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**FCC PART 15.247 AND
IC RSS-210
TEST REPORT**

APPLICANT	UNIDEN AMERICA CORPORATION
	181 N. COUNTRY CLUB ROAD P.O. BOX 580
	LAKE CITY, SC 29560
FCC ID	AMWUP855
IC CERTIFICATION	513C-UP855
MODEL NUMBER	TRU9385
PRODUCT DESCRIPTION	5.8 GHZ DIGITAL CORDLESS TELEPHONE WITH CALLER ID
DATE SAMPLE RECEIVED	5/15/2007
DATE TESTED	5/30/2007
TESTED BY	Nam Nguyen
APPROVED BY	Mario de Aranzeta
TIMCO REPORT NO.	2053AUT7TestReport.doc
TEST RESULTS	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL

THE ATTACHED REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL WITHOUT THE
WRITTEN APPROVAL OF TIMCO ENGINEERING, INC.

TABLE OF CONTENTS

EMC EQUIPMENT LIST.....	3
TEST PROCEDURE.....	4
POWER LINE CONDUCTED INTERFERENCE.....	5
NUMBER OF HOPPING CHANNELS.....	7
DWELL TIME OF A HOPPING CHANNEL.....	11
ANTENNA GAIN.....	12
20DB BANDWIDTH.....	12
POWER OUTPUT.....	13
FIELD STRENGTH OF SPURIOUS EMISSIONS - HANDSET.....	14
FIELD STRENGTH OF SPURIOUS EMISSIONS - HANDSET (CONTINUED).....	15
FIELD STRENGTH OF SPURIOUS EMISSIONS - BASE.....	17
FIELD STRENGTH OF SPURIOUS EMISSIONS - BASE (CONTINUED).....	18
POWER SPECTRAL DENSITY.....	21

EMC EQUIPMENT LIST

Device	Manufacturer	Model	Serial Number	Cal/Char Date	Due Date
3/10-Meter OATS	TEI	N/A	N/A	Listed 3/20/07	3/19/10
3-Meter OATS	TEI	N/A	N/A	Listed 1/11/06	1/10/09
3-Meter Semi-Anechoic Chamber	Panashield	N/A	N/A	Listed 5/11/07	5/11/10
Antenna: Biconnical	Eaton	94455-1	1057	CAL 12/12/05	12/12/07
Antenna: Biconnical	Eaton	94455-1	1096	CAL 10/11/06	10/11/08
Antenna: Double-Ridged Horn	Electro-Metrics	RGA-180	2319	CAL 12/29/04	12/29/06
LISN	Electro-Metrics	ANS-25/2	2604	CAL 10/5/06	10/5/08
Antenna: Log-Periodic	Eaton	96005	1243	CAL 12/14/05	12/14/07
Analyzer: Tan Tower Spectrum Analyzer	HP	8566B Opt 462	3138A07786 3144A20661	CAL 12/7/05	12/7/07
Analyzer: Tan Tower RF Preselector	HP	85685A	3221A01400	CAL 12/8/05	12/8/07
Analyzer: Tan Tower Quasi-Peak Adapter	HP	85650A	3303A01690	CAL 12/8/05	12/8/07
Analyzer: Tan Tower Preamplifier	HP	8449B-H02	3008A00372	CAL 12/8/05	12/8/07

APPLICANT: UNIDEN AMERICA CORPORATION
 FCC ID: AMWUP855
 IC #: 513C-UP855
 REPORT #: W:\U\Uniden AMW\2053AUT7\2053AUT7TestReport.doc

TEST PROCEDURE

GENERAL: This report shall NOT be reproduced except in full without the written approval of TIMCO ENGINEERING, INC.

POWER LINE CONDUCTED INTERFERENCE: The procedure used was ANSI standard C63.4-2003 using a 50uH LISN. Both lines were observed with the UUT transmitting. The bandwidth of the spectrum analyzer was 10 kHz with an appropriate sweep speed. The ambient temperature of the UUT was 76°F with a humidity of 55%.

BANDWIDTH 20 dB: The measurements were made with the spectrum analyzer's resolution bandwidth (RBW) = 1 MHz and the video bandwidth (VBW) = 3 MHz and the span set as shown on plot.

POWER OUTPUT: The RF power output was measured using radiated emissions.

ANTENNA CONDUCTED EMISSIONS: The RBW = 100 kHz, VBW = 300 kHz and the span set to 10.0 MHz and the spectrum was scanned from 30 MHz to the 10th Harmonic of the fundamental. Above 1 GHz the resolution bandwidth was 1 MHz and the VBW = 3 MHz and the span to 50 MHz.

RADIATION INTERFERENCE: The test procedure used was ANSI standard C63.4-2003 using an Agilent spectrum receiver with pre-selector. The bandwidth (RBW) of the spectrum receiver was 100 kHz up to 1 GHz and 1 MHz above 1 GHz with an appropriate sweep speed. The VBW above 1 GHz was 3 MHz. The analyzer was calibrated in dB above a microvolt at the output of the antenna. The ambient temperature of the UUT was 76°F with a humidity of 55%.

POWER LINE CONDUCTED INTERFERENCE

RULES PART NO.: 15.207(a), RSS-GEN

REQUIREMENTS:		QUASI-PEAK	AVERAGE
	.15 - 0.5 MHz	66-56 dBuV	56-46 dBuV
	0.5 - 5.0	56	46
	5.0 - 30.	60	50

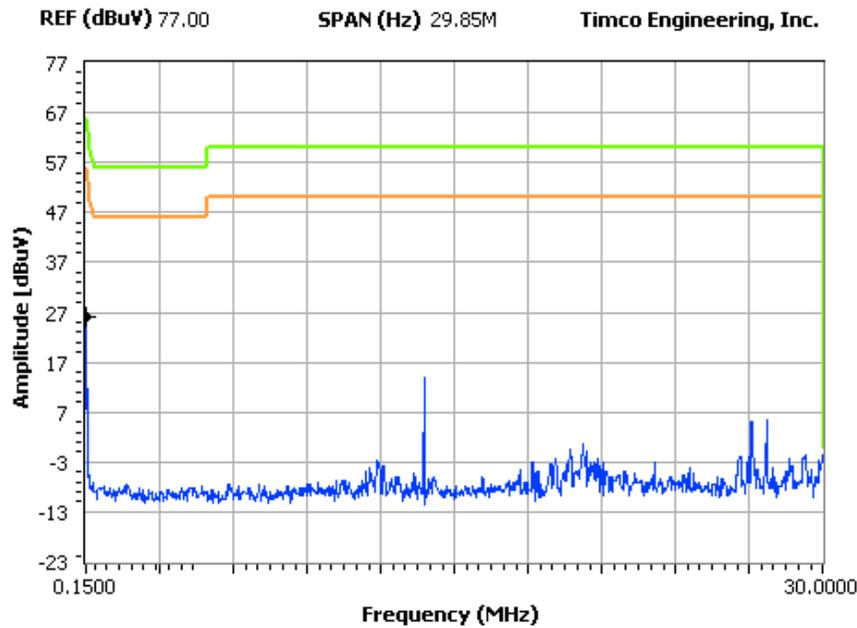
TEST PROCEDURE: ANSI C63.4-2003. The spectrum was scanned from .15 to 30 MHz.

TEST DATA - LINE 1

NOTES:

UNIDEN AMERICA CORPORATION - FCC ID: AMWUP855
POWER LINE CONDUCTED PLOT - LINE 1

FCC 15.207 Mask Class B



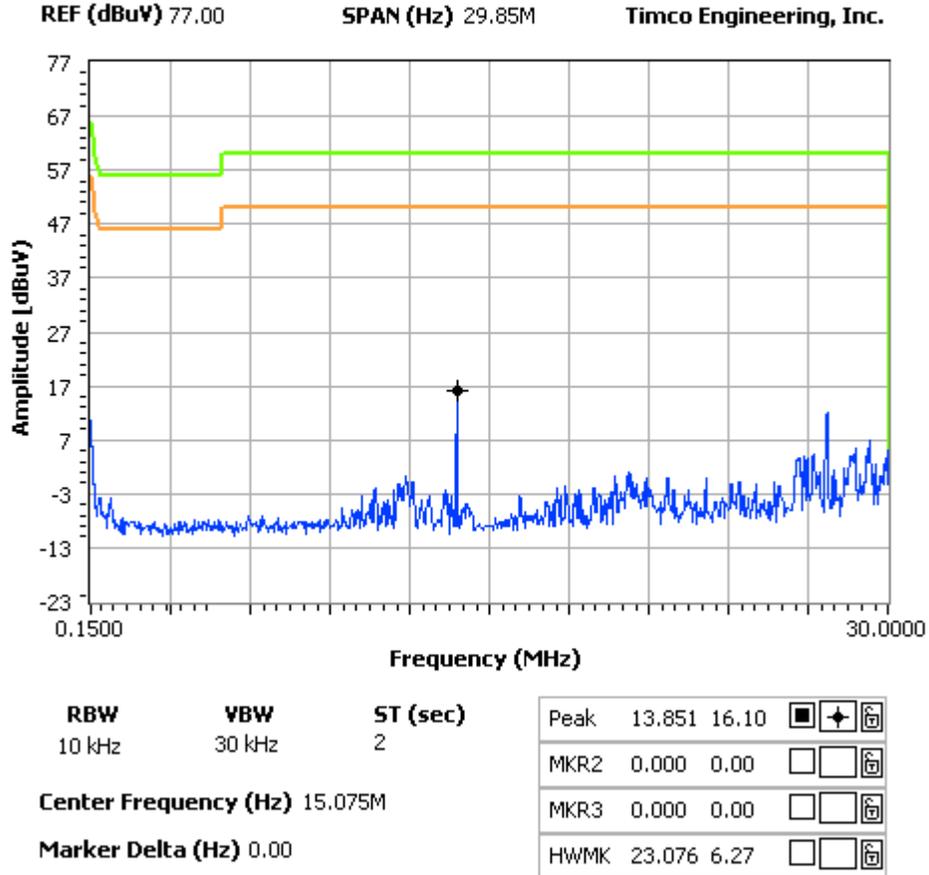
RBW	VBW	ST (sec)	Peak	0.180	26.20	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
10 kHz	30 kHz	2	MKR2	0.000	0.00	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Center Frequency (Hz) 15.075M			MKR3	0.000	0.00	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Marker Delta (Hz) 0.00			HWMK	23.076	6.27	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TEST DATA - LINE 2

NOTES:

UNIDEN AMERICA CORPORATION - FCC ID: AMWUP855
 POWER LINE CONDUCTED PLOT - LINE 2

FCC 15.207 Mask Class B



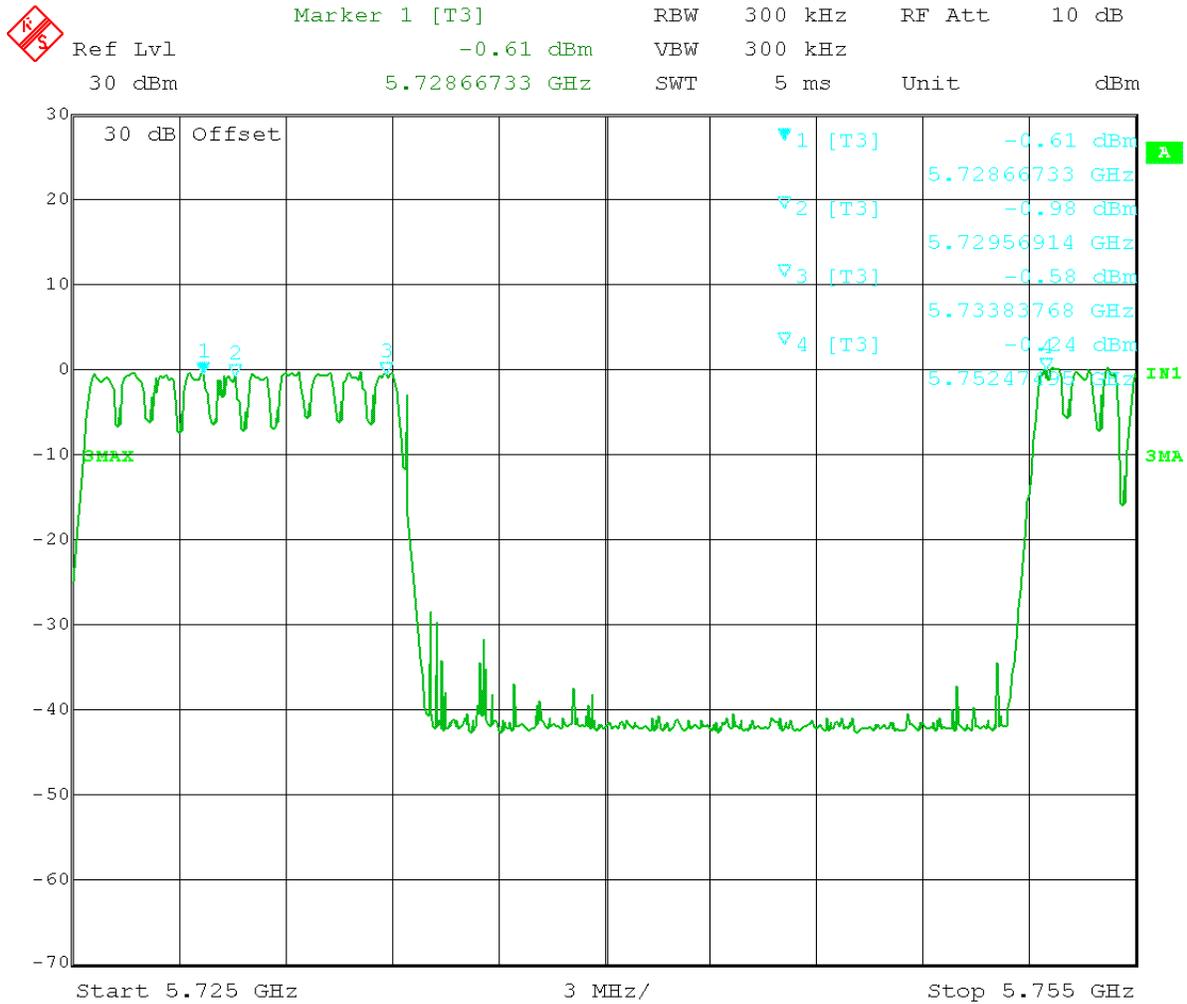
NUMBER OF HOPPING CHANNELS

RULES PART NO.: 15.247(a)(1), RSS-210

REQUIREMENTS: The number of hops is 79 hops at a separation of 1 MHz, the requirement in the 5.8 GHz band is a minimum of 75 hops.

NUMBER OF HOPPING CHANNELS

Plot 1/4

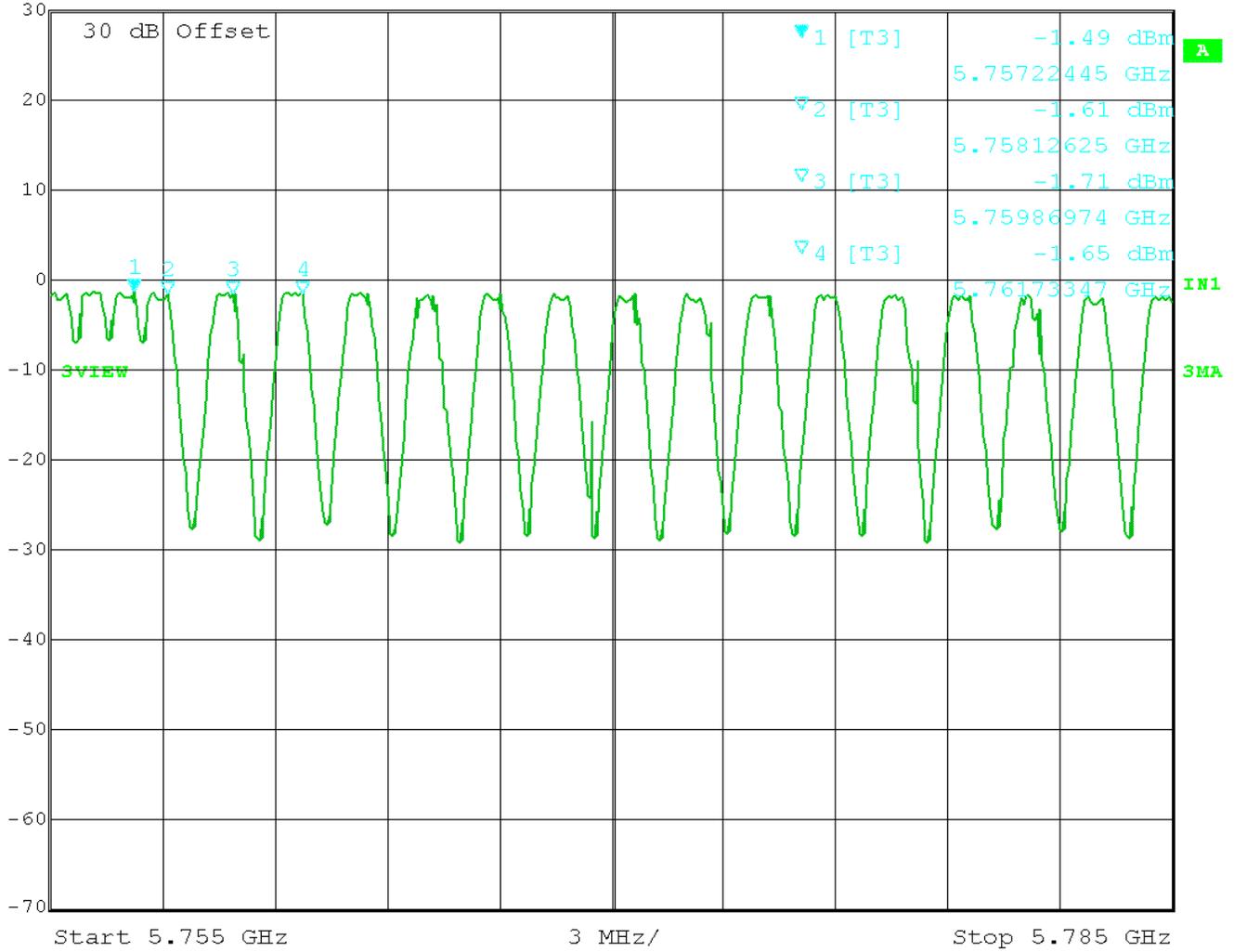


Date: 21.JUN.2007 14:51:47

Plot 2/4



Marker 1 [T3] RBW 300 kHz RF Att 10 dB
 Ref Lvl -1.49 dBm VBW 300 kHz
 30 dBm 5.75722445 GHz SWT 5 ms Unit dBm

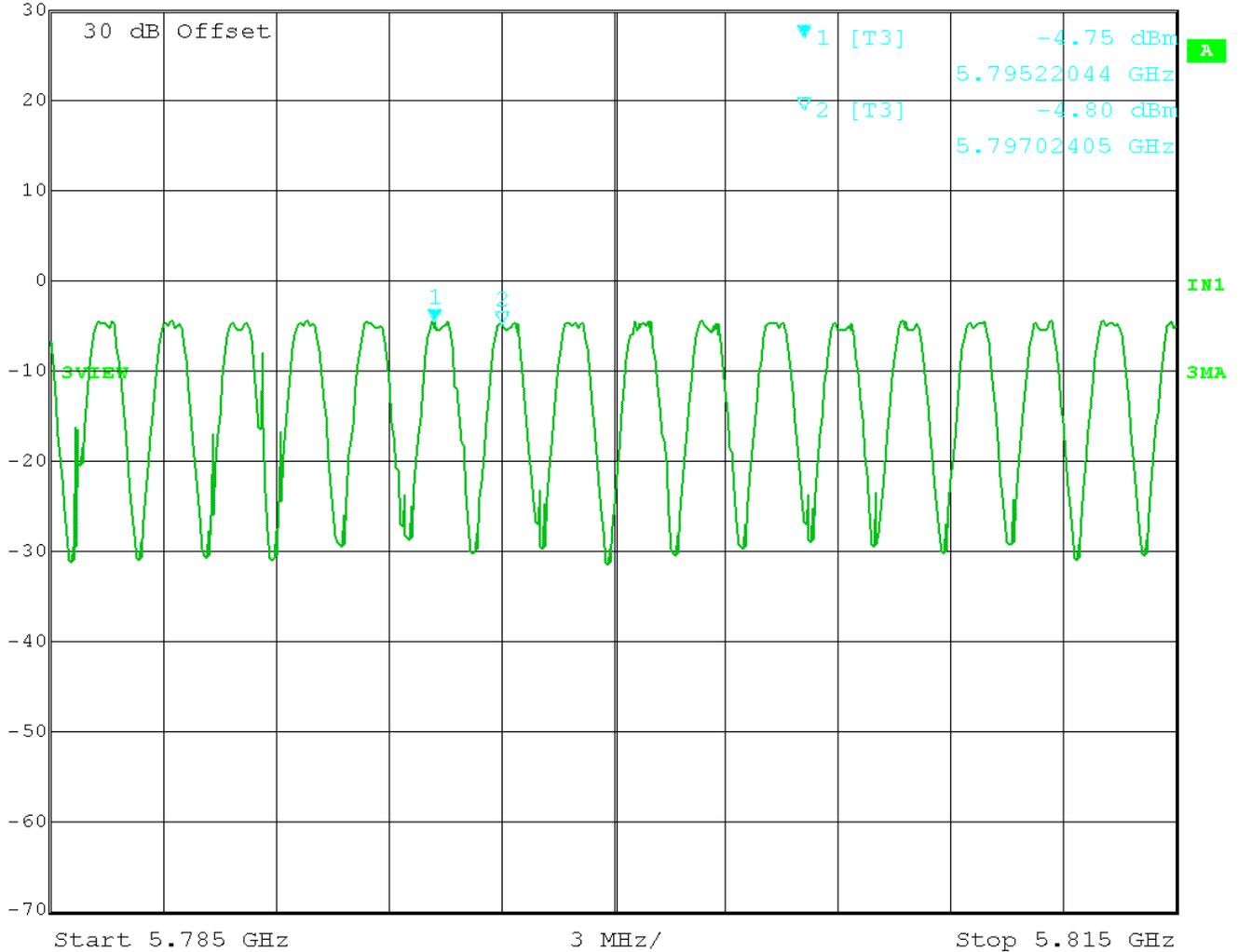


Date: 21.JUN.2007 14:57:20

Plot 3/4



Ref Lvl	30 dBm	Marker 1 [T3]	5.79522044 GHz	RBW	300 kHz	RF Att	10 dB
				VBW	300 kHz		
				SWT	5 ms	Unit	dBm

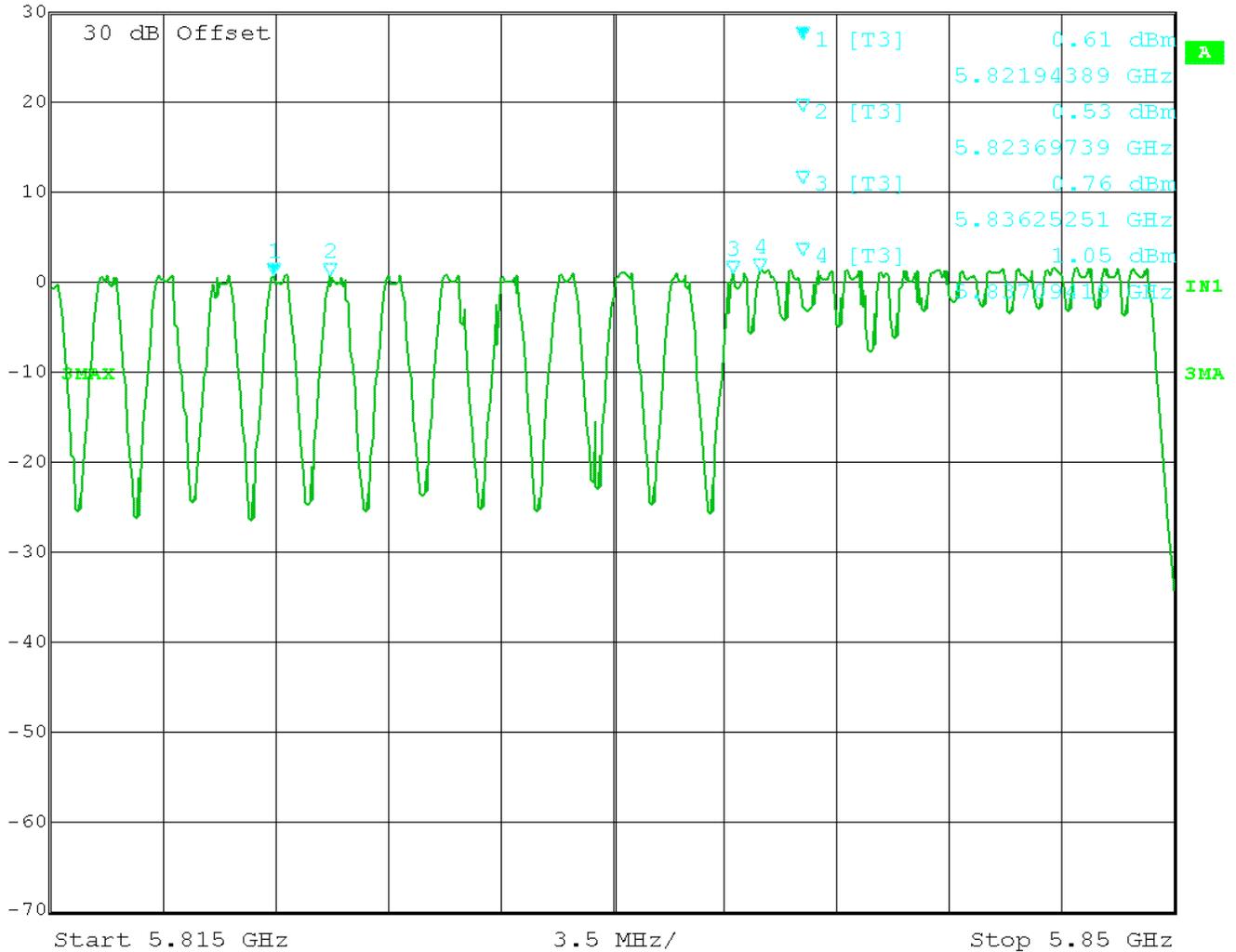


Date: 21.JUN.2007 14:38:58

Plot 4/4



Marker 1 [T3] RBW 300 kHz RF Att 10 dB
 Ref Lvl 0.61 dBm VBW 300 kHz
 30 dBm 5.82194389 GHz SWT 5 ms Unit dBm



Date: 21.JUN.2007 14:44:07

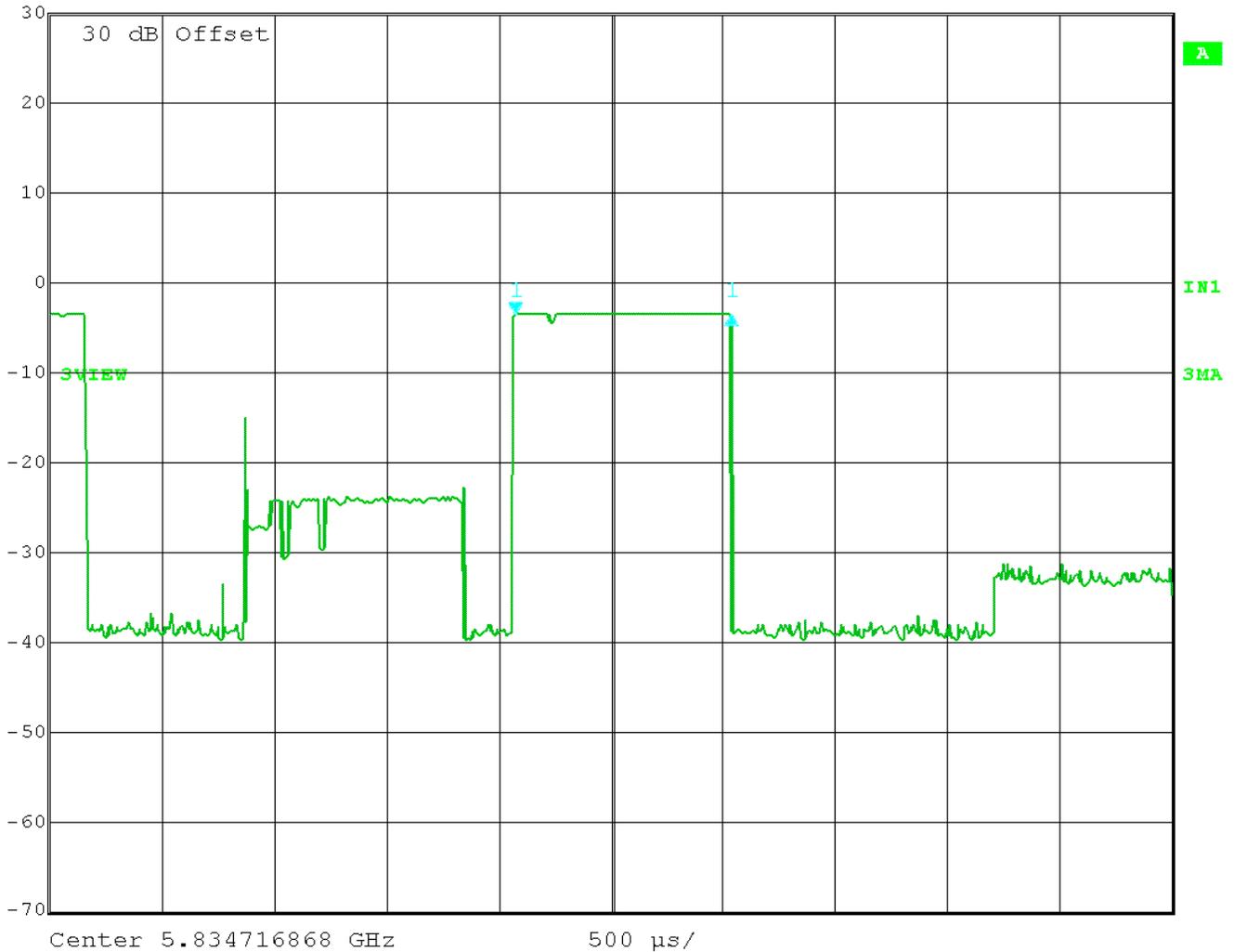
DWELL TIME OF A HOPPING CHANNEL

RULES PART NO.: 15.247(a)(1)(i), RSS-210

REQUIREMENTS: The dwell time is 620 microseconds.



	Delta 1 [T3]	RBW	1 MHz	RF Att	10 dB
Ref Lvl	-0.08 dB	VBW	1 MHz		
30 dBm	961.923848 μ s	SWT	5 ms	Unit	dBm



Date: 21.JUN.2007 15:31:41

ANTENNA GAIN

RULE PART NO.: 15.247(b)(3), RSS-210

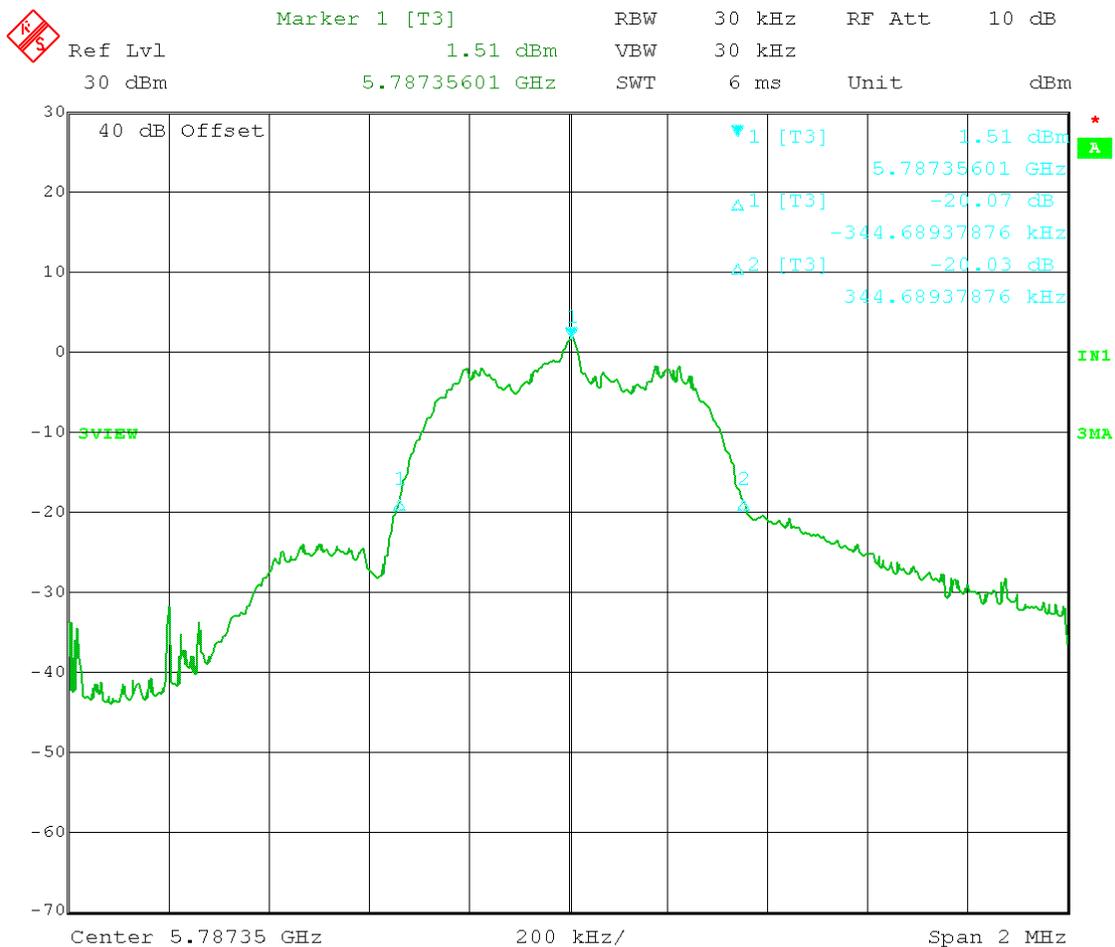
REQUIREMENTS: The antenna's gain is a +6.0 dBi on the base and the handset. This is described in the circuit description.

20DB BANDWIDTH

RULE PART NO.: 15.247(a)(1)(iii)

REQUIREMENTS: The 20 dB bandwidth measured was 689 kHz.

Three places in the band were measured and the worst case presented above.



Date: 21.JUN.2007 16:00:34

POWER OUTPUT

RULE PART NO.: 15.247(b)(1), RSS-210

REQUIREMENTS: 1.0 Watt or +30 dBm

MEASUREMENT: BASE AND HANDSET: 0.117W EIRP

FIELD STRENGTH OF SPURIOUS EMISSIONS - HANDSET

RULES PART NO.: 15.247(c), 15.205 & 15.209(b), RSS-210

REQUIREMENTS:

FIELD STRENGTH of Fundamental:	FIELD STRENGTH of Harmonics	S15.209 30 - 88 MHz 40 dBuV/m @3M
902-928MHz		88 -216 MHz 43.5
2.4-2.4835GHz	127.37dBuV/m	216 -960 MHz 46
127.38dBuV/m @3m	54 dBuV/m @3m	ABOVE 960 MHz 54dBuV/m

EMISSIONS RADIATED OUTSIDE OF THE SPECIFIED FREQUENCY BANDS, EXCEPT FOR HARMONICS, SHALL BE ATTENUATED BY AT LEAST 20 dB BELOW THE LEVEL OF THE FUNDAMENTAL OR TO THE GENERAL RADIATED EMISSION LIMITS IN 15.209, WHICHEVER IS THE LESSER ATTENUATION.

Emissions that fall in the restricted bands (15.205) must be less than 54dBuV/m otherwise the spurious and harmonics must be attenuated by at least 20dB.

TEST DATA:

Tuned Frequency MHz	Emission Frequency MHz	Meter Reading dBuV	Ant. Polarity	Coax Loss dB	Correction Factor dB/m	Duty Cycle CF dB	Field Strength dBuV/m	Margin dB
5,725.80	5,725.81	70.2	H	5.22	35.37	52	58.79	68.59
5,725.80	5,725.81	80	V	5.22	35.37	52	68.59	58.79
5,725.80	11,451.62	27.1	V	7.58	27.89	52	10.57	43.43
5,725.80	11,451.62	29.2	H	7.58	27.89	52	12.67	41.33
5,725.80	17,177.43	23.4	V	10.35	31.41	52	13.16	35.43
5,725.80	17,177.43	29.7	H	10.35	31.41	52	19.46	29.13
5,787.40	5,787.35	70.3	H	5.24	35.44	52	58.98	68.40
5,787.40	5,787.35	79.5	V	5.24	35.44	52	68.18	59.20
5,787.40	11,574.70	28	V	7.63	27.98	52	11.61	42.39
5,787.40	11,574.70	27	H	7.63	27.98	52	10.61	43.39
5,787.40	17,362.05	26.2	H	10.41	31.50	52	16.11	32.07
5,787.40	17,362.05	24	V	10.41	31.50	52	13.91	34.27
5,848.90	5,848.89	69.1	H	5.25	35.52	52	57.87	69.51
5,848.90	5,848.89	78.4	V	5.25	35.52	52	67.17	60.21
5,848.90	11,697.78	24.3	V	7.68	28.07	52	8.05	45.95
5,848.90	11,697.78	29	H	7.68	28.07	52	12.75	41.25
5,848.90	17,546.67	19.6	V	10.46	31.59	52	9.65	37.52
5,848.90	17,546.67	25.6	H	10.46	31.59	52	15.65	31.52

FIELD STRENGTH OF SPURIOUS EMISSIONS - HANDSET (CONTINUED)

RULE PART NO. 15.247(c), 15.205 & 15.209(b), RSS-210

REQUIREMENTS:

FIELD STRENGTH of Fundamental:	FIELD STRENGTH of Harmonics	S15.209 30 - 88 MHz 40 dBuV/m @3M
902-928MHz		88 -216 MHz 43.5
2.4-2.4835GHz	127.37dBuV/m	216 -960 MHz 46
127.38dBuV/m @3m	54 dBuV/m @3m	ABOVE 960 MHz 54dBuV/m

TEST DATA: from 30 MHz to 1 GHz

Emission Frequency MHz	Meter Reading dBuV	Ant. Polarity	Coax Loss dB	Correction Factor dB	Field Strength dBuV/m	Margin dB
41.6	11	V	0.46	9.83	21.29	18.71
68.8	9.6	H	0.56	8.91	19.07	20.93
69.4	13.3	V	0.56	7.73	21.59	18.41
82.7	13.1	V	0.61	7.29	21	19
97	15.5	H	0.64	10.24	26.38	17.12
97.3	16.4	V	0.64	11.11	28.15	15.35
123.8	14.1	V	0.67	13.7	28.47	15.03
146.3	8.7	H	0.7	13.73	23.13	20.37
165.8	16.5	H	0.76	14.6	31.86	11.64
166	17.9	V	0.76	15.92	34.58	8.92
193.5	11	V	0.87	17.4	29.27	14.23
194.1	15.2	H	0.88	17.48	33.56	9.94
207	19	V	0.91	11.7	31.61	11.89
207.6	17.5	H	0.92	11.95	30.37	13.13
221.2	21.9	H	0.94	11.5	34.34	11.66
221.4	20	V	0.94	11.2	32.14	13.86
235	22.4	V	0.97	11.55	34.92	11.08
235.4	24.6	H	0.97	11.77	37.34	8.66
248.6	19.2	H	1	12.43	32.63	13.37
249	14.7	V	1	12.44	28.14	17.86
262.6	22	H	1.03	13.06	36.09	9.91
262.8	16.5	V	1.03	13.01	30.54	15.46
276.2	14.1	V	1.05	13.49	28.64	17.36
277.2	15.3	H	1.05	13.72	30.07	15.93
290	15	H	1.08	14	30.08	15.92
290	15.2	V	1.08	13.9	30.18	15.82
317.8	14.8	H	1.12	15.04	30.96	15.04

RULE PART NO. 15.247(c), 15.205 & 15.209(b), RSS-210

REQUIREMENTS:

FIELD STRENGTH of Fundamental:	FIELD STRENGTH of Harmonics	S15.209 30 - 88 MHz 40 dBuV/m @3M
902-928MHz		88 -216 MHz 43.5
2.4-2.4835GHz	127.37dBuV/m	216 -960 MHz 46
127.38dBuV/m @3m	54 dBuV/m @3m	ABOVE 960 MHz 54dBuV/m

TEST DATA CONTD.:

Emission Frequency MHz	Meter Reading dBuV	Ant. Polarity	Coax Loss dB	Correction Factor dB	Field Strength dBuV/m	Margin dB
318.5	14.2	V	1.12	14.76	30.08	15.92
346	12.8	H	1.15	14.92	28.87	17.13
346	15.8	V	1.15	14.6	31.55	14.45
373.2	7.7	H	1.17	15.26	24.13	21.87
373.8	12.9	V	1.17	15.18	29.25	16.75
454.6	5.8	H	1.25	16.85	23.9	22.1
498.6	7.2	V	1.3	17.87	26.37	19.63
616.4	4.7	H	1.62	19.56	25.88	20.12
697.2	8.5	V	1.7	20.57	30.77	15.23

FIELD STRENGTH OF SPURIOUS EMISSIONS - BASE

RULES PART NO.: 15.247(c), 15.205 & 15.209(b), RSS-210

REQUIREMENTS:

FIELD STRENGTH of Fundamental:	FIELD STRENGTH of Harmonics	S15.209 30 - 88 MHz 40 dBuV/m @3M
902-928MHz		88 -216 MHz 43.5
2.4-2.4835GHz	127.37dBuV/m	216 -960 MHz 46
127.38dBuV/m @3m	54 dBuV/m @3m	ABOVE 960 MHz 54dBuV/m

EMISSIONS RADIATED OUTSIDE OF THE SPECIFIED FREQUENCY BANDS, EXCEPT FOR HARMONICS, SHALL BE ATTENUATED BY AT LEAST 20 dB BELOW THE LEVEL OF THE FUNDAMENTAL OR TO THE GENERAL RADIATED EMISSION LIMITS IN 15.209, WHICHEVER IS THE LESSER ATTENUATION.

Emissions that fall in the restricted bands (15.205) must be less than 54dBuV/m otherwise the spurious and harmonics must be attenuated by at least 20dB.

TEST DATA:

Tuned Frequency MHz	Emission Frequency MHz	Meter Reading dBuV	Ant Pol	Coax Loss dB	Correction Factor dB	Duty Cycle CF dB	Field Strength dBuV/m	Margin dB
5,725.80	5,725.81	69	H	5.22	35.37	46	63.59	63.79
5,725.80	5,725.81	80	V	5.22	35.37	46	74.59	52.79
5,725.80	11,451.62	27.5	V	7.58	27.89	46	16.97	37.03
5,725.80	11,451.62	31.6	H	7.58	27.89	46	21.07	32.93
5,725.80	17,177.43	23.5	V	10.35	31.41	46	19.26	35.33
5,725.80	17,177.43	28.1	H	10.35	31.41	46	23.86	30.73
5,787.40	5,787.35	67.4	H	5.24	35.44	46	62.08	65.30
5,787.40	5,787.35	78.1	V	5.24	35.44	46	72.78	54.60
5,787.40	11,574.70	28	V	7.63	27.98	46	17.61	36.39
5,787.40	11,574.70	29.4	H	7.63	27.98	46	19.01	34.99
5,787.40	17,362.05	24.4	H	10.41	31.50	46	20.31	32.47
5,787.40	17,362.05	26.6	V	10.41	31.50	46	22.51	31.49
5,848.90	5,848.89	69.8	H	5.25	35.52	46	64.57	62.81
5,848.90	5,848.89	79	V	5.25	35.52	46	73.77	53.61
5,848.90	11,697.78	20.2	V	7.68	28.07	46	9.95	44.05
5,848.90	11,697.78	25.2	H	7.68	28.07	46	14.95	39.05
5,848.90	17,546.67	21.1	V	10.46	31.59	46	17.15	36.62
5,848.90	17,546.67	22.7	H	10.46	31.59	46	18.75	35.02

FIELD STRENGTH OF SPURIOUS EMISSIONS - BASE (CONTINUED)

RULE PART NO. 15.247(c), 15.205 & 15.209(b), RSS-210

REQUIREMENTS: 30 to 88 MHz: 40.00 dBuV/M @ 3 METERS
 88 to 216 MHz: 43.50 dBuV/M
 216 to 960 MHz: 46.02 dBuV/M
 ABOVE 960 MHz: 54.00 dBuV/M

TEST DATA: from 30 MHz to 1 GHz

Emission Frequency MHz	Meter Reading dBuV	Ant. Polarity	Coax Loss dB	Correction Factor dB	Field Strength dBuV/m	Margin dB
32.2	15.7	V	0.41	11.56	27.67	12.33
42.6	10.8	V	0.46	9.91	21.17	18.83
60.1	7.9	V	0.53	11.46	19.89	20.11
86.1	12.8	V	0.62	8.17	21.59	18.41
110.8	11.3	V	0.66	13.2	25.16	18.34
110.9	13.1	H	0.66	13.07	26.83	16.67
142.5	14.7	H	0.69	13.3	28.69	14.81
166.2	7.4	V	0.76	15.94	24.1	19.4
166.2	9.6	H	0.76	14.64	25	18.5
172	8.9	H	0.79	15.38	25.07	18.43
190.7	7	H	0.86	17.41	25.27	18.23
221.2	16.1	H	0.94	11.5	28.54	17.46
222	7.4	V	0.94	11.2	19.54	26.46
248.8	18.1	H	1	12.44	31.54	14.46
249	9.1	V	1	12.44	22.54	23.46
276.6	13.7	H	1.05	13.7	28.45	17.55
304.4	10.9	H	1.1	14.75	26.75	19.25
304.4	11.5	V	1.1	14.71	27.31	18.69
318.2	12.9	H	1.12	15.04	29.06	16.94
345.8	11.8	V	1.15	14.6	27.55	18.45
373.2	9.6	H	1.17	15.26	26.03	19.97
400.6	11.4	V	1.2	15.71	28.31	17.69
428.8	11.8	V	1.23	16.09	29.12	16.88
456.4	11.2	V	1.26	16.79	29.25	16.75
519	14.9	H	1.36	18.89	35.15	10.85
525.6	11.2	V	1.38	17.96	30.54	15.46

NAME OF TEST: RADIATED SPURIOUS EMISSIONS - BASE

RULES PART NO.: 15.209, RSS-210

TEST DATA CONTD.:

Emission Frequency MHz	Meter Reading dBuV	Ant. Polarity	Coax Loss dB	Correction Factor dB	Field Strength dBuV/m	Margin dB
553.2	11.3	V	1.46	18.1	30.86	15.14
553.2	12.9	H	1.46	18.66	33.02	12.98
608.2	14.2	H	1.61	19.43	35.24	10.76
635.8	8.8	V	1.64	19.47	29.91	16.09
636	15.3	H	1.64	19.78	36.72	9.28
663.6	12.5	H	1.66	20.44	34.6	11.4

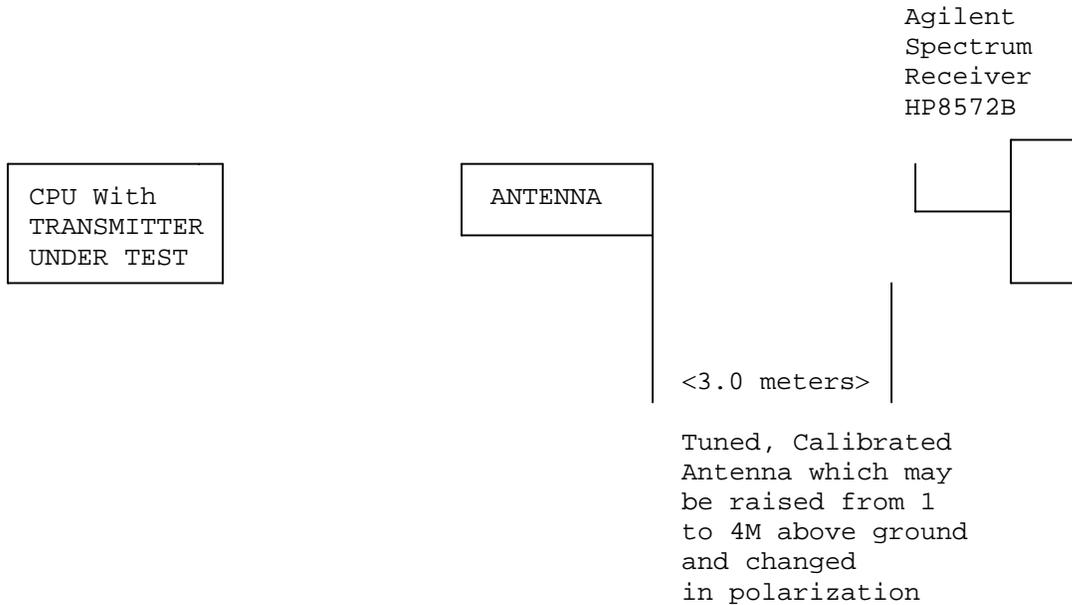
APPLICANT: UNIDEN AMERICA CORPORATION

FCC ID: AMWUP855

IC #: 513C-UP855

REPORT #: W:\U\Uniden AMW\2053AUT7\2053AUT7TestReport.doc

Method of Measuring Radiated Spurious Emissions



Equipment placed 80cm above ground on a rotatable platform.

METHOD OF MEASUREMENT: The procedure used was ANSI standard C63.4-2003 & the FCC/OET Guidance on Measurements for frequency hopping spread spectrum systems - DA 00-705, Dated March 30, 2000. Measurements were made at the open area test site of TIMCO ENGINEERING INC. located at 849 N.W. State Road 45, Newberry, FL 32669.

POWER SPECTRAL DENSITY

RULES PART NO.: 15.247(d)

REQUIREMENTS: The power spectral density averaged over any 1-second interval shall not be greater than 8 dBm in any 3 kHz bandwidth within these bands.

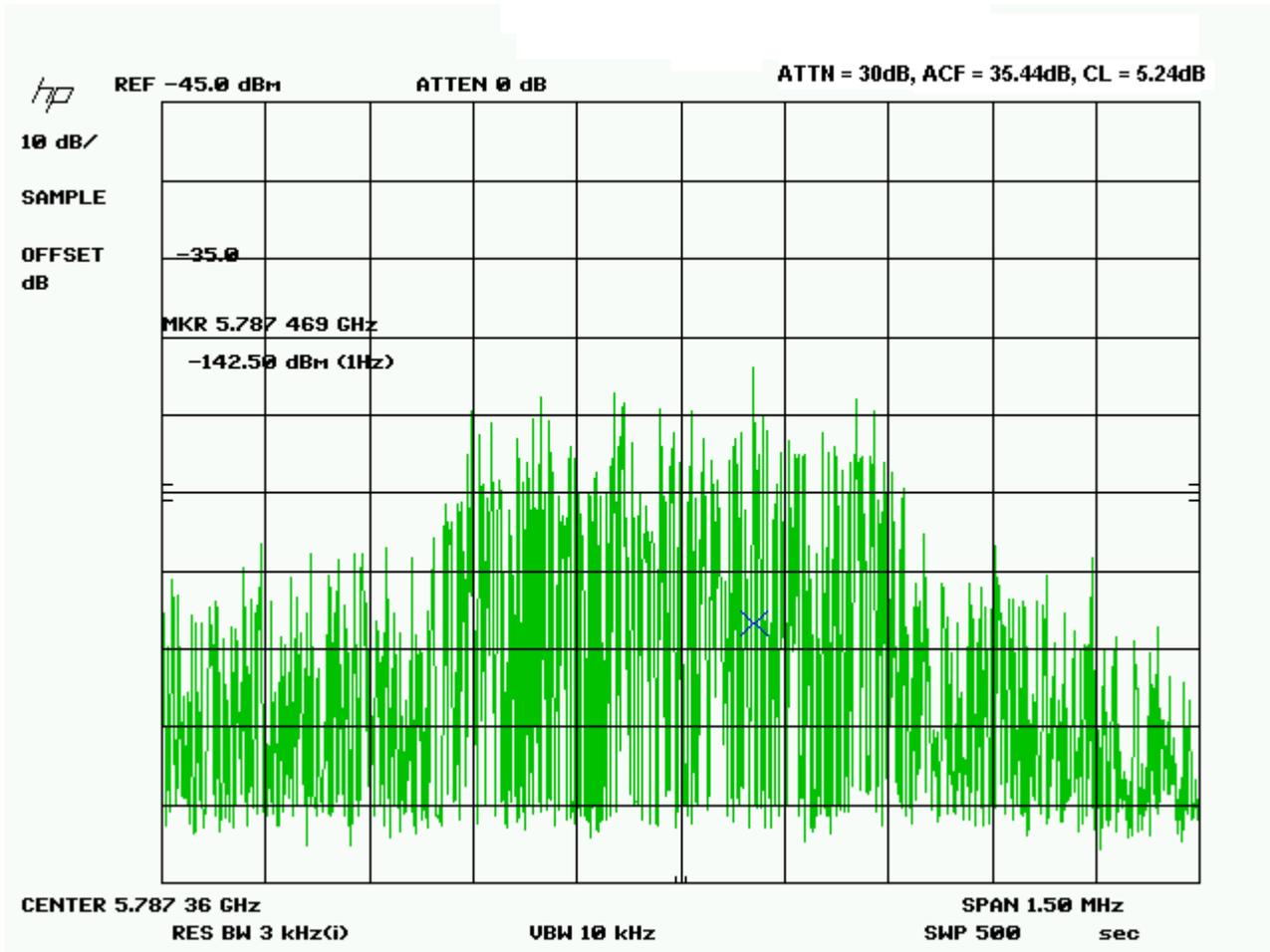
TEST DATA:

The spectrum line spacing could not be resolved so the noise power density was measured;

Measurement Method:

Starting from the settings that were used for the 6 dB bandwidth the peak signal was located and the span was reduced and the sweep time increased in a manner to maintain calibration and to keep the peak emission in the display, then the sweep time was increased to 500seconds at 1.5MHz span and a RBW changed to 3 kHz. The spectrum analyzer was put into the noise power mode and the plots made.

-142.80 dBm
40.68 dB ATTN
<u>35.00 dB CF</u>
-66.98 dBm



POWER SPECTRAL DENSITY PLOT - BASE

