



DECLARATION OF COMPLIANCE: MPE ASSESSMENT Part 2 of 2

Motorola Solutions Inc. EME Test Laboratory

Motorola Solutions Malaysia Sdn Bhd
Plot 2A, Medan Bayan Lepas,
Mukim 12 SWD 11900 Bayan Lepas Penang, Malaysia.

Date of Report: 08/04/2021
Report Revision: B

Responsible Engineer: Saw Sun Hock (EME Engineer)
Report author: Sin Keng LEE (EME Engineer)
Date(s) Tested: 2/17/2017-3/17/2017; 1/25/2021 - 2/4/2021
Manufacturer: Futurecom Systems Group (DVR), Motorola Solutions. Inc (Mobile)
Date submitted for test: 01/13/2017; 01/22/2021
DUT Description: **APX 6500 8/900MHz:** Multiple HW Encryption WiFi Interoperability Data Modem Tethering via WiFi or Cable
Companion Device: DVR UHF (380-512 MHz), Digital Vehicular Repeater
Test TX mode(s): CW
Max. Power output: Refer to Table 6 of report part 1 of 2
TX Frequency Bands: Refer to Table 6 of report part 1 of 2
Signaling type: FM, TDMA, FHSS (Bluetooth / Bluetooth LE), 802.11b/g/n (WLAN 2.4 GHz), 802.11 a/n/ac (WLAN 5 GHz)
Model(s) Tested: **APX 6500 8/900MHz:** M25VRS9PW1CN (PMUF1980A)
Companion Device: MOBEXCOM DVRS UHF (DQPM DVR4000P, DQPM DVR5000P, DQPM DVR6000P)
Model(s) Certified: M25VRS9PW1CN (PMUF1980A), M22VRS9PW1CN (PMUF1980A), DQPM DVR4000P, DQPM DVR5000P, DQPM DVR6000P
Serial Number(s): 471TX81927 (APX 6500 8/900MHz), 16102684, 16030465, 16102751 (DVR UHF)
Classification: Occupational/Controlled Environment
Applicant Name: Motorola Solutions Inc.
Applicant Address: 8000 West Sunrise Boulevard, Fort Lauderdale, Florida 33322
FCC ID: **APX 6500 8/900MHz:** AZ492FT7141 (806-824 MHz, 851-869 MHz, 896-901 MHz, 935-940 MHz, Bluetooth 2402-2480 MHz, WLAN 2412-2462 MHz; WLAN 5180-5825 MHz)
Companion Device LO6-DVRSUHF (406.1-512 MHz)
IC: This report contains results that are immaterial for FCC equipment approval, which are clearly identified.
APX 6500 8/900MHz: 109U-92FT7141
Companion Device: 2098B-DVRSUHF
 This report contains results that are immaterial for ISSED Canada equipment approval, which are clearly identified.

The MPE results clearly demonstrate compliance with FCC Occupational/Controlled RF Exposure limits. FCC rules require compliance for Passengers and Bystanders to the FCC General Population/Uncontrolled limits. The test results clearly demonstrate compliance with Health Canada Safety Code 6 (2015). Limits of Human Exposure to Radio frequency Electromagnetic Energy in the Frequency Range from 3 kHz to 300 GHz.

Based on the information and the testing results provided herein, the undersigned certifies that when used as stated in the operating instructions supplied, said product complies with the national and international reference standards and guidelines listed in section 4.0 of this report (no deviation from standard methods). This report shall not be reproduced without written approval from an officially designated representative of the Motorola Solutions Inc. EME Laboratory. I attest to the accuracy of the data and assume full responsibility for the completeness of these measurements. This reporting format is consistent with the suggested guidelines of the TIA TSB-159 April 2006. The results and statements contained in this report pertain only to the device(s) evaluated herein.


Saw Sun Hock (Approved Signatory)
Approval Date: 8/9/2022

Appendix D – MPE Test Results Summary for APX 6500 8/900MHz

Table D.1

MPE assessment for APX 6500 8/900MHz - roof mounted antenna – Bystander

Trunk/ Roof	Test Position	E/H Field	Antenna No.	Antenna Model	Max Pwr (W)	Initial Pwr (W)	Tx Freq (MHz)	Max Calc. P.D. (mW/cm ²)	FCC Limit	% To FCC Spec Limit	ISED Limit	% To ISED Spec Limit
Roof	BS1	E	1	HAF4013A, 806-941MHz	42.0	42.0	806.0000	0.02	0.54	3.1	0.25	6.6
						42.0	815.0000	0.01	0.54	2.7	0.26	5.6
						42.0	824.0000	0.01	0.55	2.7	0.26	5.7
						42.0	851.0000	0.01	0.57	2.5	0.26	5.4
						42.0	860.0000	0.02	0.57	2.8	0.27	6.0
						42.0	869.0000	0.01	0.58	2.3	0.27	4.9
					36.0	36.0	896.0000	0.01	0.60	1.7	0.27	3.7
						36.0	898.5000	0.01	0.60	1.7	0.27	3.6
						36.0	900.0000	0.01	0.60	1.5	0.27	3.3
						36.0	935.0000	0.01	0.62	1.6	0.28	3.6
						36.0	937.5000	0.01	0.63	1.3	0.28	2.9
						36.0	939.0000	0.01	0.63	1.1	0.28	2.4
					4.0	4.0	901.5000	0.00	0.60	0.1	0.27	0.3
						4.0	940.5000	0.00	0.63	0.1	0.28	0.3
			2	HAF4036A, 806-941MHz	42.0	42.0	806.0000	0.02	0.54	3.0	0.25	6.3
						42.0	815.0000	0.01	0.54	2.5	0.26	5.2
						42.0	824.0000	0.01	0.55	2.6	0.26	5.5
						42.0	851.0000	0.01	0.57	1.8	0.26	3.9
						42.0	860.0000	0.01	0.57	2.2	0.27	4.7
						42.0	869.0000	0.01	0.58	1.8	0.27	3.9
					36.0	36.0	896.0000	0.01	0.60	1.4	0.27	3.1
						36.0	898.5000	0.01	0.60	1.3	0.27	2.9
						36.0	900.0000	0.01	0.60	1.1	0.27	2.4
						36.0	935.0000	0.01	0.62	1.2	0.28	2.8
						36.0	937.5000	0.01	0.63	1.0	0.28	2.2
						36.0	939.0000	0.01	0.63	0.9	0.28	2.0
					4.0	4.0	901.5000	0.00	0.60	0.1	0.27	0.2
						4.0	940.5000	0.00	0.63	0.1	0.28	0.2

Table D.1 (Continued)**MPE assessment for APX 6500 8/900MHz - roof mounted antenna – Bystander**

Note: Results in bold font are configurations with highest percentage of limits.

Trunk/ Roof	Test Position	E/H Field	Antenna No.	Antenna Model	Max Pwr (W)	Initial Pwr (W)	Tx Freq (MHz)	Max Calc. P.D. (mW/cm^2)	FCC Limit	% To FCC Spec Limit	ISED Limit	% To ISED Spec Limit
Roof	BS1	E	3	HAF4037A, 806-941MHz	42.0	42.0	806.0000	0.03	0.54	6.2	0.25	13.1
						42.0	815.0000	0.03	0.54	4.7	0.26	10.1
						42.0	824.0000	0.03	0.55	5.0	0.26	10.6
						42.0	851.0000	0.02	0.57	4.0	0.26	8.7
						42.0	860.0000	0.02	0.57	3.9	0.27	8.4
						42.0	869.0000	0.02	0.58	3.6	0.27	7.9
					36.0	36.0	896.0000	0.02	0.60	2.9	0.27	6.3
						36.0	898.5000	0.02	0.60	2.6	0.27	5.8
						36.0	900.0000	0.02	0.60	2.5	0.27	5.6
						36.0	935.0000	0.02	0.62	3.1	0.28	6.8
						36.0	937.5000	0.02	0.63	2.6	0.28	5.9
						36.0	939.0000	0.01	0.63	2.3	0.28	5.1
					4.0	4.0	901.5000	0.00	0.60	0.2	0.27	0.5
						4.0	940.5000	0.00	0.63	0.3	0.28	0.6
Roof	BS2	E	1	HAF4013A, 806-941MHz	42.0	42.0	806.0000	0.01	0.54	2.2	0.25	4.6
						42.0	815.0000	0.01	0.54	2.4	0.26	5.1
						42.0	824.0000	0.01	0.55	2.3	0.26	4.8
						42.0	851.0000	0.01	0.57	2.5	0.26	5.4
						42.0	860.0000	0.01	0.57	2.2	0.27	4.7
						42.0	869.0000	0.01	0.58	2.2	0.27	4.7
					36.0	36.0	896.0000	0.01	0.60	1.4	0.27	3.1
						36.0	898.5000	0.01	0.60	1.4	0.27	3.1
						36.0	900.0000	0.01	0.60	1.2	0.27	2.7
						36.0	935.0000	0.01	0.62	1.2	0.28	2.7
						36.0	937.5000	0.01	0.63	1.3	0.28	2.8
						36.0	939.0000	0.01	0.63	1.1	0.28	2.4
					4.0	4.0	901.5000	0.00	0.60	0.1	0.27	0.2
						4.0	940.5000	0.00	0.63	0.1	0.28	0.3

Table D.1 (Continued)

MPE assessment for APX 6500 8/900MHz - roof mounted antenna – Bystander

Trunk/ Roof	Test Position	E/H Field	Antenna No.	Antenna Model	Max Pwr (W)	Initial Pwr (W)	Tx Freq (MHz)	Max Calc. P.D. (mW/cm ²)	FCC Limit	% To FCC Spec Limit	ISED Limit	% To ISED Spec Limit
Roof	BS2	E	2	HAF4036A, 806-941MHz	42.0	42.0	806.0000	0.01	0.54	2.4	0.25	5.2
						42.0	815.0000	0.01	0.54	2.3	0.26	5.0
						42.0	824.0000	0.01	0.55	2.1	0.26	4.6
						42.0	851.0000	0.01	0.57	2.2	0.26	4.7
						42.0	860.0000	0.01	0.57	1.9	0.27	4.1
						42.0	869.0000	0.01	0.58	1.8	0.27	3.9
					36.0	36.0	896.0000	0.01	0.60	1.2	0.27	2.5
						36.0	898.5000	0.01	0.60	1.2	0.27	2.7
						36.0	900.0000	0.01	0.60	1.1	0.27	2.4
						36.0	935.0000	0.01	0.62	0.9	0.28	2.1
						36.0	937.5000	0.01	0.63	1.0	0.28	2.1
						36.0	939.0000	0.01	0.63	0.8	0.28	1.9
					4.0	4.0	901.5000	0.00	0.60	0.1	0.27	0.2
						4.0	940.5000	0.00	0.63	0.1	0.28	0.2
			3	HAF4037A, 806-941MHz	42.0	42.0	806.0000	0.03	0.54	5.2	0.25	10.9
						42.0	815.0000	0.02	0.54	4.3	0.26	9.1
						42.0	824.0000	0.02	0.55	4.2	0.26	8.9
						42.0	851.0000	0.03	0.57	4.6	0.26	9.9
						42.0	860.0000	0.02	0.57	3.7	0.27	8.1
						42.0	869.0000	0.03	0.58	4.4	0.27	9.5
					36.0	36.0	896.0000	0.02	0.60	2.9	0.27	6.2
						36.0	898.5000	0.02	0.60	3.1	0.27	6.8
						36.0	900.0000	0.02	0.60	2.7	0.27	6.0
						36.0	935.0000	0.02	0.62	2.8	0.28	6.1
						36.0	937.5000	0.02	0.63	2.9	0.28	6.5
						36.0	939.0000	0.02	0.63	2.7	0.28	5.9
					4.0	4.0	901.5000	0.00	0.60	0.2	0.27	0.5
						4.0	940.5000	0.00	0.63	0.3	0.28	0.7

Table D.1 (Continued)

MPE assessment for APX 6500 8/900MHz - roof mounted antenna – Bystander

Trunk/ Roof	Test Position	E/H Field	Antenna No.	Antenna Model	Max Pwr (W)	Initial Pwr (W)	Tx Freq (MHz)	Max Calc. P.D. (mW/cm ²)	FCC Limit	% To FCC Spec Limit	ISED Limit	% To ISED Spec Limit
Roof	BS3	E	1	HAF4013A, 806-941MHz	42.0	42.0	806.0000	0.01	0.54	1.9	0.25	4.0
						42.0	815.0000	0.01	0.54	1.5	0.26	3.3
						42.0	824.0000	0.01	0.55	2.0	0.26	4.4
						42.0	851.0000	0.01	0.57	1.1	0.26	2.4
						42.0	860.0000	0.01	0.57	1.5	0.27	3.2
						42.0	869.0000	0.01	0.58	1.1	0.27	2.4
					36.0	36.0	896.0000	0.01	0.60	1.0	0.27	2.3
						36.0	898.5000	0.01	0.60	1.1	0.27	2.4
						36.0	900.0000	0.01	0.60	1.2	0.27	2.7
						36.0	935.0000	0.01	0.62	1.0	0.28	2.1
						36.0	937.5000	0.01	0.63	0.8	0.28	1.8
						36.0	939.0000	0.01	0.63	0.8	0.28	1.9
					4.0	4.0	901.5000	0.00	0.60	0.1	0.27	0.2
						4.0	940.5000	0.00	0.63	0.1	0.28	0.2
			2	HAF4036A, 806-941MHz	42.0	42.0	806.0000	0.01	0.54	1.8	0.25	3.9
						42.0	815.0000	0.01	0.54	1.3	0.26	2.7
						42.0	824.0000	0.01	0.55	1.9	0.26	4.0
						42.0	851.0000	0.01	0.57	1.0	0.26	2.2
						42.0	860.0000	0.01	0.57	1.2	0.27	2.5
						42.0	869.0000	0.01	0.58	1.0	0.27	2.2
					36.0	36.0	896.0000	0.01	0.60	0.9	0.27	2.1
						36.0	898.5000	0.01	0.60	0.9	0.27	1.9
						36.0	900.0000	0.01	0.60	0.9	0.27	2.0
						36.0	935.0000	0.00	0.62	0.8	0.28	1.7
						36.0	937.5000	0.00	0.63	0.7	0.28	1.5
						36.0	939.0000	0.00	0.63	0.7	0.28	1.6
					4.0	4.0	901.5000	0.00	0.60	0.1	0.27	0.2
						4.0	940.5000	0.00	0.63	0.1	0.28	0.2

Table D.1 (Continued)

MPE assessment for APX 6500 8/900MHz - roof mounted antenna – Bystander

Trunk/ Roof	Test Position	E/H Field	Antenna No.	Antenna Model	Max Pwr (W)	Initial Pwr (W)	Tx Freq (MHz)	Max Calc. P.D. (mW/cm^2)	FCC Limit	% To FCC Spec Limit	ISED Limit	% To ISED Spec Limit
Roof	BS3	E	3	HAF4037A, 806-941MHz	42.0	42.0	806.0000	0.02	0.54	4.3	0.25	9.1
						42.0	815.0000	0.02	0.54	3.0	0.26	6.4
						42.0	824.0000	0.02	0.55	3.8	0.26	8.0
						42.0	851.0000	0.01	0.57	2.1	0.26	4.5
						42.0	860.0000	0.01	0.57	2.5	0.27	5.4
						42.0	869.0000	0.01	0.58	2.4	0.27	5.2
					36.0	36.0	896.0000	0.01	0.60	2.4	0.27	5.2
						36.0	898.5000	0.01	0.60	2.3	0.27	5.0
						36.0	900.0000	0.01	0.60	2.2	0.27	4.8
						36.0	935.0000	0.02	0.62	2.4	0.28	5.4
						36.0	937.5000	0.01	0.63	2.2	0.28	4.9
						36.0	939.0000	0.01	0.63	2.2	0.28	4.9
					4.0	4.0	901.5000	0.00	0.60	0.2	0.27	0.5
						4.0	940.5000	0.00	0.63	0.3	0.28	0.6
Roof	BS4	E	1	HAF4013A, 806-941MHz	42.0	42.0	806.0000	0.01	0.54	1.7	0.25	3.7
						42.0	815.0000	0.01	0.54	1.1	0.26	2.2
						42.0	824.0000	0.01	0.55	1.1	0.26	2.4
						42.0	851.0000	0.01	0.57	1.1	0.26	2.3
						42.0	860.0000	0.01	0.57	1.0	0.27	2.2
						42.0	869.0000	0.00	0.58	0.7	0.27	1.6
					36.0	36.0	896.0000	0.00	0.60	0.7	0.27	1.5
						36.0	898.5000	0.00	0.60	0.4	0.27	0.9
						36.0	900.0000	0.00	0.60	0.4	0.27	0.9
						36.0	935.0000	0.00	0.62	0.7	0.28	1.5
						36.0	937.5000	0.00	0.63	0.5	0.28	1.1
						36.0	939.0000	0.00	0.63	0.4	0.28	1.0
					4.0	4.0	901.5000	0.00	0.60	0.0	0.27	0.1
						4.0	940.5000	0.00	0.63	0.0	0.28	0.1

Table D.1 (Continued)

MPE assessment for APX 6500 8/900MHz - roof mounted antenna – Bystander

Trunk/ Roof	Test Position	E/H Field	Antenna No.	Antenna Model	Max Pwr (W)	Initial Pwr (W)	Tx Freq (MHz)	Max Calc. P.D. (mW/cm ²)	FCC Limit	% To FCC Spec Limit	ISED Limit	% To ISED Spec Limit
Roof	BS4	E	2	HAF4036A, 806-941MHz	42.0	42.0	806.0000	0.01	0.54	1.7	0.25	3.6
						42.0	815.0000	0.01	0.54	1.1	0.26	2.3
						42.0	824.0000	0.01	0.55	1.0	0.26	2.2
						42.0	851.0000	0.01	0.57	0.9	0.26	1.9
						42.0	860.0000	0.00	0.57	0.9	0.27	1.8
						42.0	869.0000	0.00	0.58	0.6	0.27	1.4
					36.0	36.0	896.0000	0.00	0.60	0.6	0.27	1.3
						36.0	898.5000	0.00	0.60	0.4	0.27	0.8
						36.0	900.0000	0.00	0.60	0.3	0.27	0.7
						36.0	935.0000	0.00	0.62	0.6	0.28	1.4
						36.0	937.5000	0.00	0.63	0.4	0.28	0.9
						36.0	939.0000	0.00	0.63	0.4	0.28	0.8
					4.0	4.0	901.5000	0.00	0.60	0.0	0.27	0.1
						4.0	940.5000	0.00	0.63	0.0	0.28	0.1
			3	HAF4037A, 806-941MHz	42.0	42.0	806.0000	0.02	0.54	3.6	0.25	7.7
						42.0	815.0000	0.01	0.54	2.2	0.26	4.7
						42.0	824.0000	0.01	0.55	2.2	0.26	4.6
						42.0	851.0000	0.01	0.57	2.4	0.26	5.2
						42.0	860.0000	0.01	0.57	2.0	0.27	4.4
						42.0	869.0000	0.01	0.58	1.4	0.27	3.1
					36.0	36.0	896.0000	0.01	0.60	1.5	0.27	3.4
						36.0	898.5000	0.01	0.60	1.0	0.27	2.3
						36.0	900.0000	0.01	0.60	1.0	0.27	2.2
						36.0	935.0000	0.01	0.62	1.7	0.28	3.7
						36.0	937.5000	0.01	0.63	1.4	0.28	3.2
						36.0	939.0000	0.01	0.63	1.5	0.28	3.3
					4.0	4.0	901.5000	0.00	0.60	0.1	0.27	0.2
						4.0	940.5000	0.00	0.63	0.1	0.28	0.3

Table D.1 (Continued)**MPE assessment for APX 6500 8/900MHz - roof mounted antenna – Bystander**

Trunk/ Roof	Test Position	E/H Field	Antenna No.	Antenna Model	Max Pwr (W)	Initial Pwr (W)	Tx Freq (MHz)	Max Calc. P.D. (mW/cm^2)	FCC Limit	% To FCC Spec Limit	ISED Limit	% To ISED Spec Limit
Roof	BS5	E	1	HAF4013A, 806-941MHz	42.0	42.0	806.0000	0.01	0.54	1.5	0.25	3.1
						42.0	815.0000	0.01	0.54	1.5	0.26	3.1
						42.0	824.0000	0.01	0.55	1.3	0.26	2.8
						42.0	851.0000	0.01	0.57	1.0	0.26	2.1
						42.0	860.0000	0.01	0.57	1.1	0.27	2.3
						42.0	869.0000	0.01	0.58	1.0	0.27	2.1
					36.0	36.0	896.0000	0.00	0.60	0.7	0.27	1.6
						36.0	898.5000	0.00	0.60	0.6	0.27	1.4
						36.0	900.0000	0.00	0.60	0.7	0.27	1.5
						36.0	935.0000	0.00	0.62	0.7	0.28	1.5
						36.0	937.5000	0.00	0.63	0.6	0.28	1.3
						36.0	939.0000	0.00	0.63	0.6	0.28	1.3
					4.0	4.0	901.5000	0.00	0.60	0.1	0.27	0.2
						4.0	940.5000	0.00	0.63	0.0	0.28	0.1
			2	HAF4036A, 806-941MHz	42.0	42.0	806.0000	0.01	0.54	1.3	0.25	2.8
						42.0	815.0000	0.01	0.54	1.4	0.26	3.1
						42.0	824.0000	0.01	0.55	1.1	0.26	2.3
						42.0	851.0000	0.01	0.57	0.9	0.26	1.9
						42.0	860.0000	0.01	0.57	1.0	0.27	2.3
						42.0	869.0000	0.00	0.58	0.8	0.27	1.8
					36.0	36.0	896.0000	0.00	0.60	0.6	0.27	1.3
						36.0	898.5000	0.00	0.60	0.5	0.27	1.1
						36.0	900.0000	0.00	0.60	0.6	0.27	1.3
						36.0	935.0000	0.00	0.62	0.5	0.28	1.2
						36.0	937.5000	0.00	0.63	0.5	0.28	1.1
						36.0	939.0000	0.00	0.63	0.4	0.28	1.0
					4.0	4.0	901.5000	0.00	0.60	0.1	0.27	0.1
						4.0	940.5000	0.00	0.63	0.0	0.28	0.1

Table D.1 (Continued)

MPE assessment for APX 6500 8/900MHz - roof mounted antenna – Bystander

Trunk/ Roof	Test Position	E/H Field	Antenna No.	Antenna Model	Max Pwr (W)	Initial Pwr (W)	Tx Freq (MHz)	Max Calc. P.D. (mW/cm ²)	FCC Limit	% To FCC Spec Limit	ISED Limit	% To ISED Spec Limit
Roof	BS5	E	3	HAF4037A, 806-941MHz	42.0	42.0	806.0000	0.02	0.54	3.5	0.25	7.4
						42.0	815.0000	0.02	0.54	3.0	0.26	6.4
						42.0	824.0000	0.02	0.55	2.8	0.26	6.0
						42.0	851.0000	0.01	0.57	2.5	0.26	5.5
						42.0	860.0000	0.01	0.57	1.9	0.27	4.1
						42.0	869.0000	0.02	0.58	2.6	0.27	5.7
					36.0	36.0	896.0000	0.01	0.60	1.5	0.27	3.2
						36.0	898.5000	0.01	0.60	1.4	0.27	3.0
						36.0	900.0000	0.01	0.60	1.4	0.27	3.1
						36.0	935.0000	0.01	0.62	1.7	0.28	3.7
						36.0	937.5000	0.01	0.63	1.8	0.28	4.0
						36.0	939.0000	0.01	0.63	2.0	0.28	4.5
					4.0	4.0	901.5000	0.00	0.60	0.1	0.27	0.3
						4.0	940.5000	0.00	0.63	0.2	0.28	0.4

Table D.2**MPE assessment for APX 6500 8/900MHz - roof mounted antenna – Passenger Back**

Trunk/ Roof	Test Position	E/H Field	Antenna No.	Antenna Model	Max Pwr (W)	Initial Pwr (W)	Tx Freq (MHz)	Max Calc. P.D. (mW/cm ²)	FCC Limit	% To FCC Spec Limit	ISED Limit	% To ISED Spec Limit
Roof	PB	E	1	HAF4013A, 806-941MHz	42.0	42.0	806.0000	0.02	0.54	2.8	0.25	5.9
						42.0	815.0000	0.01	0.54	1.9	0.26	4.1
						42.0	824.0000	0.00	0.55	0.8	0.26	1.8
						42.0	851.0000	0.01	0.57	1.1	0.26	2.4
						42.0	860.0000	0.01	0.57	1.6	0.27	3.4
						42.0	869.0000	0.01	0.58	1.2	0.27	2.6
					36.0	36.0	896.0000	0.01	0.60	1.3	0.27	2.8
						36.0	898.5000	0.01	0.60	1.1	0.27	2.3
						36.0	900.0000	0.01	0.60	1.1	0.27	2.5
						36.0	935.0000	0.00	0.62	0.7	0.28	1.5
						36.0	937.5000	0.00	0.63	0.6	0.28	1.3
						36.0	939.0000	0.00	0.63	0.5	0.28	1.2
					4.0	4.0	901.5000	0.00	0.60	0.1	0.27	0.3
						4.0	940.5000	0.00	0.63	0.1	0.28	0.2
			2	HAF4036A, 806-941MHz	42.0	42.0	806.0000	0.02	0.54	2.8	0.25	5.9
						42.0	815.0000	0.02	0.54	2.8	0.26	6.0
						42.0	824.0000	0.01	0.55	1.8	0.26	3.7
						42.0	851.0000	0.01	0.57	1.3	0.26	2.8
						42.0	860.0000	0.01	0.57	1.7	0.27	3.7
						42.0	869.0000	0.01	0.58	1.5	0.27	3.3
					36.0	36.0	896.0000	0.01	0.60	1.3	0.27	2.9
						36.0	898.5000	0.01	0.60	1.2	0.27	2.7
						36.0	900.0000	0.01	0.60	1.3	0.27	2.9
						36.0	935.0000	0.01	0.62	0.9	0.28	2.1
						36.0	937.5000	0.00	0.63	0.6	0.28	1.3
						36.0	939.0000	0.00	0.63	0.5	0.28	1.0
					4.0	4.0	901.5000	0.00	0.60	0.1	0.27	0.2
						4.0	940.5000	0.00	0.63	0.1	0.28	0.2

Table D.2 (Continued)**MPE assessment for APX 6500 8/900MHz - roof mounted antenna – Passenger Back**

Note: Results in bold font are configurations with highest percentage of limits.

Trunk/ Roof	Test Position	E/H Field	Antenna No.	Antenna Model	Max Pwr (W)	Initial Pwr (W)	Tx Freq (MHz)	Max Calc. P.D. (mW/cm^2)	FCC Limit	% To FCC Spec Limit	ISED Limit	% To ISED Spec Limit
Roof	PB	E	3	HAF4037A, 806-941MHz	42.0	42.0	806.0000	0.03	0.54	6.4	0.25	13.6
						42.0	815.0000	0.03	0.54	4.6	0.26	9.9
						42.0	824.0000	0.02	0.55	3.1	0.26	6.6
						42.0	851.0000	0.02	0.57	3.2	0.26	6.8
						42.0	860.0000	0.02	0.57	3.6	0.27	7.7
						42.0	869.0000	0.03	0.58	4.7	0.27	10.1
					36.0	36.0	896.0000	0.02	0.60	2.8	0.27	6.2
						36.0	898.5000	0.02	0.60	2.9	0.27	6.3
						36.0	900.0000	0.02	0.60	3.0	0.27	6.6
						36.0	935.0000	0.02	0.62	2.8	0.28	6.2
						36.0	937.5000	0.01	0.63	1.8	0.28	4.0
						36.0	939.0000	0.01	0.63	1.4	0.28	3.1
					4.0	4.0	901.5000	0.00	0.60	0.2	0.27	0.5
						4.0	940.5000	0.00	0.63	0.2	0.28	0.4

Table D.2 (Continued)

MPE assessment for APX 6500 8/900MHz - roof mounted antenna – Passenger Front

Trunk/ Roof	Test Position	E/H Field	Antenna No.	Antenna Model	Max Pwr (W)	Initial Pwr (W)	Tx Freq (MHz)	Max Calc. P.D. (mW/cm ²)	FCC Limit	% To FCC Spec Limit	ISED Limit	% To ISED Spec Limit
Roof	PF	E	1	HAF4013A, 806-941MHz	42.0	42.0	806.0000	0.01	0.54	2.0	0.25	4.3
						42.0	815.0000	0.01	0.54	1.2	0.26	2.5
						42.0	824.0000	0.01	0.55	1.1	0.26	2.4
						42.0	851.0000	0.00	0.57	0.8	0.26	1.7
						42.0	860.0000	0.00	0.57	0.7	0.27	1.4
						42.0	869.0000	0.00	0.58	0.7	0.27	1.5
					36.0	36.0	896.0000	0.01	0.60	1.2	0.27	2.6
						36.0	898.5000	0.00	0.60	0.7	0.27	1.5
						36.0	900.0000	0.01	0.60	0.9	0.27	2.0
						36.0	935.0000	0.00	0.62	0.6	0.28	1.4
						36.0	937.5000	0.00	0.63	0.4	0.28	0.9
						36.0	939.0000	0.00	0.63	0.4	0.28	0.9
					4.0	4.0	901.5000	0.00	0.60	0.1	0.27	0.1
						4.0	940.5000	0.00	0.63	0.0	0.28	0.1
			2	HAF4036A, 806-941MHz	42.0	42.0	806.0000	0.01	0.54	2.5	0.25	5.4
						42.0	815.0000	0.01	0.54	1.4	0.26	3.0
						42.0	824.0000	0.01	0.55	1.1	0.26	2.3
						42.0	851.0000	0.00	0.57	0.5	0.26	1.2
						42.0	860.0000	0.00	0.57	0.8	0.27	1.8
						42.0	869.0000	0.00	0.58	0.5	0.27	1.1
					36.0	36.0	896.0000	0.01	0.60	1.1	0.27	2.4
						36.0	898.5000	0.00	0.60	0.6	0.27	1.2
						36.0	900.0000	0.00	0.60	0.7	0.27	1.5
						36.0	935.0000	0.00	0.62	0.4	0.28	0.8
						36.0	937.5000	0.00	0.63	0.6	0.28	1.3
						36.0	939.0000	0.00	0.63	0.3	0.28	0.6
					4.0	4.0	901.5000	0.00	0.60	0.0	0.27	0.1
						4.0	940.5000	0.00	0.63	0.0	0.28	0.1

Table D.2 (Continued)

MPE assessment for APX 6500 8/900 - roof mounted antenna – Passenger Front

Trunk/ Roof	Test Position	E/H Field	Antenna No.	Antenna Model	Max Pwr (W)	Initial Pwr (W)	Tx Freq (MHz)	Max Calc. P.D. (mW/cm ²)	FCC Limit	% To FCC Spec Limit	ISED Limit	% To ISED Spec Limit
Roof	PF	E	3	HAF4037A, 806-941MHz	42.0	42.0	806.0000	0.02	0.54	4.6	0.25	9.8
						42.0	815.0000	0.02	0.54	3.9	0.26	8.4
						42.0	824.0000	0.01	0.55	2.4	0.26	5.1
						42.0	851.0000	0.01	0.57	2.0	0.26	4.2
						42.0	860.0000	0.02	0.57	3.0	0.27	6.5
						42.0	869.0000	0.01	0.58	2.2	0.27	4.8
					36.0	36.0	896.0000	0.02	0.60	2.5	0.27	5.6
						36.0	898.5000	0.01	0.60	2.1	0.27	4.6
						36.0	900.0000	0.01	0.60	1.9	0.27	4.2
						36.0	935.0000	0.01	0.62	1.8	0.28	3.9
						36.0	937.5000	0.01	0.63	1.3	0.28	2.9
						36.0	939.0000	0.01	0.63	1.7	0.28	3.7
					4.0	4.0	901.5000	0.00	0.60	0.1	0.27	0.3
						4.0	940.5000	0.00	0.63	0.1	0.28	0.3

Table D.3
APX 6500 8/900MHz MPE Results for FCC

Pmax (W) 42/36/4				P initial (W)																	
				FCC Limit (mW/cm²)																	
				42	42	42	42	42	42	36	36	36	36	4	36	36	36	36	4		
				0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6		
Test Pos	Angle	Trunk/Roof	E/H Field	Antenna no.	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13	F14	F15	F16	
					806.0000	815.0000	824.0000	851.0000	860.0000	869.0000	896.0000	896.0125	898.5000	900.0000	901.5000	935.0000	935.0125	937.5000	939.0000	940.5000	
B51	0	Roof	E	1	0.020	0.010	0.010	0.010	0.020	0.010		0.010	0.010	0.010	0.000		0.010	0.010	0.010	0.000	
B51	0	Roof	E	2	0.020	0.010	0.010	0.010	0.010	0.010		0.010	0.010	0.010	0.000		0.010	0.010	0.010	0.000	
B51	0	Roof	E	3	0.033	0.030	0.030	0.020	0.020	0.020		0.020	0.020	0.020	0.000		0.020	0.020	0.010	0.000	
B52	0	Roof	E	1	0.010	0.010	0.010	0.010	0.010	0.010		0.010	0.010	0.010	0.000		0.010	0.010	0.010	0.000	
B52	0	Roof	E	2	0.010	0.010	0.010	0.010	0.010	0.010		0.010	0.010	0.010	0.000		0.010	0.010	0.010	0.000	
B52	0	Roof	E	3	0.028	0.020	0.020	0.030	0.020	0.030		0.020	0.020	0.020	0.000		0.020	0.020	0.020	0.000	
B53	0	Roof	E	1	0.010	0.010	0.010	0.010	0.010	0.010		0.010	0.010	0.010	0.000		0.010	0.010	0.010	0.000	
B53	0	Roof	E	2	0.010	0.010	0.010	0.010	0.010	0.010		0.010	0.010	0.010	0.000		0.000	0.000	0.000	0.000	
B53	0	Roof	E	3	0.023	0.020	0.020	0.010	0.010	0.010		0.010	0.010	0.010	0.000		0.020	0.010	0.010	0.000	
B54	0	Roof	E	1	0.010	0.010	0.010	0.010	0.010	0.000		0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	
B54	0	Roof	E	2	0.010	0.010	0.010	0.010	0.000	0.000		0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	
B54	0	Roof	E	3	0.020	0.010	0.010	0.010	0.010	0.010		0.010	0.010	0.010	0.000		0.010	0.010	0.010	0.000	
B55	0	Roof	E	1	0.010	0.010	0.010	0.010	0.010	0.010		0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	
B55	0	Roof	E	2	0.010	0.010	0.010	0.010	0.010	0.000		0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	
B55	0	Roof	E	3	0.019	0.020	0.020	0.010	0.010	0.020		0.010	0.010	0.010	0.000		0.010	0.010	0.010	0.000	
PB	0	Roof	E	1	0.015	0.011	0.005	0.006	0.009	0.007	0.008		0.006	0.007	0.001	0.004		0.004	0.003	0.001	
PB	0	Roof	E	2	0.015	0.015	0.010	0.007	0.010	0.009	0.008		0.007	0.008	0.001	0.006		0.004	0.003	0.001	
PB	0	Roof	E	3	0.035	0.025	0.017	0.018	0.021	0.027	0.017		0.017	0.018	0.001	0.017		0.011	0.009	0.001	
PF	0	Roof	E	1	0.011	0.006	0.006	0.004	0.004	0.004	0.007		0.004	0.006	0.000	0.004		0.002	0.003	0.000	
PF	0	Roof	E	2	0.014	0.008	0.006	0.003	0.005	0.003	0.007		0.003	0.004	0.000	0.002		0.004	0.002	0.000	
PF	0	Roof	E	3	0.025	0.021	0.013	0.011	0.017	0.013	0.015		0.013	0.012	0.001	0.011		0.008	0.010	0.001	

Appendix E – MPE Test Results Summary for Companion Device (DVR UHF)

Table E.1**MPE assessment for DVR UHF - trunk mounted antenna – Bystander**

Note:

Results in bold font are configurations with highest percentage of limits.

Trunk / Roof	Test Post.	E/H Field	Antenna No.	Antenna Model	Max Pwr (W)	Initial Pwr (W)	Tx Freq (MHz)	Max Calc. P.D. (mW/cm ²)	FCC Limit	% To FCC Spec Limit	ISED Limit	% To ISED Spec Limit
Trunk	BS1	E	14	HAE6012A, 1/4 Wave (380-433MHz)	10.0	9.68	406.5000	0.005	0.27	1.9	0.16	3.3
						9.90	417.5000	0.006	0.28	2.1	0.16	3.6
						9.60	429.9875	0.007	0.29	2.5	0.17	4.4
Trunk	BS2	E	14	HAE6012A, 1/4 Wave (380-433MHz)	10.0	9.68	406.5000	0.016	0.27	5.8	0.16	9.8
						9.90	417.5000	0.015	0.28	5.4	0.16	9.2
						9.60	429.9875	0.015	0.29	5.2	0.17	9.0
Trunk	BS3	E	14	HAE6012A, 1/4 Wave (380-433MHz)	10.0	9.68	406.5000	0.021	0.27	7.9	0.16	13.5
						9.90	417.5000	0.021	0.28	7.4	0.16	12.8
						9.60	429.9875	0.026	0.29	9.0	0.17	15.6
Trunk	BS4	E	14	HAE6012A, 1/4 Wave (380-433MHz)	10.0	9.68	406.5000	0.041	0.27	15.2	0.16	25.9
						9.90	417.5000	0.039	0.28	14.0	0.16	24.2
						9.60	429.9875	0.035	0.29	12.4	0.17	21.4
Trunk	BS5	E	14	HAE6012A, 1/4 Wave (380-433MHz)	10.0	9.68	406.5000	0.036	0.27	13.2	0.16	22.5
						9.90	417.5000	0.026	0.28	9.3	0.16	16.0
						9.60	429.9875	0.023	0.29	8.1	0.17	14.1
Trunk	BS1	E	15	HAE4003A, 1/4 Wave (450-470MHz)	10.0	9.96	450.0000	0.005	0.30	1.6	0.17	2.8
						9.90	460.0000	0.004	0.31	1.2	0.17	2.2
						10.00	470.0000	0.003	0.31	0.9	0.18	1.5
Trunk	BS2	E	15	HAE4003A, 1/4 Wave (450-470MHz)	10.0	9.96	450.0000	0.006	0.30	2.1	0.17	3.8
						9.90	460.0000	0.007	0.31	2.3	0.17	4.0
						10.00	470.0000	0.006	0.31	2.0	0.18	3.6
Trunk	BS3	E	15	HAE4003A, 1/4 Wave (450-470MHz)	10.0	9.96	450.0000	0.014	0.30	4.6	0.17	8.1
						9.90	460.0000	0.013	0.31	4.3	0.17	7.6
						10.00	470.0000	0.014	0.31	4.3	0.18	7.7
Trunk	BS4	E	15	HAE4003A, 1/4 Wave (450-470MHz)	10.0	9.96	450.0000	0.022	0.30	7.5	0.17	13.1
						9.90	460.0000	0.018	0.31	5.9	0.17	10.5
						10.00	470.0000	0.019	0.31	6.1	0.18	10.9

Table E.1 (Continued)**MPE assessment for DVR UHF - trunk mounted antenna - Bystander**

Trunk / Roof	Test Post.	E/H Field	Antenna No.	Antenna Model	Max Pwr (W)	Initial Pwr (W)	Tx Freq (MHz)	Max Calc. P.D. (mW/cm ²)	FCC Limit	% To FCC Spec Limit	ISED Limit	% To ISED Spec Limit
Trunk	BS5	E	15	HAE4003A, 1/4 Wave (450-470MHz)	10.0	9.96	450.0000	0.014	0.30	4.6	0.17	8.1
						9.90	460.0000	0.013	0.31	4.3	0.17	7.7
						10.00	470.0000	0.014	0.31	4.6	0.18	8.1
Trunk	BS1	E	16	HAE4004A, 1/4 Wave (470-512MHz)	10.0	10.00	470.0000	0.003	0.31	0.9	0.18	1.6
						9.61	484.0000	0.003	0.32	0.9	NA	NA
						9.83	498.0000	0.003	0.33	0.8	NA	NA
						9.75	512.0000	0.004	0.34	1.0	NA	NA
Trunk	BS2	E	16	HAE4004A, 1/4 Wave (470-512MHz)	10.0	10.00	470.0000	0.005	0.31	1.7	0.18	3.1
						9.61	484.0000	0.007	0.32	2.3	NA	NA
						9.83	498.0000	0.009	0.33	2.6	NA	NA
						9.75	512.0000	0.012	0.34	3.6	NA	NA
Trunk	BS3	E	16	HAE4004A, 1/4 Wave (470-512MHz)	10.0	10.00	470.0000	0.013	0.31	4.2	0.18	7.5
						9.61	484.0000	0.014	0.32	4.4	NA	NA
						9.83	498.0000	0.012	0.33	3.8	NA	NA
						9.75	512.0000	0.012	0.34	3.6	NA	NA
Trunk	BS4	E	16	HAE4004A, 1/4 Wave (470-512MHz)	10.0	10.00	470.0000	0.017	0.31	5.5	0.18	9.7
						9.61	484.0000	0.019	0.32	5.9	NA	NA
						9.83	498.0000	0.018	0.33	5.4	NA	NA
						9.75	512.0000	0.018	0.34	5.3	NA	NA
Trunk	BS5	E	16	HAE4004A, 1/4 Wave (470-512MHz)	10.0	10.00	470.0000	0.016	0.31	5.0	0.18	9.0
						9.61	484.0000	0.018	0.32	5.6	NA	NA
						9.83	498.0000	0.016	0.33	4.8	NA	NA
						9.75	512.0000	0.015	0.34	4.3	NA	NA

Table E.2**MPE assessment for DVR UHF– trunk mounted antenna – Passenger**

Note: Results in bold font are configurations with highest percentage of limits.

Trunk / Roof	Test Post.	E/H Field	Antenna No.	Antenna Model	Max Pwr (W)	Initial Pwr (W)	Tx Freq (MHz)	Max Calc. P.D. (mW/cm ²)	FCC Limit	% To FCC Spec Limit	ISED Limit	% To ISED Spec Limit
Trunk	PB	E	14	HAE6012A, 1/4 Wave (380-433MHz)	10.0	9.68	406.5000	0.104	0.27	38.4	0.16	65.4
						9.90	417.5000	0.092	0.28	32.9	0.16	56.6
						9.60	429.9875	0.065	0.29	22.5	0.17	39.1
Trunk	PF	E	14	HAE6012A, 1/4 Wave (380-433MHz)	10.0	9.68	406.5000	0.044	0.27	16.1	0.16	27.5
						9.90	417.5000	0.028	0.28	10.2	0.16	17.5
						9.60	429.9875	0.035	0.29	12.2	0.17	21.2
Trunk	PB	E	15	HAE4003A, 1/4 Wave (450-470MHz)	10.0	9.96	450.0000	0.153	0.30	51.1	0.17	90.0
						9.90	460.0000	0.163	0.31	53.0	0.17	94.1
						10.00	470.0000	0.121	0.31	38.5	0.18	68.7
Trunk	PF	E	15	HAE4003A, 1/4 Wave (450-470MHz)	10.0	9.96	450.0000	0.038	0.30	12.5	0.17	22.0
						9.90	460.0000	0.043	0.31	14.0	0.17	24.9
						10.00	470.0000	0.039	0.31	12.5	0.18	22.3
Trunk	PB	E	16	HAE4004A, 1/4 Wave (470-512MHz)	10.0	10.00	470.0000	0.136	0.31	43.3	0.18	77.2
						9.61	484.0000	0.158	0.32	49.0	NA	NA
						9.83	498.0000	0.095	0.33	28.6	NA	NA
						9.75	512.0000	0.144	0.34	42.1	NA	NA
Trunk	PF	E	16	HAE4004A, 1/4 Wave (470-512MHz)	10.0	10.00	470.0000	0.031	0.31	9.7	0.18	17.4
						9.61	484.0000	0.028	0.32	8.7	NA	NA
						9.83	498.0000	0.033	0.33	10.0	NA	NA
						9.75	512.0000	0.037	0.34	10.8	NA	NA

Table E.3
DVR UHF MPE Results for FCC

Pmax (W)	10	Pinitial (W)	9.68	9.90	9.60	9.96	9.90	10.00	9.61	9.83	9.75
FCCLimit (mW/cm^2)			0.27	0.28	0.29	0.30	0.31	0.31	0.32	0.33	0.34

Table	Test Post.	Angle	Trunk / Roof	E/H Field	Antenna No.	f3	f4	f5	f6	f7	f8	f9	f10	f11
						406.5000	417.5000	429.9875	450.0000	460.0000	470.0000	484.0000	498.0000	512.0000
E.1	BS1		Trunk	E	14	0.005	0.006	0.007						
E.1	BS2		Trunk	E	14	0.016	0.015	0.015						
E.1	BS3		Trunk	E	14	0.021	0.021	0.026						
E.1	BS4		Trunk	E	14	0.041	0.039	0.035						
E.1	BS5		Trunk	E	14	0.036	0.026	0.023						
E.1	BS1		Trunk	E	15				0.005	0.004	0.003			
E.1	BS2		Trunk	E	15				0.006	0.007	0.006			
E.1	BS3		Trunk	E	15				0.014	0.013	0.014			
E.1	BS4		Trunk	E	15				0.022	0.018	0.019			
E.1	BS5		Trunk	E	15				0.014	0.013	0.014			
E.1	BS1		Trunk	E	16						0.003	0.003	0.003	0.004
E.1	BS2		Trunk	E	16						0.005	0.007	0.009	0.012
E.1	BS3		Trunk	E	16						0.013	0.014	0.012	0.012
E.1	BS4		Trunk	E	16						0.017	0.019	0.018	0.018
E.1	BS5		Trunk	E	16						0.016	0.018	0.016	0.015
E.2	PB		Trunk	E	14	0.104	0.092	0.065						
E.2	PF		Trunk	E	14	0.044	0.055	0.035						
E.2	PB		Trunk	E	15				0.153	0.163	0.121			
E.2	PF		Trunk	E	15				0.038	0.043	0.039			
E.2	PB		Trunk	E	16						0.136	0.158	0.095	0.144
E.2	PF		Trunk	E	16						0.031	0.028	0.033	0.037

Appendix F – MPE Test Results Summary for APX 6500 8/900MHz

Table F.1

APX 6500 8/900MHz - MPE measurement data for Bystander

D.U.T. Info.									Probe Info.			MPE Measurements												DUT Max. TX Factor	Avg. over Body (mW/ cm2)	Calc. P.D. (mW/ cm2)	Max Calc. P.D. (mW/ cm2)
(2) Ant Loc.	Ant. Model/ Desc.	Ant. Gain (dBi)	Ant. Meas. Dist. (cm)	Tx Freq (MHz)	(3) Max Pwr (W)	Initial Pwr (W)	Test Mode	E/H Field	(4) Probe Cal. Factor	(5) Test Pos.		(6) Meas. Unit	Bystander (BS) Positions														
													20 cm	40 cm	60 cm	80 cm	100 cm	120 cm	140 cm	160 cm	180 cm	200 cm					
Roof	HAF4013A, 806-941MHz	5.15	90	806.0000	42.0	42.0	CW	E	1.200	BS1	2	0.006	0.005	0.009	0.013	0.012	0.020	0.036	0.049	0.058	0.071	0.5	0.033	0.017	0.017		
Roof	HAF4013A, 806-941MHz	5.15	90	815.0000	42.0	42.0	CW	E	1.190	BS1	2	0.002	0.006	0.005	0.002	0.004	0.014	0.028	0.045	0.057	0.079	0.5	0.029	0.014	0.014		
Roof	HAF4013A, 806-941MHz	5.15	90	824.0000	42.0	42.0	CW	E	1.180	BS1	2	0.004	0.004	0.005	0.006	0.009	0.019	0.025	0.035	0.067	0.075	0.5	0.029	0.015	0.015		
Roof	HAF4013A, 806-941MHz	5.15	90	851.0000	42.0	42.0	CW	E	1.150	BS1	2	0.004	0.005	0.004	0.008	0.009	0.014	0.022	0.039	0.062	0.079	0.5	0.028	0.014	0.014		
Roof	HAF4013A, 806-941MHz	5.15	90	860.0000	42.0	42.0	CW	E	1.140	BS1	2	0.001	0.003	0.005	0.003	0.007	0.019	0.030	0.042	0.070	0.098	0.5	0.032	0.016	0.016		
Roof	HAF4013A, 806-941MHz	5.15	90	869.0000	42.0	42.0	CW	E	1.140	BS1	2	0.004	0.003	0.004	0.005	0.006	0.015	0.022	0.041	0.067	0.064	0.5	0.026	0.013	0.013		
Roof	HAF4013A, 806-941MHz	5.15	90	896.0125	36.0	36.0	CW	E	1.110	BS1	2	0.003	0.002	0.003	0.007	0.010	0.012	0.021	0.031	0.048	0.047	0.5	0.020	0.010	0.010		
Roof	HAF4013A, 806-941MHz	5.15	90	898.5000	36.0	36.0	CW	E	1.100	BS1	2	0.004	0.004	0.003	0.006	0.009	0.011	0.015	0.027	0.043	0.058	0.5	0.020	0.010	0.010		
Roof	HAF4013A, 806-941MHz	5.15	90	900.0000	36.0	36.0	CW	E	1.100	BS1	2	0.003	0.002	0.004	0.005	0.006	0.009	0.013	0.027	0.047	0.050	0.5	0.018	0.009	0.009		
Roof	HAF4013A, 806-941MHz	5.15	90	935.0125	36.0	36.0	CW	E	1.070	BS1	2	0.001	0.000	0.001	0.005	0.013	0.020	0.023	0.027	0.041	0.057	0.5	0.020	0.010	0.010		
Roof	HAF4013A, 806-941MHz	5.15	90	937.5000	36.0	36.0	CW	E	1.060	BS1	2	0.001	0.001	0.003	0.004	0.010	0.015	0.020	0.024	0.035	0.042	0.5	0.016	0.008	0.008		
Roof	HAF4013A, 806-941MHz	5.15	90	939.0000	36.0	36.0	CW	E	1.060	BS1	2	0.000	0.003	0.005	0.003	0.006	0.009	0.015	0.019	0.032	0.037	0.5	0.014	0.007	0.007		
Roof	HAF4013A, 806-941MHz	5.15	90	901.5000	4.0	4.0	CW	E	1.060	BS1	2	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.003	0.005	0.006	0.5	0.002	0.001	0.001		
Roof	HAF4013A, 806-941MHz	5.15	90	940.5000	4.0	4.0	CW	E	1.100	BS1	2	0.000	0.000	0.000	0.000	0.001	0.001	0.002	0.003	0.004	0.004	0.5	0.002	0.001	0.001		
Roof	HAF4013A, 806-941MHz	5.15	90	806.0000	42.0	42.0	CW	E	1.200	BS2	2	0.002	0.002	0.003	0.006	0.013	0.014	0.021	0.040	0.044	0.051	0.5	0.024	0.012	0.012		
Roof	HAF4013A, 806-941MHz	5.15	90	815.0000	42.0	42.0	CW	E	1.190	BS2	2	0.003	0.004	0.007	0.008	0.009	0.018	0.028	0.041	0.053	0.049	0.5	0.026	0.013	0.013		
Roof	HAF4013A, 806-941MHz	5.15	90	824.0000	42.0	42.0	CW	E	1.180	BS2	2	0.002	0.003	0.004	0.009	0.012	0.018	0.019	0.037	0.044	0.063	0.5	0.025	0.012	0.012		
Roof	HAF4013A, 806-941MHz	5.15	90	851.0000	42.0	42.0	CW	E	1.150	BS2	2	0.001	0.003	0.004	0.007	0.014	0.022	0.028	0.044	0.053	0.073	0.5	0.029	0.014	0.014		
Roof	HAF4013A, 806-941MHz	5.15	90	860.0000	42.0	42.0	CW	E	1.140	BS2	2	0.002	0.004	0.005	0.004	0.006	0.013	0.024	0.049	0.056	0.055	0.5	0.025	0.012	0.012		
Roof	HAF4013A, 806-941MHz	5.15	90	869.0000	42.0	42.0	CW	E	1.140	BS2	2	0.003	0.003	0.006	0.006	0.006	0.013	0.037	0.051	0.050	0.047	0.5	0.025	0.013	0.013		
Roof	HAF4013A, 806-941MHz	5.15	90	896.0125	36.0	36.0	CW	E	1.110	BS2	2	0.001	0.002	0.002	0.004	0.008	0.013	0.019	0.026	0.030	0.047	0.5	0.017	0.008	0.008		
Roof	HAF4013A, 806-941MHz	5.15	90	898.5000	36.0	36.0	CW	E	1.100	BS2	2	0.001	0.002	0.003	0.005	0.010	0.015	0.018	0.027	0.036	0.039	0.5	0.017	0.009	0.009		
Roof	HAF4013A, 806-941MHz	5.15	90	900.0000	36.0	36.0	CW	E	1.100	BS2	2	0.001	0.002	0.005	0.006	0.006	0.010	0.014	0.018	0.032	0.040	0.5	0.015	0.007	0.007		
Roof	HAF4013A, 806-941MHz	5.15	90	935.0125	36.0	36.0	CW	E	1.070	BS2	2	0.002	0.003	0.004	0.004	0.007	0.015	0.021	0.018	0.030	0.037	0.5	0.015	0.008	0.008		
Roof	HAF4013A, 806-941MHz	5.15	90	937.5000	36.0	36.0	CW	E	1.060	BS2	2	0.002	0.003	0.006	0.005	0.008	0.019	0.022	0.022	0.025	0.037	0.5	0.016	0.008	0.008		
Roof	HAF4013A, 806-941MHz	5.15	90	939.0000	36.0	36.0	CW	E	1.060	BS2	2	0.001	0.003	0.004	0.003	0.008	0.012	0.014	0.020	0.025	0.035	0.5	0.013	0.007	0.007		
Roof	HAF4013A, 806-941MHz	5.15	90	901.5000	4.0	4.0	CW	E	1.060	BS2	2	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.002	0.004	0.004	0.5	0.001	0.001	0.001		
Roof	HAF4013A, 806-941MHz	5.15	90	940.5000	4.0	4.0	CW	E	1.100	BS2	2	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.003	0.003	0.004	0.5	0.001	0.001	0.001		

MPE calculations are defined in section 15.0

Table F.1 (Continued)

APX 6500 8/900MHz - MPE measurement data for Bystander

D.U.T. Info.										Probe Info.			MPE Measurements										DUT Max. TX Factor	Avg. over Body (mW/ cm2)	Calc. P.D. (mW/ cm2)	Max Calc. P.D. (mW/ cm2)
(2) Ant Loc.	Ant. Model/ Desc.	Ant. Gain (dBi)	Ant. Meas. Dist. (cm)	Tx Freq (MHz)	(3) Max Pwr (W)	Initial Pwr (W)	Test Mode	E/H Field	(4) Probe Cal. Factor	(5) Test Pos.	(6) Meas. Unit		Bystander (BS) Positions													
													20 cm	40 cm	60 cm	80 cm	100 cm	120 cm	140 cm	160 cm	180 cm	200 cm				
Roof	HAF4013A, 806-941MHz	5.15	90	806.0000	42.0	42.0	CW	E	1.200	BS3	2	0.007	0.006	0.004	0.006	0.009	0.013	0.020	0.024	0.035	0.047	0.5	0.021	0.010	0.010	
Roof	HAF4013A, 806-941MHz	5.15	90	815.0000	42.0	42.0	CW	E	1.190	BS3	2	0.004	0.007	0.008	0.004	0.005	0.010	0.023	0.021	0.029	0.030	0.5	0.017	0.008	0.008	
Roof	HAF4013A, 806-941MHz	5.15	90	824.0000	42.0	42.0	CW	E	1.180	BS3	2	0.005	0.005	0.005	0.009	0.012	0.017	0.025	0.031	0.033	0.048	0.5	0.022	0.011	0.011	
Roof	HAF4013A, 806-941MHz	5.15	90	851.0000	42.0	42.0	CW	E	1.150	BS3	2	0.004	0.003	0.004	0.006	0.005	0.008	0.013	0.017	0.020	0.032	0.5	0.013	0.006	0.006	
Roof	HAF4013A, 806-941MHz	5.15	90	860.0000	42.0	42.0	CW	E	1.140	BS3	2	0.006	0.006	0.004	0.003	0.005	0.013	0.019	0.022	0.036	0.034	0.5	0.017	0.008	0.008	
Roof	HAF4013A, 806-941MHz	5.15	90	869.0000	42.0	42.0	CW	E	1.140	BS3	2	0.006	0.003	0.004	0.007	0.006	0.007	0.012	0.013	0.020	0.035	0.5	0.013	0.006	0.006	
Roof	HAF4013A, 806-941MHz	5.15	90	896.0125	36.0	36.0	CW	E	1.110	BS3	2	0.003	0.004	0.004	0.005	0.005	0.007	0.015	0.018	0.025	0.027	0.5	0.013	0.006	0.006	
Roof	HAF4013A, 806-941MHz	5.15	90	898.5000	36.0	36.0	CW	E	1.100	BS3	2	0.004	0.002	0.004	0.007	0.006	0.010	0.015	0.019	0.020	0.030	0.5	0.013	0.006	0.006	
Roof	HAF4013A, 806-941MHz	5.15	90	900.0000	36.0	36.0	CW	E	1.100	BS3	2	0.004	0.003	0.004	0.005	0.006	0.011	0.018	0.022	0.032	0.030	0.5	0.015	0.007	0.007	
Roof	HAF4013A, 806-941MHz	5.15	90	935.0125	36.0	36.0	CW	E	1.070	BS3	2	0.002	0.002	0.004	0.005	0.006	0.010	0.013	0.019	0.022	0.028	0.5	0.012	0.006	0.006	
Roof	HAF4013A, 806-941MHz	5.15	90	937.5000	36.0	36.0	CW	E	1.060	BS3	2	0.002	0.002	0.003	0.004	0.004	0.012	0.015	0.015	0.016	0.024	0.5	0.010	0.005	0.005	
Roof	HAF4013A, 806-941MHz	5.15	90	939.0000	36.0	36.0	CW	E	1.060	BS3	2	0.003	0.002	0.003	0.003	0.005	0.011	0.015	0.016	0.019	0.023	0.5	0.011	0.005	0.005	
Roof	HAF4013A, 806-941MHz	5.15	90	901.5000	4.0	4.0	CW	E	1.060	BS3	2	0.000	0.000	0.000	0.000	0.000	0.001	0.002	0.002	0.002	0.003	0.5	0.001	0.001	0.001	
Roof	HAF4013A, 806-941MHz	5.15	90	940.5000	4.0	4.0	CW	E	1.100	BS3	2	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.002	0.003	0.5	0.001	0.001	0.001	
Roof	HAF4013A, 806-941MHz	5.15	90	806.0000	42.0	42.0	CW	E	1.200	BS4	2	0.003	0.003	0.003	0.010	0.012	0.011	0.014	0.028	0.035	0.037	0.5	0.019	0.009	0.009	
Roof	HAF4013A, 806-941MHz	5.15	90	815.0000	42.0	42.0	CW	E	1.190	BS4	2	0.004	0.003	0.002	0.003	0.006	0.006	0.010	0.020	0.024	0.018	0.5	0.011	0.006	0.006	
Roof	HAF4013A, 806-941MHz	5.15	90	824.0000	42.0	42.0	CW	E	1.180	BS4	2	0.001	0.003	0.004	0.006	0.006	0.007	0.010	0.015	0.026	0.025	0.5	0.012	0.006	0.006	
Roof	HAF4013A, 806-941MHz	5.15	90	851.0000	42.0	42.0	CW	E	1.150	BS4	2	0.002	0.003	0.002	0.006	0.010	0.009	0.009	0.013	0.021	0.029	0.5	0.012	0.006	0.006	
Roof	HAF4013A, 806-941MHz	5.15	90	860.0000	42.0	42.0	CW	E	1.140	BS4	2	0.003	0.003	0.002	0.004	0.004	0.006	0.012	0.027	0.023	0.019	0.5	0.012	0.006	0.006	
Roof	HAF4013A, 806-941MHz	5.15	90	869.0000	42.0	42.0	CW	E	1.140	BS4	2	0.002	0.004	0.004	0.004	0.003	0.005	0.011	0.019	0.013	0.009	0.5	0.008	0.004	0.004	
Roof	HAF4013A, 806-941MHz	5.15	90	896.0125	36.0	36.0	CW	E	1.110	BS4	2	0.002	0.004	0.005	0.001	0.007	0.006	0.004	0.010	0.016	0.017	0.5	0.008	0.004	0.004	
Roof	HAF4013A, 806-941MHz	5.15	90	898.5000	36.0	36.0	CW	E	1.100	BS4	2	0.003	0.003	0.002	0.003	0.003	0.004	0.003	0.006	0.009	0.009	0.5	0.005	0.002	0.002	
Roof	HAF4013A, 806-941MHz	5.15	90	900.0000	36.0	36.0	CW	E	1.100	BS4	2	0.002	0.003	0.002	0.002	0.002	0.003	0.004	0.009	0.010	0.009	0.5	0.005	0.003	0.003	
Roof	HAF4013A, 806-941MHz	5.15	90	935.0125	36.0	36.0	CW	E	1.070	BS4	2	0.002	0.003	0.003	0.005	0.006	0.006	0.008	0.015	0.017	0.016	0.5	0.009	0.004	0.004	
Roof	HAF4013A, 806-941MHz	5.15	90	937.5000	36.0	36.0	CW	E	1.060	BS4	2	0.001	0.002	0.002	0.005	0.004	0.003	0.005	0.013	0.014	0.011	0.5	0.006	0.003	0.003	
Roof	HAF4013A, 806-941MHz	5.15	90	939.0000	36.0	36.0	CW	E	1.060	BS4	2	0.001	0.001	0.002	0.005	0.003	0.002	0.005	0.012	0.011	0.009	0.5	0.005	0.003	0.003	
Roof	HAF4013A, 806-941MHz	5.15	90	901.5000	4.0	4.0	CW	E	1.060	BS4	2	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.002	0.001	0.1	0.5	0.000	0.000	0.000	
Roof	HAF4013A, 806-941MHz	5.15	90	940.5000	4.0	4.0	CW	E	1.100	BS4	2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.5	0.000	0.000	0.000	

MPE calculations are defined in section 15.0

Table F.1 (Continued)
APX 6500 8/900MHz - MPE measurement data for Bystander

D.U.T. Info.										Probe Info.			MPE Measurements										DUT Max. TX Factor	Avg. over Body (mW/ cm2)	Calc. P.D. (mW/ cm2)	Max Calc. P.D. (mW/ cm2)
(2)Ant Loc.	Ant. Model/ Desc.	Ant. Gain (dBi)	Ant. Meas. Dist. (cm)	Tx Freq (MHz)	(3) Max Pwr (W)	Initial Pwr (W)	Test Mode	E/H Field	(4) Probe Cal. Factor	(5) Test Pos.	(6) Meas. Unit		Bystander (BS) Positions													
													20 cm	40 cm	60 cm	80 cm	100 cm	120 cm	140 cm	160 cm	180 cm	200 cm				
Roof	HAF4013A, 806-941MHz	5.15	90	806.0000	42.0	42.0	CW	E	1.200	BS5	2	0.001	0.002	0.002	0.006	0.012	0.014	0.009	0.012	0.031	0.042	0.5	0.016	0.008	0.008	
Roof	HAF4013A, 806-941MHz	5.15	90	815.0000	42.0	42.0	CW	E	1.190	BS5	2	0.002	0.002	0.004	0.012	0.015	0.014	0.009	0.009	0.028	0.040	0.5	0.016	0.008	0.008	
Roof	HAF4013A, 806-941MHz	5.15	90	824.0000	42.0	42.0	CW	E	1.180	BS5	2	0.002	0.003	0.003	0.009	0.004	0.012	0.008	0.012	0.031	0.038	0.5	0.014	0.007	0.007	
Roof	HAF4013A, 806-941MHz	5.15	90	851.0000	42.0	42.0	CW	E	1.150	BS5	2	0.001	0.003	0.004	0.007	0.006	0.005	0.004	0.009	0.032	0.026	0.5	0.011	0.006	0.006	
Roof	HAF4013A, 806-941MHz	5.15	90	860.0000	42.0	42.0	CW	E	1.140	BS5	2	0.000	0.002	0.005	0.006	0.007	0.011	0.013	0.014	0.025	0.025	0.5	0.012	0.006	0.006	
Roof	HAF4013A, 806-941MHz	5.15	90	869.0000	42.0	42.0	CW	E	1.140	BS5	2	0.000	0.001	0.003	0.008	0.009	0.008	0.008	0.011	0.023	0.027	0.5	0.011	0.006	0.006	
Roof	HAF4013A, 806-941MHz	5.15	90	896.0125	36.0	36.0	CW	E	1.110	BS5	2	0.001	0.002	0.003	0.004	0.004	0.005	0.005	0.008	0.019	0.026	0.5	0.009	0.004	0.004	
Roof	HAF4013A, 806-941MHz	5.15	90	898.5000	36.0	36.0	CW	E	1.100	BS5	2	0.000	0.001	0.003	0.005	0.007	0.006	0.004	0.007	0.015	0.021	0.5	0.008	0.004	0.004	
Roof	HAF4013A, 806-941MHz	5.15	90	900.0000	36.0	36.0	CW	E	1.100	BS5	2	0.001	0.001	0.001	0.004	0.006	0.005	0.005	0.012	0.017	0.021	0.5	0.008	0.004	0.004	
Roof	HAF4013A, 806-941MHz	5.15	90	935.0125	36.0	36.0	CW	E	1.070	BS5	2	0.000	0.001	0.002	0.002	0.003	0.006	0.007	0.010	0.023	0.024	0.5	0.008	0.004	0.004	
Roof	HAF4013A, 806-941MHz	5.15	90	937.5000	36.0	36.0	CW	E	1.060	BS5	2	0.000	0.001	0.003	0.004	0.004	0.005	0.006	0.008	0.019	0.021	0.5	0.008	0.004	0.004	
Roof	HAF4013A, 806-941MHz	5.15	90	939.0000	36.0	36.0	CW	E	1.060	BS5	2	0.000	0.002	0.005	0.006	0.004	0.006	0.006	0.009	0.014	0.019	0.5	0.008	0.004	0.004	
Roof	HAF4013A, 806-941MHz	5.15	90	901.5000	4.0	4.0	CW	E	1.060	BS5	2	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.001	0.002	0.002	0.5	0.001	0.000	0.000	
Roof	HAF4013A, 806-941MHz	5.15	90	940.5000	4.0	4.0	CW	E	1.100	BS5	2	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.5	0.001	0.000	0.000	
Roof	HAF4036A, 806-941MHz	2.14	90	806.0000	42.0	42.0	CW	E	1.200	BS1	2	0.006	0.005	0.007	0.011	0.013	0.024	0.035	0.046	0.053	0.065	0.5	0.032	0.016	0.016	
Roof	HAF4036A, 806-941MHz	2.14	90	815.0000	42.0	42.0	CW	E	1.190	BS1	2	0.002	0.005	0.004	0.002	0.005	0.014	0.026	0.042	0.059	0.066	0.5	0.027	0.013	0.013	
Roof	HAF4036A, 806-941MHz	2.14	90	824.0000	42.0	42.0	CW	E	1.180	BS1	2	0.004	0.004	0.005	0.007	0.009	0.016	0.024	0.034	0.065	0.074	0.5	0.029	0.014	0.014	
Roof	HAF4036A, 806-941MHz	2.14	90	851.0000	42.0	42.0	CW	E	1.150	BS1	2	0.005	0.004	0.004	0.005	0.006	0.010	0.018	0.022	0.047	0.058	0.5	0.021	0.010	0.010	
Roof	HAF4036A, 806-941MHz	2.14	90	860.0000	42.0	42.0	CW	E	1.140	BS1	2	0.001	0.003	0.005	0.002	0.006	0.015	0.027	0.035	0.057	0.069	0.5	0.025	0.013	0.013	
Roof	HAF4036A, 806-941MHz	2.14	90	869.0000	42.0	42.0	CW	E	1.140	BS1	2	0.003	0.003	0.004	0.004	0.007	0.012	0.016	0.033	0.051	0.049	0.5	0.021	0.010	0.010	
Roof	HAF4036A, 806-941MHz	2.14	90	896.0125	36.0	36.0	CW	E	1.110	BS1	2	0.002	0.004	0.003	0.006	0.008	0.011	0.019	0.024	0.039	0.035	0.5	0.017	0.008	0.008	
Roof	HAF4036A, 806-941MHz	2.14	90	898.5000	36.0	36.0	CW	E	1.100	BS1	2	0.003	0.003	0.002	0.005	0.007	0.010	0.015	0.023	0.032	0.043	0.5	0.016	0.008	0.008	
Roof	HAF4036A, 806-941MHz	2.14	90	900.0000	36.0	36.0	CW	E	1.100	BS1	2	0.002	0.001	0.004	0.004	0.005	0.007	0.011	0.020	0.032	0.035	0.5	0.013	0.007	0.007	
Roof	HAF4036A, 806-941MHz	2.14	90	935.0125	36.0	36.0	CW	E	1.070	BS1	2	0.001	0.001	0.001	0.004	0.011	0.015	0.016	0.021	0.033	0.042	0.5	0.016	0.008	0.008	
Roof	HAF4036A, 806-941MHz	2.14	90	937.5000	36.0	36.0	CW	E	1.060	BS1	2	0.001	0.001	0.003	0.004	0.007	0.012	0.014	0.019	0.027	0.030	0.5	0.013	0.006	0.006	
Roof	HAF4036A, 806-941MHz	2.14	90	939.0000	36.0	36.0	CW	E	1.060	BS1	2	0.001	0.002	0.004	0.002	0.004	0.010	0.012	0.016	0.024	0.032	0.5	0.011	0.006	0.006	
Roof	HAF4036A, 806-941MHz	2.14	90	901.5000	4.0	4.0	CW	E	1.060	BS1	2	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.002	0.004	0.004	0.5	0.001	0.001	0.001	
Roof	HAF4036A, 806-941MHz	2.14	90	940.5000	4.0	4.0	CW	E	1.100	BS1	2	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.002	0.003	0.003	0.5	0.001	0.001	0.001	

MPE calculations are defined in section 15.0

Table F.1 (Continued)

APX 6500 8/900MHz - MPE measurement data for Bystander

D.U.T. Info.										Probe Info.		MPE Measurements										DUT Max. TX Factor	Avg. over Body (mW/ cm2)	Calc. P.D. (mW/ cm2)	Max Calc. P.D. (mW/ cm2)
⁽²⁾ Ant Loc.	Ant. Model/ Desc.	Ant. Gain (dBi)	Ant. Meas. Dist. (cm)	Tx Freq (MHz)	⁽³⁾ Max Pwr (W)	Initial Pwr (W)	Test Mode	E/H Field	⁽⁴⁾ Probe Cal. Factor	⁽⁵⁾ Test Pos.	⁽⁶⁾ Meas. Unit	Bystander (BS) Positions													
												20 cm	40 cm	60 cm	80 cm	100 cm	120 cm	140 cm	160 cm	180 cm	200 cm				
Roof	HAF4036A, 806-941MHz	2.14	90	806.0000	42.0	42.0	CW	E	1.200	BS2	2	0.002	0.002	0.002	0.006	0.013	0.019	0.023	0.040	0.052	0.059	0.5	0.026	0.013	0.013
Roof	HAF4036A, 806-941MHz	2.14	90	815.0000	42.0	42.0	CW	E	1.190	BS2	2	0.003	0.004	0.007	0.008	0.007	0.020	0.030	0.039	0.051	0.045	0.5	0.025	0.013	0.013
Roof	HAF4036A, 806-941MHz	2.14	90	824.0000	42.0	42.0	CW	E	1.180	BS2	2	0.002	0.003	0.004	0.008	0.012	0.017	0.026	0.031	0.041	0.055	0.5	0.023	0.012	0.012
Roof	HAF4036A, 806-941MHz	2.14	90	851.0000	42.0	42.0	CW	E	1.150	BS2	2	0.001	0.002	0.003	0.005	0.012	0.016	0.025	0.039	0.050	0.061	0.5	0.025	0.012	0.012
Roof	HAF4036A, 806-941MHz	2.14	90	860.0000	42.0	42.0	CW	E	1.140	BS2	2	0.002	0.004	0.004	0.003	0.005	0.013	0.024	0.036	0.051	0.049	0.5	0.022	0.011	0.011
Roof	HAF4036A, 806-941MHz	2.14	90	869.0000	42.0	42.0	CW	E	1.140	BS2	2	0.002	0.003	0.005	0.005	0.006	0.017	0.033	0.041	0.036	0.037	0.5	0.021	0.011	0.011
Roof	HAF4036A, 806-941MHz	2.14	90	896.0125	36.0	36.0	CW	E	1.110	BS2	2	0.001	0.002	0.001	0.004	0.006	0.010	0.015	0.021	0.025	0.039	0.5	0.014	0.007	0.007
Roof	HAF4036A, 806-941MHz	2.14	90	898.5000	36.0	36.0	CW	E	1.100	BS2	2	0.001	0.001	0.002	0.004	0.008	0.014	0.015	0.023	0.032	0.033	0.5	0.015	0.007	0.007
Roof	HAF4036A, 806-941MHz	2.14	90	900.0000	36.0	36.0	CW	E	1.100	BS2	2	0.001	0.002	0.004	0.005	0.006	0.009	0.011	0.015	0.028	0.036	0.5	0.013	0.006	0.006
Roof	HAF4036A, 806-941MHz	2.14	90	935.0125	36.0	36.0	CW	E	1.070	BS2	2	0.001	0.002	0.003	0.003	0.004	0.011	0.016	0.014	0.025	0.029	0.5	0.012	0.006	0.006
Roof	HAF4036A, 806-941MHz	2.14	90	937.5000	36.0	36.0	CW	E	1.060	BS2	2	0.001	0.002	0.004	0.004	0.006	0.011	0.016	0.016	0.022	0.031	0.5	0.012	0.006	0.006
Roof	HAF4036A, 806-941MHz	2.14	90	939.0000	36.0	36.0	CW	E	1.060	BS2	2	0.001	0.003	0.004	0.003	0.005	0.009	0.013	0.017	0.018	0.027	0.5	0.011	0.005	0.005
Roof	HAF4036A, 806-941MHz	2.14	90	901.5000	4.0	4.0	CW	E	1.060	BS2	2	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.002	0.003	0.004	0.5	0.001	0.001	0.001
Roof	HAF4036A, 806-941MHz	2.14	90	940.5000	4.0	4.0	CW	E	1.100	BS2	2	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.002	0.002	0.003	0.5	0.001	0.000	0.000
Roof	HAF4036A, 806-941MHz	2.14	90	806.0000	42.0	42.0	CW	E	1.200	BS3	2	0.007	0.005	0.006	0.007	0.011	0.013	0.016	0.022	0.032	0.046	0.5	0.020	0.010	0.010
Roof	HAF4036A, 806-941MHz	2.14	90	815.0000	42.0	42.0	CW	E	1.190	BS3	2	0.003	0.006	0.006	0.004	0.003	0.009	0.019	0.018	0.022	0.027	0.5	0.014	0.007	0.007
Roof	HAF4036A, 806-941MHz	2.14	90	824.0000	42.0	42.0	CW	E	1.180	BS3	2	0.005	0.006	0.005	0.007	0.011	0.013	0.023	0.027	0.028	0.049	0.5	0.021	0.010	0.010
Roof	HAF4036A, 806-941MHz	2.14	90	851.0000	42.0	42.0	CW	E	1.150	BS3	2	0.003	0.003	0.003	0.005	0.005	0.007	0.013	0.015	0.019	0.026	0.5	0.011	0.006	0.006
Roof	HAF4036A, 806-941MHz	2.14	90	860.0000	42.0	42.0	CW	E	1.140	BS3	2	0.004	0.005	0.004	0.003	0.003	0.010	0.014	0.017	0.028	0.029	0.5	0.013	0.007	0.007
Roof	HAF4036A, 806-941MHz	2.14	90	869.0000	42.0	42.0	CW	E	1.140	BS3	2	0.004	0.003	0.004	0.006	0.005	0.007	0.009	0.012	0.020	0.032	0.5	0.012	0.006	0.006
Roof	HAF4036A, 806-941MHz	2.14	90	896.0125	36.0	36.0	CW	E	1.110	BS3	2	0.003	0.003	0.004	0.005	0.003	0.007	0.013	0.017	0.023	0.024	0.5	0.011	0.006	0.006
Roof	HAF4036A, 806-941MHz	2.14	90	898.5000	36.0	36.0	CW	E	1.100	BS3	2	0.002	0.002	0.004	0.005	0.004	0.008	0.014	0.014	0.017	0.024	0.5	0.010	0.005	0.005
Roof	HAF4036A, 806-941MHz	2.14	90	900.0000	36.0	36.0	CW	E	1.100	BS3	2	0.002	0.003	0.003	0.004	0.005	0.009	0.015	0.017	0.017	0.024	0.5	0.011	0.005	0.005
Roof	HAF4036A, 806-941MHz	2.14	90	935.0125	36.0	36.0	CW	E	1.070	BS3	2	0.001	0.002	0.003	0.005	0.005	0.009	0.012	0.016	0.017	0.019	0.5	0.010	0.005	0.005
Roof	HAF4036A, 806-941MHz	2.14	90	937.5000	36.0	36.0	CW	E	1.060	BS3	2	0.001	0.002	0.002	0.003	0.003	0.008	0.012	0.013	0.015	0.019	0.5	0.008	0.004	0.004
Roof	HAF4036A, 806-941MHz	2.14	90	939.0000	36.0	36.0	CW	E	1.060	BS3	2	0.002	0.002	0.002	0.003	0.003	0.011	0.012	0.012	0.019	0.020	0.5	0.009	0.005	0.005
Roof	HAF4036A, 806-941MHz	2.14	90	901.5000	4.0	4.0	CW	E	1.060	BS3	2	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.002	0.002	0.002	0.5	0.001	0.000	0.000
Roof	HAF4036A, 806-941MHz	2.14	90	940.5000	4.0	4.0	CW	E	1.100	BS3	2	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.002	0.002	0.5	0.001	0.000	0.000

MPE calculations are defined in section 15.0

Table F.1 (Continued)

APX 6500 8/900MHz - MPE measurement data for Bystander

D.U.T. Info.										Probe Info.			MPE Measurements										DUT Max. TX Factor	Avg. over Body (mW/ cm2)	Calc. P.D. (mW/ cm2)	Max Calc. P.D. (mW/ cm2)
(2) Ant Loc.	Ant. Model/ Desc.	Ant. Gain (dBi)	Ant. Meas. Dist. (cm)	Tx Freq (MHz)	(3) Max Pwr (W)	Initial Pwr (W)	Test Mode	E/H Field	(4) Probe Cal. Factor	(5) Test Pos.	(6) Meas. Unit															
													Bystander (BS) Positions													
													20 cm	40 cm	60 cm	80 cm	100 cm	120 cm	140 cm	160 cm	180 cm	200 cm				
Roof	HAF4036A, 806-941MHz	2.14	90	806.0000	42.0	42.0	CW	E	1.200	BS4	2	0.003	0.003	0.004	0.009	0.010	0.009	0.012	0.026	0.039	0.037	0.5	0.018	0.009	0.009	
Roof	HAF4036A, 806-941MHz	2.14	90	815.0000	42.0	42.0	CW	E	1.190	BS4	2	0.004	0.003	0.003	0.005	0.007	0.006	0.009	0.016	0.025	0.020	0.5	0.012	0.006	0.006	
Roof	HAF4036A, 806-941MHz	2.14	90	824.0000	42.0	42.0	CW	E	1.180	BS4	2	0.002	0.003	0.004	0.006	0.006	0.006	0.009	0.012	0.024	0.025	0.5	0.011	0.006	0.006	
Roof	HAF4036A, 806-941MHz	2.14	90	851.0000	42.0	42.0	CW	E	1.150	BS4	2	0.001	0.002	0.002	0.005	0.005	0.009	0.009	0.013	0.019	0.024	0.5	0.010	0.005	0.005	
Roof	HAF4036A, 806-941MHz	2.14	90	860.0000	42.0	42.0	CW	E	1.140	BS4	2	0.002	0.002	0.002	0.002	0.003	0.003	0.011	0.024	0.021	0.016	0.5	0.010	0.005	0.005	
Roof	HAF4036A, 806-941MHz	2.14	90	869.0000	42.0	42.0	CW	E	1.140	BS4	2	0.002	0.002	0.004	0.003	0.003	0.005	0.010	0.016	0.011	0.008	0.5	0.007	0.004	0.004	
Roof	HAF4036A, 806-941MHz	2.14	90	896.0125	36.0	36.0	CW	E	1.110	BS4	2	0.001	0.002	0.004	0.005	0.006	0.006	0.004	0.008	0.013	0.015	0.5	0.007	0.004	0.004	
Roof	HAF4036A, 806-941MHz	2.14	90	898.5000	36.0	36.0	CW	E	1.100	BS4	2	0.002	0.002	0.002	0.002	0.003	0.003	0.003	0.006	0.007	0.009	0.5	0.004	0.002	0.002	
Roof	HAF4036A, 806-941MHz	2.14	90	900.0000	36.0	36.0	CW	E	1.100	BS4	2	0.002	0.002	0.001	0.001	0.002	0.003	0.004	0.008	0.008	0.006	0.5	0.004	0.002	0.002	
Roof	HAF4036A, 806-941MHz	2.14	90	935.0125	36.0	36.0	CW	E	1.070	BS4	2	0.002	0.002	0.002	0.005	0.006	0.006	0.007	0.015	0.015	0.013	0.5	0.008	0.004	0.004	
Roof	HAF4036A, 806-941MHz	2.14	90	937.5000	36.0	36.0	CW	E	1.060	BS4	2	0.001	0.001	0.002	0.005	0.004	0.002	0.004	0.010	0.010	0.008	0.5	0.005	0.002	0.002	
Roof	HAF4036A, 806-941MHz	2.14	90	939.0000	36.0	36.0	CW	E	1.060	BS4	2	0.001	0.001	0.002	0.005	0.002	0.001	0.004	0.011	0.010	0.007	0.5	0.005	0.002	0.002	
Roof	HAF4036A, 806-941MHz	2.14	90	901.5000	4.0	4.0	CW	E	1.060	BS4	2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.5	0.000	0.000	0.000	
Roof	HAF4036A, 806-941MHz	2.14	90	940.5000	4.0	4.0	CW	E	1.100	BS4	2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.5	0.000	0.000	0.000	
Roof	HAF4036A, 806-941MHz	2.14	90	806.0000	42.0	42.0	CW	E	1.200	BS5	2	0.002	0.001	0.002	0.007	0.011	0.011	0.007	0.009	0.031	0.036	0.5	0.014	0.007	0.007	
Roof	HAF4036A, 806-941MHz	2.14	90	815.0000	42.0	42.0	CW	E	1.190	BS5	2	0.002	0.002	0.002	0.003	0.014	0.016	0.008	0.009	0.031	0.045	0.5	0.016	0.008	0.008	
Roof	HAF4036A, 806-941MHz	2.14	90	824.0000	42.0	42.0	CW	E	1.180	BS5	2	0.002	0.002	0.003	0.008	0.009	0.009	0.005	0.009	0.025	0.029	0.5	0.012	0.006	0.006	
Roof	HAF4036A, 806-941MHz	2.14	90	851.0000	42.0	42.0	CW	E	1.150	BS5	2	0.001	0.003	0.003	0.004	0.004	0.004	0.005	0.006	0.034	0.024	0.5	0.010	0.005	0.005	
Roof	HAF4036A, 806-941MHz	2.14	90	860.0000	42.0	42.0	CW	E	1.140	BS5	2	0.001	0.002	0.004	0.006	0.008	0.009	0.009	0.011	0.030	0.025	0.5	0.012	0.006	0.006	
Roof	HAF4036A, 806-941MHz	2.14	90	869.0000	42.0	42.0	CW	E	1.140	BS5	2	0.001	0.001	0.003	0.006	0.006	0.005	0.002	0.010	0.024	0.026	0.5	0.010	0.005	0.005	
Roof	HAF4036A, 806-941MHz	2.14	90	896.0125	36.0	36.0	CW	E	1.110	BS5	2	0.001	0.001	0.002	0.003	0.003	0.004	0.004	0.006	0.019	0.020	0.5	0.007	0.003	0.003	
Roof	HAF4036A, 806-941MHz	2.14	90	898.5000	36.0	36.0	CW	E	1.100	BS5	2	0.000	0.001	0.002	0.004	0.005	0.004	0.004	0.006	0.013	0.016	0.5	0.006	0.003	0.003	
Roof	HAF4036A, 806-941MHz	2.14	90	900.0000	36.0	36.0	CW	E	1.100	BS5	2	0.001	0.001	0.001	0.003	0.005	0.005	0.005	0.010	0.015	0.017	0.5	0.007	0.003	0.003	
Roof	HAF4036A, 806-941MHz	2.14	90	935.0125	36.0	36.0	CW	E	1.070	BS5	2	0.000	0.001	0.002	0.002	0.004	0.005	0.008	0.007	0.016	0.018	0.5	0.007	0.003	0.003	
Roof	HAF4036A, 806-941MHz	2.14	90	937.5000	36.0	36.0	CW	E	1.060	BS5	2	0.001	0.001	0.002	0.004	0.004	0.005	0.004	0.006	0.014	0.016	0.5	0.006	0.003	0.003	
Roof	HAF4036A, 806-941MHz	2.14	90	939.0000	36.0	36.0	CW	E	1.060	BS5	2	0.000	0.001	0.004	0.004	0.003	0.005	0.005	0.006	0.011	0.014	0.5	0.006	0.003	0.003	
Roof	HAF4036A, 806-941MHz	2.14	90	901.5000	4.0	4.0	CW	E	1.060	BS5	2	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.001	0.002	0.002	0.5	0.001	0.000	0.000	
Roof	HAF4036A, 806-941MHz	2.14	90	940.5000	4.0	4.0	CW	E	1.100	BS5	2	0.000	0.000	0.000	0.001	0.000	0.000	0.001	0.000	0.001	0.001	0.5	0.000	0.000	0.000	

MPE calculations are defined in section 15.0

Table F.1 (Continued)

APX 6500 8/900MHz - MPE measurement data for Bystander

D.U.T. Info.										Probe Info.				MPE Measurements										DUT Max. TX Factor	Avg. over Body (mW/ cm2)	Calc. P.D. (mW/ cm2)	Max Calc. P.D. (mW/ cm2)
(2)Ant Loc.	Ant. Model/ Desc.	Ant. Gain (dBi)	Ant. Meas. Dist. (cm)	Tx Freq (MHz)	(3) Max Pwr (W)	Initial Pwr (W)	Test Mode	E/H Field	(4) Probe Cal. Factor	(5) Test Pos.	(6) Meas. Unit			Bystander (BS) Positions													
														20 cm	40 cm	60 cm	80 cm	100 cm	120 cm	140 cm	160 cm	180 cm	200 cm				
Roof	HAF4037A, 806-941MHz	3.00	90	806.0000	42.0	42.0	CW	E	1.200	BS1	2	0.014	0.013	0.017	0.035	0.052	0.075	0.083	0.096	0.099	0.070	0.5	0.066	0.033	0.033		
Roof	HAF4037A, 806-941MHz	3.00	90	815.0000	42.0	42.0	CW	E	1.190	BS1	2	0.008	0.016	0.017	0.013	0.024	0.043	0.060	0.091	0.095	0.065	0.5	0.051	0.026	0.026		
Roof	HAF4037A, 806-941MHz	3.00	90	824.0000	42.0	42.0	CW	E	1.180	BS1	2	0.012	0.013	0.013	0.019	0.028	0.049	0.069	0.085	0.095	0.080	0.5	0.055	0.027	0.027		
Roof	HAF4037A, 806-941MHz	3.00	90	851.0000	42.0	42.0	CW	E	1.150	BS1	2	0.008	0.011	0.010	0.014	0.018	0.032	0.055	0.075	0.099	0.075	0.5	0.046	0.023	0.023		
Roof	HAF4037A, 806-941MHz	3.00	90	860.0000	42.0	42.0	CW	E	1.140	BS1	2	0.005	0.006	0.012	0.009	0.019	0.040	0.057	0.073	0.097	0.075	0.5	0.045	0.022	0.022		
Roof	HAF4037A, 806-941MHz	3.00	90	869.0000	42.0	42.0	CW	E	1.140	BS1	2	0.007	0.008	0.008	0.013	0.026	0.043	0.060	0.048	0.098	0.059	0.5	0.042	0.021	0.021		
Roof	HAF4037A, 806-941MHz	3.00	90	896.0125	36.0	36.0	CW	E	1.110	BS1	2	0.004	0.006	0.005	0.017	0.024	0.030	0.046	0.064	0.073	0.043	0.5	0.035	0.017	0.017		
Roof	HAF4037A, 806-941MHz	3.00	90	898.5000	36.0	36.0	CW	E	1.100	BS1	2	0.006	0.005	0.005	0.012	0.022	0.030	0.042	0.052	0.063	0.049	0.5	0.031	0.016	0.016		
Roof	HAF4037A, 806-941MHz	3.00	90	900.0000	36.0	36.0	CW	E	1.100	BS1	2	0.005	0.004	0.007	0.013	0.016	0.027	0.039	0.058	0.069	0.039	0.5	0.030	0.015	0.015		
Roof	HAF4037A, 806-941MHz	3.00	90	935.0125	36.0	36.0	CW	E	1.070	BS1	2	0.006	0.004	0.003	0.012	0.030	0.044	0.053	0.060	0.075	0.069	0.5	0.038	0.019	0.019		
Roof	HAF4037A, 806-941MHz	3.00	90	937.5000	36.0	36.0	CW	E	1.060	BS1	2	0.003	0.001	0.008	0.012	0.026	0.039	0.047	0.062	0.062	0.052	0.5	0.033	0.017	0.017		
Roof	HAF4037A, 806-941MHz	3.00	90	939.0000	36.0	36.0	CW	E	1.060	BS1	2	0.002	0.003	0.011	0.010	0.019	0.032	0.042	0.049	0.057	0.048	0.5	0.029	0.014	0.014		
Roof	HAF4037A, 806-941MHz	3.00	90	901.5000	4.0	4.0	CW	E	1.060	BS1	2	0.000	0.000	0.001	0.001	0.001	0.002	0.004	0.006	0.007	0.005	0.5	0.003	0.001	0.001		
Roof	HAF4037A, 806-941MHz	3.00	90	940.5000	4.0	4.0	CW	E	1.100	BS1	2	0.000	0.000	0.000	0.001	0.002	0.003	0.005	0.007	0.008	0.005	0.5	0.003	0.002	0.002		
Roof	HAF4037A, 806-941MHz	3.00	90	806.0000	42.0	42.0	CW	E	1.200	BS2	2	0.006	0.008	0.008	0.017	0.032	0.054	0.076	0.093	0.100	0.069	0.5	0.056	0.028	0.028		
Roof	HAF4037A, 806-941MHz	3.00	90	815.0000	42.0	42.0	CW	E	1.190	BS2	2	0.006	0.008	0.015	0.017	0.023	0.055	0.068	0.070	0.076	0.053	0.5	0.047	0.023	0.023		
Roof	HAF4037A, 806-941MHz	3.00	90	824.0000	42.0	42.0	CW	E	1.180	BS2	2	0.005	0.011	0.011	0.022	0.044	0.049	0.053	0.077	0.077	0.039	0.5	0.046	0.023	0.023		
Roof	HAF4037A, 806-941MHz	3.00	90	851.0000	42.0	42.0	CW	E	1.150	BS2	2	0.005	0.008	0.012	0.012	0.022	0.047	0.070	0.103	0.105	0.070	0.5	0.052	0.026	0.026		
Roof	HAF4037A, 806-941MHz	3.00	90	860.0000	42.0	42.0	CW	E	1.140	BS2	2	0.004	0.007	0.013	0.011	0.016	0.037	0.058	0.086	0.086	0.057	0.5	0.043	0.021	0.021		
Roof	HAF4037A, 806-941MHz	3.00	90	869.0000	42.0	42.0	CW	E	1.140	BS2	2	0.005	0.008	0.014	0.015	0.021	0.049	0.074	0.099	0.081	0.077	0.5	0.051	0.025	0.025		
Roof	HAF4037A, 806-941MHz	3.00	90	896.0125	36.0	36.0	CW	E	1.110	BS2	2	0.005	0.006	0.005	0.019	0.020	0.037	0.046	0.053	0.058	0.058	0.5	0.034	0.017	0.017		
Roof	HAF4037A, 806-941MHz	3.00	90	898.5000	36.0	36.0	CW	E	1.100	BS2	2	0.005	0.006	0.010	0.018	0.026	0.041	0.048	0.068	0.066	0.052	0.5	0.037	0.019	0.019		
Roof	HAF4037A, 806-941MHz	3.00	90	900.0000	36.0	36.0	CW	E	1.100	BS2	2	0.003	0.007	0.011	0.020	0.020	0.028	0.037	0.058	0.058	0.055	0.5	0.033	0.016	0.016		
Roof	HAF4037A, 806-941MHz	3.00	90	935.0125	36.0	36.0	CW	E	1.070	BS2	2	0.002	0.008	0.008	0.008	0.020	0.047	0.050	0.057	0.065	0.056	0.5	0.034	0.017	0.017		
Roof	HAF4037A, 806-941MHz	3.00	90	937.5000	36.0	36.0	CW	E	1.060	BS2	2	0.004	0.007	0.010	0.010	0.023	0.049	0.063	0.067	0.063	0.051	0.5	0.037	0.018	0.018		
Roof	HAF4037A, 806-941MHz	3.00	90	939.0000	36.0	36.0	CW	E	1.060	BS2	2	0.004	0.009	0.011	0.011	0.015	0.032	0.051	0.060	0.063	0.058	0.5	0.033	0.017	0.017		
Roof	HAF4037A, 806-941MHz	3.00	90	901.5000	4.0	4.0	CW	E	1.060	BS2	2	0.000	0.000	0.001	0.001	0.001	0.003	0.004	0.005	0.006	0.006	0.5	0.003	0.001	0.001		
Roof	HAF4037A, 806-941MHz	3.00	90	940.5000	4.0	4.0	CW	E	1.100	BS2	2	0.000	0.001	0.001	0.001	0.002	0.004	0.006	0.007	0.008	0.007	0.5	0.004	0.002	0.002		

MPE calculations are defined in section 15.0

Table F.1 (Continued)

APX 6500 8/900MHz - MPE measurement data for Bystander

D.U.T. Info.									Probe Info.				MPE Measurements										DUT Max. TX Factor	Avg. over Body (mW/ cm2)	Calc. P.D. (mW/ cm2)	Max Calc. P.D. (mW/ cm2)	
(2) Ant Loc.	Ant. Model/ Desc.	Ant. Gain (dBi)	Ant. Meas. Dist. (cm)	Tx Freq (MHz)	(3) Max Pwr (W)	Initial Pwr (W)	Test Mode	E/H Field	(4) Probe Cal. Factor	(5) Test Pos.			(6) Meas. Unit	Bystander (BS) Positions													
														20 cm	40 cm	60 cm	80 cm	100 cm	120 cm	140 cm	160 cm	180 cm					200 cm
Roof	HAF4037A, 806-941MHz	3.00	90	806.0000	42.0	42.0	CW	E	1.200	BS3	2	0.020	0.021	0.015	0.023	0.033	0.037	0.056	0.066	0.058	0.056	0.5	0.046	0.023	0.023		
Roof	HAF4037A, 806-941MHz	3.00	90	815.0000	42.0	42.0	CW	E	1.190	BS3	2	0.011	0.017	0.024	0.017	0.016	0.021	0.047	0.044	0.042	0.034	0.5	0.032	0.016	0.016		
Roof	HAF4037A, 806-941MHz	3.00	90	824.0000	42.0	42.0	CW	E	1.180	BS3	2	0.011	0.013	0.015	0.018	0.023	0.035	0.054	0.064	0.063	0.055	0.5	0.041	0.021	0.021		
Roof	HAF4037A, 806-941MHz	3.00	90	851.0000	42.0	42.0	CW	E	1.150	BS3	2	0.013	0.007	0.006	0.012	0.011	0.015	0.032	0.036	0.032	0.042	0.5	0.024	0.012	0.012		
Roof	HAF4037A, 806-941MHz	3.00	90	860.0000	42.0	42.0	CW	E	1.140	BS3	2	0.012	0.014	0.012	0.010	0.011	0.025	0.040	0.040	0.044	0.044	0.5	0.029	0.014	0.014		
Roof	HAF4037A, 806-941MHz	3.00	90	869.0000	42.0	42.0	CW	E	1.140	BS3	2	0.013	0.012	0.014	0.017	0.013	0.018	0.030	0.030	0.043	0.056	0.5	0.028	0.014	0.014		
Roof	HAF4037A, 806-941MHz	3.00	90	896.0125	36.0	36.0	CW	E	1.110	BS3	2	0.007	0.007	0.008	0.013	0.014	0.025	0.035	0.046	0.053	0.048	0.5	0.028	0.014	0.014		
Roof	HAF4037A, 806-941MHz	3.00	90	898.5000	36.0	36.0	CW	E	1.100	BS3	2	0.009	0.007	0.009	0.012	0.018	0.026	0.043	0.039	0.044	0.043	0.5	0.028	0.014	0.014		
Roof	HAF4037A, 806-941MHz	3.00	90	900.0000	36.0	36.0	CW	E	1.100	BS3	2	0.008	0.006	0.007	0.010	0.014	0.026	0.039	0.041	0.047	0.039	0.5	0.026	0.013	0.013		
Roof	HAF4037A, 806-941MHz	3.00	90	935.0125	36.0	36.0	CW	E	1.070	BS3	2	0.006	0.009	0.013	0.016	0.017	0.031	0.036	0.050	0.054	0.053	0.5	0.030	0.015	0.015		
Roof	HAF4037A, 806-941MHz	3.00	90	937.5000	36.0	36.0	CW	E	1.060	BS3	2	0.003	0.007	0.011	0.010	0.013	0.029	0.037	0.048	0.043	0.058	0.5	0.027	0.014	0.014		
Roof	HAF4037A, 806-941MHz	3.00	90	939.0000	36.0	36.0	CW	E	1.060	BS3	2	0.005	0.007	0.009	0.010	0.010	0.030	0.048	0.047	0.052	0.045	0.5	0.028	0.014	0.014		
Roof	HAF4037A, 806-941MHz	3.00	90	901.5000	4.0	4.0	CW	E	1.060	BS3	2	0.001	0.001	0.001	0.001	0.001	0.003	0.005	0.005	0.004	0.004	0.5	0.003	0.001	0.001		
Roof	HAF4037A, 806-941MHz	3.00	90	940.5000	4.0	4.0	CW	E	1.100	BS3	2	0.001	0.001	0.001	0.001	0.002	0.004	0.005	0.005	0.006	0.005	0.5	0.003	0.002	0.002		
Roof	HAF4037A, 806-941MHz	3.00	90	806.0000	42.0	42.0	CW	E	1.200	BS4	2	0.006	0.011	0.018	0.019	0.022	0.028	0.036	0.060	0.069	0.056	0.5	0.039	0.020	0.020		
Roof	HAF4037A, 806-941MHz	3.00	90	815.0000	42.0	42.0	CW	E	1.190	BS4	2	0.010	0.010	0.010	0.018	0.016	0.015	0.014	0.035	0.047	0.028	0.5	0.024	0.012	0.012		
Roof	HAF4037A, 806-941MHz	3.00	90	824.0000	42.0	42.0	CW	E	1.180	BS4	2	0.001	0.007	0.011	0.017	0.016	0.016	0.023	0.033	0.046	0.032	0.5	0.024	0.012	0.012		
Roof	HAF4037A, 806-941MHz	3.00	90	851.0000	42.0	42.0	CW	E	1.150	BS4	2	0.005	0.005	0.008	0.015	0.022	0.025	0.031	0.043	0.049	0.033	0.5	0.027	0.014	0.014		
Roof	HAF4037A, 806-941MHz	3.00	90	860.0000	42.0	42.0	CW	E	1.140	BS4	2	0.005	0.007	0.007	0.010	0.011	0.017	0.030	0.049	0.042	0.026	0.5	0.023	0.012	0.012		
Roof	HAF4037A, 806-941MHz	3.00	90	869.0000	42.0	42.0	CW	E	1.140	BS4	2	0.004	0.008	0.010	0.010	0.009	0.011	0.016	0.029	0.027	0.020	0.5	0.016	0.008	0.008		
Roof	HAF4037A, 806-941MHz	3.00	90	896.0125	36.0	36.0	CW	E	1.110	BS4	2	0.006	0.010	0.010	0.014	0.018	0.017	0.014	0.024	0.029	0.024	0.5	0.018	0.009	0.009		
Roof	HAF4037A, 806-941MHz	3.00	90	898.5000	36.0	36.0	CW	E	1.100	BS4	2	0.005	0.006	0.007	0.012	0.012	0.010	0.012	0.018	0.018	0.012	0.5	0.012	0.006	0.006		
Roof	HAF4037A, 806-941MHz	3.00	90	900.0000	36.0	36.0	CW	E	1.100	BS4	2	0.004	0.007	0.009	0.009	0.009	0.009	0.012	0.020	0.016	0.013	0.5	0.012	0.006	0.006		
Roof	HAF4037A, 806-941MHz	3.00	90	935.0125	36.0	36.0	CW	E	1.070	BS4	2	0.005	0.009	0.005	0.004	0.021	0.022	0.019	0.038	0.037	0.034	0.5	0.021	0.010	0.010		
Roof	HAF4037A, 806-941MHz	3.00	90	937.5000	36.0	36.0	CW	E	1.060	BS4	2	0.004	0.007	0.008	0.019	0.015	0.010	0.015	0.032	0.033	0.026	0.5	0.018	0.009	0.009		
Roof	HAF4037A, 806-941MHz	3.00	90	939.0000	36.0	36.0	CW	E	1.060	BS4	2	0.004	0.006	0.011	0.016	0.011	0.009	0.023	0.032	0.036	0.026	0.5	0.018	0.009	0.009		
Roof	HAF4037A, 806-941MHz	3.00	90	901.5000	4.0	4.0	CW	E	1.060	BS4	2	0.000	0.000	0.000	0.001	0.001	0.001	0.002	0.003	0.002	0.002	0.5	0.001	0.001	0.001		
Roof	HAF4037A, 806-941MHz	3.00	90	940.5000	4.0	4.0	CW	E	1.100	BS4	2	0.000	0.000	0.001	0.001	0.001	0.001	0.003	0.004	0.004	0.002	0.5	0.002	0.001	0.001		

MPE calculations are defined in section 15.0

Table F.1 (Continued)

APX 6500 8/900MHz - MPE measurement data for Bystander

D.U.T. Info.									Probe Info.			MPE Measurements											DUT Max. TX Factor	Avg. over Body (mW/ cm2)	Calc. P.D. (mW/ cm2)	Max Calc. P.D. (mW/ cm2)
⁽²⁾ Ant Loc.	Ant. Model/ Desc.	Ant. Gain (dBi)	Ant. Meas. Dist. (cm)	Tx Freq (MHz)	⁽³⁾ Max Pwr (W)	Initial Pwr (W)	Test Mode	E/H Field	⁽⁴⁾ Probe Cal. Factor	⁽⁵⁾ Test Pos.		⁽⁶⁾ Meas. Unit	Bystander (BS) Positions													
													20 cm	40 cm	60 cm	80 cm	100 cm	120 cm	140 cm	160 cm	180 cm	200 cm				
Roof	HAF4037A, 806-941MHz	3.00	90	806.0000	42.0	42.0	CW	E	1.200	BS5	2	0.005	0.007	0.011	0.026	0.041	0.033	0.025	0.039	0.066	0.059	0.5	0.037	0.019	0.019	
Roof	HAF4037A, 806-941MHz	3.00	90	815.0000	42.0	42.0	CW	E	1.190	BS5	2	0.004	0.007	0.012	0.026	0.033	0.026	0.018	0.019	0.055	0.074	0.5	0.033	0.016	0.016	
Roof	HAF4037A, 806-941MHz	3.00	90	824.0000	42.0	42.0	CW	E	1.180	BS5	2	0.003	0.008	0.011	0.026	0.035	0.024	0.016	0.024	0.058	0.056	0.5	0.031	0.015	0.015	
Roof	HAF4037A, 806-941MHz	3.00	90	851.0000	42.0	42.0	CW	E	1.150	BS5	2	0.002	0.008	0.008	0.017	0.021	0.019	0.018	0.028	0.076	0.054	0.5	0.029	0.014	0.014	
Roof	HAF4037A, 806-941MHz	3.00	90	860.0000	42.0	42.0	CW	E	1.140	BS5	2	0.002	0.004	0.013	0.019	0.014	0.012	0.020	0.033	0.046	0.027	0.5	0.022	0.011	0.011	
Roof	HAF4037A, 806-941MHz	3.00	90	869.0000	42.0	42.0	CW	E	1.140	BS5	2	0.001	0.004	0.012	0.023	0.025	0.025	0.025	0.035	0.069	0.048	0.5	0.030	0.015	0.015	
Roof	HAF4037A, 806-941MHz	3.00	90	896.0125	36.0	36.0	CW	E	1.110	BS5	2	0.002	0.006	0.007	0.010	0.012	0.010	0.009	0.021	0.038	0.042	0.5	0.017	0.009	0.009	
Roof	HAF4037A, 806-941MHz	3.00	90	898.5000	36.0	36.0	CW	E	1.100	BS5	2	0.001	0.004	0.007	0.010	0.015	0.014	0.011	0.021	0.036	0.031	0.5	0.017	0.008	0.008	
Roof	HAF4037A, 806-941MHz	3.00	90	900.0000	36.0	36.0	CW	E	1.100	BS5	2	0.002	0.003	0.007	0.008	0.013	0.014	0.015	0.024	0.037	0.030	0.5	0.017	0.008	0.008	
Roof	HAF4037A, 806-941MHz	3.00	90	935.0125	36.0	36.0	CW	E	1.070	BS5	2	0.001	0.003	0.006	0.009	0.009	0.014	0.019	0.034	0.059	0.042	0.5	0.021	0.010	0.010	
Roof	HAF4037A, 806-941MHz	3.00	90	937.5000	36.0	36.0	CW	E	1.060	BS5	2	0.002	0.004	0.006	0.012	0.013	0.016	0.020	0.033	0.054	0.053	0.5	0.023	0.011	0.011	
Roof	HAF4037A, 806-941MHz	3.00	90	939.0000	36.0	36.0	CW	E	1.060	BS5	2	0.002	0.003	0.006	0.017	0.016	0.021	0.022	0.036	0.050	0.068	0.5	0.026	0.013	0.013	
Roof	HAF4037A, 806-941MHz	3.00	90	901.5000	4.0	4.0	CW	E	1.060	BS5	2	0.000	0.000	0.001	0.001	0.002	0.001	0.001	0.003	0.004	0.002	0.5	0.002	0.001	0.001	
Roof	HAF4037A, 806-941MHz	3.00	90	940.5000	4.0	4.0	CW	E	1.100	BS5	2	0.000	0.000	0.001	0.001	0.002	0.002	0.002	0.003	0.005	0.002	0.5	0.002	0.001	0.001	

MPE calculations are defined in section 15.0

Table F.2
APX 6500 8/900MHz - MPE measurement data for Passenger

D.U.T. Info.								Probe Info.			⁽⁶⁾ Meas. Unit				DUT Max. TX Factor	Avg. over Body (mW/cm2)	Calc. P.D. (mW/cm2)	Max Calc. P.D. (mW/cm2)	
⁽²⁾ Ant Loc.	Ant. Model/ Desc.	Ant. Gain (dBi)	Ant. Meas. Dist. (cm)	Tx Freq (MHz)	⁽³⁾ Max Pwr (W)	Initial Pwr (W)	Test Mode	E/H Field	⁽⁴⁾ Probe Cal. Factor		⁽⁵⁾ Test Pos.	MPE Measurements							
													Head/ Top 1/3	Chest/ Middle 1/3					Lower Trunk/ Bottom 1/3
Roof	HAF4013A, 806-941MHz	5.15	60	806.0000	42.0	42.0	CW	E	1.200	PB	2	0.026	0.022	0.027	0.5	0.030	0.015	0.015	
Roof	HAF4013A, 806-941MHz	5.15	60	815.0000	42.0	42.0	CW	E	1.190	PB	2	0.015	0.014	0.024	0.5	0.021	0.011	0.011	
Roof	HAF4013A, 806-941MHz	5.15	60	824.0000	42.0	42.0	CW	E	1.180	PB	2	0.009	0.006	0.008	0.5	0.009	0.005	0.005	
Roof	HAF4013A, 806-941MHz	5.15	60	851.0000	42.0	42.0	CW	E	1.150	PB	2	0.012	0.008	0.013	0.5	0.013	0.006	0.006	
Roof	HAF4013A, 806-941MHz	5.15	60	860.0000	42.0	42.0	CW	E	1.140	PB	2	0.026	0.007	0.015	0.5	0.018	0.009	0.009	
Roof	HAF4013A, 806-941MHz	5.15	60	869.0000	42.0	42.0	CW	E	1.140	PB	2	0.021	0.005	0.011	0.5	0.014	0.007	0.007	
Roof	HAF4013A, 806-941MHz	5.15	60	896.0000	36.0	36.0	CW	E	1.110	PB	2	0.020	0.011	0.011	0.5	0.016	0.008	0.008	
Roof	HAF4013A, 806-941MHz	5.15	60	898.5000	36.0	36.0	CW	E	1.100	PB	2	0.016	0.012	0.007	0.5	0.013	0.006	0.006	
Roof	HAF4013A, 806-941MHz	5.15	60	900.0000	36.0	36.0	CW	E	1.100	PB	2	0.017	0.008	0.012	0.5	0.014	0.007	0.007	
Roof	HAF4013A, 806-941MHz	5.15	60	935.0000	36.0	36.0	CW	E	1.070	PB	2	0.005	0.006	0.013	0.5	0.009	0.004	0.004	
Roof	HAF4013A, 806-941MHz	5.15	60	937.5000	36.0	36.0	CW	E	1.060	PB	2	0.004	0.004	0.012	0.5	0.007	0.004	0.004	
Roof	HAF4013A, 806-941MHz	5.15	60	939.0000	36.0	36.0	CW	E	1.060	PB	2	0.004	0.005	0.010	0.5	0.007	0.003	0.003	
Roof	HAF4013A, 806-941MHz	5.15	20	901.5000	4.0	4.0	CW	E	1.060	PB	2	0.002	0.001	0.001	0.5	0.001	0.001	0.001	
Roof	HAF4013A, 806-941MHz	5.15	20	940.5000	4.0	4.0	CW	E	1.100	PB	2	0.001	0.001	0.001	0.5	0.001	0.001	0.001	

MPE calculations are defined in section 15.0

Table F.2 (Continued)**APX 6500 8/900MHz - MPE measurement data for Passenger**

D.U.T. Info.								Probe Info.			⁽⁶⁾ Meas. Unit				DUT Max. TX Factor	Avg. over Body (mW/cm2)	Calc. P.D. (mW/cm2)	Max Calc. P.D. (mW/cm2)	
⁽²⁾ Ant Loc.	Ant. Model/ Desc.	Ant. Gain (dBi)	Ant. Meas. Dist. (cm)	Tx Freq (MHz)	⁽³⁾ Max Pwr (W)	Initial Pwr (W)	Test Mode	E/H Field	⁽⁴⁾ Probe Cal. Factor		⁽⁵⁾ Test Pos.	MPE Measurements							
													Head/ Top 1/3	Chest/ Middle 1/3					Lower Trunk/ Bottom 1/3
Roof	HAF4036A, 806-941MHz	2.14	60	806.0000	42.0	42.0	CW	E	1.200	PB	2	0.027	0.022	0.026	0.5	0.030	0.015	0.015	
Roof	HAF4036A, 806-941MHz	2.14	60	815.0000	42.0	42.0	CW	E	1.190	PB	2	0.023	0.014	0.040	0.5	0.031	0.015	0.015	
Roof	HAF4036A, 806-941MHz	2.14	60	824.0000	42.0	42.0	CW	E	1.180	PB	2	0.012	0.007	0.030	0.5	0.019	0.010	0.010	
Roof	HAF4036A, 806-941MHz	2.14	60	851.0000	42.0	42.0	CW	E	1.150	PB	2	0.015	0.009	0.014	0.5	0.015	0.007	0.007	
Roof	HAF4036A, 806-941MHz	2.14	60	860.0000	42.0	42.0	CW	E	1.140	PB	2	0.023	0.014	0.015	0.5	0.020	0.010	0.010	
Roof	HAF4036A, 806-941MHz	2.14	60	869.0000	42.0	42.0	CW	E	1.140	PB	2	0.018	0.014	0.014	0.5	0.017	0.009	0.009	
Roof	HAF4036A, 806-941MHz	2.14	60	896.0000	36.0	36.0	CW	E	1.110	PB	2	0.018	0.011	0.014	0.5	0.016	0.008	0.008	
Roof	HAF4036A, 806-941MHz	2.14	60	898.5000	36.0	36.0	CW	E	1.100	PB	2	0.018	0.011	0.011	0.5	0.015	0.007	0.007	
Roof	HAF4036A, 806-941MHz	2.14	60	900.0000	36.0	36.0	CW	E	1.100	PB	2	0.018	0.012	0.014	0.5	0.016	0.008	0.008	
Roof	HAF4036A, 806-941MHz	2.14	60	935.0000	36.0	36.0	CW	E	1.070	PB	2	0.006	0.006	0.021	0.5	0.012	0.006	0.006	
Roof	HAF4036A, 806-941MHz	2.14	60	937.5000	36.0	36.0	CW	E	1.060	PB	2	0.004	0.003	0.013	0.5	0.007	0.004	0.004	
Roof	HAF4036A, 806-941MHz	2.14	60	939.0000	36.0	36.0	CW	E	1.060	PB	2	0.003	0.003	0.010	0.5	0.006	0.003	0.003	
Roof	HAF4036A, 806-941MHz	2.14	20	901.5000	4.0	4.0	CW	E	1.060	PB	2	0.001	0.001	0.001	0.5	0.001	0.001	0.001	
Roof	HAF4036A, 806-941MHz	2.14	20	940.5000	4.0	4.0	CW	E	1.100	PB	2	0.001	0.001	0.001	0.5	0.001	0.001	0.001	

MPE calculations are defined in section 15.0

Table F.2 (Continued)**APX 6500 8/900MHz - MPE measurement data for Passenger**

D.U.T. Info.								Probe Info.			⁽⁶⁾ Meas. Unit				DUT Max. TX Factor	Avg. over Body (mW/ cm2)	Calc. P.D. (mW/ cm2)	Max Calc. P.D. (mW/ cm2)	
⁽²⁾ Ant Loc.	Ant. Model/ Desc.	Ant. Gain (dBi)	Ant. Meas. Dist. (cm)	Tx Freq (MHz)	⁽³⁾ Max Pwr (W)	Initial Pwr (W)	Test Mode	E/H Field	⁽⁴⁾ Probe Cal. Factor		⁽⁵⁾ Test Pos.	MPE Measur ements							
													Head/ Top 1/3	Chest/ Middle 1/3					Lower Trunk/ Bottom 1/3
Roof	HAF4037A, 806-941MHz	3.00	60	806.0000	42.0	42.0	CW	E	1.200	PB	2	0.065	0.049	0.059	0.5	0.069	0.035	0.035	
Roof	HAF4037A, 806-941MHz	3.00	60	815.0000	42.0	42.0	CW	E	1.190	PB	2	0.051	0.041	0.035	0.5	0.050	0.025	0.025	
Roof	HAF4037A, 806-941MHz	3.00	60	824.0000	42.0	42.0	CW	E	1.180	PB	2	0.026	0.030	0.031	0.5	0.034	0.017	0.017	
Roof	HAF4037A, 806-941MHz	3.00	60	851.0000	42.0	42.0	CW	E	1.150	PB	2	0.041	0.022	0.031	0.5	0.036	0.018	0.018	
Roof	HAF4037A, 806-941MHz	3.00	60	860.0000	42.0	42.0	CW	E	1.140	PB	2	0.049	0.020	0.039	0.5	0.041	0.021	0.021	
Roof	HAF4037A, 806-941MHz	3.00	60	869.0000	42.0	42.0	CW	E	1.140	PB	2	0.068	0.038	0.036	0.5	0.054	0.027	0.027	
Roof	HAF4037A, 806-941MHz	3.00	60	896.0000	36.0	36.0	CW	E	1.110	PB	2	0.047	0.024	0.020	0.5	0.034	0.017	0.017	
Roof	HAF4037A, 806-941MHz	3.00	60	898.5000	36.0	36.0	CW	E	1.100	PB	2	0.041	0.024	0.029	0.5	0.034	0.017	0.017	
Roof	HAF4037A, 806-941MHz	3.00	60	900.0000	36.0	36.0	CW	E	1.100	PB	2	0.042	0.027	0.030	0.5	0.036	0.018	0.018	
Roof	HAF4037A, 806-941MHz	3.00	60	935.0000	36.0	36.0	CW	E	1.070	PB	2	0.017	0.023	0.058	0.5	0.035	0.017	0.017	
Roof	HAF4037A, 806-941MHz	3.00	60	937.5000	36.0	36.0	CW	E	1.060	PB	2	0.015	0.024	0.025	0.5	0.023	0.011	0.011	
Roof	HAF4037A, 806-941MHz	3.00	60	939.0000	36.0	36.0	CW	E	1.060	PB	2	0.012	0.009	0.028	0.5	0.017	0.009	0.009	
Roof	HAF4037A, 806-941MHz	3.00	20	901.5000	4.0	4.0	CW	E	1.060	PB	2	0.004	0.001	0.002	0.5	0.002	0.001	0.001	
Roof	HAF4037A, 806-941MHz	3.00	20	940.5000	4.0	4.0	CW	E	1.100	PB	2	0.001	0.002	0.003	0.5	0.002	0.001	0.001	

MPE calculations are defined in section 15.0

Table F.2 (Continued)**APX 6500 8/900MHz - MPE measurement data for Passenger**

D.U.T. Info.								Probe Info.			⁽⁶⁾ Meas. Unit				DUT Max. TX Factor	Avg. over Body (mW/cm2)	Calc. P.D. (mW/cm2)	Max Calc. P.D. (mW/cm2)	
⁽²⁾ Ant Loc.	Ant. Model/ Desc.	Ant. Gain (dBi)	Ant. Meas. Dist. (cm)	Tx Freq (MHz)	⁽³⁾ Max Pwr (W)	Initial Pwr (W)	Test Mode	E/H Field	⁽⁴⁾ Probe Cal. Factor		⁽⁵⁾ Test Pos.	MPE Measurements							
													Head/ Top 1/3	Chest/ Middle 1/3					Lower Trunk/ Bottom 1/3
Roof	HAF4013A, 806-941MHz	5.15	60	806.0000	42.0	42.0	CW	E	1.200	PF	2	0.021	0.013	0.020	0.5	0.022	0.011	0.011	
Roof	HAF4013A, 806-941MHz	5.15	60	815.0000	42.0	42.0	CW	E	1.190	PF	2	0.006	0.010	0.016	0.5	0.013	0.006	0.006	
Roof	HAF4013A, 806-941MHz	5.15	60	824.0000	42.0	42.0	CW	E	1.180	PF	2	0.013	0.005	0.013	0.5	0.012	0.006	0.006	
Roof	HAF4013A, 806-941MHz	5.15	60	851.0000	42.0	42.0	CW	E	1.150	PF	2	0.009	0.008	0.006	0.5	0.009	0.004	0.004	
Roof	HAF4013A, 806-941MHz	5.15	60	860.0000	42.0	42.0	CW	E	1.140	PF	2	0.004	0.008	0.008	0.5	0.008	0.004	0.004	
Roof	HAF4013A, 806-941MHz	5.15	60	869.0000	42.0	42.0	CW	E	1.140	PF	2	0.004	0.004	0.013	0.5	0.008	0.004	0.004	
Roof	HAF4013A, 806-941MHz	5.15	60	896.0000	36.0	36.0	CW	E	1.110	PF	2	0.010	0.008	0.021	0.5	0.014	0.007	0.007	
Roof	HAF4013A, 806-941MHz	5.15	60	898.5000	36.0	36.0	CW	E	1.100	PF	2	0.003	0.005	0.015	0.5	0.008	0.004	0.004	
Roof	HAF4013A, 806-941MHz	5.15	60	900.0000	36.0	36.0	CW	E	1.100	PF	2	0.006	0.006	0.018	0.5	0.011	0.006	0.006	
Roof	HAF4013A, 806-941MHz	5.15	60	935.0000	36.0	36.0	CW	E	1.070	PF	2	0.007	0.011	0.004	0.5	0.008	0.004	0.004	
Roof	HAF4013A, 806-941MHz	5.15	60	937.5000	36.0	36.0	CW	E	1.060	PF	2	0.004	0.005	0.005	0.5	0.005	0.002	0.002	
Roof	HAF4013A, 806-941MHz	5.15	60	939.0000	36.0	36.0	CW	E	1.060	PF	2	0.004	0.005	0.006	0.5	0.005	0.003	0.003	
Roof	HAF4013A, 806-941MHz	5.15	20	901.5000	4.0	4.0	CW	E	1.060	PF	2	0.000	0.001	0.001	0.5	0.001	0.000	0.000	
Roof	HAF4013A, 806-941MHz	5.15	20	940.5000	4.0	4.0	CW	E	1.100	PF	2	0.001	0.000	0.000	0.5	0.000	0.000	0.000	

MPE calculations are defined in section 15.0

Table F.2 (Continued)
APX 6500 8/900MHz - MPE measurement data for Passenger

D.U.T. Info.								Probe Info.			⁽⁶⁾ Meas. Unit				DUT Max. TX Factor	Avg. over Body (mW/ cm2)	Calc. P.D. (mW/ cm2)	Max Calc. P.D. (mW/ cm2)	
⁽²⁾ Ant Loc.	Ant. Model/ Desc.	Ant. Gain (dBi)	Ant. Meas. Dist. (cm)	Tx Freq (MHz)	⁽³⁾ Max Pwr (W)	Initial Pwr (W)	Test Mode	E/H Field	⁽⁴⁾ Probe Cal. Factor		⁽⁵⁾ Test Pos.	MPE Measur ements							
													Head/ Top 1/3	Chest/ Middle 1/3					Lower Trunk/ Bottom 1/3
Roof	HAF4036A, 806-941MHz	2.14	60	806.0000	42.0	42.0	CW	E	1.200	PF	2	0.025	0.014	0.029	0.5	0.027	0.014	0.014	
Roof	HAF4036A, 806-941MHz	2.14	60	815.0000	42.0	42.0	CW	E	1.190	PF	2	0.008	0.014	0.017	0.5	0.015	0.008	0.008	
Roof	HAF4036A, 806-941MHz	2.14	60	824.0000	42.0	42.0	CW	E	1.180	PF	2	0.011	0.006	0.013	0.5	0.012	0.006	0.006	
Roof	HAF4036A, 806-941MHz	2.14	60	851.0000	42.0	42.0	CW	E	1.150	PF	2	0.004	0.006	0.006	0.5	0.006	0.003	0.003	
Roof	HAF4036A, 806-941MHz	2.14	60	860.0000	42.0	42.0	CW	E	1.140	PF	2	0.014	0.005	0.006	0.5	0.010	0.005	0.005	
Roof	HAF4036A, 806-941MHz	2.14	60	869.0000	42.0	42.0	CW	E	1.140	PF	2	0.004	0.004	0.008	0.5	0.006	0.003	0.003	
Roof	HAF4036A, 806-941MHz	2.14	60	896.0000	36.0	36.0	CW	E	1.110	PF	2	0.004	0.010	0.022	0.5	0.013	0.007	0.007	
Roof	HAF4036A, 806-941MHz	2.14	60	898.5000	36.0	36.0	CW	E	1.100	PF	2	0.004	0.009	0.005	0.5	0.007	0.003	0.003	
Roof	HAF4036A, 806-941MHz	2.14	60	900.0000	36.0	36.0	CW	E	1.100	PF	2	0.002	0.007	0.014	0.5	0.008	0.004	0.004	
Roof	HAF4036A, 806-941MHz	2.14	60	935.0000	36.0	36.0	CW	E	1.070	PF	2	0.004	0.005	0.004	0.5	0.005	0.002	0.002	
Roof	HAF4036A, 806-941MHz	2.14	60	937.5000	36.0	36.0	CW	E	1.060	PF	2	0.007	0.011	0.003	0.5	0.007	0.004	0.004	
Roof	HAF4036A, 806-941MHz	2.14	60	939.0000	36.0	36.0	CW	E	1.060	PF	2	0.003	0.004	0.003	0.5	0.004	0.002	0.002	
Roof	HAF4036A, 806-941MHz	2.14	20	901.5000	4.0	4.0	CW	E	1.060	PF	2	0.000	0.000	0.001	0.5	0.000	0.000	0.000	
Roof	HAF4036A, 806-941MHz	2.14	20	940.5000	4.0	4.0	CW	E	1.100	PF	2	0.000	0.000	0.001	0.5	0.000	0.000	0.000	

MPE calculations are defined in section 15.0

Table F.2 (Continued)
APX 6500 8/900MHz - MPE measurement data for Passenger

D.U.T. Info.								Probe Info.			⁽⁶⁾ Meas. Unit				DUT Max. TX Factor	Avg. over Body (mW/ cm2)	Calc. P.D. (mW/ cm2)	Max Calc. P.D. (mW/ cm2)	
⁽²⁾ Ant Loc.	Ant. Model/ Desc.	Ant. Gain (dBi)	Ant. Meas. Dist. (cm)	Tx Freq (MHz)	⁽³⁾ Max Pwr (W)	Initial Pwr (W)	Test Mode	E/H Field	⁽⁴⁾ Probe Cal. Factor		⁽⁵⁾ Test Pos.	MPE Measur ements							
													Head/ Top 1/3	Chest/ Middle 1/3					Lower Trunk/ Bottom 1/3
Roof	HAF4037A, 806-941MHz	3.00	60	806.0000	42.0	42.0	CW	E	1.200	PF	2	0.038	0.027	0.059	0.5	0.050	0.025	0.025	
Roof	HAF4037A, 806-941MHz	3.00	60	815.0000	42.0	42.0	CW	E	1.190	PF	2	0.039	0.035	0.034	0.5	0.043	0.021	0.021	
Roof	HAF4037A, 806-941MHz	3.00	60	824.0000	42.0	42.0	CW	E	1.180	PF	2	0.027	0.020	0.020	0.5	0.026	0.013	0.013	
Roof	HAF4037A, 806-941MHz	3.00	60	851.0000	42.0	42.0	CW	E	1.150	PF	2	0.022	0.014	0.022	0.5	0.022	0.011	0.011	
Roof	HAF4037A, 806-941MHz	3.00	60	860.0000	42.0	42.0	CW	E	1.140	PF	2	0.052	0.022	0.017	0.5	0.035	0.017	0.017	
Roof	HAF4037A, 806-941MHz	3.00	60	869.0000	42.0	42.0	CW	E	1.140	PF	2	0.015	0.019	0.033	0.5	0.025	0.013	0.013	
Roof	HAF4037A, 806-941MHz	3.00	60	896.0000	36.0	36.0	CW	E	1.110	PF	2	0.026	0.016	0.040	0.5	0.030	0.015	0.015	
Roof	HAF4037A, 806-941MHz	3.00	60	898.5000	36.0	36.0	CW	E	1.100	PF	2	0.019	0.016	0.034	0.5	0.025	0.013	0.013	
Roof	HAF4037A, 806-941MHz	3.00	60	900.0000	36.0	36.0	CW	E	1.100	PF	2	0.011	0.024	0.028	0.5	0.023	0.012	0.012	
Roof	HAF4037A, 806-941MHz	3.00	60	935.0000	36.0	36.0	CW	E	1.070	PF	2	0.021	0.026	0.015	0.5	0.022	0.011	0.011	
Roof	HAF4037A, 806-941MHz	3.00	60	937.5000	36.0	36.0	CW	E	1.060	PF	2	0.016	0.020	0.010	0.5	0.016	0.008	0.008	
Roof	HAF4037A, 806-941MHz	3.00	60	939.0000	36.0	36.0	CW	E	1.060	PF	2	0.026	0.020	0.013	0.5	0.021	0.010	0.010	
Roof	HAF4037A, 806-941MHz	3.00	20	901.5000	4.0	4.0	CW	E	1.060	PF	2	0.001	0.002	0.002	0.5	0.002	0.001	0.001	
Roof	HAF4037A, 806-941MHz	3.00	20	940.5000	4.0	4.0	CW	E	1.100	PF	2	0.002	0.001	0.001	0.5	0.001	0.001	0.001	

MPE calculations are defined in section 15.0

Appendix G – MPE Test Results Summary for Companion Device (DVR UHF)

Table G.1**DVR UHF - MPE measurement data for Bystander**

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurements										DUT Max. TX Factor	Avg. over Body (mW/ cm2)	Calc. P.D. (mW/ cm2)	Max Calc. P.D. (mW/ cm2)
Ant Loc.	Ant. Model/ Desc.	Ant. Gain (dBi)	Tx Freq (MHz)	Max Pwr (W)	Initial Pwr (W)	Test Mode	E/H Field	Probe Cal. Factor		Bystander (BS) Positions													
										20 cm	40 cm	60 cm	80 cm	100 cm	120 cm	140 cm	160 cm	180 cm	200 cm				
Trunk	HAE6012A, 1/4 Wave (380-433MHz)	2.15	406.5000	10.00	9.68	CW	E	0.99	BS1	0.001	0.001	0.002	0.003	0.007	0.007	0.007	0.008	0.007	0.008	1.0	0.005	0.005	0.005
Trunk	HAE6012A, 1/4 Wave (380-433MHz)	2.15	417.5000	10.00	9.90	CW	E	0.99	BS1	0.002	0.003	0.002	0.003	0.005	0.006	0.007	0.009	0.011	0.011	1.0	0.006	0.006	0.006
Trunk	HAE6012A, 1/4 Wave (380-433MHz)	2.15	429.9875	10.00	9.60	CW	E	1.00	BS1	0.002	0.004	0.003	0.003	0.005	0.008	0.010	0.011	0.011	0.013	1.0	0.007	0.007	0.007
Trunk	HAE6012A, 1/4 Wave (380-433MHz)	2.15	406.5000	10.00	9.68	CW	E	0.99	BS2	0.002	0.003	0.009	0.012	0.012	0.013	0.019	0.029	0.027	0.027	1.0	0.015	0.02	0.016
Trunk	HAE6012A, 1/4 Wave (380-433MHz)	2.15	417.5000	10.00	9.90	CW	E	0.99	BS2	0.001	0.002	0.006	0.008	0.015	0.022	0.024	0.026	0.022	0.023	1.0	0.015	0.01	0.015
Trunk	HAE6012A, 1/4 Wave (380-433MHz)	2.15	429.9875	10.00	9.60	CW	E	1.00	BS2	0.002	0.005	0.008	0.009	0.010	0.017	0.022	0.023	0.025	0.022	1.0	0.014	0.01	0.015
Trunk	HAE6012A, 1/4 Wave (380-433MHz)	2.15	406.5000	10.00	9.68	CW	E	0.99	BS3	0.007	0.007	0.009	0.014	0.015	0.022	0.030	0.033	0.035	0.037	1.0	0.021	0.02	0.021
Trunk	HAE6012A, 1/4 Wave (380-433MHz)	2.15	417.5000	10.00	9.90	CW	E	0.99	BS3	0.005	0.006	0.007	0.014	0.018	0.022	0.030	0.034	0.037	0.034	1.0	0.021	0.02	0.021
Trunk	HAE6012A, 1/4 Wave (380-433MHz)	2.15	429.9875	10.00	9.60	CW	E	1.00	BS3	0.008	0.009	0.010	0.015	0.021	0.033	0.036	0.035	0.036	0.045	1.0	0.025	0.02	0.026
Trunk	HAE6012A, 1/4 Wave (380-433MHz)	2.15	406.5000	10.00	9.68	CW	E	0.99	BS4	0.012	0.015	0.019	0.030	0.041	0.047	0.060	0.059	0.065	0.054	1.0	0.040	0.040	0.041
Trunk	HAE6012A, 1/4 Wave (380-433MHz)	2.15	417.5000	10.00	9.90	CW	E	0.99	BS4	0.011	0.014	0.020	0.031	0.041	0.058	0.063	0.059	0.046	0.048	1.0	0.039	0.04	0.039
Trunk	HAE6012A, 1/4 Wave (380-433MHz)	2.15	429.9875	10.00	9.60	CW	E	1.00	BS4	0.012	0.015	0.019	0.026	0.035	0.041	0.045	0.050	0.052	0.045	1.0	0.034	0.03	0.035

MPE calculations are defined in section 15.0.

Table G.1 (Continued)
DVR UHF - MPE measurement data for Bystander

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurements										DUT Max. TX Factor	Avg. over Body (mW/ cm2)	Calc. P.D. (mW/ cm2)	Max Calc. P.D. (mW/ cm2)
Ant Loc.	Ant. Model/ Desc.	Ant. Gain (dBi)	Tx Freq (MHz)	Max Pwr (W)	Initial Pwr (W)	Test Mode	E/H Field	Probe Cal. Factor		Bystander (BS) Positions													
										20 cm	40 cm	60 cm	80 cm	100 cm	120 cm	140 cm	160 cm	180 cm	200 cm				
Trunk	HAE6012A, 1/4 Wave (380-433MHz)	2.15	406.5000	10.00	9.68	CW	E	0.99	BS5	0.022	0.022	0.022	0.023	0.026	0.033	0.050	0.060	0.051	0.041	1.0	0.035	0.03	0.036
Trunk	HAE6012A, 1/4 Wave (380-433MHz)	2.15	417.5000	10.00	9.90	CW	E	0.99	BS5	0.014	0.016	0.017	0.017	0.021	0.023	0.033	0.033	0.039	0.046	1.0	0.026	0.03	0.026
Trunk	HAE6012A, 1/4 Wave (380-433MHz)	2.15	429.9875	10.00	9.60	CW	E	1.00	BS5	0.016	0.014	0.014	0.014	0.017	0.025	0.027	0.032	0.029	0.036	1.0	0.022	0.02	0.023
Trunk	HAE4003A, 1/4 Wave (450-470MHz)	2.15	450.0000	10.00	9.96	CW	E	1.02	BS1	0.002	0.004	0.004	0.006	0.008	0.011	0.012	0.016	0.014	0.016	1.0	0.009	0.01	0.010
Trunk	HAE4003A, 1/4 Wave (450-470MHz)	2.15	460.0000	10.00	9.90	CW	E	1.03	BS1	0.001	0.003	0.003	0.004	0.007	0.01	0.012	0.011	0.011	0.01	1.0	0.007	0.01	0.007
Trunk	HAE4003A, 1/4 Wave (450-470MHz)	2.15	470.0000	10.00	10.00	CW	E	1.04	BS1	0.002	0.002	0.002	0.002	0.004	0.007	0.008	0.01	0.006	0.009	1.0	0.005	0.01	0.005
Trunk	HAE4003A, 1/4 Wave (450-470MHz)	2.15	450.0000	10.00	9.96	CW	E	1.02	BS2	0.002	0.005	0.006	0.006	0.009	0.013	0.018	0.021	0.022	0.023	1.0	0.013	0.01	0.013
Trunk	HAE4003A, 1/4 Wave (450-470MHz)	2.15	460.0000	10.00	9.90	CW	E	1.03	BS2	0.002	0.003	0.005	0.005	0.01	0.015	0.021	0.022	0.024	0.027	1.0	0.013	0.01	0.014
Trunk	HAE4003A, 1/4 Wave (450-470MHz)	2.15	470.0000	10.00	10.00	CW	E	1.04	BS2	0.002	0.003	0.003	0.004	0.009	0.015	0.019	0.018	0.02	0.027	1.0	0.012	0.01	0.012
Trunk	HAE4003A, 1/4 Wave (450-470MHz)	2.15	450.0000	10.00	9.96	CW	E	1.02	BS3	0.009	0.01	0.014	0.022	0.027	0.035	0.037	0.039	0.04	0.038	1.0	0.027	0.03	0.028
Trunk	HAE4003A, 1/4 Wave (450-470MHz)	2.15	460.0000	10.00	9.90	CW	E	1.03	BS3	0.009	0.009	0.013	0.018	0.024	0.032	0.033	0.033	0.044	0.038	1.0	0.025	0.03	0.026
Trunk	HAE4003A, 1/4 Wave (450-470MHz)	2.15	470.0000	10.00	10.00	CW	E	1.04	BS3	0.007	0.007	0.012	0.017	0.022	0.035	0.045	0.047	0.04	0.028	1.0	0.026	0.03	0.027

MPE calculations are defined in section 15.0.

Table G.1 (Continued)
DVR UHF - MPE measurement data for Bystander

D.U.T. Info.							Probe Info.			MPE Measurements										DUT Max. TX Factor	Avg. over Body (mW/ cm2)	Calc. P.D. (mW/ cm2)	Max Calc. P.D. (mW/ cm2)	
Ant Loc.	Ant. Model/ Desc.	Ant. Gain (dBi)	Tx Freq (MHz)	Max Pwr (W)	Initial Pwr (W)	Test Mode	E/H Field	Probe Cal. Factor		Test Pos.	Bystander (BS) Positions													
											20 cm	40 cm	60 cm	80 cm	100 cm	120 cm	140 cm	160 cm	180 cm					200 cm
Trunk	HAE4003A, 1/4 Wave (450-470MHz)	2.15	450.0000	10.00	9.96	CW	E	1.02	BS4	0.014	0.017	0.023	0.031	0.04	0.047	0.053	0.073	0.078	0.061	1.0	0.044	0.045	0.045	
Trunk	HAE4003A, 1/4 Wave (450-470MHz)	2.15	460.0000	10.00	9.90	CW	E	1.03	BS4	0.01	0.013	0.015	0.021	0.025	0.035	0.05	0.062	0.062	0.057	1.0	0.035	0.04	0.036	
Trunk	HAE4003A, 1/4 Wave (450-470MHz)	2.15	470.0000	10.00	10.00	CW	E	1.04	BS4	0.013	0.015	0.02	0.027	0.027	0.036	0.047	0.064	0.059	0.059	1.0	0.037	0.04	0.038	
Trunk	HAE4003A, 1/4 Wave (450-470MHz)	2.15	450.0000	10.00	9.96	CW	E	1.02	BS5	0.015	0.012	0.012	0.018	0.028	0.038	0.033	0.039	0.041	0.032	1.0	0.027	0.03	0.027	
Trunk	HAE4003A, 1/4 Wave (450-470MHz)	2.15	460.0000	10.00	9.90	CW	E	1.03	BS5	0.01	0.009	0.009	0.016	0.024	0.04	0.041	0.039	0.037	0.031	1.0	0.026	0.03	0.027	
Trunk	HAE4003A, 1/4 Wave (450-470MHz)	2.15	470.0000	10.00	10.00	CW	E	1.04	BS5	0.009	0.009	0.012	0.02	0.036	0.041	0.044	0.045	0.03	0.029	1.0	0.028	0.03	0.029	
Trunk	HAE4004A, 1/4 Wave (470-512MHz)	2.15	470.0000	10.00	10.00	CW	E	1.04	BS1	0.001	0.002	0.001	0.002	0.004	0.006	0.008	0.011	0.009	0.011	1.0	0.006	0.01	0.006	
Trunk	HAE4004A, 1/4 Wave (470-512MHz)	2.15	484.0000	10.00	9.61	CW	E	1.05	BS1	0.002	0.002	0.001	0.003	0.005	0.006	0.008	0.009	0.009	0.011	1.0	0.006	0.01	0.006	
Trunk	HAE4004A, 1/4 Wave (470-512MHz)	2.15	498.0000	10.00	9.83	CW	E	1.06	BS1	0.002	0.002	0.002	0.002	0.003	0.003	0.006	0.007	0.01	0.011	1.0	0.005	0.01	0.005	
Trunk	HAE4004A, 1/4 Wave (470-512MHz)	2.15	512.0000	10.00	9.75	CW	E	1.06	BS1	0.004	0.004	0.004	0.005	0.004	0.005	0.007	0.008	0.009	0.015	1.0	0.007	0.01	0.007	

MPE calculations are defined in section 15.0.

Table G.1 (Continued)
DVR UHF - MPE measurement data for Bystander

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurements									DUT Max. TX Factor	Avg. over Body (mW/ cm2)	Calc. P.D. (mW/ cm2)	Max Calc. P.D. (mW/ cm2)	
Ant Loc.	Ant. Model/ Desc.	Ant. Gain (dBi)	Tx Freq (MHz)	Max Pwr (W)	Initial Pwr (W)	Test Mode	E/H Field	Probe Cal. Factor		Bystander (BS) Positions													
										20 cm	40 cm	60 cm	80 cm	100 cm	120 cm	140 cm	160 cm	180 cm					200 cm
Trunk	HAE4004A, 1/4 Wave (470-512MHz)	2.15	470.0000	10.00	10.00	CW	E	1.04	BS2	0.002	0.003	0.003	0.004	0.007	0.01	0.014	0.017	0.019	0.024	1.0	0.010	0.01	0.011
Trunk	HAE4004A, 1/4 Wave (470-512MHz)	2.15	484.0000	10.00	9.61	CW	E	1.05	BS2	0.004	0.005	0.005	0.007	0.009	0.015	0.017	0.018	0.022	0.033	1.0	0.014	0.01	0.015
Trunk	HAE4004A, 1/4 Wave (470-512MHz)	2.15	498.0000	10.00	9.83	CW	E	1.06	BS2	0.003	0.003	0.006	0.01	0.012	0.014	0.019	0.027	0.034	0.035	1.0	0.016	0.02	0.018
Trunk	HAE4004A, 1/4 Wave (470-512MHz)	2.15	512.0000	10.00	9.75	CW	E	1.06	BS2	0.004	0.006	0.009	0.014	0.019	0.024	0.034	0.039	0.04	0.036	1.0	0.023	0.02	0.024
Trunk	HAE4004A, 1/4 Wave (470-512MHz)	2.15	470.0000	10.00	10.00	CW	E	1.04	BS3	0.007	0.007	0.012	0.016	0.025	0.033	0.041	0.044	0.039	0.029	1.0	0.025	0.03	0.026
Trunk	HAE4004A, 1/4 Wave (470-512MHz)	2.15	484.0000	10.00	9.61	CW	E	1.05	BS3	0.007	0.008	0.012	0.019	0.029	0.029	0.033	0.042	0.042	0.036	1.0	0.026	0.03	0.028
Trunk	HAE4004A, 1/4 Wave (470-512MHz)	2.15	498.0000	10.00	9.83	CW	E	1.06	BS3	0.007	0.007	0.011	0.015	0.021	0.028	0.037	0.037	0.041	0.027	1.0	0.023	0.02	0.025
Trunk	HAE4004A, 1/4 Wave (470-512MHz)	2.15	512.0000	10.00	9.75	CW	E	1.06	BS3	0.01	0.01	0.011	0.015	0.023	0.028	0.031	0.031	0.035	0.034	1.0	0.023	0.02	0.025
Trunk	HAE4004A, 1/4 Wave (470-512MHz)	2.15	470.0000	10.00	10.00	CW	E	1.04	BS4	0.011	0.013	0.017	0.024	0.027	0.036	0.042	0.056	0.054	0.049	1.0	0.033	0.03	0.034
Trunk	HAE4004A, 1/4 Wave (470-512MHz)	2.15	484.0000	10.00	9.61	CW	E	1.05	BS4	0.014	0.014	0.015	0.02	0.028	0.04	0.054	0.056	0.055	0.05	1.0	0.035	0.04	0.038
Trunk	HAE4004A, 1/4 Wave (470-512MHz)	2.15	498.0000	10.00	9.83	CW	E	1.06	BS4	0.015	0.013	0.017	0.019	0.024	0.033	0.051	0.061	0.054	0.043	1.0	0.033	0.03	0.036
Trunk	HAE4004A, 1/4 Wave (470-512MHz)	2.15	512.0000	10.00	9.75	CW	E	1.06	BS4	0.013	0.01	0.015	0.02	0.028	0.044	0.05	0.056	0.053	0.045	1.0	0.033	0.04	0.036

MPE calculations are defined in section 15.0.

Table G.1 (Continued)**DVR UHF - MPE measurement data for Bystander**

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurements									DUT Max. TX Factor	Avg. over Body (mW/ cm2)	Calc. P.D. (mW/ cm2)	Max Calc. P.D. (mW/ cm2)	
Ant Loc.	Ant. Model/ Desc.	Ant. Gain (dBi)	Tx Freq (MHz)	Max Pwr (W)	Initial Pwr (W)	Test Mode	E/H Field	Probe Cal. Factor		Bystander (BS) Positions													
										20 cm	40 cm	60 cm	80 cm	100 cm	120 cm	140 cm	160 cm	180 cm					200 cm
Trunk	HAE4004A, 1/4 Wave (470-512MHz)	2.15	470.0000	10.00	10.00	CW	E	1.04	BS5	0.009	0.009	0.013	0.022	0.031	0.047	0.049	0.054	0.036	0.033	1.0	0.030	0.03	0.032
Trunk	HAE4004A, 1/4 Wave (470-512MHz)	2.15	484.0000	10.00	9.61	CW	E	1.05	BS5	0.011	0.01	0.017	0.025	0.03	0.04	0.053	0.046	0.059	0.04	1.0	0.033	0.03	0.036
Trunk	HAE4004A, 1/4 Wave (470-512MHz)	2.15	498.0000	10.00	9.83	CW	E	1.06	BS5	0.011	0.009	0.013	0.013	0.027	0.037	0.043	0.056	0.052	0.037	1.0	0.030	0.03	0.032
Trunk	HAE4004A, 1/4 Wave (470-512MHz)	2.15	512.0000	10.00	9.75	CW	E	1.06	BS5	0.009	0.009	0.012	0.016	0.025	0.028	0.04	0.049	0.045	0.039	1.0	0.027	0.03	0.030

MPE calculations are defined in section 15.0.

Table G.2
DVR UHF - MPE measurement data for Passenger

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurements			DUT Max. TX Factor	Avg. over Body (mW/ cm2)	Calc. P.D. (mW/ cm2)	Max Calc. P.D. (mW/ cm2)
Ant Loc.	Ant. Model/ Desc.	Ant. Gain (dBi)	Tx Freq (MHz)	Max Pwr (W)	Initial Pwr (W)	Test Mode	E/H Field	Probe Cal. Factor		Passenger/Operator (MC) Positions						
										Head/ Top 1/3	Chest/ Middle 1/3	Lower Trunk/ Bottom 1/3				
Trunk	HAE6012A, 1/4 Wave (380-433MHz)	2.15	406.5000	10.00	9.68	CW	E	0.99	PB	0.059	0.154	0.092	1.0	0.102	0.10	0.104
Trunk	HAE6012A, 1/4 Wave (380-433MHz)	2.15	417.5000	10.00	9.90	CW	E	0.99	PB	0.081	0.096	0.098	1.0	0.092	0.09	0.092
Trunk	HAE6012A, 1/4 Wave (380-433MHz)	2.15	429.9875	10.00	9.60	CW	E	1.00	PB	0.081	0.036	0.069	1.0	0.062	0.06	0.065
Trunk	HAE6012A, 1/4 Wave (380-433MHz)	2.15	406.5000	10.00	9.68	CW	E	0.99	PF	0.051	0.062	0.015	1.0	0.043	0.04	0.044
Trunk	HAE6012A, 1/4 Wave (380-433MHz)	2.15	417.5000	10.00	9.90	CW	E	0.99	PF	0.031	0.047	0.007	1.0	0.028	0.03	0.028
Trunk	HAE6012A, 1/4 Wave (380-433MHz)	2.15	429.9875	10.00	9.60	CW	E	1.00	PF	0.033	0.045	0.023	1.0	0.034	0.03	0.035
Trunk	HAE4003A, 1/4 Wave (450-470MHz)	2.15	450.0000	10.00	9.96	CW	E	1.02	PB	0.177	0.094	0.178	1.0	0.150	0.15	0.153
Trunk	HAE4003A, 1/4 Wave (450-470MHz)	2.15	460.0000	10.00	9.90	CW	E	1.03	PB	0.187	0.138	0.144	1.0	0.156	0.161	0.163
Trunk	HAE4003A, 1/4 Wave (450-470MHz)	2.15	470.0000	10.00	10.00	CW	E	1.04	PB	0.157	0.097	0.094	1.0	0.116	0.12	0.121

MPE calculations are defined in section 15.0.

Table G.2 (Continued)
DVR UHF - MPE measurement data for Passenger

D.U.T. Info.							Probe Info.			MPE Measurements			DUT Max. TX Factor	Avg. over Body (mW/ cm2)	Calc. P.D. (mW/ cm2)	Max Calc. P.D. (mW/ cm2)	
Ant Loc.	Ant. Model/ Desc.	Ant. Gain (dBi)	Tx Freq (MHz)	Max Pwr (W)	Initial Pwr (W)	Test Mode	E/H Field	Probe Cal. Factor		Test Pos.	Passenger/Operator (MC) Positions						
											Head/ Top 1/3	Chest/ Middle 1/3					Lower Trunk/ Bottom 1/3
Trunk	HAE4003A, 1/4 Wave (450-470MHz)	2.15	450.0000	10.00	9.96	CW	E	1.02	PF	0.036	0.037	0.037	1.0	0.037	0.04	0.038	
Trunk	HAE4003A, 1/4 Wave (450-470MHz)	2.15	460.0000	10.00	9.90	CW	E	1.03	PF	0.042	0.043	0.039	1.0	0.041	0.04	0.043	
Trunk	HAE4003A, 1/4 Wave (450-470MHz)	2.15	470.0000	10.00	10.00	CW	E	1.04	PF	0.03	0.046	0.037	1.0	0.038	0.04	0.039	
Trunk	HAE4004A, 1/4 Wave (470-512MHz)	2.15	470.0000	10.00	10.00	CW	E	1.04	PB	0.175	0.098	0.118	1.0	0.130	0.14	0.136	
Trunk	HAE4004A, 1/4 Wave (470-512MHz)	2.15	484.0000	10.00	9.61	CW	E	1.05	PB	0.219	0.075	0.14	1.0	0.145	0.15	0.158	
Trunk	HAE4004A, 1/4 Wave (470-512MHz)	2.15	498.0000	10.00	9.83	CW	E	1.06	PB	0.126	0.076	0.062	1.0	0.088	0.09	0.095	
Trunk	HAE4004A, 1/4 Wave (470-512MHz)	2.15	512.0000	10.00	9.75	CW	E	1.06	PB	0.127	0.16	0.11	1.0	0.132	0.14	0.144	
Trunk	HAE4004A, 1/4 Wave (470-512MHz)	2.15	470.0000	10.00	10.00	CW	E	1.04	PF	0.021	0.029	0.038	1.0	0.029	0.03	0.031	
Trunk	HAE4004A, 1/4 Wave (470-512MHz)	2.15	484.0000	10.00	9.61	CW	E	1.05	PF	0.023	0.034	0.020	1.0	0.026	0.03	0.028	
Trunk	HAE4004A, 1/4 Wave (470-512MHz)	2.15	498.0000	10.00	9.83	CW	E	1.06	PF	0.031	0.033	0.028	1.0	0.031	0.03	0.033	
Trunk	HAE4004A, 1/4 Wave (470-512MHz)	2.15	512.0000	10.00	9.75	CW	E	1.06	PF	0.022	0.025	0.055	1.0	0.034	0.04	0.037	

MPE calculations are defined in section 15.0.

