

1.0 Description and Test Setup

As per FCC OET Lab KDB inquiry/guidance regarding the BlackBerry Dynamic Antenna Tuning implementation, single point screening SAR test was performed in each 9 tuning state, on each low band, test configuration/position to investigate the effect and cover the corners, midpoints of the edges and the mid-point of the tuning range, in addition to the Closed Loop condition scan.

Single point SAR screening was considered because the antenna matching elements do not influence the SAR distribution.

All 3 device models use 2 tuning capacitors with 3 tuning states each to provide 9 total tuning states for each adjustable closed loop tuner.

The primary reason for the implementing of the closed loop tunable antenna matching is that it reduces the variation from maximum radiated output power. Hence during SAR testing, the radiated power will vary less than it would for a fixed match and will always be the maximum radiated output power. Because the tunable matching consists of discrete variable components that have replaced fixed components in a typical antenna match and are not part of the antenna structure, they will not impact current distributions or antenna patterns. Correspondingly, the tunable matching impacts the power reaching the antenna without affecting the radiation pattern of the antenna.

For each exposure condition (touch, tilt, left, right for head and fixed separation for body-worn SAR), the highest measured SAR configuration (among the channels and wireless configurations tested; i.e. GSM/GPRS, WCDMA, LTE test mode setups) was identified and SAR probe was positioned at the highest SAR measurement point in the area scan and performed single point SAR measurement for all available tuning states; including the one already measured with closed loop tuning active.

The device was remained in each SAR test position (for head and body) while it is tuned to the 9 tuning states for single point SAR measurement.

Each tuning state was controlled by the Antenna Tuning/WiFi software tools using an Access Point and WiFi communication over the air.

When programming the tuner settings over the WiFi, there was a very short burst of traffic and then no activity. There was no WiFi traffic when the SAR test was running.

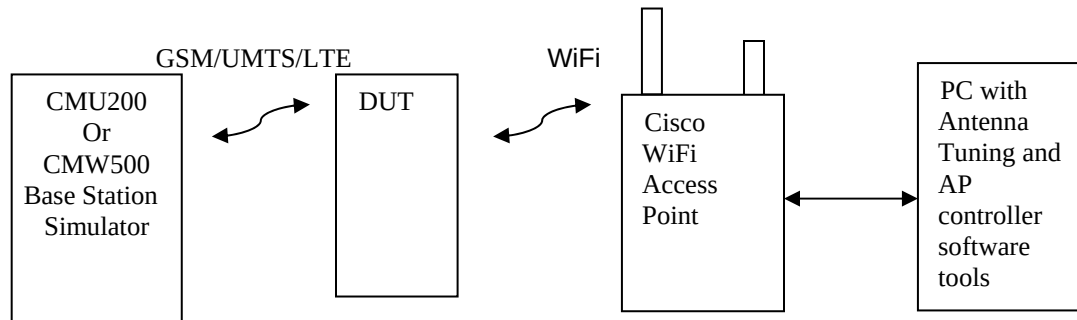


Figure 1.0 Single point screening test setup

2.0 Device Information

Model #		RHK211LW (STV100-1)			
FCC ID #		L6ARHK210LW			
DeviceType	Sample #	Device S/N	HW REV #	CPR #	Software Bundle
Radiated	65	1161504665	Rev 4-01	30231	AAC273
Radiated	66	1161507560	Rev 4-01	30231	AAC273

Model #		RHL211LW (STV100-3)			
FCC ID #		L6ARHL210LW			
DeviceType	Sample #	Device S/N	HW REV #	CPR #	Software Bundle
Radiated	40	1161507290	Rev 4-01	30231	AAC273
Radiated	41	1161507352	Rev 4-01	30231	AAC273

Model #		RHM181LW (STV100-4)			
FCC ID #		L6ARHM180LW			
DeviceType	Sample #	Device S/N	HW REV #	CPR #	Software Bundle
Radiated	43	1161509634	Rev 2-01	30233	AAC273

Single Point SAR Screening for Antenna Tuning States

2.0 Single Point SAR Screening Test Data

BlackBerry Model: RHK211LW

Measured SAR Values - Head - LTE Band 12 700 MHz (BW 10 MHz)							
Channel	Freq. (MHz)	Position	Slider Position	Max. SAR (W/kg)	% delta from Closed Loop	Scan #	Comments
23095	707.5	Left Cheek	Closed	0.189	0.00	1	Closed Loop
				0.062	-67.35	2	Cap 1= Max C, Cap 2= Max C
				0.080	-57.94	3	Cap 1= Max C, Cap 2= Mid C
				0.103	-45.50	4	Cap 1= Max C, Cap 2= Min C
				0.081	-57.25	5	Cap 1= Mid C, Cap 2= Max C
				0.113	-40.21	6	Cap 1= Mid C, Cap 2= Mid C
				0.150	-20.63	7	Cap 1= Mid C, Cap 2= Min C
				0.106	-43.92	8	Cap 1= Min C, Cap 2= Max C
				0.157	-16.93	9	Cap 1= Min C, Cap 2= Mid C
				0.187	-1.06	10	Cap 1= Min C, Cap 2= Min C
23095	707.5	Left Tilt	Closed	0.128	0.00	1	Closed Loop
				0.039	-69.53	2	Cap 1= Max C, Cap 2= Max C
				0.051	-60.39	3	Cap 1= Max C, Cap 2= Mid C
				0.065	-48.98	4	Cap 1= Max C, Cap 2= Min C
				0.051	-60.39	5	Cap 1= Mid C, Cap 2= Max C
				0.073	-42.97	6	Cap 1= Mid C, Cap 2= Mid C
				0.096	-24.69	7	Cap 1= Mid C, Cap 2= Min C
				0.067	-47.34	8	Cap 1= Min C, Cap 2= Max C
				0.102	-20.31	9	Cap 1= Min C, Cap 2= Mid C
				0.119	-7.03	10	Cap 1= Min C, Cap 2= Min C
23095	707.5	Left Cheek	Open	0.129	0.00	1	Closed Loop
				0.040	-68.76	2	Cap 1= Max C, Cap 2= Max C
				0.052	-59.53	3	Cap 1= Max C, Cap 2= Mid C
				0.066	-49.15	4	Cap 1= Max C, Cap 2= Min C
				0.052	-59.77	5	Cap 1= Mid C, Cap 2= Max C
				0.076	-40.85	6	Cap 1= Mid C, Cap 2= Mid C
				0.100	-22.56	7	Cap 1= Mid C, Cap 2= Min C
				0.073	-43.49	8	Cap 1= Min C, Cap 2= Max C
				0.111	-13.95	9	Cap 1= Min C, Cap 2= Mid C
				0.124	-3.88	10	Cap 1= Min C, Cap 2= Min C
23095	707.5	Left Tilt	Open	0.064	0.00	1	Closed Loop
				0.020	-69.17	2	Cap 1= Max C, Cap 2= Max C
				0.027	-58.06	3	Cap 1= Max C, Cap 2= Mid C
				0.034	-46.64	4	Cap 1= Max C, Cap 2= Min C
				0.027	-58.06	5	Cap 1= Mid C, Cap 2= Max C
				0.039	-38.34	6	Cap 1= Mid C, Cap 2= Mid C
				0.051	-20.50	7	Cap 1= Mid C, Cap 2= Min C
				0.037	-42.72	8	Cap 1= Min C, Cap 2= Max C
				0.057	-11.27	9	Cap 1= Min C, Cap 2= Mid C
				0.062	-2.66	10	Cap 1= Min C, Cap 2= Min C

Single Point SAR Screening for Antenna Tuning States

Measured SAR Values - Head - LTE Band 12 700 MHz (BW 10 MHz)							
Channel	Freq. (MHz)	Position	Slider Position	Max. SAR (W/kg)	% delta from Closed Loop	Scan #	Comments
23130	711.0	Right Cheek	Closed	0.222	0.00	1	Closed Loop
				0.064	-71.35	2	Cap 1= Max C, Cap 2= Max C
				0.088	-60.45	3	Cap 1= Max C, Cap 2= Mid C
				0.111	-50.00	4	Cap 1= Max C, Cap 2= Min C
				0.085	-61.62	5	Cap 1= Mid C, Cap 2= Max C
				0.123	-44.59	6	Cap 1= Mid C, Cap 2= Mid C
				0.167	-24.77	7	Cap 1= Mid C, Cap 2= Min C
				0.113	-49.10	8	Cap 1= Min C, Cap 2= Max C
				0.174	-21.62	9	Cap 1= Min C, Cap 2= Mid C
				0.212	-4.50	10	Cap 1= Min C, Cap 2= Min C
23095	707.5	Right Tilt	Closed	0.125	0.00	1	Closed Loop
				0.040	-68.16	2	Cap 1= Max C, Cap 2= Max C
				0.053	-57.52	3	Cap 1= Max C, Cap 2= Mid C
				0.067	-46.80	4	Cap 1= Max C, Cap 2= Min C
				0.053	-57.76	5	Cap 1= Mid C, Cap 2= Max C
				0.076	-38.88	6	Cap 1= Mid C, Cap 2= Mid C
				0.101	-19.20	7	Cap 1= Mid C, Cap 2= Min C
				0.069	-44.80	8	Cap 1= Min C, Cap 2= Max C
				0.107	-14.40	9	Cap 1= Min C, Cap 2= Mid C
				0.122	-2.40	10	Cap 1= Min C, Cap 2= Min C
23095	707.5	Right Cheek	Open	0.127	0.00	1	Closed Loop
				0.039	-69.69	2	Cap 1= Max C, Cap 2= Max C
				0.052	-59.21	3	Cap 1= Max C, Cap 2= Mid C
				0.065	-48.66	4	Cap 1= Max C, Cap 2= Min C
				0.052	-59.45	5	Cap 1= Mid C, Cap 2= Max C
				0.074	-41.50	6	Cap 1= Mid C, Cap 2= Mid C
				0.097	-24.02	7	Cap 1= Mid C, Cap 2= Min C
				0.071	-44.02	8	Cap 1= Min C, Cap 2= Max C
				0.109	-14.17	9	Cap 1= Min C, Cap 2= Mid C
				0.117	-7.87	10	Cap 1= Min C, Cap 2= Min C
23095	707.5	Right Tilt	Open	0.074	0.00	1	Closed Loop
				0.021	-71.76	2	Cap 1= Max C, Cap 2= Max C
				0.028	-61.89	3	Cap 1= Max C, Cap 2= Mid C
				0.037	-50.54	4	Cap 1= Max C, Cap 2= Min C
				0.029	-61.08	5	Cap 1= Mid C, Cap 2= Max C
				0.043	-42.57	6	Cap 1= Mid C, Cap 2= Mid C
				0.056	-24.46	7	Cap 1= Mid C, Cap 2= Min C
				0.041	-45.14	8	Cap 1= Min C, Cap 2= Max C
				0.062	-15.68	9	Cap 1= Min C, Cap 2= Mid C
				0.068	-7.57	10	Cap 1= Min C, Cap 2= Min C

Single Point SAR Screening for Antenna Tuning States

Measured SAR Values - Body-Worn (15mm Spacing) - LTE Band 12 700 MHz (BW 10 MHz)							
Channel	Freq. (MHz)	Position	Slider Position	Max. SAR (W/kg)	% delta from Closed Loop	Scan #	Comments
23130	711.0	15mm Back	Closed	0.297	0.00	1	Closed Loop
				0.111	-62.63	2	Cap 1= Max C, Cap 2= Max C
				0.143	-51.85	3	Cap 1= Max C, Cap 2= Mid C
				0.172	-42.09	4	Cap 1= Max C, Cap 2= Min C
				0.139	-53.20	5	Cap 1= Mid C, Cap 2= Max C
				0.190	-36.03	6	Cap 1= Mid C, Cap 2= Mid C
				0.239	-19.53	7	Cap 1= Mid C, Cap 2= Min C
				0.180	-39.39	8	Cap 1= Min C, Cap 2= Max C
				0.250	-15.82	9	Cap 1= Min C, Cap 2= Mid C
				0.286	-3.70	10	Cap 1= Min C, Cap 2= Min C
23095	707.5	15mm Front	Closed	0.243	0.00	1	Closed Loop
				0.089	-63.46	2	Cap 1= Max C, Cap 2= Max C
				0.121	-50.21	3	Cap 1= Max C, Cap 2= Mid C
				0.155	-36.21	4	Cap 1= Max C, Cap 2= Min C
				0.118	-51.44	5	Cap 1= Mid C, Cap 2= Max C
				0.167	-31.28	6	Cap 1= Mid C, Cap 2= Mid C
				0.204	-16.05	7	Cap 1= Mid C, Cap 2= Min C
				0.159	-34.57	8	Cap 1= Min C, Cap 2= Max C
				0.222	-8.64	9	Cap 1= Min C, Cap 2= Mid C
				0.241	-0.82	10	Cap 1= Min C, Cap 2= Min C

Device Model	RHK211LW (STV100-1)
Hardware Rev. #	Rev 4-01
Software Bundle #	AAC273
Date	8/25/2015

Single Point SAR Screening for Antenna Tuning States

Measured SAR Values - Head - LTE Band 17 700 MHz (BW 10 MHz)							
Channel	Freq. (MHz)	Position	Slider Position	Max. SAR (W/kg)	% delta from Closed Loop	Scan #	Comments
23790	710.0	Left Cheek	Closed	0.168	0.00	1	Closed Loop
				0.045	-72.98	2	Cap 1= Max C, Cap 2= Max C
				0.063	-62.74	3	Cap 1= Max C, Cap 2= Mid C
				0.081	-51.85	4	Cap 1= Max C, Cap 2= Min C
				0.059	-64.70	5	Cap 1= Mid C, Cap 2= Max C
				0.086	-48.87	6	Cap 1= Mid C, Cap 2= Mid C
				0.114	-32.14	7	Cap 1= Mid C, Cap 2= Min C
				0.076	-54.94	8	Cap 1= Min C, Cap 2= Max C
				0.117	-30.36	9	Cap 1= Min C, Cap 2= Mid C
				0.153	-8.93	10	Cap 1= Min C, Cap 2= Min C
23790	710.0	Left Tilt	Closed	0.089	0.00	1	Closed Loop
				0.028	-68.25	2	Cap 1= Max C, Cap 2= Max C
				0.038	-57.40	3	Cap 1= Max C, Cap 2= Mid C
				0.048	-45.65	4	Cap 1= Max C, Cap 2= Min C
				0.037	-58.64	5	Cap 1= Mid C, Cap 2= Max C
				0.052	-41.13	6	Cap 1= Mid C, Cap 2= Mid C
				0.069	-21.92	7	Cap 1= Mid C, Cap 2= Min C
				0.050	-43.73	8	Cap 1= Min C, Cap 2= Max C
				0.071	-19.77	9	Cap 1= Min C, Cap 2= Mid C
				0.088	-0.90	10	Cap 1= Min C, Cap 2= Min C
23790	710.0	Left Cheek	Open	0.109	0.00	1	Closed Loop
				0.031	-71.47	2	Cap 1= Max C, Cap 2= Max C
				0.043	-60.92	3	Cap 1= Max C, Cap 2= Mid C
				0.056	-49.08	4	Cap 1= Max C, Cap 2= Min C
				0.041	-62.11	5	Cap 1= Mid C, Cap 2= Max C
				0.061	-44.50	6	Cap 1= Mid C, Cap 2= Mid C
				0.083	-24.31	7	Cap 1= Mid C, Cap 2= Min C
				0.055	-49.45	8	Cap 1= Min C, Cap 2= Max C
				0.087	-20.28	9	Cap 1= Min C, Cap 2= Mid C
				0.107	-1.83	10	Cap 1= Min C, Cap 2= Min C
23790	710.0	Left Tilt	Open	0.051	0.00	1	Closed Loop
				0.015	-70.30	2	Cap 1= Max C, Cap 2= Max C
				0.020	-59.60	3	Cap 1= Max C, Cap 2= Mid C
				0.026	-47.92	4	Cap 1= Max C, Cap 2= Min C
				0.021	-59.01	5	Cap 1= Mid C, Cap 2= Max C
				0.030	-41.58	6	Cap 1= Mid C, Cap 2= Mid C
				0.038	-24.36	7	Cap 1= Mid C, Cap 2= Min C
				0.027	-45.74	8	Cap 1= Min C, Cap 2= Max C
				0.042	-17.03	9	Cap 1= Min C, Cap 2= Mid C
				0.050	-1.19	10	Cap 1= Min C, Cap 2= Min C

Single Point SAR Screening for Antenna Tuning States

Measured SAR Values - Head - LTE Band 17 700 MHz (BW 10 MHz)							
Channel	Freq. (MHz)	Position	Slider Position	Max. SAR (W/kg)	% delta from Closed Loop	Scan #	Comments
23780	709.0	Right Cheek	Closed	0.226	0.00	1	Closed Loop
				0.070	-68.98	2	Cap 1= Max C, Cap 2= Max C
				0.095	-57.88	3	Cap 1= Max C, Cap 2= Mid C
				0.122	-46.02	4	Cap 1= Max C, Cap 2= Min C
				0.093	-59.03	5	Cap 1= Mid C, Cap 2= Max C
				0.134	-40.71	6	Cap 1= Mid C, Cap 2= Mid C
				0.181	-19.91	7	Cap 1= Mid C, Cap 2= Min C
				0.124	-45.13	8	Cap 1= Min C, Cap 2= Max C
				0.189	-16.37	9	Cap 1= Min C, Cap 2= Mid C
				0.224	-0.88	10	Cap 1= Min C, Cap 2= Min C
23790	710.0	Right Tilt	Closed	0.122	0.00	1	Closed Loop
				0.039	-68.28	2	Cap 1= Max C, Cap 2= Max C
				0.053	-56.39	3	Cap 1= Max C, Cap 2= Mid C
				0.067	-45.41	4	Cap 1= Max C, Cap 2= Min C
				0.051	-57.87	5	Cap 1= Mid C, Cap 2= Max C
				0.072	-41.31	6	Cap 1= Mid C, Cap 2= Mid C
				0.093	-23.61	7	Cap 1= Mid C, Cap 2= Min C
				0.067	-44.84	8	Cap 1= Min C, Cap 2= Max C
				0.098	-19.51	9	Cap 1= Min C, Cap 2= Mid C
				0.122	0.00	10	Cap 1= Min C, Cap 2= Min C
23790	710.0	Right Cheek	Open	0.121	0.00	1	Closed Loop
				0.038	-68.60	2	Cap 1= Max C, Cap 2= Max C
				0.051	-57.69	3	Cap 1= Max C, Cap 2= Mid C
				0.065	-46.20	4	Cap 1= Max C, Cap 2= Min C
				0.052	-56.86	5	Cap 1= Mid C, Cap 2= Max C
				0.073	-40.08	6	Cap 1= Mid C, Cap 2= Mid C
				0.095	-21.57	7	Cap 1= Mid C, Cap 2= Min C
				0.070	-41.98	8	Cap 1= Min C, Cap 2= Max C
				0.103	-14.88	9	Cap 1= Min C, Cap 2= Mid C
				0.121	0.00	10	Cap 1= Min C, Cap 2= Min C
23790	710.0	Right Tilt	Open	0.071	0.00	1	Closed Loop
				0.022	-68.45	2	Cap 1= Max C, Cap 2= Max C
				0.030	-57.75	3	Cap 1= Max C, Cap 2= Mid C
				0.039	-45.77	4	Cap 1= Max C, Cap 2= Min C
				0.030	-57.46	5	Cap 1= Mid C, Cap 2= Max C
				0.043	-39.72	6	Cap 1= Mid C, Cap 2= Mid C
				0.055	-22.68	7	Cap 1= Mid C, Cap 2= Min C
				0.041	-41.83	8	Cap 1= Min C, Cap 2= Max C
				0.060	-15.07	9	Cap 1= Min C, Cap 2= Mid C
				0.071	-0.56	10	Cap 1= Min C, Cap 2= Min C

Single Point SAR Screening for Antenna Tuning States

Measured SAR Values - Body-Worn (15mm Spacing) - LTE Band 17 700 MHz (BW 10 MHz)							
Channel	Freq. (MHz)	Position	Slider Position	Max. SAR (W/kg)	% delta from Closed Loop	Scan #	Comments
23780	709.0	15mm Back	Closed	0.275	0.00	1	Closed Loop
				0.104	-62.18	2	Cap 1= Max C, Cap 2= Max C
				0.135	-50.91	3	Cap 1= Max C, Cap 2= Mid C
				0.174	-36.73	4	Cap 1= Max C, Cap 2= Min C
				0.135	-50.91	5	Cap 1= Mid C, Cap 2= Max C
				0.185	-32.73	6	Cap 1= Mid C, Cap 2= Mid C
				0.236	-14.18	7	Cap 1= Mid C, Cap 2= Min C
				0.179	-34.91	8	Cap 1= Min C, Cap 2= Max C
				0.251	-8.73	9	Cap 1= Min C, Cap 2= Mid C
				0.275	0.00	10	Cap 1= Min C, Cap 2= Min C
23790	710.0	15mm Front	Closed	0.233	0.00	1	Closed Loop
				0.069	-70.34	2	Cap 1= Max C, Cap 2= Max C
				0.095	-59.31	3	Cap 1= Max C, Cap 2= Mid C
				0.120	-48.50	4	Cap 1= Max C, Cap 2= Min C
				0.087	-62.49	5	Cap 1= Mid C, Cap 2= Max C
				0.125	-46.35	6	Cap 1= Mid C, Cap 2= Mid C
				0.160	-31.33	7	Cap 1= Mid C, Cap 2= Min C
				0.116	-50.21	8	Cap 1= Min C, Cap 2= Max C
				0.166	-28.76	9	Cap 1= Min C, Cap 2= Mid C
				0.200	-14.16	10	Cap 1= Min C, Cap 2= Min C

Device Model	RHK211LW (STV100-1)
Hardware Rev. #	Rev 4-01
Software Bundle #	AAC273
Date	8/26/2015

Single Point SAR Screening for Antenna Tuning States

Measured SAR Values - Head - LTE Band 5 850 MHz (BW 10 MHz)							
Channel	Freq. (MHz)	Position	Slider Position	Max. SAR (W/kg)	% delta from Closed Loop	Scan #	Comments
20525	836.5	Left Cheek	Closed	0.295	0.00	1	Closed Loop
				0.246	-16.61	2	Cap 1= Max C, Cap 2= Max C
				0.231	-21.69	3	Cap 1= Max C, Cap 2= Mid C
				0.211	-28.47	4	Cap 1= Max C, Cap 2= Min C
				0.258	-12.54	5	Cap 1= Mid C, Cap 2= Max C
				0.221	-25.08	6	Cap 1= Mid C, Cap 2= Mid C
				0.184	-37.63	7	Cap 1= Mid C, Cap 2= Min C
				0.201	-31.86	8	Cap 1= Min C, Cap 2= Max C
				0.162	-45.08	9	Cap 1= Min C, Cap 2= Mid C
				0.125	-57.63	10	Cap 1= Min C, Cap 2= Min C
20525	836.5	Left Tilt	Closed	0.199	0.00	1	Closed Loop
				0.180	-9.55	2	Cap 1= Max C, Cap 2= Max C
				0.170	-14.57	3	Cap 1= Max C, Cap 2= Mid C
				0.154	-22.61	4	Cap 1= Max C, Cap 2= Min C
				0.179	-10.05	5	Cap 1= Mid C, Cap 2= Max C
				0.184	-7.54	6	Cap 1= Mid C, Cap 2= Mid C
				0.184	-7.54	7	Cap 1= Mid C, Cap 2= Min C
				0.179	-10.05	8	Cap 1= Min C, Cap 2= Max C
				0.181	-9.05	9	Cap 1= Min C, Cap 2= Mid C
				0.188	-5.53	10	Cap 1= Min C, Cap 2= Min C
20525	836.5	Left Cheek	Open	0.210	0.00	1	Closed Loop
				0.208	-0.95	2	Cap 1= Max C, Cap 2= Max C
				0.204	-2.86	3	Cap 1= Max C, Cap 2= Mid C
				0.188	-10.48	4	Cap 1= Max C, Cap 2= Min C
				0.205	-2.38	5	Cap 1= Mid C, Cap 2= Max C
				0.182	-13.33	6	Cap 1= Mid C, Cap 2= Mid C
				0.154	-26.67	7	Cap 1= Mid C, Cap 2= Min C
				0.155	-26.19	8	Cap 1= Min C, Cap 2= Max C
				0.129	-38.57	9	Cap 1= Min C, Cap 2= Mid C
				0.129	-38.57	10	Cap 1= Min C, Cap 2= Min C
20525	836.5	Left Tilt	Open	0.127	0.00	1	Closed Loop
				0.127	0.00	2	Cap 1= Max C, Cap 2= Max C
				0.120	-5.51	3	Cap 1= Max C, Cap 2= Mid C
				0.111	-12.60	4	Cap 1= Max C, Cap 2= Min C
				0.120	-5.51	5	Cap 1= Mid C, Cap 2= Max C
				0.103	-18.90	6	Cap 1= Mid C, Cap 2= Mid C
				0.085	-32.76	7	Cap 1= Mid C, Cap 2= Min C
				0.086	-32.44	8	Cap 1= Min C, Cap 2= Max C
				0.071	-43.86	9	Cap 1= Min C, Cap 2= Mid C
				0.057	-55.20	10	Cap 1= Min C, Cap 2= Min C

Single Point SAR Screening for Antenna Tuning States

Measured SAR Values - Head - LTE Band 5 850 MHz (BW 10 MHz)							
Channel	Freq. (MHz)	Position	Slider Position	Max. SAR (W/kg)	% delta from Closed Loop	Scan #	Comments
20525	836.5	Right Cheek	Closed	0.315	0.00	1	Closed Loop
				0.275	-12.70	2	Cap 1= Max C, Cap 2= Max C
				0.265	-15.87	3	Cap 1= Max C, Cap 2= Mid C
				0.241	-23.49	4	Cap 1= Max C, Cap 2= Min C
				0.291	-7.62	5	Cap 1= Mid C, Cap 2= Max C
				0.251	-20.32	6	Cap 1= Mid C, Cap 2= Mid C
				0.211	-33.02	7	Cap 1= Mid C, Cap 2= Min C
				0.235	-25.40	8	Cap 1= Min C, Cap 2= Max C
				0.184	-41.59	9	Cap 1= Min C, Cap 2= Mid C
				0.142	-54.92	10	Cap 1= Min C, Cap 2= Min C
20525	836.5	Right Tilt	Closed	0.219	0.00	1	Closed Loop
				0.202	-7.76	2	Cap 1= Max C, Cap 2= Max C
				0.187	-14.61	3	Cap 1= Max C, Cap 2= Mid C
				0.168	-23.29	4	Cap 1= Max C, Cap 2= Min C
				0.198	-9.59	5	Cap 1= Mid C, Cap 2= Max C
				0.170	-22.37	6	Cap 1= Mid C, Cap 2= Mid C
				0.141	-35.62	7	Cap 1= Mid C, Cap 2= Min C
				0.153	-30.14	8	Cap 1= Min C, Cap 2= Max C
				0.120	-45.21	9	Cap 1= Min C, Cap 2= Mid C
				0.095	-56.62	10	Cap 1= Min C, Cap 2= Min C
20525	836.5	Right Cheek	Open	0.236	0.00	1	Closed Loop
				0.230	-2.54	2	Cap 1= Max C, Cap 2= Max C
				0.222	-5.93	3	Cap 1= Max C, Cap 2= Mid C
				0.211	-10.59	4	Cap 1= Max C, Cap 2= Min C
				0.225	-4.66	5	Cap 1= Mid C, Cap 2= Max C
				0.197	-16.53	6	Cap 1= Mid C, Cap 2= Mid C
				0.170	-27.97	7	Cap 1= Mid C, Cap 2= Min C
				0.171	-27.54	8	Cap 1= Min C, Cap 2= Max C
				0.140	-40.68	9	Cap 1= Min C, Cap 2= Mid C
				0.114	-51.69	10	Cap 1= Min C, Cap 2= Min C
20525	836.5	Right Tilt	Open	0.132	0.00	1	Closed Loop
				0.126	-4.55	2	Cap 1= Max C, Cap 2= Max C
				0.117	-11.36	3	Cap 1= Max C, Cap 2= Mid C
				0.108	-18.18	4	Cap 1= Max C, Cap 2= Min C
				0.115	-12.88	5	Cap 1= Mid C, Cap 2= Max C
				0.102	-22.73	6	Cap 1= Mid C, Cap 2= Mid C
				0.086	-34.62	7	Cap 1= Mid C, Cap 2= Min C
				0.086	-34.70	8	Cap 1= Min C, Cap 2= Max C
				0.070	-46.82	9	Cap 1= Min C, Cap 2= Mid C
				0.056	-57.50	10	Cap 1= Min C, Cap 2= Min C

Single Point SAR Screening for Antenna Tuning States

Measured SAR Values - Body-Worn (15mm Spacing) - LTE Band 5 850 MHz (BW 10 MHz)							
Channel	Freq. (MHz)	Position	Slider Position	Max. SAR (W/kg)	% delta from Closed Loop	Scan #	Comments
20525	836.5	15mm Back	Closed	0.275	0.00	1	Closed Loop
				0.267	-2.91	2	Cap 1= Max C, Cap 2= Max C
				0.253	-8.00	3	Cap 1= Max C, Cap 2= Mid C
				0.231	-16.00	4	Cap 1= Max C, Cap 2= Min C
				0.271	-1.45	5	Cap 1= Mid C, Cap 2= Max C
				0.272	-1.09	6	Cap 1= Mid C, Cap 2= Mid C
				0.200	-27.27	7	Cap 1= Mid C, Cap 2= Min C
				0.220	-20.00	8	Cap 1= Min C, Cap 2= Max C
				0.176	-36.00	9	Cap 1= Min C, Cap 2= Mid C
				0.139	-49.45	10	Cap 1= Min C, Cap 2= Min C
20450	829.0	15mm Front	Closed	0.351	0.00	1	Closed Loop
				0.351	0.00	2	Cap 1= Max C, Cap 2= Max C
				0.339	-3.42	3	Cap 1= Max C, Cap 2= Mid C
				0.339	-3.42	4	Cap 1= Max C, Cap 2= Min C
				0.340	-3.13	5	Cap 1= Mid C, Cap 2= Max C
				0.339	-3.42	6	Cap 1= Mid C, Cap 2= Mid C
				0.272	-22.51	7	Cap 1= Mid C, Cap 2= Min C
				0.279	-20.51	8	Cap 1= Min C, Cap 2= Max C
				0.232	-33.90	9	Cap 1= Min C, Cap 2= Mid C
				0.187	-46.72	10	Cap 1= Min C, Cap 2= Min C

Device Model	RHK211LW (STV100-1)
Hardware Rev. #	Rev 4-01
Software Bundle #	AAC273
Date	8/26/2015

Single Point SAR Screening for Antenna Tuning States

Measured SAR Values - Head - GSM/EDGE/DTM 850 MHz							
Channel	Freq. (MHz)	Position	Slider Position	Max. SAR (W/kg)	% delta from Closed Loop	Scan #	Comments
190	836.6	Left Cheek	Closed	0.298	0.00	1	Closed Loop
				0.249	-16.44	2	Cap 1= Max C, Cap 2= Max C
				0.272	-8.72	3	Cap 1= Max C, Cap 2= Mid C
				0.267	-10.40	4	Cap 1= Max C, Cap 2= Min C
				0.286	-4.03	5	Cap 1= Mid C, Cap 2= Max C
				0.230	-22.82	6	Cap 1= Mid C, Cap 2= Mid C
				0.196	-34.23	7	Cap 1= Mid C, Cap 2= Min C
				0.199	-33.22	8	Cap 1= Min C, Cap 2= Max C
				0.135	-45.78	9	Cap 1= Min C, Cap 2= Mid C
				0.093	-68.83	10	Cap 1= Min C, Cap 2= Min C
190	836.6	Left Tilt	Closed	0.199	0.00	1	Closed Loop
				0.197	-1.01	2	Cap 1= Max C, Cap 2= Max C
				0.186	-6.53	3	Cap 1= Max C, Cap 2= Mid C
				0.084	-57.64	4	Cap 1= Max C, Cap 2= Min C
				0.100	-49.95	5	Cap 1= Mid C, Cap 2= Max C
				0.083	-58.44	6	Cap 1= Mid C, Cap 2= Mid C
				0.060	-69.70	7	Cap 1= Mid C, Cap 2= Min C
				0.061	-69.45	8	Cap 1= Min C, Cap 2= Max C
				0.042	-78.89	9	Cap 1= Min C, Cap 2= Mid C
				0.029	-85.23	10	Cap 1= Min C, Cap 2= Min C
190	836.6	Left Cheek	Open	0.269	0.00	1	Closed Loop
				0.257	-4.46	2	Cap 1= Max C, Cap 2= Max C
				0.266	-1.12	3	Cap 1= Max C, Cap 2= Mid C
				0.255	-5.20	4	Cap 1= Max C, Cap 2= Min C
				0.240	-10.78	5	Cap 1= Mid C, Cap 2= Max C
				0.199	-26.02	6	Cap 1= Mid C, Cap 2= Mid C
				0.160	-40.52	7	Cap 1= Mid C, Cap 2= Min C
				0.147	-45.35	8	Cap 1= Min C, Cap 2= Max C
				0.109	-59.48	9	Cap 1= Min C, Cap 2= Mid C
				0.079	-70.52	10	Cap 1= Min C, Cap 2= Min C
190	836.6	Left Tilt	Open	0.146	0.00	1	Closed Loop
				0.144	-1.37	2	Cap 1= Max C, Cap 2= Max C
				0.144	-1.37	3	Cap 1= Max C, Cap 2= Mid C
				0.133	-8.90	4	Cap 1= Max C, Cap 2= Min C
				0.124	-15.07	5	Cap 1= Mid C, Cap 2= Max C
				0.061	-58.01	6	Cap 1= Mid C, Cap 2= Mid C
				0.046	-68.49	7	Cap 1= Mid C, Cap 2= Min C
				0.049	-66.23	8	Cap 1= Min C, Cap 2= Max C
				0.036	-74.93	9	Cap 1= Min C, Cap 2= Mid C
				0.026	-82.05	10	Cap 1= Min C, Cap 2= Min C

Single Point SAR Screening for Antenna Tuning States

Measured SAR Values - Head - GSM/EDGE/DTM 850 MHz							
Channel	Freq. (MHz)	Position	Slider Position	Max. SAR (W/kg)	% delta from Closed Loop	Scan #	Comments
190	836.8	Right Cheek	Closed	0.479	0.00	1	Closed Loop
				0.423	-11.69	2	Cap 1= Max C, Cap 2= Max C
				0.455	-5.01	3	Cap 1= Max C, Cap 2= Mid C
				0.440	-8.14	4	Cap 1= Max C, Cap 2= Min C
				0.473	-1.25	5	Cap 1= Mid C, Cap 2= Max C
				0.389	-18.79	6	Cap 1= Mid C, Cap 2= Mid C
				0.291	-39.25	7	Cap 1= Mid C, Cap 2= Min C
				0.291	-39.25	8	Cap 1= Min C, Cap 2= Max C
				0.201	-58.04	9	Cap 1= Min C, Cap 2= Mid C
				0.135	-71.82	10	Cap 1= Min C, Cap 2= Min C
190	836.8	Right Tilt	Closed	0.280	0.00	1	Closed Loop
				0.229	-18.21	2	Cap 1= Max C, Cap 2= Max C
				0.230	-17.86	3	Cap 1= Max C, Cap 2= Mid C
				0.215	-23.21	4	Cap 1= Max C, Cap 2= Min C
				0.223	-20.36	5	Cap 1= Mid C, Cap 2= Max C
				0.184	-34.29	6	Cap 1= Mid C, Cap 2= Mid C
				0.139	-50.36	7	Cap 1= Mid C, Cap 2= Min C
				0.137	-51.07	8	Cap 1= Min C, Cap 2= Max C
				0.100	-64.39	9	Cap 1= Min C, Cap 2= Mid C
				0.069	-75.32	10	Cap 1= Min C, Cap 2= Min C
190	836.8	Right Cheek	Open	0.298	0.00	1	Closed Loop
				0.290	-2.68	2	Cap 1= Max C, Cap 2= Max C
				0.294	-1.34	3	Cap 1= Max C, Cap 2= Mid C
				0.282	-5.37	4	Cap 1= Max C, Cap 2= Min C
				0.265	-11.07	5	Cap 1= Mid C, Cap 2= Max C
				0.222	-25.50	6	Cap 1= Mid C, Cap 2= Mid C
				0.174	-41.61	7	Cap 1= Mid C, Cap 2= Min C
				0.162	-45.64	8	Cap 1= Min C, Cap 2= Max C
				0.121	-58.28	9	Cap 1= Min C, Cap 2= Mid C
				0.093	-68.86	10	Cap 1= Min C, Cap 2= Min C
190	836.8	Right Tilt	Open	0.164	0.00	1	Closed Loop
				0.092	-43.96	2	Cap 1= Max C, Cap 2= Max C
				0.092	-44.15	3	Cap 1= Max C, Cap 2= Mid C
				0.085	-48.23	4	Cap 1= Max C, Cap 2= Min C
				0.079	-51.71	5	Cap 1= Mid C, Cap 2= Max C
				0.062	-62.07	6	Cap 1= Mid C, Cap 2= Mid C
				0.047	-71.28	7	Cap 1= Mid C, Cap 2= Min C
				0.052	-68.60	8	Cap 1= Min C, Cap 2= Max C
				0.037	-77.38	9	Cap 1= Min C, Cap 2= Mid C
				0.027	-83.66	10	Cap 1= Min C, Cap 2= Min C

Single Point SAR Screening for Antenna Tuning States

Measured SAR Values - Body-Worn (15mm Spacing) - GSM/EDGE/DTM 850 MHz							
Channel	Freq. (MHz)	Position	Slider Position	Max. SAR (W/kg)	% delta from Closed Loop	Scan #	Comments
128	824.2	15mm Back	Closed	0.413	0.00	1	Closed Loop
				0.410	-0.73	2	Cap 1= Max C, Cap 2= Max C
				0.411	-0.48	3	Cap 1= Max C, Cap 2= Mid C
				0.375	-9.20	4	Cap 1= Max C, Cap 2= Min C
				0.324	-21.55	5	Cap 1= Mid C, Cap 2= Max C
				0.278	-32.69	6	Cap 1= Mid C, Cap 2= Mid C
				0.226	-45.28	7	Cap 1= Mid C, Cap 2= Min C
				0.206	-50.12	8	Cap 1= Min C, Cap 2= Max C
				0.163	-60.53	9	Cap 1= Min C, Cap 2= Mid C
				0.126	-69.49	10	Cap 1= Min C, Cap 2= Min C
190	836.6	15mm Front	Closed	0.506	0.00	1	Closed Loop
				0.445	-12.06	2	Cap 1= Max C, Cap 2= Max C
				0.470	-7.11	3	Cap 1= Max C, Cap 2= Mid C
				0.451	-10.87	4	Cap 1= Max C, Cap 2= Min C
				0.481	-4.94	5	Cap 1= Mid C, Cap 2= Max C
				0.412	-18.58	6	Cap 1= Mid C, Cap 2= Mid C
				0.314	-37.94	7	Cap 1= Mid C, Cap 2= Min C
				0.315	-37.75	8	Cap 1= Min C, Cap 2= Max C
				0.228	-54.94	9	Cap 1= Min C, Cap 2= Mid C
				0.161	-68.18	10	Cap 1= Min C, Cap 2= Min C

Device Model	RHK211LW (STV100-1)
Hardware Rev. #	Rev 4-01
Software Bundle #	AAC273
Date	8/18/2015

Single Point SAR Screening for Antenna Tuning States

Measured SAR Values - Hotspot (10mm Spacing) - GSM/EDGE/DTM 850 MHz							
Channel	Freq. (MHz)	Position	Slider Position	Max. SAR (W/kg)	% delta from Closed Loop	Scan #	Comments
190	836.8	10mm Back	Open	0.788	0.00	1	Closed Loop
				0.787	-0.13	2	Cap 1= Max C, Cap 2= Max C
				0.774	-1.78	3	Cap 1= Max C, Cap 2= Mid C
				0.714	-9.39	4	Cap 1= Max C, Cap 2= Min C
				0.631	-19.92	5	Cap 1= Mid C, Cap 2= Max C
				0.542	-31.22	6	Cap 1= Mid C, Cap 2= Mid C
				0.447	-43.27	7	Cap 1= Mid C, Cap 2= Min C
				0.400	-49.24	8	Cap 1= Min C, Cap 2= Max C
				0.321	-59.26	9	Cap 1= Min C, Cap 2= Mid C
				0.257	-67.39	10	Cap 1= Min C, Cap 2= Min C
190	836.8	10mm Front	Open	0.525	0.00	1	Closed Loop
				0.478	-8.95	2	Cap 1= Max C, Cap 2= Max C
				0.485	-7.62	3	Cap 1= Max C, Cap 2= Mid C
				0.451	-14.10	4	Cap 1= Max C, Cap 2= Min C
				0.480	-8.57	5	Cap 1= Mid C, Cap 2= Max C
				0.409	-22.10	6	Cap 1= Mid C, Cap 2= Mid C
				0.317	-39.62	7	Cap 1= Mid C, Cap 2= Min C
				0.306	-41.71	8	Cap 1= Min C, Cap 2= Max C
				0.226	-56.95	9	Cap 1= Min C, Cap 2= Mid C
				0.163	-68.95	10	Cap 1= Min C, Cap 2= Min C

Device Model	RHK211LW (STV100-1)
Hardware Rev. #	Rev 4-01
Software Bundle #	AAC273
Date	09/16/2015

Single Point SAR Screening for Antenna Tuning States

Measured SAR Values - Head - WCDMA/UMTS band V 850 MHz							
Channel	Freq. (MHz)	Position	Slider Position	Max. SAR (W/kg)	% delta from Closed Loop	Scan #	Comments
4182	836.4	Left Cheek	Closed	0.287	0.00	1	Closed Loop
				0.228	-20.56	2	Cap 1= Max C, Cap 2= Max C
				0.223	-22.30	3	Cap 1= Max C, Cap 2= Mid C
				0.205	-28.57	4	Cap 1= Max C, Cap 2= Min C
				0.272	-5.23	5	Cap 1= Mid C, Cap 2= Max C
				0.232	-19.16	6	Cap 1= Mid C, Cap 2= Mid C
				0.186	-35.19	7	Cap 1= Mid C, Cap 2= Min C
				0.219	-23.69	8	Cap 1= Min C, Cap 2= Max C
				0.151	-47.39	9	Cap 1= Min C, Cap 2= Mid C
				0.107	-62.72	10	Cap 1= Min C, Cap 2= Min C
4182	836.4	Left Tilt	Closed	0.172	0.00	1	Closed Loop
				0.172	0.00	2	Cap 1= Max C, Cap 2= Max C
				0.166	-3.49	3	Cap 1= Max C, Cap 2= Mid C
				0.160	-6.98	4	Cap 1= Max C, Cap 2= Min C
				0.115	-33.14	5	Cap 1= Mid C, Cap 2= Max C
				0.113	-34.30	6	Cap 1= Mid C, Cap 2= Mid C
				0.107	-37.79	7	Cap 1= Mid C, Cap 2= Min C
				0.067	-60.87	8	Cap 1= Min C, Cap 2= Max C
				0.065	-62.38	9	Cap 1= Min C, Cap 2= Mid C
				0.061	-64.48	10	Cap 1= Min C, Cap 2= Min C
4182	836.4	Left Cheek	Open	0.196	0.00	1	Closed Loop
				0.196	0.00	2	Cap 1= Max C, Cap 2= Max C
				0.194	-1.02	3	Cap 1= Max C, Cap 2= Mid C
				0.195	-0.51	4	Cap 1= Max C, Cap 2= Min C
				0.126	-35.71	5	Cap 1= Mid C, Cap 2= Max C
				0.127	-35.20	6	Cap 1= Mid C, Cap 2= Mid C
				0.127	-35.20	7	Cap 1= Mid C, Cap 2= Min C
				0.075	-61.99	8	Cap 1= Min C, Cap 2= Max C
				0.077	-60.87	9	Cap 1= Min C, Cap 2= Mid C
				0.075	-61.73	10	Cap 1= Min C, Cap 2= Min C
4182	836.4	Left Tilt	Open	0.117	0.00	1	Closed Loop
				0.116	-0.85	2	Cap 1= Max C, Cap 2= Max C
				0.109	-6.84	3	Cap 1= Max C, Cap 2= Mid C
				0.098	-16.32	4	Cap 1= Max C, Cap 2= Min C
				0.114	-2.56	5	Cap 1= Mid C, Cap 2= Max C
				0.098	-16.58	6	Cap 1= Mid C, Cap 2= Mid C
				0.081	-30.94	7	Cap 1= Mid C, Cap 2= Min C
				0.085	-27.26	8	Cap 1= Min C, Cap 2= Max C
				0.066	-43.93	9	Cap 1= Min C, Cap 2= Mid C
				0.051	-56.58	10	Cap 1= Min C, Cap 2= Min C

Single Point SAR Screening for Antenna Tuning States

Measured SAR Values - Head -WCDMA/UMTS band V 850 MHz							
Channel	Freq. (MHz)	Position	Slider Position	Max. SAR (W/kg)	% delta from Closed Loop	Scan #	Comments
4233	846.6	Right Cheek	Closed	0.356	0.00	1	Closed Loop
				0.249	-30.06	2	Cap 1= Max C, Cap 2= Max C
				0.247	-30.62	3	Cap 1= Max C, Cap 2= Mid C
				0.231	-35.11	4	Cap 1= Max C, Cap 2= Min C
				0.334	-6.18	5	Cap 1= Mid C, Cap 2= Max C
				0.293	-17.70	6	Cap 1= Mid C, Cap 2= Mid C
				0.236	-33.71	7	Cap 1= Mid C, Cap 2= Min C
				0.306	-14.04	8	Cap 1= Min C, Cap 2= Max C
				0.221	-37.92	9	Cap 1= Min C, Cap 2= Mid C
				0.153	-57.02	10	Cap 1= Min C, Cap 2= Min C
4182	836.4	Right Tilt	Closed	0.263	0.00	1	Closed Loop
				0.220	-16.35	2	Cap 1= Max C, Cap 2= Max C
				0.212	-19.39	3	Cap 1= Max C, Cap 2= Mid C
				0.195	-25.86	4	Cap 1= Max C, Cap 2= Min C
				0.245	-6.84	5	Cap 1= Mid C, Cap 2= Max C
				0.212	-19.39	6	Cap 1= Mid C, Cap 2= Mid C
				0.171	-34.98	7	Cap 1= Mid C, Cap 2= Min C
				0.191	-27.38	8	Cap 1= Min C, Cap 2= Max C
				0.136	-48.29	9	Cap 1= Min C, Cap 2= Mid C
				0.098	-62.74	10	Cap 1= Min C, Cap 2= Min C
4182	836.4	Right Cheek	Open	0.231	0.00	1	Closed Loop
				0.227	-1.73	2	Cap 1= Max C, Cap 2= Max C
				0.227	-1.73	3	Cap 1= Max C, Cap 2= Mid C
				0.228	-1.30	4	Cap 1= Max C, Cap 2= Min C
				0.150	-35.06	5	Cap 1= Mid C, Cap 2= Max C
				0.153	-33.77	6	Cap 1= Mid C, Cap 2= Mid C
				0.154	-33.33	7	Cap 1= Mid C, Cap 2= Min C
				0.088	-61.90	8	Cap 1= Min C, Cap 2= Max C
				0.090	-61.08	9	Cap 1= Min C, Cap 2= Mid C
				0.090	-60.91	10	Cap 1= Min C, Cap 2= Min C
4182	836.4	Right Tilt	Open	0.169	0.00	1	Closed Loop
				0.169	0.00	2	Cap 1= Max C, Cap 2= Max C
				0.104	-38.46	3	Cap 1= Max C, Cap 2= Mid C
				0.095	-43.91	4	Cap 1= Max C, Cap 2= Min C
				0.110	-34.91	5	Cap 1= Mid C, Cap 2= Max C
				0.095	-43.79	6	Cap 1= Mid C, Cap 2= Mid C
				0.078	-53.79	7	Cap 1= Mid C, Cap 2= Min C
				0.081	-52.19	8	Cap 1= Min C, Cap 2= Max C
				0.060	-64.32	9	Cap 1= Min C, Cap 2= Mid C
				0.045	-73.14	10	Cap 1= Min C, Cap 2= Min C

Single Point SAR Screening for Antenna Tuning States

Measured SAR Values - Body-Worn (15mm Spacing) -WCDMA/UMTS band V 850 MHz							
Channel	Freq. (MHz)	Position	Slider Position	Max. SAR (W/kg)	% delta from Closed Loop	Scan #	Comments
4132	826.4	15mm Back	Closed	0.390	0.00	1	Closed Loop
				0.363	-6.92	2	Cap 1= Max C, Cap 2= Max C
				0.350	-10.26	3	Cap 1= Max C, Cap 2= Mid C
				0.323	-17.18	4	Cap 1= Max C, Cap 2= Min C
				0.362	-7.18	5	Cap 1= Mid C, Cap 2= Max C
				0.310	-20.51	6	Cap 1= Mid C, Cap 2= Mid C
				0.263	-32.56	7	Cap 1= Mid C, Cap 2= Min C
				0.276	-29.23	8	Cap 1= Min C, Cap 2= Max C
				0.227	-41.79	9	Cap 1= Min C, Cap 2= Mid C
				0.185	-52.56	10	Cap 1= Min C, Cap 2= Min C
4132	826.4	15mm Front	Closed	0.458	0.00	1	Closed Loop
				0.407	-11.14	2	Cap 1= Max C, Cap 2= Max C
				0.393	-14.19	3	Cap 1= Max C, Cap 2= Mid C
				0.363	-20.74	4	Cap 1= Max C, Cap 2= Min C
				0.403	-12.01	5	Cap 1= Mid C, Cap 2= Max C
				0.403	-12.01	6	Cap 1= Mid C, Cap 2= Mid C
				0.309	-32.53	7	Cap 1= Mid C, Cap 2= Min C
				0.321	-29.91	8	Cap 1= Min C, Cap 2= Max C
				0.268	-41.48	9	Cap 1= Min C, Cap 2= Mid C
				0.216	-52.84	10	Cap 1= Min C, Cap 2= Min C

Device Model	RHK211LW (STV100-1)
Hardware Rev. #	Rev 4-01
Software Bundle #	AAC273
Date	8/13-14/2015

Single Point SAR Screening for Antenna Tuning States

BlackBerry Model: RHL211LW

Measured SAR Values - Head - LTE Band 12 700 MHz (BW 10 MHz)							
Channel	Freq. (MHz)	Position	Slider Position	Max. SAR (W/kg)	% delta from Closed Loop	Scan #	Comments
23130	711.0	Left Cheek	Closed	0.187	0.00	1	Closed Loop
				0.042	-77.81	2	Cap 1= Max C, Cap 2= Max C
				0.060	-67.81	3	Cap 1= Max C, Cap 2= Mid C
				0.089	-52.67	4	Cap 1= Max C, Cap 2= Min C
				0.040	-78.61	5	Cap 1= Mid C, Cap 2= Max C
				0.068	-63.58	6	Cap 1= Mid C, Cap 2= Mid C
				0.124	-33.69	7	Cap 1 = Mid C, Cap 2= Min C
				0.038	-79.57	8	Cap 1= Min C, Cap 2= Max C
				0.077	-58.77	9	Cap 1= Min C, Cap 2= Mid C
				0.171	-8.56	10	Cap 1= Min C, Cap 2= Min C
23130	711.0	Left Tilt	Closed	0.127	0.00	1	Closed Loop
				0.027	-78.98	2	Cap 1= Max C, Cap 2= Max C
				0.039	-69.21	3	Cap 1= Max C, Cap 2= Mid C
				0.058	-54.72	4	Cap 1= Max C, Cap 2= Min C
				0.026	-79.76	5	Cap 1= Mid C, Cap 2= Max C
				0.045	-64.49	6	Cap 1= Mid C, Cap 2= Mid C
				0.080	-37.32	7	Cap 1 = Mid C, Cap 2= Min C
				0.024	-81.02	8	Cap 1= Min C, Cap 2= Max C
				0.050	-60.63	9	Cap 1= Min C, Cap 2= Mid C
				0.111	-12.60	10	Cap 1= Min C, Cap 2= Min C
23130	711.0	Left Cheek	Open	0.128	0.00	1	Closed Loop
				0.026	-79.92	2	Cap 1= Max C, Cap 2= Max C
				0.038	-70.08	3	Cap 1= Max C, Cap 2= Mid C
				0.057	-55.16	4	Cap 1= Max C, Cap 2= Min C
				0.026	-80.08	5	Cap 1= Mid C, Cap 2= Max C
				0.044	-65.47	6	Cap 1= Mid C, Cap 2= Mid C
				0.080	-37.58	7	Cap 1 = Mid C, Cap 2= Min C
				0.025	-80.63	8	Cap 1= Min C, Cap 2= Max C
				0.052	-59.53	9	Cap 1= Min C, Cap 2= Mid C
				0.111	-13.28	10	Cap 1= Min C, Cap 2= Min C
23130	711.0	Left Tilt	Open	0.062	0.00	1	Closed Loop
				0.012	-79.87	2	Cap 1= Max C, Cap 2= Max C
				0.018	-70.13	3	Cap 1= Max C, Cap 2= Mid C
				0.027	-56.66	4	Cap 1= Max C, Cap 2= Min C
				0.012	-80.68	5	Cap 1= Mid C, Cap 2= Max C
				0.021	-65.26	6	Cap 1= Mid C, Cap 2= Mid C
				0.039	-37.18	7	Cap 1 = Mid C, Cap 2= Min C
				0.012	-81.01	8	Cap 1= Min C, Cap 2= Max C
				0.025	-59.90	9	Cap 1= Min C, Cap 2= Mid C
				0.056	-8.77	10	Cap 1= Min C, Cap 2= Min C

Single Point SAR Screening for Antenna Tuning States

Measured SAR Values - Head - LTE Band 12 700 MHz (BW 10 MHz)							
Channel	Freq. (MHz)	Position	Slider Position	Max. SAR (W/kg)	% delta from Closed Loop	Scan #	Comments
23095	707.5	Right Cheek	Closed	0.233	0.00	1	Closed Loop
				0.050	-78.50	2	Cap 1= Max C, Cap 2= Max C
				0.075	-67.94	3	Cap 1= Max C, Cap 2= Mid C
				0.113	-51.50	4	Cap 1= Max C, Cap 2= Min C
				0.049	-78.84	5	Cap 1= Mid C, Cap 2= Max C
				0.086	-63.22	6	Cap 1= Mid C, Cap 2= Mid C
				0.159	-31.76	7	Cap 1= Mid C, Cap 2= Min C
				0.047	-79.70	8	Cap 1= Min C, Cap 2= Max C
				0.098	-58.07	9	Cap 1= Min C, Cap 2= Mid C
				0.210	-9.87	10	Cap 1= Min C, Cap 2= Min C
23130	711.0	Right Tilt	Closed	0.148	0.00	1	Closed Loop
				0.032	-78.72	2	Cap 1= Max C, Cap 2= Max C
				0.046	-68.92	3	Cap 1= Max C, Cap 2= Mid C
				0.068	-54.12	4	Cap 1= Max C, Cap 2= Min C
				0.030	-79.46	5	Cap 1= Mid C, Cap 2= Max C
				0.052	-64.93	6	Cap 1= Mid C, Cap 2= Mid C
				0.094	-36.28	7	Cap 1= Mid C, Cap 2= Min C
				0.029	-80.54	8	Cap 1= Min C, Cap 2= Max C
				0.060	-59.73	9	Cap 1= Min C, Cap 2= Mid C
				0.126	-14.86	10	Cap 1= Min C, Cap 2= Min C
23130	711.0	Right Cheek	Open	0.127	0.00	1	Closed Loop
				0.026	-79.84	2	Cap 1= Max C, Cap 2= Max C
				0.039	-69.61	3	Cap 1= Max C, Cap 2= Mid C
				0.057	-55.28	4	Cap 1= Max C, Cap 2= Min C
				0.026	-79.69	5	Cap 1= Mid C, Cap 2= Max C
				0.046	-64.09	6	Cap 1= Mid C, Cap 2= Mid C
				0.081	-36.22	7	Cap 1= Mid C, Cap 2= Min C
				0.025	-80.71	8	Cap 1= Min C, Cap 2= Max C
				0.053	-58.43	9	Cap 1= Min C, Cap 2= Mid C
				0.115	-9.45	10	Cap 1= Min C, Cap 2= Min C
23130	711.0	Right Tilt	Open	0.068	0.00	1	Closed Loop
				0.015	-77.92	2	Cap 1= Max C, Cap 2= Max C
				0.022	-67.40	3	Cap 1= Max C, Cap 2= Mid C
				0.034	-51.02	4	Cap 1= Max C, Cap 2= Min C
				0.015	-78.65	5	Cap 1= Mid C, Cap 2= Max C
				0.027	-61.26	6	Cap 1= Mid C, Cap 2= Mid C
				0.049	-29.09	7	Cap 1= Mid C, Cap 2= Min C
				0.014	-78.95	8	Cap 1= Min C, Cap 2= Max C
				0.031	-54.53	9	Cap 1= Min C, Cap 2= Mid C
				0.068	-0.29	10	Cap 1= Min C, Cap 2= Min C

Single Point SAR Screening for Antenna Tuning States

Measured SAR Values - Body-Worn (15mm Spacing) - LTE Band 12 700 MHz (BW 10 MHz)							
Channel	Freq. (MHz)	Position	Slider Position	Max. SAR (W/kg)	% delta from Closed Loop	Scan #	Comments
23130	711.0	15mm Back	Closed	0.315	0.00	1	Closed Loop
				0.071	-77.56	2	Cap 1= Max C, Cap 2= Max C
				0.103	-67.30	3	Cap 1= Max C, Cap 2= Mid C
				0.147	-53.33	4	Cap 1= Max C, Cap 2= Min C
				0.068	-78.35	5	Cap 1= Mid C, Cap 2= Max C
				0.113	-64.13	6	Cap 1= Mid C, Cap 2= Mid C
				0.192	-39.05	7	Cap 1= Mid C, Cap 2= Min C
				0.066	-79.17	8	Cap 1= Min C, Cap 2= Max C
				0.123	-60.95	9	Cap 1= Min C, Cap 2= Mid C
				0.252	-20.00	10	Cap 1= Min C, Cap 2= Min C
23130	711.0	15mm Front	Closed	0.265	0.00	1	Closed Loop
				0.058	-78.11	2	Cap 1= Max C, Cap 2= Max C
				0.084	-68.38	3	Cap 1= Max C, Cap 2= Mid C
				0.123	-53.58	4	Cap 1= Max C, Cap 2= Min C
				0.056	-78.98	5	Cap 1= Mid C, Cap 2= Max C
				0.092	-65.28	6	Cap 1= Mid C, Cap 2= Mid C
				0.160	-39.62	7	Cap 1= Mid C, Cap 2= Min C
				0.054	-79.55	8	Cap 1= Min C, Cap 2= Max C
				0.102	-61.51	9	Cap 1= Min C, Cap 2= Mid C
				0.208	-21.51	10	Cap 1= Min C, Cap 2= Min C

Device Model	RHL211LW (STV100-3)
Hardware Rev. #	Rev 4-01
Software Bundle #	AAC273
Date	8/27/2015

Single Point SAR Screening for Antenna Tuning States

Measured SAR Values - Head - LTE Band 17 700 MHz (BW 10 MHz)							
Channel	Freq. (MHz)	Position	Slider Position	Max. SAR (W/kg)	% delta from Closed Loop	Scan #	Comments
23790	710.0	Left Cheek	Closed	0.204	0.00	1	Closed Loop
				0.045	-78.04	2	Cap 1= Max C, Cap 2= Max C
				0.066	-67.45	3	Cap 1= Max C, Cap 2= Mid C
				0.095	-53.33	4	Cap 1= Max C, Cap 2= Min C
				0.044	-78.63	5	Cap 1= Mid C, Cap 2= Max C
				0.074	-63.97	6	Cap 1= Mid C, Cap 2= Mid C
				0.129	-36.76	7	Cap 1= Mid C, Cap 2= Min C
				0.043	-79.07	8	Cap 1= Min C, Cap 2= Max C
				0.084	-59.07	9	Cap 1= Min C, Cap 2= Mid C
				0.174	-14.71	10	Cap 1= Min C, Cap 2= Min C
23790	710.0	Left Tilt	Closed	0.135	0.00	1	Closed Loop
				0.031	-77.41	2	Cap 1= Max C, Cap 2= Max C
				0.043	-67.93	3	Cap 1= Max C, Cap 2= Mid C
				0.065	-51.93	4	Cap 1= Max C, Cap 2= Min C
				0.030	-77.78	5	Cap 1= Mid C, Cap 2= Max C
				0.052	-61.70	6	Cap 1= Mid C, Cap 2= Mid C
				0.088	-35.11	7	Cap 1= Mid C, Cap 2= Min C
				0.029	-78.74	8	Cap 1= Min C, Cap 2= Max C
				0.057	-57.70	9	Cap 1= Min C, Cap 2= Mid C
				0.122	-9.63	10	Cap 1= Min C, Cap 2= Min C
23790	710.0	Left Cheek	Open	0.134	0.00	1	Closed Loop
				0.029	-78.51	2	Cap 1= Max C, Cap 2= Max C
				0.043	-67.69	3	Cap 1= Max C, Cap 2= Mid C
				0.063	-53.36	4	Cap 1= Max C, Cap 2= Min C
				0.029	-78.73	5	Cap 1= Mid C, Cap 2= Max C
				0.050	-62.84	6	Cap 1= Mid C, Cap 2= Mid C
				0.087	-34.78	7	Cap 1= Mid C, Cap 2= Min C
				0.029	-78.43	8	Cap 1= Min C, Cap 2= Max C
				0.059	-55.82	9	Cap 1= Min C, Cap 2= Mid C
				0.124	-7.46	10	Cap 1= Min C, Cap 2= Min C
23790	710.0	Left Tilt	Open	0.071	0.00	1	Closed Loop
				0.020	-72.06	2	Cap 1= Max C, Cap 2= Max C
				0.022	-69.08	3	Cap 1= Max C, Cap 2= Mid C
				0.032	-54.33	4	Cap 1= Max C, Cap 2= Min C
				0.015	-78.72	5	Cap 1= Mid C, Cap 2= Max C
				0.026	-62.55	6	Cap 1= Mid C, Cap 2= Mid C
				0.046	-34.75	7	Cap 1= Mid C, Cap 2= Min C
				0.015	-79.01	8	Cap 1= Min C, Cap 2= Max C
				0.031	-56.45	9	Cap 1= Min C, Cap 2= Mid C
				0.066	-6.67	10	Cap 1= Min C, Cap 2= Min C

Single Point SAR Screening for Antenna Tuning States

Measured SAR Values - Head - LTE Band 17 700 MHz (BW 10 MHz)							
Channel	Freq. (MHz)	Position	Slider Position	Max. SAR (W/kg)	% delta from Closed Loop	Scan #	Comments
23780	709.0	Right Cheek	Closed	0.220	0.00	1	Closed Loop
				0.048	-78.32	2	Cap 1= Max C, Cap 2= Max C
				0.070	-68.32	3	Cap 1= Max C, Cap 2= Mid C
				0.104	-52.73	4	Cap 1= Max C, Cap 2= Min C
				0.045	-79.64	5	Cap 1= Mid C, Cap 2= Max C
				0.080	-63.45	6	Cap 1= Mid C, Cap 2= Mid C
				0.139	-36.82	7	Cap 1= Mid C, Cap 2= Min C
				0.044	-80.09	8	Cap 1= Min C, Cap 2= Max C
				0.090	-59.32	9	Cap 1= Min C, Cap 2= Mid C
				0.189	-14.09	10	Cap 1= Min C, Cap 2= Min C
23790	710.0	Right Tilt	Closed	0.146	0.00	1	Closed Loop
				0.032	-77.88	2	Cap 1= Max C, Cap 2= Max C
				0.047	-67.60	3	Cap 1= Max C, Cap 2= Mid C
				0.069	-52.53	4	Cap 1= Max C, Cap 2= Min C
				0.032	-78.22	5	Cap 1= Mid C, Cap 2= Max C
				0.052	-64.18	6	Cap 1= Mid C, Cap 2= Mid C
				0.093	-36.44	7	Cap 1= Mid C, Cap 2= Min C
				0.031	-78.97	8	Cap 1= Min C, Cap 2= Max C
				0.061	-58.29	9	Cap 1= Min C, Cap 2= Mid C
				0.126	-13.70	10	Cap 1= Min C, Cap 2= Min C
23790	710.0	Right Cheek	Open	0.134	0.00	1	Closed Loop
				0.028	-79.33	2	Cap 1= Max C, Cap 2= Max C
				0.044	-67.54	3	Cap 1= Max C, Cap 2= Mid C
				0.061	-54.40	4	Cap 1= Max C, Cap 2= Min C
				0.028	-79.33	5	Cap 1= Mid C, Cap 2= Max C
				0.049	-63.13	6	Cap 1= Mid C, Cap 2= Mid C
				0.088	-34.70	7	Cap 1= Mid C, Cap 2= Min C
				0.028	-79.18	8	Cap 1= Min C, Cap 2= Max C
				0.056	-57.99	9	Cap 1= Min C, Cap 2= Mid C
				0.124	-7.46	10	Cap 1= Min C, Cap 2= Min C
23790	710.0	Right Tilt	Open	0.078	0.00	1	Closed Loop
				0.015	-80.13	2	Cap 1= Max C, Cap 2= Max C
				0.022	-71.23	3	Cap 1= Max C, Cap 2= Mid C
				0.034	-56.77	4	Cap 1= Max C, Cap 2= Min C
				0.015	-80.39	5	Cap 1= Mid C, Cap 2= Max C
				0.026	-66.71	6	Cap 1= Mid C, Cap 2= Mid C
				0.047	-39.23	7	Cap 1= Mid C, Cap 2= Min C
				0.015	-80.65	8	Cap 1= Min C, Cap 2= Max C
				0.032	-59.10	9	Cap 1= Min C, Cap 2= Mid C
				0.067	-13.94	10	Cap 1= Min C, Cap 2= Min C

Single Point SAR Screening for Antenna Tuning States

Measured SAR Values - Body-Worn (15mm Spacing) - LTE Band 17 700 MHz (BW 10 MHz)							
Channel	Freq. (MHz)	Position	Slider Position	Max. SAR (W/kg)	% delta from Closed Loop	Scan #	Comments
23780	709.0	15mm Back	Closed	0.294	0.00	1	Closed Loop
				0.071	-75.82	2	Cap 1= Max C, Cap 2= Max C
				0.105	-64.29	3	Cap 1= Max C, Cap 2= Mid C
				0.147	-50.00	4	Cap 1= Max C, Cap 2= Min C
				0.070	-76.16	5	Cap 1= Mid C, Cap 2= Max C
				0.116	-60.54	6	Cap 1= Mid C, Cap 2= Mid C
				0.194	-34.01	7	Cap 1 = Mid C, Cap 2= Min C
				0.069	-76.63	8	Cap 1= Min C, Cap 2= Max C
				0.129	-56.12	9	Cap 1= Min C, Cap 2= Mid C
				0.252	-14.29	10	Cap 1= Min C, Cap 2= Min C
23790	710.0	15mm Front	Closed	0.245	0.00	1	Closed Loop
				0.056	-76.98	2	Cap 1= Max C, Cap 2= Max C
				0.082	-66.73	3	Cap 1= Max C, Cap 2= Mid C
				0.122	-50.20	4	Cap 1= Max C, Cap 2= Min C
				0.055	-77.47	5	Cap 1= Mid C, Cap 2= Max C
				0.091	-62.78	6	Cap 1= Mid C, Cap 2= Mid C
				0.156	-36.33	7	Cap 1 = Mid C, Cap 2= Min C
				0.053	-78.33	8	Cap 1= Min C, Cap 2= Max C
				0.102	-58.37	9	Cap 1= Min C, Cap 2= Mid C
				0.204	-16.73	10	Cap 1= Min C, Cap 2= Min C

Device Model	RHL211LW (STV100-3)
Hardware Rev. #	Rev 4-01
Software Bundle #	AAC273
Date	8/25-27/2015

Single Point SAR Screening for Antenna Tuning States

Measured SAR Values - Head - LTE Band 28 700 MHz (BW 20 MHz)							
Channel	Freq. (MHz)	Position	Slider Position	Max. SAR (W/kg)	% delta from Closed Loop	Scan #	Comments
27560	738.0	Left Cheek	Closed	0.181	0.00	1	Closed Loop
				0.050	-72.54	2	Cap 1= Max C, Cap 2= Max C
				0.069	-61.93	3	Cap 1= Max C, Cap 2= Mid C
				0.097	-46.24	4	Cap 1= Max C, Cap 2= Min C
				0.043	-76.24	5	Cap 1= Mid C, Cap 2= Max C
				0.068	-62.38	6	Cap 1= Mid C, Cap 2= Mid C
				0.109	-39.78	7	Cap 1 = Mid C, Cap 2= Min C
				0.037	-79.67	8	Cap 1= Min C, Cap 2= Max C
				0.065	-64.25	9	Cap 1= Min C, Cap 2= Mid C
				0.122	-32.60	10	Cap 1= Min C, Cap 2= Min C
27560	738.0	Left Tilt	Closed	0.103	0.00	1	Closed Loop
				0.032	-69.22	2	Cap 1= Max C, Cap 2= Max C
				0.045	-56.41	3	Cap 1= Max C, Cap 2= Mid C
				0.062	-39.71	4	Cap 1= Max C, Cap 2= Min C
				0.027	-73.40	5	Cap 1= Mid C, Cap 2= Max C
				0.043	-58.35	6	Cap 1= Mid C, Cap 2= Mid C
				0.073	-29.42	7	Cap 1 = Mid C, Cap 2= Min C
				0.024	-77.09	8	Cap 1= Min C, Cap 2= Max C
				0.042	-59.42	9	Cap 1= Min C, Cap 2= Mid C
				0.080	-22.62	10	Cap 1= Min C, Cap 2= Min C
27560	738.0	Left Cheek	Open	0.124	0.00	1	Closed Loop
				0.036	-71.29	2	Cap 1= Max C, Cap 2= Max C
				0.050	-59.68	3	Cap 1= Max C, Cap 2= Mid C
				0.071	-42.58	4	Cap 1= Max C, Cap 2= Min C
				0.033	-73.71	5	Cap 1= Mid C, Cap 2= Max C
				0.051	-58.55	6	Cap 1= Mid C, Cap 2= Mid C
				0.087	-29.68	7	Cap 1 = Mid C, Cap 2= Min C
				0.028	-77.26	8	Cap 1= Min C, Cap 2= Max C
				0.049	-60.56	9	Cap 1= Min C, Cap 2= Mid C
				0.100	-19.76	10	Cap 1= Min C, Cap 2= Min C
27560	738.0	Left Tilt	Open	0.066	0.00	1	Closed Loop
				0.020	-69.23	2	Cap 1= Max C, Cap 2= Max C
				0.029	-56.11	3	Cap 1= Max C, Cap 2= Mid C
				0.040	-39.06	4	Cap 1= Max C, Cap 2= Min C
				0.018	-73.00	5	Cap 1= Mid C, Cap 2= Max C
				0.029	-56.56	6	Cap 1= Mid C, Cap 2= Mid C
				0.049	-26.09	7	Cap 1 = Mid C, Cap 2= Min C
				0.016	-76.47	8	Cap 1= Min C, Cap 2= Max C
				0.028	-58.22	9	Cap 1= Min C, Cap 2= Mid C
				0.060	-9.95	10	Cap 1= Min C, Cap 2= Min C

Single Point SAR Screening for Antenna Tuning States

Measured SAR Values - Head - LTE Band 28 700 MHz (BW 20 MHz)							
Channel	Freq. (MHz)	Position	Slider Position	Max. SAR (W/kg)	% delta from Closed Loop	Scan #	Comments
27310	713.0	Right Cheek	Closed	0.250	0.00	1	Closed Loop
				0.049	-80.24	2	Cap 1= Max C, Cap 2= Max C
				0.072	-71.08	3	Cap 1= Max C, Cap 2= Mid C
				0.104	-58.40	4	Cap 1= Max C, Cap 2= Min C
				0.046	-81.44	5	Cap 1= Mid C, Cap 2= Max C
				0.080	-67.92	6	Cap 1= Mid C, Cap 2= Mid C
				0.138	-44.80	7	Cap 1 = Mid C, Cap 2= Min C
				0.044	-82.44	8	Cap 1= Min C, Cap 2= Max C
				0.085	-65.84	9	Cap 1= Min C, Cap 2= Mid C
				0.185	-26.00	10	Cap 1= Min C, Cap 2= Min C
27560	738.0	Right Tilt	Closed	0.153	0.00	1	Closed Loop
				0.048	-68.82	2	Cap 1= Max C, Cap 2= Max C
				0.067	-56.27	3	Cap 1= Max C, Cap 2= Mid C
				0.093	-39.54	4	Cap 1= Max C, Cap 2= Min C
				0.041	-73.14	5	Cap 1= Mid C, Cap 2= Max C
				0.065	-57.78	6	Cap 1= Mid C, Cap 2= Mid C
				0.104	-32.03	7	Cap 1 = Mid C, Cap 2= Min C
				0.035	-77.39	8	Cap 1= Min C, Cap 2= Max C
				0.061	-60.00	9	Cap 1= Min C, Cap 2= Mid C
				0.117	-23.53	10	Cap 1= Min C, Cap 2= Min C
27560	738.0	Right Cheek	Open	0.148	0.00	1	Closed Loop
				0.031	-79.39	2	Cap 1= Max C, Cap 2= Max C
				0.043	-71.01	3	Cap 1= Max C, Cap 2= Mid C
				0.065	-56.35	4	Cap 1= Max C, Cap 2= Min C
				0.028	-81.28	5	Cap 1= Mid C, Cap 2= Max C
				0.045	-69.39	6	Cap 1= Mid C, Cap 2= Mid C
				0.082	-44.80	7	Cap 1 = Mid C, Cap 2= Min C
				0.025	-83.04	8	Cap 1= Min C, Cap 2= Max C
				0.045	-69.73	9	Cap 1= Min C, Cap 2= Mid C
				0.103	-30.41	10	Cap 1= Min C, Cap 2= Min C
27560	738.0	Right Tilt	Open	0.078	0.00	1	Closed Loop
				0.017	-78.70	2	Cap 1= Max C, Cap 2= Max C
				0.025	-68.37	3	Cap 1= Max C, Cap 2= Mid C
				0.037	-53.06	4	Cap 1= Max C, Cap 2= Min C
				0.016	-80.10	5	Cap 1= Mid C, Cap 2= Max C
				0.026	-66.45	6	Cap 1= Mid C, Cap 2= Mid C
				0.047	-40.18	7	Cap 1 = Mid C, Cap 2= Min C
				0.014	-82.27	8	Cap 1= Min C, Cap 2= Max C
				0.027	-66.20	9	Cap 1= Min C, Cap 2= Mid C
				0.059	-24.23	10	Cap 1= Min C, Cap 2= Min C

Single Point SAR Screening for Antenna Tuning States

Measured SAR Values - Body-Worn (15mm Spacing) - LTE Band 28 700 MHz (BW 20 MHz)							
Channel	Freq. (MHz)	Position	Slider Position	Max. SAR (W/kg)	% delta from Closed Loop	Scan #	Comments
27435	725.5	15mm Back	Closed	0.302	0.00	1	Closed Loop
				0.053	-82.62	2	Cap 1= Max C, Cap 2= Max C
				0.082	-72.88	3	Cap 1= Max C, Cap 2= Mid C
				0.126	-58.28	4	Cap 1= Max C, Cap 2= Min C
				0.049	-83.94	5	Cap 1= Mid C, Cap 2= Max C
				0.086	-71.69	6	Cap 1= Mid C, Cap 2= Mid C
				0.156	-48.34	7	Cap 1 = Mid C, Cap 2= Min C
				0.044	-85.36	8	Cap 1= Min C, Cap 2= Max C
				0.089	-70.53	9	Cap 1= Min C, Cap 2= Mid C
				0.196	-35.10	10	Cap 1= Min C, Cap 2= Min C
27560	738.0	15mm Front	Closed	0.266	0.00	1	Closed Loop
				0.075	-71.84	2	Cap 1= Max C, Cap 2= Max C
				0.103	-61.28	3	Cap 1= Max C, Cap 2= Mid C
				0.140	-47.37	4	Cap 1= Max C, Cap 2= Min C
				0.064	-75.98	5	Cap 1= Mid C, Cap 2= Max C
				0.095	-64.17	6	Cap 1= Mid C, Cap 2= Mid C
				0.152	-42.86	7	Cap 1 = Mid C, Cap 2= Min C
				0.054	-79.70	8	Cap 1= Min C, Cap 2= Max C
				0.089	-66.65	9	Cap 1= Min C, Cap 2= Mid C
				0.162	-39.10	10	Cap 1= Min C, Cap 2= Min C

Device Model	RHL211LW (STV100-3)
Hardware Rev. #	Rev 4-01
Software Bundle #	AAC273
Date	8/29/2015

Single Point SAR Screening for Antenna Tuning States

Measured SAR Values - Head - GSM/EDGE/DTM 850 MHz							
Channel	Freq. (MHz)	Position	Slider Position	Max. SAR (W/kg)	% delta from Closed Loop	Scan #	Comments
190	836.6	Left Cheek	Closed	0.273	0.00	1	Closed Loop
				0.271	-0.73	2	Cap 1= Max C, Cap 2= Max C
				0.269	-1.47	3	Cap 1= Max C, Cap 2= Mid C
				0.261	-4.40	4	Cap 1= Max C, Cap 2= Min C
				0.166	-39.19	5	Cap 1= Mid C, Cap 2= Max C
				0.161	-41.03	6	Cap 1= Mid C, Cap 2= Mid C
				0.148	-45.79	7	Cap 1= Mid C, Cap 2= Min C
				0.084	-69.41	8	Cap 1= Min C, Cap 2= Max C
				0.075	-72.53	9	Cap 1= Min C, Cap 2= Mid C
				0.072	-73.77	10	Cap 1= Min C, Cap 2= Min C
190	836.6	Left Tilt	Closed	0.207	0.00	1	Closed Loop
				0.202	-2.42	2	Cap 1= Max C, Cap 2= Max C
				0.203	-1.93	3	Cap 1= Max C, Cap 2= Mid C
				0.198	-4.35	4	Cap 1= Max C, Cap 2= Min C
				0.091	-56.28	5	Cap 1= Mid C, Cap 2= Max C
				0.088	-57.49	6	Cap 1= Mid C, Cap 2= Mid C
				0.085	-58.94	7	Cap 1= Mid C, Cap 2= Min C
				0.045	-78.07	8	Cap 1= Min C, Cap 2= Max C
				0.044	-78.79	9	Cap 1= Min C, Cap 2= Mid C
				0.000	-99.97	10	Cap 1= Min C, Cap 2= Min C
190	836.6	Left Cheek	Open	0.213	0.00	1	Closed Loop
				0.212	-0.47	2	Cap 1= Max C, Cap 2= Max C
				0.206	-3.29	3	Cap 1= Max C, Cap 2= Mid C
				0.209	-1.88	4	Cap 1= Max C, Cap 2= Min C
				0.098	-54.23	5	Cap 1= Mid C, Cap 2= Max C
				0.100	-53.19	6	Cap 1= Mid C, Cap 2= Mid C
				0.104	-51.17	7	Cap 1= Mid C, Cap 2= Min C
				0.050	-76.71	8	Cap 1= Min C, Cap 2= Max C
				0.050	-76.34	9	Cap 1= Min C, Cap 2= Mid C
				0.059	-72.16	10	Cap 1= Min C, Cap 2= Min C
190	836.6	Left Tilt	Open	0.122	0.00	1	Closed Loop
				0.115	-5.74	2	Cap 1= Max C, Cap 2= Max C
				0.120	-1.64	3	Cap 1= Max C, Cap 2= Mid C
				0.122	0.00	4	Cap 1= Max C, Cap 2= Min C
				0.057	-53.61	5	Cap 1= Mid C, Cap 2= Max C
				0.058	-52.62	6	Cap 1= Mid C, Cap 2= Mid C
				0.067	-45.00	7	Cap 1= Mid C, Cap 2= Min C
				0.033	-72.79	8	Cap 1= Min C, Cap 2= Max C
				0.034	-72.38	9	Cap 1= Min C, Cap 2= Mid C
				0.018	-85.41	10	Cap 1= Min C, Cap 2= Min C

Single Point SAR Screening for Antenna Tuning States

Measured SAR Values - Head - GSM/EDGE/DTM 850 MHz							
Channel	Freq. (MHz)	Position	Slider Position	Max. SAR (W/kg)	% delta from Closed Loop	Scan #	Comments
251	848.8	Right Cheek	Closed	0.410	0.00	1	Closed Loop
				0.407	-0.73	2	Cap 1= Max C, Cap 2= Max C
				0.393	-4.15	3	Cap 1= Max C, Cap 2= Mid C
				0.368	-10.24	4	Cap 1= Max C, Cap 2= Min C
				0.261	-36.34	5	Cap 1= Mid C, Cap 2= Max C
				0.235	-42.68	6	Cap 1= Mid C, Cap 2= Mid C
				0.208	-49.27	7	Cap 1= Mid C, Cap 2= Min C
				0.130	-68.29	8	Cap 1= Min C, Cap 2= Max C
				0.132	-67.80	9	Cap 1= Min C, Cap 2= Mid C
				0.133	-67.56	10	Cap 1= Min C, Cap 2= Min C
190	836.8	Right Tilt	Closed	0.197	0.00	1	Closed Loop
				0.195	-1.02	2	Cap 1= Max C, Cap 2= Max C
				0.196	-0.51	3	Cap 1= Max C, Cap 2= Mid C
				0.195	-1.02	4	Cap 1= Max C, Cap 2= Min C
				0.098	-50.25	5	Cap 1= Mid C, Cap 2= Max C
				0.098	-50.10	6	Cap 1= Mid C, Cap 2= Mid C
				0.097	-50.81	7	Cap 1= Mid C, Cap 2= Min C
				0.051	-74.01	8	Cap 1= Min C, Cap 2= Max C
				0.051	-74.31	9	Cap 1= Min C, Cap 2= Mid C
				0.048	-75.48	10	Cap 1= Min C, Cap 2= Min C
190	836.8	Right Cheek	Open	0.230	0.00	1	Closed Loop
				0.209	-9.13	2	Cap 1= Max C, Cap 2= Max C
				0.220	-4.35	3	Cap 1= Max C, Cap 2= Mid C
				0.229	-0.43	4	Cap 1= Max C, Cap 2= Min C
				0.113	-50.87	5	Cap 1= Mid C, Cap 2= Max C
				0.116	-49.57	6	Cap 1= Mid C, Cap 2= Mid C
				0.121	-47.39	7	Cap 1= Mid C, Cap 2= Min C
				0.120	-47.83	8	Cap 1= Min C, Cap 2= Max C
				0.063	-72.43	9	Cap 1= Min C, Cap 2= Mid C
				0.065	-71.91	10	Cap 1= Min C, Cap 2= Min C
190	836.8	Right Tilt	Open	0.132	0.00	1	Closed Loop
				0.122	-7.58	2	Cap 1= Max C, Cap 2= Max C
				0.129	-2.27	3	Cap 1= Max C, Cap 2= Mid C
				0.129	-2.27	4	Cap 1= Max C, Cap 2= Min C
				0.062	-53.03	5	Cap 1= Mid C, Cap 2= Max C
				0.063	-51.97	6	Cap 1= Mid C, Cap 2= Mid C
				0.066	-50.38	7	Cap 1= Mid C, Cap 2= Min C
				0.033	-75.23	8	Cap 1= Min C, Cap 2= Max C
				0.034	-72.54	9	Cap 1= Min C, Cap 2= Mid C
				0.034	-74.55	10	Cap 1= Min C, Cap 2= Min C

Single Point SAR Screening for Antenna Tuning States

Measured SAR Values - Body-Worn (15mm Spacing) - GSM/EDGE/DTM 850 MHz							
Channel	Freq. (MHz)	Position	Slider Position	Max. SAR (W/kg)	% delta from Closed Loop	Scan #	Comments
251	848.8	15mm Back	Closed	0.289	0.00	1	Closed Loop
				0.283	-2.08	2	Cap 1= Max C, Cap 2= Max C
				0.286	-1.04	3	Cap 1= Max C, Cap 2= Mid C
				0.284	-1.73	4	Cap 1= Max C, Cap 2= Min C
				0.155	-46.37	5	Cap 1= Mid C, Cap 2= Max C
				0.154	-46.71	6	Cap 1= Mid C, Cap 2= Mid C
				0.147	-49.13	7	Cap 1 = Mid C, Cap 2= Min C
				0.093	-67.68	8	Cap 1= Min C, Cap 2= Max C
				0.090	-68.93	9	Cap 1= Min C, Cap 2= Mid C
				0.085	-70.52	10	Cap 1= Min C, Cap 2= Min C
190	836.6	15mm Front	Closed	0.384	0.00	1	Closed Loop
				0.383	-0.26	2	Cap 1= Max C, Cap 2= Max C
				0.376	-2.08	3	Cap 1= Max C, Cap 2= Mid C
				0.356	-7.29	4	Cap 1= Max C, Cap 2= Min C
				0.248	-35.42	5	Cap 1= Mid C, Cap 2= Max C
				0.229	-40.36	6	Cap 1= Mid C, Cap 2= Mid C
				0.201	-47.66	7	Cap 1 = Mid C, Cap 2= Min C
				0.121	-68.49	8	Cap 1= Min C, Cap 2= Max C
				0.118	-69.27	9	Cap 1= Min C, Cap 2= Mid C
				0.112	-70.83	10	Cap 1= Min C, Cap 2= Min C

Device Model	RHL211LW (STV100-3)
Hardware Rev. #	Rev 4-01
Software Bundle #	AAC273
Date	8/19-20/2015

Single Point SAR Screening for Antenna Tuning States

Measured SAR Values - Hotspot (10mm Spacing) - GSM/EDGE/DTM 850 MHz							
Channel	Freq. (MHz)	Position	Slider Position	Max. SAR (W/kg)	% delta from Closed Loop	Scan #	Comments
251	848.8	10mm Back	Open	0.692	0.00	1	Closed Loop
				0.612	-11.56	2	Cap 1= Max C, Cap 2= Max C
				0.602	-13.01	3	Cap 1= Max C, Cap 2= Mid C
				0.566	-18.21	4	Cap 1= Max C, Cap 2= Min C
				0.408	-41.04	5	Cap 1= Max C, Cap 2= Max C
				0.397	-42.63	6	Cap 1= Mid C, Cap 2= Mid C
				0.362	-47.69	7	Cap 1= Mid C, Cap 2= Min C
				0.207	-70.09	8	Cap 1= Min C, Cap 2= Max C
				0.188	-72.83	9	Cap 1= Min C, Cap 2= Mid C
				0.166	-76.01	10	Cap 1= Min C, Cap 2= Min C
190	836.8	10mm Front	Closed	0.404	0.00	1	Closed Loop
				0.403	-0.25	2	Cap 1= Max C, Cap 2= Max C
				0.403	-0.25	3	Cap 1= Max C, Cap 2= Mid C
				0.400	-0.99	4	Cap 1= Max C, Cap 2= Min C
				0.233	-42.33	5	Cap 1= Mid C, Cap 2= Max C
				0.229	-43.32	6	Cap 1= Mid C, Cap 2= Mid C
				0.218	-46.04	7	Cap 1= Mid C, Cap 2= Min C
				0.123	-69.55	8	Cap 1= Min C, Cap 2= Max C
				0.118	-70.79	9	Cap 1= Min C, Cap 2= Mid C
				0.111	-72.52	10	Cap 1= Min C, Cap 2= Min C

Device Model	RHL211LW (STV100-3)
Hardware Rev. #	Rev 4-01
Software Bundle #	AAC273
Date	9/16//2015

Single Point SAR Screening for Antenna Tuning States

BlackBerry Model: RHM181LW

Measured SAR Values - Head - LTE Band 17 700 MHz (BW 10 MHz)							
Channel	Freq. (MHz)	Position	Slider Position	Max. SAR (W/kg)	% delta from Closed Loop	Scan #	Comments
23790	710.0	Left Cheek	Closed	0.080	0.00	1	Closed Loop
				0.039	-50.69	2	Cap 1= Max C, Cap 2= Max C
				0.052	-34.72	3	Cap 1= Max C, Cap 2= Mid C
				0.076	-4.28	4	Cap 1= Max C, Cap 2= Min C
				0.032	-59.50	5	Cap 1= Mid C, Cap 2= Max C
				0.045	-43.02	6	Cap 1= Mid C, Cap 2= Mid C
				0.074	-7.30	7	Cap 1 = Mid C, Cap 2= Min C
				0.026	-66.79	8	Cap 1= Min C, Cap 2= Max C
				0.040	-50.06	9	Cap 1= Min C, Cap 2= Mid C
				0.070	-11.45	10	Cap 1= Min C, Cap 2= Min C
23790	710.0	Left Tilt	Closed	0.048	0.00	1	Closed Loop
				0.024	-51.03	2	Cap 1= Max C, Cap 2= Max C
				0.032	-34.09	3	Cap 1= Max C, Cap 2= Mid C
				0.046	-4.34	4	Cap 1= Max C, Cap 2= Min C
				0.020	-59.50	5	Cap 1= Mid C, Cap 2= Max C
				0.028	-42.36	6	Cap 1= Mid C, Cap 2= Mid C
				0.046	-4.55	7	Cap 1 = Mid C, Cap 2= Min C
				0.016	-66.32	8	Cap 1= Min C, Cap 2= Max C
				0.024	-49.59	9	Cap 1= Min C, Cap 2= Mid C
				0.044	-9.71	10	Cap 1= Min C, Cap 2= Min C
23790	710.0	Left Cheek	Open	0.051	0.00	1	Closed Loop
				0.024	-53.35	2	Cap 1= Max C, Cap 2= Max C
				0.033	-35.83	3	Cap 1= Max C, Cap 2= Mid C
				0.049	-4.33	4	Cap 1= Max C, Cap 2= Min C
				0.020	-60.43	5	Cap 1= Mid C, Cap 2= Max C
				0.029	-42.91	6	Cap 1= Mid C, Cap 2= Mid C
				0.048	-5.12	7	Cap 1 = Mid C, Cap 2= Min C
				0.017	-66.73	8	Cap 1= Min C, Cap 2= Max C
				0.026	-49.41	9	Cap 1= Min C, Cap 2= Mid C
				0.049	-3.15	10	Cap 1= Min C, Cap 2= Min C
23790	710.0	Left Tilt	Open	0.022	0.00	1	Closed Loop
				0.010	-55.71	2	Cap 1= Max C, Cap 2= Max C
				0.014	-38.39	3	Cap 1= Max C, Cap 2= Mid C
				0.021	-7.14	4	Cap 1= Max C, Cap 2= Min C
				0.008	-62.59	5	Cap 1= Mid C, Cap 2= Max C
				0.012	-44.64	6	Cap 1= Mid C, Cap 2= Mid C
				0.021	-6.70	7	Cap 1 = Mid C, Cap 2= Min C
				0.007	-69.15	8	Cap 1= Min C, Cap 2= Max C
				0.011	-50.45	9	Cap 1= Min C, Cap 2= Mid C
				0.021	-5.36	10	Cap 1= Min C, Cap 2= Min C

Single Point SAR Screening for Antenna Tuning States

Measured SAR Values - Head - LTE Band 17 700 MHz (BW 10 MHz)							
Channel	Freq. (MHz)	Position	Slider Position	Max. SAR (W/kg)	% delta from Closed Loop	Scan #	Comments
23780	709.0	Right Cheek	Closed	0.093	0.00	1	Closed Loop
				0.044	-52.21	2	Cap 1= Max C, Cap 2= Max C
				0.062	-33.48	3	Cap 1= Max C, Cap 2= Mid C
				0.089	-4.52	4	Cap 1= Max C, Cap 2= Min C
				0.038	-59.53	5	Cap 1= Mid C, Cap 2= Max C
				0.053	-42.52	6	Cap 1= Mid C, Cap 2= Mid C
				0.086	-7.10	7	Cap 1= Mid C, Cap 2= Min C
				0.031	-66.52	8	Cap 1= Min C, Cap 2= Max C
				0.046	-50.27	9	Cap 1= Min C, Cap 2= Mid C
				0.082	-11.84	10	Cap 1= Min C, Cap 2= Min C
23790	710.0	Right Tilt	Closed	0.058	0.00	1	Closed Loop
				0.028	-52.24	2	Cap 1= Max C, Cap 2= Max C
				0.037	-35.52	3	Cap 1= Max C, Cap 2= Mid C
				0.056	-3.10	4	Cap 1= Max C, Cap 2= Min C
				0.023	-60.00	5	Cap 1= Mid C, Cap 2= Max C
				0.033	-42.41	6	Cap 1= Mid C, Cap 2= Mid C
				0.054	-6.38	7	Cap 1= Mid C, Cap 2= Min C
				0.020	-66.21	8	Cap 1= Min C, Cap 2= Max C
				0.029	-49.66	9	Cap 1= Min C, Cap 2= Mid C
				0.054	-7.59	10	Cap 1= Min C, Cap 2= Min C
23790	710.0	Right Cheek	Open	0.059	0.00	1	Closed Loop
				0.028	-53.63	2	Cap 1= Max C, Cap 2= Max C
				0.038	-35.92	3	Cap 1= Max C, Cap 2= Mid C
				0.057	-4.55	4	Cap 1= Max C, Cap 2= Min C
				0.023	-60.88	5	Cap 1= Mid C, Cap 2= Max C
				0.034	-42.50	6	Cap 1= Mid C, Cap 2= Mid C
				0.059	-1.35	7	Cap 1= Mid C, Cap 2= Min C
				0.057	-4.55	8	Cap 1= Min C, Cap 2= Max C
				0.031	-47.39	9	Cap 1= Min C, Cap 2= Mid C
				0.058	-2.36	10	Cap 1= Min C, Cap 2= Min C
23790	710.0	Right Tilt	Open	0.032	0.00	1	Closed Loop
				0.014	-55.28	2	Cap 1= Max C, Cap 2= Max C
				0.020	-38.82	3	Cap 1= Max C, Cap 2= Mid C
				0.030	-6.83	4	Cap 1= Max C, Cap 2= Min C
				0.012	-62.42	5	Cap 1= Mid C, Cap 2= Max C
				0.018	-44.41	6	Cap 1= Mid C, Cap 2= Mid C
				0.031	-4.35	7	Cap 1= Mid C, Cap 2= Min C
				0.010	-68.32	8	Cap 1= Min C, Cap 2= Max C
				0.016	-50.00	9	Cap 1= Min C, Cap 2= Mid C
				0.031	-4.04	10	Cap 1= Min C, Cap 2= Min C

Single Point SAR Screening for Antenna Tuning States

Measured SAR Values - Body-Worn (15mm Spacing) - LTE Band 17 700 MHz (BW 10 MHz)							
Channel	Freq. (MHz)	Position	Slider Position	Max. SAR (W/kg)	% delta from Closed Loop	Scan #	Comments
23790	710.0	15mm Back	Closed	0.132	0.00	1	Closed Loop
				0.067	-49.02	2	Cap 1= Max C, Cap 2= Max C
				0.090	-32.12	3	Cap 1= Max C, Cap 2= Mid C
				0.125	-5.30	4	Cap 1= Max C, Cap 2= Min C
				0.054	-59.02	5	Cap 1= Mid C, Cap 2= Max C
				0.076	-42.73	6	Cap 1= Mid C, Cap 2= Mid C
				0.119	-9.85	7	Cap 1 = Mid C, Cap 2= Min C
				0.044	-66.67	8	Cap 1= Min C, Cap 2= Max C
				0.065	-51.14	9	Cap 1= Min C, Cap 2= Mid C
				0.111	-15.91	10	Cap 1= Min C, Cap 2= Min C
23790	710.0	15mm Front	Closed	0.110	0.00	1	Closed Loop
				0.057	-48.64	2	Cap 1= Max C, Cap 2= Max C
				0.074	-32.36	3	Cap 1= Max C, Cap 2= Mid C
				0.107	-2.73	4	Cap 1= Max C, Cap 2= Min C
				0.045	-58.73	5	Cap 1= Mid C, Cap 2= Max C
				0.064	-41.91	6	Cap 1= Mid C, Cap 2= Mid C
				0.101	-8.18	7	Cap 1 = Mid C, Cap 2= Min C
				0.038	-65.91	8	Cap 1= Min C, Cap 2= Max C
				0.056	-49.27	9	Cap 1= Min C, Cap 2= Mid C
				0.095	-13.45	10	Cap 1= Min C, Cap 2= Min C

Device Model	RHM181LW (STV100-4)
Hardware Rev. #	Rev 2-01
Software Bundle #	AAC273
Date	8/27/2015

Single Point SAR Screening for Antenna Tuning States

Measured SAR Values - Head - LTE Band 28 700 MHz (BW 10 MHz)							
Channel	Freq. (MHz)	Position	Slider Position	Max. SAR (W/kg)	% delta from Closed Loop	Scan #	Comments
27560	738.0	Left Cheek	Closed	0.108	0.00	1	Closed Loop
				0.040	-63.33	2	Cap 1= Max C, Cap 2= Max C
				0.050	-53.43	3	Cap 1= Max C, Cap 2= Mid C
				0.068	-36.76	4	Cap 1= Max C, Cap 2= Min C
				0.030	-72.31	5	Cap 1= Mid C, Cap 2= Max C
				0.040	-63.24	6	Cap 1= Mid C, Cap 2= Mid C
				0.056	-48.43	7	Cap 1 = Mid C, Cap 2= Min C
				0.023	-78.89	8	Cap 1= Min C, Cap 2= Max C
				0.031	-71.20	9	Cap 1= Min C, Cap 2= Mid C
				0.048	-56.02	10	Cap 1= Min C, Cap 2= Min C
27560	738.0	Left Tilt	Closed	0.064	0.00	1	Closed Loop
				0.025	-60.94	2	Cap 1= Max C, Cap 2= Max C
				0.033	-48.66	3	Cap 1= Max C, Cap 2= Mid C
				0.045	-29.76	4	Cap 1= Max C, Cap 2= Min C
				0.020	-69.13	5	Cap 1= Mid C, Cap 2= Max C
				0.025	-60.47	6	Cap 1= Mid C, Cap 2= Mid C
				0.037	-42.05	7	Cap 1 = Mid C, Cap 2= Min C
				0.015	-76.85	8	Cap 1= Min C, Cap 2= Max C
				0.020	-67.87	9	Cap 1= Min C, Cap 2= Mid C
				0.032	-50.24	10	Cap 1= Min C, Cap 2= Min C
27560	738.0	Left Cheek	Open	0.070	0.00	1	Closed Loop
				0.016	-77.54	2	Cap 1= Max C, Cap 2= Max C
				0.021	-70.10	3	Cap 1= Max C, Cap 2= Mid C
				0.028	-59.37	4	Cap 1= Max C, Cap 2= Min C
				0.012	-82.37	5	Cap 1= Mid C, Cap 2= Max C
				0.016	-76.68	6	Cap 1= Mid C, Cap 2= Mid C
				0.025	-64.52	7	Cap 1 = Mid C, Cap 2= Min C
				0.009	-86.67	8	Cap 1= Min C, Cap 2= Max C
				0.014	-80.69	9	Cap 1= Min C, Cap 2= Mid C
				0.021	-69.38	10	Cap 1= Min C, Cap 2= Min C
27560	738.0	Left Tilt	Open	0.037	0.00	1	Closed Loop
				0.016	-55.89	2	Cap 1= Max C, Cap 2= Max C
				0.021	-43.56	3	Cap 1= Max C, Cap 2= Mid C
				0.028	-22.19	4	Cap 1= Max C, Cap 2= Min C
				0.012	-66.58	5	Cap 1= Mid C, Cap 2= Max C
				0.017	-53.15	6	Cap 1= Mid C, Cap 2= Mid C
				0.025	-32.33	7	Cap 1 = Mid C, Cap 2= Min C
				0.009	-74.36	8	Cap 1= Min C, Cap 2= Max C
				0.014	-62.74	9	Cap 1= Min C, Cap 2= Mid C
				0.021	-41.64	10	Cap 1= Min C, Cap 2= Min C

Single Point SAR Screening for Antenna Tuning States

Measured SAR Values - Head - LTE Band 28 700 MHz (BW 20 MHz)							
Channel	Freq. (MHz)	Position	Slider Position	Max. SAR (W/kg)	% delta from Closed Loop	Scan #	Comments
27560	738.0	Right Cheek	Closed	0.124	0.00	1	Closed Loop
				0.050	-60.08	2	Cap 1= Max C, Cap 2= Max C
				0.063	-49.03	3	Cap 1= Max C, Cap 2= Mid C
				0.086	-30.48	4	Cap 1= Max C, Cap 2= Min C
				0.037	-69.92	5	Cap 1= Mid C, Cap 2= Max C
				0.049	-60.32	6	Cap 1= Mid C, Cap 2= Mid C
				0.072	-42.10	7	Cap 1= Mid C, Cap 2= Min C
				0.028	-77.42	8	Cap 1= Min C, Cap 2= Max C
				0.039	-68.47	9	Cap 1= Min C, Cap 2= Mid C
				0.040	-67.50	10	Cap 1= Min C, Cap 2= Min C
27560	738.0	Right Tilt	Closed	0.076	0.00	1	Closed Loop
				0.030	-59.74	2	Cap 1= Max C, Cap 2= Max C
				0.039	-48.74	3	Cap 1= Max C, Cap 2= Mid C
				0.053	-30.07	4	Cap 1= Max C, Cap 2= Min C
				0.022	-70.33	5	Cap 1= Mid C, Cap 2= Max C
				0.031	-59.34	6	Cap 1= Mid C, Cap 2= Mid C
				0.044	-41.59	7	Cap 1= Mid C, Cap 2= Min C
				0.018	-76.82	8	Cap 1= Min C, Cap 2= Max C
				0.024	-67.95	9	Cap 1= Min C, Cap 2= Mid C
				0.038	-50.33	10	Cap 1= Min C, Cap 2= Min C
27560	738.0	Right Cheek	Open	0.080	0.00	1	Closed Loop
				0.034	-57.23	2	Cap 1= Max C, Cap 2= Max C
				0.045	-44.03	3	Cap 1= Max C, Cap 2= Mid C
				0.061	-23.52	4	Cap 1= Max C, Cap 2= Min C
				0.026	-67.67	5	Cap 1= Mid C, Cap 2= Max C
				0.035	-55.47	6	Cap 1= Mid C, Cap 2= Mid C
				0.054	-31.57	7	Cap 1= Mid C, Cap 2= Min C
				0.020	-74.84	8	Cap 1= Min C, Cap 2= Max C
				0.028	-64.28	9	Cap 1= Min C, Cap 2= Mid C
				0.028	-64.28	10	Cap 1= Min C, Cap 2= Min C
27560	738.0	Right Tilt	Open	0.042	0.00	1	Closed Loop
				0.019	-55.85	2	Cap 1= Max C, Cap 2= Max C
				0.025	-41.29	3	Cap 1= Max C, Cap 2= Mid C
				0.034	-20.05	4	Cap 1= Max C, Cap 2= Min C
				0.015	-65.39	5	Cap 1= Mid C, Cap 2= Max C
				0.020	-51.55	6	Cap 1= Mid C, Cap 2= Mid C
				0.030	-29.59	7	Cap 1= Mid C, Cap 2= Min C
				0.011	-73.51	8	Cap 1= Min C, Cap 2= Max C
				0.016	-62.29	9	Cap 1= Min C, Cap 2= Mid C
				0.025	-39.38	10	Cap 1= Min C, Cap 2= Min C

Single Point SAR Screening for Antenna Tuning States

Measured SAR Values - Body-Worn (15mm Spacing) - LTE Band 28 700 MHz (BW 20 MHz)							
Channel	Freq. (MHz)	Position	Slider Position	Max. SAR (W/kg)	% delta from Closed Loop	Scan #	Comments
27560	738.0	15mm Back	Closed	0.198	0.00	1	Closed Loop
				0.066	-66.46	2	Cap 1= Max C, Cap 2= Max C
				0.083	-57.88	3	Cap 1= Max C, Cap 2= Mid C
				0.110	-44.44	4	Cap 1= Max C, Cap 2= Min C
				0.049	-75.30	5	Cap 1= Mid C, Cap 2= Max C
				0.064	-67.83	6	Cap 1= Mid C, Cap 2= Mid C
				0.090	-54.34	7	Cap 1= Mid C, Cap 2= Min C
				0.037	-81.41	8	Cap 1= Min C, Cap 2= Max C
				0.049	-75.05	9	Cap 1= Min C, Cap 2= Mid C
				0.075	-62.32	10	Cap 1= Min C, Cap 2= Min C
27560	738.0	15mm Front	Closed	0.188	0.00	1	Closed Loop
				0.060	-68.19	2	Cap 1= Max C, Cap 2= Max C
				0.076	-59.47	3	Cap 1= Max C, Cap 2= Mid C
				0.100	-46.81	4	Cap 1= Max C, Cap 2= Min C
				0.045	-76.22	5	Cap 1= Mid C, Cap 2= Max C
				0.058	-69.20	6	Cap 1= Mid C, Cap 2= Mid C
				0.081	-56.76	7	Cap 1= Mid C, Cap 2= Min C
				0.033	-82.34	8	Cap 1= Min C, Cap 2= Max C
				0.046	-75.32	9	Cap 1= Min C, Cap 2= Mid C
				0.068	-63.88	10	Cap 1= Min C, Cap 2= Min C

Device Model	RHM181LW (STV100-4)
Hardware Rev. #	Rev 2-01
Software Bundle #	AAC273
Date	8/28/2015

Single Point SAR Screening for Antenna Tuning States

Measured SAR Values - Head - GSM/EDGE/DTM 850 MHz							
Channel	Freq. (MHz)	Position	Slider Position	Max. SAR (W/kg)	% delta from Closed Loop	Scan #	Comments
190	836.6	Left Cheek	Closed	0.319	0.00	1	Closed Loop
				0.319	0.00	2	Cap 1= Max C, Cap 2= Max C
				0.304	-4.70	3	Cap 1= Max C, Cap 2= Mid C
				0.275	-13.79	4	Cap 1= Max C, Cap 2= Min C
				0.181	-43.26	5	Cap 1= Mid C, Cap 2= Max C
				0.161	-49.53	6	Cap 1= Mid C, Cap 2= Mid C
				0.134	-57.99	7	Cap 1= Mid C, Cap 2= Min C
				0.086	-73.10	8	Cap 1= Min C, Cap 2= Max C
				0.075	-76.39	9	Cap 1= Min C, Cap 2= Mid C
				0.061	-80.78	10	Cap 1= Min C, Cap 2= Min C
190	836.6	Left Tilt	Closed	0.207	0.00	1	Closed Loop
				0.204	-1.45	2	Cap 1= Max C, Cap 2= Max C
				0.196	-5.31	3	Cap 1= Max C, Cap 2= Mid C
				0.179	-13.53	4	Cap 1= Max C, Cap 2= Min C
				0.115	-44.44	5	Cap 1= Mid C, Cap 2= Max C
				0.105	-49.28	6	Cap 1= Mid C, Cap 2= Mid C
				0.091	-56.18	7	Cap 1= Mid C, Cap 2= Min C
				0.056	-73.09	8	Cap 1= Min C, Cap 2= Max C
				0.050	-75.85	9	Cap 1= Min C, Cap 2= Mid C
				0.043	-79.32	10	Cap 1= Min C, Cap 2= Min C
190	836.6	Left Cheek	Open	0.224	0.00	1	Closed Loop
				0.221	-1.34	2	Cap 1= Max C, Cap 2= Max C
				0.216	-3.57	3	Cap 1= Max C, Cap 2= Mid C
				0.209	-6.70	4	Cap 1= Max C, Cap 2= Min C
				0.116	-48.21	5	Cap 1= Mid C, Cap 2= Max C
				0.111	-50.45	6	Cap 1= Mid C, Cap 2= Mid C
				0.103	-54.02	7	Cap 1= Mid C, Cap 2= Min C
				0.057	-74.38	8	Cap 1= Min C, Cap 2= Max C
				0.054	-75.80	9	Cap 1= Min C, Cap 2= Mid C
				0.050	-77.90	10	Cap 1= Min C, Cap 2= Min C
190	836.6	Left Tilt	Open	0.128	0.00	1	Closed Loop
				0.127	-0.78	2	Cap 1= Max C, Cap 2= Max C
				0.125	-2.34	3	Cap 1= Max C, Cap 2= Mid C
				0.119	-7.03	4	Cap 1= Max C, Cap 2= Min C
				0.066	-48.13	5	Cap 1= Mid C, Cap 2= Max C
				0.062	-51.56	6	Cap 1= Mid C, Cap 2= Mid C
				0.057	-55.78	7	Cap 1= Mid C, Cap 2= Min C
				0.032	-75.16	8	Cap 1= Min C, Cap 2= Max C
				0.030	-76.95	9	Cap 1= Min C, Cap 2= Mid C
				0.027	-78.83	10	Cap 1= Min C, Cap 2= Min C

Single Point SAR Screening for Antenna Tuning States

Measured SAR Values - Head - GSM/EDGE/DTM 850 MHz							
Channel	Freq. (MHz)	Position	Slider Position	Max. SAR (W/kg)	% delta from Closed Loop	Scan #	Comments
190	836.8	Right Cheek	Closed	0.443	0.00	1	Closed Loop
				0.443	0.00	2	Cap 1= Max C, Cap 2= Max C
				0.418	-5.64	3	Cap 1= Max C, Cap 2= Mid C
				0.380	-14.22	4	Cap 1= Max C, Cap 2= Min C
				0.368	-16.93	5	Cap 1= Mid C, Cap 2= Max C
				0.324	-26.86	6	Cap 1= Mid C, Cap 2= Mid C
				0.249	-43.79	7	Cap 1= Mid C, Cap 2= Min C
				0.187	-57.79	8	Cap 1= Min C, Cap 2= Max C
				0.146	-67.04	9	Cap 1= Min C, Cap 2= Mid C
				0.106	-76.07	10	Cap 1= Min C, Cap 2= Min C
190	836.8	Right Tilt	Closed	0.259	0.00	1	Closed Loop
				0.254	-1.93	2	Cap 1= Max C, Cap 2= Max C
				0.243	-6.18	3	Cap 1= Max C, Cap 2= Mid C
				0.222	-14.29	4	Cap 1= Max C, Cap 2= Min C
				0.143	-44.79	5	Cap 1= Mid C, Cap 2= Max C
				0.125	-51.74	6	Cap 1= Mid C, Cap 2= Mid C
				0.110	-57.53	7	Cap 1= Mid C, Cap 2= Min C
				0.068	-73.90	8	Cap 1= Min C, Cap 2= Max C
				0.059	-77.10	9	Cap 1= Min C, Cap 2= Mid C
				0.051	-80.42	10	Cap 1= Min C, Cap 2= Min C
190	836.8	Right Cheek	Open	0.268	0.00	1	Closed Loop
				0.265	-1.12	2	Cap 1= Max C, Cap 2= Max C
				0.263	-1.87	3	Cap 1= Max C, Cap 2= Mid C
				0.261	-2.61	4	Cap 1= Max C, Cap 2= Min C
				0.262	-2.24	5	Cap 1= Mid C, Cap 2= Max C
				0.264	-1.49	6	Cap 1= Mid C, Cap 2= Mid C
				0.124	-53.73	7	Cap 1= Mid C, Cap 2= Min C
				0.070	-74.03	8	Cap 1= Min C, Cap 2= Max C
				0.066	-75.37	9	Cap 1= Min C, Cap 2= Mid C
				0.066	-75.37	10	Cap 1= Min C, Cap 2= Min C
190	836.8	Right Tilt	Open	0.149	0.00	1	Closed Loop
				0.148	-0.67	2	Cap 1= Max C, Cap 2= Max C
				0.145	-2.68	3	Cap 1= Max C, Cap 2= Mid C
				0.136	-8.72	4	Cap 1= Max C, Cap 2= Min C
				0.075	-50.00	5	Cap 1= Mid C, Cap 2= Max C
				0.070	-53.15	6	Cap 1= Mid C, Cap 2= Mid C
				0.064	-57.05	7	Cap 1= Mid C, Cap 2= Min C
				0.036	-76.04	8	Cap 1= Min C, Cap 2= Max C
				0.033	-77.92	9	Cap 1= Min C, Cap 2= Mid C
				0.031	-79.40	10	Cap 1= Min C, Cap 2= Min C

Single Point SAR Screening for Antenna Tuning States

Measured SAR Values - Body-Worn (15mm Spacing) - GSM/EDGE/DTM 850 MHz							
Channel	Freq. (MHz)	Position	Slider Position	Max. SAR (W/kg)	% delta from Closed Loop	Scan #	Comments
128	824.2	15mm Back	Closed	0.374	0.00	1	Closed Loop
				0.372	-0.53	2	Cap 1= Max C, Cap 2= Max C
				0.358	-4.28	3	Cap 1= Max C, Cap 2= Mid C
				0.333	-10.96	4	Cap 1= Max C, Cap 2= Min C
				0.210	-43.85	5	Cap 1= Mid C, Cap 2= Max C
				0.192	-48.66	6	Cap 1= Mid C, Cap 2= Mid C
				0.167	-55.35	7	Cap 1= Mid C, Cap 2= Min C
				0.103	-72.46	8	Cap 1= Min C, Cap 2= Max C
				0.092	-75.51	9	Cap 1= Min C, Cap 2= Mid C
				0.078	-79.06	10	Cap 1= Min C, Cap 2= Min C
190	836.6	15mm Front	Closed	0.447	0.00	1	Closed Loop
				0.440	-1.57	2	Cap 1= Max C, Cap 2= Max C
				0.427	-4.47	3	Cap 1= Max C, Cap 2= Mid C
				0.397	-11.19	4	Cap 1= Max C, Cap 2= Min C
				0.260	-41.83	5	Cap 1= Mid C, Cap 2= Max C
				0.237	-46.98	6	Cap 1= Mid C, Cap 2= Mid C
				0.210	-53.02	7	Cap 1= Mid C, Cap 2= Min C
				0.130	-70.92	8	Cap 1= Min C, Cap 2= Max C
				0.114	-74.50	9	Cap 1= Min C, Cap 2= Mid C
				0.115	-74.27	10	Cap 1= Min C, Cap 2= Min C

Device Model	RHM181LW (STV100-4)
Hardware Rev. #	Rev 2-01
Software Bundle #	AAC273
Date	8/21/2015

Single Point SAR Screening for Antenna Tuning States

Measured SAR Values - Hotspot (10mm Spacing) - GSM/EDGE/DTM 850 MHz							
Channel	Freq. (MHz)	Position	Slider Position	Max. SAR (W/kg)	% delta from Closed Loop	Scan #	Comments
190	836.8	10mm Back	Open	0.895	0.00	1	Closed Loop
				0.894	-0.11	2	Cap 1= Max C, Cap 2= Max C
				0.831	-7.15	3	Cap 1= Max C, Cap 2= Mid C
				0.773	-13.63	4	Cap 1= Max C, Cap 2= Min C
				0.507	-43.35	5	Cap 1= Mid C, Cap 2= Max C
				0.474	-47.04	6	Cap 1= Mid C, Cap 2= Mid C
				0.420	-53.07	7	Cap 1= Mid C, Cap 2= Min C
				0.252	-71.84	8	Cap 1= Min C, Cap 2= Max C
				0.228	-74.53	9	Cap 1= Min C, Cap 2= Mid C
				0.196	-78.10	10	Cap 1= Min C, Cap 2= Min C
128	824.2	10mm Front	Closed	0.358	0.00	1	Closed Loop
				0.349	-2.51	2	Cap 1= Max C, Cap 2= Max C
				0.349	-2.51	3	Cap 1= Max C, Cap 2= Mid C
				0.345	-3.63	4	Cap 1= Max C, Cap 2= Min C
				0.196	-45.25	5	Cap 1= Mid C, Cap 2= Max C
				0.196	-45.25	6	Cap 1= Mid C, Cap 2= Mid C
				0.188	-47.49	7	Cap 1= Mid C, Cap 2= Min C
				0.105	-70.67	8	Cap 1= Min C, Cap 2= Max C
				0.103	-71.23	9	Cap 1= Min C, Cap 2= Mid C
				0.097	-72.99	10	Cap 1= Min C, Cap 2= Min C

Device Model	RHM181LW (STV100-4)
Hardware Rev. #	Rev 2-01
Software Bundle #	AAC273
Date	9/16/2015

Single Point SAR Screening for Antenna Tuning States

Measured SAR Values - Head -WCDMA/UMTS band V 850 MHz							
Channel	Freq. (MHz)	Position	Slider Position	Max. SAR (W/kg)	% delta from Closed Loop	Scan #	Comments
4182	836.4	Left Cheek	Closed	0.251	0.00	1	Closed Loop
				0.251	0.00	2	Cap 1= Max C, Cap 2= Max C
				0.231	-7.97	3	Cap 1= Max C, Cap 2= Mid C
				0.204	-18.73	4	Cap 1= Max C, Cap 2= Min C
				0.190	-24.30	5	Cap 1= Mid C, Cap 2= Max C
				0.169	-32.67	6	Cap 1= Mid C, Cap 2= Mid C
				0.145	-42.23	7	Cap 1= Mid C, Cap 2= Min C
				0.106	-57.77	8	Cap 1= Min C, Cap 2= Max C
				0.094	-62.71	9	Cap 1= Min C, Cap 2= Mid C
				0.078	-68.76	10	Cap 1= Min C, Cap 2= Min C
4182	836.4	Left Tilt	Closed	0.135	0.00	1	Closed Loop
				0.134	-0.74	2	Cap 1= Max C, Cap 2= Max C
				0.135	0.00	3	Cap 1= Max C, Cap 2= Mid C
				0.135	0.00	4	Cap 1= Max C, Cap 2= Min C
				0.113	-16.30	5	Cap 1= Mid C, Cap 2= Max C
				0.130	-3.70	6	Cap 1= Mid C, Cap 2= Mid C
				0.091	-32.59	7	Cap 1= Mid C, Cap 2= Min C
				0.063	-53.26	8	Cap 1= Min C, Cap 2= Max C
				0.056	-58.22	9	Cap 1= Min C, Cap 2= Mid C
				0.049	-63.41	10	Cap 1= Min C, Cap 2= Min C
4182	836.4	Left Cheek	Open	0.191	0.00	1	Closed Loop
				0.187	-2.09	2	Cap 1= Max C, Cap 2= Max C
				0.182	-4.71	3	Cap 1= Max C, Cap 2= Mid C
				0.171	-10.47	4	Cap 1= Max C, Cap 2= Min C
				0.128	-32.98	5	Cap 1= Mid C, Cap 2= Max C
				0.122	-36.13	6	Cap 1= Mid C, Cap 2= Mid C
				0.114	-40.31	7	Cap 1= Mid C, Cap 2= Min C
				0.072	-62.46	8	Cap 1= Min C, Cap 2= Max C
				0.068	-64.61	9	Cap 1= Min C, Cap 2= Mid C
				0.063	-66.91	10	Cap 1= Min C, Cap 2= Min C
4182	836.4	Left Tilt	Open	0.115	0.00	1	Closed Loop
				0.114	-0.87	2	Cap 1= Max C, Cap 2= Max C
				0.110	-4.35	3	Cap 1= Max C, Cap 2= Mid C
				0.102	-11.30	4	Cap 1= Max C, Cap 2= Min C
				0.075	-34.87	5	Cap 1= Mid C, Cap 2= Max C
				0.071	-38.35	6	Cap 1= Mid C, Cap 2= Mid C
				0.066	-42.61	7	Cap 1= Mid C, Cap 2= Min C
				0.042	-63.91	8	Cap 1= Min C, Cap 2= Max C
				0.039	-66.09	9	Cap 1= Min C, Cap 2= Mid C
				0.036	-68.78	10	Cap 1= Min C, Cap 2= Min C

Single Point SAR Screening for Antenna Tuning States

Measured SAR Values - Head -WCDMA/UMTS band V 850 MHz							
Channel	Freq. (MHz)	Position	Slider Position	Max. SAR (W/kg)	% delta from Closed Loop	Scan #	Comments
4233	846.6	Right Cheek	Closed	0.309	0.00	1	Closed Loop
				0.306	-19.74	2	Cap 1= Max C, Cap 2= Max C
				0.283	-22.98	3	Cap 1= Max C, Cap 2= Mid C
				0.248	-32.04	4	Cap 1= Max C, Cap 2= Min C
				0.238	-42.07	5	Cap 1= Mid C, Cap 2= Max C
				0.210	-56.63	6	Cap 1= Mid C, Cap 2= Mid C
				0.179	-62.78	7	Cap 1 = Mid C, Cap 2= Min C
				0.134	-68.96	8	Cap 1= Min C, Cap 2= Max C
				0.115	-42.39	9	Cap 1= Min C, Cap 2= Mid C
				0.096	-42.72	10	Cap 1= Min C, Cap 2= Min C
4182	836.4	Right Tilt	Closed	0.178	0.00	1	Closed Loop
				0.177	-0.56	2	Cap 1= Max C, Cap 2= Max C
				0.164	-7.87	3	Cap 1= Max C, Cap 2= Mid C
				0.148	-16.85	4	Cap 1= Max C, Cap 2= Min C
				0.130	-26.97	5	Cap 1= Mid C, Cap 2= Max C
				0.117	-34.27	6	Cap 1= Mid C, Cap 2= Mid C
				0.102	-42.70	7	Cap 1 = Mid C, Cap 2= Min C
				0.072	-59.61	8	Cap 1= Min C, Cap 2= Max C
				0.064	-64.33	9	Cap 1= Min C, Cap 2= Mid C
				0.055	-69.27	10	Cap 1= Min C, Cap 2= Min C
4182	836.4	Right Cheek	Open	0.216	0.00	1	Closed Loop
				0.215	-0.46	2	Cap 1= Max C, Cap 2= Max C
				0.208	-8.80	3	Cap 1= Max C, Cap 2= Mid C
				0.197	-32.87	4	Cap 1= Max C, Cap 2= Min C
				0.145	-35.65	5	Cap 1= Mid C, Cap 2= Max C
				0.139	-40.28	6	Cap 1= Mid C, Cap 2= Mid C
				0.129	-62.08	7	Cap 1 = Mid C, Cap 2= Min C
				0.082	-64.21	8	Cap 1= Min C, Cap 2= Max C
				0.077	-66.71	9	Cap 1= Min C, Cap 2= Mid C
				0.072	-76.84	10	Cap 1= Min C, Cap 2= Min C
4182	836.4	Right Tilt	Open	0.155	0.00	1	Closed Loop
				0.115	-25.81	2	Cap 1= Max C, Cap 2= Max C
				0.110	-29.03	3	Cap 1= Max C, Cap 2= Mid C
				0.103	-33.55	4	Cap 1= Max C, Cap 2= Min C
				0.075	-51.94	5	Cap 1= Mid C, Cap 2= Max C
				0.070	-54.58	6	Cap 1= Mid C, Cap 2= Mid C
				0.066	-57.48	7	Cap 1 = Mid C, Cap 2= Min C
				0.042	-73.16	8	Cap 1= Min C, Cap 2= Max C
				0.039	-74.84	9	Cap 1= Min C, Cap 2= Mid C
				0.036	-76.84	10	Cap 1= Min C, Cap 2= Min C

Single Point SAR Screening for Antenna Tuning States

Measured SAR Values - Body-Worn (15mm Spacing) -WCDMA/UMTS band V 850 MHz							
Channel	Freq. (MHz)	Position	Slider Position	Max. SAR (W/kg)	% delta from Closed Loop	Scan #	Comments
4132	826.4	15mm Back	Closed	0.279	0.00	1	Closed Loop
				0.277	-0.72	2	Cap 1= Max C, Cap 2= Max C
				0.260	-6.81	3	Cap 1= Max C, Cap 2= Mid C
				0.237	-15.05	4	Cap 1= Max C, Cap 2= Min C
				0.210	-24.73	5	Cap 1= Mid C, Cap 2= Max C
				0.191	-31.54	6	Cap 1= Mid C, Cap 2= Mid C
				0.168	-39.78	7	Cap 1= Mid C, Cap 2= Min C
				0.119	-57.35	8	Cap 1= Min C, Cap 2= Max C
				0.107	-61.65	9	Cap 1= Min C, Cap 2= Mid C
				0.079	-71.83	10	Cap 1= Min C, Cap 2= Min C
4132	826.4	15mm Front	Closed	0.334	0.00	1	Closed Loop
				0.334	0.00	2	Cap 1= Max C, Cap 2= Max C
				0.322	-3.59	3	Cap 1= Max C, Cap 2= Mid C
				0.306	-8.38	4	Cap 1= Max C, Cap 2= Min C
				0.250	-25.15	5	Cap 1= Mid C, Cap 2= Max C
				0.241	-27.84	6	Cap 1= Mid C, Cap 2= Mid C
				0.223	-33.23	7	Cap 1= Mid C, Cap 2= Min C
				0.159	-52.40	8	Cap 1= Min C, Cap 2= Max C
				0.153	-54.19	9	Cap 1= Min C, Cap 2= Mid C
				0.141	-57.78	10	Cap 1= Min C, Cap 2= Min C

Device Model	RHM181LW (STV100-4)
Hardware Rev. #	Rev 2-01
Software Bundle #	AAC273
Date	8/23/2015

