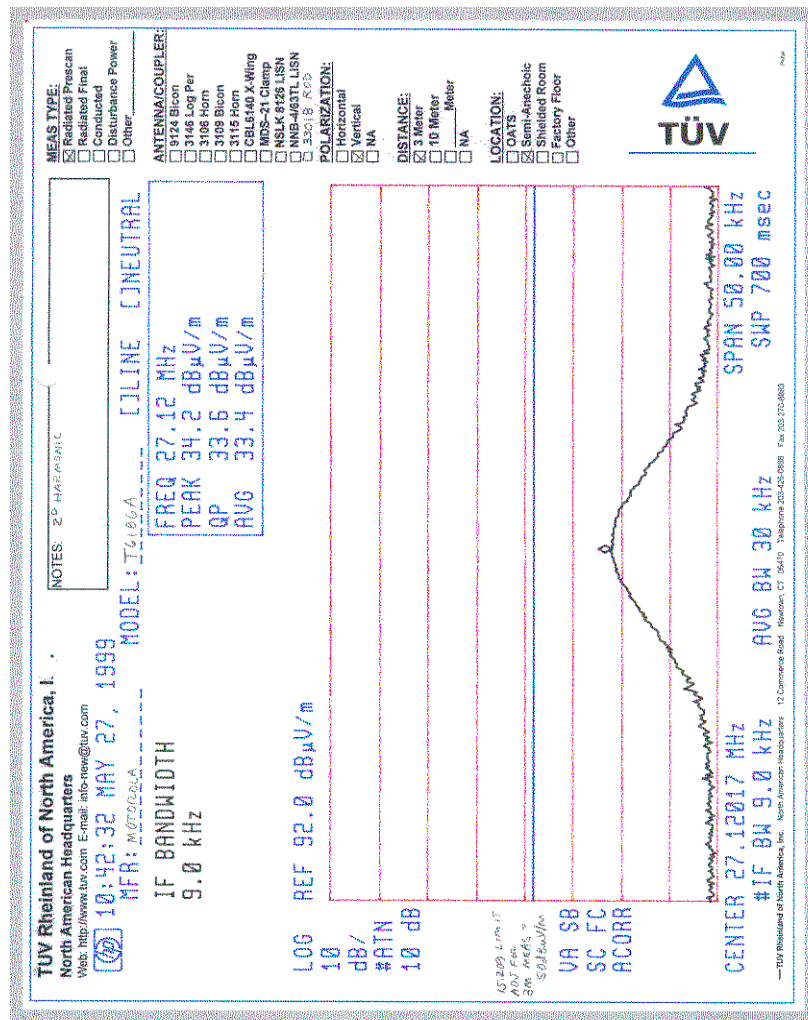


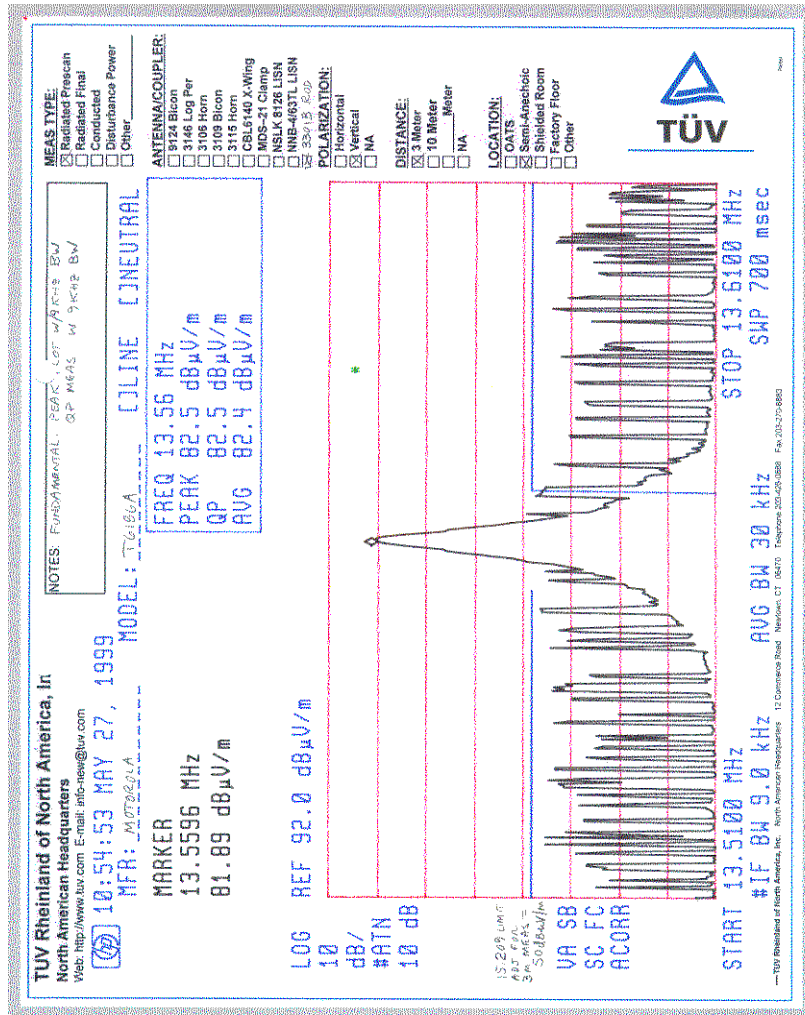
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7.5 SAR 27.120 MHz (Plot)



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7.6 SAR 13.56 MHz 9 kHz BW (Plot)



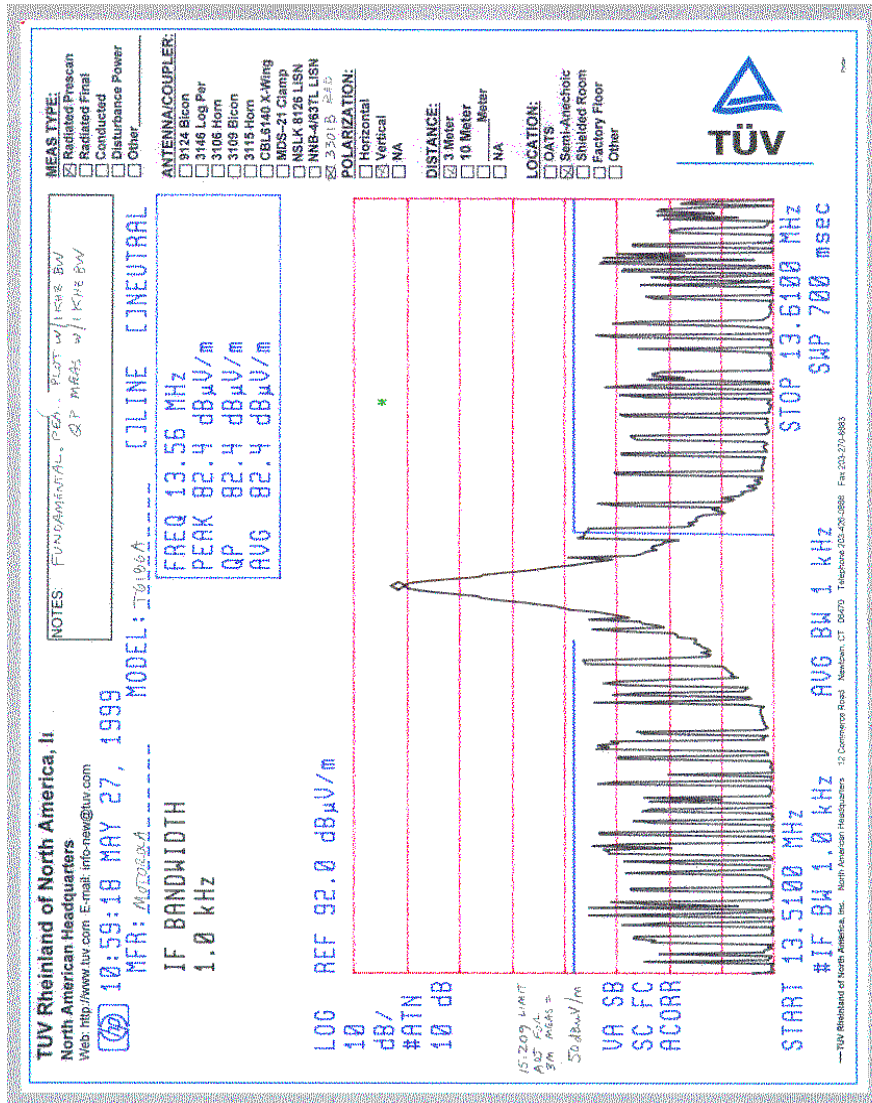
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FCCID: ABZ89FT7601 Page 18 of 26

7.7 SAR 13.56 MHz 1 kHz BW (Plot)



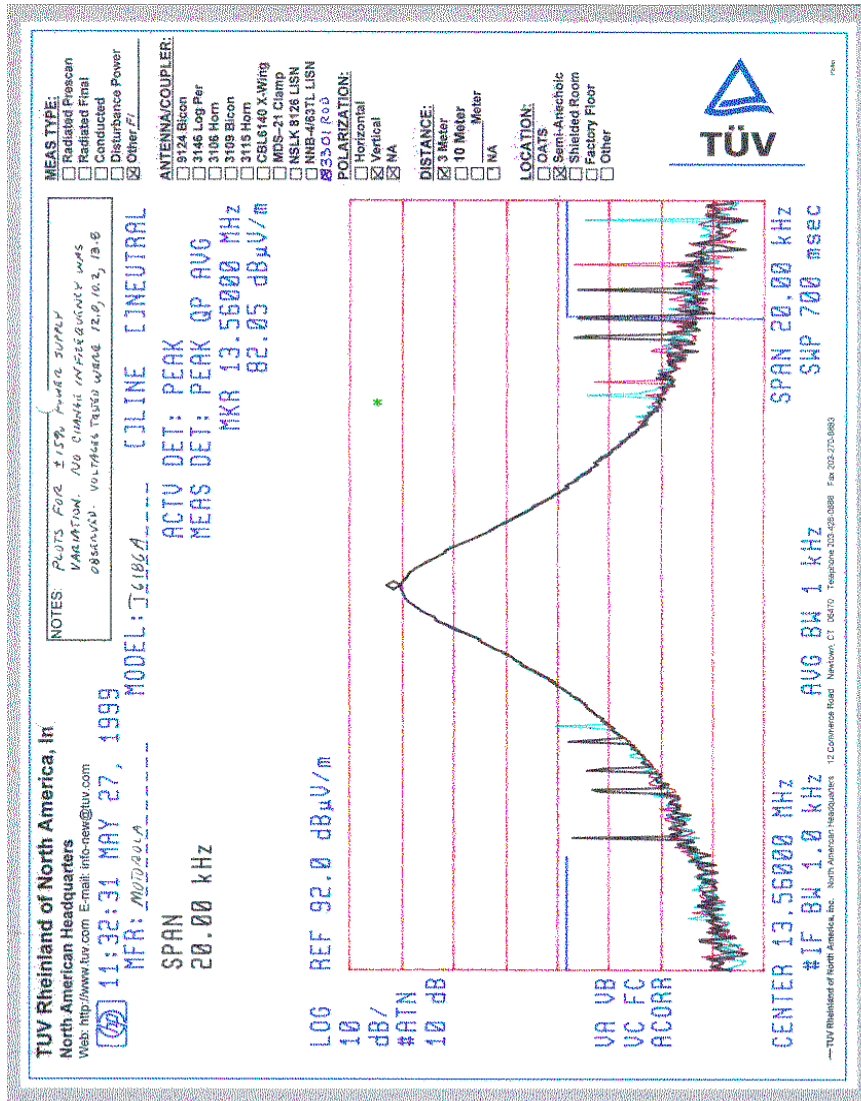
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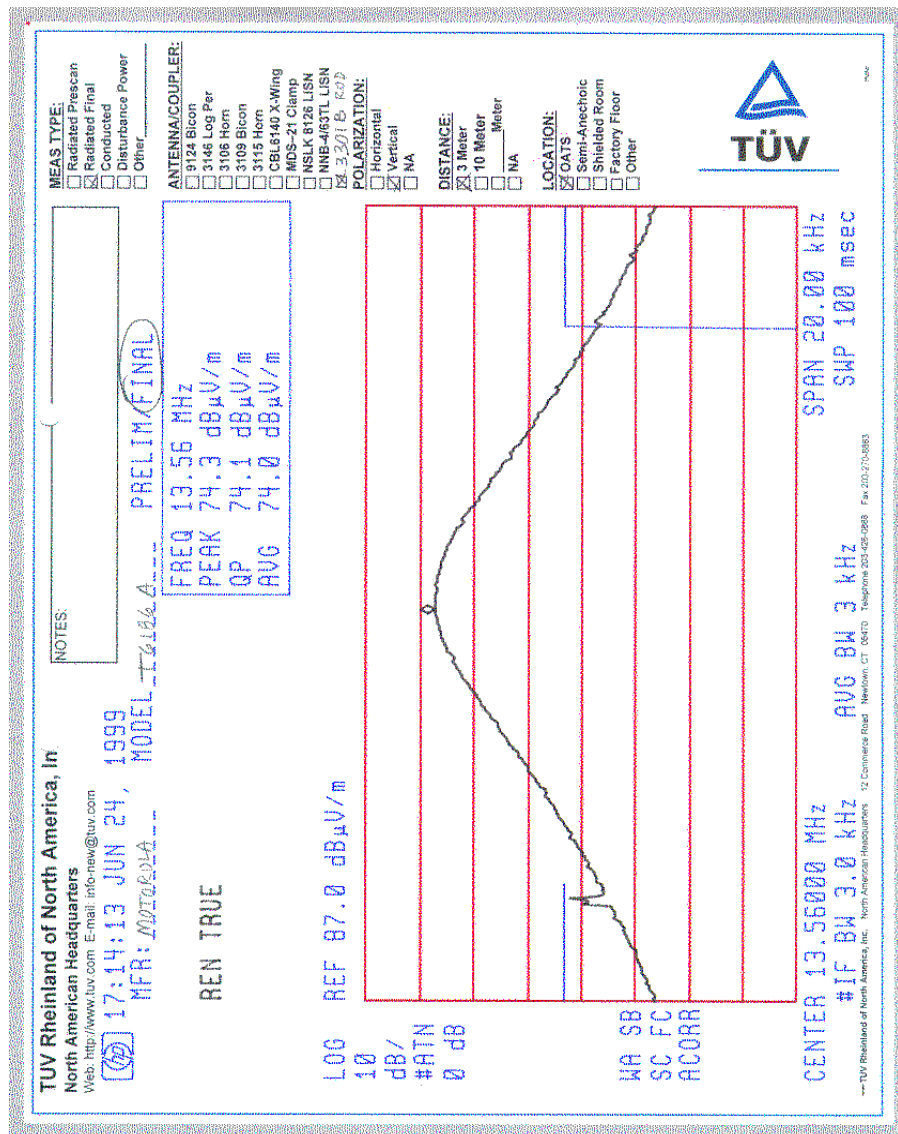
FCCID: ABZ89FT7601 Page 19 of 26

7.8 SAR 13.56 MHz Frequency vs. Supply Voltage (Plot)



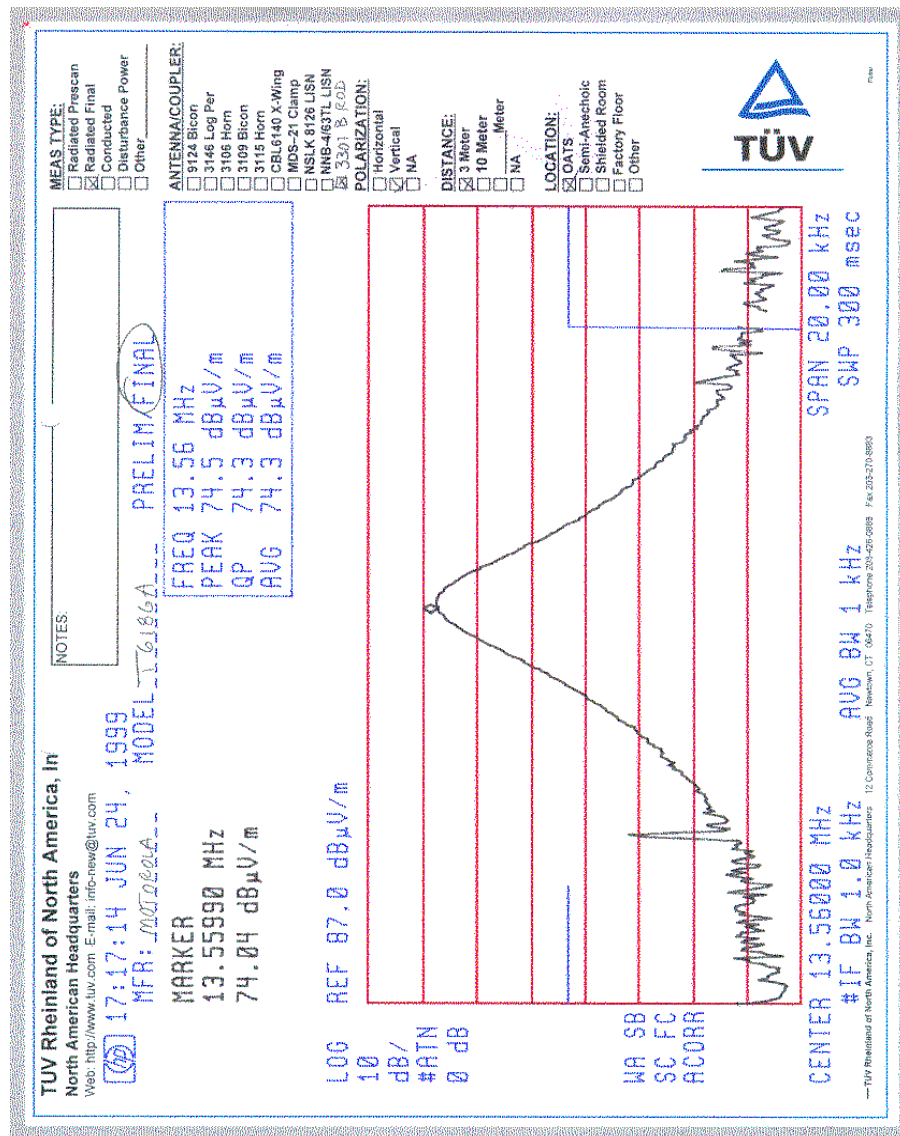
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7.9 OATS 13.56 MHz 3 kHz BW (Plot)



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7.10 OATS 13.56 MHz 1 kHz BW (Plot)



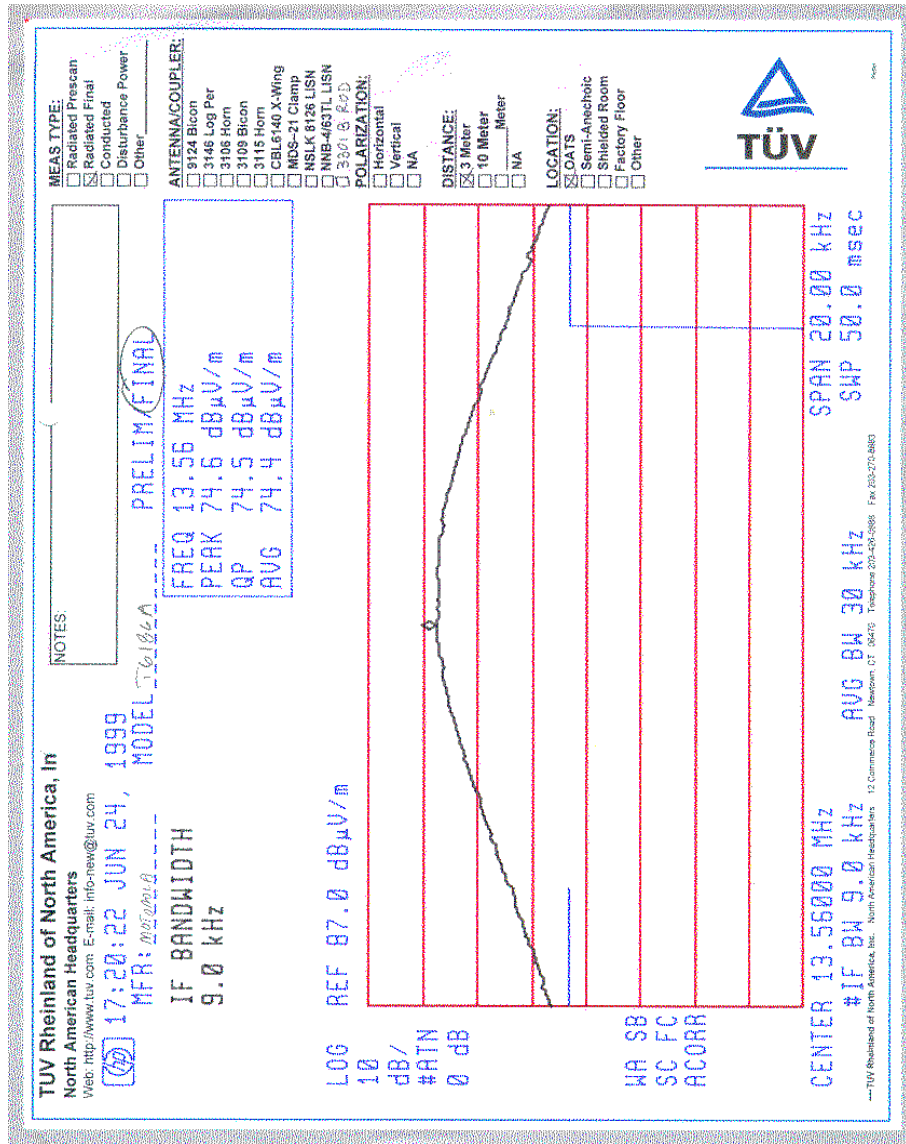
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TUV Rheinland File # P66211

FCCID: ABZ89FT7601 Page 22 of 26

7.11 OATS 13.56 MHz 9 kHz BW (Plot)



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TUV Rheinland File # P66211

FCCID: ABZ89FT7601 Page 23 of 26

7.12 SAR Radiated Emissions (Table)

Radiated Emissions Measurements Standard: 47 CFR 15.109, Class B (1995)				PRESCAN or FINAL:		Prescan				
Device Tested:		Motorola T6186A		Distance:	3 m		Date/Time:	5/26/99 16:00		
							File:	99052601.xls		

7.13 OATS Radiated Emissions (Table)

Radiated Emissions Measurements						PRESCAN or FINAL:							
Standard: 47 CFR 15.109, Class B (1995)						Distance: 3 Meter				Date/Time:	5/28/99 13:35		
Device Tested: Motorola TG186A										File:	99052801.xls		
Meas #	Freq (MHz)	Peak	Quasi- Peak	Average	Quasi- Peak Limit	Quasi- Peak Δ	Antenna + Cable Correction Factor (included in measured levels)	Result	Polarization	Antenna Height	Angle	Comment	
Measured Level													
1	33.8376	37.79	27.77	13.72	40.00	-12.23	12.97	Complied	V	333	164		
2	35.2159	37.30	26.11	11.20	40.00	-13.89	12.77	Complied	H	278	402		
3	36.3110	33.97	17.09	13.54	40.00	-22.91	12.63	Complied	V	142	141		
4	40.6864	33.95	20.89	7.48	40.00	-19.11	12.15	Complied	V	249	184		
5	40.6768	35.72	31.23	29.79	40.00	-8.77	12.15	Complied	H	289	314		
6	73.7256	39.48	28.95	6.06	40.00	-11.05	10.57	Complied	V	378	331		
7	94.9211	31.12	26.15	25.33	43.50	-17.35	11.26	Complied	V	121	278		
8	110.5871	29.23	20.16	14.92	43.50	-23.34	12.10	Complied	V	110	190		
9	122.0283	26.05	16.83	2.12	43.50	-26.67	12.57	Complied	V	114	110		
10	122.0369	32.79	20.86	1.77	43.50	-22.84	12.57	Complied	H	402	287		
11	149.1530	20.04	10.98	3.06	43.50	-32.52	14.11	Complied	V	123	174		
12	221.1745	20.52	14.57	7.65	46.00	-31.43	17.96	Complied	V	122	258		
13	338.9948	19.41	12.90	6.23	46.00	-33.10	17.36	Complied	H	209	271		
14	339.0000	19.93	12.79	6.14	46.00	-33.21	17.36	Complied	V	279	271		
15	393.2363	21.81	15.06	8.36	46.00	-30.94	18.91	Complied	H	260	153		
16	433.9118	20.48	15.53	8.74	46.00	-30.47	19.90	Complied	H	170	175		
17	433.9256	20.99	15.52	8.88	46.00	-30.48	19.90	Complied	V	252	249		
18	515.2778	22.47	16.79	10.13	46.00	-29.21	22.10	Complied	V	405	310		
19	515.2796	22.73	16.83	10.16	46.00	-29.17	22.10	Complied	H	401	211		
20	718.6763	27.81	21.91	15.31	46.00	-24.09	26.21	Complied	H	300	232		
21	935.6505	31.75	25.93	19.55	46.00	-20.07	29.30	Complied	H	230	211		
Tested by: D. Panchal													
FIM, Rheinland of North America, Inc., 12 Commerce Blvd, Neutoma, CT 06470 Tel:(203) 270 1151 Fax: (203) 270 9592													

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TUV Rheinland File # P66211

FCCID: ABZ89FT7601 Page 25 of 26

7.14 Frequency vs. Temperature (Table)

Motorola T6186A Frequency vs. Temperature									
Temperature °C	Time	Frequency (MHz)	Δ freq meas (MHz)	Δ freq spec (MHz)	% Δ Meas	% Δ Spec	Result		
20	10:38	13.560000	0.000000	0.001356	0%	0.01%	Pass		
20	10:39	13.560005	-0.000005	0.001356	-0.000037%	0.01%	Pass		
20	10:40	13.560007	-0.000007	0.001356	-0.000052%	0.01%	Pass		
20	10:41	13.560008	-0.000008	0.001356	-0.000059%	0.01%	Pass		
20	10:42	13.560009	-0.000009	0.001356	-0.000066%	0.01%	Pass		
20	10:43	13.560009	-0.000009	0.001356	-0.000066%	0.01%	Pass		
20	10:44	13.560009	-0.000009	0.001356	-0.000066%	0.01%	Pass		
20	10:45	13.560010	-0.000010	0.001356	-0.000074%	0.01%	Pass		
20	10:46	13.560011	-0.000011	0.001356	-0.000081%	0.01%	Pass		
20	10:47	13.560010	-0.000010	0.001356	-0.000074%	0.01%	Pass		
-20	11:18	13.559991	0.000009	0.001356	0.000066%	0.01%	Pass		
-10	11:55	13.560009	-0.000009	0.001356	-0.000066%	0.01%	Pass		
0	12:28	13.560018	-0.000018	0.001356	-0.000133%	0.01%	Pass		
10	13:37	13.560017	-0.000017	0.001356	-0.000125%	0.01%	Pass		
20	14:35	13.560007	-0.000007	0.001356	-0.000052%	0.01%	Pass		
30	16:05	13.559989	0.000011	0.001356	0.000081%	0.01%	Pass		
40	16:40	13.559979	0.000021	0.001356	0.000155%	0.01%	Pass		
50	17:05	13.559977	0.000023	0.001356	0.000170%	0.01%	Pass		

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TUV Rheinland File # P66211

FCCID: ABZ89FT7601 Page 26 of 26

7.15 Frequency vs. Supply Voltage (Table)

Motorola T6186A Frequency vs. Supply Voltage Test Results									
Nom Voltage	12		Nominal Frequency		13.56				
	Voltage actual	Frequency (MHz)	Frequency (MHz)	Δ freq meas (MHz)	Δ freq spec (MHz)	% Δ Meas	% Δ Spec	Result	
100	12	13.56000		0.00000	0.001356	0.000000%	0.01%	Pass	
85	10.2	13.56000		0.00000	0.001356	0.000000%	0.01%	Pass	
90	10.8	13.56000		0.00000	0.001356	0.000000%	0.01%	Pass	
95	11.4	13.56000		0.00000	0.001356	0.000000%	0.01%	Pass	
100	12	13.56000		0.00000	0.001356	0.000000%	0.01%	Pass	
105	12.6	13.56000		0.00000	0.001356	0.000000%	0.01%	Pass	
110	13.2	13.56000		0.00000	0.001356	0.000000%	0.01%	Pass	
115	13.8	13.56000		0.00000	0.001356	0.000000%	0.01%	Pass	