

APPENDIX E

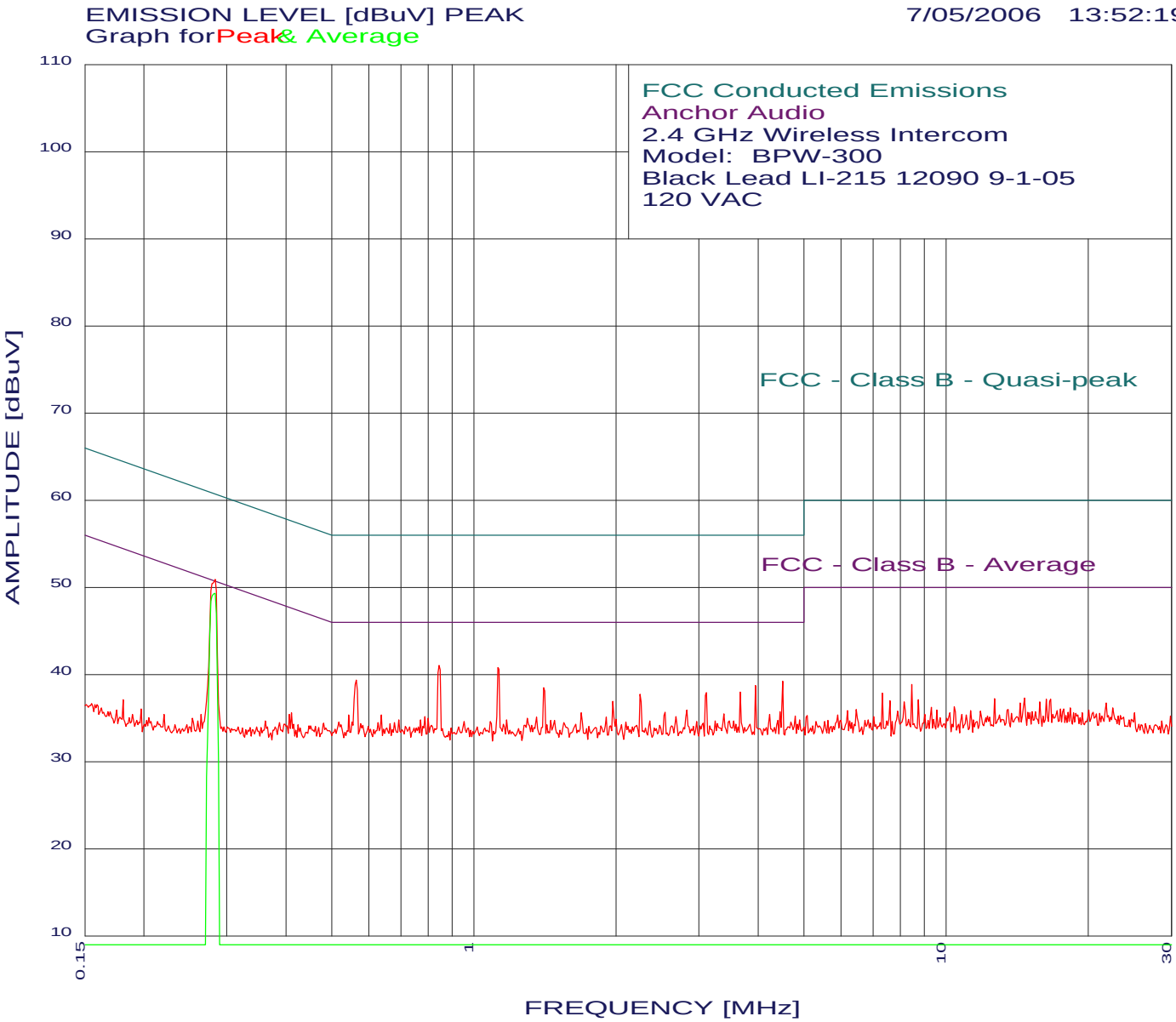
DATA SHEETS

CONDUCTED EMISISSONS

DATA SHEETS



7/05/2006 13:52:19



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

Anchor Audio
2.4 GHz Wireless Intercom
Model: BPW-300
Black Lead - 120 VAC
Test Engineer: James Ross

7/05/2006 13:52:19

17 highest peaks above -50.00 dB of FCC - Class B - Average limit line

Peak criteria : 3.00 dB, Curve : Peak

Peak#	Freq(MHz)	Amp(dBuV)	Limit(dB)	Delta(dB)
1	0.283	50.88	50.72	0.16*
2	0.844	41.06	46.00	-4.94
3	1.124	40.77	46.00	-5.23
4	0.564	39.34	46.00	-6.66
5	4.504	39.23	46.00	-6.77
6	3.945	38.69	46.00	-7.31
7	1.404	38.49	46.00	-7.51
8	3.663	37.97	46.00	-8.03
9	3.107	37.92	46.00	-8.08
10	2.250	37.74	46.00	-8.26
11	1.971	36.92	46.00	-9.08
12	8.461	38.84	50.00	-11.16
13	7.333	37.85	50.00	-12.15
14	14.680	37.26	50.00	-12.74
15	12.656	37.23	50.00	-12.77
16	16.671	37.18	50.00	-12.82
17	8.729	37.06	50.00	-12.94

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

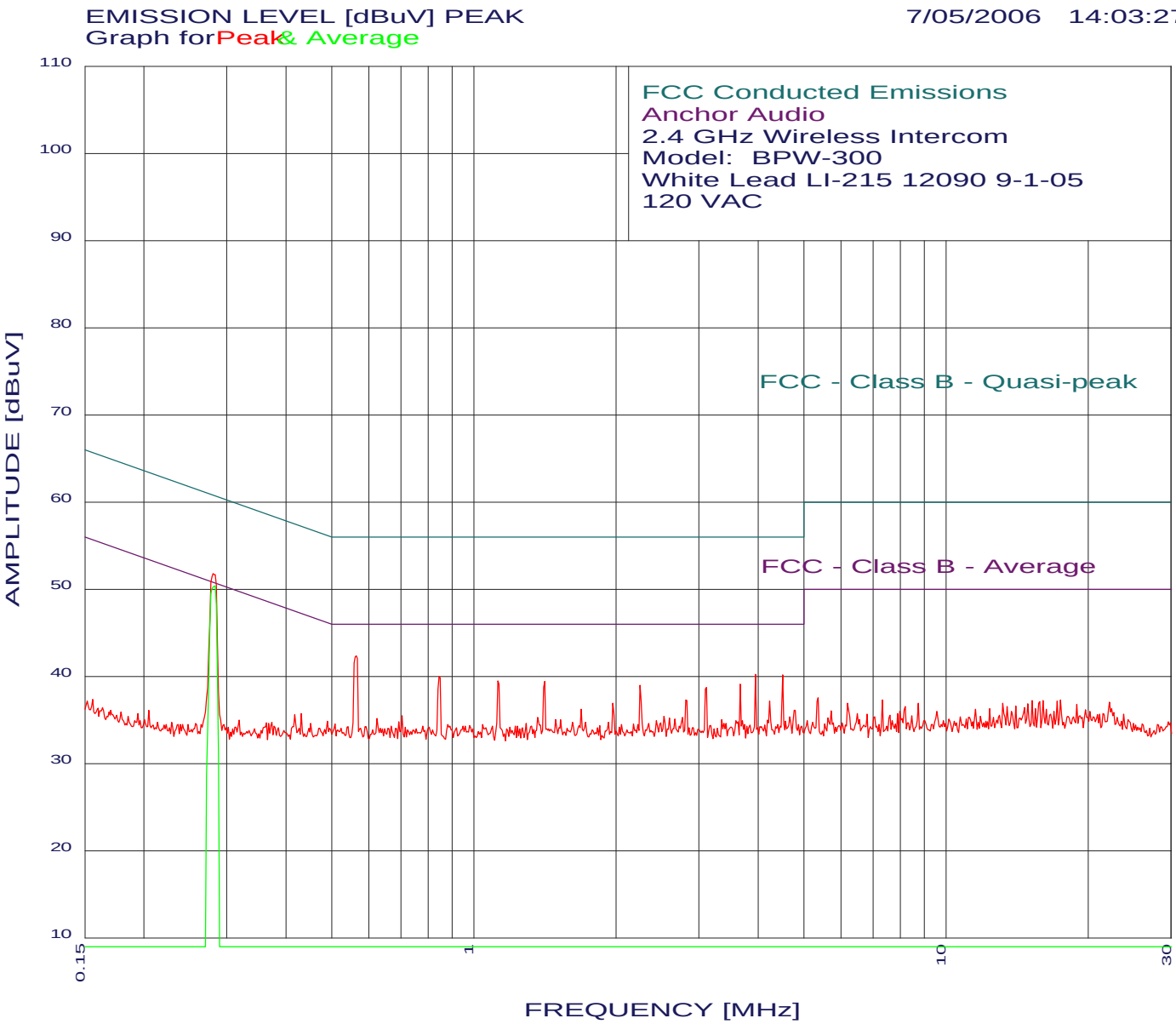
Anchor Audio
2.4 GHz Wireless Intercom
Model: BPW-300
Black Lead - 120 VAC
Test Engineer: James Ross

7/05/2006 13:52:19

1 highest peaks above -50.00 dB of FCC - Class B - Average limit line
Peak criteria : 3.00 dB, Curve : Average
Peak# Freq(MHz) Amp(dBuV) Limit(dB) Delta(dB)
1 0.282 49.27 50.76 -1.49



7/05/2006 14:03:27



Brea Division
114 Olinda Drive
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2337 Troutdale Drive
Agoura, CA 91301
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19121 El Toro Road
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Lake Forest Division
20621 Pascal Way
Lake Forest, CA 92630
(949) 587-0400

Anchor Audio
2.4 GHz Wireless Intercom
Model: BPW-300
White Lead - 120 VAC
Test Engineer: James Ross

7/05/2006 14:03:27

21 highest peaks above -50.00 dB of FCC - Class B - Average limit line

Peak criteria : 3.00 dB, Curve : Peak

Peak#	Freq(MHz)	Amp(dBuV)	Limit(dB)	Delta(dB)
1	0.280	51.78	50.81	0.97*
2	0.564	42.35	46.00	-3.65
3	3.945	40.22	46.00	-5.78
4	4.504	40.16	46.00	-5.84
5	0.844	39.96	46.00	-6.04
6	1.124	39.48	46.00	-6.52
7	1.412	39.40	46.00	-6.60
8	3.663	39.09	46.00	-6.91
9	2.250	38.96	46.00	-7.04
10	3.107	38.74	46.00	-7.26
11	2.811	37.31	46.00	-8.69
12	4.227	37.14	46.00	-8.86
13	1.971	36.93	46.00	-9.07
14	1.690	36.21	46.00	-9.79
15	5.362	37.52	50.00	-12.48
16	17.478	37.29	50.00	-12.71
17	7.333	37.28	50.00	-12.72
18	15.229	37.25	50.00	-12.75
19	16.059	37.20	50.00	-12.80
20	22.193	37.05	50.00	-12.95
21	8.729	36.90	50.00	-13.10

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

Anchor Audio
2.4 GHz Wireless Intercom
Model: BPW-300
White Lead - 120 VAC
Test Engineer: James Ross

7/05/2006 14:03:27

1 highest peaks above -50.00 dB of FCC - Class B - Average limit line
Peak criteria : 3.00 dB, Curve : Average
Peak# Freq(MHz) Amp(dBuV) Limit(dB) Delta(dB)
1 0.282 50.34 50.76 -0.42

RADIATED EMISSIONS

DATA SHEETS

FCC 15.247

Anchor Audio, Inc.
 2.4 GHz Wireless Intercom
 Model: BPW-300

Date: 06/30/06
 Lab: B
 Tested By: Kyle Fujimoto

Low Channel - X Axis
Fundamental = 2416 MHz

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4832	64.04	V	74	-9.96	Peak	2.29	90	
4832	44.04	V	54	-9.96	Avg	2.29	90	
7248	63.19	V	74	-10.81	Peak	2.25	180	
7248	43.19	V	54	-10.81	Avg	2.25	180	
9664	53.32	V	--	--	Peak	1.42	225	Not in Restricted Band
9664	33.32	V	--	--	Avg	1.42	225	Not in Restricted Band
12080	60.30	V	74	-13.7	Peak	1.26	225	
12080	40.30	V	54	-13.7	Avg	1.26	225	
14496	60.24	V	74	-13.76	Peak	2.09	135	
14496	40.24	V	54	-13.76	Avg	2.09	135	
16912	56.52	V	--	--	Peak	1.48	135	
16912	36.52	V	--	--	Avg	1.48	135	
19328		V	74	-74	Peak			No Emissions
19328		V	54	-54	Avg			Detected
21744		V	74	-74	Peak			No Emissions
21744		V	54	-54	Avg			Detected
24160		V	74	-74	Peak			No Emissions
24160		V	54	-54	Avg			Detected

FCC 15.247

Anchor Audio, Inc.
 2.4 GHz Wireless Intercom
 Model: BPW-300

Date: 06/30/06
 Lab: B
 Tested By: Kyle Fujimoto

Low Channel - X Axis
Fundamental = 2416 MHz

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4832	67.89	H	74	-6.11	Peak	2.43	315	
4832	47.89	H	54	-6.11	Avg	2.43	315	
7248	65.50	H	74	-8.5	Peak	2.55	90	
7248	45.50	H	54	-8.5	Avg	2.55	90	
9664	52.48	H	--	--	Peak	1.66	135	Not in Restricted Band
9664	32.48	H	--	--	Avg	1.66	135	Not in Restricted Band
12080	60.85	H	74	-13.15	Peak	1.76	90	
12080	40.85	H	54	-13.15	Avg	1.76	90	
14496	59.53	H	74	-14.47	Peak	1.76	135	
14496	39.53	H	54	-14.47	Avg	1.76	135	
16912	57.76	H	--	--	Peak	1.76	135	
16912	37.76	H	--	--	Avg	1.76	135	
19328		H	74	-74	Peak			No Emissions
19328		H	54	-54	Avg			Detected
21744		H	74	-74	Peak			No Emissions
21744		H	54	-54	Avg			Detected
24160		H	74	-74	Peak			No Emissions
24160		H	54	-54	Avg			Detected

FCC 15.247

Anchor Audio, Inc.
 2.4 GHz Wireless Intercom
 Model: BPW-300

Date: 06/30/06

Lab: B

Tested By: Kyle Fujimoto

Low Channel - Y Axis

Fundamental = 2416 MHz

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4832	63.77	V	74	-10.23	Peak	2.63	45	
4832	43.77	V	54	-10.23	Avg	2.63	45	
7248	63.70	V	74	-10.3	Peak	1.86	315	
7248	43.70	V	54	-10.3	Avg	1.86	315	
9664	53.34	V	--	--	Peak	1.86	315	Not in Restricted Band
9664	33.34	V	--	--	Avg	1.86	315	Not in Restricted Band
12080	57.83	V	74	-16.17	Peak	2.64	315	
12080	37.83	V	54	-16.17	Avg	2.64	315	
14496	58.29	V	74	-15.71	Peak	1.65	270	
14496	38.29	V	54	-15.71	Avg	1.65	270	
16912	57.99	V	--	--	Peak	1.65	270	
16912	37.99	V	--	--	Avg	1.65	270	
19328		V	74	-74	Peak			No Emissions
19328		V	54	-54	Avg			Detected
21744		V	74	-74	Peak			No Emissions
21744		V	54	-54	Avg			Detected
24160		V	74	-74	Peak			No Emissions
24160		V	54	-54	Avg			Detected

FCC 15.247

Anchor Audio, Inc.
 2.4 GHz Wireless Intercom
 Model: BPW-300

Date: 06/30/06
 Lab: B
 Tested By: Kyle Fujimoto

Low Channel - Y Axis
Fundamental = 2416 MHz

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4832	66.05	H	74	-7.95	Peak	2.88	225	
4832	46.05	H	54	-7.95	Avg	2.88	225	
7248	63.83	H	74	-10.17	Peak	2.28	45	
7248	43.83	H	54	-10.17	Avg	2.28	45	
9664	51.79	H	--	--	Peak	1.37	135	Not in Restricted Band
9664	31.79	H	--	--	Avg	1.37	135	Not in Restricted Band
12080	58.31	H	74	-15.69	Peak	2.45	180	
12080	38.31	H	54	-15.69	Avg	2.45	180	
14496	58.87	H	74	-15.13	Peak	2.23	90	
14496	38.87	H	54	-15.13	Avg	2.23	90	
16912	56.21	H	--	--	Peak	1.73	180	No Emissions
16912	36.21	H	--	--	Avg	1.73	180	Detected
19328		H	74	-74	Peak			No Emissions
19328		H	54	-54	Avg			Detected
21744		H	74	-74	Peak			No Emissions
21744		H	54	-54	Avg			Detected
24160		H	74	-74	Peak			No Emissions
24160		H	54	-54	Avg			Detected

FCC 15.247

Anchor Audio, Inc.
 2.4 GHz Wireless Intercom
 Model: BPW-300

Date: 06/30/06
 Lab: B
 Tested By: Kyle Fujimoto

Low Channel - Z Axis
Fundamental = 2416 MHz

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4832	54.01	V	74	-19.99	Peak	1.67	135	
4832	34.01	V	54	-19.99	Avg	1.67	135	
7248	65.82	V	74	-8.18	Peak	2.44	135	
7248	45.82	V	54	-8.18	Avg	2.44	135	
9664	52.15	V	--	--	Peak	1.07	135	Not in Restricted Band
9664	32.15	V	--	--	Avg	1.07	135	Not in Restricted Band
12080	60.21	V	74	-13.79	Peak	1.83	225	
12080	40.21	V	54	-13.79	Avg	1.83	225	
14496	58.48	V	74	-15.52	Peak	1.67	135	
14496	38.48	V	54	-15.52	Avg	1.67	135	
16912	56.75	V	--	--	Peak	1	225	
16912	36.75	V	--	--	Avg	1	225	
19328		V	74	-74	Peak			No Emissions
19328		V	54	-54	Avg			Detected
21744		V	74	-74	Peak			No Emissions
21744		V	54	-54	Avg			Detected
24160		V	74	-74	Peak			No Emissions
24160		V	54	-54	Avg			Detected

FCC 15.247

Anchor Audio, Inc.
 2.4 GHz Wireless Intercom
 Model: BPW-300

Date: 06/30/06
 Lab: B
 Tested By: Kyle Fujimoto

Low Channel - Z Axis
Fundamental = 2416 MHz

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4832	67.42	H	74	-6.58	Peak	2.13	225	
4832	47.42	H	54	-6.58	Avg	2.13	225	
7248	63.61	H	74	-10.39	Peak	2.48	135	
7248	43.61	H	54	-10.39	Avg	2.48	135	
9664	53.62	H	--	--	Peak	2.28	225	Not in Restricted Band
9664	33.62	H	--	--	Avg	2.28	225	Not in Restricted Band
12080	61.95	H	74	-12.05	Peak	2.59	225	
12080	41.95	H	54	-12.05	Avg	2.59	225	
14496	59.69	H	74	-14.31	Peak	1.99	135	
14496	39.69	H	54	-14.31	Avg	1.99	135	
16912	57.93	H	--	--	Peak	1.71	225	No Emissions
16912	37.93	H	--	--	Avg	1.71	225	Detected
19328		H	74	-74	Peak			No Emissions
19328		H	54	-54	Avg			Detected
21744		H	74	-74	Peak			No Emissions
21744		H	54	-54	Avg			Detected
24160		H	74	-74	Peak			No Emissions
24160		H	54	-54	Avg			Detected

Anchor Audio, Inc.
2.4 GHz Wireless Intercom
Model: BPW-300

Date: 06/28/06
Lab: B
Tested By: Kyle Fujimoto

Receiver Portion -- Low Channel -- Vertical and Horizontal Polarization

[illegible]

Anchor Audio, Inc.
2.4 GHz Wireless Intercom
Model: BPW-300

Lab: B

[illegible]

FCC 15.247

Anchor Audio, Inc.
 2.4 GHz Wireless Intercom
 Model: BPW-300

Date: 06/30/06
 Lab: B
 Tested By: Kyle Fujimoto

Middle Channel - X Axis
Fundamental = 2432 MHz

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4864	67.72	V	74	-6.28	Peak	1.28	180	
4864	47.72	V	54	-6.28	Avg	1.28	180	
7296	67.72	V	74	-6.28	Peak	2.62	315	
7296	47.72	V	54	-6.28	Avg	2.62	315	
9728	52.95	V	--	--	Peak	2.12	90	Not in Restricted Band
9728	32.95	V	--	--	Avg	2.12	90	Not in Restricted Band
12160	62.70	V	74	-11.3	Peak	1.64	45	
12160	42.70	V	54	-11.3	Avg	1.64	45	
14592	59.22	V	74	-14.78	Peak	1.57	315	
14592	39.22	V	54	-14.78	Avg	1.57	315	
17024		V	--	--	Peak			No Emissions
17024		V	--	--	Avg			Detected
19456		V	74	-74	Peak			No Emissions
19456		V	54	-54	Avg			Detected
21888		V	74	-74	Peak			No Emissions
21888		V	54	-54	Avg			Detected
24320		V	74	-74	Peak			No Emissions
24320		V	54	-54	Avg			Detected

FCC 15.247

Anchor Audio, Inc.
 2.4 GHz Wireless Intercom
 Model: BPW-300

Date: 06/30/06
 Lab: B
 Tested By: Kyle Fujimoto

Middle Channel - X Axis
Fundamental = 2432 MHz

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4864	65.69	H	74	-8.31	Peak	1.74	135	
4864	45.69	H	54	-8.31	Avg	1.74	135	
7296	67.58	H	74	-6.42	Peak	1.33	90	
7296	47.58	H	54	-6.42	Avg	1.33	90	
9728	53.10	H	--	--	Peak	1.31	225	Not in Restricted Band
9728	33.10	H	--	--	Avg	1.31	225	Not in Restricted Band
12160	58.52	H	74	-15.48	Peak	2.37	45	
12160	38.52	H	54	-15.48	Avg	2.37	45	
14592	55.98	H	74	-18.02	Peak	1.77	45	
14592	35.98	H	54	-18.02	Avg	1.77	45	
17024	58.11	H	--	--	Peak	1.77	135	
17024	38.11	H	--	--	Avg	1.77	135	
19456		H	74	-74	Peak			No Emissions
19456		H	54	-54	Avg			Detected
21888		H	74	-74	Peak			No Emissions
21888		H	54	-54	Avg			Detected
24320		H	74	-74	Peak			No Emissions
24320		H	54	-54	Avg			Detected

FCC 15.247

Anchor Audio, Inc.
 2.4 GHz Wireless Intercom
 Model: BPW-300

Date: 06/30/06

Lab: B

Tested By: Kyle Fujimoto

Middle Channel - Y Axis**Fundamental = 2432 MHz**

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4864	67.06	V	74	-6.94	Peak	1.31	135	
4864	47.06	V	54	-6.94	Avg	1.31	135	
7296	65.48	V	74	-8.52	Peak	1.49	135	
7296	45.48	V	54	-8.52	Avg	1.49	135	
9728	56.09	V	--	--	Peak	2.34	180	Not in Restricted Band
9728	36.09	V	--	--	Avg	2.34	180	Not in Restricted Band
12160	57.26	V	74	-16.74	Peak	1.65	225	
12160	37.26	V	54	-16.74	Avg	1.65	225	
14592	58.51	V	74	-15.49	Peak	1.42	135	
14592	38.51	V	54	-15.49	Avg	1.42	135	
17024		V	--	--	Peak			No Emissions
17024	-20.00	V	--	--	Avg			Detected
19456		V	74	-74	Peak			No Emissions
19456		V	54	-54	Avg			Detected
21888		V	74	-74	Peak			No Emissions
21888		V	54	-54	Avg			Detected
24320		V	74	-74	Peak			No Emissions
24320		V	54	-54	Avg			Detected

FCC 15.247

Anchor Audio, Inc.
 2.4 GHz Wireless Intercom
 Model: BPW-300

Date: 06/30/06
 Lab: B
 Tested By: Kyle Fujimoto

Middle Channel - Y Axis
Fundamental = 2432 MHz

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4864	65.21	H	74	-8.79	Peak	1.83	135	
4864	45.21	H	54	-8.79	Avg	1.83	135	
7296	65.61	H	74	-8.39	Peak	1.91	225	
7296	45.61	H	54	-8.39	Avg	1.91	225	
9728	53.30	H	--	--	Peak	1.91	270	Not in Restricted Band
9728	33.30	H	--	--	Avg	1.91	270	Not in Restricted Band
12160	55.12	H	74	-18.88	Peak	2.11	45	
12160	35.12	H	54	-18.88	Avg	2.11	45	
14592	57.89	H	74	-16.11	Peak	1.11	225	
14592	37.89	H	54	-16.11	Avg	1.11	225	
17024	56.60	H	--	--	Peak	1.15	135	
17024	36.60	H	--	--	Avg	1.15	135	
19456		H	74	-74	Peak			No Emissions
19456		H	54	-54	Avg			Detected
21888		H	74	-74	Peak			No Emissions
21888		H	54	-54	Avg			Detected
24320		H	74	-74	Peak			No Emissions
24320		H	54	-54	Avg			Detected

FCC 15.247

Anchor Audio, Inc.
 2.4 GHz Wireless Intercom
 Model: BPW-300

Date: 06/30/06

Lab: B

Tested By: Kyle Fujimoto

Middle Channel - Z Axis
Fundamental = 2432 MHz

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4864	67.18	V	74	-6.82	Peak	1.92	225	
4864	47.18	V	54	-6.82	Avg	1.92	225	
7296	67.64	V	74	-6.36	Peak	2.45	315	
7296	47.64	V	54	-6.36	Avg	2.45	315	
9728	52.57	V	--	--	Peak	1.48	135	Not in Restricted Band
9728	32.57	V	--	--	Avg	1.48	135	Not in Restricted Band
12160	61.08	V	74	-12.92	Peak	1.57	45	
12160	41.08	V	54	-12.92	Avg	1.57	45	
14592	56.87	V	74	-17.13	Peak	1.46	135	
14592	36.87	V	54	-17.13	Avg	1.46	135	
17024	57.51	V	--	--	Peak	1.38	135	
17024	37.51	V	--	--	Avg	1.38	135	
19456		V	74	-74	Peak			No Emissions
19456		V	54	-54	Avg			Detected
21888		V	74	-74	Peak			No Emissions
21888		V	54	-54	Avg			Detected
24320		V	74	-74	Peak			No Emissions
24320		V	54	-54	Avg			Detected

FCC 15.247

Anchor Audio, Inc.
 2.4 GHz Wireless Intercom
 Model: BPW-300

Date: 06/30/06

Lab: B

Tested By: Kyle Fujimoto

Middle Channel - Z Axis
Fundamental = 2432 MHz

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4864	66.89	H	74	-7.11	Peak	1.58	135	
4864	46.89	H	54	-7.11	Avg	1.58	135	
7296	65.11	H	74	-8.89	Peak	349	135	
7296	45.11	H	54	-8.89	Avg	3.49	135	
9728	54.03	H	--	--	Peak	2.11	180	Not in Restricted Band
9728	34.03	H	--	--	Avg	2.11	180	Not in Restricted Band
12160	56.48	H	74	-17.52	Peak	2.76	225	
12160	36.48	H	54	-17.52	Avg	2.76	225	
14592	56.08	H	74	-17.92	Peak	2.25	135	
14592	36.08	H	54	-17.92	Avg	2.25	135	
17024	58.06	H	--	--	Peak	1.98		No Emissions
17024	38.06	H	--	--	Avg	1.98		Detected
19456		H	74	-74	Peak			No Emissions
19456		H	54	-54	Avg			Detected
21888		H	74	-74	Peak			No Emissions
21888		H	54	-54	Avg			Detected
24320		H	74	-74	Peak			No Emissions
24320		H	54	-54	Avg			Detected

Anchor Audio, Inc.
2.4 GHz Wireless Intercom
Model: BPW-300

Date: 06/28/06
Lab: B
Tested By: Kyle Fujimoto

Receiver Portion -- Middle Channel -- Vertical and Horizontal Polarization

[illegible]

Anchor Audio, Inc.
2.4 GHz Wireless Intercom
Model: BPW-300

Date: 06/28/06

Tested By: Kyle Fujimoto

Digital Portion -- High Channel -- Vertical and Horizontal Polarization

[illegible]

FCC 15.247

Anchor Audio, Inc.
 2.4 GHz Wireless Intercom
 Model: BPW-300

Date: 06/30/06
 Lab: B
 Tested By: Kyle Fujimoto

High Channel - X Axis
Fundamental = 2449 MHz

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4898	68.61	V	74	-5.39	Peak	2.42	135	
4898	48.61	V	54	-5.39	Avg	2.42	135	
7347	73.03	V	74	-0.97	Peak	2.88	315	
7347	53.03	V	54	-0.97	Avg	2.88	315	
9796	54.85	V	--	--	Peak	1.43	135	Not in Restricted Band
9796	34.85	V	--	--	Avg	1.43	135	Not in Restricted Band
12245	62.05	V	74	-11.95	Peak	2.63	225	
12245	42.05	V	54	-11.95	Avg	2.63	225	
14694	59.65	V	74	-14.35	Peak	2.27	315	
14694	39.65	V	54	-14.35	Avg	2.27	315	
17143		V	--	--	Peak			No Emissions
17143		V	--	--	Avg			Detected
19592		V	74	-74	Peak			No Emissions
19592		V	54	-54	Avg			Detected
22041		V	74	-74	Peak			No Emissions
22041		V	54	-54	Avg			Detected
24490		V	74	-74	Peak			No Emissions
24490		V	54	-54	Avg			Detected

FCC 15.247

Anchor Audio, Inc.
 2.4 GHz Wireless Intercom
 Model: BPW-300

Date: 06/30/06
 Lab: B
 Tested By: Kyle Fujimoto

High Channel - X Axis
Fundamental = 2449 MHz

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4898	64.80	H	74	-9.2	Peak	1.61	180	
4898	44.80	H	54	-9.2	Avg	1.61	180	
7347	67.87	H	74	-6.13	Peak	2.78	135	
7347	47.87	H	54	-6.13	Avg	2.78	135	
9796	55.00	H	--	--	Peak	1.61	315	Not in Restricted Band
9796	35.00	H	--	--	Avg	1.61	315	Not in Restricted Band
12245	60.69	H	74	-13.31	Peak	1.9	315	
12245	40.69	H	54	-13.31	Avg	1.9	315	
14694	56.97	H	74	-17.03	Peak	2.27	135	
14694	36.97	H	54	-17.03	Avg	2.27	135	
17143	58.58	H	--	--	Peak	2.27	315	
17143	38.58	H	--	--	Avg	2.27	315	
19592		H	74	-74	Peak			No Emissions
19592		H	54	-54	Avg			Detected
22041		H	74	-74	Peak			No Emissions
22041		H	54	-54	Avg			Detected
24490		H	74	-74	Peak			No Emissions
24490		H	54	-54	Avg			Detected

FCC 15.247

Anchor Audio, Inc.
 2.4 GHz Wireless Intercom
 Model: BPW-300

Date: 06/30/06
 Lab: B
 Tested By: Kyle Fujimoto

High Channel - Y Axis
Fundamental = 2449 MHz

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4898	66.31	V	74	-7.69	Peak	2.07	135	
4898	46.31	V	54	-7.69	Avg	2.07	135	
7347	70.89	V	74	-3.11	Peak	2.17	225	
7347	50.89	V	54	-3.11	Avg	2.17	225	
9796	56.89	V	--	--	Peak	2.43	225	Not in Restricted Band
9796	36.89	V	--	--	Avg	2.43	225	Not in Restricted Band
12245	59.17	V	74	-14.83	Peak	2.48	225	
12245	39.17	V	54	-14.83	Avg	2.48	225	
14694	57.99	V	74	-16.01	Peak	1.78	225	
14694	37.99	V	54	-16.01	Avg	1.78	225	
17143	57.30	V	--	--	Peak	1.78	135	No Emissions
17143	37.30	V	--	--	Avg	1.78	135	Detected
19592		V	74	-74	Peak			No Emissions
19592		V	54	-54	Avg			Detected
22041		V	74	-74	Peak			No Emissions
22041		V	54	-54	Avg			Detected
24490		V	74	-74	Peak			No Emissions
24490		V	54	-54	Avg			Detected

FCC 15.247

Anchor Audio, Inc.
 2.4 GHz Wireless Intercom
 Model: BPW-300

Date: 06/30/06

Lab: B

Tested By: Kyle Fujimoto

High Channel - Y Axis

Fundamental = 2449 MHz

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4898	62.60	H	74	-11.4	Peak	3.09	270	
4898	42.60	H	54	-11.4	Avg	3.09	270	
7347	69.62	H	74	-4.38	Peak	2.9	270	
7347	49.62	H	54	-4.38	Avg	2.9	270	
9796	53.81	H	--	--	Peak	2.47	180	Not in Restricted Band
9796	33.81	H	--	--	Avg	2.47	180	Not in Restricted Band
12245	55.70	H	74	-18.3	Peak	2.47	45	
12245	35.70	H	54	-18.3	Avg	2.47	45	
14694	57.23	H	74	-16.77	Peak	2.19	135	
14694	37.23	H	54	-16.77	Avg	2.19	135	
17143	58.35	H	--	--	Peak	2.19	135	No Emissions
17143	38.35	H	--	--	Avg	2.19	135	Detected
19592		H	74	-74	Peak			No Emissions
19592		H	54	-54	Avg			Detected
22041		H	74	-74	Peak			No Emissions
22041		H	54	-54	Avg			Detected
24490		H	74	-74	Peak			No Emissions
24490		H	54	-54	Avg			Detected

FCC 15.247

Anchor Audio, Inc.
 2.4 GHz Wireless Intercom
 Model: BPW-300

Date: 06/30/06
 Lab: B
 Tested By: Kyle Fujimoto

High Channel - Z Axis
Fundamental = 2449 MHz

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4898	61.30	V	74	-12.7	Peak	1.06	180	
4898	41.30	V	54	-12.7	Avg	1.06	180	
7347	65.62	V	74	-8.38	Peak	2.26	135	
7347	45.62	V	54	-8.38	Avg	2.26	135	
9796	55.20	V	--	--	Peak	2.36	90	Not in Restricted Band
9796	35.20	V	--	--	Avg	2.36	90	Not in Restricted Band
12245	58.17	V	74	-15.83	Peak	1.59	45	
12245	38.17	V	54	-15.83	Avg	1.59	45	
14694	56.33	V	74	-17.67	Peak	1.95	225	
14694	36.33	V	54	-17.67	Avg	1.95	225	
17143	58.41	V	--	--	Peak	1.82	135	No Emissions
17143	38.41	V	--	--	Avg	1.82	135	Detected
19592		V	74	-74	Peak			No Emissions
19592		V	54	-54	Avg			Detected
22041		V	74	-74	Peak			No Emissions
22041		V	54	-54	Avg			Detected
24490		V	74	-74	Peak			No Emissions
24490		V	54	-54	Avg			Detected

FCC 15.247

Anchor Audio, Inc.
 2.4 GHz Wireless Intercom
 Model: BPW-300

Date: 06/30/06
 Lab: B
 Tested By: Kyle Fujimoto

High Channel - Z Axis
Fundamental = 2449 MHz

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4898	68.85	H	74	-5.15	Peak	1.91	45	
4898	48.85	H	54	-5.15	Avg	1.91	45	
7347	71.28	H	74	-2.72	Peak	2.28	45	
7347	51.28	H	54	-2.72	Avg	2.28	45	
9796	55.19	H	--	--	Peak	2.84	45	Not in Restricted Band
9796	35.19	H	--	--	Avg	2.84	45	Not in Restricted Band
12245	61.28	H	74	-12.72	Peak	2.58	135	
12245	41.28	H	54	-12.72	Avg	2.58	135	
14694	56.91	H	74	-17.09	Peak	2.58	90	
14694	36.91	H	54	-17.09	Avg	2.58	90	
17143	60.23	H	--	--	Peak	2.58	180	No Emissions
17143	40.23	H	--	--	Avg	2.58	180	Detected
19592		H	74	-74	Peak			No Emissions
19592		H	54	-54	Avg			Detected
22041		H	74	-74	Peak			No Emissions
22041		H	54	-54	Avg			Detected
24490		H	74	-74	Peak			No Emissions
24490		H	54	-54	Avg			Detected

Anchor Audio, Inc.
2.4 GHz Wireless Intercom
Model: BPW-300

Date: 06/28/06
Lab: B
Tested By: Kyle Fujimoto

Digital Portion -- High Channel -- Vertical and Horizontal Polarization

[illegible]

Test Location : Compatible Electronics
Customer : Anchor Audio
Manufacturer : Anchor Audio
Eut name : 2.4 GHz Wireless Intercom
Model : BPW-300
Serial # : F605654
Specification : FCC B
Distance correction factor ($20 * \log(\text{test}/\text{spec})$) : 0.00
Test Mode : Test Type: Qualification (Spurious Emissions)
Test Range: 10 kHz to 1 GHz (Vertical and Horizontal Polarity)
Transmit Frequency: 2.4 GHz (Frequency Hopping)
Test Engineer: James Ross

Page : 1/1
Date : 7/05/2006
Time : 10:26:47
Lab : A
Test Distances : 3.0 & 10.0*

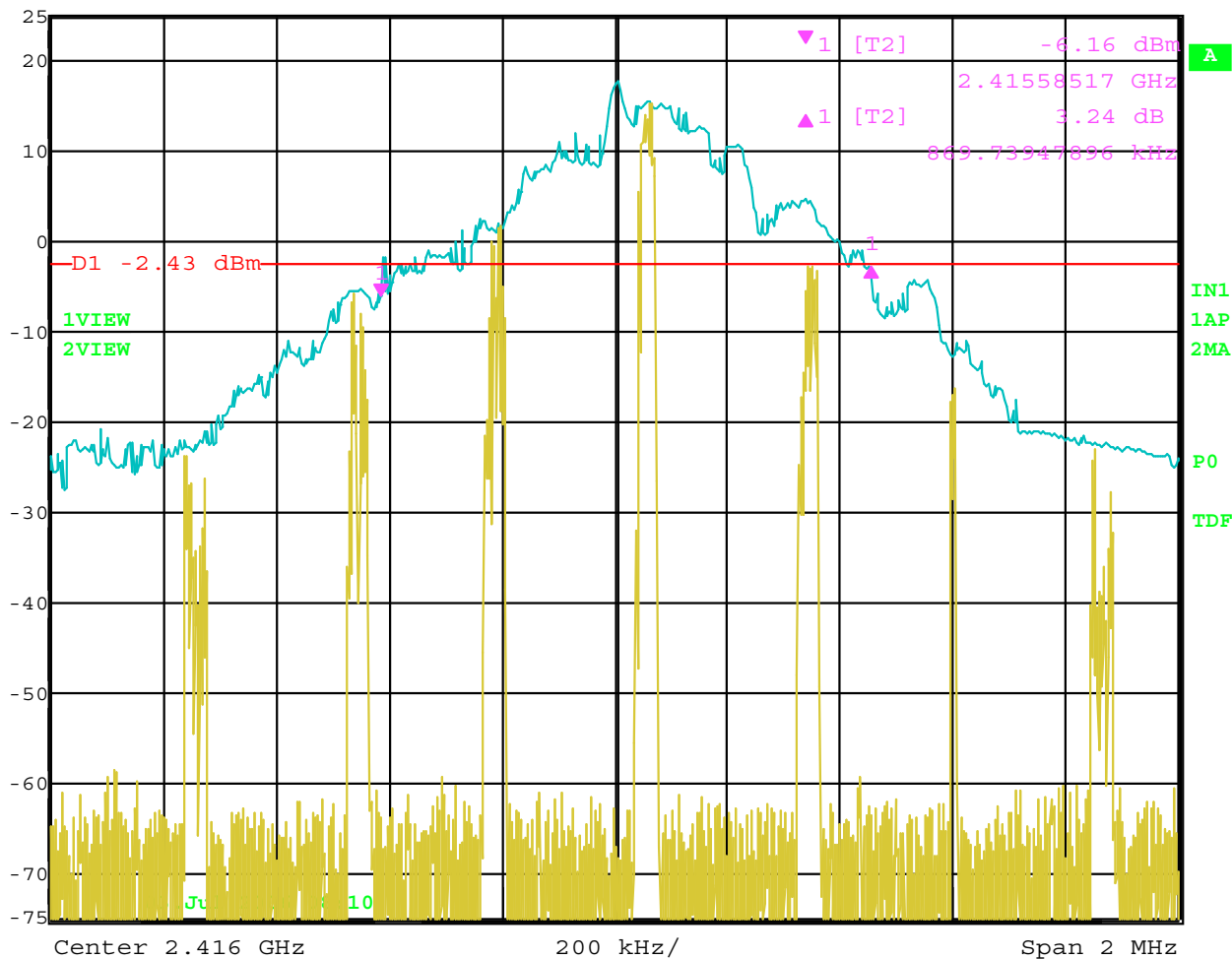
Pol	Freq MHz	Rdng dBuV	Cable loss dB	Ant factor dB	Amp gain dB	Cor'd rdg = R dBuV	Limit = L dBuV/m	Delta R-L dB
H	692.356	48.70	7.27	19.45	31.56	43.86	46.00	-2.14
H	692.358Qp	44.90	7.27	19.45	31.56	40.06	46.00	-5.94
H	692.702	45.30	7.27	19.46	31.56	40.48	46.00	-5.52
H	692.878	45.70	7.27	19.47	31.56	40.89	46.00	-5.11
H	694.096	46.60	7.28	19.51	31.55	41.84	46.00	-4.16
H	708.581	45.20	7.35	19.80	31.54	40.82	46.00	-5.18
V	692.364	42.80	7.27	19.45	31.56	37.96	46.00	-8.04
V	693.279	42.90	7.27	19.48	31.55	38.11	46.00	-7.89
V	693.941	42.40	7.28	19.51	31.55	37.64	46.00	-8.36
V	694.575	43.70	7.28	19.53	31.54	38.97	46.00	-7.03
V	708.431	41.40	7.35	19.80	31.53	37.02	46.00	-8.98

-20 dB BANDWIDTH

DATA SHEETS



Delta 1 [T2] RBW 30 kHz RF Att 40 dB
Ref Lvl 3.24 dB VBW 100 kHz
25 dBm 869.73947896 kHz SWT 6 ms Unit dBm

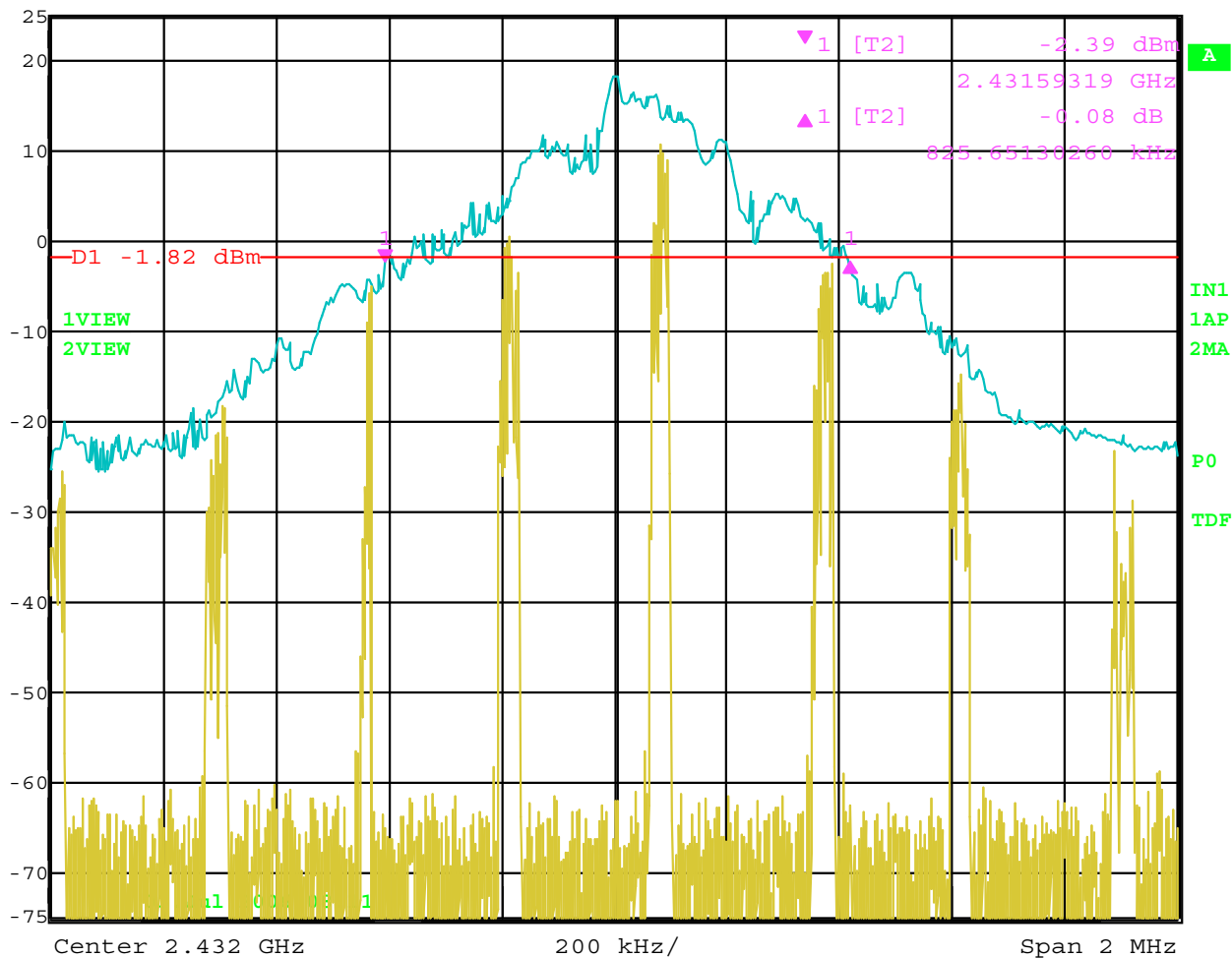


Date: 3.JUL.2006 08:10:16

-20 dB Bandwidth – Low Channel



Ref Lvl	Delta 1 [T2]	RBW	30 kHz	RF Att	40 dB
25 dBm	-0.08 dB	VBW	100 kHz		
	825.65130260 kHz	SWT	6 ms	Unit	dBm

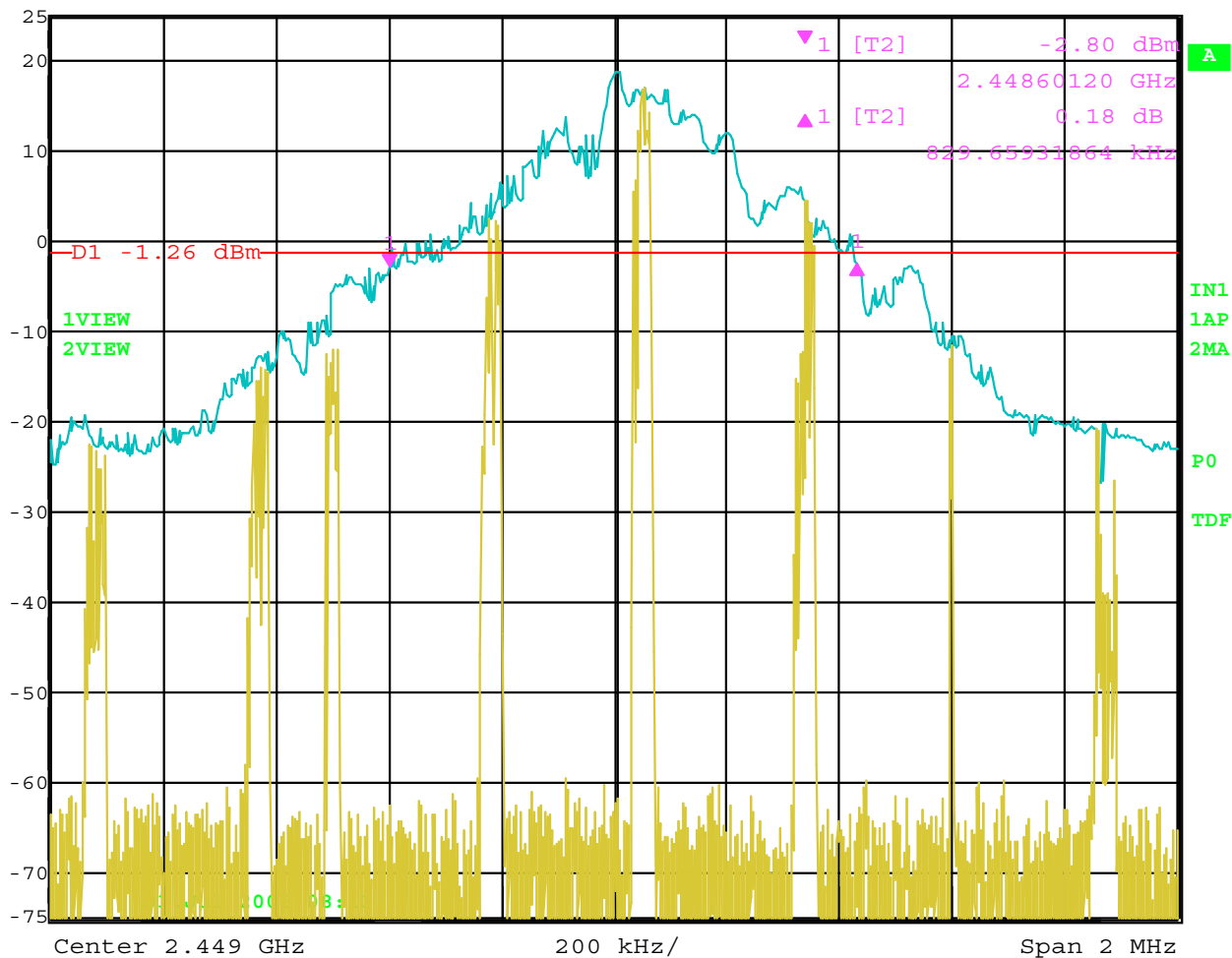


Date: 3.JUL.2006 08:11:46

-20 dB Bandwidth – Middle Channel



Delta 1 [T2] RBW 30 kHz RF Att 40 dB
Ref Lvl 0.18 dB VBW 100 kHz
25 dBm 829.65931864 kHz SWT 6 ms Unit dBm



Date: 3.JUL.2006 08:13:06

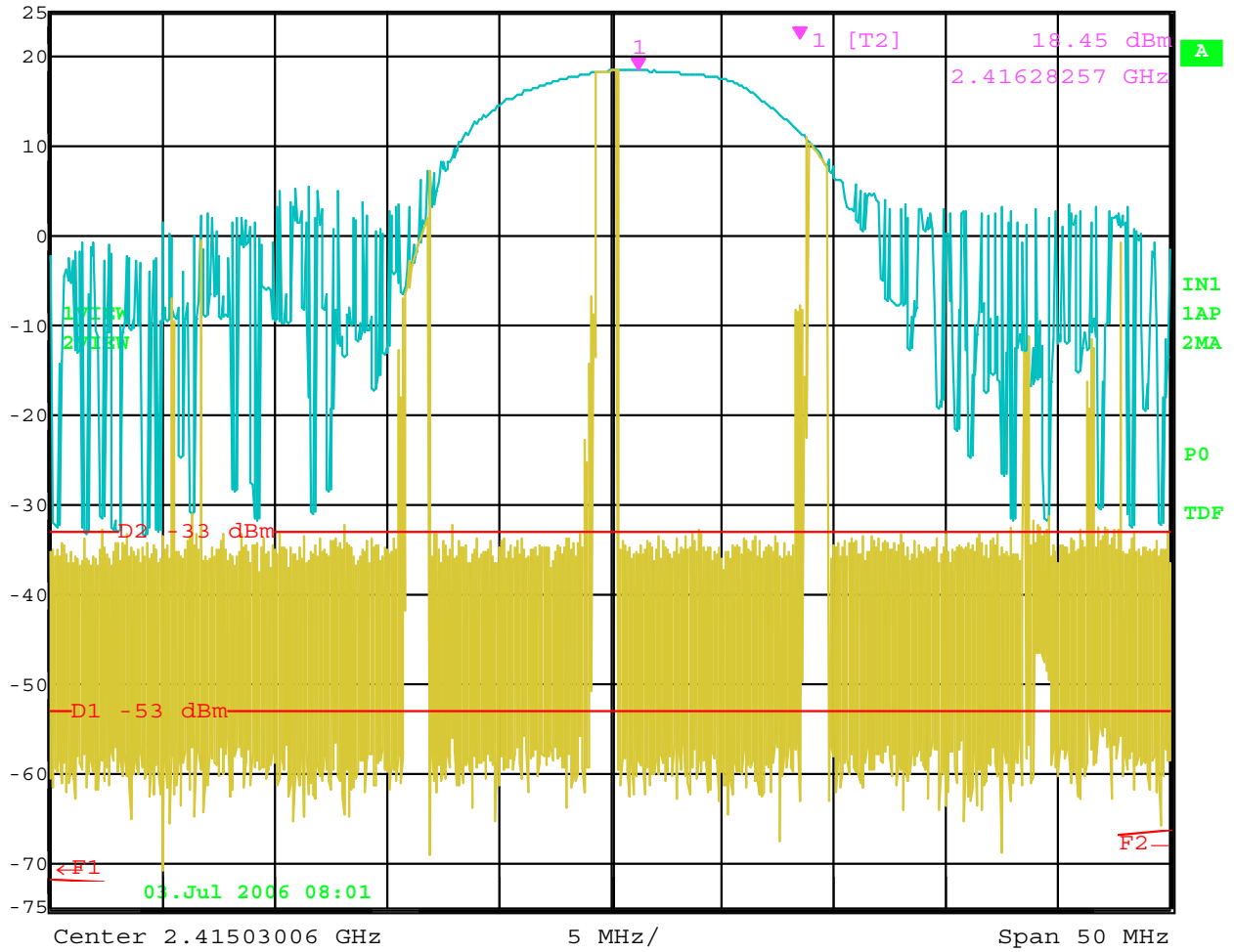
-20 dB Bandwidth – High Channel

PEAK POWER OUTPUT

DATA SHEETS



Marker 1 [T2] RBW 10 MHz RF Att 40 dB
Ref Lvl 18.45 dBm VBW 10 MHz
25 dBm 2.41628257 GHz SWT 5 ms Unit dBm

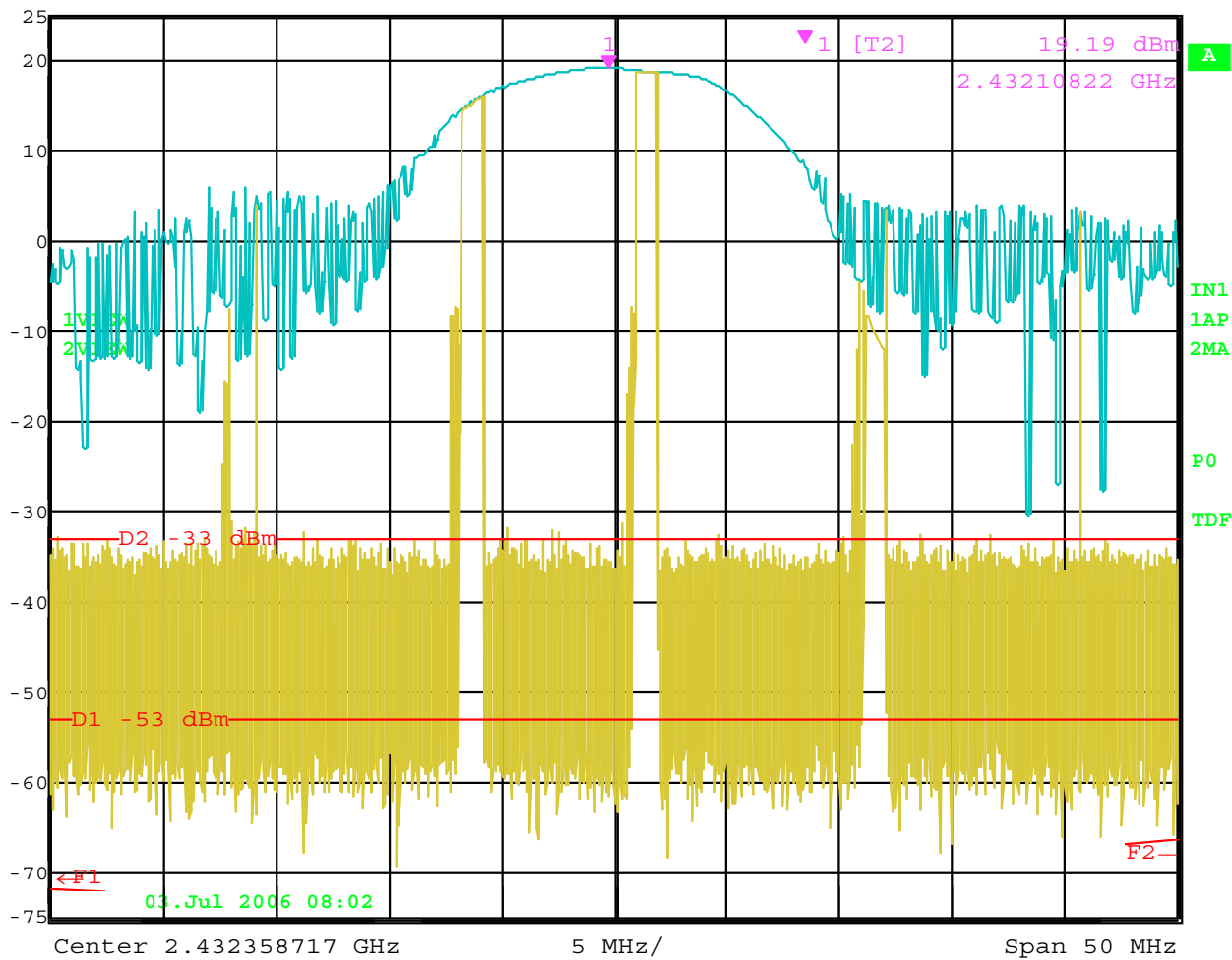


Date: 3.JUL.2006 08:01:21

Peak Power Output – Low Channel



Marker 1 [T2] RBW 10 MHz RF Att 40 dB
Ref Lvl 19.19 dBm VBW 10 MHz
25 dBm 2.43210822 GHz SWT 5 ms Unit dBm

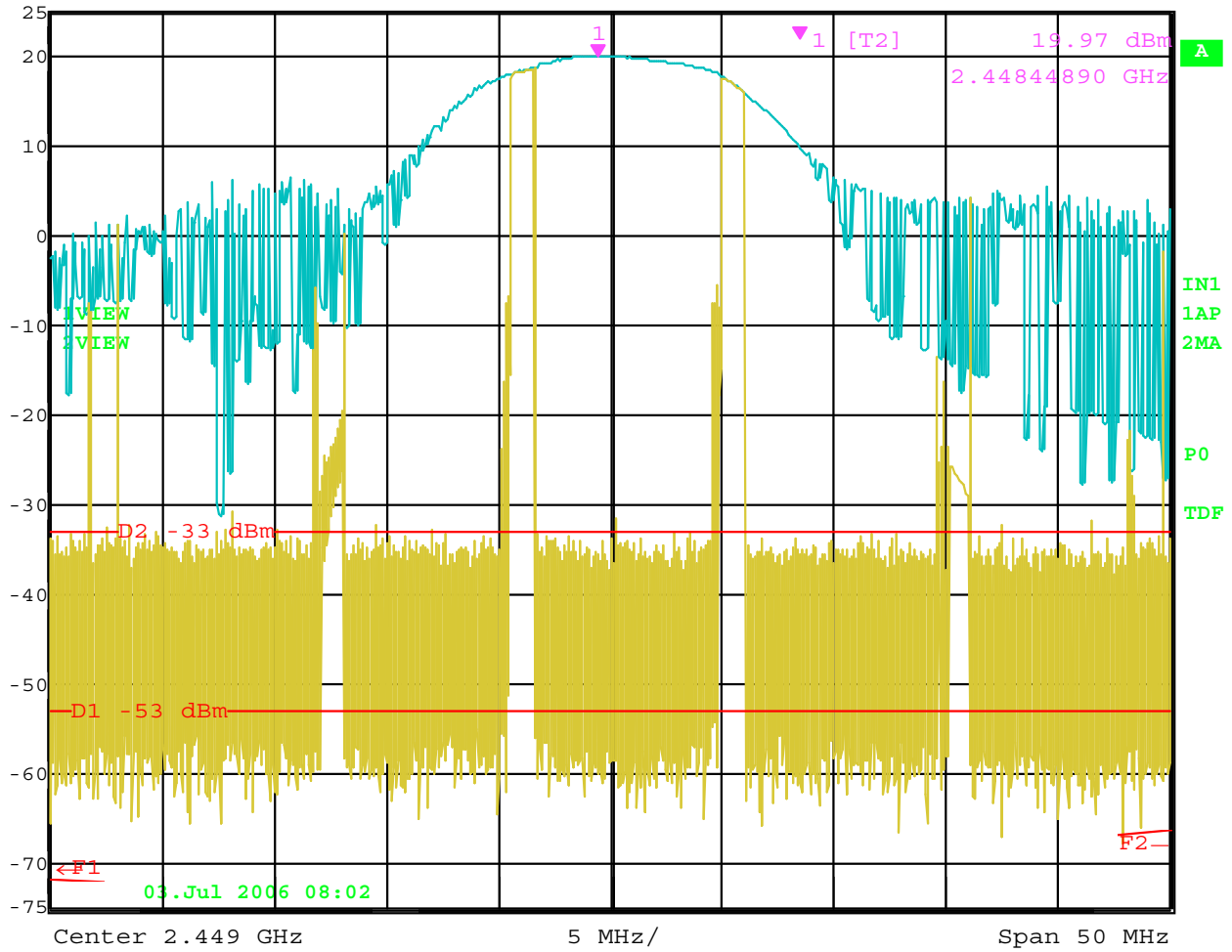


Date: 3.JUL.2006 08:03:00

Peak Power Output – Middle Channel



Marker 1 [T2] RBW 10 MHz RF Att 40 dB
Ref Lvl 19.97 dBm VBW 10 MHz
25 dBm 2.44844890 GHz SWT 5 ms Unit dBm



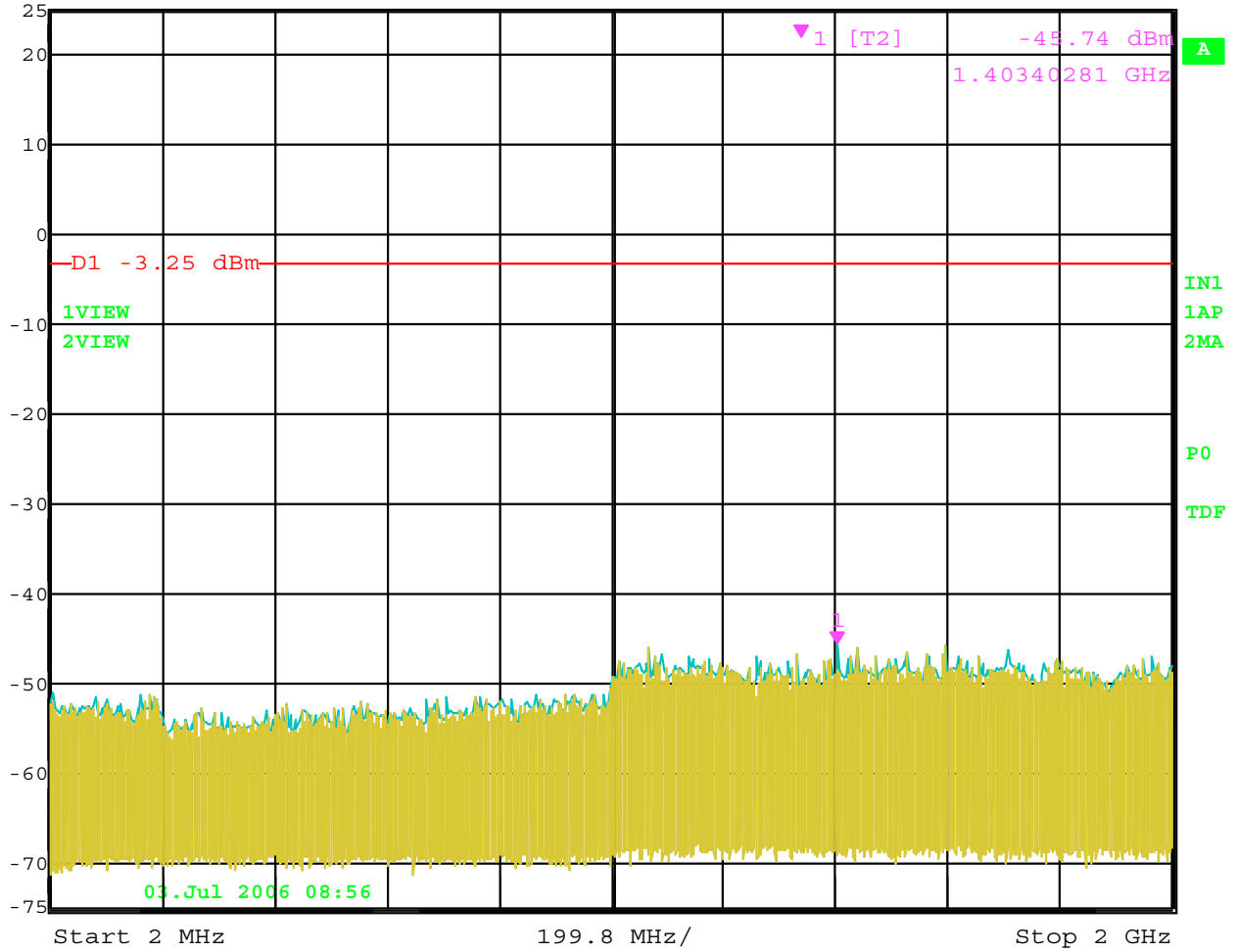
Date: 3.JUL.2006 08:02:22

Peak Power Output – High Channel

RF CONDUCTED ANTENNA TEST
DATA SHEETS



Ref Lvl 25 dBm Marker 1 [T2] RBW 100 kHz RF Att 40 dB
-45.74 dBm VBW 300 kHz
1.40340281 GHz SWT 1.15 s Unit dBm

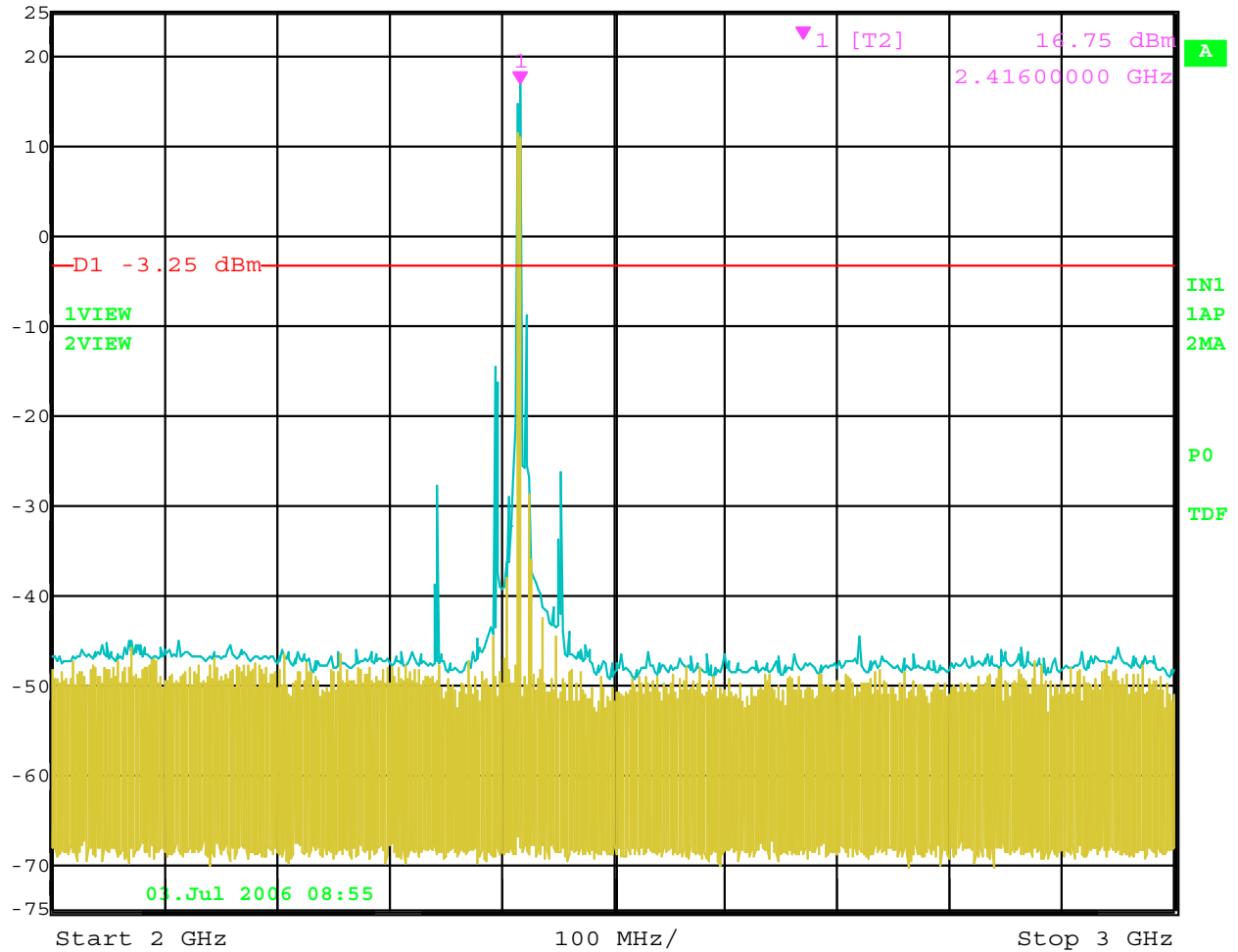


Date: 3.JUL.2006 08:56:06

RF Antenna Conducted Test – Low Channel – 2 MHz to 2 GHz



Marker 1 [T2] RBW 100 kHz RF Att 40 dB
Ref Lvl 16.75 dBm VBW 300 kHz
25 dBm 2.41600000 GHz SWT 250 ms Unit dBm

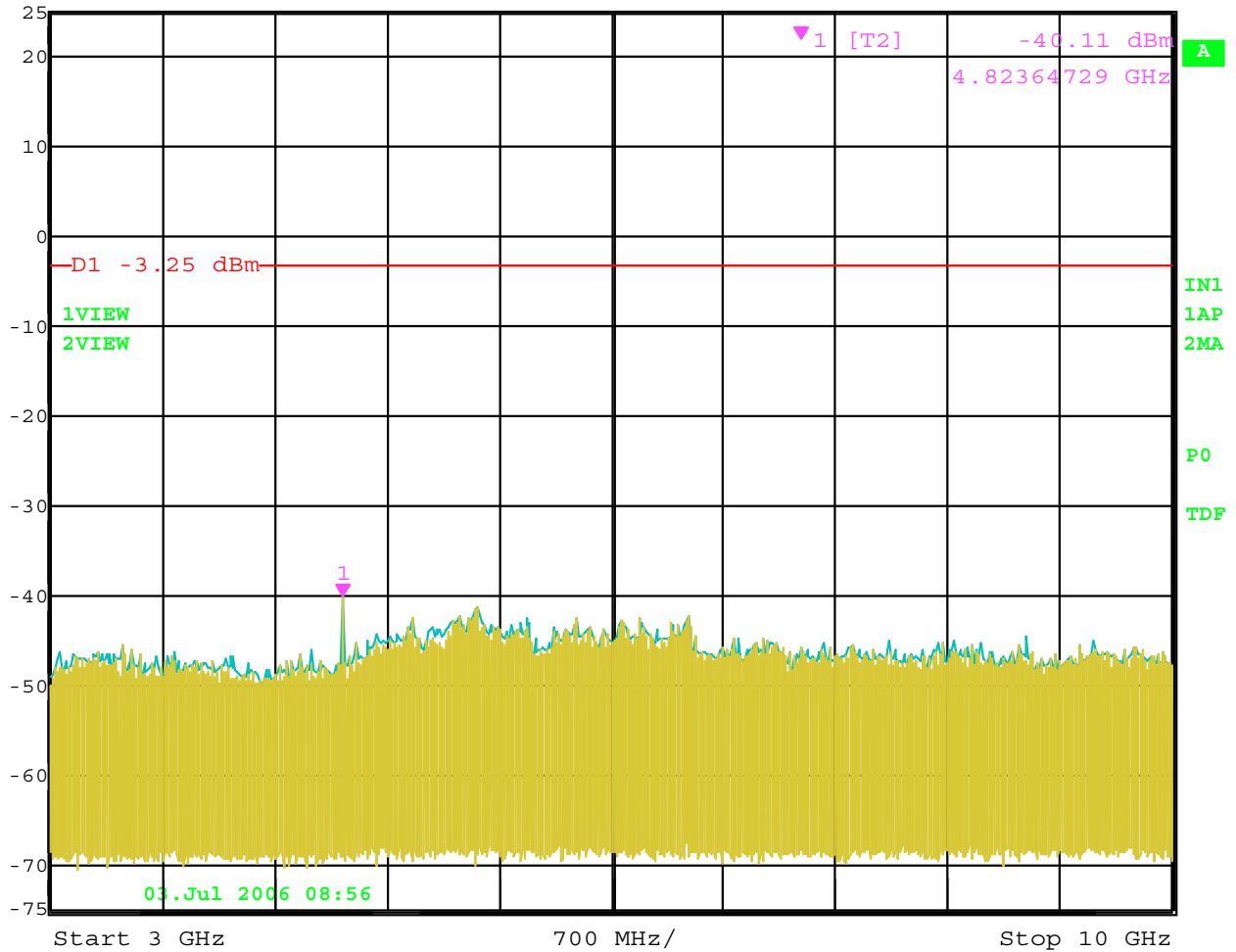


Date: 3.JUL.2006 08:55:30

RF Antenna Conducted Test – Low Channel – 2 GHz to 3 GHz



Marker 1 [T2] RBW 100 kHz RF Att 40 dB
Ref Lvl -40.11 dBm VBW 300 kHz
25 dBm 4.82364729 GHz SWT 1.75 s Unit dBm

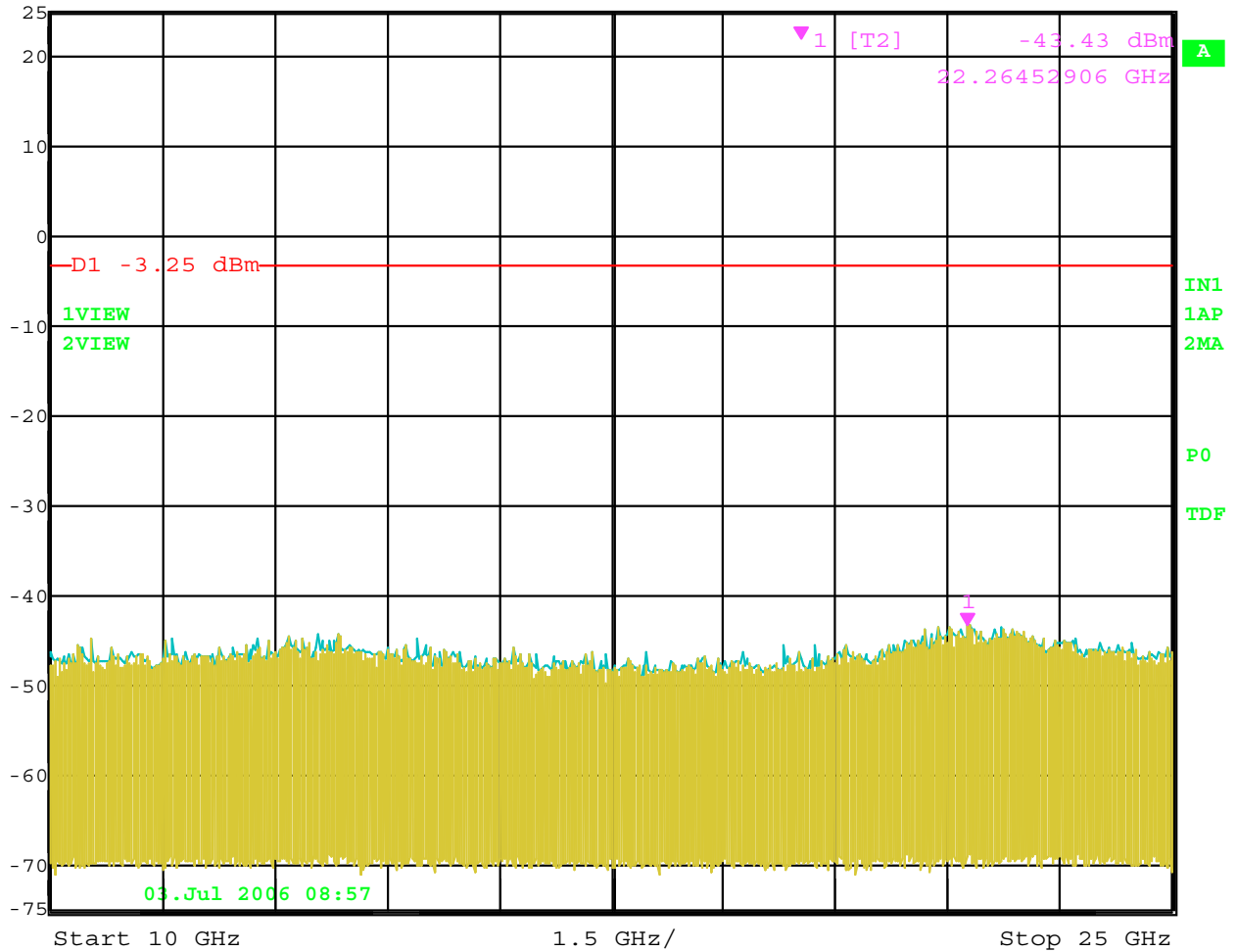


Date: 3.JUL.2006 08:56:47

RF Antenna Conducted Test – Low Channel – 3 GHz to 10 GHz



Ref Lvl 25 dBm Marker 1 [T2] RBW 100 kHz RF Att 40 dB
-43.43 dBm VBW 300 kHz
22.26452906 GHz SWT 3.8 s Unit dBm

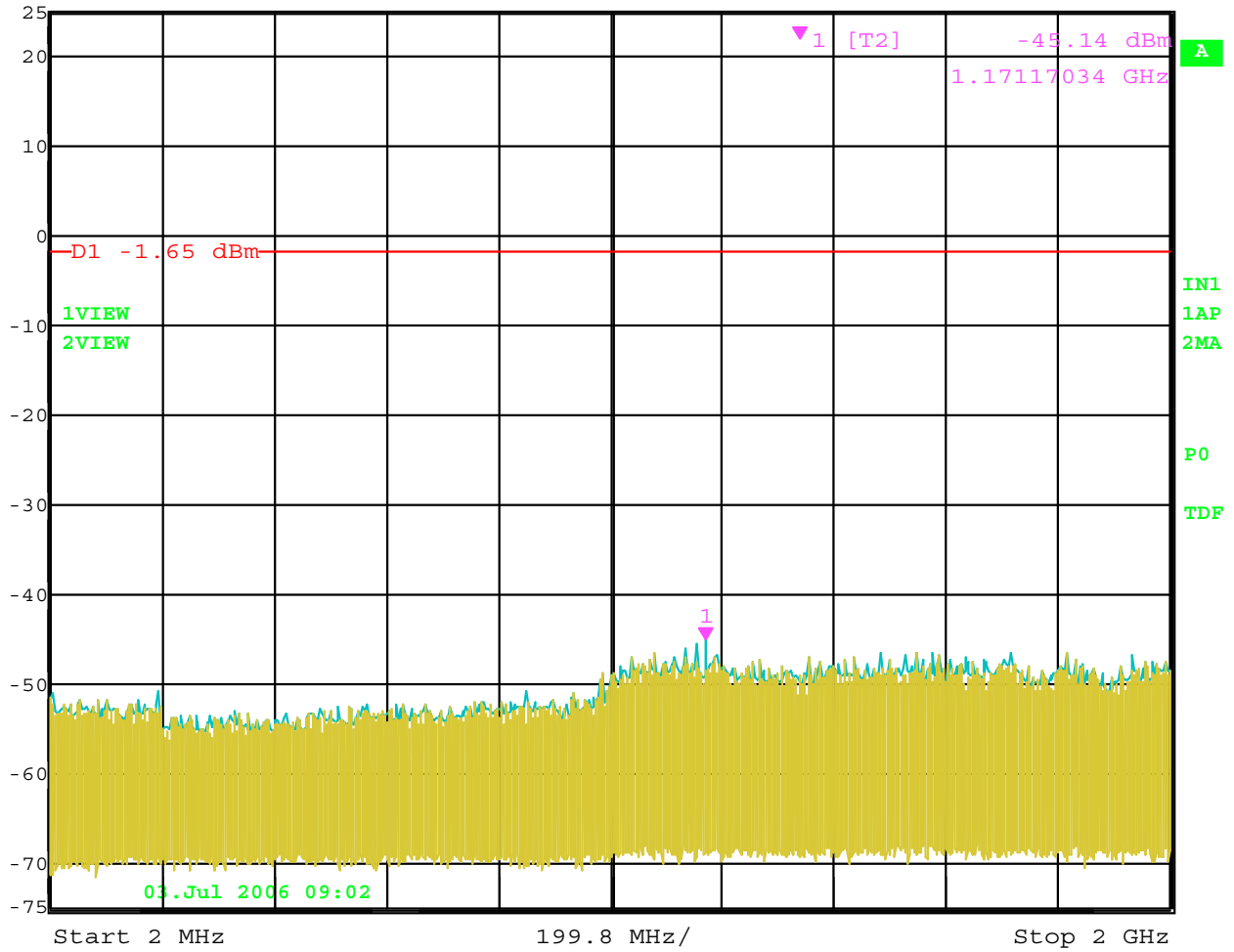


Date: 3.JUL.2006 08:57:41

RF Antenna Conducted Test – Low Channel – 10 GHz to 25 GHz



Ref Lvl 25 dBm Marker 1 [T2] RBW 100 kHz RF Att 40 dB
-45.14 dBm VBW 300 kHz
1.17117034 GHz SWT 1.15 s Unit dBm

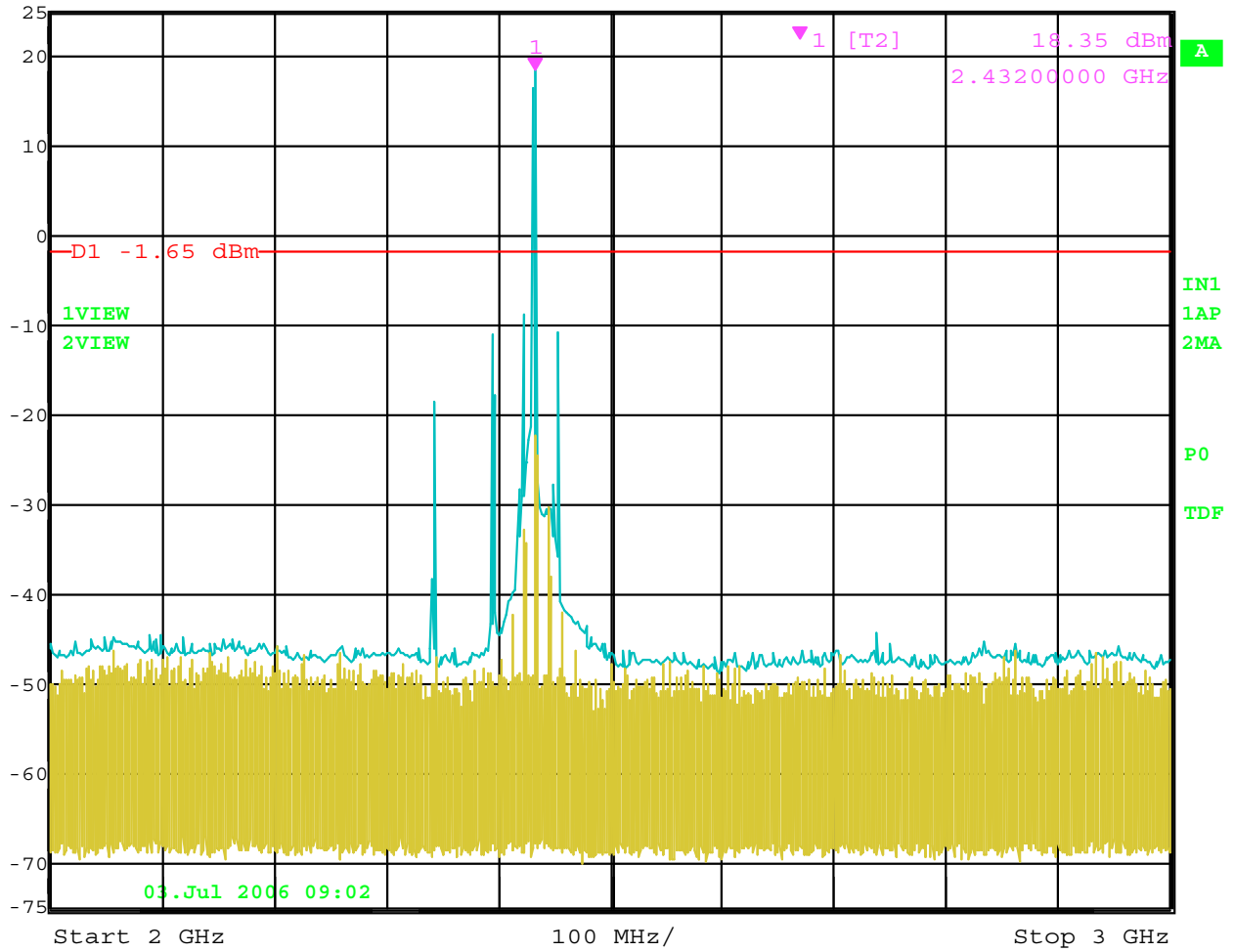


Date: 3.JUL.2006 09:02:57

RF Antenna Conducted Test – Middle Channel – 2 MHz to 2 GHz



Marker 1 [T2] RBW 100 kHz RF Att 40 dB
Ref Lvl 18.35 dBm VBW 300 kHz
25 dBm 2.43200000 GHz SWT 250 ms Unit dBm

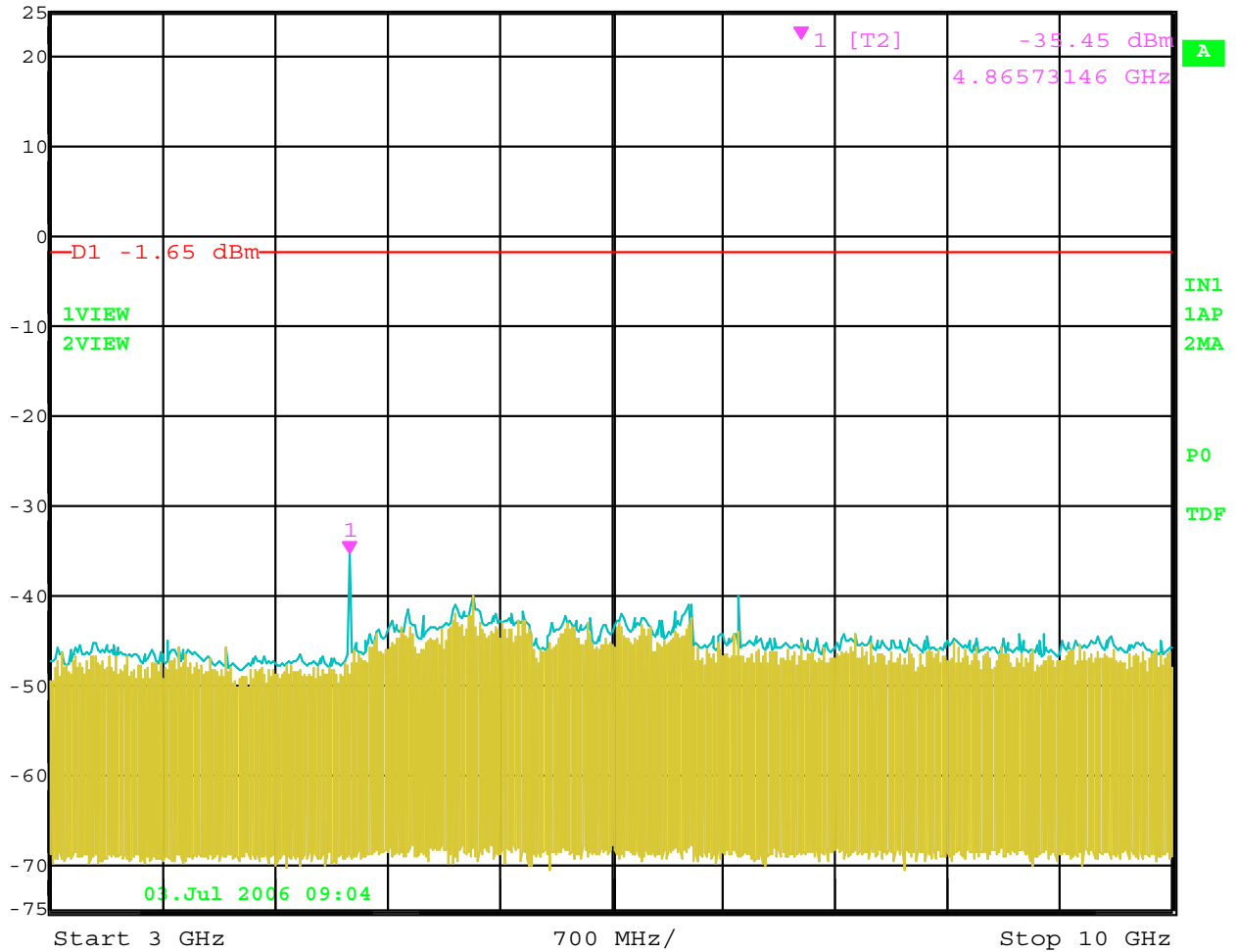


Date: 3.JUL.2006 09:02:22

RF Antenna Conducted Test – Middle Channel – 2 GHz to 3 GHz



Ref Lvl 25 dBm Marker 1 [T2] RBW 100 kHz RF Att 40 dB
-35.45 dBm VBW 300 kHz
4.86573146 GHz SWT 1.75 s Unit dBm

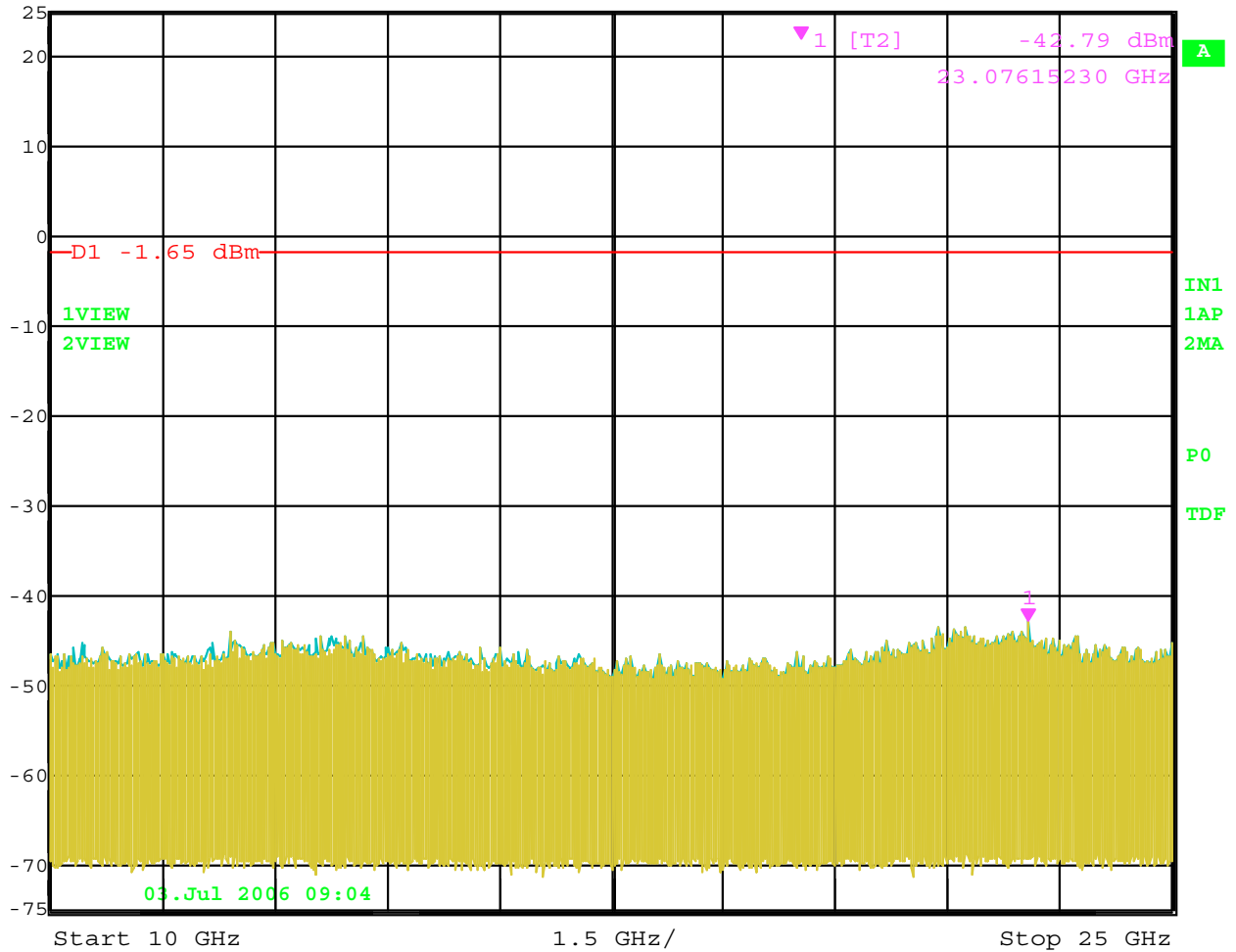


Date: 3.JUL.2006 09:04:09

RF Antenna Conducted Test – Middle Channel – 3 GHz to 10 GHz



Marker 1 [T2] RBW 100 kHz RF Att 40 dB
Ref Lvl -42.79 dBm VBW 300 kHz
25 dBm 23.07615230 GHz SWT 3.8 s Unit dBm

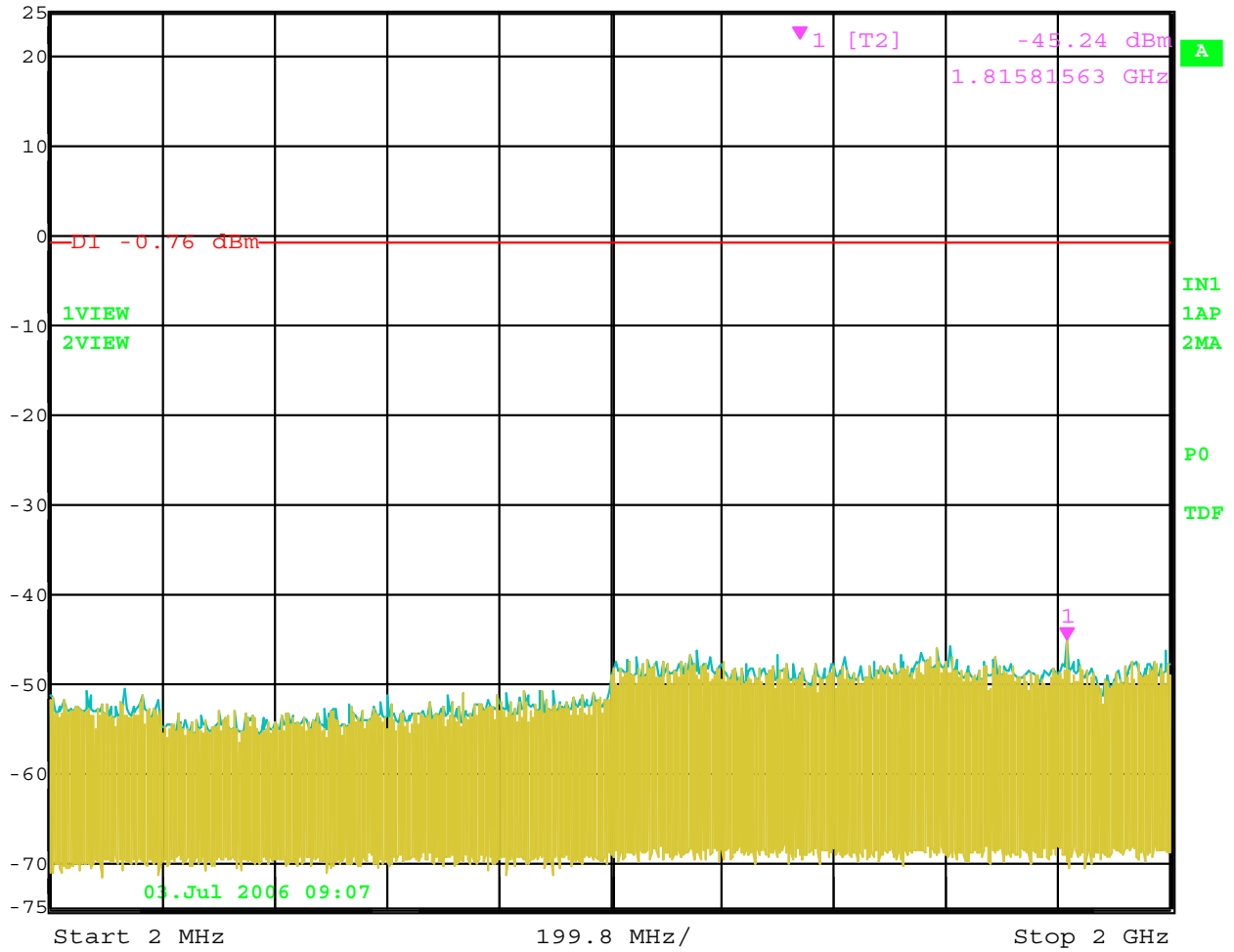


Date: 3.JUL.2006 09:04:49

RF Antenna Conducted Test – Middle Channel – 10 GHz to 25 GHz



Marker 1 [T2] RBW 100 kHz RF Att 40 dB
Ref Lvl -45.24 dBm VBW 300 kHz
25 dBm 1.81581563 GHz SWT 1.15 s Unit dBm

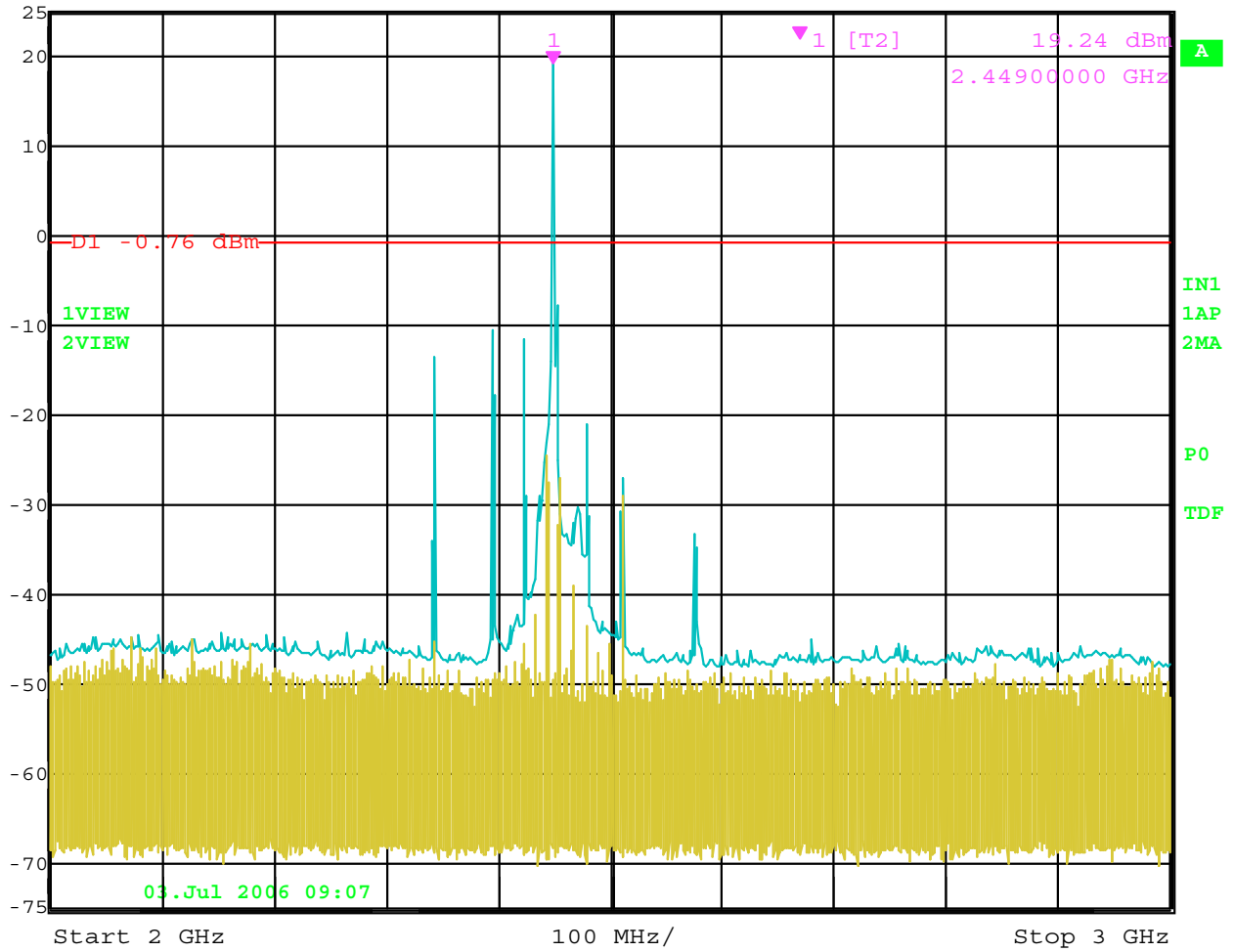


Date: 3.JUL.2006 09:07:55

RF Antenna Conducted Test – High Channel – 2 MHz to 2 GHz



Ref Lvl 25 dBm
Marker 1 [T2] 19.24 dBm
2.44900000 GHz
RBW 100 kHz RF Att 40 dB
VBW 300 kHz
SWT 250 ms Unit dBm

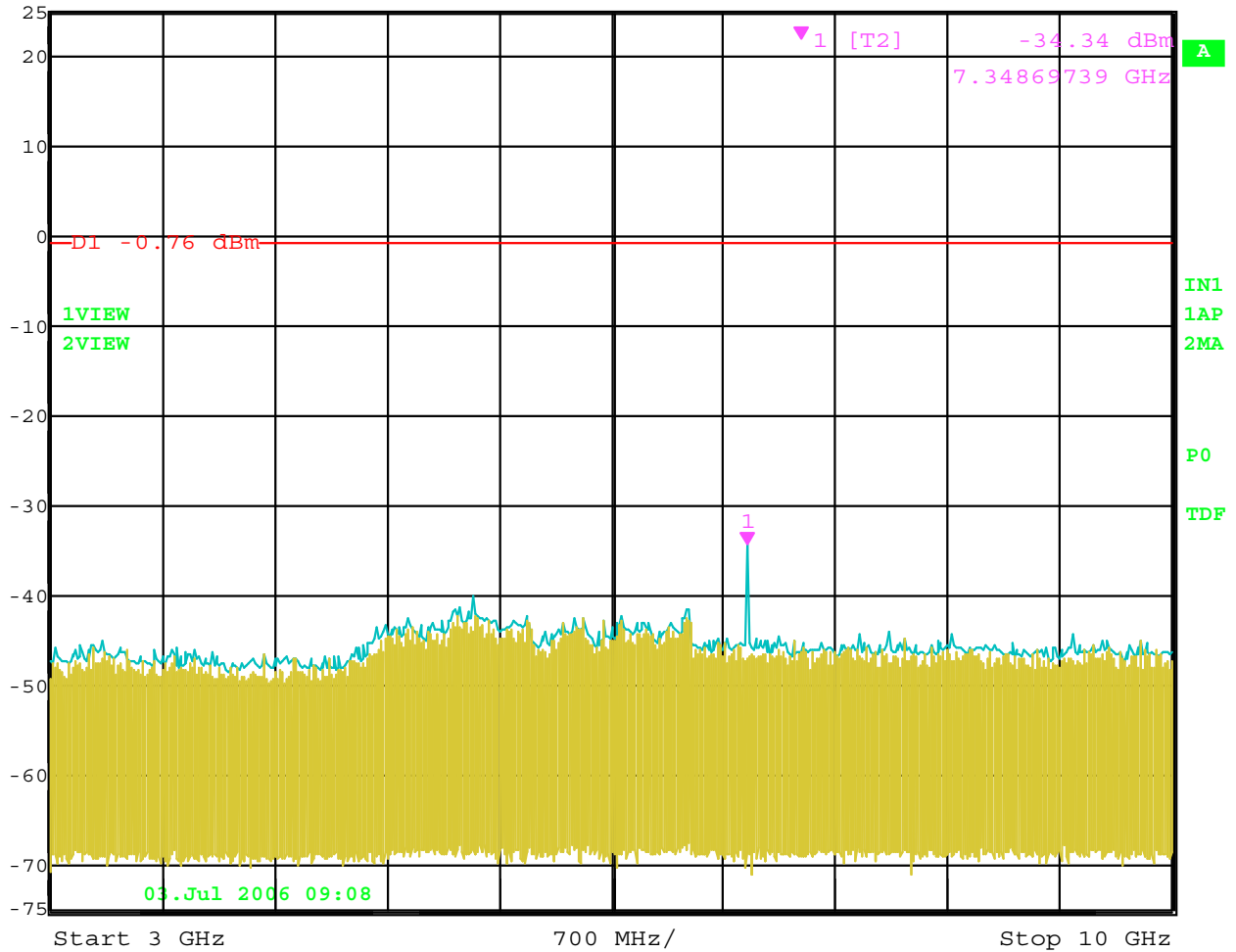


Date: 3.JUL.2006 09:07:17

RF Antenna Conducted Test – High Channel – 2 GHz to 3 GHz



Ref Lvl 25 dBm
Marker 1 [T2] -34.34 dBm
7.34869739 GHz
RBW 100 kHz RF Att 40 dB
VBW 300 kHz
SWT 1.75 s Unit dBm

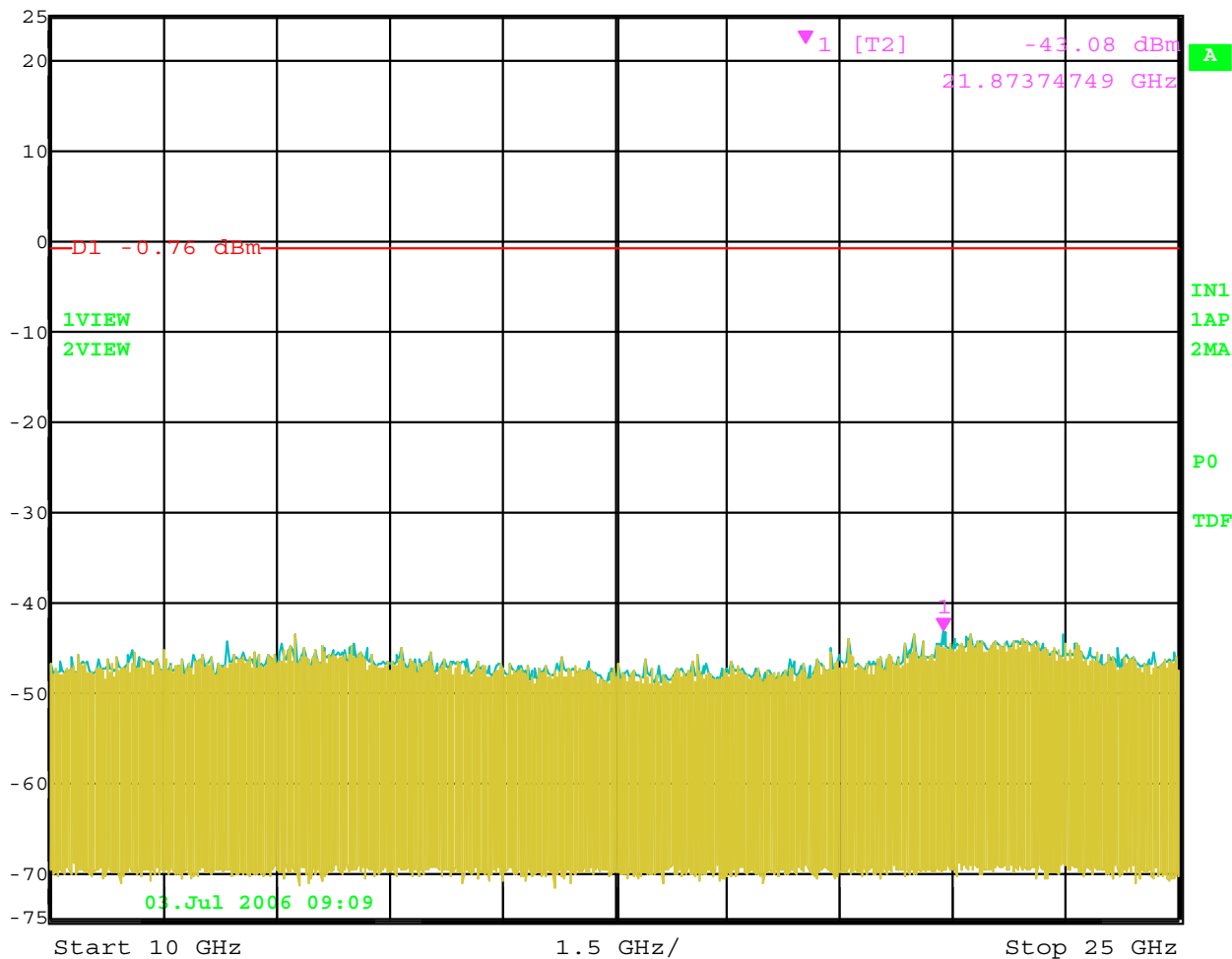


Date: 3.JUL.2006 09:08:45

RF Antenna Conducted Test – High Channel – 3 GHz to 10 GHz



Ref Lvl 25 dBm
Marker 1 [T2] -43.08 dBm
21.87374749 GHz
RBW 100 kHz RF Att 40 dB
VBW 300 kHz
SWT 3.8 s Unit dBm



Date: 3.JUL.2006 09:09:18

RF Antenna Conducted Test – High Channel – 10 GHz to 25 GHz

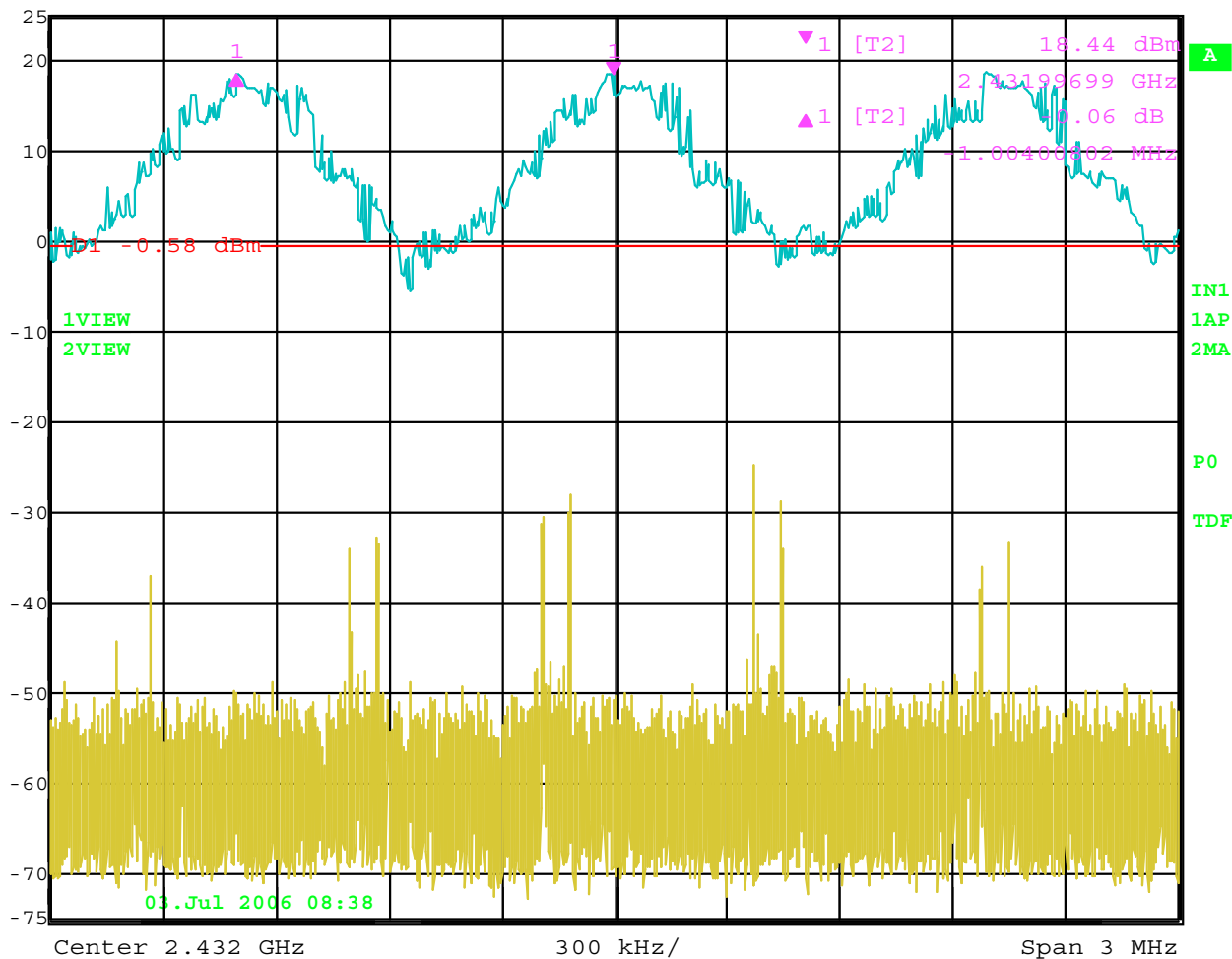


CHANNEL HOPPING SEPARATION

DATA SHEET



Delta 1 [T2] RBW 100 kHz RF Att 40 dB
Ref Lvl -0.06 dB VBW 1 MHz
25 dBm -1.00400802 MHz SWT 5 ms Unit dBm



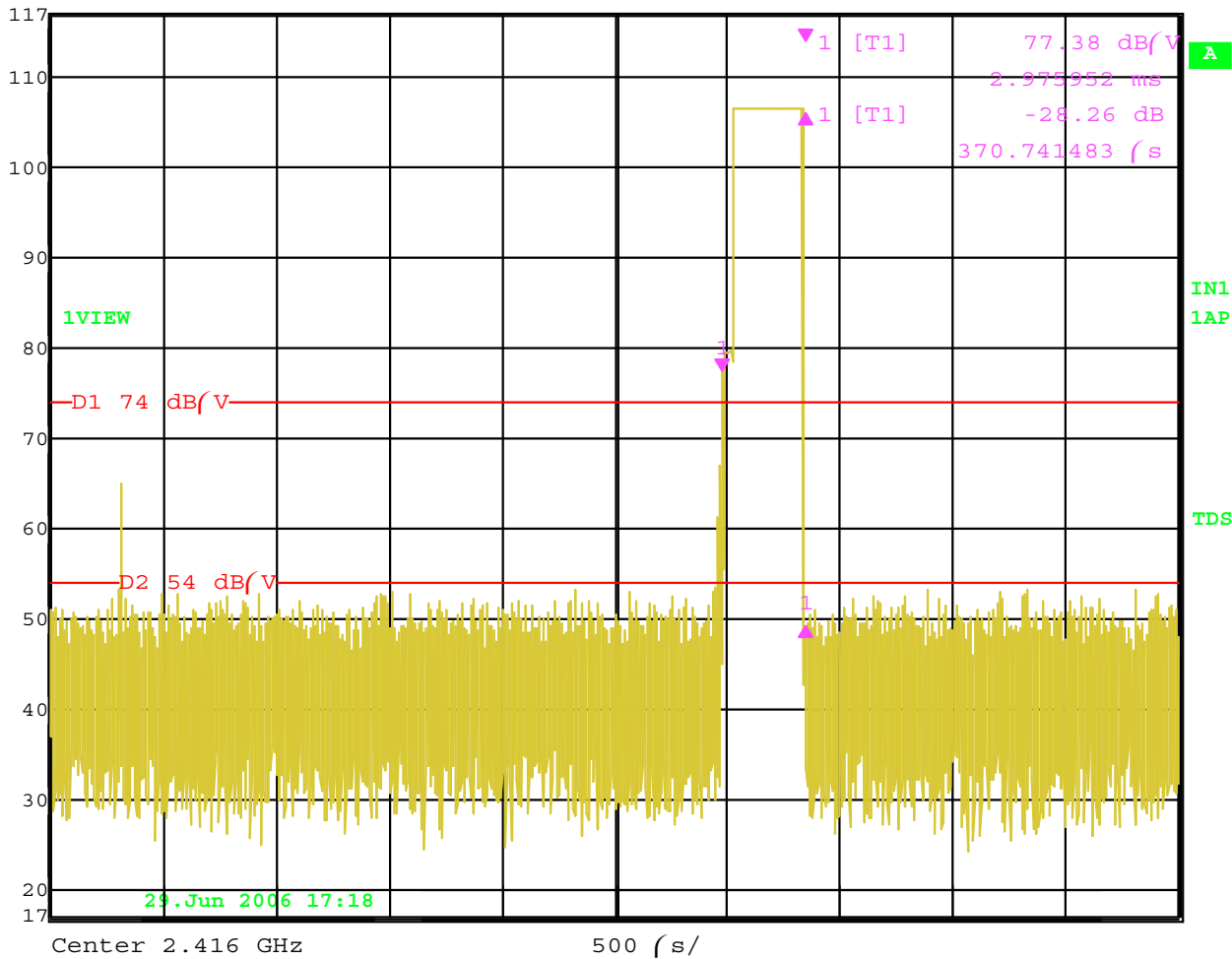
Date: 3.JUL.2006 08:38:19

Channel Frequency Separation Test

AVERAGE TIME OF OCCUPANCY
DATA SHEETS



Ref Lvl 117 dB/V
Delta 1 [T1] -28.26 dB
370.741483 μ s
RBW 1 MHz
VBW 1 MHz
SWT 5 ms
RF Att 30 dB
Unit dB/V



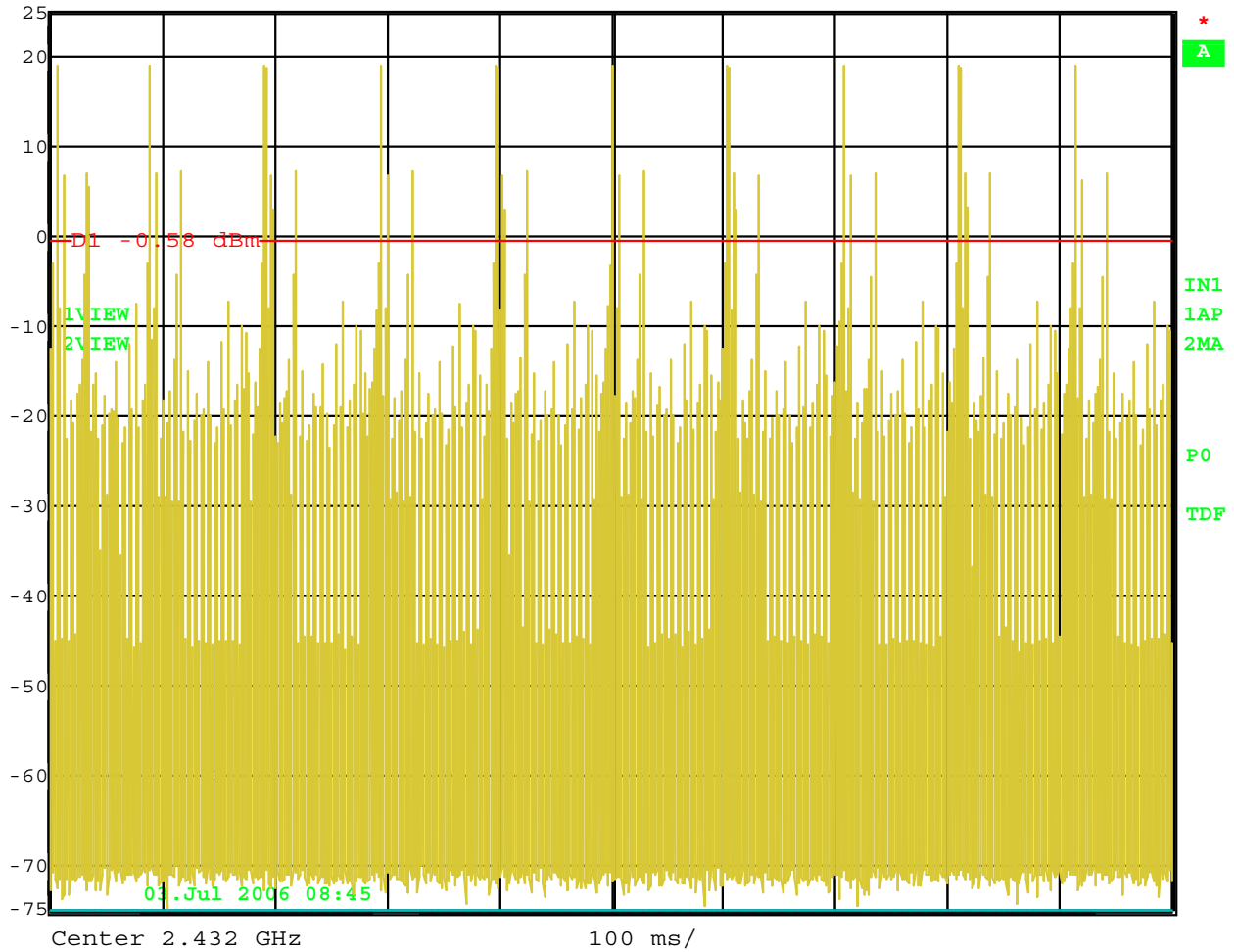
Date: 29.JUN.2006 17:18:08

Time of One Pulse is 370.741483 μ s



Ref Lvl
25 dBm

RBW 1 MHz RF Att 40 dB
VBW 1 MHz
SWT 1 s Unit dBm



Date: 3.JUL.2006 08:45:30

Number of Pulses in 1 Second = 14

Number of Pulses in 13.6 seconds (34 Channels * 400 mS) = 190.4 Pulses (14*13.6)

Total Time of Occupancy = 190.4 * 370.741483 uS = 70.59 mS

Limit = 400 mS in a 13.6 second period.

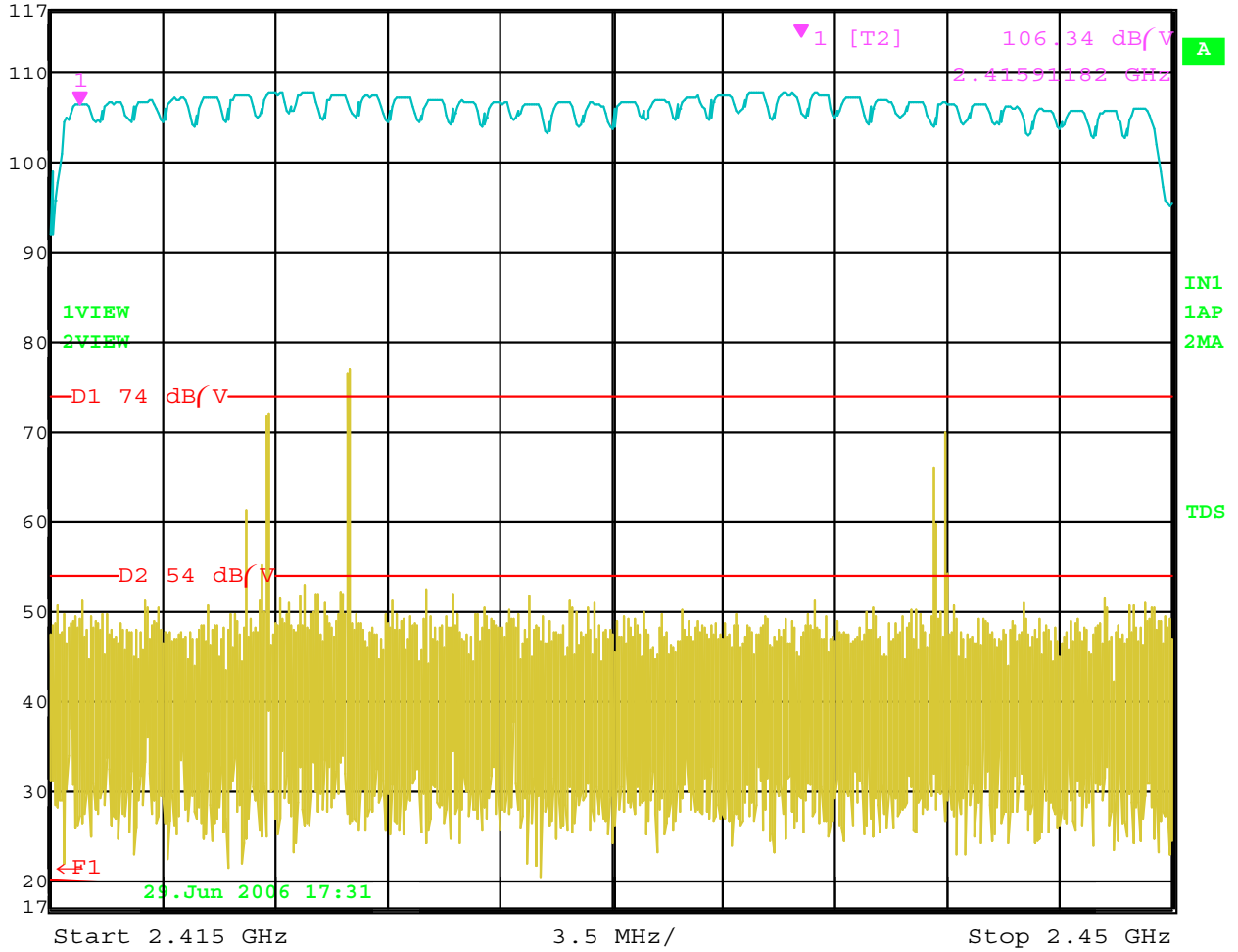


NUMBER OF HOPPING FREQUENCIES

DATA SHEET

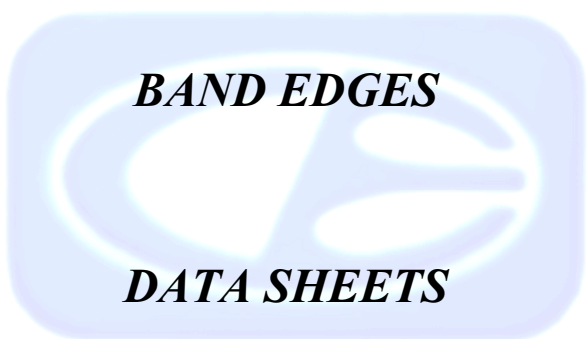


Ref Lvl 117 dB/V
Marker 1 [T2] 106.34 dB/V
2.41591182 GHz
RBW 1 MHz
VBW 1 MHz
SWT 5 ms
RF Att 30 dB
Unit dB/V



Date: 29.JUN.2006 17:31:33

Number of Channels = 34



BAND EDGES

DATA SHEETS

FCC 15.247

Anchor Audio, Inc.
 2.4 GHz Wireless Intercom
 Model: BPW-300

Date: 06/29/06
 Lab: B
 Tested By: Kyle Fujimoto

Y-Axis - Worst Case

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
2416	110.31	V	--	--	Peak	3.19	225	Fundamental of Low Channel
2416	90.31	V	--	--	Avg	3.19	225	@ 3 Meters
2384.64	71.65	V	74	-2.35	Peak	3.19	225	No Marker Delta Method
2384.64	51.65	V	54	-2.35	Avg	3.19	225	Method Used
2440	111.93	V	--	--	Peak	2.45	45	Middle Channel
2440	91.93	V	--	--	Avg	2.45	45	@ 3 meters
2449	112.47	V	--	--	Peak	3.23	225	Fundamental of High Channel
2449	92.47	V	--	--	Avg	3.23	225	@ 3 Meters
2497.3	72.54	V	74	-1.46	Peak	3.23	225	No Marker Delta Method
2497.3	52.54	V	54	-1.46	Avg	3.23	225	Method Used

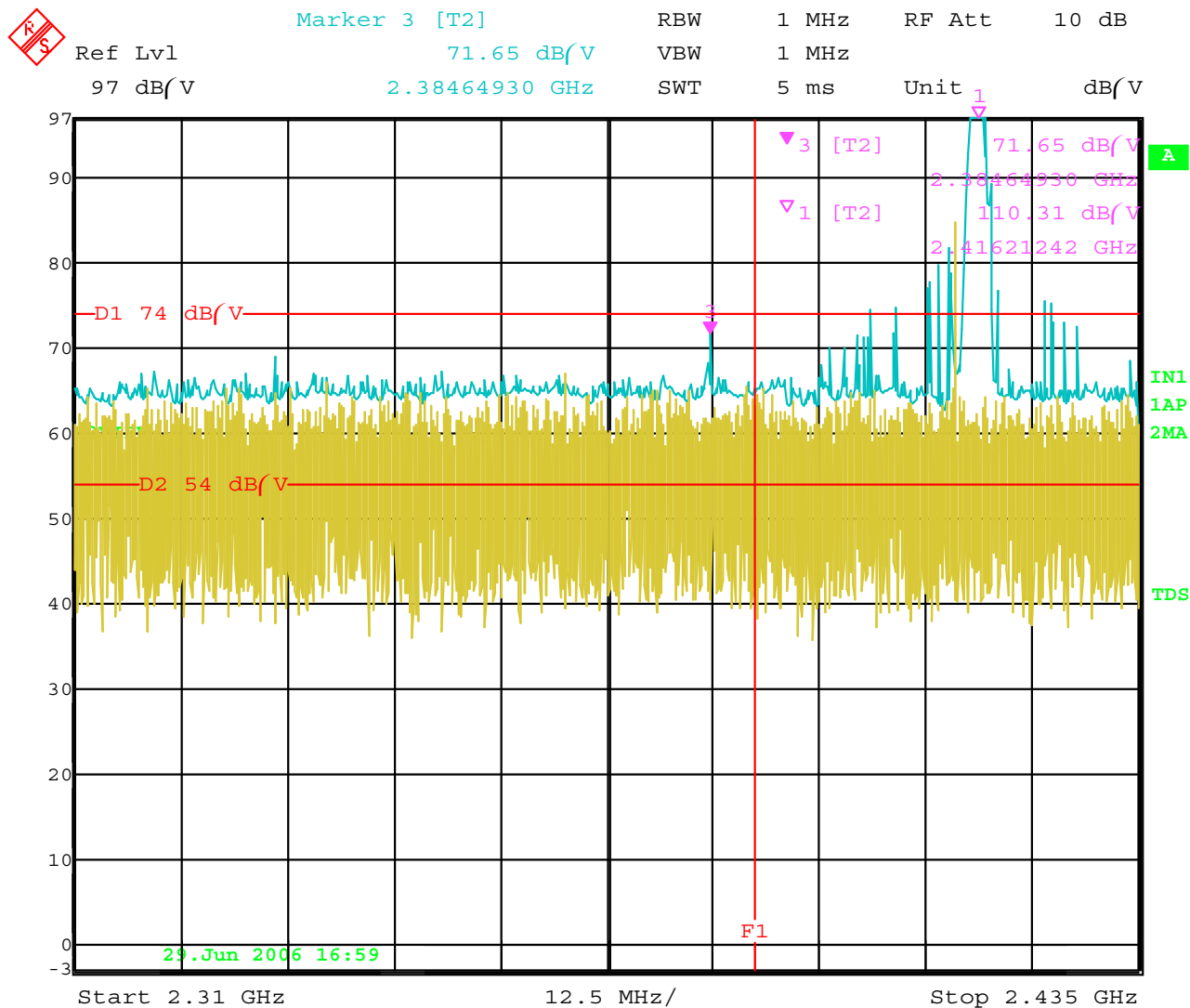
FCC 15.247

Anchor Audio, Inc.
2.4 GHz Wireless Intercom
Model: BPW-300

Date: 06/29/06
Lab: B
Tested By: Kyle Fujimoto

Y-Axis - Worst Case

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
2416	106.86	H	--	--	Peak	3.31	225	Fundamental of Low Channel
2416	86.86	H	--	--	Avg	3.31	225	@ 3 Meters
2333.04	68.54	H	74	-5.46	Peak	3.31	225	No Marker Delta Method
2333.04	48.54	H	54	-5.46	Avg	3.31	225	Method Used
2440	112.15	H	--	--	Peak	2.56	135	Middle Channel
2440	92.15	H	--	--	Avg	2.56	135	@ 3 meters
2449	106.19	H	--	--	Peak	3.31	225	Fundamental of High Channel
2449	86.19	H	--	--	Avg	3.31	225	@ 3 Meters
2486.9	67.06	H	74	-6.94	Peak	2.11	225	No Marker Delta Method
2486.9	47.06	H	54	-6.94	Avg	2.11	225	Method Used



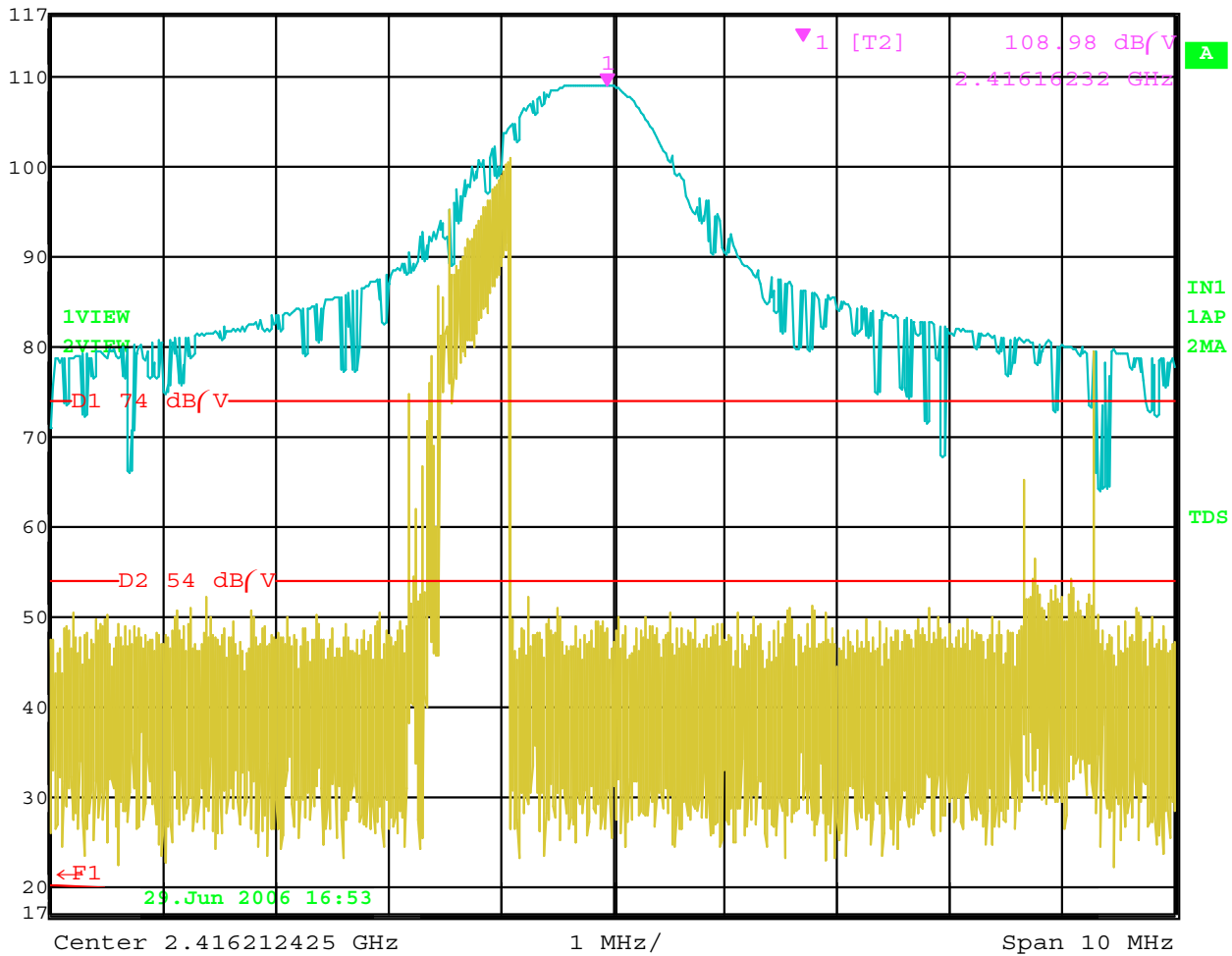
Band Edge of Low Channel – Peak Readings – Vertical Polarization
 Please note that the Preamplifier was remove to avoid saturation. The reference level adjusted so that the internal attenuation could be lowered to show the sidebands from the fundamental.

All of the readings have a duty cycle of less than 10% as the emissions are from the fundamental.
 This means the average reading is 20 dB less than the peak readings.

Please see the data sheet for the average readings.

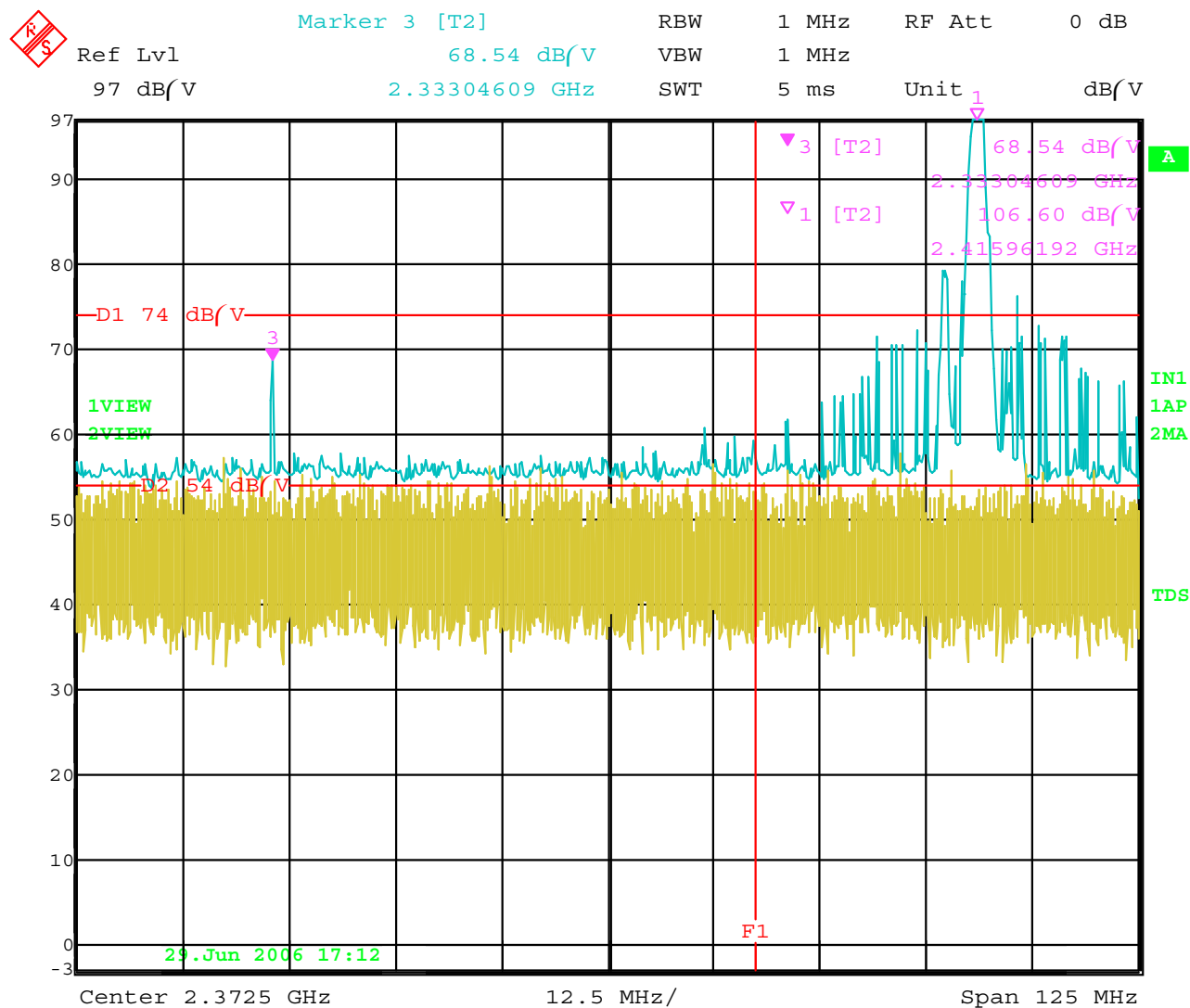


Ref Lvl 117 dB/V
Marker 1 [T2] 108.98 dB/V
2.41616232 GHz
RBW 1 MHz
RF Att 30 dB
VBW 1 MHz
SWT 5 ms
Unit dB/V



Date: 29.JUN.2006 16:53:57

Fundamental of the low channel with Preamplifier to show full signal waveform. – Vertical Polarization



Date: 29.JUN.2006 17:12:43

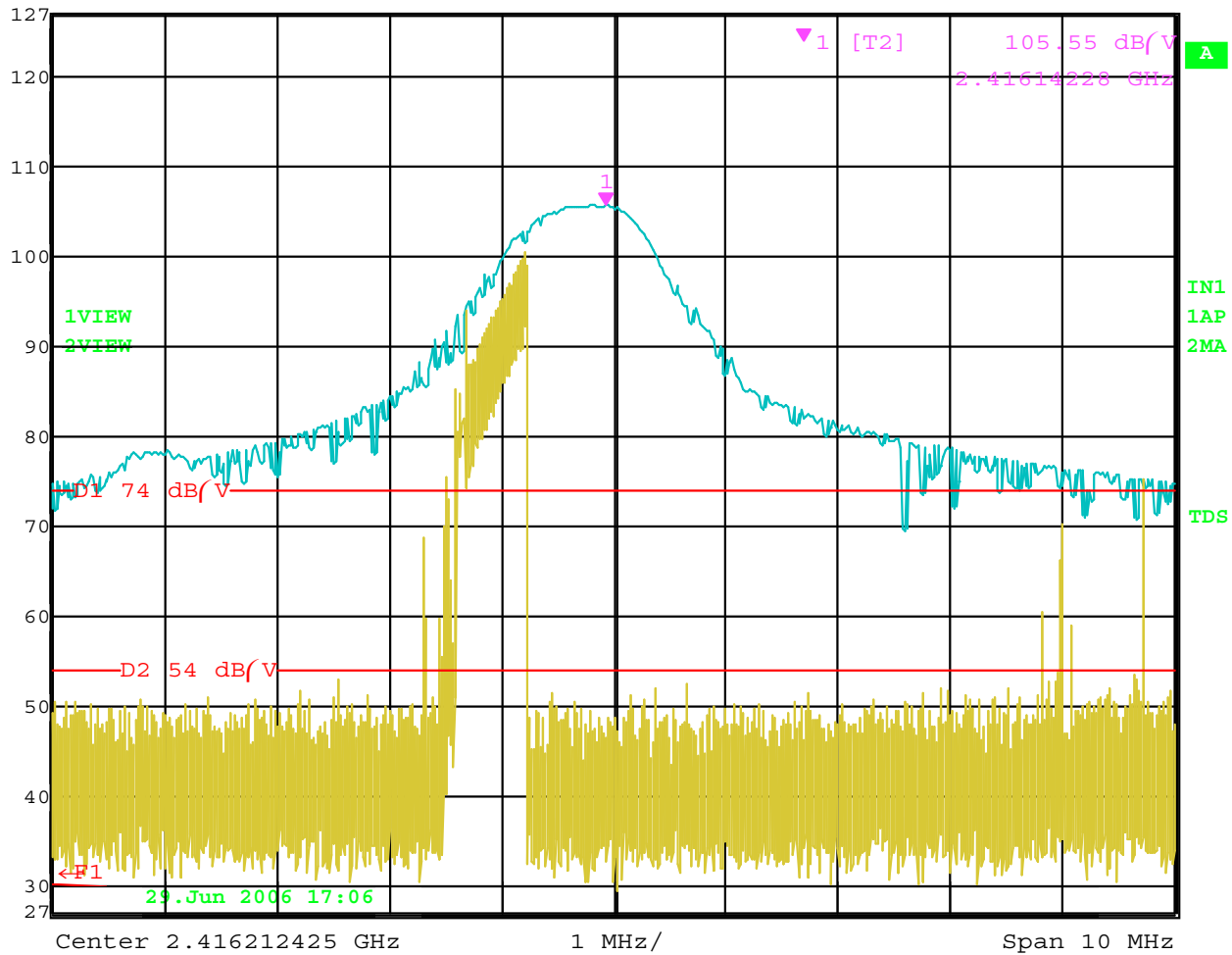
Band Edge of Low Channel – Peak Readings – Horizontal Polarization
 Please note that the Preamplifier was remove to avoid saturation. The reference level adjusted so that the internal attenuation could be lowered to show the sidebands from the fundamental.

All of the readings have a duty cycle of less than 10% as the emissions are from the fundamental.
 This means the average reading is 20 dB less than the peak readings.

Please see the data sheet for the average readings.

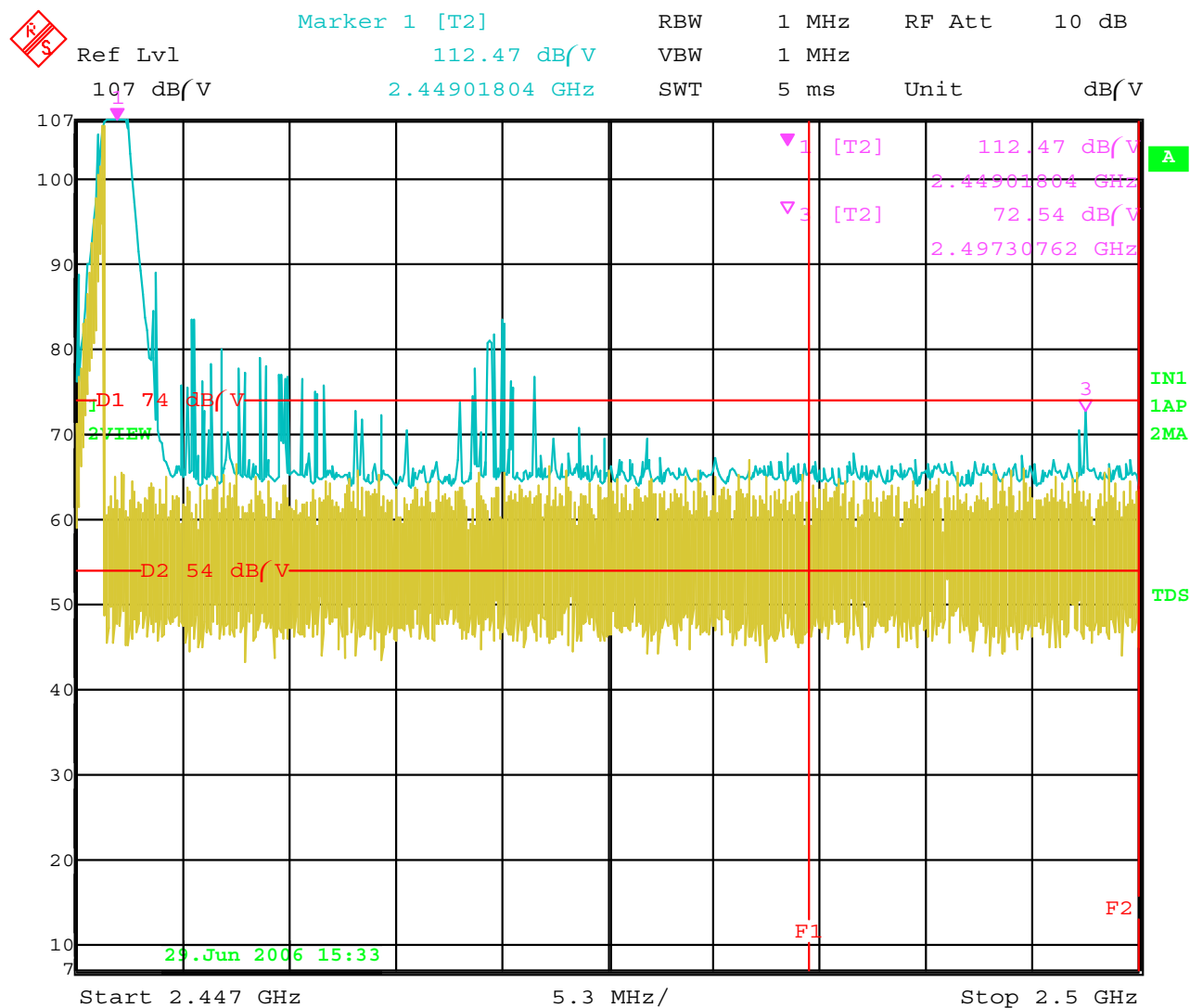


Ref Lvl 127 dB/V
Marker 1 [T2] 105.55 dB/V
2.41614228 GHz
RBW 1 MHz
VBW 1 MHz
SWT 5 ms
RF Att 30 dB
Unit dB/V



Date: 29.JUN.2006 17:06:40

Fundamental of the low channel with Preamplifier to show full signal waveform. – Horizontal Polarization



Date: 29.JUN.2006 15:33:09

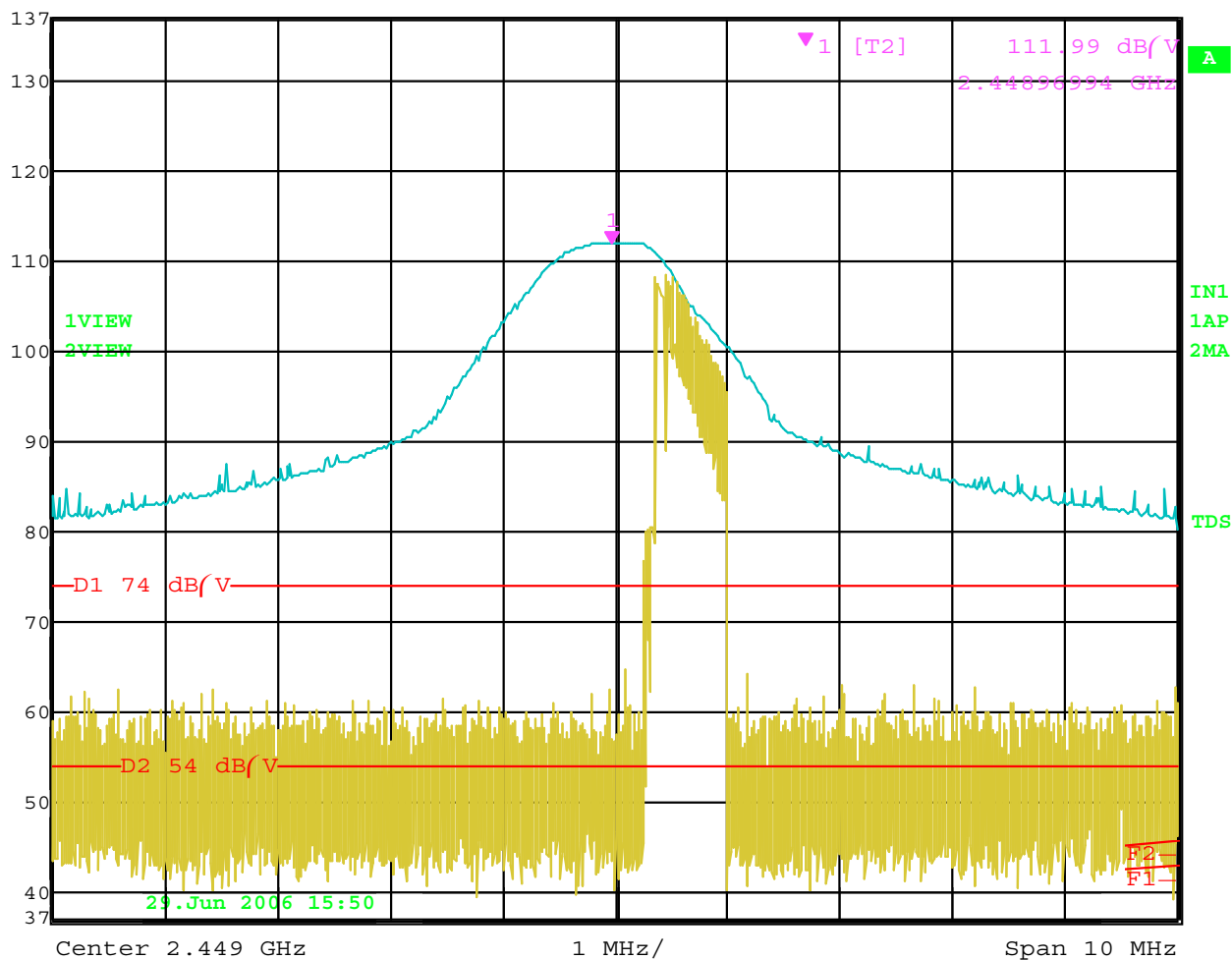
Band Edge of High Channel – Peak Readings – Vertical Polarization
Please note that the Preamplifier was remove to avoid saturation. The reference level adjusted so that the internal attenuation could be lowered to show the sidebands from the fundamental.

All of the readings have a duty cycle of less than 10% as the emissions are from the fundamental.
This means the average reading is 20 dB less than the peak readings.

Please see the data sheet for the average readings.



Ref Lvl 137 dB/V
Marker 1 [T2] 111.99 dB/V
2.44896994 GHz
RBW 1 MHz
VBW 1 MHz
SWT 5 ms
RF Att 40 dB
Unit dB/V

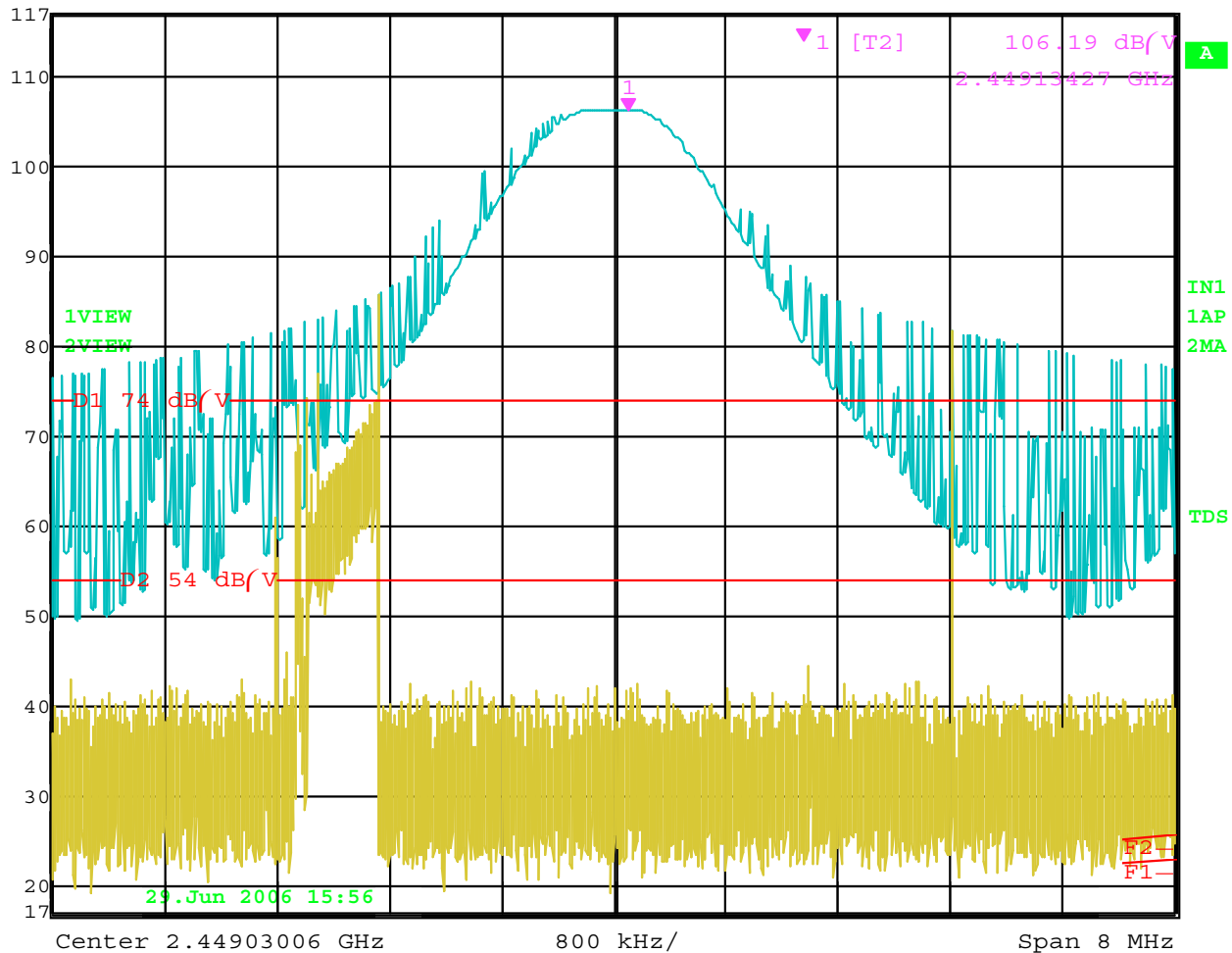


Date: 29.JUN.2006 15:50:07

Fundamental of the high channel with Preamplifier to show full signal waveform. – Vertical Polarization



Marker 1 [T2] RBW 1 MHz RF Att 20 dB
Ref Lvl 106.19 dB/V VBW 1 MHz
117 dB/V 2.44913427 GHz SWT 5 ms Unit dB/V



Date: 29.JUN.2006 15:56:47

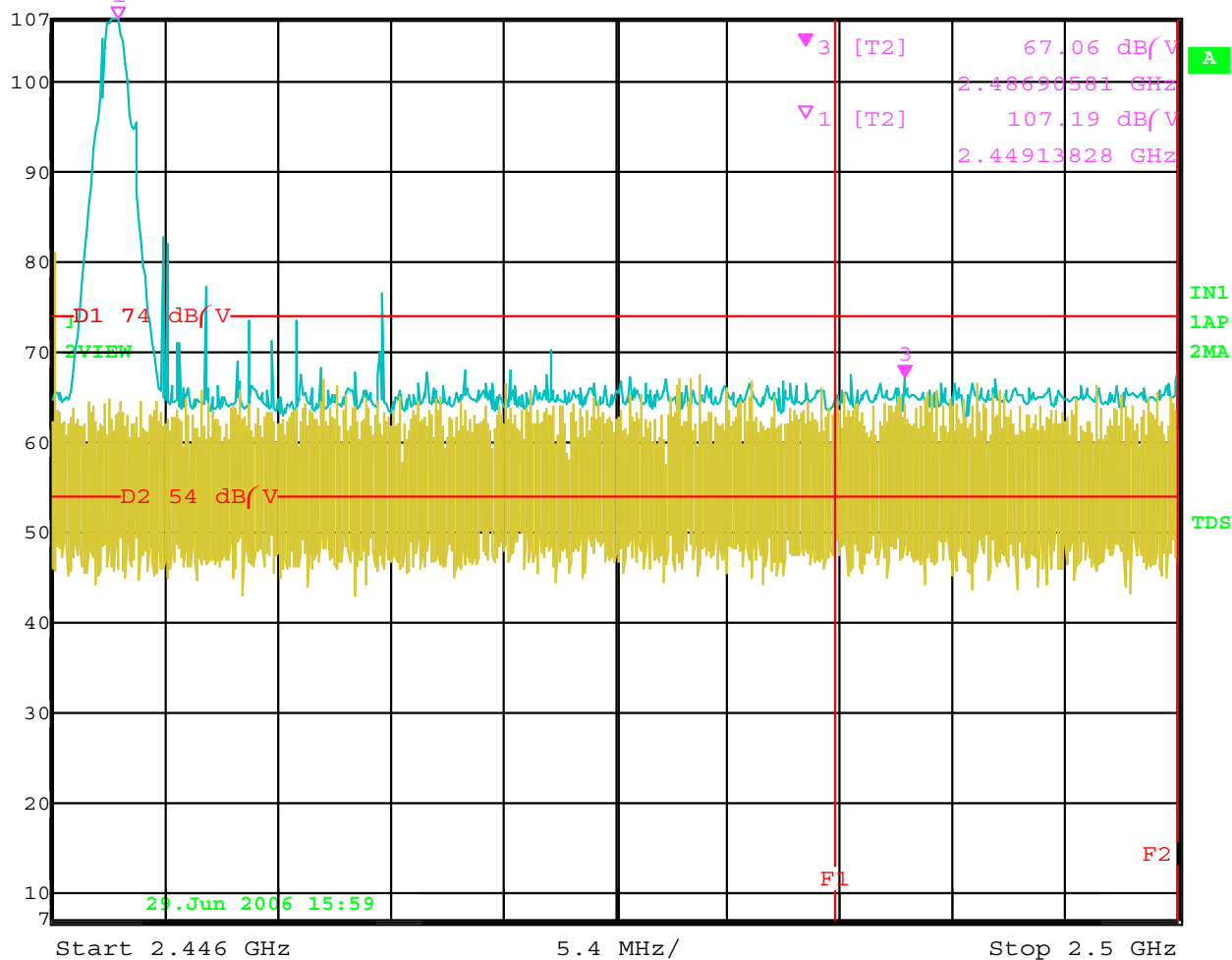
Band Edge of High Channel – Peak Readings – Horizontal Polarization
Please note that the Preamplifier was remove to avoid saturation. The reference level adjusted so that the internal attenuation could be lowered to show the sidebands from the fundamental.

All of the readings have a duty cycle of less than 10% as the emissions are from the fundamental.
This means the average reading is 20 dB less than the peak readings.

Please see the data sheet for the average readings.

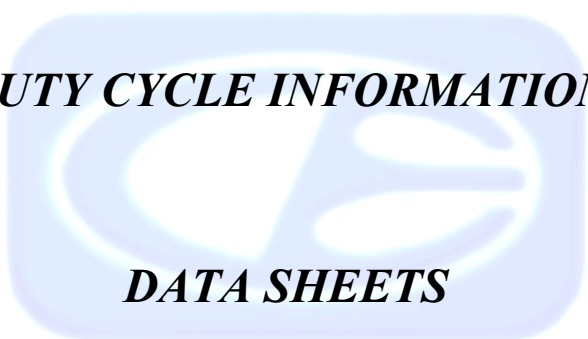


Ref Lvl 107 dB/V
Marker 3 [T2] 67.06 dB/V
2.48690581 GHz
RBW 1 MHz RF Att 10 dB
VBW 1 MHz
SWT 5 ms Unit dB/V



Date: 29.JUN.2006 15:59:30

Fundamental of the high channel with Preamplifier to show full signal waveform. – Horizontal Polarization

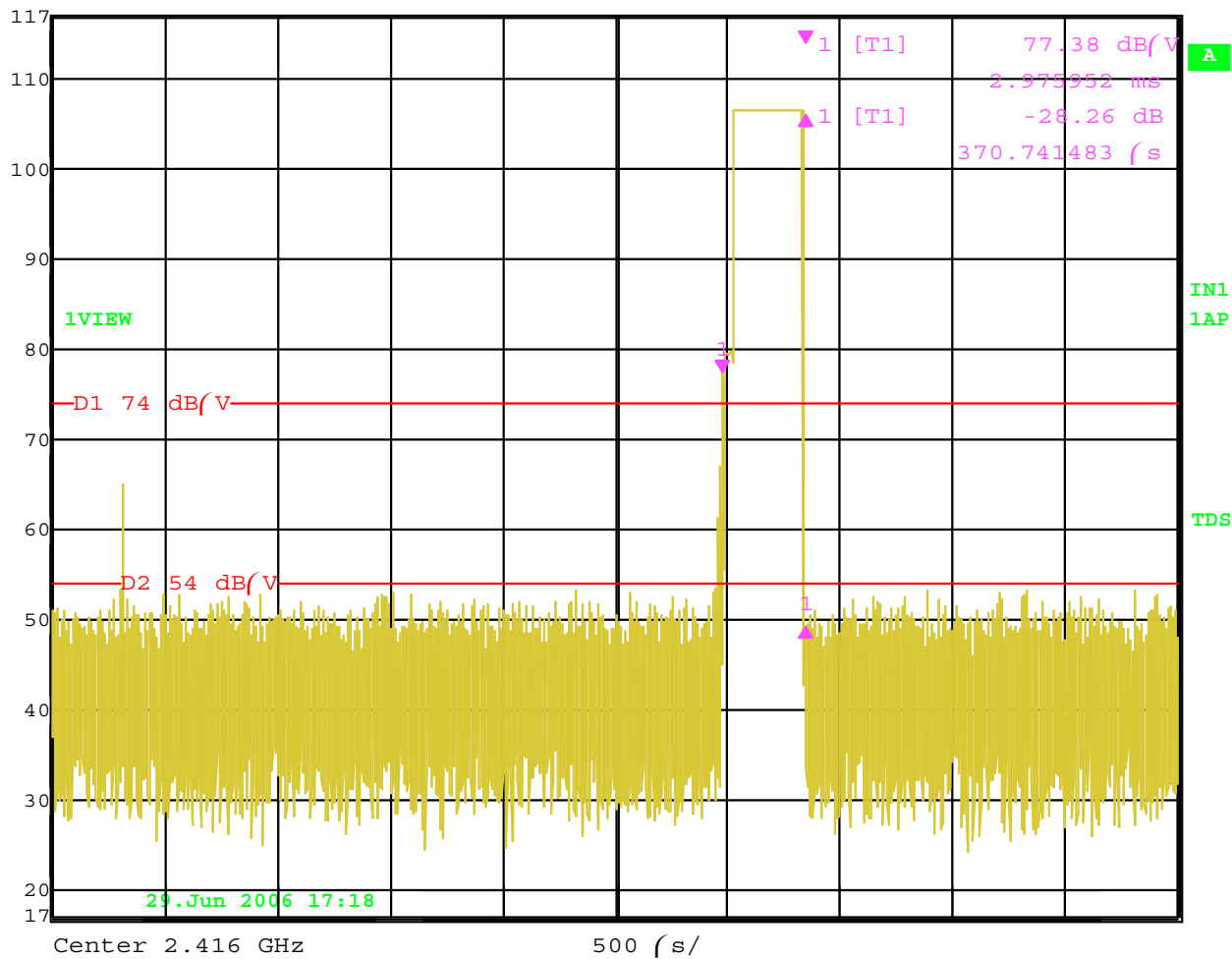


DUTY CYCLE INFORMATION

DATA SHEETS



Ref Lvl	Delta 1 [T1]	RBW	1 MHz	RF Att	30 dB
117 dB/V	-28.26 dB	VBW	1 MHz		
	370.741483 μ s	SWT	5 ms	Unit	dB/V

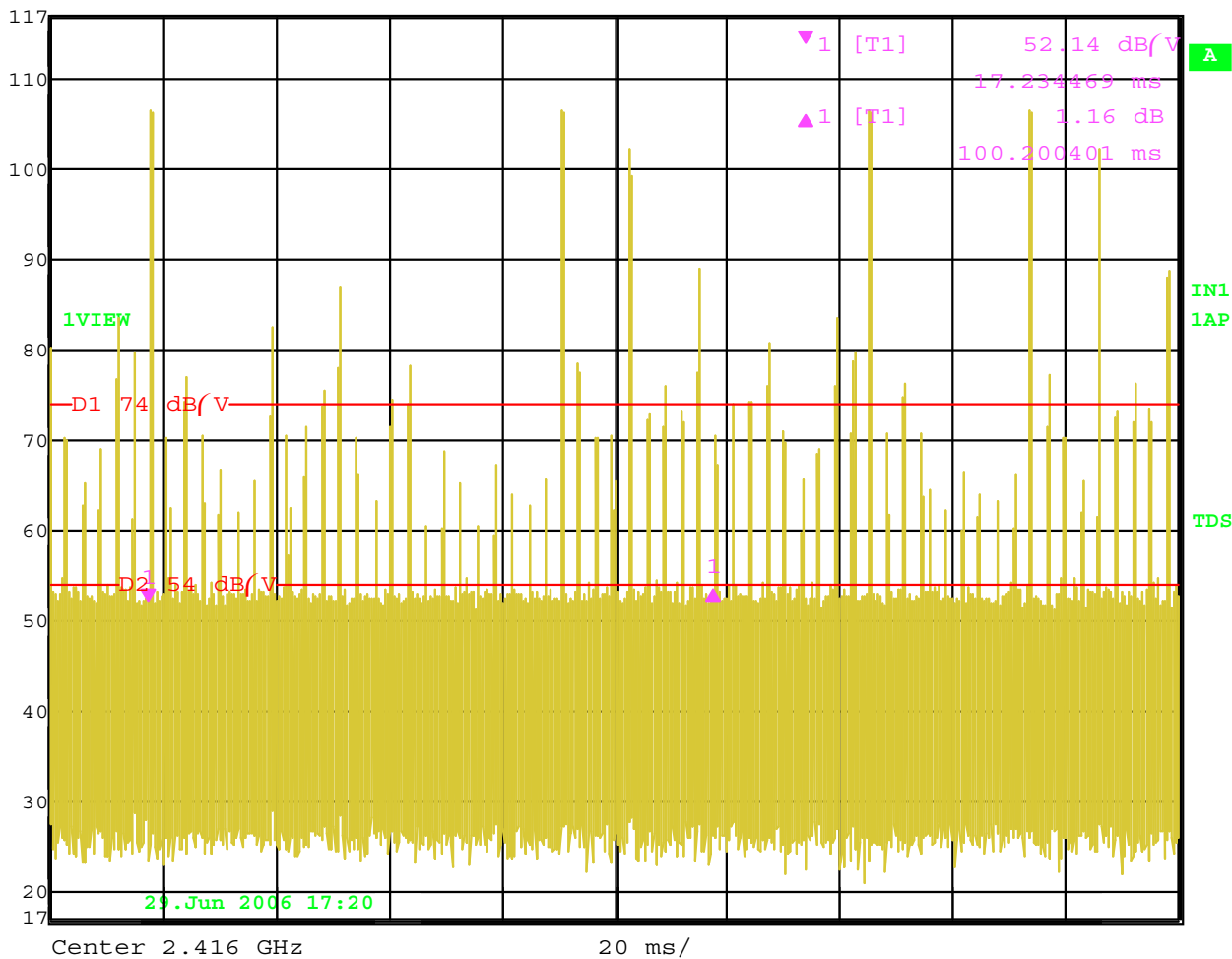


Date: 29.JUN.2006 17:18:08

Time of One Pulse is 370.741483 μ s



Delta 1 [T1] RBW 1 MHz RF Att 30 dB
Ref Lvl 1.16 dB VBW 1 MHz
117 dB/V 100.200401 ms SWT 200 ms Unit dB/V

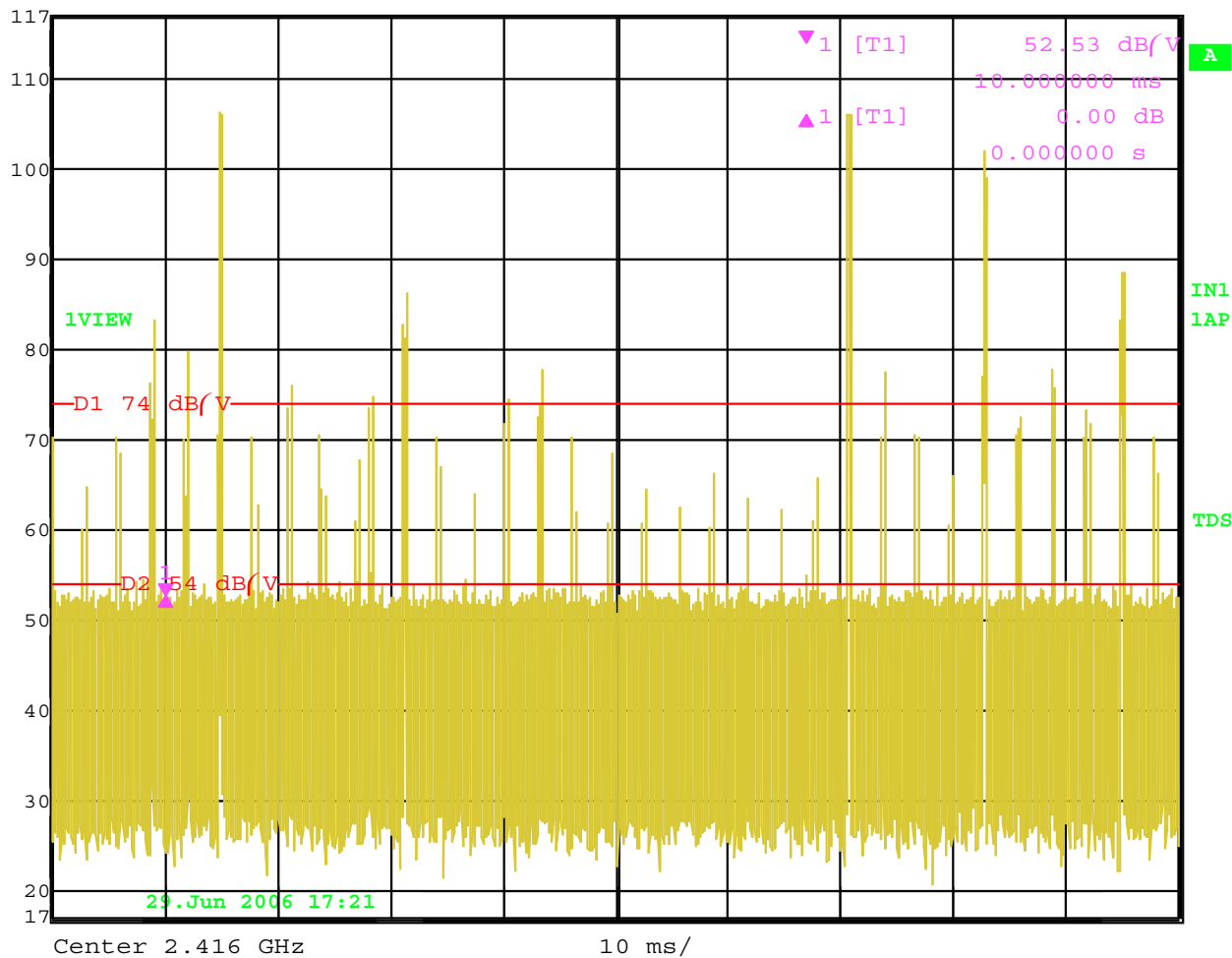


Date: 29.JUN.2006 17:20:53

Number of Pulses in 100 mS = 3



Delta 1 [T1] RBW 1 MHz RF Att 30 dB
Ref Lvl 0.00 dB VBW 1 MHz
117 dB/V 0.000000 s SWT 100 ms Unit dB/V



Date: 29.JUN.2006 17:21:43

View 2 showing the number of pulses per 100 mS is 3

Total Duty Cycle = $370.741483 \text{ uS} * 3 = 1.112 \text{ mS} = 1.112 \%$
The maximum 20 dB peak to average can be taken.