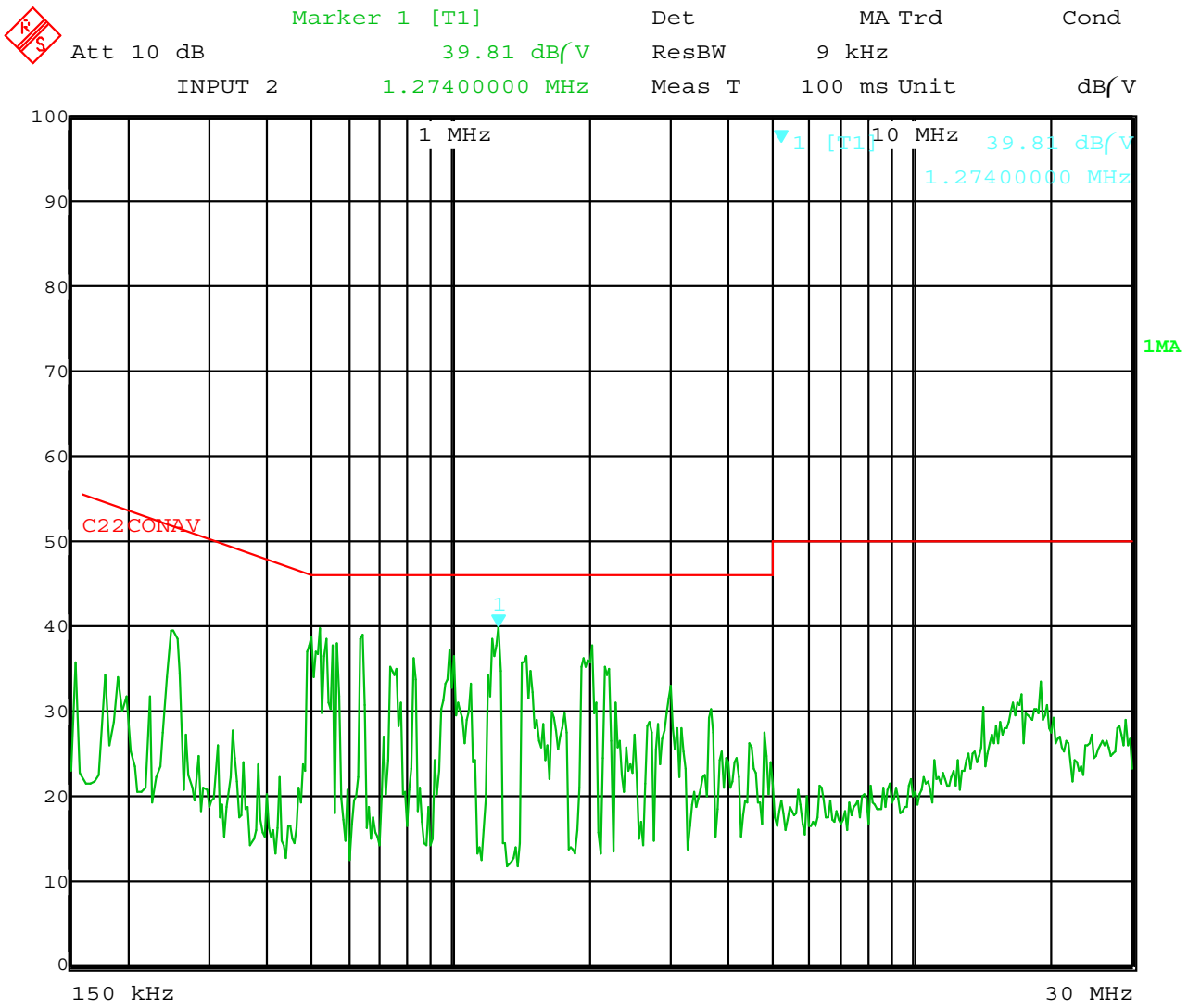
APPENDIX E

DATA SHEETS

CONDUCTED EMISISONS

DATA SHEETS

FCC Conducted Emissions
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P – 115 VAC
FCC Class B – Black Lead
Configuration: In the LP3-L Printer – Transmit Mode (Worst Case)
Tested By: Kyle Fujimoto



Date: 30.NOV.2006 17:58:02

FCC Conducted Emissions
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P – 115 VAC
FCC Class B – Black Lead
Configuration: In the LP3-L Printer – Transmit Mode (Worst Case)
Tested By: Kyle Fujimoto

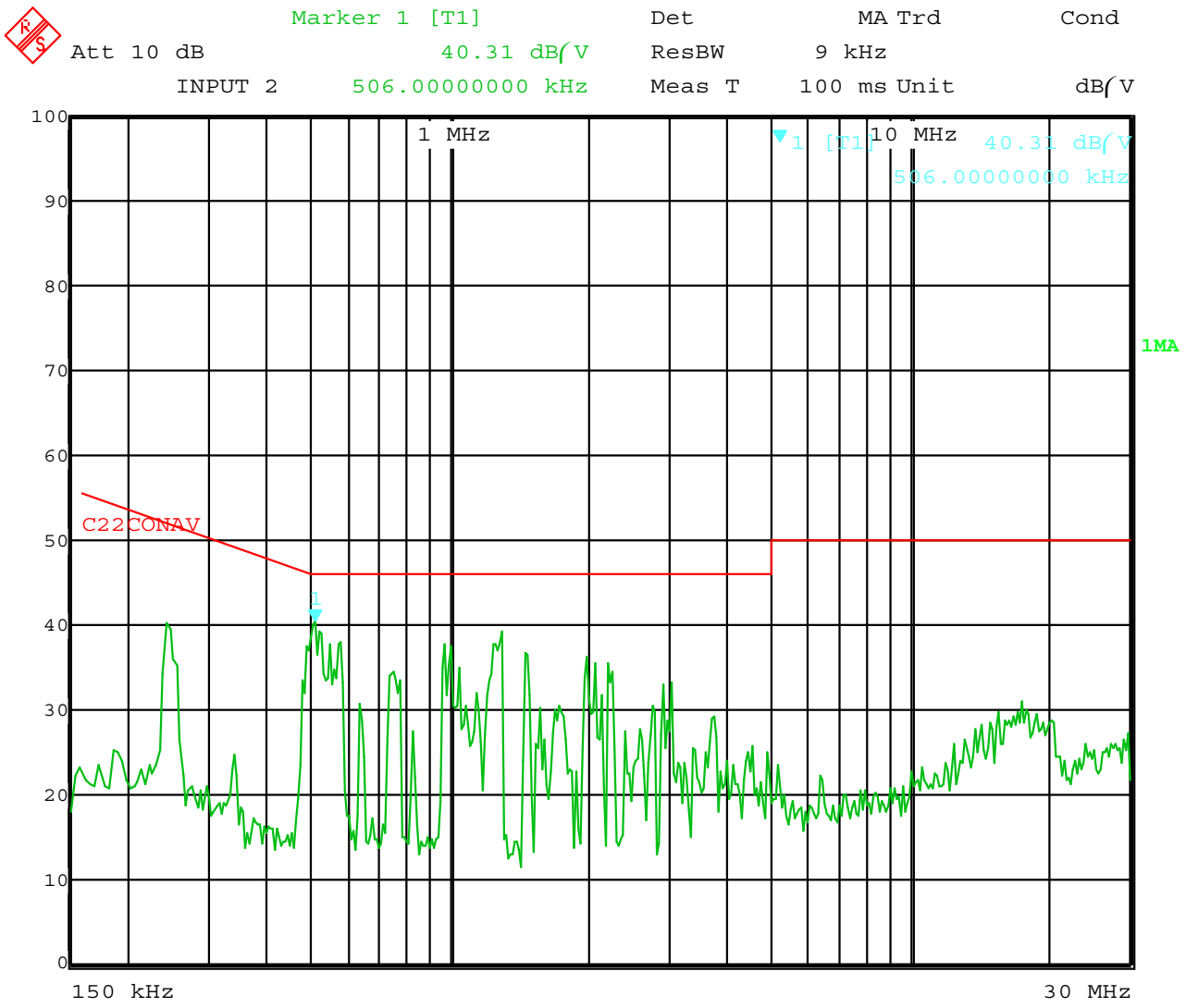
EDIT PEAK LIST (Final Results)

Trace1: C22CONAV
Trace2: ---
Trace3: ---
Trace4: ---

TRACE	FREQUENCY	LEVEL dBµV	DELTA LIMIT dB
1 Max Peak	154.0000 kHz	35.66	-20.12
1 Max Peak	190.0000 kHz	33.82	-20.21
1 Max Peak	250.0000 kHz	39.41	-12.34
1 Max Peak	334.0000 kHz	27.72	-21.62
1 Max Peak	378.0000 kHz	23.54	-24.78
1 Max Peak	518.0000 kHz	39.65	-6.34
1 Max Peak	642.0000 kHz	38.87	-7.12
1 Max Peak	738.0000 kHz	35.10	-10.89
1 Max Peak	994.0000 kHz	37.22	-8.77
1 Max Peak	1.2340 MHz	38.36	-7.63
1 Max Peak	1.2740 MHz	39.80	-6.19
1 Max Peak	1.6620 MHz	29.82	-16.17
1 Max Peak	2.0340 MHz	37.53	-8.46
1 Max Peak	2.6940 MHz	28.68	-17.31
1 Max Peak	3.0020 MHz	32.87	-13.12
1 Max Peak	3.6700 MHz	30.15	-15.84
1 Max Peak	4.8100 MHz	27.47	-18.52
1 Max Peak	6.3020 MHz	21.12	-28.87
1 Max Peak	8.1940 MHz	21.09	-28.90
1 Max Peak	9.9700 MHz	21.93	-28.06

Date: 30.NOV.2006 17:58:33

FCC Conducted Emissions
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P – 115 VAC
FCC Class B – White Lead
Configuration: In the LP3-L Printer – Transmit Mode (Worst Case)
Tested By: Kyle Fujimoto



Date: 30.NOV.2006 17:59:32

FCC Conducted Emissions
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P – 115 VAC
FCC Class B – White Lead
Configuration: In the LP3-L Printer – Transmit Mode (Worst Case)
Tested By: Kyle Fujimoto

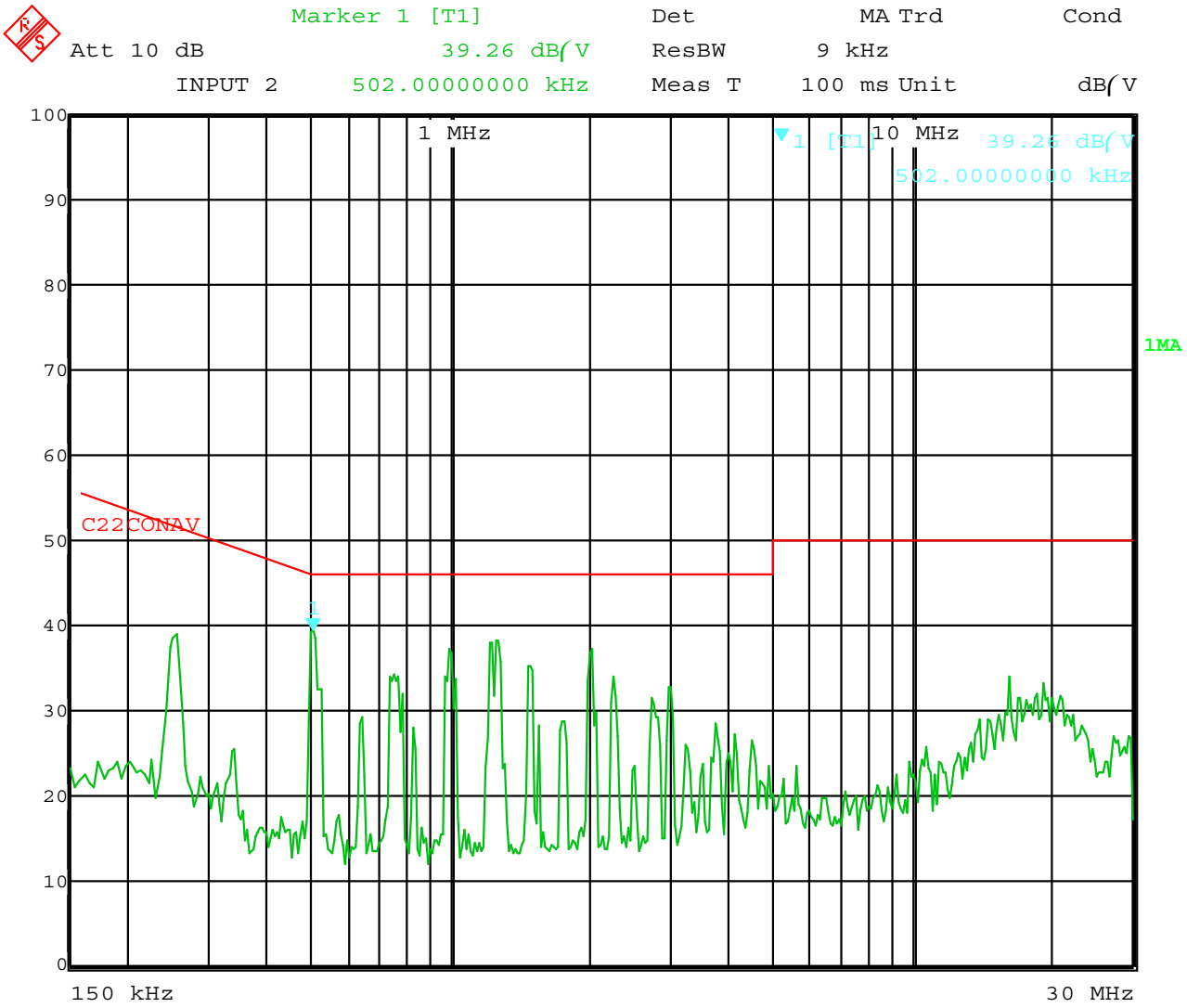
EDIT PEAK LIST (Final Results)

Trace1: C22CONAV
Trace2: ---
Trace3: ---
Trace4: ---

TRACE	FREQUENCY	LEVEL dBµV	DELTA LIMIT dB
1 Max Peak	174.0000 kHz	23.29	-31.47
1 Max Peak	190.0000 kHz	24.87	-29.15
1 Max Peak	242.0000 kHz	40.19	-11.82
1 Max Peak	338.0000 kHz	24.60	-24.65
1 Max Peak	354.0000 kHz	17.94	-30.92
1 Max Peak	506.0000 kHz	40.30	-5.69
1 Max Peak	574.0000 kHz	37.97	-8.02
1 Max Peak	754.0000 kHz	34.32	-11.67
1 Max Peak	970.0000 kHz	37.72	-8.27
1 Max Peak	1.2420 MHz	37.61	-8.38
1 Max Peak	1.2940 MHz	39.02	-6.97
1 Max Peak	1.7260 MHz	30.35	-15.64
1 Max Peak	1.9940 MHz	36.24	-9.75
1 Max Peak	2.8980 MHz	32.99	-13.00
1 Max Peak	3.0340 MHz	33.00	-12.99
1 Max Peak	3.7780 MHz	29.10	-16.89
1 Max Peak	4.5380 MHz	25.50	-20.49
1 Max Peak	6.4140 MHz	22.07	-27.93
1 Max Peak	8.0060 MHz	20.44	-29.55
1 Max Peak	10.0940 MHz	22.62	-27.37

Date: 30.NOV.2006 17:59:57

FCC Conducted Emissions
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P – 115 VAC
FCC Class B – Black Lead
Configuration: In the MF2t-L Printer – Transmit Mode (Worst Case)
Tested By: Kyle Fujimoto



Date: 30.NOV.2006 18:23:08

FCC Conducted Emissions
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P – 115 VAC
FCC Class B – Black Lead
Configuration: In the MF2t-L Printer – Transmit Mode (Worst Case)
Tested By: Kyle Fujimoto

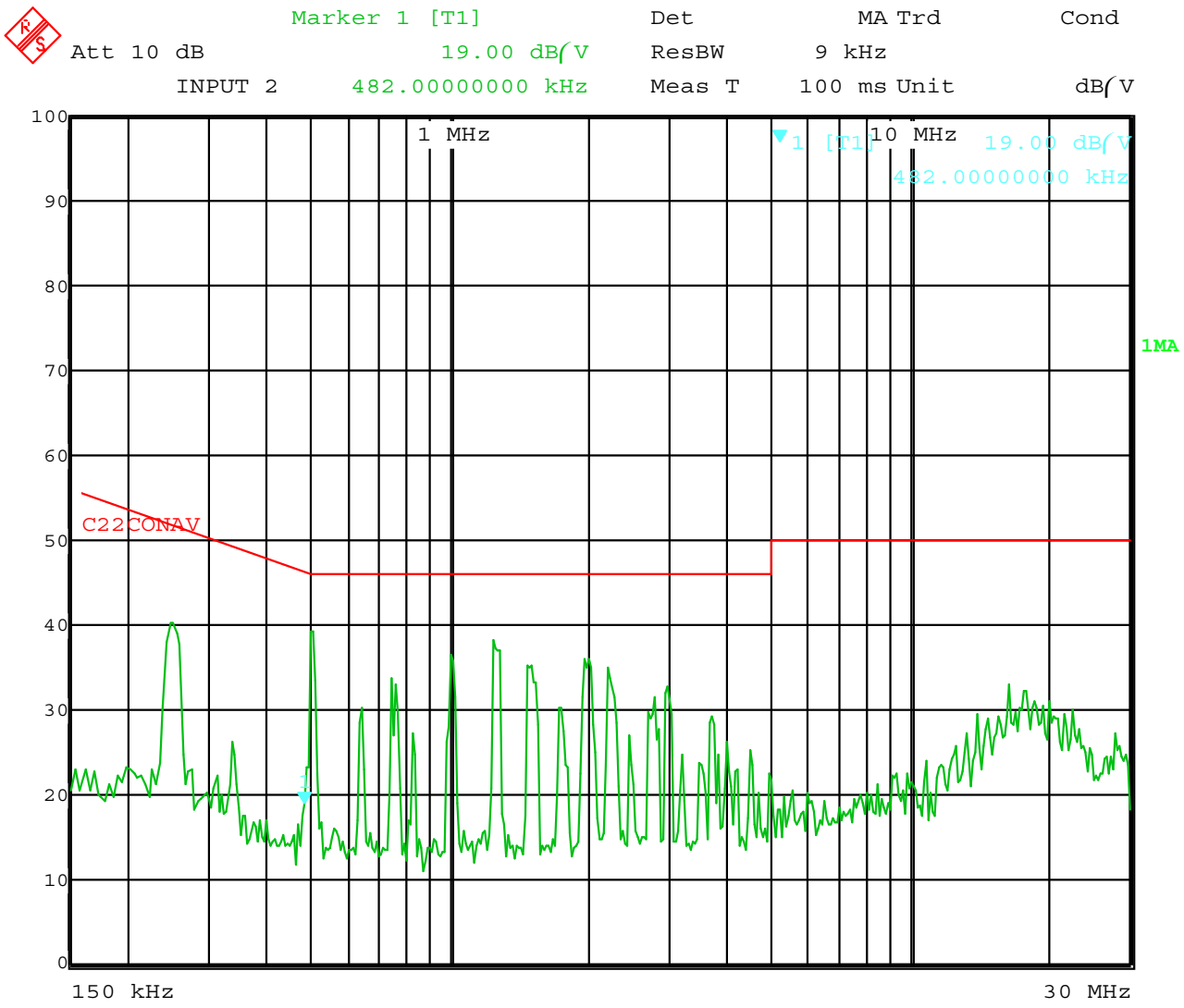
EDIT PEAK LIST (Final Results)

Trace1: C22CONAV
Trace2: ---
Trace3: ---
Trace4: ---

TRACE	FREQUENCY	LEVEL dBµV	DELTA LIMIT dB
1 Max Peak	174.0000 kHz	23.94	-30.82
1 Max Peak	226.0000 kHz	24.21	-28.38
1 Max Peak	254.0000 kHz	38.88	-12.73
1 Max Peak	338.0000 kHz	25.26	-23.98
1 Max Peak	426.0000 kHz	17.46	-29.86
1 Max Peak	502.0000 kHz	39.26	-6.73
1 Max Peak	642.0000 kHz	29.11	-16.88
1 Max Peak	754.0000 kHz	34.06	-11.93
1 Max Peak	994.0000 kHz	37.09	-8.90
1 Max Peak	1.2220 MHz	37.86	-8.13
1 Max Peak	1.2660 MHz	38.11	-7.88
1 Max Peak	1.7540 MHz	28.65	-17.34
1 Max Peak	2.0300 MHz	37.02	-8.97
1 Max Peak	2.7380 MHz	31.31	-14.68
1 Max Peak	2.9780 MHz	32.74	-13.25
1 Max Peak	3.7500 MHz	28.45	-17.54
1 Max Peak	4.4900 MHz	26.27	-19.72
1 Max Peak	5.6020 MHz	23.28	-26.71
1 Max Peak	7.2100 MHz	20.47	-29.52
1 Max Peak	9.9140 MHz	23.82	-26.17

Date: 30.NOV.2006 18:23:34

FCC Conducted Emissions
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P – 115 VAC
FCC Class B – White Lead
Configuration: In the MF2t-L Printer – Transmit Mode (Worst Case)
Tested By: Kyle Fujimoto



Date: 30.NOV.2006 18:21:24

FCC Conducted Emissions
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P – 115 VAC
FCC Class B – White Lead
Configuration: In the MF2t-L Printer – Transmit Mode (Worst Case)
Tested By: Kyle Fujimoto

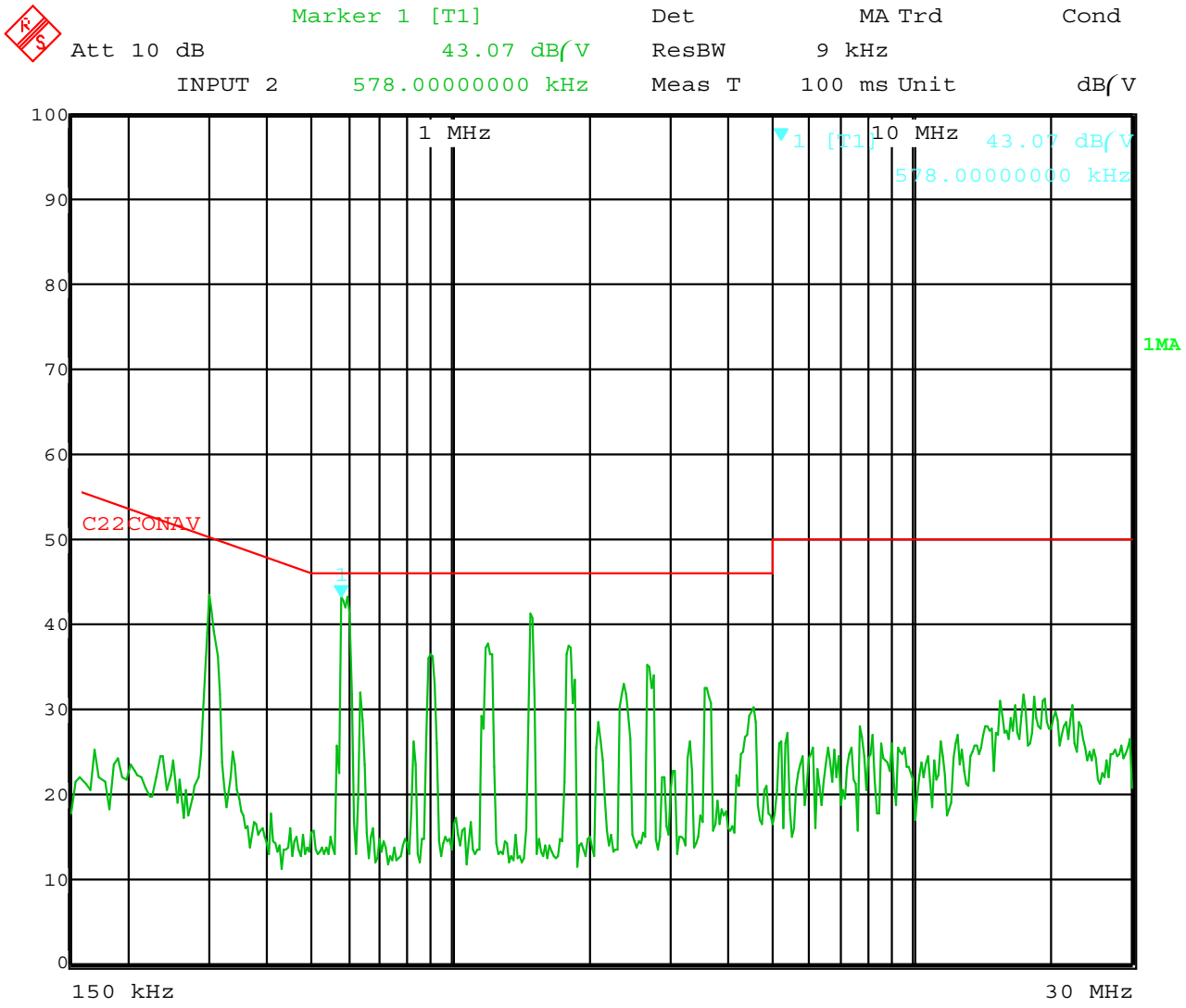
EDIT PEAK LIST (Final Results)

Trace1: C22CONAV
Trace2: ---
Trace3: ---
Trace4: ---

TRACE	FREQUENCY	LEVEL dBµV	DELTA LIMIT dB
1 Max Peak	170.0000 kHz	22.67	-32.28
1 Max Peak	226.0000 kHz	22.94	-29.65
1 Max Peak	250.0000 kHz	40.22	-11.52
1 Max Peak	334.0000 kHz	26.18	-23.16
1 Max Peak	398.0000 kHz	16.84	-31.04
1 Max Peak	498.0000 kHz	39.14	-6.89
1 Max Peak	642.0000 kHz	30.04	-15.95
1 Max Peak	746.0000 kHz	33.67	-12.32
1 Max Peak	1.0100 MHz	36.31	-9.68
1 Max Peak	1.2460 MHz	38.23	-7.76
1 Max Peak	1.2620 MHz	37.10	-8.89
1 Max Peak	1.7420 MHz	30.22	-15.77
1 Max Peak	2.0060 MHz	35.84	-10.15
1 Max Peak	2.8020 MHz	31.37	-14.63
1 Max Peak	2.9620 MHz	32.62	-13.37
1 Max Peak	3.7220 MHz	29.00	-16.99
1 Max Peak	4.5100 MHz	25.17	-20.82
1 Max Peak	5.5900 MHz	20.28	-29.71
1 Max Peak	8.0820 MHz	20.12	-29.87
1 Max Peak	9.8420 MHz	22.43	-27.56

Date: 30.NOV.2006 18:21:52

FCC Conducted Emissions
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P – 115 VAC
FCC Class B – Black Lead
Configuration: In the MF4t-L Printer – Transmit Mode (Worst Case)
Tested By: Kyle Fujimoto



Date: 30.NOV.2006 18:49:06

FCC Conducted Emissions
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P – 115 VAC
FCC Class B – Black Lead
Configuration: In the MF4t-L Printer – Transmit Mode (Worst Case)
Tested By: Kyle Fujimoto

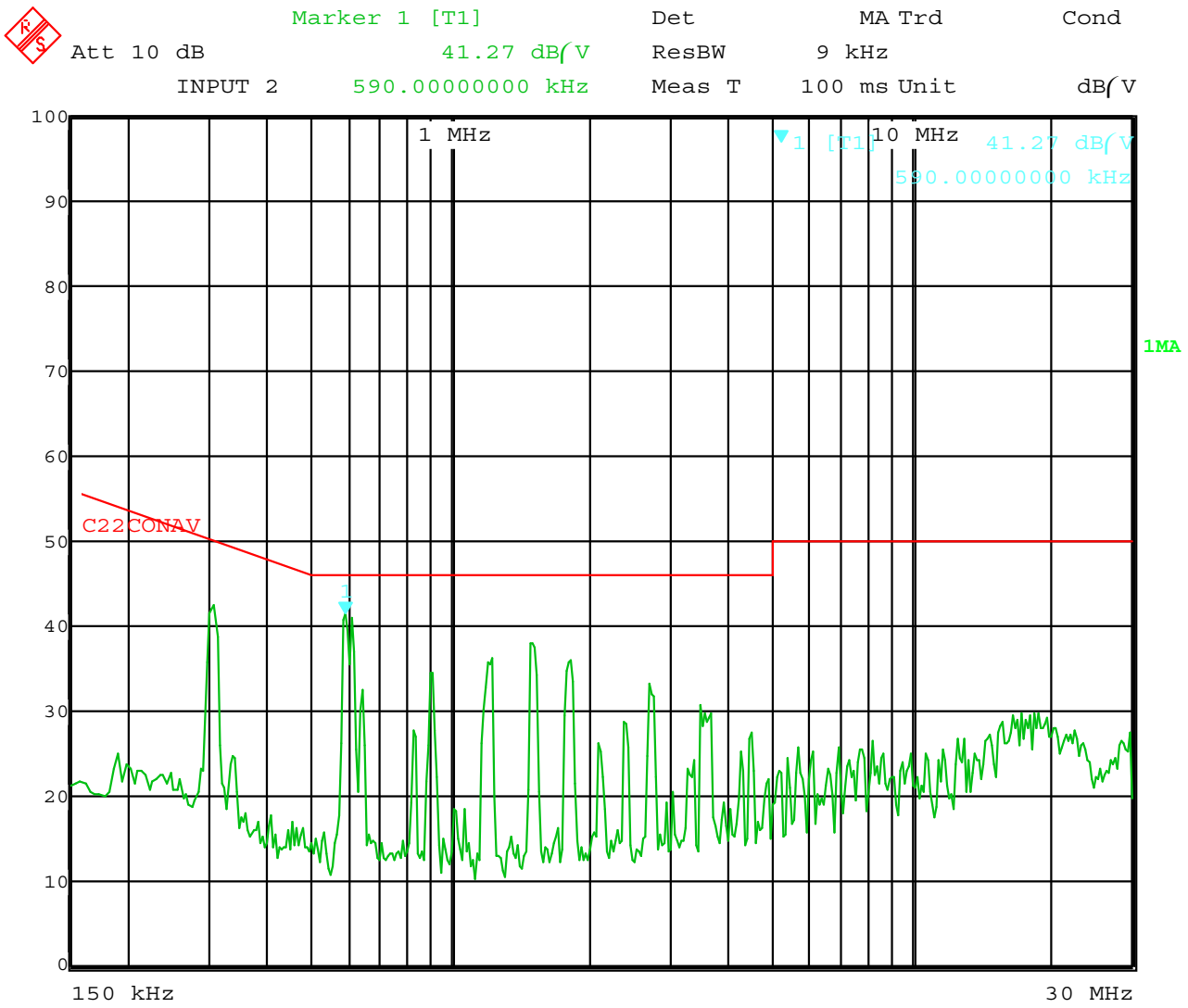
EDIT PEAK LIST (Final Results)

Trace1: C22CONAV
Trace2: ---
Trace3: ---
Trace4: ---

TRACE	FREQUENCY	LEVEL dBµV	DELTA LIMIT dB
1 Max Peak	170.0000 kHz	25.14	-29.81
1 Max Peak	190.0000 kHz	24.07	-29.95
1 Max Peak	238.0000 kHz	24.47	-27.69
1 Max Peak	298.0000 kHz	43.36	-6.93
1 Max Peak	406.0000 kHz	17.58	-30.14
1 Max Peak	502.0000 kHz	15.51	-30.48
1 Max Peak	578.0000 kHz	43.07	-2.92
1 Max Peak	674.0000 kHz	15.89	-30.10
1 Max Peak	906.0000 kHz	36.44	-9.55
1 Max Peak	1.1980 MHz	37.61	-8.38
1 Max Peak	1.4980 MHz	41.12	-4.87
1 Max Peak	1.7980 MHz	37.40	-8.60
1 Max Peak	2.3540 MHz	31.60	-14.39
1 Max Peak	2.6780 MHz	35.06	-10.93
1 Max Peak	3.5780 MHz	32.38	-13.61
1 Max Peak	3.6180 MHz	32.25	-13.74
1 Max Peak	4.5380 MHz	30.03	-15.96
1 Max Peak	6.6260 MHz	25.40	-24.59
1 Max Peak	7.7700 MHz	27.87	-22.13
1 Max Peak	9.0540 MHz	25.90	-24.09

Date: 30.NOV.2006 18:49:34

FCC Conducted Emissions
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P – 115 VAC
FCC Class B – White Lead
Configuration: In the MF4t-L Printer – Transmit Mode (Worst Case)
Tested By: Kyle Fujimoto



Date: 30.NOV.2006 18:50:36

FCC Conducted Emissions
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P – 115 VAC
FCC Class B – White Lead
Configuration: In the MF4t-L Printer – Transmit Mode (Worst Case)
Tested By: Kyle Fujimoto

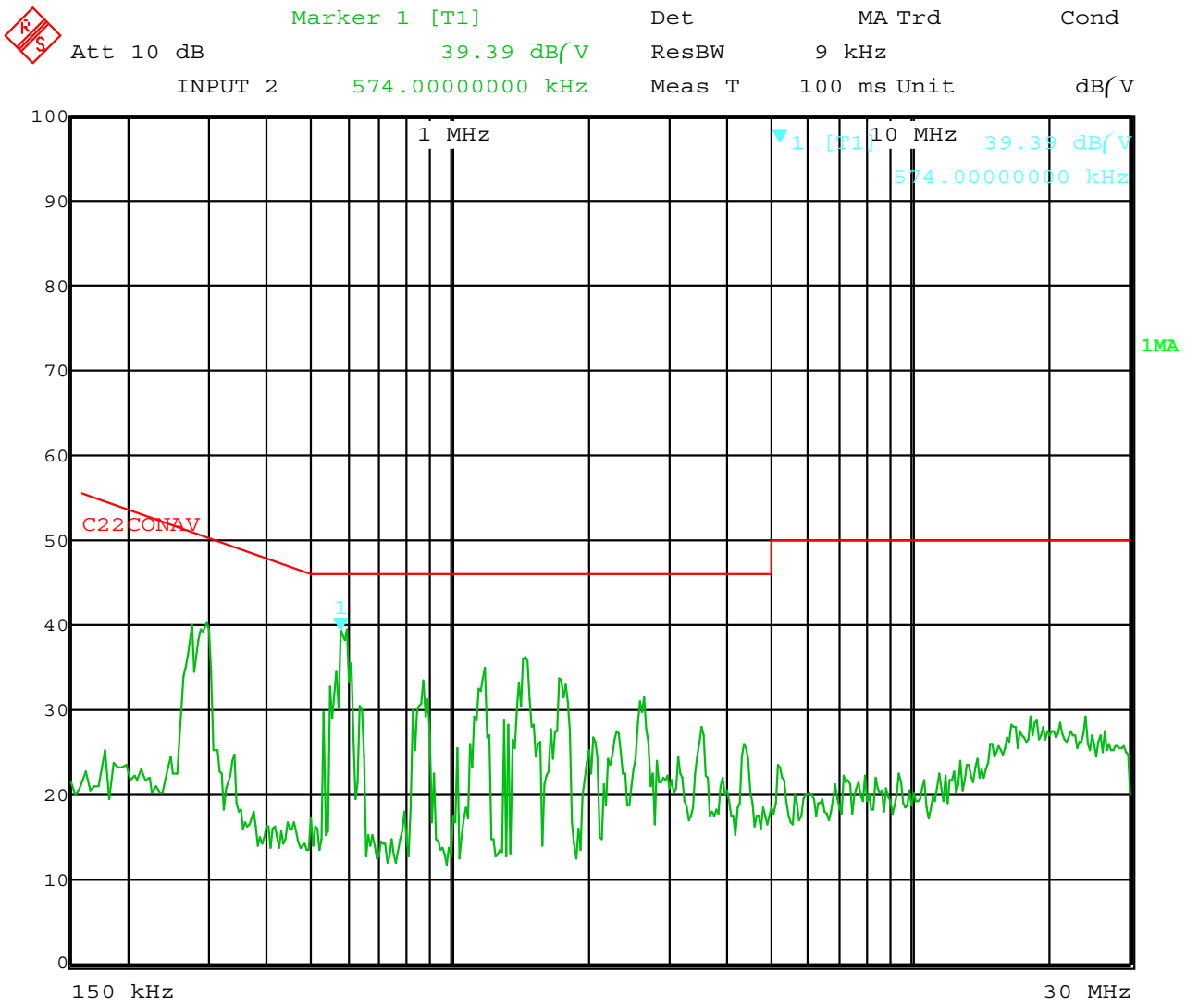
EDIT PEAK LIST (Final Results)

Trace1: C22CONAV
Trace2: ---
Trace3: ---
Trace4: ---

TRACE	FREQUENCY	LEVEL dBµV	DELTA LIMIT dB
1 Max Peak	158.0000 kHz	21.73	-33.83
1 Max Peak	190.0000 kHz	24.93	-29.10
1 Max Peak	246.0000 kHz	22.66	-29.22
1 Max Peak	306.0000 kHz	42.31	-7.75
1 Max Peak	406.0000 kHz	17.69	-30.03
1 Max Peak	450.0000 kHz	16.97	-29.90
1 Max Peak	590.0000 kHz	41.26	-4.73
1 Max Peak	666.0000 kHz	15.25	-30.74
1 Max Peak	906.0000 kHz	34.45	-11.54
1 Max Peak	1.2260 MHz	36.06	-9.93
1 Max Peak	1.5020 MHz	37.99	-8.00
1 Max Peak	1.8260 MHz	35.97	-10.02
1 Max Peak	2.0900 MHz	26.22	-19.78
1 Max Peak	2.7180 MHz	33.11	-12.88
1 Max Peak	3.4980 MHz	30.70	-15.29
1 Max Peak	3.6820 MHz	29.66	-16.33
1 Max Peak	4.4820 MHz	27.39	-18.61
1 Max Peak	5.7020 MHz	25.73	-24.26
1 Max Peak	8.2460 MHz	26.33	-23.66
1 Max Peak	9.9900 MHz	24.83	-25.16

Date: 30.NOV.2006 18:52:17

FCC Conducted Emissions
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P – 115 VAC
FCC Class B – Black Lead
Configuration: In the OC2-L Printer – Transmit Mode (Worst Case)
Tested By: Kyle Fujimoto



Date: 30.NOV.2006 18:59:39

FCC Conducted Emissions
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P – 115 VAC
FCC Class B – Black Lead
Configuration: In the OC2-L Printer – Transmit Mode (Worst Case)
Tested By: Kyle Fujimoto

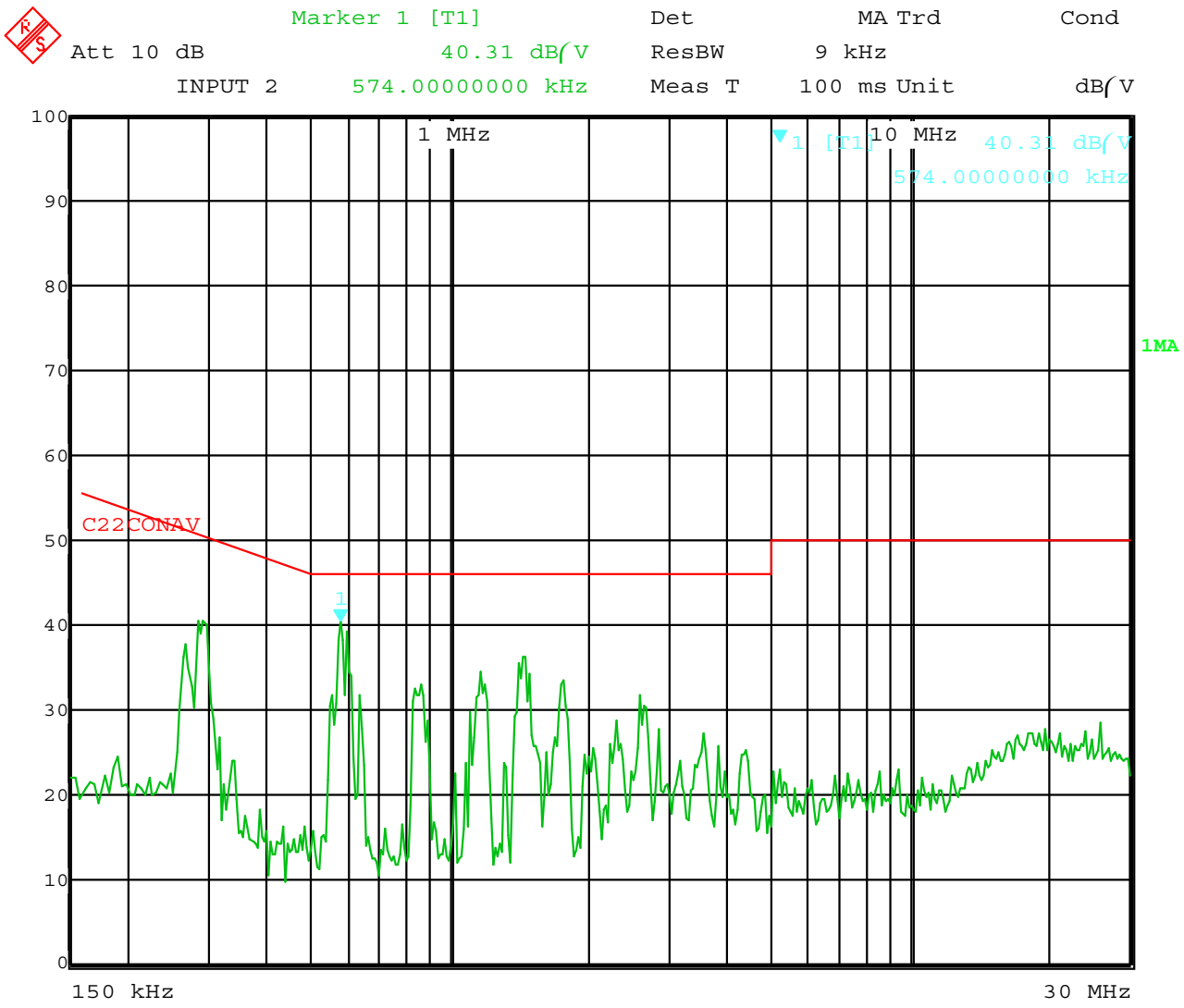
EDIT PEAK LIST (Final Results)

Trace1: C22CONAV
Trace2: ---
Trace3: ---
Trace4: ---

TRACE	FREQUENCY	LEVEL dBµV	DELTA LIMIT dB
1 Max Peak	178.0000 kHz	25.01	-29.56
1 Max Peak	214.0000 kHz	22.75	-30.29
1 Max Peak	274.0000 kHz	39.80	-11.19
1 Max Peak	294.0000 kHz	40.06	-10.34
1 Max Peak	370.0000 kHz	17.94	-30.55
1 Max Peak	530.0000 kHz	29.51	-16.48
1 Max Peak	574.0000 kHz	39.39	-6.60
1 Max Peak	798.0000 kHz	17.81	-28.18
1 Max Peak	878.0000 kHz	33.28	-12.71
1 Max Peak	1.1900 MHz	34.86	-11.13
1 Max Peak	1.4620 MHz	36.21	-9.78
1 Max Peak	1.7300 MHz	33.72	-12.27
1 Max Peak	2.3140 MHz	27.29	-18.70
1 Max Peak	2.6540 MHz	31.31	-14.68
1 Max Peak	3.5300 MHz	27.82	-18.17
1 Max Peak	4.3620 MHz	25.88	-20.11
1 Max Peak	4.5020 MHz	20.19	-25.80
1 Max Peak	6.0580 MHz	20.21	-29.78
1 Max Peak	7.1940 MHz	22.07	-27.92
1 Max Peak	9.4980 MHz	22.46	-27.53

Date: 30.NOV.2006 19:00:05

FCC Conducted Emissions
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P – 115 VAC
FCC Class B – White Lead
Configuration: In the OC2-L Printer – Transmit Mode (Worst Case)
Tested By: Kyle Fujimoto



Date: 30.NOV.2006 18:58:18

FCC Conducted Emissions
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P – 115 VAC
FCC Class B – White Lead
Configuration: In the OC2-L Printer – Transmit Mode (Worst Case)
Tested By: Kyle Fujimoto

EDIT PEAK LIST (Final Results)

Trace1: C22CONAV Trace2: ---

Trace3: --- Trace4: ---

TRACE	FREQUENCY	LEVEL dBµV	DELTA LIMIT dB
1 Max Peak	178.0000 kHz	22.00	-32.57
1 Max Peak	190.0000 kHz	24.39	-29.64
1 Max Peak	282.0000 kHz	40.34	-10.40
1 Max Peak	290.0000 kHz	40.47	-10.04
1 Max Peak	382.0000 kHz	18.07	-30.15
1 Max Peak	482.0000 kHz	16.17	-30.13
1 Max Peak	574.0000 kHz	40.31	-5.69
1 Max Peak	786.0000 kHz	16.29	-29.70
1 Max Peak	870.0000 kHz	32.76	-13.23
1 Max Peak	1.1620 MHz	34.33	-11.66
1 Max Peak	1.4620 MHz	36.08	-9.91
1 Max Peak	1.7700 MHz	33.46	-12.54
1 Max Peak	2.2980 MHz	28.67	-17.32
1 Max Peak	2.5980 MHz	31.51	-14.48
1 Max Peak	3.5620 MHz	27.22	-18.77
1 Max Peak	3.8540 MHz	25.53	-20.46
1 Max Peak	4.4740 MHz	22.11	-23.88
1 Max Peak	6.1580 MHz	21.50	-28.49
1 Max Peak	7.3380 MHz	22.35	-27.64
1 Max Peak	9.4340 MHz	22.82	-27.17

Date: 30.NOV.2006 18:58:39

RADIATED EMISSIONS

DATA SHEETS

FCC 15.247
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P
Configuration: In the LP3-L Printer

Date: 11/28/06
Lab: B
Tested By: Kyle Fujmoto

Low Channel
Transmit Mode - Desktop Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4804	39.55	V	74	-34.45	Peak	1.54	45	
4804	19.55	V	54	-34.45	Avg	1.54	45	
7206	42.58	V	74	-31.42	Peak	1.54	45	
7206	22.58	V	54	-31.42	Avg	1.54	45	
9608		V	--	--	Peak			**No Emission**
9608		V	--	--	Avg			**Detected**
12010		V	74	-74	Peak			**No Emission**
12010		V	54	-54	Avg			**Detected**
14412		V	74	-74	Peak			**No Emission**
14412		V	54	-54	Avg			**Detected**
16814		V	--	--	Peak			**No Emission**
16814		V	--	--	Avg			**Detected**
19216		V	74	-74	Peak			**No Emission**
19216		V	54	-54	Avg			**Detected**
21618		V	--	--	Peak			**No Emission**
21618		V	--	--	Avg			**Detected**
24020		V	--	--	Peak			**No Emission**
24020		V	--	--	Avg			**Detected**

FCC 15.247
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P
Configuration: In the LP3-L Printer

Date: 11/28/06
Lab: B
Tested By: Kyle Fujmoto

Low Channel
Transmit Mode - Belt Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4804	37.56	V	74	-36.44	Peak	1.99	135	
4804	17.56	V	54	-36.44	Avg	1.99	135	
7206	40.89	V	74	-33.11	Peak	1.99	135	
7206	20.89	V	54	-33.11	Avg	1.99	135	
9608		V	--	--	Peak			**No Emission**
9608		V	--	--	Avg			**Detected**
12010		V	74	-74	Peak			**No Emission**
12010		V	54	-54	Avg			**Detected**
14412		V	74	-74	Peak			**No Emission**
14412		V	54	-54	Avg			**Detected**
16814		V	--	--	Peak			**No Emission**
16814		V	--	--	Avg			**Detected**
19216		V	74	-74	Peak			**No Emission**
19216		V	54	-54	Avg			**Detected**
21618		V	--	--	Peak			**No Emission**
21618		V	--	--	Avg			**Detected**
24020		V	--	--	Peak			**No Emission**
24020		V	--	--	Avg			**Detected**

FCC 15.247
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P
Configuration: In the LP3-L Printer

Date: 11/28/06
Lab: B
Tested By: Kyle Fujmoto

Low Channel
Transmit Mode - Desktop Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4804	35.37	H	74	-38.63	Peak	1.99	135	
4804	15.37	H	54	-38.63	Avg	1.99	135	
7206	39.07	H	74	-34.93	Peak	1.99	180	
7206	19.07	H	54	-34.93	Avg	1.99	180	
9608		H	--	--	Peak			**No Emission**
9608		H	--	--	Avg			**Detected**
12010		H	74	-74	Peak			**No Emission**
12010		H	54	-54	Avg			**Detected**
14412		H	74	-74	Peak			**No Emission**
14412		H	54	-54	Avg			**Detected**
16814		H	--	--	Peak			**No Emission**
16814		H	--	--	Avg			**Detected**
19216		H	74	-74	Peak			**No Emission**
19216		H	54	-54	Avg			**Detected**
21618		H	--	--	Peak			**No Emission**
21618		H	--	--	Avg			**Detected**
24020		H	--	--	Peak			**No Emission**
24020		H	--	--	Avg			**Detected**

FCC 15.247
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P
Configuration: In the LP3-L Printer

Date: 11/28/06
Lab: B
Tested By: Kyle Fujmoto

Low Channel
Transmit Mode - Belt Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4804	40.27	H	74	-33.73	Peak	1.74	135	
4804	20.27	H	54	-33.73	Avg	1.74	135	
7206	38.89	H	74	-35.11	Peak	1.75	135	
7206	18.89	H	54	-35.11	Avg	1.75	135	
9608		H	--	--	Peak			**No Emission**
9608		H	--	--	Avg			**Detected**
12010		H	74	-74	Peak			**No Emission**
12010		H	54	-54	Avg			**Detected**
14412		H	74	-74	Peak			**No Emission**
14412		H	54	-54	Avg			**Detected**
16814		H	--	--	Peak			**No Emission**
16814		H	--	--	Avg			**Detected**
19216		H	74	-74	Peak			**No Emission**
19216		H	54	-54	Avg			**Detected**
21618		H	--	--	Peak			**No Emission**
21618		H	--	--	Avg			**Detected**
24020		H	--	--	Peak			**No Emission**
24020		H	--	--	Avg			**Detected**

FCC 15.247
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P
Configuration: In the LP3-L Printer

Date: 11/28/06
Lab: B
Tested By: Kyle Fujmoto

Middle Channel
Transmit Mode - Desktop Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4882	37.37	V	74	-36.63	Peak	1.74	135	
4882	17.37	V	54	-36.63	Avg	1.74	135	
7323	39.59	V	74	-34.41	Peak	1.74	135	
7323	19.59	V	54	-34.41	Avg	1.74	135	
9764		V	--	--	Peak			**No Emission**
9764		V	--	--	Avg			**Detected**
12205		V	74	-74	Peak			**No Emission**
12205		V	54	-54	Avg			**Detected**
14646		V	--	--	Peak			**No Emission**
14646		V	--	--	Avg			**Detected**
17087		V	--	--	Peak			**No Emission**
17087		V	--	--	Avg			**Detected**
19528		V	74	-74	Peak			**No Emission**
19528		V	54	-54	Avg			**Detected**
21969		V	--	--	Peak			**No Emission**
21969		V	--	--	Avg			**Detected**
24410		V	74	-74	Peak			**No Emission**
24410		V	54	-54	Avg			**Detected**

FCC 15.247
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P
Configuration: In the LP3-L Printer

Date: 11/28/06
Lab: B
Tested By: Kyle Fujmoto

Middle Channel
Transmit Mode - Belt Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4882	37.88	V	74	-36.12	Peak	1.83	135	
4882	17.88	V	54	-36.12	Avg	1.83	135	
7323	39.89	V	74	-34.11	Peak	1.83	135	
7323	19.89	V	54	-34.11	Avg	1.83	135	
9764		V	--	--	Peak			**No Emission**
9764		V	--	--	Avg			**Detected**
12205		V	74	-74	Peak			**No Emission**
12205		V	54	-54	Avg			**Detected**
14646		V	--	--	Peak			**No Emission**
14646		V	--	--	Avg			**Detected**
17087		V	--	--	Peak			**No Emission**
17087		V	--	--	Avg			**Detected**
19528		V	74	-74	Peak			**No Emission**
19528		V	54	-54	Avg			**Detected**
21969		V	--	--	Peak			**No Emission**
21969		V	--	--	Avg			**Detected**
24410		V	74	-74	Peak			**No Emission**
24410		V	54	-54	Avg			**Detected**

FCC 15.247
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P
Configuration: In the LP3-L Printer

Date: 11/28/06
Lab: B
Tested By: Kyle Fujmoto

Middle Channel
Transmit Mode - Desktop Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4882	38.41	H	74	-35.59	Peak	1.75	225	
4882	18.41	H	54	-35.59	Avg	1.75	225	
7323	40.35	H	74	-33.65	Peak	1.36	180	
7323	20.35	H	54	-33.65	Avg	136	180	
9764		H	--	--	Peak			**No Emission**
9764		H	--	--	Avg			**Detected**
12205		H	74	-74	Peak			**No Emission**
12205		H	54	-54	Avg			**Detected**
14646		H	--	--	Peak			**No Emission**
14646		H	--	--	Avg			**Detected**
17087		H	--	--	Peak			**No Emission**
17087		H	--	--	Avg			**Detected**
19528		H	74	-74	Peak			**No Emission**
19528		H	54	-54	Avg			**Detected**
21969		H	--	--	Peak			**No Emission**
21969		H	--	--	Avg			**Detected**
24410		H	74	-74	Peak			**No Emission**
24410		H	54	-54	Avg			**Detected**

FCC 15.247
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P
Configuration: In the LP3-L Printer

Date: 11/28/06
Lab: B
Tested By: Kyle Fujmoto

Middle Channel
Transmit Mode - Belt Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4882	36.88	H	74	-37.12	Peak	1.72	135	
4882	16.88	H	54	-37.12	Avg	1.72	135	
7323	39.98	H	74	-34.02	Peak	1.66	135	
7323	19.98	H	54	-34.02	Avg	1.66	135	
9764		H	--	--	Peak			**No Emission**
9764		H	--	--	Avg			**Detected**
12205		H	74	-74	Peak			**No Emission**
12205		H	54	-54	Avg			**Detected**
14646		H	--	--	Peak			**No Emission**
14646		H	--	--	Avg			**Detected**
17087		H	--	--	Peak			**No Emission**
17087		H	--	--	Avg			**Detected**
19528		H	74	-74	Peak			**No Emission**
19528		H	54	-54	Avg			**Detected**
21969		H	--	--	Peak			**No Emission**
21969		H	--	--	Avg			**Detected**
24410		H	74	-74	Peak			**No Emission**
24410		H	54	-54	Avg			**Detected**

FCC 15.247
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P
Configuration: In the LP3-L Printer

Date: 11/28/06
Lab: B
Tested By: Kyle Fujmoto

High Channel
Transmit Mode - Desktop Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4960	36.16	V	74	-37.84	Peak	1.35	225	
4960	16.16	V	54	-37.84	Avg	1.35	225	
7440	41.61	V	74	-32.39	Peak	1.97	315	
7440	21.61	V	54	-32.39	Avg	1.97	315	
9920		V	--	--	Peak			**No Emission**
9920		V	--	--	Avg			**Detected**
12400		V	74	-74	Peak			**No Emission**
12400		V	54	-54	Avg			**Detected**
14880		V	--	--	Peak			**No Emission**
14880		V	--	--	Avg			**Detected**
17360		V	--	--	Peak			**No Emission**
17360		V	--	--	Avg			**Detected**
19840		V	74	-74	Peak			**No Emission**
19840		V	54	-54	Avg			**Detected**
22320		V	74	-74	Peak			**No Emission**
22320		V	54	-54	Avg			**Detected**
24800		V	--	--	Peak			**No Emission**
24800		V	--	--	Avg			**Detected**

FCC 15.247
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P
Configuration: In the LP3-L Printer

Date: 11/28/06
Lab: B
Tested By: Kyle Fujmoto

High Channel
Transmit Mode - Belt Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4960	38.33	V	74	-35.67	Peak	1.83	135	
4960	18.33	V	54	-35.67	Avg	1.83	135	
7440	39.74	V	74	-34.26	Peak	1.83	135	
7440	19.74	V	54	-34.26	Avg	1.83	135	
9920		V	--	--	Peak			**No Emission**
9920		V	--	--	Avg			**Detected**
12400		V	74	-74	Peak			**No Emission**
12400		V	54	-54	Avg			**Detected**
14880		V	--	--	Peak			**No Emission**
14880		V	--	--	Avg			**Detected**
17360		V	--	--	Peak			**No Emission**
17360		V	--	--	Avg			**Detected**
19840		V	74	-74	Peak			**No Emission**
19840		V	54	-54	Avg			**Detected**
22320		V	74	-74	Peak			**No Emission**
22320		V	54	-54	Avg			**Detected**
24800		V	--	--	Peak			**No Emission**
24800		V	--	--	Avg			**Detected**

FCC 15.247
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P
Configuration: In the LP3-L Printer

Date: 11/28/06
Lab: B
Tested By: Kyle Fujmoto

High Channel
Transmit Mode - Desktop Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4960	37.33	H	74	-36.67	Peak	3.64	135	
4960	17.33	H	54	-36.67	Avg	3.64	135	
7440	40.34	H	74	-33.66	Peak	3.92	135	
7440	20.34	H	54	-33.66	Avg	3.92	135	
9920		H	--	--	Peak			**No Emission**
9920		H	--	--	Avg			**Detected**
12400		H	74	-74	Peak			**No Emission**
12400		H	54	-54	Avg			**Detected**
14880		H	--	--	Peak			**No Emission**
14880		H	--	--	Avg			**Detected**
17360		H	--	--	Peak			**No Emission**
17360		H	--	--	Avg			**Detected**
19840		H	74	-74	Peak			**No Emission**
19840		H	54	-54	Avg			**Detected**
22320		H	74	-74	Peak			**No Emission**
22320		H	54	-54	Avg			**Detected**
24800		H	--	--	Peak			**No Emission**
24800		H	--	--	Avg			**Detected**

FCC 15.247
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P
Configuration: In the LP3-L Printer

Date: 11/28/06
Lab: B
Tested By: Kyle Fujmoto

High Channel
Transmit Mode - Belt Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4960	36.55	H	74	-37.45	Peak	3.62	135	
4960	16.55	H	54	-37.45	Avg	3.62	135	
7440	40.08	H	74	-33.92	Peak	3.62	135	
7440	20.08	H	54	-33.92	Avg	3.62	135	
9920		H	--	--	Peak			**No Emission**
9920		H	--	--	Avg			**Detected**
12400		H	74	-74	Peak			**No Emission**
12400		H	54	-54	Avg			**Detected**
14880		H	--	--	Peak			**No Emission**
14880		H	--	--	Avg			**Detected**
17360		H	--	--	Peak			**No Emission**
17360		H	--	--	Avg			**Detected**
19840		H	74	-74	Peak			**No Emission**
19840		H	54	-54	Avg			**Detected**
22320		H	74	-74	Peak			**No Emission**
22320		H	54	-54	Avg			**Detected**
24800		H	--	--	Peak			**No Emission**
24800		H	--	--	Avg			**Detected**

FCC 15.247 and FCC Class B
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P
Configuration: In the LP3-L Printer

Date: 11/28/06
Lab: B
Tested By: Kyle Fujmoto

Non Harmonic Emissions from the Tx and Digital Portion -- 10 kHz to 25000 MHz

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
								No Emissions Found for the
								Digital Portion
								from 10 kHz to 25000 MHz
								for both Vertical and Horizontal
								Polarizations
								No Non Harmonic Emissions Found
								for the Tx Mode
								from 10 kHz to 25000 MHz
								for both Vertical and Horizontal
								Polarizations
								investigated in Desktop
								and Belt Axis

RSS-210
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P
Configuration: In the LP3-L Printer

Date: 11/28/06
Lab: B
Tested By: Kyle Fujmoto

Middle Channel
Receive Mode

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
								No Emissions Found for the
								Receive Mode
								from 10 kHz to 25000 MHz
								for both Vertical and Horizontal
								Polarizations
								investigated in Desktop
								and Belt Axis

FCC 15.247
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P
Configuration: In the MF2t-L Printer

Date: 11/28/06
Lab: B
Tested By: Kyle Fujmoto

Low Channel
Transmit Mode - Desktop Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4804	40.57	V	74	-33.43	Peak	1	180	
4804	20.57	V	54	-33.43	Avg	1	180	
7206	37.35	V	74	-36.65	Peak	1	180	
7206	17.35	V	54	-36.65	Avg	1	180	
9608		V	--	--	Peak			**No Emission**
9608		V	--	--	Avg			**Detected**
12010		V	74	-74	Peak			**No Emission**
12010		V	54	-54	Avg			**Detected**
14412		V	74	-74	Peak			**No Emission**
14412		V	54	-54	Avg			**Detected**
16814		V	--	--	Peak			**No Emission**
16814		V	--	--	Avg			**Detected**
19216		V	74	-74	Peak			**No Emission**
19216		V	54	-54	Avg			**Detected**
21618		V	--	--	Peak			**No Emission**
21618		V	--	--	Avg			**Detected**
24020		V	--	--	Peak			**No Emission**
24020		V	--	--	Avg			**Detected**

FCC 15.247
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P
Configuration: In the MF2t-L Printer

Date: 11/28/06
Lab: B
Tested By: Kyle Fujmoto

Low Channel
Transmit Mode - Belt Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4804	41.43	V	74	-32.57	Peak	1.53	135	
4804	21.43	V	54	-32.57	Avg	1.53	135	
7206	38.98	V	74	-35.02	Peak	2.02	135	
7206	18.98	V	54	-35.02	Avg	2.02	135	
9608		V	--	--	Peak			**No Emission**
9608		V	--	--	Avg			**Detected**
12010		V	74	-74	Peak			**No Emission**
12010		V	54	-54	Avg			**Detected**
14412		V	74	-74	Peak			**No Emission**
14412		V	54	-54	Avg			**Detected**
16814		V	--	--	Peak			**No Emission**
16814		V	--	--	Avg			**Detected**
19216		V	74	-74	Peak			**No Emission**
19216		V	54	-54	Avg			**Detected**
21618		V	--	--	Peak			**No Emission**
21618		V	--	--	Avg			**Detected**
24020		V	--	--	Peak			**No Emission**
24020		V	--	--	Avg			**Detected**

FCC 15.247
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P
Configuration: In the MF2t-L Printer

Date: 11/28/06
Lab: B
Tested By: Kyle Fujmoto

Low Channel
Transmit Mode - Desktop Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4804	43.25	H	74	-30.75	Peak	1.75	135	
4804	23.25	H	54	-30.75	Avg	1.75	135	
7206	38.83	H	74	-35.17	Peak	2.12	180	
7206	18.83	H	54	-35.17	Avg	2.12	180	
9608		H	--	--	Peak			**No Emission**
9608		H	--	--	Avg			**Detected**
12010		H	74	-74	Peak			**No Emission**
12010		H	54	-54	Avg			**Detected**
14412		H	74	-74	Peak			**No Emission**
14412		H	54	-54	Avg			**Detected**
16814		H	--	--	Peak			**No Emission**
16814		H	--	--	Avg			**Detected**
19216		H	74	-74	Peak			**No Emission**
19216		H	54	-54	Avg			**Detected**
21618		H	--	--	Peak			**No Emission**
21618		H	--	--	Avg			**Detected**
24020		H	--	--	Peak			**No Emission**
24020		H	--	--	Avg			**Detected**

FCC 15.247
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P
Configuration: In the MF2t-L Printer

Date: 11/28/06
Lab: B
Tested By: Kyle Fujmoto

Low Channel
Transmit Mode - Belt Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4804	44.07	H	74	-29.93	Peak	2.26	135	
4804	24.07	H	54	-29.93	Avg	2.26	135	
7206	38.06	H	74	-35.94	Peak	2.26	135	
7206	18.06	H	54	-35.94	Avg	2.26	135	
9608		H	--	--	Peak			**No Emission**
9608		H	--	--	Avg			**Detected**
12010		H	74	-74	Peak			**No Emission**
12010		H	54	-54	Avg			**Detected**
14412		H	74	-74	Peak			**No Emission**
14412		H	54	-54	Avg			**Detected**
16814		H	--	--	Peak			**No Emission**
16814		H	--	--	Avg			**Detected**
19216		H	74	-74	Peak			**No Emission**
19216		H	54	-54	Avg			**Detected**
21618		H	--	--	Peak			**No Emission**
21618		H	--	--	Avg			**Detected**
24020		H	--	--	Peak			**No Emission**
24020		H	--	--	Avg			**Detected**

FCC 15.247
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P
Configuration: In the MF2t-L Printer

Date: 11/28/06
Lab: B
Tested By: Kyle Fujmoto

Middle Channel
Transmit Mode - Desktop Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4882	38.26	V	74	-35.74	Peak	2.77	135	
4882	18.26	V	54	-35.74	Avg	2.77	135	
7323	39.53	V	74	-34.47	Peak	2.63	135	
7323	19.53	V	54	-34.47	Avg	2.63	135	
9764		V	--	--	Peak			**No Emission**
9764		V	--	--	Avg			**Detected**
12205		V	74	-74	Peak			**No Emission**
12205		V	54	-54	Avg			**Detected**
14646		V	--	--	Peak			**No Emission**
14646		V	--	--	Avg			**Detected**
17087		V	--	--	Peak			**No Emission**
17087		V	--	--	Avg			**Detected**
19528		V	74	-74	Peak			**No Emission**
19528		V	54	-54	Avg			**Detected**
21969		V	--	--	Peak			**No Emission**
21969		V	--	--	Avg			**Detected**
24410		V	74	-74	Peak			**No Emission**
24410		V	54	-54	Avg			**Detected**

FCC 15.247
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P
Configuration: In the MF2t-L Printer

Date: 11/28/06
Lab: B
Tested By: Kyle Fujmoto

Middle Channel
Transmit Mode - Belt Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4882	38.48	V	74	-35.52	Peak	1.75	135	
4882	18.48	V	54	-35.52	Avg	1.75	135	
7323	39.62	V	74	-34.38	Peak	1.75	315	
7323	19.62	V	54	-34.38	Avg	1.75	315	
9764		V	--	--	Peak			**No Emission**
9764		V	--	--	Avg			**Detected**
12205		V	74	-74	Peak			**No Emission**
12205		V	54	-54	Avg			**Detected**
14646		V	--	--	Peak			**No Emission**
14646		V	--	--	Avg			**Detected**
17087		V	--	--	Peak			**No Emission**
17087		V	--	--	Avg			**Detected**
19528		V	74	-74	Peak			**No Emission**
19528		V	54	-54	Avg			**Detected**
21969		V	--	--	Peak			**No Emission**
21969		V	--	--	Avg			**Detected**
24410		V	74	-74	Peak			**No Emission**
24410		V	54	-54	Avg			**Detected**

FCC 15.247
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P
Configuration: In the MF2t-L Printer

Date: 11/28/06
Lab: B
Tested By: Kyle Fujmoto

Middle Channel
Transmit Mode - Desktop Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4882	37.72	H	74	-36.28	Peak	3.33	225	
4882	17.72	H	54	-36.28	Avg	3.33	225	
7323	40.45	H	74	-33.55	Peak	2.25	135	
7323	20.45	H	54	-33.55	Avg	2.25	135	
9764		H	--	--	Peak			**No Emission**
9764		H	--	--	Avg			**Detected**
12205		H	74	-74	Peak			**No Emission**
12205		H	54	-54	Avg			**Detected**
14646		H	--	--	Peak			**No Emission**
14646		H	--	--	Avg			**Detected**
17087		H	--	--	Peak			**No Emission**
17087		H	--	--	Avg			**Detected**
19528		H	74	-74	Peak			**No Emission**
19528		H	54	-54	Avg			**Detected**
21969		H	--	--	Peak			**No Emission**
21969		H	--	--	Avg			**Detected**
24410		H	74	-74	Peak			**No Emission**
24410		H	54	-54	Avg			**Detected**

FCC 15.247
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P
Configuration: In the MF2t-L Printer

Date: 11/28/06
Lab: B
Tested By: Kyle Fujmoto

Middle Channel
Transmit Mode - Belt Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4882	42.43	H	74	-31.57	Peak	2.32	115	
4882	22.43	H	54	-31.57	Avg	2.32	115	
7323	48.31	H	74	-25.69	Peak	2.32	135	
7323	28.31	H	54	-25.69	Avg	2.32	135	
9764		H	--	--	Peak			**No Emission**
9764		H	--	--	Avg			**Detected**
12205		H	74	-74	Peak			**No Emission**
12205		H	54	-54	Avg			**Detected**
14646		H	--	--	Peak			**No Emission**
14646		H	--	--	Avg			**Detected**
17087		H	--	--	Peak			**No Emission**
17087		H	--	--	Avg			**Detected**
19528		H	74	-74	Peak			**No Emission**
19528		H	54	-54	Avg			**Detected**
21969		H	--	--	Peak			**No Emission**
21969		H	--	--	Avg			**Detected**
24410		H	74	-74	Peak			**No Emission**
24410		H	54	-54	Avg			**Detected**

FCC 15.247
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P
Configuration: In the MF2t-L Printer

Date: 11/28/06
Lab: B
Tested By: Kyle Fujmoto

High Channel
Transmit Mode - Desktop Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4960	38.48	V	74	-35.52	Peak	2.25	135	
4960	18.48	V	54	-35.52	Avg	2.25	135	
7440	39.94	V	74	-34.06	Peak	1.25	180	
7440	19.94	V	54	-34.06	Avg	1.25	180	
9920		V	--	--	Peak			**No Emission**
9920		V	--	--	Avg			**Detected**
12400		V	74	-74	Peak			**No Emission**
12400		V	54	-54	Avg			**Detected**
14880		V	--	--	Peak			**No Emission**
14880		V	--	--	Avg			**Detected**
17360		V	--	--	Peak			**No Emission**
17360		V	--	--	Avg			**Detected**
19840		V	74	-74	Peak			**No Emission**
19840		V	54	-54	Avg			**Detected**
22320		V	74	-74	Peak			**No Emission**
22320		V	54	-54	Avg			**Detected**
24800		V	--	--	Peak			**No Emission**
24800		V	--	--	Avg			**Detected**

FCC 15.247
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P
Configuration: In the MF2t-L Printer

Date: 11/28/06
Lab: B
Tested By: Kyle Fujmoto

High Channel
Transmit Mode - Belt Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4960	38.73	V	74	-35.27	Peak	1.25	135	
4960	18.73	V	54	-35.27	Avg	1.25	135	
7440	39.15	V	74	-34.85	Peak	3.92	135	
7440	19.15	V	54	-34.85	Avg	3.92	135	
9920		V	--	--	Peak			**No Emission**
9920		V	--	--	Avg			**Detected**
12400		V	74	-74	Peak			**No Emission**
12400		V	54	-54	Avg			**Detected**
14880		V	--	--	Peak			**No Emission**
14880		V	--	--	Avg			**Detected**
17360		V	--	--	Peak			**No Emission**
17360		V	--	--	Avg			**Detected**
19840		V	74	-74	Peak			**No Emission**
19840		V	54	-54	Avg			**Detected**
22320		V	74	-74	Peak			**No Emission**
22320		V	54	-54	Avg			**Detected**
24800		V	--	--	Peak			**No Emission**
24800		V	--	--	Avg			**Detected**

FCC 15.247
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P
Configuration: In the MF2t-L Printer

Date: 11/28/06
Lab: B
Tested By: Kyle Fujmoto

High Channel
Transmit Mode - Desktop Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4960	41.23	H	74	-32.77	Peak	2.32	135	
4960	21.23	H	54	-32.77	Avg	2.32	135	
7440	41.51	H	74	-32.49	Peak	2.05	135	
7440	21.51	H	54	-32.49	Avg	2.05	135	
9920		H	--	--	Peak			**No Emission**
9920		H	--	--	Avg			**Detected**
12400		H	74	-74	Peak			**No Emission**
12400		H	54	-54	Avg			**Detected**
14880		H	--	--	Peak			**No Emission**
14880		H	--	--	Avg			**Detected**
17360		H	--	--	Peak			**No Emission**
17360		H	--	--	Avg			**Detected**
19840		H	74	-74	Peak			**No Emission**
19840		H	54	-54	Avg			**Detected**
22320		H	74	-74	Peak			**No Emission**
22320		H	54	-54	Avg			**Detected**
24800		H	--	--	Peak			**No Emission**
24800		H	--	--	Avg			**Detected**

FCC 15.247
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P
Configuration: In the MF2t-L Printer

Date: 11/28/06
Lab: B
Tested By: Kyle Fujmoto

High Channel
Transmit Mode - Belt Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4960	41.07	H	74	-32.93	Peak	1.54	135	
4960	21.07	H	54	-32.93	Avg	1.54	135	
7440	42.08	H	74	-31.92	Peak	1.54	135	
7440	22.08	H	54	-31.92	Avg	1.54	135	
9920		H	--	--	Peak			**No Emission**
9920		H	--	--	Avg			**Detected**
12400		H	74	-74	Peak			**No Emission**
12400		H	54	-54	Avg			**Detected**
14880		H	--	--	Peak			**No Emission**
14880		H	--	--	Avg			**Detected**
17360		H	--	--	Peak			**No Emission**
17360		H	--	--	Avg			**Detected**
19840		H	74	-74	Peak			**No Emission**
19840		H	54	-54	Avg			**Detected**
22320		H	74	-74	Peak			**No Emission**
22320		H	54	-54	Avg			**Detected**
24800		H	--	--	Peak			**No Emission**
24800		H	--	--	Avg			**Detected**

FCC 15.247 and FCC Class B
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P
Configuration: In the MF2t-L Printer

Date: 11/28/06
Lab: B
Tested By: Kyle Fujmoto

Non Harmonic Emissions from the Tx and Digital Portion -- 10 kHz to 25000 MHz

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
								No Emissions Found for the
								Digital Portion
								from 10 kHz to 25000 MHz
								for both Vertical and Horizontal
								Polarizations
								No Non Harmonic Emissions Found
								for the Tx Mode
								from 10 kHz to 25000 MHz
								for both Vertical and Horizontal
								Polarizations
								investigated in Desktop
								and Belt Axis

RSS-210
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P
Configuration: In the MF2t-L Printer

Date: 11/28/06
Lab: B
Tested By: Kyle Fujmoto

Middle Channel
Receive Mode

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
								No Emissions Found for the
								Receive Mode
								from 10 kHz to 25000 MHz
								for both Vertical and Horizontal
								Polarizations
								investigated in Desktop
								and Belt Axis

FCC 15.247
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P
Configuration: In the MF4t-L Printer

Date: 11/28/06
Lab: B
Tested By: Kyle Fujmoto

Low Channel
Transmit Mode - Desktop Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4804	36.29	V	74	-37.71	Peak	1.26	225	
4804	16.29	V	54	-37.71	Avg	1.26	225	
7206	40.04	V	74	-33.96	Peak	2.25	135	
7206	20.04	V	54	-33.96	Avg	2.25	135	
9608		V	--	--	Peak			**No Emission**
9608		V	--	--	Avg			**Detected**
12010		V	74	-74	Peak			**No Emission**
12010		V	54	-54	Avg			**Detected**
14412		V	74	-74	Peak			**No Emission**
14412		V	54	-54	Avg			**Detected**
16814		V	--	--	Peak			**No Emission**
16814		V	--	--	Avg			**Detected**
19216		V	74	-74	Peak			**No Emission**
19216		V	54	-54	Avg			**Detected**
21618		V	--	--	Peak			**No Emission**
21618		V	--	--	Avg			**Detected**
24020		V	--	--	Peak			**No Emission**
24020		V	--	--	Avg			**Detected**

FCC 15.247
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P
Configuration: In the MF4t-L Printer

Date: 11/28/06
Lab: B
Tested By: Kyle Fujmoto

Low Channel
Transmit Mode - Belt Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4804	41.47	V	74	-32.53	Peak	2.19	135	
4804	25.34	V	54	-28.66	Avg	2.19	135	
7206	39.01	V	74	-34.99	Peak	2.21	135	
7206	27.09	V	54	-26.91	Avg	2.21	135	
9608		V	--	--	Peak			**No Emission**
9608		V	--	--	Avg			**Detected**
12010		V	74	-74	Peak			**No Emission**
12010		V	54	-54	Avg			**Detected**
14412		V	74	-74	Peak			**No Emission**
14412		V	54	-54	Avg			**Detected**
16814		V	--	--	Peak			**No Emission**
16814		V	--	--	Avg			**Detected**
19216		V	74	-74	Peak			**No Emission**
19216		V	54	-54	Avg			**Detected**
21618		V	--	--	Peak			**No Emission**
21618		V	--	--	Avg			**Detected**
24020		V	--	--	Peak			**No Emission**
24020		V	--	--	Avg			**Detected**

FCC 15.247
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P
Configuration: In the MF4t-L Printer

Date: 11/28/06
Lab: B
Tested By: Kyle Fujmoto

Low Channel
Transmit Mode - Desktop Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4804	39.63	H	74	-34.37	Peak	3.25	135	
4804	23.12	H	54	-30.88	Avg	3.25	135	
7206	38.91	H	74	-35.09	Peak	2.69	225	
7206	26.47	H	54	-27.53	Avg	2.69	225	
9608		H	--	--	Peak			**No Emission**
9608		H	--	--	Avg			**Detected**
12010		H	74	-74	Peak			**No Emission**
12010		H	54	-54	Avg			**Detected**
14412		H	74	-74	Peak			**No Emission**
14412		H	54	-54	Avg			**Detected**
16814		H	--	--	Peak			**No Emission**
16814		H	--	--	Avg			**Detected**
19216		H	74	-74	Peak			**No Emission**
19216		H	54	-54	Avg			**Detected**
21618		H	--	--	Peak			**No Emission**
21618		H	--	--	Avg			**Detected**
24020		H	--	--	Peak			**No Emission**
24020		H	--	--	Avg			**Detected**

FCC 15.247
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P
Configuration: In the MF4t-L Printer

Date: 11/28/06
Lab: B
Tested By: Kyle Fujmoto

Low Channel
Transmit Mode - Belt Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4804	44.11	H	74	-29.89	Peak	2.24	135	
4804	27.18	H	54	-26.82	Avg	2.24	135	
7206	39.29	H	74	-34.71	Peak	2.68	135	
7206	26.62	H	54	-27.38	Avg	2.68	135	
9608		H	--	--	Peak			**No Emission**
9608		H	--	--	Avg			**Detected**
12010		H	74	-74	Peak			**No Emission**
12010		H	54	-54	Avg			**Detected**
14412		H	74	-74	Peak			**No Emission**
14412		H	54	-54	Avg			**Detected**
16814		H	--	--	Peak			**No Emission**
16814		H	--	--	Avg			**Detected**
19216		H	74	-74	Peak			**No Emission**
19216		H	54	-54	Avg			**Detected**
21618		H	--	--	Peak			**No Emission**
21618		H	--	--	Avg			**Detected**
24020		H	--	--	Peak			**No Emission**
24020		H	--	--	Avg			**Detected**

FCC 15.247
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P
Configuration: In the MF4t-L Printer

Date: 11/28/06
Lab: B
Tested By: Kyle Fujmoto

Middle Channel
Transmit Mode - Desktop Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4882	36.15	V	74	-37.85	Peak	2.62	135	
4882	21.78	V	54	-32.22	Avg	2.62	135	
7323	39.66	V	74	-34.34	Peak	1.91	225	
7323	27.03	V	54	-26.97	Avg	1.91	225	
9764		V	--	--	Peak			**No Emission**
9764		V	--	--	Avg			**Detected**
12205		V	74	-74	Peak			**No Emission**
12205		V	54	-54	Avg			**Detected**
14646		V	--	--	Peak			**No Emission**
14646		V	--	--	Avg			**Detected**
17087		V	--	--	Peak			**No Emission**
17087		V	--	--	Avg			**Detected**
19528		V	74	-74	Peak			**No Emission**
19528		V	54	-54	Avg			**Detected**
21969		V	--	--	Peak			**No Emission**
21969		V	--	--	Avg			**Detected**
24410		V	74	-74	Peak			**No Emission**
24410		V	54	-54	Avg			**Detected**

FCC 15.247
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P
Configuration: In the MF4t-L Printer

Date: 11/28/06
Lab: B
Tested By: Kyle Fujmoto

Middle Channel
Transmit Mode - Belt Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4882	35.17	V	74	-38.83	Peak	2.48	135	
4882	22.36	V	54	-31.64	Avg	2.48	135	
7323	40.64	V	74	-33.36	Peak	1.87	135	
7323	27.02	V	54	-26.98	Avg	1.87	135	
9764		V	--	--	Peak			**No Emission**
9764		V	--	--	Avg			**Detected**
12205		V	74	-74	Peak			**No Emission**
12205		V	54	-54	Avg			**Detected**
14646		V	--	--	Peak			**No Emission**
14646		V	--	--	Avg			**Detected**
17087		V	--	--	Peak			**No Emission**
17087		V	--	--	Avg			**Detected**
19528		V	74	-74	Peak			**No Emission**
19528		V	54	-54	Avg			**Detected**
21969		V	--	--	Peak			**No Emission**
21969		V	--	--	Avg			**Detected**
24410		V	74	-74	Peak			**No Emission**
24410		V	54	-54	Avg			**Detected**

FCC 15.247
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P
Configuration: In the MF4t-L Printer

Date: 11/28/06
Lab: B
Tested By: Kyle Fujmoto

Middle Channel
Transmit Mode - Desktop Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4882	39.95	H	74	-34.05	Peak	2.61	225	
4882	25.62	H	54	-28.38	Avg	2.61	225	
7323	39.87	H	74	-34.13	Peak	2.07	180	
7323	26.98	H	54	-27.02	Avg	2.07	180	
9764		H	--	--	Peak			**No Emission**
9764		H	--	--	Avg			**Detected**
12205		H	74	-74	Peak			**No Emission**
12205		H	54	-54	Avg			**Detected**
14646		H	--	--	Peak			**No Emission**
14646		H	--	--	Avg			**Detected**
17087		H	--	--	Peak			**No Emission**
17087		H	--	--	Avg			**Detected**
19528		H	74	-74	Peak			**No Emission**
19528		H	54	-54	Avg			**Detected**
21969		H	--	--	Peak			**No Emission**
21969		H	--	--	Avg			**Detected**
24410		H	74	-74	Peak			**No Emission**
24410		H	54	-54	Avg			**Detected**

FCC 15.247
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P
Configuration: In the MF4t-L Printer

Date: 11/28/06
Lab: B
Tested By: Kyle Fujmoto

Middle Channel
Transmit Mode - Belt Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4882	42.24	H	74	-31.76	Peak	2.87	135	
4882	28.31	H	54	-25.69	Avg	2.87	135	
7323	40.22	H	74	-33.78	Peak	2.87	45	
7323	27.41	H	54	-26.59	Avg	2.87	45	
9764		H	--	--	Peak			**No Emission**
9764		H	--	--	Avg			**Detected**
12205		H	74	-74	Peak			**No Emission**
12205		H	54	-54	Avg			**Detected**
14646		H	--	--	Peak			**No Emission**
14646		H	--	--	Avg			**Detected**
17087		H	--	--	Peak			**No Emission**
17087		H	--	--	Avg			**Detected**
19528		H	74	-74	Peak			**No Emission**
19528		H	54	-54	Avg			**Detected**
21969		H	--	--	Peak			**No Emission**
21969		H	--	--	Avg			**Detected**
24410		H	74	-74	Peak			**No Emission**
24410		H	54	-54	Avg			**Detected**

FCC 15.247
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P
Configuration: In the MF4t-L Printer

Date: 11/28/06
Lab: B
Tested By: Kyle Fujmoto

High Channel
Transmit Mode - Desktop Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4960	35.21	V	74	-38.79	Peak	2.42	135	
4960	21.75	V	54	-32.25	Avg	2.42	135	
7440	39.25	V	74	-34.75	Peak	2.01	180	
7440	27.25	V	54	-26.75	Avg	2.01	180	
9920		V	--	--	Peak			**No Emission**
9920		V	--	--	Avg			**Detected**
12400		V	74	-74	Peak			**No Emission**
12400		V	54	-54	Avg			**Detected**
14880		V	--	--	Peak			**No Emission**
14880		V	--	--	Avg			**Detected**
17360		V	--	--	Peak			**No Emission**
17360		V	--	--	Avg			**Detected**
19840		V	74	-74	Peak			**No Emission**
19840		V	54	-54	Avg			**Detected**
22320		V	74	-74	Peak			**No Emission**
22320		V	54	-54	Avg			**Detected**
24800		V	--	--	Peak			**No Emission**
24800		V	--	--	Avg			**Detected**

FCC 15.247
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P
Configuration: In the MF4t-L Printer

Date: 11/28/06
Lab: B
Tested By: Kyle Fujmoto

High Channel
Transmit Mode - Belt Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4960	38.29	V	74	-35.71	Peak	2.43	135	
4960	24.52	V	54	-29.48	Avg	2.43	135	
7440	39.99	V	74	-34.01	Peak	1.89	135	
7440	27.32	V	54	-26.68	Avg	1.89	135	
9920		V	--	--	Peak			**No Emission**
9920		V	--	--	Avg			**Detected**
12400		V	74	-74	Peak			**No Emission**
12400		V	54	-54	Avg			**Detected**
14880		V	--	--	Peak			**No Emission**
14880		V	--	--	Avg			**Detected**
17360		V	--	--	Peak			**No Emission**
17360		V	--	--	Avg			**Detected**
19840		V	74	-74	Peak			**No Emission**
19840		V	54	-54	Avg			**Detected**
22320		V	74	-74	Peak			**No Emission**
22320		V	54	-54	Avg			**Detected**
24800		V	--	--	Peak			**No Emission**
24800		V	--	--	Avg			**Detected**

FCC 15.247
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P
Configuration: In the MF4t-L Printer

Date: 11/28/06
Lab: B
Tested By: Kyle Fujmoto

High Channel
Transmit Mode - Desktop Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4960	39.97	H	74	-34.03	Peak	1.48	135	
4960	25.64	H	54	-28.36	Avg	1.48	135	
7440	40.48	H	74	-33.52	Peak	2.04	135	
7440	27.57	H	54	-26.43	Avg	2.04	135	
9920		H	--	--	Peak			**No Emission**
9920		H	--	--	Avg			**Detected**
12400		H	74	-74	Peak			**No Emission**
12400		H	54	-54	Avg			**Detected**
14880		H	--	--	Peak			**No Emission**
14880		H	--	--	Avg			**Detected**
17360		H	--	--	Peak			**No Emission**
17360		H	--	--	Avg			**Detected**
19840		H	74	-74	Peak			**No Emission**
19840		H	54	-54	Avg			**Detected**
22320		H	74	-74	Peak			**No Emission**
22320		H	54	-54	Avg			**Detected**
24800		H	--	--	Peak			**No Emission**
24800		H	--	--	Avg			**Detected**

FCC 15.247
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P
Configuration: In the MF4t-L Printer

Date: 11/28/06
Lab: B
Tested By: Kyle Fujmoto

High Channel
Transmit Mode - Belt Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4960	43.11	H	74	-30.89	Peak	2.95	225	
4960	29.78	H	54	-24.22	Avg	2.95	225	
7440	40.94	H	74	-33.06	Peak	2.95	45	
7440	27.81	H	54	-26.19	Avg	2.95	45	
9920		H	--	--	Peak			**No Emission**
9920		H	--	--	Avg			**Detected**
12400		H	74	-74	Peak			**No Emission**
12400		H	54	-54	Avg			**Detected**
14880		H	--	--	Peak			**No Emission**
14880		H	--	--	Avg			**Detected**
17360		H	--	--	Peak			**No Emission**
17360		H	--	--	Avg			**Detected**
19840		H	74	-74	Peak			**No Emission**
19840		H	54	-54	Avg			**Detected**
22320		H	74	-74	Peak			**No Emission**
22320		H	54	-54	Avg			**Detected**
24800		H	--	--	Peak			**No Emission**
24800		H	--	--	Avg			**Detected**

FCC 15.247 and FCC Class B
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P
Configuration: In the MF4t-L Printer

Date: 11/28/06
Lab: B
Tested By: Kyle Fujmoto

Non Harmonic Emissions from the Tx and Digital Portion -- 10 kHz to 25000 MHz

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
								No Emissions Found for the
								Digital Portion
								from 10 kHz to 25000 MHz
								for both Vertical and Horizontal
								Polarizations
								No Non Harmonic Emissions Found
								for the Tx Mode
								from 10 kHz to 25000 MHz
								for both Vertical and Horizontal
								Polarizations
								investigated in Desktop
								and Belt Axis

RSS-210
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P
Configuration: In the MF4t-L Printer

Date: 11/28/06
Lab: B
Tested By: Kyle Fujmoto

Middle Channel
Receive Mode

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
								No Emissions Found for the
								Receive Mode
								from 10 kHz to 25000 MHz
								for both Vertical and Horizontal
								Polarizations
								investigated in Desktop
								and Belt Axis

FCC 15.247
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P
Configuration: In the OC2-L Printer

Date: 11/28/06
Lab: B
Tested By: Kyle Fujmoto

Low Channel
Transmit Mode - Desktop Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4804	38.39	V	74	-35.61	Peak	1.26	225	
4804	18.39	V	54	-35.61	Avg	1.26	225	
7206	40.64	V	74	-33.36	Peak	1	135	
7206	20.64	V	54	-33.36	Avg	1	135	
9608		V	--	--	Peak			**No Emission**
9608		V	--	--	Avg			**Detected**
12010		V	74	-74	Peak			**No Emission**
12010		V	54	-54	Avg			**Detected**
14412		V	74	-74	Peak			**No Emission**
14412		V	54	-54	Avg			**Detected**
16814		V	--	--	Peak			**No Emission**
16814		V	--	--	Avg			**Detected**
19216		V	74	-74	Peak			**No Emission**
19216		V	54	-54	Avg			**Detected**
21618		V	--	--	Peak			**No Emission**
21618		V	--	--	Avg			**Detected**
24020		V	--	--	Peak			**No Emission**
24020		V	--	--	Avg			**Detected**

FCC 15.247
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P
Configuration: In the OC2-L Printer

Date: 11/28/06
Lab: B
Tested By: Kyle Fujmoto

Low Channel
Transmit Mode - Belt Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4804	43.42	V	74	-30.58	Peak	2.09	135	
4804	23.42	V	54	-30.58	Avg	2.09	135	
7206	39.39	V	74	-34.61	Peak	2.09	180	
7206	19.39	V	54	-34.61	Avg	2.09	180	
9608		V	--	--	Peak			**No Emission**
9608		V	--	--	Avg			**Detected**
12010		V	74	-74	Peak			**No Emission**
12010		V	54	-54	Avg			**Detected**
14412		V	74	-74	Peak			**No Emission**
14412		V	54	-54	Avg			**Detected**
16814		V	--	--	Peak			**No Emission**
16814		V	--	--	Avg			**Detected**
19216		V	74	-74	Peak			**No Emission**
19216		V	54	-54	Avg			**Detected**
21618		V	--	--	Peak			**No Emission**
21618		V	--	--	Avg			**Detected**
24020		V	--	--	Peak			**No Emission**
24020		V	--	--	Avg			**Detected**

FCC 15.247
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P
Configuration: In the OC2-L Printer

Date: 11/28/06
Lab: B
Tested By: Kyle Fujmoto

Low Channel
Transmit Mode - Charging Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4804	41.07	V	74	-32.93	Peak	1.72	135	
4804	21.07	V	54	-32.93	Avg	1.72	135	
7206	37.68	V	74	-36.32	Peak	2.05	180	
7206	17.68	V	54	-36.32	Avg	2.05	180	
9608		V	--	--	Peak			**No Emission**
9608		V	--	--	Avg			**Detected**
12010		V	74	-74	Peak			**No Emission**
12010		V	54	-54	Avg			**Detected**
14412		V	74	-74	Peak			**No Emission**
14412		V	54	-54	Avg			**Detected**
16814		V	--	--	Peak			**No Emission**
16814		V	--	--	Avg			**Detected**
19216		V	74	-74	Peak			**No Emission**
19216		V	54	-54	Avg			**Detected**
21618		V	--	--	Peak			**No Emission**
21618		V	--	--	Avg			**Detected**
24020		V	--	--	Peak			**No Emission**
24020		V	--	--	Avg			**Detected**

FCC 15.247
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P
Configuration: In the OC2-L Printer

Date: 11/28/06
Lab: B
Tested By: Kyle Fujmoto

Low Channel
Transmit Mode - Desktop Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4804	43.31	H	74	-30.69	Peak	1.66	315	
4804	23.31	H	54	-30.69	Avg	1.66	315	
7206	40.71	H	74	-33.29	Peak	1.66	45	
7206	20.71	H	54	-33.29	Avg	1.66	45	
9608		H	--	--	Peak			**No Emission**
9608		H	--	--	Avg			**Detected**
12010		H	74	-74	Peak			**No Emission**
12010		H	54	-54	Avg			**Detected**
14412		H	74	-74	Peak			**No Emission**
14412		H	54	-54	Avg			**Detected**
16814		H	--	--	Peak			**No Emission**
16814		H	--	--	Avg			**Detected**
19216		H	74	-74	Peak			**No Emission**
19216		H	54	-54	Avg			**Detected**
21618		H	--	--	Peak			**No Emission**
21618		H	--	--	Avg			**Detected**
24020		H	--	--	Peak			**No Emission**
24020		H	--	--	Avg			**Detected**

FCC 15.247
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P
Configuration: In the OC2-L Printer

Date: 11/28/06
Lab: B
Tested By: Kyle Fujmoto

Low Channel
Transmit Mode - Belt Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4804	41.78	H	74	-32.22	Peak	2.33	135	
4804	21.78	H	54	-32.22	Avg	2.33	135	
7206	40.44	H	74	-33.56	Peak	2.33	315	
7206	20.44	H	54	-33.56	Avg	2.33	315	
9608		H	--	--	Peak			**No Emission**
9608		H	--	--	Avg			**Detected**
12010		H	74	-74	Peak			**No Emission**
12010		H	54	-54	Avg			**Detected**
14412		H	74	-74	Peak			**No Emission**
14412		H	54	-54	Avg			**Detected**
16814		H	--	--	Peak			**No Emission**
16814		H	--	--	Avg			**Detected**
19216		H	74	-74	Peak			**No Emission**
19216		H	54	-54	Avg			**Detected**
21618		H	--	--	Peak			**No Emission**
21618		H	--	--	Avg			**Detected**
24020		H	--	--	Peak			**No Emission**
24020		H	--	--	Avg			**Detected**

FCC 15.247
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P
Configuration: In the OC2-L Printer

Date: 11/28/06
Lab: B
Tested By: Kyle Fujmoto

Low Channel
Transmit Mode - Charging Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4804	49.03	H	74	-24.97	Peak	2.35	315	
4804	29.03	H	54	-24.97	Avg	2.35	315	
7206	39.29	H	74	-34.71	Peak	2.35	135	
7206	19.29	H	54	-34.71	Avg	235	135	
9608		H	--	--	Peak			**No Emission**
9608		H	--	--	Avg			**Detected**
12010		H	74	-74	Peak			**No Emission**
12010		H	54	-54	Avg			**Detected**
14412		H	74	-74	Peak			**No Emission**
14412		H	54	-54	Avg			**Detected**
16814		H	--	--	Peak			**No Emission**
16814		H	--	--	Avg			**Detected**
19216		H	74	-74	Peak			**No Emission**
19216		H	54	-54	Avg			**Detected**
21618		H	--	--	Peak			**No Emission**
21618		H	--	--	Avg			**Detected**
24020		H	--	--	Peak			**No Emission**
24020		H	--	--	Avg			**Detected**

FCC 15.247
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P
Configuration: In the OC2-L Printer

Date: 11/28/06
Lab: B
Tested By: Kyle Fujmoto

Middle Channel
Transmit Mode - Desktop Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4882	39.57	V	74	-34.43	Peak	1.76	135	
4882	19.57	V	54	-34.43	Avg	1.76	135	
7323	39.85	V	74	-34.15	Peak	2.41	135	
7323	19.85	V	54	-34.15	Avg	2.41	135	
9764		V	--	--	Peak			**No Emission**
9764		V	--	--	Avg			**Detected**
12205		V	74	-74	Peak			**No Emission**
12205		V	54	-54	Avg			**Detected**
14646		V	--	--	Peak			**No Emission**
14646		V	--	--	Avg			**Detected**
17087		V	--	--	Peak			**No Emission**
17087		V	--	--	Avg			**Detected**
19528		V	74	-74	Peak			**No Emission**
19528		V	54	-54	Avg			**Detected**
21969		V	--	--	Peak			**No Emission**
21969		V	--	--	Avg			**Detected**
24410		V	74	-74	Peak			**No Emission**
24410		V	54	-54	Avg			**Detected**

FCC 15.247
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P
Configuration: In the OC2-L Printer

Date: 11/28/06
Lab: B
Tested By: Kyle Fujmoto

Middle Channel
Transmit Mode - Belt Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4882	40.03	V	74	-33.97	Peak	1.97	225	
4882	20.03	V	54	-33.97	Avg	1.97	225	
7323	40.71	V	74	-33.29	Peak	1.98	190	
7323	20.71	V	54	-33.29	Avg	1.98	190	
9764		V	--	--	Peak			**No Emission**
9764		V	--	--	Avg			**Detected**
12205		V	74	-74	Peak			**No Emission**
12205		V	54	-54	Avg			**Detected**
14646		V	--	--	Peak			**No Emission**
14646		V	--	--	Avg			**Detected**
17087		V	--	--	Peak			**No Emission**
17087		V	--	--	Avg			**Detected**
19528		V	74	-74	Peak			**No Emission**
19528		V	54	-54	Avg			**Detected**
21969		V	--	--	Peak			**No Emission**
21969		V	--	--	Avg			**Detected**
24410		V	74	-74	Peak			**No Emission**
24410		V	54	-54	Avg			**Detected**

FCC 15.247
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P
Configuration: In the OC2-L Printer

Date: 11/28/06
Lab: B
Tested By: Kyle Fujmoto

Middle Channel
Transmit Mode - Charging Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4882	40.68	V	74	-33.32	Peak	2.67	135	
4882	20.68	V	54	-33.32	Avg	2.67	135	
7323	39.66	V	74	-34.34	Peak	2.68	135	
7323	19.66	V	54	-34.34	Avg	2.68	135	
9764		V	--	--	Peak			**No Emission**
9764		V	--	--	Avg			**Detected**
12205		V	74	-74	Peak			**No Emission**
12205		V	54	-54	Avg			**Detected**
14646		V	--	--	Peak			**No Emission**
14646		V	--	--	Avg			**Detected**
17087		V	--	--	Peak			**No Emission**
17087		V	--	--	Avg			**Detected**
19528		V	74	-74	Peak			**No Emission**
19528		V	54	-54	Avg			**Detected**
21969		V	--	--	Peak			**No Emission**
21969		V	--	--	Avg			**Detected**
24410		V	74	-74	Peak			**No Emission**
24410		V	54	-54	Avg			**Detected**

FCC 15.247
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P
Configuration: In the OC2-L Printer

Date: 11/28/06
Lab: B
Tested By: Kyle Fujmoto

Middle Channel
Transmit Mode - Desktop Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4882	40.11	H	74	-33.89	Peak	3.27	90	
4882	20.11	H	54	-33.89	Avg	3.27	90	
7323	40.23	H	74	-33.77	Peak	3.27	225	
7323	20.23	H	54	-33.77	Avg	3.27	225	
9764		H	--	--	Peak			**No Emission**
9764		H	--	--	Avg			**Detected**
12205		H	74	-74	Peak			**No Emission**
12205		H	54	-54	Avg			**Detected**
14646		H	--	--	Peak			**No Emission**
14646		H	--	--	Avg			**Detected**
17087		H	--	--	Peak			**No Emission**
17087		H	--	--	Avg			**Detected**
19528		H	74	-74	Peak			**No Emission**
19528		H	54	-54	Avg			**Detected**
21969		H	--	--	Peak			**No Emission**
21969		H	--	--	Avg			**Detected**
24410		H	74	-74	Peak			**No Emission**
24410		H	54	-54	Avg			**Detected**

FCC 15.247
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P
Configuration: In the OC2-L Printer

Date: 11/28/06
Lab: B
Tested By: Kyle Fujmoto

Middle Channel
Transmit Mode - Belt Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4882	41.56	H	74	-32.44	Peak	2.75	135	
4882	21.56	H	54	-32.44	Avg	2.75	135	
7323	39.75	H	74	-34.25	Peak	2.75	135	
7323	19.75	H	54	-34.25	Avg	2.75	135	
9764		H	--	--	Peak			**No Emission**
9764		H	--	--	Avg			**Detected**
12205		H	74	-74	Peak			**No Emission**
12205		H	54	-54	Avg			**Detected**
14646		H	--	--	Peak			**No Emission**
14646		H	--	--	Avg			**Detected**
17087		H	--	--	Peak			**No Emission**
17087		H	--	--	Avg			**Detected**
19528		H	74	-74	Peak			**No Emission**
19528		H	54	-54	Avg			**Detected**
21969		H	--	--	Peak			**No Emission**
21969		H	--	--	Avg			**Detected**
24410		H	74	-74	Peak			**No Emission**
24410		H	54	-54	Avg			**Detected**

FCC 15.247
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P
Configuration: In the OC2-L Printer

Date: 11/28/06
Lab: B
Tested By: Kyle Fujmoto

Middle Channel
Transmit Mode - Charging Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4882	48.48	H	74	-25.52	Peak	2.17	45	
4882	28.48	H	54	-25.52	Avg	2.17	45	
7323	40.2	H	74	-33.8	Peak	2.02	135	
7323	20.2	H	54	-33.8	Avg	2.02	135	
9764		H	--	--	Peak			**No Emission**
9764		H	--	--	Avg			**Detected**
12205		H	74	-74	Peak			**No Emission**
12205		H	54	-54	Avg			**Detected**
14646		H	--	--	Peak			**No Emission**
14646		H	--	--	Avg			**Detected**
17087		H	--	--	Peak			**No Emission**
17087		H	--	--	Avg			**Detected**
19528		H	74	-74	Peak			**No Emission**
19528		H	54	-54	Avg			**Detected**
21969		H	--	--	Peak			**No Emission**
21969		H	--	--	Avg			**Detected**
24410		H	74	-74	Peak			**No Emission**
24410		H	54	-54	Avg			**Detected**

FCC 15.247
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P
Configuration: In the OC2-L Printer

Date: 11/28/06
Lab: B
Tested By: Kyle Fujmoto

High Channel
Transmit Mode - Desktop Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4960	39.64	V	74	-34.36	Peak	1.62	135	
4960	19.64	V	54	-34.36	Avg	1.62	135	
7440	41.11	V	74	-32.89	Peak	1.54	180	
7440	21.11	V	54	-32.89	Avg	1.54	180	
9920		V	--	--	Peak			**No Emission**
9920		V	--	--	Avg			**Detected**
12400		V	74	-74	Peak			**No Emission**
12400		V	54	-54	Avg			**Detected**
14880		V	--	--	Peak			**No Emission**
14880		V	--	--	Avg			**Detected**
17360		V	--	--	Peak			**No Emission**
17360		V	--	--	Avg			**Detected**
19840		V	74	-74	Peak			**No Emission**
19840		V	54	-54	Avg			**Detected**
22320		V	74	-74	Peak			**No Emission**
22320		V	54	-54	Avg			**Detected**
24800		V	--	--	Peak			**No Emission**
24800		V	--	--	Avg			**Detected**

FCC 15.247
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P
Configuration: In the OC2-L Printer

Date: 11/28/06
Lab: B
Tested By: Kyle Fujmoto

High Channel
Transmit Mode - Belt Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4960	39.29	V	74	-34.71	Peak	1.83	45	
4960	19.29	V	54	-34.71	Avg	1.83	45	
7440	41.19	V	74	-32.81	Peak	1.92	90	
7440	21.19	V	54	-32.81	Avg	1.92	90	
9920		V	--	--	Peak			Not in Restricted Band
9920		V	--	--	Avg			Not in Restricted Band
12400		V	74	-74	Peak			**No Emission**
12400		V	54	-54	Avg			**Detected**
14880		V	--	--	Peak			**No Emission**
14880		V	--	--	Avg			**Detected**
17360		V	--	--	Peak			**No Emission**
17360		V	--	--	Avg			**Detected**
19840		V	74	-74	Peak			**No Emission**
19840		V	54	-54	Avg			**Detected**
22320		V	74	-74	Peak			**No Emission**
22320		V	54	-54	Avg			**Detected**
24800		V	--	--	Peak			**No Emission**
24800		V	--	--	Avg			**Detected**

FCC 15.247
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P
Configuration: In the OC2-L Printer

Date: 11/28/06
Lab: B
Tested By: Kyle Fujmoto

High Channel
Transmit Mode - Charging Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4960	40.32	V	74	-33.68	Peak	2.11	135	
4960	20.32	V	54	-33.68	Avg	2.11	135	
7440	40.31	V	74	-33.69	Peak	1.66	150	
7440	20.31	V	54	-33.69	Avg	1.66	150	
9920		V	--	--	Peak			**No Emission**
9920		V	--	--	Avg			**Detected**
12400		V	74	-74	Peak			**No Emission**
12400		V	54	-54	Avg			**Detected**
14880		V	--	--	Peak			**No Emission**
14880		V	--	--	Avg			**Detected**
17360		V	--	--	Peak			**No Emission**
17360		V	--	--	Avg			**Detected**
19840		V	74	-74	Peak			**No Emission**
19840		V	54	-54	Avg			**Detected**
22320		V	74	-74	Peak			**No Emission**
22320		V	54	-54	Avg			**Detected**
24800		V	--	--	Peak			**No Emission**
24800		V	--	--	Avg			**Detected**

FCC 15.247
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P
Configuration: In the OC2-L Printer

Date: 11/28/06
Lab: B
Tested By: Kyle Fujmoto

High Channel
Transmit Mode - Desktop Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4960	39.53	H	74	-34.47	Peak	2.16	135	
4960	19.53	H	54	-34.47	Avg	2.16	135	
7440	40.55	H	74	-33.45	Peak	1.68	315	
7440	20.55	H	54	-33.45	Avg	1.68	315	
9920		H	--	--	Peak			**No Emission**
9920		H	--	--	Avg			**Detected**
12400		H	74	-74	Peak			**No Emission**
12400		H	54	-54	Avg			**Detected**
14880		H	--	--	Peak			**No Emission**
14880		H	--	--	Avg			**Detected**
17360		H	--	--	Peak			**No Emission**
17360		H	--	--	Avg			**Detected**
19840		H	74	-74	Peak			**No Emission**
19840		H	54	-54	Avg			**Detected**
22320		H	74	-74	Peak			**No Emission**
22320		H	54	-54	Avg			**Detected**
24800		H	--	--	Peak			**No Emission**
24800		H	--	--	Avg			**Detected**

FCC 15.247
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P
Configuration: In the OC2-L Printer

Date: 11/28/06
Lab: B
Tested By: Kyle Fujmoto

High Channel
Transmit Mode - Belt Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4960	39.84	H	74	-34.16	Peak	2.53	135	
4960	19.84	H	54	-34.16	Avg	2.53	135	
7440	40.38	H	74	-33.62	Peak	1.91	135	
7440	20.38	H	54	-33.62	Avg	1.91	135	
9920		H	--	--	Peak			**No Emission**
9920		H	--	--	Avg			**Detected**
12400		H	74	-74	Peak			**No Emission**
12400		H	54	-54	Avg			**Detected**
14880		H	--	--	Peak			**No Emission**
14880		H	--	--	Avg			**Detected**
17360		H	--	--	Peak			**No Emission**
17360		H	--	--	Avg			**Detected**
19840		H	74	-74	Peak			**No Emission**
19840		H	54	-54	Avg			**Detected**
22320		H	74	-74	Peak			**No Emission**
22320		H	54	-54	Avg			**Detected**
24800		H	--	--	Peak			**No Emission**
24800		H	--	--	Avg			**Detected**

FCC 15.247
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P
Configuration: In the OC2-L Printer

Date: 11/28/06
Lab: B
Tested By: Kyle Fujmoto

High Channel
Transmit Mode - Charging Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4960	41.02	H	74	-32.98	Peak	2.26	135	
4960	21.02	H	54	-32.98	Avg	2.26	135	
7440	39.74	H	74	-34.26	Peak	1.75	135	
7440	19.74	H	54	-34.26	Avg	1.75	135	
9920		H	--	--	Peak			**No Emission**
9920		H	--	--	Avg			**Detected**
12400		H	74	-74	Peak			**No Emission**
12400		H	54	-54	Avg			**Detected**
14880		H	--	--	Peak			**No Emission**
14880		H	--	--	Avg			**Detected**
17360		H	--	--	Peak			**No Emission**
17360		H	--	--	Avg			**Detected**
19840		H	74	-74	Peak			**No Emission**
19840		H	54	-54	Avg			**Detected**
22320		H	74	-74	Peak			**No Emission**
22320		H	54	-54	Avg			**Detected**
24800		H	--	--	Peak			**No Emission**
24800		H	--	--	Avg			**Detected**

FCC 15.247 and FCC Class B
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P
Configuration: In the OC2-L Printer

Date: 11/28/06
Lab: B
Tested By: Kyle Fujmoto

Non Harmonic Emissions from the Tx and Digital Portion -- 10 kHz to 25000 MHz

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
								No Emissions Found for the
								Digital Portion
								from 10 kHz to 25000 MHz
								for both Vertical and Horizontal
								Polarizations
								No Non Harmonic Emissions Found
								for the Tx Mode
								from 10 kHz to 25000 MHz
								for both Vertical and Horizontal
								Polarizations
								investigated in Charging, Desktop,
								and Belt Axis

RSS-210
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P
Configuration: In the OC2-L Printer

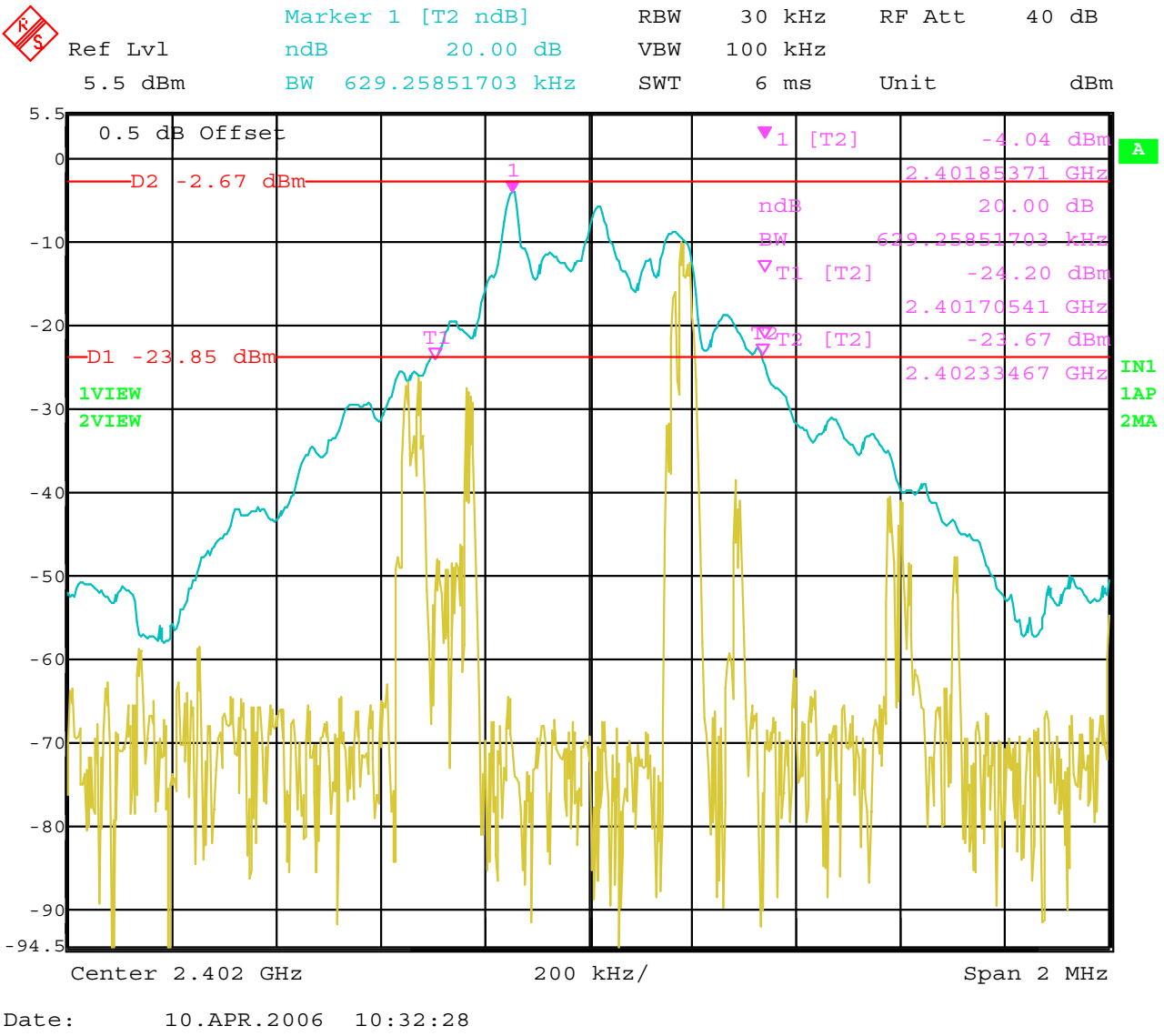
Date: 11/28/06
Lab: B
Tested By: Kyle Fujmoto

Middle Channel
Receive Mode

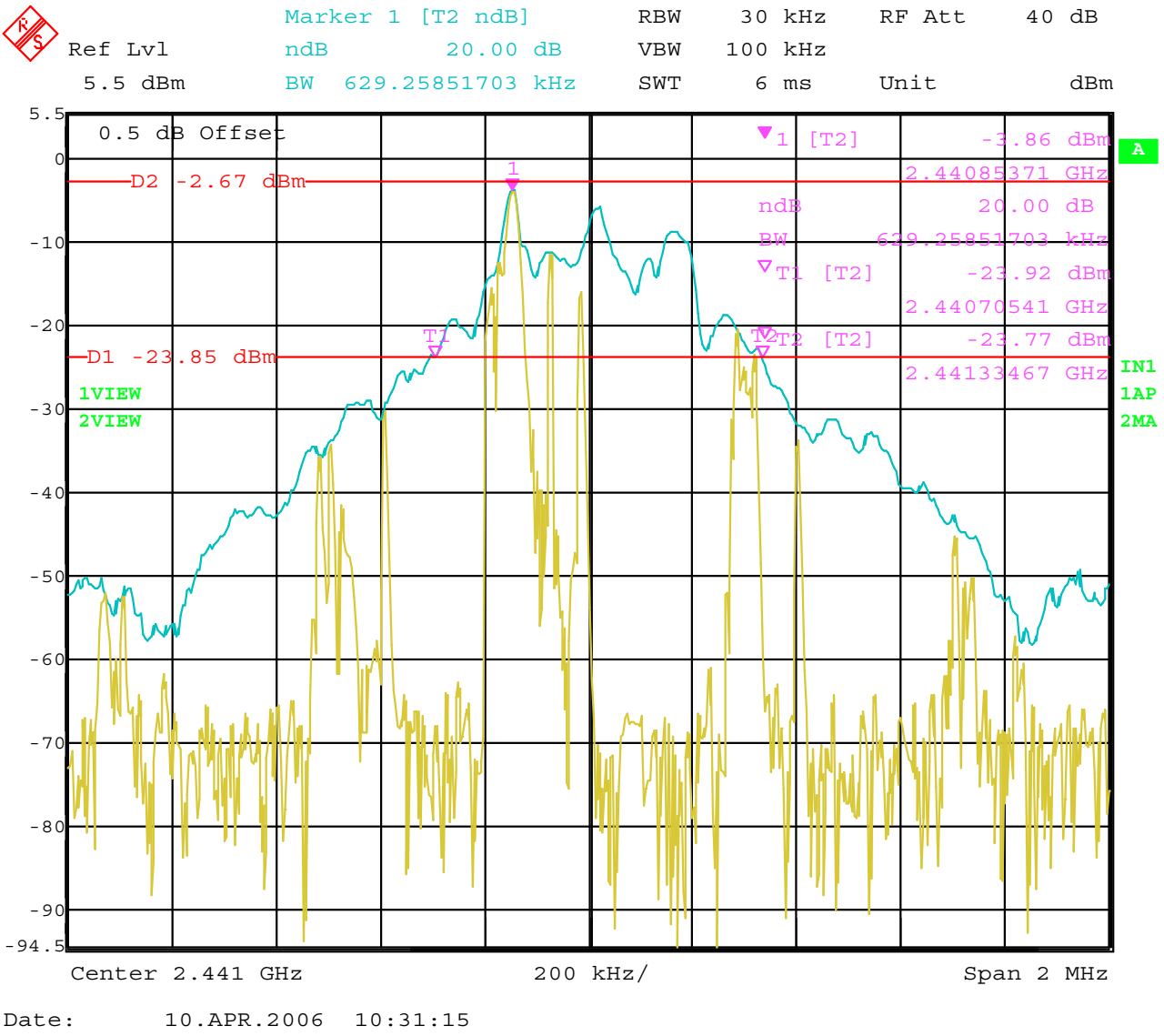
Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
								No Emissions Found for the
								Receive Mode
								from 10 kHz to 25000 MHz
								for both Vertical and Horizontal
								Polarizations
								investigated in Charging, Desktop,
								and Belt Axis

-20 dB BANDWIDTH

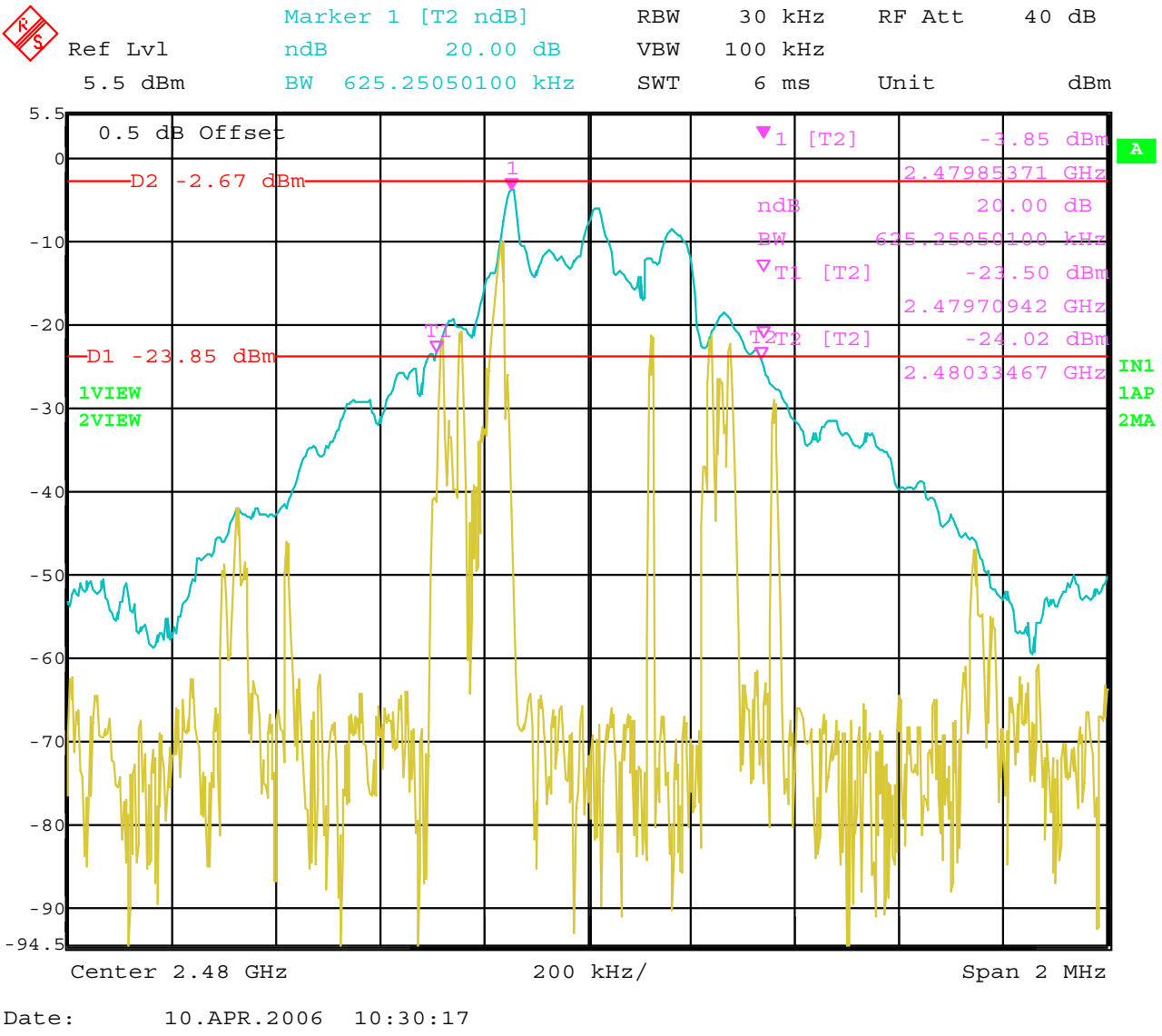
DATA SHEETS



Bandwidth 20 dB – Low Channel



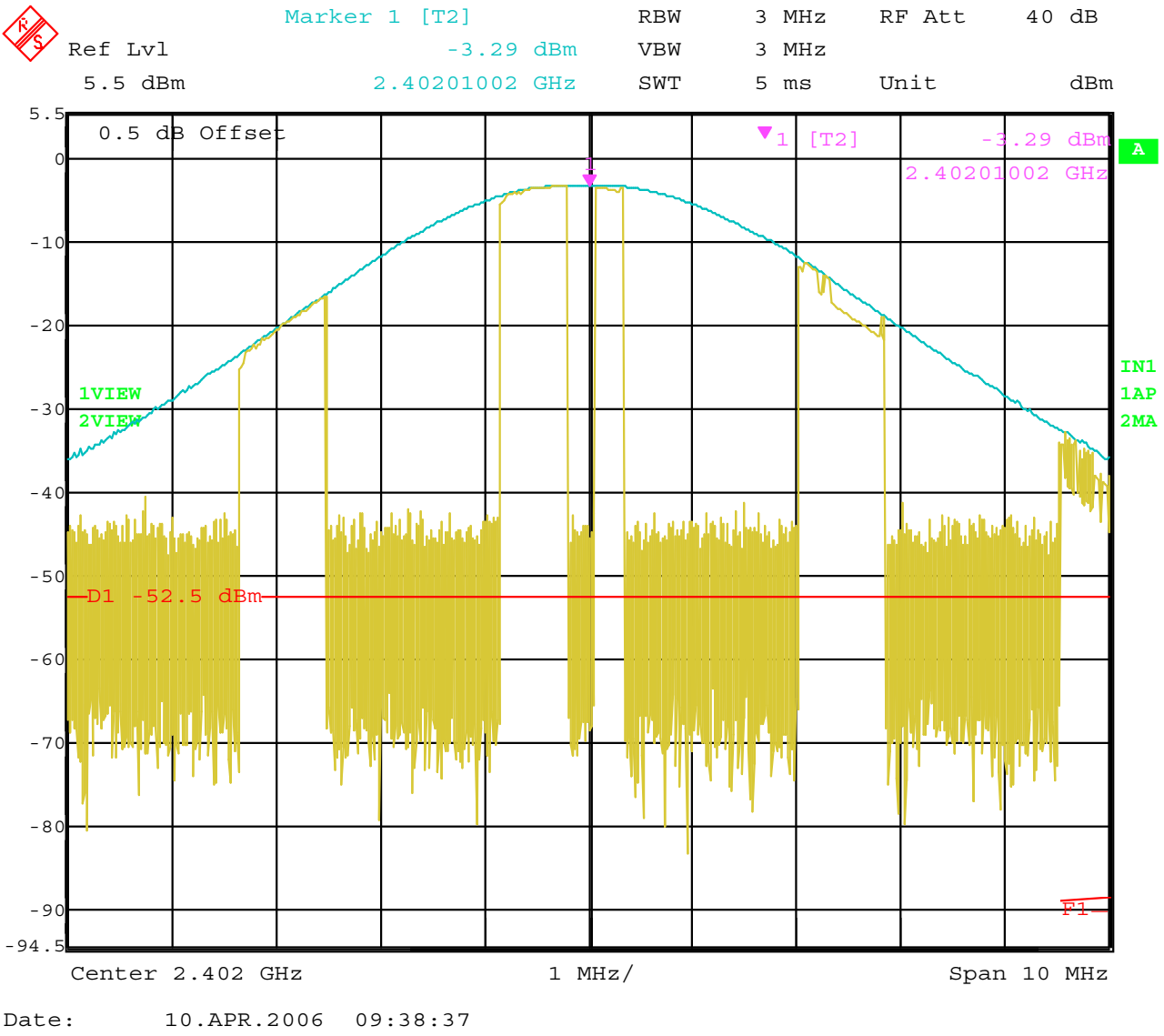
Bandwidth 20 dB – Middle Channel



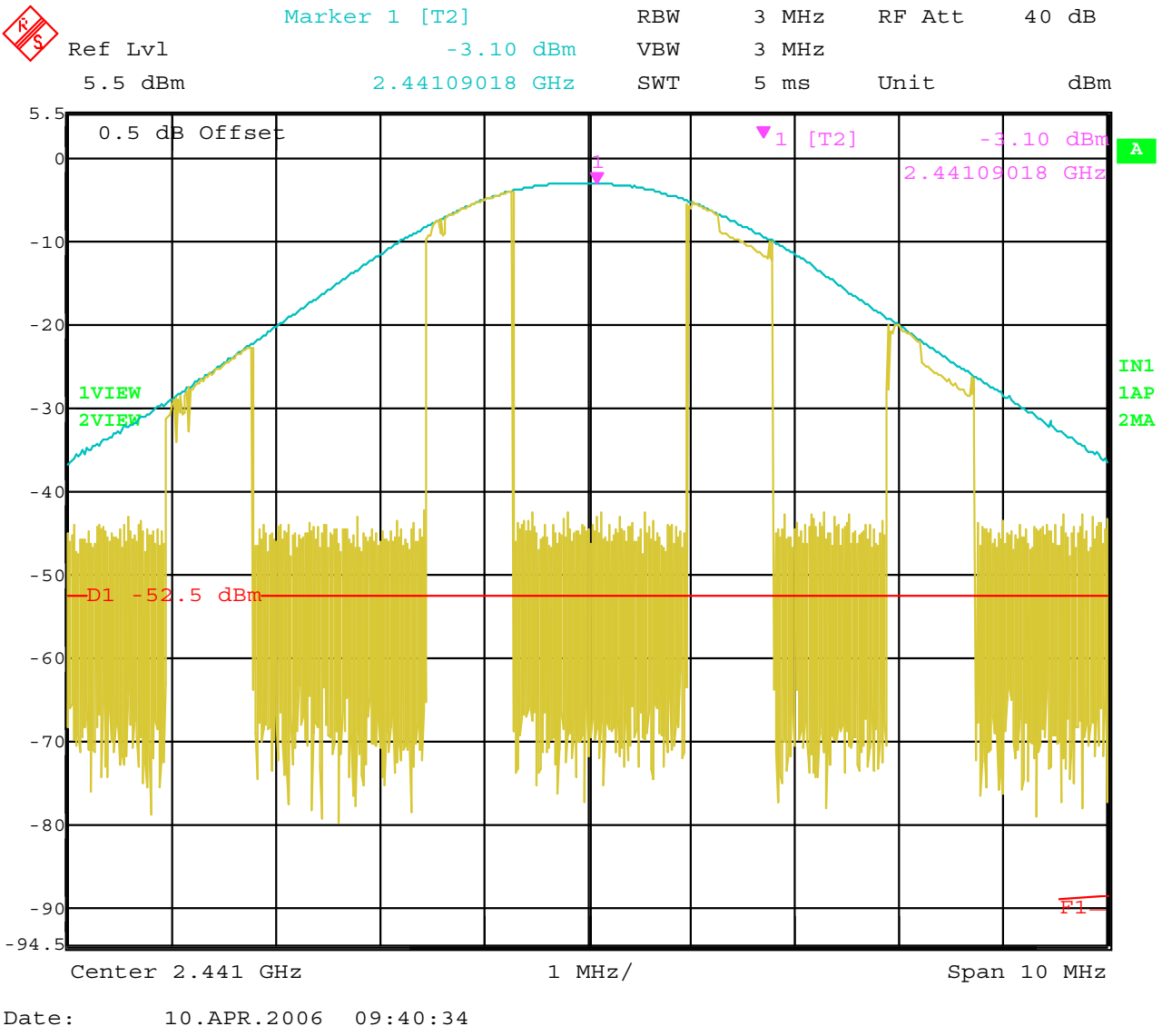
Bandwidth 20 dB – High Channel

PEAK POWER OUTPUT

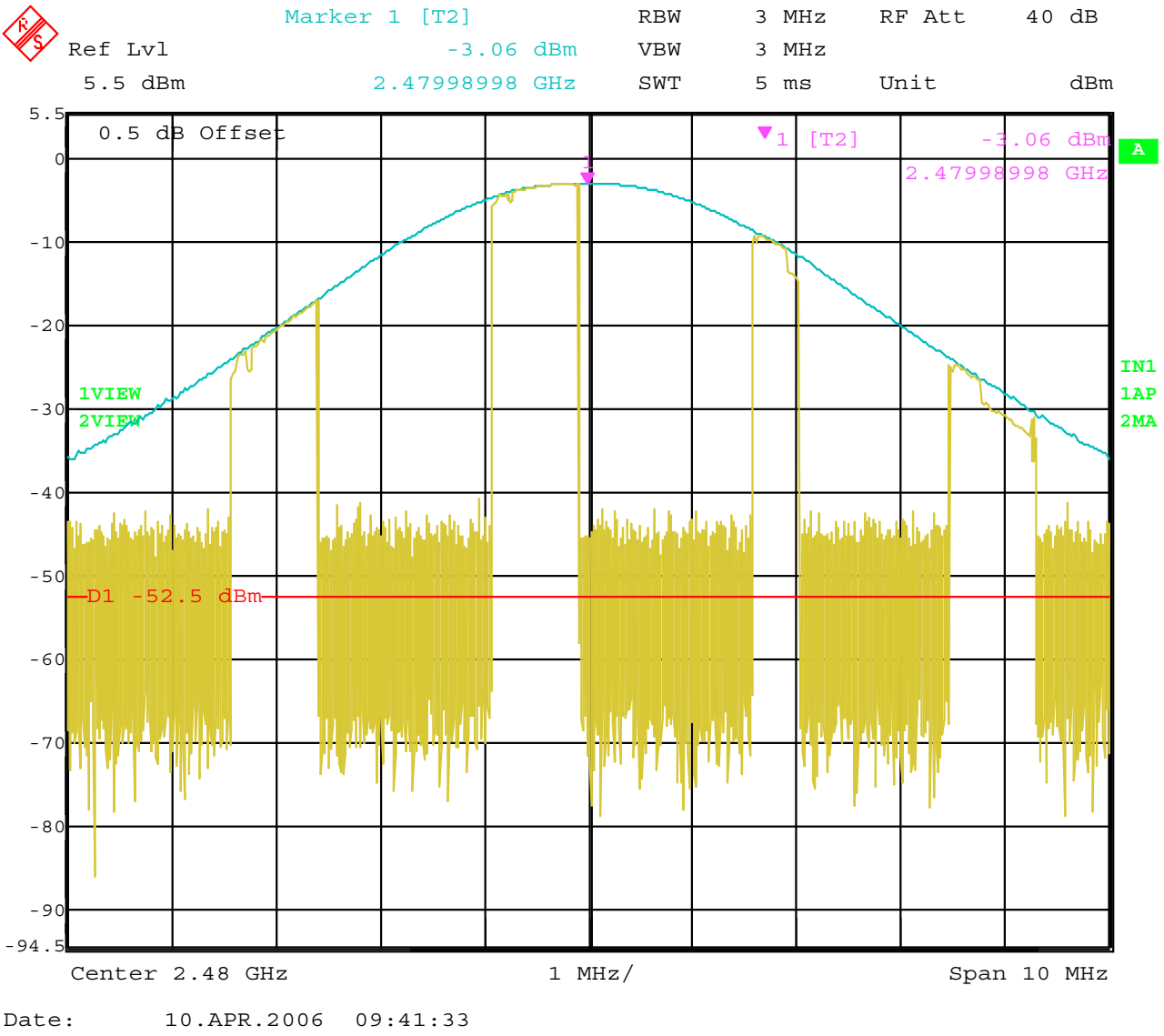
DATA SHEETS



Peak Power Output of the Low Channel



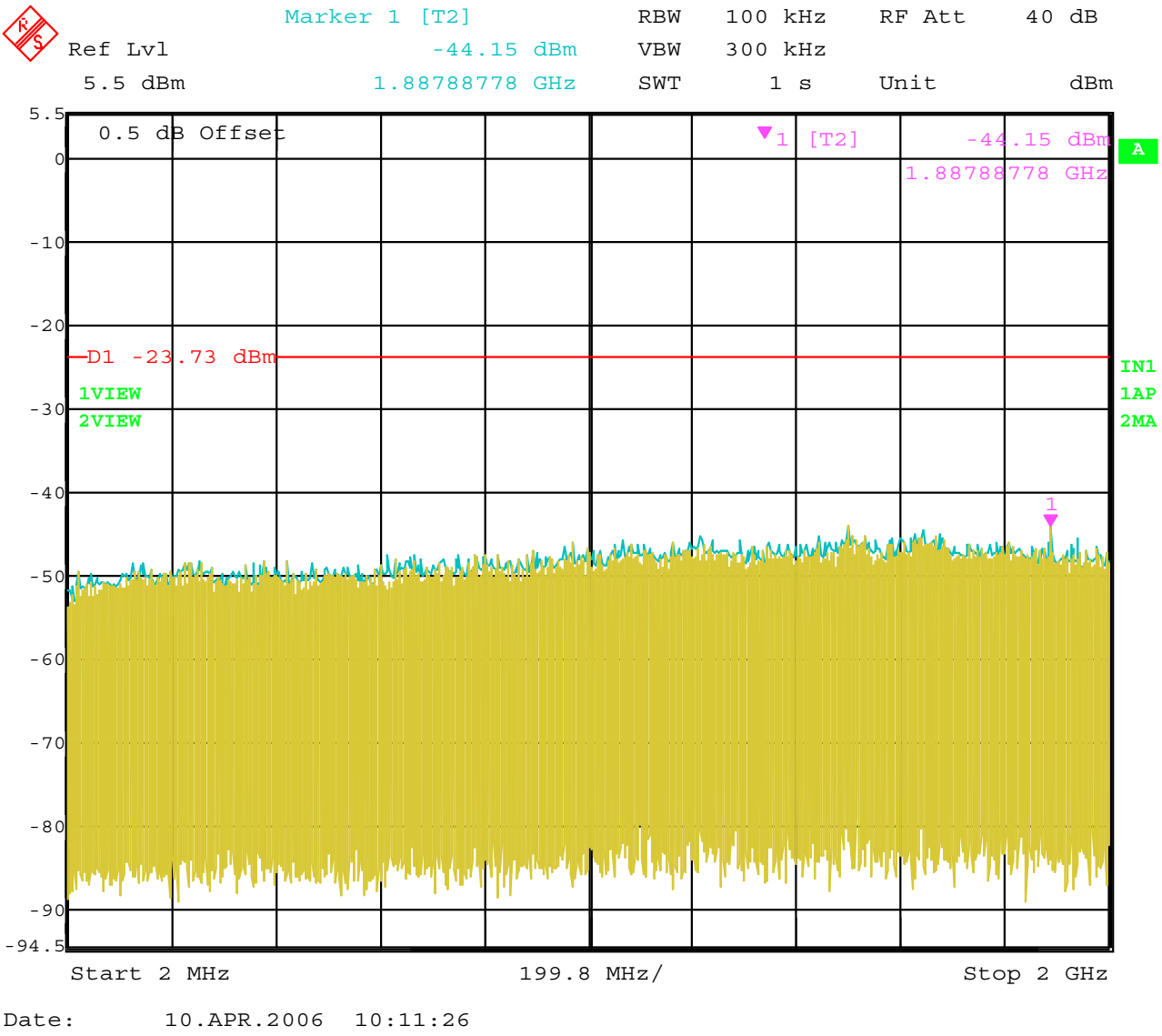
Peak Power Output of the Middle Channel



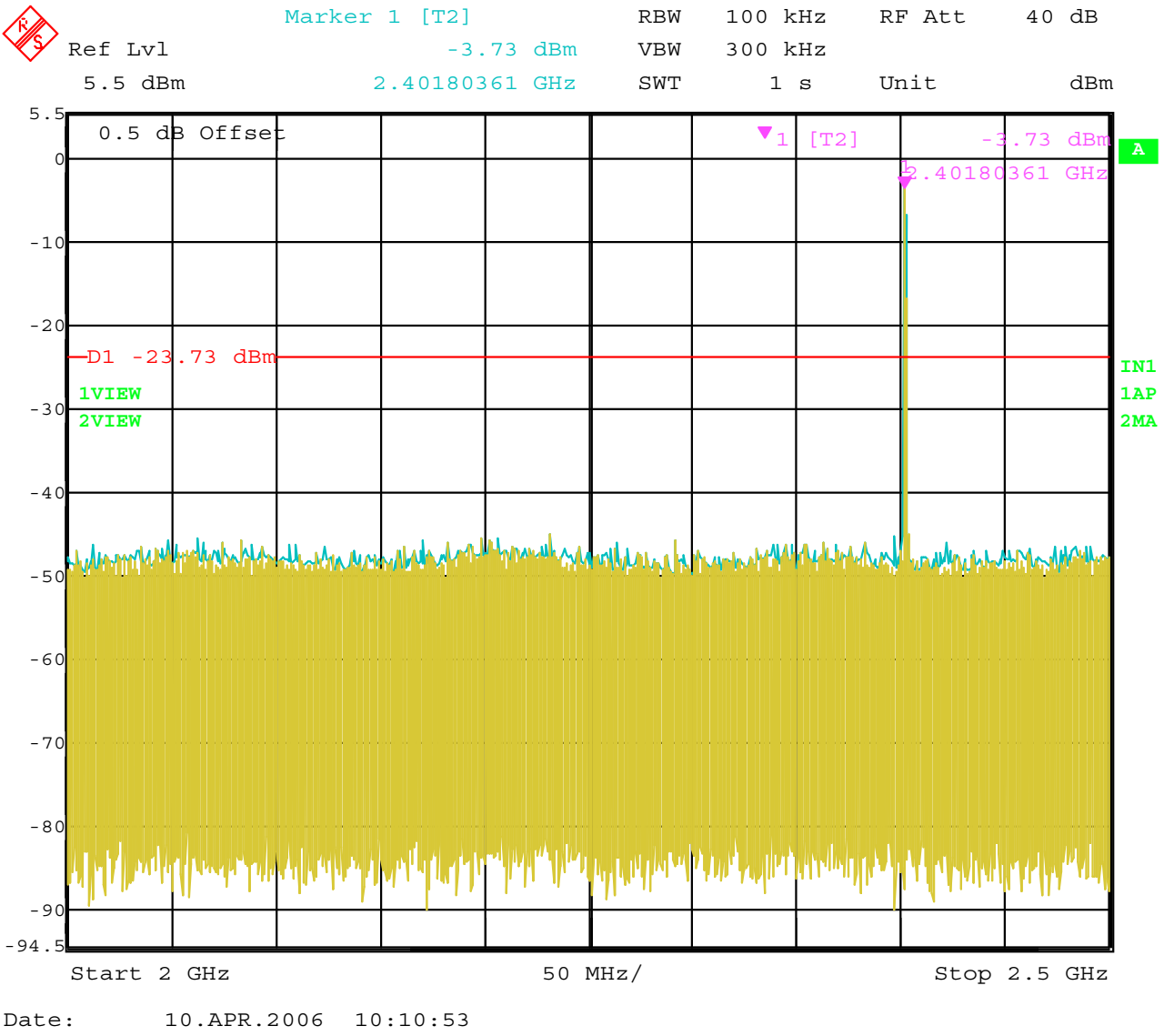
Peak Power Output of the High Channel

RF CONDUCTED ANTENNA TEST

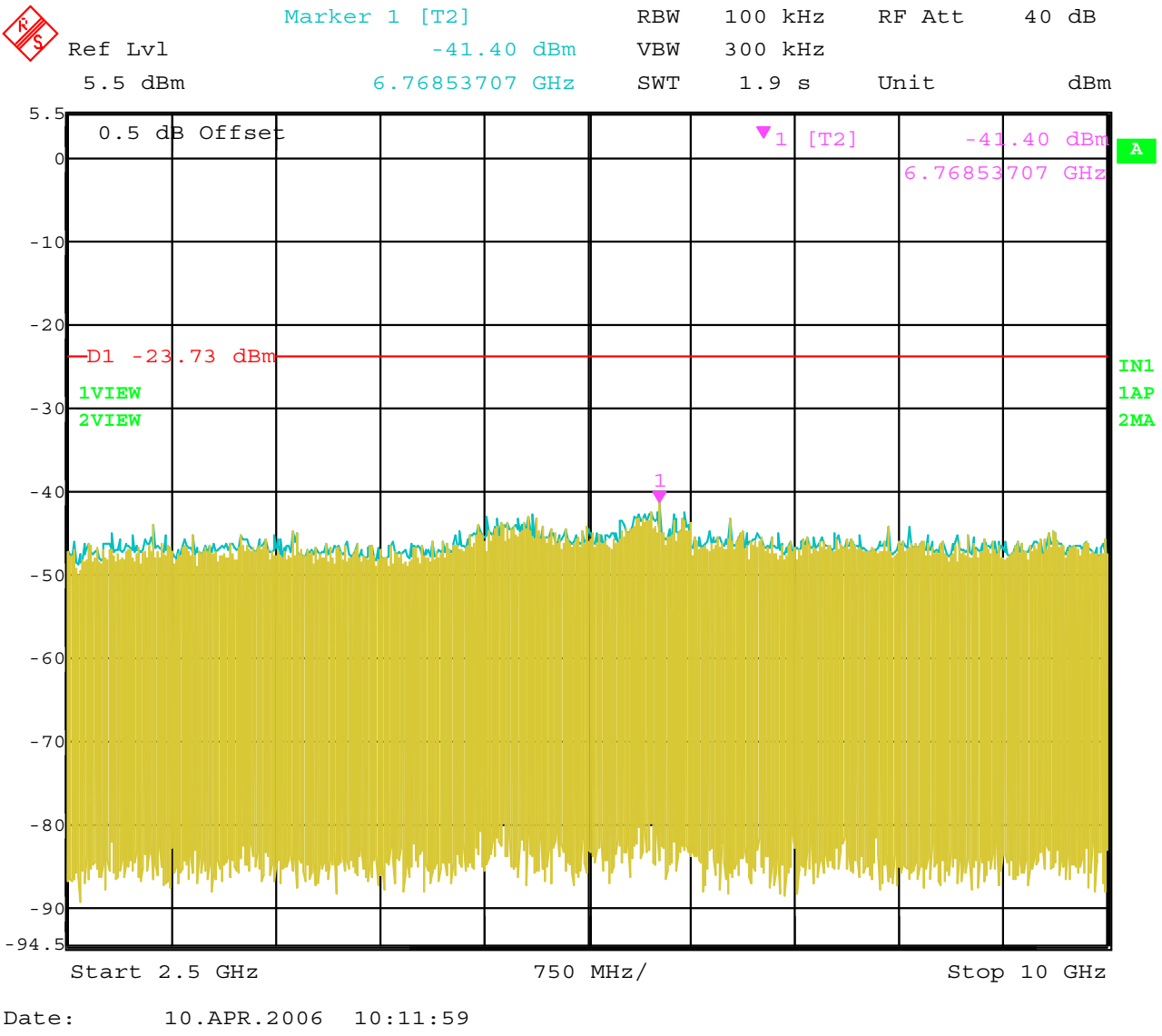
DATA SHEETS



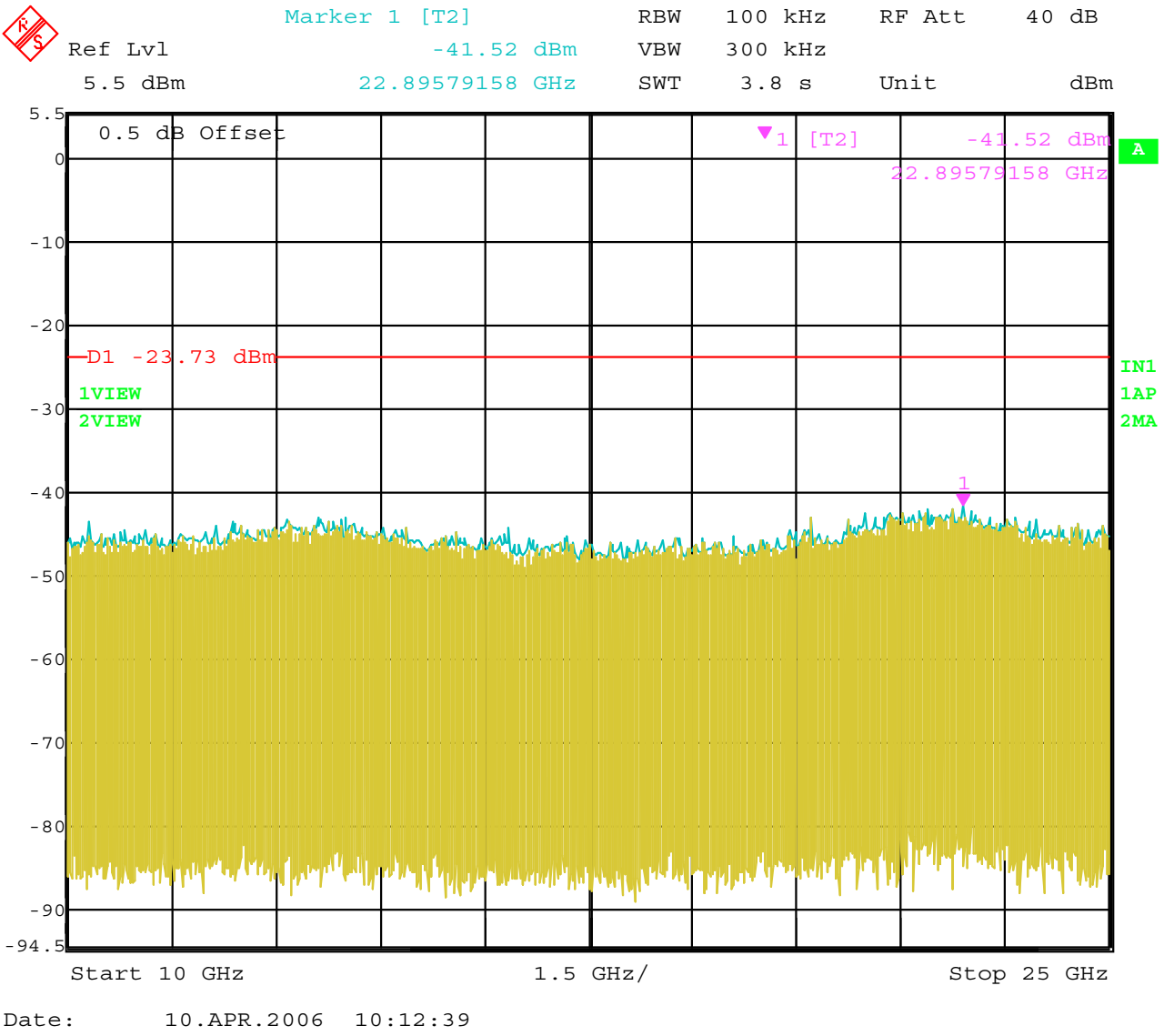
RF Antenna Conducted Test – Low Channel – 2 MHz to 2 GHz



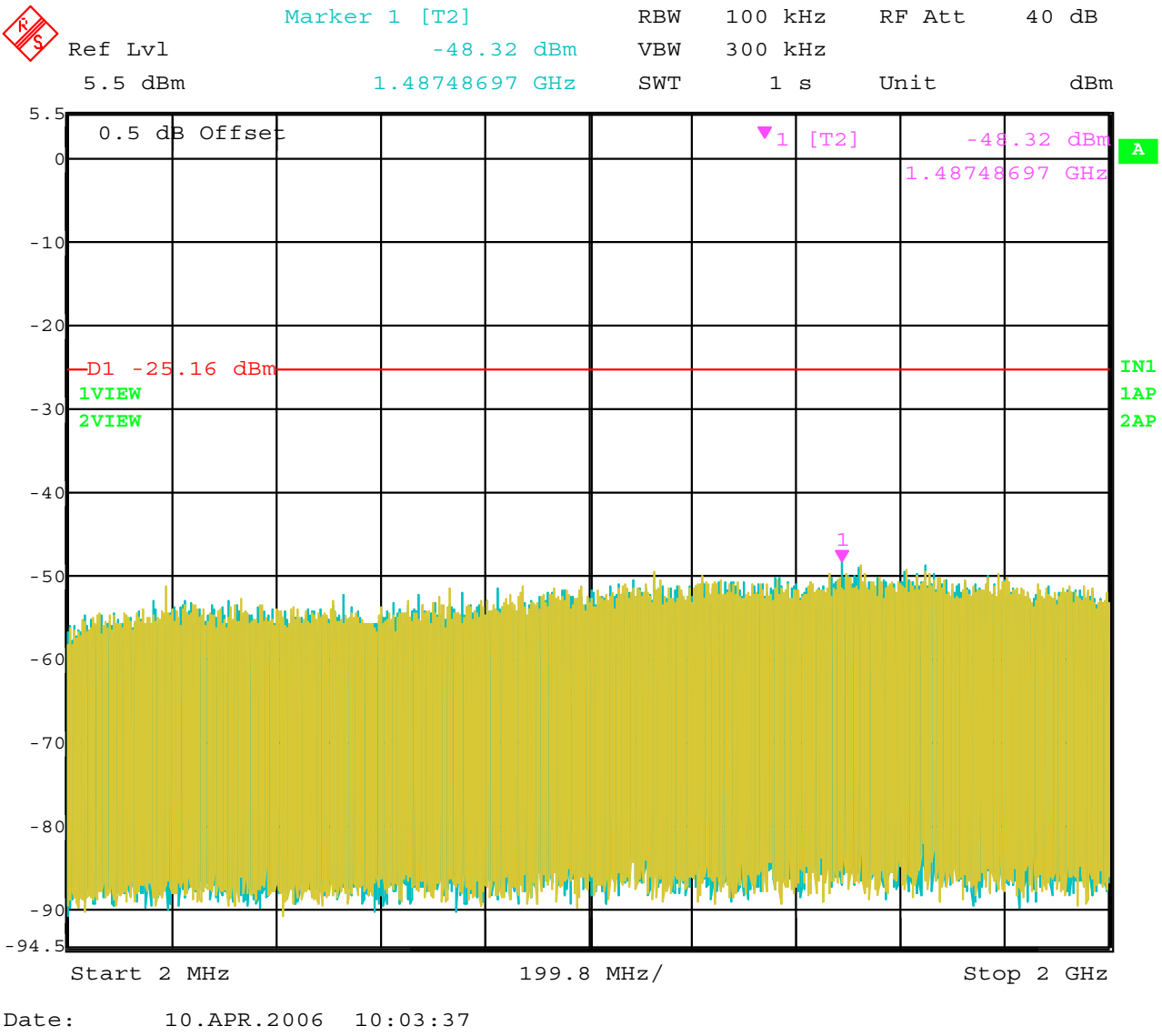
RF Antenna Conducted Test – Low Channel – 2 GHz to 2.5 GHz



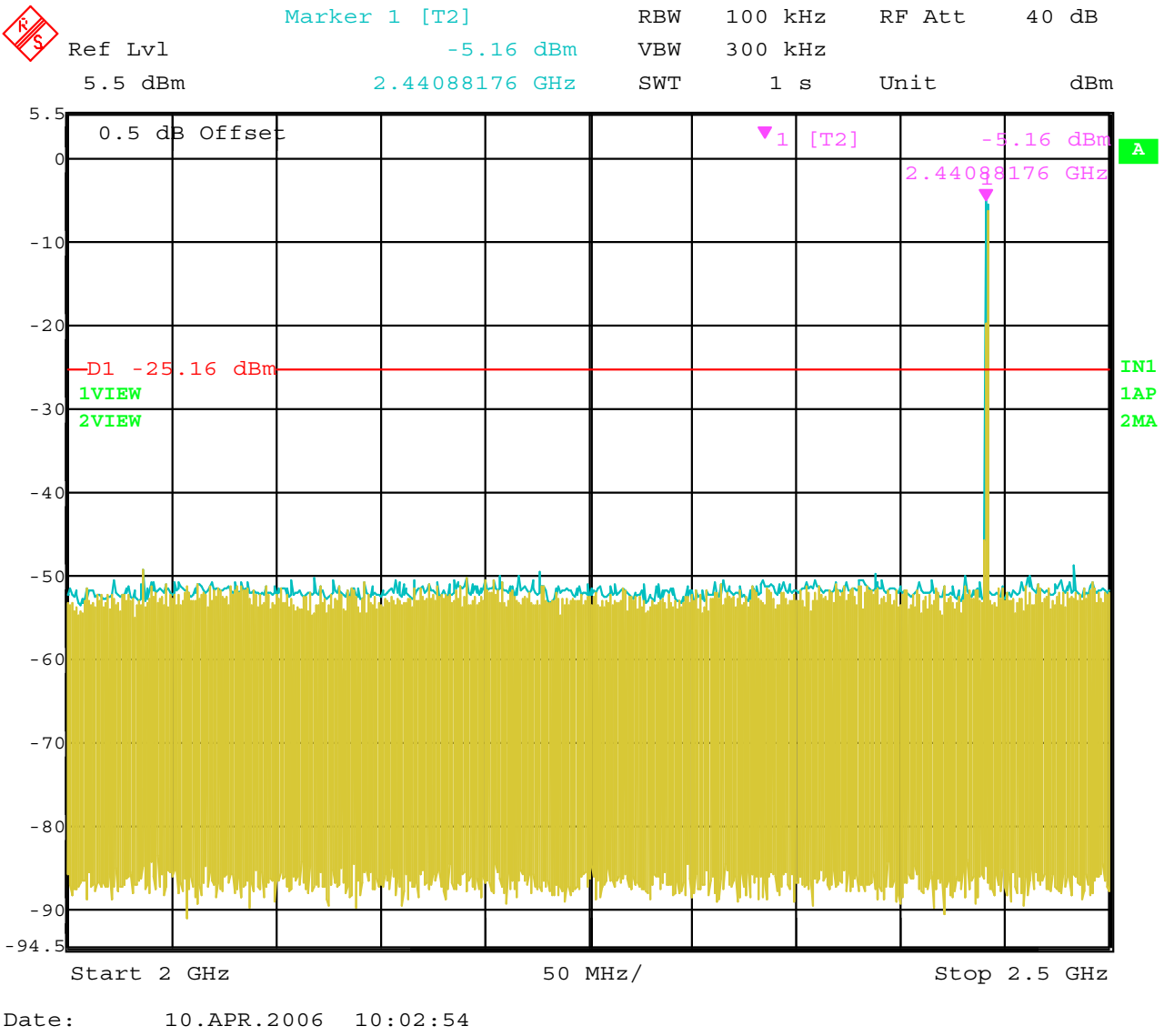
RF Antenna Conducted Test – Low Channel – 2.5 GHz to 10 GHz



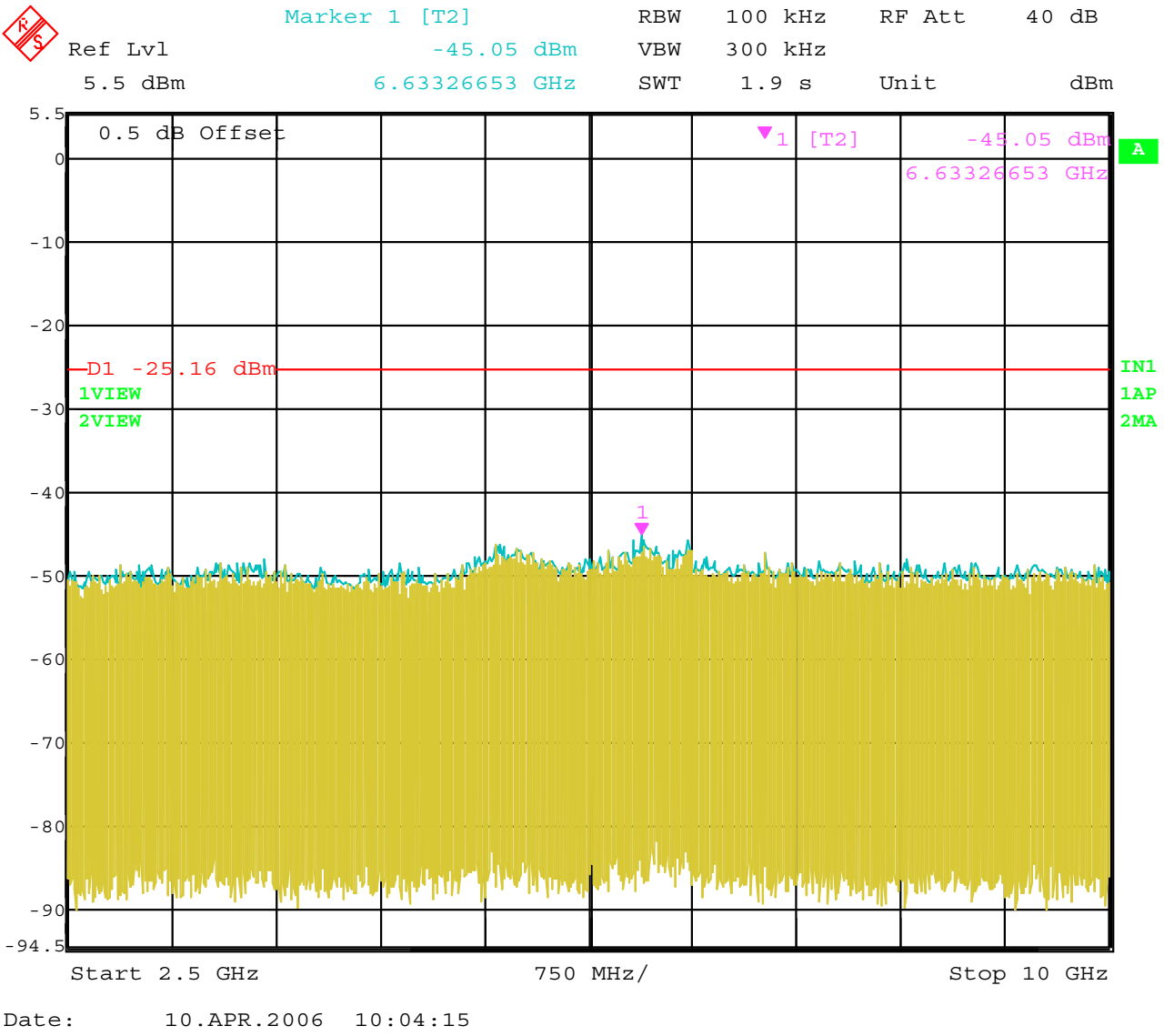
RF Antenna Conducted Test – Low Channel – 10 GHz to 25 GHz



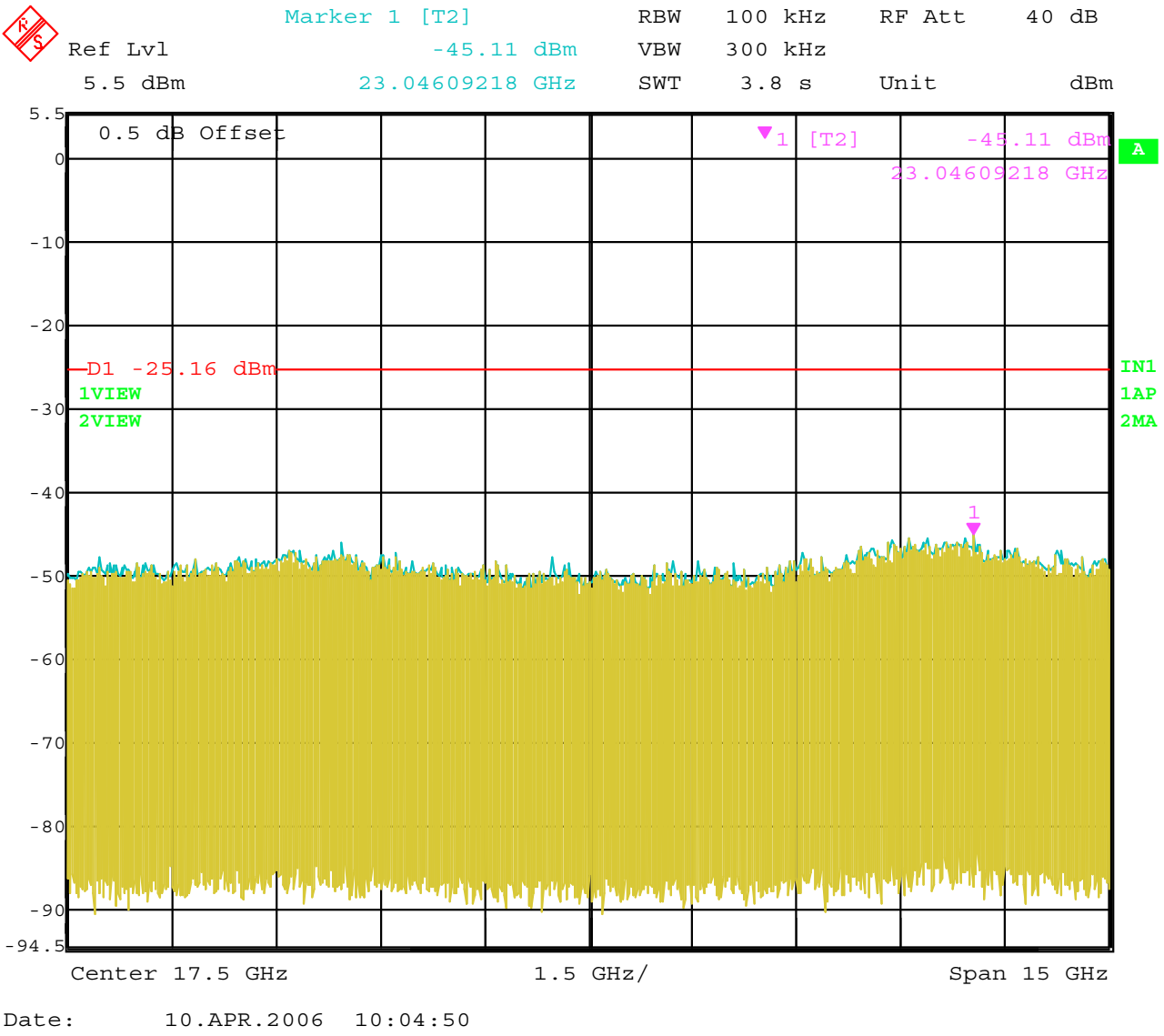
RF Antenna Conducted Test – Middle Channel – 2 MHz to 2 GHz



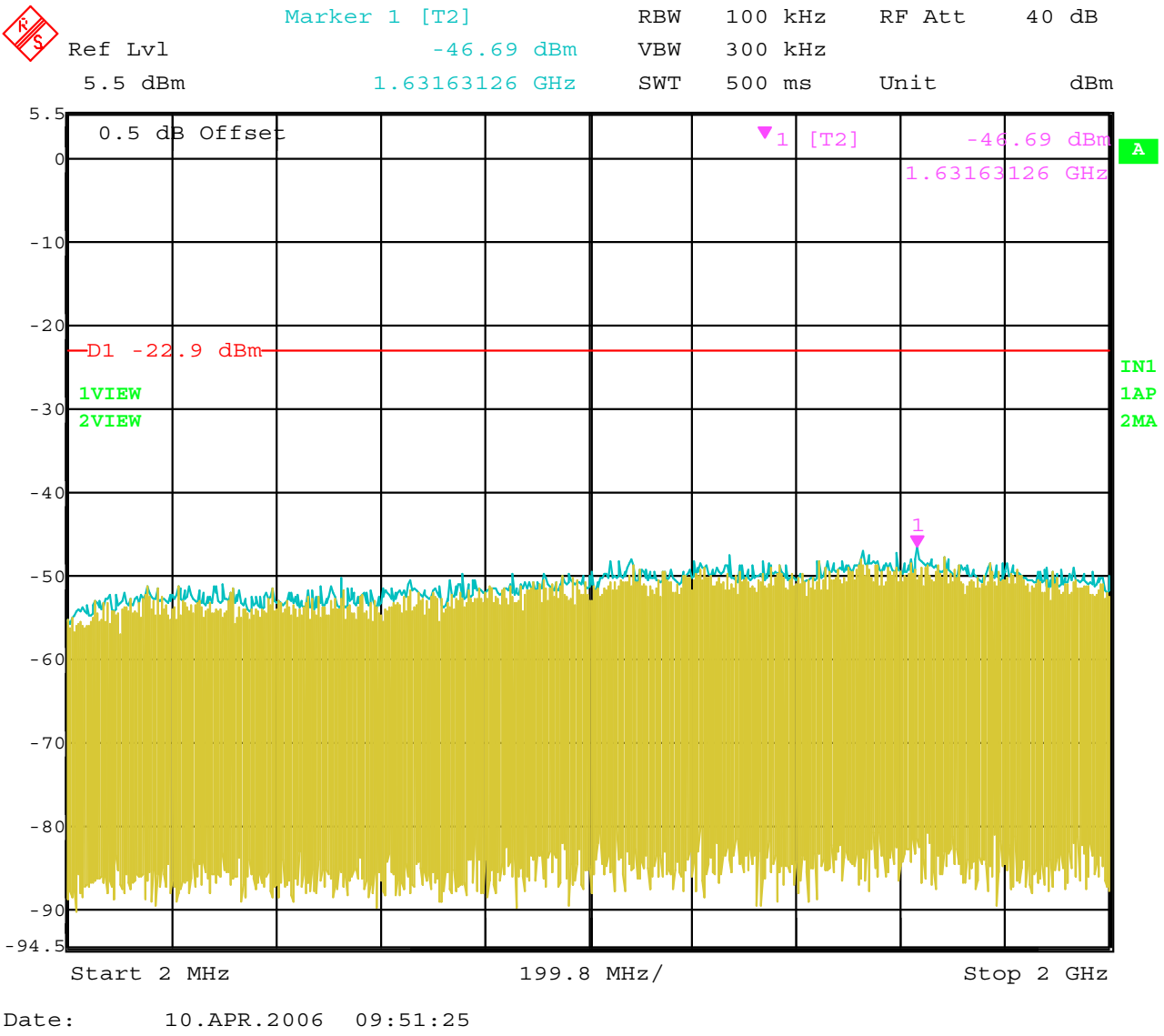
RF Antenna Conducted Test – Middle Channel – 2 GHz to 2.5 GHz



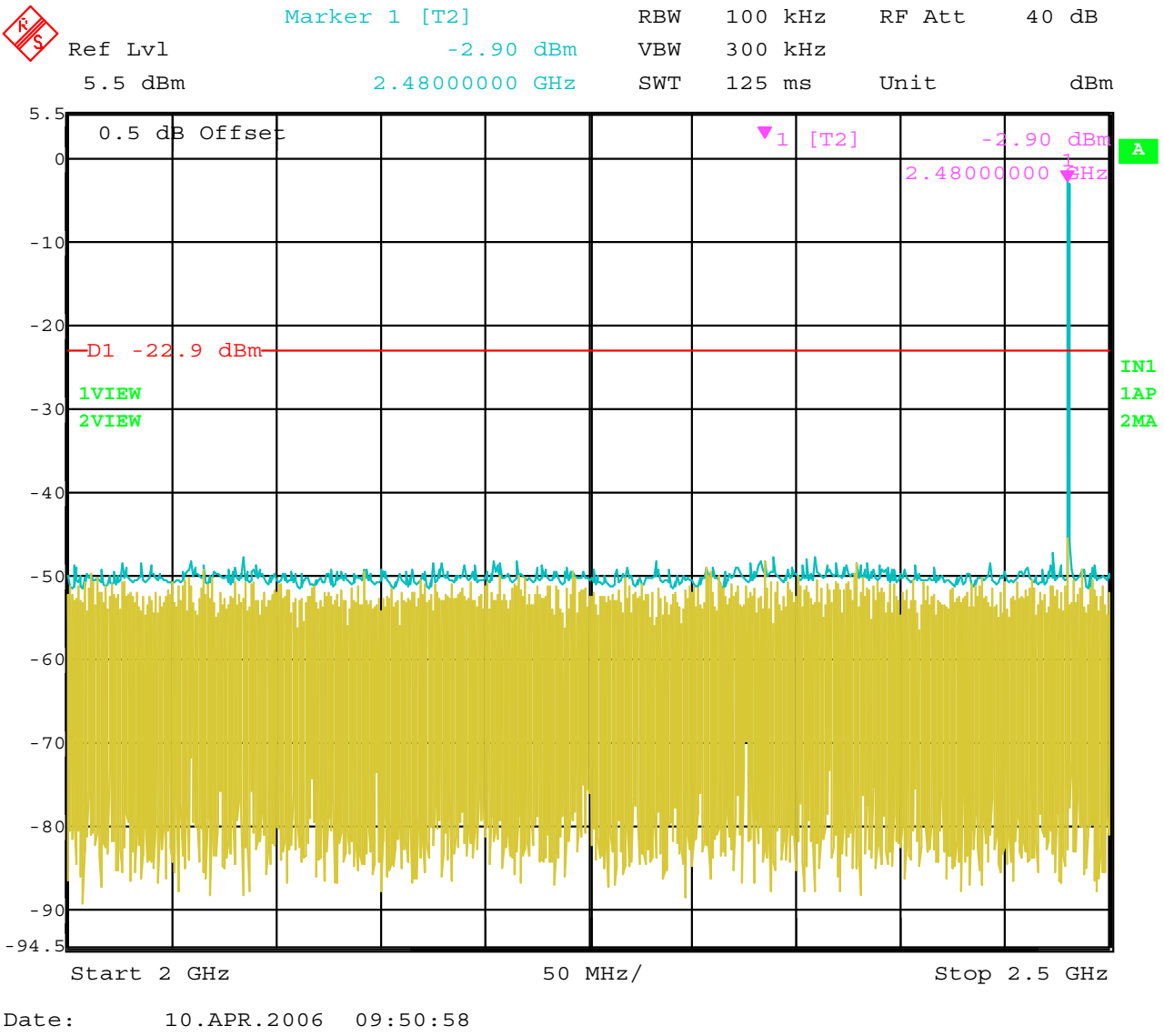
RF Antenna Conducted Test – Middle Channel – 2.5 GHz to 10 GHz



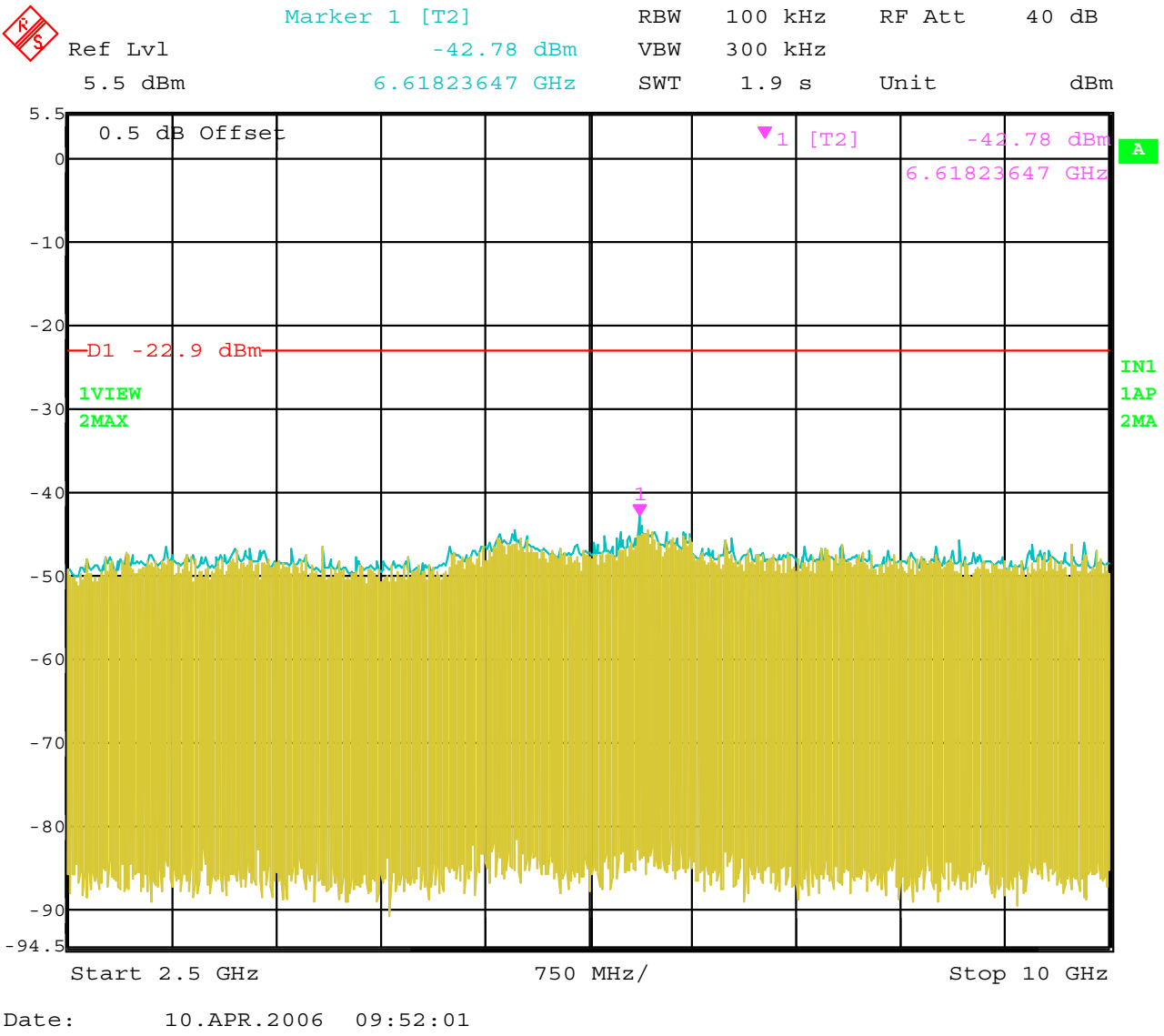
RF Antenna Conducted Test – Middle Channel – 10 GHz to 25 GHz



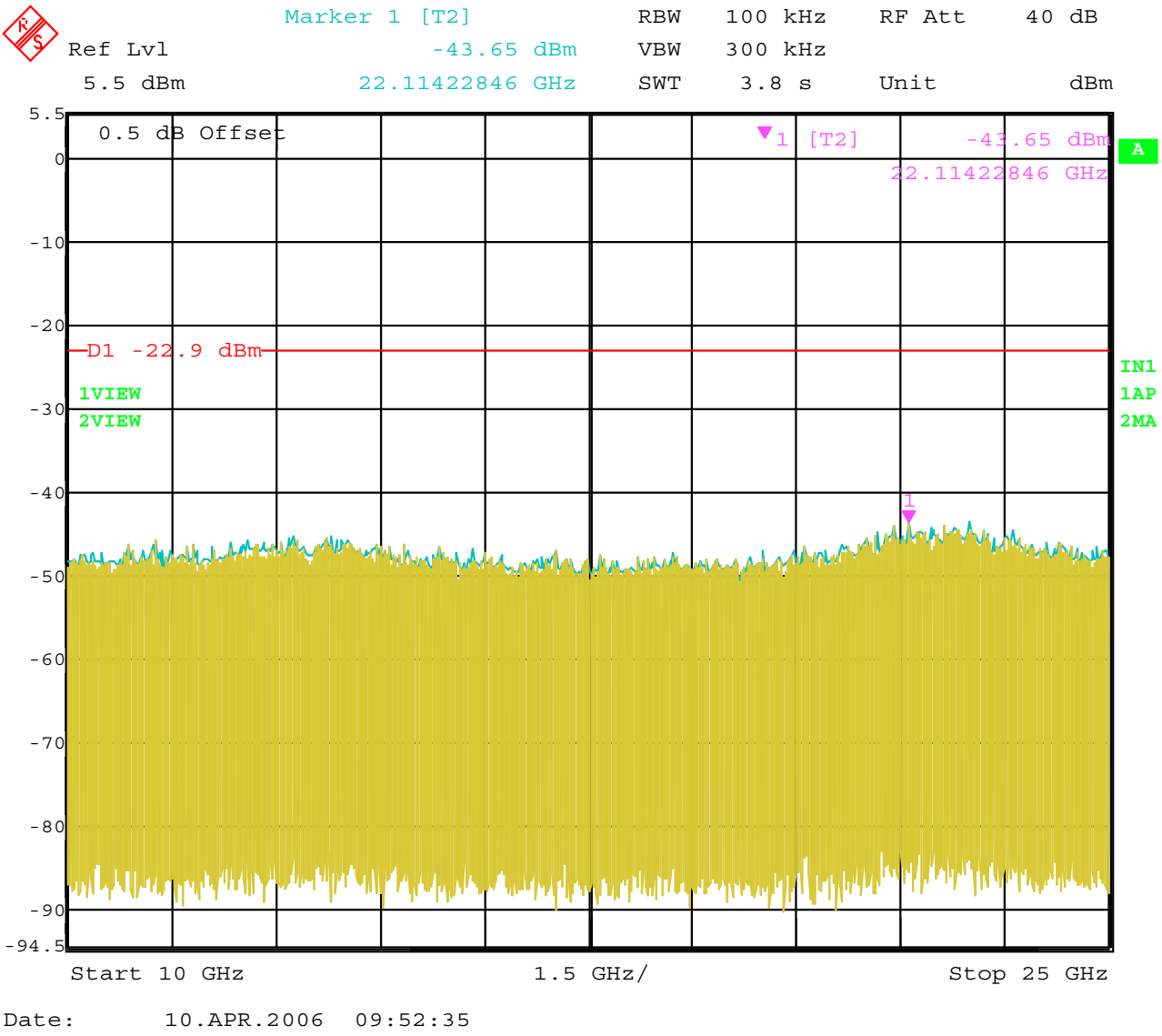
RF Antenna Conducted Test – High Channel – 2 MHz to 2 GHz



RF Antenna Conducted Test – High Channel – 2 GHz to 2.5 GHz



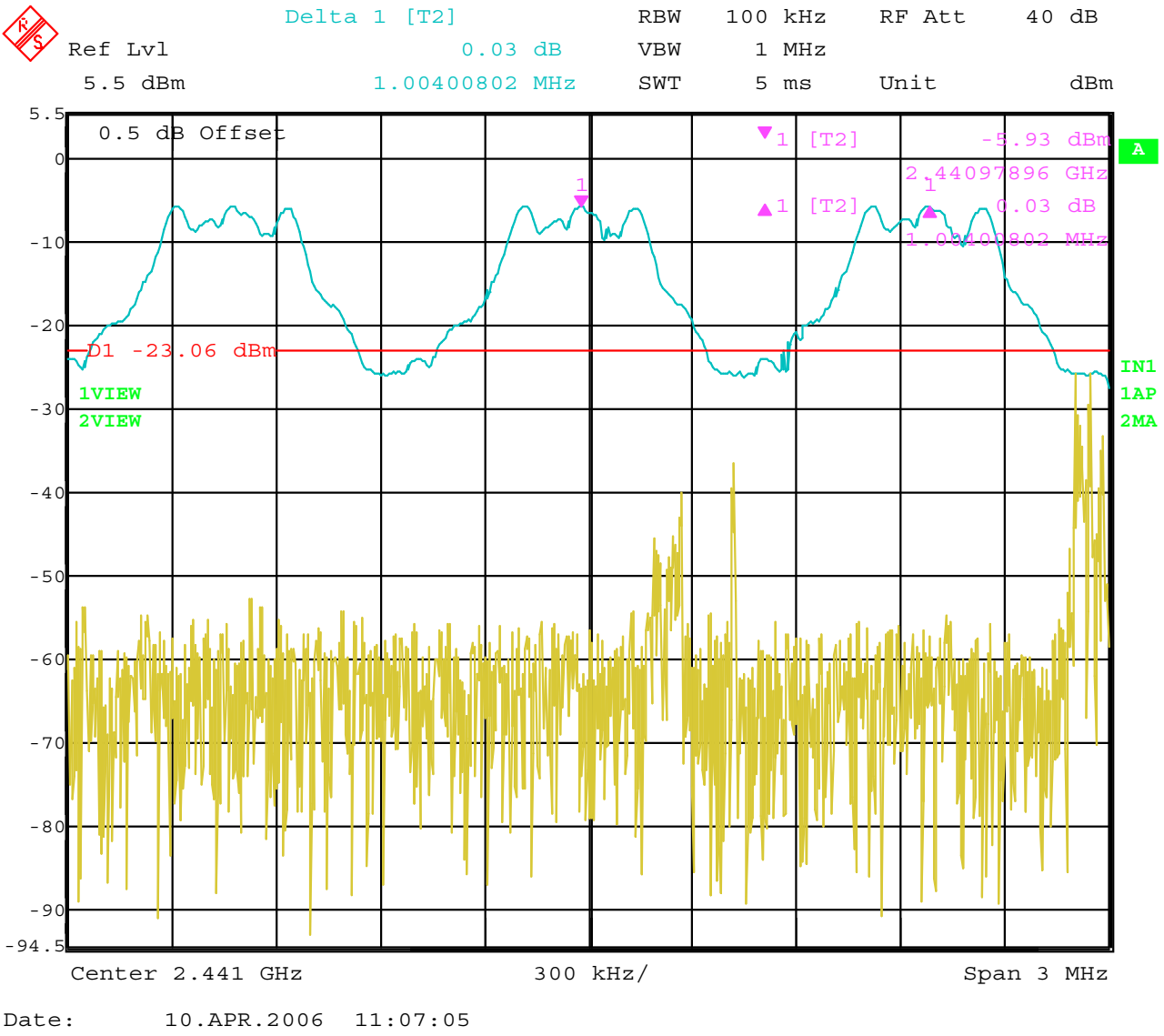
RF Antenna Conducted Test – High Channel – 2.5 GHz to 10 GHz



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

CHANNEL HOPPING SEPARATION

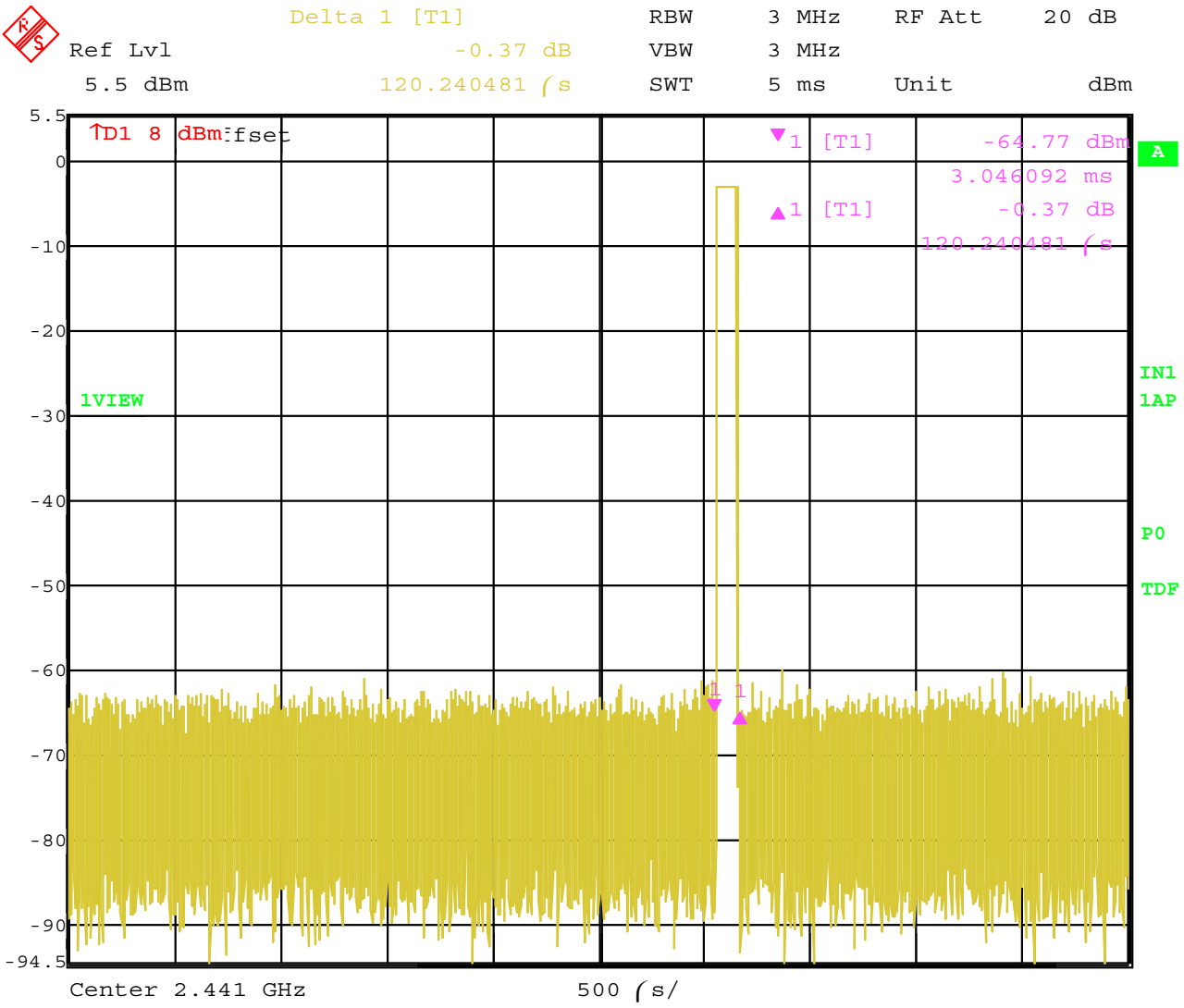
DATA SHEET



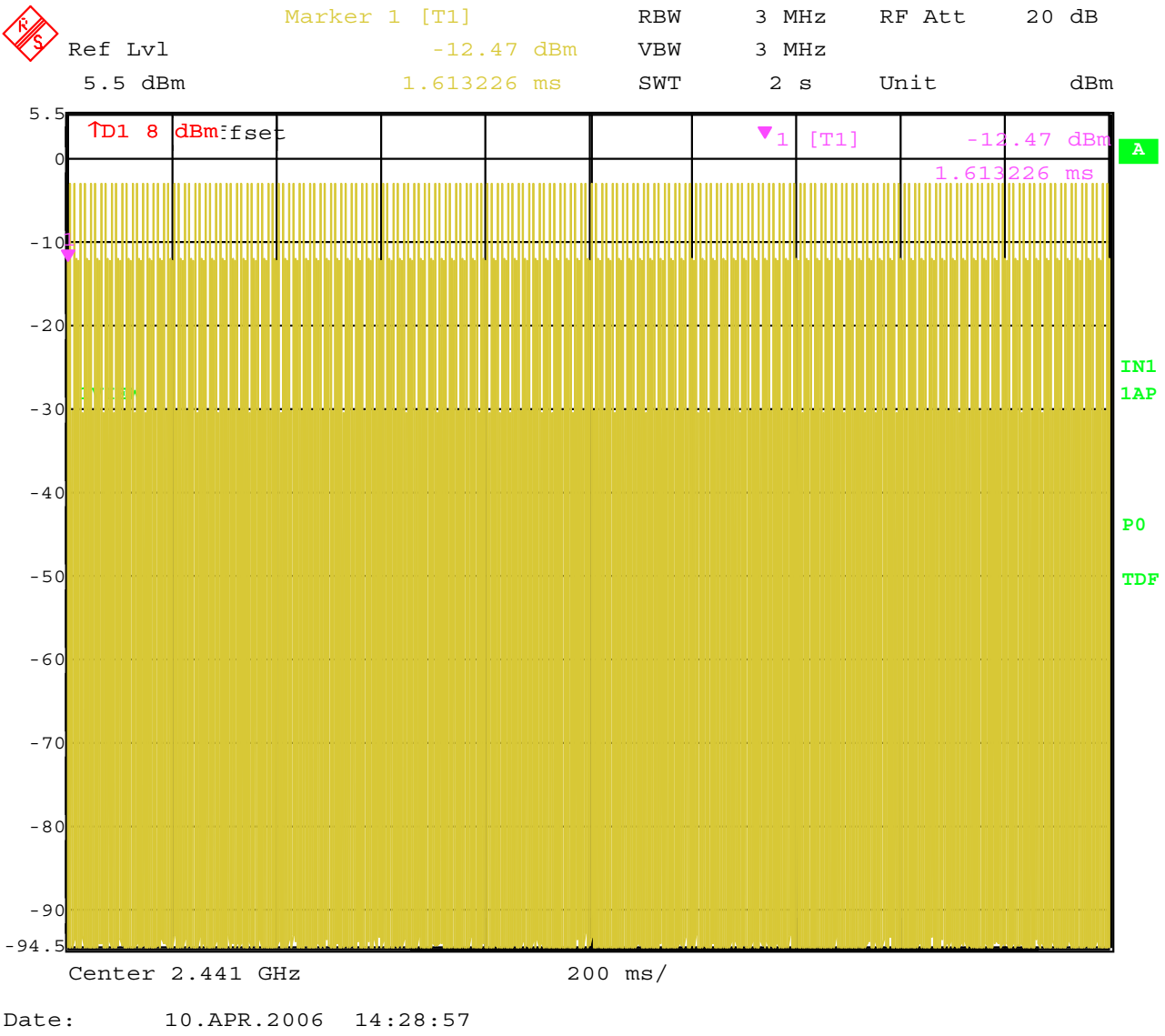
Channel Frequency Separation Test

AVERAGE TIME OF OCCUPANCY

DATA SHEETS



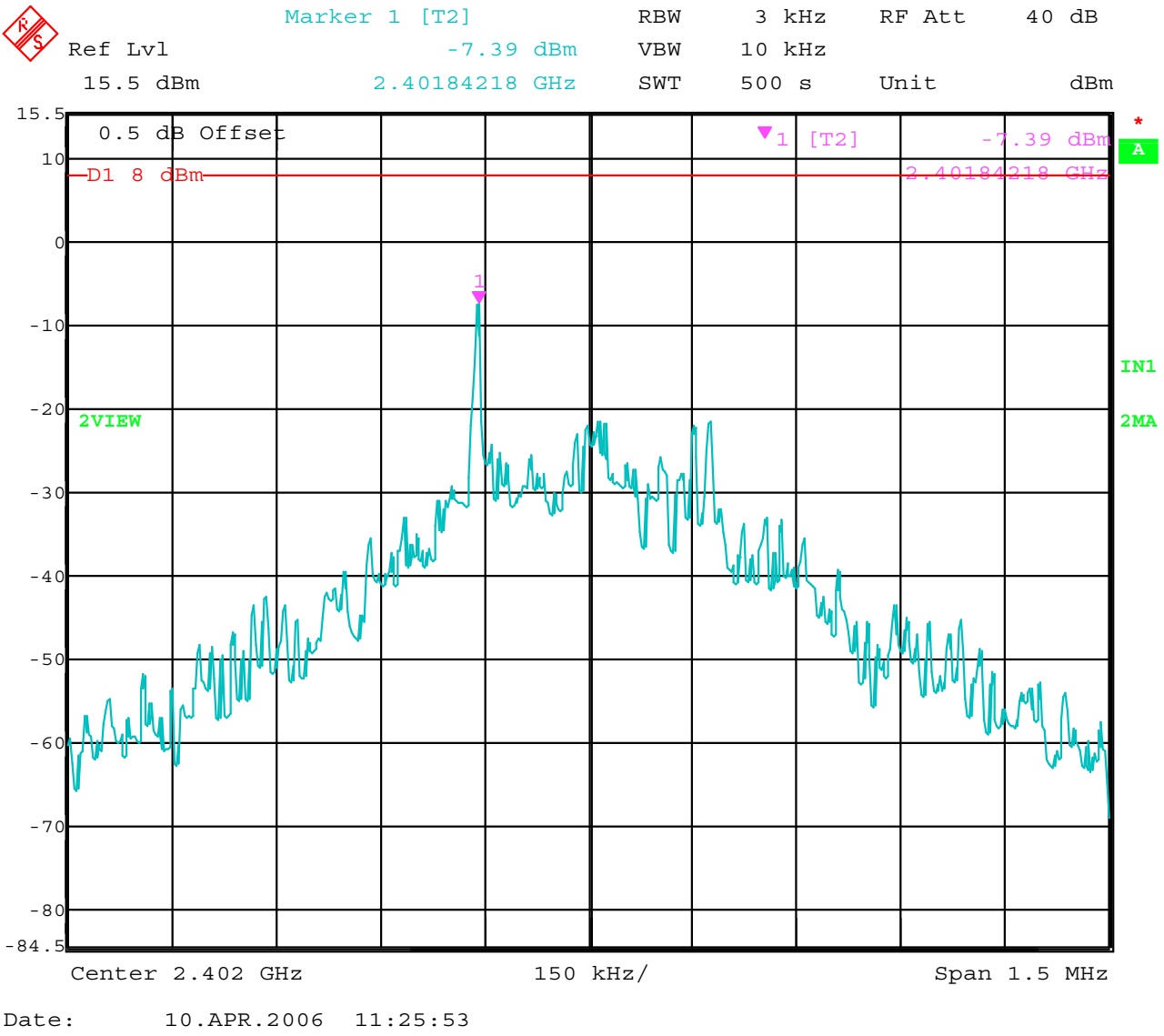
Time of 1 Pulse = 120.240481 uS



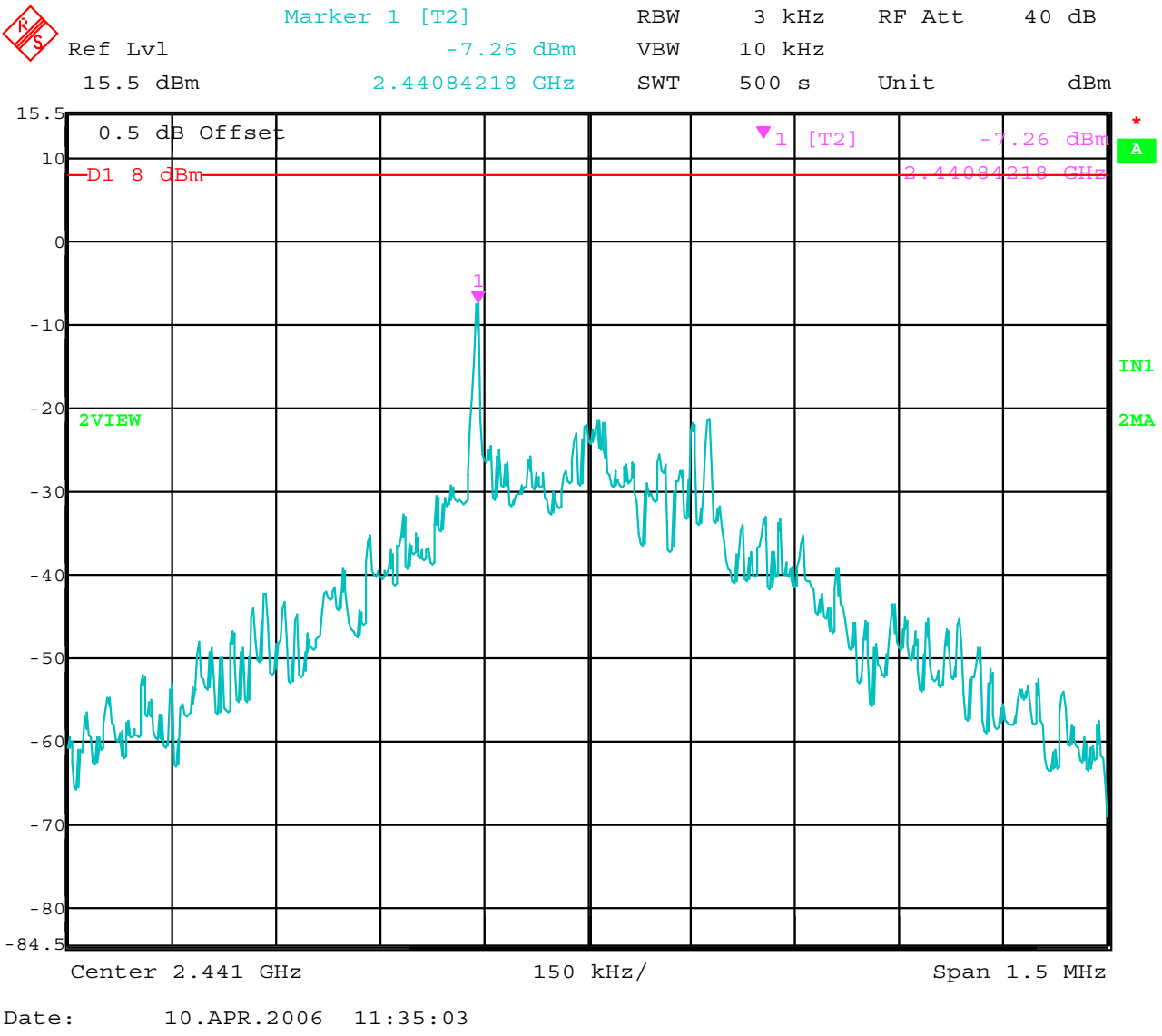
Number of Pulses in 2 Seconds = 200
Number of Pulses in 31.6 Seconds = 200*15.8 = 3160 Pulses in a 31.6 Second Period
Time of Occupancy = 3160 * 120.240481 uS = 379.96 mS per 31.6 Second Period
Limit = 400 mS per 31.6 Second Period

SPECTRAL DENSITY OUTPUT

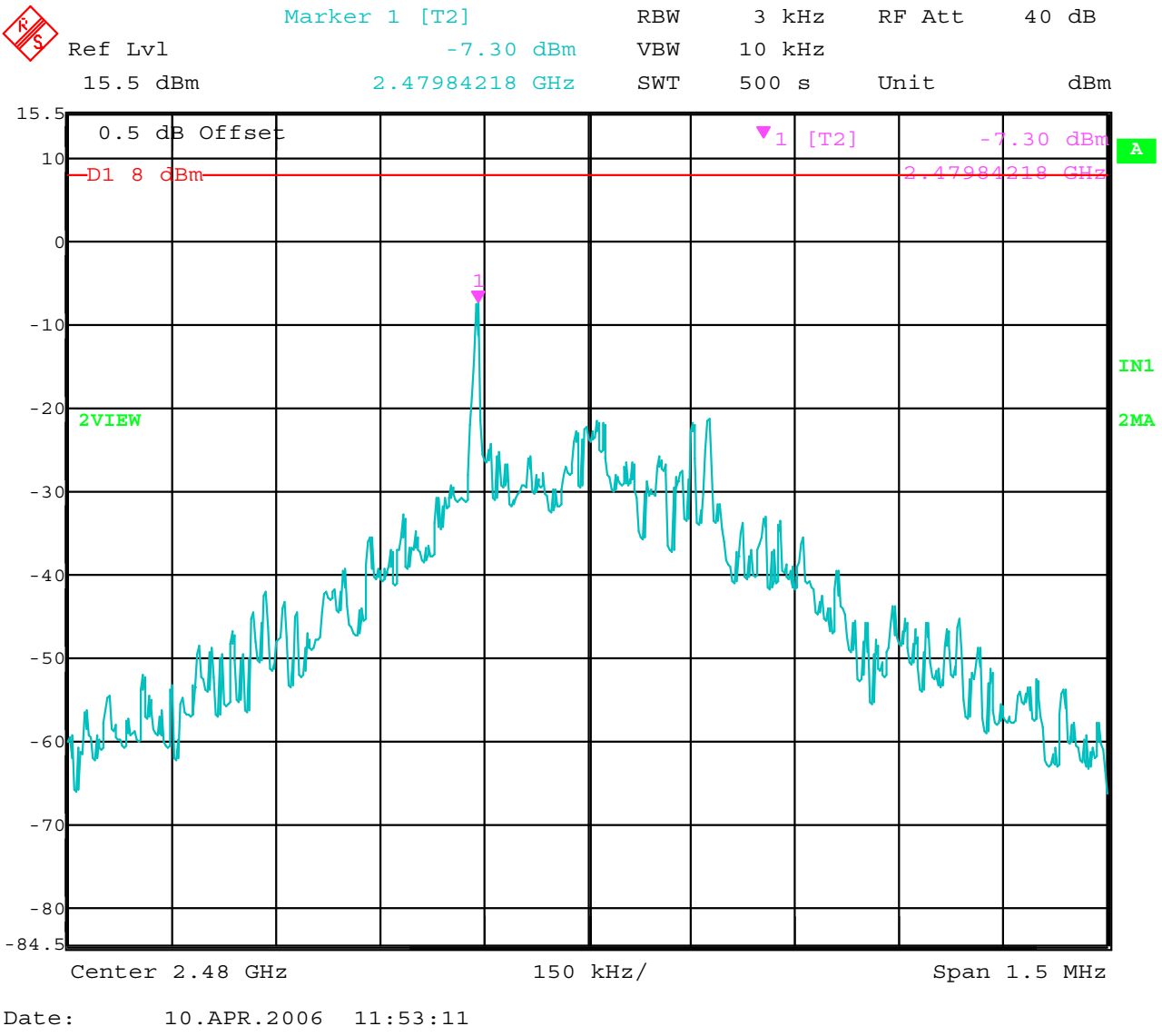
DATA SHEETS



Spectral Density Output – Low Channel



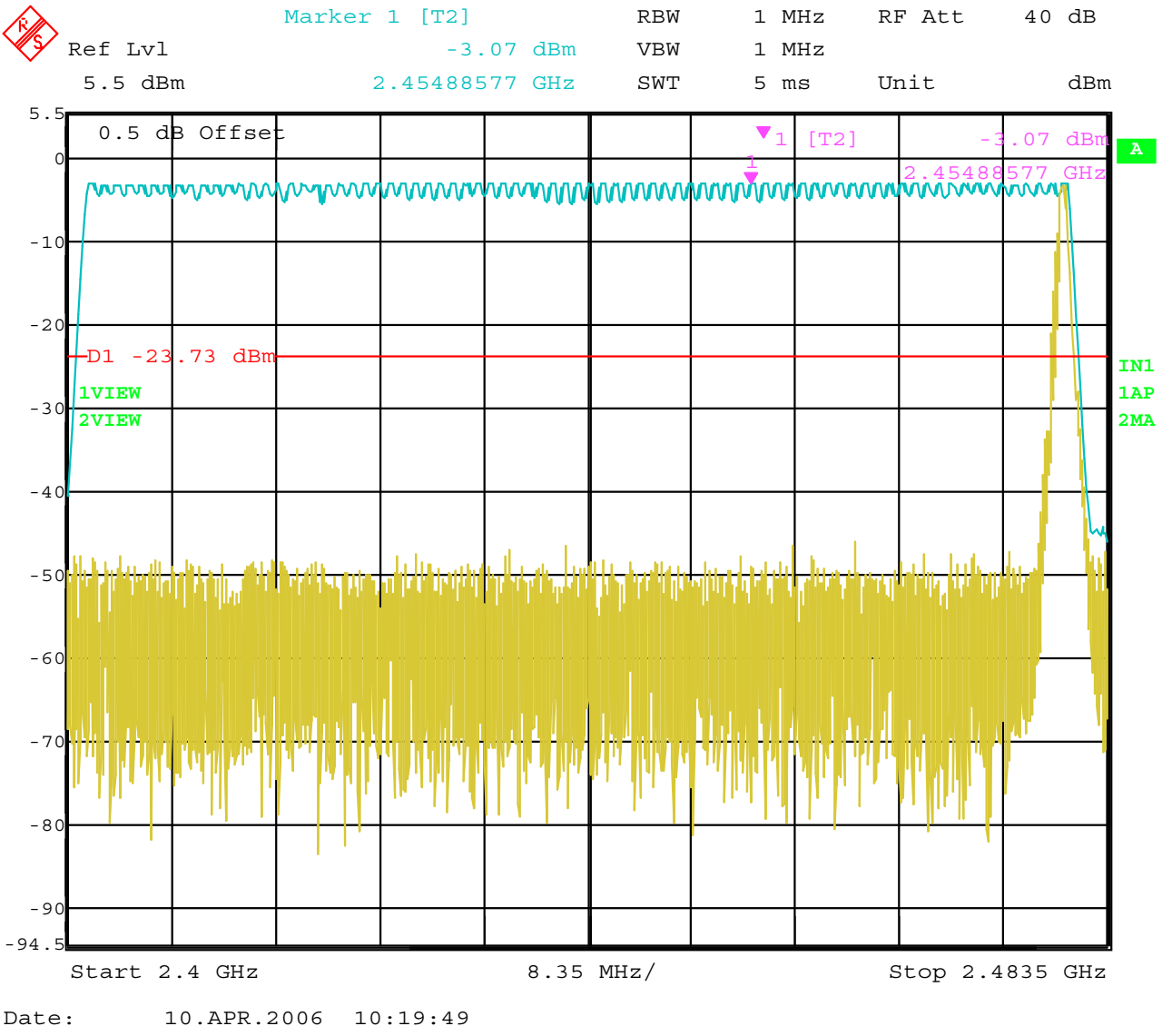
Spectral Density Output – Middle Channel



Spectral Density Output – High Channel

NUMBER OF HOPPING FREQUENCIES

DATA SHEET



Number of Frequencies (79 Total)

BAND EDGES

DATA SHEETS

FCC 15.247
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P
Configuration: In the LP3-L Printer

Date: 11/28/06
Lab: B
Tested By: Kyle Fujmoto

Low Channel - 2402 MHz
Middle Channel - 2441 MHz
High Channel - 2480 MHz

Desktop Axis (Worst Case)

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
2402	89.48	V	--	--	Peak	1.62	315	Fundamental of Low Channel
								@ 3 meters
2343.3	35.73	V	54	-18.27	Peak	1.62	315	**No** Marker Delta Method
								Method Used
2441	85.51	V	--	--	Peak	1.54	0	Fundamental of Middle Channel
								@ 3 meters
2480	83.08	V	--	--	Peak	2.35	180	Fundamental of High Channel
								@ 3 meters
2483.5	30.69	V	54	-23.31	Peak	2.35	180	**No** Marker Delta Method
								Method Used

FCC 15.247
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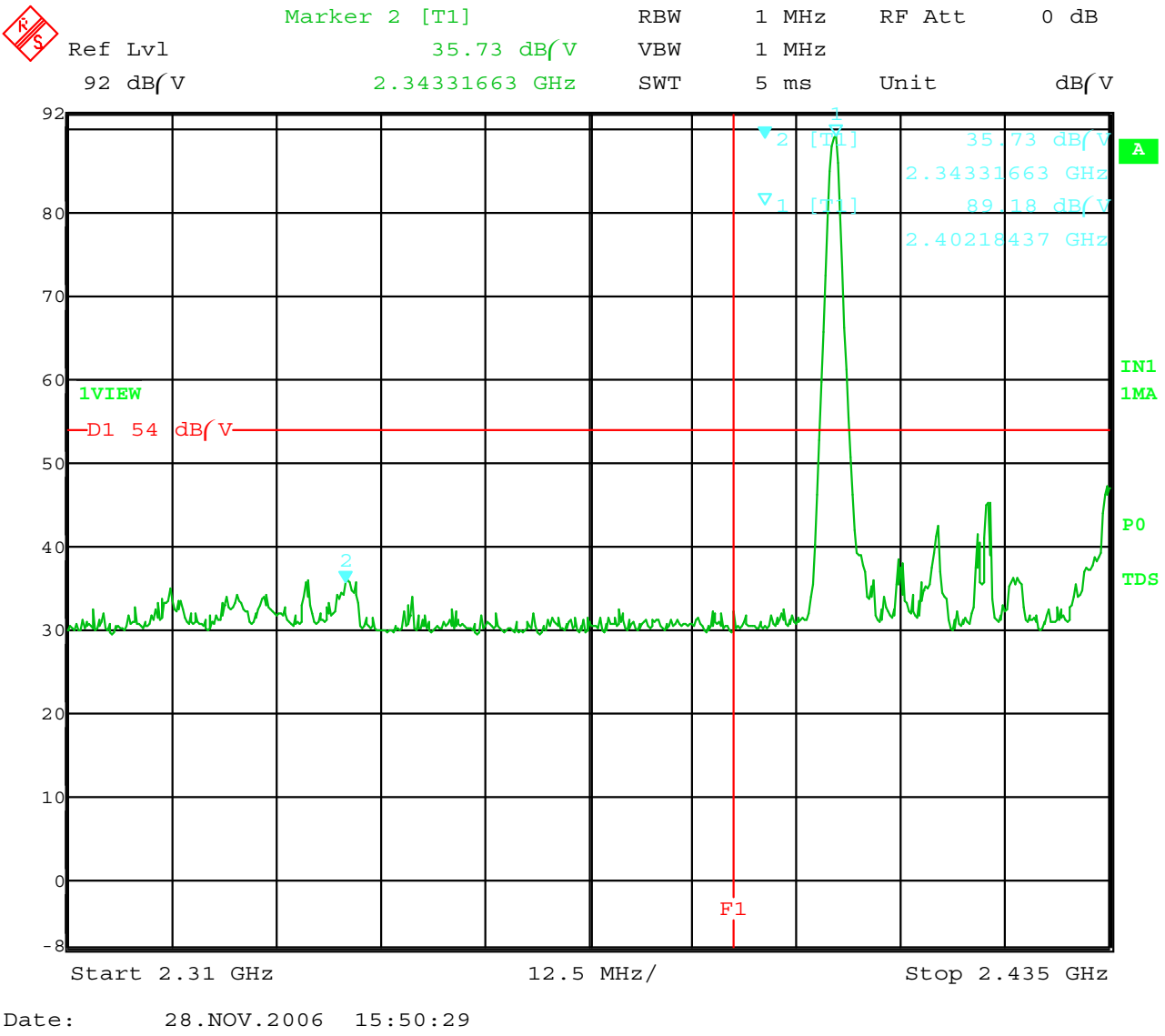
Radio Bluetooth Unicellular
Model: BT261159P
Configuration: In the LP3-L Printer

Date: 11/28/06
Lab: B
Tested By: Kyle Fujmoto

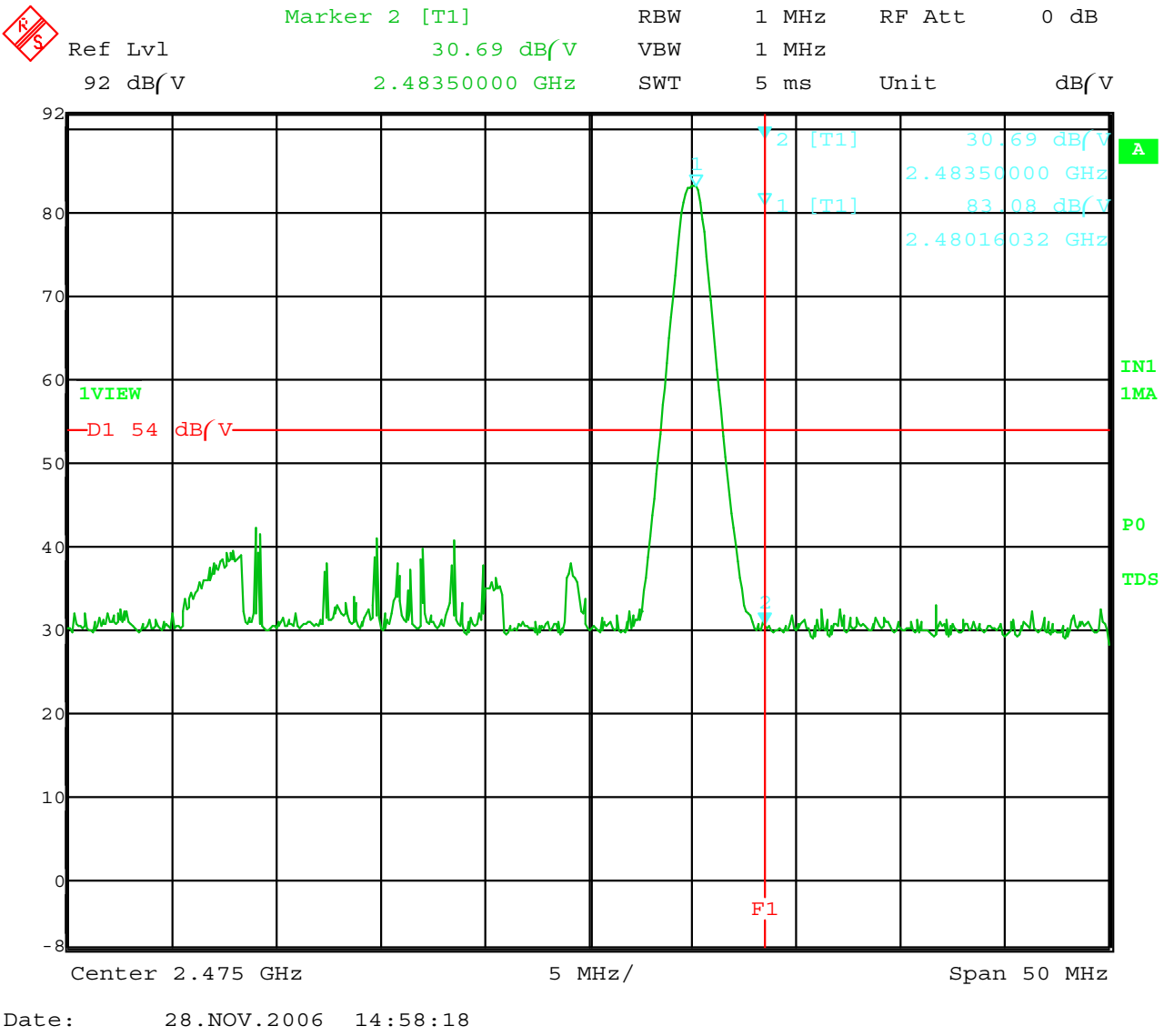
Low Channel - 2402 MHz
Middle Channel - 2441 MHz
High Channel - 2480 MHz

Belt Axis (Worst Case)

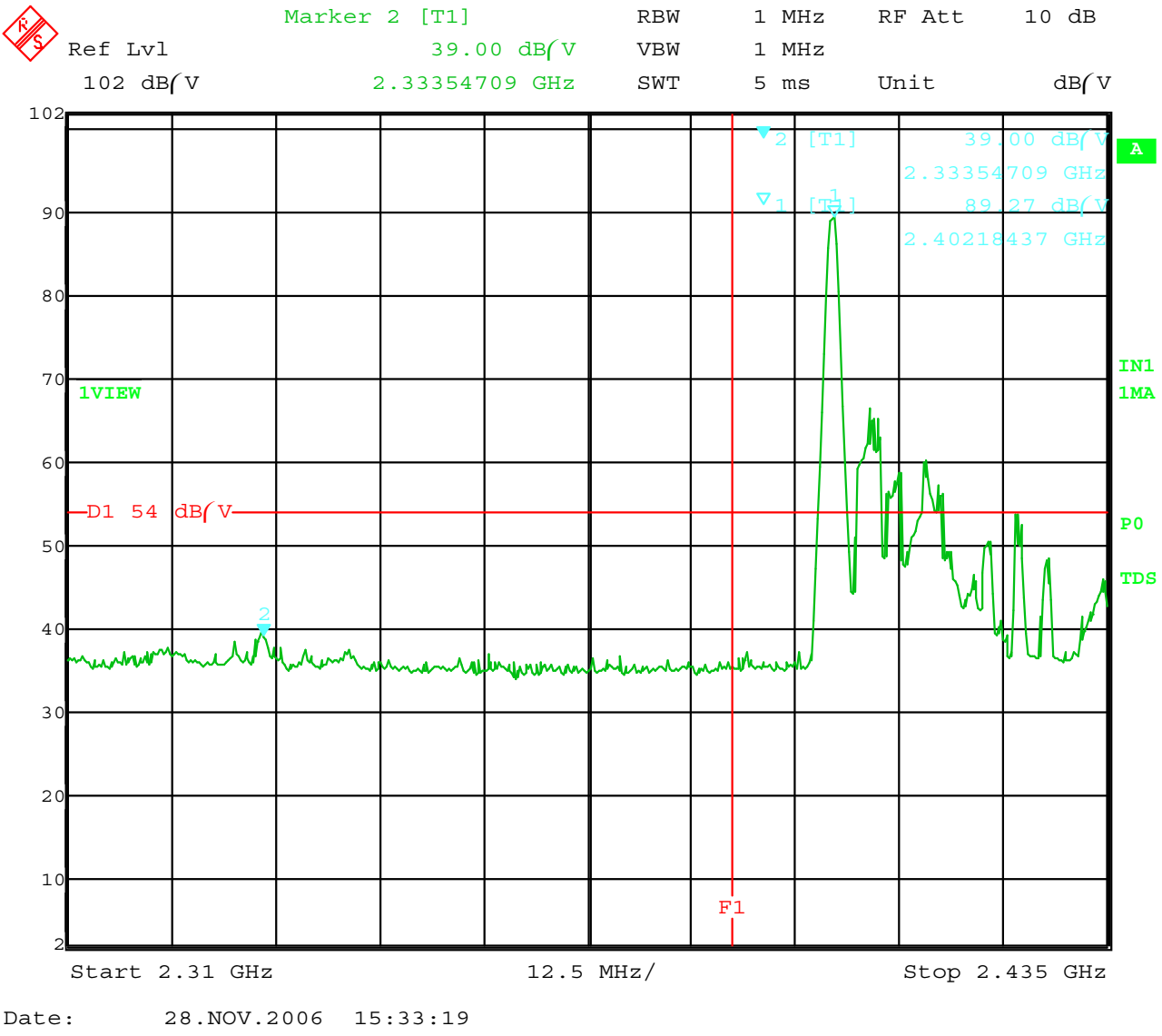
Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
2402	89.27	H	--	--	Peak	1.56	225	Fundamental of Low Channel
								@ 3 meters
2331.04	39.01	H	54	-14.99	Peak	1.56	225	**No** Marker Delta Method
								Method Used
2441	87.47	H	--	--	Peak	3.02	135	Fundamental of Middle Channel
								@ 3 meters
2480	85.91	H	--	--	Peak	3.29	135	Fundamental of High Channel
								@ 3 meters
2483.5	30.75	H	54	-23.25	Peak	3.29	135	**No** Marker Delta Method
								Method Used



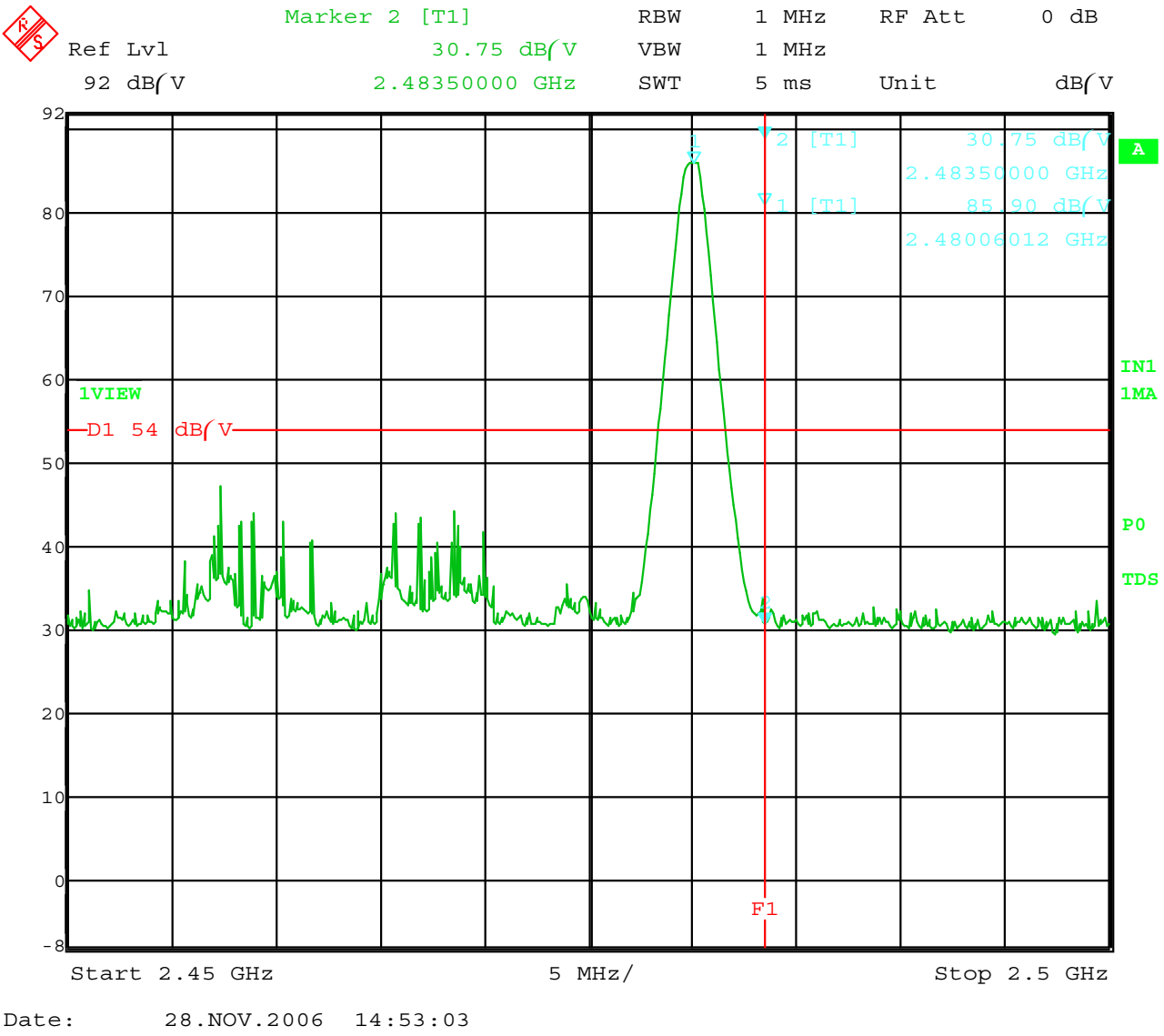
Band Edge – Low Channel – Vertical Polarization – in the LP3-L Printer – Desktop Axis (Worst Case)



Band Edge – High Channel – Vertical Polarization – in the LP3-L Printer – Desktop Axis (Worst Case)



Band Edge – Low Channel – Horizontal Polarization – in the LP3-L Printer – Belt Axis (Worst Case)



Band Edge – High Channel – Horizontal Polarization – in the LP3-L Printer – Belt Axis (Worst Case)

FCC 15.247
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P
Configuration: In the MF2t-L Printer

Date: 11/28/06
Lab: B
Tested By: Kyle Fujmoto

Low Channel - 2402 MHz
Middle Channel - 2441 MHz
High Channel - 2480 MHz

Desktop Axis (Worst Case)

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
2402	87.31	V	--	--	Peak	1	180	Fundamental of Low Channel
								@ 3 meters
2334.8	34.88	V	54	-19.12	Peak	1	180	**No** Marker Delta Method
								Method Used
2441	84.41	V	--	--	Peak	2.43	180	Fundamental of Middle Channel
								@ 3 meters
2480	83.53	V	--	--	Peak	2.23	135	Fundamental of High Channel
								@ 3 meters
2480	31.15	V	54	-22.85	Peak	2.23	135	**No** Marker Delta Method
								Method Used

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Configuration: In the MF2t-L Printer

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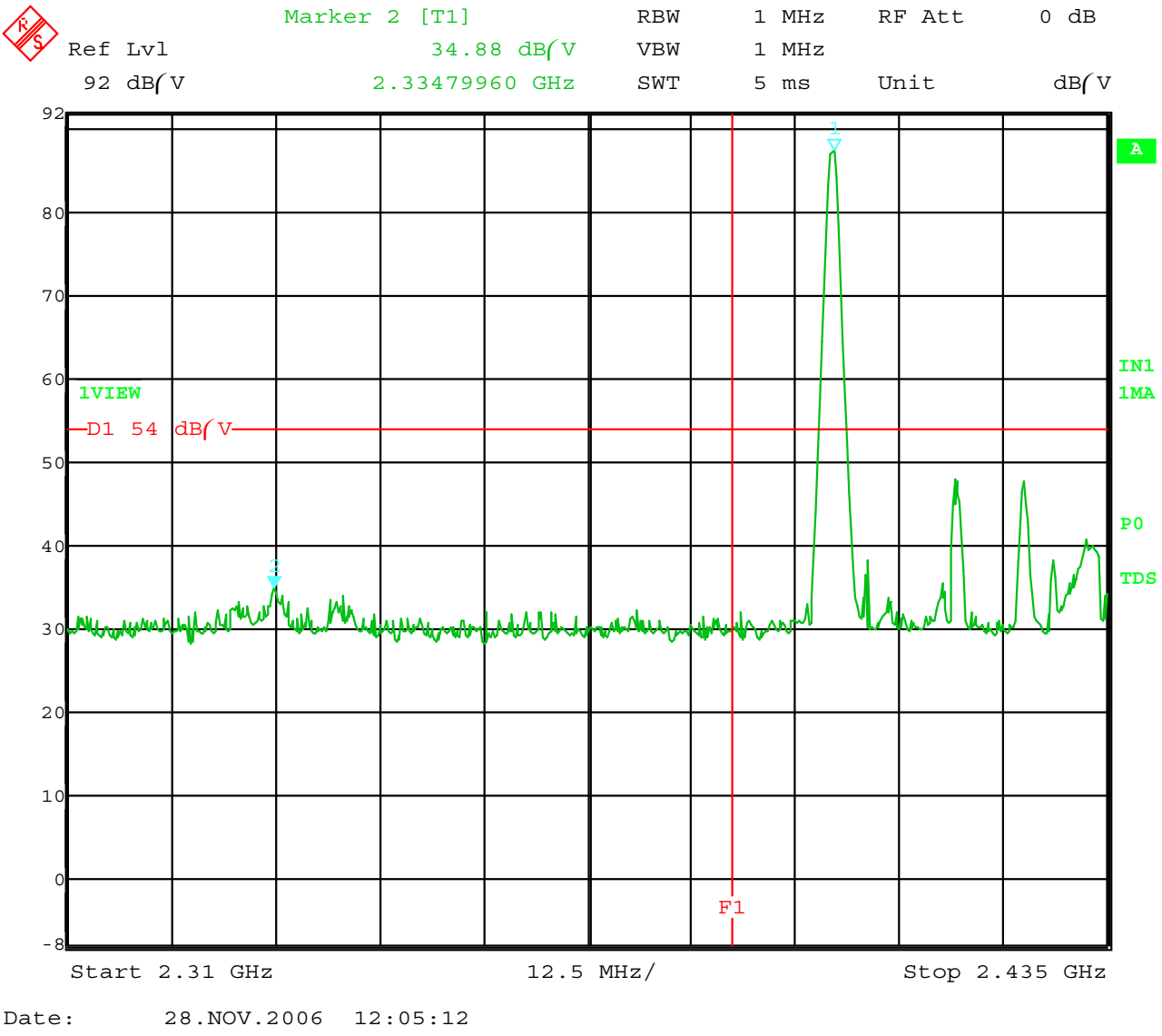
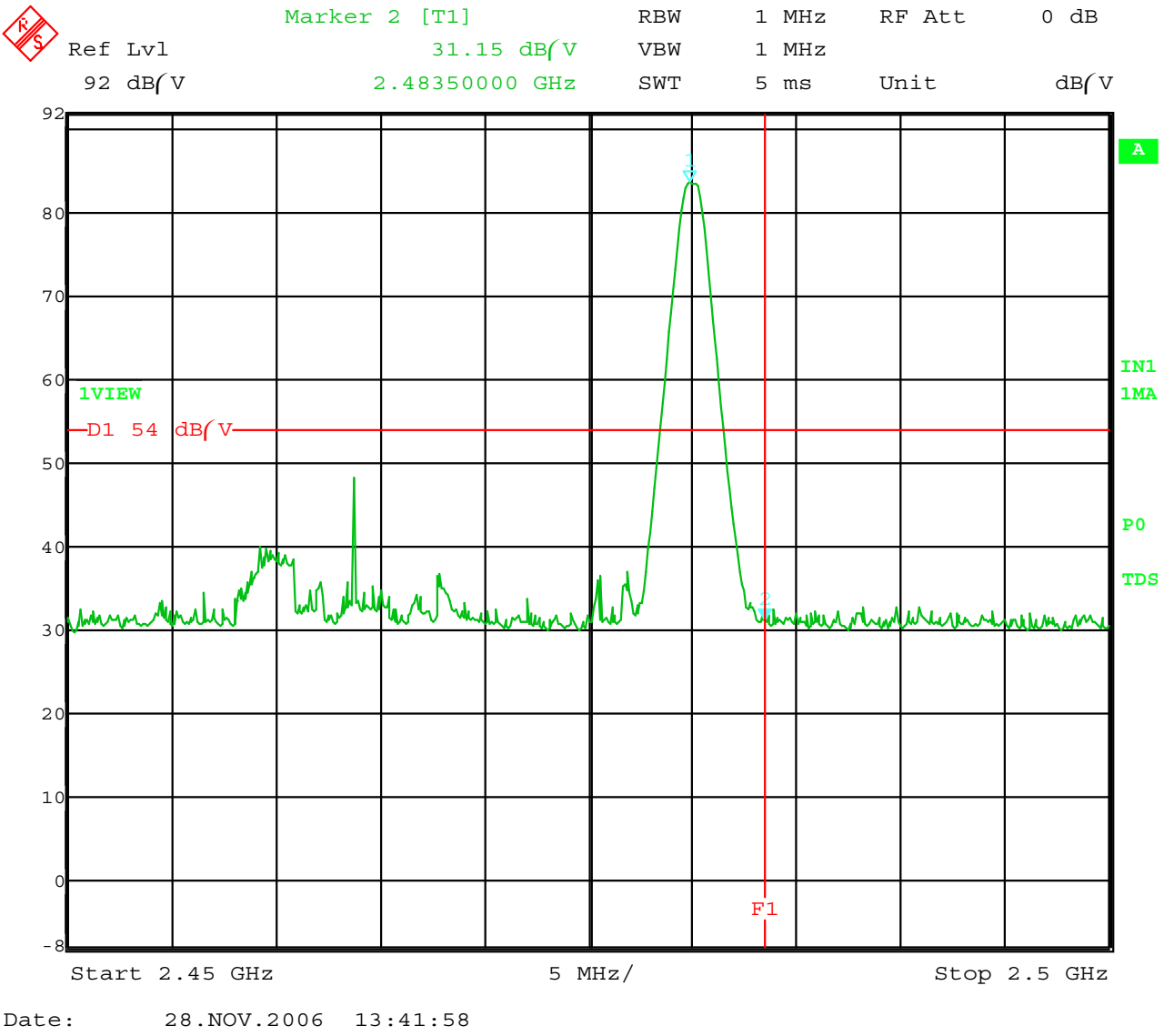
Low Channel - 2402 MHz
Middle Channel - 2441 MHz
High Channel - 2480 MHz

Belt Axis (Worst Case)

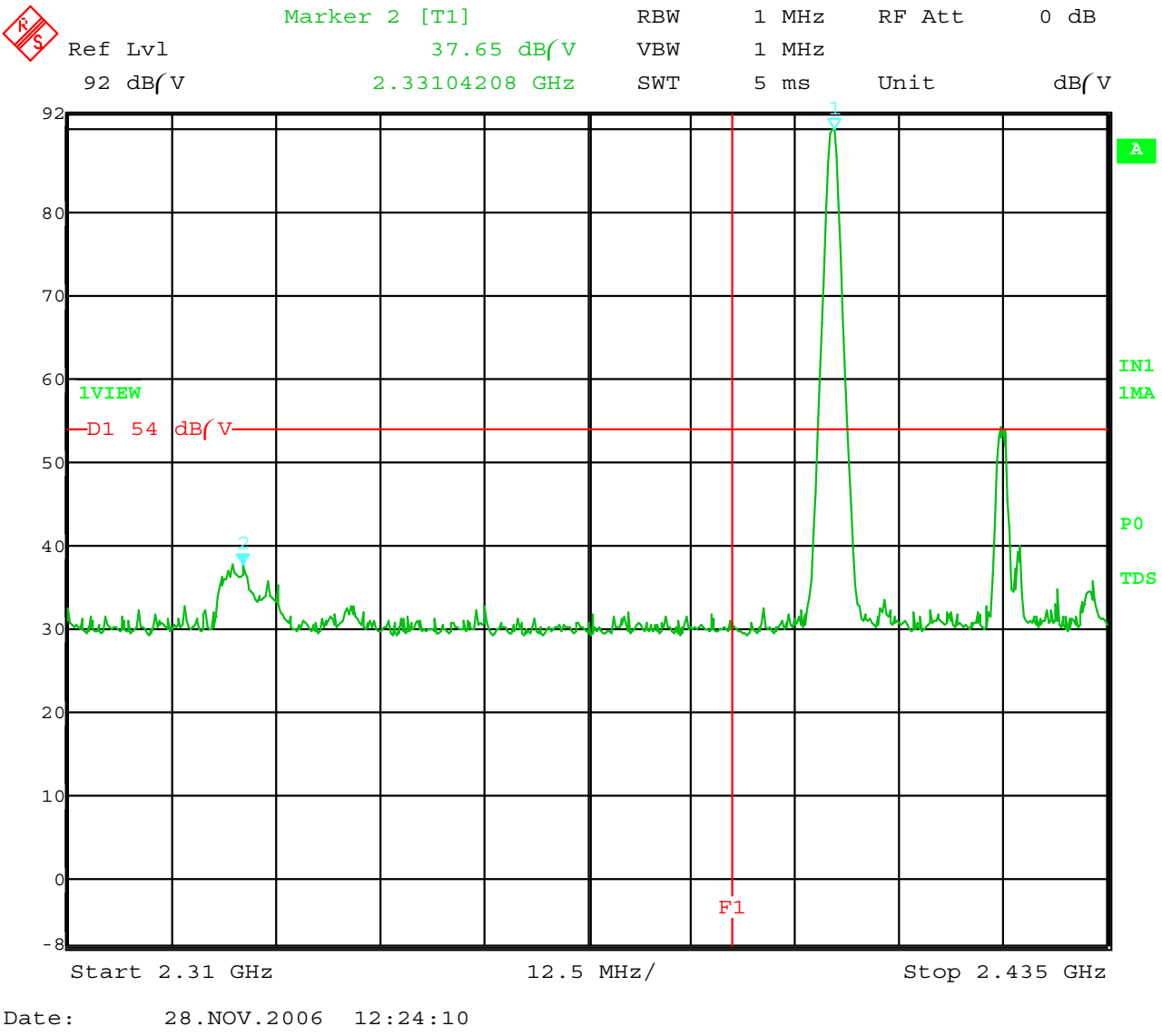
Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
2402	89.89	H	--	--	Peak	2.02	135	Fundamental of Low Channel
								@ 3 meters
2331.04	37.65	H	54	-16.35	Peak	2.02	135	**No** Marker Delta Method
								Method Used
2441	91.31	H	--	--	Peak	2.78	135	Fundamental of Middle Channel
								@ 3 meters
2480	89.21	H	--	--	Peak	1.25	135	Fundamental of High Channel
								@ 3 meters
2483.5	31.67	H	54	-22.33	Peak	1.25	135	**No** Marker Delta Method
								Method Used



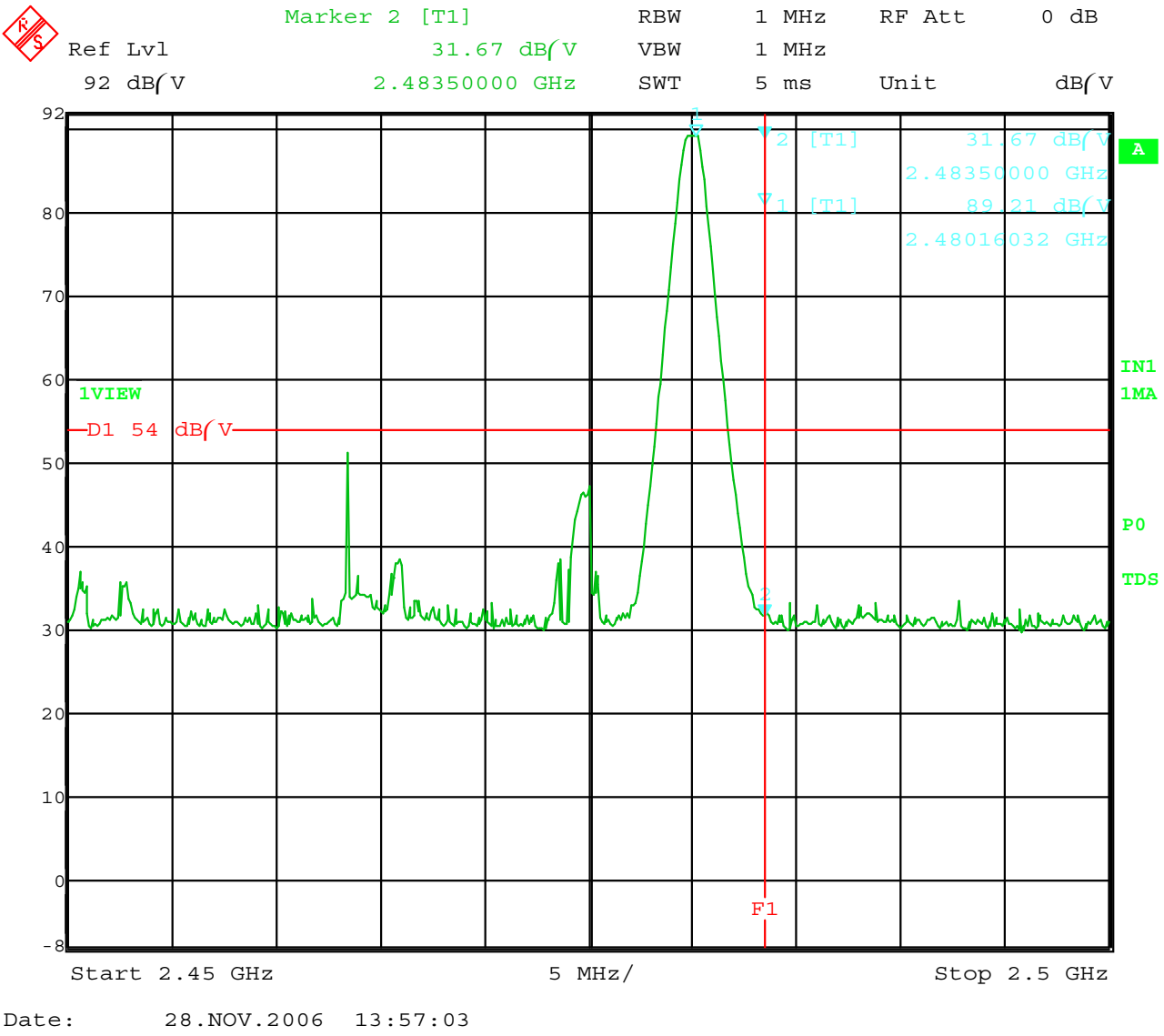
Band Edge – Low Channel – Vertical Polarization – in the MF2t-L Printer – Desktop Axis (Worst Case)



Band Edge – High Channel – Vertical Polarization – in the MF2t-L Printer – Desktop Axis (Worst Case)



Band Edge – Low Channel – Horizontal Polarization – in the MF2t-L Printer – Belt Axis (Worst Case)



Band Edge – High Channel – Horizontal Polarization – in the MF2t-L Printer – Belt Axis (Worst Case)

FCC 15.247
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P
Configuration: In the MF4t-L Printer

Date: 11/28/06
Lab: B
Tested By: Kyle Fujmoto

Low Channel - 2402 MHz
Middle Channel - 2441 MHz
High Channel - 2480 MHz

Desktop Axis (Worst Case)

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
2402	86.06	V	--	--	Peak	2.51	225	Fundamental of Low Channel
								@ 3 meters
2334.54	34.02	V	54	-19.98	Peak	2.51	225	**No** Marker Delta Method
								Method Used
2441	86.02	V	--	--	Peak	1.65	225	Fundamental of Middle Channel
								@ 3 meters
2480	83.63	V	--	--	Peak	2.02	225	Fundamental of High Channel
								@ 3 meters
2483.5	33.07	V	54	-20.93	Peak	2.02	225	**No** Marker Delta Method
								Method Used

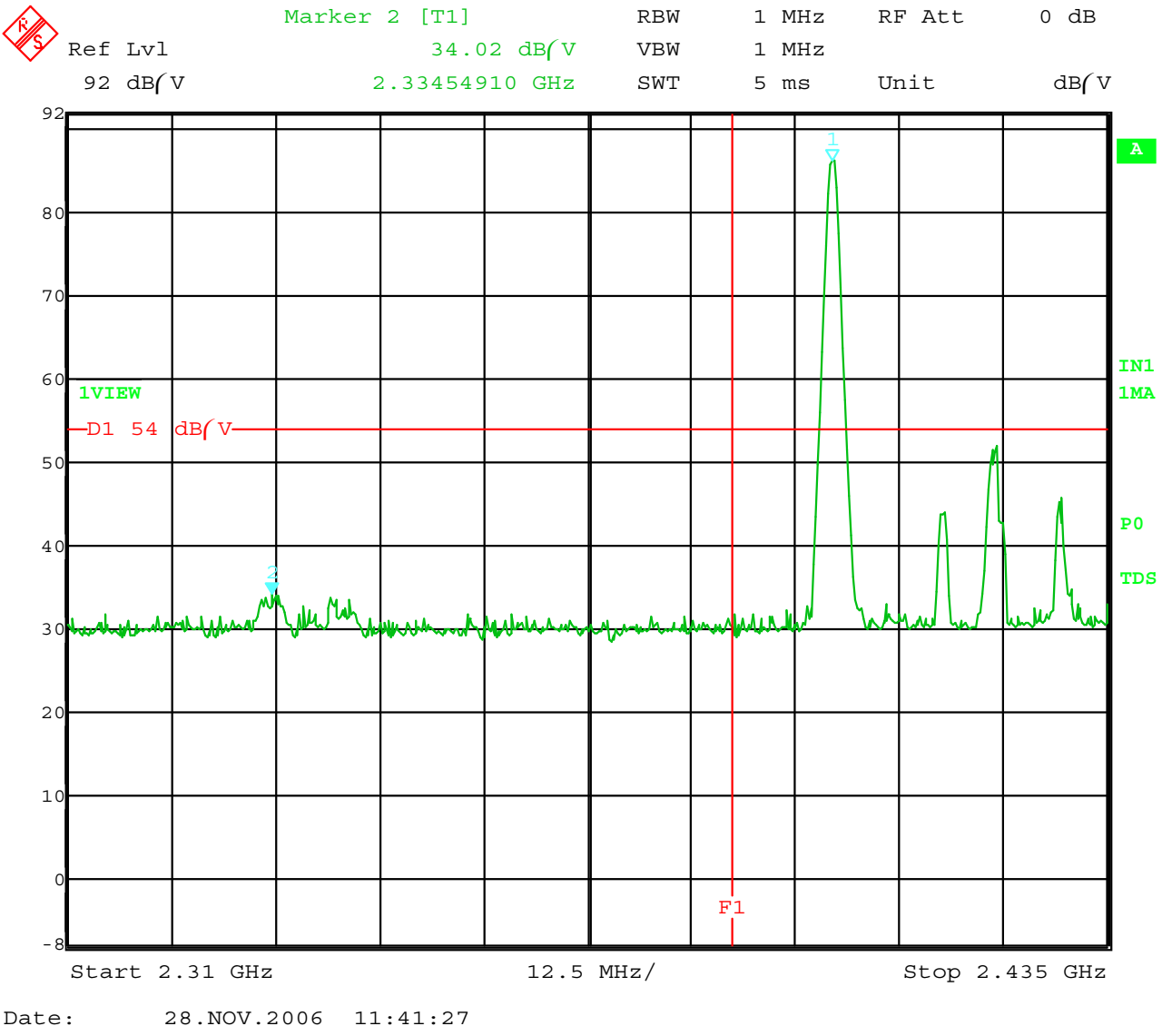
FCC 15.247
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P
Configuration: In the MF4t-L Printer

Date: 11/28/06
Lab: B
Tested By: Kyle Fujmoto

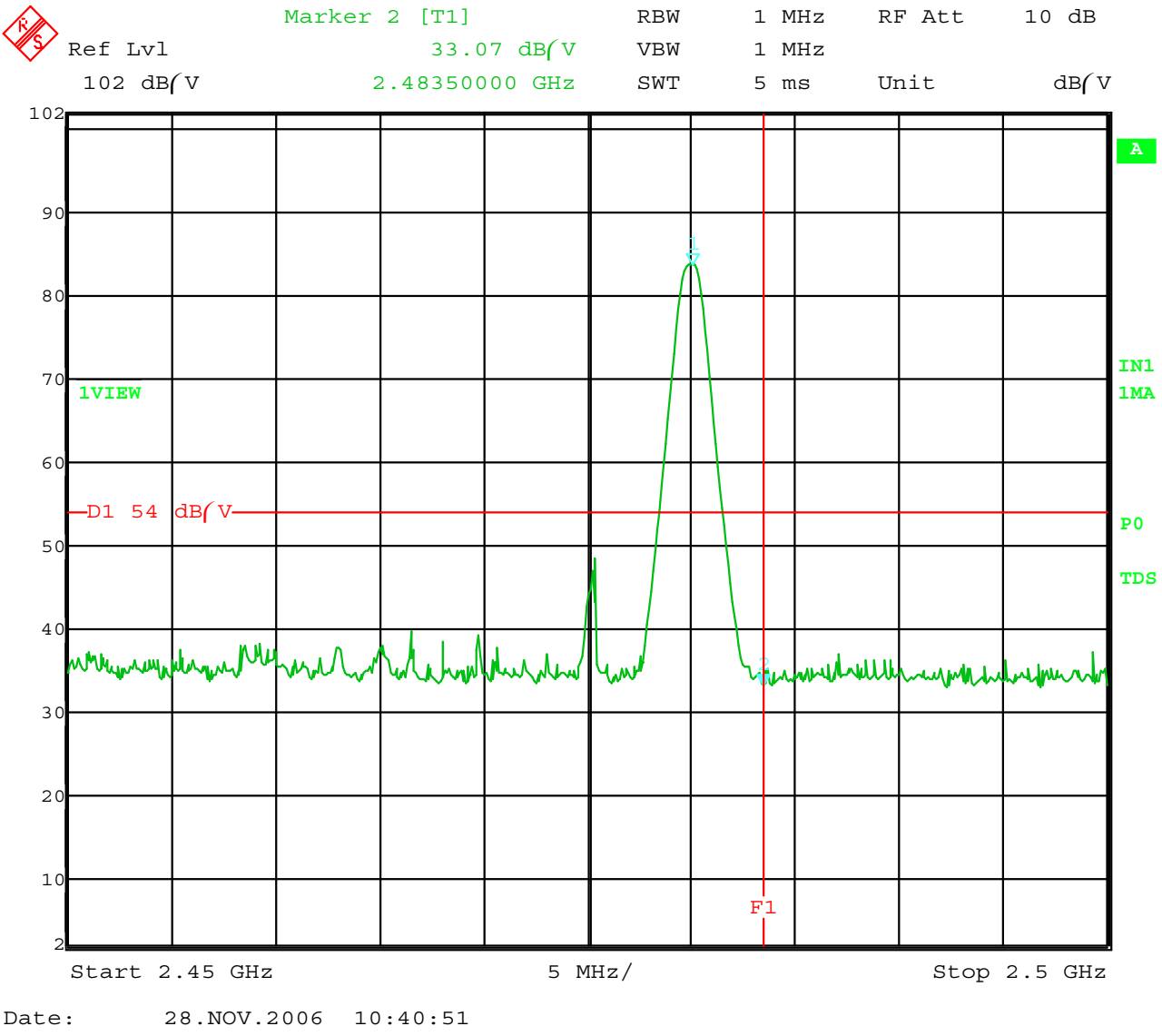
Low Channel - 2402 MHz
Middle Channel - 2441 MHz
High Channel - 2480 MHz

Belt Axis (Worst Case)

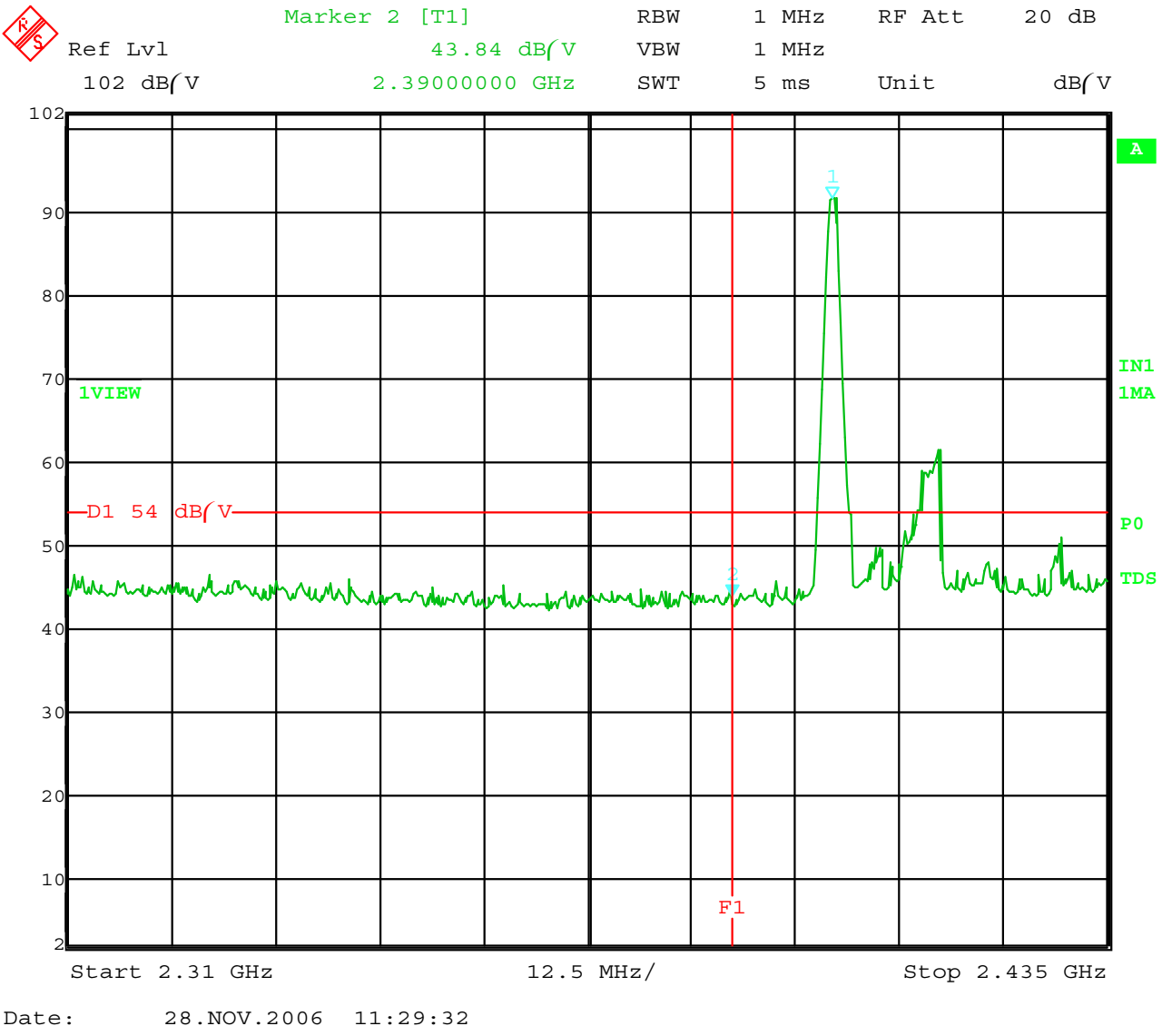
Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
2402	91.74	H	--	--	Peak	2.14	135	Fundamental of Low Channel
								@ 3 meters
2390	43.84	H	54	-10.16	Peak	2.14	135	**No** Marker Delta Method
								Method Used
2441	88.35	H	--	--	Peak	2.59	225	Fundamental of Middle Channel
								@ 3 meters
2480	87.68	H	--	--	Peak	1.23	315	Fundamental of High Channel
								@ 3 meters
2483.5	34.71	H	54	-19.29	Peak	1.23	315	**No** Marker Delta Method
								Method Used



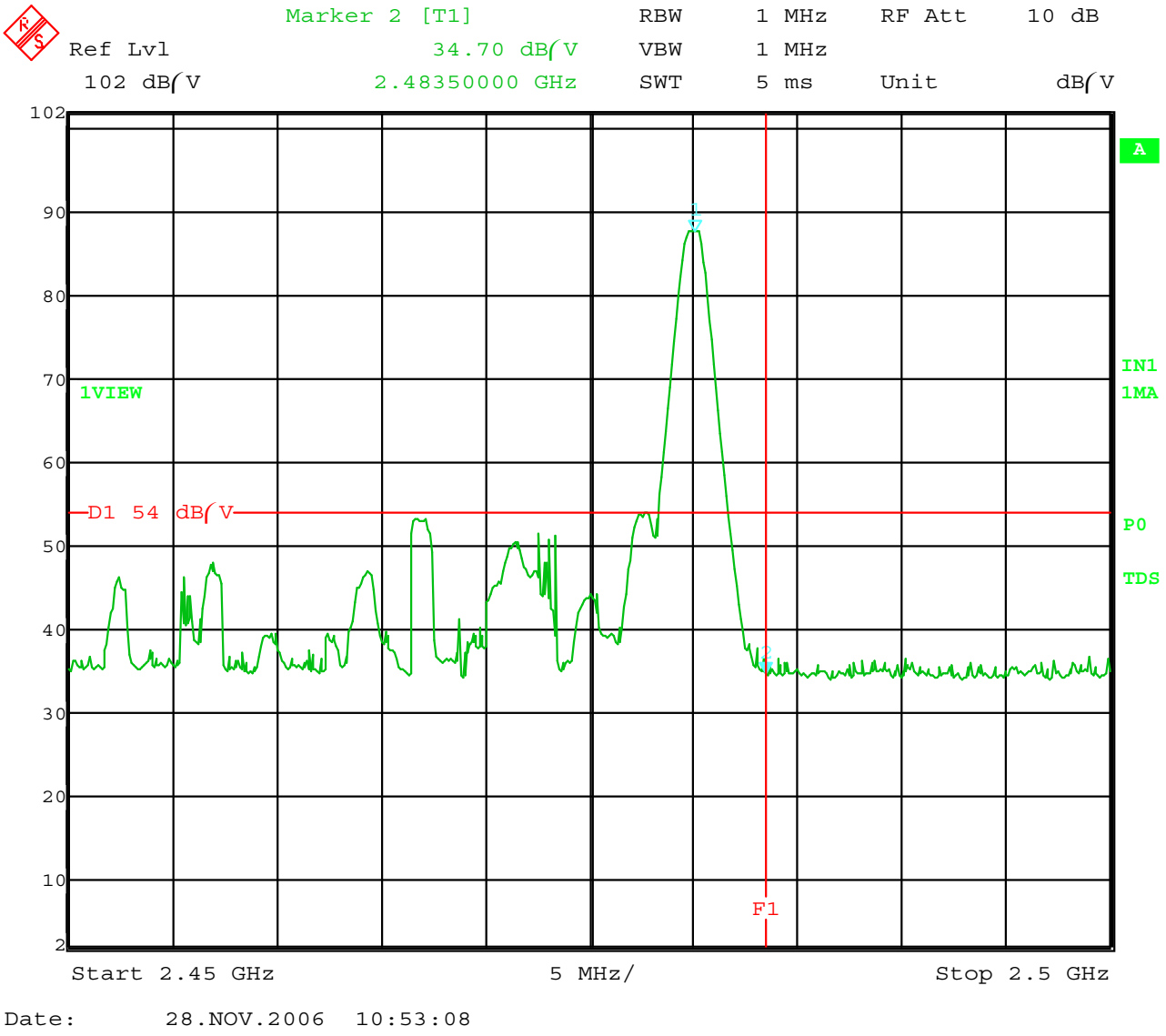
Band Edge – Low Channel – Vertical Polarization – in the MF4t-L Printer – Desktop Axis (Worst Case)



Band Edge – High Channel – Vertical Polarization – in the MF4t-L Printer – Desktop Axis (Worst Case)



Band Edge – Low Channel – Horizontal Polarization – in the MF4t-L Printer – Belt Axis (Worst Case)



Band Edge – High Channel – Horizontal Polarization – in the MF4t-L Printer – Belt Axis (Worst Case)

FCC 15.247
O'Neil Product Development
Radio Bluetooth Unicellular
Model: BT261159P
Configuration: In the OC2-L Printer

Date: 11/28/06
Lab: B
Tested By: Kyle Fujmoto

Low Channel - 2402 MHz
Middle Channel - 2441 MHz
High Channel - 2480 MHz

Belt Axis (Worst Case)

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
2402	96.61	V	--	--	Peak	1.78	45	Fundamental of Low Channel
								@ 3 meters
2343.81	39.51	V	54	-14.49	Peak	1.78	45	**No** Marker Delta Method
								Method Used
2441	91.92	V	--	--	Peak	1.49	225	Fundamental of Middle Channel
								@ 3 meters
2480	92.26	V	--	--	Peak	1.71	45	Fundamental of High Channel
								@ 3 meters
2483.5	36	V	54	-18	Peak	1.71	45	**No** Marker Delta Method
								Method Used

FCC 15.247
O'Neil Product Development
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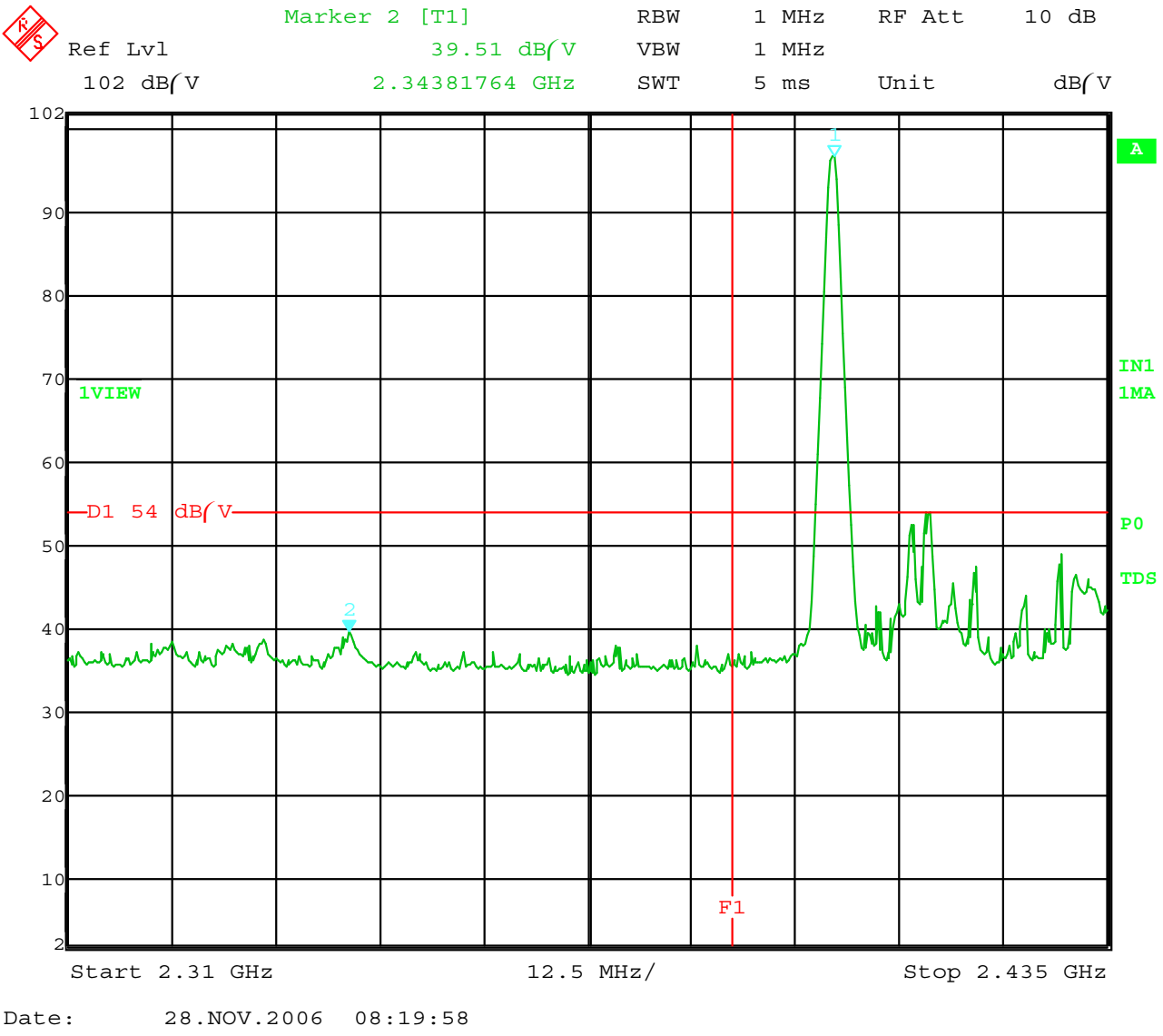
Model: BT261159P
Configuration: In the OC2-L Printer

Date: 11/28/06
Lab: B
Tested By: Kyle Fujmoto

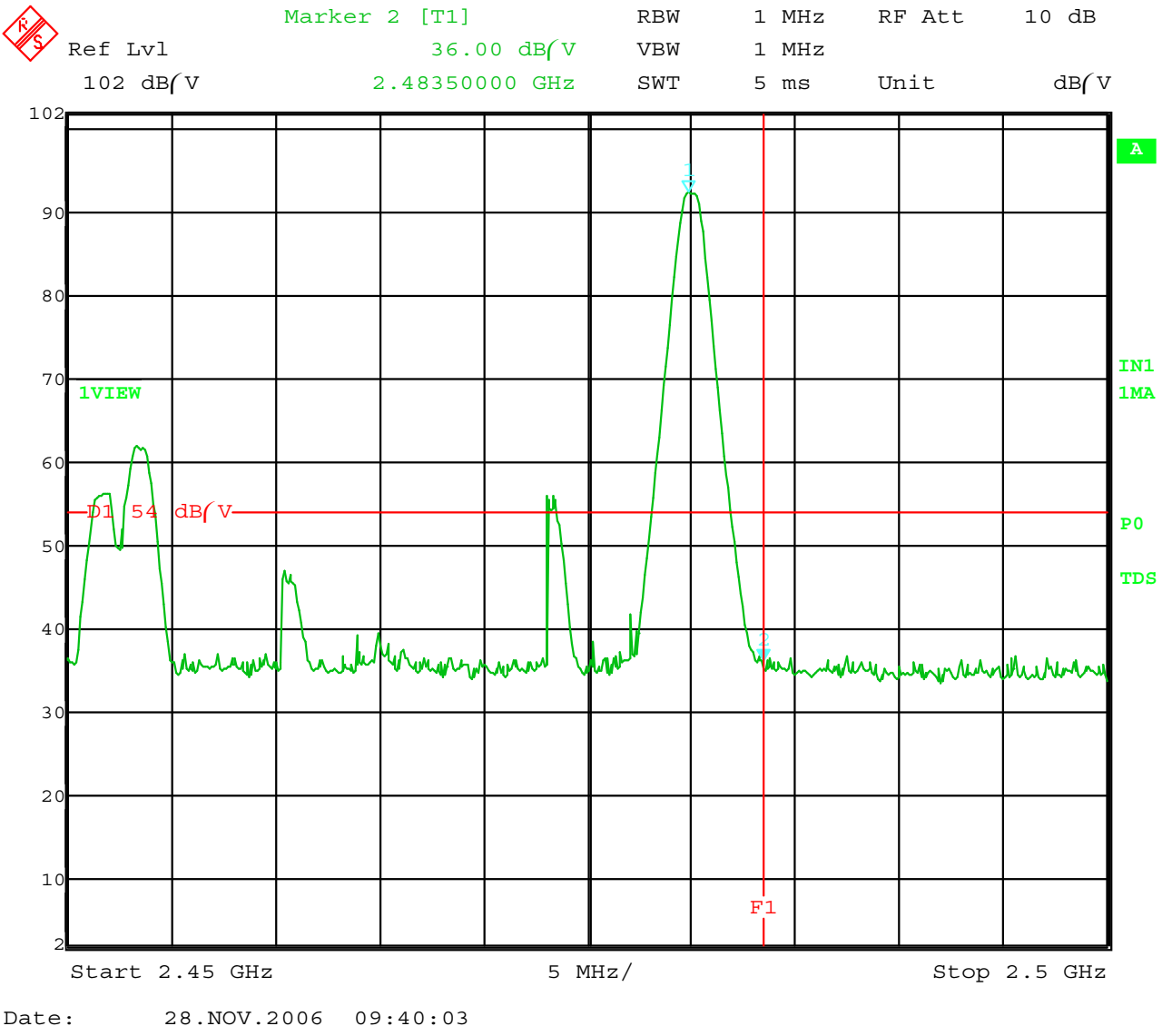
Low Channel - 2402 MHz
Middle Channel - 2441 MHz
High Channel - 2480 MHz

Charging Axis (Worst Case)

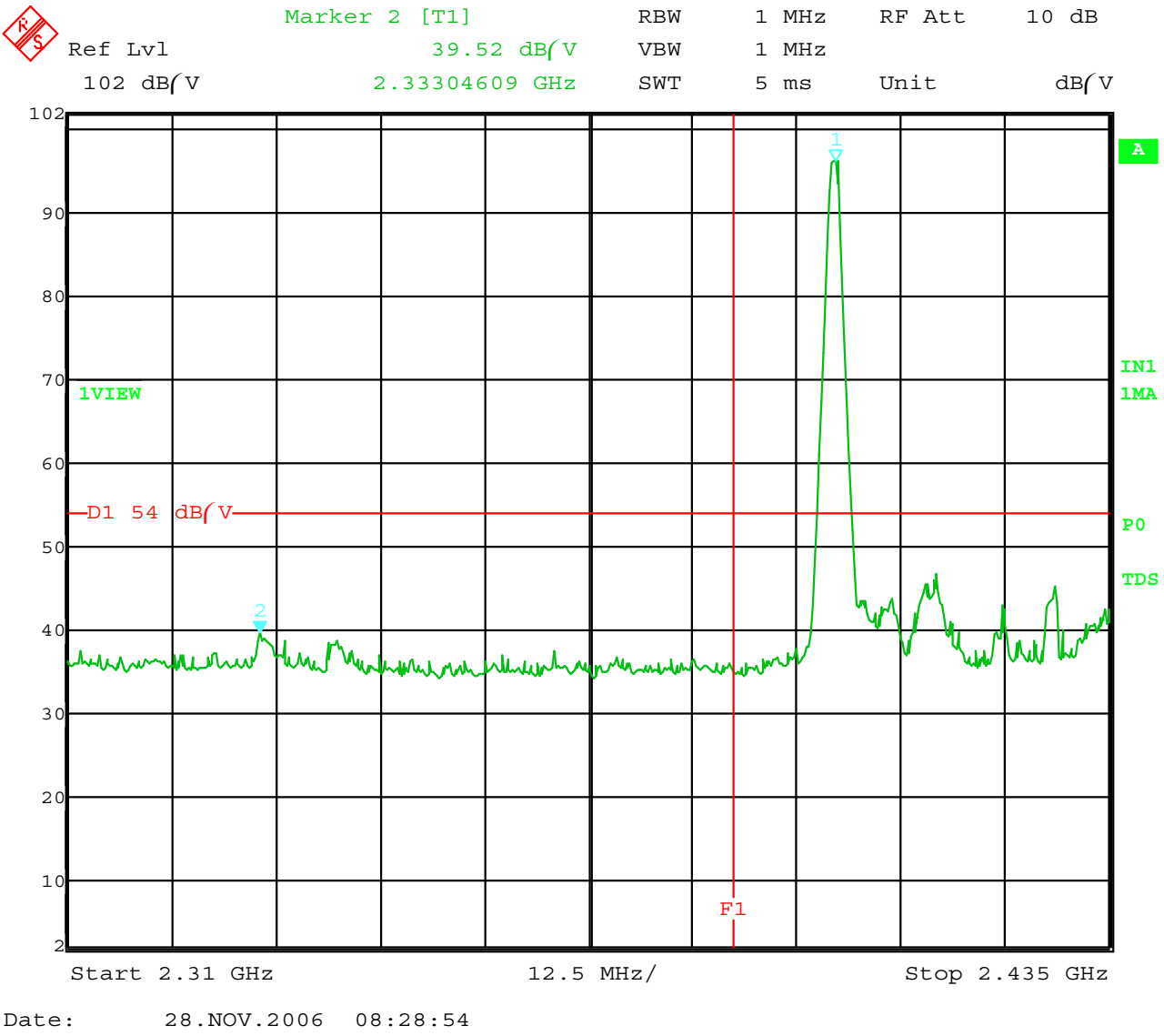
Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
2402	96.14	H	--	--	Peak	1.54	315	Fundamental of Low Channel
								@ 3 meters
2343.81	39.52	H	54	-14.48	Peak	1.54	315	**No** Marker Delta Method
								Method Used
2441	95.01	H	--	--	Peak	2.21	315	Fundamental of Middle Channel
								@ 3 meters
2480	92.45	H	--	--	Peak	2.12	315	Fundamental of High Channel
								@ 3 meters
2483.5	35.22	H	54	-18.78	Peak	2.12	315	**No** Marker Delta Method
								Method Used



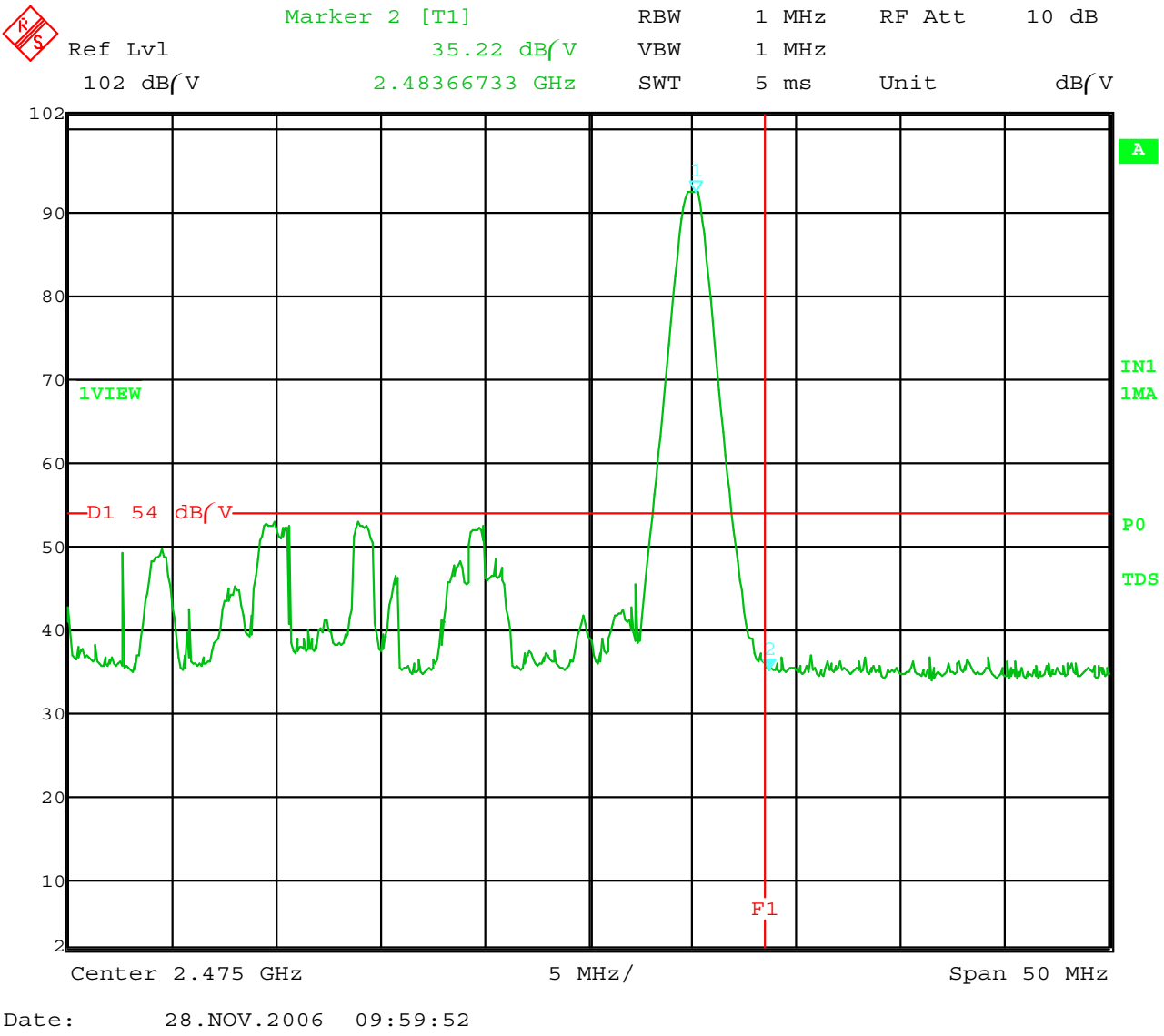
Band Edge – Low Channel – Vertical Polarization – in the OC2-L Printer – Belt Axis (Worst Case)



Band Edge – High Channel – Vertical Polarization – in the OC2-L Printer – Belt Axis (Worst Case)



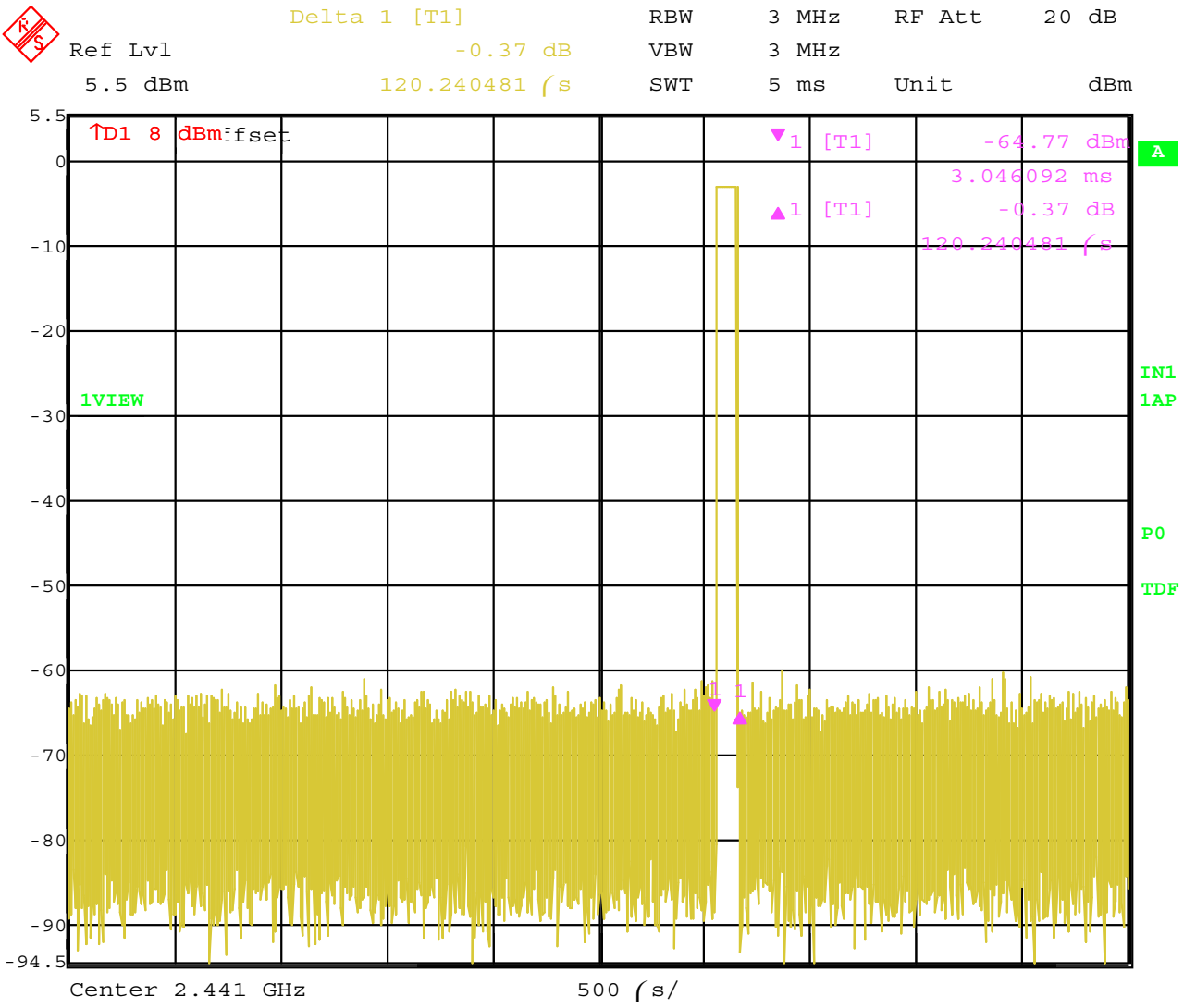
Band Edge – Low Channel – Horizontal Polarization – in the OC2-L Printer – Charging Axis (Worst Case)



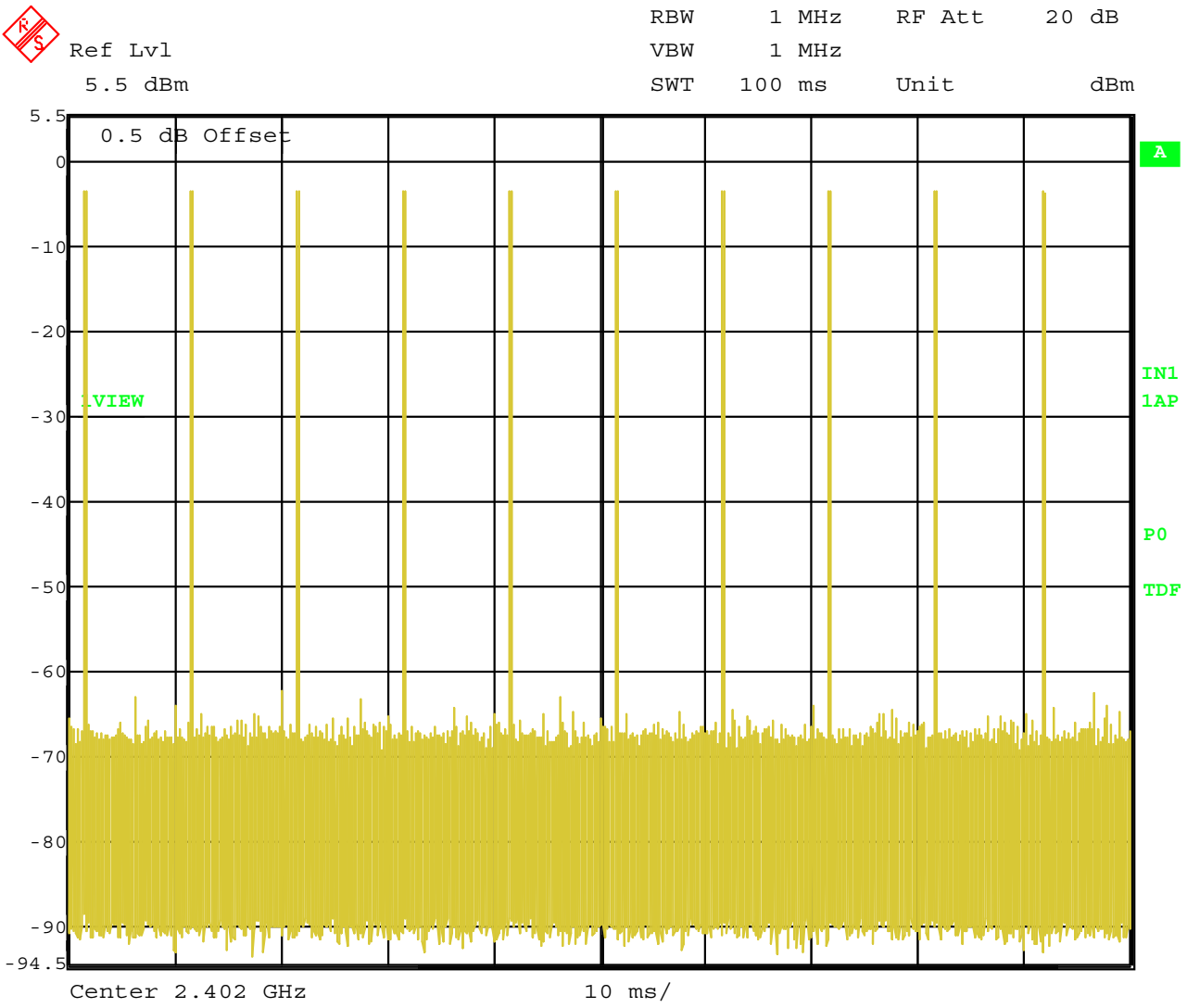
Band Edge – High Channel – Horizontal Polarization – in the OC2-L Printer – Charging Axis (Worst Case)

DUTY CYCLE INFORMATION

DATA SHEETS



Time of 1 Pulse = 120.240481 uS



Number of Pulses in 100 mS = 10
Duty Cycle = 120.240481 uS *10 = 1.2024048 mS per 100 mS = 1.202 %
The Maximum of 20 dB Peak to Average can be taken since the Duty Cycle is less than 10%