FCC ID: IHDT56JP1



MOBILE DEVICES BUSINESS

PRODUCT SAFETY AND COMPLIANCE EMC LABORATORY

EMC TEST REPORT - Addendum

Test Report Number - 21675-1BT

Report Date - 2008-04-01

The test results contained herein relate only to the model(s) identified. It is the manufacturer's responsibility to assure that additional production units of this model are manufactured with identical electrical and mechanical characteristics.

Technician:

Jeh. Suggaard

Name: Uffe Lund Svejgaard Test: 2008-03-26 to 2008-03-27

As the responsible EMC Engineer, I hereby declare that the model tested as specified in this report conforms to the requirements indicated.

Signature:

Pr. M. dela

Name: Per K. Nielsen

Title: Sr. Staff Engineer

Date: 2008-04-01

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FCC Registration Number: 863448 IC Registration Number: 109AP-1

ADR Testing Service location ADR AL ISO/IEC-1725:2005 accredited by UKAS



Test Report Number: 21675-1 FCD-1756, Rev 1 1 of 27

EXHIBIT 6A2

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Test Report Details

Tests Performed By:	Motorola A/S Product Safety and Compliance Group Lindholm Brygge 35 9400 Nr.Sundby Fax (45) 7219-5002 Phone: (45) 7219-5000 Motorola PCS FRN: 0016105769 FCC Registration Number: 863448 IC Registration Number: 109AP-1
Tests Requested By:	Motorola Inc. Mobile Devices business 600 North US Hwy 45 Libertyville, IL 60048
Product Type:	Cell phone with Bluetooth
Form factor:	Bar
Signaling Capability:	Quadra band 850/900/1800/1900 GSM with EDGE class 12 and GPRS class 12, Bluetooth class 2, FM radio.
Serial Numbers:	004401026909677
FCC ID:	IHDT56JP1
Project number:	21675-1

Testing Complete Date: 27-03-2008

Applicable Standards

All tests and measurements indicated in this document were performed in accordance with the Code of Federal Regulations Title 47 Part 2, Sub-part J as well as the following parts:

- X Part 15 Subpart C Intentional Radiators
- Part 22 Subpart H Public Mobile Services
- Part 24 Personal Communications Services
- Part 27 Wireless Communications Service
- Part 90 Private Land Mobile Radio Service

Applicable Standards: ANSI 63.4-2003, RSS-GEN, RSS-210 (Bluetooth).

DA 00-705, "Filing and Measurement Guidelines for Frequency Hopping Spread Spectrum Systems" published by the Federal Communications Commission was also used in the testing of this product.

The following tests were performed according to the regulations:

- The spurious radiated emission requirements of § 15.247(d) of CFR47 Part 15 2006, specifically" 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)).
- Under this project only 30 to 1000MHz, 1 to 25GHz radiated emissions and radiated band-edge measurements were performed.
- For frequencies below 1 GHz a 100 kHz RBW is used and above 1 GHz a 1 MHz RBW is used.

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Summary of Testing

Test	Test Name	Pass/Fail
1	Field Strength of Spurious Emissions	Pass
2	Band-edge Compliance of RF Radiated Emissions	Pass
Test	Test Name	Results
1	Field Strength of Spurious Emissions	See plots
2	Band-edge Compliance of RF Radiated Emissions	See plots

The margin with respect to the limit is the minimum margin for all modes and bands. () indicates the margin at which the product exceeds the limit.

General and Special Conditions

The test sample was tested using a fully charged battery when applicable. Where a battery could not be used due to the need for a controlled variation of input voltage, an external power supply was utilized.

All testing was done in an indoor controlled environment with an average temperature of 20.2° C +- 1 $^{\circ}$ C and relative humidity of 32.3% +-4.5% over the days of testing.

Equipment and Cable Configurations

The test sample was tested in a stand-alone configuration that is representative of typical use.

Measuring Equipment and Calibration Information

Equipment related to the semi-anechoic chamber testing:

Equipment	Model/type	Serial	Operational	Date of	
		number	range	calibration	
EMI analyzers	ESIB 26	100179	20 Hz – 26.5 GHz	15.05.2007	
	ESU 40	100040	20 Hz – 40 GHz	07.02.2008	
Pre Amplifiers	EA PA-02:	800002	(1 – 26 GHz)	26.06.2007	
-	(JCA12-300		1 GHz – 2 GHz		
	JCA218-4003		2 GHz – 18 GHz		
	JCA48-300		4 GHz – 8 GHz		
	JCA1826-431		18 GHz – 26 GHz		
	JCA1218-500)		12 GHz – 18 GHz		
	Sonoma 310N	185680	9 kHz – 1 GHz	19.06.2007	
Antenna amplifiers	AFS4-02001800-35-ULN (Mounted on EMCO 3115)	805815	2 GHz – 18 GHz	13.03.2008	
	JSA-18004000-30-5A (Mounted on EMCO 3116)	965195	18 GHz – 40 GHz	06.03.2008	
	JCA 1840-400 (Mounted on EMCO 3116)	101	18 – 40 GHz	06.03.2008	
Radio com. Tester	CMU 200	112434	GSM 850/900/1800/1900 IS95, UMTS, CDMA, Bluetooth	20.02.2008	
High pass filter	K&L 3DH1-3000/T13000- 0/0 (Mounted on EMCO 3115)	8	3 GHz – 18 GHz	13.03.2008	
Attenuator	Weinschel 54A-3 (3dB) (Mounted on EMCO 3116)	T8929	DC – 40 GHz	06.03.2008	
	3 x H&S 6603.19AA (3dB) (Mounted on EMCO 3115)	na	DC-18 GHz	13.03.2008	
Cable	C-ANT-FP1-10S (SK)	na	18 GHz – 40 GHz	06.03.2008	
	C-ANT-FP1-4S (SMA)	na	30 MHz -6 GHz	19.03.2008,	
			3 GHz – 18 GHz	13.03.2008,	
			18 GHz – 28 GHz	19.03.2008	
Filter	F-3S-2S (SK–Bypass)	na	30 MHz – 40 GHz	06.03.2008	

Equipment related to carrier spectrum testing:

Equipment	Model/type	Serial number	Operational range	Date of calibration
Spectrum analysers	FSEA	845097/004	20 Hz – 3.5 GHz	23.04.07
Radio com. Tester	CMU 200	834639/003	GSM 14.11.0 850/900/1800/1900 IS95, UMTS, Bluetooth	

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The antennas used in the various tests are listed in the below table. All the log-periodic antennas are used as communication and link establishment antennas for (GSM, UMTS, CDMA, FM and/or Bluetooth).

Antenna	Туре	Serial	Operational	Date of
		number	range	calibration
Hybrid-log periodic	HLP 3003C	080200	30 MHz – 3 GHz	30.07.07
Log-periodic (link)	LPDA 8030	090200	800 MHz – 3 GHz	(na)
Log-periodic (link)	LPDA 8030	090100	800 MHz – 3 GHz	(na)
Log-periodic (link)	PLP 3003	021701	300 MHz – 3 GHz	(na)
Horn (link)	AT4002A	28548	800 MHz – 5 GHz	(na)
Horn (link)	AT4002A	28547	800 MHz – 5 GHz	(na)
Double ridged horn	EMCO 3115	00071502	1 GHz – 18 GHz	07.05.07
(w. 3 GHz HP-filter + 2x 2-18 GHz pre-				
amp+3x 3dB attenuator.)				
Double rigid horn	EMCO 3116	71564	18 GHz – 40 GHz	07.05.07
(w. 2x 18-40 GHz pre-amp+6dB				
attenuator.)				

All equipment is on a one-year calibration cycle except for link antennas.

Description of Bluetooth Transmitter

The 21675-1 cell phone sample offers Bluetooth as a feature. The Bluetooth spread-spectrum, frequency hopping transceiver is designed to operate between 2400 and 2483 MHz. The Bluetooth antenna is mounted on the PCB inside of the EUT. The antenna installation is permanent. For a more thorough description of the functionality please refer to Exhibit 12 of this package.

As a Bluetooth transmitter, it is designed operate with other Bluetooth devices as defined by the industrial standard. In this application, the test sample is battery-operated.

FCC ID: IHDT56JP1

Measurement Procedures and Data

FIELD STRENGTH OF SPURIOUS EMISSIONS

CFR Part 2.1053, 15.247(d), 15.249

Measurement Procedure

The test sample is placed inside the semi-anechoic chamber on a polystyrene table at the turntable center. For each spurious frequency, the antenna mast is raised and lowered from 1 to 4 meters and the turntable is rotated 360 degrees to obtain a maximum reading on the spectrum analyzer. This is repeated for both horizontal and vertical polarizations of the receive antenna.

 $\label{eq:Field Strength} \begin{array}{l} (dB\mu V/m) = EMI \ Receiver \ Level \ (dB\mu V) + Cable \ Loss \ (dB) - \\ Amplifier \ Gain \ (dB) + \ Filter \ loss \ (dB) + \ Antenna \\ Correction \ Factor \ (3/m) \end{array}$

A fully charged battery was used for the supply voltage.

The used standard battery type was BK60 with model number SNN5795A

The test sample was operated during the measurements under the following conditions:

- Tests were performed at low, mid and high channels.
- Tests were performed in both horizontal and vertical polarity.
- Investigation of maximum radiation orientation and position of the product sample to determine test orientations angles.
 - Tests were performed with the sample orientated along X, Y and Z orthogonal axis based on findings.
 - Tests were performed with the test sample placed in worst case position either open or closed based on form factor. Verification tests were performed for the other position.

Measurement Results

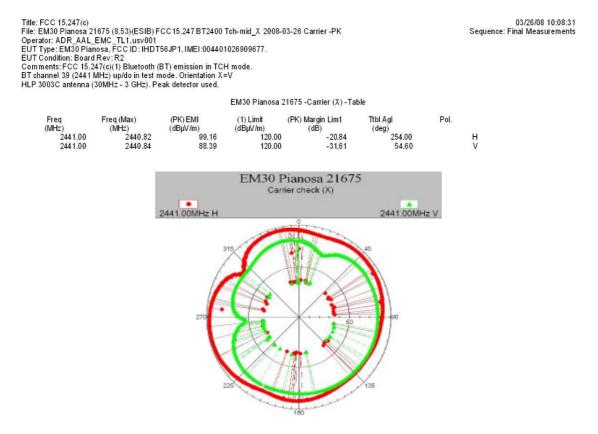
For peak emissions detected above 1 GHz, only those emissions that are higher than the AVG limit line plus 8 dB are selected for final emission analysis.

Attached results:

Maximum radiating position and orientation

The test sample was placed on top of a none-conductive pedestal and a Bluetooth link towards the communication test set was established. The test sample was scanned with a log-periodic antenna connected to a spectrum analyzer over the whole sphere and the maximum radiation orientation was determined to be the X orientation in horizontal polarity.

A check of carrier on the Bluetooth center channel 39 was performed to determine the expected maximum radiation of any Bluetooth harmonics for the test sample placed in orientation X.

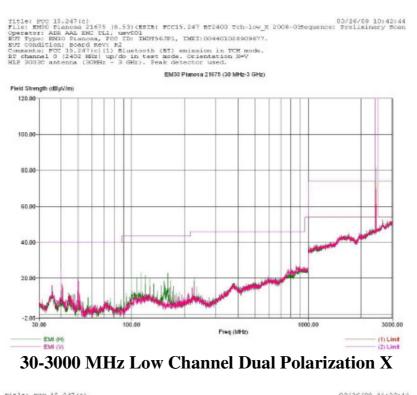


The Maximum Bluetooth radiated TX power is measured to 1.76 dBm on channel 39 with RBW=1 MHz.

There were no discernible emissions above the noise floor for 30-3000MHz for Low, Mid and High Channels and all polarizations in Bluetooth band

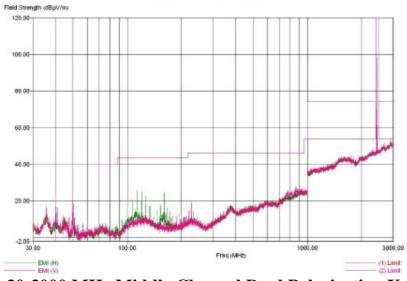
Only one worst case plot for each test frequency are shown in the below plots in the range from 30 MHz - 3000 MHz.

FCC ID: IHDT56JP1



ritle: FCC 15.247(c) 03/26/08 11:23:11
File: EMSD Finness 21675 (8.53)(ESIB) FCC15.247 HT140B Tch-mid_X 2008-DEsequence: Preliminary Scan
Operator: ADS AAL EMC TL1, usv001
EUT Type: EMSD Finness, FCC ID: HED550F1, HME::004401026909677.
EUT Condition: Board Rav: R2
Comments: FCC 15.247(c)(1) Eluetooth (EI) emission in TCH mode.
EI channel 39 (2441 ME) up/do in test node. Orientation X=V
HLP 2003C antenna (2004z - 2 GHz). Pask detector used.

EM30 Planesa 21675 (30 MHz-3 GHz)



30-3000 MHz Middle Channel Dual Polarization X

FCC ID: IHDT56JP1

Title: FCC 15,247(c) 03/26/08 ll:53:09
File: EM30 Pianess 21c75 (8.53)(ESIB) FCC15.247 BT2400 Tch-hgh_X 2008-015equence: Preliminary Scan
operator: ADR AAL SEC Til, usv001
EU7 Condition: Board Rev: N2
Comments: FCC 15.247(c)(1) Blastoch [87] emission in TCH mode.
BT channel 78 (2480 MM2) ugvdo in test mode. orientation Rev?
HLP 3003C antenna (30MHz - 3 GGz), Peak detector used. EM30 Pianosa 21675 (30 MHz-3 GHz) Field Strength (dBµV/m) 120.00-100.00 80.00 60,00 40.00 20.00 -2.05 100.00 1000.00 3000.00 Freq (MHz) (1) Limit (2) Limit EMI (H) EMI (V) **30-3000 MHz High Channel Dual Polarization X**

FCC ID: IHDT56JP1

Title: FCC 15.247(c) D3/26/D8 15:49:44
File: FKGO Fiances 21675 (8.53)(ESIN) FCC15.247 ET2400 Tch-low_X 2008-035equence: Freliminary Scan
Operator: ADR AAL EMPT TL1, useVO1
EUT Condition: Beard Rev: R2
COMMENTS FCC 15.247(c)(1) Bluetooth (B7) emission in TCH mode.
HT channel 0 (2402 MHz) up/do in test mode. Orientation N=V
EMCO 3115 antenna (36Hz - 196Hz). Peak detector used. EM30 Planosa 21675 (3 GHz-18 GHz) Field Strength (dBµ///m) 100.00 90.00 80.00 70.00 60.00 50.00 40.00 1.1 30.00 20.00 10.00 0.00 10000.00 12000.00 Freq (MHz) 6000.00 8000.00 14000.00 16000.00 18000.00 EMI (H) - (1) Link - (2) Link 3-18 GHz Low Channel Dual Polarization X

Test Report Number: 21675-1 FCD-1756, Rev 1

FCC ID: IHDT56JP1

Title: FCC 15.247(c) File: EM30 Fianosa 21675 (8.53)(ESIB) FCC15.247 BT2400 Tch-low_Y 2008-O3Sequence: Freliminary Scan Operator: ADR AAL EMC TLL, usv001 EUT Type: EM30 Fianosa, FCC ID: IHDT56JP1, IMEI:004401026909677. EUT Condition: Board Rev: R2 Comments: FCC 15.247(c)(1) Bluetooth (BT) emission in TCH mode. BT channel 0 (2402 MH2) up/do in test mode. Orientation Y=V ENCO 3115 antenna (3GHz - 19GHz). Peak detector used. EM30 Pianosa 21675 (3 GHz-18 GHz) Field Strength (dBµV/m) 100.00-90.00 80.00-70.00 60.00 50.00 المتعيق المجاره 444 40.00-30.00 20.00 10.00 0.00 10000.00 3000.00 6000.00 8000.00 14000.00 16000.00 18000.00 12000.00 Freq (MHz) EMI (H) (1) Limit - EMI (V) - (2) Limit Title: FCC 15.249 03/27/08 10:44:05 Title: FCC 15.249 File: EM30 Pianosa 21675 (8.53)(ESIB) FCC15.247 BT2400 Tch-low_Y 2008-03-26 -3-18 -AV Operator: ADR_AAL_EMC_TL1,usv001 EUT Type: EM30 Pianosa, FCC ID: IHDT56JP1, IMEI:004401026909677. EUT Condition: Board Rev: R2 Comments: FCC 15.247 (c)(1) Bluetooth (BT) emission in TCH mode. BT channel 0 (2402 MHz) up/do in test mode. Orientation Y=V EMCO 3115 antenna (3GHz - 18GHz). AV detector used. Sequence: Final Measurements

EM30 Pianosa 21675, Table

Freq	Freq (Max)	(AVG) EMI	(1) Limit	(AVG) Margin Lim1	Pol.	Ttbl Agl
(MHz)	(MHz)	(dBµV/m)	(dBµV/m)	(dB)		(deg)
12010.50	12010.80	45.37	54.00	-8.63	V	23.40
12010.50	12010.21	45.65	54.00	-8.35	н	248.30
16814.99	16814.68	49.87	54.00	-4.13	н	348.90
16814.99	16814.03	48.63	54.00	-5.37	V	34.10

3-18 GHz Low Channel Dual Polarization Y

Test Report Number: 21675-1 FCD-1756, Rev 1

FCC ID: IHDT56JP1

Title: FOC 15,247(c) Title: EM30 Planoms 21675 (9.53)(ESIB) PCC15.247 B72400 Tch-low_S 2009-03Sequence: Preliminary Scan Operator: ARE AAL EMI TL1, usv001 EUT Condition: Board Rev: R2 Comments: FCC 15.247(c)(1) Bluetooth (B2) emission in TCH mode. BT channel 0 (2402 Mfr) up/do in test mode. Orientation S=V ENCO 3115 antenna (30Hz - 190Hz), Feak detector used. EM30 Planosa 21675 (3 GHz-18 GHz) Field Strength (dBµV/m) 100.00 90.00 80.00 70.00 60.00 50.DD 40.00 30.00 20.00 10.00 0.00 10000.00 12000.00 Freq (MHz) 6000.00 8000.00 14000.00 16000.00 18000.00 EMI (H) EMI (V) (1) Limit (2) Limit 3-18 GHz Low Channel Dual Polarization Z ritle: FUU 15,247/0/ 03/25/08 15:33:33 File: EMSD Diamong 21675 (8.53)(ESIB; FUCL5.247 ET2400 Tch-mid_X 2008-OISequence: Freliminary Scan Operator: ADB AAL EMEC TL, usv001 EUT Condition: Board Rev: R2 Comments: FUC 15.247/c?(1) Riuetonth (RT) emission in 7CH mode. ET channel 39 (2441 MER) upv0 in test mode. orientation X=V EMCO 3115 entenna (3GHz - 195Hz). Peak detector used. EM30 Planesa 21675 (3 GHz-18 GHz) Field Strength (dBu/V/m) 100.00 90.00 80.00 70.00 60.00 50.00 40.00 30.0 20.00 10.00 0.00 6000.00 10000.00 14000.00 8000.00 12000.00 Freq (MHz) 16000.00 18000.00 (1) Limit (2) Limit EMI (H)

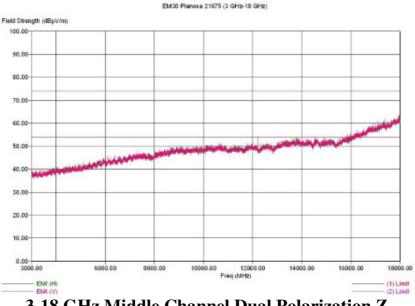
3-18 GHz Middle Channel Dual Polarization X

Test Report Number: 21675-1 FCD-1756, Rev 1

FCC ID: IHDT56JP1

Title: FCC 15.247(c) 03/26/08 16:55:19 File: MM30 Fiances 21673 (5.33)(ESIB) FCC15.247 BT2400 Tch-mid_Y 2008-03Sequence: Preliminary Scan Operator: ADR AAL BWT TLL, unvOG1 EVT Type: REGO Fiances, FCC The IREF56JF1, TMEI:0044010268006677. EVT Condition: Board Rev: F2 Comments! FCC 15.247(c)(1) Bluetcosth (BT) emission in TCH mode. BT channes 19 (2441 MHz) up/do in text mode. Orientation Y=V EMCD 3115 antenna (SGHz - 15GHz). Peak detector used. EM30 Planosa 21675 (3 GHz-18 GHz) Field Strength (dBu//m) 100.00 90.00 80.00 70.00 60.00 50.00 40.00 30.00 20.00 10.00 0.00 6000.00 8000.00 10000.00 12000.00 Freq (MHz) 14000.00 16000.00 18000.00 - EMI (H) - EMI (V) (1) Limit (2) Limit 3-18 GHz Middle Channel Dual Polarization Y

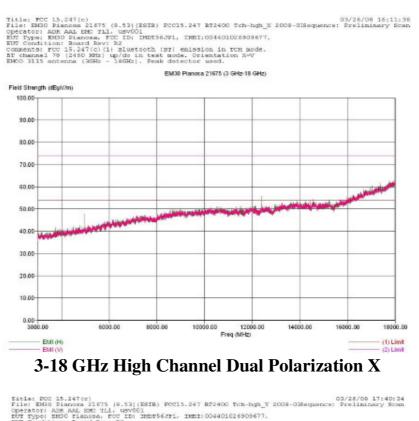
Title: FCC 15.247(c) File: EM30 Planows 21475 (8.53)(BSIB) FCC15.247 B72400 Tch-mid_S 2008-038equence: Preliminary Scan Operator: ADR AAL EMC Til, usv001 EVT Type: EM30 Planows, FCC ID: IHDI56JP1, IMEI:004401026909677. EVT Conduction: Board Rev: R2 Comments: FCC 15.247(c)(1) Bluetooth (BT) emission in TCH mode. BT channel 39 (2441 MHz) up/do in test mode. Orientation Z=V EMCC 3115 antenna (SHz - 193Hz), Feak detector used.



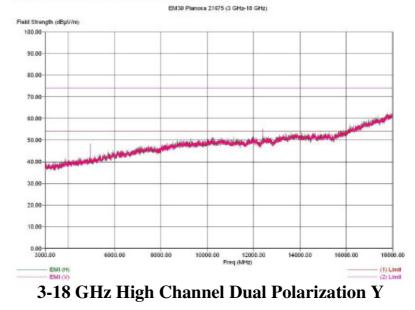
3-18 GHz Middle Channel Dual Polarization Z

Test Report Number: 21675-1 FCD-1756, Rev 1

FCC ID: IHDT56JP1



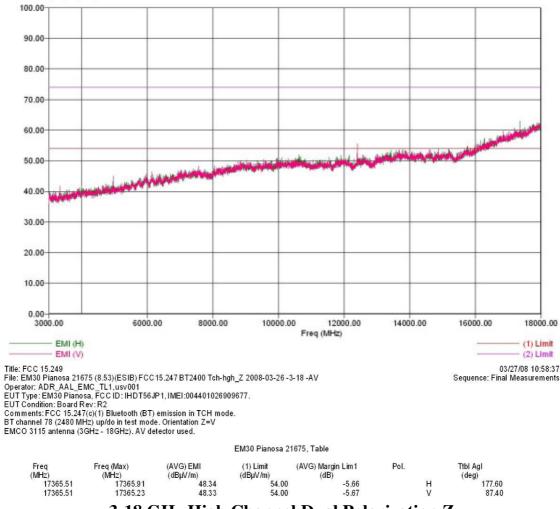
Title: DCC 15.247(c) 03/26/09 17:40:34
File: ENGU Pianosa 21675 [8.52](ESTE) PCC15.247 EF2400 Tch-hgh_V 2009-038equence: Preliminary Scan
Operator: AUK AAL SEX TLL, usv001
EVT Type: EMSO Fianosa, FCC ID: IMED56/Fi. IMED1004401026909677.
EVT Condition: Board Zev: H2
Commants: FCC 15.247(c)(1) Bluetooth (BF) emission in SCH mode.
TC chancel 1% (2460 Mik) up/do in test mode. Orientation YeV
EMC0 3115 antenna (39Hz - 186Hz). Peak detector used.



Test Report Number: 21675-1 FCD-1756, Rev 1

FCC ID: IHDT56JP1

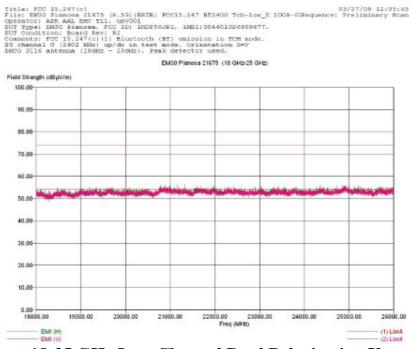
Title: FCC 15.247(c) 03/26/08 14:41:05 File: EM30 Pianosa 21675 (8.53) (ESIB) FCC15.247 BT2400 Tch-hgh_Z 2008-02Sequence: Preliminary Scan Operator: ADR AAL EMC TLL, usv001 EUT Type: EM30 Pianosa, FCC 1D: IHDT56JPL, IMEI:004401026909677. EUT Condition: Board Rev: R2 Comments: FCC 15.247 (c) (1) Bluetooth (BT) emission in TCH mode. BT channel 78 (2480 MHz) up/do in test mode. Orientation Z=V EM30 Pianosa 21675 (3 GHz-18 GHz) Field Strength (dBµV/m)



3-18 GHz High Channel Dual Polarization Z

There were no discernible emissions above the noise floor for 18-26 GHz for Low, Mid and High Channels and all polarizations in Bluetooth band

Only one worst case plot for each test frequency are shown in the below plots in the range from 18 GHz - 26 GHz.



18-25 GHz Low Channel Dual Polarization X

FCC ID: IHDT56JP1

Title: FCC 15.247(c) 03/27/08 12:25:10
Pile: EM30 Pianosa 21675 (8,53)(BSIB) FCC15.247 BT2400 Tch-mid_X 2008-0:Sequence: Preliminary Scan
Operator: ADR AAL HMC TLL, umvCol
EUT trype: EM30 Pianosa, FCC TD: HMDT56JF1, IMEX:004401026909677.
BUT Conduction: Board Rev: R2
Comments: FCC 15.247(c)(1) Bluetooth (BT) emission in TCH mode.
BT channel 39 (2441 MEL up/do in text mode. Orientation X=V
EMCC 3116 antenna (180HZ = 250HZ). Feak detector used. EM30 Pianosa 21675 (18 GHz-25 GHz) Field Strength (dBuV/m) 100.00 90.00 80.00 70.00 60.00 50.00 40.00 30.00 20.00 10.00 0.00 22000.00 23000.00 Freq (MHz) 19000.00 20000.00 21000.00 24000.00 25000.00 26000.00 EMI (H) - (1) Limit - (2) Limit 18-25 GHz Middle Channel Dual Polarization X Title: FCC 15.247(c) File: EMSO Finness 21675 (8.53)(ESIB) FCC15.247 BT2400 Teh-hgh_X 2008-Offsequence: Preliminary Scan Operator: ADM ARL EMST TL1, usv001 EUT Type: EMSO Finness, FCC ID: IHD756JF1, IMEI:004401026909677. EUT Conduiton: Board Rev: R2 Comments: FCC 15.247(c) Bluetooth (B7) emission in TCH mode. BT channel 78 (2480 MBz) up/do in test mode. Orientation X=V EMCO 3116 antenna (18GMz - 25GMz). Peak detector used. EM30 Pianosa 21675 (18 GHz-25 GHz) Field Strength (dBy///m) 100.00 90.00 80,00 70.00 60.00 50.00 40.00 30.00 20.00 10,00 18000.00 20000.00 22000.00 2 Freq (MHz) 24000.00 19000.00 21000.00 23000.00 25000.00 26000.00 EMI (H) (1) Limit (2) Limit EMI (V

18-25 GHz High Channel Dual Polarization X

Test Report Number: 21675-1 FCD-1756, Rev 1 21 of 27

EXHIBIT 6A2

BAND-EDGE COMPLIANCE OF RF RADIATED EMISSIONS

CFR Part 15.247

Measurement Procedure

The test sample is placed inside the semi-anechoic chamber on a polystyrene table at the turntable center. Test is repeated for both horizontal and vertical polarizations of the receive antenna.

 $\label{eq:Field Strength} \begin{array}{l} (dB\mu V/m) = EMI \ Receiver \ Level \ (dB\mu V) + Cable \ Loss \ (dB) + \ Filter \\ Loss \ (dB) - \ Amplifier \ Gain \ (dB) + \ Antenna \ Correction \\ Factor \ (3/m) \end{array}$

The test sample was operated in Bluetooth single channel test mode. A fully charged battery was used for the supply voltage.

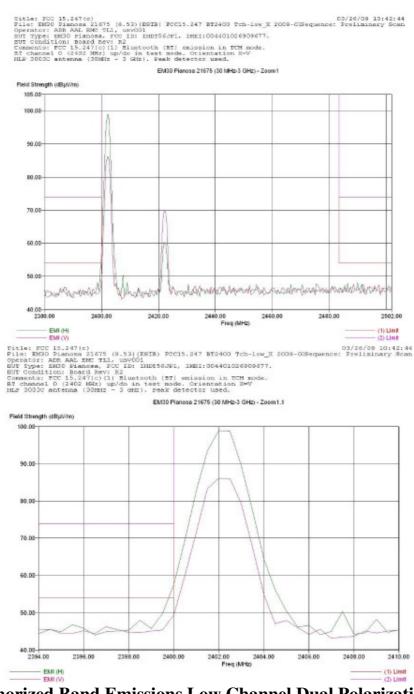
Measurement Results

Comments:

The band edge measurements crossing the corner for the low channel with respect to the average limit line is acceptable when applying the FCC rule specified in CFR 47 part 15.35(b) for the use of peak detector above 1 GHz. The peak detector limit line has been added to the graphical plots.

See Attached:

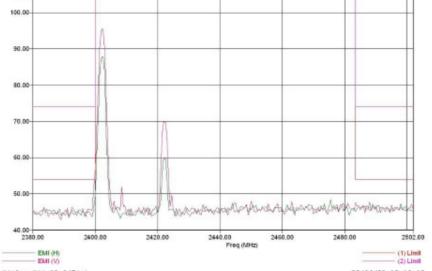
FCC ID: IHDT56JP1



Authorized Band Emissions Low Channel Dual Polarization X

FCC ID: IHDT56JP1

Title: FCC 15.247(c) 03/26/08 13:12:13 Title: FRCO 15.247(c) 03/26/08 13:12:13 Title: FRCO Fiancea, FCC 15: USYOL EUT Condition: Board Rev: R2 Comments: FCC 15.247(c)(1) Bluetooth (ST) emission in FCH mode. BT channel 0 (2402 MHz) up/do in test mode. Orientation Y=V HLP 30D3C antenna (30MHz - 2 GHz). Peak detector used. EM30 Planosa 21675 (30 MHz-3 GHz) - Zoom1 Field Strength (dBµV/m) 105.00 100.00



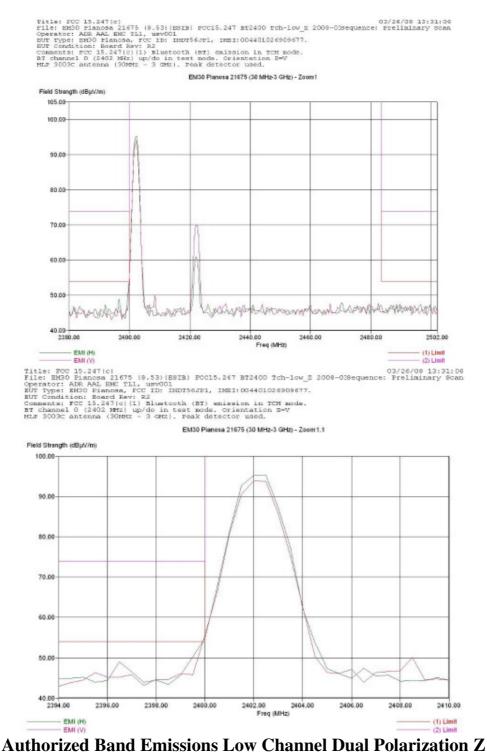
Title: Prc 15,247(c) Title: Prc 15,247(c) File: EM30 Pianosa 21475 (8,53)(ESTB) PCC15,247 BT2400 Tch-low_V 2008-03sequence: Preliminary Scan Cperator: ADR AAL NET TL, usvC01 EUT type: EM30 Fianosa, FCC ID: IHEF56JF1, IMEE:004401025909677. EUT Conduction: Board Rev: R2 Comments: FCC 15,247(c)(1) Elustocth [ET] emission in TCH mode. ET domnet 0 (2402 MHE) up/do in test mode. orientation Y=V HLP 3003C antenna (30MHE - 3 GHE). Peak detector used.

EM30 Planosa 21675 (30 MHz-3 GHz) - Zoom1.1

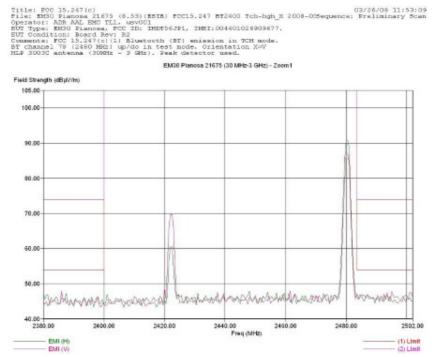
Field Strength (dBµV/m) 100.00 90.00 80.00 70.00 60.00 50.00 40.00 2402.00 2404.00 Freq (MHz) 2396.00 2398.00 2400.00 2406.00 2410.00 2408.00 EMI (H) EMI (V) - (1) Limit (2) Limit

Authorized Band Emissions Low Channel Dual Polarization Y

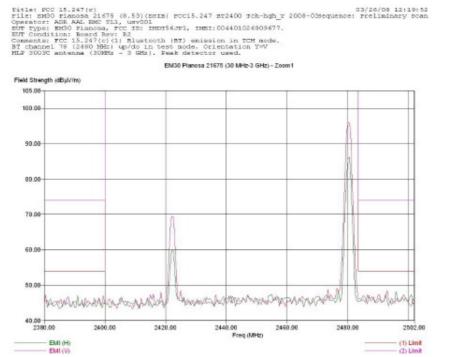
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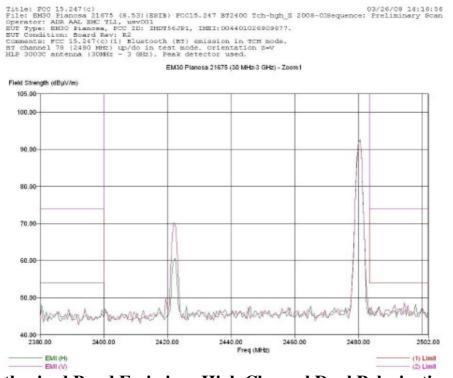
Authorized Band Emissions High Channel Dual Polarization X



Authorized Band Emissions High Channel Dual Polarization Y

Test Report Number: 21675-1 FCD-1756, Rev 1

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Authorized Band Emissions High Channel Dual Polarization Z

PICTURES

The pictures related to the above test results are placed in the associated report denoted as EXHIBIT 7A2

End of Test Report