

APPENDIX E

DATA SHEETS

RADIATED EMISSIONS

DATA SHEETS

RADIATED EMISSIONS (FCC SECTION 15.205 AND 15.247)

COMPANY	INSIDE OUT NETWORKS	DATE	3/27/03
EUT	BLUETOOTH CLASS 1 MODULE	DUTY CYCLE	<10 %
MODEL	55001073	PEAK TO AVG	20 dB
S/N	N/A	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)	Distance Factor (dB)	Mixer Factor (dB)	*Corrected Reading (dBuV/m)	Delta ** (dB)	Spec Limit (dBuV/m)	Comments
2402.0000	104.7	A	H	2.0	0	X	LOW	30.2	3.6	31.6	0.0	0.0	106.9	106.9		
2402.0000	103.7	A	H	1.0	180	Y	LOW	30.2	3.6	31.6	0.0	0.0	105.9	105.9		
2402.0000	104.5	A	H	1.0	180	Z	LOW	30.2	3.6	31.6	0.0	0.0	106.7	106.7		
2402.0000	104.7	A	V	1.0	270	X	LOW	30.2	3.6	31.6	0.0	0.0	106.9	106.9		
2402.0000	104.7	A	V	1.0	180	Y	LOW	30.2	3.6	31.6	0.0	0.0	106.9	106.9		
2402.0000	106.7	A	V	1.0	270	Z	LOW	30.2	3.6	31.6	0.0	0.0	108.9	108.9		
2441.0000	106.0	A	H	1.0	180	X	MED.	30.3	3.5	31.5	0.0	0.0	108.4	108.4		
2441.0000	103.8	A	H	2.0	0	Y	MED.	30.3	3.5	31.5	0.0	0.0	106.2	106.2		
2441.0000	104.4	A	H	1.0	180	Z	MED.	30.3	3.5	31.5	0.0	0.0	106.8	106.8		
2441.0000	102.9	A	V	1.0	180	X	MED.	30.3	3.5	31.5	0.0	0.0	105.3	105.3		
2441.0000	108.0	A	V	1.0	180	Y	MED.	30.3	3.5	31.5	0.0	0.0	110.4	110.4		
2441.0000	107.9	A	V	1.0	180	Z	MED.	30.3	3.5	31.5	0.0	0.0	110.3	110.3		
2480.0000	105.8	A	H	1.0	180	X	HIGH	30.4	3.4	31.3	0.0	0.0	108.3	108.3		
2480.0000	104.3	A	H	1.0	90	Y	HIGH	30.4	3.4	31.3	0.0	0.0	106.8	106.8		
2480.0000	105.1	A	H	1.0	180	Z	HIGH	30.4	3.4	31.3	0.0	0.0	107.6	107.6		
2480.0000	102.6	A	V	1.0	180	X	HIGH	30.4	3.4	31.3	0.0	0.0	105.1	105.1		
2480.0000	101.5	A	V	1.0	270	Y	HIGH	30.4	3.4	31.3	0.0	0.0	104.0	104.0		
2480.0000	101.6	A	V	1.0	180	Z	HIGH	30.4	3.4	31.3	0.0	0.0	104.1	104.1		

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

** DELTA = SPEC LIMIT - CORRECTED READING

PAGE 1 of PAGE 3

RADIATED EMISSIONS (FCC SECTION 15.205 AND 15.247)

COMPANY	INSIDE OUT NETWORKS	DATE	3/27/03
EUT	BLUETOOTH CLASS 1 MODULE	DUTY CYCLE	<10 %
MODEL	55001073	PEAK TO AVG	20 dB
S/N	N/A	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)	Distance Factor (dB)	Mixer Factor (dB)	*Corrected Reading (dBuV/m)	Delta ** (dB)	Spec Limit (dBuV/m)	Comments	
4804.0000	48.1	28.1	A	H	1.0	180	X	LOW	35.0	5.1	32.5	0.0	0.0	35.8	-18.2	54.0	
4804.0000	46.7	26.7	A	H	1.0	180	Y	LOW	35.0	5.1	32.5	0.0	0.0	34.4	-19.6	54.0	
4804.0000	45.6	25.6	A	H	1.0	180	Z	LOW	35.0	5.1	32.5	0.0	0.0	33.3	-20.7	54.0	
4804.0000	44.2	24.2	A	V	1.0	180	X	LOW	35.0	5.1	32.5	0.0	0.0	31.9	-22.1	54.0	
4804.0000	47.4	27.4	A	V	1.0	180	Y	LOW	35.0	5.1	32.5	0.0	0.0	35.1	-18.9	54.0	
4804.0000	47.1	27.1	A	V	1.0	180	Z	LOW	35.0	5.1	32.5	0.0	0.0	34.8	-19.2	54.0	
4882.0000	46.5	26.5	A	H	1.0	90	X	MED.	35.3	5.2	32.8	0.0	0.0	34.1	-19.9	54.0	
4882.0000	48.6	28.6	A	H	1.5	90	Y	MED.	35.3	5.2	32.8	0.0	0.0	36.2	-17.8	54.0	
4882.0000	49.2	29.2	A	H	1.0	90	Z	MED.	35.3	5.2	32.8	0.0	0.0	36.8	-17.2	54.0	
4882.0000	47.8	27.8	A	V	1.5	90	X	MED.	35.3	5.2	32.8	0.0	0.0	35.4	-18.6	54.0	
4882.0000	46.9	26.9	A	V	1.5	90	Y	MED.	35.3	5.2	32.8	0.0	0.0	34.5	-19.5	54.0	
4882.0000	44.3	24.3	A	V	1.5	90	Z	MED.	35.3	5.2	32.8	0.0	0.0	31.9	-22.1	54.0	
4960.0000	39.8	19.8	A	H	1.0	270	X	HIGH	35.6	5.2	33.1	0.0	0.0	27.4	-26.6	54.0	
4960.0000	49.9	29.9	A	H	1.0	270	Y	HIGH	35.6	5.2	33.1	0.0	0.0	37.5	-16.5	54.0	
4960.0000	50.2	30.2	A	H	1.0	90	Z	HIGH	35.6	5.2	33.1	0.0	0.0	37.8	-16.2	54.0	
4960.0000	39.2	19.2	A	V	1.0	180	X	HIGH	35.6	5.2	33.1	0.0	0.0	26.8	-27.2	54.0	
4960.0000	47.6	27.6	A	V	1.0	180	Y	HIGH	35.6	5.2	33.1	0.0	0.0	35.2	-18.8	54.0	
4960.0000	45.2	25.2	A	V	1.0	180	Z	HIGH	35.6	5.2	33.1	0.0	0.0	32.8	-21.2	54.0	

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

** DELTA = SPEC LIMIT - CORRECTED READING

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RADIATED EMISSIONS (FCC SECTION 15.205 AND 15.247)

COMPANY	INSIDE OUT NETWORKS	DATE	3/27/03
EUT	BLUETOOTH CLASS 1 MODULE	DUTY CYCLE	<10 %
MODEL	55001073	PEAK TO AVG	20 dB
S/N	N/A	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)	Distance Factor (dB)	Mixer Factor (dB)	*Corrected Reading (dBuV/m)	Delta ** (dB)	Spec Limit (dBuV/m)	Comments	
7206.0000	46.5	26.5	A	H	1.0	90	X	LOW	40.5	6.6	31.9	0.0	0.0	41.7	-12.3	54.0	
7206.0000	44.3	24.3	A	H	1.5	270	Y	LOW	40.5	6.6	31.9	0.0	0.0	39.5	-14.5	54.0	
7206.0000	42.1	22.1	A	H	1.0	90	Z	LOW	40.5	6.6	31.9	0.0	0.0	37.3	-16.7	54.0	
7206.0000	39.8	19.8	A	V	1.5	90	X	LOW	40.5	6.6	31.9	0.0	0.0	35.0	-19.0	54.0	
7206.0000	47.7	27.7	A	V	1.0	180	Y	LOW	40.5	6.6	31.9	0.0	0.0	42.9	-11.1	54.0	
7206.0000	46.5	26.5	A	V	1.0	180	Z	LOW	40.5	6.6	31.9	0.0	0.0	41.7	-12.3	54.0	
7323.0000	43.5	23.5	A	H	2.0	90	X	MED.	40.7	6.5	32.0	0.0	0.0	38.7	-15.3	54.0	
7323.0000	42.7	22.7	A	H	2.0	180	Y	MED.	40.7	6.5	32.0	0.0	0.0	37.9	-16.1	54.0	
7323.0000	41.2	21.2	A	H	2.0	0	Z	MED.	40.7	6.5	32.0	0.0	0.0	36.4	-17.6	54.0	
7323.0000	47.8	27.8	A	V	2.0	0	X	MED.	40.7	6.5	32.0	0.0	0.0	43.0	-11.0	54.0	
7323.0000	43.2	23.2	A	V	2.0	90	Y	MED.	40.7	6.5	32.0	0.0	0.0	38.4	-15.6	54.0	
7323.0000	41.5	21.5	A	V	1.5	90	Z	MED.	40.7	6.5	32.0	0.0	0.0	36.7	-17.3	54.0	
7440.0000	38.7	18.7	A	H	1.5	180	X	HIGH	40.9	6.4	32.1	0.0	0.0	34.0	-20.0	54.0	
7440.0000	47.6	27.6	A	H	1.5	0	Y	HIGH	40.9	6.4	32.1	0.0	0.0	42.9	-11.1	54.0	
7440.0000	48.2	28.2	A	H	1.5	270	Z	HIGH	40.9	6.4	32.1	0.0	0.0	43.5	-10.5	54.0	
7440.0000	45.8	25.8	A	V	1.0	0	X	HIGH	40.9	6.4	32.1	0.0	0.0	41.1	-12.9	54.0	
7440.0000	46.5	26.5	A	V	1.5	0	Y	HIGH	40.9	6.4	32.1	0.0	0.0	41.8	-12.2	54.0	
7440.0000	48.7	28.7	A	V	1.5	0	Z	HIGH	40.9	6.4	32.1	0.0	0.0	44.0	-10.0	54.0	

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

No Harmonics nor Emissions Found
 After the 3rd Harmonic

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Test location: Compatible Electronics
Customer : INSIDE OUT NETWORKS Date : 3/27/2003
Manufacturer : INSIDE OUT NETWORKS Time : 13.56
EUT name : Bluetooth Class 1 Module
Model : 55001073
Specification: Fcc_B Test distance: 3.0 mtrs Lab: D
Distance correction factor(20*log(test/spec)) : 0.00
Test Mode : RADIATED SPURIOUS EMISSIONS
VERTICAL POLARIZATION 10 kHz TO 25000 MHz
TEMPERATURE 82 DEGREES F., RELATIVE HUMIDITY 39%
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	102.23	46.40	1.91	8.83	38.31	18.83	43.50	-24.67
2V	104.83	47.40	1.92	9.11	38.32	20.11	43.50	-23.39
3V	114.63	50.20	1.96	10.14	38.36	23.94	43.50	-19.56
4V	155.66	44.30	2.29	12.73	38.35	20.96	43.50	-22.54
5V	166.39	43.10	2.46	13.41	38.27	20.70	43.50	-22.80
6V	209.61	36.00	2.58	15.45	38.32	15.70	43.50	-27.80
7V	232.14	34.30	2.79	16.26	38.23	15.11	46.00	-30.89
8V	236.94	37.40	2.84	16.43	38.25	18.43	46.00	-27.57
9V	290.54	34.30	3.22	18.68	38.38	17.83	46.00	-28.17
10V	327.95	38.60	3.47	13.83	38.30	17.59	46.00	-28.41
11V	406.50	45.10	3.83	14.48	38.25	25.16	46.00	-20.84
12V	583.41	41.40	4.53	17.07	38.13	24.87	46.00	-21.13
13V	608.04	46.80	4.65	17.54	38.07	30.92	46.00	-15.08

Page: 1 of 1

Test location: Compatible Electronics
Customer : INSIDE OUT NETWORKS Date : 3/27/2003
Manufacturer : INSIDE OUT NETWORKS Time : 14.26
EUT name : Bluetooth Class 1 Module
Model : 55001073
Specification: Fcc_B Test distance: 3.0 mtrs Lab: D
Distance correction factor($20 \cdot \log(\text{test}/\text{spec})$) : 0.00
Test Mode : RADIATED SPURIOUS EMISSIONS
HORIZONTAL POLARIZATION 10 kHz TO 25000 MHz
TEMPERATURE 82 DEGREES F., RELATIVE HUMIDITY 39%
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	320.09	48.60	3.42	13.62	38.30	27.34	46.00	-18.66
2H	364.71	45.00	3.66	14.37	38.30	24.73	46.00	-21.27
3H	497.69	39.40	4.38	16.56	38.09	22.25	46.00	-23.75
4H	593.51	40.20	4.57	17.21	38.11	23.87	46.00	-22.13
5H	701.26	34.80	5.10	17.75	37.89	19.75	46.00	-26.25
6H	102.23	45.20	1.91	8.83	38.31	17.63	43.50	-25.87
7H	112.01	54.50	1.95	9.86	38.35	27.96	43.50	-15.54
8H	232.19	44.20	2.79	16.26	38.23	25.02	46.00	-20.98

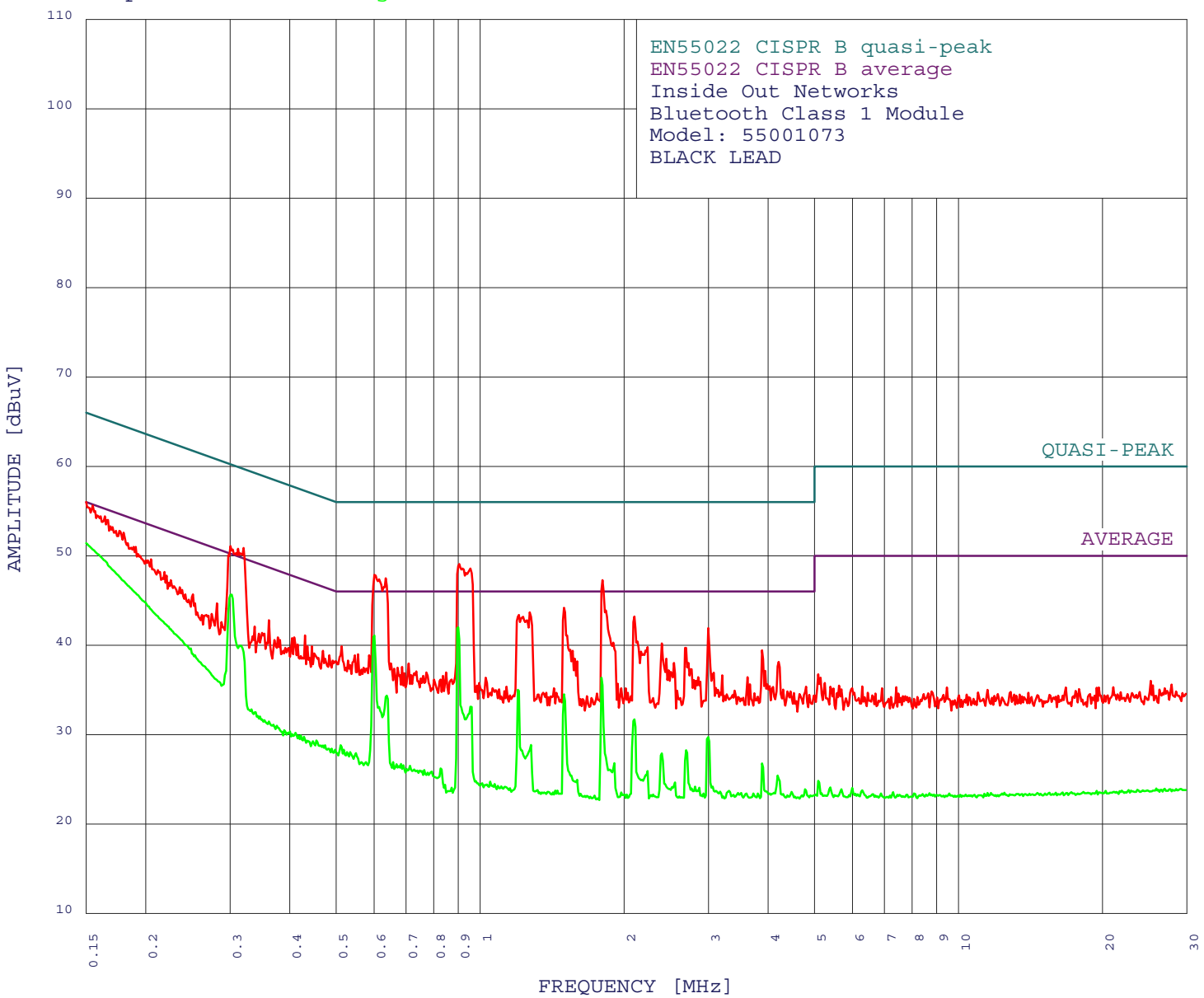
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DATA SHEETS



Model: 55001073

9:43:12



**Lake Forest Division
20621 Pascal Way
Lake Forest, CA 92630
(949) 587-0400**

Inside Out Networks
Bluetooth Class 1 Module
Model: 55001073
EN 55022 Class B - Black Lead
TEST ENGINEER : KYLE FUJIMOTO

30 highest peaks above -50.00 dB of AVERAGE limit line

Peak criteria : 1.00 dB, Curve : Peak

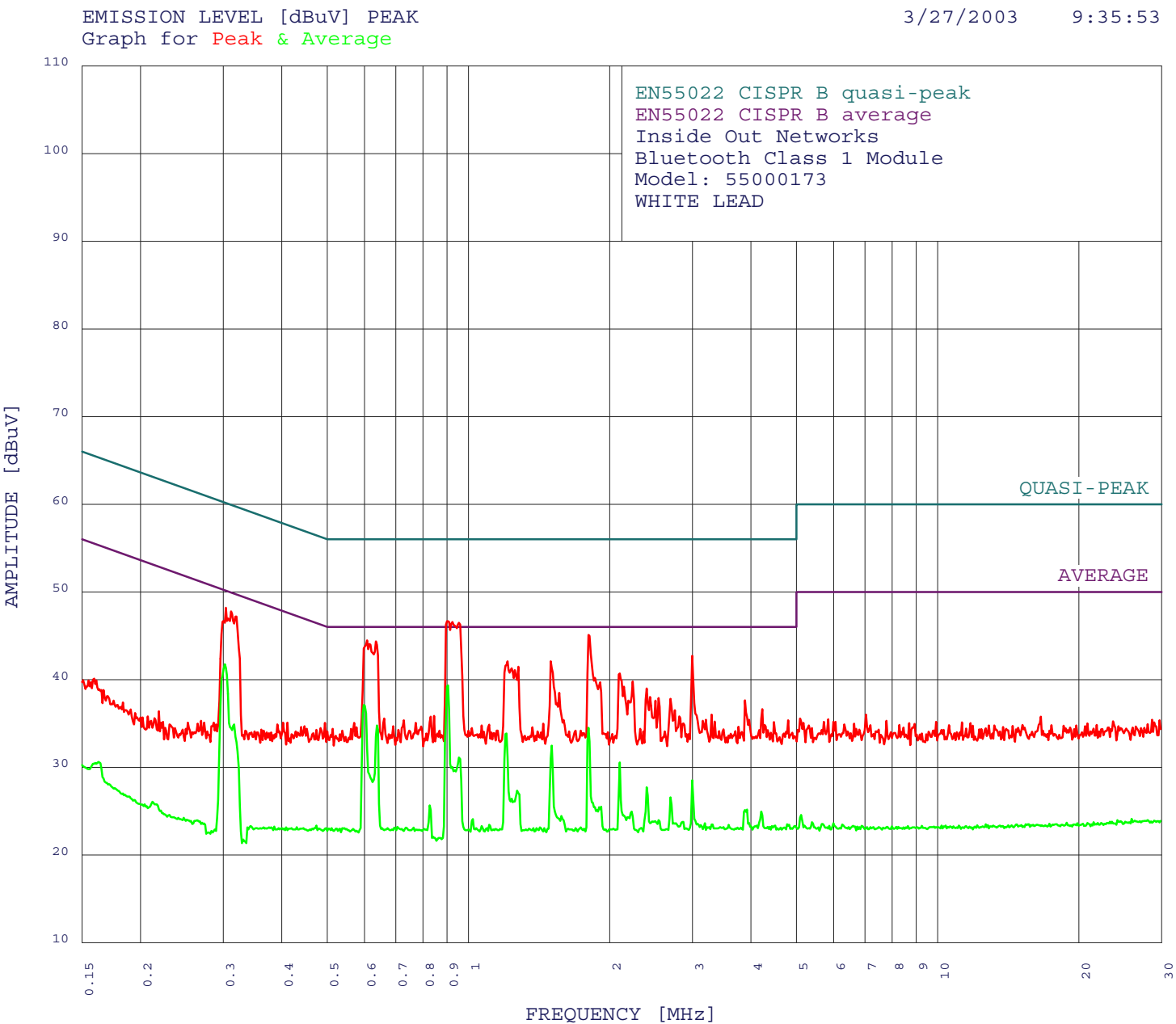
Peak#	Freq(MHz)	Amp(dBuV)	Limit(dB)	Delta(dB)
1	0.904	49.06	46.00	3.06*
2	0.601	47.87	46.00	1.87*
3	0.635	47.47	46.00	1.47*
4	1.803	47.28	46.00	1.28*
5	0.301	51.08	50.22	0.86*
6	1.497	44.17	46.00	-1.83*
7	1.270	43.67	46.00	-2.33*
8	1.205	43.37	46.00	-2.63*
9	2.100	43.19	46.00	-2.81*
10	2.997	41.91	46.00	-4.09*
11	2.398	40.19	46.00	-5.81*
12	0.362	42.78	48.68	-5.91*
13	0.251	45.68	51.73	-6.04*
14	0.282	44.68	50.76	-6.08*
15	0.513	39.87	46.00	-6.13*
16	0.431	41.07	47.24	-6.17*
17	2.240	39.79	46.00	-6.21*
18	2.695	39.70	46.00	-6.30*
19	3.885	39.42	46.00	-6.58*
20	1.561	39.38	46.00	-6.62*
21	0.409	40.88	47.67	-6.80*
22	0.405	40.78	47.76	-6.98*
23	0.556	38.97	46.00	-7.03*
24	0.445	39.87	46.97	-7.10*
25	0.547	38.87	46.00	-7.13*
26	0.586	38.87	46.00	-7.13*
27	0.469	39.37	46.53	-7.16*
28	0.338	42.08	49.26	-7.18*
29	0.435	39.87	47.15	-7.28*
30	0.484	38.87	46.27	-7.40*

Inside Out Networks
Bluetooth Class 1 Module
Model: 55001073
EN 55022 Class B - Black Lead
TEST ENGINEER : KYLE FUJIMOTO

30 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	0.900	41.99	46.00	-4.01
2	0.302	45.66	50.18	-4.52
3	0.601	41.07	46.00	-4.93
4	1.793	36.36	46.00	-9.64
5	0.315	39.94	49.84	-9.90
6	1.199	35.00	46.00	-11.00
7	1.497	34.49	46.00	-11.51
8	0.638	34.36	46.00	-11.64
9	0.254	38.85	51.64	-12.79
10	0.954	33.11	46.00	-12.89
11	0.615	33.10	46.00	-12.90
12	2.100	31.69	46.00	-14.31
13	2.997	29.71	46.00	-16.29
14	0.333	32.81	49.39	-16.58
15	0.338	32.50	49.26	-16.76
16	0.347	32.02	49.04	-17.02
17	1.277	28.84	46.00	-17.16
18	0.511	28.80	46.00	-17.20
19	0.362	31.45	48.68	-17.24
20	0.354	31.62	48.87	-17.25
21	0.376	30.99	48.38	-17.39
22	0.370	31.12	48.51	-17.39
23	0.411	30.21	47.63	-17.42
24	0.455	29.34	46.79	-17.45
25	0.400	30.35	47.85	-17.50
26	0.422	29.89	47.41	-17.52
27	0.428	29.75	47.28	-17.53
28	0.389	30.48	48.08	-17.60
29	0.418	29.86	47.50	-17.64
30	0.474	28.80	46.44	-17.64



Brea Division
114 Olinda Drive
Brea, CA 92823
(714) 579-0500

Agoura Division
2337 Troutdale Drive
Agoura, CA 91301
(818) 597-0600

Silverado Division
19121 El Toro Road
Silverado, CA 92676
(949) 589-0700

Lake Forest Division
20621 Pascal Way
Lake Forest, CA 92630
(949) 587-0400

Inside Out Networks
Bluetooth Class 1 Module
Model: 55000173
EN 55022 Class B - White Lead
TEST ENGINEER : KYLE FUJIMOTO

30 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	0.904	46.66	46.00	0.66*
2	1.803	45.08	46.00	-0.92*
3	0.608	44.47	46.00	-1.53*
4	0.635	44.37	46.00	-1.63*
5	0.304	48.18	50.14	-1.96*
6	0.312	47.78	49.92	-2.14*
7	2.997	42.71	46.00	-3.29*
8	1.497	42.07	46.00	-3.93*
9	1.211	42.07	46.00	-3.93*
10	1.277	41.47	46.00	-4.53*
11	2.100	40.69	46.00	-5.31*
12	2.240	39.79	46.00	-6.21*
13	2.145	39.19	46.00	-6.81*
14	2.398	38.99	46.00	-7.01*
15	1.561	38.48	46.00	-7.52*
16	2.438	37.99	46.00	-8.01*
17	2.543	37.90	46.00	-8.10*
18	2.695	37.80	46.00	-8.20*
19	3.885	37.62	46.00	-8.38*
20	2.503	37.60	46.00	-8.40*
21	4.230	36.63	46.00	-9.37*
22	2.754	36.50	46.00	-9.50*
23	3.295	36.01	46.00	-9.99*
24	0.845	35.86	46.00	-10.14*
25	2.813	35.80	46.00	-10.20*
26	0.831	35.76	46.00	-10.24*
27	0.661	35.56	46.00	-10.44*
28	3.208	35.41	46.00	-10.59*
29	0.728	35.36	46.00	-10.64*
30	4.803	35.34	46.00	-10.66*

Inside Out Networks
Bluetooth Class 1 Module
Model: 550001073
EN 55022 Class B - White Lead
TEST ENGINEER : KYLE FUJIMOTO

30 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	0.904	39.32	46.00	-6.68
2	0.302	41.76	50.18	-8.42
3	0.598	37.11	46.00	-8.89
4	0.638	34.75	46.00	-11.25
5	1.803	34.50	46.00	-11.50
6	1.205	33.85	46.00	-12.15
7	1.505	32.47	46.00	-13.53
8	0.954	31.10	46.00	-14.90
9	0.317	34.88	49.79	-14.91
10	2.100	30.55	46.00	-15.45
11	0.924	30.02	46.00	-15.98
12	0.934	29.66	46.00	-16.34
13	2.997	28.51	46.00	-17.49
14	2.398	27.71	46.00	-18.29
15	1.270	27.32	46.00	-18.68
16	2.695	26.55	46.00	-19.45
17	1.236	26.42	46.00	-19.58
18	0.827	25.64	46.00	-20.36
19	1.919	25.49	46.00	-20.51
20	1.898	25.43	46.00	-20.57
21	3.926	25.18	46.00	-20.82
22	1.879	25.13	46.00	-20.87
23	3.885	25.10	46.00	-20.90
24	2.228	24.95	46.00	-21.05
25	4.208	24.93	46.00	-21.07
26	1.578	24.43	46.00	-21.57
27	2.192	24.30	46.00	-21.70
28	1.022	24.07	46.00	-21.93
29	2.543	23.97	46.00	-22.03
30	2.503	23.83	46.00	-22.17

-20 dB BANDWIDTH

DATA SHEETS

hp -20 dB BANDWIDTH OF LOW CHANNEL MKR Δ 860 kHz
REF 117.0 dBμV ATTN 20 dB -0.50 dB

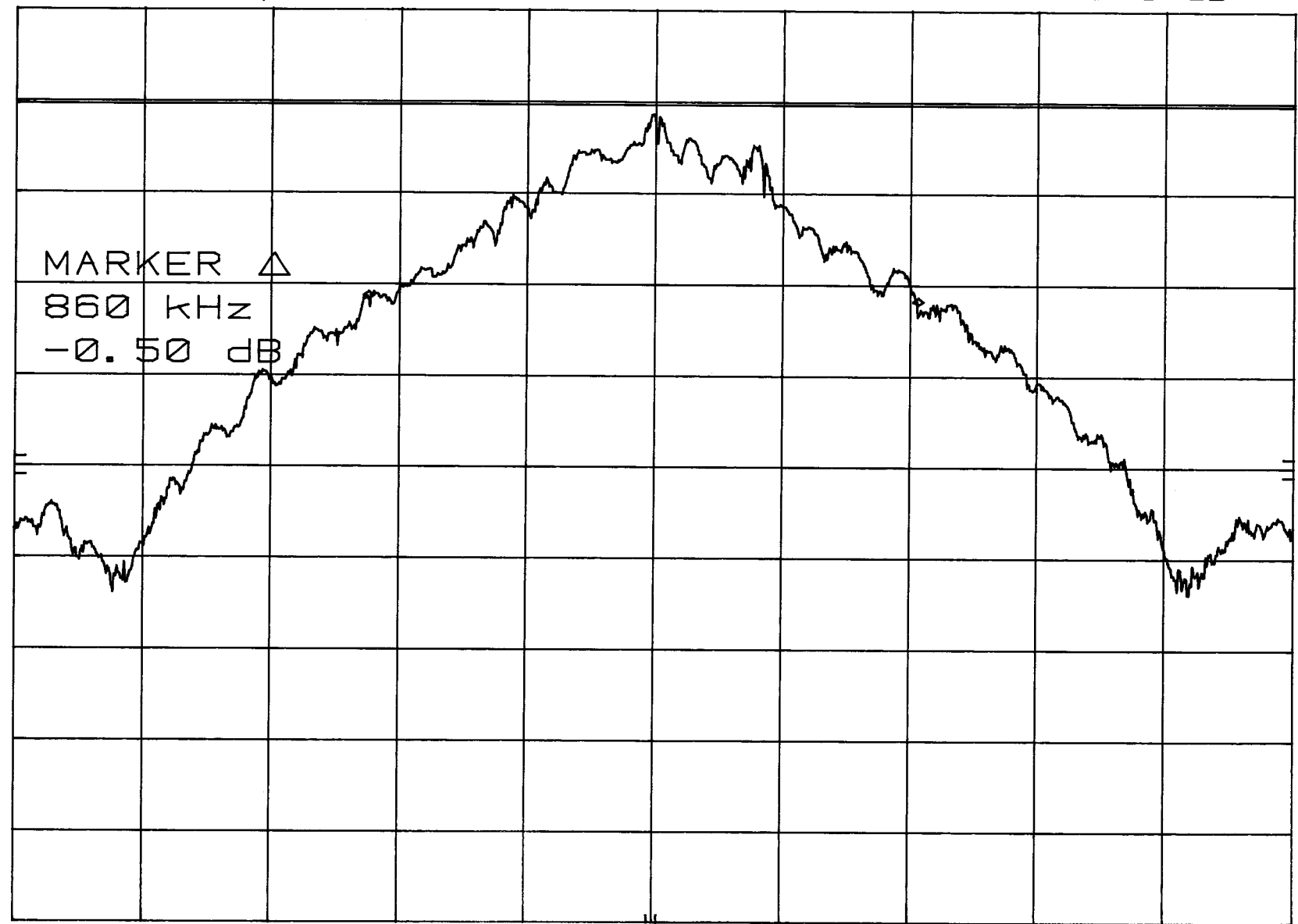
10 dB/

DL
106.7
dBμV

MARKER Δ
860 kHz
-0.50 dB

CORR'D

CENTER 2.402 00 GHz SPAN 2.00 MHz
RES BW 30 kHz VBW 30 kHz SWP 20.0 msec



hp -20 dB BANDWIDTH OF MIDDLE CHANNEL
REF 117.0 dBμV ATTN 20 dB

MKR Δ 850 kHz
0.20 dB

10 dB/

DL
77.0
dBμV

MARKER Δ
850 kHz
0.20 dB

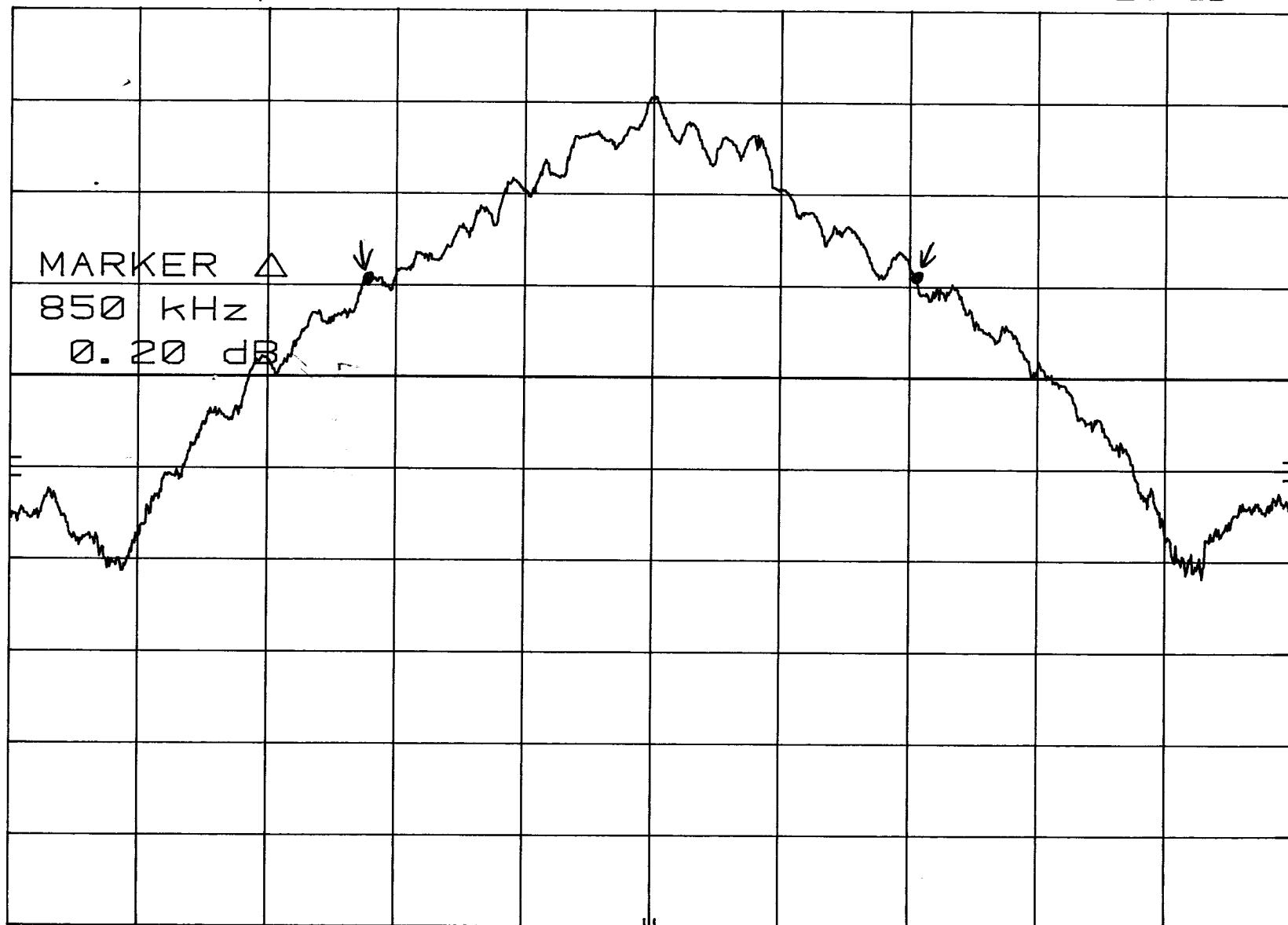
CORR'D

CENTER 2.441 00 GHz

RES BW 30 kHz

VBW 30 kHz

SPAN 2.00 MHz
SWP 20.0 msec



hp

-20 dB BANDWIDTH OF HIGH CHANNEL
REF 117.0 dBμV ATTN 20 dB

MKR Δ 860 kHz
0.10 dB

10 dB/

DL
105.8
dBμV

MARKER Δ
860 kHz
0.10 dB

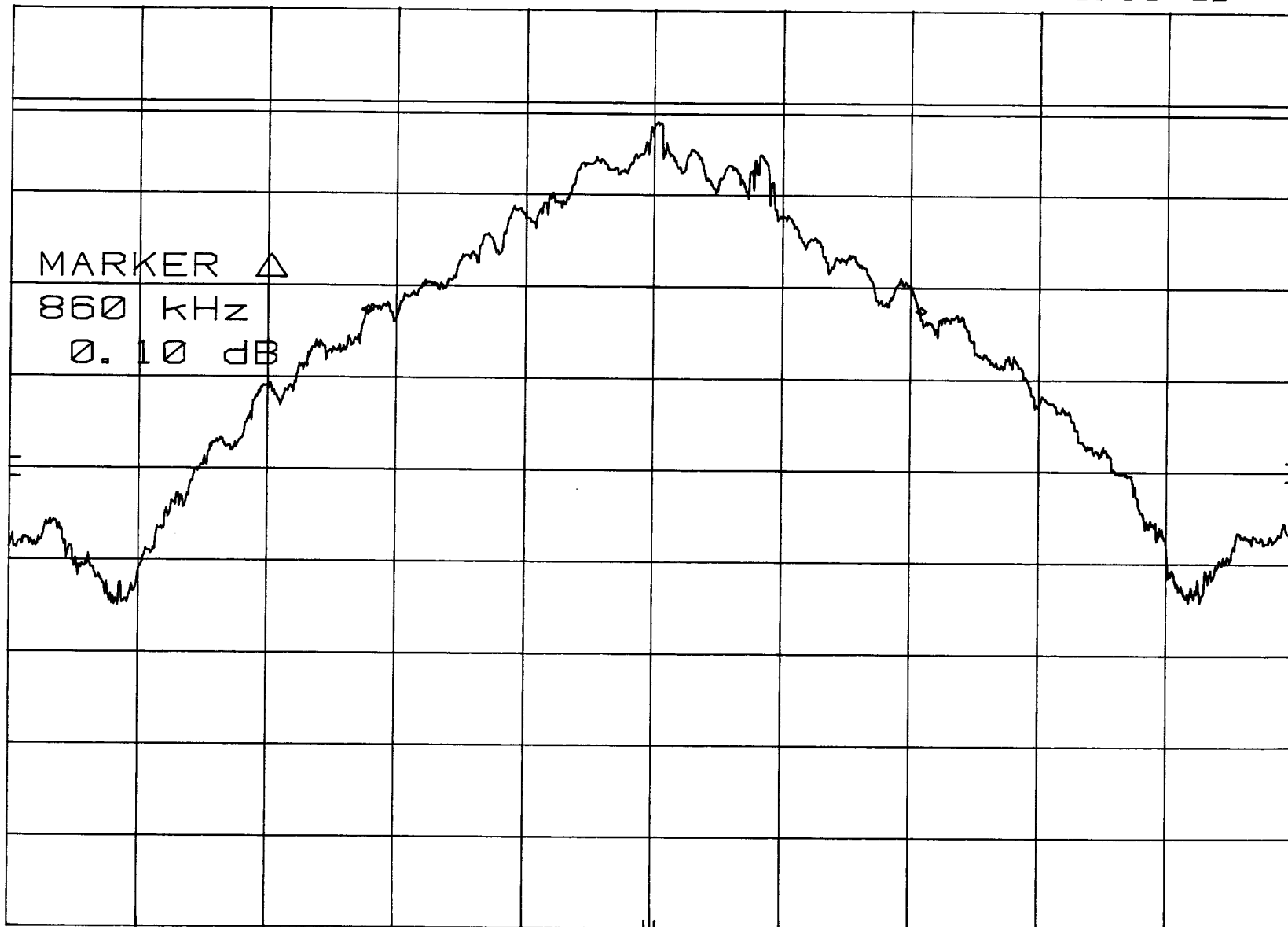
CORR'D

CENTER 2.480 00 GHz

RES BW 30 kHz

VBW 30 kHz

SPAN 2.00 MHz
SWP 20.0 msec



PEAK POWER OUTPUT

DATA SHEETS

PEAK OUTPUT POWER

INSIDE OUT NETWORKS

BLUETOOTH CLASS 1 MODULE

MODEL: 55001073

CHANNEL	PEAK POWER OUTPUT (dBm)
LOW	10.67
MIDDLE	12.16
HIGH	10.07

CHANNEL HOPPING SEPARATION***DATA SHEET***

hp

CARRIER FREQUENCY SEPARATION

REF 127.0 dBμV ATTN 30 dB

MKR Δ 996 kHz

-0.10 dB

10 dB/

DL
87.0
dBμV

MARKER Δ

996 kHz

-0.10 dB

CORR'D

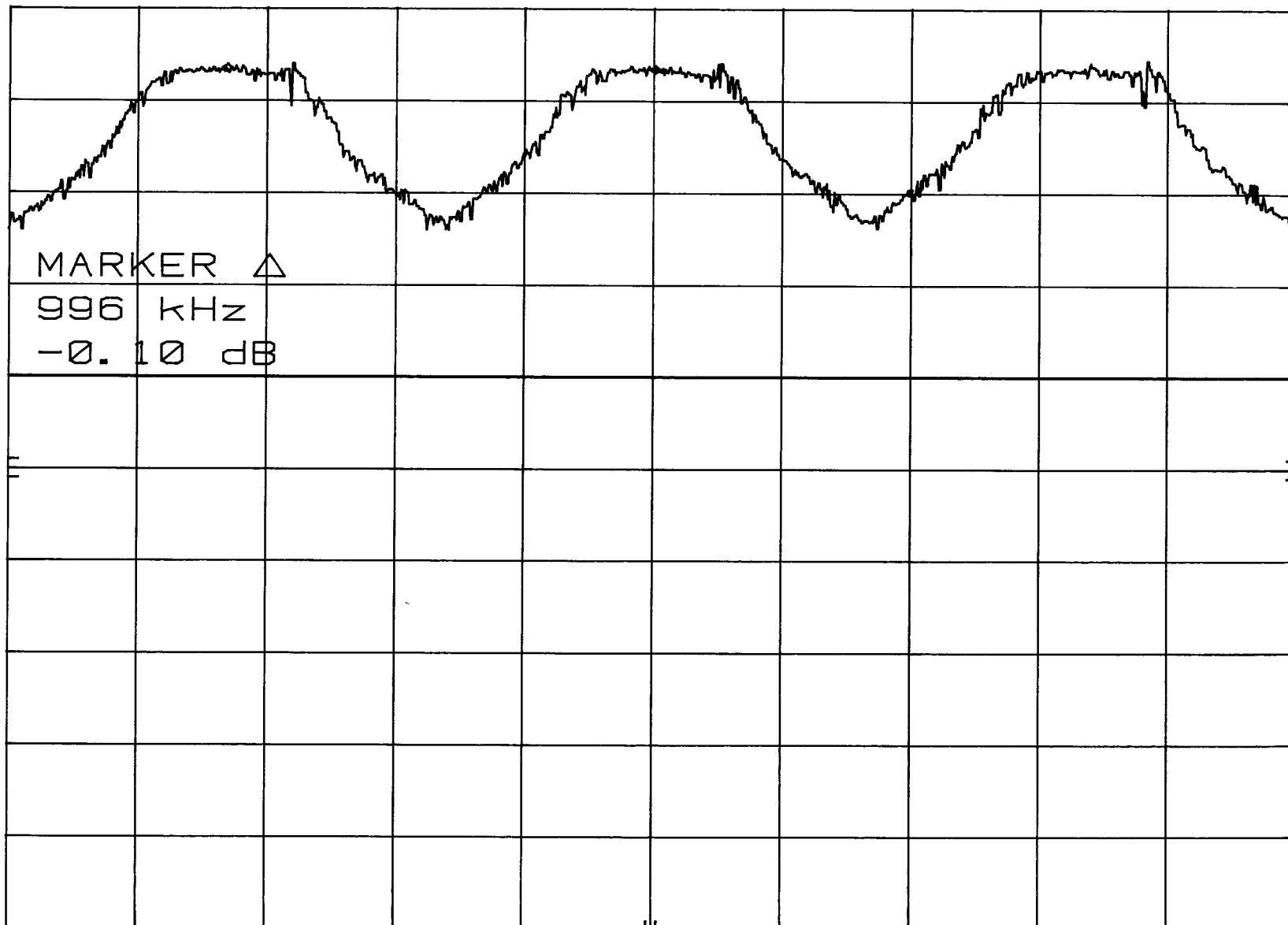
CENTER 2.441 00 GHz

RES BW 100 kHz

VBW 100 kHz

SPAN 3.00 MHz

SWP 20.0 msec



AVERAGE TIME OF OCCUPANCY

DATA SHEETS

TIME OF ONE PULSE - DH1 MODE
REF 107.0 dBμV ATTN 10 dB

MKR Δ 500.0 μsec
5.40 dB

hp
10 dB/

DL
67.0
dBμV

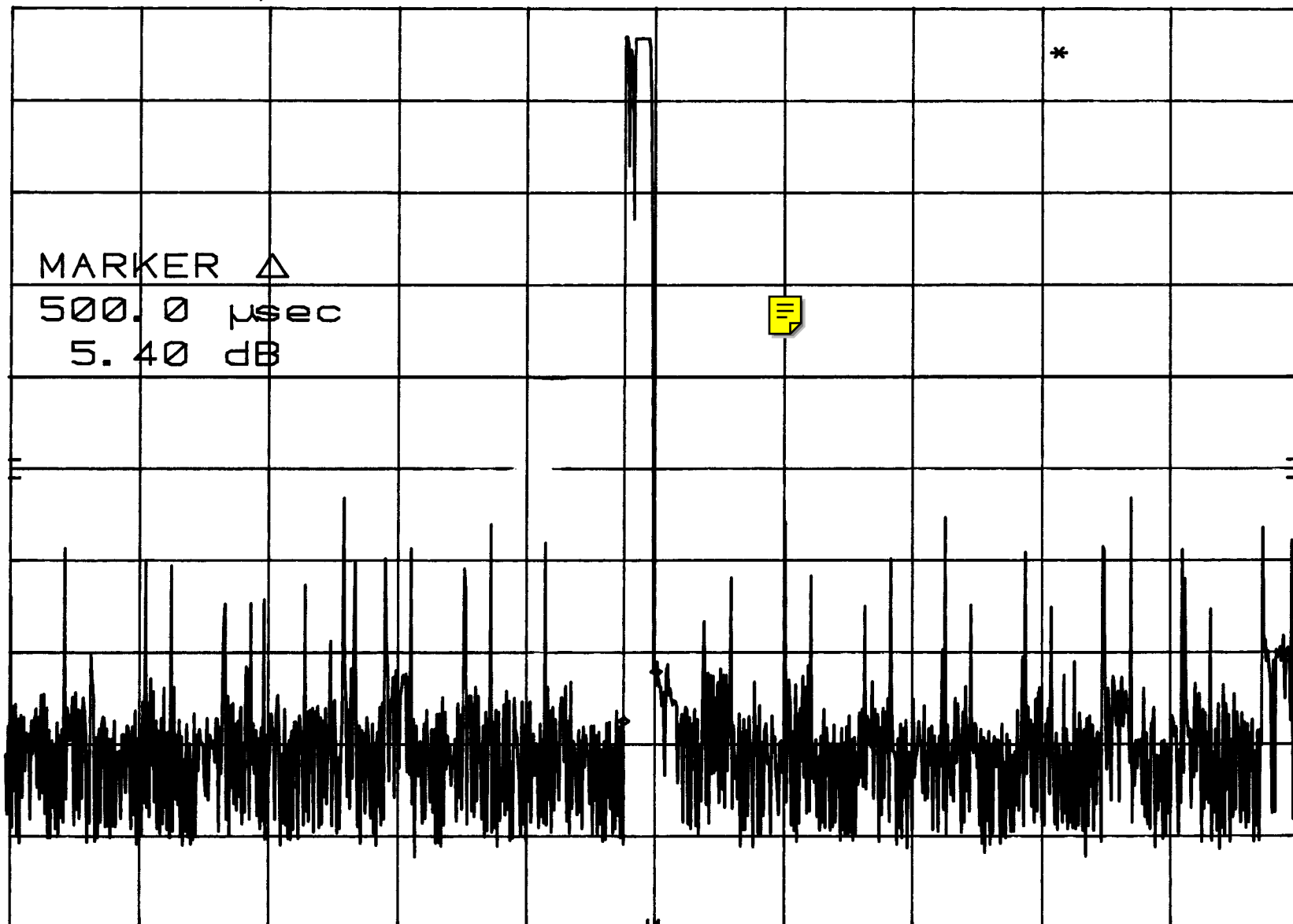
MARKER Δ
500.0 μsec
5.40 dB

CORR'D

CENTER 2.440 000 000 GHz
RES BW 100 kHz

VBW 100 kHz

SPAN 0 Hz
SWP 20.0 msec



NUMBER OF PULSES OVER 3 SECONDS - DH 1 MODE

MKR 66.00 msec

hp

REF 107.0 dBμV ATTN 10 dB

90.50 dBμV

10 dB/

DL
67.0
dBμV

MARKER
66.00 msec
90.50 dBμV

CORR'D



CENTER 2.440 000 000 GHz

RES BW 100 kHz

VBW 100 kHz

SPAN 0 Hz

SWP 3.00 sec

hp TIME OF ONE PULSE - DH3 MODE
REF 107.0 dBμV ATTN 10 dB

MKR Δ 1.720 msec
4.40 dB

10 dB/

DL
67.0 dBμV

MARKER Δ
1.720 msec
4.40 dB

CORR'D

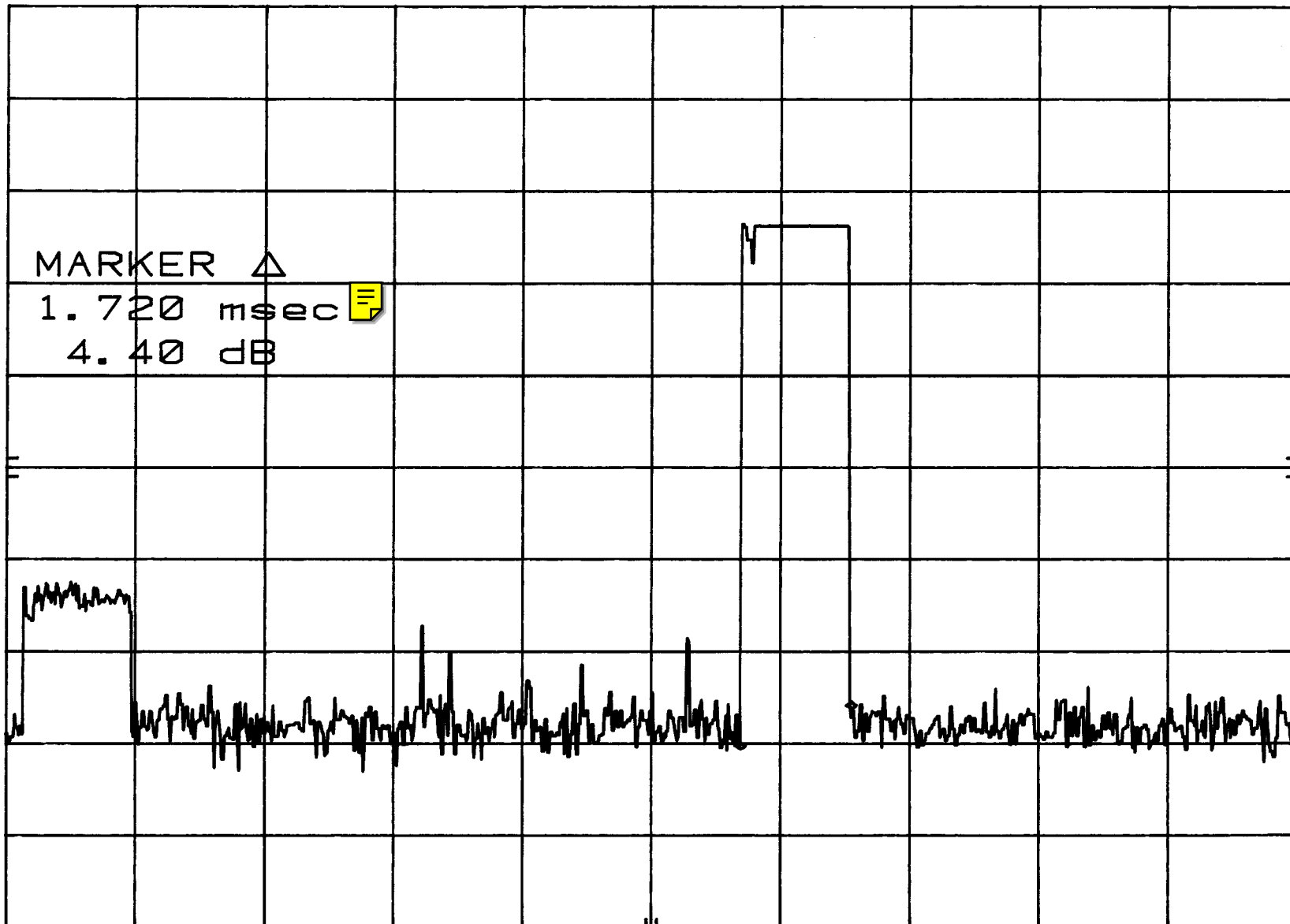
CENTER 2.440 000 000 GHz

RES BW 100 kHz

VBW 100 kHz

SPAN 0 Hz

SWP 20.0 msec



hp

NUMBER OF PULSES OVER 5 SECONDS - DH3 MODE

MKR 435.0 msec

REF 107.0 dBμV ATTN 10 dB

36.30 dBμV

10 dB/

DL
67.0
dBμV

SWEEP TIME
5.00 sec

CORR'D



CENTER 2.440 000 000 GHz

RES BW 100 kHz

VBW 100 kHz

SPAN 0 Hz

SWP 5.00 sec

TIME OF ONE PULSE - DH5 MODE
REF 107.0 dBμV ATTEN 10 dB

MKR Δ 2.980 msec
5.10 dB

hp
10 dB/

DL
67.0
dBμV

MARKER Δ
2.980 msec
5.10 dB

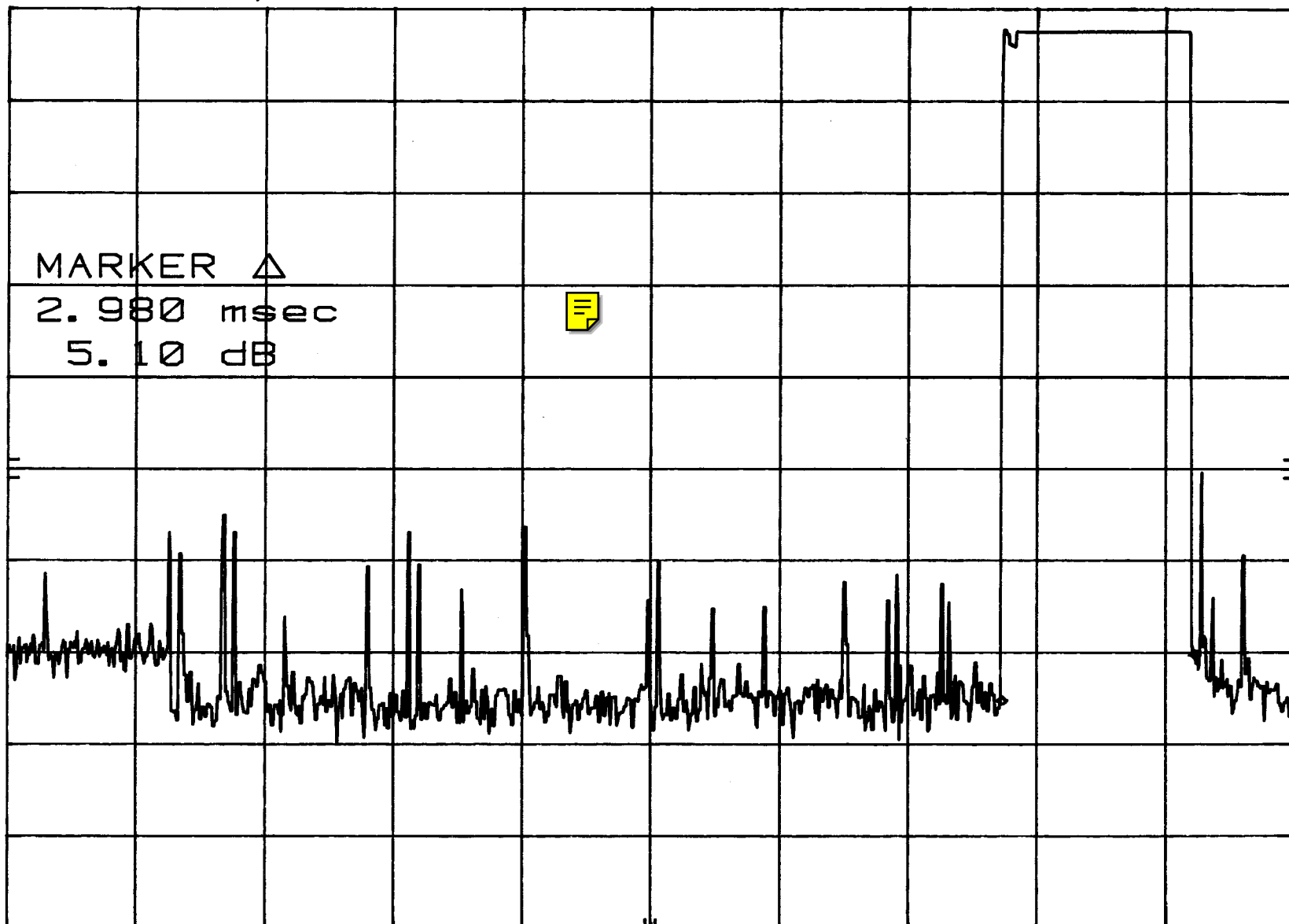


CORR'D

CENTER 2.440 000 000 GHz
RES BW 100 kHz

VBW 100 kHz

SPAN 0 Hz
SWP 20.0 msec



hp NUMBER OF PULSES OVER 10 SECONDS - DH5 MODE MKR Δ 1.490 sec
REF 107.0 dB μ V ATTEN 10 dB 14.30 dB

10 dB/

DL
67.0
dB μ V

SWEEP TIME
10.0 sec

CORR'D

CENTER 2.440 000 000 GHz

RES BW 100 kHz

VBW 100 kHz

SPAN 0 Hz
SWP 10.0 sec

