

 MOTOROLA SOLUTIONS	
DECLARATION OF COMPLIANCE: MPE ASSESSMENT Part 3 of 3	
Motorola Solutions Inc. EME Test Laboratory Motorola Solutions Malaysia Sdn Bhd (Innoplex) Plot 2A, Medan Bayan Lepas, Mukim 12 SWD 11900 Bayan Lepas Penang, Malaysia.	Date of Report: 12/15/2016 Report Revision: B
Responsible Engineer: Saw Sun Hock (EME Engineer) Report author: Saw Sun Hock (EME Engineer) Date(s) Tested: 8/11/2016~8/18/2016; 8/20/2016~8/21/2016; 8/24~8/30/2016; 9/20/2016~9/22/2016 Manufacturer: Motorola Solutions Inc. Date submitted for test: 08/08/2016 DUT Description: APX8500 mobile All Bands (VHF, UHF, 7/800) Test TX mode(s): CW Max. Power output: 60W (136-174 MHz), 54W (380-484 MHz), 48W (485-512 MHz), 30W (512-520 MHz), 36W (764-805 MHz), 42W (806-870 MHz); 10mW (Bluetooth); 2.5mW (Bluetooth LE); 63.1 mW (WLAN 802.11b), 20 mW (WLAN 802.11g/n) TX Frequency Bands: 136-174 MHz; 380-520 MHz; 764-805 MHz; 806-870 MHz; WLAN 2400-2483.5 MHz; Bluetooth 2402-2480 MHz Signaling type: FM, TDMA, FHSS (Bluetooth), 802.11b/g/n (WLAN) Model(s) Tested: M37TSS9PW1AN Model(s) Certified: M37TSS9PW1AN Serial Number(s): KLDORDDUC Classification: Occupational/Controlled Environment FCC ID: AZ492FT7089 150.8-173.4 MHz, 406.1-512 MHz, 769-775 MHz, 799-824 MHz, 851-869 MHz, 2402-2480 MHz, 2412-2462 MHz This report contains results that are immaterial for FCC equipment approval, which are clearly identified. ISED Canada: 109U-92FT7089 This report contains results that are immaterial for ISED 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 ICNIRP Guidelines for limiting exposure in time-varying electric, magnetic, and electromagnetic fields (up 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 3.0 of this report. 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.	
Signature on file Tiong Nguk Ing Deputy Technical Manager Approval Date: 12/15/2016	Certification Date: 10/25/2016 Certification No.: L1161004

Appendix H – MPE Measurement Results for LMR VHF

Table H.1
VHF Band - MPE measurement data for Bystander

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurement										DUT Max. TX Factor	Avg. over Body (mW/cm2)	Calc. P.D. (mW/cm2)	Max Calc. P.D. (mW/cm2)
										Bystander (BS) Positions													
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		20 cm	40 cm	60 cm	80 cm	100 cm	120 cm	140 cm	160 cm	180 cm	200 cm				
Trunk	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	136.0000	60.0	58.4	CW	E	1.03	BS	0.021	0.03	0.041	0.04	0.075	0.184	0.332	0.371	0.372	0.375	0.5	0.184	0.09	0.10
Trunk	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	146.0000	60.0	58.3	CW	E	1.02	BS	0.046	0.068	0.059	0.075	0.125	0.263	0.403	0.437	0.383	0.384	0.5	0.224	0.11	0.12
Trunk	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	150.8000	60.0	58.6	CW	E	1.02	BS	0.037	0.05	0.040	0.045	0.137	0.273	0.377	0.407	0.366	0.36	0.5	0.245	0.13	0.13
Trunk	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	158.0125	60.0	58.6	CW	E	1.02	BS	0.023	0.038	0.059	0.095	0.210	0.364	0.491	0.511	0.437	0.468	0.5	0.270	0.14	0.14
Trunk	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	165.0125	60.0	59.0	CW	E	1.01	BS	0.04	0.023	0.077	0.158	0.287	0.328	0.312	0.3	0.299	0.328	0.5	0.215	0.11	0.11
Trunk	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	173.0125	60.0	59.3	CW	E	1.01	BS	0.03	0.061	0.095	0.156	0.256	0.396	0.456	0.458	0.476	0.466	0.5	0.285	0.14	0.15
Trunk	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	136.0000	60.0	58.4	CW	E	1.03	BS	0.021	0.03	0.041	0.04	0.075	0.184	0.332	0.371	0.372	0.375	0.5	0.184	0.09	0.10
Trunk	HAD4022A, 5/8 Wave (132-174MHz)	5.15	136.0000	60.0	58.4	CW	E	1.03	BS	0.015	0.026	0.034	0.041	0.093	0.194	0.385	0.465	0.439	0.409	0.5	0.210	0.11	0.11
Trunk	HAD4022A, 5/8 Wave (132-174MHz)	5.15	144.0000	60.0	58.4	CW	E	1.02	BS	0.036	0.05	0.073	0.076	0.146	0.281	0.352	0.361	0.349	0.311	0.5	0.204	0.10	0.11
Trunk	HAD4022A, 5/8 Wave (132-174MHz)	5.15	150.8000	60.0	58.6	CW	E	1.02	BS	0.016	0.02	0.027	0.064	0.162	0.272	0.363	0.372	0.358	0.344	0.5	0.200	0.10	0.10
Trunk	HAD4022A, 5/8 Wave (132-174MHz)	5.15	158.0125	60.0	58.6	CW	E	1.02	BS	0.046	0.046	0.062	0.128	0.221	0.361	0.445	0.458	0.395	0.348	0.5	0.251	0.13	0.13
Trunk	HAD4022A, 5/8 Wave (132-174MHz)	5.15	165.0125	60.0	59.0	CW	E	1.01	BS	0.043	0.077	0.139	0.215	0.275	0.336	0.361	0.347	0.351	0.298	0.5	0.244	0.12	0.13
Trunk	HAD4022A, 5/8 Wave (132-174MHz)	5.15	173.0125	60.0	59.3	CW	E	1.01	BS	0.034	0.052	0.068	0.129	0.256	0.346	0.388	0.367	0.347	0.291	0.5	0.228	0.12	0.12
45 Degree																							
Trunk	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	173.0125	60	59.3	CW	E	1.01	BS	0.103	0.276	0.284	0.159	0.223	0.338	0.393	0.422	0.423	0.422	0.5	0.304	0.15	0.16
90 Degree																							
Trunk	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	173.0125	60	59.3	CW	E	1.01	BS	0.072	0.104	0.1	0.131	0.247	0.347	0.41	0.433	0.449	0.445	0.5	0.274	0.14	0.14

MPE calculations are defined in section 14.0.

Table H.1 (Continued)
VHF Band - MPE measurement data for Bystander

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurement										DUT Max. TX Factor	Avg. over Body (mW/cm2)	Calc. P.D. (mW/cm2)	Max Calc. P.D. (mW/cm2)	
										Bystander (BS) Positions														
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		20 cm	40 cm	60 cm	80 cm	100 cm	120 cm	140 cm	160 cm	180 cm	200 cm					
Trunk	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	136.0000	60.0	58.4	CW	H	0.88	BS	0.03	0.028	0.029	0.034	0.045	0.055	0.066	0.087	0.122	0.148	0.5	0.064	0.06	0.06	
Trunk	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	146.0000	60.0	58.3	CW	H	0.87	BS	0.036	0.03	0.045	0.051	0.062	0.072	0.083	0.105	0.139	0.156	0.5	0.078	0.09	0.09	
Trunk	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	150.8000	60.0	58.6	CW	H	0.87	BS	0.035	0.035	0.039	0.041	0.059	0.069	0.082	0.108	0.143	0.162	0.5	0.077	0.09	0.09	
Trunk	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	158.0125	60.0	58.6	CW	H	0.86	BS	0.035	0.036	0.044	0.057	0.073	0.089	0.108	0.128	0.145	0.165	0.5	0.088	0.11	0.11	
Trunk	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	165.0125	60.0	59.0	CW	H	0.85	BS	0.034	0.035	0.045	0.058	0.07	0.081	0.096	0.126	0.155	0.168	0.5	0.087	0.10	0.10	
Trunk	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	173.0125	60.0	59.3	CW	H	0.84	BS	0.035	0.041	0.057	0.079	0.094	0.108	0.127	0.141	0.159	0.166	0.5	0.101	0.13	0.14	
Trunk	HAD4022A, 5/8 Wave (132-174MHz)	5.15	136.0000	60.0	58.4	CW	H	0.88	BS	0.028	0.028	0.03	0.04	0.056	0.072	0.088	0.109	0.132	0.142	0.5	0.073	0.08	0.08	
Trunk	HAD4022A, 5/8 Wave (132-174MHz)	5.15	144.0000	60.0	58.4	CW	H	0.87	BS	0.04	0.041	0.039	0.051	0.068	0.084	0.099	0.116	0.133	0.136	0.5	0.081	0.09	0.10	
Trunk	HAD4022A, 5/8 Wave (132-174MHz)	5.15	150.8000	60.0	58.6	CW	H	0.87	BS	0.023	0.028	0.038	0.054	0.075	0.111	0.128	0.132	0.146	0.15	0.5	0.089	0.11	0.11	
Trunk	HAD4022A, 5/8 Wave (132-174MHz)	5.15	158.0125	60.0	58.6	CW	H	0.86	BS	0.04	0.043	0.049	0.067	0.089	0.107	0.128	0.138	0.144	0.141	0.5	0.095	0.12	0.13	
Trunk	HAD4022A, 5/8 Wave (132-174MHz)	5.15	165.0125	60.0	59.0	CW	H	0.85	BS	0.043	0.047	0.058	0.075	0.098	0.115	0.123	0.134	0.13	0.122	0.5	0.095	0.12	0.12	
Trunk	HAD4022A, 5/8 Wave (132-174MHz)	5.15	173.0125	60.0	59.3	CW	H	0.84	BS	0.04	0.044	0.059	0.083	0.102	0.12	0.133	0.138	0.132	0.127	0.5	0.098	0.13	0.13	
Trunk	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	136.0000	60.0	58.4	CW	H	0.88	BS	0.03	0.028	0.029	0.034	0.045	0.055	0.066	0.087	0.122	0.148	0.5	0.064	0.06	0.06	
45 Degree																								
Trunk	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	173.0125	60	59.3	CW	H	0.84	BS	0.009	0.068	0.065	0.093	0.107	0.116	0.126	0.148	0.167	0.113	0.5	0.101	0.14	0.14	
90 Degree																								
Trunk	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	173.0125	60	59.3	CW	H	0.84	BS	0.05	0.058	0.074	0.092	0.103	0.108	0.122	0.144	0.163	0.171	0.5	0.109	0.16	0.16	

MPE calculations are defined in section 14.0.

Table H.1 (Continued)
VHF Band - MPE measurement data for Bystander

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurement										DUT Max. TX Factor	Avg. over Body (mW/cm2)	Calc. P.D. (mW/cm2)	Max Calc. P.D. (mW/cm2)
										Bystander (BS) Positions													
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		20 cm	40 cm	60 cm	80 cm	100 cm	120 cm	140 cm	160 cm	180 cm	200 cm				
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	136.0000	60.0	58.4	CW	E	1.03	BS	0.09	0.16	0.194	0.18	0.164	0.208	0.286	0.295	0.274	0.213	0.5	0.206	0.11	0.11
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	146.0000	60.0	58.3	CW	E	1.02	BS	0.135	0.179	0.241	0.257	0.226	0.315	0.326	0.349	0.347	0.317	0.5	0.269	0.14	0.14
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	150.8000	60.0	58.6	CW	E	1.02	BS	0.121	0.217	0.234	0.128	0.126	0.212	0.35	0.385	0.321	0.287	0.5	0.238	0.12	0.12
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	158.0125	60.0	58.6	CW	E	1.02	BS	0.124	0.188	0.174	0.145	0.127	0.198	0.295	0.334	0.351	0.324	0.5	0.226	0.12	0.12
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	165.0125	60.0	59.0	CW	E	1.01	BS	0.064	0.085	0.083	0.029	0.055	0.159	0.21	0.258	0.274	0.277	0.5	0.149	0.08	0.08
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	173.0125	60.0	59.3	CW	E	1.01	BS	0.064	0.09	0.048	0.037	0.134	0.252	0.306	0.394	0.349	0.362	0.5	0.204	0.10	0.10
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	136.0000	60.0	58.4	CW	E	1.03	BS	0.09	0.16	0.194	0.18	0.164	0.208	0.286	0.295	0.274	0.213	0.5	0.206	0.11	0.11
Roof	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	136.0000	60.0	58.4	CW	E	1.03	BS	0.037	0.066	0.074	0.068	0.055	0.096	0.195	0.342	0.441	0.479	0.5	0.185	0.10	0.10
Roof	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	146.0000	60.0	58.3	CW	E	1.02	BS	0.03	0.059	0.04	0.028	0.045	0.119	0.216	0.36	0.469	0.511	0.5	0.188	0.10	0.10
Roof	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	150.8000	60.0	58.6	CW	E	1.02	BS	0.039	0.074	0.072	0.05	0.045	0.116	0.211	0.286	0.386	0.41	0.5	0.169	0.09	0.09
Roof	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	158.0125	60.0	58.6	CW	E	1.02	BS	0.038	0.055	0.056	0.056	0.051	0.112	0.236	0.342	0.452	0.475	0.5	0.187	0.10	0.10
Roof	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	165.0125	60.0	59.0	CW	E	1.01	BS	0.031	0.051	0.051	0.022	0.028	0.082	0.158	0.241	0.275	0.294	0.5	0.123	0.06	0.06
Roof	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	173.0125	60.0	59.3	CW	E	1.01	BS	0.039	0.028	0.035	0.032	0.05	0.184	0.295	0.479	0.554	0.557	0.5	0.225	0.11	0.12
Roof	HAD4022A, 5/8 Wave (132-174MHz)	5.15	136.0000	60.0	58.4	CW	E	1.03	BS	0.027	0.07	0.06	0.044	0.053	0.077	0.158	0.321	0.443	0.461	0.5	0.171	0.09	0.09
Roof	HAD4022A, 5/8 Wave (132-174MHz)	5.15	144.0000	60.0	58.4	CW	E	1.02	BS	0.03	0.055	0.061	0.061	0.072	0.119	0.198	0.313	0.432	0.454	0.5	0.180	0.09	0.09
Roof	HAD4022A, 5/8 Wave (132-174MHz)	5.15	150.8000	60.0	58.6	CW	E	1.02	BS	0.043	0.059	0.071	0.041	0.028	0.108	0.167	0.282	0.375	0.379	0.5	0.155	0.08	0.08
Roof	HAD4022A, 5/8 Wave (132-174MHz)	5.15	158.0125	60.0	58.6	CW	E	1.02	BS	0.052	0.092	0.057	0.034	0.076	0.145	0.209	0.382	0.426	0.458	0.5	0.193	0.10	0.10

MPE calculations are defined in section 14.0.

Table H.1 (Continued)
VHF Band - MPE measurement data for Bystander

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurement										DUT Max. TX Factor	Avg. over Body (mW/cm2)	Calc. P.D. (mW/cm2)	Max Calc. P.D. (mW/cm2)
										Bystander (BS) Positions													
										20 cm	40 cm	60 cm	80 cm	100 cm	120 cm	140 cm	160 cm	180 cm	200 cm				
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															
Roof	HAD4022A, 5/8 Wave (132-174MHz)	5.15	165.0125	60.0	59.0	CW	E	1.01	BS	0.058	0.086	0.078	0.028	0.056	0.122	0.26	0.36	0.421	0.422	0.5	0.189	0.10	0.10
Roof	HAD4022A, 5/8 Wave (132-174MHz)	5.15	173.0125	60.0	59.3	CW	E	1.01	BS	0.04	0.059	0.031	0.033	0.088	0.181	0.314	0.477	0.508	0.491	0.5	0.222	0.11	0.11
Roof	HAD4016A, 1/4 Wave (136-162MHz)	2.15	136.0000	60.0	58.4	CW	E	1.03	BS	0.087	0.138	0.14	0.157	0.159	0.162	0.292	0.307	0.296	0.248	0.5	0.199	0.10	0.11
Roof	HAD4016A, 1/4 Wave (136-162MHz)	2.15	144.0000	60.0	58.4	CW	E	1.02	BS	0.117	0.213	0.233	0.299	0.254	0.329	0.448	0.406	0.373	0.336	0.5	0.301	0.15	0.16
Roof	HAD4016A, 1/4 Wave (136-162MHz)	2.15	150.8000	60.0	58.6	CW	E	1.02	BS	0.123	0.217	0.18	0.192	0.247	0.375	0.327	0.32	0.294	0.283	0.5	0.256	0.13	0.13
Roof	HAD4016A, 1/4 Wave (136-162MHz)	2.15	156.4000	60.0	58.7	CW	E	1.02	BS	0.117	0.162	0.171	0.137	0.156	0.287	0.277	0.344	0.343	0.292	0.5	0.229	0.12	0.12
Roof	HAD4016A, 1/4 Wave (136-162MHz)	2.15	162.0000	60.0	59.0	CW	E	1.02	BS	0.069	0.087	0.081	0.079	0.083	0.103	0.181	0.222	0.198	0.243	0.5	0.135	0.07	0.07
Roof	HAD4017A, 1/4 Wave (146-174MHz)	2.15	146.0000	60.0	58.3	CW	E	1.02	BS	0.078	0.143	0.186	0.18	0.178	0.219	0.264	0.311	0.318	0.216	0.5	0.209	0.11	0.11
Roof	HAD4017A, 1/4 Wave (146-174MHz)	2.15	150.8000	60.0	58.6	CW	E	1.02	BS	0.098	0.168	0.147	0.137	0.15	0.214	0.252	0.287	0.248	0.21	0.5	0.191	0.10	0.10
Roof	HAD4017A, 1/4 Wave (146-174MHz)	2.15	158.0125	60.0	58.6	CW	E	1.02	BS	0.09	0.2	0.188	0.13	0.124	0.292	0.4	0.39	0.337	0.31	0.5	0.246	0.13	0.13
Roof	HAD4017A, 1/4 Wave (146-174MHz)	2.15	165.0125	60.0	59.0	CW	E	1.01	BS	0.094	0.137	0.137	0.13	0.08	0.151	0.222	0.322	0.337	0.321	0.5	0.193	0.10	0.10
Roof	HAD4017A, 1/4 Wave (146-174MHz)	2.15	173.0125	60.0	59.3	CW	E	1.01	BS	0.066	0.079	0.07	0.09	0.12	0.287	0.359	0.405	0.384	0.332	0.5	0.219	0.11	0.11
Roof	HAD4021A, 1/4 Wave (136-174MHz)	2.15	136.0000	60.0	58.4	CW	E	1.03	BS	0.082	0.147	0.165	0.174	0.162	0.166	0.226	0.239	0.219	0.189	0.5	0.177	0.09	0.09
Roof	HAD4021A, 1/4 Wave (136-174MHz)	2.15	144.0000	60.0	58.4	CW	E	1.02	BS	0.135	0.243	0.252	0.204	0.205	0.252	0.359	0.385	0.386	0.333	0.5	0.275	0.14	0.14
Roof	HAD4021A, 1/4 Wave (136-174MHz)	2.15	150.8000	60.0	58.6	CW	E	1.02	BS	0.121	0.215	0.204	0.178	0.123	0.244	0.287	0.344	0.267	0.253	0.5	0.224	0.11	0.12
Roof	HAD4021A, 1/4 Wave (136-174MHz)	2.15	158.0125	60.0	58.6	CW	E	1.02	BS	0.107	0.153	0.17	0.15	0.132	0.193	0.292	0.292	0.274	0.273	0.5	0.204	0.10	0.11

MPE calculations are defined in section 14.0.

Table H.1 (Continued)
VHF Band - MPE measurement data for Bystander

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurement										DUT Max. TX Factor	Avg. over Body (mW/cm2)	Calc. P.D. (mW/cm2)	Max Calc. P.D. (mW/cm2)
										Bystander (BS) Positions													
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		20 cm	40 cm	60 cm	80 cm	100 cm	120 cm	140 cm	160 cm	180 cm	200 cm				
Roof	HAD4021A, 1/4 Wave (136-174MHz)	2.15	165.0125	60.0	59.0	CW	E	1.01	BS	0.069	0.097	0.08	0.034	0.134	0.2	0.241	0.314	0.277	0.301	0.5	0.175	0.09	0.09
Roof	HAD4021A, 1/4 Wave (136-174MHz)	2.15	173.0125	60.0	59.3	CW	E	1.01	BS	0.046	0.067	0.06	0.063	0.096	0.204	0.255	0.307	0.294	0.29	0.5	0.168	0.08	0.09
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	136.0000	60.0	58.4	CW	H	0.88	BS	0.052	0.058	0.064	0.075	0.089	0.104	0.112	0.109	0.102	0.094	0.5	0.086	0.11	0.11
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	146.0000	60.0	58.3	CW	H	0.87	BS	0.077	0.083	0.088	0.095	0.11	0.122	0.126	0.124	0.12	0.122	0.5	0.107	0.16	0.17
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	150.8000	60.0	58.6	CW	H	0.87	BS	0.07	0.079	0.079	0.088	0.112	0.124	0.125	0.121	0.124	0.125	0.5	0.105	0.16	0.16
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	158.0125	60.0	58.6	CW	H	0.86	BS	0.071	0.073	0.081	0.096	0.112	0.115	0.114	0.113	0.123	0.128	0.5	0.103	0.15	0.15
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	165.0125	60.0	59.0	CW	H	0.85	BS	0.057	0.055	0.066	0.083	0.09	0.098	0.105	0.113	0.13	0.137	0.5	0.093	0.12	0.12
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	173.0125	60.0	59.3	CW	H	0.84	BS	0.042	0.048	0.056	0.078	0.095	0.106	0.111	0.121	0.138	0.143	0.5	0.094	0.12	0.12
Roof	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	136.0000	60.0	58.4	CW	H	0.88	BS	0.036	0.041	0.042	0.047	0.05	0.06	0.06	0.056	0.064	0.086	0.5	0.054	0.04	0.04
Roof	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	146.0000	60.0	58.3	CW	H	0.87	BS	0.036	0.037	0.043	0.048	0.052	0.054	0.057	0.059	0.071	0.099	0.5	0.056	0.04	0.05
Roof	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	150.8000	60.0	58.6	CW	H	0.87	BS	0.037	0.038	0.041	0.046	0.052	0.058	0.056	0.055	0.071	0.098	0.5	0.055	0.04	0.04
Roof	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	158.0125	60.0	58.6	CW	H	0.86	BS	0.035	0.036	0.037	0.047	0.05	0.051	0.092	0.093	0.116	0.122	0.5	0.068	0.06	0.07
Roof	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	165.0125	60.0	59.0	CW	H	0.85	BS	0.041	0.041	0.043	0.047	0.048	0.054	0.06	0.073	0.092	0.119	0.5	0.062	0.05	0.05
Roof	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	173.0125	60.0	59.3	CW	H	0.84	BS	0.042	0.038	0.039	0.052	0.062	0.074	0.087	0.1	0.122	0.147	0.5	0.076	0.08	0.08
Roof	HAD4022A, 5/8 Wave (132-174MHz)	5.15	136.0000	60.0	58.4	CW	H	0.88	BS	0.029	0.031	0.034	0.037	0.046	0.053	0.06	0.07	0.084	0.108	0.5	0.055	0.04	0.05
Roof	HAD4022A, 5/8 Wave (132-174MHz)	5.15	144.0000	60.0	58.4	CW	H	0.87	BS	0.034	0.035	0.043	0.049	0.055	0.058	0.056	0.067	0.085	0.11	0.5	0.059	0.05	0.05
Roof	HAD4022A, 5/8 Wave (132-174MHz)	5.15	150.8000	60.0	58.6	CW	H	0.87	BS	0.038	0.041	0.042	0.046	0.049	0.064	0.068	0.078	0.097	0.123	0.5	0.065	0.06	0.06

MPE calculations are defined in section 14.0.

Table H.1 (Continued)
VHF Band - MPE measurement data for Bystander

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurement										DUT Max. TX Factor	Avg. over Body (mW/cm2)	Calc. P.D. (mW/cm2)	Max Calc. P.D. (mW/cm2)
										Bystander (BS) Positions													
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		20 cm	40 cm	60 cm	80 cm	100 cm	120 cm	140 cm	160 cm	180 cm	200 cm				
Roof	HAD4022A, 5/8 Wave (132-174MHz)	5.15	158.0125	60.0	58.6	CW	H	0.86	BS	0.044	0.047	0.048	0.057	0.058	0.065	0.073	0.088	0.107	0.133	0.5	0.072	0.07	0.07
Roof	HAD4022A, 5/8 Wave (132-174MHz)	5.15	165.0125	60.0	59.0	CW	H	0.85	BS	0.051	0.047	0.05	0.054	0.069	0.07	0.079	0.1	0.126	0.149	0.5	0.080	0.09	0.09
Roof	HAD4022A, 5/8 Wave (132-174MHz)	5.15	173.0125	60.0	59.3	CW	H	0.84	BS	0.042	0.04	0.044	0.057	0.073	0.081	0.094	0.11	0.131	0.15	0.5	0.082	0.09	0.09
Roof	HAD4016A, 1/4 Wave (136-162MHz)	2.15	136.0000	60.0	58.4	CW	H	0.88	BS	0.052	0.059	0.064	0.079	0.095	0.109	0.115	0.114	0.105	0.096	0.5	0.087	0.11	0.11
Roof	HAD4016A, 1/4 Wave (136-162MHz)	2.15	144.0000	60.0	58.4	CW	H	0.87	BS	0.072	0.079	0.09	0.106	0.118	0.131	0.134	0.13	0.125	0.12	0.5	0.111	0.17	0.18
Roof	HAD4016A, 1/4 Wave (136-162MHz)	2.15	150.8000	60.0	58.6	CW	H	0.87	BS	0.075	0.077	0.079	0.098	0.12	0.128	0.127	0.125	0.127	0.126	0.5	0.108	0.17	0.17
Roof	HAD4016A, 1/4 Wave (136-162MHz)	2.15	156.4000	60.0	58.7	CW	H	0.86	BS	0.073	0.075	0.081	0.099	0.112	0.121	0.12	0.119	0.125	0.134	0.5	0.106	0.16	0.16
Roof	HAD4016A, 1/4 Wave (136-162MHz)	2.15	162.0000	60.0	59.0	CW	H	0.86	BS	0.065	0.068	0.071	0.078	0.088	0.098	0.096	0.105	0.12	0.126	0.5	0.092	0.12	0.12
Roof	HAD4017A, 1/4 Wave (146-174MHz)	2.15	146.0000	60.0	58.3	CW	H	0.87	BS	0.04	0.045	0.049	0.063	0.071	0.083	0.088	0.087	0.08	0.072	0.5	0.068	0.07	0.07
Roof	HAD4017A, 1/4 Wave (146-174MHz)	2.15	150.8000	60.0	58.6	CW	H	0.87	BS	0.063	0.066	0.079	0.085	0.102	0.112	0.113	0.11	0.105	0.103	0.5	0.094	0.13	0.13
Roof	HAD4017A, 1/4 Wave (146-174MHz)	2.15	158.0125	60.0	58.6	CW	H	0.86	BS	0.07	0.074	0.081	0.099	0.112	0.115	0.116	0.114	0.124	0.128	0.5	0.103	0.15	0.15
Roof	HAD4017A, 1/4 Wave (146-174MHz)	2.15	165.0125	60.0	59.0	CW	H	0.85	BS	0.062	0.062	0.069	0.085	0.099	0.109	0.116	0.128	0.142	0.149	0.5	0.102	0.14	0.14
Roof	HAD4017A, 1/4 Wave (146-174MHz)	2.15	173.0125	60.0	59.3	CW	H	0.84	BS	0.049	0.052	0.063	0.094	0.107	0.115	0.122	0.137	0.156	0.153	0.5	0.105	0.15	0.15
Roof	HAD4021A, 1/4 Wave (136-174MHz)	2.15	136.0000	60.0	58.4	CW	H	0.88	BS	0.053	0.055	0.062	0.077	0.086	0.1	0.103	0.101	0.094	0.087	0.5	0.082	0.10	0.10
Roof	HAD4021A, 1/4 Wave (136-174MHz)	2.15	144.0000	60.0	58.4	CW	H	0.87	BS	0.079	0.081	0.088	0.104	0.111	0.128	0.13	0.125	0.119	0.116	0.5	0.108	0.17	0.17
Roof	HAD4021A, 1/4 Wave (136-174MHz)	2.15	150.8000	60.0	58.6	CW	H	0.87	BS	0.073	0.082	0.079	0.102	0.104	0.118	0.12	0.12	0.119	0.118	0.5	0.104	0.15	0.16

MPE calculations are defined in section 14.0.

Table H.1 (Continued)
VHF Band - MPE measurement data for Bystander

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurement										DUT Max. TX Factor	Avg. over Body (mW/cm2)	Calc. P.D. (mW/cm2)	Max Calc. P.D. (mW/cm2)
										Bystander (BS) Positions													
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		20 cm	40 cm	60 cm	80 cm	100 cm	120 cm	140 cm	160 cm	180 cm	200 cm				
Roof	HAD4021A, 1/4 Wave (136-174MHz)	2.15	158.0125	60.0	58.6	CW	H	0.86	BS	0.069	0.071	0.072	0.088	0.096	0.103	0.106	0.108	0.117	0.12	0.5	0.095	0.13	0.13
Roof	HAD4021A, 1/4 Wave (136-174MHz)	2.15	165.0125	60.0	59.0	CW	H	0.85	BS	0.057	0.058	0.064	0.087	0.093	0.095	0.103	0.111	0.125	0.131	0.5	0.092	0.12	0.12
Roof	HAD4021A, 1/4 Wave (136-174MHz)	2.15	173.0125	60.0	59.3	CW	H	0.84	BS	0.045	0.047	0.057	0.078	0.082	0.098	0.103	0.114	0.128	0.13	0.5	0.088	0.10	0.10

MPE calculations are defined in section 14.0.

Table H.2
VHF Band - MPE measurement data for Passenger

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurement			DUT Max. TX Factor	Avg. over Body (mW/ cm2)	Calc. P.D. (mW/ cm2)	Max Calc. P.D. (mW/ cm2)
							Passenger Positions									
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		Head/ Top 1/3	Chest/ Middle 1/3	Lower Trunk/ Bottom 1/3				
Trunk	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	136.0000	60.0	58.4	CW	E	1.03	PB	0.150	0.079	0.039	0.5	0.089	0.05	0.05
Trunk	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	146.0000	60.0	58.3	CW	E	1.02	PB	0.206	0.124	0.053	0.5	0.128	0.07	0.07
Trunk	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	150.8000	60.0	58.6	CW	E	1.02	PB	0.174	0.121	0.069	0.5	0.121	0.06	0.06
Trunk	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	158.0125	60.0	58.6	CW	E	1.02	PB	0.323	0.307	0.256	0.5	0.295	0.15	0.15
Trunk	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	165.0125	60.0	59.0	CW	E	1.01	PB	0.263	0.331	0.315	0.5	0.303	0.15	0.16
Trunk	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	173.0125	60.0	59.3	CW	E	1.01	PB	0.394	0.31	0.463	0.5	0.389	0.20	0.20
Trunk	HAD4022A, 5/8 Wave (132-174MHz)	5.15	136.0000	60.0	58.4	CW	E	1.03	PB	0.503	0.313	0.166	0.5	0.327	0.17	0.17
Trunk	HAD4022A, 5/8 Wave (132-174MHz)	5.15	144.0000	60.0	58.4	CW	E	1.02	PB	0.552	0.35	0.298	0.5	0.400	0.20	0.21
Trunk	HAD4022A, 5/8 Wave (132-174MHz)	5.15	150.8000	60.0	58.6	CW	E	1.02	PB	0.375	0.513	0.339	0.5	0.409	0.21	0.21
Trunk	HAD4022A, 5/8 Wave (132-174MHz)	5.15	158.0125	60.0	58.6	CW	E	1.02	PB	0.776	0.889	0.639	0.5	0.768	0.39	0.40
Trunk	HAD4022A, 5/8 Wave (132-174MHz)	5.15	165.0125	60.0	59.0	CW	E	1.01	PB	0.827	1.105	0.99	0.5	0.974	0.49	0.50
Trunk	HAD4022A, 5/8 Wave (132-174MHz)	5.15	173.0125	60.0	59.3	CW	E	1.01	PB	0.76	0.971	0.869	0.5	0.867	0.44	0.44
Trunk	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	136.0000	60.0	58.4	CW	E	1.03	PF	0.025	0.027	0.013	0.5	0.022	0.01	0.01
Trunk	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	146.0000	60.0	58.3	CW	E	1.02	PF	0.017	0.019	0.014	0.5	0.017	0.01	0.01
Trunk	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	150.8000	60.0	58.6	CW	E	1.02	PF	0.013	0.012	0.008	0.5	0.011	0.01	0.01
Trunk	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	158.0125	60.0	58.6	CW	E	1.02	PF	0.026	0.029	0.028	0.5	0.028	0.01	0.01

MPE calculations are defined in section 14.0.

Table H.2 (Continued)
VHF Band - MPE measurement data for Passenger

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurement			DUT Max. TX Factor	Avg. over Body (mW/ cm2)	Calc. P.D. (mW/ cm2)	Max Calc. P.D. (mW/ cm2)	
										Passenger Positions							
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		Head/ Top 1/3	Chest/ Middle 1/3	Lower Trunk/ Bottom 1/3					
Trunk	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	165.0125	60.0	59.0	CW	E	1.01	PF	0.035	0.068	0.107	0.5	0.070	0.04	0.04	
Trunk	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	173.0125	60.0	59.3	CW	E	1.01	PF	0.051	0.054	0.158	0.5	0.088	0.04	0.04	
Trunk	HAD4022A, 5/8 Wave (132-174MHz)	5.15	136.0000	60.0	58.4	CW	E	1.03	PF	0.067	0.067	0.034	0.5	0.056	0.03	0.03	
Trunk	HAD4022A, 5/8 Wave (132-174MHz)	5.15	144.0000	60.0	58.4	CW	E	1.02	PF	0.042	0.04	0.027	0.5	0.036	0.02	0.02	
Trunk	HAD4022A, 5/8 Wave (132-174MHz)	5.15	150.8000	60.0	58.6	CW	E	1.02	PF	0.049	0.06	0.05	0.5	0.053	0.03	0.03	
Trunk	HAD4022A, 5/8 Wave (132-174MHz)	5.15	158.0125	60.0	58.6	CW	E	1.02	PF	0.095	0.082	0.092	0.5	0.090	0.05	0.05	
Trunk	HAD4022A, 5/8 Wave (132-174MHz)	5.15	165.0125	60.0	59.0	CW	E	1.01	PF	0.08	0.118	0.26	0.5	0.153	0.08	0.08	
Trunk	HAD4022A, 5/8 Wave (132-174MHz)	5.15	173.0125	60.0	59.3	CW	E	1.01	PF	0.09	0.097	0.221	0.5	0.136	0.07	0.07	
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	136.0000	60.0	58.4	CW	E	1.03	PB	0.260	0.195	0.149	0.5	0.201	0.10	0.11	
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	146.0000	60.0	58.3	CW	E	1.02	PB	0.338	0.223	0.172	0.5	0.244	0.12	0.13	
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	150.8000	60.0	58.6	CW	E	1.02	PB	0.266	0.183	0.172	0.5	0.207	0.11	0.11	
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	158.0125	60.0	58.6	CW	E	1.02	PB	0.19	0.28	0.26	0.5	0.243	0.12	0.13	
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	165.0125	60.0	59.0	CW	E	1.01	PB	0.127	0.142	0.158	0.5	0.142	0.07	0.07	
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	173.0125	60.0	59.3	CW	E	1.01	PB	0.137	0.045	0.092	0.5	0.091	0.05	0.05	
Roof	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	136.0000	60.0	58.4	CW	E	1.03	PB	0.047	0.015	0.018	0.5	0.027	0.01	0.01	
Roof	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	146.0000	60.0	58.3	CW	E	1.02	PB	0.059	0.056	0.046	0.5	0.054	0.03	0.03	

MPE calculations are defined in section 14.0.

Table H.2 (Continued)
VHF Band - MPE measurement data for Passenger

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurement			DUT Max. TX Factor	Avg. over Body (mW/ cm2)	Calc. P.D. (mW/ cm2)	Max Calc. P.D. (mW/ cm2)
							Passenger Positions									
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		Head/ Top 1/3	Chest/ Middle 1/3	Lower Trunk/ Bottom 1/3				
Roof	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	150.8000	60.0	58.6	CW	E	1.02	PB	0.035	0.05	0.038	0.5	0.041	0.02	0.02
Roof	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	158.0125	60.0	58.6	CW	E	1.02	PB	0.056	0.052	0.068	0.5	0.059	0.03	0.03
Roof	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	165.0125	60.0	59.0	CW	E	1.01	PB	0.026	0.012	0.025	0.5	0.021	0.01	0.01
Roof	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	173.0125	60.0	59.3	CW	E	1.01	PB	0.025	0.033	0.063	0.5	0.040	0.02	0.02
Roof	HAD4022A, 5/8 Wave (132-174MHz)	5.15	136.0000	60.0	58.4	CW	E	1.03	PB	0.086	0.044	0.027	0.5	0.052	0.03	0.03
Roof	HAD4022A, 5/8 Wave (132-174MHz)	5.15	144.0000	60.0	58.4	CW	E	1.02	PB	0.091	0.085	0.057	0.5	0.078	0.04	0.04
Roof	HAD4022A, 5/8 Wave (132-174MHz)	5.15	150.8000	60.0	58.6	CW	E	1.02	PB	0.078	0.079	0.067	0.5	0.075	0.04	0.04
Roof	HAD4022A, 5/8 Wave (132-174MHz)	5.15	158.0125	60.0	58.6	CW	E	1.02	PB	0.102	0.123	0.124	0.5	0.116	0.06	0.06
Roof	HAD4022A, 5/8 Wave (132-174MHz)	5.15	165.0125	60.0	59.0	CW	E	1.01	PB	0.097	0.072	0.084	0.5	0.084	0.04	0.04
Roof	HAD4022A, 5/8 Wave (132-174MHz)	5.15	173.0125	60.0	59.3	CW	E	1.01	PB	0.104	0.112	0.061	0.5	0.092	0.05	0.05
Roof	HAD4016A, 1/4 Wave (136-162MHz)	2.15	136.0000	60.0	58.4	CW	E	1.03	PB	0.417	0.269	0.143	0.5	0.276	0.14	0.15
Roof	HAD4016A, 1/4 Wave (136-162MHz)	2.15	144.0000	60.0	58.4	CW	E	1.02	PB	0.216	0.209	0.208	0.5	0.211	0.11	0.11
Roof	HAD4016A, 1/4 Wave (136-162MHz)	2.15	150.8000	60.0	58.6	CW	E	1.02	PB	0.259	0.193	0.212	0.5	0.221	0.11	0.12
Roof	HAD4016A, 1/4 Wave (136-162MHz)	2.15	156.4000	60.0	58.7	CW	E	1.02	PB	0.253	0.218	0.27	0.5	0.247	0.13	0.13
Roof	HAD4016A, 1/4 Wave (136-162MHz)	2.15	162.0000	60.0	59.0	CW	E	1.02	PB	0.194	0.173	0.176	0.5	0.181	0.09	0.09
Roof	HAD4017A, 1/4 Wave (146-174MHz)	2.15	146.0000	60.0	58.3	CW	E	1.02	PB	0.189	0.195	0.144	0.5	0.176	0.09	0.09
Roof	HAD4017A, 1/4 Wave (146-174MHz)	2.15	150.8000	60.0	58.6	CW	E	1.02	PB	0.24	0.163	0.169	0.5	0.191	0.10	0.10

MPE calculations are defined in section 14.0.

Table H.2 (Continued)
VHF Band - MPE measurement data for Passenger

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurement			DUT Max. TX Factor	Avg. over Body (mW/ cm2)	Calc. P.D. (mW/ cm2)	Max Calc. P.D. (mW/ cm2)
							Passenger Positions									
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		Head/ Top 1/3	Chest/ Middle 1/3	Lower Trunk/ Bottom 1/3				
Roof	HAD4017A, 1/4 Wave (146-174MHz)	2.15	158.0125	60.0	58.6	CW	E	1.02	PB	0.153	0.221	0.18	0.5	0.185	0.09	0.10
Roof	HAD4017A, 1/4 Wave (146-174MHz)	2.15	165.0125	60.0	59.0	CW	E	1.01	PB	0.144	0.111	0.188	0.5	0.148	0.07	0.08
Roof	HAD4017A, 1/4 Wave (146-174MHz)	2.15	173.0125	60.0	59.3	CW	E	1.01	PB	0.155	0.04	0.079	0.5	0.091	0.05	0.05
Roof	HAD4021A, 1/4 Wave (136-174MHz)	2.15	136.0000	60.0	58.4	CW	E	1.03	PB	0.452	0.219	0.129	0.5	0.267	0.14	0.14
Roof	HAD4021A, 1/4 Wave (136-174MHz)	2.15	144.0000	60.0	58.4	CW	E	1.02	PB	0.415	0.212	0.17	0.5	0.266	0.14	0.14
Roof	HAD4021A, 1/4 Wave (136-174MHz)	2.15	150.8000	60.0	58.6	CW	E	1.02	PB	0.207	0.112	0.152	0.5	0.157	0.08	0.08
Roof	HAD4021A, 1/4 Wave (136-174MHz)	2.15	158.0125	60.0	58.6	CW	E	1.02	PB	0.312	0.304	0.18	0.5	0.265	0.14	0.14
Roof	HAD4021A, 1/4 Wave (136-174MHz)	2.15	165.0125	60.0	59.0	CW	E	1.01	PB	0.093	0.145	0.12	0.5	0.119	0.06	0.06
Roof	HAD4021A, 1/4 Wave (136-174MHz)	2.15	173.0125	60.0	59.3	CW	E	1.01	PB	0.116	0.054	0.042	0.5	0.071	0.04	0.04
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	136.0000	60.0	58.4	CW	E	1.03	PF	0.041	0.042	0.028	0.5	0.037	0.02	0.02
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	146.0000	60.0	58.3	CW	E	1.02	PF	0.049	0.103	0.055	0.5	0.069	0.04	0.04
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	150.8000	60.0	58.6	CW	E	1.02	PF	0.046	0.077	0.069	0.5	0.064	0.03	0.03
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	158.0125	60.0	58.6	CW	E	1.02	PF	0.059	0.074	0.129	0.5	0.087	0.04	0.05
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	165.0125	60.0	59.0	CW	E	1.01	PF	0.093	0.114	0.088	0.5	0.098	0.05	0.05
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	173.0125	60.0	59.3	CW	E	1.01	PF	0.043	0.068	0.056	0.5	0.056	0.03	0.03
Roof	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	136.0000	60.0	58.4	CW	E	1.03	PF	0.006	0.006	0.012	0.5	0.008	0.00	0.00
Roof	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	146.0000	60.0	58.3	CW	E	1.02	PF	0.004	0.004	0.007	0.5	0.005	0.00	0.00

MPE calculations are defined in section 14.0.

Table H.2 (Continued)
VHF Band - MPE measurement data for Passenger

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurement			DUT Max. TX Factor	Avg. over Body (mW/ cm2)	Calc. P.D. (mW/ cm2)	Max Calc. P.D. (mW/ cm2)
							Passenger Positions									
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		Head/ Top 1/3	Chest/ Middle 1/3	Lower Trunk/ Bottom 1/3				
Roof	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	150.8000	60.0	58.6	CW	E	1.02	PF	0.009	0.01	0.011	0.5	0.010	0.01	0.01
Roof	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	158.0125	60.0	58.6	CW	E	1.02	PF	0.005	0.006	0.003	0.5	0.005	0.00	0.00
Roof	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	165.0125	60.0	59.0	CW	E	1.01	PF	0.018	0.01	0.007	0.5	0.012	0.01	0.01
Roof	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	173.0125	60.0	59.3	CW	E	1.01	PF	0.017	0.013	0.01	0.5	0.013	0.01	0.01
Roof	HAD4022A, 5/8 Wave (132-174MHz)	5.15	136.0000	60.0	58.4	CW	E	1.03	PF	0.01	0.022	0.007	0.5	0.013	0.01	0.01
Roof	HAD4022A, 5/8 Wave (132-174MHz)	5.15	144.0000	60.0	58.4	CW	E	1.02	PF	0.017	0.015	0.017	0.5	0.016	0.01	0.01
Roof	HAD4022A, 5/8 Wave (132-174MHz)	5.15	150.8000	60.0	58.6	CW	E	1.02	PF	0.014	0.013	0.006	0.5	0.011	0.01	0.01
Roof	HAD4022A, 5/8 Wave (132-174MHz)	5.15	158.0125	60.0	58.6	CW	E	1.02	PF	0.017	0.028	0.029	0.5	0.025	0.01	0.01
Roof	HAD4022A, 5/8 Wave (132-174MHz)	5.15	165.0125	60.0	59.0	CW	E	1.01	PF	0.039	0.063	0.029	0.5	0.044	0.02	0.02
Roof	HAD4022A, 5/8 Wave (132-174MHz)	5.15	173.0125	60.0	59.3	CW	E	1.01	PF	0.02	0.023	0.028	0.5	0.024	0.01	0.01
Roof	HAD4016A, 1/4 Wave (136-162MHz)	2.15	136.0000	60.0	58.4	CW	E	1.03	PF	0.033	0.043	0.049	0.5	0.042	0.02	0.02
Roof	HAD4016A, 1/4 Wave (136-162MHz)	2.15	144.0000	60.0	58.4	CW	E	1.02	PF	0.051	0.051	0.177	0.5	0.093	0.05	0.05
Roof	HAD4016A, 1/4 Wave (136-162MHz)	2.15	150.8000	60.0	58.6	CW	E	1.02	PF	0.048	0.107	0.078	0.5	0.078	0.04	0.04
Roof	HAD4016A, 1/4 Wave (136-162MHz)	2.15	156.4000	60.0	58.7	CW	E	1.02	PF	0.064	0.12	0.133	0.5	0.106	0.05	0.06
Roof	HAD4016A, 1/4 Wave (136-162MHz)	2.15	162.0000	60.0	59.0	CW	E	1.02	PF	0.071	0.133	0.08	0.5	0.095	0.05	0.05
Roof	HAD4017A, 1/4 Wave (146-174MHz)	2.15	146.0000	60.0	58.3	CW	E	1.02	PF	0.033	0.072	0.058	0.5	0.054	0.03	0.03
Roof	HAD4017A, 1/4 Wave (146-174MHz)	2.15	150.8000	60.0	58.6	CW	E	1.02	PF	0.029	0.035	0.058	0.5	0.041	0.02	0.02

MPE calculations are defined in section 14.0.

Table H.2 (Continued)
VHF Band - MPE measurement data for Passenger

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurement			DUT Max. TX Factor	Avg. over Body (mW/ cm2)	Calc. P.D. (mW/ cm2)	Max Calc. P.D. (mW/ cm2)
							Passenger Positions									
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		Head/ Top 1/3	Chest/ Middle 1/3	Lower Trunk/ Bottom 1/3				
Roof	HAD4017A, 1/4 Wave (146-174MHz)	2.15	158.0125	60.0	58.6	CW	E	1.02	PF	0.069	0.101	0.132	0.5	0.101	0.05	0.05
Roof	HAD4017A, 1/4 Wave (146-174MHz)	2.15	165.0125	60.0	59.0	CW	E	1.01	PF	0.095	0.168	0.091	0.5	0.118	0.06	0.06
Roof	HAD4017A, 1/4 Wave (146-174MHz)	2.15	173.0125	60.0	59.3	CW	E	1.01	PF	0.056	0.081	0.054	0.5	0.064	0.03	0.03
Roof	HAD4021A, 1/4 Wave (136-174MHz)	2.15	136.0000	60.0	58.4	CW	E	1.03	PF	0.045	0.085	0.046	0.5	0.059	0.03	0.03
Roof	HAD4021A, 1/4 Wave (136-174MHz)	2.15	144.0000	60.0	58.4	CW	E	1.02	PF	0.06	0.124	0.06	0.5	0.081	0.04	0.04
Roof	HAD4021A, 1/4 Wave (136-174MHz)	2.15	150.8000	60.0	58.6	CW	E	1.02	PF	0.041	0.097	0.113	0.5	0.084	0.04	0.04
Roof	HAD4021A, 1/4 Wave (136-174MHz)	2.15	158.0125	60.0	58.6	CW	E	1.02	PF	0.065	0.064	0.075	0.5	0.068	0.03	0.04
Roof	HAD4021A, 1/4 Wave (136-174MHz)	2.15	165.0125	60.0	59.0	CW	E	1.01	PF	0.064	0.098	0.096	0.5	0.086	0.04	0.04
Roof	HAD4021A, 1/4 Wave (136-174MHz)	2.15	173.0125	60.0	59.3	CW	E	1.01	PF	0.038	0.039	0.031	0.5	0.036	0.02	0.02
Trunk	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	136.0000	60.0	58.4	CW	H	0.88	PB	0.077	0.060	0.051	0.5	0.063	0.06	0.06
Trunk	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	146.0000	60.0	58.3	CW	H	0.87	PB	0.067	0.055	0.041	0.5	0.054	0.04	0.04
Trunk	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	150.8000	60.0	58.6	CW	H	0.87	PB	0.065	0.05	0.078	0.5	0.064	0.06	0.06
Trunk	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	158.0125	60.0	58.6	CW	H	0.86	PB	0.079	0.096	0.092	0.5	0.089	0.11	0.11
Trunk	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	165.0125	60.0	59.0	CW	H	0.85	PB	0.066	0.091	0.097	0.5	0.085	0.10	0.10
Trunk	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	173.0125	60.0	59.3	CW	H	0.84	PB	0.084	0.091	0.096	0.5	0.090	0.11	0.11
Trunk	HAD4022A, 5/8 Wave (132-174MHz)	5.15	136.0000	60.0	58.4	CW	H	0.88	PB	0.117	0.097	0.092	0.5	0.102	0.15	0.16
Trunk	HAD4022A, 5/8 Wave (132-174MHz)	5.15	144.0000	60.0	58.4	CW	H	0.87	PB	0.106	0.101	0.082	0.5	0.096	0.13	0.14

MPE calculations are defined in section 14.0.

Table H.2 (Continued)
VHF Band - MPE measurement data for Passenger

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurement			DUT Max. TX Factor	Avg. over Body (mW/ cm2)	Calc. P.D. (mW/ cm2)	Max Calc. P.D. (mW/ cm2)
							Passenger Positions									
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		Head/ Top 1/3	Chest/ Middle 1/3	Lower Trunk/ Bottom 1/3				
Trunk	HAD4022A, 5/8 Wave (132-174MHz)	5.15	150.8000	60.0	58.6	CW	H	0.87	PB	0.104	0.105	0.097	0.5	0.102	0.15	0.15
Trunk	HAD4022A, 5/8 Wave (132-174MHz)	5.15	158.0125	60.0	58.6	CW	H	0.86	PB	0.112	0.145	0.141	0.5	0.133	0.25	0.25
Trunk	HAD4022A, 5/8 Wave (132-174MHz)	5.15	165.0125	60.0	59.0	CW	H	0.85	PB	0.117	0.151	0.163	0.5	0.144	0.28	0.29
Trunk	HAD4022A, 5/8 Wave (132-174MHz)	5.15	173.0125	60.0	59.3	CW	H	0.84	PB	0.124	0.129	0.139	0.5	0.131	0.23	0.23
Trunk	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	136.0000	60.0	58.4	CW	H	0.88	PF	0.033	0.027	0.014	0.5	0.025	0.01	0.01
Trunk	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	146.0000	60.0	58.3	CW	H	0.87	PF	0.020	0.019	0.022	0.5	0.020	0.01	0.01
Trunk	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	150.8000	60.0	58.6	CW	H	0.87	PF	0.02	0.018	0.017	0.5	0.018	0.00	0.00
Trunk	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	158.0125	60.0	58.6	CW	H	0.86	PF	0.036	0.03	0.036	0.5	0.034	0.02	0.02
Trunk	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	165.0125	60.0	59.0	CW	H	0.85	PF	0.032	0.031	0.053	0.5	0.039	0.02	0.02
Trunk	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	173.0125	60.0	59.3	CW	H	0.84	PF	0.053	0.058	0.083	0.5	0.065	0.06	0.06
Trunk	HAD4022A, 5/8 Wave (132-174MHz)	5.15	136.0000	60.0	58.4	CW	H	0.88	PF	0.064	0.056	0.033	0.5	0.051	0.04	0.04
Trunk	HAD4022A, 5/8 Wave (132-174MHz)	5.15	144.0000	60.0	58.4	CW	H	0.87	PF	0.046	0.039	0.033	0.5	0.039	0.02	0.02
Trunk	HAD4022A, 5/8 Wave (132-174MHz)	5.15	150.8000	60.0	58.6	CW	H	0.87	PF	0.045	0.05	0.038	0.5	0.044	0.03	0.03
Trunk	HAD4022A, 5/8 Wave (132-174MHz)	5.15	158.0125	60.0	58.6	CW	H	0.86	PF	0.07	0.065	0.055	0.5	0.063	0.06	0.06
Trunk	HAD4022A, 5/8 Wave (132-174MHz)	5.15	165.0125	60.0	59.0	CW	H	0.85	PF	0.055	0.071	0.086	0.5	0.071	0.07	0.07
Trunk	HAD4022A, 5/8 Wave (132-174MHz)	5.15	173.0125	60.0	59.3	CW	H	0.84	PF	0.067	0.077	0.089	0.5	0.078	0.08	0.08
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	136.0000	60.0	58.4	CW	H	0.88	PB	0.117	0.097	0.085	0.5	0.100	0.14	0.15

MPE calculations are defined in section 14.0.

Table H.2 (Continued)
VHF Band - MPE measurement data for Passenger

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurement			DUT Max. TX Factor	Avg. over Body (mW/ cm2)	Calc. P.D. (mW/ cm2)	Max Calc. P.D. (mW/ cm2)
										Passenger Positions						
										Head/ Top 1/3	Chest/ Middle 1/3	Lower Trunk/ Bottom 1/3				
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								
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	146.0000	60.0	58.3	CW	H	0.87	PB	0.085	0.083	0.080	0.5	0.083	0.10	0.10
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	150.8000	60.0	58.6	CW	H	0.87	PB	0.105	0.085	0.077	0.5	0.089	0.11	0.12
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	158.0125	60.0	58.6	CW	H	0.86	PB	0.084	0.101	0.094	0.5	0.093	0.12	0.12
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	165.0125	60.0	59.0	CW	H	0.85	PB	0.051	0.063	0.079	0.5	0.064	0.06	0.06
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	173.0125	60.0	59.3	CW	H	0.84	PB	0.062	0.032	0.024	0.5	0.039	0.02	0.02
Roof	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	136.0000	60.0	58.4	CW	H	0.88	PB	0.027	0.026	0.023	0.5	0.025	0.01	0.01
Roof	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	146.0000	60.0	58.3	CW	H	0.87	PB	0.029	0.033	0.031	0.5	0.031	0.01	0.01
Roof	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	150.8000	60.0	58.6	CW	H	0.87	PB	0.019	0.027	0.024	0.5	0.023	0.01	0.01
Roof	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	158.0125	60.0	58.6	CW	H	0.86	PB	0.033	0.037	0.033	0.5	0.034	0.02	0.02
Roof	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	165.0125	60.0	59.0	CW	H	0.85	PB	0.022	0.022	0.025	0.5	0.023	0.01	0.01
Roof	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	173.0125	60.0	59.3	CW	H	0.84	PB	0.035	0.027	0.026	0.5	0.029	0.01	0.01
Roof	HAD4022A, 5/8 Wave (132-174MHz)	5.15	136.0000	60.0	58.4	CW	H	0.88	PB	0.046	0.04	0.033	0.5	0.040	0.02	0.02
Roof	HAD4022A, 5/8 Wave (132-174MHz)	5.15	144.0000	60.0	58.4	CW	H	0.87	PB	0.043	0.04	0.037	0.5	0.040	0.02	0.02
Roof	HAD4022A, 5/8 Wave (132-174MHz)	5.15	150.8000	60.0	58.6	CW	H	0.87	PB	0.037	0.034	0.037	0.5	0.036	0.02	0.02
Roof	HAD4022A, 5/8 Wave (132-174MHz)	5.15	158.0125	60.0	58.6	CW	H	0.86	PB	0.054	0.061	0.054	0.5	0.056	0.04	0.05
Roof	HAD4022A, 5/8 Wave (132-174MHz)	5.15	165.0125	60.0	59.0	CW	H	0.85	PB	0.046	0.044	0.05	0.5	0.047	0.03	0.03
Roof	HAD4022A, 5/8 Wave (132-174MHz)	5.15	173.0125	60.0	59.3	CW	H	0.84	PB	0.046	0.034	0.028	0.5	0.036	0.02	0.02

MPE calculations are defined in section 14.0.

Table H.2 (Continued)
VHF Band - MPE measurement data for Passenger

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurement			DUT Max. TX Factor	Avg. over Body (mW/ cm2)	Calc. P.D. (mW/ cm2)	Max Calc. P.D. (mW/ cm2)	
										Passenger Positions							
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		Head/ Top 1/3	Chest/ Middle 1/3	Lower Trunk/ Bottom 1/3					
Roof	HAD4016A, 1/4 Wave (136-162MHz)	2.15	136.0000	60.0	58.4	CW	H	0.88	PB	0.124	0.107	0.088	0.5	0.106	0.17	0.17	
Roof	HAD4016A, 1/4 Wave (136-162MHz)	2.15	144.0000	60.0	58.4	CW	H	0.87	PB	0.083	0.096	0.084	0.5	0.088	0.11	0.11	
Roof	HAD4016A, 1/4 Wave (136-162MHz)	2.15	150.8000	60.0	58.6	CW	H	0.87	PB	0.084	0.087	0.076	0.5	0.082	0.10	0.10	
Roof	HAD4016A, 1/4 Wave (136-162MHz)	2.15	156.4000	60.0	58.7	CW	H	0.86	PB	0.087	0.096	0.096	0.5	0.093	0.12	0.12	
Roof	HAD4016A, 1/4 Wave (136-162MHz)	2.15	162.0000	60.0	59.0	CW	H	0.86	PB	0.078	0.087	0.085	0.5	0.083	0.10	0.10	
Roof	HAD4017A, 1/4 Wave (146-174MHz)	2.15	146.0000	60.0	58.3	CW	H	0.87	PB	0.077	0.079	0.07	0.5	0.075	0.08	0.08	
Roof	HAD4017A, 1/4 Wave (146-174MHz)	2.15	150.8000	60.0	58.6	CW	H	0.87	PB	0.074	0.074	0.066	0.5	0.071	0.07	0.07	
Roof	HAD4017A, 1/4 Wave (146-174MHz)	2.15	158.0125	60.0	58.6	CW	H	0.86	PB	0.089	0.096	0.095	0.5	0.093	0.12	0.12	
Roof	HAD4017A, 1/4 Wave (146-174MHz)	2.15	165.0125	60.0	59.0	CW	H	0.85	PB	0.071	0.083	0.084	0.5	0.079	0.09	0.09	
Roof	HAD4017A, 1/4 Wave (146-174MHz)	2.15	173.0125	60.0	59.3	CW	H	0.84	PB	0.059	0.035	0.027	0.5	0.040	0.02	0.02	
Roof	HAD4021A, 1/4 Wave (136-174MHz)	2.15	136.0000	60.0	58.4	CW	H	0.88	PB	0.122	0.1	0.077	0.5	0.100	0.14	0.15	
Roof	HAD4021A, 1/4 Wave (136-174MHz)	2.15	144.0000	60.0	58.4	CW	H	0.87	PB	0.099	0.095	0.08	0.5	0.091	0.12	0.12	
Roof	HAD4021A, 1/4 Wave (136-174MHz)	2.15	150.8000	60.0	58.6	CW	H	0.87	PB	0.076	0.08	0.073	0.5	0.076	0.08	0.09	
Roof	HAD4021A, 1/4 Wave (136-174MHz)	2.15	158.0125	60.0	58.6	CW	H	0.86	PB	0.079	0.095	0.093	0.5	0.089	0.11	0.11	
Roof	HAD4021A, 1/4 Wave (136-174MHz)	2.15	165.0125	60.0	59.0	CW	H	0.85	PB	0.066	0.076	0.08	0.5	0.074	0.07	0.08	
Roof	HAD4021A, 1/4 Wave (136-174MHz)	2.15	173.0125	60.0	59.3	CW	H	0.84	PB	0.052	0.026	0.023	0.5	0.034	0.02	0.02	
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	136.0000	60.0	58.4	CW	H	0.88	PF	0.065	0.068	0.035	0.5	0.056	0.05	0.05	

MPE calculations are defined in section 14.0.

Table H.2 (Continued)
VHF Band - MPE measurement data for Passenger

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurement			DUT Max. TX Factor	Avg. over Body (mW/ cm2)	Calc. P.D. (mW/ cm2)	Max Calc. P.D. (mW/ cm2)
							Passenger Positions									
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		Head/ Top 1/3	Chest/ Middle 1/3	Lower Trunk/ Bottom 1/3				
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	146.0000	60.0	58.3	CW	H	0.87	PF	0.069	0.061	0.060	0.5	0.063	0.06	0.06
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	150.8000	60.0	58.6	CW	H	0.87	PF	0.066	0.052	0.045	0.5	0.054	0.04	0.04
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	158.0125	60.0	58.6	CW	H	0.86	PF	0.069	0.068	0.059	0.5	0.065	0.06	0.06
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	165.0125	60.0	59.0	CW	H	0.85	PF	0.071	0.07	0.061	0.5	0.067	0.06	0.06
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	173.0125	60.0	59.3	CW	H	0.84	PF	0.052	0.049	0.036	0.5	0.046	0.03	0.03
Roof	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	136.0000	60.0	58.4	CW	H	0.88	PF	0.034	0.022	0.018	0.5	0.025	0.01	0.01
Roof	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	146.0000	60.0	58.3	CW	H	0.87	PF	0.020	0.014	0.011	0.5	0.017	0.00	0.00
Roof	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	150.8000	60.0	58.6	CW	H	0.87	PF	0.026	0.017	0.014	0.5	0.019	0.01	0.01
Roof	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	158.0125	60.0	58.6	CW	H	0.86	PF	0.018	0.016	0.013	0.5	0.016	0.00	0.00
Roof	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	165.0125	60.0	59.0	CW	H	0.85	PF	0.025	0.02	0.017	0.5	0.021	0.01	0.01
Roof	RAD4010ARB, 1/2 Wave (136-174MHz)	5.15	173.0125	60.0	59.3	CW	H	0.84	PF	0.029	0.026	0.018	0.5	0.024	0.01	0.01
Roof	HAD4022A, 5/8 Wave (132-174MHz)	5.15	136.0000	60.0	58.4	CW	H	0.88	PF	0.034	0.027	0.023	0.5	0.028	0.01	0.01
Roof	HAD4022A, 5/8 Wave (132-174MHz)	5.15	144.0000	60.0	58.4	CW	H	0.87	PF	0.023	0.024	0.019	0.5	0.022	0.01	0.01
Roof	HAD4022A, 5/8 Wave (132-174MHz)	5.15	150.8000	60.0	58.6	CW	H	0.87	PF	0.033	0.021	0.016	0.5	0.023	0.01	0.01
Roof	HAD4022A, 5/8 Wave (132-174MHz)	5.15	158.0125	60.0	58.6	CW	H	0.86	PF	0.041	0.037	0.022	0.5	0.033	0.02	0.02
Roof	HAD4022A, 5/8 Wave (132-174MHz)	5.15	165.0125	60.0	59.0	CW	H	0.85	PF	0.05	0.049	0.03	0.5	0.043	0.03	0.03
Roof	HAD4022A, 5/8 Wave (132-174MHz)	5.15	173.0125	60.0	59.3	CW	H	0.84	PF	0.045	0.034	0.028	0.5	0.036	0.02	0.02

MPE calculations are defined in section 14.0.

Table H.2 (Continued)
VHF Band - MPE measurement data for Passenger

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurement			DUT Max. TX Factor	Avg. over Body (mW/ cm2)	Calc. P.D. (mW/ cm2)	Max Calc. P.D. (mW/ cm2)
							Passenger Positions									
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		Head/ Top 1/3	Chest/ Middle 1/3	Lower Trunk/ Bottom 1/3				
Roof	HAD4016A, 1/4 Wave (136-162MHz)	2.15	136.0000	60.0	58.4	CW	H	0.88	PF	0.07	0.058	0.035	0.5	0.054	0.04	0.04
Roof	HAD4016A, 1/4 Wave (136-162MHz)	2.15	144.0000	60.0	58.4	CW	H	0.87	PF	0.067	0.065	0.038	0.5	0.057	0.05	0.05
Roof	HAD4016A, 1/4 Wave (136-162MHz)	2.15	150.8000	60.0	58.6	CW	H	0.87	PF	0.074	0.058	0.055	0.5	0.062	0.06	0.06
Roof	HAD4016A, 1/4 Wave (136-162MHz)	2.15	156.4000	60.0	58.7	CW	H	0.86	PF	0.072	0.056	0.053	0.5	0.060	0.05	0.05
Roof	HAD4016A, 1/4 Wave (136-162MHz)	2.15	162.0000	60.0	59.0	CW	H	0.86	PF	0.082	0.074	0.045	0.5	0.067	0.06	0.06
Roof	HAD4017A, 1/4 Wave (146-174MHz)	2.15	146.0000	60.0	58.3	CW	H	0.87	PF	0.062	0.055	0.036	0.5	0.051	0.04	0.04
Roof	HAD4017A, 1/4 Wave (146-174MHz)	2.15	150.8000	60.0	58.6	CW	H	0.87	PF	0.053	0.048	0.047	0.5	0.049	0.03	0.04
Roof	HAD4017A, 1/4 Wave (146-174MHz)	2.15	158.0125	60.0	58.6	CW	H	0.86	PF	0.065	0.064	0.055	0.5	0.061	0.05	0.05
Roof	HAD4017A, 1/4 Wave (146-174MHz)	2.15	165.0125	60.0	59.0	CW	H	0.85	PF	0.088	0.087	0.061	0.5	0.079	0.08	0.09
Roof	HAD4017A, 1/4 Wave (146-174MHz)	2.15	173.0125	60.0	59.3	CW	H	0.84	PF	0.076	0.07	0.044	0.5	0.063	0.05	0.05
Roof	HAD4021A, 1/4 Wave (136-174MHz)	2.15	136.0000	60.0	58.4	CW	H	0.88	PF	0.065	0.063	0.036	0.5	0.055	0.04	0.04
Roof	HAD4021A, 1/4 Wave (136-174MHz)	2.15	144.0000	60.0	58.4	CW	H	0.87	PF	0.064	0.063	0.041	0.5	0.056	0.04	0.05
Roof	HAD4021A, 1/4 Wave (136-174MHz)	2.15	150.8000	60.0	58.6	CW	H	0.87	PF	0.065	0.097	0.047	0.5	0.070	0.07	0.07
Roof	HAD4021A, 1/4 Wave (136-174MHz)	2.15	158.0125	60.0	58.6	CW	H	0.86	PF	0.073	0.061	0.06	0.5	0.065	0.06	0.06
Roof	HAD4021A, 1/4 Wave (136-174MHz)	2.15	165.0125	60.0	59.0	CW	H	0.85	PF	0.066	0.06	0.047	0.5	0.058	0.05	0.05
Roof	HAD4021A, 1/4 Wave (136-174MHz)	2.15	173.0125	60.0	59.3	CW	H	0.84	PF	0.056	0.055	0.038	0.5	0.050	0.03	0.03

MPE calculations are defined in section 14.0.

Appendix I – MPE Measurement Results for LMR UHF1

Table I.1
UHF R1 Band - MPE measurement data for Bystander

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurement										DUT Max. TX Factor	Avg. over Body (mW/cm2)	Calc. P.D. (mW/cm2)	Max Calc. P.D. (mW/cm2)
										Bystander (BS) Positions													
										20 cm	40 cm	60 cm	80 cm	100 cm	120 cm	140 cm	160 cm	180 cm	200 cm				
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															
Trunk	AN000131A01, 1/4 wave (136-870MHz)	2.15	380.0125	54.0	52.9	CW	E	0.98	BS	0.201	0.153	0.178	0.249	0.211	0.158	0.177	0.299	0.445	0.502	0.5	0.257	0.13	0.13
Trunk	AN000131A01, 1/4 wave (136-870MHz)	2.15	393.0125	54.0	53.1	CW	E	0.98	BS	0.198	0.152	0.188	0.289	0.254	0.252	0.313	0.318	0.488	0.519	0.5	0.297	0.15	0.15
Trunk	AN000131A01, 1/4 wave (136-870MHz)	2.15	406.5000	54.0	53.4	CW	E	0.99	BS	0.2	0.155	0.236	0.215	0.187	0.228	0.331	0.471	0.569	0.58	0.5	0.317	0.16	0.16
Trunk	AN000131A01, 1/4 wave (136-870MHz)	2.15	422.0125	54.0	53.5	CW	E	1.00	BS	0.164	0.112	0.168	0.141	0.171	0.204	0.344	0.543	0.635	0.586	0.5	0.307	0.15	0.15
Trunk	AN000131A01, 1/4 wave (136-870MHz)	2.15	438.0125	54.0	53.0	CW	E	1.01	BS	0.136	0.069	0.136	0.13	0.204	0.195	0.247	0.317	0.431	0.45	0.5	0.232	0.12	0.12
Trunk	AN000131A01, 1/4 wave (136-870MHz)	2.15	450.0125	54.0	53.2	CW	E	1.02	BS	0.148	0.097	0.169	0.149	0.285	0.303	0.334	0.41	0.477	0.428	0.5	0.280	0.14	0.14
Trunk	AN000131A01, 1/4 wave (136-870MHz)	2.15	469.9875	54.0	53.3	CW	E	1.04	BS	0.091	0.055	0.146	0.175	0.267	0.269	0.341	0.371	0.421	0.329	0.5	0.247	0.13	0.13
Trunk	HAE6010A, 1/2 Wave (380-433MHz)	5.65	380.0125	54.0	52.9	CW	E	0.98	BS	0.181	0.136	0.156	0.254	0.238	0.163	0.127	0.238	0.369	0.423	0.5	0.229	0.11	0.11
Trunk	HAE6010A, 1/2 Wave (380-433MHz)	5.65	393.0125	54.0	53.1	CW	E	0.98	BS	0.215	0.18	0.276	0.353	0.264	0.193	0.197	0.352	0.513	0.536	0.5	0.308	0.15	0.15
Trunk	HAE6010A, 1/2 Wave (380-433MHz)	5.65	406.5000	54.0	53.4	CW	E	0.99	BS	0.208	0.17	0.251	0.235	0.184	0.14	0.198	0.373	0.593	0.606	0.5	0.296	0.15	0.15
Trunk	HAE6010A, 1/2 Wave (380-433MHz)	5.65	419.5000	54.0	53.5	CW	E	1.00	BS	0.179	0.128	0.18	0.183	0.182	0.105	0.194	0.481	0.67	0.655	0.5	0.296	0.15	0.15
Trunk	HAE6010A, 1/2 Wave (380-433MHz)	5.65	432.9875	54.0	53.1	CW	E	1.01	BS	0.124	0.064	0.127	0.105	0.135	0.084	0.085	0.198	0.41	0.415	0.5	0.175	0.09	0.09
Trunk	HAE6011A, 5/8 Wave (380-433MHz)	7.15	380.0125	54.0	52.9	CW	E	0.98	BS	0.019	0.014	0.019	0.031	0.157	0.428	0.599	0.484	0.192	0.088	0.5	0.203	0.10	0.10
Trunk	HAE6011A, 5/8 Wave (380-433MHz)	7.15	393.0125	54.0	53.1	CW	E	0.98	BS	0.046	0.048	0.061	0.075	0.234	0.573	0.82	0.613	0.233	0.091	0.5	0.279	0.14	0.14
Trunk	HAE6011A, 5/8 Wave (380-433MHz)	7.15	406.5000	54.0	53.4	CW	E	0.99	BS	0.042	0.034	0.042	0.05	0.154	0.406	0.57	0.457	0.166	0.08	0.5	0.200	0.10	0.10
Trunk	HAE6011A, 5/8 Wave (380-433MHz)	7.15	419.5000	54.0	53.5	CW	E	1.00	BS	0.039	0.026	0.034	0.032	0.128	0.354	0.532	0.384	0.139	0.088	0.5	0.176	0.09	0.09
Trunk	HAE6011A, 5/8 Wave (380-433MHz)	7.15	432.9875	54.0	53.1	CW	E	1.01	BS	0.024	0.011	0.019	0.017	0.042	0.152	0.25	0.182	0.065	0.034	0.5	0.080	0.04	0.04

MPE calculations are defined in section 14.0.

Table I.1 (Continued)
UHF R1 Band - MPE measurement data for Bystander

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurement										DUT Max. TX Factor	Avg. over Body (mW/cm2)	Calc. P.D. (mW/cm2)	Max Calc. P.D. (mW/cm2)
										Bystander (BS) Positions													
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		20 cm	40 cm	60 cm	80 cm	100 cm	120 cm	140 cm	160 cm	180 cm	200 cm				
Trunk	HAE6013A, 1/2 Wave (380-470MHz)	4.15	380.0125	54.0	52.9	CW	E	0.98	BS	0.105	0.085	0.131	0.264	0.387	0.502	0.461	0.348	0.223	0.138	0.5	0.264	0.13	0.13
Trunk	HAE6013A, 1/2 Wave (380-470MHz)	4.15	393.0125	54.0	53.1	CW	E	0.98	BS	0.121	0.129	0.185	0.284	0.364	0.531	0.565	0.508	0.367	0.237	0.5	0.329	0.16	0.16
Trunk	HAE6013A, 1/2 Wave (380-470MHz)	4.15	406.5000	54.0	53.4	CW	E	0.99	BS	0.128	0.114	0.156	0.216	0.317	0.463	0.524	0.404	0.295	0.22	0.5	0.284	0.14	0.14
Trunk	HAE6013A, 1/2 Wave (380-470MHz)	4.15	422.0125	54.0	53.5	CW	E	1.00	BS	0.101	0.073	0.128	0.172	0.268	0.39	0.399	0.34	0.207	0.132	0.5	0.221	0.11	0.11
Trunk	HAE6013A, 1/2 Wave (380-470MHz)	4.15	438.0125	54.0	53.0	CW	E	1.01	BS	0.109	0.054	0.122	0.137	0.305	0.471	0.3	0.2	0.143	0.083	0.5	0.192	0.10	0.10
Trunk	HAE6013A, 1/2 Wave (380-470MHz)	4.15	450.0125	54.0	53.2	CW	E	1.02	BS	0.102	0.063	0.128	0.17	0.362	0.498	0.515	0.39	0.209	0.106	0.5	0.254	0.13	0.13
Trunk	HAE6013A, 1/2 Wave (380-470MHz)	4.15	460.0000	54.0	53.1	CW	E	1.03	BS	0.061	0.032	0.076	0.112	0.274	0.407	0.377	0.279	0.14	0.056	0.5	0.181	0.09	0.10
Trunk	HAE6013A, 1/2 Wave (380-470MHz)	4.15	469.9875	54.0	53.3	CW	E	1.04	BS	0.061	0.039	0.124	0.189	0.389	0.509	0.528	0.357	0.177	0.084	0.5	0.246	0.13	0.13
Trunk	HAE6031A, 1/2 Wave (380-520MHz)	4.15	380.0125	54.0	52.9	CW	E	0.98	BS	0.135	0.108	0.159	0.294	0.481	0.613	0.577	0.428	0.279	0.18	0.5	0.325	0.16	0.16
Trunk	HAE6031A, 1/2 Wave (380-520MHz)	4.15	393.0125	54.0	53.1	CW	E	0.98	BS	0.127	0.134	0.193	0.292	0.382	0.53	0.527	0.525	0.385	0.243	0.5	0.334	0.16	0.17
Trunk	HAE6031A, 1/2 Wave (380-520MHz)	4.15	406.5000	54.0	53.4	CW	E	0.99	BS	0.146	0.124	0.18	0.26	0.368	0.543	0.591	0.464	0.338	0.248	0.5	0.326	0.16	0.16
Trunk	HAE6031A, 1/2 Wave (380-520MHz)	4.15	422.0125	54.0	53.5	CW	E	1.00	BS	0.102	0.076	0.141	0.178	0.29	0.383	0.426	0.37	0.254	0.156	0.5	0.238	0.12	0.12
Trunk	HAE6031A, 1/2 Wave (380-520MHz)	4.15	438.0125	54.0	53.0	CW	E	1.01	BS	0.107	0.056	0.115	0.131	0.283	0.439	0.445	0.284	0.15	0.099	0.5	0.211	0.11	0.11
Trunk	HAE6031A, 1/2 Wave (380-520MHz)	4.15	450.0125	54.0	53.2	CW	E	1.02	BS	0.123	0.068	0.154	0.188	0.434	0.567	0.577	0.459	0.257	0.119	0.5	0.295	0.15	0.15
Trunk	HAE6031A, 1/2 Wave (380-520MHz)	4.15	469.9875	54.0	53.3	CW	E	1.04	BS	0.064	0.049	0.133	0.206	0.416	0.542	0.564	0.387	0.214	0.096	0.5	0.267	0.14	0.14

MPE calculations are defined in section 14.0.

Table I.1 (Continued)
UHF R1 Band - MPE measurement data for Bystander

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurement										DUT Max. TX Factor	Avg. over Body (mW/cm2)	Calc. P.D. (mW/cm2)	Max Calc. P.D. (mW/cm2)
										Bystander (BS) Positions													
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		20 cm	40 cm	60 cm	80 cm	100 cm	120 cm	140 cm	160 cm	180 cm	200 cm				
Trunk	RAE4014ARB, 5/8 Wave (445-470MHz)	7.15	450.0125	54.0	53.2	CW	E	1.02	BS	0.035	0.02	0.027	0.017	0.066	0.218	0.36	0.297	0.091	0.036	0.5	0.117	0.06	0.06
Trunk	RAE4014ARB, 5/8 Wave (445-470MHz)	7.15	460.0000	54.0	53.1	CW	E	1.03	BS	0.025	0.013	0.021	0.016	0.078	0.256	0.406	0.323	0.091	0.032	0.5	0.126	0.06	0.07
Trunk	RAE4014ARB, 5/8 Wave (445-470MHz)	7.15	469.9875	54.0	53.3	CW	E	1.04	BS	0.025	0.014	0.035	0.037	0.133	0.39	0.574	0.526	0.241	0.082	0.5	0.206	0.11	0.11
Trunk	HAE4011A, 1/2 Wave (450-470MHz)	5.65	450.0125	54.0	53.2	CW	E	1.02	BS	0.013	0.013	0.025	0.075	0.248	0.615	0.715	0.429	0.109	0.063	0.5	0.231	0.12	0.12
Trunk	HAE4011A, 1/2 Wave (450-470MHz)	5.65	460.0000	54.0	53.1	CW	E	1.03	BS	0.01	0.007	0.017	0.042	0.182	0.442	0.491	0.295	0.079	0.051	0.5	0.162	0.08	0.08
Trunk	HAE4011A, 1/2 Wave (450-470MHz)	5.65	469.9875	54.0	53.3	CW	E	1.04	BS	0.01	0.011	0.027	0.051	0.183	0.428	0.539	0.324	0.101	0.071	0.5	0.175	0.09	0.09
Trunk	HAE6015A, 1/2 Wave (450-520MHz)	4.15	450.0125	54.0	53.2	CW	E	1.02	BS	0.116	0.07	0.151	0.187	0.417	0.569	0.587	0.458	0.271	0.136	0.5	0.296	0.15	0.15
Trunk	HAE6015A, 1/2 Wave (450-520MHz)	4.15	460.0000	54.0	53.1	CW	E	1.03	BS	0.049	0.047	0.116	0.164	0.406	0.565	0.568	0.464	0.248	0.107	0.5	0.273	0.14	0.14
Trunk	HAE6015A, 1/2 Wave (450-520MHz)	4.15	469.9875	54.0	53.3	CW	E	1.04	BS	0.069	0.051	0.138	0.225	0.426	0.576	0.608	0.446	0.238	0.109	0.5	0.289	0.15	0.15
45 Degree																							
Trunk	HAE6031A, 1/2 Wave (380-520MHz)	4.15	406.5000	54	53.4	CW	E	0.99	BS	0.056	0.024	0.125	0.3	0.635	0.771	0.798	0.663	0.423	0.25	0.5	0.405	0.20	0.20
90 Degree																							
Trunk	HAE6031A, 1/2 Wave (380-520MHz)	4.15	406.5000	54	53.4	CW	E	0.99	BS	0.076	0.045	0.1	0.128	0.301	0.468	0.6	0.484	0.28	0.14	0.5	0.262	0.13	0.13
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	380.0125	54.0	52.9	CW	E	0.98	BS	0.018	0.015	0.033	0.041	0.132	0.17	0.177	0.171	0.196	0.303	0.5	0.126	0.06	0.06
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	393.0125	54.0	53.1	CW	E	0.98	BS	0.009	0.018	0.032	0.054	0.14	0.177	0.172	0.158	0.244	0.356	0.5	0.136	0.07	0.07
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	406.5000	54.0	53.4	CW	E	0.99	BS	0.007	0.013	0.018	0.077	0.165	0.217	0.239	0.231	0.257	0.391	0.5	0.162	0.08	0.08
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	422.0125	54.0	53.5	CW	E	1.00	BS	0.01	0.031	0.06	0.17	0.213	0.246	0.303	0.333	0.299	0.336	0.5	0.200	0.10	0.10

MPE calculations are defined in section 14.0

Table I.1 (Continued)
UHF R1 Band - MPE measurement data for Bystander

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurement										DUT Max. TX Factor	Avg. over Body (mW/cm2)	Calc. P.D. (mW/cm2)	Max Calc. P.D. (mW/cm2)
										Bystander (BS) Positions													
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		20 cm	40 cm	60 cm	80 cm	100 cm	120 cm	140 cm	160 cm	180 cm	200 cm				
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	438.0125	54.0	53.0	CW	E	1.01	BS	0.023	0.031	0.073	0.17	0.196	0.205	0.233	0.238	0.249	0.309	0.5	0.173	0.09	0.09
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	450.0125	54.0	53.2	CW	E	1.02	BS	0.031	0.044	0.085	0.148	0.153	0.202	0.214	0.286	0.342	0.422	0.5	0.193	0.10	0.10
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	469.9875	54.0	53.3	CW	E	1.04	BS	0.024	0.05	0.078	0.157	0.182	0.24	0.26	0.283	0.272	0.306	0.5	0.185	0.10	0.10
Roof	HAE6010A, 1/2 Wave (380-433MHz)	5.65	380.0125	54.0	52.9	CW	E	0.98	BS	0.022	0.02	0.033	0.03	0.113	0.191	0.215	0.169	0.182	0.278	0.5	0.125	0.06	0.06
Roof	HAE6010A, 1/2 Wave (380-433MHz)	5.65	393.0125	54.0	53.1	CW	E	0.98	BS	0.018	0.024	0.043	0.052	0.178	0.234	0.212	0.142	0.186	0.334	0.5	0.142	0.07	0.07
Roof	HAE6010A, 1/2 Wave (380-433MHz)	5.65	406.5000	54.0	53.4	CW	E	0.99	BS	0.01	0.011	0.018	0.077	0.186	0.253	0.267	0.215	0.183	0.302	0.5	0.152	0.08	0.08
Roof	HAE6010A, 1/2 Wave (380-433MHz)	5.65	419.5000	54.0	53.5	CW	E	1.00	BS	0.009	0.023	0.052	0.167	0.26	0.294	0.314	0.234	0.114	0.223	0.5	0.169	0.08	0.09
Roof	HAE6010A, 1/2 Wave (380-433MHz)	5.65	432.9875	54.0	53.1	CW	E	1.01	BS	0.01	0.024	0.051	0.115	0.181	0.196	0.219	0.161	0.056	0.104	0.5	0.112	0.06	0.06
Roof	HAE6011A, 5/8 Wave (380-433MHz)	7.15	380.0125	54.0	52.9	CW	E	0.98	BS	0.001	0.003	0.003	0.007	0.006	0.014	0.076	0.278	0.472	0.469	0.5	0.133	0.07	0.07
Roof	HAE6011A, 5/8 Wave (380-433MHz)	7.15	393.0125	54.0	53.1	CW	E	0.98	BS	0.002	0.005	0.007	0.015	0.019	0.026	0.096	0.327	0.582	0.549	0.5	0.163	0.08	0.08
Roof	HAE6011A, 5/8 Wave (380-433MHz)	7.15	406.5000	54.0	53.4	CW	E	0.99	BS	0.003	0.005	0.01	0.024	0.035	0.049	0.101	0.311	0.526	0.485	0.5	0.155	0.08	0.08
Roof	HAE6011A, 5/8 Wave (380-433MHz)	7.15	419.5000	54.0	53.5	CW	E	1.00	BS	0.007	0.011	0.026	0.051	0.063	0.071	0.126	0.345	0.564	0.477	0.5	0.174	0.09	0.09
Roof	HAE6011A, 5/8 Wave (380-433MHz)	7.15	432.9875	54.0	53.1	CW	E	1.01	BS	0.005	0.007	0.015	0.023	0.033	0.031	0.065	0.178	0.293	0.241	0.5	0.089	0.04	0.05
Roof	HAE6012A, 1/4 Wave (380-433MHz)	2.15	380.0125	54.0	52.9	CW	E	0.98	BS	0.016	0.01	0.022	0.018	0.084	0.18	0.315	0.446	0.519	0.464	0.5	0.207	0.10	0.10
Roof	HAE6012A, 1/4 Wave (380-433MHz)	2.15	393.0125	54.0	53.1	CW	E	0.98	BS	0.007	0.014	0.021	0.035	0.121	0.195	0.288	0.388	0.513	0.491	0.5	0.207	0.10	0.10
Roof	HAE6012A, 1/4 Wave (380-433MHz)	2.15	406.5000	54.0	53.4	CW	E	0.99	BS	0.003	0.009	0.011	0.059	0.133	0.202	0.29	0.406	0.484	0.42	0.5	0.202	0.10	0.10
Roof	HAE6012A, 1/4 Wave (380-433MHz)	2.15	419.5000	54.0	53.5	CW	E	1.00	BS	0.008	0.019	0.048	0.144	0.191	0.239	0.345	0.463	0.516	0.43	0.5	0.240	0.12	0.12
Roof	HAE6012A, 1/4 Wave (380-433MHz)	2.15	432.9875	54.0	53.1	CW	E	1.01	BS	0.011	0.026	0.057	0.118	0.172	0.187	0.288	0.419	0.452	0.36	0.5	0.209	0.11	0.11

Table I.1 (Continued)
UHF R1 Band - MPE measurement data for Bystander

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurement										DUT Max. TX Factor	Avg. over Body (mW/cm2)	Calc. P.D. (mW/cm2)	Max Calc. P.D. (mW/cm2)
										Bystander (BS) Positions													
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		20 cm	40 cm	60 cm	80 cm	100 cm	120 cm	140 cm	160 cm	180 cm	200 cm				
Roof	HAE6013A, 1/2 Wave (380-470MHz)	4.15	380.0125	54.0	52.9	CW	E	0.98	BS	0.013	0.008	0.021	0.027	0.062	0.15	0.273	0.399	0.429	0.37	0.5	0.175	0.09	0.09
Roof	HAE6013A, 1/2 Wave (380-470MHz)	4.15	393.0125	54.0	53.1	CW	E	0.98	BS	0.009	0.01	0.02	0.032	0.111	0.181	0.256	0.359	0.453	0.407	0.5	0.184	0.09	0.09
Roof	HAE6013A, 1/2 Wave (380-470MHz)	4.15	406.5000	54.0	53.4	CW	E	0.99	BS	0.002	0.009	0.011	0.065	0.142	0.209	0.317	0.436	0.496	0.414	0.5	0.210	0.10	0.11
Roof	HAE6013A, 1/2 Wave (380-470MHz)	4.15	422.0125	54.0	53.5	CW	E	1.00	BS	0.008	0.018	0.037	0.129	0.171	0.237	0.368	0.522	0.541	0.414	0.5	0.245	0.12	0.12
Roof	HAE6013A, 1/2 Wave (380-470MHz)	4.15	438.0125	54.0	53.0	CW	E	1.01	BS	0.018	0.029	0.07	0.151	0.173	0.215	0.31	0.448	0.5	0.41	0.5	0.232	0.12	0.12
Roof	HAE6013A, 1/2 Wave (380-470MHz)	4.15	450.0125	54.0	53.2	CW	E	1.02	BS	0.019	0.033	0.088	0.107	0.12	0.174	0.32	0.482	0.555	0.461	0.5	0.236	0.12	0.12
Roof	HAE6013A, 1/2 Wave (380-470MHz)	4.15	460.0000	54.0	53.1	CW	E	1.03	BS	0.011	0.027	0.048	0.088	0.108	0.162	0.291	0.422	0.431	0.311	0.5	0.190	0.10	0.10
Roof	HAE6013A, 1/2 Wave (380-470MHz)	4.15	469.9875	54.0	53.3	CW	E	1.04	BS	0.019	0.035	0.051	0.101	0.13	0.208	0.286	0.431	0.449	0.372	0.5	0.208	0.11	0.11
Roof	HAE6031A, 1/2 Wave (380-520MHz)	4.15	380.0125	54.0	52.9	CW	E	0.98	BS	0.015	0.007	0.025	0.021	0.075	0.191	0.337	0.491	0.528	0.455	0.5	0.215	0.11	0.11
Roof	HAE6031A, 1/2 Wave (380-520MHz)	4.15	393.0125	54.0	53.1	CW	E	0.98	BS	0.007	0.011	0.021	0.035	0.11	0.183	0.266	0.356	0.467	0.425	0.5	0.188	0.09	0.09
Roof	HAE6031A, 1/2 Wave (380-520MHz)	4.15	406.5000	54.0	53.4	CW	E	0.99	BS	0.003	0.005	0.012	0.067	0.154	0.216	0.331	0.45	0.519	0.434	0.5	0.219	0.11	0.11
Roof	HAE6031A, 1/2 Wave (380-520MHz)	4.15	422.0125	54.0	53.5	CW	E	1.00	BS	0.006	0.009	0.044	0.145	0.18	0.236	0.363	0.539	0.564	0.424	0.5	0.251	0.13	0.13
Roof	HAE6031A, 1/2 Wave (380-520MHz)	4.15	438.0125	54.0	53.0	CW	E	1.01	BS	0.017	0.026	0.067	0.141	0.208	0.258	0.381	0.541	0.55	0.419	0.5	0.261	0.13	0.13
Roof	HAE6031A, 1/2 Wave (380-520MHz)	4.15	450.0125	54.0	53.2	CW	E	1.02	BS	0.021	0.039	0.067	0.119	0.142	0.192	0.339	0.531	0.524	0.514	0.5	0.249	0.13	0.13
Roof	HAE6031A, 1/2 Wave (380-520MHz)	4.15	469.9875	54.0	53.3	CW	E	1.04	BS	0.019	0.032	0.054	0.107	0.109	0.215	0.31	0.448	0.481	0.406	0.5	0.218	0.11	0.11
Roof	RAE4014ARB, 5/8 Wave (445-470MHz)	7.15	450.0125	54.0	53.2	CW	E	1.02	BS	0.007	0.011	0.013	0.022	0.025	0.048	0.051	0.196	0.389	0.349	0.5	0.111	0.06	0.06
Roof	RAE4014ARB, 5/8 Wave (445-470MHz)	7.15	460.0000	54.0	53.1	CW	E	1.03	BS	0.004	0.007	0.018	0.025	0.026	0.031	0.069	0.209	0.359	0.295	0.5	0.104	0.05	0.05
Roof	RAE4014ARB, 5/8 Wave (445-470MHz)	7.15	469.9875	54.0	53.3	CW	E	1.04	BS	0.009	0.012	0.016	0.029	0.03	0.034	0.072	0.224	0.446	0.448	0.5	0.132	0.07	0.07

Table I.1 (Continued)
UHF R1 Band - MPE measurement data for Bystander

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurement										DUT Max. TX Factor	Avg. over Body (mW/cm2)	Calc. P.D. (mW/cm2)	Max Calc. P.D. (mW/cm2)
										Bystander (BS) Positions													
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		20 cm	40 cm	60 cm	80 cm	100 cm	120 cm	140 cm	160 cm	180 cm	200 cm				
Roof	HAE4011A, 1/2 Wave (450-470MHz)	5.65	450.0125	54.0	53.2	CW	E	1.02	BS	0.003	0.005	0.007	0.012	0.025	0.04	0.156	0.501	0.768	0.584	0.5	0.210	0.11	0.11
Roof	HAE4011A, 1/2 Wave (450-470MHz)	5.65	460.0000	54.0	53.1	CW	E	1.03	BS	0.002	0.008	0.01	0.012	0.017	0.031	0.12	0.331	0.485	0.346	0.5	0.136	0.07	0.07
Roof	HAE4011A, 1/2 Wave (450-470MHz)	5.65	469.9875	54.0	53.3	CW	E	1.04	BS	0.003	0.006	0.012	0.015	0.028	0.035	0.106	0.281	0.448	0.353	0.5	0.129	0.07	0.07
Roof	HAE4003A, 1/4 Wave (450-470MHz)	2.15	450.0125	54.0	53.2	CW	E	1.02	BS	0.021	0.043	0.075	0.113	0.132	0.168	0.3	0.473	0.643	0.556	0.5	0.200	0.10	0.10
Roof	HAE4003A, 1/4 Wave (450-470MHz)	2.15	460.0000	54.0	53.1	CW	E	1.03	BS	0.006	0.015	0.055	0.11	0.124	0.189	0.315	0.487	0.523	0.433	0.5	0.226	0.12	0.12
Roof	HAE4003A, 1/4 Wave (450-470MHz)	2.15	469.9875	54.0	53.3	CW	E	1.04	BS	0.015	0.026	0.043	0.087	0.132	0.175	0.248	0.379	0.454	0.425	0.5	0.198	0.10	0.10
Roof	HAE6016A, 1/4 Wave (450-512MHz)	2.15	450.0125	54.0	53.2	CW	E	1.02	BS	0.023	0.034	0.074	0.106	0.14	0.176	0.28	0.44	0.558	0.545	0.5	0.238	0.12	0.12
Roof	HAE6016A, 1/4 Wave (450-512MHz)	2.15	460.0000	54.0	53.1	CW	E	1.03	BS	0.016	0.036	0.055	0.091	0.119	0.169	0.295	0.466	0.537	0.449	0.5	0.223	0.11	0.12
Roof	HAE6016A, 1/4 Wave (450-512MHz)	2.15	469.9875	54.0	53.3	CW	E	1.04	BS	0.018	0.031	0.043	0.086	0.11	0.17	0.264	0.401	0.483	0.446	0.5	0.205	0.11	0.11
Roof	HAE6015A, 1/2 Wave (450-520MHz)	4.15	450.0125	54.0	53.2	CW	E	1.02	BS	0.021	0.036	0.062	0.107	0.137	0.165	0.311	0.476	0.581	0.495	0.5	0.239	0.12	0.12
Roof	HAE6015A, 1/2 Wave (450-520MHz)	4.15	460.0000	54.0	53.1	CW	E	1.03	BS	0.008	0.025	0.046	0.111	0.143	0.214	0.372	0.545	0.568	0.423	0.5	0.246	0.13	0.13
Roof	HAE6015A, 1/2 Wave (450-520MHz)	4.15	469.9875	54.0	53.3	CW	E	1.04	BS	0.021	0.034	0.054	0.11	0.151	0.217	0.31	0.461	0.494	0.431	0.5	0.228	0.12	0.12

MPE calculations are defined in section 14.0.

Table I.2
UHF R1 Band - MPE measurement data for Passenger

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurement			DUT Max. TX Factor	Avg. over Body (mW/ cm2)	Calc. P.D. (mW/ cm2)	Max Calc. P.D. (mW/ cm2)	
										Passenger Positions							
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		Head/ Top 1/3	Chest/ Middle 1/3	Lower Trunk/ Bottom 1/3					
Trunk	AN000131A01, 1/4 wave (136-870MHz)	2.15	380.0125	54.0	52.9	CW	E	0.98	PB	0.321	0.176	0.233	0.5	0.243	0.12	0.12	
Trunk	AN000131A01, 1/4 wave (136-870MHz)	2.15	393.0125	54.0	53.1	CW	E	0.98	PB	0.331	0.181	0.214	0.5	0.242	0.12	0.12	
Trunk	AN000131A01, 1/4 wave (136-870MHz)	2.15	406.5000	54.0	53.4	CW	E	0.99	PB	0.318	0.49	0.225	0.5	0.344	0.17	0.17	
Trunk	AN000131A01, 1/4 wave (136-870MHz)	2.15	422.0125	54.0	53.5	CW	E	1.00	PB	0.283	0.284	0.396	0.5	0.321	0.16	0.16	
Trunk	AN000131A01, 1/4 wave (136-870MHz)	2.15	438.0125	54.0	53.0	CW	E	1.01	PB	0.457	0.209	0.407	0.5	0.358	0.18	0.18	
Trunk	AN000131A01, 1/4 wave (136-870MHz)	2.15	450.0125	54.0	53.2	CW	E	1.02	PB	0.8	0.347	0.476	0.5	0.541	0.28	0.28	
Trunk	AN000131A01, 1/4 wave (136-870MHz)	2.15	469.9875	54.0	53.3	CW	E	1.04	PB	0.676	0.505	0.512	0.5	0.564	0.29	0.30	
Trunk	HAE6010A, 1/2 Wave (380-433MHz)	5.65	380.0125	54.0	52.9	CW	E	0.98	PB	0.371	0.249	0.163	0.5	0.261	0.13	0.13	
Trunk	HAE6010A, 1/2 Wave (380-433MHz)	5.65	393.0125	54.0	53.1	CW	E	0.98	PB	0.389	0.256	0.223	0.5	0.289	0.14	0.14	
Trunk	HAE6010A, 1/2 Wave (380-433MHz)	5.65	406.5000	54.0	53.4	CW	E	0.99	PB	0.318	0.508	0.317	0.5	0.381	0.19	0.19	
Trunk	HAE6010A, 1/2 Wave (380-433MHz)	5.65	419.5000	54.0	53.5	CW	E	1.00	PB	0.304	0.344	0.463	0.5	0.370	0.19	0.19	
Trunk	HAE6010A, 1/2 Wave (380-433MHz)	5.65	432.9875	54.0	53.1	CW	E	1.01	PB	0.317	0.133	0.303	0.5	0.251	0.13	0.13	
Trunk	HAE6011A, 5/8 Wave (380-433MHz)	7.15	380.0125	54.0	52.9	CW	E	0.98	PB	0.381	0.121	0.167	0.5	0.223	0.11	0.11	
Trunk	HAE6011A, 5/8 Wave (380-433MHz)	7.15	393.0125	54.0	53.1	CW	E	0.98	PB	0.417	0.167	0.109	0.5	0.231	0.11	0.12	
Trunk	HAE6011A, 5/8 Wave (380-433MHz)	7.15	406.5000	54.0	53.4	CW	E	0.99	PB	0.294	0.326	0.104	0.5	0.241	0.12	0.12	
Trunk	HAE6011A, 5/8 Wave (380-433MHz)	7.15	419.5000	54.0	53.5	CW	E	1.00	PB	0.152	0.317	0.12	0.5	0.196	0.10	0.10	
Trunk	HAE6011A, 5/8 Wave (380-433MHz)	7.15	432.9875	54.0	53.1	CW	E	1.01	PB	0.131	0.064	0.076	0.5	0.090	0.05	0.05	

MPE calculations are defined in section 14.0.

Table I.2 (Continued)
UHF R1 Band - MPE measurement data for Passenger

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurement			DUT Max. TX Factor	Avg. over Body (mW/ cm2)	Calc. P.D. (mW/ cm2)	Max Calc. P.D. (mW/ cm2)	
										Passenger Positions							
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		Head/ Top 1/3	Chest/ Middle 1/3	Lower Trunk/ Bottom 1/3					
Trunk	HAE6013A, 1/2 Wave (380-470MHz)	4.15	380.0125	54.0	52.9	CW	E	0.98	PB	0.578	0.407	0.204	0.5	0.396	0.19	0.20	
Trunk	HAE6013A, 1/2 Wave (380-470MHz)	4.15	393.0125	54.0	53.1	CW	E	0.98	PB	0.68	0.285	0.199	0.5	0.388	0.19	0.19	
Trunk	HAE6013A, 1/2 Wave (380-470MHz)	4.15	406.5000	54.0	53.4	CW	E	0.99	PB	0.589	0.793	0.296	0.5	0.559	0.28	0.28	
Trunk	HAE6013A, 1/2 Wave (380-470MHz)	4.15	422.0125	54.0	53.5	CW	E	1.00	PB	0.401	0.552	0.478	0.5	0.477	0.24	0.24	
Trunk	HAE6013A, 1/2 Wave (380-470MHz)	4.15	438.0125	54.0	53.0	CW	E	1.01	PB	0.611	0.398	0.604	0.5	0.538	0.27	0.28	
Trunk	HAE6013A, 1/2 Wave (380-470MHz)	4.15	450.0125	54.0	53.2	CW	E	1.02	PB	0.997	0.474	0.692	0.5	0.721	0.37	0.37	
Trunk	HAE6013A, 1/2 Wave (380-470MHz)	4.15	460.0000	54.0	53.1	CW	E	1.03	PB	0.835	0.46	0.632	0.5	0.642	0.33	0.34	
Trunk	HAE6013A, 1/2 Wave (380-470MHz)	4.15	469.9875	54.0	53.3	CW	E	1.04	PB	0.887	0.573	0.632	0.5	0.697	0.36	0.37	
Trunk	HAE6031A, 1/2 Wave (380-520MHz)	4.15	380.0125	54.0	52.9	CW	E	0.98	PB	0.511	0.541	0.224	0.5	0.425	0.21	0.21	
Trunk	HAE6031A, 1/2 Wave (380-520MHz)	4.15	393.0125	54.0	53.1	CW	E	0.98	PB	0.696	0.279	0.202	0.5	0.392	0.19	0.20	
Trunk	HAE6031A, 1/2 Wave (380-520MHz)	4.15	406.5000	54.0	53.4	CW	E	0.99	PB	0.573	0.874	0.363	0.5	0.603	0.30	0.30	
Trunk	HAE6031A, 1/2 Wave (380-520MHz)	4.15	422.0125	54.0	53.5	CW	E	1.00	PB	0.383	0.489	0.486	0.5	0.453	0.23	0.23	
Trunk	HAE6031A, 1/2 Wave (380-520MHz)	4.15	438.0125	54.0	53.0	CW	E	1.01	PB	0.452	0.353	0.413	0.5	0.406	0.21	0.21	
Trunk	HAE6031A, 1/2 Wave (380-520MHz)	4.15	450.0125	54.0	53.2	CW	E	1.02	PB	1.143	0.526	0.766	0.5	0.812	0.41	0.42	
Trunk	HAE6031A, 1/2 Wave (380-520MHz)	4.15	469.9875	54.0	53.3	CW	E	1.04	PB	0.9	0.584	0.978	0.5	0.821	0.43	0.43	

MPE calculations are defined in section 14.0.

Table I.2 (Continued)
UHF R1 Band - MPE measurement data for Passenger

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurement			DUT Max. TX Factor	Avg. over Body (mW/ cm2)	Calc. P.D. (mW/ cm2)	Max Calc. P.D. (mW/ cm2)
										Passenger Positions						
										Head/ Top 1/3	Chest/ Middle 1/3	Lower Trunk/ Bottom 1/3				
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								
Trunk	RAE4014ARB, 5/8 Wave (445-470MHz)	7.15	450.0125	54.0	53.2	CW	E	1.02	PB	0.095	0.072	0.075	0.5	0.081	0.04	0.04
Trunk	RAE4014ARB, 5/8 Wave (445-470MHz)	7.15	460.0000	54.0	53.1	CW	E	1.03	PB	0.316	0.099	0.079	0.5	0.165	0.08	0.09
Trunk	RAE4014ARB, 5/8 Wave (445-470MHz)	7.15	469.9875	54.0	53.3	CW	E	1.04	PB	0.35	0.168	0.101	0.5	0.206	0.11	0.11
Trunk	HAE4011A, 1/2 Wave (450-470MHz)	5.65	450.0125	54.0	53.2	CW	E	1.02	PB	0.614	0.397	0.135	0.5	0.382	0.19	0.20
Trunk	HAE4011A, 1/2 Wave (450-470MHz)	5.65	460.0000	54.0	53.1	CW	E	1.03	PB	0.383	0.156	0.297	0.5	0.279	0.14	0.15
Trunk	HAE4011A, 1/2 Wave (450-470MHz)	5.65	469.9875	54.0	53.3	CW	E	1.04	PB	0.414	0.202	0.233	0.5	0.283	0.15	0.15
Trunk	HAE6015A, 1/2 Wave (450-520MHz)	4.15	450.0125	54.0	53.2	CW	E	1.02	PB	1.053	0.466	0.529	0.5	0.683	0.35	0.35
Trunk	HAE6015A, 1/2 Wave (450-520MHz)	4.15	460.0000	54.0	53.1	CW	E	1.03	PB	0.98	0.207	0.788	0.5	0.658	0.34	0.34
Trunk	HAE6015A, 1/2 Wave (450-520MHz)	4.15	469.9875	54.0	53.3	CW	E	1.04	PB	0.805	0.598	0.579	0.5	0.661	0.34	0.35
Trunk	AN000131A01, 1/4 wave (136-870MHz)	2.15	380.0125	54.0	52.9	CW	E	0.98	PF	0.159	0.095	0.114	0.5	0.123	0.06	0.06
Trunk	AN000131A01, 1/4 wave (136-870MHz)	2.15	393.0125	54.0	53.1	CW	E	0.98	PF	0.15	0.074	0.078	0.5	0.101	0.05	0.05
Trunk	AN000131A01, 1/4 wave (136-870MHz)	2.15	406.5000	54.0	53.4	CW	E	0.99	PF	0.069	0.073	0.064	0.5	0.069	0.03	0.03
Trunk	AN000131A01, 1/4 wave (136-870MHz)	2.15	422.0125	54.0	53.5	CW	E	1.00	PF	0.097	0.054	0.102	0.5	0.084	0.04	0.04
Trunk	AN000131A01, 1/4 wave (136-870MHz)	2.15	438.0125	54.0	53.0	CW	E	1.01	PF	0.107	0.072	0.175	0.5	0.118	0.06	0.06
Trunk	AN000131A01, 1/4 wave (136-870MHz)	2.15	450.0125	54.0	53.2	CW	E	1.02	PF	0.101	0.062	0.197	0.5	0.120	0.06	0.06
Trunk	AN000131A01, 1/4 wave (136-870MHz)	2.15	469.9875	54.0	53.3	CW	E	1.04	PF	0.079	0.077	0.176	0.5	0.111	0.06	0.06

MPE calculations are defined in section 14.0.

Table I.2 (Continued)
UHF R1 Band - MPE measurement data for Passenger

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurement			DUT Max. TX Factor	Avg. over Body (mW/ cm2)	Calc. P.D. (mW/ cm2)	Max Calc. P.D. (mW/ cm2)
							Passenger Positions									
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		Head/ Top 1/3	Chest/ Middle 1/3	Lower Trunk/ Bottom 1/3				
Trunk	HAE6010A, 1/2 Wave (380-433MHz)	5.65	380.0125	54.0	52.9	CW	E	0.98	PF	0.140	0.095	0.122	0.5	0.119	0.06	0.06
Trunk	HAE6010A, 1/2 Wave (380-433MHz)	5.65	393.0125	54.0	53.1	CW	E	0.98	PF	0.158	0.085	0.183	0.5	0.142	0.07	0.07
Trunk	HAE6010A, 1/2 Wave (380-433MHz)	5.65	406.5000	54.0	53.4	CW	E	0.99	PF	0.037	0.11	0.051	0.5	0.066	0.03	0.03
Trunk	HAE6010A, 1/2 Wave (380-433MHz)	5.65	419.5000	54.0	53.5	CW	E	1.00	PF	0.097	0.049	0.085	0.5	0.077	0.04	0.04
Trunk	HAE6010A, 1/2 Wave (380-433MHz)	5.65	432.9875	54.0	53.1	CW	E	1.01	PF	0.031	0.065	0.132	0.5	0.076	0.04	0.04
Trunk	HAE6011A, 5/8 Wave (380-433MHz)	7.15	380.0125	54.0	52.9	CW	E	0.98	PF	0.104	0.114	0.062	0.5	0.093	0.05	0.05
Trunk	HAE6011A, 5/8 Wave (380-433MHz)	7.15	393.0125	54.0	53.1	CW	E	0.98	PF	0.082	0.101	0.006	0.5	0.063	0.03	0.03
Trunk	HAE6011A, 5/8 Wave (380-433MHz)	7.15	406.5000	54.0	53.4	CW	E	0.99	PF	0.033	0.033	0.052	0.5	0.039	0.02	0.02
Trunk	HAE6011A, 5/8 Wave (380-433MHz)	7.15	419.5000	54.0	53.5	CW	E	1.00	PF	0.05	0.046	0.032	0.5	0.043	0.02	0.02
Trunk	HAE6011A, 5/8 Wave (380-433MHz)	7.15	432.9875	54.0	53.1	CW	E	1.01	PF	0.012	0.023	0.025	0.5	0.020	0.01	0.01
Trunk	HAE6013A, 1/2 Wave (380-470MHz)	4.15	380.0125	54.0	52.9	CW	E	0.98	PF	0.181	0.205	0.063	0.5	0.150	0.07	0.07
Trunk	HAE6013A, 1/2 Wave (380-470MHz)	4.15	393.0125	54.0	53.1	CW	E	0.98	PF	0.157	0.112	0.111	0.5	0.127	0.06	0.06
Trunk	HAE6013A, 1/2 Wave (380-470MHz)	4.15	406.5000	54.0	53.4	CW	E	0.99	PF	0.066	0.100	0.083	0.5	0.083	0.04	0.04
Trunk	HAE6013A, 1/2 Wave (380-470MHz)	4.15	422.0125	54.0	53.5	CW	E	1.00	PF	0.070	0.071	0.116	0.5	0.086	0.04	0.04
Trunk	HAE6013A, 1/2 Wave (380-470MHz)	4.15	438.0125	54.0	53.0	CW	E	1.01	PF	0.05	0.134	0.246	0.5	0.143	0.07	0.07
Trunk	HAE6013A, 1/2 Wave (380-470MHz)	4.15	450.0125	54.0	53.2	CW	E	1.02	PF	0.128	0.06	0.204	0.5	0.131	0.07	0.07
Trunk	HAE6013A, 1/2 Wave (380-470MHz)	4.15	460.0000	54.0	53.1	CW	E	1.03	PF	0.056	0.11	0.19	0.5	0.119	0.06	0.06
Trunk	HAE6013A, 1/2 Wave (380-470MHz)	4.15	469.9875	54.0	53.3	CW	E	1.04	PF	0.07	0.09	0.286	0.5	0.149	0.08	0.08

Table I.2 (Continued)
UHF R1 Band - MPE measurement data for Passenger

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurement			DUT Max. TX Factor	Avg. over Body (mW/ cm2)	Calc. P.D. (mW/ cm2)	Max Calc. P.D. (mW/ cm2)
							Passenger Positions									
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		Head/ Top 1/3	Chest/ Middle 1/3	Lower Trunk/ Bottom 1/3				
Trunk	HAE6031A, 1/2 Wave (380-520MHz)	4.15	380.0125	54.0	52.9	CW	E	0.98	PF	0.263	0.241	0.097	0.5	0.200	0.10	0.10
Trunk	HAE6031A, 1/2 Wave (380-520MHz)	4.15	393.0125	54.0	53.1	CW	E	0.98	PF	0.152	0.116	0.084	0.5	0.117	0.06	0.06
Trunk	HAE6031A, 1/2 Wave (380-520MHz)	4.15	406.5000	54.0	53.4	CW	E	0.99	PF	0.047	0.124	0.097	0.5	0.089	0.04	0.04
Trunk	HAE6031A, 1/2 Wave (380-520MHz)	4.15	422.0125	54.0	53.5	CW	E	1.00	PF	0.116	0.09	0.128	0.5	0.111	0.06	0.06
Trunk	HAE6031A, 1/2 Wave (380-520MHz)	4.15	438.0125	54.0	53.0	CW	E	1.01	PF	0.077	0.098	0.259	0.5	0.145	0.07	0.07
Trunk	HAE6031A, 1/2 Wave (380-520MHz)	4.15	450.0125	54.0	53.2	CW	E	1.02	PF	0.144	0.078	0.226	0.5	0.149	0.08	0.08
Trunk	HAE6031A, 1/2 Wave (380-520MHz)	4.15	469.9875	54.0	53.3	CW	E	1.04	PF	0.094	0.144	0.221	0.5	0.153	0.08	0.08
Trunk	RAE4014ARB, 5/8 Wave (445-470MHz)	7.15	450.0125	54.0	53.2	CW	E	1.02	PF	0.045	0.039	0.035	0.5	0.040	0.02	0.02
Trunk	RAE4014ARB, 5/8 Wave (445-470MHz)	7.15	460.0000	54.0	53.1	CW	E	1.03	PF	0.028	0.07	0.044	0.5	0.047	0.02	0.02
Trunk	RAE4014ARB, 5/8 Wave (445-470MHz)	7.15	469.9875	54.0	53.3	CW	E	1.04	PF	0.026	0.109	0.099	0.5	0.078	0.04	0.04
Trunk	HAE4011A, 1/2 Wave (450-470MHz)	5.65	450.0125	54.0	53.2	CW	E	1.02	PF	0.077	0.094	0.077	0.5	0.083	0.04	0.04
Trunk	HAE4011A, 1/2 Wave (450-470MHz)	5.65	460.0000	54.0	53.1	CW	E	1.03	PF	0.023	0.077	0.09	0.5	0.063	0.03	0.03
Trunk	HAE4011A, 1/2 Wave (450-470MHz)	5.65	469.9875	54.0	53.3	CW	E	1.04	PF	0.034	0.124	0.122	0.5	0.093	0.05	0.05
Trunk	HAE6015A, 1/2 Wave (450-520MHz)	4.15	450.0125	54.0	53.2	CW	E	1.02	PF	0.1	0.067	0.196	0.5	0.121	0.06	0.06
Trunk	HAE6015A, 1/2 Wave (450-520MHz)	4.15	460.0000	54.0	53.1	CW	E	1.03	PF	0.076	0.136	0.215	0.5	0.142	0.07	0.07
Trunk	HAE6015A, 1/2 Wave (450-520MHz)	4.15	469.9875	54.0	53.3	CW	E	1.04	PF	0.143	0.07	0.275	0.5	0.163	0.08	0.09

MPE calculations are defined in section 14.0.

Table I.2 (Continued)
UHF R1 Band - MPE measurement data for Passenger

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurement			DUT Max. TX Factor	Avg. over Body (mW/ cm2)	Calc. P.D. (mW/ cm2)	Max Calc. P.D. (mW/ cm2)
							Passenger Positions									
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		Head/ Top 1/3	Chest/ Middle 1/3	Lower Trunk/ Bottom 1/3				
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	380.0125	54.0	52.9	CW	E	0.98	PB	0.067	0.036	0.099	0.5	0.067	0.03	0.03
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	393.0125	54.0	53.1	CW	E	0.98	PB	0.081	0.071	0.089	0.5	0.080	0.04	0.04
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	406.5000	54.0	53.4	CW	E	0.99	PB	0.114	0.067	0.083	0.5	0.088	0.04	0.04
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	422.0125	54.0	53.5	CW	E	1.00	PB	0.06	0.045	0.053	0.5	0.053	0.03	0.03
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	438.0125	54.0	53.0	CW	E	1.01	PB	0.139	0.097	0.09	0.5	0.109	0.05	0.06
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	450.0125	54.0	53.2	CW	E	1.02	PB	0.06	0.06	0.094	0.5	0.071	0.04	0.04
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	469.9875	54.0	53.3	CW	E	1.04	PB	0.073	0.056	0.051	0.5	0.054	0.03	0.03
Roof	HAE6010A, 1/2 Wave (380-433MHz)	5.65	380.0125	54.0	52.9	CW	E	0.98	PB	0.07	0.037	0.142	0.5	0.083	0.04	0.04
Roof	HAE6010A, 1/2 Wave (380-433MHz)	5.65	393.0125	54.0	53.1	CW	E	0.98	PB	0.051	0.065	0.092	0.5	0.069	0.03	0.03
Roof	HAE6010A, 1/2 Wave (380-433MHz)	5.65	406.5000	54.0	53.4	CW	E	0.99	PB	0.151	0.072	0.156	0.5	0.126	0.06	0.06
Roof	HAE6010A, 1/2 Wave (380-433MHz)	5.65	419.5000	54.0	53.5	CW	E	1.00	PB	0.047	0.092	0.065	0.5	0.068	0.03	0.03
Roof	HAE6010A, 1/2 Wave (380-433MHz)	5.65	432.9875	54.0	53.1	CW	E	1.01	PB	0.072	0.045	0.055	0.5	0.057	0.03	0.03
Roof	HAE6011A, 5/8 Wave (380-433MHz)	7.15	380.0125	54.0	52.9	CW	E	0.98	PB	0.005	0.006	0.015	0.5	0.009	0.00	0.00
Roof	HAE6011A, 5/8 Wave (380-433MHz)	7.15	393.0125	54.0	53.1	CW	E	0.98	PB	0.013	0.019	0.021	0.5	0.018	0.01	0.01
Roof	HAE6011A, 5/8 Wave (380-433MHz)	7.15	406.5000	54.0	53.4	CW	E	0.99	PB	0.031	0.031	0.02	0.5	0.027	0.01	0.01
Roof	HAE6011A, 5/8 Wave (380-433MHz)	7.15	419.5000	54.0	53.5	CW	E	1.00	PB	0.013	0.024	0.016	0.5	0.018	0.01	0.01
Roof	HAE6011A, 5/8 Wave (380-433MHz)	7.15	432.9875	54.0	53.1	CW	E	1.01	PB	0.005	0.02	0.018	0.5	0.014	0.01	0.01

MPE calculations are defined in section 14.0.

Table I.2 (Continued)
UHF R1 Band - MPE measurement data for Passenger

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurement			DUT Max. TX Factor	Avg. over Body (mW/ cm2)	Calc. P.D. (mW/ cm2)	Max Calc. P.D. (mW/ cm2)
							Passenger Positions									
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		Head/ Top 1/3	Chest/ Middle 1/3	Lower Trunk/ Bottom 1/3				
Roof	HAE6012A, 1/4 Wave (380-433MHz)	2.15	380.0125	54.0	52.9	CW	E	0.98	PB	0.068	0.024	0.175	0.5	0.089	0.04	0.04
Roof	HAE6012A, 1/4 Wave (380-433MHz)	2.15	393.0125	54.0	53.1	CW	E	0.98	PB	0.08	0.054	0.115	0.5	0.083	0.04	0.04
Roof	HAE6012A, 1/4 Wave (380-433MHz)	2.15	406.5000	54.0	53.4	CW	E	0.99	PB	0.144	0.058	0.122	0.5	0.108	0.05	0.05
Roof	HAE6012A, 1/4 Wave (380-433MHz)	2.15	419.5000	54.0	53.5	CW	E	1.00	PB	0.032	0.057	0.032	0.5	0.040	0.02	0.02
Roof	HAE6012A, 1/4 Wave (380-433MHz)	2.15	432.9875	54.0	53.1	CW	E	1.01	PB	0.085	0.049	0.07	0.5	0.068	0.03	0.03
Roof	HAE6013A, 1/2 Wave (380-470MHz)	4.15	380.0125	54.0	52.9	CW	E	0.98	PB	0.049	0.021	0.128	0.5	0.066	0.03	0.03
Roof	HAE6013A, 1/2 Wave (380-470MHz)	4.15	393.0125	54.0	53.1	CW	E	0.98	PB	0.082	0.045	0.0102	0.5	0.046	0.02	0.02
Roof	HAE6013A, 1/2 Wave (380-470MHz)	4.15	406.5000	54.0	53.4	CW	E	0.99	PB	0.133	0.065	0.083	0.5	0.094	0.05	0.05
Roof	HAE6013A, 1/2 Wave (380-470MHz)	4.15	422.0125	54.0	53.5	CW	E	1.00	PB	0.053	0.028	0.035	0.5	0.039	0.02	0.02
Roof	HAE6013A, 1/2 Wave (380-470MHz)	4.15	438.0125	54.0	53.0	CW	E	1.01	PB	0.113	0.097	0.108	0.5	0.106	0.05	0.05
Roof	HAE6013A, 1/2 Wave (380-470MHz)	4.15	450.0125	54.0	53.2	CW	E	1.02	PB	0.062	0.054	0.114	0.5	0.077	0.04	0.04
Roof	HAE6013A, 1/2 Wave (380-470MHz)	4.15	460.0000	54.0	53.1	CW	E	1.03	PB	0.046	0.049	0.047	0.5	0.047	0.02	0.02
Roof	HAE6013A, 1/2 Wave (380-470MHz)	4.15	469.9875	54.0	53.3	CW	E	1.04	PB	0.082	0.071	0.104	0.5	0.086	0.04	0.05
Roof	HAE6031A, 1/2 Wave (380-520MHz)	4.15	380.0125	54.0	52.9	CW	E	0.98	PB	0.079	0.033	0.062	0.5	0.058	0.03	0.03
Roof	HAE6031A, 1/2 Wave (380-520MHz)	4.15	393.0125	54.0	53.1	CW	E	0.98	PB	0.09	0.045	0.097	0.5	0.077	0.04	0.04
Roof	HAE6031A, 1/2 Wave (380-520MHz)	4.15	406.5000	54.0	53.4	CW	E	0.99	PB	0.166	0.072	0.111	0.5	0.116	0.06	0.06
Roof	HAE6031A, 1/2 Wave (380-520MHz)	4.15	422.0125	54.0	53.5	CW	E	1.00	PB	0.055	0.077	0.031	0.5	0.054	0.03	0.03
Roof	HAE6031A, 1/2 Wave (380-520MHz)	4.15	438.0125	54.0	53.0	CW	E	1.01	PB	0.063	0.096	0.11	0.5	0.090	0.05	0.05

Table I.2 (Continued)
UHF R1 Band - MPE measurement data for Passenger

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurement			DUT Max. TX Factor	Avg. over Body (mW/ cm2)	Calc. P.D. (mW/ cm2)	Max Calc. P.D. (mW/ cm2)
							Passenger Positions									
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		Head/ Top 1/3	Chest/ Middle 1/3	Lower Trunk/ Bottom 1/3				
Roof	HAE6031A, 1/2 Wave (380-520MHz)	4.15	450.0125	54.0	53.2	CW	E	1.02	PB	0.111	0.076	0.128	0.5	0.105	0.05	0.05
Roof	HAE6031A, 1/2 Wave (380-520MHz)	4.15	469.9875	54.0	53.3	CW	E	1.04	PB	0.077	0.072	0.109	0.5	0.086	0.04	0.05
Roof	RAE4014ARB, 5/8 Wave (445-470MHz)	7.15	450.0125	54.0	53.2	CW	E	1.02	PB	0.014	0.014	0.02	0.5	0.016	0.01	0.01
Roof	RAE4014ARB, 5/8 Wave (445-470MHz)	7.15	460.0000	54.0	53.1	CW	E	1.03	PB	0.008	0.007	0.007	0.5	0.007	0.00	0.00
Roof	RAE4014ARB, 5/8 Wave (445-470MHz)	7.15	469.9875	54.0	53.3	CW	E	1.04	PB	0.019	0.014	0.02	0.5	0.018	0.01	0.01
Roof	HAE4011A, 1/2 Wave (450-470MHz)	5.65	450.0125	54.0	53.2	CW	E	1.02	PB	0.039	0.018	0.008	0.5	0.022	0.01	0.01
Roof	HAE4011A, 1/2 Wave (450-470MHz)	5.65	460.0000	54.0	53.1	CW	E	1.03	PB	0.019	0.016	0.019	0.5	0.018	0.01	0.01
Roof	HAE4011A, 1/2 Wave (450-470MHz)	5.65	469.9875	54.0	53.3	CW	E	1.04	PB	0.025	0.025	0.032	0.5	0.027	0.01	0.01
Roof	HAE4003A, 1/4 Wave (450-470MHz)	2.15	450.0125	54.0	53.2	CW	E	1.02	PB	0.057	0.064	0.095	0.5	0.072	0.04	0.04
Roof	HAE4003A, 1/4 Wave (450-470MHz)	2.15	460.0000	54.0	53.1	CW	E	1.03	PB	0.048	0.047	0.05	0.5	0.048	0.02	0.03
Roof	HAE4003A, 1/4 Wave (450-470MHz)	2.15	469.9875	54.0	53.3	CW	E	1.04	PB	0.055	0.049	0.053	0.5	0.052	0.03	0.03
Roof	HAE6016A, 1/4 Wave (450-512MHz)	2.15	450.0125	54.0	53.2	CW	E	1.02	PB	0.049	0.065	0.112	0.5	0.075	0.04	0.04
Roof	HAE6016A, 1/4 Wave (450-512MHz)	2.15	460.0000	54.0	53.1	CW	E	1.03	PB	0.059	0.074	0.078	0.5	0.070	0.04	0.04
Roof	HAE6016A, 1/4 Wave (450-512MHz)	2.15	469.9875	54.0	53.3	CW	E	1.04	PB	0.038	0.082	0.125	0.5	0.082	0.04	0.04

MPE calculations are defined in section 14.0.

Table I.2 (Continued)
UHF R1 Band - MPE measurement data for Passenger

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurement			DUT Max. TX Factor	Avg. over Body (mW/ cm2)	Calc. P.D. (mW/ cm2)	Max Calc. P.D. (mW/ cm2)
										Passenger Positions						
										Head/ Top 1/3	Chest/ Middle 1/3	Lower Trunk/ Bottom 1/3				
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								
Roof	HAE6015A, 1/2 Wave (450-520MHz)	4.15	450.0125	54.0	53.2	CW	E	1.02	PB	0.083	0.058	0.123	0.5	0.088	0.04	0.05
Roof	HAE6015A, 1/2 Wave (450-520MHz)	4.15	460.0000	54.0	53.1	CW	E	1.03	PB	0.055	0.076	0.078	0.5	0.070	0.04	0.04
Roof	HAE6015A, 1/2 Wave (450-520MHz)	4.15	469.9875	54.0	53.3	CW	E	1.04	PB	0.077	0.063	0.113	0.5	0.084	0.04	0.04
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	380.0125	54.0	52.9	CW	E	0.98	PF	0.003	0.004	0.006	0.5	0.004	0.00	0.00
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	393.0125	54.0	53.1	CW	E	0.98	PF	0.008	0.014	0.012	0.5	0.011	0.01	0.01
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	406.5000	54.0	53.4	CW	E	0.99	PF	0.003	0.007	0.003	0.5	0.004	0.00	0.00
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	422.0125	54.0	53.5	CW	E	1.00	PF	0.004	0.014	0.013	0.5	0.010	0.01	0.01
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	438.0125	54.0	53.0	CW	E	1.01	PF	0.004	0.005	0.017	0.5	0.009	0.00	0.00
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	450.0125	54.0	53.2	CW	E	1.02	PF	0.004	0.015	0.025	0.5	0.015	0.01	0.01
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	469.9875	54.0	53.3	CW	E	1.04	PF	0.005	0.008	0.015	0.5	0.009	0.00	0.00
Roof	HAE6010A, 1/2 Wave (380-433MHz)	5.65	380.0125	54.0	52.9	CW	E	0.98	PF	0.057	0.089	0.091	0.5	0.079	0.04	0.04
Roof	HAE6010A, 1/2 Wave (380-433MHz)	5.65	393.0125	54.0	53.1	CW	E	0.98	PF	0.05	0.086	0.079	0.5	0.072	0.04	0.04
Roof	HAE6010A, 1/2 Wave (380-433MHz)	5.65	406.5000	54.0	53.4	CW	E	0.99	PF	0.027	0.07	0.025	0.5	0.041	0.02	0.02
Roof	HAE6010A, 1/2 Wave (380-433MHz)	5.65	419.5000	54.0	53.5	CW	E	1.00	PF	0.035	0.067	0.053	0.5	0.052	0.03	0.03
Roof	HAE6010A, 1/2 Wave (380-433MHz)	5.65	432.9875	54.0	53.1	CW	E	1.01	PF	0.027	0.019	0.07	0.5	0.039	0.02	0.02

MPE calculations are defined in section 14.0.

Table I.2 (Continued)
UHF R1 Band - MPE measurement data for Passenger

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurement			DUT Max. TX Factor	Avg. over Body (mW/ cm2)	Calc. P.D. (mW/ cm2)	Max Calc. P.D. (mW/ cm2)
							Passenger Positions									
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		Head/ Top 1/3	Chest/ Middle 1/3	Lower Trunk/ Bottom 1/3				
Roof	HAE6011A, 5/8 Wave (380-433MHz)	7.15	380.0125	54.0	52.9	CW	E	0.98	PF	0.011	0.028	0.029	0.5	0.023	0.01	0.01
Roof	HAE6011A, 5/8 Wave (380-433MHz)	7.15	393.0125	54.0	53.1	CW	E	0.98	PF	0.006	0.018	0.02	0.5	0.015	0.01	0.01
Roof	HAE6011A, 5/8 Wave (380-433MHz)	7.15	406.5000	54.0	53.4	CW	E	0.99	PF	0.007	0.014	0.005	0.5	0.009	0.00	0.00
Roof	HAE6011A, 5/8 Wave (380-433MHz)	7.15	419.5000	54.0	53.5	CW	E	1.00	PF	0.012	0.022	0.012	0.5	0.015	0.01	0.01
Roof	HAE6011A, 5/8 Wave (380-433MHz)	7.15	432.9875	54.0	53.1	CW	E	1.01	PF	0.003	0.003	0.013	0.5	0.006	0.00	0.00
Roof	HAE6012A, 1/4 Wave (380-433MHz)	2.15	380.0125	54.0	52.9	CW	E	0.98	PF	0.067	0.108	0.115	0.5	0.097	0.05	0.05
Roof	HAE6012A, 1/4 Wave (380-433MHz)	2.15	393.0125	54.0	53.1	CW	E	0.98	PF	0.048	0.117	0.031	0.5	0.065	0.03	0.03
Roof	HAE6012A, 1/4 Wave (380-433MHz)	2.15	406.5000	54.0	53.4	CW	E	0.99	PF	0.036	0.075	0.027	0.5	0.046	0.02	0.02
Roof	HAE6012A, 1/4 Wave (380-433MHz)	2.15	419.5000	54.0	53.5	CW	E	1.00	PF	0.054	0.062	0.038	0.5	0.051	0.03	0.03
Roof	HAE6012A, 1/4 Wave (380-433MHz)	2.15	432.9875	54.0	53.1	CW	E	1.01	PF	0.046	0.032	0.056	0.5	0.045	0.02	0.02
Roof	HAE6013A, 1/2 Wave (380-470MHz)	4.15	380.0125	54.0	52.9	CW	E	0.98	PF	0.06	0.087	0.083	0.5	0.077	0.04	0.04
Roof	HAE6013A, 1/2 Wave (380-470MHz)	4.15	393.0125	54.0	53.1	CW	E	0.98	PF	0.044	0.093	0.034	0.5	0.057	0.03	0.03
Roof	HAE6013A, 1/2 Wave (380-470MHz)	4.15	406.5000	54.0	53.4	CW	E	0.99	PF	0.025	0.054	0.017	0.5	0.032	0.02	0.02
Roof	HAE6013A, 1/2 Wave (380-470MHz)	4.15	422.0125	54.0	53.5	CW	E	1.00	PF	0.042	0.057	0.062	0.5	0.054	0.03	0.03
Roof	HAE6013A, 1/2 Wave (380-470MHz)	4.15	438.0125	54.0	53.0	CW	E	1.01	PF	0.041	0.050	0.088	0.5	0.060	0.03	0.03
Roof	HAE6013A, 1/2 Wave (380-470MHz)	4.15	450.0125	54.0	53.2	CW	E	1.02	PF	0.042	0.059	0.119	0.5	0.073	0.04	0.04
Roof	HAE6013A, 1/2 Wave (380-470MHz)	4.15	460.0000	54.0	53.1	CW	E	1.03	PF	0.043	0.028	0.059	0.5	0.043	0.02	0.02
Roof	HAE6013A, 1/2 Wave (380-470MHz)	4.15	469.9875	54.0	53.3	CW	E	1.04	PF	0.014	0.025	0.089	0.5	0.043	0.02	0.02

Table I.2 (Continued)
UHF R1 Band - MPE measurement data for Passenger

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurement			DUT Max. TX Factor	Avg. over Body (mW/ cm2)	Calc. P.D. (mW/ cm2)	Max Calc. P.D. (mW/ cm2)
							Passenger Positions									
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		Head/ Top 1/3	Chest/ Middle 1/3	Lower Trunk/ Bottom 1/3				
Roof	HAE6031A, 1/2 Wave (380-520MHz)	4.15	380.0125	54.0	52.9	CW	E	0.98	PF	0.069	0.12	0.126	0.5	0.105	0.05	0.05
Roof	HAE6031A, 1/2 Wave (380-520MHz)	4.15	393.0125	54.0	53.1	CW	E	0.98	PF	0.041	0.088	0.058	0.5	0.062	0.03	0.03
Roof	HAE6031A, 1/2 Wave (380-520MHz)	4.15	406.5000	54.0	53.4	CW	E	0.99	PF	0.031	0.044	0.027	0.5	0.034	0.02	0.02
Roof	HAE6031A, 1/2 Wave (380-520MHz)	4.15	422.0125	54.0	53.5	CW	E	1.00	PF	0.029	0.056	0.049	0.5	0.045	0.02	0.02
Roof	HAE6031A, 1/2 Wave (380-520MHz)	4.15	438.0125	54.0	53.0	CW	E	1.01	PF	0.028	0.051	0.08	0.5	0.053	0.03	0.03
Roof	HAE6031A, 1/2 Wave (380-520MHz)	4.15	450.0125	54.0	53.2	CW	E	1.02	PF	0.081	0.065	0.158	0.5	0.101	0.05	0.05
Roof	HAE6031A, 1/2 Wave (380-520MHz)	4.15	469.9875	54.0	53.3	CW	E	1.04	PF	0.022	0.046	0.116	0.5	0.061	0.03	0.03
Roof	RAE4014ARB, 5/8 Wave (445-470MHz)	7.15	450.0125	54.0	53.2	CW	E	1.02	PF	0.007	0.007	0.027	0.5	0.014	0.01	0.01
Roof	RAE4014ARB, 5/8 Wave (445-470MHz)	7.15	460.0000	54.0	53.1	CW	E	1.03	PF	0.018	0.015	0.019	0.5	0.017	0.01	0.01
Roof	RAE4014ARB, 5/8 Wave (445-470MHz)	7.15	469.9875	54.0	53.3	CW	E	1.04	PF	0.014	0.008	0.011	0.5	0.011	0.01	0.01
Roof	HAE4011A, 1/2 Wave (450-470MHz)	5.65	450.0125	54.0	53.2	CW	E	1.02	PF	0.033	0.028	0.029	0.5	0.030	0.02	0.02
Roof	HAE4011A, 1/2 Wave (450-470MHz)	5.65	460.0000	54.0	53.1	CW	E	1.03	PF	0.022	0.017	0.023	0.5	0.021	0.01	0.01
Roof	HAE4011A, 1/2 Wave (450-470MHz)	5.65	469.9875	54.0	53.3	CW	E	1.04	PF	0.006	0.01	0.026	0.5	0.014	0.01	0.01
Roof	HAE4003A, 1/4 Wave (450-470MHz)	2.15	450.0125	54.0	53.2	CW	E	1.02	PF	0.028	0.059	0.116	0.5	0.068	0.03	0.04
Roof	HAE4003A, 1/4 Wave (450-470MHz)	2.15	460.0000	54.0	53.1	CW	E	1.03	PF	0.062	0.041	0.074	0.5	0.059	0.03	0.03
Roof	HAE4003A, 1/4 Wave (450-470MHz)	2.15	469.9875	54.0	53.3	CW	E	1.04	PF	0.04	0.042	0.089	0.5	0.057	0.03	0.03

MPE calculations are defined in section 14.0.

Table I.2 (Continued)
UHF R1 Band - MPE measurement data for Passenger

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurement			DUT Max. TX Factor	Avg. over Body (mW/ cm2)	Calc. P.D. (mW/ cm2)	Max Calc. P.D. (mW/ cm2)
										Passenger Positions						
										Ant Loc.	Ant. Model/ Desc.	Ant. Gain (dBi)				
Roof	HAE6016A, 1/4 Wave (450-512MHz)	2.15	450.0125	54.0	53.2	CW	E	1.02	PF	0.044	0.038	0.075	0.5	0.052	0.03	0.03
Roof	HAE6016A, 1/4 Wave (450-512MHz)	2.15	460.0000	54.0	53.1	CW	E	1.03	PF	0.061	0.04	0.08	0.5	0.060	0.03	0.03
Roof	HAE6016A, 1/4 Wave (450-512MHz)	2.15	469.9875	54.0	53.3	CW	E	1.04	PF	0.024	0.024	0.082	0.5	0.043	0.02	0.02
Roof	HAE6015A, 1/2 Wave (450-520MHz)	4.15	450.0125	54.0	53.2	CW	E	1.02	PF	0.072	0.074	0.13	0.5	0.092	0.05	0.05
Roof	HAE6015A, 1/2 Wave (450-520MHz)	4.15	460.0000	54.0	53.1	CW	E	1.03	PF	0.065	0.028	0.114	0.5	0.069	0.04	0.04
Roof	HAE6015A, 1/2 Wave (450-520MHz)	4.15	469.9875	54.0	53.3	CW	E	1.04	PF	0.038	0.031	0.127	0.5	0.065	0.03	0.03

Appendix J – MPE Measurement Results for LMR UHF2

Table J.1
UHF R2 Band - MPE measurement data for Bystander

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurement										DUT Max. TX Factor	Avg. over Body (mW/cm2)	Calc. P.D. (mW/cm2)	Max Calc. P.D. (mW/cm2)
										Bystander (BS) Positions													
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		20 cm	40 cm	60 cm	80 cm	100 cm	120 cm	140 cm	160 cm	180 cm	200 cm				
Trunk	AN000131A01, 1/4 wave (136-870MHz)	2.15	450.0125	54.0	53.2	CW	E	1.02	BS	0.148	0.097	0.169	0.149	0.285	0.303	0.334	0.41	0.477	0.428	0.5	0.280	0.14	0.14
Trunk	AN000131A01, 1/4 wave (136-870MHz)	2.15	469.9875	54.0	53.3	CW	E	1.04	BS	0.091	0.055	0.146	0.175	0.267	0.269	0.341	0.371	0.421	0.329	0.5	0.247	0.13	0.13
Trunk	AN000131A01, 1/4 wave (136-870MHz)	2.15	482.5000	54.0	53.5	CW	E	1.05	BS	0.084	0.071	0.12	0.157	0.254	0.303	0.345	0.383	0.377	0.288	0.5	0.238	0.13	0.13
Trunk	AN000131A01, 1/4 wave (136-870MHz)	2.15	496.5000	48.0	46.7	CW	E	1.06	BS	0.088	0.083	0.144	0.189	0.301	0.34	0.363	0.375	0.376	0.304	0.5	0.256	0.14	0.14
Trunk	AN000131A01, 1/4 wave (136-870MHz)	2.15	511.9875	48.0	47.5	CW	E	1.06	BS	0.058	0.068	0.088	0.136	0.199	0.239	0.169	0.217	0.219	0.191	0.5	0.195	0.10	0.10
Trunk	AN000131A01, 1/4 wave (136-870MHz)	2.15	519.9875	30.0	30.0	CW	E	1.07	BS	0.052	0.07	0.085	0.148	0.214	0.21	0.139	0.159	0.171	0.156	0.5	0.140	0.08	0.08
Trunk	HAE6013A, 1/2 Wave (380-470MHz)	4.15	450.0125	54.0	53.2	CW	E	1.02	BS	0.102	0.063	0.128	0.17	0.362	0.498	0.515	0.39	0.209	0.106	0.5	0.254	0.13	0.13
Trunk	HAE6013A, 1/2 Wave (380-470MHz)	4.15	460.0000	54.0	53.1	CW	E	1.03	BS	0.061	0.032	0.076	0.112	0.274	0.407	0.377	0.279	0.14	0.056	0.5	0.181	0.09	0.10
Trunk	HAE6013A, 1/2 Wave (380-470MHz)	4.15	469.9875	54.0	53.3	CW	E	1.04	BS	0.061	0.039	0.124	0.189	0.389	0.509	0.528	0.357	0.177	0.084	0.5	0.246	0.13	0.13
Trunk	HAE6031A, 1/2 Wave (380-520MHz)	4.15	450.0125	54.0	53.2	CW	E	1.02	BS	0.123	0.068	0.154	0.188	0.434	0.567	0.577	0.459	0.257	0.119	0.5	0.295	0.15	0.15
Trunk	HAE6031A, 1/2 Wave (380-520MHz)	4.15	469.9875	54.0	53.3	CW	E	1.04	BS	0.064	0.049	0.133	0.206	0.416	0.542	0.564	0.387	0.214	0.096	0.5	0.267	0.14	0.14
Trunk	HAE6031A, 1/2 Wave (380-520MHz)	4.15	482.5000	54.0	53.5	CW	E	1.05	BS	0.07	0.061	0.108	0.155	0.35	0.555	0.547	0.391	0.217	0.11	0.5	0.256	0.13	0.14
Trunk	HAE6031A, 1/2 Wave (380-520MHz)	4.15	496.5000	48.0	46.7	CW	E	1.06	BS	0.07	0.07	0.121	0.194	0.405	0.562	0.492	0.308	0.147	0.068	0.5	0.244	0.13	0.13
Trunk	HAE6031A, 1/2 Wave (380-520MHz)	4.15	511.9875	48.0	47.5	CW	E	1.06	BS	0.048	0.07	0.089	0.151	0.349	0.484	0.359	0.205	0.104	0.064	0.5	0.192	0.10	0.10
Trunk	HAE6031A, 1/2 Wave (380-520MHz)	4.15	519.9875	30.0	30.0	CW	E	1.07	BS	0.044	0.049	0.067	0.131	0.27	0.351	0.28	0.197	0.117	0.075	0.5	0.158	0.08	0.08

MPE calculations are defined in section 14.0.

Table J.1 (Continued)
UHF R2 Band - MPE measurement data for Bystander

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurement										DUT Max. TX Factor	Avg. over Body (mW/cm2)	Calc. P.D. (mW/cm2)	Max Calc. P.D. (mW/cm2)
										Bystander (BS) Positions													
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		20 cm	40 cm	60 cm	80 cm	100 cm	120 cm	140 cm	160 cm	180 cm	200 cm				
Trunk	RAE4014ARB, 5/8 Wave (445-470MHz)	7.15	450.0125	54.0	53.2	CW	E	1.02	BS	0.035	0.02	0.027	0.017	0.066	0.218	0.36	0.297	0.091	0.036	0.5	0.117	0.06	0.06
Trunk	RAE4014ARB, 5/8 Wave (445-470MHz)	7.15	460.0000	54.0	53.1	CW	E	1.03	BS	0.025	0.013	0.021	0.016	0.078	0.256	0.406	0.323	0.091	0.032	0.5	0.126	0.06	0.07
Trunk	RAE4014ARB, 5/8 Wave (445-470MHz)	7.15	469.9875	54.0	53.3	CW	E	1.04	BS	0.025	0.014	0.035	0.037	0.133	0.39	0.574	0.526	0.241	0.082	0.5	0.206	0.11	0.11
Trunk	HAE4011A, 1/2 Wave (450-470MHz)	5.65	450.0125	54.0	53.2	CW	E	1.02	BS	0.013	0.013	0.025	0.075	0.248	0.615	0.715	0.429	0.109	0.063	0.5	0.231	0.12	0.12
Trunk	HAE4011A, 1/2 Wave (450-470MHz)	5.65	460.0000	54.0	53.1	CW	E	1.03	BS	0.01	0.007	0.017	0.042	0.182	0.442	0.491	0.295	0.079	0.051	0.5	0.162	0.08	0.08
Trunk	HAE4011A, 1/2 Wave (450-470MHz)	5.65	469.9875	54.0	53.3	CW	E	1.04	BS	0.01	0.011	0.027	0.051	0.183	0.428	0.539	0.324	0.101	0.071	0.5	0.175	0.09	0.09
Trunk	HAE6015A, 1/2 Wave (450-520MHz)	4.15	450.0125	54.0	53.2	CW	E	1.02	BS	0.116	0.07	0.151	0.187	0.417	0.569	0.587	0.458	0.271	0.136	0.5	0.296	0.15	0.15
Trunk	HAE6015A, 1/2 Wave (450-520MHz)	4.15	460.0000	54.0	53.1	CW	E	1.03	BS	0.049	0.047	0.116	0.164	0.406	0.565	0.568	0.464	0.248	0.107	0.5	0.273	0.14	0.14
Trunk	HAE6015A, 1/2 Wave (450-520MHz)	4.15	469.9875	54.0	53.3	CW	E	1.04	BS	0.069	0.051	0.138	0.225	0.426	0.576	0.608	0.446	0.238	0.109	0.5	0.289	0.15	0.15
Trunk	HAE6015A, 1/2 Wave (450-520MHz)	4.15	482.5000	54.0	53.5	CW	E	1.05	BS	0.075	0.06	0.104	0.157	0.377	0.549	0.556	0.415	0.253	0.135	0.5	0.268	0.14	0.14
Trunk	HAE6015A, 1/2 Wave (450-520MHz)	4.15	496.5000	48.0	46.7	CW	E	1.06	BS	0.069	0.069	0.13	0.193	0.402	0.585	0.599	0.369	0.17	0.091	0.5	0.268	0.14	0.15
Trunk	HAE6015A, 1/2 Wave (450-520MHz)	4.15	511.9875	48.0	47.5	CW	E	1.06	BS	0.052	0.063	0.074	0.127	0.281	0.422	0.366	0.186	0.091	0.058	0.5	0.172	0.09	0.09
Trunk	HAE6015A, 1/2 Wave (450-520MHz)	4.15	519.9875	30.0	30.0	CW	E	1.07	BS	0.037	0.043	0.067	0.122	0.148	0.35	0.282	0.175	0.15	0.058	0.5	0.143	0.08	0.08
Trunk	HAE4012A, 1/2 Wave (470-495MHz)	5.65	470.0125	54.0	53.2	CW	E	1.04	BS	0.004	0.007	0.024	0.06	0.283	0.692	0.847	0.599	0.13	0.056	0.5	0.270	0.14	0.14
Trunk	HAE4012A, 1/2 Wave (470-495MHz)	5.65	482.5000	54.0	53.5	CW	E	1.05	BS	0.016	0.018	0.021	0.038	0.196	0.482	0.527	0.466	0.433	0.063	0.5	0.186	0.10	0.10
Trunk	HAE4012A, 1/2 Wave (470-495MHz)	5.65	494.9875	48.0	46.6	CW	E	1.06	BS	0.013	0.015	0.029	0.048	0.184	0.418	0.497	0.297	0.082	0.065	0.5	0.165	0.09	0.09

MPE calculations are defined in section 14.0.

Table J.1 (Continued)
UHF R2 Band - MPE measurement data for Bystander

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurement										DUT Max. TX Factor	Avg. over Body (mW/cm2)	Calc. P.D. (mW/cm2)	Max Calc. P.D. (mW/cm2)
										Bystander (BS) Positions													
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		20 cm	40 cm	60 cm	80 cm	100 cm	120 cm	140 cm	160 cm	180 cm	200 cm				
Trunk	RAE4015ARM, 5/8 Wave (470-494MHz)	7.15	470.0125	54.0	53.2	CW	E	1.04	BS	0.022	0.01	0.014	0.006	0.039	0.258	0.519	0.469	0.214	0.105	0.5	0.166	0.09	0.09
Trunk	RAE4015ARM, 5/8 Wave (470-494MHz)	7.15	482.5000	54.0	53.5	CW	E	1.05	BS	0.019	0.015	0.016	0.011	0.088	0.297	0.497	0.505	0.273	0.089	0.5	0.181	0.10	0.10
Trunk	RAE4015ARM, 5/8 Wave (470-494MHz)	7.15	493.9875	48.0	46.6	CW	E	1.06	BS	0.018	0.015	0.018	0.029	0.118	0.297	0.401	0.237	0.099	0.027	0.5	0.192	0.10	0.10
Trunk	HAE4013A, 1/2 Wave (494-512MHz)	5.65	494.9875	48.0	46.6	CW	E	1.06	BS	0.017	0.015	0.051	0.132	0.377	0.63	0.56	0.237	0.043	0.094	0.5	0.216	0.11	0.12
Trunk	HAE4013A, 1/2 Wave (494-512MHz)	5.65	503.0000	48.0	47.1	CW	E	1.06	BS	0.009	0.015	0.039	0.093	0.285	0.547	0.469	0.198	0.044	0.092	0.5	0.179	0.09	0.10
Trunk	HAE4013A, 1/2 Wave (494-512MHz)	5.65	511.9875	48.0	47.5	CW	E	1.06	BS	0.008	0.011	0.016	0.043	0.177	0.391	0.366	0.144	0.032	0.06	0.5	0.125	0.07	0.07
Trunk	RAE4016ARB, 5/8 Wave (494-512MHz)	7.15	494.9875	48.0	46.6	CW	E	1.06	BS	0.024	0.021	0.023	0.015	0.067	0.303	0.451	0.355	0.123	0.094	0.5	0.148	0.08	0.08
Trunk	RAE4016ARB, 5/8 Wave (494-512MHz)	7.15	503.0000	48.0	47.1	CW	E	1.06	BS	0.024	0.025	0.023	0.014	0.099	0.34	0.429	0.263	0.059	0.062	0.5	0.134	0.07	0.07
Trunk	RAE4016ARB, 5/8 Wave (494-512MHz)	7.15	511.9875	48.0	46.6	CW	E	1.06	BS	0.025	0.026	0.017	0.019	0.075	0.24	0.405	0.345	0.156	0.048	0.5	0.136	0.07	0.07
45 Degree																							
Trunk	HAE6015A, 1/2 Wave (450-520MHz)	4.15	450.0125	54	53.2	CW	E	1.02	BS	0.025	0.065	0.131	0.312	0.122	0.116	0.115	0.531	0.332	0.228	0.5	0.198	0.10	0.10
90 Degree																							
Trunk	HAE6015A, 1/2 Wave (450-520MHz)	4.15	450.0125	54	53.2	CW	E	1.02	BS	0.049	0.054	0.119	0.108	0.255	0.428	0.465	0.294	0.135	0.064	0.5	0.197	0.10	0.10

MPE calculations are defined in section 14.0.

Table J.1 (Continued)
UHF R2 Band - MPE measurement data for Bystander

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurement									DUT Max. TX Factor	Avg. over Body (mW/cm2)	Calc. P.D. (mW/cm2)	Max Calc. P.D. (mW/cm2)	
										Bystander (BS) Positions													
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		20 cm	40 cm	60 cm	80 cm	100 cm	120 cm	140 cm	160 cm	180 cm					200 cm
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	450.0125	54.0	53.2	CW	E	1.02	BS	0.031	0.044	0.085	0.148	0.153	0.202	0.214	0.286	0.342	0.422	0.5	0.193	0.10	0.10
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	469.9875	54.0	53.3	CW	E	1.04	BS	0.024	0.05	0.078	0.157	0.182	0.24	0.26	0.283	0.272	0.306	0.5	0.185	0.10	0.10
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	482.5000	54.0	53.5	CW	E	1.05	BS	0.015	0.044	0.05	0.092	0.124	0.156	0.194	0.214	0.246	0.298	0.5	0.143	0.08	0.08
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	496.5000	48.0	46.7	CW	E	1.06	BS	0.022	0.049	0.041	0.119	0.164	0.197	0.254	0.248	0.24	0.342	0.5	0.168	0.09	0.09
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	511.9875	48.0	47.5	CW	E	1.06	BS	0.022	0.042	0.048	0.127	0.121	0.118	0.197	0.204	0.182	0.238	0.5	0.130	0.07	0.07
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	519.9875	30.0	30.0	CW	E	1.07	BS	0.021	0.039	0.05	0.109	0.104	0.101	0.194	0.189	0.14	0.204	0.5	0.115	0.06	0.06
Roof	HAE6013A, 1/2 Wave (380-470MHz)	4.15	450.0125	54.0	53.2	CW	E	1.02	BS	0.019	0.033	0.088	0.107	0.12	0.174	0.32	0.482	0.555	0.461	0.5	0.236	0.12	0.12
Roof	HAE6013A, 1/2 Wave (380-470MHz)	4.15	460.0000	54.0	53.1	CW	E	1.03	BS	0.011	0.027	0.048	0.088	0.108	0.162	0.291	0.422	0.431	0.311	0.5	0.190	0.10	0.10
Roof	HAE6013A, 1/2 Wave (380-470MHz)	4.15	469.9875	54.0	53.3	CW	E	1.04	BS	0.019	0.035	0.051	0.101	0.13	0.208	0.286	0.431	0.449	0.372	0.5	0.208	0.11	0.11
Roof	HAE6031A, 1/2 Wave (380-520MHz)	4.15	450.0125	54.0	53.2	CW	E	1.02	BS	0.021	0.039	0.067	0.119	0.142	0.192	0.339	0.531	0.524	0.514	0.5	0.249	0.13	0.13
Roof	HAE6031A, 1/2 Wave (380-520MHz)	4.15	469.9875	54.0	53.3	CW	E	1.04	BS	0.019	0.032	0.054	0.107	0.109	0.215	0.31	0.448	0.481	0.406	0.5	0.218	0.11	0.11
Roof	HAE6031A, 1/2 Wave (380-520MHz)	4.15	482.5000	54.0	53.5	CW	E	1.05	BS	0.017	0.04	0.071	0.089	0.132	0.177	0.321	0.487	0.54	0.445	0.5	0.232	0.12	0.12
Roof	HAE6031A, 1/2 Wave (380-520MHz)	4.15	496.5000	48.0	46.7	CW	E	1.06	BS	0.017	0.03	0.067	0.097	0.141	0.183	0.297	0.414	0.503	0.461	0.5	0.221	0.12	0.12
Roof	HAE6031A, 1/2 Wave (380-520MHz)	4.15	511.9875	48.0	47.5	CW	E	1.06	BS	0.02	0.031	0.035	0.108	0.092	0.126	0.308	0.459	0.471	0.41	0.5	0.174	0.09	0.09
Roof	HAE6031A, 1/2 Wave (380-520MHz)	4.15	519.9875	30.0	30.0	CW	E	1.07	BS	0.015	0.028	0.042	0.085	0.074	0.091	0.219	0.295	0.338	0.268	0.5	0.146	0.08	0.08

MPE calculations are defined in section 14.0.

Table J.1 (Continued)
UHF R2 Band - MPE measurement data for Bystander

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurement										DUT Max. TX Factor	Avg. over Body (mW/cm2)	Calc. P.D. (mW/cm2)	Max Calc. P.D. (mW/cm2)
										Bystander (BS) Positions													
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		20 cm	40 cm	60 cm	80 cm	100 cm	120 cm	140 cm	160 cm	180 cm	200 cm				
Roof	RAE4014ARB, 5/8 Wave (445-470MHz)	7.15	450.0125	54.0	53.2	CW	E	1.02	BS	0.007	0.011	0.013	0.022	0.025	0.048	0.051	0.196	0.389	0.349	0.5	0.111	0.06	0.06
Roof	RAE4014ARB, 5/8 Wave (445-470MHz)	7.15	460.0000	54.0	53.1	CW	E	1.03	BS	0.004	0.007	0.018	0.025	0.026	0.031	0.069	0.209	0.359	0.295	0.5	0.104	0.05	0.05
Roof	RAE4014ARB, 5/8 Wave (445-470MHz)	7.15	469.9875	54.0	53.3	CW	E	1.04	BS	0.009	0.012	0.016	0.029	0.03	0.034	0.072	0.224	0.446	0.448	0.5	0.132	0.07	0.07
Roof	HAE4011A, 1/2 Wave (450-470MHz)	5.65	450.0125	54.0	53.2	CW	E	1.02	BS	0.003	0.005	0.007	0.012	0.025	0.04	0.156	0.501	0.768	0.584	0.5	0.210	0.11	0.11
Roof	HAE4011A, 1/2 Wave (450-470MHz)	5.65	460.0000	54.0	53.1	CW	E	1.03	BS	0.002	0.008	0.01	0.012	0.017	0.031	0.12	0.331	0.485	0.346	0.5	0.136	0.07	0.07
Roof	HAE4011A, 1/2 Wave (450-470MHz)	5.65	469.9875	54.0	53.3	CW	E	1.04	BS	0.003	0.006	0.012	0.015	0.028	0.035	0.106	0.281	0.448	0.353	0.5	0.129	0.07	0.07
Roof	HAE4003A, 1/4 Wave (450-470MHz)	2.15	450.0125	54.0	53.2	CW	E	1.02	BS	0.021	0.043	0.075	0.113	0.132	0.168	0.3	0.473	0.643	0.556	0.5	0.200	0.10	0.10
Roof	HAE4003A, 1/4 Wave (450-470MHz)	2.15	460.0000	54.0	53.1	CW	E	1.03	BS	0.006	0.015	0.055	0.11	0.124	0.189	0.315	0.487	0.523	0.433	0.5	0.226	0.12	0.12
Roof	HAE4003A, 1/4 Wave (450-470MHz)	2.15	469.9875	54.0	53.3	CW	E	1.04	BS	0.015	0.026	0.043	0.087	0.132	0.175	0.248	0.379	0.454	0.425	0.5	0.198	0.10	0.10
Roof	HAE6016A, 1/4 Wave (450-512MHz)	2.15	450.0125	54.0	53.2	CW	E	1.02	BS	0.023	0.034	0.074	0.106	0.14	0.176	0.28	0.44	0.558	0.545	0.5	0.238	0.12	0.12
Roof	HAE6016A, 1/4 Wave (450-512MHz)	2.15	460.0000	54.0	53.1	CW	E	1.03	BS	0.016	0.036	0.055	0.091	0.119	0.169	0.295	0.466	0.537	0.449	0.5	0.223	0.11	0.12
Roof	HAE6016A, 1/4 Wave (450-512MHz)	2.15	469.9875	54.0	53.3	CW	E	1.04	BS	0.018	0.031	0.043	0.086	0.11	0.17	0.264	0.401	0.483	0.446	0.5	0.205	0.11	0.11
Roof	HAE6016A, 1/4 Wave (450-512MHz)	2.15	482.5000	54.0	53.5	CW	E	1.05	BS	0.017	0.041	0.043	0.087	0.129	0.175	0.311	0.497	0.524	0.572	0.5	0.240	0.13	0.13
Roof	HAE6016A, 1/4 Wave (450-512MHz)	2.15	496.5000	48.0	46.7	CW	E	1.06	BS	0.012	0.039	0.052	0.079	0.108	0.134	0.237	0.35	0.469	0.489	0.5	0.197	0.10	0.11
Roof	HAE6016A, 1/4 Wave (450-512MHz)	2.15	511.9875	48.0	47.5	CW	E	1.06	BS	0.02	0.028	0.033	0.114	0.115	0.117	0.263	0.448	0.539	0.54	0.5	0.222	0.12	0.12

MPE calculations are defined in section 14.0.

Table J.1 (Continued)
UHF R2 Band - MPE measurement data for Bystander

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurement										DUT Max. TX Factor	Avg. over Body (mW/cm2)	Calc. P.D. (mW/cm2)	Max Calc. P.D. (mW/cm2)
										Bystander (BS) Positions													
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		20 cm	40 cm	60 cm	80 cm	100 cm	120 cm	140 cm	160 cm	180 cm	200 cm				
Roof	HAE6015A, 1/2 Wave (450-520MHz)	4.15	450.0125	54.0	53.2	CW	E	1.02	BS	0.021	0.036	0.062	0.107	0.137	0.165	0.311	0.476	0.581	0.495	0.5	0.239	0.12	0.12
Roof	HAE6015A, 1/2 Wave (450-520MHz)	4.15	460.0000	54.0	53.1	CW	E	1.03	BS	0.008	0.025	0.046	0.111	0.143	0.214	0.372	0.545	0.568	0.423	0.5	0.246	0.13	0.13
Roof	HAE6015A, 1/2 Wave (450-520MHz)	4.15	469.9875	54.0	53.3	CW	E	1.04	BS	0.021	0.034	0.054	0.11	0.151	0.217	0.31	0.461	0.494	0.431	0.5	0.228	0.12	0.12
Roof	HAE6015A, 1/2 Wave (450-520MHz)	4.15	482.5000	54.0	53.5	CW	E	1.05	BS	0.014	0.033	0.043	0.097	0.133	0.184	0.363	0.542	0.569	0.456	0.5	0.243	0.13	0.13
Roof	HAE6015A, 1/2 Wave (450-520MHz)	4.15	496.5000	48.0	46.7	CW	E	1.06	BS	0.013	0.028	0.036	0.131	0.155	0.163	0.29	0.425	0.536	0.488	0.5	0.227	0.12	0.12
Roof	HAE6015A, 1/2 Wave (450-520MHz)	4.15	511.9875	48.0	47.5	CW	E	1.06	BS	0.017	0.027	0.044	0.119	0.108	0.102	0.259	0.363	0.428	0.399	0.5	0.187	0.10	0.10
Roof	HAE6015A, 1/2 Wave (450-520MHz)	4.15	519.9875	30.0	30.0	CW	E	1.07	BS	0.01	0.026	0.049	0.091	0.08	0.088	0.208	0.272	0.324	0.267	0.5	0.142	0.08	0.08
Roof	HAE4012A, 1/2 Wave (470-495MHz)	5.65	470.0125	54.0	53.2	CW	E	1.04	BS	0.002	0.003	0.005	0.009	0.02	0.044	0.181	0.486	0.428	0.416	0.5	0.159	0.08	0.08
Roof	HAE4012A, 1/2 Wave (470-495MHz)	5.65	482.5000	54.0	53.5	CW	E	1.05	BS	0.002	0.005	0.008	0.01	0.03	0.049	0.169	0.413	0.583	0.426	0.5	0.170	0.09	0.09
Roof	HAE4012A, 1/2 Wave (470-495MHz)	5.65	494.9875	48.0	46.6	CW	E	1.06	BS	0.002	0.01	0.018	0.024	0.032	0.042	0.124	0.313	0.454	0.346	0.5	0.137	0.07	0.07
Roof	HAE4004A, 1/4 Wave (470-512MHz)	2.15	470.0125	54.0	53.2	CW	E	1.04	BS	0.023	0.036	0.06	0.13	0.143	0.194	0.307	0.467	0.526	0.485	0.5	0.237	0.12	0.13
Roof	HAE4004A, 1/4 Wave (470-512MHz)	2.15	482.5000	54.0	53.5	CW	E	1.05	BS	0.015	0.044	0.048	0.108	0.139	0.182	0.337	0.513	0.602	0.518	0.5	0.251	0.13	0.13
Roof	HAE4004A, 1/4 Wave (470-512MHz)	2.15	496.5000	48.0	46.7	CW	E	1.06	BS	0.01	0.029	0.035	0.116	0.132	0.137	0.226	0.357	0.468	0.465	0.5	0.198	0.10	0.11
Roof	HAE4004A, 1/4 Wave (470-512MHz)	2.15	511.9875	48.0	47.5	CW	E	1.06	BS	0.015	0.028	0.046	0.118	0.111	0.102	0.24	0.371	0.421	0.432	0.5	0.188	0.10	0.10
Roof	RAE4015ARM, 5/8 Wave (470-494MHz)	7.15	470.0125	54.0	53.2	CW	E	1.04	BS	0.006	0.009	0.011	0.019	0.02	0.01	0.03	0.171	0.436	0.471	0.5	0.118	0.06	0.06
Roof	RAE4015ARM, 5/8 Wave (470-494MHz)	7.15	482.5000	54.0	53.5	CW	E	1.05	BS	0.005	0.008	0.009	0.023	0.02	0.025	0.085	0.285	0.544	0.499	0.5	0.150	0.08	0.08
Roof	RAE4015ARM, 5/8 Wave (470-494MHz)	7.15	493.9875	48.0	46.4	CW	E	1.06	BS	0.003	0.004	0.006	0.021	0.028	0.03	0.085	0.247	0.422	0.371	0.5	0.122	0.06	0.07

MPE calculations are defined in section 14.0.

Table J.1 (Continued)
UHF R2 Band - MPE measurement data for Bystander

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurement										DUT Max. TX Factor	Avg. over Body (mW/cm2)	Calc. P.D. (mW/cm2)	Max Calc. P.D. (mW/cm2)
										Bystander (BS) Positions													
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		20 cm	40 cm	60 cm	80 cm	100 cm	120 cm	140 cm	160 cm	180 cm	200 cm				
Roof	HAE4013A, 1/2 Wave (494-512MHz)	5.65	494.9875	48.0	46.6	CW	E	1.06	BS	0.001	0.005	0.006	0.026	0.057	0.107	0.28	0.58	0.675	0.426	0.5	0.216	0.11	0.12
Roof	HAE4013A, 1/2 Wave (494-512MHz)	5.65	503.0000	48.0	47.1	CW	E	1.06	BS	0.004	0.006	0.011	0.032	0.037	0.062	0.247	0.582	0.668	0.363	0.5	0.201	0.11	0.11
Roof	HAE4013A, 1/2 Wave (494-512MHz)	5.65	511.9875	48.0	47.5	CW	E	1.06	BS	0.004	0.007	0.008	0.023	0.026	0.042	0.162	0.368	0.463	0.306	0.5	0.141	0.07	0.08
Roof	RAE4016ARB, 5/8 Wave (494-512MHz)	7.15	494.9875	48.0	46.6	CW	E	1.06	BS	0.005	0.008	0.018	0.045	0.04	0.025	0.046	0.208	0.461	0.436	0.5	0.129	0.07	0.07
Roof	RAE4016ARB, 5/8 Wave (494-512MHz)	7.15	503.0000	48.0	47.1	CW	E	1.06	BS	0.009	0.012	0.024	0.047	0.034	0.026	0.075	0.299	0.525	0.391	0.5	0.144	0.08	0.08
Roof	RAE4016ARB, 5/8 Wave (494-512MHz)	7.15	511.9875	48.0	46.4	CW	E	1.06	BS	0.011	0.016	0.024	0.05	0.04	0.024	0.064	0.241	0.47	0.461	0.5	0.140	0.07	0.08

MPE calculations are defined in section 14.0.

Table J.2
UHF R2 Band - MPE measurement data for Passenger

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurement			DUT Max. TX Factor	Avg. over Body (mW/ cm2)	Calc. P.D. (mW/ cm2)	Max Calc. P.D. (mW/ cm2)
							Passenger Positions									
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		Head/ Top 1/3	Chest/ Middle 1/3	Lower Trunk/ Bottom 1/3				
Trunk	AN000131A01, 1/4 wave (136-870MHz)	2.15	450.0125	54.0	53.2	CW	E	1.02	PB	0.321	0.176	0.233	0.5	0.243	0.12	0.13
Trunk	AN000131A01, 1/4 wave (136-870MHz)	2.15	469.9875	54.0	53.3	CW	E	1.04	PB	0.331	0.181	0.214	0.5	0.242	0.13	0.13
Trunk	AN000131A01, 1/4 wave (136-870MHz)	2.15	482.5000	54.0	53.5	CW	E	1.05	PB	0.439	0.152	0.229	0.5	0.273	0.14	0.14
Trunk	AN000131A01, 1/4 wave (136-870MHz)	2.15	496.5000	48.0	46.7	CW	E	1.06	PB	0.316	0.264	0.198	0.5	0.259	0.14	0.14
Trunk	AN000131A01, 1/4 wave (136-870MHz)	2.15	511.9875	48.0	47.5	CW	E	1.06	PB	0.338	0.329	0.065	0.5	0.244	0.13	0.13
Trunk	AN000131A01, 1/4 wave (136-870MHz)	2.15	519.9875	30.0	30.0	CW	E	1.07	PB	0.179	0.306	0.091	0.5	0.192	0.10	0.10
Trunk	HAE6013A, 1/2 Wave (380-470MHz)	4.15	450.0125	54.0	53.2	CW	E	1.02	PB	0.997	0.474	0.692	0.5	0.721	0.37	0.37
Trunk	HAE6013A, 1/2 Wave (380-470MHz)	4.15	460.0000	54.0	53.1	CW	E	1.03	PB	0.835	0.46	0.632	0.5	0.642	0.33	0.34
Trunk	HAE6013A, 1/2 Wave (380-470MHz)	4.15	469.9875	54.0	53.3	CW	E	1.04	PB	0.887	0.573	0.632	0.5	0.697	0.36	0.37
Trunk	HAE6031A, 1/2 Wave (380-520MHz)	4.15	450.0125	54.0	53.2	CW	E	1.02	PB	1.143	0.526	0.766	0.5	0.812	0.41	0.42
Trunk	HAE6031A, 1/2 Wave (380-520MHz)	4.15	469.9875	54.0	53.3	CW	E	1.04	PB	0.9	0.584	0.978	0.5	0.821	0.43	0.43
Trunk	HAE6031A, 1/2 Wave (380-520MHz)	4.15	482.5000	54.0	53.5	CW	E	1.05	PB	0.653	0.255	0.761	0.5	0.556	0.29	0.29
Trunk	HAE6031A, 1/2 Wave (380-520MHz)	4.15	496.5000	48.0	46.7	CW	E	1.06	PB	0.415	0.313	0.238	0.5	0.322	0.17	0.18
Trunk	HAE6031A, 1/2 Wave (380-520MHz)	4.15	511.9875	48.0	47.5	CW	E	1.06	PB	0.338	0.342	0.736	0.5	0.472	0.25	0.25
Trunk	HAE6031A, 1/2 Wave (380-520MHz)	4.15	519.9875	30.0	30.0	CW	E	1.07	PB	0.213	0.515	0.195	0.5	0.308	0.16	0.16

MPE calculations are defined in section 14.0.

Table J.2 (Continued)
UHF R2 Band - MPE measurement data for Passenger

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurement			DUT Max. TX Factor	Avg. over Body (mW/ cm2)	Calc. P.D. (mW/ cm2)	Max Calc. P.D. (mW/ cm2)
							B Passenger Positions									
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		Head/ Top 1/3	Chest/ Middle 1/3	Lower Trunk/ Bottom 1/3				
Trunk	RAE4014ARB, 5/8 Wave (445-470MHz)	7.15	450.0125	54.0	53.2	CW	E	1.02	PB	0.095	0.072	0.075	0.5	0.081	0.04	0.04
Trunk	RAE4014ARB, 5/8 Wave (445-470MHz)	7.15	460.0000	54.0	53.1	CW	E	1.03	PB	0.316	0.099	0.079	0.5	0.165	0.08	0.09
Trunk	RAE4014ARB, 5/8 Wave (445-470MHz)	7.15	469.9875	54.0	53.3	CW	E	1.04	PB	0.35	0.168	0.101	0.5	0.206	0.11	0.11
Trunk	HAE4011A, 1/2 Wave (450-470MHz)	5.65	450.0125	54.0	53.2	CW	E	1.02	PB	0.614	0.397	0.135	0.5	0.382	0.19	0.20
Trunk	HAE4011A, 1/2 Wave (450-470MHz)	5.65	460.0000	54.0	53.1	CW	E	1.03	PB	0.383	0.156	0.297	0.5	0.279	0.14	0.15
Trunk	HAE4011A, 1/2 Wave (450-470MHz)	5.65	469.9875	54.0	53.3	CW	E	1.04	PB	0.414	0.202	0.233	0.5	0.283	0.15	0.15
Trunk	HAE6015A, 1/2 Wave (450-520MHz)	4.15	450.0125	54.0	53.2	CW	E	1.02	PB	1.053	0.466	0.529	0.5	0.683	0.35	0.35
Trunk	HAE6015A, 1/2 Wave (450-520MHz)	4.15	460.0000	54.0	53.1	CW	E	1.03	PB	0.980	0.207	0.788	0.5	0.658	0.34	0.34
Trunk	HAE6015A, 1/2 Wave (450-520MHz)	4.15	469.9875	54.0	53.3	CW	E	1.04	PB	0.805	0.598	0.579	0.5	0.661	0.34	0.35
Trunk	HAE6015A, 1/2 Wave (450-520MHz)	4.15	482.5000	54.0	53.5	CW	E	1.05	PB	0.609	0.245	0.732	0.5	0.529	0.28	0.28
Trunk	HAE6015A, 1/2 Wave (450-520MHz)	4.15	496.5000	48.0	46.7	CW	E	1.06	PB	0.397	0.305	0.294	0.5	0.332	0.18	0.18
Trunk	HAE6015A, 1/2 Wave (450-520MHz)	4.15	511.9875	48.0	47.5	CW	E	1.06	PB	0.469	0.488	0.432	0.5	0.463	0.25	0.25
Trunk	HAE6015A, 1/2 Wave (450-520MHz)	4.15	519.9875	30.0	30.0	CW	E	1.07	PB	0.186	0.315	0.201	0.5	0.234	0.13	0.13
Trunk	HAE4012A, 1/2 Wave (470-495MHz)	5.65	470.0125	54.0	53.2	CW	E	1.04	PB	0.667	0.322	0.469	0.5	0.486	0.25	0.26
Trunk	HAE4012A, 1/2 Wave (470-495MHz)	5.65	482.5000	54.0	53.5	CW	E	1.05	PB	0.379	0.149	0.36	0.5	0.296	0.16	0.16
Trunk	HAE4012A, 1/2 Wave (470-495MHz)	5.65	494.9875	48.0	46.6	CW	E	1.06	PB	0.175	0.133	0.081	0.5	0.130	0.07	0.07

MPE calculations are defined in section 14.0.

Table J.2 (Continued)
UHF R2 Band - MPE measurement data for Passenger

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurement			DUT Max. TX Factor	Avg. over Body (mW/ cm2)	Calc. P.D. (mW/ cm2)	Max Calc. P.D. (mW/ cm2)
							Passenger Positions									
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		Head/ Top 1/3	Chest/ Middle 1/3	Lower Trunk/ Bottom 1/3				
Trunk	RAE4015ARM, 5/8 Wave (470-494MHz)	7.15	470.0125	54.0	53.2	CW	E	1.04	PB	0.162	0.086	0.108	0.5	0.119	0.06	0.06
Trunk	RAE4015ARM, 5/8 Wave (470-494MHz)	7.15	482.5000	54.0	53.5	CW	E	1.05	PB	0.2	0.065	0.1	0.5	0.122	0.06	0.06
Trunk	RAE4015ARM, 5/8 Wave (470-494MHz)	7.15	493.9875	48.0	46.6	CW	E	1.06	PB	0.101	0.051	0.063	0.5	0.072	0.04	0.04
Trunk	HAE4013A, 1/2 Wave (494-512MHz)	5.65	494.9875	48.0	46.6	CW	E	1.06	PB	0.237	0.185	0.098	0.5	0.173	0.09	0.09
Trunk	HAE4013A, 1/2 Wave (494-512MHz)	5.65	503.0000	48.0	47.1	CW	E	1.06	PB	0.351	0.297	0.177	0.5	0.275	0.15	0.15
Trunk	HAE4013A, 1/2 Wave (494-512MHz)	5.65	511.9875	48.0	47.5	CW	E	1.06	PB	0.232	0.313	0.127	0.5	0.224	0.12	0.12
Trunk	RAE4016ARB, 5/8 Wave (494-512MHz)	7.15	494.9875	48.0	46.6	CW	E	1.06	PB	0.139	0.055	0.049	0.5	0.081	0.04	0.04
Trunk	RAE4016ARB, 5/8 Wave (494-512MHz)	7.15	503.0000	48.0	47.1	CW	E	1.06	PB	0.171	0.091	0.082	0.5	0.115	0.06	0.06
Trunk	RAE4016ARB, 5/8 Wave (494-512MHz)	7.15	511.9875	48.0	46.6	CW	E	1.06	PB	0.207	0.109	0.119	0.5	0.145	0.08	0.08
Trunk	AN000131A01, 1/4 wave (136-870MHz)	2.15	450.0125	54.0	53.2	CW	E	1.02	PF	0.101	0.062	0.197	0.5	0.120	0.06	0.06
Trunk	AN000131A01, 1/4 wave (136-870MHz)	2.15	469.9875	54.0	53.3	CW	E	1.04	PF	0.079	0.077	0.176	0.5	0.111	0.06	0.06
Trunk	AN000131A01, 1/4 wave (136-870MHz)	2.15	482.5000	54.0	53.5	CW	E	1.05	PF	0.096	0.136	0.168	0.5	0.133	0.07	0.07
Trunk	AN000131A01, 1/4 wave (136-870MHz)	2.15	496.5000	48.0	46.7	CW	E	1.06	PF	0.131	0.067	0.05	0.5	0.083	0.04	0.05
Trunk	AN000131A01, 1/4 wave (136-870MHz)	2.15	511.9875	48.0	47.5	CW	E	1.06	PF	0.11	0.05	0.092	0.5	0.084	0.04	0.04
Trunk	AN000131A01, 1/4 wave (136-870MHz)	2.15	519.9875	30.0	30.0	CW	E	1.07	PF	0.086	0.030	0.055	0.5	0.057	0.03	0.03

MPE calculations are defined in section 14.0.

Table J.2 (Continued)
UHF R2 Band - MPE measurement data for Passenger

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurement			DUT Max. TX Factor	Avg. over Body (mW/ cm2)	Calc. P.D. (mW/ cm2)	Max Calc. P.D. (mW/ cm2)
							Passenger Positions									
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		Head/ Top 1/3	Chest/ Middle 1/3	Lower Trunk/ Bottom 1/3				
Trunk	HAE6013A, 1/2 Wave (380-470MHz)	4.15	450.0125	54.0	53.2	CW	E	1.02	PF	0.128	0.06	0.204	0.5	0.131	0.07	0.07
Trunk	HAE6013A, 1/2 Wave (380-470MHz)	4.15	460.0000	54.0	53.1	CW	E	1.03	PF	0.056	0.11	0.19	0.5	0.119	0.06	0.06
Trunk	HAE6013A, 1/2 Wave (380-470MHz)	4.15	469.9875	54.0	53.3	CW	E	1.04	PF	0.07	0.09	0.286	0.5	0.149	0.08	0.08
Trunk	HAE6031A, 1/2 Wave (380-520MHz)	4.15	450.0125	54.0	53.2	CW	E	1.02	PF	0.144	0.078	0.226	0.5	0.149	0.08	0.08
Trunk	HAE6031A, 1/2 Wave (380-520MHz)	4.15	469.9875	54.0	53.3	CW	E	1.04	PF	0.094	0.144	0.221	0.5	0.153	0.08	0.08
Trunk	HAE6031A, 1/2 Wave (380-520MHz)	4.15	482.5000	54.0	53.5	CW	E	1.05	PF	0.161	0.146	0.209	0.5	0.172	0.09	0.09
Trunk	HAE6031A, 1/2 Wave (380-520MHz)	4.15	496.5000	48.0	46.7	CW	E	1.06	PF	0.129	0.068	0.104	0.5	0.100	0.05	0.05
Trunk	HAE6031A, 1/2 Wave (380-520MHz)	4.15	511.9875	48.0	47.5	CW	E	1.06	PF	0.19	0.114	0.254	0.5	0.186	0.10	0.10
Trunk	HAE6031A, 1/2 Wave (380-520MHz)	4.15	519.9875	30.0	30.0	CW	E	1.07	PF	0.127	0.105	0.102	0.5	0.111	0.06	0.06
Trunk	RAE4014ARB, 5/8 Wave (445-470MHz)	7.15	450.0125	54.0	53.2	CW	E	1.02	PF	0.045	0.039	0.035	0.5	0.040	0.02	0.02
Trunk	RAE4014ARB, 5/8 Wave (445-470MHz)	7.15	460.0000	54.0	53.1	CW	E	1.03	PF	0.028	0.07	0.044	0.5	0.047	0.02	0.02
Trunk	RAE4014ARB, 5/8 Wave (445-470MHz)	7.15	469.9875	54.0	53.3	CW	E	1.04	PF	0.026	0.109	0.099	0.5	0.078	0.04	0.04
Trunk	HAE4011A, 1/2 Wave (450-470MHz)	5.65	450.0125	54.0	53.2	CW	E	1.02	PF	0.077	0.094	0.077	0.5	0.083	0.04	0.04
Trunk	HAE4011A, 1/2 Wave (450-470MHz)	5.65	460.0000	54.0	53.1	CW	E	1.03	PF	0.023	0.077	0.09	0.5	0.063	0.03	0.03
Trunk	HAE4011A, 1/2 Wave (450-470MHz)	5.65	469.9875	54.0	53.3	CW	E	1.04	PF	0.034	0.124	0.122	0.5	0.093	0.05	0.05

MPE calculations are defined in section 14.0.

Table J.2 (Continued)
UHF R2 Band - MPE measurement data for Passenger

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurement			DUT Max. TX Factor	Avg. over Body (mW/ cm2)	Calc. P.D. (mW/ cm2)	Max Calc. P.D. (mW/ cm2)
							Bystander (BS) Positions									
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		Head/ Top 1/3	Chest/ Middle 1/3	Lower Trunk/ Bottom 1/3				
Trunk	HAE6015A, 1/2 Wave (450-520MHz)	4.15	450.0125	54.0	53.2	CW	E	1.02	PF	0.1	0.067	0.196	0.5	0.121	0.06	0.06
Trunk	HAE6015A, 1/2 Wave (450-520MHz)	4.15	460.0000	54.0	53.1	CW	E	1.03	PF	0.076	0.136	0.215	0.5	0.142	0.07	0.07
Trunk	HAE6015A, 1/2 Wave (450-520MHz)	4.15	469.9875	54.0	53.3	CW	E	1.04	PF	0.143	0.07	0.275	0.5	0.163	0.08	0.09
Trunk	HAE6015A, 1/2 Wave (450-520MHz)	4.15	482.5000	54.0	53.5	CW	E	1.05	PF	0.141	0.127	0.188	0.5	0.152	0.08	0.08
Trunk	HAE6015A, 1/2 Wave (450-520MHz)	4.15	496.5000	48.0	46.7	CW	E	1.06	PF	0.137	0.099	0.064	0.5	0.100	0.05	0.05
Trunk	HAE6015A, 1/2 Wave (450-520MHz)	4.15	511.9875	48.0	47.5	CW	E	1.06	PF	0.158	0.090	0.201	0.5	0.150	0.08	0.08
Trunk	HAE6015A, 1/2 Wave (450-520MHz)	4.15	519.9875	30.0	30.0	CW	E	1.07	PF	0.114	0.075	0.132	0.5	0.107	0.06	0.06
Trunk	HAE4012A, 1/2 Wave (470-495MHz)	5.65	470.0125	54.0	53.2	CW	E	1.04	PF	0.092	0.071	0.212	0.5	0.125	0.07	0.07
Trunk	HAE4012A, 1/2 Wave (470-495MHz)	5.65	482.5000	54.0	53.5	CW	E	1.05	PF	0.102	0.044	0.083	0.5	0.076	0.04	0.04
Trunk	HAE4012A, 1/2 Wave (470-495MHz)	5.65	494.9875	48.0	46.6	CW	E	1.06	PF	0.049	0.085	0.036	0.5	0.057	0.03	0.03
Trunk	RAE4015ARM, 5/8 Wave (470-494MHz)	7.15	470.0125	54.0	53.2	CW	E	1.04	PF	0.017	0.025	0.028	0.5	0.023	0.01	0.01
Trunk	RAE4015ARM, 5/8 Wave (470-494MHz)	7.15	482.5000	54.0	53.5	CW	E	1.05	PF	0.045	0.038	0.046	0.5	0.043	0.02	0.02
Trunk	RAE4015ARM, 5/8 Wave (470-494MHz)	7.15	493.9875	48.0	46.6	CW	E	1.06	PF	0.033	0.015	0.013	0.5	0.020	0.01	0.01
Trunk	HAE4013A, 1/2 Wave (494-512MHz)	5.65	494.9875	48.0	46.6	CW	E	1.06	PF	0.061	0.079	0.061	0.5	0.067	0.04	0.04
Trunk	HAE4013A, 1/2 Wave (494-512MHz)	5.65	503.0000	48.0	47.1	CW	E	1.06	PF	0.131	0.1	0.083	0.5	0.105	0.06	0.06
Trunk	HAE4013A, 1/2 Wave (494-512MHz)	5.65	511.9875	48.0	47.5	CW	E	1.06	PF	0.117	0.106	0.154	0.5	0.126	0.07	0.07

MPE calculations are defined in section 14.0.

Table J.2 (Continued)
UHF R2 Band - MPE measurement data for Passenger

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurement			DUT Max. TX Factor	Avg. over Body (mW/ cm2)	Calc. P.D. (mW/ cm2)	Max Calc. P.D. (mW/ cm2)
										Passenger Positions						
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		Head/ Top 1/3	Chest/ Middle 1/3	Lower Trunk/ Bottom 1/3				
Trunk	RAE4016ARB, 5/8 Wave (494-512MHz)	7.15	494.9875	48.0	46.6	CW	E	1.06	PF	0.035	0.068	0.008	0.5	0.037	0.02	0.02
Trunk	RAE4016ARB, 5/8 Wave (494-512MHz)	7.15	503.0000	48.0	47.1	CW	E	1.06	PF	0.072	0.053	0.037	0.5	0.054	0.03	0.03
Trunk	RAE4016ARB, 5/8 Wave (494-512MHz)	7.15	511.9875	48.0	46.6	CW	E	1.06	PF	0.069	0.052	0.035	0.5	0.052	0.03	0.03

MPE calculations are defined in section 14.0.

Table J.2 (Continued)
UHF R2 Band - MPE measurement data for Passenger

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurement			DUT Max. TX Factor	Avg. over Body (mW/ cm2)	Calc. P.D. (mW/ cm2)	Max Calc. P.D. (mW/ cm2)
							Passenger Positions									
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		Head/ Top 1/3	Chest/ Middle 1/3	Lower Trunk/ Bottom 1/3				
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	450.0125	54.0	53.2	CW	E	1.02	PB	0.06	0.06	0.094	0.5	0.071	0.04	0.04
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	469.9875	54.0	53.3	CW	E	1.04	PB	0.073	0.056	0.051	0.5	0.054	0.03	0.03
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	482.5000	54.0	53.5	CW	E	1.05	PB	0.058	0.034	0.053	0.5	0.048	0.03	0.03
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	496.5000	48.0	46.7	CW	E	1.06	PB	0.047	0.034	0.038	0.5	0.040	0.02	0.02
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	511.9875	48.0	47.5	CW	E	1.06	PB	0.019	0.037	0.07	0.5	0.042	0.02	0.02
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	519.9875	30.0	30.0	CW	E	1.07	PB	0.012	0.029	0.02	0.5	0.020	0.01	0.01
Roof	HAE6013A, 1/2 Wave (380-470MHz)	4.15	450.0125	54.0	53.2	CW	E	1.02	PB	0.062	0.054	0.114	0.5	0.077	0.04	0.04
Roof	HAE6013A, 1/2 Wave (380-470MHz)	4.15	460.0000	54.0	53.1	CW	E	1.03	PB	0.046	0.049	0.047	0.5	0.047	0.02	0.02
Roof	HAE6013A, 1/2 Wave (380-470MHz)	4.15	469.9875	54.0	53.3	CW	E	1.04	PB	0.082	0.071	0.104	0.5	0.086	0.04	0.05
Roof	HAE6031A, 1/2 Wave (380-520MHz)	4.15	450.0125	54.0	53.2	CW	E	1.02	PB	0.111	0.076	0.128	0.5	0.105	0.05	0.05
Roof	HAE6031A, 1/2 Wave (380-520MHz)	4.15	469.9875	54.0	53.3	CW	E	1.04	PB	0.077	0.072	0.109	0.5	0.086	0.04	0.05
Roof	HAE6031A, 1/2 Wave (380-520MHz)	4.15	482.5000	54.0	53.5	CW	E	1.05	PB	0.07	0.045	0.09	0.5	0.068	0.04	0.04
Roof	HAE6031A, 1/2 Wave (380-520MHz)	4.15	496.5000	48.0	46.7	CW	E	1.06	PB	0.048	0.033	0.03	0.5	0.037	0.02	0.02
Roof	HAE6031A, 1/2 Wave (380-520MHz)	4.15	511.9875	48.0	47.5	CW	E	1.06	PB	0.021	0.035	0.027	0.5	0.028	0.01	0.01
Roof	HAE6031A, 1/2 Wave (380-520MHz)	4.15	519.9875	30.0	30.0	CW	E	1.07	PB	0.024	0.021	0.015	0.5	0.020	0.01	0.01

MPE calculations are defined in section 14.0.

Table J.2 (Continued)
UHF R2 Band - MPE measurement data for Passenger

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurement			DUT Max. TX Factor	Avg. over Body (mW/ cm2)	Calc. P.D. (mW/ cm2)	Max Calc. P.D. (mW/ cm2)
							Passenger Positions									
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		Head/ Top 1/3	Chest/ Middle 1/3	Lower Trunk/ Bottom 1/3				
Roof	RAE4014ARB, 5/8 Wave (445-470MHz)	7.15	450.0125	54.0	53.2	CW	E	1.02	PB	0.014	0.014	0.02	0.5	0.016	0.01	0.01
Roof	RAE4014ARB, 5/8 Wave (445-470MHz)	7.15	460.0000	54.0	53.1	CW	E	1.03	PB	0.008	0.007	0.007	0.5	0.007	0.00	0.00
Roof	RAE4014ARB, 5/8 Wave (445-470MHz)	7.15	469.9875	54.0	53.3	CW	E	1.04	PB	0.019	0.014	0.02	0.5	0.018	0.01	0.01
Roof	HAE4011A, 1/2 Wave (450-470MHz)	5.65	450.0125	54.0	53.2	CW	E	1.02	PB	0.039	0.018	0.008	0.5	0.022	0.01	0.01
Roof	HAE4011A, 1/2 Wave (450-470MHz)	5.65	460.0000	54.0	53.1	CW	E	1.03	PB	0.019	0.016	0.019	0.5	0.018	0.01	0.01
Roof	HAE4011A, 1/2 Wave (450-470MHz)	5.65	469.9875	54.0	53.3	CW	E	1.04	PB	0.025	0.025	0.032	0.5	0.027	0.01	0.01
Roof	HAE4003A, 1/4 Wave (450-470MHz)	2.15	450.0125	54.0	53.2	CW	E	1.02	PB	0.057	0.064	0.095	0.5	0.072	0.04	0.04
Roof	HAE4003A, 1/4 Wave (450-470MHz)	2.15	460.0000	54.0	53.1	CW	E	1.03	PB	0.048	0.047	0.05	0.5	0.048	0.02	0.03
Roof	HAE4003A, 1/4 Wave (450-470MHz)	2.15	469.9875	54.0	53.3	CW	E	1.04	PB	0.055	0.049	0.053	0.5	0.052	0.03	0.03
Roof	HAE6016A, 1/4 Wave (450-512MHz)	2.15	450.0125	54.0	53.2	CW	E	1.02	PB	0.049	0.065	0.112	0.5	0.075	0.04	0.04
Roof	HAE6016A, 1/4 Wave (450-512MHz)	2.15	460.0000	54.0	53.1	CW	E	1.03	PB	0.059	0.074	0.078	0.5	0.070	0.04	0.04
Roof	HAE6016A, 1/4 Wave (450-512MHz)	2.15	469.9875	54.0	53.3	CW	E	1.04	PB	0.038	0.082	0.125	0.5	0.082	0.04	0.04
Roof	HAE6016A, 1/4 Wave (450-512MHz)	2.15	482.5000	54.0	53.5	CW	E	1.05	PB	0.068	0.042	0.120	0.5	0.077	0.04	0.04
Roof	HAE6016A, 1/4 Wave (450-512MHz)	2.15	496.5000	48.0	46.7	CW	E	1.06	PB	0.04	0.02	0.032	0.5	0.031	0.02	0.02
Roof	HAE6016A, 1/4 Wave (450-512MHz)	2.15	511.9875	48.0	47.5	CW	E	1.06	PB	0.037	0.026	0.054	0.5	0.039	0.02	0.02

MPE calculations are defined in section 14.0.

Table J.2 (Continued)
UHF R2 Band - MPE measurement data for Passenger

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurement			DUT Max. TX Factor	Avg. over Body (mW/ cm2)	Calc. P.D. (mW/ cm2)	Max Calc. P.D. (mW/ cm2)
							Passenger Positions									
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		Head/ Top 1/3	Chest/ Middle 1/3	Lower Trunk/ Bottom 1/3				
Roof	HAE6015A, 1/2 Wave (450-520MHz)	4.15	450.0125	54.0	53.2	CW	E	1.02	PB	0.083	0.058	0.123	0.5	0.088	0.04	0.05
Roof	HAE6015A, 1/2 Wave (450-520MHz)	4.15	460.0000	54.0	53.1	CW	E	1.03	PB	0.055	0.076	0.078	0.5	0.070	0.04	0.04
Roof	HAE6015A, 1/2 Wave (450-520MHz)	4.15	469.9875	54.0	53.3	CW	E	1.04	PB	0.077	0.063	0.113	0.5	0.084	0.04	0.04
Roof	HAE6015A, 1/2 Wave (450-520MHz)	4.15	482.5000	54.0	53.5	CW	E	1.05	PB	0.069	0.047	0.103	0.5	0.073	0.04	0.04
Roof	HAE6015A, 1/2 Wave (450-520MHz)	4.15	496.5000	48.0	46.7	CW	E	1.06	PB	0.046	0.033	0.055	0.5	0.045	0.02	0.02
Roof	HAE6015A, 1/2 Wave (450-520MHz)	4.15	511.9875	48.0	47.5	CW	E	1.06	PB	0.023	0.029	0.052	0.5	0.035	0.02	0.02
Roof	HAE6015A, 1/2 Wave (450-520MHz)	4.15	519.9875	30.0	30.0	CW	E	1.07	PB	0.022	0.024	0.02	0.5	0.022	0.01	0.01
Roof	HAE4012A, 1/2 Wave (470-495MHz)	5.65	470.0125	54.0	53.2	CW	E	1.04	PB	0.026	0.017	0.035	0.5	0.026	0.01	0.01
Roof	HAE4012A, 1/2 Wave (470-495MHz)	5.65	482.5000	54.0	53.5	CW	E	1.05	PB	0.029	0.014	0.032	0.5	0.025	0.01	0.01
Roof	HAE4012A, 1/2 Wave (470-495MHz)	5.65	494.9875	48.0	46.6	CW	E	1.06	PB	0.021	0.009	0.018	0.5	0.016	0.01	0.01
Roof	HAE4004A, 1/4 Wave (470-512MHz)	2.15	470.0125	54.0	53.2	CW	E	1.04	PB	0.021	0.014	0.024	0.5	0.020	0.01	0.01
Roof	HAE4004A, 1/4 Wave (470-512MHz)	2.15	482.5000	54.0	53.5	CW	E	1.05	PB	0.014	0.005	0.012	0.5	0.010	0.01	0.01
Roof	HAE4004A, 1/4 Wave (470-512MHz)	2.15	496.5000	48.0	46.7	CW	E	1.06	PB	0.041	0.032	0.029	0.5	0.034	0.02	0.02
Roof	HAE4004A, 1/4 Wave (470-512MHz)	2.15	511.9875	48.0	47.5	CW	E	1.06	PB	0.029	0.028	0.043	0.5	0.033	0.02	0.02
Roof	RAE4015ARM, 5/8 Wave (470-494MHz)	7.15	470.0125	54.0	53.2	CW	E	1.04	PB	0.005	0.007	0.013	0.5	0.008	0.00	0.00
Roof	RAE4015ARM, 5/8 Wave (470-494MHz)	7.15	482.5000	54.0	53.5	CW	E	1.05	PB	0.009	0.014	0.009	0.5	0.011	0.01	0.01
Roof	RAE4015ARM, 5/8 Wave (470-494MHz)	7.15	493.9875	48.0	46.4	CW	E	1.06	PB	0.006	0.007	0.006	0.5	0.006	0.00	0.00

MPE calculations are defined in section 14.0.

Table J.2 (Continued)
UHF R2 Band - MPE measurement data for Passenger

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurement			DUT Max. TX Factor	Avg. over Body (mW/ cm2)	Calc. P.D. (mW/ cm2)	Max Calc. P.D. (mW/ cm2)
							Passenger Positions									
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		Head/ Top 1/3	Chest/ Middle 1/3	Lower Trunk/ Bottom 1/3				
Roof	HAE4013A, 1/2 Wave (494-512MHz)	5.65	494.9875	48.0	46.6	CW	E	1.06	PB	0.038	0.015	0.020	0.5	0.024	0.01	0.01
Roof	HAE4013A, 1/2 Wave (494-512MHz)	5.65	503.0000	48.0	47.1	CW	E	1.06	PB	0.004	0.002	0.003	0.5	0.003	0.00	0.00
Roof	HAE4013A, 1/2 Wave (494-512MHz)	5.65	511.9875	48.0	47.5	CW	E	1.06	PB	0.013	0.01	0.007	0.5	0.010	0.01	0.01
Roof	RAE4016ARB, 5/8 Wave (494-512MHz)	7.15	494.9875	48.0	46.6	CW	E	1.06	PB	0.005	0.009	0.007	0.5	0.007	0.00	0.00
Roof	RAE4016ARB, 5/8 Wave (494-512MHz)	7.15	503.0000	48.0	47.1	CW	E	1.06	PB	0.007	0.012	0.016	0.5	0.012	0.01	0.01
Roof	RAE4016ARB, 5/8 Wave (494-512MHz)	7.15	511.9875	48.0	46.4	CW	E	1.06	PB	0.005	0.010	0.017	0.5	0.011	0.01	0.01
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	450.0125	54.0	53.2	CW	E	1.02	PF	0.004	0.015	0.025	0.5	0.015	0.01	0.01
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	469.9875	54.0	53.3	CW	E	1.04	PF	0.005	0.008	0.015	0.5	0.009	0.00	0.00
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	482.5000	54.0	53.5	CW	E	1.05	PF	0.013	0.025	0.076	0.5	0.038	0.02	0.02
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	496.5000	48.0	46.7	CW	E	1.06	PF	0.056	0.075	0.116	0.5	0.082	0.04	0.04
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	511.9875	48.0	47.5	CW	E	1.06	PF	0.051	0.048	0.091	0.5	0.063	0.03	0.03
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	519.9875	30.0	30.0	CW	E	1.07	PF	0.059	0.035	0.065	0.5	0.053	0.03	0.03
Roof	HAE6013A, 1/2 Wave (380-470MHz)	4.15	450.0125	54.0	53.2	CW	E	1.02	PF	0.042	0.059	0.119	0.5	0.073	0.04	0.04
Roof	HAE6013A, 1/2 Wave (380-470MHz)	4.15	460.0000	54.0	53.1	CW	E	1.03	PF	0.043	0.028	0.059	0.5	0.043	0.02	0.02
Roof	HAE6013A, 1/2 Wave (380-470MHz)	4.15	469.9875	54.0	53.3	CW	E	1.04	PF	0.014	0.025	0.089	0.5	0.043	0.02	0.02

MPE calculations are defined in section 14.0.

Table J.2 (Continued)
UHF R2 Band - MPE measurement data for Passenger

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurement			DUT Max. TX Factor	Avg. over Body (mW/ cm2)	Calc. P.D. (mW/ cm2)	Max Calc. P.D. (mW/ cm2)
							Passenger Positions									
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		Head/ Top 1/3	Chest/ Middle 1/3	Lower Trunk/ Bottom 1/3				
Roof	HAE6031A, 1/2 Wave (380-520MHz)	4.15	450.0125	54.0	53.2	CW	E	1.02	PF	0.081	0.065	0.158	0.5	0.101	0.05	0.05
Roof	HAE6031A, 1/2 Wave (380-520MHz)	4.15	469.9875	54.0	53.3	CW	E	1.04	PF	0.022	0.046	0.116	0.5	0.061	0.03	0.03
Roof	HAE6031A, 1/2 Wave (380-520MHz)	4.15	482.5000	54.0	53.5	CW	E	1.05	PF	0.026	0.028	0.068	0.5	0.041	0.02	0.02
Roof	HAE6031A, 1/2 Wave (380-520MHz)	4.15	496.5000	48.0	46.7	CW	E	1.06	PF	0.08	0.057	0.072	0.5	0.070	0.04	0.04
Roof	HAE6031A, 1/2 Wave (380-520MHz)	4.15	511.9875	48.0	47.5	CW	E	1.06	PF	0.028	0.031	0.085	0.5	0.048	0.03	0.03
Roof	HAE6031A, 1/2 Wave (380-520MHz)	4.15	519.9875	30.0	30.0	CW	E	1.07	PF	0.027	0.023	0.049	0.5	0.033	0.02	0.02
Roof	RAE4014ARB, 5/8 Wave (445-470MHz)	7.15	450.0125	54.0	53.2	CW	E	1.02	PF	0.007	0.007	0.027	0.5	0.014	0.01	0.01
Roof	RAE4014ARB, 5/8 Wave (445-470MHz)	7.15	460.0000	54.0	53.1	CW	E	1.03	PF	0.018	0.015	0.019	0.5	0.017	0.01	0.01
Roof	RAE4014ARB, 5/8 Wave (445-470MHz)	7.15	469.9875	54.0	53.3	CW	E	1.04	PF	0.014	0.008	0.011	0.5	0.011	0.01	0.01
Roof	HAE4011A, 1/2 Wave (450-470MHz)	5.65	450.0125	54.0	53.2	CW	E	1.02	PF	0.033	0.028	0.029	0.5	0.030	0.02	0.02
Roof	HAE4011A, 1/2 Wave (450-470MHz)	5.65	460.0000	54.0	53.1	CW	E	1.03	PF	0.022	0.017	0.023	0.5	0.021	0.01	0.01
Roof	HAE4011A, 1/2 Wave (450-470MHz)	5.65	469.9875	54.0	53.3	CW	E	1.04	PF	0.006	0.01	0.026	0.5	0.014	0.01	0.01
Roof	HAE4003A, 1/4 Wave (450-470MHz)	2.15	450.0125	54.0	53.2	CW	E	1.02	PF	0.028	0.059	0.116	0.5	0.068	0.03	0.04
Roof	HAE4003A, 1/4 Wave (450-470MHz)	2.15	460.0000	54.0	53.1	CW	E	1.03	PF	0.062	0.041	0.074	0.5	0.059	0.03	0.03
Roof	HAE4003A, 1/4 Wave (450-470MHz)	2.15	469.9875	54.0	53.3	CW	E	1.04	PF	0.04	0.042	0.089	0.5	0.057	0.03	0.03

MPE calculations are defined in section 14.0.

Table J.2 (Continued)
UHF R2 Band - MPE measurement data for Passenger

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurement			DUT Max. TX Factor	Avg. over Body (mW/ cm2)	Calc. P.D. (mW/ cm2)	Max Calc. P.D. (mW/ cm2)
							Passenger Positions									
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		Head/ Top 1/3	Chest/ Middle 1/3	Lower Trunk/ Bottom 1/3				
Roof	HAE6016A, 1/4 Wave (450-512MHz)	2.15	450.0125	54.0	53.2	CW	E	1.02	PF	0.044	0.038	0.075	0.5	0.052	0.03	0.03
Roof	HAE6016A, 1/4 Wave (450-512MHz)	2.15	460.0000	54.0	53.1	CW	E	1.03	PF	0.061	0.04	0.08	0.5	0.060	0.03	0.03
Roof	HAE6016A, 1/4 Wave (450-512MHz)	2.15	469.9875	54.0	53.3	CW	E	1.04	PF	0.024	0.024	0.082	0.5	0.043	0.02	0.02
Roof	HAE6016A, 1/4 Wave (450-512MHz)	2.15	482.5000	54.0	53.5	CW	E	1.05	PF	0.019	0.043	0.108	0.5	0.057	0.03	0.03
Roof	HAE6016A, 1/4 Wave (450-512MHz)	2.15	496.5000	48.0	46.7	CW	E	1.06	PF	0.058	0.041	0.097	0.5	0.065	0.03	0.04
Roof	HAE6016A, 1/4 Wave (450-512MHz)	2.15	511.9875	48.0	47.5	CW	E	1.06	PF	0.042	0.032	0.072	0.5	0.049	0.03	0.03
Roof	HAE6015A, 1/2 Wave (450-520MHz)	4.15	450.0125	54.0	53.2	CW	E	1.02	PF	0.072	0.074	0.13	0.5	0.092	0.05	0.05
Roof	HAE6015A, 1/2 Wave (450-520MHz)	4.15	460.0000	54.0	53.1	CW	E	1.03	PF	0.065	0.028	0.114	0.5	0.069	0.04	0.04
Roof	HAE6015A, 1/2 Wave (450-520MHz)	4.15	469.9875	54.0	53.3	CW	E	1.04	PF	0.038	0.031	0.127	0.5	0.065	0.03	0.03
Roof	HAE6015A, 1/2 Wave (450-520MHz)	4.15	482.5000	54.0	53.5	CW	E	1.05	PF	0.029	0.017	0.082	0.5	0.043	0.02	0.02
Roof	HAE6015A, 1/2 Wave (450-520MHz)	4.15	496.5000	48.0	46.7	CW	E	1.06	PF	0.084	0.071	0.078	0.5	0.078	0.04	0.04
Roof	HAE6015A, 1/2 Wave (450-520MHz)	4.15	511.9875	48.0	47.5	CW	E	1.06	PF	0.046	0.031	0.07	0.5	0.049	0.03	0.03
Roof	HAE6015A, 1/2 Wave (450-520MHz)	4.15	519.9875	30.0	30.0	CW	E	1.07	PF	0.027	0.037	0.043	0.5	0.036	0.02	0.02
Roof	HAE4012A, 1/2 Wave (470-495MHz)	5.65	470.0125	54.0	53.2	CW	E	1.04	PF	0.018	0.025	0.022	0.5	0.022	0.01	0.01
Roof	HAE4012A, 1/2 Wave (470-495MHz)	5.65	482.5000	54.0	53.5	CW	E	1.05	PF	0.011	0.024	0.014	0.5	0.016	0.01	0.01
Roof	HAE4012A, 1/2 Wave (470-495MHz)	5.65	494.9875	48.0	46.6	CW	E	1.06	PF	0.023	0.026	0.018	0.5	0.022	0.01	0.01

MPE calculations are defined in section 14.0.

Table J.2 (Continued)
UHF R2 Band - MPE measurement data for Passenger

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurement			DUT Max. TX Factor	Avg. over Body (mW/ cm2)	Calc. P.D. (mW/ cm2)	Max Calc. P.D. (mW/ cm2)
							Passenger Positions									
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		Head/ Top 1/3	Chest/ Middle 1/3	Lower Trunk/ Bottom 1/3				
Roof	HAE4004A, 1/4 Wave (470-512MHz)	2.15	470.0125	54.0	53.2	CW	E	1.04	PF	0.029	0.048	0.1	0.5	0.059	0.03	0.03
Roof	HAE4004A, 1/4 Wave (470-512MHz)	2.15	482.5000	54.0	53.5	CW	E	1.05	PF	0.05	0.037	0.096	0.5	0.061	0.03	0.03
Roof	HAE4004A, 1/4 Wave (470-512MHz)	2.15	496.5000	48.0	46.7	CW	E	1.06	PF	0.069	0.063	0.072	0.5	0.068	0.04	0.04
Roof	HAE4004A, 1/4 Wave (470-512MHz)	2.15	511.9875	48.0	47.5	CW	E	1.06	PF	0.009	0.025	0.077	0.5	0.037	0.02	0.02
Roof	RAE4015ARM, 5/8 Wave (470-494MHz)	7.15	470.0125	54.0	53.2	CW	E	1.04	PF	0.002	0.003	0.003	0.5	0.003	0.00	0.00
Roof	RAE4015ARM, 5/8 Wave (470-494MHz)	7.15	482.5000	54.0	53.5	CW	E	1.05	PF	0.003	0.005	0.010	0.5	0.006	0.00	0.00
Roof	RAE4015ARM, 5/8 Wave (470-494MHz)	7.15	493.9875	48.0	46.4	CW	E	1.06	PF	0.004	0.007	0.016	0.5	0.009	0.00	0.00
Roof	HAE4013A, 1/2 Wave (494-512MHz)	5.65	494.9875	48.0	46.6	CW	E	1.06	PF	0.013	0.022	0.017	0.5	0.017	0.01	0.01
Roof	HAE4013A, 1/2 Wave (494-512MHz)	5.65	503.0000	48.0	47.1	CW	E	1.06	PF	0.015	0.019	0.031	0.5	0.022	0.01	0.01
Roof	HAE4013A, 1/2 Wave (494-512MHz)	5.65	511.9875	48.0	47.5	CW	E	1.06	PF	0.006	0.007	0.019	0.5	0.011	0.01	0.01
Roof	RAE4016ARB, 5/8 Wave (494-512MHz)	7.15	494.9875	48.0	46.6	CW	E	1.06	PF	0.006	0.005	0.011	0.5	0.007	0.00	0.00
Roof	RAE4016ARB, 5/8 Wave (494-512MHz)	7.15	503.0000	48.0	47.1	CW	E	1.06	PF	0.014	0.006	0.025	0.5	0.015	0.01	0.01
Roof	RAE4016ARB, 5/8 Wave (494-512MHz)	7.15	511.9875	48.0	46.4	CW	E	1.06	PF	0.005	0.012	0.013	0.5	0.010	0.01	0.01

MPE calculations are defined in section 14.0.

Appendix K – MPE Measurement Results for LMR 7/800

Table K.1
7/800 Band - MPE measurement data for Bystander

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurement										DUT Max. TX Factor	Avg. over Body (mW/cm2)	Calc. P.D. (mW/cm2)	Max Calc. P.D. (mW/cm2)
										Bystander (BS) Positions													
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		20 cm	40 cm	60 cm	80 cm	100 cm	120 cm	140 cm	160 cm	180 cm	200 cm				
Trunk	AN000131A01, 1/4 wave (136-870MHz)	2.15	764.0875	36.0	36.0	CW	E	1.16	BS	0.028	0.075	0.171	0.204	0.338	0.647	0.533	0.24	0.313	0.291	0.5	0.284	0.16	0.16
Trunk	AN000131A01, 1/4 wave (136-870MHz)	2.15	770.0125	36.0	36.0	CW	E	1.16	BS	0.137	0.187	0.062	0.249	0.365	0.744	0.624	0.212	0.347	0.281	0.5	0.321	0.19	0.19
Trunk	AN000131A01, 1/4 wave (136-870MHz)	2.15	775.9125	36.0	36.0	CW	E	1.16	BS	0.041	0.085	0.055	0.209	0.355	0.626	0.573	0.176	0.304	0.258	0.5	0.268	0.16	0.16
Trunk	AN000131A01, 1/4 wave (136-870MHz)	2.15	794.0875	36.0	35.4	CW	E	1.17	BS	0.031	0.079	0.051	0.22	0.378	0.712	0.608	0.127	0.224	0.227	0.5	0.266	0.15	0.16
Trunk	AN000131A01, 1/4 wave (136-870MHz)	2.15	806.0125	42.0	41.6	CW	E	1.16	BS	0.039	0.091	0.045	0.291	0.424	0.723	0.666	0.141	0.295	0.214	0.5	0.302	0.17	0.18
Trunk	AN000131A01, 1/4 wave (136-870MHz)	2.15	823.9875	42.0	41.0	CW	E	1.14	BS	0.033	0.065	0.056	0.267	0.305	0.44	0.455	0.056	0.228	0.291	0.5	0.220	0.13	0.13
Trunk	AN000131A01, 1/4 wave (136-870MHz)	2.15	851.0125	42.0	40.3	CW	E	1.11	BS	0.021	0.032	0.056	0.288	0.267	0.275	0.523	0.131	0.129	0.349	0.5	0.207	0.12	0.12
Trunk	AN000131A01, 1/4 wave (136-870MHz)	2.15	862.0125	42.0	40.0	CW	E	1.10	BS	0.022	0.047	0.061	0.237	0.224	0.221	0.616	0.255	0.166	0.415	0.5	0.226	0.12	0.13
Trunk	AN000131A01, 1/4 wave (136-870MHz)	2.15	868.8875	42.0	40.1	CW	E	1.09	BS	0.015	0.027	0.042	0.153	0.17	0.168	0.545	0.302	0.182	0.422	0.5	0.203	0.11	0.12
Trunk	HAF4013A, 1/4 Wave (764-870MHz)	5.15	764.0875	36.0	36.0	CW	E	1.16	BS	0.017	0.056	0.051	0.122	0.332	0.538	0.434	0.312	0.19	0.137	0.5	0.219	0.13	0.13
Trunk	HAF4013A, 1/4 Wave (764-870MHz)	5.15	770.0125	36.0	36.0	CW	E	1.16	BS	0.024	0.058	0.044	0.188	0.428	0.664	0.566	0.335	0.215	0.19	0.5	0.271	0.16	0.16
Trunk	HAF4013A, 1/4 Wave (764-870MHz)	5.15	775.9125	36.0	36.0	CW	E	1.16	BS	0.029	0.063	0.042	0.18	0.435	0.693	0.602	0.326	0.221	0.138	0.5	0.273	0.16	0.16
Trunk	HAF4013A, 1/4 Wave (764-870MHz)	5.15	794.0875	36.0	35.4	CW	E	1.17	BS	0.02	0.054	0.031	0.134	0.405	0.671	0.511	0.269	0.165	0.11	0.5	0.237	0.14	0.14
Trunk	HAF4013A, 1/4 Wave (764-870MHz)	5.15	806.0125	42.0	41.6	CW	E	1.16	BS	0.025	0.057	0.026	0.185	0.479	0.782	0.705	0.41	0.197	0.093	0.5	0.296	0.17	0.17
Trunk	HAF4013A, 1/4 Wave (764-870MHz)	5.15	823.9875	42.0	41.0	CW	E	1.14	BS	0.025	0.039	0.016	0.158	0.452	0.699	0.656	0.4	0.227	0.118	0.5	0.279	0.16	0.16
Trunk	HAF4013A, 1/4 Wave (764-870MHz)	5.15	851.0125	42.0	40.3	CW	E	1.11	BS	0.018	0.012	0.025	0.194	0.496	0.736	0.633	0.277	0.136	0.108	0.5	0.264	0.15	0.15
Trunk	HAF4013A, 1/4 Wave (764-870MHz)	5.15	862.0125	42.0	40.0	CW	E	1.10	BS	0.017	0.019	0.039	0.172	0.418	0.636	0.472	0.185	0.081	0.052	0.5	0.209	0.12	0.12
Trunk	HAF4013A, 1/4 Wave (764-870MHz)	5.15	868.8875	42.0	40.1	CW	E	1.09	BS	0.014	0.02	0.04	0.191	0.451	0.71	0.601	0.249	0.094	0.04	0.5	0.241	0.13	0.14

Table K.1 (Continued)
7/800 Band - MPE measurement data for Bystander

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurement										DUT Max. TX Factor	Avg. over Body (mW/cm2)	Calc. P.D. (mW/cm2)	Max Calc. P.D. (mW/cm2)
										Bystander (BS) Positions													
										20 cm	40 cm	60 cm	80 cm	100 cm	120 cm	140 cm	160 cm	180 cm	200 cm				
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															
Trunk	HAF4014A, 1/4 Wave (764-870MHz)	5.15	764.0875	36.0	36.0	CW	E	1.16	BS	0.003	0.009	0.011	0.027	0.055	0.358	0.554	0.169	0.08	0.11	0.5	0.138	0.08	0.08
Trunk	HAF4014A, 1/4 Wave (764-870MHz)	5.15	770.0125	36.0	36.0	CW	E	1.16	BS	0.003	0.006	0.005	0.018	0.053	0.468	0.647	0.137	0.078	0.105	0.5	0.152	0.09	0.09
Trunk	HAF4014A, 1/4 Wave (764-870MHz)	5.15	775.9125	36.0	36.0	CW	E	1.16	BS	0.003	0.006	0.004	0.017	0.074	0.63	0.86	0.187	0.183	0.11	0.5	0.207	0.12	0.12
Trunk	HAF4014A, 1/4 Wave (764-870MHz)	5.15	794.0875	36.0	35.4	CW	E	1.17	BS	0.001	0.002	0.002	0.015	0.116	0.604	0.703	0.176	0.038	0.04	0.5	0.170	0.10	0.10
Trunk	HAF4014A, 1/4 Wave (764-870MHz)	5.15	806.0125	42.0	41.6	CW	E	1.16	BS	0.004	0.01	0.003	0.038	0.228	0.786	0.915	0.236	0.07	0.072	0.5	0.236	0.14	0.14
Trunk	HAF4014A, 1/4 Wave (764-870MHz)	5.15	823.9875	42.0	41.0	CW	E	1.14	BS	0.006	0.019	0.01	0.178	0.324	0.806	1.043	0.478	0.107	0.137	0.5	0.311	0.18	0.18
Trunk	HAF4014A, 1/4 Wave (764-870MHz)	5.15	851.0125	42.0	40.3	CW	E	1.11	BS	0.021	0.018	0.025	0.142	0.504	0.849	1.036	0.687	0.27	0.237	0.5	0.379	0.21	0.22
Trunk	HAF4014A, 1/4 Wave (764-870MHz)	5.15	862.0125	42.0	40.0	CW	E	1.10	BS	0.012	0.027	0.02	0.227	0.472	0.672	0.969	0.698	0.345	0.309	0.5	0.375	0.21	0.22
Trunk	HAF4014A, 1/4 Wave (764-870MHz)	5.15	868.8875	42.0	40.1	CW	E	1.09	BS	0.01	0.014	0.048	0.19	0.407	0.603	0.848	0.575	0.338	0.319	0.5	0.335	0.18	0.19
Trunk	HAF4016A, 1/4 Wave (764-870MHz)	2.15	764.0875	36.0	36.0	CW	E	1.16	BS	0.018	0.049	0.018	0.125	0.363	0.521	0.107	0.257	0.162	0.134	0.5	0.175	0.10	0.10
Trunk	HAF4016A, 1/4 Wave (764-870MHz)	2.15	770.0125	36.0	36.0	CW	E	1.16	BS	0.025	0.063	0.048	0.185	0.445	0.664	0.528	0.278	0.189	0.134	0.5	0.256	0.15	0.15
Trunk	HAF4016A, 1/4 Wave (764-870MHz)	2.15	775.9125	36.0	36.0	CW	E	1.16	BS	0.029	0.065	0.041	0.168	0.466	0.674	0.564	0.292	0.194	0.124	0.5	0.262	0.15	0.15
Trunk	HAF4016A, 1/4 Wave (764-870MHz)	2.15	794.0875	36.0	35.4	CW	E	1.17	BS	0.029	0.042	0.026	0.142	0.403	0.643	0.556	0.255	0.13	0.093	0.5	0.232	0.14	0.14
Trunk	HAF4016A, 1/4 Wave (764-870MHz)	2.15	806.0125	42.0	41.6	CW	E	1.16	BS	0.019	0.054	0.016	0.196	0.503	0.762	0.639	0.333	0.167	0.079	0.5	0.277	0.16	0.16
Trunk	HAF4016A, 1/4 Wave (764-870MHz)	2.15	823.9875	42.0	41.0	CW	E	1.14	BS	0.021	0.032	0.021	0.18	0.473	0.718	0.59	0.293	0.184	0.094	0.5	0.196	0.11	0.11
Trunk	HAF4016A, 1/4 Wave (764-870MHz)	2.15	851.0125	42.0	40.3	CW	E	1.11	BS	0.014	0.01	0.032	0.219	0.571	0.833	0.64	0.25	0.105	0.063	0.5	0.274	0.15	0.16
Trunk	HAF4016A, 1/4 Wave (764-870MHz)	2.15	862.0125	42.0	40.0	CW	E	1.10	BS	0.014	0.022	0.036	0.204	0.675	0.71	0.53	0.238	0.073	0.036	0.5	0.254	0.14	0.15
Trunk	HAF4016A, 1/4 Wave (764-870MHz)	2.15	868.8875	42.0	40.1	CW	E	1.09	BS	0.013	0.01	0.04	0.175	0.432	0.674	0.532	0.214	0.078	0.027	0.5	0.220	0.12	0.13

MPE calculations are defined in section 14.0.

Table K.1 (Continued)
7/800 Band - MPE measurement data for Bystander

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurement										DUT Max. TX Factor	Avg. over Body (mW/cm2)	Calc. P.D. (mW/cm2)	Max Calc. P.D. (mW/cm2)
										Bystander (BS) Positions													
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		20 cm	40 cm	60 cm	80 cm	100 cm	120 cm	140 cm	160 cm	180 cm	200 cm				
Trunk	HAF4017A, 1/4 Wave (764-870MHz)	5.15	764.0875	36.0	36.0	CW	E	1.16	BS	0.019	0.056	0.051	0.136	0.476	0.564	0.139	0.148	0.096	0.088	0.5	0.177	0.10	0.10
Trunk	HAF4017A, 1/4 Wave (764-870MHz)	5.15	770.0125	36.0	36.0	CW	E	1.16	BS	0.026	0.079	0.059	0.222	0.625	0.776	0.237	0.053	0.107	0.088	0.5	0.227	0.13	0.13
Trunk	HAF4017A, 1/4 Wave (764-870MHz)	5.15	775.9125	36.0	36.0	CW	E	1.16	BS	0.031	0.076	0.052	0.196	0.638	0.827	0.246	0.036	0.105	0.102	0.5	0.231	0.13	0.13
Trunk	HAF4017A, 1/4 Wave (764-870MHz)	5.15	794.0875	36.0	35.4	CW	E	1.17	BS	0.019	0.046	0.034	0.178	0.59	0.769	0.262	0.018	0.066	0.107	0.5	0.209	0.12	0.12
Trunk	HAF4017A, 1/4 Wave (764-870MHz)	5.15	806.0125	42.0	41.6	CW	E	1.16	BS	0.022	0.068	0.022	0.222	0.766	1.03	0.37	0.037	0.082	0.079	0.5	0.270	0.16	0.16
Trunk	HAF4017A, 1/4 Wave (764-870MHz)	5.15	823.9875	42.0	41.0	CW	E	1.14	BS	0.023	0.038	0.02	0.19	0.679	0.885	0.343	0.031	0.035	0.095	0.5	0.234	0.13	0.14
Trunk	HAF4017A, 1/4 Wave (764-870MHz)	5.15	851.0125	42.0	40.3	CW	E	1.11	BS	0.014	0.008	0.023	0.195	0.791	1.135	0.419	0.022	0.044	0.064	0.5	0.272	0.15	0.16
Trunk	HAF4017A, 1/4 Wave (764-870MHz)	5.15	862.0125	42.0	40.0	CW	E	1.10	BS	0.011	0.014	0.02	0.194	0.549	0.853	0.346	0.023	0.03	0.051	0.5	0.209	0.12	0.12
Trunk	HAF4017A, 1/4 Wave (764-870MHz)	5.15	868.8875	42.0	40.1	CW	E	1.09	BS	0.008	0.006	0.029	0.152	0.734	0.81	0.324	0.024	0.016	0.039	0.5	0.154	0.08	0.09
45 Degree																							
Trunk	HAF4014A, 1/4 Wave (764-870MHz)	5.15	851.0125	42.0	40.3	CW	E	1.11	BS	0.003	0.009	0.021	0.094	0.289	0.361	0.289	0.271	0.152	0.093	0.5	0.158	0.09	0.09
90 Degree																							
Trunk	HAF4014A, 1/4 Wave (764-870MHz)	5.15	851.0125	42.0	40.3	CW	E	1.11	BS	0.004	0.014	0.035	0.084	0.283	0.382	0.375	0.396	0.296	0.165	0.5	0.203	0.11	0.12

MPE calculations are defined in section 14.0.

Table K.1 (Continued)
7/800 Band - MPE measurement data for Bystander

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurement										DUT Max. TX Factor	Avg. over Body (mW/cm2)	Calc. P.D. (mW/cm2)	Max Calc. P.D. (mW/cm2)
										Bystander (BS) Positions													
										20 cm	40 cm	60 cm	80 cm	100 cm	120 cm	140 cm	160 cm	180 cm	200 cm				
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															
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	764.0875	36.0	36.0	CW	E	1.16	BS	0.001	0.001	0.002	0.002	0.05	0.011	0.015	0.039	0.063	0.07	0.5	0.028	0.02	0.02
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	770.0125	36.0	36.0	CW	E	1.16	BS	0.002	0.002	0.004	0.006	0.007	0.017	0.019	0.043	0.089	0.098	0.5	0.036	0.02	0.02
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	775.9125	36.0	36.0	CW	E	1.16	BS	0.003	0.003	0.005	0.006	0.006	0.023	0.028	0.077	0.127	0.13	0.5	0.040	0.02	0.02
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	794.0875	36.0	35.4	CW	E	1.17	BS	0.003	0.004	0.004	0.006	0.007	0.014	0.018	0.058	0.103	0.105	0.5	0.040	0.02	0.02
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	806.0125	42.0	41.6	CW	E	1.16	BS	0.003	0.004	0.004	0.005	0.007	0.024	0.028	0.092	0.148	0.15	0.5	0.056	0.03	0.03
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	823.9875	42.0	41.0	CW	E	1.14	BS	0.004	0.004	0.006	0.006	0.008	0.032	0.036	0.108	0.202	0.234	0.5	0.079	0.05	0.05
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	851.0125	42.0	40.3	CW	E	1.11	BS	0.004	0.005	0.005	0.007	0.01	0.056	0.058	0.111	0.272	0.273	0.5	0.095	0.05	0.05
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	862.0125	42.0	40.0	CW	E	1.10	BS	0.005	0.005	0.005	0.007	0.015	0.058	0.061	0.096	0.177	0.161	0.5	0.037	0.02	0.02
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	868.8875	42.0	40.1	CW	E	1.09	BS	0.005	0.005	0.006	0.008	0.013	0.05	0.054	0.081	0.149	0.182	0.5	0.054	0.03	0.03
Roof	HAF4013A, 1/4 Wave (764-870MHz)	5.15	764.0875	36.0	36.0	CW	E	1.16	BS	0.002	0.005	0.006	0.007	0.013	0.068	0.104	0.218	0.26	0.208	0.5	0.028	0.02	0.02
Roof	HAF4013A, 1/4 Wave (764-870MHz)	5.15	770.0125	36.0	36.0	CW	E	1.16	BS	0.004	0.005	0.005	0.009	0.022	0.112	0.152	0.227	0.328	0.27	0.5	0.030	0.02	0.02
Roof	HAF4013A, 1/4 Wave (764-870MHz)	5.15	775.9125	36.0	36.0	CW	E	1.16	BS	0.004	0.004	0.007	0.013	0.027	0.092	0.124	0.27	0.336	0.276	0.5	0.046	0.03	0.03
Roof	HAF4013A, 1/4 Wave (764-870MHz)	5.15	794.0875	36.0	35.4	CW	E	1.17	BS	0.003	0.005	0.007	0.017	0.026	0.067	0.114	0.279	0.372	0.247	0.5	0.032	0.02	0.02
Roof	HAF4013A, 1/4 Wave (764-870MHz)	5.15	806.0125	42.0	41.6	CW	E	1.16	BS	0.005	0.005	0.01	0.021	0.034	0.096	0.163	0.366	0.41	0.329	0.5	0.066	0.04	0.04
Roof	HAF4013A, 1/4 Wave (764-870MHz)	5.15	823.9875	42.0	41.0	CW	E	1.14	BS	0.003	0.006	0.014	0.025	0.035	0.069	0.181	0.41	0.497	0.382	0.5	0.054	0.03	0.03
Roof	HAF4013A, 1/4 Wave (764-870MHz)	5.15	851.0125	42.0	40.3	CW	E	1.11	BS	0.009	0.011	0.028	0.03	0.037	0.072	0.183	0.418	0.55	0.407	0.5	0.086	0.05	0.05
Roof	HAF4013A, 1/4 Wave (764-870MHz)	5.15	862.0125	42.0	40.0	CW	E	1.10	BS	0.008	0.012	0.017	0.021	0.031	0.094	0.145	0.297	0.42	0.345	0.5	0.074	0.04	0.04
Roof	HAF4013A, 1/4 Wave (764-870MHz)	5.15	868.8875	42.0	40.1	CW	E	1.09	BS	0.011	0.013	0.02	0.023	0.025	0.065	0.103	0.285	0.385	0.293	0.5	0.139	0.08	0.08

MPE calculations are defined in section 14.0.

Table K.1 (Continued)
7/800 Band - MPE measurement data for Bystander

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurement										DUT Max. TX Factor	Avg. over Body (mW/cm2)	Calc. P.D. (mW/cm2)	Max Calc. P.D. (mW/cm2)
										Bystander (BS) Positions													
										20 cm	40 cm	60 cm	80 cm	100 cm	120 cm	140 cm	160 cm	180 cm	200 cm				
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															
Roof	HAF4014A, 1/4 Wave (764-870MHz)	5.15	764.0875	36.0	36.0	CW	E	1.16	BS	0.001	0.001	0.005	0.006	0.009	0.025	0.03	0.095	0.316	0.277	0.5	0.026	0.02	0.02
Roof	HAF4014A, 1/4 Wave (764-870MHz)	5.15	770.0125	36.0	36.0	CW	E	1.16	BS	0.002	0.003	0.005	0.007	0.015	0.022	0.028	0.093	0.35	0.248	0.5	0.016	0.01	0.01
Roof	HAF4014A, 1/4 Wave (764-870MHz)	5.15	775.9125	36.0	36.0	CW	E	1.16	BS	0.001	0.003	0.004	0.004	0.009	0.015	0.017	0.164	0.413	0.333	0.5	0.021	0.01	0.01
Roof	HAF4014A, 1/4 Wave (764-870MHz)	5.15	794.0875	36.0	35.4	CW	E	1.17	BS	0.001	0.004	0.008	0.015	0.023	0.028	0.039	0.23	0.416	0.256	0.5	0.024	0.01	0.01
Roof	HAF4014A, 1/4 Wave (764-870MHz)	5.15	806.0125	42.0	41.6	CW	E	1.16	BS	0.003	0.002	0.007	0.008	0.025	0.043	0.098	0.324	0.499	0.343	0.5	0.075	0.04	0.04
Roof	HAF4014A, 1/4 Wave (764-870MHz)	5.15	823.9875	42.0	41.0	CW	E	1.14	BS	0.002	0.005	0.006	0.015	0.029	0.128	0.178	0.454	0.501	0.44	0.5	0.060	0.03	0.04
Roof	HAF4014A, 1/4 Wave (764-870MHz)	5.15	851.0125	42.0	40.3	CW	E	1.11	BS	0.003	0.004	0.011	0.025	0.031	0.102	0.201	0.413	0.354	0.23	0.5	0.102	0.06	0.06
Roof	HAF4014A, 1/4 Wave (764-870MHz)	5.15	862.0125	42.0	40.0	CW	E	1.10	BS	0.003	0.009	0.012	0.017	0.021	0.078	0.153	0.32	0.311	0.43	0.5	0.081	0.04	0.05
Roof	HAF4014A, 1/4 Wave (764-870MHz)	5.15	868.8875	42.0	40.1	CW	E	1.09	BS	0.007	0.016	0.015	0.019	0.062	0.098	0.167	0.295	0.242	0.379	0.5	0.099	0.05	0.06
Roof	HAF4016A, 1/4 Wave (764-870MHz)	2.15	764.0875	36.0	36.0	CW	E	1.16	BS	0.001	0.002	0.005	0.01	0.02	0.056	0.098	0.223	0.298	0.219	0.5	0.025	0.01	0.01
Roof	HAF4016A, 1/4 Wave (764-870MHz)	2.15	770.0125	36.0	36.0	CW	E	1.16	BS	0.001	0.001	0.009	0.012	0.025	0.064	0.128	0.221	0.315	0.274	0.5	0.028	0.02	0.02
Roof	HAF4016A, 1/4 Wave (764-870MHz)	2.15	775.9125	36.0	36.0	CW	E	1.16	BS	0.002	0.003	0.007	0.015	0.039	0.063	0.113	0.267	0.314	0.279	0.5	0.042	0.02	0.02
Roof	HAF4016A, 1/4 Wave (764-870MHz)	2.15	794.0875	36.0	35.4	CW	E	1.17	BS	0.002	0.005	0.008	0.013	0.032	0.078	0.13	0.278	0.316	0.213	0.5	0.029	0.02	0.02
Roof	HAF4016A, 1/4 Wave (764-870MHz)	2.15	806.0125	42.0	41.6	CW	E	1.16	BS	0.001	0.003	0.01	0.018	0.068	0.104	0.158	0.382	0.455	0.326	0.5	0.061	0.04	0.04
Roof	HAF4016A, 1/4 Wave (764-870MHz)	2.15	823.9875	42.0	41.0	CW	E	1.14	BS	0.003	0.008	0.015	0.034	0.07	0.123	0.184	0.42	0.475	0.374	0.5	0.051	0.03	0.03
Roof	HAF4016A, 1/4 Wave (764-870MHz)	2.15	851.0125	42.0	40.3	CW	E	1.11	BS	0.003	0.006	0.011	0.032	0.078	0.112	0.159	0.4	0.482	0.328	0.5	0.075	0.04	0.04
Roof	HAF4016A, 1/4 Wave (764-870MHz)	2.15	862.0125	42.0	40.0	CW	E	1.10	BS	0.003	0.009	0.018	0.028	0.067	0.106	0.153	0.312	0.415	0.3	0.5	0.064	0.04	0.04
Roof	HAF4016A, 1/4 Wave (764-870MHz)	2.15	868.8875	42.0	40.1	CW	E	1.09	BS	0.003	0.003	0.005	0.016	0.034	0.079	0.122	0.31	0.351	0.271	0.5	0.126	0.07	0.07

MPE calculations are defined in section 14.0.

Table K.1 (Continued)
7/800 Band - MPE measurement data for Bystander

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurement										DUT Max. TX Factor	Avg. over Body (mW/cm2)	Calc. P.D. (mW/cm2)	Max Calc. P.D. (mW/cm2)
										Bystander (BS) Positions													
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		20 cm	40 cm	60 cm	80 cm	100 cm	120 cm	140 cm	160 cm	180 cm	200 cm				
Roof	HAF4017A, 1/4 Wave (764-870MHz)	5.15	764.0875	36.0	36.0	CW	E	1.16	BS	0.001	0.002	0.005	0.018	0.026	0.114	0.189	0.288	0.219	0.054	0.5	0.025	0.01	0.01
Roof	HAF4017A, 1/4 Wave (764-870MHz)	5.15	770.0125	36.0	36.0	CW	E	1.16	BS	0.001	0.005	0.007	0.022	0.036	0.172	0.262	0.379	0.286	0.085	0.5	0.032	0.02	0.02
Roof	HAF4017A, 1/4 Wave (764-870MHz)	5.15	775.9125	36.0	36.0	CW	E	1.16	BS	0.002	0.005	0.005	0.028	0.045	0.177	0.251	0.406	0.341	0.105	0.5	0.050	0.03	0.03
Roof	HAF4017A, 1/4 Wave (764-870MHz)	5.15	794.0875	36.0	35.4	CW	E	1.17	BS	0.002	0.002	0.004	0.026	0.033	0.162	0.298	0.447	0.369	0.105	0.5	0.032	0.02	0.02
Roof	HAF4017A, 1/4 Wave (764-870MHz)	5.15	806.0125	42.0	41.6	CW	E	1.16	BS	0.004	0.005	0.006	0.03	0.043	0.133	0.275	0.502	0.411	0.124	0.5	0.078	0.04	0.05
Roof	HAF4017A, 1/4 Wave (764-870MHz)	5.15	823.9875	42.0	41.0	CW	E	1.14	BS	0.003	0.006	0.008	0.033	0.048	0.096	0.312	0.511	0.429	0.158	0.5	0.060	0.03	0.04
Roof	HAF4017A, 1/4 Wave (764-870MHz)	5.15	851.0125	42.0	40.3	CW	E	1.11	BS	0.005	0.01	0.012	0.029	0.042	0.096	0.266	0.558	0.453	0.179	0.5	0.082	0.05	0.05
Roof	HAF4017A, 1/4 Wave (764-870MHz)	5.15	862.0125	42.0	40.0	CW	E	1.10	BS	0.003	0.006	0.012	0.029	0.054	0.102	0.188	0.38	0.365	0.136	0.5	0.063	0.03	0.04
Roof	HAF4017A, 1/4 Wave (764-870MHz)	5.15	868.8875	42.0	40.1	CW	E	1.09	BS	0.005	0.007	0.011	0.02	0.024	0.087	0.159	0.35	0.314	0.112	0.5	0.127	0.07	0.07

MPE calculations are defined in section 14.0.

Table K.2
7/800 Band - MPE measurement data for Passenger

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurement			DUT Max. TX Factor	Avg. over Body (mW/ cm2)	Calc. P.D. (mW/ cm2)	Max Calc. P.D. (mW/ cm2)
							Passenger Positions									
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		Head/ Top 1/3	Chest/ Middle 1/3	Lower Trunk/ Bottom 1/3				
Trunk	AN000131A01, 1/4 wave (136-870MHz)	2.15	764.0875	36.0	36.0	CW	E	1.16	PB	0.12	0.029	0.073	0.5	0.074	0.04	0.04
Trunk	AN000131A01, 1/4 wave (136-870MHz)	2.15	770.0125	36.0	36.0	CW	E	1.16	PB	0.138	0.034	0.094	0.5	0.089	0.05	0.05
Trunk	AN000131A01, 1/4 wave (136-870MHz)	2.15	775.9125	36.0	36.0	CW	E	1.16	PB	0.121	0.053	0.073	0.5	0.082	0.05	0.05
Trunk	AN000131A01, 1/4 wave (136-870MHz)	2.15	794.0875	36.0	35.4	CW	E	1.17	PB	0.093	0.077	0.179	0.5	0.116	0.07	0.07
Trunk	AN000131A01, 1/4 wave (136-870MHz)	2.15	806.0125	42.0	41.6	CW	E	1.16	PB	0.109	0.111	0.09	0.5	0.103	0.06	0.06
Trunk	AN000131A01, 1/4 wave (136-870MHz)	2.15	823.9875	42.0	41.0	CW	E	1.14	PB	0.133	0.045	0.049	0.5	0.076	0.04	0.04
Trunk	AN000131A01, 1/4 wave (136-870MHz)	2.15	851.0125	42.0	40.3	CW	E	1.11	PB	0.085	0.049	0.063	0.5	0.066	0.04	0.04
Trunk	AN000131A01, 1/4 wave (136-870MHz)	2.15	862.0125	42.0	40.0	CW	E	1.10	PB	0.041	0.039	0.03	0.5	0.037	0.02	0.02
Trunk	AN000131A01, 1/4 wave (136-870MHz)	2.15	868.8875	42.0	40.1	CW	E	1.09	PB	0.027	0.01	0.025	0.5	0.021	0.01	0.01
Trunk	HAF4013A, 1/4 Wave (764-870MHz)	5.15	764.0875	36.0	36.0	CW	E	1.16	PB	0.132	0.104	0.069	0.5	0.102	0.06	0.06
Trunk	HAF4013A, 1/4 Wave (764-870MHz)	5.15	770.0125	36.0	36.0	CW	E	1.16	PB	0.176	0.121	0.062	0.5	0.120	0.07	0.07
Trunk	HAF4013A, 1/4 Wave (764-870MHz)	5.15	775.9125	36.0	36.0	CW	E	1.16	PB	0.145	0.034	0.067	0.5	0.082	0.05	0.05
Trunk	HAF4013A, 1/4 Wave (764-870MHz)	5.15	794.0875	36.0	35.4	CW	E	1.17	PB	0.118	0.136	0.249	0.5	0.168	0.10	0.10
Trunk	HAF4013A, 1/4 Wave (764-870MHz)	5.15	806.0125	42.0	41.6	CW	E	1.16	PB	0.147	0.191	0.091	0.5	0.143	0.08	0.08
Trunk	HAF4013A, 1/4 Wave (764-870MHz)	5.15	823.9875	42.0	41.0	CW	E	1.14	PB	0.208	0.155	0.057	0.5	0.140	0.08	0.08
Trunk	HAF4013A, 1/4 Wave (764-870MHz)	5.15	851.0125	42.0	40.3	CW	E	1.11	PB	0.249	0.078	0.184	0.5	0.170	0.09	0.10
Trunk	HAF4013A, 1/4 Wave (764-870MHz)	5.15	862.0125	42.0	40.0	CW	E	1.10	PB	0.22	0.127	0.102	0.5	0.150	0.08	0.09
Trunk	HAF4013A, 1/4 Wave (764-870MHz)	5.15	868.8875	42.0	40.1	CW	E	1.09	PB	0.209	0.127	0.04	0.5	0.125	0.07	0.07

MPE calculations are defined in section 14.0.

Table K.2 (Continued)
7/800 Band - MPE measurement data for Passenger

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurement			DUT Max. TX Factor	Avg. over Body (mW/ cm2)	Calc. P.D. (mW/ cm2)	Max Calc. P.D. (mW/ cm2)
							Passenger Positions									
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		Head/ Top 1/3	Chest/ Middle 1/3	Lower Trunk/ Bottom 1/3				
Trunk	HAF4014A, 1/4 Wave (764-870MHz)	5.15	764.0875	36.0	36.0	CW	E	1.16	PB	0.069	0.019	0.027	0.5	0.038	0.02	0.02
Trunk	HAF4014A, 1/4 Wave (764-870MHz)	5.15	770.0125	36.0	36.0	CW	E	1.16	PB	0.065	0.008	0.029	0.5	0.034	0.02	0.02
Trunk	HAF4014A, 1/4 Wave (764-870MHz)	5.15	775.9125	36.0	36.0	CW	E	1.16	PB	0.083	0.039	0.028	0.5	0.050	0.03	0.03
Trunk	HAF4014A, 1/4 Wave (764-870MHz)	5.15	794.0875	36.0	35.4	CW	E	1.17	PB	0.045	0.064	0.080	0.5	0.063	0.04	0.04
Trunk	HAF4014A, 1/4 Wave (764-870MHz)	5.15	806.0125	42.0	41.6	CW	E	1.16	PB	0.210	0.189	0.185	0.5	0.195	0.11	0.11
Trunk	HAF4014A, 1/4 Wave (764-870MHz)	5.15	823.9875	42.0	41.0	CW	E	1.14	PB	0.274	0.185	0.107	0.5	0.189	0.11	0.11
Trunk	HAF4014A, 1/4 Wave (764-870MHz)	5.15	851.0125	42.0	40.3	CW	E	1.11	PB	0.244	0.076	0.105	0.5	0.175	0.10	0.10
Trunk	HAF4014A, 1/4 Wave (764-870MHz)	5.15	862.0125	42.0	40.0	CW	E	1.10	PB	0.354	0.158	0.133	0.5	0.215	0.12	0.12
Trunk	HAF4014A, 1/4 Wave (764-870MHz)	5.15	868.8875	42.0	40.1	CW	E	1.09	PB	0.293	0.1	0.083	0.5	0.159	0.09	0.09
Trunk	HAF4016A, 1/4 Wave (764-870MHz)	2.15	764.0875	36.0	36.0	CW	E	1.16	PB	0.184	0.029	0.074	0.5	0.096	0.06	0.06
Trunk	HAF4016A, 1/4 Wave (764-870MHz)	2.15	770.0125	36.0	36.0	CW	E	1.16	PB	0.178	0.143	0.098	0.5	0.140	0.08	0.08
Trunk	HAF4016A, 1/4 Wave (764-870MHz)	2.15	775.9125	36.0	36.0	CW	E	1.16	PB	0.151	0.111	0.118	0.5	0.127	0.07	0.07
Trunk	HAF4016A, 1/4 Wave (764-870MHz)	2.15	794.0875	36.0	35.4	CW	E	1.17	PB	0.12	0.111	0.037	0.5	0.089	0.05	0.05
Trunk	HAF4016A, 1/4 Wave (764-870MHz)	2.15	806.0125	42.0	41.6	CW	E	1.16	PB	0.13	0.098	0.156	0.5	0.128	0.07	0.07
Trunk	HAF4016A, 1/4 Wave (764-870MHz)	2.15	823.9875	42.0	41.0	CW	E	1.14	PB	0.166	0.125	0.073	0.5	0.121	0.07	0.07
Trunk	HAF4016A, 1/4 Wave (764-870MHz)	2.15	851.0125	42.0	40.3	CW	E	1.11	PB	0.193	0.135	0.099	0.5	0.142	0.08	0.08
Trunk	HAF4016A, 1/4 Wave (764-870MHz)	2.15	862.0125	42.0	40.0	CW	E	1.10	PB	0.212	0.044	0.079	0.5	0.112	0.06	0.06
Trunk	HAF4016A, 1/4 Wave (764-870MHz)	2.15	868.8875	42.0	40.1	CW	E	1.09	PB	0.185	0.097	0.064	0.5	0.115	0.06	0.07

MPE calculations are defined in section 14.0.

Table K.2 (Continued)
7/800 Band - MPE measurement data for Passenger

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurement			DUT Max. TX Factor	Avg. over Body (mW/ cm2)	Calc. P.D. (mW/ cm2)	Max Calc. P.D. (mW/ cm2)
							Passenger Positions									
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		Head/ Top 1/3	Chest/ Middle 1/3	Lower Trunk/ Bottom 1/3				
Trunk	HAF4017A, 1/4 Wave (764-870MHz)	5.15	764.0875	36.0	36.0	CW	E	1.16	PB	0.276	0.194	0.067	0.5	0.179	0.10	0.10
Trunk	HAF4017A, 1/4 Wave (764-870MHz)	5.15	770.0125	36.0	36.0	CW	E	1.16	PB	0.259	0.157	0.131	0.5	0.182	0.11	0.11
Trunk	HAF4017A, 1/4 Wave (764-870MHz)	5.15	775.9125	36.0	36.0	CW	E	1.16	PB	0.357	0.17	0.209	0.5	0.245	0.14	0.14
Trunk	HAF4017A, 1/4 Wave (764-870MHz)	5.15	794.0875	36.0	35.4	CW	E	1.17	PB	0.229	0.153	0.392	0.5	0.258	0.15	0.15
Trunk	HAF4017A, 1/4 Wave (764-870MHz)	5.15	806.0125	42.0	41.6	CW	E	1.16	PB	0.346	0.341	0.186	0.5	0.291	0.17	0.17
Trunk	HAF4017A, 1/4 Wave (764-870MHz)	5.15	823.9875	42.0	41.0	CW	E	1.14	PB	0.24	0.323	0.119	0.5	0.227	0.13	0.13
Trunk	HAF4017A, 1/4 Wave (764-870MHz)	5.15	851.0125	42.0	40.3	CW	E	1.11	PB	0.187	0.131	0.121	0.5	0.146	0.08	0.08
Trunk	HAF4017A, 1/4 Wave (764-870MHz)	5.15	862.0125	42.0	40.0	CW	E	1.10	PB	0.216	0.079	0.14	0.5	0.145	0.08	0.08
Trunk	HAF4017A, 1/4 Wave (764-870MHz)	5.15	868.8875	42.0	40.1	CW	E	1.09	PB	0.284	0.07	0.051	0.5	0.135	0.07	0.08
Trunk	AN000131A01, 1/4 wave (136-870MHz)	2.15	764.0875	36.0	36.0	CW	E	1.16	PF	0.043	0.087	0.025	0.5	0.052	0.03	0.03
Trunk	AN000131A01, 1/4 wave (136-870MHz)	2.15	770.0125	36.0	36.0	CW	E	1.16	PF	0.052	0.143	0.043	0.5	0.079	0.05	0.05
Trunk	AN000131A01, 1/4 wave (136-870MHz)	2.15	775.9125	36.0	36.0	CW	E	1.16	PF	0.066	0.12	0.036	0.5	0.074	0.04	0.04
Trunk	AN000131A01, 1/4 wave (136-870MHz)	2.15	794.0875	36.0	35.4	CW	E	1.17	PF	0.103	0.138	0.033	0.5	0.091	0.05	0.05
Trunk	AN000131A01, 1/4 wave (136-870MHz)	2.15	806.0125	42.0	41.6	CW	E	1.16	PF	0.105	0.103	0.048	0.5	0.085	0.05	0.05
Trunk	AN000131A01, 1/4 wave (136-870MHz)	2.15	823.9875	42.0	41.0	CW	E	1.14	PF	0.085	0.063	0.055	0.5	0.068	0.04	0.04
Trunk	AN000131A01, 1/4 wave (136-870MHz)	2.15	851.0125	42.0	40.3	CW	E	1.11	PF	0.072	0.04	0.053	0.5	0.055	0.03	0.03
Trunk	AN000131A01, 1/4 wave (136-870MHz)	2.15	862.0125	42.0	40.0	CW	E	1.10	PF	0.046	0.009	0.029	0.5	0.028	0.02	0.02
Trunk	AN000131A01, 1/4 wave (136-870MHz)	2.15	868.8875	42.0	40.1	CW	E	1.09	PF	0.024	0.012	0.034	0.5	0.023	0.01	0.01

MPE calculations are defined in section 14.0.

Table K.2 (Continued)
7/800 Band - MPE measurement data for Passenger

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurement			DUT Max. TX Factor	Avg. over Body (mW/ cm2)	Calc. P.D. (mW/ cm2)	Max Calc. P.D. (mW/ cm2)
							Passenger Positions									
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		Head/ Top 1/3	Chest/ Middle 1/3	Lower Trunk/ Bottom 1/3				
Trunk	HAF4013A, 1/4 Wave (764-870MHz)	5.15	764.0875	36.0	36.0	CW	E	1.16	PF	0.05	0.056	0.033	0.5	0.046	0.03	0.03
Trunk	HAF4013A, 1/4 Wave (764-870MHz)	5.15	770.0125	36.0	36.0	CW	E	1.16	PF	0.049	0.051	0.032	0.5	0.044	0.03	0.03
Trunk	HAF4013A, 1/4 Wave (764-870MHz)	5.15	775.9125	36.0	36.0	CW	E	1.16	PF	0.075	0.081	0.035	0.5	0.064	0.04	0.04
Trunk	HAF4013A, 1/4 Wave (764-870MHz)	5.15	794.0875	36.0	35.4	CW	E	1.17	PF	0.084	0.148	0.038	0.5	0.090	0.05	0.05
Trunk	HAF4013A, 1/4 Wave (764-870MHz)	5.15	806.0125	42.0	41.6	CW	E	1.16	PF	0.115	0.112	0.071	0.5	0.099	0.06	0.06
Trunk	HAF4013A, 1/4 Wave (764-870MHz)	5.15	823.9875	42.0	41.0	CW	E	1.14	PF	0.124	0.109	0.074	0.5	0.102	0.06	0.06
Trunk	HAF4013A, 1/4 Wave (764-870MHz)	5.15	851.0125	42.0	40.3	CW	E	1.11	PF	0.278	0.083	0.09	0.5	0.150	0.08	0.09
Trunk	HAF4013A, 1/4 Wave (764-870MHz)	5.15	862.0125	42.0	40.0	CW	E	1.10	PF	0.211	0.022	0.031	0.5	0.088	0.05	0.05
Trunk	HAF4013A, 1/4 Wave (764-870MHz)	5.15	868.8875	42.0	40.1	CW	E	1.09	PF	0.185	0.03	0.029	0.5	0.081	0.04	0.05
Trunk	HAF4014A, 1/4 Wave (764-870MHz)	5.15	764.0875	36.0	36.0	CW	E	1.16	PF	0.048	0.106	0.026	0.5	0.060	0.03	0.03
Trunk	HAF4014A, 1/4 Wave (764-870MHz)	5.15	770.0125	36.0	36.0	CW	E	1.16	PF	0.052	0.162	0.055	0.5	0.090	0.05	0.05
Trunk	HAF4014A, 1/4 Wave (764-870MHz)	5.15	775.9125	36.0	36.0	CW	E	1.16	PF	0.065	0.121	0.035	0.5	0.074	0.04	0.04
Trunk	HAF4014A, 1/4 Wave (764-870MHz)	5.15	794.0875	36.0	35.4	CW	E	1.17	PF	0.107	0.142	0.056	0.5	0.102	0.06	0.06
Trunk	HAF4014A, 1/4 Wave (764-870MHz)	5.15	806.0125	42.0	41.6	CW	E	1.16	PF	0.117	0.121	0.058	0.5	0.099	0.06	0.06
Trunk	HAF4014A, 1/4 Wave (764-870MHz)	5.15	823.9875	42.0	41.0	CW	E	1.14	PF	0.138	0.095	0.103	0.5	0.112	0.06	0.07
Trunk	HAF4014A, 1/4 Wave (764-870MHz)	5.15	851.0125	42.0	40.3	CW	E	1.11	PF	0.245	0.102	0.083	0.5	0.143	0.08	0.08
Trunk	HAF4014A, 1/4 Wave (764-870MHz)	5.15	862.0125	42.0	40.0	CW	E	1.10	PF	0.204	0.057	0.042	0.5	0.101	0.06	0.06
Trunk	HAF4014A, 1/4 Wave (764-870MHz)	5.15	868.8875	42.0	40.1	CW	E	1.09	PF	0.208	0.044	0.039	0.5	0.097	0.05	0.06

MPE calculations are defined in section 14.0.

Table K.2 (Continued)
7/800 Band - MPE measurement data for Passenger

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurement			DUT Max. TX Factor	Avg. over Body (mW/ cm2)	Calc. P.D. (mW/ cm2)	Max Calc. P.D. (mW/ cm2)
							Passenger Positions									
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		Head/ Top 1/3	Chest/ Middle 1/3	Lower Trunk/ Bottom 1/3				
Trunk	HAF4016A, 1/4 Wave (764-870MHz)	2.15	764.0875	36.0	36.0	CW	E	1.16	PF	0.093	0.175	0.067	0.5	0.112	0.06	0.06
Trunk	HAF4016A, 1/4 Wave (764-870MHz)	2.15	770.0125	36.0	36.0	CW	E	1.16	PF	0.19	0.201	0.102	0.5	0.164	0.10	0.10
Trunk	HAF4016A, 1/4 Wave (764-870MHz)	2.15	775.9125	36.0	36.0	CW	E	1.16	PF	0.137	0.236	0.094	0.5	0.156	0.09	0.09
Trunk	HAF4016A, 1/4 Wave (764-870MHz)	2.15	794.0875	36.0	35.4	CW	E	1.17	PF	0.129	0.177	0.089	0.5	0.132	0.08	0.08
Trunk	HAF4016A, 1/4 Wave (764-870MHz)	2.15	806.0125	42.0	41.6	CW	E	1.16	PF	0.14	0.201	0.107	0.5	0.149	0.09	0.09
Trunk	HAF4016A, 1/4 Wave (764-870MHz)	2.15	823.9875	42.0	41.0	CW	E	1.14	PF	0.198	0.247	0.158	0.5	0.201	0.11	0.12
Trunk	HAF4016A, 1/4 Wave (764-870MHz)	2.15	851.0125	42.0	40.3	CW	E	1.11	PF	0.318	0.136	0.125	0.5	0.193	0.11	0.11
Trunk	HAF4016A, 1/4 Wave (764-870MHz)	2.15	862.0125	42.0	40.0	CW	E	1.10	PF	0.297	0.077	0.07	0.5	0.148	0.08	0.09
Trunk	HAF4016A, 1/4 Wave (764-870MHz)	2.15	868.8875	42.0	40.1	CW	E	1.09	PF	0.235	0.061	0.05	0.5	0.115	0.06	0.07
Trunk	HAF4017A, 1/4 Wave (764-870MHz)	5.15	764.0875	36.0	36.0	CW	E	1.16	PF	0.027	0.045	0.026	0.5	0.033	0.02	0.02
Trunk	HAF4017A, 1/4 Wave (764-870MHz)	5.15	770.0125	36.0	36.0	CW	E	1.16	PF	0.026	0.057	0.022	0.5	0.035	0.02	0.02
Trunk	HAF4017A, 1/4 Wave (764-870MHz)	5.15	775.9125	36.0	36.0	CW	E	1.16	PF	0.042	0.142	0.021	0.5	0.068	0.04	0.04
Trunk	HAF4017A, 1/4 Wave (764-870MHz)	5.15	794.0875	36.0	35.4	CW	E	1.17	PF	0.075	0.102	0.027	0.5	0.068	0.04	0.04
Trunk	HAF4017A, 1/4 Wave (764-870MHz)	5.15	806.0125	42.0	41.6	CW	E	1.16	PF	0.098	0.116	0.087	0.5	0.100	0.06	0.06
Trunk	HAF4017A, 1/4 Wave (764-870MHz)	5.15	823.9875	42.0	41.0	CW	E	1.14	PF	0.219	0.263	0.146	0.5	0.209	0.12	0.12
Trunk	HAF4017A, 1/4 Wave (764-870MHz)	5.15	851.0125	42.0	40.3	CW	E	1.11	PF	0.291	0.135	0.097	0.5	0.174	0.10	0.10
Trunk	HAF4017A, 1/4 Wave (764-870MHz)	5.15	862.0125	42.0	40.0	CW	E	1.10	PF	0.278	0.101	0.082	0.5	0.154	0.08	0.09
Trunk	HAF4017A, 1/4 Wave (764-870MHz)	5.15	868.8875	42.0	40.1	CW	E	1.09	PF	0.225	0.079	0.054	0.5	0.119	0.07	0.07

MPE calculations are defined in section 14.0.

Table K.2 (Continued)
7/800 Band - MPE measurement data for Passenger

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurement			DUT Max. TX Factor	Avg. over Body (mW/ cm2)	Calc. P.D. (mW/ cm2)	Max Calc. P.D. (mW/ cm2)
							Passenger Positions									
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		Head/ Top 1/3	Chest/ Middle 1/3	Lower Trunk/ Bottom 1/3				
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	764.0875	36.0	36.0	CW	E	1.16	PB	0.027	0.026	0.017	0.5	0.023	0.01	0.01
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	770.0125	36.0	36.0	CW	E	1.16	PB	0.037	0.033	0.031	0.5	0.034	0.02	0.02
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	775.9125	36.0	36.0	CW	E	1.16	PB	0.046	0.015	0.016	0.5	0.026	0.01	0.01
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	794.0875	36.0	35.4	CW	E	1.17	PB	0.021	0.055	0.053	0.5	0.043	0.03	0.03
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	806.0125	42.0	41.6	CW	E	1.16	PB	0.027	0.029	0.082	0.5	0.046	0.03	0.03
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	823.9875	42.0	41.0	CW	E	1.14	PB	0.028	0.036	0.051	0.5	0.038	0.02	0.02
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	851.0125	42.0	40.3	CW	E	1.11	PB	0.041	0.006	0.033	0.5	0.027	0.01	0.02
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	862.0125	42.0	40.0	CW	E	1.10	PB	0.015	0.015	0.022	0.5	0.017	0.01	0.01
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	868.8875	42.0	40.1	CW	E	1.09	PB	0.003	0.012	0.014	0.5	0.010	0.01	0.01
Roof	HAF4013A, 1/4 Wave (764-870MHz)	5.15	764.0875	36.0	36.0	CW	E	1.16	PB	0.038	0.023	0.006	0.5	0.022	0.01	0.01
Roof	HAF4013A, 1/4 Wave (764-870MHz)	5.15	770.0125	36.0	36.0	CW	E	1.16	PB	0.05	0.024	0.024	0.5	0.033	0.02	0.02
Roof	HAF4013A, 1/4 Wave (764-870MHz)	5.15	775.9125	36.0	36.0	CW	E	1.16	PB	0.056	0.015	0.035	0.5	0.035	0.02	0.02
Roof	HAF4013A, 1/4 Wave (764-870MHz)	5.15	794.0875	36.0	35.4	CW	E	1.17	PB	0.039	0.048	0.047	0.5	0.045	0.03	0.03
Roof	HAF4013A, 1/4 Wave (764-870MHz)	5.15	806.0125	42.0	41.6	CW	E	1.16	PB	0.022	0.017	0.077	0.5	0.039	0.02	0.02
Roof	HAF4013A, 1/4 Wave (764-870MHz)	5.15	823.9875	42.0	41.0	CW	E	1.14	PB	0.04	0.019	0.071	0.5	0.043	0.02	0.03
Roof	HAF4013A, 1/4 Wave (764-870MHz)	5.15	851.0125	42.0	40.3	CW	E	1.11	PB	0.056	0.014	0.025	0.5	0.032	0.02	0.02
Roof	HAF4013A, 1/4 Wave (764-870MHz)	5.15	862.0125	42.0	40.0	CW	E	1.10	PB	0.005	0.017	0.016	0.5	0.013	0.01	0.01
Roof	HAF4013A, 1/4 Wave (764-870MHz)	5.15	868.8875	42.0	40.1	CW	E	1.09	PB	0.033	0.031	0.014	0.5	0.026	0.01	0.01

MPE calculations are defined in section 14.0.

Table K.2 (Continued)
7/800 Band - MPE measurement data for Passenger

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurement			DUT Max. TX Factor	Avg. over Body (mW/ cm2)	Calc. P.D. (mW/ cm2)	Max Calc. P.D. (mW/ cm2)
							Passenger Positions									
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		Head/ Top 1/3	Chest/ Middle 1/3	Lower Trunk/ Bottom 1/3				
Roof	HAF4014A, 1/4 Wave (764-870MHz)	5.15	764.0875	36.0	36.0	CW	E	1.16	PB	0.001	0.001	0.002	0.5	0.001	0.00	0.00
Roof	HAF4014A, 1/4 Wave (764-870MHz)	5.15	770.0125	36.0	36.0	CW	E	1.16	PB	0.002	0.002	0.001	0.5	0.002	0.00	0.00
Roof	HAF4014A, 1/4 Wave (764-870MHz)	5.15	775.9125	36.0	36.0	CW	E	1.16	PB	0.001	0.002	0.001	0.5	0.001	0.00	0.00
Roof	HAF4014A, 1/4 Wave (764-870MHz)	5.15	794.0875	36.0	35.4	CW	E	1.17	PB	0.002	0.002	0.001	0.5	0.002	0.00	0.00
Roof	HAF4014A, 1/4 Wave (764-870MHz)	5.15	806.0125	42.0	41.6	CW	E	1.16	PB	0.015	0.021	0.026	0.5	0.021	0.01	0.01
Roof	HAF4014A, 1/4 Wave (764-870MHz)	5.15	823.9875	42.0	41.0	CW	E	1.14	PB	0.017	0.017	0.03	0.5	0.021	0.01	0.01
Roof	HAF4014A, 1/4 Wave (764-870MHz)	5.15	851.0125	42.0	40.3	CW	E	1.11	PB	0.011	0.007	0.029	0.5	0.016	0.01	0.01
Roof	HAF4014A, 1/4 Wave (764-870MHz)	5.15	862.0125	42.0	40.0	CW	E	1.10	PB	0.055	0.025	0.035	0.5	0.038	0.02	0.02
Roof	HAF4014A, 1/4 Wave (764-870MHz)	5.15	868.8875	42.0	40.1	CW	E	1.09	PB	0.012	0.024	0.008	0.5	0.015	0.01	0.01
Roof	HAF4016A, 1/4 Wave (764-870MHz)	2.15	764.0875	36.0	36.0	CW	E	1.16	PB	0.034	0.02	0.023	0.5	0.026	0.01	0.01
Roof	HAF4016A, 1/4 Wave (764-870MHz)	2.15	770.0125	36.0	36.0	CW	E	1.16	PB	0.049	0.025	0.016	0.5	0.030	0.02	0.02
Roof	HAF4016A, 1/4 Wave (764-870MHz)	2.15	775.9125	36.0	36.0	CW	E	1.16	PB	0.058	0.019	0.035	0.5	0.037	0.02	0.02
Roof	HAF4016A, 1/4 Wave (764-870MHz)	2.15	794.0875	36.0	35.4	CW	E	1.17	PB	0.029	0.039	0.03	0.5	0.033	0.02	0.02
Roof	HAF4016A, 1/4 Wave (764-870MHz)	2.15	806.0125	42.0	41.6	CW	E	1.16	PB	0.027	0.059	0.031	0.5	0.039	0.02	0.02
Roof	HAF4016A, 1/4 Wave (764-870MHz)	2.15	823.9875	42.0	41.0	CW	E	1.14	PB	0.031	0.028	0.06	0.5	0.040	0.02	0.02
Roof	HAF4016A, 1/4 Wave (764-870MHz)	2.15	851.0125	42.0	40.3	CW	E	1.11	PB	0.013	0.013	0.027	0.5	0.018	0.01	0.01
Roof	HAF4016A, 1/4 Wave (764-870MHz)	2.15	862.0125	42.0	40.0	CW	E	1.10	PB	0.045	0.022	0.018	0.5	0.028	0.02	0.02
Roof	HAF4016A, 1/4 Wave (764-870MHz)	2.15	868.8875	42.0	40.1	CW	E	1.09	PB	0.046	0.01	0.005	0.5	0.020	0.01	0.01

MPE calculations are defined in section 14.0.

Table K.2 (Continued)
7/800 Band - MPE measurement data for Passenger

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurement			DUT Max. TX Factor	Avg. over Body (mW/ cm2)	Calc. P.D. (mW/ cm2)	Max Calc. P.D. (mW/ cm2)
										Passenger Positions						
										Head/ Top 1/3	Chest/ Middle 1/3	Lower Trunk/ Bottom 1/3				
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		Head/ Top 1/3	Chest/ Middle 1/3	Lower Trunk/ Bottom 1/3				
Roof	HAF4017A, 1/4 Wave (764-870MHz)	5.15	764.0875	36.0	36.0	CW	E	1.16	PB	0.041	0.091	0.012	0.5	0.048	0.03	0.03
Roof	HAF4017A, 1/4 Wave (764-870MHz)	5.15	770.0125	36.0	36.0	CW	E	1.16	PB	0.088	0.061	0.055	0.5	0.068	0.04	0.04
Roof	HAF4017A, 1/4 Wave (764-870MHz)	5.15	775.9125	36.0	36.0	CW	E	1.16	PB	0.103	0.072	0.075	0.5	0.083	0.05	0.05
Roof	HAF4017A, 1/4 Wave (764-870MHz)	5.15	794.0875	36.0	35.4	CW	E	1.17	PB	0.035	0.043	0.046	0.5	0.041	0.02	0.02
Roof	HAF4017A, 1/4 Wave (764-870MHz)	5.15	806.0125	42.0	41.6	CW	E	1.16	PB	0.061	0.100	0.121	0.5	0.094	0.05	0.06
Roof	HAF4017A, 1/4 Wave (764-870MHz)	5.15	823.9875	42.0	41.0	CW	E	1.14	PB	0.04	0.028	0.067	0.5	0.045	0.03	0.03
Roof	HAF4017A, 1/4 Wave (764-870MHz)	5.15	851.0125	42.0	40.3	CW	E	1.11	PB	0.062	0.01	0.029	0.5	0.034	0.02	0.02
Roof	HAF4017A, 1/4 Wave (764-870MHz)	5.15	862.0125	42.0	40.0	CW	E	1.10	PB	0.032	0.011	0.026	0.5	0.023	0.01	0.01
Roof	HAF4017A, 1/4 Wave (764-870MHz)	5.15	868.8875	42.0	40.1	CW	E	1.09	PB	0.04	0.006	0.022	0.5	0.023	0.01	0.01
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	764.0875	36.0	36.0	CW	E	1.16	PF	0.002	0.003	0.006	0.5	0.004	0.00	0.00
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	770.0125	36.0	36.0	CW	E	1.16	PF	0.003	0.002	0.003	0.5	0.003	0.00	0.00
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	775.9125	36.0	36.0	CW	E	1.16	PF	0.002	0.004	0.003	0.5	0.003	0.00	0.00
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	794.0875	36.0	35.4	CW	E	1.17	PF	0.002	0.004	0.005	0.5	0.004	0.00	0.00
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	806.0125	42.0	41.6	CW	E	1.16	PF	0.005	0.007	0.013	0.5	0.008	0.00	0.00
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	823.9875	42.0	41.0	CW	E	1.14	PF	0.013	0.018	0.012	0.5	0.014	0.01	0.01
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	851.0125	42.0	40.3	CW	E	1.11	PF	0.018	0.007	0.005	0.5	0.010	0.01	0.01
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	862.0125	42.0	40.0	CW	E	1.10	PF	0.012	0.005	0.004	0.5	0.007	0.00	0.00
Roof	AN000131A01, 1/4 wave (136-870MHz)	2.15	868.8875	42.0	40.1	CW	E	1.09	PF	0.012	0.005	0.009	0.5	0.009	0.00	0.00

MPE calculations are defined in section 14.0.

Table K.2 (Continued)
7/800 Band - MPE measurement data for Passenger

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurement			DUT Max. TX Factor	Avg. over Body (mW/ cm2)	Calc. P.D. (mW/ cm2)	Max Calc. P.D. (mW/ cm2)
							Passenger Positions									
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		Head/ Top 1/3	Chest/ Middle 1/3	Lower Trunk/ Bottom 1/3				
Roof	HAF4013A, 1/4 Wave (764-870MHz)	5.15	764.0875	36.0	36.0	CW	E	1.16	PF	0.004	0.003	0.007	0.5	0.005	0.00	0.00
Roof	HAF4013A, 1/4 Wave (764-870MHz)	5.15	770.0125	36.0	36.0	CW	E	1.16	PF	0.003	0.002	0.003	0.5	0.003	0.00	0.00
Roof	HAF4013A, 1/4 Wave (764-870MHz)	5.15	775.9125	36.0	36.0	CW	E	1.16	PF	0.006	0.004	0.001	0.5	0.004	0.00	0.00
Roof	HAF4013A, 1/4 Wave (764-870MHz)	5.15	794.0875	36.0	35.4	CW	E	1.17	PF	0.003	0.003	0.006	0.5	0.004	0.00	0.00
Roof	HAF4013A, 1/4 Wave (764-870MHz)	5.15	806.0125	42.0	41.6	CW	E	1.16	PF	0.012	0.008	0.01	0.5	0.010	0.01	0.01
Roof	HAF4013A, 1/4 Wave (764-870MHz)	5.15	823.9875	42.0	41.0	CW	E	1.14	PF	0.004	0.01	0.004	0.5	0.006	0.00	0.00
Roof	HAF4013A, 1/4 Wave (764-870MHz)	5.15	851.0125	42.0	40.3	CW	E	1.11	PF	0.018	0.015	0.003	0.5	0.012	0.01	0.01
Roof	HAF4013A, 1/4 Wave (764-870MHz)	5.15	862.0125	42.0	40.0	CW	E	1.10	PF	0.025	0.006	0.008	0.5	0.013	0.01	0.01
Roof	HAF4013A, 1/4 Wave (764-870MHz)	5.15	868.8875	42.0	40.1	CW	E	1.09	PF	0.042	0.024	0.023	0.5	0.030	0.02	0.02
Roof	HAF4014A, 1/4 Wave (764-870MHz)	5.15	764.0875	36.0	36.0	CW	E	1.16	PF	0	0.001	0.001	0.5	0.001	0.00	0.00
Roof	HAF4014A, 1/4 Wave (764-870MHz)	5.15	770.0125	36.0	36.0	CW	E	1.16	PF	0.001	0.001	0.001	0.5	0.001	0.00	0.00
Roof	HAF4014A, 1/4 Wave (764-870MHz)	5.15	775.9125	36.0	36.0	CW	E	1.16	PF	0	0.001	0.002	0.5	0.001	0.00	0.00
Roof	HAF4014A, 1/4 Wave (764-870MHz)	5.15	794.0875	36.0	35.4	CW	E	1.17	PF	0.001	0.001	0.001	0.5	0.001	0.00	0.00
Roof	HAF4014A, 1/4 Wave (764-870MHz)	5.15	806.0125	42.0	41.6	CW	E	1.16	PF	0.009	0.006	0.004	0.5	0.006	0.00	0.00
Roof	HAF4014A, 1/4 Wave (764-870MHz)	5.15	823.9875	42.0	41.0	CW	E	1.14	PF	0.005	0.011	0.004	0.5	0.007	0.00	0.00
Roof	HAF4014A, 1/4 Wave (764-870MHz)	5.15	851.0125	42.0	40.3	CW	E	1.11	PF	0.021	0.021	0.008	0.5	0.017	0.01	0.01
Roof	HAF4014A, 1/4 Wave (764-870MHz)	5.15	862.0125	42.0	40.0	CW	E	1.10	PF	0.033	0.015	0.012	0.5	0.020	0.01	0.01
Roof	HAF4014A, 1/4 Wave (764-870MHz)	5.15	868.8875	42.0	40.1	CW	E	1.09	PF	0.037	0.017	0.012	0.5	0.022	0.01	0.01

MPE calculations are defined in section 14.0.

Table K.2 (Continued)
7/800 Band - MPE measurement data for Passenger

D.U.T. Info.							Probe Info.		Test Pos.	MPE Measurement			DUT Max. TX Factor	Avg. over Body (mW/ cm2)	Calc. P.D. (mW/ cm2)	Max Calc. P.D. (mW/ cm2)
							Passenger Positions									
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		Head/ Top 1/3	Chest/ Middle 1/3	Lower Trunk/ Bottom 1/3				
Roof	HAF4016A, 1/4 Wave (764-870MHz)	2.15	764.0875	36.0	36.0	CW	E	1.16	PF	0.003	0.004	0.004	0.5	0.004	0.00	0.00
Roof	HAF4016A, 1/4 Wave (764-870MHz)	2.15	770.0125	36.0	36.0	CW	E	1.16	PF	0.003	0.004	0.004	0.5	0.004	0.00	0.00
Roof	HAF4016A, 1/4 Wave (764-870MHz)	2.15	775.9125	36.0	36.0	CW	E	1.16	PF	0.011	0.011	0.004	0.5	0.009	0.01	0.01
Roof	HAF4016A, 1/4 Wave (764-870MHz)	2.15	794.0875	36.0	35.4	CW	E	1.17	PF	0.004	0.009	0.006	0.5	0.006	0.00	0.00
Roof	HAF4016A, 1/4 Wave (764-870MHz)	2.15	806.0125	42.0	41.6	CW	E	1.16	PF	0.02	0.015	0.024	0.5	0.020	0.01	0.01
Roof	HAF4016A, 1/4 Wave (764-870MHz)	2.15	823.9875	42.0	41.0	CW	E	1.14	PF	0.005	0.016	0.005	0.5	0.009	0.00	0.01
Roof	HAF4016A, 1/4 Wave (764-870MHz)	2.15	851.0125	42.0	40.3	CW	E	1.11	PF	0.013	0.016	0.005	0.5	0.011	0.01	0.01
Roof	HAF4016A, 1/4 Wave (764-870MHz)	2.15	862.0125	42.0	40.0	CW	E	1.10	PF	0.012	0.018	0.009	0.5	0.013	0.01	0.01
Roof	HAF4016A, 1/4 Wave (764-870MHz)	2.15	868.8875	42.0	40.1	CW	E	1.09	PF	0.017	0.017	0.018	0.5	0.017	0.01	0.01
Roof	HAF4017A, 1/4 Wave (764-870MHz)	5.15	764.0875	36.0	36.0	CW	E	1.16	PF	0.003	0.007	0.017	0.5	0.009	0.01	0.01
Roof	HAF4017A, 1/4 Wave (764-870MHz)	5.15	770.0125	36.0	36.0	CW	E	1.16	PF	0.005	0.012	0.024	0.5	0.014	0.01	0.01
Roof	HAF4017A, 1/4 Wave (764-870MHz)	5.15	775.9125	36.0	36.0	CW	E	1.16	PF	0.017	0.016	0.006	0.5	0.013	0.01	0.01
Roof	HAF4017A, 1/4 Wave (764-870MHz)	5.15	794.0875	36.0	35.4	CW	E	1.17	PF	0.015	0.065	0.017	0.5	0.032	0.02	0.02
Roof	HAF4017A, 1/4 Wave (764-870MHz)	5.15	806.0125	42.0	41.6	CW	E	1.16	PF	0.046	0.029	0.031	0.5	0.035	0.02	0.02
Roof	HAF4017A, 1/4 Wave (764-870MHz)	5.15	823.9875	42.0	41.0	CW	E	1.14	PF	0.014	0.025	0.013	0.5	0.017	0.01	0.01
Roof	HAF4017A, 1/4 Wave (764-870MHz)	5.15	851.0125	42.0	40.3	CW	E	1.11	PF	0.033	0.019	0.007	0.5	0.020	0.01	0.01
Roof	HAF4017A, 1/4 Wave (764-870MHz)	5.15	862.0125	42.0	40.0	CW	E	1.10	PF	0.031	0.009	0.01	0.5	0.017	0.01	0.01
Roof	HAF4017A, 1/4 Wave (764-870MHz)	5.15	868.8875	42.0	40.1	CW	E	1.09	PF	0.055	0.034	0.023	0.5	0.037	0.02	0.02

MPE calculations are defined in section 14.0.