8291M	H/V			NOISE FLOOR LEVEL		
9213M	H/V			NOISE FLOOR LEVEL		

TABLE 6.1-6

FCC RADIATED EMISSIONS TABULATED RESULTS

EUT MODEL: **Summation Research, Inc. Series 300 Wireless Link
ST326-16-X Transmitter Harmonics**

S/N: **0002** DATE: **11/17/99** FREQ: **High 921.3MHz** TESTER:

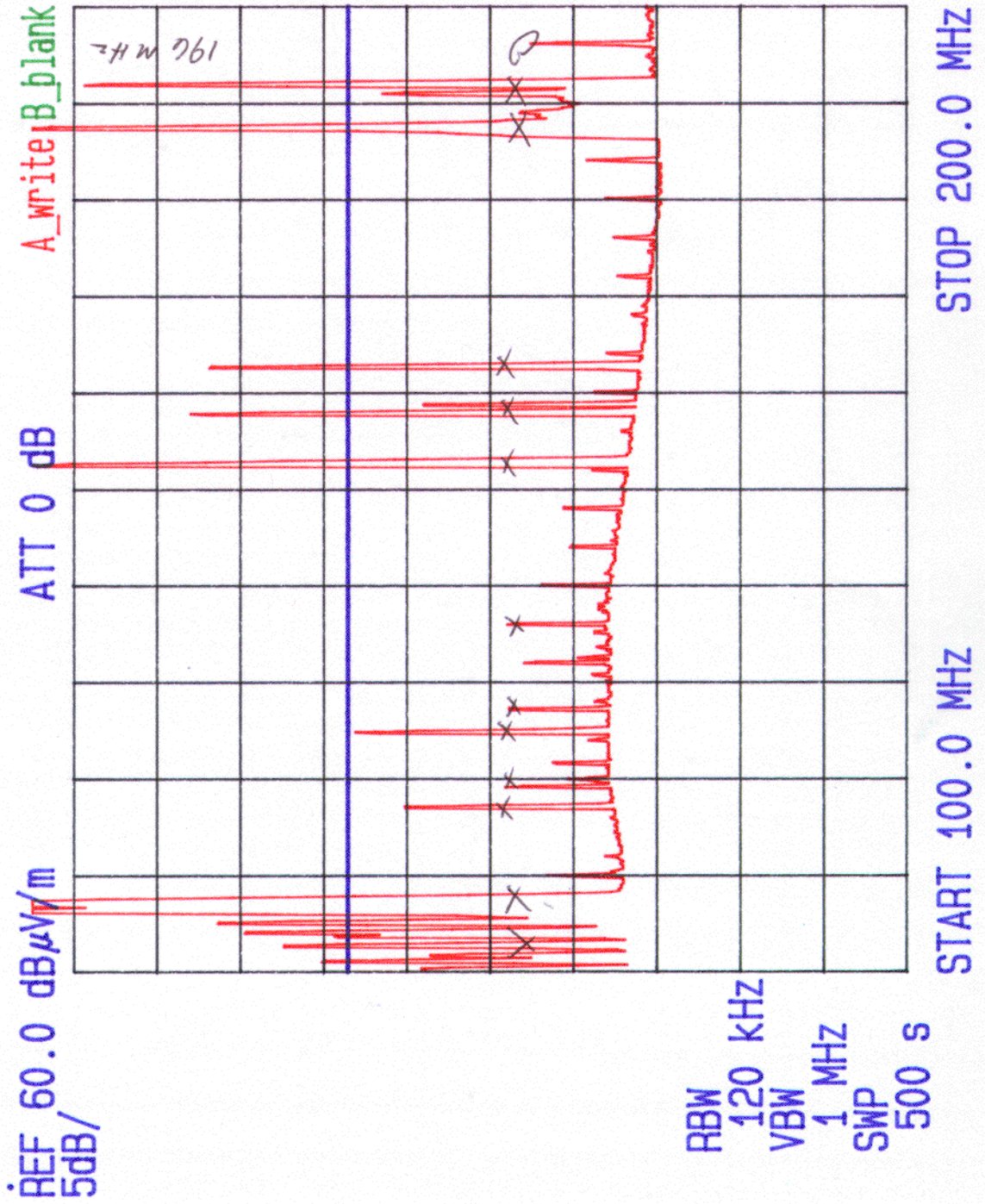
<u>FREQUENCY</u> <u>(MHZ)</u>	<u>ANTENNA</u> <u>POL.</u>	<u>EVALUATION</u>	<u>AZIMUTH</u>	MEASURED (dB μ V/m) <u>AVG.</u>	AVG. LIMIT (dB μ V/M @ <u>3 METERS</u>	MARGIN (dB)
1842M	H	1.0	180°	37	54	-17.0
1842M	V	1.0	157°	43	54	-11.0
2763M	H	1.0	247°	35	54	-19.0
2763M	V	1.0	225°	38	54	-16.0
3685M	H	1.0	135°	45	54	-9.0
3685M	V	1.0	180°	50	54	-4.0
4606M	H	1.25	180°	46	54	-8.0
4606M	V	1.0	157°	48	54	-6.0
5527M	H/V					
6449M	H/V					
7370M	H/V					
8291M	H/V					
9213M	H/V					

TABLE 6.1-7



TEST: FCC RADIATED	EUT: SERIES 300 WIRELESS LINK	S/N: 0002
FREQ: 100M-200MHz	SPEC: FCC CLASS B	ANT.HT/POL: 1.25 H
DETECTOR: QUASI PEAK	LINE UNDER TEST: N/A	EUT POSITION: 180°
DATE: 10-26-99	TEST SITE: 3 METER	TESTER: AB

JA-1679

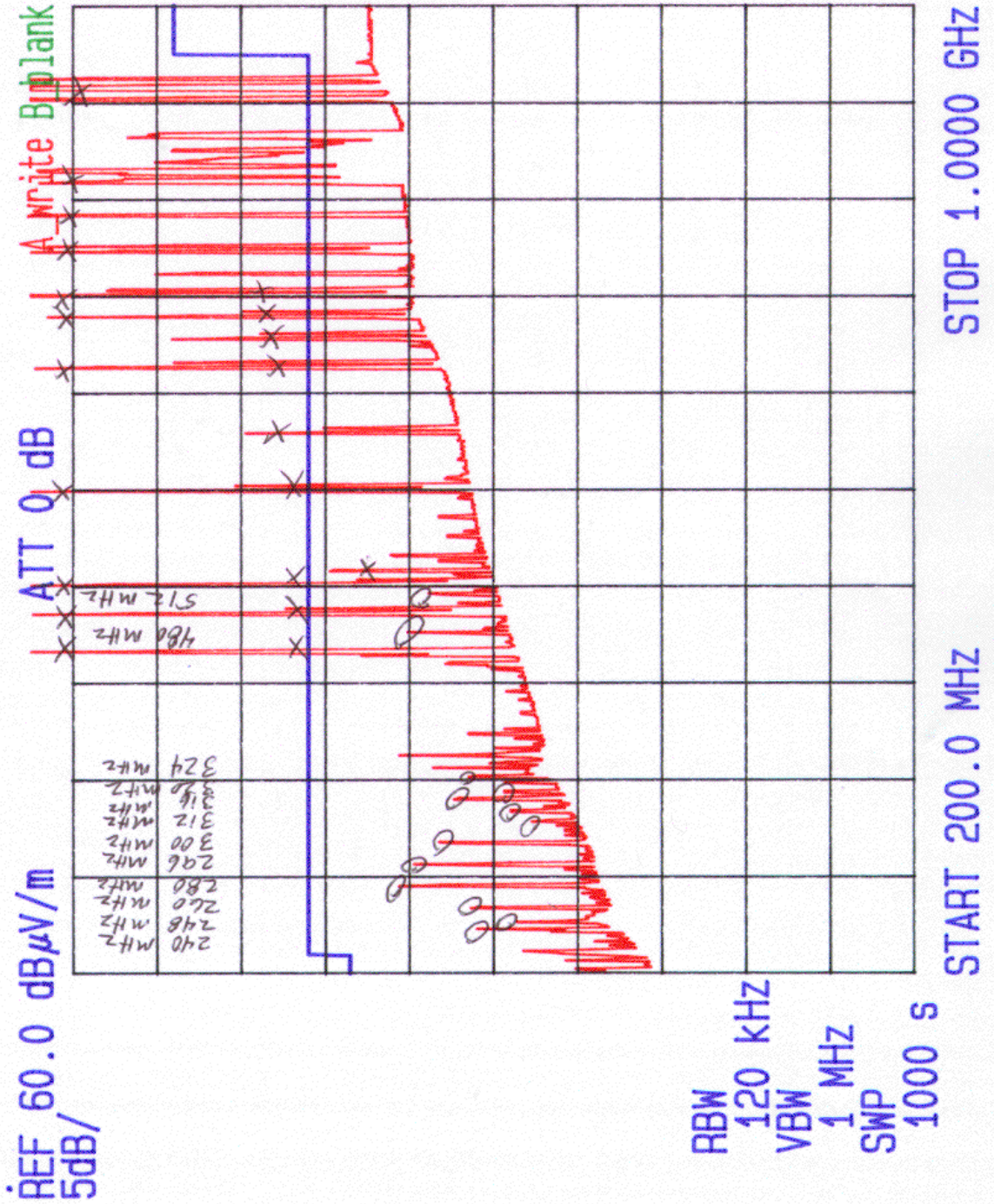


DATA SHEET 6.1-4



JA-1679

TEST: FCC RADIATED EUT: SERIES 300 WIRELESS LINK S/N: 0002
FREQ: 200M-1GHz SPEC: FCC CLASS B ANT.HT/POL: 1.25m H
DETECTOR: QUASI PEAK LINE UNDER TEST: N/A EUT POSITION:
DATE: 10-26-99 TEST SITE: 3 METER TESTER: AB

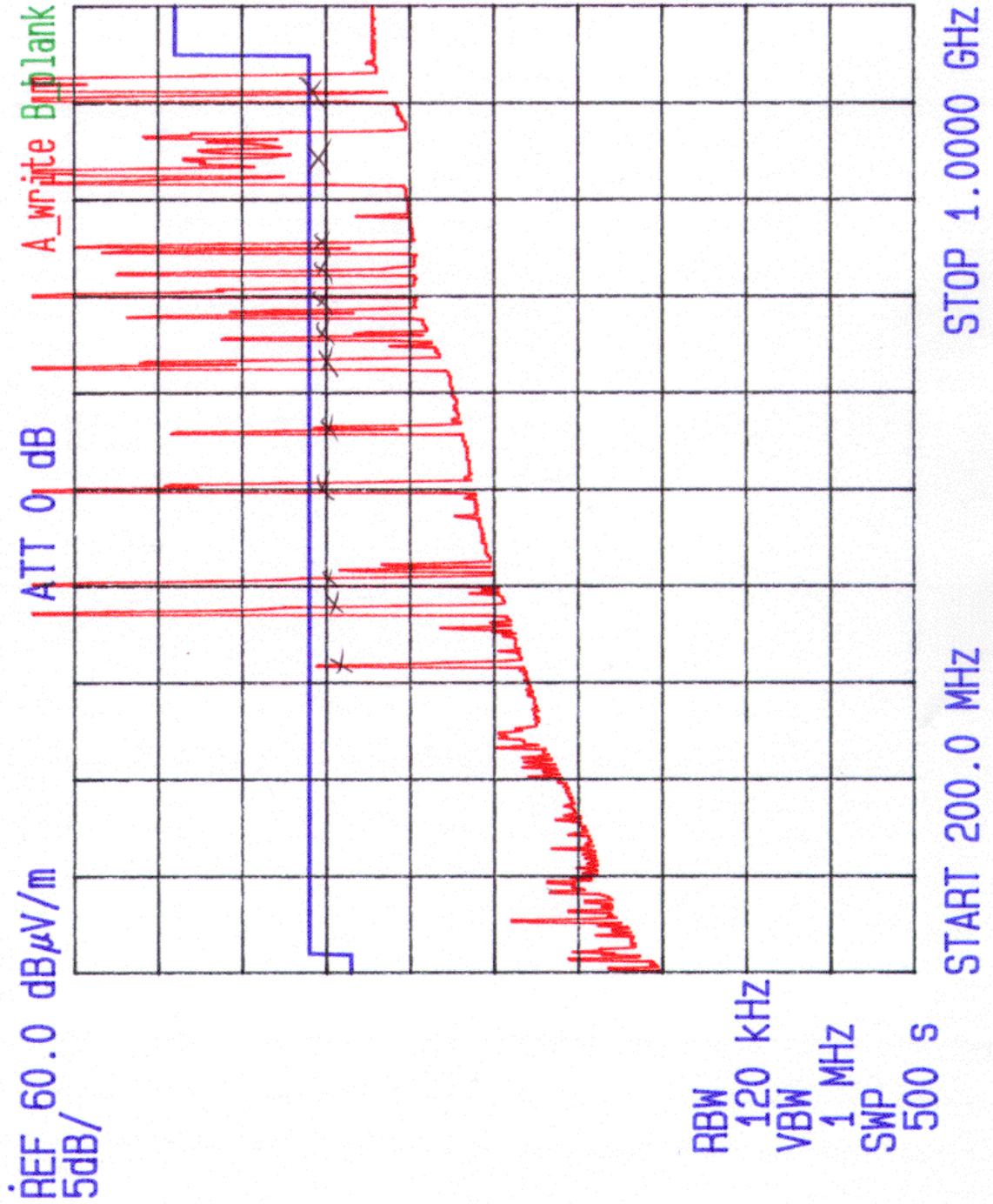


DATA SHEET 6.1-5



TEST: FCC RADIATED EUT: SERIES 300 WIRELESS LINK S/N: 0002
FREQ: 200M-1GHZ SPEC: FCC CLASS B ANT.HT/POL: 1.25m V
DETECTOR: QUASI PEAK LINE UNDER TEST: N/A EUT POSITION:
DATE: 10-26-99 TEST SITE: 3 METER TESTER: *AB*

JA-1679



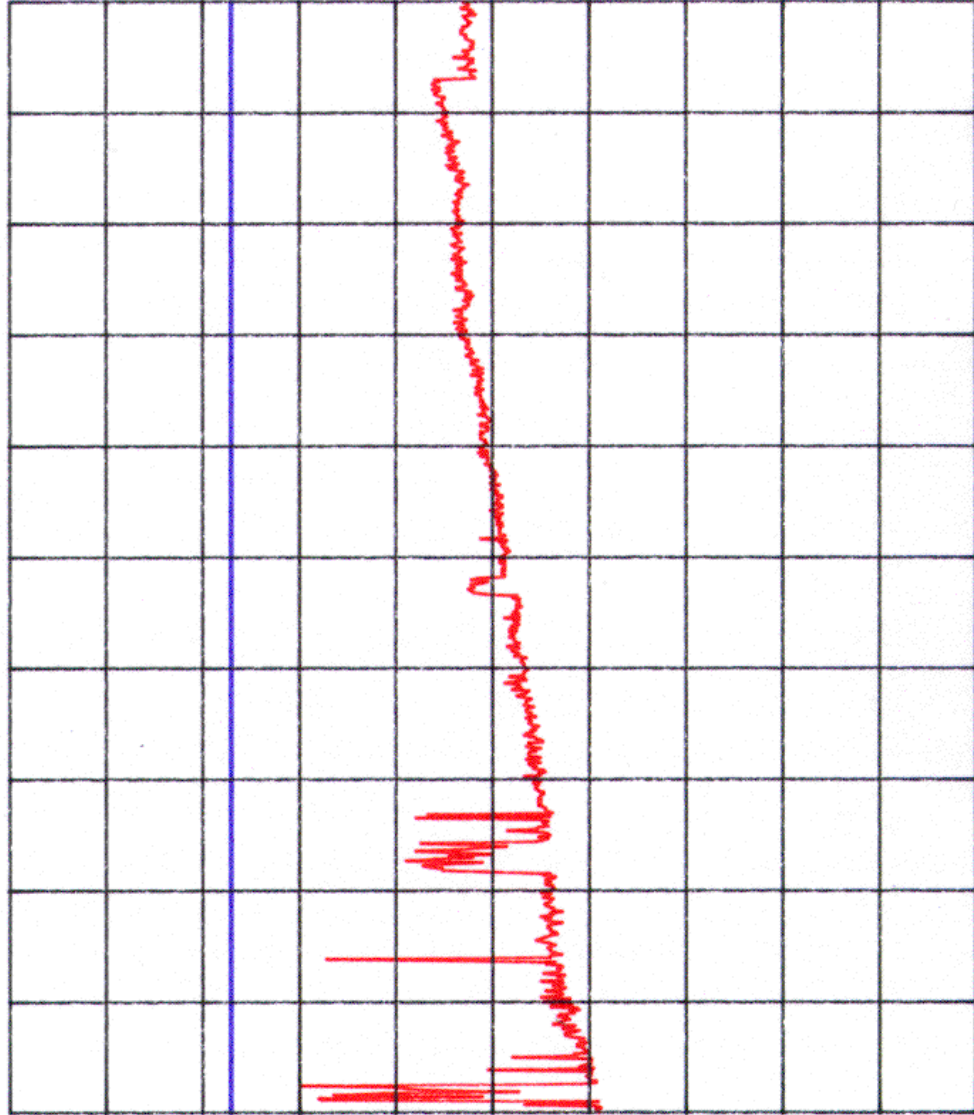
DATA SHEET 6.1-6



TEST: FCC RADIATED EUT: SERIES 300 WIRELESS LINK S/N: 8224C0051
FREQ: 1G-8GHz SPEC: PARAGRAPH 15.249 INT. RAD. ANT.HT/POL: 1.25m\H
DETECT: PEAK ANTENNA: N/A EUT POSITION: 157°
DATE: 10-27-99 TEST SITE: 3 METER TESTER: *AB*

JA-1679

REF 97.0 dB μ V/m ATT 0 dB A_write B_blank
10dB/



RBW 1 MHz
VBW 1 MHz
SWP 200 S

START 1.000 GHz STOP 8.000 GHz

DATA SHEET 6.1-7



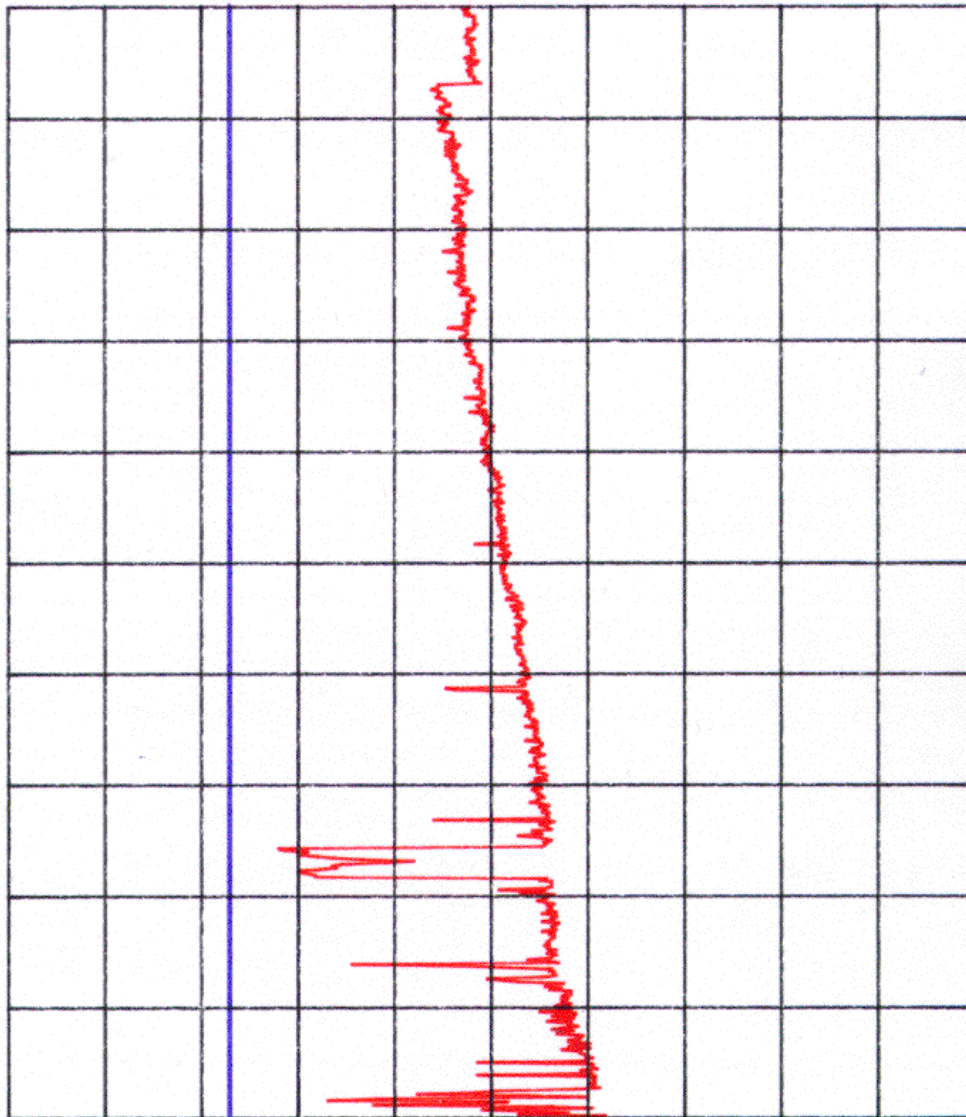
TEST: FCC RADIATED EUT: SERIES 300 WIRELESS LINK S/N: 8224C0051
FREQ: 1G-8GHz SPEC: PARAGRAPH 15.249 INT. RAD. ANT.HT/POL: 1.25m(V
DETECT: PEAK ANTENNA: N/A EUT POSITION:
DATE: 10-29-99 TEST SITE: 3 METER TESTER: AB

JA-1679

REF 97.0 dB μ V/m
10dB/

ATT 0 dB

A_write B_blank



RBW 1 MHz
VBW 1 MHz
SWP 200 S

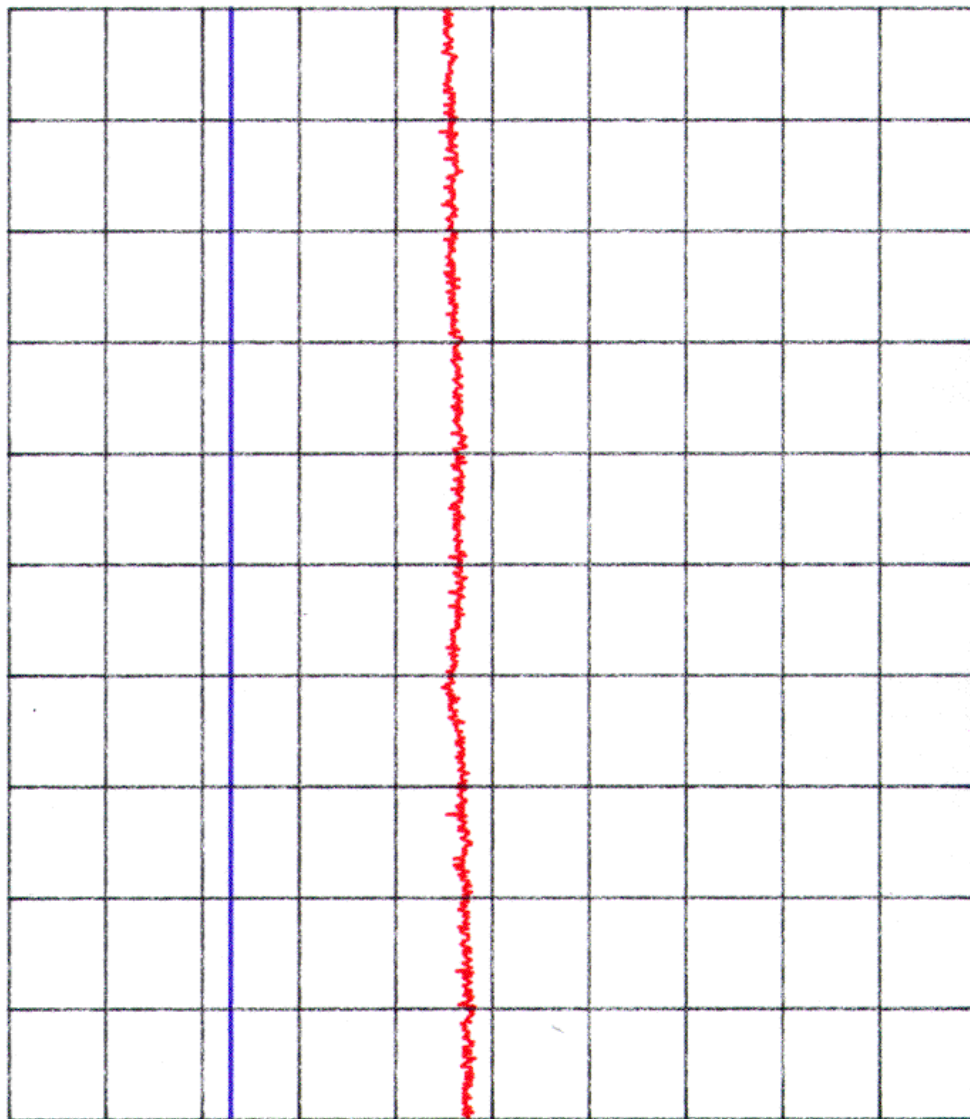
START 1.000 GHz STOP 8.000 GHz



TEST: FCC RADIATED EUT: SERIES 300 WIRELESS LINK S/N: 0002
FREQ: 8G-10GHZ SPEC: PARAGRAPH 15.249 INT. RAD. ANT.HT/POL: 15m H
DETECT: PEAK ANTENNA: N/A EUT POSITION: 157
DATE: 10-27-79 TEST SITE: 1 METER TESTER: *AB*

JA-1679

REF 97.0 dB μ V/m ATT 0 dB A_write B_blank
10dB/



RBW 1 MHZ
VBW 1 MHZ
SWP 200 S

START 8.000 GHZ STOP 10.000 GHZ