APPENDIX D

DATA SHEETS

RADIATED EMISSIONS FOR THE TRANSMITTER DATA SHEETS

RADIATED EMISSIONS (FCC SECTION 15.205 AND 15.247)

COMPANY	Xircom, Inc.	DATE	3/5/01
EUT	RealPort2 Bluetooth 16 Bit Type III PC Card Adapter	DUTY CYCLE	N/A
MODEL	R2BT	PEAK TO AVG	N/A
S/N	Pre-Production	TEST DIST.	3 METERS
TEST ENGINEER	KYLE FUJIMOTO	LAB	D

Frequency MHz	Peak Reading (dBuV)	Average (A) or Quasi-Peak (QP)	Antenna Polar. (V or H)	Antenna Height (meters)	EUT Azimuth (degrees)	EUT Axis (X,Y,Z)	EUT Tx Channel	Antenna Factor (dB)	Cable Loss (dB)	Amplifier Gain (dB)	*Corrected Reading (dBuV/m)	Delta ** (dB)	Spec Limit (dBuV/m)	Comments
2402.0000	55.8	A	H	1.0	180	X	LOW	30.5	3.6	0.0	**89.9**			
2402.0000	57.4	A	V	1.0	180	X	LOW	30.5	3.6	0.0	**91.5**			
2442.0000	47.1	A	H	1.5	180	X	LOW	30.6	3.5	0.0	**81.2**			
2442.0000	47.9	A	V	1.0	90	X	HIGH	30.6	3.5	0.0	**82.0**			
2480.0000	44.1	A	H	1.5	180	X	HIGH	30.7	3.5	0.0	**78.3**			
2480.0000	45.4	A	V	1.0	180	X	HIGH	30.7	3.5	0.0	**79.6**			

* CORRECTED READING = METER READING + ANTENNA FACTOR + CABLE LOSS - AMPLIFIER GAIN
** DELTA = SPEC LIMIT - CORRECTED READING

RADIATED EMISSIONS (FCC SECTION 15.205 AND 15.247)

COMPANY	Xircom, Inc.	DATE	3/5/01
EUT	RealPort2 Bluetooth 16 Bit Type III PC Card Adapter	DUTY CYCLE	N/A
MODEL	R2BT	PEAK TO AVG	N/A
S/N	Pre-Production	TEST DIST.	3 METERS
TEST ENGINEER	KYLE FUJIMOTO	LAB	D

Frequency MHz	Peak Reading (dBuV)	Average (A) or Quasi-Peak (QP)	Antenna Polar. (V or H)	Antenna Height (meters)	EUT Azimuth (degrees)	EUT Axis (X,Y,Z)	EUT Tx Channel	Antenna Factor (dB)	Cable Loss (dB)	Amplifier Gain (dB)	*Corrected Reading (dBuV/m)	Delta ** (dB)	Spec Limit (dBuV/m)	Comments
4804.0000	38.8	A	H	1.0	90	X	LOW	34.2	5.4	32.0	**46.4**	**-7.6**	**54.0**	
4804.0000	45.5	42.0 A	V	1.0	90	X	LOW	34.2	5.4	32.0	**49.6**	**-4.4**	**54.0**	
4884.0000	41.5	35.1 A	H	1.0	90	X	MID	34.4	5.6	32.1	**43.0**	**-11.0**	**54.0**	
4884.0000	42.1	38.1 A	V	1.0	90	X	MID	34.4	5.6	32.1	**46.0**	**-8.0**	**54.0**	
4960.0000	42.4	37.8 A	H	1.0	180	X	HIGH	34.7	5.7	32.2	**46.0**	**-8.0**	**54.0**	
4960.0000	45.6	42.8 A	V	1.0	180	X	HIGH	34.7	5.7	32.2	**51.0**	**-3.0**	**54.0**	

* CORRECTED READING = METER READING + ANTENNA FACTOR + CABLE LOSS - AMPLIFIER GAIN
** DELTA = SPEC LIMIT - CORRECTED READING

RADIATED EMISSIONS (FCC SECTION 15.205 AND 15.247)

COMPANY	Xircom, Inc.	DATE	3/5/01
EUT	RealPort2 Bluetooth 16 Bit Type III PC Card Adapter	DUTY CYCLE	N/A
MODEL	R2BT	PEAK TO AVG	N/A
S/N	Pre-Production	TEST DIST.	3 METERS
TEST ENGINEER	KYLE FUJIMOTO	LAB	D

Frequency MHz	Peak Reading (dBuV)	Average (A) or Quasi-Peak (QP)	Antenna Polar. (V or H)	Antenna Height (meters)	EUT Azimuth (degrees)	EUT Axis (X,Y,Z)	EUT Tx Channel	Antenna Factor (dB)	Cable Loss (dB)	Amplifier Gain (dB)	*Corrected Reading (dBuV/m)	Delta ** (dB)	Spec Limit (dBuV/m)	Comments
7206.0000	38.4	30.6 A	H	1.0	180	X	LOW	38.7	8.1	32.5	44.9	-9.1	54.0	
7206.0000	39.0	30.9 A	V	1.0	90	X	LOW	38.7	8.1	32.5	45.2	-8.8	54.0	
7326.0000	44.2	38.5 A	H	1.5	90	X	LOW	38.6	8.1	32.7	52.6	-1.4	54.0	
7326.0000	44.3	35.2 A	V	1.5	180	X	LOW	38.6	8.1	32.7	49.2	-4.8	54.0	
7440.0000	41.4	32.0 A	H	1.5	180	X	LOW	38.6	7.9	32.9	45.6	-8.4	54.0	
7440.0000	40.1	30.6 A	V	1.5	270	X	LOW	38.6	7.9	32.9	44.2	-9.8	54.0	

* CORRECTED READING = METER READING + ANTENNA FACTOR + CABLE LOSS - AMPLIFIER GAIN
** DELTA = SPEC LIMIT - CORRECTED READING

RADIATED EMISSIONS (FCC SECTION 15.205 AND 15.247)

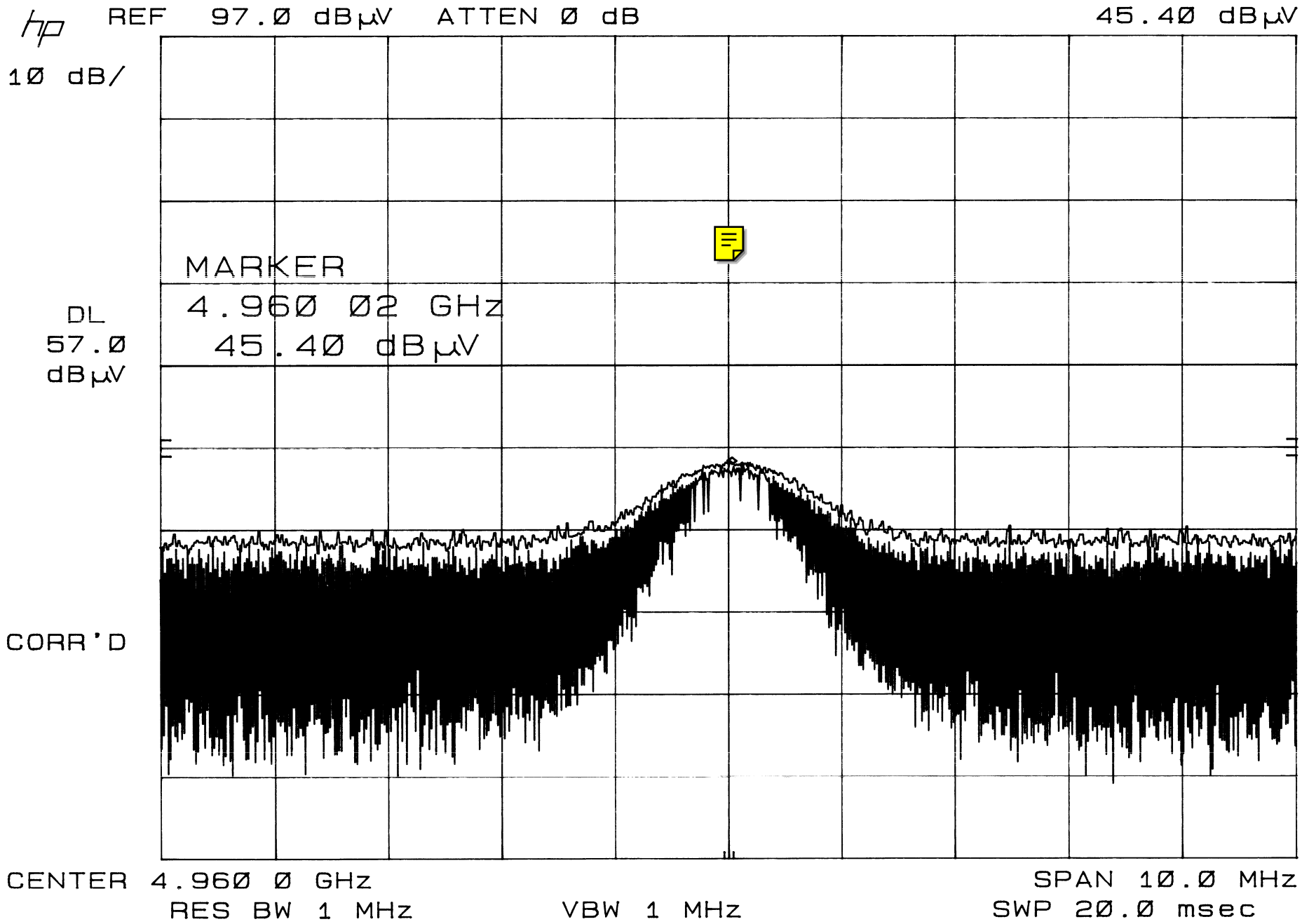
COMPANY	Xircom, Inc.	DATE	3/5/01
EUT	RealPort2 Bluetooth 16 Bit Type III PC Card Adapter	DUTY CYCLE	N/A
MODEL	R2BT	PEAK TO AVG	N/A
S/N	Pre-Production	TEST DIST.	3 METERS
TEST ENGINEER	KYLE FUJIMOTO	LAB	D

Frequency MHz	Peak Reading (dBuV)	Average (A) or Quasi-Peak (QP)	Antenna Polar. (V or H)	Antenna Height (meters)	EUT Azimuth (degrees)	EUT Axis (X,Y,Z)	EUT Tx Channel	Antenna Factor (dB)	Cable Loss (dB)	Amplifier Gain (dB)	*Corrected Reading (dBuV/m)	Delta ** (dB)	Spec Limit (dBuV/m)	Comments
9608.0000	37.5	A	H	1.0	180	X	LOW	39.6	9.2	30.9	55.4	-16.1	71.5	
9608.0000	45.6	38.6 A	V	1.0	180	X	LOW	39.6	9.2	30.9	56.5	-15.0	71.5	
9768.0000	43.9	36.6 A	H	1.0	270	X	LOW	39.7	9.4	31.2	54.5	-7.5	62.0	
9768.0000	46.1	42.0 A	V	1.0	270	X	LOW	39.7	9.4	31.2	59.8	-2.2	62.0	
9920.0000	42.1	35.9 A	H	1.5	90	X	LOW	39.7	9.8	31.5	54.0	-5.6	59.6	
9920.0000	45.2	39.0 A	V	1.5	180	X	LOW	39.7	9.8	31.5	57.1	-2.5	59.6	

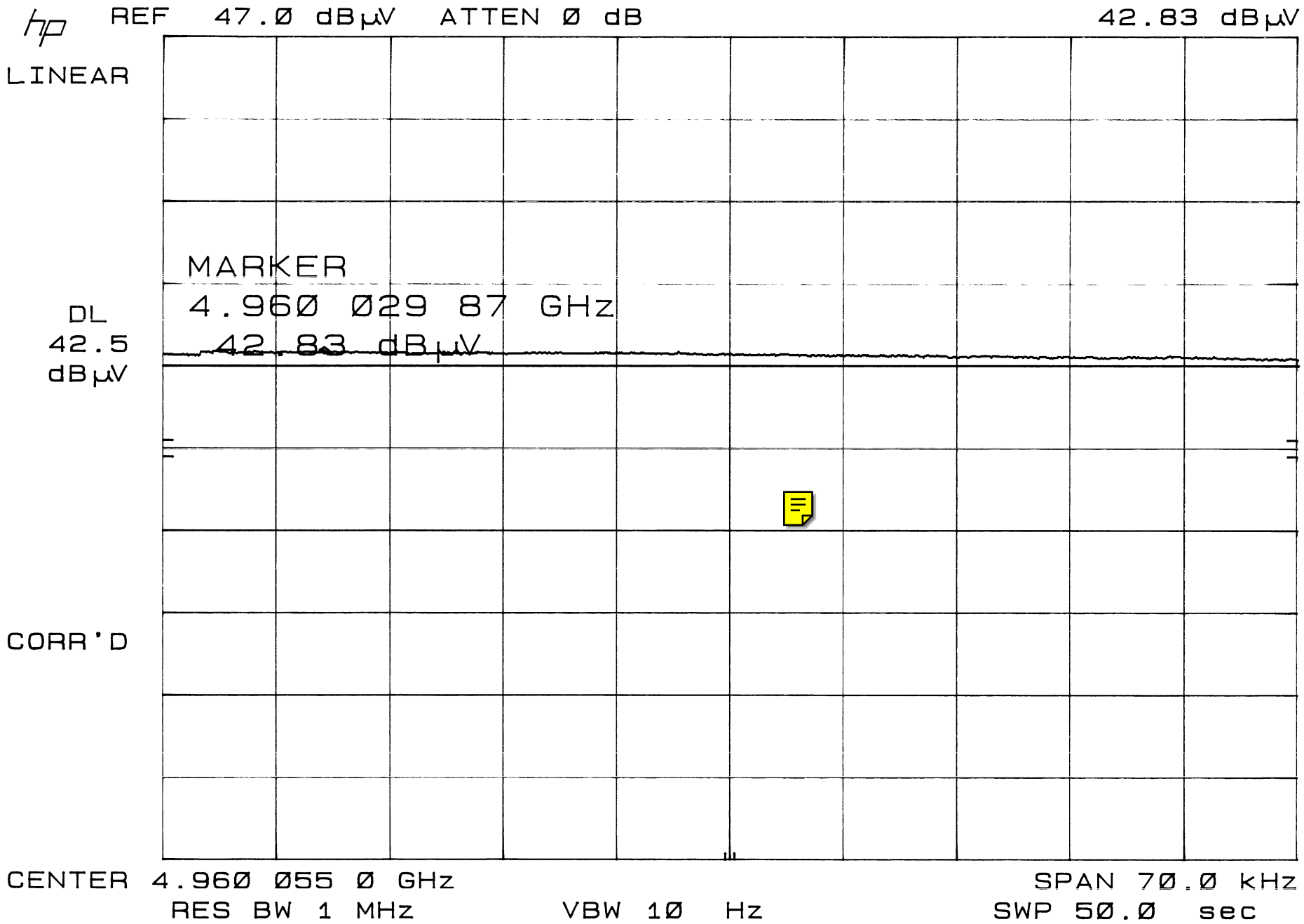
* CORRECTED READING = METER READING + ANTENNA FACTOR + CABLE LOSS - AMPLIFIER GAIN
** DELTA = SPEC LIMIT - CORRECTED READING

No Harmonics nor Emissions found after the 4th Harmonic

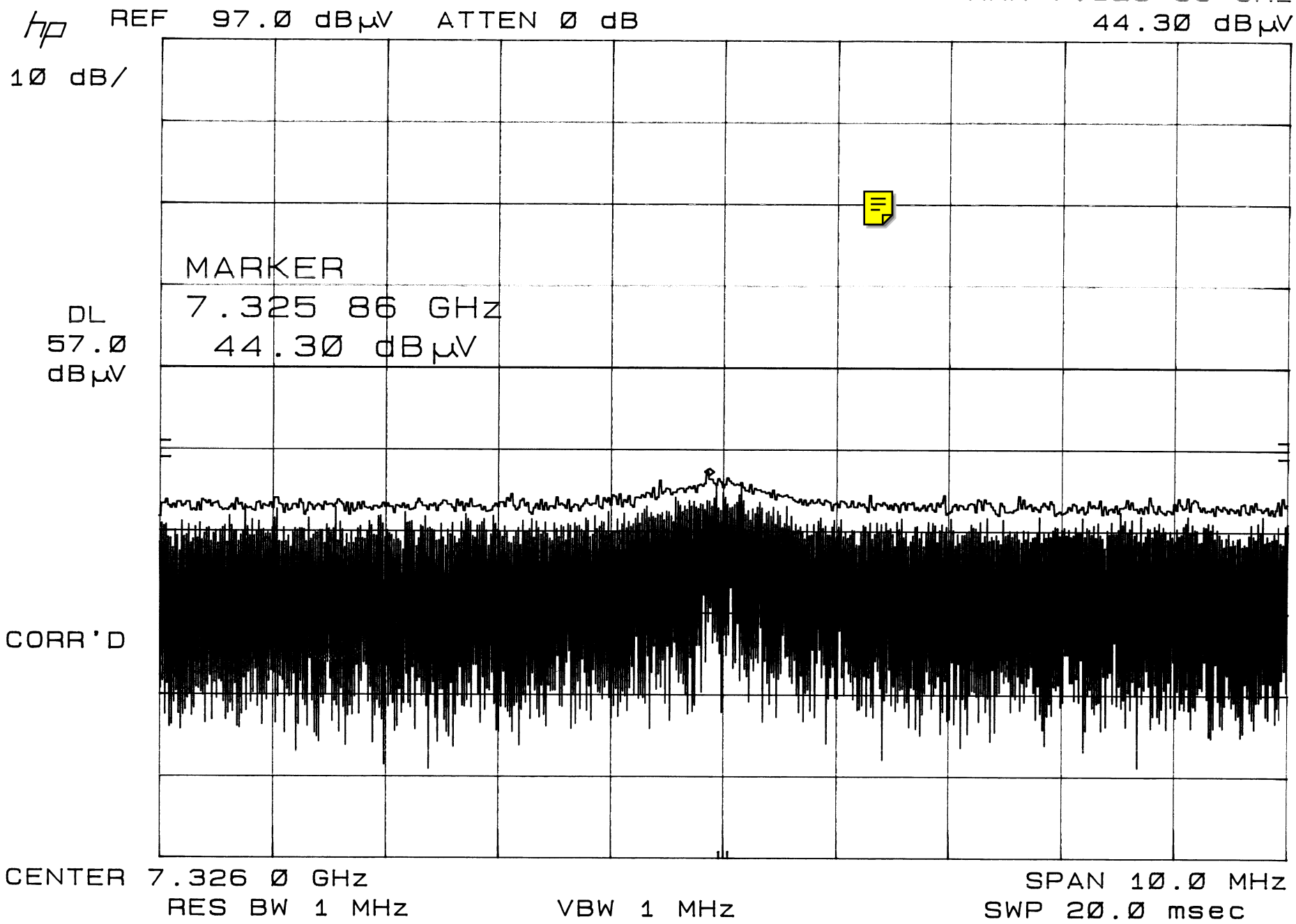
SPECTRAL PLOT OF 2ND HARMONIC



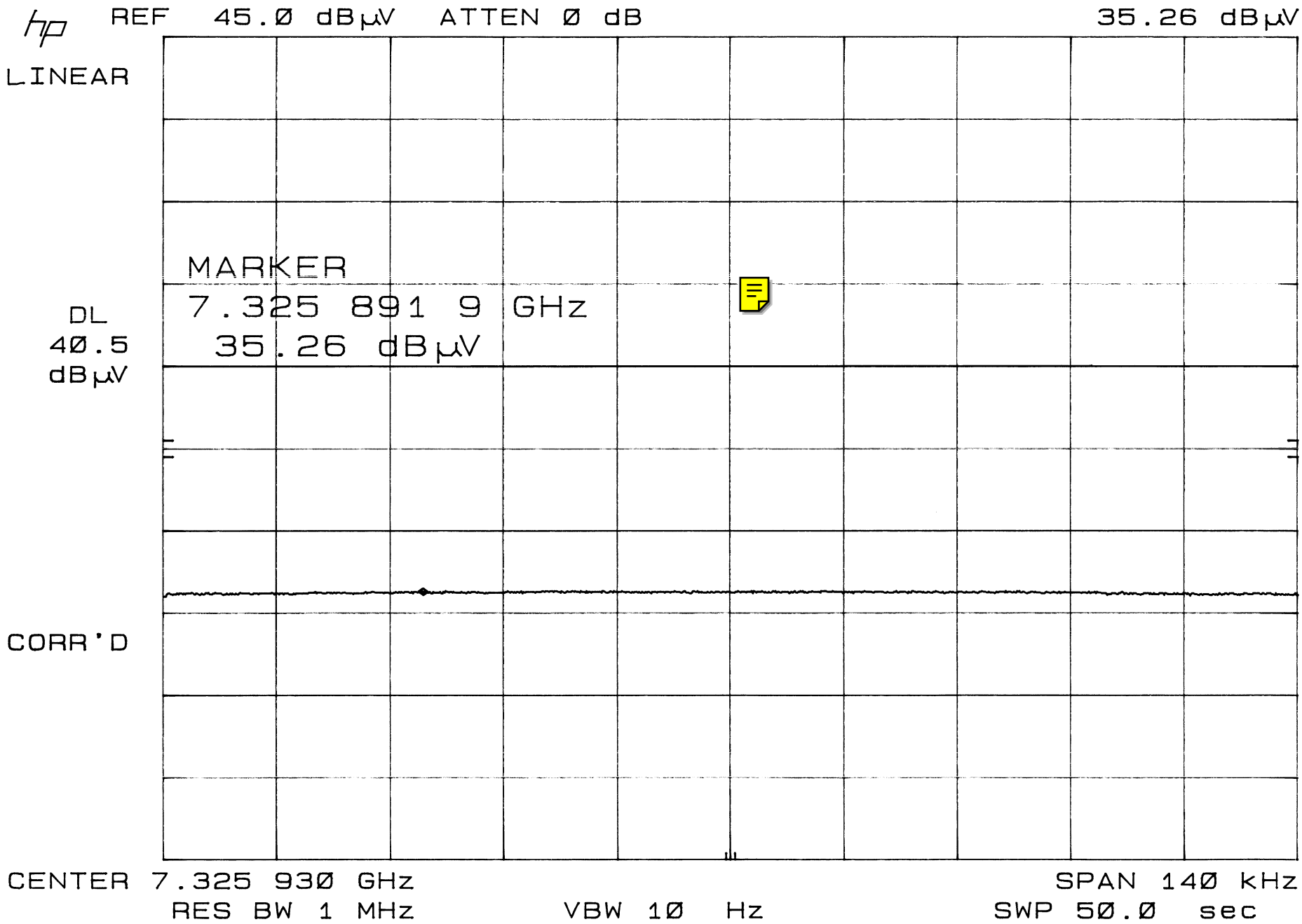
AVERAGE OF 2ND HARMONIC



SPECTRAL PLOT OF 3RD HARMONIC



AVERAGE OF 3RD HARMONIC



Test location: Compatible Electronics
Customer : XIRCOM, INC. Date : 3/ 5/2001
Manufacturer : XIRCOM, INC. Time : 12.00
EUT name : REALPORT2 BLUETOOTH ADAPTER Model: R2BT
Specification: Cispr_B Test distance: 10.0 mtrs Lab: D
Distance correction factor(20*log(test/spec)) : 0.00
Test Mode : REALPORT2 BLUETOOTH 16 BIT TYPE III PC CARD ADAPTER
VERTICAL POLARIZATION 30 MHz TO 1000 MHz
SPURIOUS EMISSIONS
TEMPERATURE 55 DEGREES F., RELATIVE HUMIDITY 75%
TESTED BY: KYLE FUJIMOTO

Pol	Freq MHz	Rdng dBuV	Cable loss dB	Ant factor dB	Amp gain dB	Cor'd rdg = R dBuV	limit = L dBuV/m	Delta R-L dB
1V	85.37	44.00	1.81	8.12	38.55	15.38	30.00	-14.62
2V	109.41	49.20	2.08	9.44	38.89	21.82	30.00	-8.18
3V	114.64	50.30	2.12	9.88	38.99	23.30	30.00	-6.70
4V	120.09	49.70	2.16	10.35	39.10	23.11	30.00	-6.89
5V	145.33	47.00	2.44	12.83	38.87	23.40	30.00	-6.60
6V	150.13	49.30	2.50	12.96	38.80	25.96	30.00	-4.04
7V	247.96	49.30	3.58	16.35	38.80	30.43	37.00	-6.57
8V	344.13	46.30	4.06	14.70	38.90	26.17	37.00	-10.83
9V	368.77	45.20	4.18	15.68	38.79	26.26	37.00	-10.74
10V	405.63	43.60	4.31	16.90	38.59	26.22	37.00	-10.78
11V	442.46	40.20	4.38	16.83	38.52	22.90	37.00	-14.10
12V	449.87	45.30	4.40	16.82	38.50	28.02	37.00	-8.98
13V	456.13	43.60	4.44	16.81	38.52	26.32	37.00	-10.68
14V	493.92	45.70	4.66	16.74	38.68	28.43	37.00	-8.57
15V	547.86	41.10	4.99	16.53	38.41	24.21	37.00	-12.79
16V	679.80	38.70	5.78	18.65	38.56	24.57	37.00	-12.43

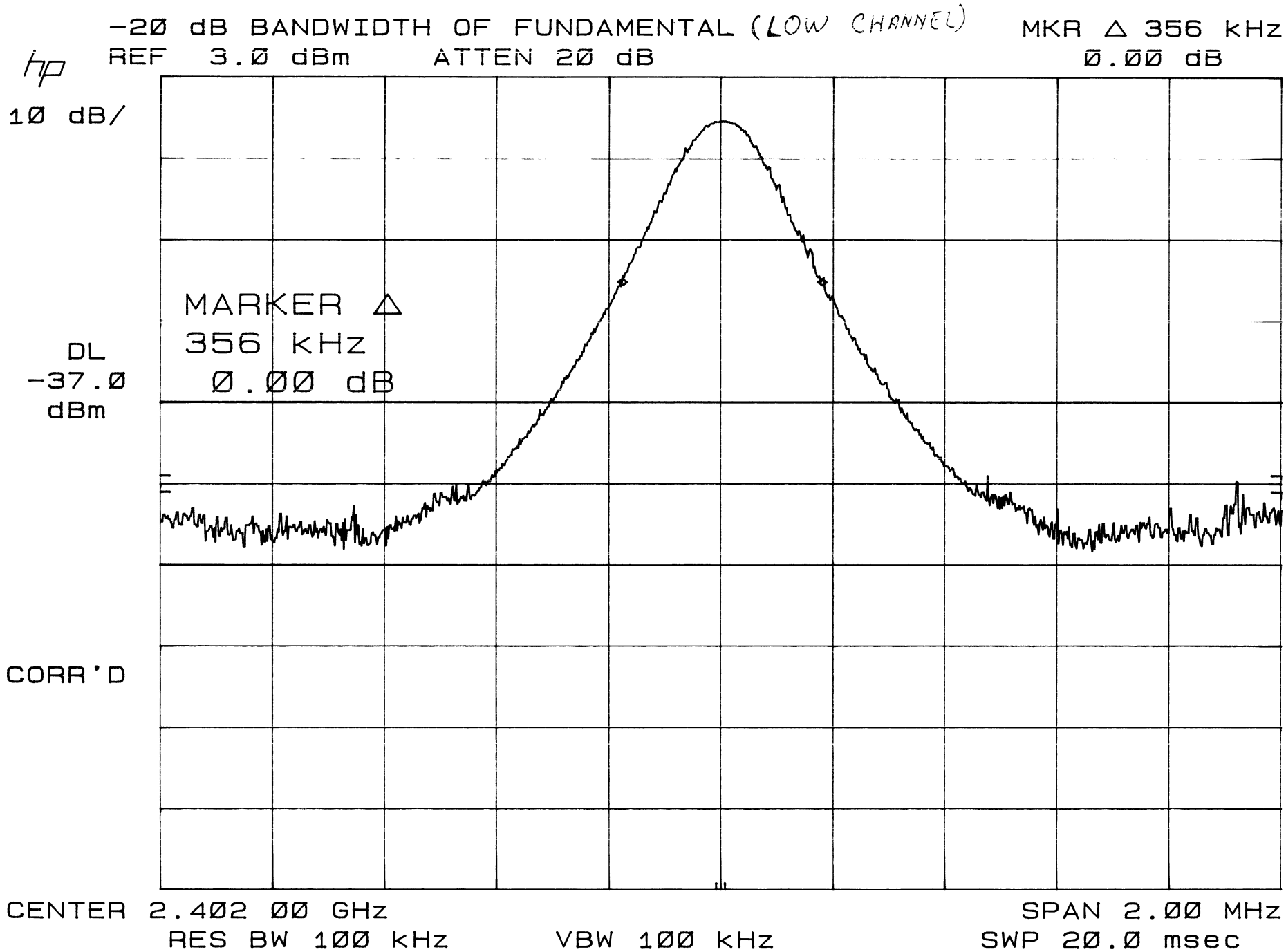
Test location: Compatible Electronics
Customer : XIRCOM, INC. Date : 3/ 5/2001
Manufacturer : XIRCOM, INC. Time : 13.52
EUT name : REALPORT2 BLUETOOTH ADAPTER Model: R2BT
Specification: Cispr_B Test distance: 10.0 mtrs Lab: D
Distance correction factor(20*log(test/spec)) : 0.00
Test Mode : REALPORT2 BLUETOOTH 16 BIT TYPE III PC CARD ADAPTER
VERTICAL POLARIZATION 30 MHz TO 1000 MHz
SPURIOUS EMISSIONS
TEMPERATURE 55 DEGREES F., RELATIVE HUMIDITY 75%
TESTED BY: KYLE FUJIMOTO

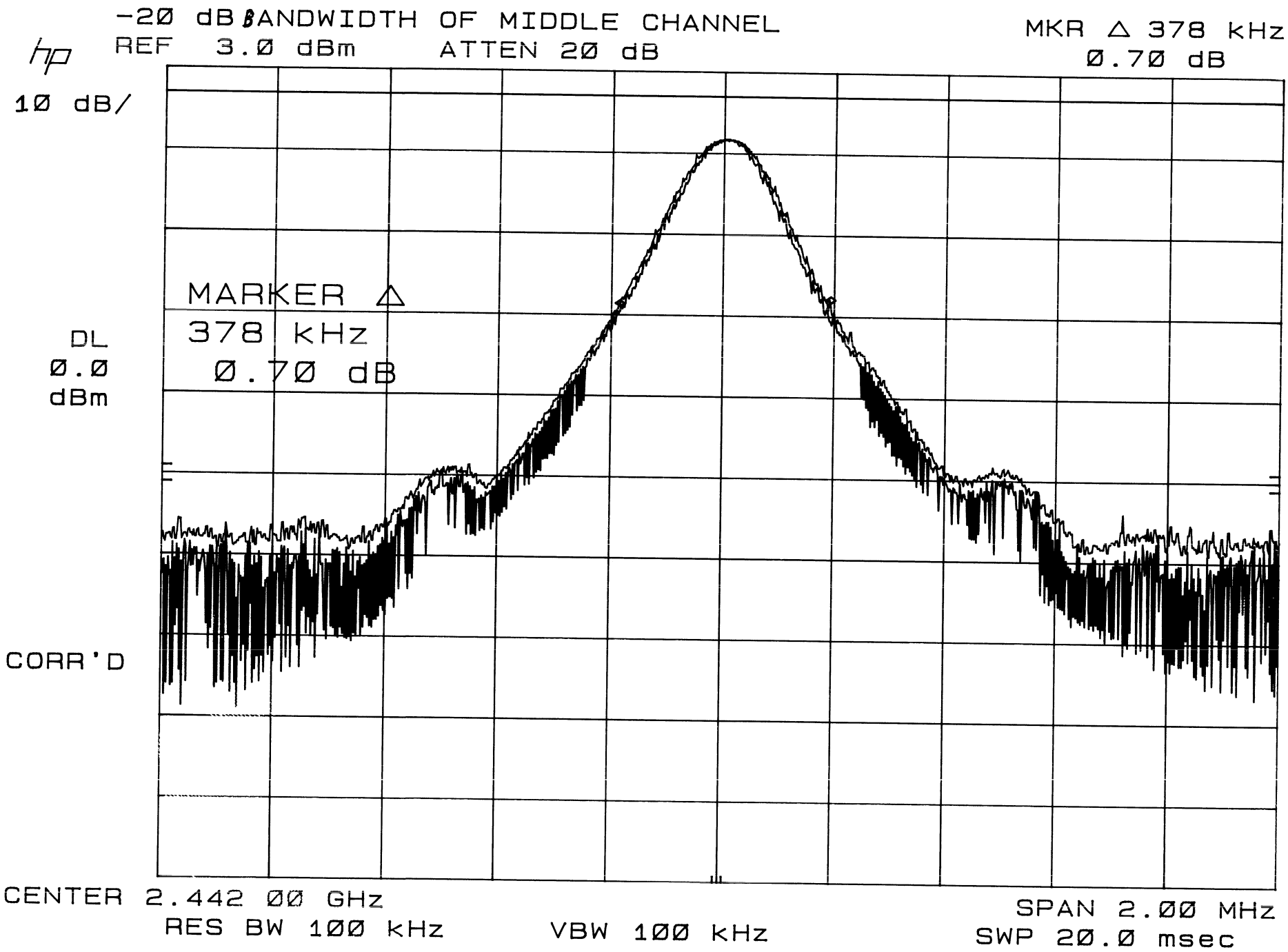
Pol	Freq MHz	Rdng dBuV	Cable loss dB	Ant factor dB	Amp gain dB	Cor'd rdg = R dBuV	limit = L dBuV/m	Delta R-L dB
1H	125.89	37.00	2.21	11.67	39.19	11.70	30.00	-18.30
2H	137.51	48.00	2.35	12.52	39.00	23.87	30.00	-6.13
3H	160.71	42.90	2.76	13.64	38.80	20.50	30.00	-9.50
4H	241.45	46.10	3.50	16.14	38.80	26.94	37.00	-10.06
5H	344.18	47.30	4.07	14.71	38.90	27.17	37.00	-9.83
6H	383.88	44.20	4.24	16.27	38.70	26.01	37.00	-10.99
7H	307.31	48.10	3.84	13.25	38.90	26.29	37.00	-10.71
8H	383.88	42.70	4.24	16.27	38.70	24.51	37.00	-12.49
9H	456.68	50.00	4.44	16.81	38.53	32.72	37.00	-4.28
10H	534.89	44.50	4.91	16.59	38.49	27.51	37.00	-9.49

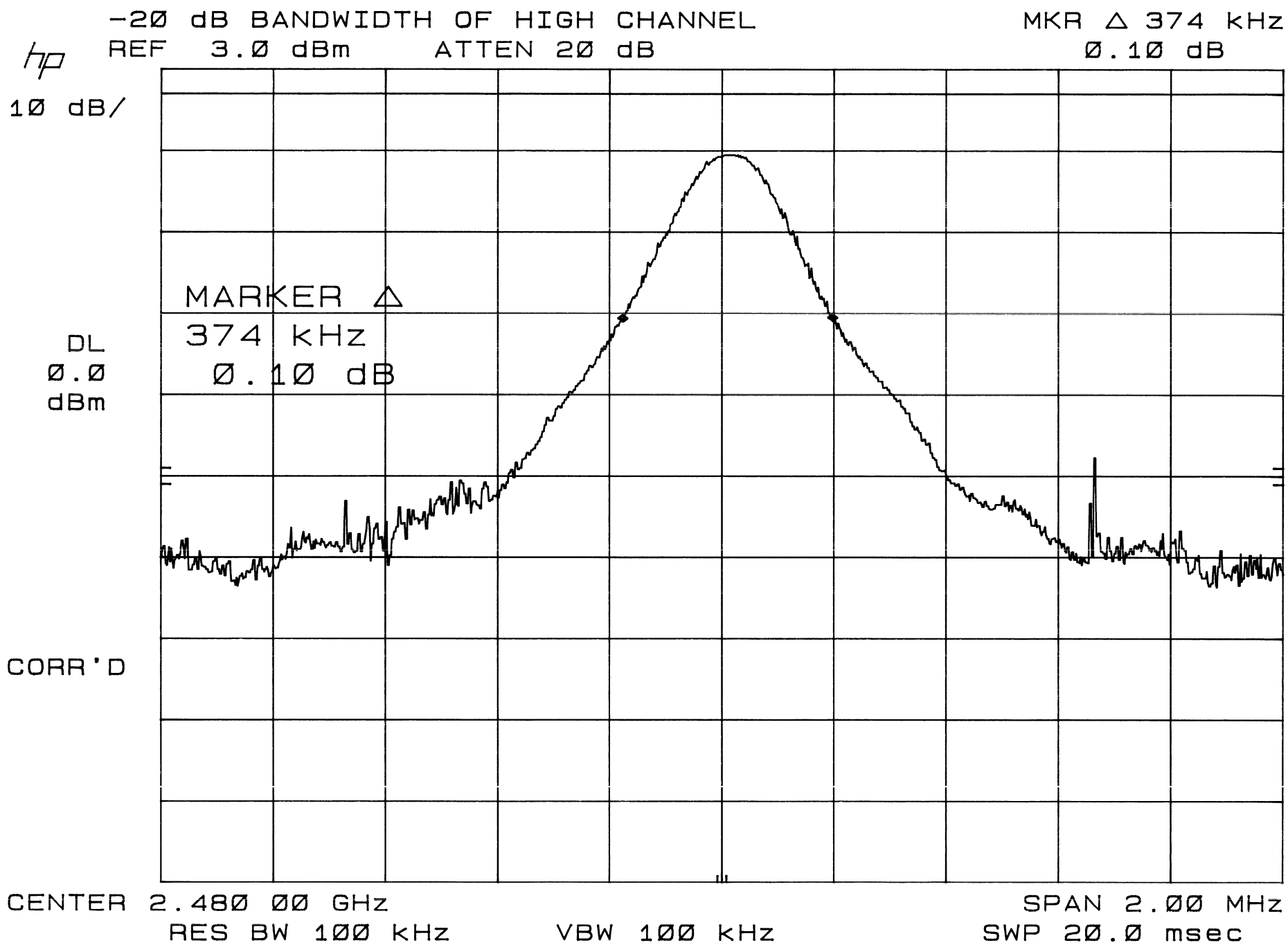
Test location: Compatible Electronics
Customer : XIRCOM, INC. Date : 3/ 5/2001
Manufacturer : XIRCOM, INC. Time : 14.42
EUT name : REALPORT2 BLUETOOTH ADAPTER Model: R2BT
Specification: Cispr_B Test distance: 10.0 mtrs Lab: D
Distance correction factor(20*log(test/spec)) : 0.00
Test Mode : REALPORT2 BLUETOOTH 16 BIT TYPE III PC CARD ADAPTER
VERTICAL AND HORIZONTAL POLARIZATION 10 kHz to 30 MHz
TEMPERATURE 55 DEGREES F., RELATIVE HUMIDITY 75%
SPURIOUS EMISSIONS FROM THE EUT
TESTED BY: KYLE FUJIMOTO

NO EMISSIONS WERE FOUND FROM THE EUT FROM 10 kHz TO 30 MHz
IN EITHER POLARIZATION

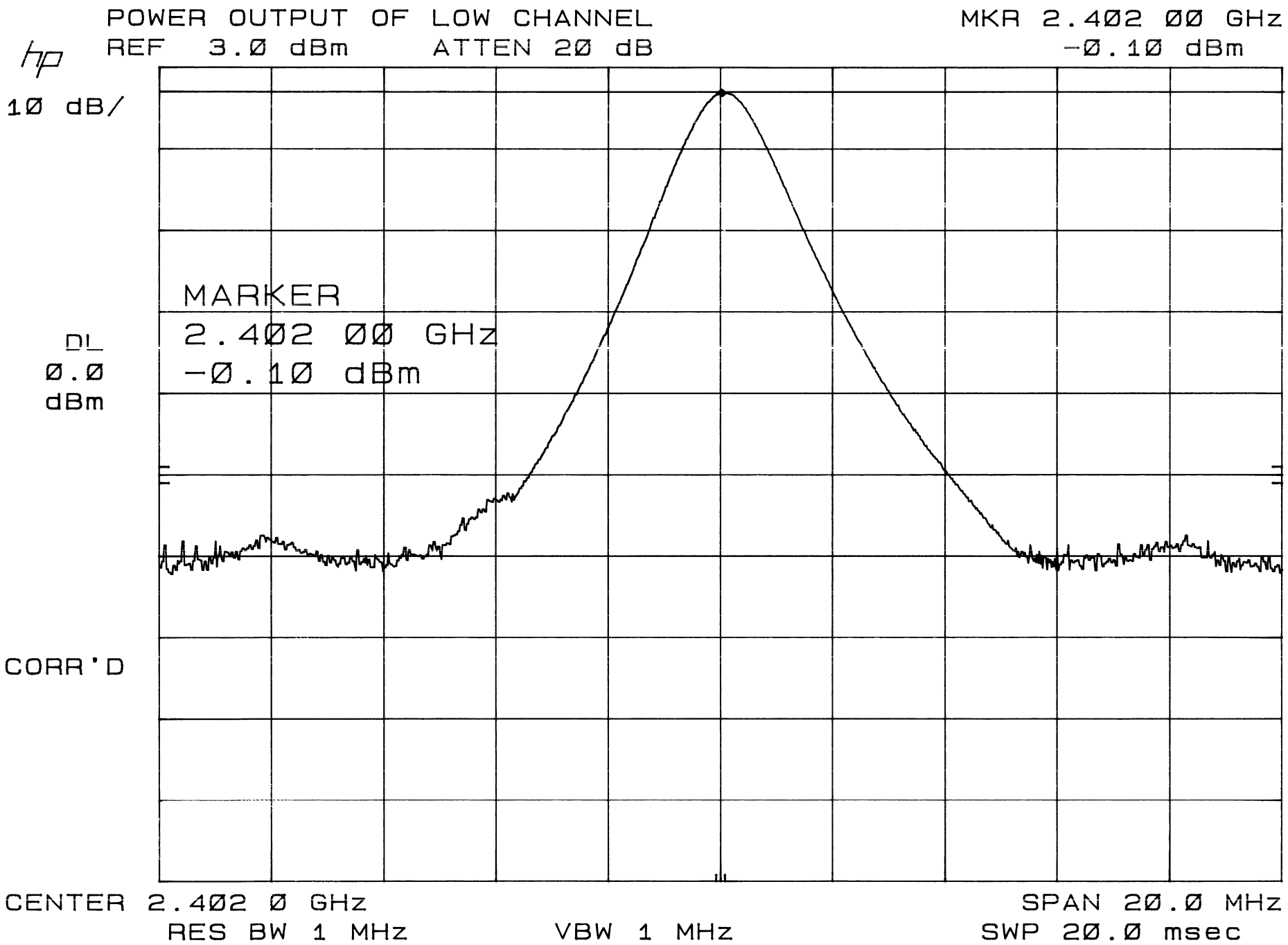
20 dB BANDWIDTH DATA SHEETS

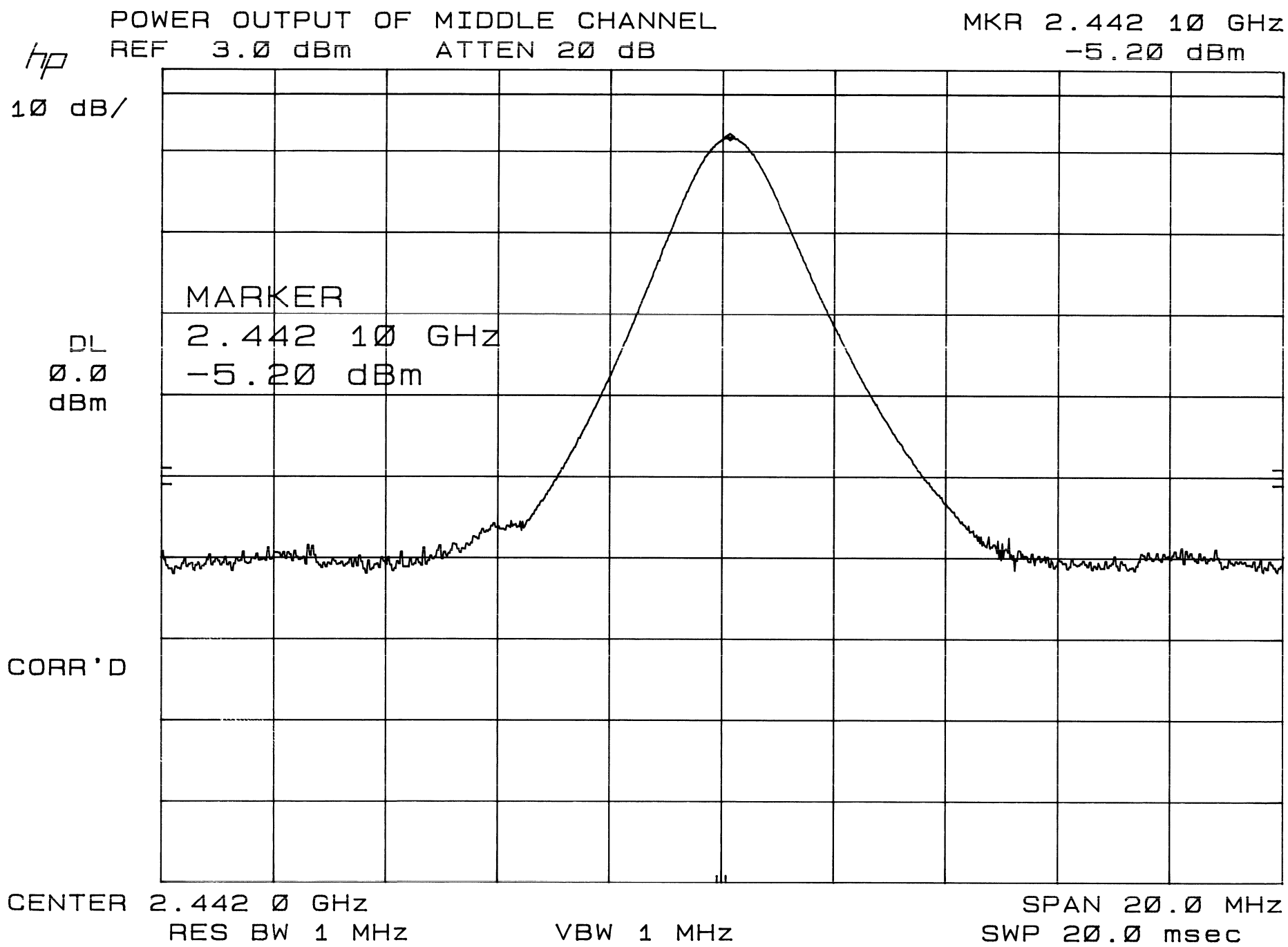

-20 dB BANDWIDTH OF FUNDAMENTAL (LOW CHANNEL)
MKR Δ 356 kHz
REF 3.0 dBm
ATTEN 20 dB
0.00 dB
10 dB/
MARKER Δ
356 kHz
0.00 dB
DL
-37.0
dBm
CORR'D
CENTER 2.402 00 GHz
SPAN 2.00 MHz
RES BW 100 kHz
VBW 100 kHz
SWP 20.0 msec

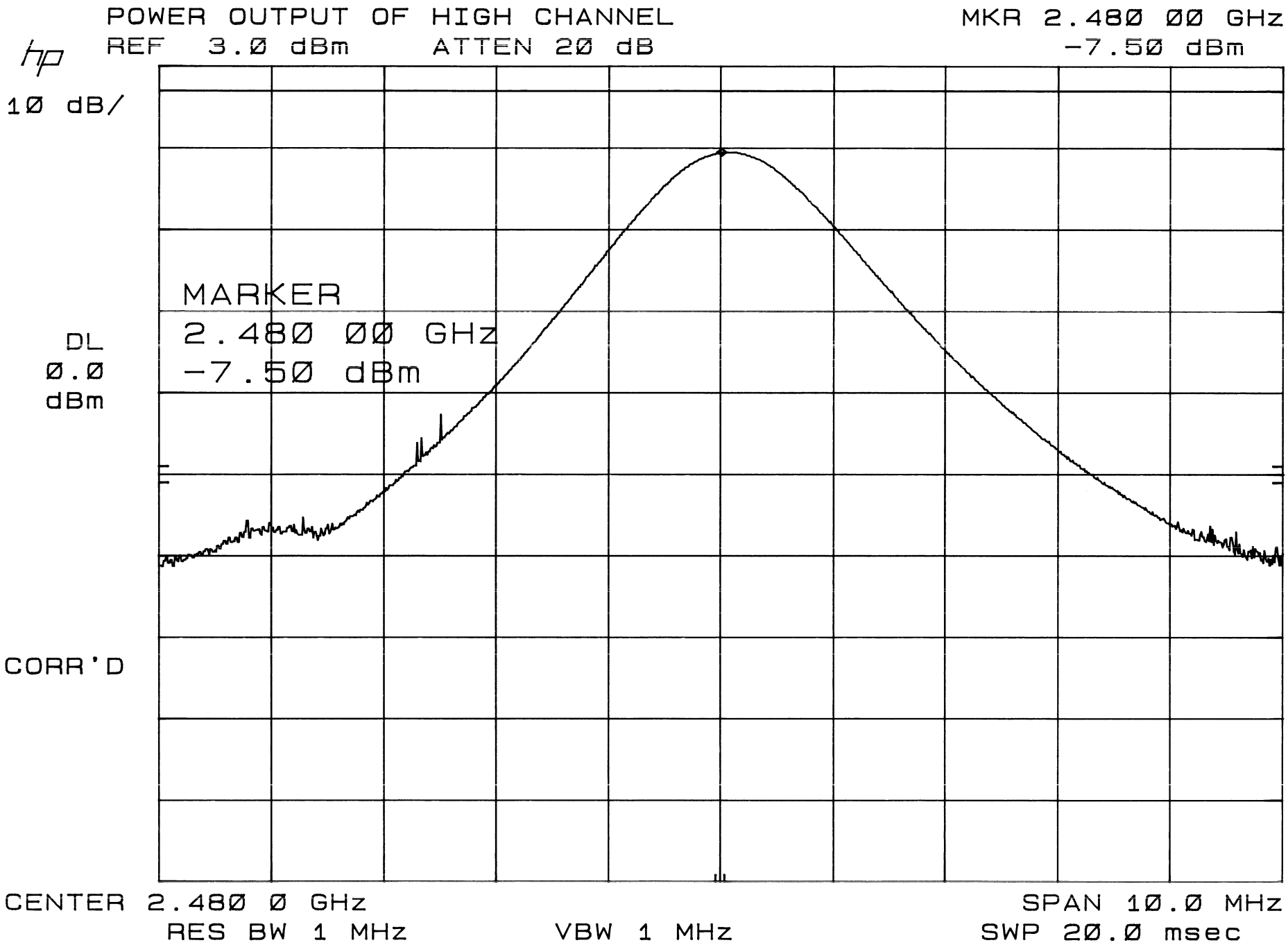

-20 dB BANDWIDTH OF MIDDLE CHANNEL
REF 3.0 dBm
ATTEN 20 dB
MKR Δ 378 kHz
0.70 dB
10 dB/
MARKER Δ
378 kHz
0.70 dB
DL
0.0
dBm
CORR'D
CENTER 2.442 00 GHz
RES BW 100 kHz
VBW 100 kHz
SPAN 2.00 MHz
SWP 20.0 msec


-20 dB BANDWIDTH OF HIGH CHANNEL
MKR Δ 374 kHz
REF 3.0 dBm
ATTEN 20 dB
0.10 dB
10 dB/
MARKER Δ
374 kHz
0.10 dB
DL
0.0
dBm
CORR'D
CENTER 2.480 00 GHz
SPAN 2.00 MHz
RES BW 100 kHz
VBW 100 kHz
SWP 20.0 msec

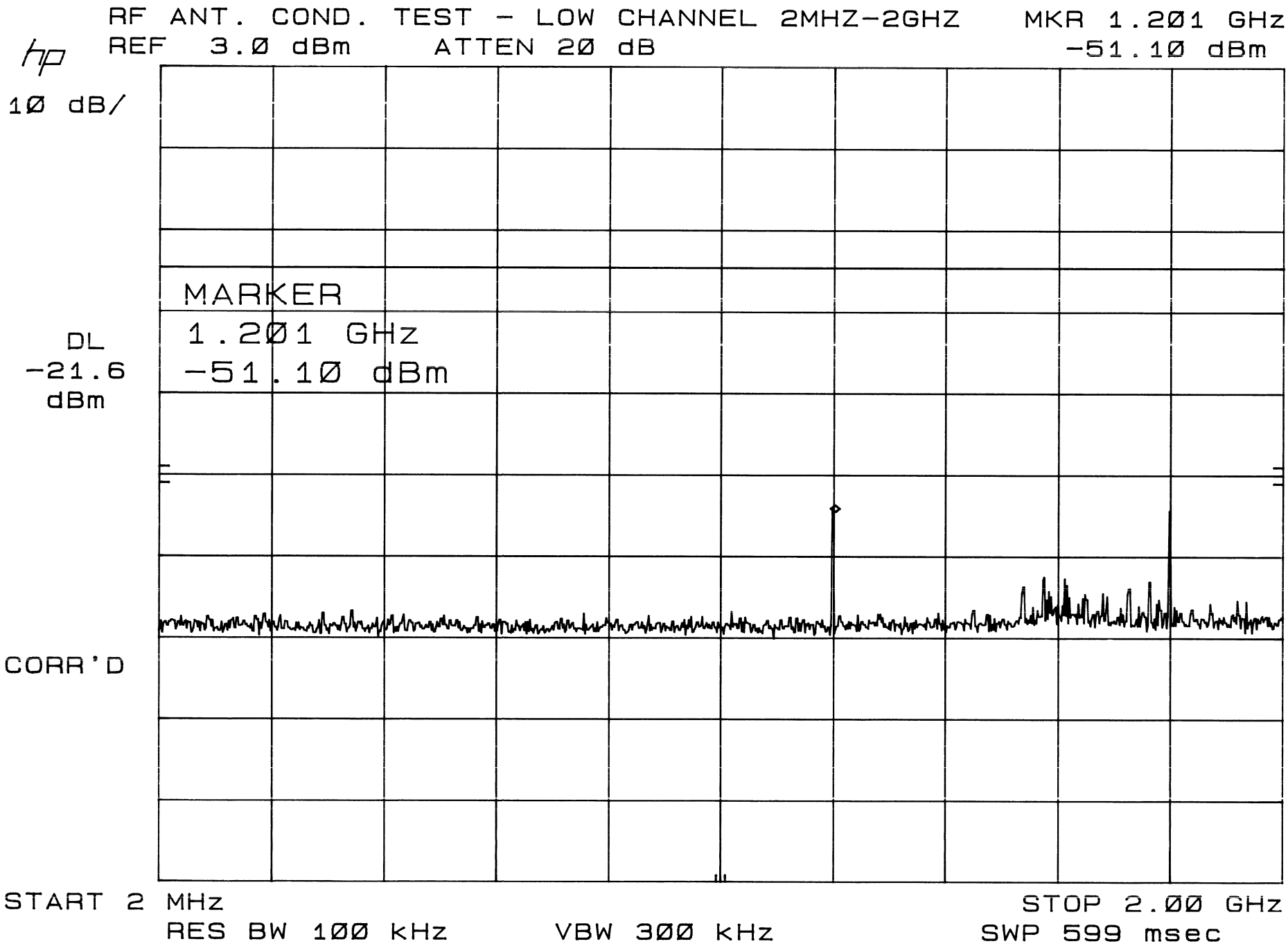
PEAK OUTPUT POWER DATA SHEETS

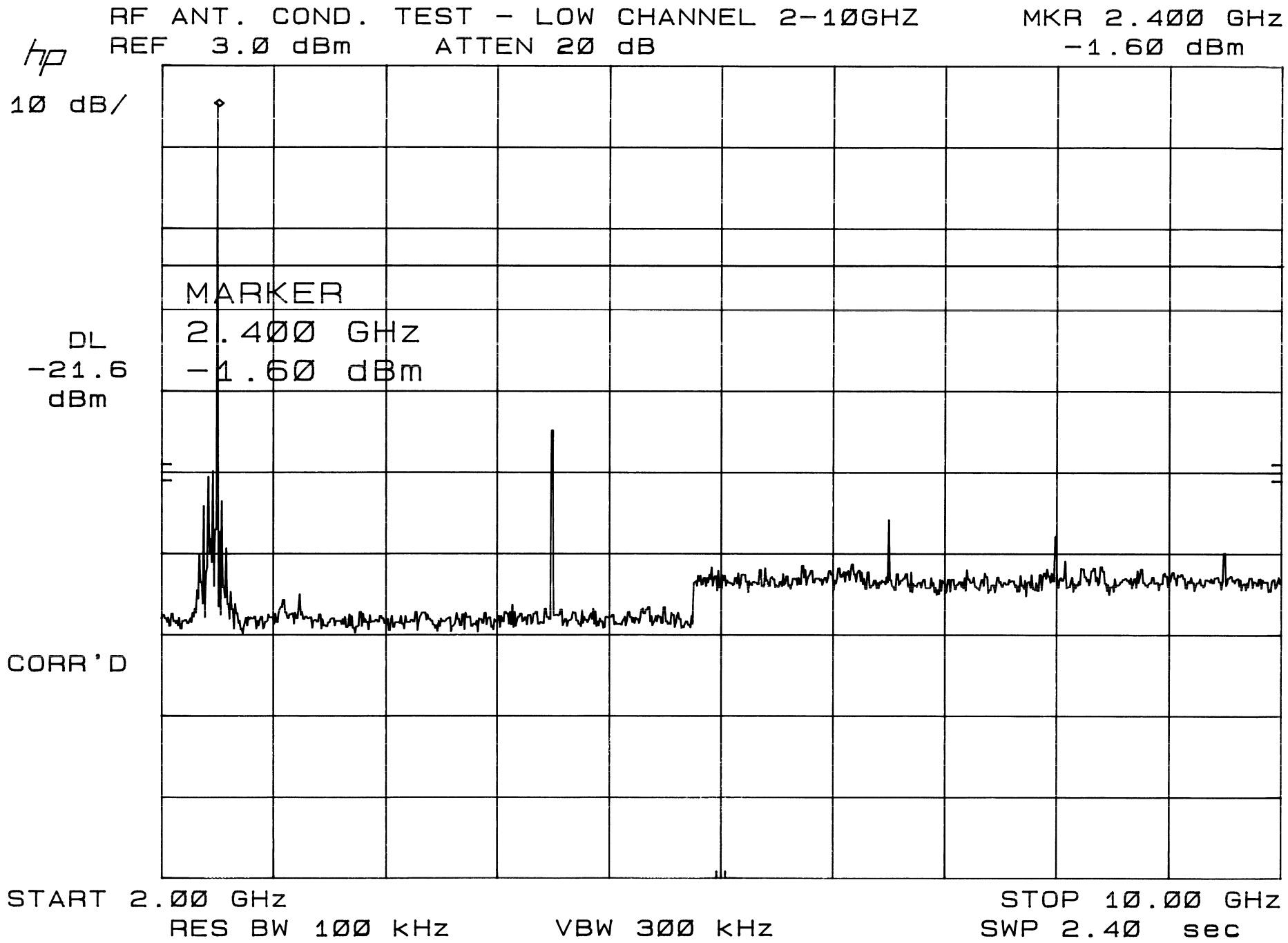

POWER OUTPUT OF LOW CHANNEL
MKR 2.402 00 GHz
REF 3.0 dBm
ATTEN 20 dB
-0.10 dBm
10 dB/
MARKER
2.402 00 GHz
-0.10 dBm
DL
0.0
dBm
CORR'D
CENTER 2.402 0 GHz
SPAN 20.0 MHz
RES BW 1 MHz
VBW 1 MHz
SWP 20.0 msec

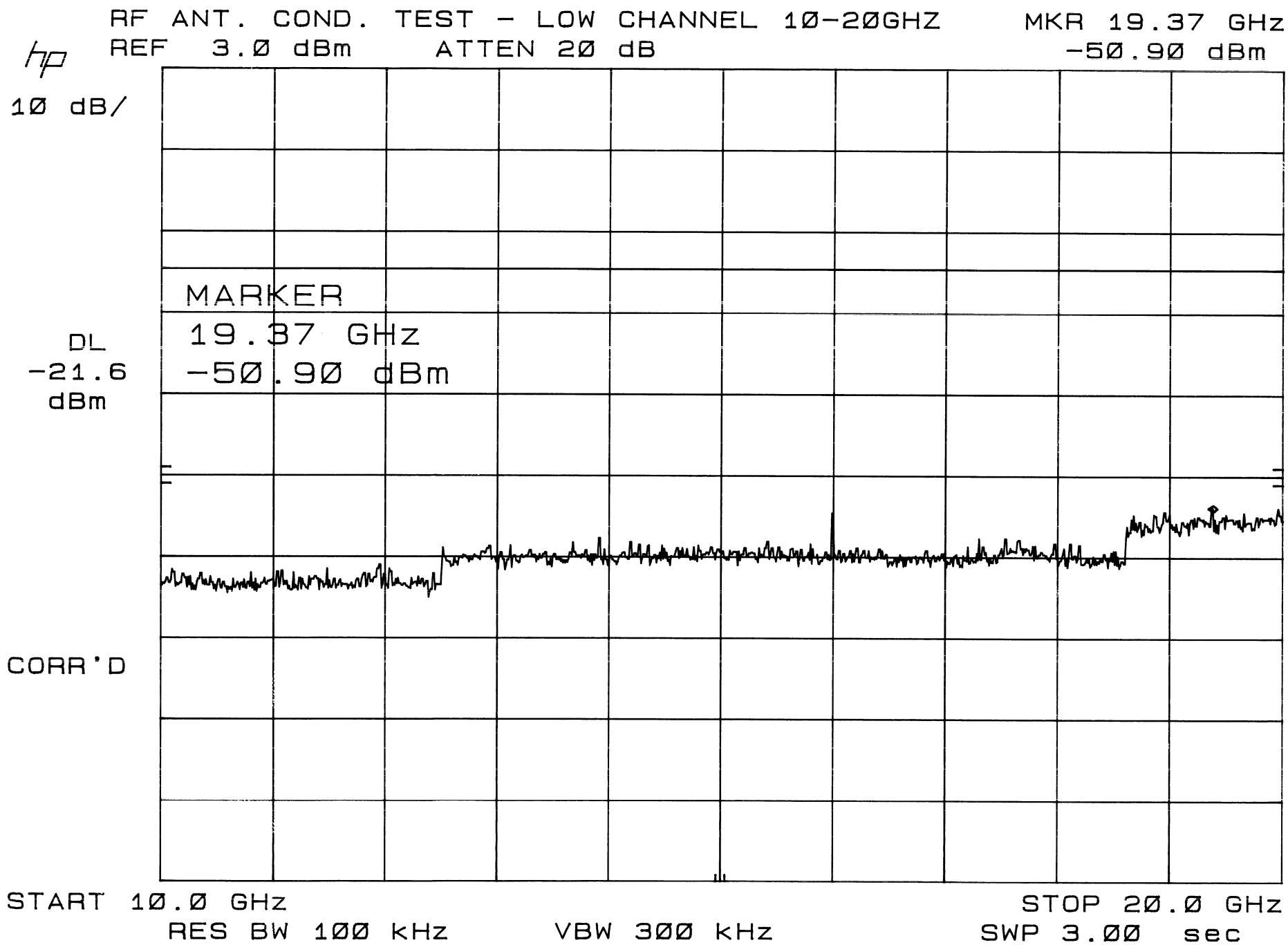

POWER OUTPUT OF MIDDLE CHANNEL
MKR 2.442 10 GHz
REF 3.0 dBm
ATTEN 20 dB
-5.20 dBm
hp
10 dB/
MARKER
2.442 10 GHz
-5.20 dBm
DL
0.0
dBm
CORR'D
CENTER 2.442 0 GHz
SPAN 20.0 MHz
RES BW 1 MHz
VBW 1 MHz
SWP 20.0 msec

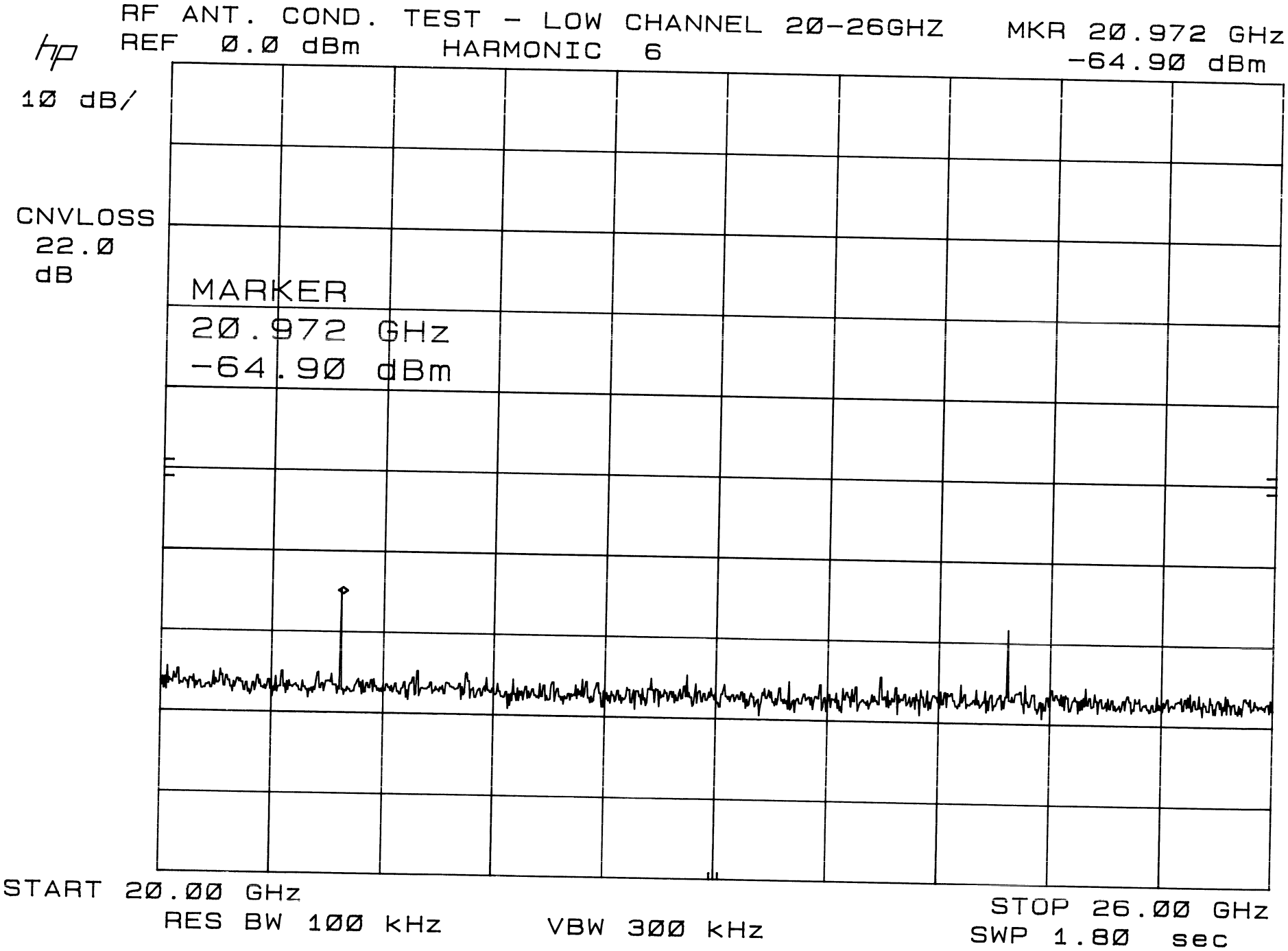

POWER OUTPUT OF HIGH CHANNEL
MKR 2.480 00 GHz
REF 3.0 dBm
ATTEN 20 dB
-7.50 dBm
10 dB/
MARKER
2.480 00 GHz
-7.50 dBm
DL
0.0
dBm
CORR'D
CENTER 2.480 0 GHz
SPAN 10.0 MHz
RES BW 1 MHz
VBW 1 MHz
SWP 20.0 msec

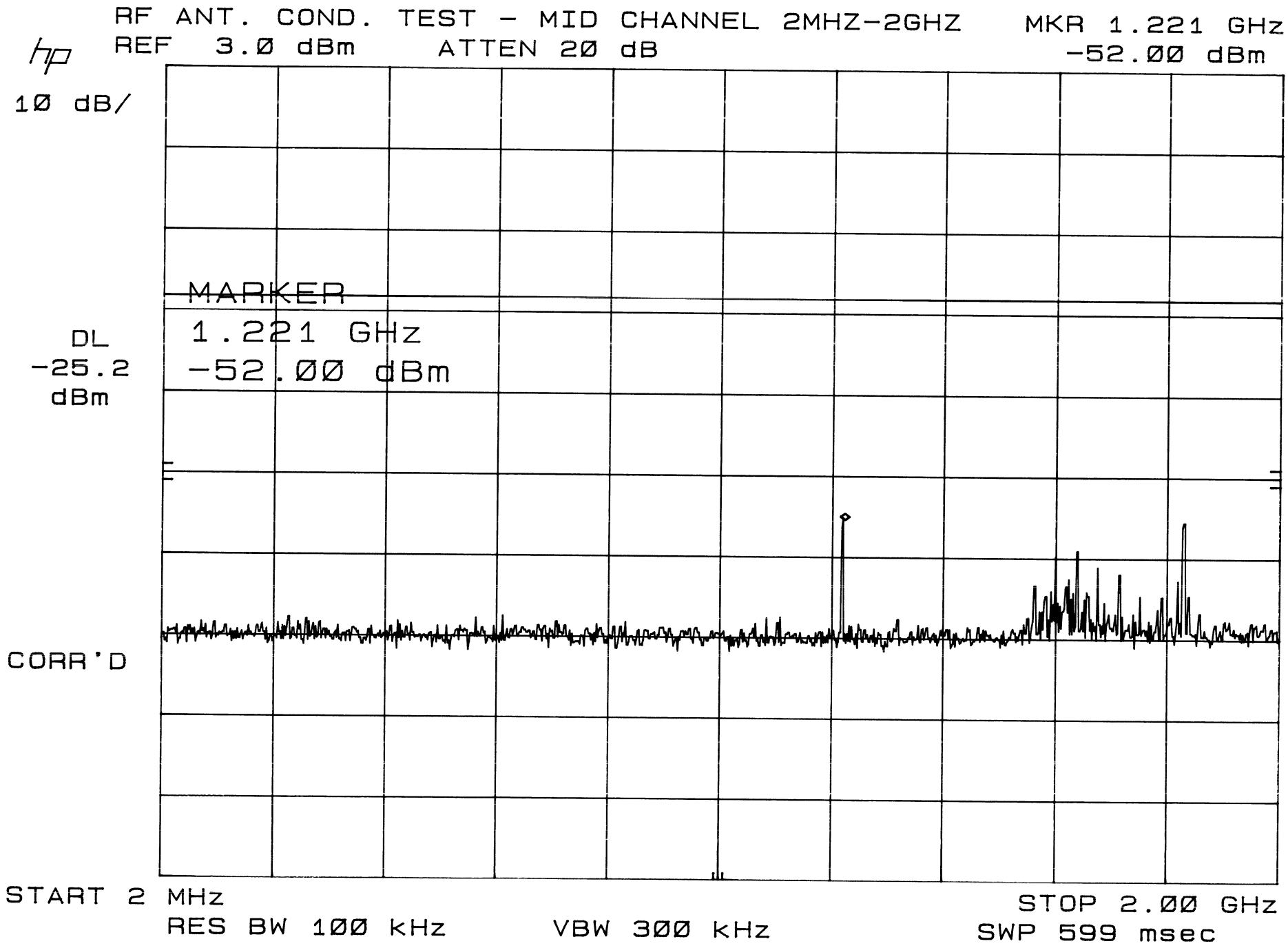
RF ANTENNA CONDUCTED DATA SHEETS

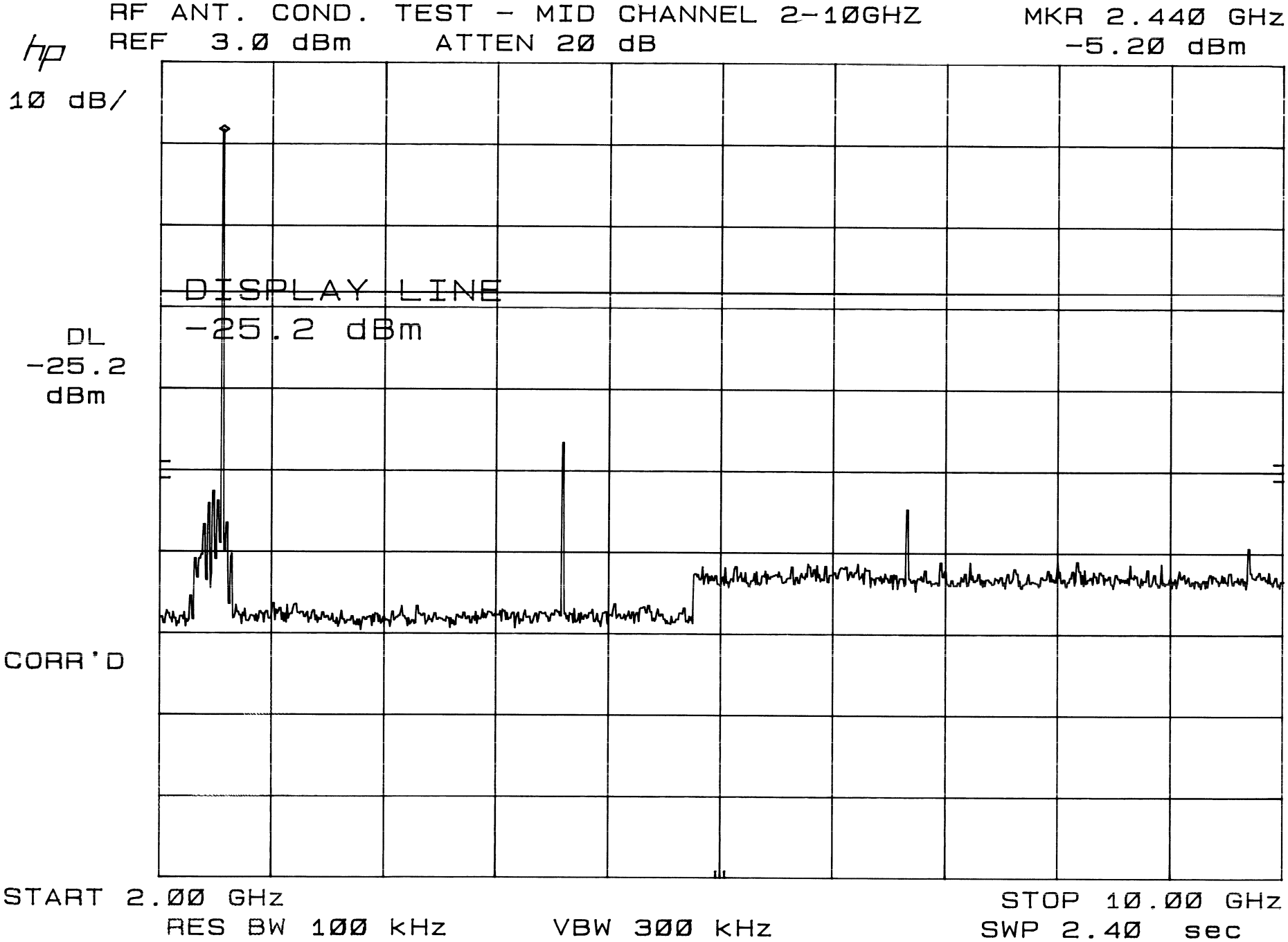

RF ANT. COND. TEST - LOW CHANNEL 2MHZ-2GHZ
MKR 1.201 GHz
REF 3.0 dBm
ATTEN 20 dB
-51.10 dBm
10 dB/
MARKER
1.201 GHz
-51.10 dBm
DL
-21.6
dBm
CORR'D
START 2 MHz
STOP 2.00 GHz
RES BW 100 kHz
VBW 300 kHz
SWP 599 msec

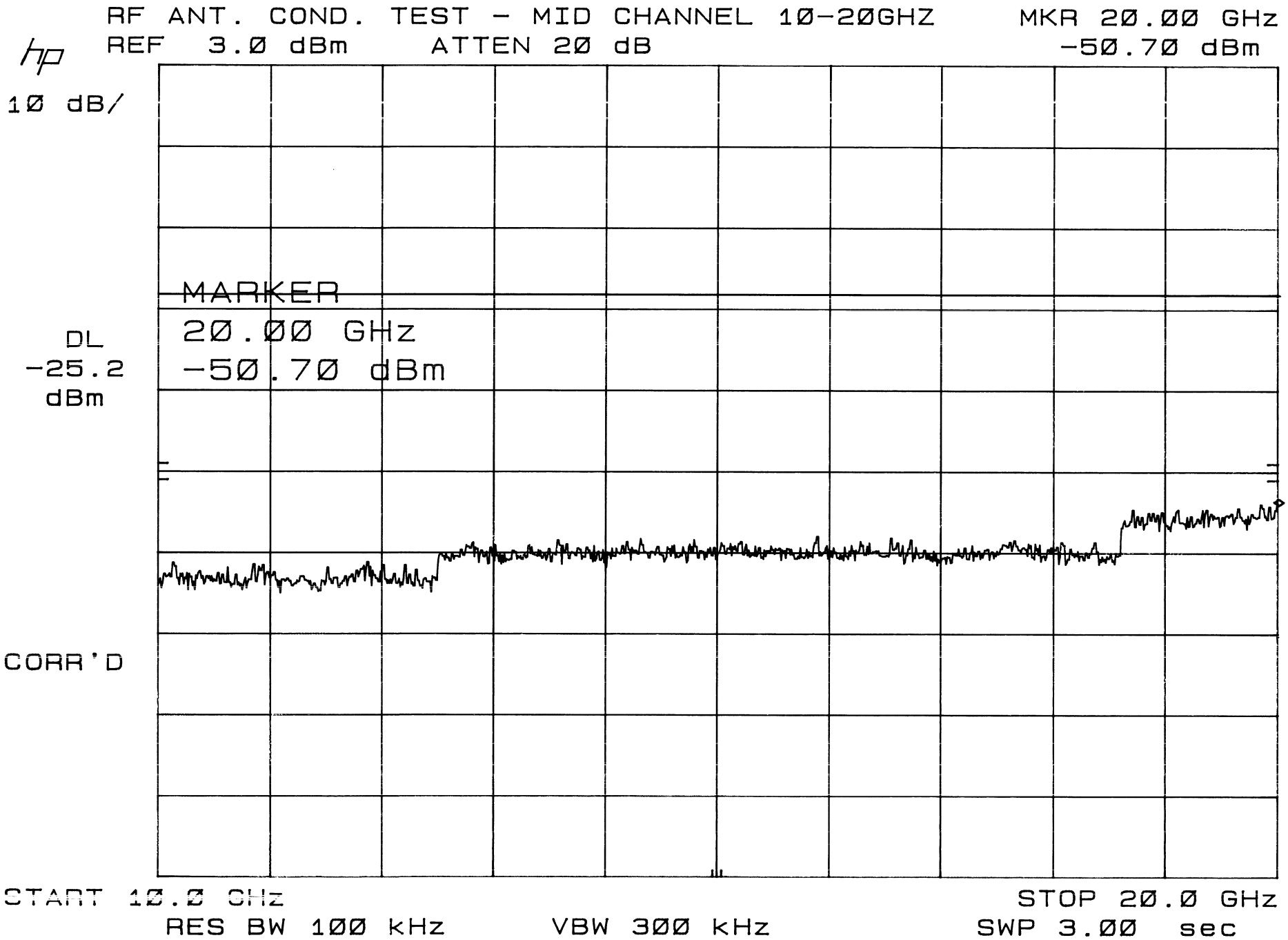

RF ANT. COND. TEST - LOW CHANNEL 2-10GHZ
MKR 2.400 GHz
REF 3.0 dBm
ATTEN 20 dB
-1.60 dBm
10 dB/
MARKER
2.400 GHz
-1.60 dBm
DL
-21.6
dBm
CORR'D
START 2.00 GHz
STOP 10.00 GHz
RES BW 100 kHz
VBW 300 kHz
SWP 2.40 sec


RF ANT. COND. TEST - LOW CHANNEL 10-20GHZ
MKR 19.37 GHz
REF 3.0 dBm
ATTEN 20 dB
-50.90 dBm
10 dB/
MARKER
19.37 GHz
-50.90 dBm
DL
-21.6
dBm
CORR'D
START 10.0 GHz
STOP 20.0 GHz
RES BW 100 kHz
VBW 300 kHz
SWP 3.00 sec


RF ANT. COND. TEST - LOW CHANNEL 20-26GHZ
REF 0.0 dBm
HARMONIC 6
MKR 20.972 GHz
-64.90 dBm
10 dB/
CNVLOSS
22.0
dB
MARKER
20.972 GHz
-64.90 dBm
START 20.00 GHz
RES BW 100 kHz
VBW 300 kHz
STOP 26.00 GHz
SWP 1.80 sec


RF ANT. COND. TEST - MID CHANNEL 2MHZ-2GHZ
MKR 1.221 GHz
REF 3.0 dBm
ATTEN 20 dB
-52.00 dBm
10 dB/
MARKER
1.221 GHz
-52.00 dBm
DL
-25.2
dBm
CORR'D
START 2 MHz
STOP 2.00 GHz
RES BW 100 kHz
VBW 300 kHz
SWP 599 msec


RF ANT. COND. TEST - MID CHANNEL 2-10GHZ
MKR 2.440 GHz
REF 3.0 dBm
ATTEN 20 dB
-5.20 dBm
10 dB/
DISPLAY LINE
-25.2 dBm
DL
-25.2
dBm
CORR'D
START 2.00 GHz
STOP 10.00 GHz
RES BW 100 kHz
VBW 300 kHz
SWP 2.40 sec

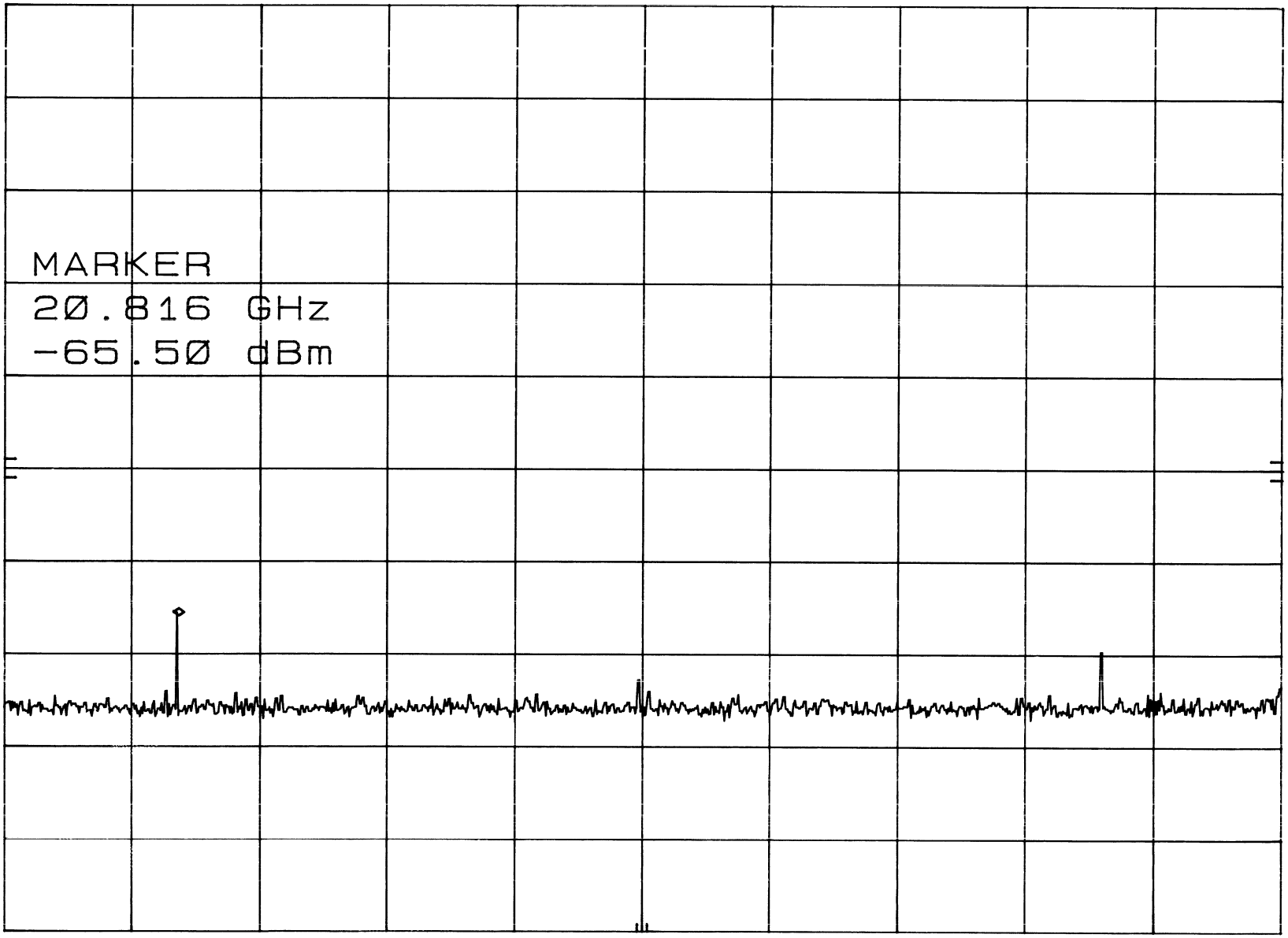

RF ANT. COND. TEST - MID CHANNEL 10-20GHZ
MKR 20.00 GHz
REF 3.0 dBm
ATTEN 20 dB
-50.70 dBm
10 dB/
MARKER
20.00 GHz
-50.70 dBm
DL
-25.2
dBm
CORR'D
START 10.0 GHz
STOP 20.0 GHz
RES BW 100 kHz
VBW 300 kHz
SWP 3.00 sec

RF ANT. COND. TEST - MID CHANNEL 20-26GHZ MKR 20.816 GHz

REF 0.0 dBm HARMONIC 8L -65.50 dBm

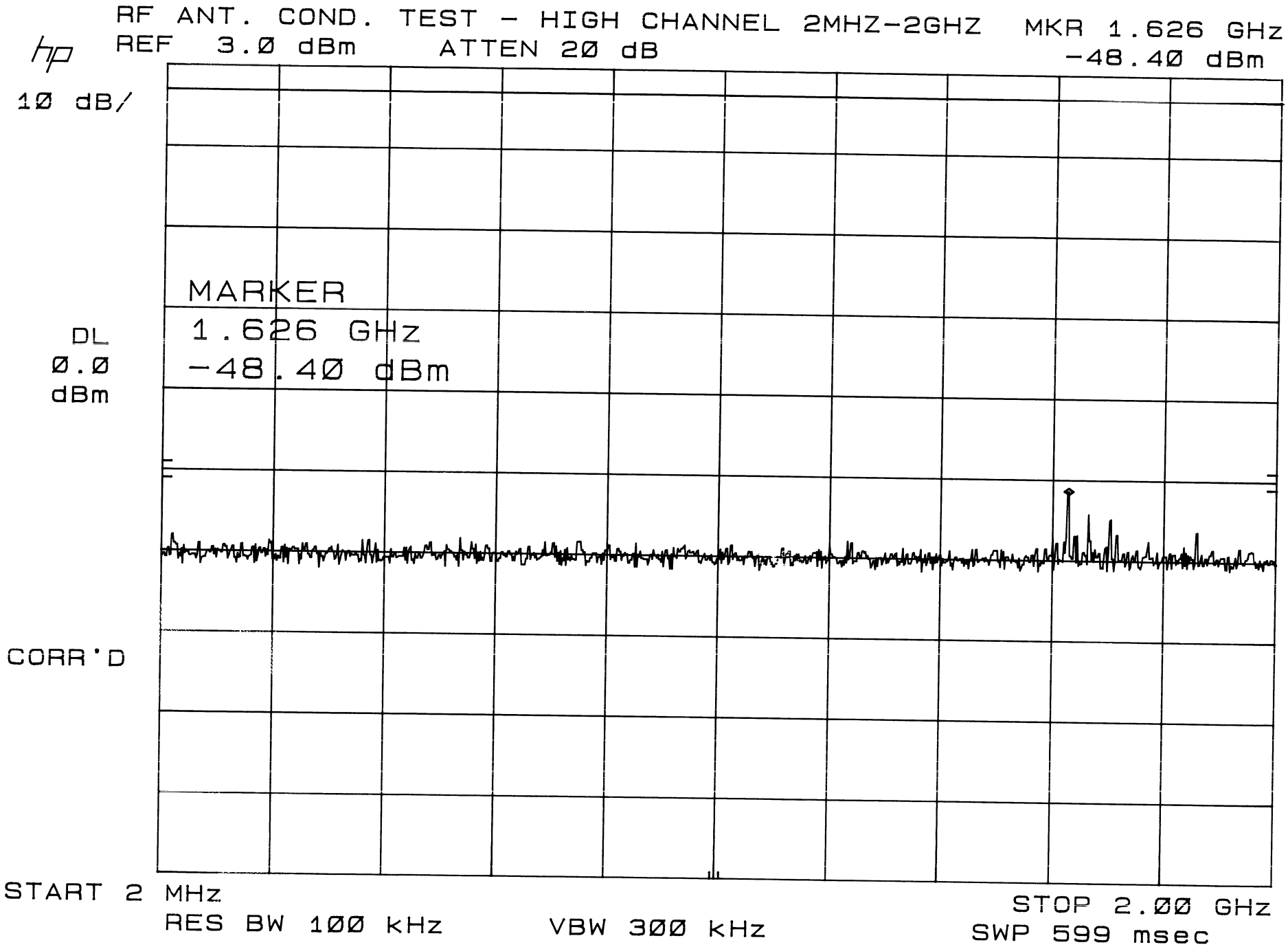
10 dB/

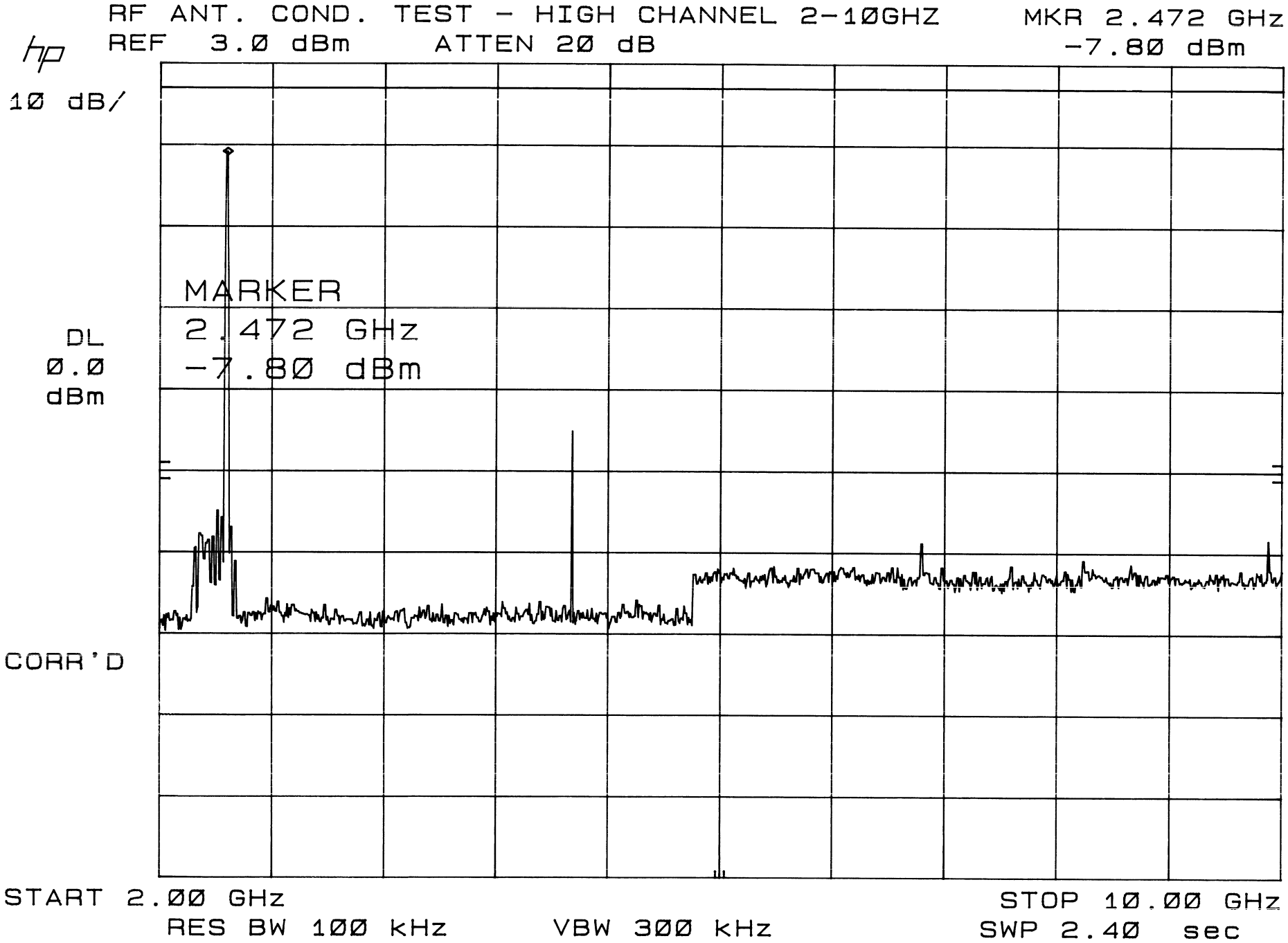
CNVLOSS
22.0
dB

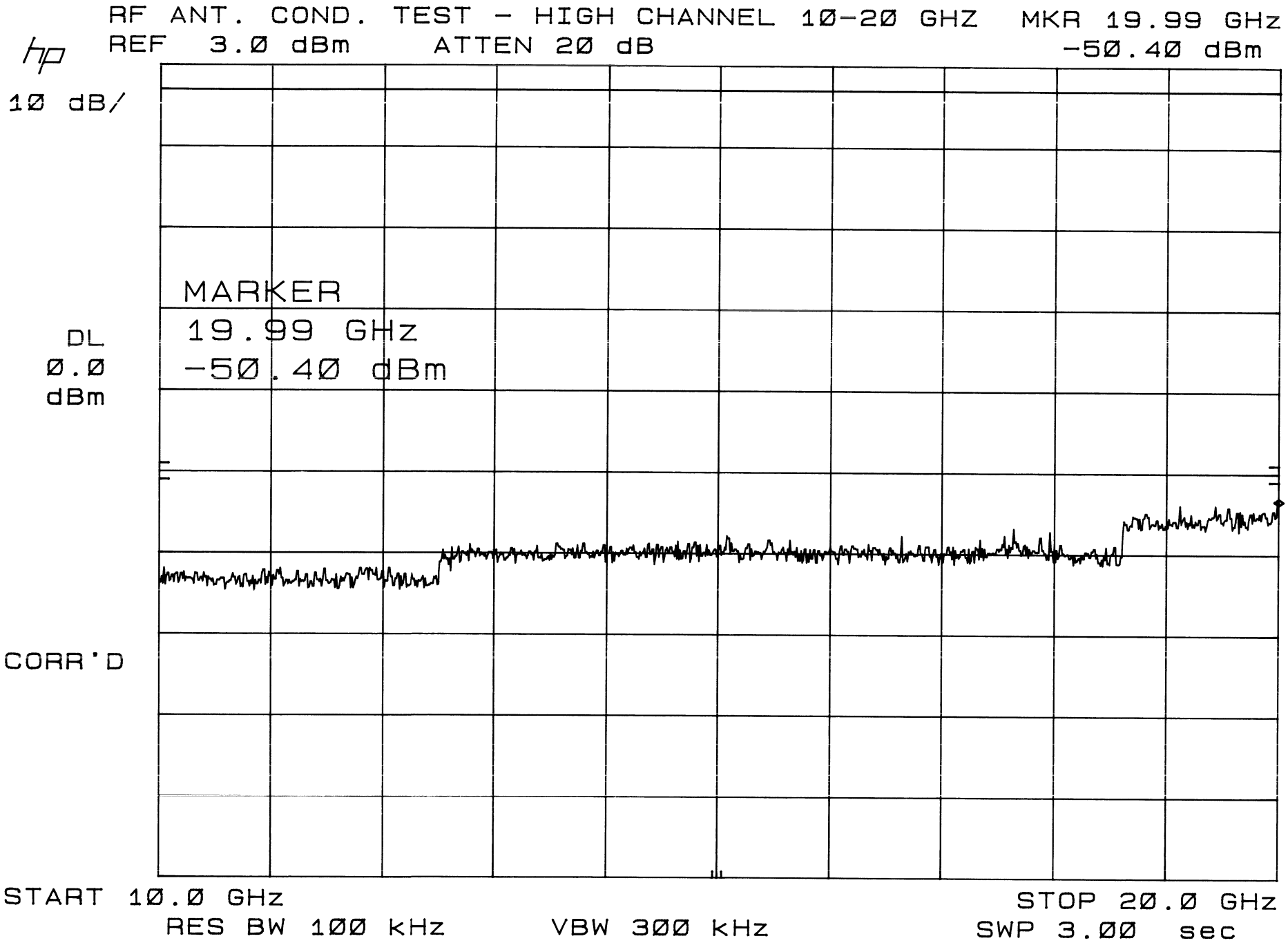


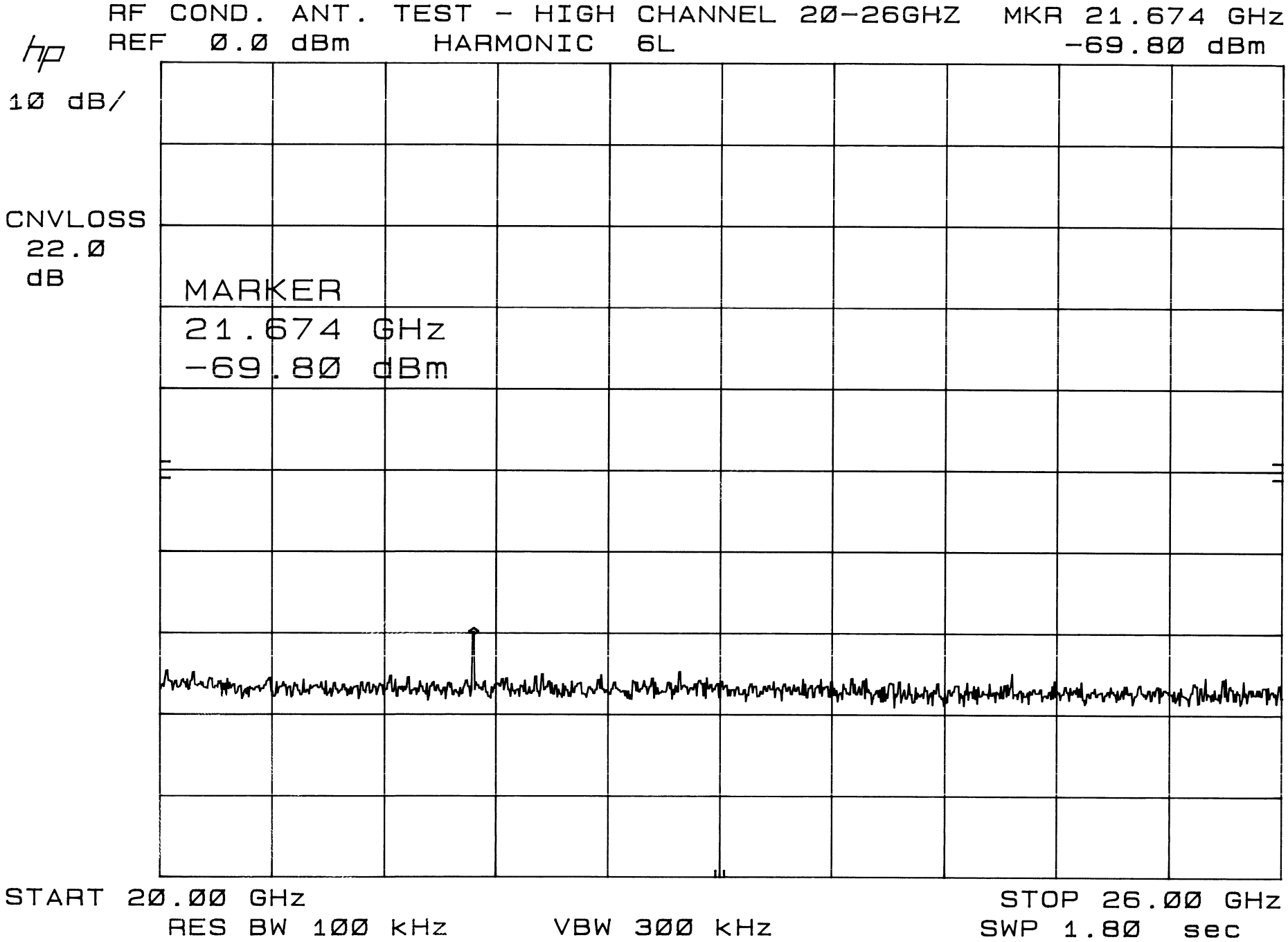
START 20.00 GHz STOP 26.00 GHz

RES BW 100 kHz VBW 300 kHz SWP 1.80 sec

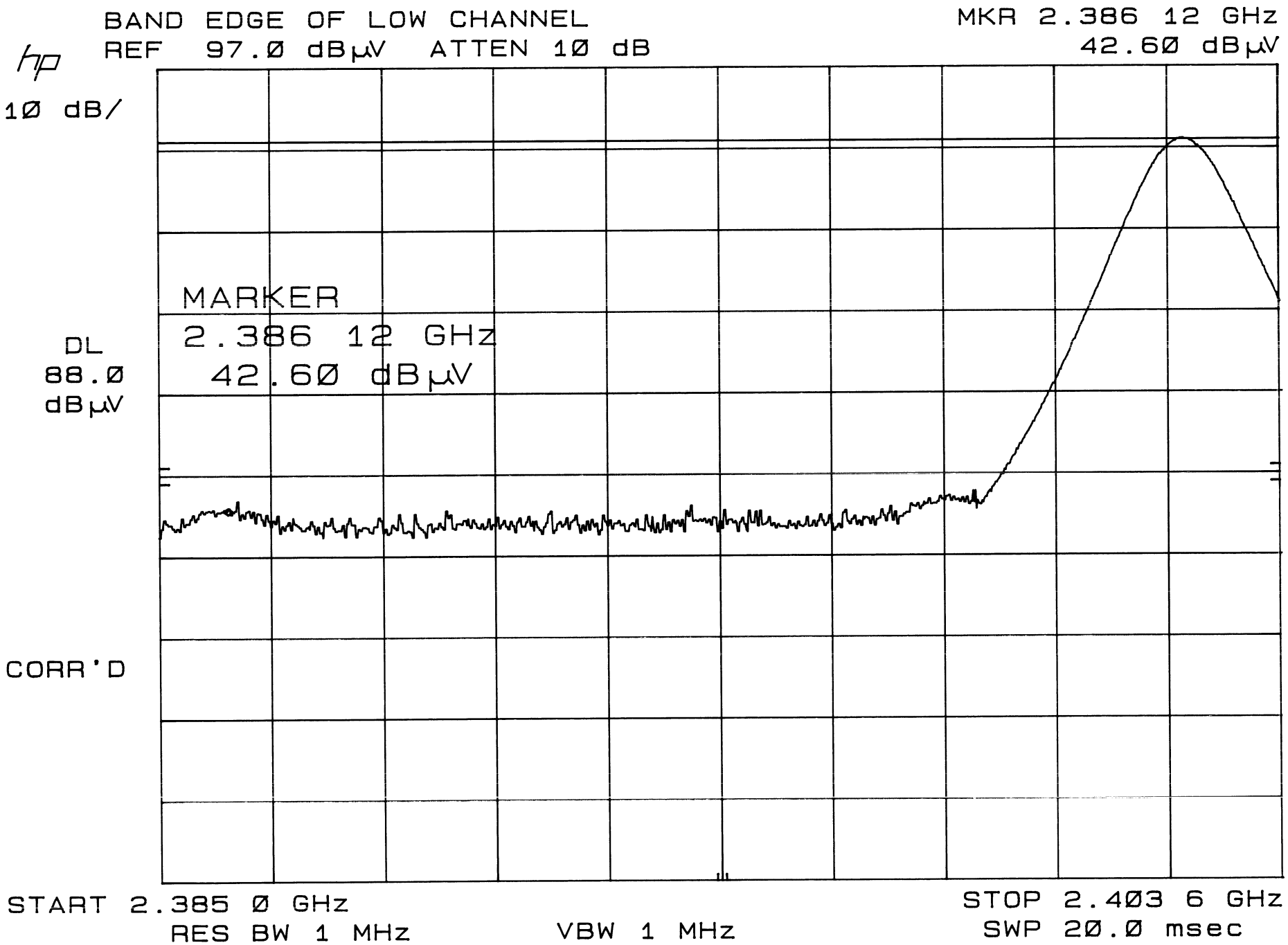

RF ANT. COND. TEST - HIGH CHANNEL 2MHZ-2GHZ
MKR 1.626 GHz
REF 3.0 dBm
ATTEN 20 dB
-48.40 dBm
10 dB/
MARKER
1.626 GHz
-48.40 dBm
DL
0.0
dBm
CORR'D
START 2 MHz
STOP 2.00 GHz
RES BW 100 kHz
VBW 300 kHz
SWP 599 msec

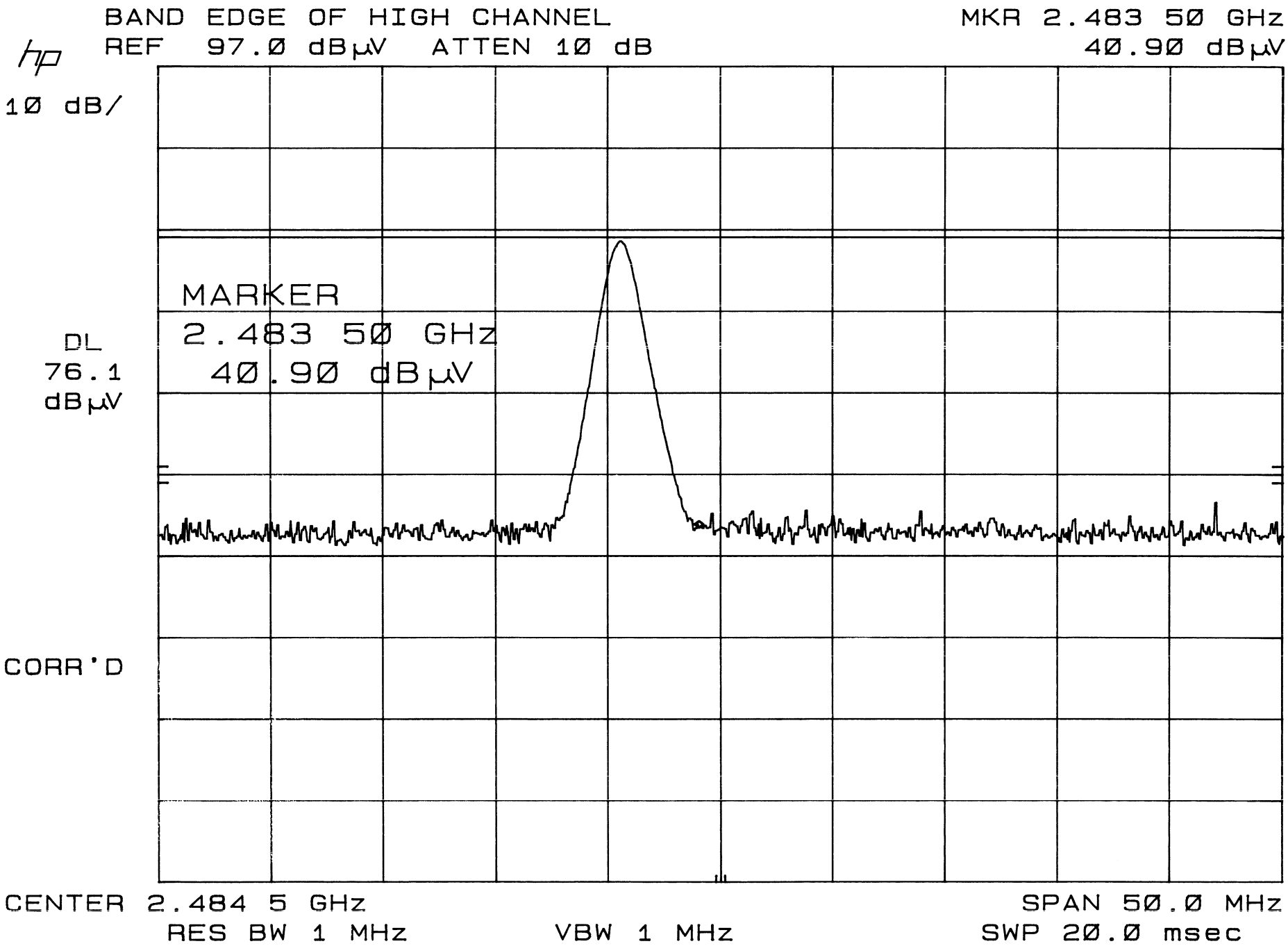

RF ANT. COND. TEST - HIGH CHANNEL 2-10GHZ
MKR 2.472 GHz
REF 3.0 dBm
ATTEN 20 dB
-7.80 dBm
10 dB/
MARKER
2.472 GHz
-7.80 dBm
DL
0.0
dBm
CORR'D
START 2.00 GHz
STOP 10.00 GHz
RES BW 100 kHz
VBW 300 kHz
SWP 2.40 sec


RF ANT. COND. TEST - HIGH CHANNEL 10-20 GHZ
MKR 19.99 GHz
REF 3.0 dBm
ATTEN 20 dB
-50.40 dBm
10 dB/
MARKER
19.99 GHz
-50.40 dBm
DL
0.0
dBm
CORR'D
START 10.0 GHz
STOP 20.0 GHz
RES BW 100 kHz
VBW 300 kHz
SWP 3.00 sec

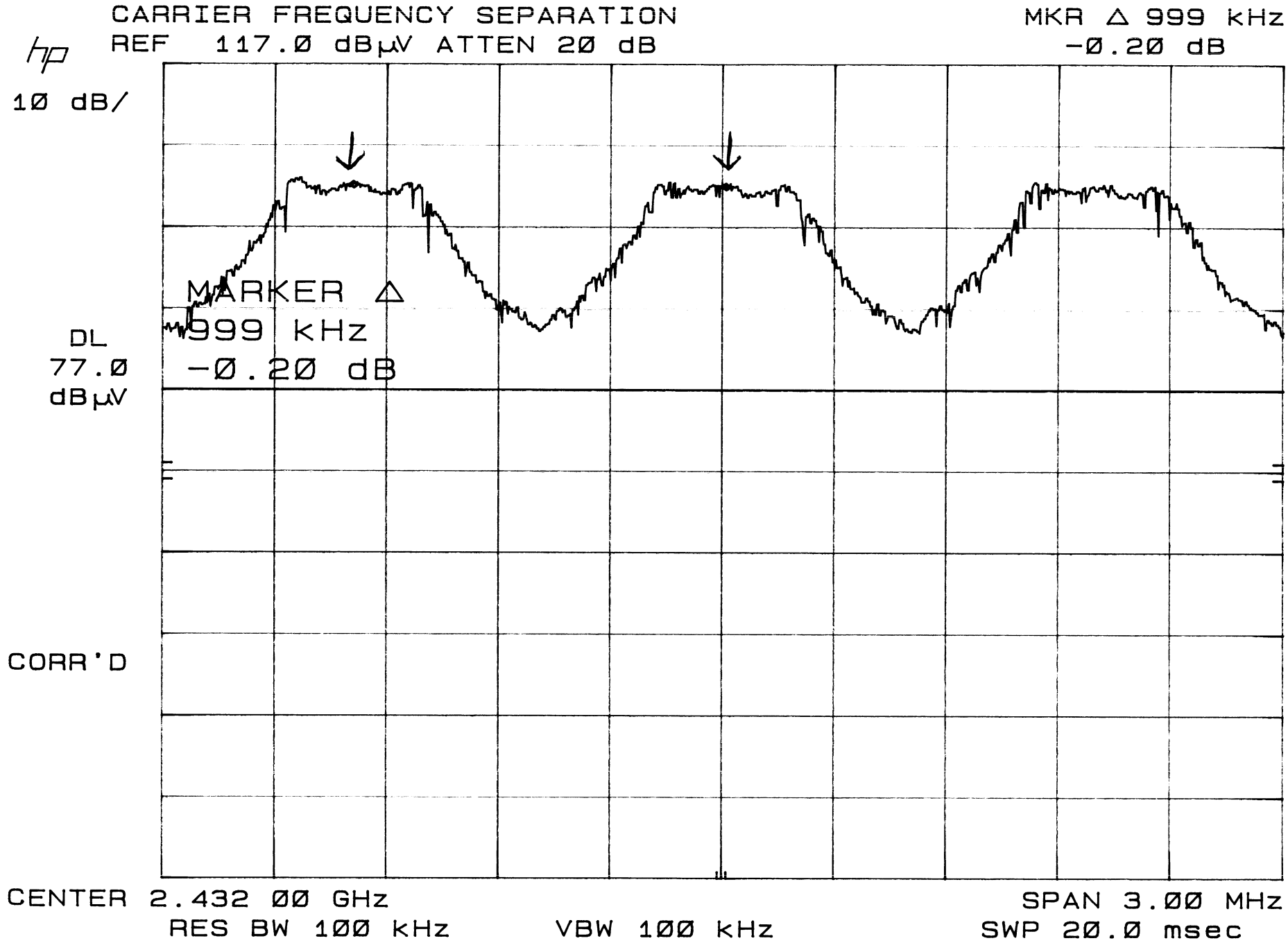

RF COND. ANT. TEST - HIGH CHANNEL 20-26GHZ
MKR 21.674 GHz
REF 0.0 dBm
HARMONIC 6L
-69.80 dBm
10 dB/
CNVLOSS
22.0
dB
MARKER
21.674 GHz
-69.80 dBm
START 20.00 GHz
STOP 26.00 GHz
RES BW 100 kHz
VBW 300 kHz
SWP 1.80 sec

RF BAND EDGES DATA SHEETS

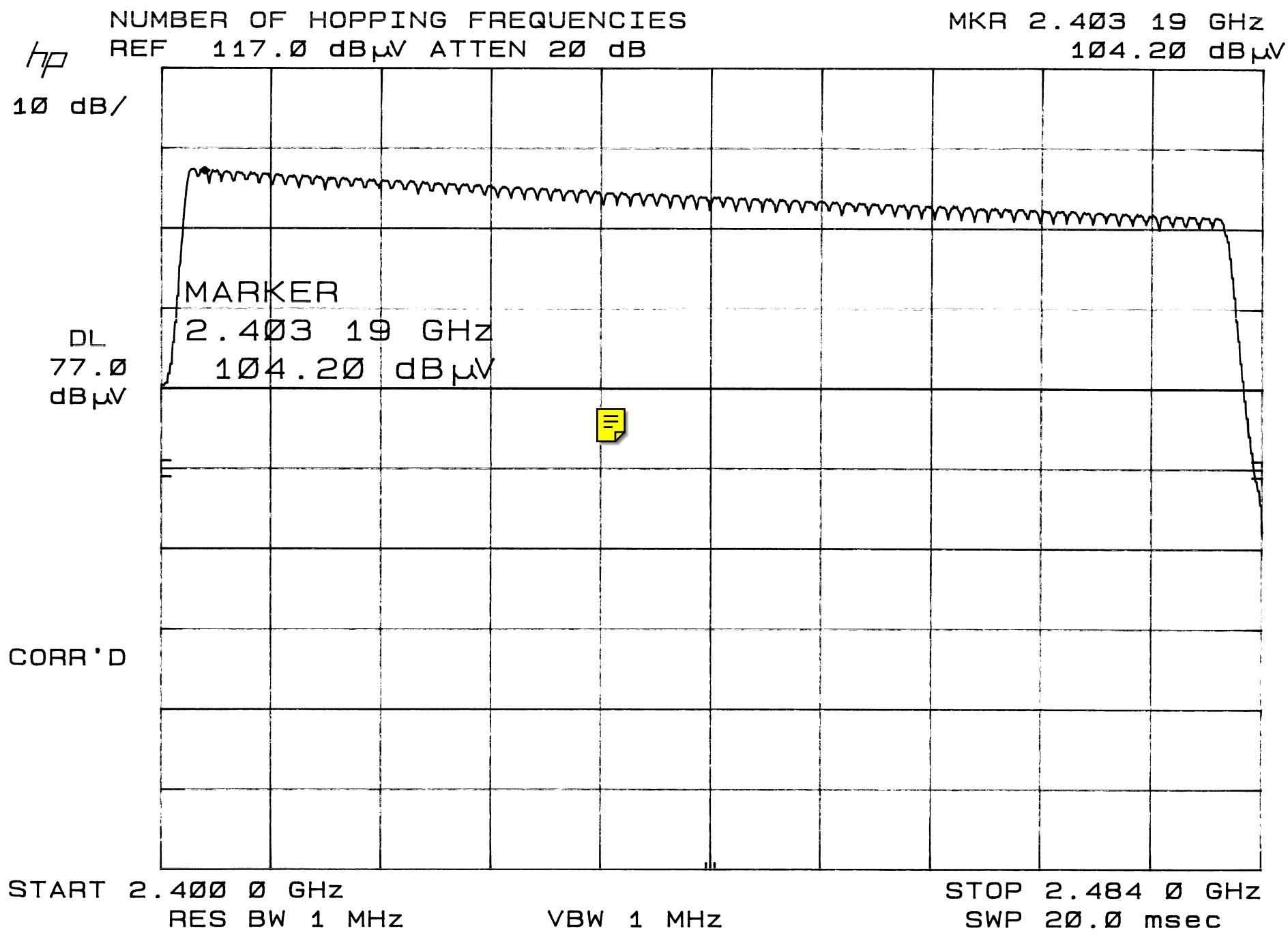

BAND EDGE OF LOW CHANNEL
REF 97.0 dBμV ATTEN 10 dB
MKR 2.386 12 GHz
42.60 dBμV
10 dB/
MARKER
2.386 12 GHz
42.60 dBμV
DL
88.0
dBμV
CORR'D
START 2.385 0 GHz
RES BW 1 MHz
VBW 1 MHz
STOP 2.403 6 GHz
SWP 20.0 msec


BAND EDGE OF HIGH CHANNEL
MKR 2.483 50 GHz
REF 97.0 dBμV ATTEN 10 dB
40.90 dBμV
10 dB/
MARKER
2.483 50 GHz
40.90 dBμV
DL
76.1
dBμV
CORR'D
CENTER 2.484 5 GHz
SPAN 50.0 MHz
RES BW 1 MHz
VBW 1 MHz
SWP 20.0 msec

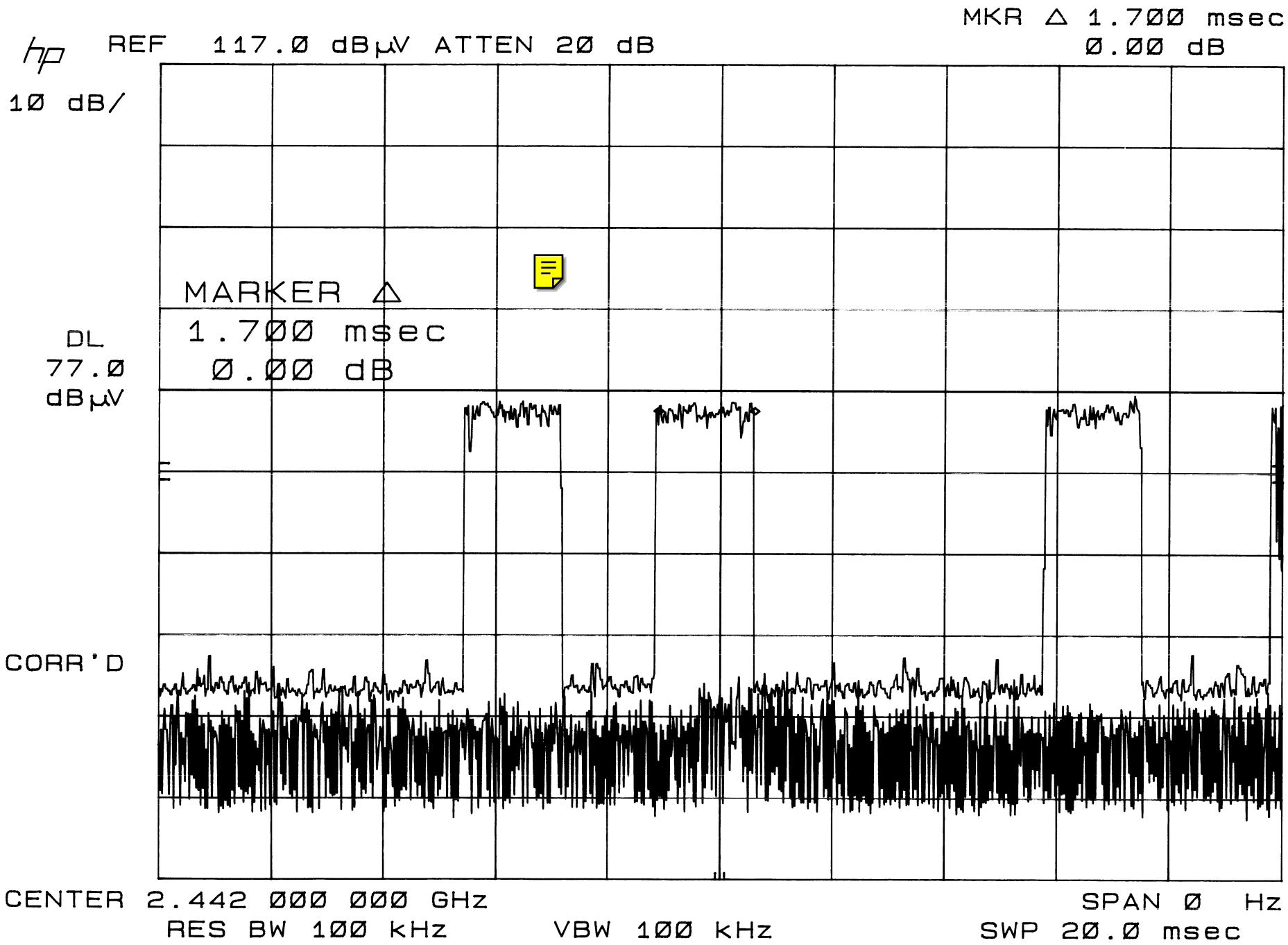
CHANNEL FREQUENCY SEPARATION DATA SHEETS

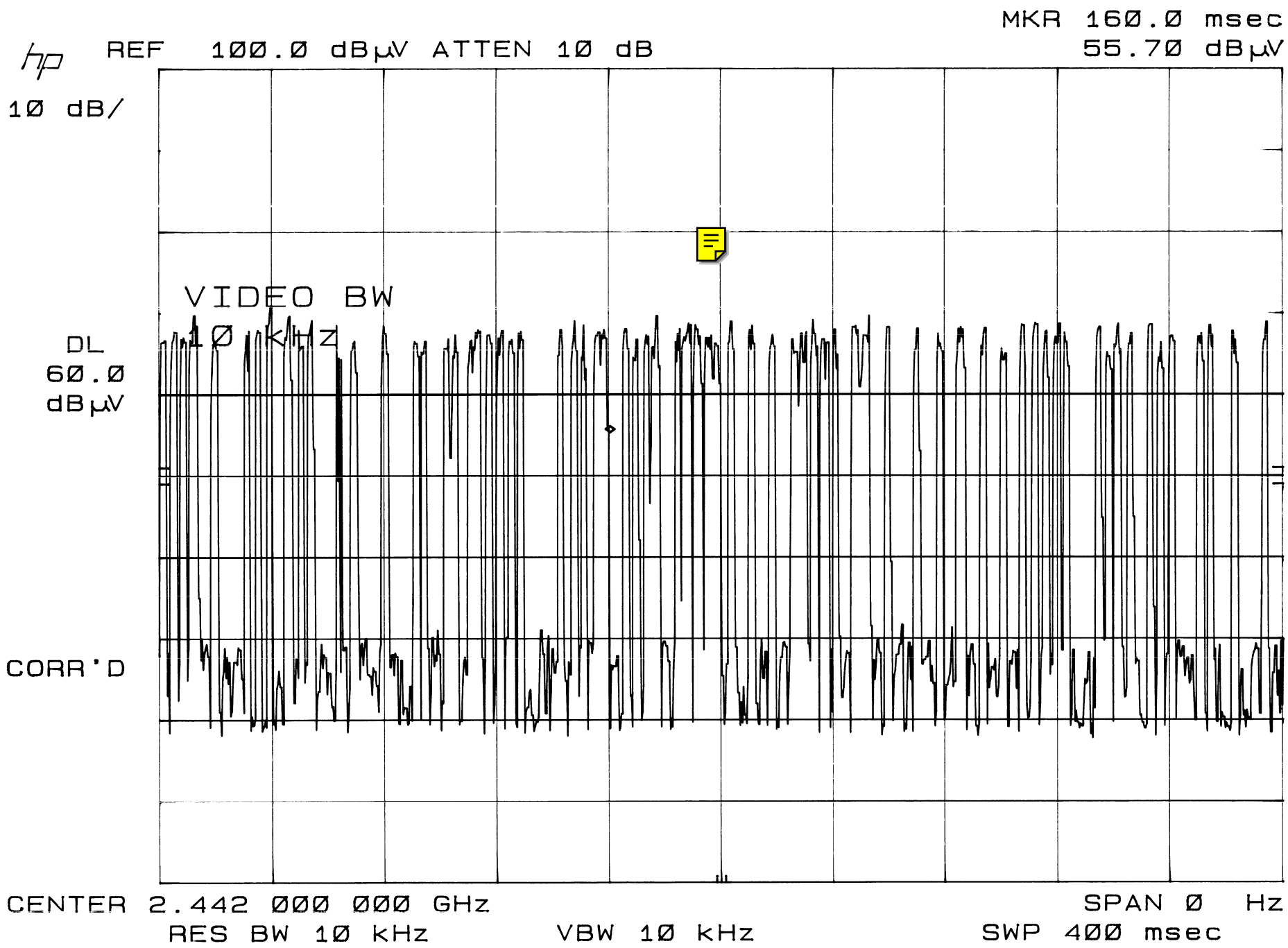

CARRIER FREQUENCY SEPARATION
REF 117.0 dBμV ATTEN 20 dB
MKR Δ 999 kHz
-0.20 dB
10 dB/
MARKER Δ
999 kHz
-0.20 dB
DL
77.0
dBμV
CORR'D
CENTER 2.432 00 GHz
RES BW 100 kHz
VBW 100 kHz
SPAN 3.00 MHz
SWP 20.0 msec

NUMBER OF HOPPING FREQUENCIES DATA SHEETS


NUMBER OF HOPPING FREQUENCIES
MKR 2.403 19 GHz
REF 117.0 dBμV ATTEN 20 dB
104.20 dBμV
10 dB/
MARKER
2.403 19 GHz
104.20 dBμV
DL
77.0
dBμV
CORR'D
START 2.400 0 GHz
STOP 2.484 0 GHz
RES BW 1 MHz
VBW 1 MHz
SWP 20.0 msec

AVERAGE TIME OF OCCUPANCY DATA SHEETS

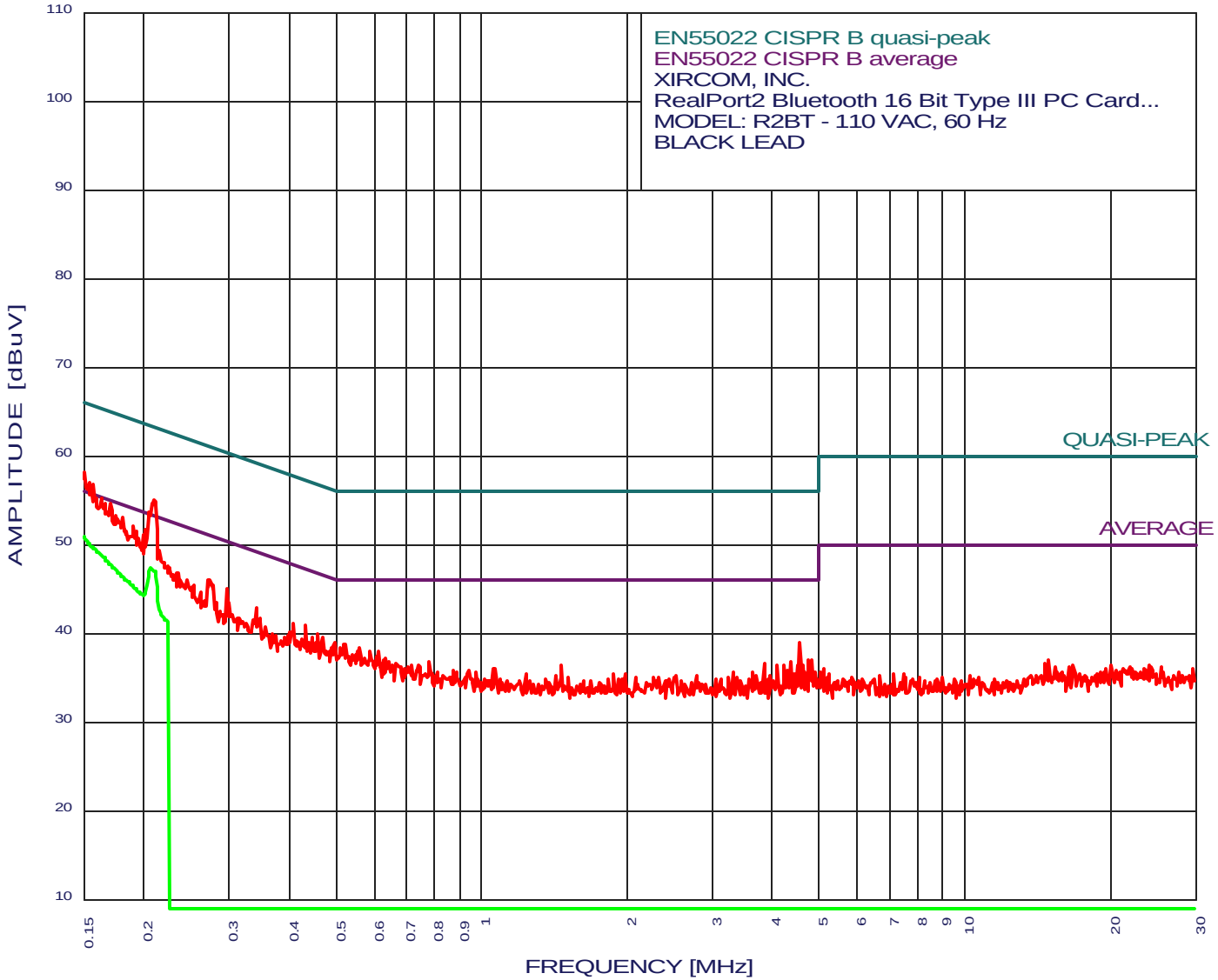

MKR △ 1.700 msec
0.00 dB
hp
REF 117.0 dBμV ATTEN 20 dB
10 dB/
MARKER △
1.700 msec
0.00 dB
DL
77.0
dBμV
CORR'D
CENTER 2.442 000 000 GHz
SPAN 0 Hz
RES BW 100 kHz
VBW 100 kHz
SWP 20.0 msec


MKR 160.0 msec
55.70 dBμV
REF 100.0 dBμV ATTEN 10 dB
10 dB/
VIDEO BW
10 kHz
DL
60.0
dBμV
CORR'D
CENTER 2.442 000 000 GHz
SPAN 0 Hz
RES BW 10 kHz
VBW 10 kHz
SWP 400 msec

CONDUCTED EMISSIONS DATA SHEETS

EMISSION LEVEL [dBuV] PEAK
Graph for Peak& Average

3/06/2001 8:23:42



COMPATIBLE ELECTRONICS

COMPATIBLE ELECTRONICS

3/06/2001 8:23:42

XIRCOM, INC.
RealPort2 Bluetooth 16 Bit Type III PC Card Adapter
MODEL: R2BT - 110 VAC, 60 Hz
EN 55022 B - BLACK LEAD
TEST ENGINEER : KYLE FUJIMOTO

---

34 highest peaks above -50.00 dB of AVERAGE limit line
Peak criteria : 1.00 dB, Curve : Peak

Peak#	Freq(MHz)	Amp(dBuV)	Limit(dB)	Delta(dB)
1	0.210	55.09	53.22	1.87*
2	0.158	56.82	55.59	1.22*
3	0.170	54.61	54.94	-0.33*
4	0.181	53.00	54.45	-1.45*
5	0.201	51.59	53.57	-1.98*
6	0.191	52.00	54.01	-2.01*
7	0.199	50.99	53.66	-2.66*
8	0.215	49.38	53.00	-3.61*
9	0.275	46.05	50.97	-4.92
10	0.298	44.94	50.31	-5.37
11	0.236	46.77	52.25	-5.48
12	0.341	42.91	49.17	-6.26
13	0.254	45.36	51.64	-6.28
14	0.433	40.79	47.20	-6.41
15	0.409	41.09	47.67	-6.58
16	0.459	39.99	46.70	-6.71
17	0.262	44.66	51.37	-6.71
18	0.301	43.33	50.22	-6.89
19	0.469	39.59	46.53	-6.94
20	0.497	38.89	46.04	-7.15
21	4.554	38.84	46.00	-7.16
22	0.524	38.79	46.00	-7.21
23	0.519	38.69	46.00	-7.31
24	0.445	39.49	46.97	-7.48
25	0.559	38.39	46.00	-7.61
26	0.400	40.09	47.85	-7.76
27	0.589	37.99	46.00	-8.01
28	0.553	37.99	46.00	-8.01
29	0.611	37.89	46.00	-8.11
30	0.438	38.99	47.11	-8.12
31	0.286	42.44	50.63	-8.18
32	0.315	41.63	49.84	-8.21
33	0.356	40.60	48.82	-8.22
34	0.370	40.00	48.51	-8.51

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* Please see the Average Readings on the Next Page and on the Plot

COMPATIBLE ELECTRONICS

3/06/2001 8:23:42

XIRCOM, INC.
RealPort2 Bluetooth 16 Bit Type III PC Card Adapter
MODEL: R2BT - 110 VAC, 60 Hz
EN 55022 B - BLACK LEAD
TEST ENGINEER : KYLE FUJIMOTO

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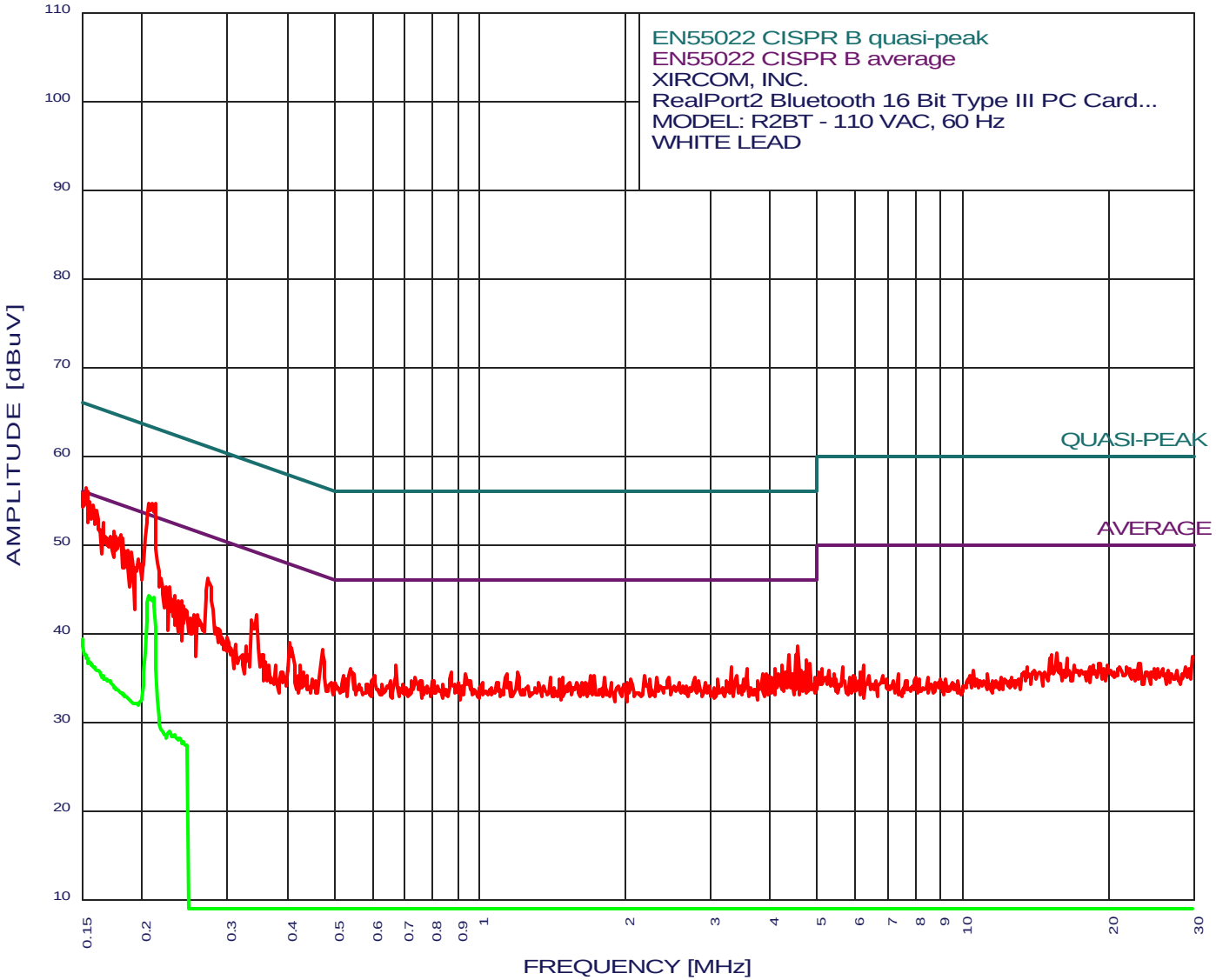
1 highest peaks above -50.00 dB of AVERAGE limit line
Peak criteria : 0.10 dB, Curve : Average

Peak#	Freq(MHz)	Amp(dBuV)	Limit(dB)	Delta(dB)
1	0.206	47.28	53.36	-6.08

EMISSION LEVEL [dBuV] PEAK
Graph for Peak& Average

3/06/2001 8:19:35



COMPATIBLE ELECTRONICS

COMPATIBLE ELECTRONICS

3/06/2001 8:19:35

XIRCOM, INC.
RealPort2 Bluetooth 16 Bit Type III PC Card Adapter
MODEL: R2BT - 110 VAC, 60 Hz
EN 55022 B - WHITE LEAD
TEST ENGINEER : KYLE FUJIMOTO

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34 highest peaks above -50.00 dB of AVERAGE limit line
Peak criteria : 1.00 dB, Curve : Peak

Peak#	Freq(MHz)	Amp(dBuV)	Limit(dB)	Delta(dB)
1	0.210	54.69	53.22	1.47*
2	0.153	56.43	55.86	0.56*
3	0.154	55.93	55.77	0.15*
4	0.156	54.82	55.68	-0.86*
5	0.158	54.32	55.55	-1.23*
6	0.161	53.82	55.42	-1.60*
7	0.166	52.42	55.16	-2.74*
8	0.175	51.41	54.71	-3.30*
9	0.181	51.01	54.45	-3.44*
10	0.183	50.71	54.37	-3.66*
11	0.177	50.91	54.62	-3.71*
12	0.171	50.82	54.89	-4.08*
13	0.191	49.20	54.01	-4.81*
14	0.273	46.15	51.02	-4.86
15	0.184	49.41	54.28	-4.87*
16	0.186	49.31	54.19	-4.89*
17	0.196	48.30	53.79	-5.49*
18	0.345	42.11	49.09	-6.97
19	0.228	45.18	52.52	-7.34*
20	4.554	38.59	46.00	-7.41
21	0.223	45.18	52.69	-7.51*
22	0.338	41.42	49.26	-7.84
23	0.233	44.28	52.34	-8.06*
24	0.472	38.09	46.49	-8.40
25	0.241	43.67	52.07	-8.40*
26	4.504	37.59	46.00	-8.41
27	4.364	37.48	46.00	-8.52
28	0.230	43.88	52.43	-8.55*
29	0.405	38.89	47.76	-8.87
30	4.753	37.00	46.00	-9.00
31	0.243	42.97	51.98	-9.01*
32	0.246	42.67	51.90	-9.23*
33	0.260	42.06	51.42	-9.35
34	4.827	36.60	46.00	-9.40

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* Please see the Average Peaks on the Next Page and on the Plot

COMPATIBLE ELECTRONICS

3/06/2001 8:19:35

XIRCOM, INC.
RealPort2 Bluetooth 16 Bit Type III PC Card Adapter
MODEL: R2BT - 110 VAC - 60 Hz
EN 55022 B - WHITE LEAD
TEST ENGINEER : KYLE FUJIMOTO

---

7 highest peaks above -50.00 dB of AVERAGE limit line
Peak criteria : 0.10 dB, Curve : Average

Peak#	Freq(MHz)	Amp(dBuV)	Limit(dB)	Delta(dB)
1	0.206	44.19	53.36	-9.17
2	0.211	43.96	53.18	-9.21
3	0.156	36.81	55.68	-18.87
4	0.158	36.54	55.59	-19.05
5	0.166	35.29	55.16	-19.87
6	0.228	28.83	52.52	-23.69
7	0.233	28.50	52.34	-23.84