

FCC Test Report

Product Name	Angelcare Baby Monitor
Model No	AC1200
FCC ID.	N7TAC1200T

Applicant	Angelcare Monitors Inc.	
Address	9975, Av. De Catania, Local B, Brossard, Quebec	
	J4Z 3V6, Canada	

Date of Receipt	Jun. 28, 2013
Issue Date	Jul. 30, 2013
Report No.	137088R-RFUSP28V01
Report Version	V1.0



The test results relate only to the samples tested.

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Test Report Certification

Issue Date: Jul. 30, 2013 Report No.: 137088R-RFUSP28V01



Product Name	Angelcare Baby Monitor	
Applicant	Angelcare Monitors Inc.	
Address	9975, Av. De Catania, Local B, Brossard, Quebec, J4Z 3V6, Canada	
Manufacturer	Angelcare Monitors Inc.	
Model No.	AC1200	
FCC ID.	N7TAC1200T	
EUT Rated Voltage	AC 100-240V, 50/60Hz	
EUT Test Voltage	AC 120V/60Hz	
Trade Name	Angelcare	
Applicable Standard	FCC CFR Title 47 Part 15 Subpart C: 2012	
	ANSI C63.4: 2003, ANSI C63.10: 2009	
Test Result	Complied	

The test results relate only to the samples tested.

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Attachment 1: EUT Test Photographs

Attachment 2: EUT Detailed Photographs

1. GENERAL INFORMATION

1.1. EUT Description

Product Name	Angelcare Baby Monitor	
Trade Name	Angelcare	
Model No.	AC1200	
FCC ID.	N7TAC1200T	
Frequency Range	2412-2462MHz for 802.11b/g/n-20BW, 2422-2452MHz for 802.11n-40BW	
Number of Channels	802.11b/g/n-20MHz: 11, n-40MHz: 7	
Data Speed	802.11b: 1-11Mbps, 802.11g: 6-54Mbps, 802.11n: up to 150Mbps	
Type of Modulation	802.11b:DSSS (DBPSK, DQPSK, CCK)	
	802.11g/n:OFDM (BPSK, QPSK, 16QAM, 64QAM)	
Antenna Type	Monopole Antenna	
Antenna Gain	Refer to the table "Antenna List"	
Channel Control	Auto	
Sensor Pad	Angelcare, SP-US-1	
USB Cable	Shielded, 2m	
Power Adapter	MFR: UNIFIVE, M/N: UBX310-0520	
	Input: AC 100-240V, 50/60Hz, 0.3A	
	Output: DC 5V, 2A	
Contain Module	CastleNet / RTL8188CTV	

Antenna List

No.	Manufacturer	Model No.	Peak Gain
1	VOS	821-103-01212640	2.8 dBi for 2.4GHz

Note: The antenna of EUT is conform to FCC 15.203.

802.11b/g/n-20MHz Center Frequency of Each Channel:							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
Channel 01:	2412 MHz	Channel 02:	2417 MHz	Channel 03:	2422 MHz	Channel 04:	2427 MHz
Channel 05:	2432 MHz	Channel 06:	2437 MHz	Channel 07:	2442 MHz	Channel 08:	2447 MHz
Channel 09:	2452 MHz	Channel 10:	2457 MHz	Channel 11:	2462 MHz		
802.11n-40MHz Center Frequency of Each Channel:							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
Channel 03:	2422 MHz	Channel 04:	2427 MHz	Channel 05:	2432 MHz	Channel 06:	2437 MHz
Channel 07:	2442 MHz	Channel 08:	2447 MHz	Channel 09:	2452 MHz		

- 1. The EUT is an Angelcare Baby Monitor with a built-in 2.4GHz WLAN transceiver.
- 2. Regarding to the operation frequency, the lowest, middle and highest frequency are selected to perform the test.
- 3. Lowest and highest data rates are tested in each mode. Only worst case is shown in the report.
 (802.11b is 1Mbps \$\$\times 802.11g is 6Mbps \$\$802.11n(20M-BW) is 7.2Mbps and \$\$802.11n(40M-BW) is 15Mbps)
- 4. These tests are conducted on a sample for the purpose of demonstrating compliance of 802.11b/g/n transmitter with Part 15 Subpart C Paragraph 15.247 of spread spectrum devices.

Test Mode:	Mode 1: Transmit (802.11b 1Mbps)
	Mode 2: Transmit (802.11g 6Mbps)
	Mode 3: Transmit (802.11n MCS0 7.2Mbps 20M-BW)
	Mode 4: Transmit (802.11n MCS0 15Mbps 40M-BW)

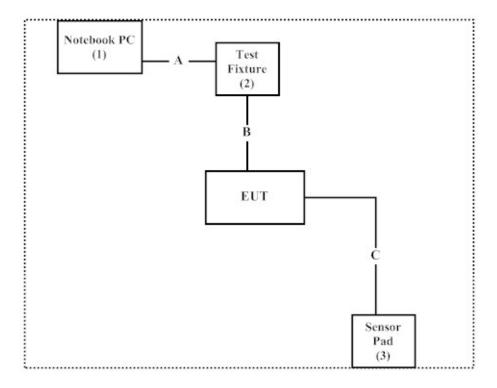
1.3. Tested System Details

The types for all equipment, plus descriptions of all cables used in the tested system (including inserted cards) are:

	Product	Manufacturer	Model No.	Serial No.	Power Cord
1	Notebook PC	DELL	PPT	N/A	Non-Shielded, 0.8m
2	Test Fixture	MSI	N/A	N/A	N/A
3	Sensor Pad	Angelcare	SP-US-1	N/A	N/A

Sign	al Cable Type	Signal cable Description
А	RS-232 Cable	Non-Shielded, 1.8m
В	Signal Cable	Non-Shielded, 0.2m
С	Sensor Pad Cable	Non-Shielded, 2.8m

1.4. Configuration of Tested System



1.5. EUT Exercise Software

- 1. Setup the EUT as shown in Section 1.4
- 2. Execute software "Hyper Terminal v5.5" on the EUT.
- 3. Configure the test mode, the test channel, and the data rate.
- 4. Press "OK" to start the continuous Transmit.
- 5. Verify that the EUT works properly.

1.6. Test Facility

Ambient conditions in the laboratory:

Items	Required (IEC 68-1)	Actual
Temperature (°C)	15-35	20-35
Humidity (%RH)	25-75	50-65
Barometric pressure (mbar)	860-1060	950-1000

The related certificate for our laboratories about the test site and management system can be downloaded from

QuieTek Corporation's Web Site: <u>http://www.quietek.com/tw/ctg/cts/accreditations.htm</u> The address and introduction of QuieTek Corporation's laboratories can be founded in our Web site: <u>http://www.quietek.com/</u>

Site Description:	File on
	Federal Communications Commission
	FCC Engineering Laboratory
	7435 Oakland Mills Road
	Columbia, MD 21046
	Registration Number: 92195
Site Name:	Quietek Corporation
Site Address:	No.5-22, Ruishukeng,
	Linkou Dist. New Taipei City 24451,
	Taiwan, R.O.C.
	TEL: 886-2-8601-3788 / FAX : 886-2-8601-3789
	E-Mail : <u>service@quietek.com</u>

FCC Accreditation Number: TW1014

2. Conducted Emission

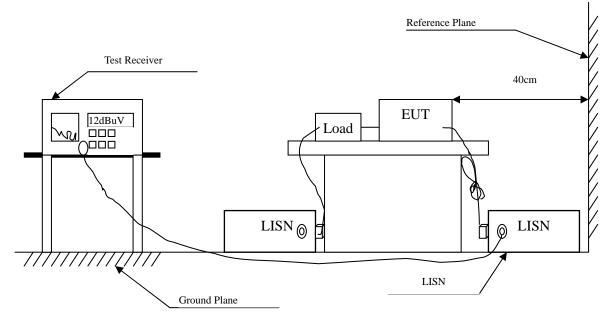
2.1. Test Equipment

	Equipment	Manufacturer	Model No. / Serial No.	Last Cal.	Remark
Х	Test Receiver	R & S	ESCS 30 / 825442/018	Sep., 2012	
Х	Artificial Mains Network	R & S	ENV4200 / 848411/10	Feb., 2013	Peripherals
Х	LISN	R & S	ESH3-Z5 / 825562/002	Feb., 2013	EUT
	DC LISN	Schwarzbeck	8226 / 176	Mar, 2013	EUT
Х	Pulse Limiter	R & S	ESH3-Z2 / 357.8810.52	Feb., 2013	
	No.1 Shielded Room				

Note:

- 1. All equipments are calibrated every one year.
- 2. The test instruments marked by "X" are used to measure the final test results.

2.2. Test Setup



2.3. Limits

FCC Part 15 Subpart C Paragraph 15.207 (dBuV) Limit								
Frequency	Limits							
MHz	QP	AVG						
0.15 - 0.50	66-56	56-46						
0.50-5.0	56	46						
5.0 - 30	60	50						

2.4. Test Procedure

The EUT and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.). This provides a 50 ohm /50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm /50uH coupling impedance with 50ohm termination. (Please refers to the block diagram of the test setup and photographs.)

Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10: 2009 on conducted measurement.

Conducted emissions were invested over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9kHz.

2.5. Uncertainty

± 2.26 dB

2.6. Test Result of Conducted Emission

Product	:	Angelcare Baby Monitor
Test Item	:	Conducted Emission Test
Power Line	:	Line 1
Test Mode	:	Mode 4: Transmit (802.11n MCS0 15Mbps 40M-BW) (2437MHz)

Frequency	Correct	Reading	Measurement	Margin	Limit
	Factor	Level	Level		
MHz	dB	dBuV	dBuV	dB	dBuV
Line 1					
Quasi-Peak					
0.209	9.699	21.800	31.499	-32.815	64.314
0.263	9.702	20.930	30.632	-32.139	62.771
0.463	9.711	34.260	43.971	-13.086	57.057
0.947	9.733	25.130	34.863	-21.137	56.000
1.525	9.769	25.700	35.469	-20.531	56.000
6.947	9.850	23.150	33.000	-27.000	60.000
Average					
0.209	9.699	13.090	22.789	-31.525	54.314
0.263	9.702	10.520	20.222	-32.549	52.771
0.463	9.711	21.320	31.031	-16.026	47.057
0.947	9.733	19.450	29.183	-16.817	46.000
1.525	9.769	11.620	21.389	-24.611	46.000
6.947	9.850	16.910	26.760	-23.240	50.000

- 1. All Reading Levels are Quasi-Peak and average value.
- 2. "means the worst emission level.
- 3. Measurement Level = Reading Level + Correct Factor

Product	: Angelcare Baby Monitor									
Test Item	: Conducted Emission Test									
Power Line	: Line 2									
Test Mode	: Mode 4: Transmit (802.11n MCS0 15Mbps 40M-BW) (2437MHz)									
Frequency	Correct	Reading	Measurement	Margin	Limit					
	Factor	Level	Level							
MHz	dB	dBuV	dBuV	dB	dBuV					
Line 2										
Quasi-Peak										
0.310	9.684	15.820	25.504	-35.925	61.429					
0.463	9.691	29.400	39.091	-17.966	57.057					
0.701	9.702	21.020	30.722	-25.278	56.000					
1.580	9.761	19.110	28.871	-27.129	56.000					
3.158	9.800	16.170	25.970	-30.030	56.000					
7.334	9.850	21.900	31.750	-28.250	60.000					
Average										
0.310	9.684	6.210	15.894	-35.535	51.429					
0.463	9.691	24.860	34.551	-12.506	47.057					
0.701	9.702	15.310	25.012	-20.988	46.000					
1.580	9.761	12.870	22.631	-23.369	46.000					
3.158	9.800	0.830	10.630	-35.370	46.000					
7.334	9.850	15.440	25.290	-24.710	50.000					

- 1. All Reading Levels are Quasi-Peak and average value.
- 2. "means the worst emission level.
- 3. Measurement Level = Reading Level + Correct Factor

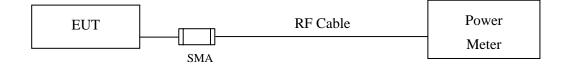
3. Peak Power Output

3.1. Test Equipment

	Equipment	Manufacturer	Model No./Serial No.	Last Cal.						
Х	Power Meter	Anritsu	ML2495A/6K00003357	May, 2013						
Х	Power Sensor	Anritsu	MA2411B/0738448	Jun, 2013						
Note:										
1.	All equipments are c	calibrated with trac	eable calibrations. Each calibr	ation is traceable to the						
	national or international standards.									

2. The test instruments marked with "X" are used to measure the final test results.

3.2. Test Setup



3.3. Limits

The maximum peak power shall be less 1 Watt.

3.4. Test Procedure

The EUT was tested according to DTS test procedure of KDB 558074 for compliance to FCC 47CFR 15.247 requirements. The maximum peak conducted output power using KDB 558074 section 9.1.3 PKPM1 Peak power meter method.

3.5. Uncertainty

 \pm 1.27 dB

3.6. Test Result of Peak Power Output

Product	:	Angelcare Baby Monitor
Test Item	:	Peak Power Output Data
Test Site	:	No.3 OATS
Test Mode	:	Mode 1: Transmit (802.11b 1Mbps)

Channel No Frequency (MHz)	Frequency	For d	Average ifferent Da	e Power ata Rate (N	Peak Power	Required	Result	
	1	2	5.5	11	1	Limit		
			Measur	ement Lev				
01	2412	16.66				18.91	<30dBm	Pass
06	2437	16.68	16.67	16.67	16.65	18.92	<30dBm	Pass
11	2462	16.4				18.67	<30dBm	Pass

Note: Peak Power Output Value =Reading value on power meter + cable loss

Product	:	Angelcare Baby Monitor
Test Item	:	Peak Power Output Data
Test Site	:	No.3 OATS
Test Mode	:	Mode 2: Transmit (802.11g 6Mbps)

		Average Power For different Data Rate (Mbps)								Peak		
	Frequency		H	or diffe	erent Da	ata Rate	e (Mbps	s)		Power	Required	
Channel No	(MHz)	6	9	12	18	24	36	48	54	6	Limit	Result
			Measurement Level (dBm)									
01	2412	15.29								23.34	<30dBm	Pass
06	2437	15.35	15.34	15.31	15.29	15.27	15.24	15.2	15.16	23.66	<30dBm	Pass
11	2462	15.54								23.79	<30dBm	Pass

Note: Peak Power Output Value =Reading value on power meter + cable loss

Product	:	Angelcare Baby Monitor
Test Item	:	Peak Power Output Data
Test Site	:	No.3 OATS
Test Mode	:	Mode 3: Transmit (802.11n MCS0 7.2Mbps 20M-BW)

			Average PowerPeakFor different Data Rate (Mbps)Power									
Channel No	Frequency (MHz)	7.2	14.4	21.7	28.9	43.3	57.8	65	72.2	7.2	Required Limit	Result
			Measurement Level (dBm)									
01	2412	14.22								22.68	<30dBm	Pass
06	2437	14.21	14.19	14.18	14.15	14.11	14.08	14.05	14.04	22.79	<30dBm	Pass
11	2462	14.13								22.73	<30dBm	Pass

Note: Peak Power Output Value = Reading value on power meter + cable loss

Product	:	Angelcare Baby Monitor
Test Item	:	Peak Power Output Data
Test Site	:	No.3 OATS
Test Mode	:	Mode 4: Transmit (802.11n MCS0 15Mbps 40M-BW)

	Fraguanay	Average PowerPeakFor different Data Rate (Mbps)Power							Required			
Channel No	(MHz)	15	30	45	60	90	120	135	150	15	Limit	Result
			Measurement Level (dBm)									
03	2422	14.01								22.91	<30dBm	Pass
06	2437	14.12	14.1	14.08	14.05	14.01	13.96	13.9	13.88	23.01	<30dBm	Pass
09	2452	14.19								22.98	<30dBm	Pass

Note: Peak Power Output Value = Reading value on power meter + cable loss

4. Radiated Emission

4.1. Test Equipment

The following test equipment are used during the radiated emission test:

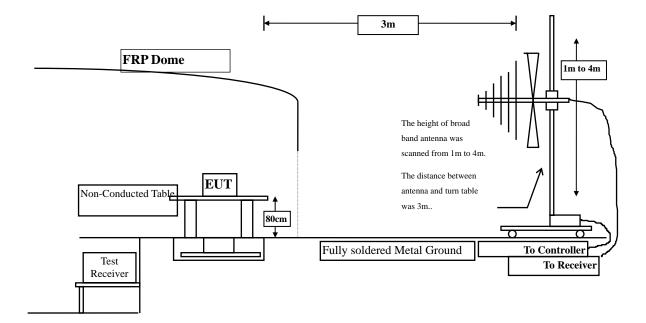
Test Site	Equipment		Manufacturer	Model No./Serial No.	Last Cal.
Site # 3	Х	Loop Antenna	Teseq	HLA6120 / 26739	Jul., 2013
	Х	Bilog Antenna	Schaffner Chase	CBL6112B/2673	Sep., 2012
	Х	Horn Antenna	Schwarzbeck	BBHA9120D/D305	Sep., 2012
	Х	Horn Antenna	Schwarzbeck	BBHA9170/208	Jul., 2013
	Х	Pre-Amplifier	Agilent	8447D/2944A09549	Sep., 2012
	Х	Spectrum Analyzer	Agilent	E4407B / US39440758	May, 2013
	Х	Test Receiver	R & S	ESCS 30/ 825442/018	Sep., 2012
	Х	Coaxial Cable	QuieTek	QTK-CABLE/ CAB5	Feb., 2013
	Х	Controller	QuieTek	QTK-CONTROLLER/ CTRL3	N/A
	Х	Coaxial Switch	Anritsu	MP59B/6200265729	N/A

Note: 1. All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

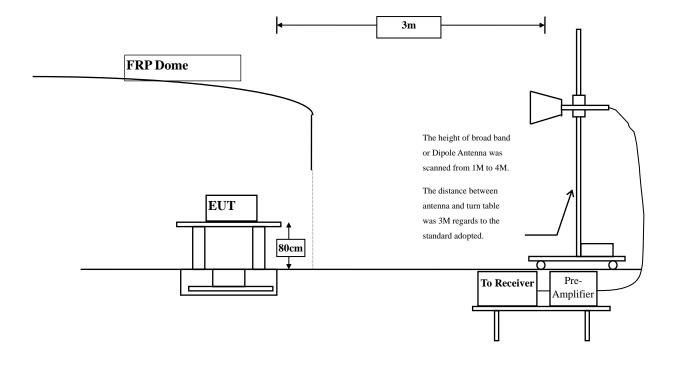
2. The test instruments marked with "X" are used to measure the final test results.

4.2. Test Setup

Radiated Emission Below 1GHz



Radiated Emission Above 1GHz



4.3. Limits

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 20dB below the level of the fundamental or to the general radiated emission limits in paragraph 15.209, whichever is the lesser attenuation.

FCC Part 15 Subpart C Paragraph 15.209(a) Limits									
Frequency MHz	Field strength	Measurement distance							
	(microvolts/meter)	(meter)							
0.009-0.490	2400/F(kHz)	300							
0.490-1.705	24000/F(kHz)	30							
1.705-30	30	30							
30-88	100	3							
88-216	150	3							
216-960	200	3							
Above 960	500	3							

Remarks: E field strength $(dBuV/m) = 20 \log E$ field strength (uV/m)

4.4. Test Procedure

The EUT was setup according to ANSI C63.10: 2009 and tested according to DTS test procedure of KDB558074 for compliance to FCC 47CFR 15.247 requirements.

The EUT is placed on a turn table which is 0.8 meter above ground. The turn table is rotated 360 degrees to determine the position of the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.

The antenna is scanned between 1 meter and 4 meters to find out the maximum emission level. This is repeated for both horizontal and vertical polarization of the antenna. In order to find the maximum emission, all of the interface cables were manipulated according to ANSI C63.10: 2009 on radiated measurement.

The resolution bandwidth below 30MHz setting on the field strength meter is 9kHz and 30MHz~1GHz is 120kHz and above 1GHz is 1MHz.

Radiated emission measurements below 30MHz are made using Loop Antenna and 30MHz~1GHz are made using broadband Bilog antenna and above 1GHz are made using Horn Antennas.

The measurement is divided into the Preliminary Measurement and the Final Measurement. The suspected frequencies are searched for in Preliminary Measurement with the measurement antenna kept pointed at the source of the emission both in azimuth and elevation, with the polarization of the antenna oriented for maximum response. The antenna is pointed at an angle towards the source of the emission, and the EUT is rotated in both height and polarization to maximize the measured emission. The emission is kept within the illumination area of the 3 dB bandwidth of the antenna. The worst radiated emission is measured in the Open Area Test Site on the Final Measurement. The frequency range from 9kHz to 10th harmonics is checked.

4.5. Uncertainty

- ± 3.9 dB above 1GHz
- ± 3.8 dB below 1GHz

4.6. Test Result of Radiated Emission

Product	:	Angelcare Baby Monitor
Test Item	:	Harmonic Radiated Emission Data
Test Site	:	No.3 OATS
Test Mode	:	Mode 1: Transmit (802.11b 1Mbps) (2412MHz)

Frequency	Correct	Reading	Measurement	Margin	Limit
	Factor	Level	Level		
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector:					
4824.000	3.261	39.700	42.961	-31.039	74.000
7236.000	10.650	38.120	48.770	-25.230	74.000
9648.000	13.337	36.990	50.326	-23.674	74.000
Average Detector:					
Vertical					
Peak Detector:					
4824.000	6.421	38.850	45.271	-28.729	74.000
7236.000	11.495	40.760	52.255	-21.745	74.000
9648.000	13.807	37.940	51.746	-22.254	74.000

Average Detector:

--

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	: Angelcare Baby Monitor								
Test Item	: Harmonic Radiated Emission Data								
Test Site	: No.3 OATS								
Test Mode	: Mode 1: Transmit (802.11b 1Mbps) (2437 MHz)								
Frequency	Correct	Reading	Measurement	Margin	Limit				
	Factor	Level	Level						
MHz	dB	dBuV	dBuV/m	dB	dBuV/m				
Horizontal									
Peak Detector:									
4874.000	3.038	38.840	41.877	-32.123	74.000				
7311.000	11.795	37.360	49.154	-24.846	74.000				
9748.000	12.635	37.010	49.645	-24.355	74.000				
Average Detector:									
Vertical									
Peak Detector:									
4874.000	5.812	38.210	44.021	-29.979	74.000				
7311.000	12.630	40.010	52.639	-21.361	74.000				
9748.000	13.126	37.120	50.246	-23.754	74.000				
Average Detector:									

--

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	: Angelcare Baby Monitor							
Test Item	: Harmonic Radiated Emission Data							
Test Site	: No.3 OATS							
Test Mode	: Mode 1:	Transmit (802.11	b 1Mbps) (2462 MH	z)				
Frequency	Correct	Reading	Measurement	Margin	Limit			
	Factor	Level	Level					
MHz	dB	dBuV	dBuV/m	dB	dBuV/m			
Horizontal								
Peak Detector:								
4924.000	2.858	40.340	43.197	-30.803	74.000			
7386.000	12.127	36.830	48.958	-25.042	74.000			
9848.000	12.852	37.020	49.873	-24.127	74.000			
Average Detector:								
Vertical								
Peak Detector:								
4924.000	5.521	39.500	45.020	-28.980	74.000			
7386.000	13.254	38.250	51.504	-22.496	74.000			
9848.000	13.367	37.350	50.717	-23.283	74.000			
Average Detector:								

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- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	: Angelcare Baby Monitor							
Test Item	: Harmonic Radiated Emission Data							
Test Site	: No.3 OATS							
Test Mode	: Mode 2: Transmit (802.11g 6Mbps) (2412MHz)							
Frequency	Correct	Reading	Measurement	Margin	Limit			
	Factor	Level	Level					
MHz	dB	dBuV	dBuV/m	dB	dBuV/m			
Horizontal								
Peak Detector:								
4824.000	3.261	38.570	41.831	-32.169	74.000			
7236.000	10.650	38.090	48.740	-25.260	74.000			
9648.000	13.337	36.230	49.566	-24.434	74.000			
Average Detector:								
Vertical								
Peak Detector:								
4824.000	6.421	38.920	45.341	-28.659	74.000			
7236.000	11.495	42.170	53.665	-20.335	74.000			
9648.000	13.807	36.520	50.326	-23.674	74.000			
Average Detector:								

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	: Angelcare Baby Monitor								
Test Item	: Harmonic Radiated Emission Data								
Test Site	: No.3 OATS								
Test Mode	: Mode 2:	: Mode 2: Transmit (802.11g 6Mbps) (2437MHz)							
Frequency	Correct	Reading	Measurement	Margin	Limit				
	Factor	Level	Level						
MHz	dB	dBuV	dBuV/m	dB	dBuV/m				
Horizontal									
Peak Detector:									
4874.000	3.038	37.910	40.947	-33.053	74.000				
7311.000	11.795	37.560	49.354	-24.646	74.000				
9748.000	12.635	37.600	50.235	-23.765	74.000				
Average Detector:									
Peak Detector:									
4874.000	5.812	37.900	43.711	-30.289	74.000				
7311.000	12.630	40.280	52.909	-21.091	74.000				
9748.000	13.126	37.130	50.256	-23.744	74.000				
Average Detector:									

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	: Angelcare Baby Monitor					
Test Item	: Harmonic Radiated Emission Data					
Test Site	: No.3 OATS					
Test Mode	: Mode 2:	Transmit (802.11	g 6Mbps) (2462MHz	z)		
Frequency	Correct	Reading	Measurement	Margin	Limit	
	Factor	Level	Level			
MHz	dB	dBuV	dBuV/m	dB	dBuV/m	
Horizontal						
Peak Detector:						
4924.000	2.858	38.600	41.457	-32.543	74.000	
7386.000	12.127	36.520	48.648	-25.352	74.000	
9848.000	12.852	37.060	49.913	-24.087	74.000	
Average Detector:						
Vertical						
Peak Detector:						
4924.000	5.521	38.780	44.300	-29.700	74.000	
7386.000	13.254	38.970	52.224	-21.776	74.000	
9848.000	13.367	37.400	50.767	-23.233	74.000	
Average Detector:						

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Note:

Product	: Angelcare Baby Monitor					
Test Item	: Harmonic Radiated Emission Data					
Test Site	: No.3 OATS					
Test Mode	: Mode 3:	Transmit (802.11	n MCS0 7.2Mbps 20	M-BW)(2412MH	Hz)	
Frequency	Correct	Reading	Measurement	Margin	Limit	
	Factor	Level	Level			
MHz	dB	dBuV	dBuV/m	dB	dBuV/m	
Horizontal						
Peak Detector:						
4824.000	3.261	38.990	42.251	-31.749	74.000	
7236.000	10.650	37.540	48.190	-25.810	74.000	
9648.000	13.337	37.370	50.706	-23.294	74.000	
Average Detector:						
Vertical						
Peak Detector:						
4824.000	6.421	38.370	44.791	-29.209	74.000	
7236.000	11.495	37.360	48.855	-25.145	74.000	
9648.000	13.807	37.480	51.286	-22.714	74.000	
A mana an Data atom						

Average Detector:

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Angelcare Baby Monitor
Test Item	:	Harmonic Radiated Emission Data
Test Site	:	No.3 OATS
Test Mode	:	Mode 3: Transmit (802.11n MCS0 7.2Mbps 20M-BW) (2437MHz)

Frequency	Correct	Reading	Measurement	Margin	Limit
	Factor	Level	Level		
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector:					
4874.000	3.038	38.500	41.537	-32.463	74.000
7311.000	11.795	36.780	48.574	-25.426	74.000
9748.000	12.635	37.620	50.255	-23.745	74.000
Average Detector:					
Vertical					
Peak Detector:					
4874.000	5.812	38.120	43.931	-30.069	74.000
7311.000	12.630	38.820	51.449	-22.551	74.000
9748.000	13.126	37.710	50.836	-23.164	74.000
Avanaga Dataatan					

Average Detector:

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.

:	Angelcare Baby Monitor
:	Harmonic Radiated Emission Data
:	No.3 OATS
:	Mode 3: Transmit (802.11n MCS0 7.2Mbps 20M-BW) (2462 MHz)
	: :

Frequency	Correct	Reading	Measurement	Margin	Limit
	Factor	Level	Level		
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector:					
4924.000	2.858	38.330	41.187	-32.813	74.000
7386.000	12.127	36.600	48.728	-25.272	74.000
9848.000	12.852	37.490	50.343	-23.657	74.000
Average Detector:					
Vertical					
Peak Detector:					
4924.000	5.521	38.450	43.970	-30.030	74.000
7386.000	13.254	37.780	51.034	-22.966	74.000
9848.000	13.367	36.850	50.217	-23.783	74.000
Average Detector:					

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Angelcare Baby Monitor
Test Item	:	Harmonic Radiated Emission Data
Test Site	:	No.3 OATS
Test Mode	:	Mode 4: Transmit (802.11n MCS0 15Mbps 40M-BW)(2422MHz)

Frequency	Correct	Reading	Measurement	Margin	Limit
	Factor	Level	Level		
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector:					
4844.000	3.171	37.930	41.101	-32.899	74.000
7266.000	11.162	37.050	48.212	-25.788	74.000
9688.000	12.964	37.110	50.075	-23.925	74.000
Average Detector:					
Vertical					
Peak Detector:					
4844.000	6.178	37.800	43.978	-30.022	74.000
7266.000	11.982	37.930	49.912	-24.088	74.000
9688.000	13.507	37.910	51.418	-22.582	74.000

Average Detector:

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	: Angelcare Baby Monitor					
Test Item	: Harmonic Radiated Emission Data					
Test Site	: No.3 OATS					
Test Mode	: Mode 4:	Transmit (802.11	n MCS0 15Mbps 401	M-BW) (2437 M	Hz)	
Frequency	Correct	Reading	Measurement	Margin	Limit	
	Factor	Level	Level			
MHz	dB	dBuV	dBuV/m	dB	dBuV/m	
Horizontal						
Peak Detector:						
4874.000	3.038	38.020	41.057	-32.943	74.000	
7311.000	11.795	36.280	48.074	-25.926	74.000	
9748.000	12.635	36.850	49.485	-24.515	74.000	
Average Detector:						
Vertical						
Peak Detector:						
4874.000	5.812	38.450	44.261	-29.739	74.000	
7311.000	12.630	37.610	50.239	-23.761	74.000	
9748.000	13.126	37.470	50.596	-23.404	74.000	
Average Detector:						

Average Detector:

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.

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Product	: Angelcare Baby Monitor						
Test Item	: Harmonic Radiated Emission Data						
Test Site	: No.3 OATS						
Test Mode	: Mode 4: Transmit (802.11n MCS0 15Mbps 40M-BW)(2452 MHz)						
Frequency	Correct	Reading	Measurement	Margin	Limit		
	Factor	Level	Level				
MHz	dB	dBuV	dBuV/m	dB	dBuV/m		
Horizontal							
Peak Detector:							
4904.000	2.914	38.450	41.365	-32.635	74.000		
7356.000	11.995	36.660	48.654	-25.346	74.000		
9808.000	12.475	37.470	49.945	-24.055	74.000		
Average Detector:							
Vertical							
Peak Detector:							
4904.000	5.530	38.040	43.571	-30.429	74.000		
7356.000	13.005	36.250	49.254	-24.746	74.000		
9808.000	12.901	36.980	49.881	-24.119	74.000		
Average Detector:							

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product Test Item Test Site Test Mode	 Angelcare Baby Monitor General Radiated Emission Data No.3 OATS Mode 1: Transmit (802.11b 1Mbps)(2437 MHz) 					
Frequency	Correct	Reading	Measurement	Margin	Limit	
	Factor	Level	Level			
MHz	dB	dBuV	dBuV/m	dB	dBuV/m	
Horizontal						
200.649	-10.594	51.102	40.509	-2.991	43.500	
400.025	-2.276	42.575	40.299	-5.701	46.000	
526.640	1.817	31.281	33.098	-12.902	46.000	
606.180	4.666	30.222	34.888	-11.112	46.000	
714.820	3.562	31.659	35.221	-10.779	46.000	
800.000	5.143	37.657	42.800	-3.200	46.000	
Vertical						
101.780	-0.021	33.256	33.234	-10.266	43.500	
400.540	-5.156	48.286	43.131	-2.869	46.000	
518.880	-0.546	40.407	39.861	-6.139	46.000	
606.180	-1.594	34.113	32.519	-13.481	46.000	
716.760	-0.653	33.551	32.898	-13.102	46.000	
800.180	2.801	37.293	40.094	-5.906	46.000	

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.
- 8. No emission found between lowest internal used/generated frequency to 30MHz.

Product	: Angelcare Baby Monitor					
Test Item	: General Radiated Emission Data					
Test Site	: No.3 OATS					
Test Mode	: Mode 2:	Transmit (802.11	g 6Mbps)(2437 MHz	z)		
Frequency	Correct	Reading	Measurement	Margin	Limit	
	Factor	Level	Level			
MHz	dB	dBuV	dBuV/m	dB	dBuV/m	
Horizontal						
101.780	-7.141	39.357	32.216	-11.284	43.500	
400.000	-2.276	45.476	43.200	-2.800	46.000	
518.000	1.691	38.509	40.200	-5.800	46.000	
604.240	4.770	30.360	35.130	-10.870	46.000	
714.820	3.562	31.686	35.248	-10.752	46.000	
800.000	5.143	35.447	40.590	-5.410	46.000	
Vertical						
105.660	-0.253	32.098	31.845	-11.655	43.500	
400.540	-5.156	46.199	41.044	-4.956	46.000	
526.640	-0.423	34.462	34.039	-11.961	46.000	
687.660	2.444	32.138	34.582	-11.418	46.000	
800.180	2.801	36.132	38.933	-7.067	46.000	
965.080	7.932	23.575	31.507	-22.493	54.000	

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.
- 8. No emission found between lowest internal used/generated frequency to 30MHz.

Product Test Item Test Site Test Mode	 Angelcare Baby Monitor General Radiated Emission Data No.3 OATS Mode 3: Transmit (802.11n MCS0 7.2Mbps 20M-BW)(2437 MHz) 				
Frequency	Correct	Reading	Measurement	Margin	Limit
	Factor	Level	Level		
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
101.780	-7.141	38.072	30.931	-12.569	43.500
400.540	-2.276	45.044	42.768	-3.232	46.000
606.180	4.666	28.964	33.630	-12.370	46.000
716.760	3.537	29.846	33.383	-12.617	46.000
800.180	5.141	35.751	40.892	-5.108	46.000
887.480	6.204	25.289	31.493	-14.507	46.000
Vertical					
107.600	-0.318	30.978	30.660	-12.840	43.500
400.540	-5.156	45.037	39.882	-6.118	46.000
526.640	-0.423	33.471	33.048	-12.952	46.000
606.180	-1.594	34.523	32.929	-13.071	46.000
800.180	2.801	35.786	38.587	-7.413	46.000
967.020	8.071	23.744	31.815	-22.185	54.000

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.
- 8. No emission found between lowest internal used/generated frequency to 30MHz.

Product Test Item Test Site Test Mode	: General : No.3 O		n Data n MCS0 15Mbps 401	M-BW)(2437 MI	łz)
Frequency	Correct	Reading	Measurement	Margin	Limit
	Factor	Level	Level		
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
220.120	-10.520	41.231	30.711	-15.289	46.000
400.540	-2.276	45.077	42.801	-3.199	46.000
526.640	1.817	31.921	33.738	-12.262	46.000
606.180	4.666	30.331	34.997	-11.003	46.000
800.180	5.141	36.131	41.272	-4.728	46.000
881.660	6.307	25.346	31.653	-14.347	46.000
Vertical					
101.780	-0.021	31.632	31.610	-11.890	43.500
400.540	-5.156	44.122	38.967	-7.033	46.000
526.640	-0.423	34.738	34.315	-11.685	46.000
606.180	-1.594	33.087	31.493	-14.507	46.000
714.820	-0.948	34.414	33.466	-12.534	46.000
800.180	2.801	36.425	39.226	-6.774	46.000

Note:

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.
- 8. No emission found between lowest internal used/generated frequency to 30MHz.

5. **RF** antenna conducted test

5.1. Test Equipment

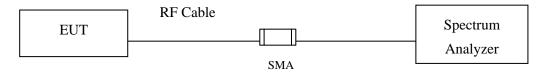
	Equipment	Manufacturer	Model No./Serial No.	Last Cal.
	Spectrum Analyzer	R&S	FSP40 / 100170	Jun, 2013
	Spectrum Analyzer	Agilent	E4407B / US39440758	Jun, 2013
Х	Spectrum Analyzer	Agilent	N9010A/MY48030495	Apr., 2013

Note: 1. All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

2. The test instruments marked with "X" are used to measure the final test results.

5.2. Test Setup

RF antenna Conducted Measurement:



5.3. Limits

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement. Attenuation below the general limits specified in Section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a) (see Section 15.205(c)).

5.4. Test Procedure

The EUT was tested according to DTS test procedure of KDB558074 for compliance to FCC 47CFR 15.247 requirements.

Set RBW = 100 kHz, Set VBW> RBW, scan up through 10th harmonic.

5.5. Uncertainty

The measurement uncertainty Conducted is defined as ± 1.27 dB

5.6. Test Result of RF antenna conducted test

Product	:	Angelcare Baby Monitor
Test Item	:	RF antenna conducted test
Test Site	:	No.3 OATS
Test Mode	:	Mode 1: Transmit (802.11b 1Mbps)

Channel 01 (2412MHz)

		er - Swept SA								
(XIRL Center	Frea 51	50 Ω AC 5.000000 MH	z		SE:INT		ALIGNAUTO	TRAC	AM Jul 25, 2013 E 1 2 3 4 5 6	Frequency
	•	I		Trig: Free #Atten: 30			Mkı	n 1 519.9	96 MHz	Auto Tune
10 dB/di Log 10.0 0.00		0.00 dBm						-56.1		Center Freq 515.000000 MHz
-20.0 -30.0 -40.0					1				-13.84 dBm	Start Freq 30.000000 MHz
-50.0 -60.0		NATA MARK BUTTON TO THE POST OF A STATE OF A							ng nati pané itéh da té dang. Agtan panang karing karing	Stop Fred 1.000000000 GHz
	0.0 MHz W 100 kH	lz ×	#VBV	₩ 300 kHz	EIN	CTION FUN			0000 GHz 0001 pts)	CF Step 97.000000 MHz Auto Mar
1 N 2 3 4 5 6 7 8			96 MHz	-50.01 dB						Freq Offsel
8 9 10 11 12 MSG							STATUS	6		

Agilent	Spectrur	n Ana	lyzer - Sw	ept SA													
(XIRL Cent	er Fre	RF	50 Ω		O GH	7		SEI	VSE:INT		Avg Ty		NAUTO g-Pwr	TR	ACE 1 2 3 4 5	5	Frequency
Cont		<u> </u>			PN	10: Fas Jo: Fas Jain:Lo	at⊊ w	Trig: Fre #Atten: 3				•	•	Т	DET P N N N N	+	
													Mk		11 5 GHz		Auto Tune
10 dB/ Log r	div	Ref	20.00	dBm				1	1					5	.30 dBm		
10.0 -		_) <u>1</u>									1	Center Freq
0.00 -		_										_				3.	000000000 GHz
-10.0				-											-13.84 dBn		
-20.0 -				-												1	Start Freq
-30.0 -																1.	000000000 GHz
-40.0 - -50.0 -																	
-60.0	مەر بىلىت ۋ	da	edenterio (essen	and the second day	Report		hall	a kashada basa aya aya	L	a data a t		in the	الم المراجع المراجع الم	and designed			Stop Freq
-70.0			part de la constant													5.	000000000 GHz
	4 000													01	5 000 011		
	1.000 BW 1					#\	vвw	300 kHz				Sw	еер 🕄		5.000 GHz 40001 pts		CF Step 00.000000 MHz
MKR M	DDE TRC	SCL		×				Y		FUNC	TION F				ION VALUE	Auto	
1 1 2	N 1	f		2	2.411 5	5 GHz	-	5.30 di	Зm								
3																	Freq Offset
5		_															0 Hz
6 7		_															
8 9																	
10 11																	
12																	
MSG													STATUS				

RL RF 50 Ω	2 AC	SENSE:INT	ALIGNAUTO	11:51:57 AM Jul 25, 2013	[
enter Freq 7.0000	00000 GHz		Avg Type: Log-Pwr	TRACE 1 2 3 4 5 6	Frequency
	PNO: Fast G	☐ Trig: Free Run #Atten: 30 dB		DET P N N N N	
	ii odinizon		Mk	r1 7.235 5 GHz	Auto Tun
0 dB/div Ref 20.00	dBm			-47.43 dBm	
og					
10.0					Center Fre
0.00					7.00000000 GI
0.0				-13.84 dBm	
0.0					Otort Fr
0.0					Start Fre
0.0			1		5.00000000 GH
0.0					
	printer and the second s	a belanan ostaat keel aa bambaan a	and the second	and a party shift down in the second state of the	Stop Fr
					9.000000000 G
0.0					
tart 5.000 GHz				Stop 9.000 GHz	
				Stop 5.000 GHZ	CECto
Res BW 100 kHz	#VBV	V 300 kHz	Sweep 🗧	384 ms (40001 pts)	
Res BW 100 kHz Kr mode tro sci	#VBV		Sweep 3	384 ms (40001 pts)	400.000000 M
KR MODE TRC SCL			-	384 ms (40001 pts)	400.000000 Mi
KR MODE TRC SCL	X	Y F	-	384 ms (40001 pts)	400.000000 Mł <u>Auto</u> Mi
KR MODE TRC SCL 1 N 1 f 2	X	Y F	-	384 ms (40001 pts)	400.000000 Mi <u>Auto</u> Mi Freq Offs
KR MODE TRC SQL 1 N 1 f 2 - - - 3 - - - 4 - - - 5 - - - 6 - - -	X	Y F	-	384 ms (40001 pts)	400.000000 Mi <u>Auto</u> M Freq Offs
KR MODE TRG SCL 1 N 1 f 2 - - - 3 - - - 4 - - - 5 - - - 6 - - -	X	Y F	-	384 ms (40001 pts)	400.000000 Mi <u>Auto</u> M Freq Offs
KF, MODE TRG SCL 1 N 1 f 2 3 - - 3 - - - 4 - - - 5 - - - 6 - - - 7 - - - 8 - - - 9 - - -	X	Y F	-	384 ms (40001 pts)	400.000000 Mi <u>Auto</u> Mi Freq Offs
KR MODE TRG SCL 1 N 1 f 2 - - - 3 - - - 4 - - - 5 - - - 6 - - - 7 - - - 9 - - - 0 - - -	X	Y F	-	384 ms (40001 pts)	400.000000 Mi <u>Auto</u> Mi Freq Offs
KF, MODE TRG SCL 1 N 1 f 2 3 - - 3 - - - 4 - - - 5 - - - 6 - - - 7 - - - 8 - - - 9 - - -	X	Y F	-	384 ms (40001 pts)	CF Ste 400.000000 Mi <u>Auto</u> Mi Freq Offs 0 I



	Spectr		alyzer - Sv											
<mark>⊯</mark> RL Cent	er Fr	RF 'ea '		2 AC 000000	GHz			ISE:INT	Avg		LIGNAUTO Log-Pwr	TRA	AM Jul 25, 2013 CE 1 2 3 4 5 6	Frequency
					PNO: Fast	Ţ	Trig: Free #Atten: 30					TY D	PE MWWWWW ET P N N N N N	
											Mkr	1 11.89	6 6 GHz	Auto Tune
10 dB Log r	/div	Ref	f 20.00	dBm				-				-51.	62 dBm	
10.0 -														Center Freq
0.00									_					11.000000000 GHz
-10.0													-13.84 dBm	
-20.0					_				_					Start Freq
-30.0 -														9.000000000 GHz
-40.0 -				-							1			
-50.0	and due	والعلوم	unger algebrach	In the second second	مرابع ومعالية المالية	et win en	terre de la facture	s and makes in	den an ailanta fe	de la	Pales and distance	Lauranteantea	ويستعاله ويتقا	Stop Freq
-60.0			and the second second								dia dhejot seren d bitangi			13.000000000 GHz
-70.0 -														
Start					40								8.000 GHz	CF Step
#Res					#V	BW 3	300 kHz				<u> </u>	· · ·	0001 pts)	400.000000 MHz Auto Man
1	ode tr N 1			× 11.89	6 6 GHz		-51.62 dE		JNCTION	FUNC	TION WIDTH	FUNCTIO	IN VALUE	Auto
2		-						_						Freq Offset
4		_												0 Hz
6								_						
8														
9 10														
11 12														
MSG											STATU	s		

	Analyzer - Swept SA						
	RF 50 Ω AC η 15.000000000	PNO: Fast 🔾	SENSE	Avg tun	ALIGNAUTO Type: Log-Pwr	11:53:09 AM Jul 25, 2013 TRACE 1 2 3 4 5 6 TYPE MWWWW DET P N N N N N	
10 dB/div R	tef 20.00 dBm	IFGain:Low	#Atten: 30 d	B	Mkr	1 16.886 9 GHz -47.46 dBm	Auto Tune
							Center Free 15.000000000 GH
-10.0						-13.84 dBm	Start Free
-30.0				to believe of the		1	13.000000000 GH
-60.0		a a construction of the second se					Stop Fre 17.000000000 GH
Start 13.000 #Res BW 10	0 kHz	#VBW	/ 300 kHz	FUNCTION	Sweep	Stop 17.000 GHz 384 ms (40001 pts) FUNCTION VALUE	CF Ste 400.000000 MH Auto Ma
		86 9 GHz	-47.46 dBm				Freq Offse
7 8 9 10 11 12							
MSG		1			STATUS	3	



	Spectru		alyzer - Swe	ept SA								
(XIRL Cent	er Fr	RF ea '		AC 100000 G	iHz	SE	NSE:INT	Avg Ty	ALIGNAUTO pe: Log-Pwr	TRA	AM Jul 25, 2013	Frequency
				Р	NO: Fast Gain:Low	Trig: Fre #Atten: 3				D		Auto Tune
10 dB. Log r	/div	Ref	f 20.00 c	Bm							9 4 GHz 46 dBm	
10.0						_						Center Freq
0.00 -												19.00000000 GHz
-10.0		-						-			-13.84 dBm	
-20.0												Start Freq
-40.0								_			♦ ¹	17.000000000 GHz
-50.0	latert pole National	an Indian		la segle en gran de la la la 1 de segle en selement			- Louispread	and a line of the second s				2 4
-60.0 -												Stop Freq 21.00000000 GHz
-70.0												
Start #Res					#VE	3W 300 kHz	2		Sweep		.000 GHz 0001 pts)	CF Step 400.000000 MHz
	DDE TRI	C SCL		× 20.619	4 CH2	Y -44,46 d		JNCTION F	UNCTION WIDTH	FUNCTIO	IN VALUE	<u>Auto</u> Man
2				20.019	4 9 12	-44.40 u	DIII					Ener Offerst
4	_											Freq Offset 0 Hz
6	_											
8												
10 11												
12 MSG									STATU	1		
									SIAID	-		

Agilent Spo	ectrum An	n <mark>alyzer - Sw</mark> = 50 Ω									
			000000 G	GHZ NO: Fast ⊂ Gain:Low			Аvg Тур	alignauto e: Log-Pwr	TRAC	AM Jul 25, 2013 CE 1 2 3 4 5 6 PE MWWWWW ET P N N N N N	Frequency
10 dB/di	v Re	f 20.00	dBm					Mkr		7 1 GHz 21 dBm	Auto Tune
10.0											Center Free 23.00000000 GH
-10.0										-13.84 dBm	
-30.0							1-				Start Free 21.000000000 GH
-50.0	anta y La Proposal April y La Proposal	tente nel techter Generation				the second s		and a second particular	h da haran da mana		
-60.0											Stop Fre 25.000000000 G⊢
Start 2′ #Res B				#VBI	W 300 kHz	! !		Sweep (.000 GHz 0001 pts)	CF Ste 400.000000 M⊦
	e tro so 1 f		× 23.617	1 GHz	ү -41.21 d		NCTION FU	NCTION WIDTH	FUNCTIO	IN VALUE	<u>Auto</u> Ma
2 3 4 5											Freq Offse 0 H
6 7 8 9											
10 11 12											
ISG								STATUS	5		



Channel 06 (2437MHz)

RL BE 50	wept SA Ω AC	SENSE:INT	ALIGNAUTO	11:57:09 AM Jul 25, 2013	
nter Freq 515.00			Avg Type: Log-Pwr	TRACE 1 2 3 4 5 6	Frequency
	PNO: Fast C IFGain:Low	Trig: Free Run #Atten: 30 dB		TYPE MWWWWW DET PNNNNN	
dB/div Ref 20.00) dBm		Mkr	1 800.035 MHz -52.26 dBm	Auto Tur
9					Center Fre
0					515.000000 M
0				-14.09 dBm	
0					Start Fr
					30.000000 M
				,1	
		in a data a la tra francia da		the second s	Stop Fr
0					1.000000000 G
art 30.0 MHz			9	Stop 1.0000 GHz	CF St
es BW 100 kHz	#VB	N 300 kHz	Sweep 9	3.3 ms (40001 pts)	97.000000 M Auto M
N 1 f	800.035 MHz	-52.26 dBm	FONCTION WOTH	FONCTION VALUE	
					Freq Offs
					0
					0
					0
					0

Agilent Spectrum Analyzer - Sw					
X RL RF 50 Ω Center Freq 3.00000		SENSE:INT	ALIGNAUTO Avg Type: Log-Pwr	11:57:44 AM Jul 25, 2013 TRACE 1 2 3 4 5 6	Frequency
	PNO: Fast 🕞 IFGain:Low	Trig: Free Run #Atten: 30 dB		TYPE MWWWWW DET P N N N N N	• -
10 dB/div Ref 20.00	dBm		Mk	r1 2.435 5 GHz 4.81 dBm	Auto Tune
10.0	1				Center Fred
0.00					3.00000000 GH
-10.0				-14.09 dBm	
-30.0					Start Fre 1.000000000 GH
-40.0					1.00000000000
-50.0		a the development of the second state bar	and the second		Stop Fre
-70.0					5.000000000 GH
Start 1.000 GHz #Res BW 100 kHz	#VBW	300 kHz	Sweep 3	Stop 5.000 GHz 384 ms (40001 pts)	CF Ste 400.000000 MH
MKR MODE TRC SCL	×		NCTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Ma
1 N 1 f 2 3	2.435 5 GHz	4.81 dBm			
4 5					Freq Offse 0 H
6 7					
8					
10 11 12					
ISG			STATUS		

	rum Analyzer - Sw									
(XIRL Contor F	RF 50 ଜ req 7.0000			SEN	SE:INT		ALIGNAUTO : Log-Pwr		AM Jul 25, 2013 E 1 2 3 4 5 6	Frequency
Centerr	req 7.0000	PNO	:): Fast 😱 in:Low	Trig: Free #Atten: 30				TYF		
10 dB/div	Ref 20.00	dBm					Mk		00 GHz 68 dBm	Auto Tune
Log 10.0 0.00										Center Freq 7.000000000 GHz
-20.0 -30.0 -40.0					1				-14.09 dBm	Start Freq 5.00000000 GHz
-50.0 -60.0 -70.0			Type (1) ^{the f} irst ^f irst _{sec} on the first sec		ed file a Dansin sin <mark>a</mark> l an	al și Broligenes II. și și			antal es a véry que a la de gran enconstruction de provincia de p	Stop Freq 9.000000000 GHz
Start 5.00 #Res BW	100 kHz	· · ·	#VBW	300 kHz				384 ms (4	.000 GHz 0001 pts)	CF Step 400.000000 MHz Auto Man
MRR MODE T 1 N 1 2 3 - 3 - - 4 - - 6 - - 7 - - 8 - - 9 - - 10 - - 11 - -		× 7.310.0 (GHZ	49.68 dB				FUNCTIO		Freq Offset 0 Hz
MSG							STATUS			

RL RF	r - Swept SA 50 Ω AC	SENSE:INT	ALIGNAUTO	11:58:55 AM Jul 25, 2013	
enter Freq 11.0	00000000 GHz PN0: Fast	Trig: Free Run	Avg Type: Log-Pwr	TRACE 1 2 3 4 5 6 TYPE MWWWWW DET P N N N N N	Frequency
	IFGain:Low	#Atten: 30 dB	Mkr	1 12.782 0 GHz -51.82 dBm	Auto Tun
0.00 10.0				-14.09 dBm	Center Fre 11.000000000 GH
20.0				1	Start Fre 9.000000000 GF
50.0 60.0 70.0			Legis Francisco and Charles an	a fa fa fa sta anna a tha an da ann an fa sta an da sta an tha sta anna anna An an anna anna anna anna an	Stop Fr 13.000000000 G
tart 9.000 GHz Res BW 100 kHz		300 kHz	•	Stop 13.000 GHz 384 ms (40001 pts)	CF Ste 400.000000 M Auto M
IKR MODE TRC SCL 1 N 1 f 2	× 12.782 0 GHz	-51.82 dBm	JNCTION FUNCTION WIDTH	FUNCTION VALUE	Auto M
3 4 5 6					Freq Offs 01
7 8 9 10					
11					

	rum Analyzer -								
Center F		0000000 G			SE:INT	ALIGNAUTO E: Log-Pwr	TRAC	AM Jul 25, 2013 E 1 2 3 4 5 6 E M WWWWWW	Frequency
10 dB/div	Ref 20.0	IF	'NO: Fast G Gain:Low	Trig: Free #Atten: 30		Mkr	[™] 1 16.922	2 0 GHz 76 dBm	Auto Tune
								-14.09 dBm	Center Freq 15.00000000 GHz
-20.0 -30.0 -40.0								-14.09 dbm	Start Freq 13.00000000 GHz
-50.0 -60.0	a second second second second						a Mineral Spine Letterares		Stop Freq 17.000000000 GHz
Start 13.0 #Res BW	100 kHz		#VB\	W 300 kHz			384 ms (4	.000 GHz 0001 pts)	CF Step 400.000000 MHz Auto Man
2 3 4 5 6 7 8 9 10 11	FC SCL 1 f - - - - - - - - - - - - - - - - - - - - - - - - - - - -	× 16.922	0 GHz	-47.76 dB			FUNCTIO	N VALUE	<u>Auto</u> мал Freq Offset 0 Hz
12 MSG						STATUS	3		

Agilent Spectr	<mark>um Analyzer - Swept SA</mark> RF 50 Ω AC		SENSE:IN	T 1	ALIGNAUTO	12:00:001	PM Jul 25, 2013	Γ
	req 19.000000		1	Avg Typ	e: Log-Pwr	TRAC	E 1 2 3 4 5 6 E MWWWWW T P N N N N N	Frequency
10 dB/div	Ref 20.00 dBm				Mkr	1 20.915 -44.2	5 1 GHz 24 dBm	Auto Tune
10.0								Center Free
-10.0							-14.09 dBm	19.00000000 GH
-20.0								Start Free 17.000000000 GH
-50.0 1000 100		e bijde og generatig for af de state for weide begede generatie a. na se de state for state de	ng jagt kjen spile by ng kantany k ng pana basi sa pan kina suga sa k					Stop Fre
-70.0	00 CHz					Stop 21	.000 GHz	21.000000000 GH
#Res BW	100 kHz	#VBW	300 kHz	FUNCTION FU	Sweep 3		0001 pts)	CF Ste 400.000000 MH <u>Auto</u> Ma
1 N 1 2 3 4 4		20.915 1 GHz	-44.24 dBm					Freq Offse
5 6 7 8								
9 10 11 12								
MSG					STATUS	;		

		ectrur		alyzer -															
Cen		Fre	RF	23.00	50 Ω)////	AC NON	00 6	Hz		SEI	VSE:I	NT	Avg		ALIGNAUTO	12:		PM Jul 25, 2013 E 1 2 3 4 5 6	
0011			· P ·	20.00			Р		ist Ģ ow	Trig: Fre #Atten: 3			-		-		TYI Di		
10 dE	Didio		Dof	f 20.0	0 d	Bm									Mkı			9 7 GHz 75 dBm	
Log			Rei	20.0	<u>, o u</u>	DIII													
10.0											1								Center Freq
0.00 -10.0																			23.000000000 GHz
-20.0																		-14.09 dBm	
-30.0																			Start Freq
-40.0														1					21.000000000 GHz
-50.0	and the state	() og klov	a.l.		han	nansilan	61 - Lata	بملاسلته	د. د روسه د قائم	Latencessian			and an	hiturija Aagetas	inden _{en la} policie	dan sa	dian.	na da ang kana kang kang kang kang kang kang	
-60.0		and the		Provide state	. 100 Line	appendiente.			and the second										Stop Freq
-70.0								ļ											25.00000000 GHz
Star #Re:								#	VBW	300 kHz					Sweep			.000 GHz 0001 pts)	
MKR						×			ļ	Y		FUNC	TION	FUN	CTION WIDTH	FL	INCTIC	IN VALUE	<u>Auto</u> Man
1	Ν	1	f			2	3.619	7 GHz	z	-41.75 dE	3m								
3																			Freq Offset
5																			0 Hz
7																			
8 9									-										
10 11																			
12																			
MSG															STATU	s			

Channel 11 (2462MHz)

	RF	50 Ω AC		SEN	SE:INT		ALIGN AUTO		PM Jul 25, 2013	E
enter F	req 515.0	00000 MH	z	Trig: Free	Dun	Avg Type	: Log-Pwr	TRAC	2E123456 PEMWWWWWW	Frequency
			PNO:Fast ⊂ Gain:Low	₽ Ing: Free #Atten: 30						
			ounicon				Mk	1 520 0	20 MHz	Auto Tu
							IVINI		55 dBm	
) dB/div	Ref 20.0	JU dBm				1	1	-40.4		
0.0										Center Fr
.00										515.000000 M
										515.000000
0.0									-13.45 dBm	
0.0										Start Fr
0.0					-				 	30.000000 N
0.0					<u>1</u>					30.000000 1
0.0					/					
	Linear scale states state	ويلوقا فقاعه ويروي المتابعات	. I sensieleiseen	الليبول ويتبس سيمين	1 Anna and a state of the	والمراجع والمتركب والمراجع	أفلسا ومراجعه المرو	وستعليا سينتج بالتعريق	al construction in the second	Stop Fr
0.0			1	and the second s	and a second optimized		Construction of the second	half grown days and so here		1.000000000 G
0.0										
tart 30.	0 MHz							Stop 1 (0000 GHz	
	/ 100 kHz		#VBI	W 300 kHz			Sween 9		0001 pts)	CF St
							· ·			97.000000 N Auto N
	TRC SCL	×	20 MHz	-48.55 dB	FUNC	TION FUN	ICTION WIDTH	FUNCTIO	IN VALUE	<u>Auto</u>
	1 f			40.00 00						
1 N 2	1 f	520.02								
1 N 2 3	1 f	520.02								Frequis
1 N 2 3 4	1 f	020.02								
1 N 2 3 4 5 6	1 f	020.02								
2 3 4 5 6 7	1 f	020.02								
1 N 2 3 4 5 5 5 7 8 9	1 f	020.02								
1 N 2 3 4 5 6 7 8 9 0	1 f									Freq Offs 0
1 N 2 3 3 5 5 6 7 8 9										

Agilent Spectrum Analyzer - S					
Center Freq 3.0000		SENSE:INT	ALIGN AUTC Avg Type: Log-Pwi	TRACE 1 2 3 4 5 6	Frequency
	PNO: Fast ⊊ IFGain:Low	⊖ਂ Trig: Free Run #Atten: 30 dB	N	TYPE NNNNN DET NNNNN Ikr1 2.463 0 GHz 6.09 dBm	Auto Tune
10 dB/div Ref 20.00	dBm			-1345 dBm	Center Freq 3.000000000 GHz
-20.0					Start Freq 1.000000000 GHz
-60.0 -60.0 -70.0			ning tanàn amin'ny fisiana amin'ny fisiana amin'ny fisiana amin'ny fisiana amin'ny fisiana amin'ny fisiana amin Ny fisiana amin'ny fisiana amin'ny fisiana amin'ny fisiana amin'ny fisiana amin'ny fisiana amin'ny fisiana amin'		Stop Freq 5.00000000 GHz
Start 1.000 GHz #Res BW 100 kHz	#VBV	V 300 kHz	Sweep	Stop 5.000 GHz 384 ms (40001 pts)	CF Step 400.000000 MHz Auto Man
Image Note Image Stress 1 N 1 f 2 3 - - 3 - - - 4 - - - 5 - - - 6 - - - 7 - - - 9 - - - 10 - - - 12 - - -	2.463 0 GHz	6.09 dBm			Freq Offset 0 Hz
MSG			STAT	us	l

Agilent Spectrum Analyzer - Sv					
RE RE 503		SENSE:INT	ALIGNAUTO Avg Type: Log-Pwr	01:01:33 PM Jul 25, 2013 TRACE 1 2 3 4 5 6	Frequency
	PNO: Fast G IFGain:Low	┘ Trig: Free Run #Atten: 30 dB	Mk		Auto Tune
10 dB/div Ref 20.00	dBm	1	1	-49.30 dBm	
10.0				-13.45 dBm	Center Free 7.000000000 GH
-20.0			1	-1343 0001	Start Fre 5.00000000 GH
70.0					Stop Fre 9.000000000 GH
Start 5.000 GHz #Res BW 100 kHz		/ 300 kHz	•	Stop 9.000 GHz 384 ms (40001 pts)	CF Ste 400.000000 MH
MKR MODE TRC SCL 1 N 1 f 2	× 7.387 5 GHz	49.30 dBm	NCTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Ma
2 3 4 5 6					Freq Offse 0 H
7 8 9 10					
11					

	Analyzer - Swept SA													
	RF 50Ω AC	GHz PN0: Fast G	1	BUR		ALIGN AUTO : Log-Pwr	TRAC	PM Jul 25, 2013 E 1 2 3 4 5 6 PE MWWWWW	Frequency					
	IFGain:Low #Atten: 30 dB Deri ^p NNNN Mkr1 12.896 1 GHz طB/div Ref 20.00 dBm -51.98 dBm													
10.0	tef 20.00 dBm						-51.3		Center Freq 11.00000000 GHz					
-10.0 -20.0 -30.0 -40.0								-13:45 dBm	Start Freq 9.000000000 GHz					
-50.0 -60.0 -70.0		an tea a la transformation a single a la transformation de la transform		and a second state of the					Stop Freq 13.00000000 GHz					
Start 9.000 C #Res BW 10	0 kHz	#VBW	/ 300 kHz	FUNC		Sweep 3		.000 GHz 0001 pts) NVALUE	CF Step 400.000000 MHz <u>Auto</u> Man					
2 3 4 5 6	f 12.89	96 1 GHz	-51.98 dB	m					Freq Offset 0 Hz					
7 8 9 10 11 12														
MSG						STATUS								

URL RF	lyzer - Swept SA 50 Ω AC		SENSE:II	T	ALIGNAUTO	01:02:44 P	M Jul 25, 2013	
	5.000000000	GHz PNO: Fast		Avg Ty	e: Log-Pwr	TRACE	123456 M WWWWW	Frequency
10 dB/div Ref		FGain:Low	#Atten: 30 dB		Mkr	1 14.834	6 GHz 5 dBm	Auto Tun
-og 10.0 0.00 10.0							-13.45 dBm	Center Fre 15.00000000 GF
20.0			1					Start Fre 13.00000000 Gi
50.0 60.0 <mark>1999 (1999) </mark>		in an internet produced and find				y (Stop Fr 17.00000000 G
tart 13.000 G Res BW 100 H		#VB\	V 300 kHz	FUNCTION FI	<u> </u>	Stop 17. 84 ms (40 EUNCION	001 pts)	CF Ste 400.000000 MI Auto M
1 N 1 f		4 6 GHz	-46.95 dBm			PONCHON	VALUE	Freq Offs
2 3 3 4 5 6 7 8 9								01

	Spect		alyzer - S														
Cent	er F	RF req		ιΩ / 0000	<u> </u>	Hz		1	ENSE:INT		Avg T		LIGNAUTO	01:0	TRACE	1 Jul 25, 2013 1 2 3 4 5 6	Frequency
	Pro: Fast 2 #Atten: 30 dB 000 BM 20.906 8 GHz HB/div Ref 20.00 dBm -44.41 dBm													8 GHz	Auto Tune		
10.00 - -10.0 -			1 20.0													-13.45 dBm	Center Freq 19.00000000 GHz
-20.0 - -30.0 - -40.0 -																10.40 dbii	Start Freq 17.00000000 GHz
-50.0 -60.0 - -70.0 -		deschitte.	na lan da kanal									an a fa					Stop Freq 21.00000000 GHz
Start #Res	BW	100 10 50	kHz		×		/BW	300 kH		FUNC	TION		Sweep	384 m			CF Step 400.000000 MHz <u>Auto</u> Man
2 3 4 5 6 7	N 1	f			20.906	8 GHZ		-44.41 d	Bm								Freq Offset 0 Hz
7 8 9 10 11 12																	
MSG													STATU	S			, <u> </u>

Agilent Spectrum Analyzer - Sw					
	AC 000000 GHz	SENSE:INT	ALIGN AUTO Avg Type: Log-Pwr	01:03:55 PM Jul 25, 2013 TRACE 1 2 3 4 5 6	Frequency
	PNO: Fast G	┘ Trig: Free Run #Atten: 30 dB	Miles		Auto Tune
10 dB/div Ref 20.00	dBm			-42.33 dBm	
10.0					Center Freq
-10.0				-13.45 dBm	23.00000000 GHz
-20.0					Start Fred
-30.0			♦ ¹		21.000000000 GHz
-50.0					Stop Freq
-60.0					25.000000000 GHz
Start 21.000 GHz #Res BW 100 kHz	#VBW	300 kHz	Sweep 3	Stop 25.000 GHz 84 ms (40001 pts)	CF Step 400.000000 MH
MKR MODE TRC SCL	× 23.696 1 GHz	Y FL -42.33 dBm	NCTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Mar
2 3 4 5					Freq Offse 0 Hz
6 7 8					
9 10 11					
12					
MSG			STATUS		

Product	:	Angelcare Baby Monitor
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	No.3 OATS
Test Mode	:	Mode 2: Transmit (802.11g 6Mbps)

Channel 01 (2412MHz)

Agilent Spectrum Analyzer -					
Center Freq 515.0		SENSE:INT	ALIGN AUTO Avg Type: Log-Pwr	01:07:25 PM Jul 25, 2013 TRACE 1 2 3 4 5 6 TYPE MWWWWW	Frequency
10 dB/div Ref 20.00	PNO: Fast C IFGain:Low	Trig: Free Run #Atten: 30 dB	Mk	r1 526.131 MHz -31.08 dBm	Auto Tune
10.0 0.00 -10.0					Center Fre 515.000000 MH
-20.0		↓ ↓ ↓		-19.99 dBm	Start Fre 30.000000 MH
-50.0 -60.0 -70.0		ula dinakti (hata			Stop Fre 1.000000000 G⊦
Start 30.0 MHz #Res BW 100 kHz MKR MODE TRC SOL	#VB	W 300 kHz	Sweep 9	Stop 1.0000 GHz 3.3 ms (40001 pts) FUNCTION VALUE	CF Ste 97.000000 MH Auto Ma
1 N 1 f 2 - - - 3 - - - 4 - - - 5 - - - 6 - - - -	526.131 MHz	-31.08 dBm			Freq Offse 0 ⊦
7 8 9 10 11 12					
ISG			STATUS	3	L

Page : 52 of 133

enter Freq 3	alyzer - Swept SA 50 Ω AC 3.0000000000	PNO: Fas		SENS Trig: Free #Atten: 30		Avg Typ	ALIGNAUTO e: Log-Pwr	TRAC	PM Jul 25, 2013 12 3 4 5 6 PE MWWWWW T P N N N N N	Frequency	
0 dB/div Ref	Mkr1 2.414 3 GHz										
9 0.0 .00		(↓ 1							Center Fr 3.000000000 G	
.0									-19.99 dBm	Start Fr 1.000000000 G	
.0 .0 .0									, a latin kan katalan tu Mana kan kan kan kan kan kan Mana kan kan kan kan kan kan	Stop Fr 5.000000000 G	
		#	VBW	300 kHz			Sweep	384 ms (4	.000 GHz 0001 pts)	CF Ste 400.000000 Mi	
art 1.000 GH Res BW 100 I I M003 HR SEL N 1 f 2	kHz ×	# 2.414 3 GHz		300 kHz -0.53 dB			Sweep	384 ms (4	0001 pts)		

RL	RF	50 Ω	AC		SE	NSE:INT		ALIGN AUTO	01:08:37	PM Jul 25, 2013	
enter l	Freq 7.	00000	0000 GH	lz	Trig: Fre	- D.m	Avg Ty	pe: Log-Pwr	TRAC	E123456 EMWWWWW	Frequency
			P	NO:Fast ⊂ Gain:Low	Atten: 3					PNNNNN	
							3 GHz	Auto Tui			
) dB/div	Bof	20.00 d	Bm							47 dBm	
og	Rei	20.00 u	DIII	1							
0.0											Center Fr
											7.000000000 G
0.0											1.00000000000
										-19.99 dBm	
0.0											Start Fr
0.0											5.00000000 0
0.0						1					
0.0		1 1				•					
	an property in the barreline	and an end of the second second	and for the logic set of the second	n a sa s		a brade a bran	in Head and a second	land and a facilitation of the	and and a strength	nalistic dage on opticity	Stop Fr
0.0											9.000000000
0.0											
tart 5.0	00 GHz								Stop 9	.000 GHz	05.01
Res BW	V 100 k	Hz		#VB	N 300 kHz			Sweep 🔅	384 ms (4	0001 pts)	CF St 400.000000 M
KR MODE	TRC SCI I		×		Y	FUN	CTION F	UNCTION WIDTH	FUNCTIO	N VALLIE	Auto N
1 N	1 f			3 GHz	-50.47 di						
2											
4											Freq Offs
5											0
6											
8											
9											
0											
0											

Agilent Spectrum An												
Center Freq	11.000000000		SENSE:INT		ALIGN AUTO : Log-Pwr	TRACE	M Jul 25, 2013	Frequency				
10 dB/div Re	IFGain:Low #Atten: 30 dB Det PNNNN Mkr1 12.894 6 GHz											
								Center Freq 11.000000000 GHz				
-20.0 -30.0 -40.0							-19.99 dBm	Start Freq 9.000000000 GHz				
-60.0						are established the second second	1	Stop Freq 13.00000000 GHz				
Start 9.000 Gi #Res BW 100	kHz ×	#VBW 3	Y F	UNCTION FUN		Stop 13. 84 ms (40	001 pts)	CF Step 400.000000 MHz <u>Auto</u> Man				
2 3 4 5 6 7			51.70 dBm					Freq Offset 0 Hz				
8 9 10 11 12 MSG					STATUS							

Agilent Spectrum Analyzer - Sw					
RE RF 50 Ω Center Freq 15.000		SENSE:INT	ALIGNAUTO Avg Type: Log-Pwr	01:09:48 PM Jul 25, 2013 TRACE 1 2 3 4 5 6	Frequency
	PNO: Fast IFGain:Low	➡ Trig: Free Run #Atten: 30 dB	Mkr	TYPE NUMBER P NNNNN DET P NNNNN 1 16.819 5 GHz	Auto Tune
10 dB/div Ref 20.00 (dBm			-47.22 dBm	
0.00					Center Freq 15.000000000 GHz
-10.0				-19.99 dBm	Start Freq
-30.0				▲1_	13.000000000 GHz
-50.0			1999 - Barnes Barnes I. (1997 - 199		Stop Freq
-70.0					17.000000000 GHz
Start 13.000 GHz #Res BW 100 kHz	#VB	W 300 kHz	Sweep 🗧	Stop 17.000 GHz 384 ms (40001 pts)	CF Step 400.000000 MHz
MKR MODE TRC SOL	× 16.819 5 GHz	47.22 dBm	FUNCTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Man
2 3 4 5					Freq Offset 0 Hz
6 7 8					
9 10 11					
12					



Agilent Spect	trum Analyzer - Swe	pt SA										
Center F	RF 50 Ω Freq 19.0000		SENSE:INT	Avg Type: I	og-Pwr TRA	PM Jul 25, 2013 CE 1 2 3 4 5 6 PE MWWWWW DET P N N N N N	Frequency					
10 dB(diu	Mkr1 20.681 8 GHz dB/div Ref 20.00 dBm -44.31 dBm											
10.0 0.00							Center Freq 19.00000000 GHz					
-10.0 -20.0 -30.0 -40.0						-19.99 dBm	Start Freq 17.000000000 GHz					
-50.0 -60.0 -70.0							Stop Freq 21.00000000 GHz					
Start 17. #Res BW	100 kHz	#VE	SW 300 kHz		weep 384 ms (4	<u> </u>	CF Step 400.000000 MHz <u>Auto</u> Man					
1 N 2 3 4 5 6	1 f	20.681 8 GHz	-44.31 dBm				Freq Offset 0 Hz					
7 8 9 10 11 12												
MSG					STATUS							

RL BE 50 S	rept SΛ 2 AC	SENSE:INT	ALIGN AUTO	01:10:59 PM Jul 25, 2013	[
enter Freq 23.000			Avg Type: Log-Pwr	TRACE 123456 TYPE MWWWWW	Frequency
0 dB/div Ref 20.00	IFGain:Low	#Atten: 30 dB	Mkr	DET P NNNN 1 24.232 3 GHz -42.22 dBm	Auto Tune
• • • • • • • • • • • • • • • • • • •					Center Fre 23.000000000 GH
20.0				-19.99 dBm	Start Fre 21.000000000 GH
50.0 70.0					Stop Fre 25.000000000 G⊦
Start 21.000 GHz Res BW 100 kHz	#VB1	N 300 kHz	Sweep 3	Stop 25.000 GHz 84 ms (40001 pts) FUNCTION VALUE	CF Ste 400.000000 MH Auto Ma
N 1 f 2 - - 3 - - 4 - - 5 - - 6 - - 7 - 8	24.232 3 GHz	-42.22 dBm			Freq Offse
9 0 0 1 2 0					



Channel 06 (2437MHz)

			nalyzer																
Cent			₅ 515.	50 Ω 000		MHz	2	Tria	SEN I: Free	VSE:I		Avg		ALIGNAUTO :: Log-Pwr		TRAC	PM Jul 25, 2013 E 1 2 3 4 5 (PE M WARNAM	6	Frequency
10 dE	2/div	P	ef 20.	00 d	Bm		NO: Fa: Gain:Lo		en: 30					Mk		DE 6.0	58 MHz 99 dBm		Auto Tune
10.00 0.00																			Center Freq 515.000000 MHz
-20.0 -30.0 -40.0																	-19.68 dBm		Start Freq 30.000000 MHz
-50.0 -60.0 -70.0	u të metro de	ania (Hote Internetionalistic				N Legiter M							iper tij te daren						Stop Freq 1.00000000 GHz
	s BW	100 RC 50) kHz		×	0.050		300 Y			FUNI	CTION		Sweep (03.3 ms	s (4	0000 GHz 0001 ptsj NVALUE)	CF Step 97.000000 MHz <u>Auto</u> Man
2 3 4 5 6 7 8	N	1 f			520	6.058	3 MHz	-31.	99 dE	<u>sm</u>									Freq Offset 0 Hz
9 10 11 12 ^{MSG}														STATU	5				

	trum Analyzer -									
🕅 RL Center F		οΩ AC 10000000 GHz	•	SENSE	EINT		ALIGNAUTO E: Log-Pwr		PM Jul 25, 2013	Frequency
		PNC IFGa): Fast 😱 in:Low	Trig: Free F #Atten: 30 c				r1 2.434	4 5 GHz	Auto Tune
10 dB/div Log 10.0 0.00	Ref 20.0		1							Center Fre 3.000000000 GH
-20.0									-19.68 dBm	Start Fre 1.000000000 GH
-50.0 -60.0 -70.0									an an an an Araba an Araba an Araba An an Araba an Araba an Araba an Araba An Araba an Araba	Stop Fre 5.000000000 GH
MKR MODE 1	/ 100 kHz RC SCL	×		300 kHz	FUNC	TION FUI	Sweep (.000 GHz 0001 pts) NVALUE	CF Ste 400.000000 MH <u>Auto</u> Ma
1 N 2 3 4 5 6	1 f	2.434 5	GHz	-0.10 dBn						Freq Offse 0 H
7 8 9 10 11										
12 //SG			1				STATUS	5		

Agilent Spectrum Analyzer - Sw	vept SA											
Center Freq 7.0000	2 AC 00000 GHz	SENSE:INT	ALIGNAUTO Avg Type: Log-Pwr	01:16:57 PM Jul 25, 2013 TRACE 1 2 3 4 5 6 TYPE MWWWWW	Frequency							
	IFGain:Low #Atten: 30 dB Det PNNNN Mkr1 7.305 6 GHz											
Log 10.0 0.00	dBm			-50.59 GBM	Center Freq 7.00000000 GHz							
-10.0 -20.0 -30.0 -40.0		1		-19.68 dBm	Start Freq 5.00000000 GHz							
-60.0				A schweizer ferenkenen in der Gesternen sind an der sinder sinder sinder sinder sinder sinder sinder sinder sin An andere sinder sind	Stop Freq 9.000000000 GHz							
Start 5.000 GHz #Res BW 100 kHz	#VBW 3		Sweep (Stop 9.000 GHz 384 ms (40001 pts) FUNCTION VALUE	CF Step 400.000000 MHz <u>Auto</u> Man							
2					Freq Offset 0 Hz							
7 8 9 - 10 - 11 - 12 -												
MSG			STATUS									

Agnent Spo LXI RL	ectru	RF	l <mark>lyzer - Sw</mark> e 50 Ω				C C	VSE:INT		ALIGNAUTO	01:17:22	2 PM Jul 25, 2013	
	Fre		1.0000		PNO: F	ast 😱	Trig: Free #Atten: 3	e Run	Avg 1	Avg Type: Log-Pwr		CE 1 2 3 4 5 6 PE MWWWWW DET P N N N N N	Frequency
10 dB/di	v	Ref	20.00 c	1Bm	IFGain:	Low	#Atten: 3	0 a D		Mk	r1 10.10	5 0 GHz 67 dBm	Auto Tune
10.0 0.00													Center Fred 11.000000000 GHz
-20.0					 							-19.68 dBm	Start Free 9.000000000 GH:
-50.0 -60.0	entre filet (* 1996 - State (* 1996)		and a second								iyan tengi mintekter pingi tengi man dan dan dan dan dan dan dan dan dan d	te konstruktion televiset og som televiset og som	Stop Free 13.000000000 GH
Start 9. #Res B	W 1	00		×			300 kHz	FU	NCTION	Sweep	384 ms (4	3.000 GHz 10001 pts) 0NWALUE	CF Ste 400.000000 MH <u>Auto</u> Ma
1 N 2 3 4 5 6 7	1			10.1	05 0 GI	12	-51.67 dl	3m					Freq Offse 0 H
7 8 9 10 11 12													
										STAT			L

	ım Analyzer - Swe	pt SA								
Center Fr	RF 50 Ω eq 15.0000	AC 00000 G	Hz				ALIGNAUTO : Log-Pwr	TRAC	PM Jul 25, 2013 E 1 2 3 4 5 6 E M WAAWAW	Frequency
10 dB/div	Ref 20.00 d	IFO	NO: Fast ⊊ Gain:Low	#Atten: 30			Mkr	[₪] 1 14.88	9 4 GHz 87 dBm	Auto Tune
	<u>Kei 20.00 u</u>									Center Freq 15.00000000 GHz
-20.0 -30.0 -40.0				1					-19.68 dBm	Start Freq 13.00000000 GHz
-50.0 -60.0 -70.0		all free for a for					a day says a say a s		a ann an Iorth Iorth an Anna an Sann an Anna Anna Anna Anna Anna Anna Anna	Stop Freq 17.00000000 GHz
Start 13.00 #Res BW 7	100 kHz	×		V 300 kHz		ICTION FUN	Sweep		.000 GHz 0001 pts) NVALUE	CF Step 400.000000 MHz <u>Auto</u> Man
1 N 1 2 3 4 5 6	f	14.889 4	4 GHz	-46.87 dE	3m					Freq Offset 0 Hz
7 8 9 10 11 12										
MSG							STATUS	6		

IPGain IPGain<	Fast Trig: Free F :Low #Atten: 30 d	Avg Run dB	ALIGNAUTO g Type: Log-Pwr Mkr	1 20.880 2 -44.70	23456 NNNNN GHZ dBm - - - - 1968 dBm - - - - - - - - - - - - - - - - - - -	Frequency Auto Tun Center Fre 19.000000000 GH Start Fre 17.000000000 GH
0 dB/div Ref 20.00 dBm 9 10.0 10.0 10.0 10.0 20.0 30.0 40.0 50.0				1 20.880 2 -44.70	2 GHz dBm 	Center Fre 19.00000000 GH Start Fre 17.000000000 GH Stop Fre
10.0 0.00					-19.68 dBm	19.000000000 GH Start Fre 17.000000000 GH Stop Fre
30.0 40.0 50.0						17.000000000 G⊦ Stop Fre
30.0						•
Res BW 100 kHz KR MODE TRG SCL X 1 N 1 f 20.880 2 GI					— -	21.00000000 GH
1 N 1 f 20.880 2 G	#VBW 300 kHz	EUNCTION	Sweep	Stop 21.00 384 ms (400) FUNCTION VA	01 pts)	CF Ste 400.000000 Mi Auto Ma
3 4 4 5 6 7						Freq Offs 0 ⊦
8 99 100 111 121 121 121 121 121 121 121 121						



		ctrur		alyzer - Sw										
<mark>ых</mark> Се		Fre	RF	50 Ω 23 0000	AC 000000	GHz		SE	NSE:INT	Avg Ty	ALIGNAUTO pe: Log-Pwr	TRA	PM Jul 25, 2013 CE 1 2 3 4 5 6	Frequency
			<u>'</u> 4 '			PNO: Fas IFGain:Lo	a 🖵 w	Trig: Fre #Atten: 3				ΤY		0
10 c Log	dB/div	,	Ref	20.00	dBm						Mk		8 3 GHz 41 dBm	Auto Tune
10.	o		+											Center Freq
0.0 -10.0														23.000000000 GHz
-20.0	⊳⊢		-										-19.68 dBm	Start Freq
-30.0			-							1				21.000000000 GHz
-40.0 -50.0		Underpo	n gla e l			d the theorem	l-Lingt				ari Mandagayan bel	le la la contra de		
-60.0		-	_											Stop Freq 25.00000000 GHz
-70.0														25.00000000 GHz
	es B					#\	vвw	300 kHz			Sweep		5.000 GHz 0001 pts)	CF Step 400.000000 MHz
MKR 1	MODE	TRC 1	SCL f		× 23.58	38 3 GHz		Y -42.41 d		NCTION F	UNCTION WIDTH	FUNCTI	ON VALUE	<u>Auto</u> Man
2 3														Freq Offset
4														0 Hz
6 7														
8														
10 11 12									_					
12 MSG	1										STATU	JS		



Channel 11 (2462MHz)

gilent Spectri ØRL		- Swept SA 50 Ω AC		CEN	SE:INT		ALIGNAUTO	01-00-47	PM Jul 25, 2013	[
		000000 MHz	NO: Fast 🔾	Trig: Free	Run	Ауд Тур	e: Log-Pwr	TRAC	PM Jul 25, 2013 2E 1 2 3 4 5 6 PE MWWWWWW ET P N N N N N	Frequency
I0 dB/div	Ref 20.0		Gain:Low	#Atten: 30	dB		Mkı	1 526.9	55 MHz 50 dBm	Auto Tur
.og 10.0 0.00										Center Fre 515.000000 Mi
20.0					1				-19.53 dBm	Start Fro 30.000000 Mi
50.0 60.0 70.0							e moord de principal en en est (Stop Fre 1.000000000 Gi
tart 30.0 Res BW	100 kHz	× 526.955		N 300 kHz -29.50 dB		NCTION FUI			0000 GHz 0001 pts) NVALUE	CF Ste 97.000000 M <u>Auto</u> M
2 3 4 5 6 7										Freq Offs 0
8 9 10 11 12										
6G							STATUS	;		

		RF 50 9	Ω AC		SEN	VSE:INT		ALIGN AUTO	01:23:23	PM Jul 25, 2013	
enter	r Fre	q 3.0000	00000 GI	Hz	Trig: Free	Dun	Avg Typ	e: Log-Pwr	TRAC	E123456	Frequency
				PNO: Fast C Gain:Low	► #Atten: 30				D		
								Mk	r1 2.45	7 4 GHz	Auto Tur
0 dB/di	iv F	Ref 20.00	dBm						0.0	02 dBm	
.og 10.0				-							0
0.00				♦'							Center Fre
											3.00000000 Gł
10.0										-19.53 dBm	
20.0											Start Fre
30.0					-						1.000000000 GI
40.0											
50.0				ا العامل	Man and an an and a strength	the solution of the	وروالار والمتحدث والمراجع والمحدوق	and a second		and the second strengt	Oton En
60.0 👑					and the second se		1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	The party of the second la	a particular a succession	and the second s	Stop Fre 5.000000000 GI
70.0											5.00000000 Gi
tart 1	000	<u>^u-</u>							Stop 5	.000 GHz	
											CECt
		onz 10 kHz		#VB	W 300 kHz			Sweep 3	384 ms (4	0001 pts)	
Res B	SW 10	0 kHz	×	#VB	W 300 kHz			· · ·	· · ·	<u> </u>	400.000000 M
Res B	SW 10	0 kHz	× 2.457	#VB		FUN	CTION FU	Sweep (384 ms (4 FUNCTIO	<u> </u>	400.000000 M
Res B	SW 10	0 kHz			Y	FUN	CTION FU	· · ·	· · ·	<u> </u>	
Res E (KR MOD) 1 N 2 3 4	SW 10	0 kHz			Y	FUN	CTION FU	· · ·	· · ·	<u> </u>	400.000000 Mi <u>Auto</u> Mi Freq Offs
Res E 1 N 2 3 4 5 6	SW 10	0 kHz			Y	FUN	CTION FU	· · ·	· · ·	<u> </u>	400.000000 Mi <u>Auto</u> M Freq Offs
Res B 1 N 2 3 4 5 6 7	SW 10	0 kHz			Y	FUN	CTION FU	· · ·	· · ·	<u> </u>	400.000000 Mi <u>Auto</u> M Freq Offs
Res E 1 N 2 3 4 5 6 7 8 9	SW 10	0 kHz			Y	FUN	CTION FU	· · ·	· · ·	<u> </u>	400.000000 Mi <u>Auto</u> M Freq Offs
Res B 1 N 2 3 4 5 6 7 7 8 9 10	SW 10	0 kHz			Y	FUN	CTION FU	· · ·	· · ·	<u> </u>	400.000000 Mi <u>Auto</u> M Freq Offs
Res E 1 N 2 3 4 5 6 7 8 9	SW 10	0 kHz			Y	FUN	CTION FU	· · ·	· · ·	<u> </u>	400.000000 Mi <u>Auto</u> Mi

	Analyzer - Swept SA						
Center Free	RF 50Ω AC q 7.000000000 G	Hz	SENSE:INT	ALIGNAUTO : Log-Pwr	TRAC	PM Jul 25, 2013 E 1 2 3 4 5 6 E MWWWWW	Frequency
10 dB/div F			#Atten: 30 dB	Mk	r1 5.361	9 GHz 24 dBm	Auto Tune
							Center Freq 7.000000000 GHz
-20.0 -30.0 -40.0	1 1					-19.53 dBm	Start Freq 5.00000000 GHz
-50.0 -60.0 -70.0			skjalds, evel, e emiljetitete,		in a lange de ministration La charachte gestion de la charachte		Stop Freq 9.000000000 GHz
Start 5.000 (#Res BW 10 MKR MODE TRO)0 kHz	#VBW 3		Sweep 3		.000 GHz 0001 pts) NVALUE	CF Step 400.000000 MHz <u>Auto</u> Man
2 3 4 5 6							Freq Offset 0 Hz
7 8 9 10 11 12							
MSG				STATUS	6		

Agilent Spectrum Analyzer - Sw					
RL RF 50 Ω Center Freg 11.000		SENSE:INT	ALIGNAUTO Avg Type: Log-Pwr	01:24:35 PM Jul 25, 2013 TRACE 1 2 3 4 5 6	Frequency
	PNO: Fast 🕞 IFGain:Low	┘ Trig: Free Run #Atten: 30 dB	BAL		Auto Tune
10 dB/div Ref 20.00	dBm	1		1 12.981 0 GHz -52.00 dBm	
10.0					Center Free
-10.0					11.000000000 GH
-20.0				-19.53 dBm	Start Fre
-30.0				1	9.000000000 GH
-50.0		an a		a talgen in die Derika formalie in die state en als die ster en als die st	Stop Fre
-70.0					13.000000000 GH
Start 9.000 GHz #Res BW 100 kHz	#VBW	300 kHz	Sweep 3	Stop 13.000 GHz 884 ms (40001 pts)	CF Ste 400.000000 MH
MKR MODE TRC SCL	× 12.981 0 GHz	۲ FU -52.00 dBm	VCTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Ma
2 3 4					Freq Offse
5 6					0 H
7 8 9					
10 11					
12					

	um Analyzer - Swe									
Center Fr	RF 50Ω req 15.0000	00000 G		7			ALIGNAUTO :: Log-Pwr	TRAC	PM Jul 25, 2013 E 1 2 3 4 5 6 PE M WWWWW	Frequency
			NO: Fast 🔾 Gain:Low	#Atten: 30			Mkr	De	T 5 GHz	Auto Tune
10 dB/div Log	Ref 20.00 c	Bm			-				88 dBm	
10.0										Center Freq
-10.0										15.00000000 GHz
-20.0									-19.53 dBm	Oferet Freeze
-30.0										Start Freq 13.00000000 GHz
-40.0					al tale at the state					
								- Jun & Squaldidad	and the complete state of the state	Stop Freq
-70.0										17.000000000 GHz
Start 13.0 #Res BW			#VBV	V 300 kHz			Sweep :		.000 GHz 0001 pts)	CF Step 400.000000 MHz
MKR MODE TR		×		Y		ICTION FUN	CTION WIDTH	FUNCTIO		<u>Auto</u> Man
1 N 1 2 3	f	16.827 5	5 GHz	-46.88 dE	3m					Erog Offort
4 5										Freq Offset 0 Hz
6 7										
8 9 10										
11										
MSG							STATUS	6		

Agilent Spectrum Analyzer - Swi					
	AC 00000 GHz	SENSE:INT	ALIGNAUTO Avg Type: Log-Pwr	01:25:45 PM Jul 25, 2013 TRACE 1 2 3 4 5 6	Frequency
	PNO: Fast 🕞 IFGain:Low	┘ Trig: Free Run #Atten: 30 dB	Mkr	TYPE NUMBER P NNNNN DET P NNNNN 1 20.153 4 GHz	Auto Tune
10 dB/div Ref 20.00 (dBm			-45.30 dBm	
10.0 0.00 -10.0					Center Fred 19.000000000 GH;
-20.0				-19.53 dBm	Start Free 17.000000000 GH:
-50.0 Mit al annual de la contration		a destributions (1) de tenderes d'Alexandres paperque esp	the distribution of the state of the state of the		
-60.0		ne and discharge and definition of a start process process of p			Stop Fred 21.000000000 GH:
Start 17.000 GHz #Res BW 100 kHz	#VBW	300 kHz	Sweep 3	Stop 21.000 GHz 884 ms (40001 pts)	CF Step 400.000000 MH
MKR MODE TRC SCL	× 20.153 4 GHz	-45.30 dBm	CTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Mai
2 3 4 5 6					Freq Offse 0 H;
7 8 9 10					
11 12					
MSG			STATUS		

	um Analyzer - Swe								
	RF 50 Ω req 23.0000	AC 000000 GHz PN0: Fast	Trig: Free		Avg Type	ALIGN AUTO : Log-Pwr	TRACE	M Jul 25, 2013 1 2 3 4 5 6 MWWWWW	Frequency
10 dB/div	Ref 20.00 c	IFGain:Low	#Atten: 30	dB		Mkr	1 23.765	4 GHz 1 dBm	Auto Tune
Log 10.0 0.00									Center Freq 23.000000000 GHz
-20.0 -30.0 -40.0						1	test ball offen of y	-19.53 dBm	Start Freq 21.000000000 GHz
-50.0					danın yerdiğ bil sint tanıtı .				Stop Freq 25.000000000 GHz
Start 21.0 #Res BW	100 kHz	#V	BW 300 kHz	FUNCT		Sweep 3	Stop 25. 84 ms (40		CF Step 400.000000 MHz <u>Auto</u> Man
1 N 1 2 3 4 5 6	f	23.765 4 GHz	-42.41 dB	m					Freq Offset 0 Hz
7 8 9 10 11 12									
MSG		'				STATUS			

Product	:	Angelcare Baby Monitor
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	No.3 OATS
Test Mode	:	Mode 3: Transmit (802.11n MCS0 7.2Mbps 20M-BW)

Channel 01 (2412MHz)

Agilent Spectrum Analyzer - Sv					
Center Freq 515.00	2 AC 0000 MHz	SENSE:INT	ALIGN AUTO Avg Type: Log-Pwr	01:31:20 PM Jul 25, 2013 TRACE 1 2 3 4 5 6	Frequency
10 dB/div Ref 20.00	PNO: Fast G IFGain:Low	┘ Trig: Free Run #Atten: 30 dB	Mk	r1 526.082 MHz -29.78 dBm	Auto Tune
10.0 0.00 -10.0					Center Fred 515.000000 MH;
-20.0				-21.08 dBm	Start Free 30.000000 MH:
-50.0 -60.0 -70.0				entertin eta a datati en dista porta da a constante	Stop Fre 1.000000000 GH
Start 30.0 MHz #Res BW 100 kHz MKR MODE TRE SCU	X		Sweep 9	Stop 1.0000 GHz 3.3 ms (40001 pts) FUNCTION VALUE	CF Ste 97.000000 MH <u>Auto</u> Ma
1 N 1 f 2 - - - 3 - - - 4 - - - 5 - - - 6 - - -	526.082 MHz	-29.78 dBm			Freq Offse 0 H
7 8 9 - 10 - 11 - 12 -					
MSG			STATUS	5	L

Page : 64 of 133

	Spectrum												
Cento	er Fre	RF q 3.0	50 Ω 0000	AC 0000 G	Hz				Avg Typ	ALIGNAUTO e: Log-Pwr	TRA	PM Jul 25, 2013 E 1 2 3 4 5 6 PE MWWWWW	Frequency
10 dB/		Bof 2	0.00 d		PNO: F IFGain:l		J Trig:Fre #Atten:3			MI	r1 2.40	B 3 GHz 96 dBm	Auto Tune
10 dB) Log - 10.0 - -10.0 -			<u></u>			● 1							Center Freq 3.00000000 GHz
-20.0 = -30.0 - -40.0 -												-21.08 dBm	Start Freq 1.000000000 GHz
-50.0 - -60.0						1			litter og som en so Til som en so			and a track book and a	Stop Freq 5.00000000 GHz
#Res	1.000 BW 10	00 kH	z	×			V 300 kHz Y	F	UNCTION FU	Sweep		.000 GHz 0001 pts) NVALUE	CF Step 400.000000 MHz <u>Auto</u> Man
2 3 4 5 6	N 1	f		2.40	83GH		-1.96 dl	Bm					Freq Offset 0 Hz
7 8 9 10 11 12													
MSG										STATU	S		

Agilent Spectrum Analyzer - Swej					
RL RF 50 Ω Center Freq 7.00000	AC 0000 GHz	SENSE:INT	ALIGNAUTO Avg Type: Log-Pwr	01:32:32 PM Jul 25, 2013 TRACE 1 2 3 4 5 6	Frequency
	PNO: Fast ⊂ IFGain:Low	☐ Trig: Free Run #Atten: 30 dB			Auto Tune
10 dB/div Ref 20.00 d	Bm		IVIK	r1 5.787 5 GHz -51.24 dBm	
10.0					Center Freq
-10.0					7.00000000 GHz
-20.0				-21.08 dBm	Start Freq
-30.0					5.000000000 GHz
-50.0	,1	litik artesta sa ta ta ta ta ta			
-60.0	dis da manana ang sanang sanang sanang sa katalang sa	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		the standard for the second	Stop Freq 9.00000000 GHz
-70.0					
Start 5.000 GHz #Res BW 100 kHz	#VBI	N 300 kHz	Sweep 🗧	Stop 9.000 GHz 384 ms (40001 pts)	CF Step 400.000000 MHz
MKR MODE TRC SCL	× 5.787 5 GHz	Y -51.24 dBm	FUNCTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Man
2 3					Freq Offset
4 5 6					0 Hz
7 8					
<u>9</u> 10 11					
12					
MSG			STATUS	5	

Agilent Spec	trum Anal	yzer - Swep	t SA							
Center	RF Freq 1		AC	iHz		Avg Typ	ALIGNAUTO e: Log-Pwr	TRA	PM Jul 25, 2013 CE 1 2 3 4 5 6	Frequency
10 dB/div	Ref	20.00 di	IFO	NO: Fast C Gain:Low	▶ #Atten: 3		Mkr	1 12.35	8 5 GHz 07 dBm	Auto Tune
Log 10.0 0.00										Center Freq 11.000000000 GHz
-20.0 -30.0 -40.0								1	-21.08 dBm	Start Freq 9.000000000 GHz
-50.0 -60.0										Stop Freq 13.00000000 GHz
Start 9.0 #Res BV	V 100 k		×	#VB	W 300 kHz Y	INCTION FU		384 ms (4	3.000 GHz 10001 pts) IN VALUE	CF Step 400.000000 MHz <u>Auto</u> Man
1 N 2 3 4 5 6 7 8 9	1 f		12.358	5 GHz	-52.07 d					Freq Offset 0 Hz
10 11 12 MSG							STATUS	3		

XIRL BE	zer - Swept SA 50 Ω AC	SENSE:INT	ALIGN AUTO	01:33:43 PM Jul 25, 2013	
	.000000000 GHz		Avg Type: Log-Pwr	TRACE 1 2 3 4 5 6 TYPE MWWWWW	Frequency
	PNO: Fast IFGain:Low	Trig: Free Run #Atten: 30 dB		DET P N N N N N	
			Mkr	1 16.876 1 GHz	Auto Tune
	20.00 dBm			-47.60 dBm	
-og 10.0					Center Fre
0.00					15.00000000 GH
10.0					10.00000000000
20.0				-21.08 dBm	
30.0					Start Fre
-40.0				1	13.00000000 GH
-50.0	والارتحاد المركب والمراجع والمناطق والانتخار	and the state of t			
-60.0				and the second	Stop Fre
-70.0					17.00000000 GH
Start 13.000 GH #Res BW 100 kH		300 kHz	Sween :	Stop 17.000 GHz 384 ms (40001 pts)	CF Ste 400.000000 MH
MKR MODE TRC SCL	×	Y	FUNCTION FUNCTION WIDTH	FUNCTION VALUE	Auto Ma
1 N 1 f	16.876 1 GHz	-47.60 dBm			
3					Freq Offse
4 5					0+
6					
7					
8					
8 9 10 11					
8 9 10			STATUS		

	Analyzer - Swept SA							
Center Fre	RF 50Ω AC	0 GHz	1	E:INT	LIGNAUTO	TRAC	M Jul 25, 2013 E 1 2 3 4 5 6	Frequency
	Ref 20.00 dBm	PNO: Fast ⊂ IFGain:Low	d Trig: Free I #Atten: 30		Mkr	DE 1 20.896	5 7 GHz 73 dBm	Auto Tune
10.00								Center Freq 19.000000000 GHz
-20.0 -30.0 -40.0							-21.08 dBm	Start Freq 17.000000000 GHz
-50.0 4 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 				an far start for a far and far a			ang kanapatén panang kita	Stop Freq 21.00000000 GHz
Start 17.000 #Res BW 10	SCL X		300 kHz	FUNC	Sweep 3		.000 GHz 0001 pts)	CF Step 400.000000 MHz <u>Auto</u> Man
1 N 1 2 3 4 5 6 7	f 20.	896 7 GHz	-44.73 dBr	n				Freq Offset 0 Hz
8 9 10 11 12								
MSG					STATUS			

NI RL	RE	50 Ω AC		CENC	SE:INT		ALIGNAUTO	01/24/54	PM Jul 25, 2013	[
enter		.00000000	0 GHz			Avg Typ	e: Log-Pwr	TRAC	E123456	Frequency
			PNO: Fast IFGain:Low	Trig: Free #Atten: 30				DE		Auto Tun
10 dB/div	Ref 2	0.00 dBm					Mkr		36 GHz 20 dBm	Auto Tun
-og 10.0										Center Fre
0.00				_						23.00000000 GH
20.0									-21.08 dBm	
30.0										Start Fre
40.0						↓ 1				21.00000000 GH
50.0		all marked and a second	un entre as enembrane						Constant D. (Australia 1977)	
60.0	and the second second			Makes of Ass.						Stop Fre
70.0										25.00000000 GH
Start 21	.000 GH:	z							.000 GHz	CE Sta
	.000 GH: V 100 kH		#VE	3W 300 kHz			Sweep (0001 pts)	400.000000 MH
Res BV	V 100 kH	lz ×		Y		TION	Sweep (0001 pts)	400.000000 MH
Res BV	V 100 kH	lz ×	#VE 603 6 GHz			TION	<u> </u>	384 ms (4	0001 pts)	400.000000 MH <u>Auto</u> Ma
FRes BV	V 100 kH	lz ×		Y		TION FUI	<u> </u>	384 ms (4	0001 pts)	400.000000 MH <u>Auto</u> Ma Freq Offs
Res BV 1 N 2 3 4 5	V 100 kH	lz ×		Y		TION FUI	<u> </u>	384 ms (4	0001 pts)	400.000000 MH <u>Auto</u> Ma Freq Offs
#Res BV 1 N 2 3 4 5 6 7	V 100 kH	lz ×		Y		TION FUI	<u> </u>	384 ms (4	0001 pts)	400.000000 MH <u>Auto</u> Ma Freq Offs
#Res BV 1 N 2 3 4 5 6 7 8	V 100 kH	lz ×		Y		TION FUI	<u> </u>	384 ms (4	0001 pts)	400.000000 MH <u>Auto</u> Ma Freq Offs
#Res BV 1 N 2 3 4 5 6 7 8 9 10 10	V 100 kH	lz ×		Y		TION FU	<u> </u>	384 ms (4	0001 pts)	400.000000 MH <u>Auto</u> Ma Freq Offs
#Res BV 1 N 2 3 3 4 5 6 7 8 9 9	V 100 kH	lz ×		Y		TION FUI	<u> </u>	384 ms (4	0001 pts)	CF Ste 400.00000 MH <u>Auto</u> Ma Freq Offso 0 H



Channel 06 (2437MHz)

Agilent Spectrum Analyzer - S					r
RE RE 50 Center Freq 515.00		SENSE:INT	ALIGNAUTO Avg Type: Log-Pwr	01:37:50 PM Jul 25, 2013 TRACE 1 2 3 4 5 6 TYPE MWWWWW	Frequency
10 dB/div Ref 20.00	IFGain:Low	#Atten: 30 dB	Mki	^{Der Р NNNNN} 1 525.743 MHz -28.42 dBm	Auto Tuno
					Center Fre 515.000000 M⊦
-20.0		↑ 		-20.89 dBm	Start Fre 30.000000 M⊦
50.0 60.0 300 000 000 000 000 000 000 000 70.0					Stop Fre 1.000000000 GH
Start 30.0 MHz Res BW 100 kHz KKR MODE TRO SOL	×		Sweep 9	Stop 1.0000 GHz 3.3 ms (40001 pts) FUNCTION VALUE	CF Ste 97.000000 MH <u>Auto</u> Ma
1 f 2 - 3 - 4 - 5 - 6 -	525.743 MHz	-28.42 dBm			Freq Offs 0 H
7 8 9 10 11 12					
ISG			STATUS	;	

a RL	um Analyzer - Sv RF 50 :			SENS	E:INT		ALIGNAUTO	01:38:26	PM Jul 25, 2013	
Center Fi	req 3.0000	00000 GH	Z 0:Fast G	Trig: Free	Run	Avg Typ	e: Log-Pwr	TRAC	E 1 2 3 4 5 6	Frequency
		PN IFG	o: Fast G ain:Low	#Atten: 30				De		Auto Tun
0 dB/div	Ref 20.00	dBm					MK		16 GHz 34 dBm	
.og 10.0			1							Center Fre
0.00			• '							3.000000000 Gi
10.0										
20.0									-20.89 dBm	Start Fr
10.0 10.0										1.000000000 G
50.0									والمرقاب والعسرون	
60.0	and the second of the second sec									Stop Fr 5.00000000 G
70.0										5.00000000 G
tart 1.00 Res BW			#\/B)	V 300 kHz			Sween '		.000 GHz 0001 pts)	CF Ste
KR MODE TH		×	#¥D4	Y 300 KHZ	FUN	ICTION FU	NOTION WIDTH	FUNCTIO		400.000000 M <u>Auto</u> M
<mark>1</mark> N 1 2	f	2.431 6	GHz	-1.34 dB	m					
3										Freq Offs
5 6										0
7 8										
9 10										
11 12										
G							STATUS	;		l

RL RF S0.2 AC SENSE:INT ALIGNAUTO 01:39:01 PM J25, 2013 Frequency ienter Freq 7.00000000 GHz Trig: Free Run Avg Type: Log-Pwr TRACE [12:3:45 G Frequency PN0: Fast Trig: Free Run #Atten: 30 dB Mkr1 6.799 1 GHz Auto Tu 0 dB/div Ref 20.00 dBm -51.59 dBm Center F 7,00000000 00 0.00
PN0: Fast Trig: Free Run TYPE [M WWWWW IFGain:Low #Atten: 30 dB Det [P N N N N N Det]P N N N N N Det [P N N N N N Det]P N N N N N Det]P N N N N N Det [P N N N N N Det]P N N N N N Det [P N N N N N Det]P N N N N N Det [P N N N N N Det]P N N N N N Det [P N N N N N Det]P N N N N N Det [P N N N N N Det]P N N N N N Det [P N N N N N Det]P N N N N N Det [P N N N N N Det]P N N N N N N Det [P N N N N N Det]P N N N N N Det [P N N N N N N Det]P N N N N N Det [P N N N N N Det]P N N N N N Det [P N N N N N Det]P N N N N N Det [P N N N N N Det]P N N N N N Det [P N N N N N Det]P N N N N N Det [P N N N N N Det]P N N N N N Det [P N N N N N Det]P N N N N N Det [P N N N N N Det]P N N N N N Det [P N N N N N Det]P N N N N N Det [P N N N N N Det]P N N N N N Det [P N N N N N Det]P N N N N N Det [P N N N N N N Det]P N N N N N Det [P N N N N N N Det]P N N N N N Det [P N N N N N N Det]P N N N N N Det [P N N N N N Det]P N N N N N Det [P N N N N N Det]P N N N N N Det [P N N N N N N Det]P N N N N N Det [P N N N N N Det]P N N N N N Det [P N N N N N Det]P N N N N Det [P N N N N N Det]P N Det [P N N N N N Det]P N Det [P N N N N N Det]P N Det [P N N N N N Det]P N Det [P N N N N N Det]P N DEt [P N N N N Det]P N DEt [P N N N N Det]P N DET [P N N N N DEt]P N DET [P N N N N DET [P N N N N DET]P N DET [P N N N N DET [P N N N N DET]P N DET [P N N N DET [P N N N N DET]P N DET [P N N N N DET [P N N N DET]P N DET [P N N N N DET [P N N N DET [P N N N DET [P N N N N DET]P N DET [P N N N N DET [P N N N N DET [P N N N DET [P N N N DET [P N N N N DE
0 dB/div Ref 20.00 dBm -51.59 dBm -51.59 dBm - Center F
10.0 Center F
7.00 7.00000000 0
20.89 dBm
30.0 40.0
50.0 Stop F 70.0 Stop F
tart 5.000 GHz Stop 9.000 GHz CF S Res BW 100 kHz #VBW 300 kHz Sweep 384 ms (40001 pts) 400.000000
KR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE Auto 1 N 1 f 6.799 1 GHz -51.59 dBm Auto Auto Auto
2 Freg Off
4
7 8 8
9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

	zer - Swept SA 50 Ω AC	SENSE:INT	ALIGNAUTO	01:39:37 PM Jul 25, 2013	ſ
RL RF Center Freq 11	.000000000 GHz PNO: Fast	Trig: Free Run	Avg Type: Log-Pwr	TRACE 1 2 3 4 5 6 TYPE MWWWW DET P N N N N N	Frequency
0 dB/div Ref 2	IFGain:Lov 20.00 dBm	γ #Aπten: 30 dB	Mkr	1 12.551 7 GHz -51.26 dBm	Auto Tun
					Center Fre 11.00000000 GH
0.0				-20.89 dBm	Start Fre 9.000000000 GI
		en a flore of a stability of any flore of a stability of a			Stop Fr 13.00000000 G
tart 9.000 GHz Res BW 100 kł	lz #V	BW 300 kHz	Sweep 3	Stop 13.000 GHz 84 ms (40001 pts) FUNCTION VALUE	CF Ste 400.000000 M Auto M
1 N 1 f 2	12.551 7 GHz	-51.26 dBm		FUNCTION VALUE	Freq Offs
4 5					

	ım Analyzer - Swe									
Center Fr	RF 50 Ω eq 15.0000		Hz		NSE:INT	Avg Ty	ALIGNAUTO	TRAC	PM Jul 25, 2013 E 1 2 3 4 5 6	Frequency
		PI	IO: Fast ⊊ Gain:Low	Trig: Fre #Atten: 3				D		Auto Tune
10 dB/div	Ref 20.00 d	dBm					Mkr		3 1 GHz 84 dBm	Auto Tunc
Log 10.0										Center Freq
0.00										15.00000000 GHz
-10.0									-20.89 dBm	
-20.0										Start Freq
-40.0									 ∎1_	13.000000000 GHz
-50.0		and the particular state	ngabro logingan otor Bankan digingan otor		en and enderside		in the second production in the second second second	and a second sec		Stop Freq
-60.0										17.000000000 GHz
Start 13.0								Stop 17	.000 GHz	
#Res BW			#VB\	V 300 kHz			Sweep		.000 GH2 0001 pts)	CF Step 400.000000 MHz
MKR MODE TR	C SCL	× 16.813 ′		Y -47.84 d		NCTION FL	JNCTION WIDTH	FUNCTIO	IN VALUE	<u>Auto</u> Man
2 3		10.015		-47.04 U	5111					Freq Offset
4										0 Hz
6										
8										
10 11 12										
MSG					I		STATU	5		

Agilent Spectrum An					ſ
	19.00000000 GHz PNO: Fas	Trig: Free Run # # #Atten: 30 dB	ALIGN AUTO Avg Type: Log-Pwr	01:40:49 PM Jul 25, 2013 TRACE 1 2 3 4 5 6 TYPE MWWWW DET P N N N N N	Frequency
_	IFGain:Lo	w #Atten: 30 dB	Mkr	1 20.921 8 GHz -44.30 dBm	Auto Tune
Log	f 20.00 dBm			-44.30 dBm	
0.00					Center Free 19.000000000 GH
-10.0				-20.89 dBm	
-30.0				4	Start Free 17.000000000 GH:
-50.0					
-60.0					Stop Free 21.000000000 GH:
Start 17.000 (#Res BW 100		/BW 300 kHz	Sweep 3	Stop 21.000 GHz 384 ms (40001 pts)	CF Stej 400.000000 MH
MKR MODE TRC SC	× 20.921 8 GHz		CTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Ma
1 N 1 1 2 3 4 5	20.9218 GH2	-44.30 dBm			Freq Offse
6 7 8					
9 10 11					
12 MSG					

		ectrur		alyzer - S													
w. Cer		Fre	RF	50 23.00		AC 0000	GHz		7	VSE:I		Avg		ALIGNAUTO : Log-Pwr	TR	ACE 1 2 3 4 5 6	Frequency
								ast 🗔	Trig: Free #Atten: 30						1		
	Mkr1 23.482 0 GHz												Auto Tune				
	B/di	v	Ref	f 20.00) dB	m									-41	.72 dBm	
Log 10.0																	Center Freq
0.00																	23.000000000 GHz
-10.0)						_										
-20.0					_		_									-20.89 dBm	Start Freq
-30.0					_		_					1 -					21.000000000 GHz
-40.0)						_		والمالية والمرواد والم		المرابع المرابع	Lited ave and	di seria da		ومنابعه فيعمله	de la calencia desta	
-50.0		el llegels er egge					Televisteriae Plane internet	ndan senderad Maharan		1	ستولي وي		****		1		01
-60.0					-												Stop Freq 25.00000000 GHz
-70.0	۰ –		-														20.0000000000000
Sta	rt 2'	1.00	0 G	Hz								1		1		5.000 GHz	
#Re	es B	W 1	00	kHz				#VBW	300 kHz					Sweep	384 ms ((40001 pts)	400.000000 MHz
	MODE N	TRC 1	SCL f			X	2 0 GF		Y -41.72 dB		FUN	TION	FUN	ICTION WIDTH	FUNC	TION VALUE	<u>Auto</u> Man
<u>1</u> 2	IN	1	Г			23.48	62 U GF	1Z	-41.72 at	sm							
3																	Freq Offset
5 6																	0 Hz
7																	
9																	
10 11																	
12		1															
MSG														STATU	S		

Channel 11 (2462MHz)

RL	RE	er - Swept SA 50 Ω AC		SEN	SE:INT		ALIGNAUTO	01:44:49	PM Jul 25, 2013	
		5.000000 M	Hz			Avg Typ	e: Log-Pwr	TRAC	E123456	Frequency
			PNO: Fast C IFGain:Low	Trig: Free #Atten: 30						
							Mki		07 MHz	Auto Tui
0 dB/div og	Ref 2	0.00 dBm						-29.8	87 dBm	
10.0										Center Fr
										515.000000 M
0.0										
0.0					- 1				-20.65 dBm	
0.0					¢'					Start Fr
10.0					Λ					30.000000 M
0.0					4					
0.0	الاحتبار المراجع		والمحدود أواجعه والأوجان	and a second second	and some	and the second second	Language and the state	and the second shows	(humaniki)	Stop Fr
0.0			fandel angen, die Greek fan e			- A Carlotte Contraction of the public of				1.00000000 G
0.0										
tart 30.									0000 GHz	CF St
Res BW	100 kH	Z	#VB	W 300 kHz			Sweep 9	3.3 ms (4	0001 pts)	97.000000 N
KR MODE 1		X	407 MU-	Y		NCTION FUI	NCTION WIDTH	FUNCTIO	N VALUE	<u>Auto</u> N
2	1 f	526.	107 MHz	-29.87 dB	m					
3										Freq Offs
5										0
6 7										
8 9										
0										
0										



	rum Analyzer - S									
🕅 RL Center F	RF 50		47	SEN	ISE:INT		ALIGNAUTO 01:45:26 PM J Avg Type: Log-Pwr TRACE 1			Frequency
Center	164 3.0000	Р	NO: Fast C Gain:Low	➡ Trig: Free #Atten: 30			5	TYF De		A
10 dB/div	Ref 20.00) dBm					Mk		6 GHz 19 dBm	Auto Tune
10.0 0.00			♦ 1	-						Center Freq 3.00000000 GHz
-10.0									-20.65 dBm	Start Freq
-30.0										1.000000000 GHz
-50.0 -60.0 -70.0	g halen of here and provide the second s									Stop Freq 5.000000000 GHz
Start 1.00 #Res BW	100 kHz		#VB	W 300 kHz			· ·	384 ms (4	.000 GHz 0001 pts)	CF Step 400.000000 MHz <u>Auto</u> Man
MKR MODE T	RC SCL	× 2.456	6 GHz	-1.19 dE		NCTION FU!	NCTION WIDTH	FUNCTIO	N VALUE	<u>Auto</u> Man
2 3 4 5 6										Freq Offset 0 Hz
7 8 9 10										
11 12 ^{MSG}							STATUS	•		

Agilent Spe	ectrum Al	n <mark>alyzer - Sw</mark> = 50 Ω			000	ISE:INT		ALIGNAUTO	01:46:00	PM Jul 25, 2013	
			00000 G				Avg T	ype: Log-Pwr	TRAC	E 1 2 3 4 5 6	Frequency
			l IF	PNO: Fast C Gain:Low	Trig: Free #Atten: 30				D	ET P N N N N N	Auto Tune
10 dB/div	v Re	f 20.00	dBm					IVIN		8 8 GHz 44 dBm	
10.0											Center Fre
0.00											7.00000000 GH
-20.0										-20.65 dBm	Start Fre
-30.0											5.000000000 GH
-40.0			♦ ¹								
-60.0	parelite and the	in de la sel estation de Marie estation de la selación de la s	19 Parla Consenti Para Arrangeo 19 Parla Consenti Para Arrangeo 19 Parla Consenti Para Arrangeo				all a distanci				Stop Fre 9.000000000 GH
-70.0											9.00000000 GH
Start 5. #Res Bl				#VB	W 300 kHz			Sweep 🗧		.000 GHz 0001 pts)	CF Ste 400.000000 MH
MKR MODE	TRC SC		× 5.828	8 GHz	Y -51.44 dE		NCTION	FUNCTION WIDTH	FUNCTIO	IN VALUE	<u>Auto</u> Ma
2											Freq Offse
4 5 6											0 H
7 8											
9											
11 12											
SG								STATUS	3		

		Analyzer - Sv									
Cente		RF 50 3	000000 G		٦'_	ISE:INT		ALIGNAUTO E: Log-Pwr	TRAC	PM Jul 25, 2013 E 1 2 3 4 5 6	Frequency
10 dB/c	di 🗖	ef 20.00	IFC	NO: Fast G Gain:Low	Trig: Free #Atten: 30			Mkr	⁰⁰ 1 10.13	BOGHz 3 dBm	Auto Tune
10.00											Center Freq 11.00000000 GHz
-20.0 == -30.0 == -40.0 ==				1						-20.65 dBm	Start Freq 9.00000000 GHz
-50.0 -60.0											Stop Freq 13.00000000 GHz
#Res	9.000 (BW 10	0 kHz	X		V 300 kHz		NCTION FUR	Sweep 3		.000 GHz 0001 pts) NVALUE	CF Step 400.000000 MHz <u>Auto</u> Man
1 N 2 3 4 5 6		f	10.138 (-52.13 dE						Freq Offset 0 Hz
7 8 9 10 11 12											
MSG								STATUS	5		u

Agilent Spectrum Analyzer - Sw		SENSE:INT	ALIGNAUTO		
Center Freq 15.000	000000 GHz		Avg Type: Log-Pwr	01:47:12 PM Jul 25, 2013 TRACE 1 2 3 4 5 6 TYPE MWWWWW	Frequency
	PNO: Fast (IFGain:Low	#Atten: 30 dB	Mkr	DET P NNNNN 1 14.820 1 GHz -47.69 dBm	Auto Tune
10 dB/div Ref 20.00 Log 10.0 0.00				-47.09 UBIII	Center Free 15.000000000 GH
-10.0 -20.0 -30.0 -40.0		1		-20.65 dBm	Start Free 13.00000000 GH
-50.0 -60.0					Stop Fre 17.000000000 GH
Start 13.000 GHz #Res BW 100 kHz	#VB	W 300 kHz	Sweep (Stop 17.000 GHz 384 ms (40001 pts) FUNCTION VALUE	CF Ste 400.000000 M⊢ <u>Auto</u> Ma
1 N 1 f 2 - - - 3 - - - 4 - 5 - 6 - - - 7 - - - 8 - - -	14.820 1 GHz	-47.69 dBm			Freq Offse 0 H
8 9 9 10 11 11 12 1			STATUS		



	pectrun		lyzer - Swo											
Cente	er Fre	RF a 1	50 Ω	AC 00000	GHz		1	NSE:INT	Avg		ALIGNAUTO : Log-Pwr	TR	8 PM Jul 25, 2013 ACE 1 2 3 4 5 6	Frequency
					PNO: Fas IFGain:Lo	st 🖵 w	Trig: Fre #Atten: 3					Т	DET P N N N N N	
10 dB/d	div	Ref	20.00 0	dBm							Mkr	1 20.98 -44	37 9 GHz .75 dBm	Auto Tune
Log 10.0														Center Freq
0.00 —		_							_					19.00000000 GHz
-10.0 —		+											-20.65 dBm	
-20.0													-20.00 0.00	Start Freq
-40.0		_			_				_				1	17.000000000 GHz
-50.0 🙀	nasarta sela Kangtinasa			a gedalde anders Postere anderse	an a state a			a toto ta para ta	and the first state	dina anina gata kan de	eren i est burgin en en est est est			Otop Erog
-60.0 —		+												Stop Freq 21.00000000 GHz
Start ′ #Res					#	vвw	300 kHz				Sweep 🗄		1.000 GHz 40001 pts)	CF Step 400.000000 MHz
		SCL f		×	87 9 GHz		Y -44.75 di		UNCTION	FUN	CTION WIDTH	FUNCT	ION VALUE	<u>Auto</u> Man
2 3		T		20.98	37 9 GHZ	-	-44.75 at	3m						Ere a Offe et
4						-								Freq Offset 0 Hz
6		_												
8														
10 11														
12 MSG						1					STATU	6		
Mod											STATU	3		

Agilent S	pectr																		
uxu _{RL} Cente	r F	RF		ດ ທີ່ ບັນ		СH		_	SE	NSE:IM	VT	Ava		ALIGNAUTO	0		PM Jul 25, 2) E 1 2 3 4		Frequency
Cente		eq.	23.00	000		PNO	i: Fast (in:Low		'rig: Fre Atten: 3							TYP		ANA	Auto Tuno
10 dB/d	div	Re	f 20.0	0 dE	ßm									Mk			3 7 GH 23 dB		Auto Tune
Log 10.0 —				_				_										-	Center Freq
0.00 — -10.0 —								+											23.00000000 GHz
-20.0								_									-20.65 c	<u>IBm</u>	Start Freq
-30.0 —				-				+		-		↓ 1−						1	21.000000000 GHz
-40.0 -50.0					na an a	lasta et e	e ante en le		n de de la la	e e constituere de la constituere de la Constituere de la constituere de la cons	e finantar		elle mard. Hondi (28 -	dia	a de ana de				
-60.0 —		.1.		_						-								-	Stop Fred 25.00000000 GHz
-70.0																			
Start : #Res							#VB	W 30)0 kHz					Sweep			.000 GI 0001 pi		CF Step 400.000000 MHz
MKR MOI	DE TF				× 23.40	0870	GHz		Y 41.23 di	Зm	FUNC	TION	FUN	ICTION WIDTH		FUNCTIO	N VALUE		<u>Auto</u> Mar
2 3 4																			Freq Offset
4 5 6	+	+													-				0 Hz
7																			
9 10 11	-	-																	
12																			
MSG														STATI	JS				

Product	:	Angelcare Baby Monitor
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	No.3 OATS
Test Mode	:	Mode 4: Transmit (802.11n MCS0 15Mbps 40M-BW)

Channel 01 (2422MHz)

Agilent Spectrum Analy					
KARL RF Center Freq 51	50 Ω AC	SENSE:INT	ALIGNAUTO Avg Type: Log-Pwr	01:52:57 PM Jul 25, 2013 TRACE 1 2 3 4 5 6	Frequency
	PNO: Fast (IFGain:Low	Trig: Free Run #Atten: 30 dB	Mkr	TYPE MUMUU DET P N N N N 1 523.682 MHz -36.56 dBm	Auto Tune
10.0 0.00					Center Fred 515.000000 MHz
-20.0		1		-24.62 dBm	Start Free 30.000000 MH;
-50.0 -60.0 -70.0				na dh'ann a suna chi berna di na nani ka nang barang barang nang barang ang ang ang ang ang ang ang ang ang	Stop Free 1.000000000 GH:
Start 30.0 MHz #Res BW 100 kH MKR MODE TRC SCL	×		Sweep 9	Stop 1.0000 GHz 3.3 ms (40001 pts) FUNCTION VALUE	CF Step 97.000000 MH <u>Auto</u> Mar
1 N 1 f 2 3 3 4 5 6	523.682 MHz	-36.56 dBm			Freq Offse 0 H
7 8 9 10 11					
MSG			STATUS	J	

Agilent Spec												
LXI RL Center	RF Freq 3.	50 Ω 000000		lz		7	SE:INT	Avg T	ALIGN AUTO	TRA	PM Jul 25, 2013 CE 1 2 3 4 5 6	Frequency
	•		PI IF(NO: Fast Gain:Lov	t⊊ ₩	J Trig: Free #Atten: 30			MI	r1 2.41		Auto Tune
10 dB/div Log	Ref 2	20.00 d	Bm							-5.	23 dBm	
10.0 0.00					1							Center Free 3.000000000 GH
-10.0 -20.0 -30.0											-24.62 dBm	Start Fre 1.00000000 GH
-40.0 -50.0 -60.0		t a palasana 2 kup (1 ku Kapatang Kasa	l jege gang di kalangangan di kana				ing a start of the second s			and the state of t	a a far a star a st	Stop Fre 5.000000000 GH
Start 1.0 #Res BV				#\	/BW	/ 300 kHz			Sweep	Stop 5 384 ms (4	.000 GHz 0001 pts)	CF Ste 400.000000 M⊢
MKR MODE	TRC SCL		× 2.410 ·	4 GHz		Y -5.23 dB		NCTION	FUNCTION WIDTH	FUNCTIO	IN VALUE	<u>Auto</u> Ma
2 3 4 5 6												Freq Offse 0 H
7 8 9 10 11 12												
ISG									STATU	s		

Agilent S	pectrum A	nalyzer - Sw	ept SA								
Cente	r Frea		AC D0000 GH			NSE:INT	Avg Typ	ALIGNAUTO	TRA	PM Jul 25, 2013 CE 1 2 3 4 5 6	Frequency
10 dB/d	•	ef 20.00 (P IF	NO: Fast (Gain:Low	Trig: Fre #Atten: 3			MI	□ (r1 5.97)	2 7 GHz 42 dBm	Auto Tune
		1 20.00									Center Freq 7.000000000 GHz
-20.0 -30.0 -40.0			1							-24.62 dBm	Start Freq 5.000000000 GHz
-50.0 -60.0					ler () Mini Instein (William) Mini Instein (William) Mini Instein (William)			Her track to be a particulation of the second			Stop Freq 9.000000000 GHz
#Res E	5.000 G 3W 100	kHz	X		W 300 kHz	FUI	NCTION FI	Sweep	384 ms (4	0.000 GHz 0001 pts)	CF Step 400.000000 MHz <u>Auto</u> Man
1 N 2 3 4 5 6 7 7 8 9 10 11 11 12			5.972	7 GHz	-51.42 df	3m					Freq Offset 0 Hz
MSG								STATU	s		

	trum Analyzer - !									
KN RL Center I	 Freq 11.00		Hz	SENS	SE:INT		ALIGNAUTO : Log-Pwr	TRAC	PM Jul 25, 2013 E 1 2 3 4 5 6	Frequency
10 dB/div	Ref 20.00	P IF	NO: Fast G Gain:Low	Trig: Free #Atten: 30			Mkr	שיי 1 12.664	4 2 GHz 41 dBm	Auto Tune
										Center Freq 11.000000000 GHz
-20.0 -30.0 -40.0									-24.62 dBm	Start Freq 9.000000000 GHz
-50.0 -60.0	angan Santa Katalan Angan Santa Katalan Angan Santa Katalan	to order to not extra a first the test of the test	n senara ta ta ya ƙafa ma ya		, të kë dit, a kë ana stat në sjetën presidente e	in the second		a ann a faoir à glà 166 an Anna ann		Stop Freq 13.000000000 GHz
Start 9.0 #Res BW	V 100 kHz	X	#VBV	V 300 kHz	CUN	ICTION FUN	-	384 ms (4	.000 GHz 0001 pts)	CF Step 400.000000 MHz Auto Man
		× 12.664	2 GHz	52.41 dB				FUNCTIO		Freq Offset 0 Hz
MSG							STATUS	6		

Agilent Spe										
(X/ RL Center	Freq 1	50 Ω 5.0000	00000 0			Avg 1	ALIGNAUTO	TRAC	PM Jul 25, 2013 E 1 2 3 4 5 6 E MWWWWW	Frequency
10 dB/div	Ref	20.00 c	IF	'NO: Fast (Gain:Low	#Atten: 3		Mkı	^₀ r1 16.93:		Auto Tune
Log 10.0										Center Freq 15.00000000 GHz
-20.0 -30.0 -40.0									-24.62 dBm	Start Freq 13.00000000 GHz
-50.0 -60.0	s tea graa paa pike kete ng poor soo din ta			n Santana (n j j kryst skryst na j Krazdijna kradna j j men jska (Stop Freq 17.000000000 GHz
Start 13 #Res B\	N 100 I		×	#VB	W 300 kHz	NCTION	Sweep	384 ms (4	.000 GHz 0001 pts)	CF Step 400.000000 MHz <u>Auto</u> Man
1 N 2 3 4 5 6 - 7 8 9 10 11 12			16.932	7 GHz	-47.65 dł					Freq Offset 0 Hz
MSG							STATU	S		



Agilent Spectrum Analyzer - Swept SA					
X RL RF 50 Ω AC Center Freg 19.0000000		SENSE:INT	ALIGN AUTO Avg Type: Log-Pwr	01:55:54 PM Jul 25, 2013 TRACE 1 2 3 4 5 6	Frequency
•	PNO: Fast 😱 IFGain:Low	Trig: Free Run #Atten: 30 dB	Mkr	1 20.787 8 GHz -44.51 dBm	Auto Tune
10 dB/div Ref 20.00 dBm Log				-44.51 UBIII	Center Free
-10.0					19.000000000 GH
-30.0				-24.62 dBm	Start Fre 17.000000000 GH
50.0 1 (1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1		n ma di Aleman di Antonio di Anton Antonio di Vintenzi di Antonio di A		a gy a gwad an gifan gwad yn a fan di a gwad a Gwyd a wyng gwad a wyng gwad a gwa Mar a gwad a	Stop Fre 21.000000000 G⊢
70.0 Start 17.000 GHz				Stop 21.000 GHz	CF Ste
	×		Sweep 3	384 ms (40001 pts) FUNCTION VALUE	400.000000 MH <u>Auto</u> Ma
1 1 f 2 3 - - - - 4 - - - - - 5 -	20.787 8 GHz	-44.51 dBm			Freq Offs 0 H
7 8 9 10					
11					

		alyzer - Sw	ept SA								
(X) RL Center	r Freg		AC 000000 0	H7	SEI	VSE:INT		ALIGNAUTO e: Log-Pwr	TRAC	PM Jul 25, 2013 E 1 2 3 4 5 6	Frequency
		20.0000	P	NO: Fast (Gain:Low	Trig: Free #Atten: 30			Mkr	Di		Auto Tune
10 dB/di	iv Re	f 20.00 d	dBm							93 dBm	
Log 10.0											Center Freq 23.000000000 GHz
-20.0 -30.0 -40.0								1		-24.62 dBm	Start Freq 21.00000000 GHz
-50.0 ++++ -60.0 -70.0											Stop Freq 25.00000000 GHz
Start 2 #Res B	SW 100	kHz		#VB	W 300 kHz				384 ms (4	.000 GHz 0001 pts)	CF Step 400.000000 MHz
1 N	e tric sol 1 f		× 23.723	1 GHz	۲ -41.93 dE		NCTION FUI	NCTION WIDTH	FUNCTIO	N VALUE	<u>Auto</u> Man
2 3 4 5 6											Freq Offset 0 Hz
7 8 9 10 11											
12 MSG		1		I			I	STATUS	3		



Agilen XI RL		ctrur	n An RF	alyzer	<mark>- Swe</mark> 50 Ω							SENS							000.0	1 07 0		5, 2013	T	
		Fre		515.			0 Mł	PNO	: Fast] Trig: f	ree	Run		Avç		ALIGNAU : Log-P			TRAC TYP	E123	5, 2013 3 4 5 6 WWWW N N N N	F	requency
40.45						ID m		FGai	in:Low	,	#Atter	1: 30	ав				Ν	/lkr	1 526	5.6	40 N			Auto Tun
10 dE -og 10.0	3/div	<i>.</i>	Rei	f 20.0	υυ α	Br	1												-0			Dill		
0.00																								Center Fre 5.000000 M⊦
10.0 20.0																					-24	.44 dBm		StartFre
30.0 40.0												•	∮ ¹ ·										30	0.000000 MH
50.0 60.0	(الله و مر ا	أيتليس	la alla		diam	ent.le	una, la				and the state and		1	وفرطام اسرائه	last	- I to a	r otabulu na fel			ulus	dlootoort	a failes and		Stop Fr
70.0		laar Maang																					1.00	0000000 G
	t 30 s B1			z kHz					#V	вw	300 k	Hz					Sweep) 9:	Stop 3.3 ms				9	CF Ste 7.000000 MI
1	MODE N	TRC 1	SCL f				× 526.6	40 M	MHz		Y -38.17	′ dB	m	FUN	CTION	FU	ICTION WI	отн	FUN	ICTIO	n value	-	<u>Auto</u>	M
2 3 4																						_		Freq Offs
5 6 7																						_		UI
8 9 10																						_		
11 12																								
SG																	ST	ATUS						

Channel 04 (2437MHz)

		AC			SEN	ISE:INT		ALIGN AUTO		PM Jul 25, 2013	Frequency
nter Freq	3.000000	PNO:	: Fast n:Low		Trig: Free #Atten: 30		Avg Type	e: Log-Pwr	TYI	ΣЕ 123456 РЕМ ИМИМИМИ ТРΝΝΝΝΝ	
IB/div R	ef 20.00 dE	 Зт						Mł		2 9 GHz 80 dBm	Auto T
				1							Center F 3.000000000
, 											3.00000000
										-24.44 dBm	
										-24.44 dDm	Start F
											1.000000000
			¥.		anti and ann ach a Sanna ann an Airte						Stop F
											5.00000000
									A 4		
rt 1.000 G es BW 100			#VF	зw з	00 kHz			Sweep 🗧		.000 GHz 0001 pts)	CF S 400.000000
			_			ELING		NCTION WIDTH	FUNCTIO	N VALUE	Auto
MODE TRC SO		×			Y						
		× 2.432 9 0)Hz		-4.80 dE						
MODE TRC SO			Hz								
MODE TRC SO			GHZ								
MODE TRC SU			GHz								
MODE TRC SU			GHz								
MODE TRC SO			GHz								Freq Of

🙀 R L RF 50 Ω AC SENSE:INT ALIGN AUTO 02:02:49 PM Jul 25, 2013	
Center Freg 7.00000000 GHz Avg Type: Log-Pwr TRACE 123456	Frequency
PNO: Fast C Trig: Free Run	
iFGain:Low #Atten: 50 db	Auto Tune
Mkr1 6.028 0 GHz 10 dB/div Ref 20 00 dBm -51.41 dBm	Auto Fullo
10 dB/div Ref 20.00 dBm51.41 dBm	
10.0	Center Freq
0.00	7.00000000 GHz
-10.0	
-20.0	
20.0	Start Freq
-40.0	5.00000000 GHz
and a second	Stop Freq
	9.000000000 GHz
-70.0	
Start 5.000 GHz Stop 9.000 GHz	05.04
#Dee BW 400 kHz #\/BW 200 kHz Cween 294 me (40001 nte)	CF Step 400.000000 MHz
	<u>uto</u> Man
1 N 1 f 6.028 0 GHz -51.41 dBm	
	Freq Offset
	0 Hz
6	
MSG STATUS	

Agilent Spectrum Anal	yzer - Swept SA 50 Ω AC	SENSE:				0
	1.000000000 GHz PNO: Fa	st 🕞 Trig: Free Ri	Avg Type in	ALIGNAUTO E: Log-Pwr	02:03:25 PM Jul 25, 2013 TRACE 1 2 3 4 5 6 TYPE MWWWW	Frequency
	IFGain:L		3	Mkr1	12.012 2 GHz -52.00 dBm	Auto Tun
- og 10.0 0.00 -10.0						Center Fre 11.000000000 GH
20.0				<u> </u>	-24.44 dBm	Start Fre 9.00000000 GH
50.0 60.0 70.0						Stop Fr 13.00000000 G
itart 9.000 GHz Res BW 100 k	Hz #	VBW 300 kHz		Sweep 38	Stop 13.000 GHz 4 ms (40001 pts)	CF Ste 400.000000 M Auto M
MKR MODE TRC SCL 1 N 1 f 2 - - - 3 - - - 4 - - - - 5 - - - - - 6 -	× 12.012 2 GH;	-52.00 dBm			FUNCTION VALUE	Freq Offs
7 8 9 10 11 12						
		1				1

	trum Analyzer - Sv								
Center F	RF 50 : Freq 15.000				ISE:INT	ALIGNAUTO E: Log-Pwr	TRAC	PM Jul 25, 2013 E 1 2 3 4 5 6 PE M WWWWW	Frequency
10 dB/div	Ref 20.00	IF	NO: Fast ⊊ Gain:Low	➡ Trig: Free #Atten: 30		 Mkr	[₪] 1 15.19	0 5 GHz 74 dBm	Auto Tune
10.00									Center Freq 15.00000000 GHz
-20.0 -30.0 -40.0					1			-24.44 dBm	Start Freq 13.000000000 GHz
-50.0 -60.0		gy (/ meaning a page 4) may be a first of a							Stop Freq 17.000000000 GHz
	100 kHz		#VB\	V 300 kHz			384 ms (4	.000 GHz 0001 pts)	CF Step 400.000000 MHz Auto Man
2 3 4 5 6 7		× 15.190	5 GHz	,46.74 dE		ICTION WIDTH	FUNCTIO		Freq Offset 0 Hz
8 9 10 11 12 MSG						STATUS	3		

<mark>gilent Sp</mark> RL	ectrun	n Analy RF	<mark>/zer - Sw</mark> 50 Ω					SE	VSE:INT			۵	LIGNAUTO	02:04	35 PM 10	25, 2013	
	r Fre		9.000		PN	Hz 10: Fast ain:Low		Trig: Fre #Atten: 3	e Run		Avg T		Log-Pwr	T	RACE 1 2 TYPE MW	2 3 4 5 6 NNNNN	Frequency
0 dB/di	iv	Ref	20.00	dBm			•						Mkı	1 20.8		GHz dBm	Auto Tui
og 10.0												_					Center Fre
0.00																	19.00000000 G
0.0												+				24.44 dBm	Start Fro
10.0			a du una inte st		المناصرانيا	-	4.00	- during a street	dana dan		ta sul suglitud.	Lougist	and the state of the state	h level on the minister of	and the last of	1	17.00000000 G
0.0	an de procé			al destation	en-franke			ي در بر المراجع الي وي المراجع المراجع المراجع الي المراجع الي المراجع الي المراجع المراجع المراجع ا		1		- operation	a para pina ang pina ang pina pina pina pina pina pina pina pina				Stop Fr 21.000000000 G
	7 00													0 4			21.000000000
tart 1 Res B	3W 1	00 k				#V	BW	300 kHz					Sweep		(4000	1 pts)	400.000000 14
Kr Mode 1 N 2	e trc 1	f		× 20).854 6	GHz		44.66 dl		FUNCT	ION	FUNC	TION WIDTH	FUNC	CTION VAL	UE	Auto N
3 4 5																	Freq Offs 0
6 7 8																	
9 0																	
1 2																	
G													STATU	5			

		ectru		alyzer																	
ιxvi Cer		Fre	RF ea 2		50 Ω		000	GHz	2			VSE:INT		Avg		ALIGNAUTO : Log-Pwr	0	TRAC	PM Jul 25, 20 E 1 2 3 4 5	56	Frequency
							J	PNO:	Fast ⊂ ∷Low		ig: Free tten: 30					Mk	r1 2	D		N N	Auto Tune
10 d Log	B/div	/	Rei	f 20.	.00 d	dBm	1												26 dBr		
10.0	-					-														-	Center Freq
0.00																					23.000000000 GHz
-20.0																			-24.44 dt	Эm	Start Freq
-30.0			-			-		+							_ 1					1	21.000000000 GHz
-40.0 -50.0		1	-	Lorbon	å antikas	Badaos	بالمردية ال		dilation	a lana	and the state	a have be by the	en justale			a sub-la sub-da	le le le le		medagara station)		
-60.0	1.144	- despe		n a strandar	da gran		al-teritory and		all-theory plat		Day of Long							1 Pater		_	Stop Freq
-70.0			_			-		+		_										-	25.00000000 GHz
	rt 21			Hz kHz					#\/B	M 30	0 kHz					Sweep			.000 GH		CF Step
	MODE						×		#VD	N JU			FUNC	TION		oweep		<u>`</u>	N VALUE	97 	400.000000 MHz <u>Auto</u> Man
<mark>1</mark> 2	Ν	1	f				23.681	2 G	Hz	-4:	2.26 dE	3m									
3																					Freq Offset
5 6																					0 Hz
7																					
9 10 11																				1	
12																					
MSG																STATU	JS				



Frequency	PM Jul 25, 2013 E 1 2 3 4 5 6	TRAC	ALIGNAUTO : Log-Pwr	Avg Tv	E:INT	SENS		AC DOO MHz	50 Ω	RF	· Fre		R
A		TYF	-			Trig: Free I #Atten: 30): Fast 😱 in:Low	PI	13.000	sq s		iter	
Auto Tu	04 MHz 81 dBm	1 526.2 -33.8	Mkr					Bm	20.00 c	Ref	v	B/di) d'
Center Fr													9 0.0
515.000000 M										_		\vdash	00
													1.0 1.0
Start Fr	-24.95 dBm) ¹).O
30.000000 N													0.0
Stop Fi	an the second death states to second	destination of states of a	local productions				te peter superiori					-	1.0
1.000000000	n a chland an an an Ala I an An T									- Aller I.			1.0 1.0
CF St 97.000000 M	0000 GHz 0001 pts)	Stop 1.0 3.3 ms (4	Sweep 9			300 kHz	#VBW		Hz		0.0 F W 1		
Auto N	N VALUE	FUNCTIO	ICTION WIDTH	TION F		Y -33.81 dBr	MHz	× 526.204		SCL f	E TRC	MODE N	R
Freq Off													2
0													1 5
													5
													3
) 1

Channel 07 (2452MHz)

Briter Pred 3.00000000 GHZ Trig: Free Run Auto T IFGain:Low #Atten: 30 dB Mkr1 2.459 5 GHz Auto T dB/div Ref 20.00 dBm -5.82 dBm Gener F 00 -5.82 dBm -5.82 dBm Stop 5.000 GHz 00 -2488 dBm -2488 dBm Stor 5.000 GHz 00 -2488 dBm -2488 dBm Stor 5.000 GHz 00 -2488 dBm -2488 dBm -2488 dBm 00 -2488 dBm -2488 dBm -2488		nalyzer - Swept SA RF 50 Ω AC		SENSE:INT	ALIGNAUTO Avg Type: Log-Pwr	02:17:59 PM Jul 25, 2013 TRACE 1 2 3 4 5 6	
IMART 2.459 5 GHz Source dB/div Ref 20.00 dBm -5.82 dBm a -5.82 dBm -5.82 dBm a -1 -1 -1 a -1 -1 -1 a -1 -1 -1 -1 a -1 -1 -1 -1 a -1 -1 -1 -1 -1 a -1 -1 -1 -1 -1 -1 a -1 <	enter Freq		PNO: Fast 😱 Tr		Avg Type: Log-Pwr	TYPE M MAAAAAAA	1
One Image: Start Field of the start start start 1.000 GHz #VBW 300 kHz Start Field of the start st	dB/div Re	ef 20.00 dBm			M		
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Stop F Stop 5.000 GHz art 1.000 GHz #VBW 300 kHz Sweep 384 ms (40001 pts) Auto Auto	0.0						Start Fr 1.000000000 G
0.0 Stop F 0.0 Stop 5.000 GHz aart 1.000 GHz #VBW 300 kHz Stop 5.000 GHz Stop 5.000 GHz 6 MODE IFFC ScL N 1 1 2.459 5 GHz 3 3 4 4 5 4 6 4	0.0						
Image: State in the s	distance in the part of						5 00000000 G
Res BW 100 kHz #VBW 300 kHz Sweep 384 ms (40001 pts) CF S 400.00000 R M000 TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION WID							
N 1 f 2.459 5 GHz -5.82 dBm			#VBW 30	0 kHz	Sweep		
2					ION FUNCTION WIDTH	FUNCTION VALUE	Auto M
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	4 5 7 3						
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Agilen	it Spe	ctru	m An	alyzer - Sv	vept SA													
LXI R		_	RF						SEI	NSE:IN	IT	A		ALIGN AUTO : Log-Pwr			PM Jul 25, 2013	
Cen	ter	Fre	eq	7.0000	00000		Z 10: Fast		Trig: Fre		ı	Avg	Type	: Log-Pwr		TY	PE MWWWW	
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10 d	B/div	<i>i</i>	Ref	f 20.00	dBm											-51.	67 dBm	
Log 10.0																		
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10.0																		
Star																Stop 9	9.000 GHz	CF Step
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MKB	MODE	TRC	SCL		×				Y		FUNC	TION	FUN	CTION WIDTH	1	FUNCTI	ON VALUE	<u>Auto</u> Man
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3																		Freq Offset
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6																		
7															-			
9																		
10 11															-			
12																		
MSG														STATI	JS			UL

	rum Analyzer - Sw						
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10 dB/div	Ref 20.00 (PNO: Fast IFGain:Low dBm			Mkr	TYPE MWWWWW DET P NNNN 1 12.722 7 GHz -52.03 dBm	Auto Tune
Log 10.0 0.00							Center Freq 11.000000000 GHz
-20.0 -30.0 -40.0						-24.95 dBm	Start Freq 9.000000000 GHz
-50.0 -60.0						ing market goals for a solution of the solution of	Stop Freq 13.000000000 GHz
Start 9.00 #Res BW	100 kHz	# V	BW 300 kHz	FUNCTION FU		Stop 13.000 GHz 84 ms (40001 pts)	CF Step 400.000000 MHz <u>Auto</u> Man
1 N 2 3 4 5 6 7 8 9 10 11 12 2 12		12.722 7 GHz	-52.03 dBn				Freq Offset
MSG					STATUS		



Agilent S	Spectrum /	Analyzer - Sw	rept SA								
uxu RL Cente		RF 50 ຊ 15.000	000000 G			SE:INT	Avg	ALIGNAUTO Type: Log-Pwr	TRA	PM Jul 25, 2013 ^{CE} 1 2 3 4 5 6	Frequency
			P IF:	NO: Fast C Gain:Low	Trig: Free #Atten: 30				D		Auto Tune
10 dB/	div R	ef 20.00	dBm					Mk	r1 16.86 -47.	54 GHz 24 dBm	
Log 10.0											Center Freq
0.00 —											15.000000000 GHz
-10.0											
-30.0										-24.95 dBm	Start Freq 13.00000000 GHz
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-50.0 - -60.0 🐂	- Industria		ور بينغ بورو يو								Stop Freq
-70.0 —											17.00000000 GHz
	13.000 BW 10				W 200 KU-			0		.000 GHz	CF Step
			×	#VB	W 300 kHz	FUN	ICTION	Sweep	384 ms (4		400.000000 MHz <u>Auto</u> Man
1 N 2		F	16.865	4 GHz	-47.24 dE	m					
3 4 5											Freq Offset 0 Hz
6 7											
8											
10 11 12						_					
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Agilent Spectrum Analyz					I.
RL RF Center Freq 19.	50 Ω AC 000000000 GHz PN0: Fast	SENSE:INT	ALIGNAUTO Avg Type: Log-Pwr	02:20:21 PM Jul 25, 2013 TRACE 1 2 3 4 5 6 TYPE MWWWWW	Frequency
	IFGain:Lov		Mkr	1 20.925 6 GHz -44.49 dBm	Auto Tune
10 dB/div Ref 20	0.00 dBm			-44.49 dBm	Center Fre
-10.0					19.000000000 GH
-20.0 -30.0 -40.0				-24.95 dBm	Start Fre 17.000000000 GH
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Start 17.000 GHz Res BW 100 kH	z #V	'BW 300 kHz	•	Stop 21.000 GHz 384 ms (40001 pts)	CF Ste 400.000000 MH Auto Ma
MKR MODE TRC SCL 1 N 1 f 2 - - - 3 - - - 4 - - -	× 20.925 6 GHz	-44.49 dBm	FUNCTION FUNCTION WIDTH	FUNCTION VALUE	Freq Offse
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8 9 10 11 12					
12 ISG			STATU	5	



		nalyzer - Swe									
Cent	er Freq		AC	Hz NO: Fast (NSE:INT	Avg Typ	ALIGNAUTO e: Log-Pwr	TRAC	PM Jul 25, 2013 E 1 2 3 4 5 6 PE MWWWWW	Frequency
			IF	Gain:Low	#Atten: 3	0 dB		Mkr	1 23.65	t 5 GHz 60 dBm	Auto Tune
10 dE Log 10.0 -	i/div Re	ef 20.00 c							-+2.		Center Freq 23.00000000 GHz
-10.0 -20.0 -30.0							1			-24.95 dBm	Start Freq 21.00000000 GHz
-40.0 - -50.0 - -60.0 -	n pangan di kana tippan) Kangan di kang kana di										Stop Freq 25.00000000 GHz
#Res	21.000 BW 100	kHz		#VB	W 300 KH2				384 ms (4	.000 GHz 0001 pts)	CF Step 400.000000 MHz Auto Man
1 2 3 4 5 6	N 1 f		× 23.651	5 GHz	-42.60 d			NCTION WIDTH	FUNCTIC	IN VALUE	Freq Offset
7 8 9 10 11 12											
MSG								STATUS	3		

6. Band Edge

6.1. Test Equipment

RF Radiated Measurement:

The following test equipments are used during the band edge tests:

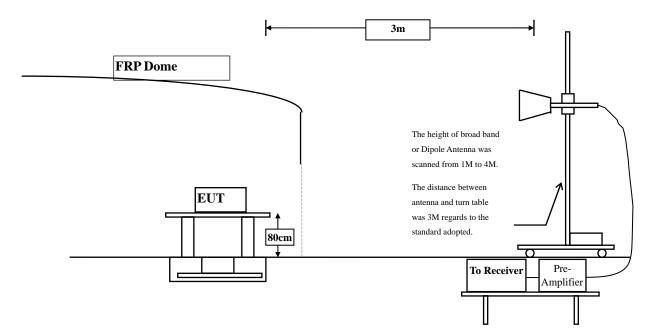
Test Site	Equipment		Manufacturer	Model No./Serial No.	Last Cal.
Site # 3	Bilog Antenna		Schaffner Chase	CBL6112B/2673	Sep., 2012
	Х	Horn Antenna	Schwarzbeck	BBHA9120D/D305	Sep., 2012
	Horn Antenna		Schwarzbeck	BBHA9170/208	Jul., 2013
	Х	Pre-Amplifier	Agilent	8447D/2944A09549	Sep., 2012
	Х	Spectrum Analyzer	Agilent	E4407B / US39440758	May, 2013
		Test Receiver	R & S	ESCS 30/ 825442/018	Sep., 2012
	Х	Coaxial Cable	QuieTek	QTK-CABLE/ CAB5	Feb., 2013
	Х	Controller	QuieTek	QTK-CONTROLLER/ CTRL3	N/A
	Х	Coaxial Switch	Anritsu	MP59B/6200265729	N/A

Note: 1. All instruments are calibrated every one year.

2. The test instruments marked by "X" are used to measure the final test results.

6.2. Test Setup

RF Radiated Measurement:



6.3. Limits

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 20dB below the level of the fundamental or to the general radiated emission limits in paragraph 15.209, whichever is the lesser attenuation.

6.4. Test Procedure

The EUT was setup according to ANSI C63.10: 2009 and tested according to DTS test procedure of KDB558074 for compliance to FCC 47CFR 15.247 requirements.

The EUT is placed on a turn table which is 0.8 meter above ground. The turn table is rotated 360 degrees to determine the position of the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.

The antenna is scanned from 1 meter to 4 meters to find out the maximum emission level. This is repeated for both horizontal and vertical polarization of the antenna. In order to find the maximum emission, all of the interface cables were manipulated according to ANSI C63.10: 2009 on radiated measurement.

6.5. Uncertainty

- ± 3.9 dB above 1GHz
- ± 3.8 dB below 1GHz

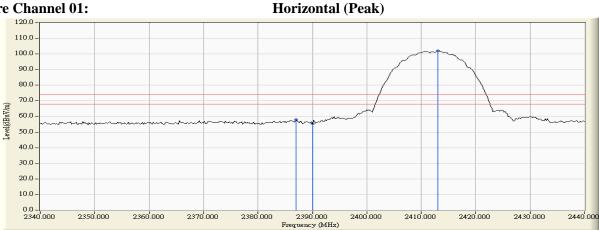
6.6. **Test Result of Band Edge**

Product	:	Angelcare Baby Monitor
Test Item	:	Band Edge Data
Test Site	:	No.3 OATS
Test Mode	:	Mode 1: Transmit (802.11b 1Mbps)

RF Radiated Measurement (Horizontal):

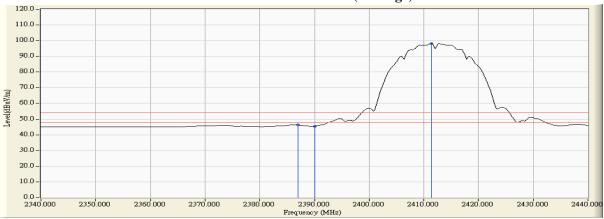
Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
01 (Peak)	2387.000	31.497	26.286	57.783	74.00	54.00	Pass
01 (Peak)	2390.000	31.509	23.969	55.478	74.00	54.00	Pass
01 (Peak)	2413.000	31.646	70.271	101.917			Pass
01 (Average)	2387.000	31.497	14.817	46.314	74.00	54.00	Pass
01 (Average)	2390.000	31.509	14.011	45.520	74.00	54.00	Pass
01 (Average)	2411.400	31.634	66.390	98.024			Pass

Figure Channel 01:





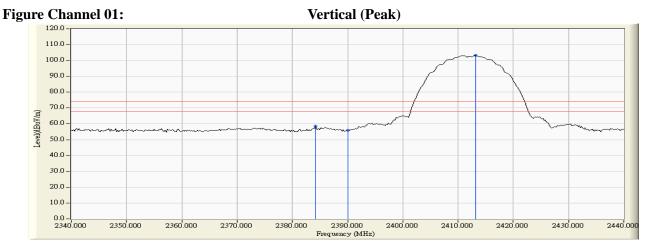
Horizontal (Average)

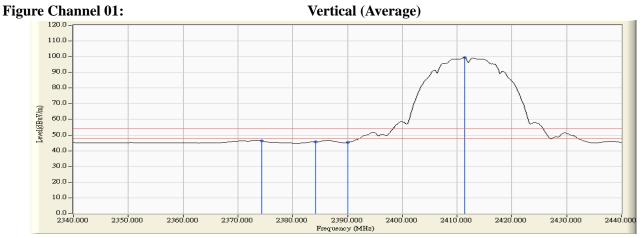


- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto. 2.
- Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto. 3.
- "*", means this data is the worst emission level. 4.
- Measurement Level = Reading Level + Correct Factor. 5.
- The average measurement was not performed when the peak measured data under the limit of average 6. detection.

Product	:	Angelcare Baby Monitor
Test Item	:	Band Edge Data
Test Site	:	No.3 OATS
Test Mode	:	Mode 1: Transmit (802.11b 1Mbps)

	Frequency	Correct Factor	Reading Level	Emission Level	Peak Limit	Average Limit	Result
Channel No.	(MHz)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dBuV/m)	Kesuit
01 (Peak)	2384.200	30.942	27.545	58.487	74.00	54.00	Pass
01 (Peak)	2390.000	30.915	25.066	55.981	74.00	54.00	Pass
01 (Peak)	2413.200	30.957	72.168	103.125			Pass
01 (Average)	2374.400	30.988	15.338	46.326	74.00	54.00	Pass
01 (Average)	2384.200	30.942	14.668	45.610	74.00	54.00	Pass
01 (Average)	2390.000	30.915	14.429	45.344	74.00	54.00	Pass
01 (Average)	2411.400	30.945	68.396	99.341			Pass

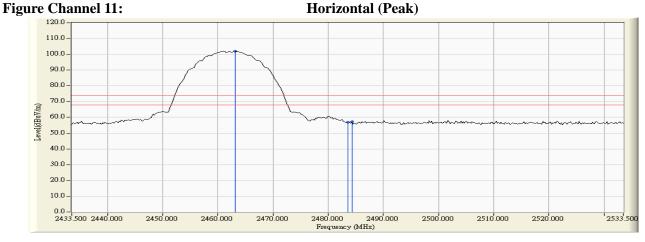


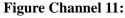


- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	Angelcare Baby Monitor
Test Item	:	Band Edge Data
Test Site	:	No.3 OATS
Test Mode	:	Mode 1: Transmit (802.11b 1Mbps)

Channel No.	1 2	Correct Factor	U	Emission Level		U	Result
	(MHz)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
11 (Peak)	2463.100	32.028	69.987	102.015			Pass
11 (Peak)	2483.500	32.182	24.808	56.990	74.00	54.00	Pass
11 (Peak)	2484.300	32.187	25.066	57.254	74.00	54.00	Pass
11 (Average)	2461.300	32.014	66.374	98.388			Pass
11 (Average)	2483.500	32.182	14.255	46.437	74.00	54.00	Pass
11 (Average)	2484.300	32.187	13.782	45.970	74.00	54.00	Pass





Horizontal (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	Angelcare Baby Monitor
Test Item	:	Band Edge Data
Test Site	:	No.3 OATS
Test Mode	:	Mode 1: Transmit (802.11b 1Mbps)

	Frequency	Correct Factor	Reading Level	Emission Level	Peak Limit	Average Limit	Result
Channel No.	(MHz)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dBuV/m)	Result
11 (Peak)	2463.100	31.298	71.125	102.423			Pass
11 (Peak)	2483.500	31.435	24.808	56.243	74.00	54.00	Pass
11 (Peak)	2486.500	31.456	26.170	57.626	74.00	54.00	Pass
11 (Average)	2461.300	31.286	67.543	98.829			Pass
11 (Average)	2483.500	31.435	15.478	46.913	74.00	54.00	Pass
11 (Average)	2486.500	31.456	14.451	45.907	74.00	54.00	Pass

Figure Channel 11:

Vertical (Peak)

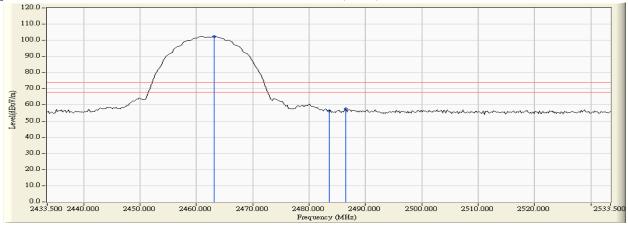


Figure Channel 11:

Vertical (Average) 120.0 110.0 100.0 90.0 80.08 70.0 Level(dBuV/m) 60.0 50.0 40.0 30.0 20.0

Note:

10.0

0.0 - 2433.500 2440.000

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.

2480.000

- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.

2470.000

"*", means this data is the worst emission level. 4.

2450.000

5. Measurement Level = Reading Level + Correct Factor.

2460.000

The average measurement was not performed when the peak measured data under the limit of average 6. detection.

2480.000 2490.000 Frequency (MHz)

2500.000

2510.000

2520.000

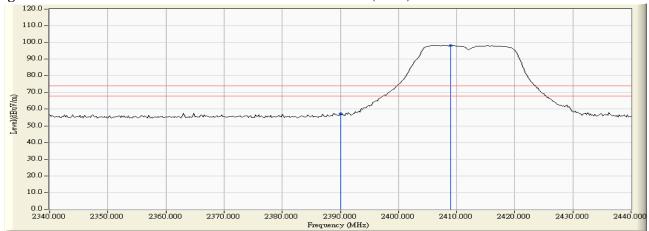
2533.500

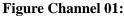
Product	:	Angelcare Baby Monitor
Test Item	:	Band Edge Data
Test Site	:	No.3 OATS
Test Mode	:	Mode 2: Transmit (802.11g 6Mbps)

Channel No.	Frequency	Correct Factor	Reading Level	Emission Level	Peak Limit	Average Limit	Result
	(MHz)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dBuV/m)	Result
01 (Peak)	2390.000	31.509	25.888	57.397	74.00	54.00	Pass
01 (Peak)	2409.000	31.618	66.642	98.260			Pass
01 (Average)	2390.000	31.509	12.990	44.499	74.00	54.00	Pass
01 (Average)	2407.600	31.608	57.777	89.386			Pass

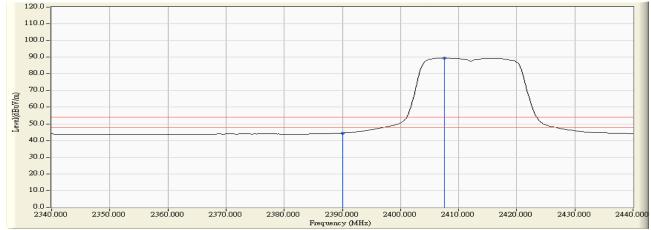
Figure Channel 01:

Horizontal (Peak)





Horizontal (Average)



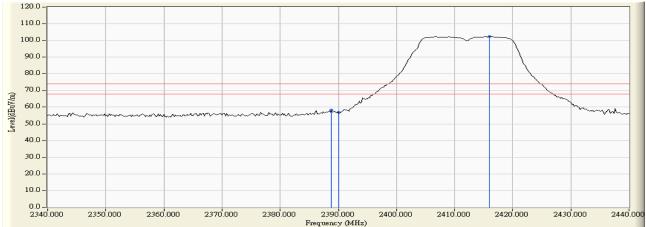
- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.

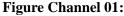
Product	:	Angelcare Baby Monitor
Test Item	:	Band Edge Data
Test Site	:	No.3 OATS
Test Mode	:	Mode 2: Transmit (802.11g 6Mbps)

Channel Ma	Frequency	Correct Factor	Reading Level	Emission Level	Peak Limit	Average Limit	Result
Channel No.	(MHz)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dBuV/m)	Result
01 (Peak)	2388.800	30.921	27.394	58.315	74.00	54.00	Pass
01 (Peak)	2390.000	30.915	26.120	57.035	74.00	54.00	Pass
01 (Peak)	2416.000	30.977	71.319	102.295			Pass
01 (Average)	2388.800	30.921	15.024	45.945	74.00	54.00	Pass
01 (Average)	2390.000	30.915	15.394	46.309	74.00	54.00	Pass
01 (Average)	2416.200	30.978	62.445	93.423			Pass

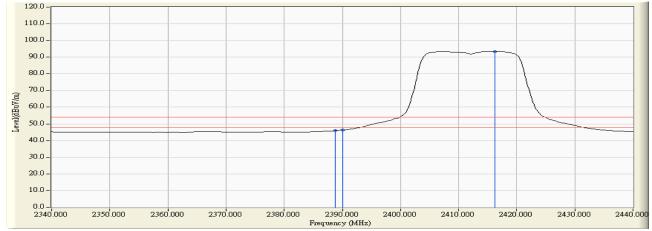
Figure Channel 01:

Vertical (Peak)





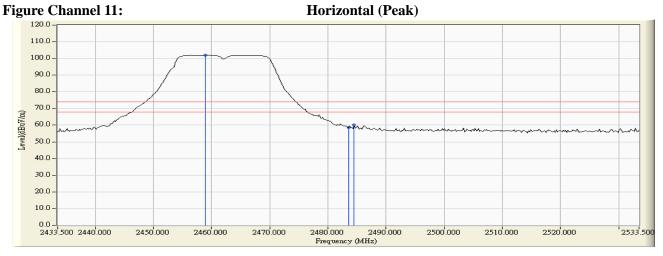
Vertical (Average)

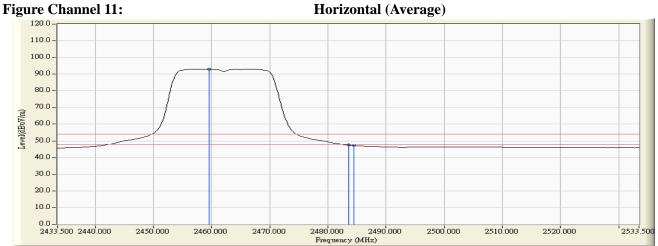


- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	Angelcare Baby Monitor
Test Item	:	Band Edge Data
Test Site	:	No.3 OATS
Test Mode	:	Mode 2: Transmit (802.11g 6Mbps)

Channel Ma	Frequency	Correct Factor	Reading Level	Emission Level	Peak Limit	Average Limit	Result
Channel No.	(MHz)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dBuV/m)	Kesuit
11 (Peak)	2458.900	31.997	70.042	102.038			Pass
11 (Peak)	2483.500	32.182	26.356	58.538	74.00	54.00	Pass
11 (Peak)	2484.500	32.190	27.831	60.021	74.00	54.00	Pass
11 (Average)	2459.500	32.001	61.051	93.051			Pass
11 (Average)	2483.500	32.182	15.299	47.481	74.00	54.00	Pass
11 (Average)	2484.500	32.190	14.997	47.187	74.00	54.00	Pass





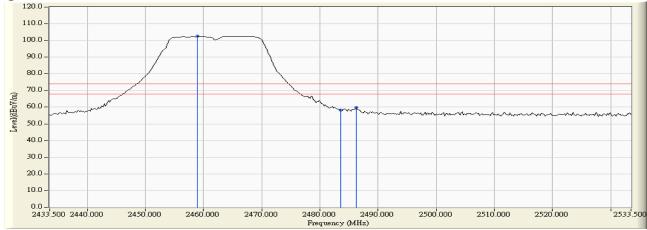
- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.

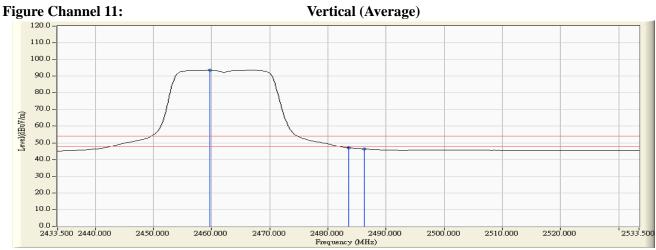
Product	:	Angelcare Baby Monitor
Test Item	:	Band Edge Data
Test Site	:	No.3 OATS
Test Mode	:	Mode 2: Transmit (802.11g 6Mbps)

	Frequency	Correct Factor	Reading Level	Emission Level	Peak Limit	Average Limit	Result
Channel No.	(MHz)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dBuV/m)	Result
11 (Peak)	2458.900	31.270	71.245	102.514			Pass
11 (Peak)	2483.500	31.435	26.701	58.136	74.00	54.00	Pass
11 (Peak)	2486.300	31.454	28.242	59.696	74.00	54.00	Pass
11 (Average)	2459.700	31.275	62.266	93.541			Pass
11 (Average)	2483.500	31.435	15.654	47.089	74.00	54.00	Pass
11 (Average)	2486.300	31.454	14.818	46.272	74.00	54.00	Pass

Figure Channel 11:

Vertical (Peak)





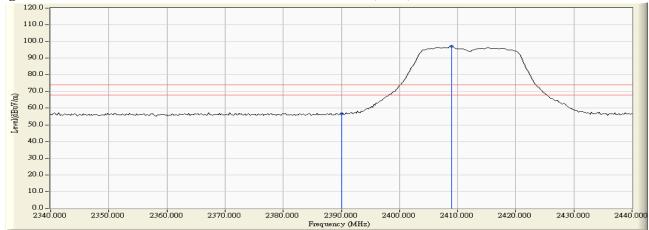
- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.

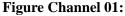
Product	:	Angelcare Baby Monitor
Test Item	:	Band Edge Data
Test Site	:	No.3 OATS
Test Mode	:	Mode 3: Transmit (802.11n MCS0 7.2Mbps 20M-BW)

Channel No.	Frequency	Correct Factor	Reading Level	Emission Level	Peak Limit	Average Limit	Result
	(MHz)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dBuV/m)	Result
01 (Peak)	2390.000	31.509	25.260	56.769	74.00	54.00	Pass
01 (Peak)	2409.000	31.618	65.476	97.094			Pass
01 (Average)	2390.000	31.509	12.601	44.110	74.00	54.00	Pass
01 (Average)	2406.800	31.604	55.025	86.629			Pass

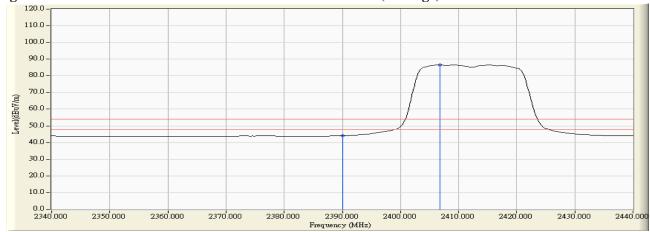
Figure Channel 01:

Horizontal (Peak)





Horizontal (Average)



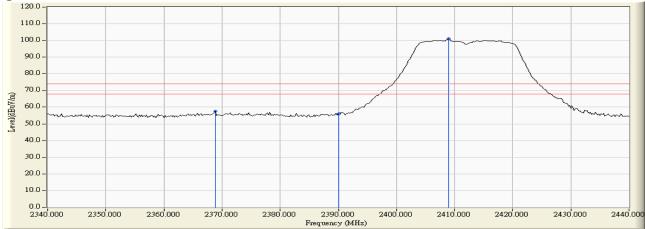
- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.

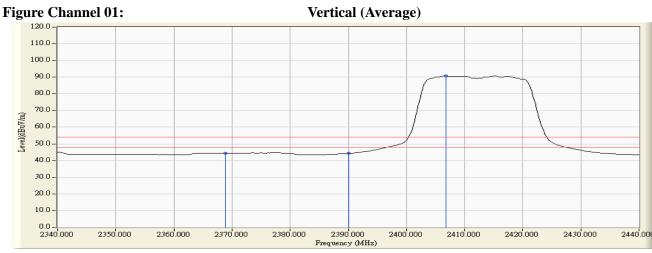
Product	:	Angelcare Baby Monitor
Test Item	:	Band Edge Data
Test Site	:	No.3 OATS
Test Mode	:	Mode 3: Transmit (802.11n MCS0 7.2Mbps 20M-BW)

Channel No.	Frequency	Correct Factor	Reading Level	Emission Level	Peak Limit	Average Limit	Result
	(MHz)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dBuV/m)	Kesuit
01 (Peak)	2368.800	31.013	26.449	57.462	74.00	54.00	Pass
01 (Peak)	2390.000	30.915	25.077	55.992	74.00	54.00	Pass
01 (Peak)	2409.000	30.937	69.943	100.880			Pass
01 (Average)	2368.800	31.013	13.530	44.543	74.00	54.00	Pass
01 (Average)	2390.000	30.915	13.386	44.301	74.00	54.00	Pass
01 (Average)	2406.800	30.931	59.689	90.620			Pass

Figure Channel 01:

Vertical (Peak)





- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	Angelcare Baby Monitor
Test Item	:	Band Edge Data
Test Site	:	No.3 OATS
Test Mode	:	Mode 3: Transmit (802.11n MCS0 7.2Mbps 20M-BW)

Channel No.	Frequency	Correct Factor	Reading Level	Emission Level	Peak Limit	Average Limit	Result
	(MHz)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dBuV/m)	Result
11 (Peak)	2458.900	31.997	67.679	99.675			Pass
11 (Peak)	2483.500	32.182	25.550	57.732	74.00	54.00	Pass
11 (Average)	2467.300	32.059	57.738	89.797			Pass
11 (Average)	2483.500	32.182	13.097	45.279	74.00	54.00	Pass

Figure Channel 11:

Horizontal (Peak)

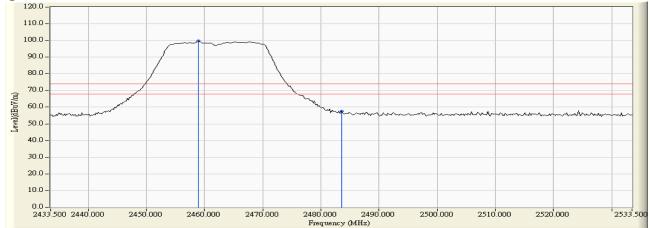
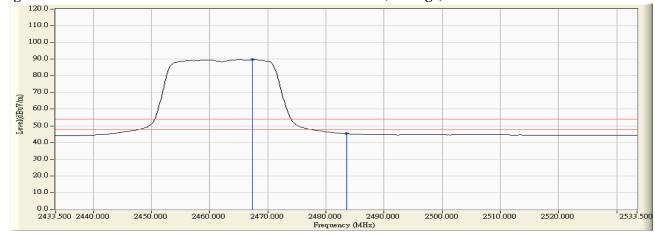


Figure Channel 11:

Horizontal (Average)



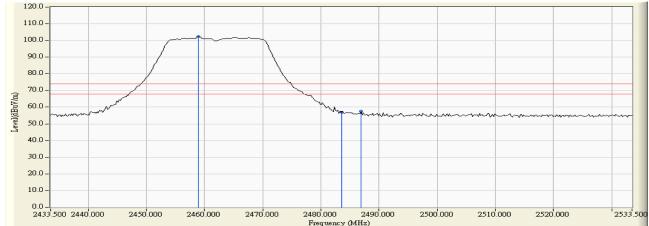
- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.

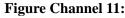
Product	:	Angelcare Baby Monitor
Test Item	:	Band Edge Data
Test Site	:	No.3 OATS
Test Mode	:	Mode 3: Transmit (802.11n MCS0 7.2Mbps 20M-BW)

	Frequency	Correct Factor	Reading Level	Emission Level	Peak Limit	Average Limit	Result
Channel No.	(MHz)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dBuV/m)	Result
11 (Peak)	2458.900	31.270	71.082	102.351			Pass
11 (Peak)	2483.500	31.435	25.399	56.834	74.00	54.00	Pass
11 (Peak)	2486.900	31.459	26.141	57.599	74.00	54.00	Pass
11 (Average)	2467.300	31.326	61.030	92.356			Pass
11 (Average)	2483.500	31.435	13.902	45.337	74.00	54.00	Pass
11 (Average)	2486.900	31.459	13.054	44.512	74.00	54.00	Pass

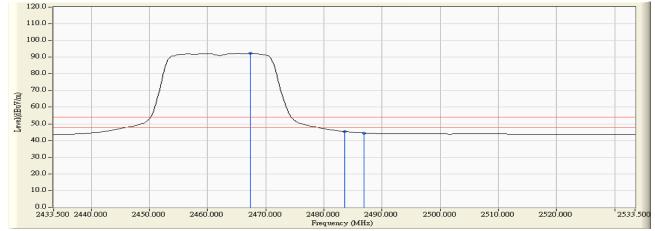
Figure Channel 11:

Vertical (Peak)





Vertical (Average)



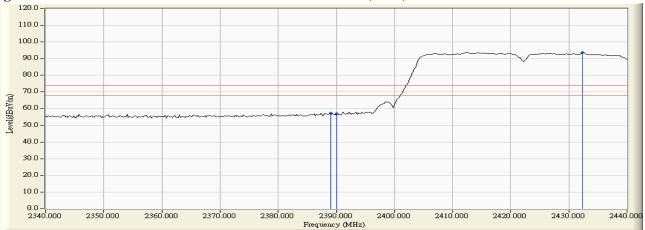
- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.

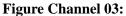
Product	:	Angelcare Baby Monitor
Test Item	:	Band Edge Data
Test Site	:	No.3 OATS
Test Mode	:	Mode 4: Transmit (802.11n MCS0 15Mbps 40M-BW)

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
	(IVITIZ)	(ub)	(ubuv)	(ubu v/III)	(ubu v/III)	(ubu v/III)	
03 (Peak)	2389.000	31.505	25.883	57.388	74.00	54.00	Pass
03 (Peak)	2390.000	31.509	25.582	57.091	74.00	54.00	Pass
03 (Peak)	2432.400	31.794	61.983	93.777			Pass
03 (Average)	2389.000	31.505	13.284	44.789	74.00	54.00	Pass
03 (Average)	2390.000	31.509	13.407	44.916	74.00	54.00	Pass
03 (Average	2413.000	31.646	52.556	84.202			Pass

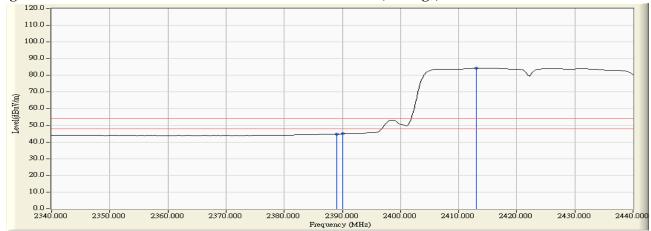


Horizontal (Peak)





Horizontal (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	Angelcare Baby Monitor
Test Item	:	Band Edge Data
Test Site	:	No.3 OATS
Test Mode	:	Mode 4: Transmit (802.11n MCS0 15Mbps 40M-BW)

	Frequency	Correct Factor	Reading Level	Emission Level	Peak Limit	Average Limit	Result
Channel No.	(MHz)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dBuV/m)	Result
03 (Peak)	2388.200	30.924	28.579	59.503	74.00	54.00	Pass
03 (Peak)	2390.000	30.915	26.680	57.595	74.00	54.00	Pass
03 (Peak)	2432.400	31.088	67.153	98.241			Pass
03 (Average)	2388.200	30.924	14.846	45.770	74.00	54.00	Pass
03 (Average)	2390.000	30.915	15.398	46.313	74.00	54.00	Pass
03 (Average	2416.600	30.981	57.803	88.784			Pass

Figure Channel 03:

Vertical (Peak)

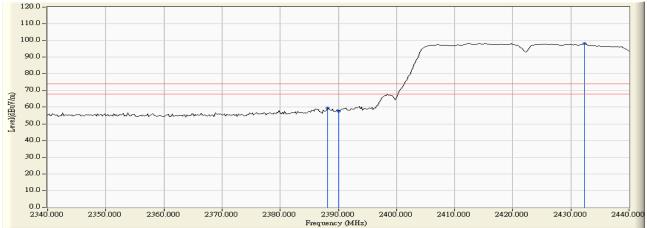
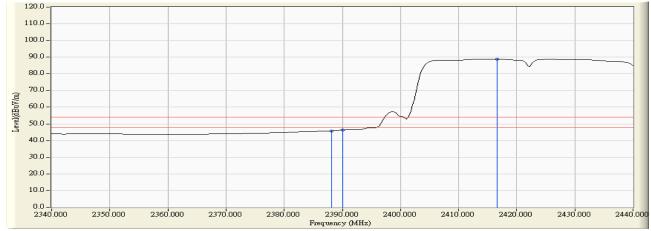


Figure Channel 03:

Vertical (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.



Product	:	Angelcare Baby Monitor
Test Item	:	Band Edge Data
Test Site	:	No.3 OATS
Test Mode	:	Mode 4: Transmit (802.11n MCS0 15Mbps 40M-BW)

	Frequency	Correct Factor	Reading Level	Emission Level	Peak Limit	Average Limit	Result
Channel No.	(MHz)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dBuV/m)	Kesuit
09 (Peak)	2462.300	32.022	64.413	96.435			Pass
09 (Peak)	2483.500	32.182	26.302	58.484	74.00	54.00	Pass
09 (Peak)	2487.900	32.216	27.226	59.441	74.00	54.00	Pass
09 (Average)	2442.900	31.874	55.004	86.878			Pass
09 (Average)	2483.500	32.182	14.249	46.431	74.00	54.00	Pass
09 (Average	2487.900	32.216	13.984	46.199	74.00	54.00	Pass

Figure Channel 09:

Horizontal (Peak)

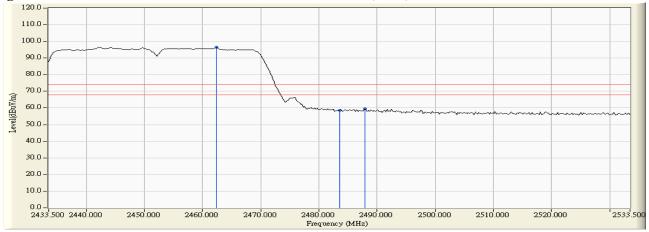
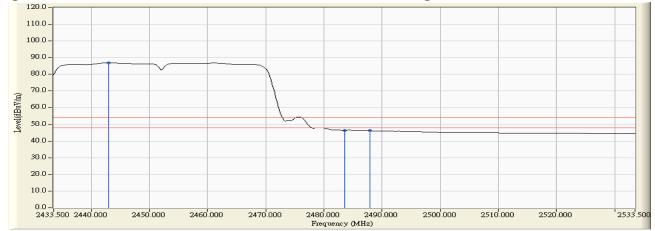


Figure Channel 09:

Horizontal (Average)



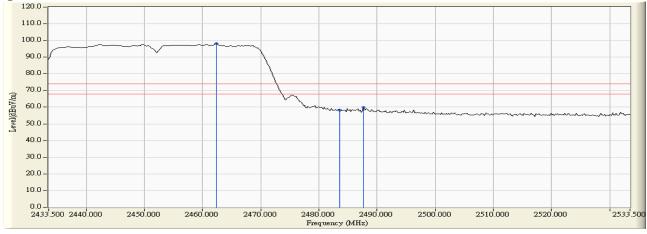
- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.

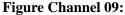
Product	:	Angelcare Baby Monitor
Test Item	:	Band Edge Data
Test Site	:	No.3 OATS
Test Mode	:	Mode 4: Transmit (802.11n MCS0 15Mbps 40M-BW)

	Frequency	Correct Factor	Reading Level	Emission Level	Peak Limit	Average Limit	Result
Channel No.	(MHz)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dBuV/m)	Kesuit
09 (Peak)	2462.300	31.293	66.831	98.123			Pass
09 (Peak)	2483.500	31.435	26.853	58.288	74.00	54.00	Pass
09 (Peak)	2487.700	31.463	28.339	59.803	74.00	54.00	Pass
09 (Average)	2461.300	31.286	57.174	88.460			Pass
09 (Average)	2483.500	31.435	15.024	46.459	74.00	54.00	Pass
09 (Average	2487.700	31.463	14.571	46.035	74.00	54.00	Pass

Figure Channel 09:

Vertical (Peak)





Vertical (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.

7. Occupied Bandwidth

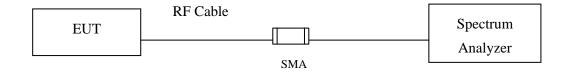
7.1. Test Equipment

	Equipment	Manufacturer	Model No./Serial No.	Last Cal.
	Spectrum Analyzer	R&S	FSP40 / 100170	Jun, 2013
	Spectrum Analyzer	Agilent	E4407B / US39440758	Jun, 2013
Х	Spectrum Analyzer	Agilent	N9010A / MY48030495	Apr., 2013

Note:

- 1. All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.
- 2. The test instruments marked with "X" are used to measure the final test results.

7.2. Test Setup



7.3. Limits

The minimum bandwidth shall be at least 500 kHz.

7.4. Test Procedure

The EUT was setup according to ANSI C63.10: 2009; tested according to DTS test procedure of KDB558074 for compliance to FCC 47CFR 15.247 requirements.

7.5. Uncertainty

 \pm 150Hz

7.6. Test Result of Occupied Bandwidth

Product	:	Angelcare Baby Monitor
Test Item	:	Occupied Bandwidth Data
Test Site	:	No.3 OATS
Test Mode	:	Mode 1: Transmit (802.11b 1Mbps) (2412MHz)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
1	2412	10200	>500	Pass

Figure Channel 1:

gilent Spectrum /			07				11.10.07		Г
enter Fred		AC 0000 GHz PNO: F IEGain:	ast 😱 Trig: Free	Run		ALIGN AUTO :: Log-Pwr	TRAC TYP	AM Jul 25, 2013 E 1 2 3 4 5 6 E MWWWWW T P N N N N N	Frequency
0 dB/div R	ef 20.00 dE		Low #Atten. 5	, 40		Mkr		90 GHz 52 dBm	Auto Tur
og 10.0 1.00			2 Alinaneran	Al Manna 3	Wuy.			1.44 dBm	Center Fr 2.412000000 G
0.0 0.0 0.0 0.0	1	manaly	¢´ "		Mr. No.	1 march			Start Fr 2.387000000 G
).0 <mark></mark>	for a	U				у ~	wy	hurberg by a start of the	Stop Fr 2.437000000 G
enter 2.412 Res BW 100		I	#VBW 300 kHz			Sweep	Span 5 4.80 ms (<u> </u>	CF St 5.000000 M
MODE TRC S 1 N 1 1 2 N 1 1 3 N 1 1 4	F	× 2.413 00 GH 2.406 90 GH 2.417 10 GH	lz -0.52 dE	3m	N FUN	CTION WIDTH	FUNCTIO	N VALUE	Auto M Freq Offs 0
7									
G						STATUS	;		L

Product	:	Angelcare Baby Monitor
Test Item	:	Occupied Bandwidth Data
Test Site	:	No.3 OATS
Test Mode	:	Mode 1: Transmit (802.11b 1Mbps) (2437MHz)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
6	2437	10200	>500	Pass

Figure Channel 6:

gilent Spectru	u <mark>m Analyzer - Swe</mark> RF 50 Ω	pt SA AC		0710	e nur			44.55.50		Ir.
	eq 2.43700	0000 GHz	: Fast G	7		Avg Typ	ALIGNAUTO	TRAC TYL	AM Jul 25, 2013 E 1 2 3 4 5 6 PE MWWWWW ET P N N N N N	Frequency
0 dB/div	Ref 20.00 d		in:Low	whiteli o			Mkı		90 GHz 08 dBm	Auto Tun
og 0.0 1.00 0.0			الممعو	2 annand	www.w	3			0.07 dBm	Center Fre 2.437000000 GH
0.0 0.0 0.0		www.w.	John Company				Marcon 1	and permised		Start Fr 2.412000000 G
0.0 <mark>Horsyyt</mark> 0.0 0.0	meturne por	۰ ۷							Maghap	Stop Fr 2.462000000 G
Res BW			#VBW	/ 300 kHz			-	4.80 ms (CF Ste 5.000000 M Auto M
MODE TR 1 N 1 2 N 1 3 N 1 4 - - 5 - - 6 - -	f f f f	× 2.436 50 2.431 90 2.442 10	GHz	≚ 6.07 dBi -2.08 dBi -1.86 dBi	n n		UNCTION WIDTH	FUNCTIC		Freq Offs
7 B D 1 2										
3							STATU	s		

Product	:	Angelcare Baby Monitor
Test Item	:	Occupied Bandwidth Data
Test Site	:	No.3 OATS
Test Mode	:	Mode 1: Transmit (802.11b 1Mbps) (2462MHz)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
11	2462	10200	>500	Pass

Figure Channel 11:

Agilent Spectrum Analyze	r - Swept SA							
Center Freq 2.46	50 Ω AC 50 Ω	SENSE:INT	ALIGN A	-Pwr TRACE 1 2 3 4 5 6	Frequency			
	PHO: Fast Ing: Free Run IFGain:Low #Atten: 30 dB Mkr2 2.456 90 GHz							
10.0 0.00		2 1	MAAN 3	1.36 dBm	Center Freq 2.462000000 GHz			
-20.0 -30.0 -40.0	a promotion of			and palling	Start Fred 2.437000000 GH:			
-50.0					Stop Free 2.487000000 GH;			
Center 2.46200 G #Res BW 100 kHz		300 kHz		Span 50.00 MHz eep 4.80 ms (1001 pts) wiothi Function Value	CF Step 5.000000 MH Auto Mar			
1 N 1 f 2 N 1 f 3 N 1 f 4 5 6	2.461 50 GHz 2.456 90 GHz 2.467 10 GHz	7.36 dBm -0.51 dBm -1.15 dBm			Freq Offse			
7 8 9 10 11 12								
MSG				STATUS	<u> </u>			

Product	:	Angelcare Baby Monitor
Test Item	:	Occupied Bandwidth Data
Test Site	:	No.3 OATS
Test Mode	:	Mode 2: Transmit (802.11g 6Mbps) (2412MHz)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
1	2412	16600	>500	Pass

Figure Channel 1:

Agilent Spectrum Analyzer - Sw					
ଅଷ୍ଟ ⊾ ା ଲ⊧ ା 50 ଘ Center Freq 2.41200	00000 GHz		ALIGN AUTO Avg Type: Log-Pwr	01:06:16 PM Jul 25, 2013 TRACE 1 2 3 4 5 6	Frequency
10 dB/div Ref 20.00	PNO: Fast 🖵 IFGain:Low dBm	j Trig: Free Run #Atten: 30 dB	Mkr	TYPE MUNICULA DET P NNNNN 2 2.403 70 GHz -6.03 dBm	Auto Tune
10.0 0.00 -10.0	2	1		-5.95 dBm	Center Freq 2.412000000 GHz
-20.0 -30.0 -40.0	www.www.www.			man har our and hard	Start Fred 2.387000000 GHz
-60.0					Stop Free 2.437000000 GH:
Center 2.41200 GHz #Res BW 100 kHz	#VBW	/ 300 kHz	•	Span 50.00 MHz 4.80 ms (1001 pts)	CF Step 5.000000 MH
MKE MODE TEC SEL 1 N 1 f 2 N 1 f 3 N 1 f 5	X 2.409 50 GHz 2.403 70 GHz 2.420 30 GHz	Y 0.05 dBm -6.03 dBm -6.89 dBm	FUNCTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Mar Freq Offsel 0 Hz
12 MSG			STATUS		

Product	:	Angelcare Baby Monitor
Test Item	:	Occupied Bandwidth Data
Test Site	:	No.3 OATS
Test Mode	:	Mode 2: Transmit (802.11g 6Mbps) (2437MHz)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
6	2437	16600	>500	Pass

		8			
Agilent Spectrum Analyzer - Sw					
	2 AC	SENSE:INT	ALIGNAUTO	01:14:37 PM Jul 25, 2013	Frequency
Center Freq 2.4370		Trig: Free Run	Avg Type: Log-Pwr	TRACE 123456	
	PNO: Fast 🕞 IFGain:Low	#Atten: 30 dB		DET P N N N N N	
	ii GuillEof#		Miler		Auto Tur
			IVIKIZ	2 2.428 70 GHz	
10 dB/div Ref 20.00	dBm			-5.60 dBm	
_og					
10.0	2				Center Fre
0.00	2	and the second second	3	-5.44 dBm	2.437000000 GI
10.0			Y	-0.44 dbm	
20.0	all		Na.		Start Fre
30.0	1 mlmall .		Multi and a second seco		2.412000000 GH
40.0	- And a star		The second se	montheast	2.412000000 Gr
with the law of the				- mar march	
50.0					
60.0					Stop Fre
70.0					2.462000000 GI
70.0					
Center 2.43700 GHz				Span 50.00 MHz	
Res BW 100 kHz	#\/B\A	(300 kHz	Sween /	1.80 ms (1001 pts)	CF Ste
TC3 DW TOO KHZ	#*D*	7 300 KHZ	oweep -		5.000000 MI
IKR MODE TRC SCL	×		NCTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Ma
1 N 1 f	2.434 50 GHz	0.56 dBm			
2 N 1 f 3 N 1 f	2.428 70 GHz 2.445 30 GHz	-5.60 dBm -6.52 dBm			
4	2.440 00 0112	-0.52 dBill			Freq Offs
5					0
6					
7 8					
9					
10					
11					
12		I			
SG			STATUS		
			1		

Product	:	Angelcare Baby Monitor
Test Item	:	Occupied Bandwidth Data
Test Site	:	No.3 OATS
Test Mode	:	Mode 2: Transmit (802.11g 6Mbps) (2462MHz)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
11	2462	16600	>500	Pass

Agilent Spectrum Analyzer - Swep	ot SA				
₩ RL RF 50Ω Center Freq 2.462000		SENSE:INT	ALIGN AUTO Avg Type: Log-Pwr	01:21:39 PM Jul 25, 2013 TRACE 1 2 3 4 5 6 TYPE MWWWWW	Frequency
10 dB/div Ref 20.00 dl	PNO: Fast ⊊ IFGain:Low Bm	#Atten: 30 dB	Mkr	2 2.453 70 GHz -5.33 dBm	Auto Tune
10.0 0.00 -10.0	2	1	3	-5.17 dBm	Center Fred 2.462000000 GH;
-20.0 -30.0 -40.0	North and Barry Martin Alexandre			Marine and a second from	Start Free 2.437000000 GH:
-50.0					Stop Free 2.487000000 GH
Center 2.46200 GHz #Res BW 100 kHz		/ 300 kHz	•	Span 50.00 MHz 4.80 ms (1001 pts)	CF Ster 5.000000 MH Auto Mar
MKE MODE IFIC SCL 1 N 1 f 2 N 1 f 3 N 1 f 4 - - - 5 - - - 6 - - - 7 - - - 8 - - -	× 2.453 50 GHz 2.453 70 GHz 2.470 30 GHz	Y 0.83 dBm -5.33 dBm -6.37 dBm	FUNCTION FUNCTION WIDTH	FUNCTION VALUE	Freq Offse
0 9 10 11 11 12 MSG 11			STATUS		

Product	:	Angelcare Baby Monitor
Test Item	:	Occupied Bandwidth Data
Test Site	:	No.3 OATS
Test Mode	:	Mode 3: Transmit (802.11n MCS0 7.2Mbps 20M-BW) (2412MHz)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
1	2412	17750	>500	Pass

Agilent Spectrum Analyzer - Swept SA							
X RL RF 50 Ω AC Center Freq 2.41200000		SENSE:IN	Avg Type:	LIGNAUTO Log-Pwr	TRAC	M Jul 25, 2013 E 1 2 3 4 5 6 E MWWWWW	Frequency
10 dB/div Ref 20.00 dBm	PNO: Fast 🕞 IFGain:Low	J Trig: Free Run #Atten: 30 dB	1	Mkr	DE 2 2.403	10 GHz 54 dBm	Auto Tun
- 09 10.0 0.00 10.0	2 minune	1	······································			-7.02 dBm	Center Fre 2.412000000 GH
20.0 30.0 40.0 50.0 alling have a strength and the strength of				Marger W. Wager		Marthywww	Start Fre 2.387000000 Gł
60.0							Stop Fre 2.437000000 GH
Center 2.41200 GHz Res BW 100 kHz	#VBW	300 kHz			4.80 ms (0.00 MHz 1001 pts)	CF Ste 5.000000 MI
2 N 1 f 2.	409 10 GHz 403 10 GHz 420 85 GHz	Y -1.02 dBm -7.64 dBm -7.17 dBm			FUNCTIO	N VALUE	A <u>uto</u> Ma FreqOffsi 0 F
sg	·			STATUS			

Product	:	Angelcare Baby Monitor
Test Item	:	Occupied Bandwidth Data
Test Site	:	No.3 OATS
Test Mode	:	Mode 3: Transmit (802.11n MCS0 7.2Mbps 20M-BW) (2437MHz)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
6	2437	17800	>500	Pass

		0			
Agilent Spectrum Analyzer - Swe					
<mark>0 RL RF 50 Ω</mark>		SENSE:INT	ALIGN AUTO	01:36:42 PM Jul 25, 2013	Frequency
Center Freq 2.43700			Avg Type: Log-Pwr	TRACE 123456 TYPE MWWWWWW	Frequency
	PNO: Fast 🕞	」 Trig: Free Run #Atten: 30 dB		DET P N N N N N	
	IFGain:Low	#Atten: 30 dB			Auto Tu
			Mkr2	2 2.428 10 GHz	Auto Tu
10 dB/div Ref 20.00 d	IBm			-7.30 dBm	
10.0					Contor Er
	▲2				Center Fr
0.00		mound marine		-6.94 dBm	2.437000000 G
10.0			Y I	-0.04 dbii	
			- <u>\</u>		
20.0	8		h h		Start Fr
30.0	- And a start		- Marny		2.412000000 G
40.0	Warder and a start of the start		Mary Mary	moli	2.412000000 G
a warman warman				manangen	
50.0					
50.0					Stop Fr
					2.462000000 G
70.0					2.4020000000
enter 2.43700 GHz				Span 50.00 MHz	CF St
Res BW 100 kHz	#VBW	/ 300 kHz	Sweep 4	l.80 ms (1001 pts)	5.000000 M
KR MODE TRC SCL	×	Y FI	INCTION FUNCTION WIDTH	FUNCTION VALUE	Auto M
	2.434 15 GHz	-0.94 dBm	INCLICIN FORCHON WIETH	FONCTION VALUE	
2 N 1 f	2.428 10 GHz	-7.30 dBm			
3 N 1 f	2.445 90 GHz	-7.47 dBm			Freq Offs
4					0
5					U
6 7					
8					
9					
10					
11					
12					
SG			STATUS		
			014100		

Product	:	Angelcare Baby Monitor
Test Item	:	Occupied Bandwidth Data
Test Site	:	No.3 OATS
Test Mode	:	Mode 3: Transmit (802.11n MCS0 7.2Mbps 20M-BW) (2462MHz)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
11	2462	17800	>500	Pass

		8			
Agilent Spectrum Analyzer - Sv	wept SA				
XIRL RF 50	Ω AC	SENSE:INT	ALIGNAUTO	01:43:41 PM Jul 25, 2013	E
Center Freq 2.4620	00000 GHz	7	Avg Type: Log-Pwr	TRACE 1 2 3 4 5 6	Frequency
	PNO: Fast	Trig: Free Run #Atten: 30 dB		TYPE MWWWWW DET P N N N N N	
	IFGain:Low	#Atten: 30 db			Auto Tur
			Mkr2	2 2.453 10 GHz	Auto Tur
10 dB/div Ref 20.00	dBm			-7.21 dBm	
10.0		.1			Center Fre
0.00	▲2	$ \langle \rangle' $	6.0		
0.00	- www.	Mary mary moura	(manual)	-6.54 dBm	2.462000000 G
-10.0		-			
-20.0	and a second sec		<u> </u>		
	and the second se		A Constant		Start Fr
-30.0	Lynn Marine		Manna -	manyuntan	2.437000000 G
-40.0	6 Arrando		- Contraction of the second se	Mannah	
-50.0 why Man have not the				the way way and	
-30.0					01 F
-60.0					Stop Fr
-70.0					2.487000000 G
10.0					
Center 2.46200 GHz				Span 50.00 MHz	
#Res BW 100 kHz	#\/B1	N 300 kHz	Sween	1.80 ms (1001 pts)	CF Ste
TOO KIIZ	#*D1	W JOO KHZ	Gweep 4	1.00 ms (1001 pts)	5.000000 M
MKR MODE TRC SCL	×		FUNCTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> M
1 N 1 f	2.459 10 GHz	-0.54 dBm			
2 N 1 f 3 N 1 f	2.453 10 GHz	-7.21 dBm			
3 N 1 f	2.470 90 GHz	-7.09 dBm			Freq Offs
5					0
6					
7					
8 9					
10					
11					
12					
ISG			STATUS		

Product	:	Angelcare Baby Monitor
Test Item	:	Occupied Bandwidth Data
Test Site	:	No.3 OATS
Test Mode	:	Mode 4: Transmit (802.11n MCS0 15Mbps 40M-BW) (2422MHz)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
3	2422	36600	>500	Pass

Agilent Spectrum Analyzer							
Center Freq 2.42	50 Ω AC	SENSE:IN	AVG Type:	LIGNAUTO	TRAC	M Jul 25, 2013	Frequency
	PNO: Fast IFGain:Low	Trig: Free Rui #Atten: 30 dB	n	Mk	.r2 2.403	TPNNNN 7 GHz 7 dBm	Auto Tune
10 dB/div Ref 20.1	00 dBm	1 www.anderson.org	hermony 3		-12.0	-10.36 dBm	Center Fre 2.422000000 G⊦
20.0 30.0 40.0	and any desired of the second s			Who galling		Mandana	Start Fre 2.372000000 GF
50.0 august (1997) 60.0 70.0							Stop Fre 2.472000000 GH
Center 2.42200 GH Res BW 100 kHz		300 kHz		Sweep	Span 1 9.60 ms (′	<u> </u>	CF Ste 10.000000 Mi
MKR MODE TRC SCL 1 N 1 f 2 N 1 f 3 N 1 f 4 - - - 5 - - - 6 - - -	× 2.414 3 GHz 2.403 7 GHz 2.440 3 GHz	4.36 dBm -12.07 dBm -12.82 dBm	FUNCTION FUNC	CTION WIDTH	FUNCTIO	N VALUE	Auto Ma FreqOffs 0 H
8 9 9 10 11 11 12 12 14 14 14 14 14 14 14 14 14 14 14 14 14				STATUS			

Product	:	Angelcare Baby Monitor
Test Item	:	Occupied Bandwidth Data
Test Site	:	No.3 OATS
Test Mode	:	Mode 4: Transmit (802.11n MCS0 15Mbps 40M-BW) (2437MHz)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
6	2437	36600	>500	Pass

		0			
Agilent Spectrum Analyzer - Sv	vept SA				
XIRL RF 50 S	Ω AC	SENSE:INT	ALIGN AUTO	02:00:29 PM Jul 25, 2013	F
Center Freg 2.4370	00000 GHz	7	Avg Type: Log-Pwr	TRACE 1 2 3 4 5 6	Frequency
	PNO: Fast	Trig: Free Run #Atten: 30 dB		TYPE M WAWAAAA DET P N N N N N	
	IFGain:Low	#Atten: 30 dB		,	Auto Tur
			Mk	r2 2.418 7 GHz	Auto Tui
10 dB/div Ref 20.00	dBm			-11.92 dBm	
Log					
10.0					Center Fre
0.00					2.437000000 G
	A2 10000	momphen wing	manan 3	-10.30 dBm	2.437000000 G
10.0		¥		-10.30 dbm	
20.0		¥			
30.0			l l		Start Fr
	and the		Lum.		2.387000000 G
10.0	WEIMP Y		TY Solding	malineritation	
10.0					
					Stop Fr
50.0					2.487000000 G
70.0					2.487000000 G
enter 2.43700 GHz				Span 100.0 MHz	CF Ste
Res BW 100 kHz	#VB	V 300 kHz	Sweep 9	9.60 ms (1001 pts)	10.000000 M
IKR MODE TRC SCL	×	Y E	NCTION FUNCTION WIDTH	FUNCTION VALUE	Auto M
1 N 1 f	2.439 1 GHz	-4.30 dBm	Notion Tonenon width	TORCHOR WALDE	
2 N 1 f	2.418 7 GHz	-11.92 dBm			
3 N 1 f	2.455 3 GHz	-12.33 dBm			Freq Offs
4					
5 6					•
7					
8					
9					
10					
12					
		1	· · · · ·		
SG			STATUS		

Product	:	Angelcare Baby Monitor
Test Item	:	Occupied Bandwidth Data
Test Site	:	No.3 OATS
Test Mode	:	Mode 4: Transmit (802.11n MCS0 15Mbps 40M-BW) (2452MHz)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
9	2452	36600	>500	Pass

	<u> </u>				
Agilent Spectrum Analyzer - Swept SA					
LX/RL RF 50Ω AC	SEN			PM Jul 25, 2013	F
Center Freg 2.452000000 GHz		Avg Type	:Log-Pwr TRA	CE 1 2 3 4 5 6	Frequency
	: Fast 🖵 Trig: Free		TY	PE MWWWWW ET PINNNNN	
IFGai	n:Low #Atten: 30) dB	L	ciji	• • • • • • • •
			Mkr2 2.43	3 7 GHz	Auto Tun
10 dB/div Ref 20.00 dBm				83 dBml	
10.0					0 a má a m 5 m
					Center Fre
0.00	2		2		2.452000000 GH
-10.0	- monther and manual	manus and	,	-10.85 dBm	
	· 🔰	Y I		∣ ∎⊢	
-20.0					Start Fre
-30.0					
-40.0			Wm		2.402000000 GH
-40.0 -50.0 state water with month in the opport			Man and a second and a second and a	MARKEL .	
-50.0				there was	
-60.0					Stop Fre
					2.502000000 GH
-70.0					2.00200000000
Center 2.45200 GHz				00.0 MHz	CF Ste
#Res BW 100 kHz	#VBW 300 kHz		Sweep 9.60 ms	(1001 pts)	10.000000 MH
		cuperiou cupi			Auto Ma
MKR MODE TRO SCL X 1 N 1 f 2.447 9 G	GHz -4.85 dB		CTION WIDTH FUNCTION	IN VALUE	
2 N 1 f 2.44796					
3 N 1 f 2.4703 G					Freq Offs
4					•
5					0 F
6					
7					
8 9					
10					
11					
12					
			STATUS		
MSG			STATUS		

8. **Power Density**

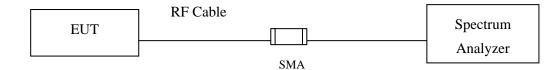
8.1. Test Equipment

	Equipment	Manufacturer	Model No./Serial No.	Last Cal.
	Spectrum Analyzer	R&S	FSP40 / 100170	Jun, 2013
	Spectrum Analyzer	Agilent	E4407B / US39440758	Jun, 2013
Х	Spectrum Analyzer	Agilent	N9010A / MY48030495	Apr., 2013

Note:

- 1. All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.
- 2. The test instruments marked with "X" are used to measure the final test results.

8.2. Test Setup



8.3. Limits

The transmitted power density averaged over any 1 second interval shall not be greater +8dBm in any 3kHz bandwidth.

8.4. Test Procedure

The EUT was setup according to ANSI C63.10, 2009; tested according to DTS test procedure of KDB 558074 for compliance to FCC 47CFR 15.247 requirements. The maximum power spectral density using KDB 558074 section 10.2 PKPSD (peak PSD) method.

8.5. Uncertainty

 \pm 1.27 dB

8.6. Test Result of Power Density

Product	:	Angelcare Baby Monitor
Test Item	:	Power Density Data
Test Site	:	No.3 OATS
Test Mode	:	Mode 1: Transmit (802.11b 1Mbps) (2412MHz)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	6.16	< 8dBm	Pass

Center Freq 2.412000000 GHz Avg Type: Log-Pwr Trace [] 2.345.5 Frequency PH0: Fast IFGain:Low Trig: Free Run #Atten: 30 dB Mkr1 2.411 495 1 GHz 6.16 dBm Auto Tu 10 dB/div Ref 20.00 dBm 6.16 dBm Center Fr 2.41200000 G Center Fr 2.41200000 G 10.0	Agilent Spectrum Analyzer - Swep					
PIO: Fast IFGam:Low Trig: Free Run #Atten: 30 dB Mkr1 2.411 495 1 GHz 6.16 dBm Auto Tu 00 dB/div Ref 20.00 dBm 6.16 dBm Center Fr 2.41200000 G Center Fr 2.41200000 G 000 000 000 000 000 000 Start Fr 2.404350000 G 000 000 000 000 000 000 000 000 000<			SENSE:INT		TRACE 1 2 3 4 5 6	Frequency
10.0 1	10 dB/div Ref 20.00 dE	PNO: Fast 🕞 IFGain:Low			DET NNNN 2.411 495 1 GHz	Auto Tune
10.0 10.0			h m	And a constant		Center Free 2.412000000 GH
30.0 30.0 Stop Fr 40.0 CF St 50.0 CF St 50.0 Stop Fr 60.0 Stop Fr 70.0 Stop Fr 70.0 <td< td=""><td>~~~~~~~~~ / I</td><td></td><td></td><td></td><td>- Maria</td><td>Start Free 2.404350000 GH</td></td<>	~~~~~~~~~ / I				- Maria	Start Free 2.404350000 GH
4.00 1.530000 M 500 1.530000 M 600 Freq Offs 700 1.51000 M 700 Span 15.30 MHz						Stop Fre 2.419650000 GH
70.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0						CF Ste 1.530000 MH <u>Auto</u> Ma
Center 2.412000 GHz Span 15.30 MHz	60.0					Freq Offse 0 ⊢
	-70.0 Center 2.412000 GHz #Res BW 100 kHz	#VBW	300 kHz	Sween	Span 15.30 MHz 1 47 ms (1001 nts)	
ASG STATUS	MSG		500 KHZ			L

Product	:	Angelcare Baby Monitor
Test Item	:	Power Density Data
Test Site	:	No.3OATS
Test Mode	:	Mode 1: Transmit (802.11b 1Mbps) (2437MHz)

Channel No.	Frequency (MHz)	Measurement Level (dBm)	Required Limit (dBm)	Result
6	2437	5.91	< 8dBm	Pass

0.0	ef 20.00 d	IFO	NO: Fast G	기 Trig: Free #Atten: 30			Mkr1 2	.437 504	4 9 GHz 91 dBm	Auto Tur
0.0 	n /~~	a								
· ~~	0 /000	a Andre	h A A.	m	the second	han				Center Fre 2.437000000 GF
0.0	\mathbb{V}	the the the							May	Start Fr 2.429350000 G
0.0										Stop Fr 2.444650000 G
D.O										CF St 1.530000 M <u>Auto</u> M
0.0										Freq Offs 0
enter 2.437 Res BW 10				300 kHz				Span 1: 1.47 ms (5.30 MHz	

Product	:	Angelcare Baby Monitor
Test Item	:	Power Density Data
Test Site	:	No.3 OATS
Test Mode	:	Mode 1: Transmit (802.11b 1Mbps) (2462MHz)

Channel No.	Frequency (MHz)	Measurement Level (dBm)	Required Limit (dBm)	Result
11	2462	6.55	< 8dBm	Pass

	um Analyzer - Swept SA								
enter F	RF 50 Ω AC req 2.462000000) GHz PNO: Fast 😱 IFGain:Low	Trig: Free #Atten: 30			ALIGNAUTO : Log-Pwr	TRAC	PM Jul 25, 2013 ^{2E} 1 2 3 4 5 6 ^{PE} M WWWWW T P N N N N N	Frequency
0 dB/div	Ref 20.00 dBm	IFGain:Low	#Atten: 50	40		Mkr1 2	.461 47	9 8 GHz 55 dBm	Auto Tun
og			1	~~^ (. 0. 0. 0				Center Fre 2.462000000 GH
0.00 0.0 ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	M	mmm			inne			M	Start Fre 2.454350000 GF
0.0									Stop Fr 2.469650000 Gi
D.O									CF Ste 1.530000 M <u>Auto</u> M
).0									Freq Offs
'0.0									
	462000 GHz 100 kHz	#VBW	300 kHz		1	Sweep		5.30 MHz 1001 pts)	
SG						STATU	5		

Product	:	Angelcare Baby Monitor
Test Item	:	Power Density Data
Test Site	:	No.3 OATS
Test Mode	:	Mode 2: Transmit (802.11g 6Mbps) (2412MHz)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	0.01	< 8dBm	Pass

0 dB/div Ref	20.00 dBm	IFGain:Low	#Atten: 30) dB			UL	E MWWWWW T P N N N N N	
-						Mkr1	2.409 4 0.0	85 GHz)1 dBm	Auto Tun
			1						Center Fre 2.412000000 GF
0.0	mm	www.	Munn	wannand	mun analysis	WWW MAN	uny l		Start Fre 2.399550000 GH
0.0 0.0	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~						- V	WW www.	Stop Fro 2.424450000 Gi
D.O									CF Ste 2.490000 M <u>Auto</u> M
0.0									Freq Offs
enter 2.41200	CH7						Span 2/	1.90 MHz	

Product	:	Angelcare Baby Monitor
Test Item	:	Power Density Data
Test Site	:	No.3OATS
Test Mode	:	Mode 2: Transmit (802.11g 6Mbps) (2437MHz)

Channel No.	Frequency (MHz)	Measurement Level (dBm)	Required Limit (dBm)	Result
6	2437	0.32	< 8dBm	Pass

Instantion Mkr1 2.434 510 GHz 0.32 dBm Auto 100 dB/div Ref 20.00 dBm 0.32 dBm Center 100 dB/div 1 1 1 1 0.00 dB/div <td< th=""><th>a RL Center Fr</th><th>RF 50 Ω AC req 2.4370000</th><th></th><th>SENSE</th><th></th><th></th><th>align auto : Log-Pwr</th><th>TRAC</th><th>PM Jul 25, 2013 ^{3E} 1 2 3 4 5 6 PE MWWWWW ET P N N N N N</th><th>Frequency</th></td<>	a RL Center Fr	RF 50 Ω AC req 2.4370000		SENSE			align auto : Log-Pwr	TRAC	PM Jul 25, 2013 ^{3E} 1 2 3 4 5 6 PE M WWWWW ET P N N N N N	Frequency
-og 1	I0 dB(div	Ref 20.00 dBr	IFGain:Low	ី #Atten: 30 d	B		Mkr1	2.434 5	10 GHz	Auto Tur
Start Start 10.0	.og		• 	1						Center Fre 2.437000000 GH
30.0 MM Stop 40.0 CF 50.0 CF 50.0 Freq 0			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Newword	,Array a Walter	ᠧᡣ᠋᠕ᡔᡊᢦ᠋ᡏᠮᡫᠰ᠉᠆	mmm	wy		Start Fre 2.424550000 GH
		www.						- V	Nryw .	Stop Fre 2.449450000 GH
	0.0									CF Ste 2.490000 Mi <u>Auto</u> Mi
										Freq Offs 0
enter 2.43700 GHz Span 24.90 MHz	'0.0 <u> </u>									
Res BW 100 kHz #VBW 300 kHz Sweep 2.40 ms (1001 pts)			#VBV	V 300 kHz			Sweep			

Product	:	Angelcare Baby Monitor
Test Item	:	Power Density Data
Test Site	:	No.3 OATS
Test Mode	:	Mode 2: Transmit (802.11g 6Mbps) (2462MHz)

Channel No.	Frequency (MHz)	Measurement Level (dBm)	Required Limit (dBm)	Result
11	2462	0.47	< 8dBm	Pass

Agilent Spectrum A									
enter Freq			Trig: Free			ALIGN AUTO : Log-Pwr	01:22:12 PM Ju TRACE 1 TYPE M	23456	Frequency
10 dB/div Re	ef 20.00 dBm	IFGain:Low	#Atten: 30	dB		Mkr1	2.459 485	GHz dBm	Auto Tun
og 10.0			1						Center Fre 2.462000000 GF
0.00	from	And have also been all	mmm	Manana	᠆ᡐᢏ <i>ᡣᡯᢏᠻᢪ</i> ᡏᡗᢧᠬᠬ	Verry man Cr			Start Fre 2.449550000 GH
20.0 30.0 100 100 100 100 100 100 100 100 100	VV						Www	MART	Stop Fre 2.474450000 GH
0.0									CF Ste 2.490000 Mi <u>Auto</u> Mi
0.0									Freq Offs 01
70.0									
enter 2.4620 Res BW 100		#VBW	/ 300 kHz			Sweep	Span 24.9 2.40 ms (100		
SG						STATU	s		

Product	:	Angelcare Baby Monitor
Test Item	:	Power Density Data
Test Site	:	No.3 OATS
Test Mode	:	Mode 3: Transmit (802.11n MCS0 7.2Mbps 20M-BW) (2412MHz)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-1.08	< 8dBm	Pass

		nalyzer - Sw									
Cente	r Freq	50 Ω 2.41200			Trig: Free			ALIGNAUTO : Log-Pwr	TRAC	PM Jul 25, 2013 CE 1 2 3 4 5 6 PE MWWWWW	Frequency
10 dB/d	liv Re	f 20.00 (PNO: Fast 🖵 IFGain:Low	#Atten: 30			Mkr1	^₀ 2.409 1	25 GHz 08 dBm	Auto Tune
10.0 —					1						Center Freq 2.412000000 GHz
0.00		1 Mil	Nprom.	Marcont	hm har ha	manna	n w	har warden and the	why -		Start Fred 2.398687500 GH2
-20.0	Margaret	John Market							- h	and the second s	Stop Fred 2.425312500 GHz
مرم — 40.0 — 50.0	p. M.									M. A.	CF Step 2.662500 MH <u>Auto</u> Mar
60.0 —											Freq Offse 0 H
-70.0											
	r 2.4120 3W 100		1	#VBW	300 kHz	1	1	Sweep		6.63 MHz (1001 pts)	
MSG								STATU	3		

Product	:	Angelcare Baby Monitor
Test Item	:	Power Density Data
Test Site	:	No.3OATS
Test Mode	:	Mode 3: Transmit (802.11n MCS0 7.2Mbps 20M-BW) (2437MHz)

Channel No.	Frequency (MHz)	Measurement Level (dBm)	Required Limit (dBm)	Result
6	2437	-0.89	< 8dBm	Pass

enter Fre	RF 50 Ω 243700	F	'NO: Fast 🗔	S⊟ Trig:Free #Atten:30			ALIGN AUTO : Log-Pwr	TRAC	PM Jul 25, 2013 E 1 2 3 4 5 6 PE MWWWWW T P N N N N N	Frequency
0 dB/div	Ref 20.00 d		Gain:Low	#Atten: 30	, a 🗅		Mkr1 2	.434 116		Auto Tui
0.0				1						Center Fr 2.437000000 G
.0		ᠰᠰᢦᢦᠬ᠕᠉	hnn	or and the	mann	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Jurve really	why		Start Fr 2.423650000 G
).0	and and the second s							North Market	Man .	Stop Fr 2.450350000 G
).0									TYWY	CF St 2.670000 M <u>Auto</u> M
.0										Freq Offs 0
enter 2.43 Res BW 1			#VBW	300 kHz			Sweep	Span 2 2.60 ms (6.70 MHz 1001 pts)	

Product	:	Angelcare Baby Monitor
Test Item	:	Power Density Data
Test Site	:	No.3 OATS
Test Mode	:	Mode 3: Transmit (802.11n MCS0 7.2Mbps 20M-BW) (2462MHz)

Channel No.	Frequency (MHz)	Measurement Level (dBm)	Required Limit (dBm)	Result
11	2462	-0.65	< 8dBm	Pass

RL	rum Analyzer - Swo RF 50 Ω req 2.46200	AC	−1 Z NO: Fast ⊂	Trig: Free			ALIGN AUTO : Log-Pwr	TRAC	PM Jul 25, 2013 26 1 2 3 4 5 6 PE MWWWWW T P N N N N N	Frequency
0 dB/div	Ref 20.00 c		Gain:Low	#Atten: 30) dB		Mkr1 2	2.459 11		Auto Tun
og 10.0				4						Center Fre 2.462000000 GH
0.00			hand	yahiy mar yang	manararara	n Manua	www	m		Start Fr 2.448650000 G
0.0	and the second s							North	MA-Workhyw	Stop Fr 2.475350000 G
0.0 ///////////////////////////////////									. (<i>M</i> M	CF Sto 2.670000 M <u>Auto</u> M
).0										Freq Offs 0
	46200 GHz 100 kHz		#VBW	300 kHz			Sween	Span 2 2.60 ms (6.70 MHz	
G							STATL			

Product	:	Angelcare Baby Monitor
Test Item	:	Power Density Data
Test Site	:	No.3 OATS
Test Mode	:	Mode 4: Transmit (802.11n MCS0 15Mbps 40M-BW) (2422MHz)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	-4.62	< 8dBm	Pass

	m Analyzer - Swept S								l.
Center Fro	RF 50 Ω AC eq 2.4220000	00 GHz PNO: Fast	SENS Trig: Free F	Run		ALIGNAUTO : Log-Pwr	TRAC	PM Jul 25, 2013 E 1 2 3 4 5 6 E MWWWWW T P N N N N N	Frequency
10 dB/div	Ref 20.00 dBn	IFGain:Low	#Atten: 30 o	18		Mkr1 2	2.414 25	,	Auto Tune
10.0									Center Free 2.422000000 GH:
-10.00	power power and the second	1-1 האורייניייארייניייאריינייי	where we are a second s	run Analunning	ryverenses fry	Jornhon Mariana	where we have a second		Start Free 2.394550000 GH
-20.0			Y						Stop Fre 2.449450000 GH
40.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0								h phanta	CF Ste 5.490000 MH <u>Auto</u> Ma
60.0									Freq Offso 0 H
-70.0	2200 GHz						Span 5	4.90 MHz	
#Res BW 1		#VBW	300 kHz			Sweep STATU	5.27 ms (

Product	:	Angelcare Baby Monitor
Test Item	:	Power Density Data
Test Site	:	No.3OATS
Test Mode	:	Mode 4: Transmit (802.11n MCS0 15Mbps 40M-BW) (2437MHz)

Channel No.	Frequency (MHz)	Measurement Level (dBm)	Required Limit (dBm)	Result
6	2437	-4.44	< 8dBm	Pass

Agilent Spectrum A				051				00.01.00		ſ
Center Freq	2.43700	Р	HZ NO: Fast 🖵 Gain:Low	Trig: Free #Atten: 30			ALIGNAUTO E: Log-Pwr	TRA	PM Jul 25, 2013 DE 1 2 3 4 5 6 PE MWWWWWW ET P N N N N N	Frequency
0 dB/div Re	ef 20.00 d						Mkr1 2	2.432 88 -4.	2 5 GHz 44 dBm	Auto Tun
10.0										Center Fre 2.437000000 GH
0.00	and and	mannana	ง ^ม างการ์ระ ^ร ังหรังกับ	11	Murana	y marked	ทั้งปางใบรากา	mhran		Start Fre 2.409550000 GI
0.0					[Stop Fr 2.464450000 G
0.0 00 000 000 000 000 000 000 000 000	Marte								h phaning philes	CF Ste 5.490000 Mi <u>Auto</u> Mi
D.O										Freq Offs 0
enter 2.437									4.90 MHz	
Res BW 100) KHZ		#VBW	300 kHz			Sweep	5.27 ms (1001 pts)	

Product	:	Angelcare Baby Monitor
Test Item	:	Power Density Data
Test Site	:	No.3 OATS
Test Mode	:	Mode 4: Transmit (802.11n MCS0 15Mbps 40M-BW) (2452MHz)

(Channel No.	Frequency (MHz)	Measurement Level (dBm)	Required Limit (dBm)	Result
	9	2452	-4.95	< 8dBm	Pass

RL RF 50 Ω enter Freq 2.45200	AC	SENSE:INT	ALIGN AUTO Avg Type: Log-Pwr	02:16:48 PM Jul 25, 20: TRACE 1 2 3 4 5 TYPE M WWWW DET P N N N N	Frequency
) dB/div Ref 20.00 d	IFGain:Low	¥Atten: 30 dB	Mkr1 2	.447 827 6 GH -4.95 dBn	z Auto Tur
0.0					Center Fre 2.452000000 Gi
0.0	หน้ามีมีก _{รรร} กปฏ	1-	h-vansenser and a strategy and	Mrein	Start Fr 2.424550000 G
0.0		¥			Stop Fr 2.479450000 G
				And American American	CF Sto 5.490000 M <u>Auto</u> M
					Freq Offs
enter 2.45200 GHz Res BW 100 kHz		300 kHz		Span 54.90 MH 5.27 ms (1001 pts	

9. EMI Reduction Method During Compliance Testing

No modification was made during testing.