

14.7. Simultaneous Transmission SAR Analysis

All WWAN 1-g SAR values were taken from results recorded in SAR report 10258100H-A(submitted under FCC ID: ACJ9TGWW13B1) and 10258100H-B(submitted under IC Number: 216A-CFWW13B).

All Simultaneous Transmission SAR analysis applies scaling in accordance with the scaled values documented in this report (for the WLAN radios) and the aforementioned SAR report (10258100H-A,10258100H--B) with scaling applied (for the WWAN radios).

14.7.1. Sum of the SAR for GSM & Wi-Fi 2.4 GHz Band

Test Position	Data					Σ 1-g SAR (mW/g)
	GSM850	GSM1900	WiFi 2.4 GHz Main	WiFi 2.4 GHz Aux	Bluetooth	
Rear, Wi-Fi 1 Tx 0mm → w/WWAN Power reduction	0.643		0.164		0.023	0.830
		0.205	0.164		0.023	0.392
	0.643			0.214		0.857
		0.205		0.214		0.419
Rear, Wi-Fi 1 Tx 13mm → w/WWAN Full power	0.670		0.164		0.023	0.857
		0.256	0.164		0.023	0.443
	0.670			0.214		0.884
		0.256		0.214		0.470
Rear, Wi-Fi 2 Tx 0mm → w/WWAN Power reduction	0.643		0.164	0.214		1.021
		0.205	0.164	0.214		0.583
Rear, Wi-Fi 2 Tx 13mm → w/WWAN Full power	0.670		0.164	0.214		1.048
		0.256	0.164	0.214		0.634
Edge 1, Wi-Fi 1 Tx 0mm → w/WWAN Power reduction	1.193		0.001		0.006	1.200
		1.059	0.001		0.006	1.066
	1.193			0.082		1.275
		1.059		0.082		1.141
Edge 1, Wi-Fi 1 Tx 21mm → w/WWAN Full power	0.481		0.001		0.006	0.488
		0.456	0.001		0.006	0.463
	0.481			0.082		0.563
		0.456		0.082		0.538
Edge 1, Wi-Fi 2 Tx 0mm → w/WWAN Power reduction	1.193		0.001	0.082		1.276
		1.059	0.001	0.082		1.142
Edge 1, Wi-Fi 2 Tx 21mm → w/WWAN Full power	0.481		0.001	0.082		0.564
		0.456	0.001	0.082		0.539

Test Position	Data					Σ 1-g SAR (mW/g)
	GSM850	GSM1900	WiFi 2.4 GHz Main	WiFi 2.4 GHz Aux	Bluetooth	
Edge 3, Wi-Fi 1 Tx	0.027		0.466		0.400	0.893
		0.400	0.466		0.400	1.266
	0.027			0.400		0.427
		0.400		0.400		0.800
Edge 3, Wi-Fi 2 Tx	0.027		0.466	0.400		0.893
		0.400	0.466	0.400		1.266
Edge 4, Wi-Fi 1 Tx	0.197		0.088		0.081	0.366
		0.388	0.088		0.081	0.557
	0.197			0.707		0.904
		0.388		0.707		1.095
Edge 4, Wi-Fi 2 Tx	0.197		0.088	0.707		0.992
		0.388	0.088	0.707		1.183

Note(s):

1. Bluetooth and Wi-Fi Aux cannot simultaneously transmit
2. Values shaded green are estimated SAR

Conclusion:

Simultaneous transmission SAR measurement (Volume Scan) is not required because the either sum of the 1-g SAR is < 1.6 W/kg or the SPLSR is < 0.04 for all circumstances that require SPLSR calculation.

14.7.2. Sum of the SAR for W-CDMA Band V, IV & Wi-Fi 2.4 GHz Band

Test Position	Data					Σ 1-g SAR (mW/g)
	WCDMA V	WCDMA IV	WiFi 2.4 GHz Main	WiFi 2.4 GHz Aux	Bluetooth	
Rear, Wi-Fi 1 Tx 0mm → w/WWAN Power reduction	0.453		0.164		0.023	0.640
		0.178	0.164		0.023	0.365
	0.453			0.214		0.667
		0.178		0.214		0.392
Rear, Wi-Fi 1 Tx 13mm → w/WWAN Full power	0.217		0.164		0.023	0.404
		0.157	0.164		0.023	0.344
	0.217			0.214		0.431
		0.157		0.214		0.371
Rear, Wi-Fi 2 Tx 0mm → w/WWAN Power reduction	0.453		0.164	0.214		0.831
		0.178	0.164	0.214		0.556
Rear, Wi-Fi 2 Tx 13mm → w/WWAN Full power	0.217		0.164	0.214		0.595
		0.157	0.164	0.214		0.535
Edge 1, Wi-Fi 1 Tx 0mm → w/WWAN Power reduction	1.184		0.001		0.006	1.191
		1.108	0.001		0.006	1.115
	1.184			0.082		1.266
		1.108		0.082		1.190
Edge 1, Wi-Fi 1 Tx 21mm → w/WWAN Full power	0.151		0.001		0.006	0.158
		0.299	0.001		0.006	0.306
	0.151			0.082		0.233
		0.299		0.082		0.381
Edge 1, Wi-Fi 2 Tx 0mm → w/WWAN Power reduction	1.184		0.001	0.082		1.267
		1.108	0.001	0.082		1.191
Edge 1, Wi-Fi 2 Tx 21mm → w/WWAN Full power	0.151		0.001	0.082		0.234
		0.299	0.001	0.082		0.382

Test Position	Data					Σ 1-g SAR (mW/g)
	WCDMA V	WCDMA IV	WiFi 2.4 GHz Main	WiFi 2.4 GHz Aux	Bluetooth	
Edge 3, Wi-Fi 1 Tx	0.400		0.466		0.400	1.266
		0.400	0.466		0.400	1.266
	0.400			0.400		0.800
		0.400		0.400		0.800
Edge 3, Wi-Fi 2 Tx	0.400		0.466	0.400		1.266
		0.400	0.466	0.400		1.266
Edge 4, Wi-Fi 1 Tx	0.057		0.088		0.081	0.226
		0.174	0.088		0.081	0.343
	0.057			0.707		0.764
		0.174		0.707		0.881
Edge 4, Wi-Fi 2 Tx	0.057		0.088	0.707		0.852
		0.174	0.088	0.707		0.969

Note(s):

1. Bluetooth and Wi-Fi Aux cannot simultaneously transmit
2. Values shaded green are estimated SAR

Conclusion:

Simultaneous transmission SAR measurement (Volume Scan) is not required because the either sum of the 1-g SAR is < 1.6 W/kg or the SPLSR is < 0.04 for all circumstances that require SPLSR calculation.

14.7.3. Sum of the SAR for W-CDMA Band II & Wi-Fi 2.4 GHz Band

Test Position	Data				Σ 1-g SAR (mW/g)
	WCDMA II	WiFi 2.4 GHz Main	WiFi 2.4 GHz Aux	Bluetooth	
Rear, Wi-Fi 1 Tx 0mm → w/WWAN Power reduction	0.277	0.164		0.023	0.464
	0.277		0.214		0.491
Rear, Wi-Fi 1 Tx 13mm → w/WWAN Full power	0.152	0.164		0.023	0.339
	0.152		0.214		0.366
Rear, Wi-Fi 2 Tx 0mm → w/WWAN Power reduction	0.277	0.164	0.214		0.655
Rear, Wi-Fi 2 Tx 13mm → w/WWAN Full power	0.152	0.164	0.214		0.530
Edge 1, Wi-Fi 1 Tx 0mm → w/WWAN Power reduction	1.098	0.001		0.006	1.105
	1.098		0.082		1.180
Edge 1, Wi-Fi 1 Tx 21mm → w/WWAN Full power	0.243	0.001		0.006	0.250
	0.243		0.082		0.325
Edge 1, Wi-Fi 2 Tx 0mm → w/WWAN Power reduction	1.098	0.001	0.082		1.181
Edge 1, Wi-Fi 2 Tx 21mm → w/WWAN Full power	0.243	0.001	0.082		0.326
Edge 3, Wi-Fi 1 Tx	0.400	0.466		0.400	1.266
	0.400		0.400		0.800
Edge 3, Wi-Fi 2 Tx	0.400	0.466	0.400		1.266
Edge 4, Wi-Fi 1 Tx	0.077	0.088		0.081	0.246
	0.077		0.707		0.784
Edge 4, Wi-Fi 2 Tx	0.077	0.088	0.707		0.872

Note(s):

1. Bluetooth and Wi-Fi Aux cannot simultaneously transmit
2. Values shaded green are estimated SAR

Conclusion:

Simultaneous transmission SAR measurement (Volume Scan) is not required because the either sum of the 1-g SAR is < 1.6 W/kg or the SPLSR is < 0.04 for all circumstances that require SPLSR calculation.

14.7.4. Sum of the SAR for CDMA BC0 & Wi-Fi 2.4 GHz Band

Test Position	Data					Σ 1-g SAR (mW/g)
	1xRTT	EVDO	WiFi 2.4 GHz Main	WiFi 2.4 GHz Aux	Bluetooth	
Rear, Wi-Fi 1 Tx 0mm → w/WWAN Power reduction	0.717		0.164		0.023	0.904
		0.671	0.164		0.023	0.858
	0.717			0.214		0.931
		0.671		0.214		0.885
Rear, Wi-Fi 1 Tx 13mm → w/WWAN Full power	0.484		0.164		0.023	0.671
		0.472	0.164		0.023	0.659
	0.484			0.214		0.698
		0.472		0.214		0.686
Rear, Wi-Fi 2 Tx 0mm → w/WWAN Power reduction	0.717		0.164	0.214		1.095
		0.671	0.164	0.214		1.049
Rear, Wi-Fi 2 Tx 13mm → w/WWAN Full power	0.484		0.164	0.214		0.862
		0.472	0.164	0.214		0.850
Edge 1, Wi-Fi 1 Tx 0mm → w/WWAN Power reduction	1.116		0.001		0.006	1.123
		1.171	0.001		0.006	1.178
	1.116			0.082		1.198
		1.171		0.082		1.253
Edge 1, Wi-Fi 1 Tx 21mm → w/WWAN Full power	0.293		0.001		0.006	0.300
		0.291	0.001		0.006	0.298
	0.293			0.082		0.375
		0.291		0.082		0.373
Edge 1, Wi-Fi 2 Tx 0mm → w/WWAN Power reduction	1.116		0.001	0.082		1.199
		1.171	0.001	0.082		1.254
Edge 1, Wi-Fi 2 Tx 21mm → w/WWAN Full power	0.293		0.001	0.082		0.376
		0.291	0.001	0.082		0.374

Test Position	Data					Σ 1-g SAR (mW/g)
	1xRTT	EVDO	WiFi 2.4 GHz Main	WiFi 2.4 GHz Aux	Bluetooth	
Edge 3, Wi-Fi 1 Tx	0.400		0.466		0.400	1.266
		0.400	0.466		0.400	1.266
	0.400			0.400		0.800
		0.400		0.400		0.800
Edge 3, Wi-Fi 2 Tx	0.400		0.466	0.400		1.266
		0.400	0.466	0.400		1.266
Edge 4, Wi-Fi 1 Tx	0.121		0.088		0.081	0.290
		0.036	0.088		0.081	0.205
	0.121			0.707		0.828
		0.036		0.707		0.743
Edge 4, Wi-Fi 2 Tx	0.121		0.088	0.707		0.916
		0.036	0.088	0.707		0.831

Note(s):

1. Bluetooth and Wi-Fi Aux cannot simultaneously transmit
2. Values shaded green are estimated SAR

Conclusion:

Simultaneous transmission SAR measurement (Volume Scan) is not required because the either sum of the 1-g SAR is < 1.6 W/kg or the SPLSR is < 0.04 for all circumstances that require SPLSR calculation.

14.7.5. Sum of the SAR for CDMA BC1 & Wi-Fi 2.4 GHz Band

Test Position	Data					Σ 1-g SAR (mW/g)
	1xRTT	EVDO	WiFi 2.4 GHz Main	WiFi 2.4 GHz Aux	Bluetooth	
Rear, Wi-Fi 1 Tx 0mm → w/WWAN Power reduction	0.314		0.164		0.023	0.501
		0.318	0.164		0.023	0.505
	0.314			0.214		0.528
		0.318		0.214		0.532
Rear, Wi-Fi 1 Tx 13mm → w/WWAN Full power	0.363		0.164		0.023	0.550
		0.382	0.164		0.023	0.569
	0.363			0.214		0.577
		0.382		0.214		0.596
Rear, Wi-Fi 2 Tx 0mm → w/WWAN Power reduction	0.314		0.164	0.214		0.692
		0.318	0.164	0.214		0.696
Rear, Wi-Fi 2 Tx 13mm → w/WWAN Full power	0.363		0.164	0.214		0.741
		0.382	0.164	0.214		0.760
Edge 1, Wi-Fi 1 Tx 0mm → w/WWAN Power reduction	1.127		0.001		0.006	1.134
		1.175	0.001		0.006	1.182
	1.127			0.082		1.209
		1.175		0.082		1.257
Edge 1, Wi-Fi 1 Tx 21mm → w/WWAN Full power	0.542		0.001		0.006	0.549
		0.662	0.001		0.006	0.669
	0.542			0.082		0.624
		0.662		0.082		0.744
Edge 1, Wi-Fi 2 Tx 0mm → w/WWAN Power reduction	1.127		0.001	0.082		1.210
		1.175	0.001	0.082		1.258
Edge 1, Wi-Fi 2 Tx 21mm → w/WWAN Full power	0.542		0.001	0.082		0.625
		0.662	0.001	0.082		0.745

Test Position	Data					Σ 1-g SAR (mW/g)
	1xRTT	EVDO	WiFi 2.4 GHz Main	WiFi 2.4 GHz Aux	Bluetooth	
Edge 3, Wi-Fi 1 Tx	0.400		0.466		0.400	1.266
		0.400	0.466		0.400	1.266
	0.400			0.400		0.800
		0.400		0.400		0.800
Edge 3, Wi-Fi 2 Tx	0.400		0.466	0.400		1.266
		0.400	0.466	0.400		1.266
Edge 4, Wi-Fi 1 Tx	0.148		0.088		0.081	0.317
		0.141	0.088		0.081	0.310
	0.148			0.707		0.855
		0.141		0.707		0.848
Edge 4, Wi-Fi 2 Tx	0.148		0.088	0.707		0.943
		0.141	0.088	0.707		0.936

Note(s):

1. Bluetooth and Wi-Fi Aux cannot simultaneously transmit
2. Values shaded green are estimated SAR

Conclusion:

Simultaneous transmission SAR measurement (Volume Scan) is not required because the either sum of the 1-g SAR is < 1.6 W/kg or the SPLSR is < 0.04 for all circumstances that require SPLSR calculation.

14.7.6. Sum of the SAR for LTE Bands 2 and 4 & Wi-Fi 2.4 GHz Band

Test Position	Data					Σ 1-g SAR (mW/g)
	LTE Band 2	LTE Band 4	WiFi 2.4 GHz Main	WiFi 2.4 GHz Aux	Bluetooth	
Rear, Wi-Fi 1 Tx 0mm → w/WWAN Power reduction	0.262		0.164		0.023	0.449
		0.165	0.164		0.023	0.352
	0.262			0.214		0.476
		0.165		0.214		0.379
Rear, Wi-Fi 1 Tx 13mm → w/WWAN Full power	0.214		0.164		0.023	0.401
		0.261	0.164		0.023	0.448
	0.214			0.214		0.428
		0.261		0.214		0.475
Rear, Wi-Fi 2 Tx 0mm → w/WWAN Power reduction	0.262		0.164	0.214		0.640
		0.165	0.164	0.214		0.543
Rear, Wi-Fi 2 Tx 13mm → w/WWAN Full power	0.214		0.164	0.214		0.592
		0.261	0.164	0.214		0.639
Edge 1, Wi-Fi 1 Tx 0mm → w/WWAN Power reduction	1.046		0.001		0.006	1.053
		1.038	0.001		0.006	1.045
	1.046			0.082		1.128
		1.038		0.082		1.120
Edge 1, Wi-Fi 1 Tx 21mm → w/WWAN Full power	0.433		0.001		0.006	0.440
		0.409	0.001		0.006	0.416
	0.433			0.082		0.515
		0.409		0.082		0.491
Edge 1, Wi-Fi 2 Tx 0mm → w/WWAN Power reduction	1.046		0.001	0.082		1.129
		1.038	0.001	0.082		1.121
Edge 1, Wi-Fi 2 Tx 21mm → w/WWAN Full power	0.433		0.001	0.082		0.516
		0.409	0.001	0.082		0.492

Test Position	Data					Σ 1-g SAR (mW/g)
	LTE Band 2	LTE Band 4	WiFi 2.4 GHz Main	WiFi 2.4 GHz Aux	Bluetooth	
Edge 3, Wi-Fi 1 Tx	0.400		0.466		0.400	1.266
		0.400	0.466		0.400	1.266
	0.400			0.400		0.800
		0.400		0.400		0.800
Edge 3, Wi-Fi 2 Tx	0.400		0.466	0.400		1.266
		0.400	0.466	0.400		1.266
Edge 4, Wi-Fi 1 Tx	0.356		0.088		0.081	0.525
		0.199	0.088		0.081	0.368
	0.356			0.707		1.063
		0.199		0.707		0.906
Edge 4, Wi-Fi 2 Tx	0.356		0.088	0.707		1.151
		0.199	0.088	0.707		0.994

Note(s):

1. Bluetooth and Wi-Fi Aux cannot simultaneously transmit
2. Values shaded green are estimated SAR

Conclusion:

Simultaneous transmission SAR measurement (Volume Scan) is not required because the either sum of the 1-g SAR is < 1.6 W/kg or the SPLSR is < 0.04 for all circumstances that require SPLSR calculation.

14.7.7. Sum of the SAR for LTE Bands 5 and 13 & Wi-Fi 2.4 GHz Band

Test Position	Data					Σ 1-g SAR (mW/g)
	LTE Band 5	LTE Band 13	WiFi 2.4 GHz Main	WiFi 2.4 GHz Aux	Bluetooth	
Rear, Wi-Fi 1 Tx 0mm → w/WWAN Power reduction	0.744		0.164		0.023	0.931
		0.746	0.164		0.023	0.933
	0.744			0.214		0.958
		0.746		0.214		0.960
Rear, Wi-Fi 1 Tx 13mm → w/WWAN Full power	0.359		0.164		0.023	0.546
		0.359	0.164		0.023	0.546
	0.359			0.214		0.573
		0.359		0.214		0.573
Rear, Wi-Fi 2 Tx 0mm → w/WWAN Power reduction	0.744		0.164	0.214		1.122
		0.746	0.164	0.214		1.124
Rear, Wi-Fi 2 Tx 13mm → w/WWAN Full power	0.359		0.164	0.214		0.737
		0.359	0.164	0.214		0.737
Edge 1, Wi-Fi 1 Tx 0mm → w/WWAN Power reduction	1.159		0.001		0.006	1.166
		1.124	0.001		0.006	1.131
	1.159			0.082		1.241
		1.124		0.082		1.206
Edge 1, Wi-Fi 1 Tx 21mm(LTE Band 5), 20mm(LTE Band 13) → w/WWAN Full power	0.284		0.001		0.006	0.291
		0.244	0.001		0.006	0.251
	0.284			0.082		0.366
		0.244		0.082		0.326
Edge 1, Wi-Fi 2 Tx 0mm → w/WWAN Power reduction	1.159		0.001	0.082		1.242
		1.124	0.001	0.082		1.207
Edge 1, Wi-Fi 2 Tx 21mm(LTE Band 5), 20mm(LTE Band 13) → w/WWAN Full power	0.284		0.001	0.082		0.367
		0.244	0.001	0.082		0.327

Test Position	Data					Σ 1-g SAR (mW/g)
	LTE Band 5	LTE Band 13	WiFi 2.4 GHz Main	WiFi 2.4 GHz Aux	Bluetooth	
Edge 3, Wi-Fi 1 Tx	0.400		0.466		0.400	1.266
		0.400	0.466		0.400	1.266
	0.400			0.400		0.800
		0.400		0.400		0.800
Edge 3, Wi-Fi 2 Tx	0.400		0.466	0.400		1.266
		0.400	0.466	0.400		1.266
Edge 4, Wi-Fi 1 Tx	0.123		0.088		0.081	0.292
		0.134	0.088		0.081	0.303
	0.123			0.707		0.830
		0.134		0.707		0.841
Edge 4, Wi-Fi 2 Tx	0.123		0.088	0.707		0.918
		0.134	0.088	0.707		0.929

Note(s):

1. Bluetooth and Wi-Fi Aux cannot simultaneously transmit
2. Values shaded green are estimated SAR

Conclusion:

Simultaneous transmission SAR measurement (Volume Scan) is not required because the either sum of the 1-g SAR is < 1.6 W/kg or the SPLSR is < 0.04 for all circumstances that require SPLSR calculation.

14.7.8. Sum of the SAR for LTE Bands 17 and 25 & Wi-Fi 2.4 GHz Band

Test Position	Data					Σ 1-g SAR (mW/g)
	LTE Band 17	LTE Band 25	WiFi 2.4 GHz Main	WiFi 2.4 GHz Aux	Bluetooth	
Rear, Wi-Fi 1 Tx 0mm → w/WWAN Power reduction	0.469		0.164		0.023	0.656
		0.289	0.164		0.023	0.476
	0.469			0.214		0.683
		0.289		0.214		0.503
Rear, Wi-Fi 1 Tx 13mm → w/WWAN Full power	0.139		0.164		0.023	0.326
		0.304	0.164		0.023	0.491
	0.139			0.214		0.353
		0.304		0.214		0.518
Rear, Wi-Fi 2 Tx 0mm → w/WWAN Power reduction	0.469		0.164	0.214		0.847
		0.289	0.164	0.214		0.667
Rear, Wi-Fi 2 Tx 13mm → w/WWAN Full power	0.139		0.164	0.214		0.517
		0.304	0.164	0.214		0.682
Edge 1, Wi-Fi 1 Tx 0mm → w/WWAN Power reduction	0.982		0.001		0.006	0.989
		1.027	0.001		0.006	1.034
	0.982			0.082		1.064
		1.027		0.082		1.109
Edge 1, Wi-Fi 1 Tx 21mm(LTE Band 25), 20mm(LTE Band 17) → w/WWAN Full power	0.126		0.001		0.006	0.133
		0.440	0.001		0.006	0.447
	0.126			0.082		0.208
		0.440		0.082		0.522
Edge 1, Wi-Fi 2 Tx 0mm → w/WWAN Power reduction	0.982		0.001	0.082		1.065
		1.027	0.001	0.082		1.110
Edge 1, Wi-Fi 2 Tx 21mm(LTE Band 25), 20mm(LTE Band 17) → w/WWAN Full power	0.126		0.001	0.082		0.209
		0.440	0.001	0.082		0.523

Test Position	Data					Σ 1-g SAR (mW/g)
	LTE Band 17	LTE Band 25	WiFi 2.4 GHz Main	WiFi 2.4 GHz Aux	Bluetooth	
Edge 3, Wi-Fi 1 Tx	0.400		0.466		0.400	1.266
		0.400	0.466		0.400	1.266
	0.400			0.400		0.800
		0.400		0.400		0.800
Edge 3, Wi-Fi 2 Tx	0.400		0.466	0.400		1.266
		0.400	0.466	0.400		1.266
Edge 4, Wi-Fi 1 Tx	0.106		0.088		0.081	0.275
		0.286	0.088		0.081	0.455
	0.106			0.707		0.813
		0.286		0.707		0.993
Edge 4, Wi-Fi 2 Tx	0.106		0.088	0.707		0.901
		0.286	0.088	0.707		1.081

Note(s):

1. Bluetooth and Wi-Fi Aux cannot simultaneously transmit
2. Values shaded green are estimated SAR

Conclusion:

Simultaneous transmission SAR measurement (Volume Scan) is not required because the either sum of the 1-g SAR is < 1.6 W/kg or the SPLSR is < 0.04 for all circumstances that require SPLSR calculation.

14.7.9. Sum of the SAR for GSM & Wi-Fi 5.3 GHz Band

Test Position	Data					Σ 1-g SAR (mW/g)
	GSM850	GSM1900	WiFi 5.3 GHz Main	WiFi 5.3 GHz Aux	Bluetooth	
Rear, Wi-Fi 1 Tx 0mm → w/WWAN Power reduction	0.643		0.109		0.023	0.775
		0.205	0.109		0.023	0.337
	0.643			0.115		0.758
		0.205		0.115		0.320
Rear, Wi-Fi 1 Tx 13mm → w/WWAN Full power	0.670		0.109		0.023	0.802
		0.256	0.109		0.023	0.388
	0.670			0.115		0.785
		0.256		0.115		0.371
Rear, Wi-Fi 2 Tx 0mm → w/WWAN Power reduction	0.643		0.109	0.115		0.867
		0.205	0.109	0.115		0.429
Rear, Wi-Fi 2 Tx 13mm → w/WWAN Full power	0.670		0.109	0.115		0.894
		0.256	0.109	0.115		0.480
Edge 1, Wi-Fi 1 Tx 0mm → w/WWAN Power reduction	1.193		0.000		0.006	1.199
		1.059	0.000		0.006	1.065
	1.193			0.006		1.199
		1.059		0.006		1.065
Edge 1, Wi-Fi 1 Tx 21mm → w/WWAN Full power	0.481		0.000		0.006	0.487
		0.456	0.000		0.006	0.462
	0.481			0.006		0.487
		0.456		0.006		0.462
Edge 1, Wi-Fi 2 Tx 0mm → w/WWAN Power reduction	1.193		0.000	0.006		1.199
		1.059	0.000	0.006		1.065
Edge 1, Wi-Fi 2 Tx 21mm → w/WWAN Full power	0.481		0.000	0.006		0.487
		0.456	0.000	0.006		0.462

Test Position	Data					Σ 1-g SAR (mW/g)
	GSM850	GSM1900	WiFi 5.3 GHz Main	WiFi 5.3 GHz Aux	Bluetooth	
Edge 3, Wi-Fi 1 Tx	0.027		0.434		0.400	0.861
		0.400	0.434		0.400	1.234
	0.027			0.400		0.427
		0.400		0.400		0.800
Edge 3, Wi-Fi 2 Tx	0.027		0.434	0.400		0.861
		0.400	0.434	0.400		1.234
Edge 4, Wi-Fi 1 Tx	0.197		0.048		0.081	0.326
		0.388	0.048		0.081	0.517
	0.197			0.354		0.551
		0.388		0.354		0.742
Edge 4, Wi-Fi 2 Tx	0.197		0.048	0.354		0.599
		0.388	0.048	0.354		0.790

Note(s):

1. Bluetooth and Wi-Fi Aux cannot simultaneously transmit
2. Values shaded green are estimated SAR

Conclusion:

Simultaneous transmission SAR measurement (Volume Scan) is not required because the either sum of the 1-g SAR is < 1.6 W/kg or the SPLSR is < 0.04 for all circumstances that require SPLSR calculation.

14.7.10.Sum of the SAR for W-CDMA Bands V and IV & Wi-Fi 5.3 GHz Band

Test Position	Data					Σ 1-g SAR (mW/g)
	WCDMA V	WCDMA IV	WiFi 5.3 GHz Main	WiFi 5.3 GHz Aux	Bluetooth	
Rear, Wi-Fi 1 Tx 0mm → w/WWAN Power reduction	0.453		0.109		0.023	0.585
		0.178	0.109		0.023	0.310
	0.453			0.115		0.568
		0.178		0.115		0.293
Rear, Wi-Fi 1 Tx 13mm → w/WWAN Full power	0.217		0.109		0.023	0.349
		0.157	0.109		0.023	0.289
	0.217			0.115		0.332
		0.157		0.115		0.272
Rear, Wi-Fi 2 Tx 0mm → w/WWAN Power reduction	0.453		0.109	0.115		0.677
		0.178	0.109	0.115		0.402
Rear, Wi-Fi 2 Tx 13mm → w/WWAN Full power	0.217		0.109	0.115		0.441
		0.157	0.109	0.115		0.381
Edge 1, Wi-Fi 1 Tx 0mm → w/WWAN Power reduction	1.184		0.000		0.006	1.190
		1.108	0.000		0.006	1.114
	1.184			0.006		1.190
		1.108		0.006		1.114
Edge 1, Wi-Fi 1 Tx 21mm → w/WWAN Full power	0.151		0.000		0.006	0.157
		0.299	0.000		0.006	0.305
	0.151			0.006		0.157
		0.299		0.006		0.305
Edge 1, Wi-Fi 2 Tx 0mm → w/WWAN Power reduction	1.184		0.000	0.006		1.190
		1.108	0.000	0.006		1.114
Edge 1, Wi-Fi 2 Tx 21mm → w/WWAN Full power	0.151		0.000	0.006		0.157
		0.299	0.000	0.006		0.305

Test Position	Data					Σ 1-g SAR (mW/g)
	WCDMA V	WCDMA IV	WiFi 5.3 GHz Main	WiFi 5.3 GHz Aux	Bluetooth	
Edge 3, Wi-Fi 1 Tx	0.400		0.434		0.400	1.234
		0.400	0.434		0.400	1.234
	0.400			0.400		0.800
		0.400		0.400		0.800
Edge 3, Wi-Fi 2 Tx	0.400		0.434	0.400		1.234
		0.400	0.434	0.400		1.234
Edge 4, Wi-Fi 1 Tx	0.057		0.048		0.081	0.186
		0.174	0.048		0.081	0.303
	0.057			0.354		0.411
		0.174		0.354		0.528
Edge 4, Wi-Fi 2 Tx	0.057		0.048	0.354		0.459
		0.174	0.048	0.354		0.576

Note(s):

1. Bluetooth and Wi-Fi Aux cannot simultaneously transmit
2. Values shaded green are estimated SAR

Conclusion:

Simultaneous transmission SAR measurement (Volume Scan) is not required because the either sum of the 1-g SAR is < 1.6 W/kg or the SPLSR is < 0.04 for all circumstances that require SPLSR calculation.

14.7.11.Sum of the SAR for W-CDMA Band II & Wi-Fi 5.3 GHz Band

Test Position	Data				Σ 1-g SAR (mW/g)
	WCDMA II	WiFi 5.3 GHz Main	WiFi 5.3 GHz Aux	Bluetooth	
Rear, Wi-Fi 1 Tx 0mm → w/WWAN Power reduction	0.277	0.109		0.023	0.409
	0.277		0.115		0.392
Rear, Wi-Fi 1 Tx 13mm → w/WWAN Full power	0.152	0.109		0.023	0.284
	0.152		0.115		0.267
Rear, Wi-Fi 2 Tx 0mm → w/WWAN Power reduction	0.277	0.109	0.115		0.501
Rear, Wi-Fi 2 Tx 13mm → w/WWAN Full power	0.152	0.109	0.115		0.376
Edge 1, Wi-Fi 1 Tx 0mm → w/WWAN Power reduction	1.098	0.000		0.006	1.104
	1.098		0.006		1.104
Edge 1, Wi-Fi 1 Tx 21mm → w/WWAN Full power	0.243	0.000		0.006	0.249
	0.243		0.006		0.249
Edge 1, Wi-Fi 2 Tx 0mm → w/WWAN Power reduction	1.098	0.000	0.006		1.104
Edge 1, Wi-Fi 2 Tx 21mm → w/WWAN Full power	0.243	0.000	0.006		0.249
Edge 3, Wi-Fi 1 Tx	0.400	0.434		0.400	1.234
Edge 3, Wi-Fi 2 Tx	0.400	0.434	0.400		0.800
Edge 4, Wi-Fi 1 Tx	0.077	0.048	0.354	0.081	0.206
Edge 4, Wi-Fi 2 Tx	0.077	0.048	0.354		0.431

Note(s):

1. Bluetooth and Wi-Fi Aux cannot simultaneously transmit
2. Values shaded green are estimated SAR

Conclusion:

Simultaneous transmission SAR measurement (Volume Scan) is not required because the either sum of the 1-g SAR is < 1.6 W/kg or the SPLSR is < 0.04 for all circumstances that require SPLSR calculation.

14.7.12.Sum of the SAR for CDMA BC0 & Wi-Fi 5.3GHz Band

Test Position	Data					Σ 1-g SAR (mW/g)
	1xRTT	EVDO	WiFi 5.3 GHz Main	WiFi 5.3 GHz Aux	Bluetooth	
Rear, Wi-Fi 1 Tx 0mm → w/WWAN Power reduction	0.717		0.109		0.023	0.849
		0.671	0.109		0.023	0.803
	0.717			0.115		0.832
		0.671		0.115		0.786
Rear, Wi-Fi 1 Tx 13mm → w/WWAN Full power	0.484		0.109		0.023	0.616
		0.472	0.109		0.023	0.604
	0.484			0.115		0.599
		0.472		0.115		0.587
Rear, Wi-Fi 2 Tx 0mm → w/WWAN Power reduction	0.717		0.109	0.115		0.941
		0.671	0.109	0.115		0.895
Rear, Wi-Fi 2 Tx 13mm → w/WWAN Full power	0.484		0.109	0.115		0.708
		0.472	0.109	0.115		0.696
Edge 1, Wi-Fi 1 Tx 0mm → w/WWAN Power reduction	1.116		0.000		0.006	1.122
		1.171	0.000		0.006	1.177
	1.116			0.006		1.122
		1.171		0.006		1.177
Edge 1, Wi-Fi 1 Tx 21mm → w/WWAN Full power	0.293		0.000		0.006	0.299
		0.291	0.000		0.006	0.297
	0.293			0.006		0.299
		0.291		0.006		0.297
Edge 1, Wi-Fi 2 Tx 0mm → w/WWAN Power reduction	1.116		0.000	0.006		1.122
		1.171	0.000	0.006		1.177
Edge 1, Wi-Fi 2 Tx 21mm → w/WWAN Full power	0.293		0.000	0.006		0.299
		0.291	0.000	0.006		0.297

Test Position	Data					Σ 1-g SAR (mW/g)
	1xRTT	EVDO	WiFi 5.3 GHz Main	WiFi 5.3 GHz Aux	Bluetooth	
Edge 3, Wi-Fi 1 Tx	0.400		0.434		0.400	1.234
		0.400	0.434		0.400	1.234
	0.400			0.400		0.800
		0.400		0.400		0.800
Edge 3, Wi-Fi 2 Tx	0.400		0.434	0.400		1.234
		0.400	0.434	0.400		1.234
Edge 4, Wi-Fi 1 Tx	0.121		0.048		0.081	0.250
		0.036	0.048		0.081	0.165
	0.121			0.354		0.475
		0.036		0.354		0.390
Edge 4, Wi-Fi 2 Tx	0.121		0.048	0.354		0.523
		0.036	0.048	0.354		0.438

Note(s):

1. Bluetooth and Wi-Fi Aux cannot simultaneously transmit
2. Values shaded green are estimated SAR

Conclusion:

Simultaneous transmission SAR measurement (Volume Scan) is not required because the either sum of the 1-g SAR is < 1.6 W/kg or the SPLSR is < 0.04 for all circumstances that require SPLSR calculation.

14.7.13.Sum of the SAR for CDMA BC1 & Wi-Fi5.3GHz Band

Test Position	Data					Σ 1-g SAR (mW/g)
	1xRTT	EVDO	WiFi 5.3 GHz Main	WiFi 5.3 GHz Aux	Bluetooth	
Rear, Wi-Fi 1 Tx 0mm → w/WWAN Power reduction	0.314		0.109		0.023	0.446
		0.318	0.109		0.023	0.450
	0.314			0.115		0.429
		0.318		0.115		0.433
Rear, Wi-Fi 1 Tx 13mm → w/WWAN Full power	0.363		0.109		0.023	0.495
		0.382	0.109		0.023	0.514
	0.363			0.115		0.478
		0.382		0.115		0.497
Rear, Wi-Fi 2 Tx 0mm → w/WWAN Power reduction	0.314		0.109	0.115		0.538
		0.318	0.109	0.115		0.542
Rear, Wi-Fi 2 Tx 13mm → w/WWAN Full power	0.363		0.109	0.115		0.587
		0.382	0.109	0.115		0.606
Edge 1, Wi-Fi 1 Tx 0mm → w/WWAN Power reduction	1.127		0.000		0.006	1.133
		1.175	0.000		0.006	1.181
	1.127			0.006		1.133
		1.175		0.006		1.181
Edge 1, Wi-Fi 1 Tx 21mm → w/WWAN Full power	0.542		0.000		0.006	0.548
		0.662	0.000		0.006	0.668
	0.542			0.006		0.548
		0.662		0.006		0.668
Edge 1, Wi-Fi 2 Tx 0mm → w/WWAN Power reduction	1.127		0.000	0.006		1.133
		1.175	0.000	0.006		1.181
Edge 1, Wi-Fi 2 Tx 21mm → w/WWAN Full power	0.542		0.000	0.006		0.548
		0.662	0.000	0.006		0.668

Test Position	Data					Σ 1-g SAR (mW/g)
	1xRTT	EVDO	WiFi 5.3 GHz Main	WiFi 5.3 GHz Aux	Bluetooth	
Edge 3, Wi-Fi 1 Tx	0.400		0.434		0.400	1.234
		0.400	0.434		0.400	1.234
	0.400			0.400		0.800
		0.400		0.400		0.800
Edge 3, Wi-Fi 2 Tx	0.400		0.434	0.400		1.234
		0.400	0.434	0.400		1.234
Edge 4, Wi-Fi 1 Tx	0.148		0.048		0.081	0.277
		0.141	0.048		0.081	0.270
	0.148			0.354		0.502
		0.141		0.354		0.495
Edge 4, Wi-Fi 2 Tx	0.148		0.048	0.354		0.550
		0.141	0.048	0.354		0.543

Note(s):

1. Bluetooth and Wi-Fi Aux cannot simultaneously transmit
2. Values shaded green are estimated SAR

Conclusion:

Simultaneous transmission SAR measurement (Volume Scan) is not required because the either sum of the 1-g SAR is < 1.6 W/kg or the SPLSR is < 0.04 for all circumstances that require SPLSR calculation.

14.7.14.Sum of the SAR for LTE Bands 2 and 4 & Wi-Fi 5.3 GHz Band

Test Position	Data					Σ 1-g SAR (mW/g)
	LTE Band 2	LTE Band 4	WiFi 5.3 GHz Main	WiFi 5.3 GHz Aux	Bluetooth	
Rear, Wi-Fi 1 Tx 0mm → w/WWAN Power reduction	0.262		0.109		0.023	0.394
		0.165	0.109		0.023	0.297
	0.262			0.115		0.377
		0.165		0.115		0.280
Rear, Wi-Fi 1 Tx 13mm → w/WWAN Full power	0.214		0.109		0.023	0.346
		0.261	0.109		0.023	0.393
	0.214			0.115		0.329
		0.261		0.115		0.376
Rear, Wi-Fi 2 Tx 0mm → w/WWAN Power reduction	0.262		0.109	0.115		0.486
		0.165	0.109	0.115		0.389
Rear, Wi-Fi 2 Tx 13mm → w/WWAN Full power	0.214		0.109	0.115		0.438
		0.261	0.109	0.115		0.485
Edge 1, Wi-Fi 1 Tx 0mm → w/WWAN Power reduction	1.046		0.000		0.006	1.052
		1.038	0.000		0.006	1.044
	1.046			0.006		1.052
		1.038		0.006		1.044
Edge 1, Wi-Fi 1 Tx 21mm → w/WWAN Full power	0.433		0.000		0.006	0.439
		0.409	0.000		0.006	0.415
	0.433			0.006		0.439
		0.409		0.006		0.415
Edge 1, Wi-Fi 2 Tx 0mm → w/WWAN Power reduction	1.046		0.000	0.006		1.052
		1.038	0.000	0.006		1.044
Edge 1, Wi-Fi 2 Tx 21mm → w/WWAN Full power	0.433		0.000	0.006		0.439
		0.409	0.000	0.006		0.415

Test Position	Data					Σ 1-g SAR (mW/g)
	LTE Band 2	LTE Band 4	WiFi 5.3 GHz Main	WiFi 5.3 GHz Aux	Bluetooth	
Edge 3, Wi-Fi 1 Tx	0.400		0.434		0.400	1.234
		0.400	0.434		0.400	1.234
	0.400			0.400		0.800
		0.400		0.400		0.800
Edge 3, Wi-Fi 2 Tx	0.400		0.434	0.400		1.234
		0.400	0.434	0.400		1.234
Edge 4, Wi-Fi 1 Tx	0.356		0.048		0.081	0.485
		0.199	0.048		0.081	0.328
	0.356			0.354		0.710
		0.199		0.354		0.553
Edge 4, Wi-Fi 2 Tx	0.356		0.048	0.354		0.758
		0.199	0.048	0.354		0.601

Note(s):

1. Bluetooth and Wi-Fi Aux cannot simultaneously transmit
2. Values shaded green are estimated SAR

Conclusion:

Simultaneous transmission SAR measurement (Volume Scan) is not required because the either sum of the 1-g SAR is < 1.6 W/kg or the SPLSR is < 0.04 for all circumstances that require SPLSR calculation.

14.7.15.Sum of the SAR for LTE Bands 5 and 13 & Wi-Fi 5.3 GHz Band

Test Position	Data					Σ 1-g SAR (mW/g)
	LTE Band 5	LTE Band 13	WiFi 5.3 GHz Main	WiFi 5.3 GHz Aux	Bluetooth	
Rear, Wi-Fi 1 Tx 0mm → w/WWAN Power reduction	0.744		0.109		0.023	0.876
		0.746	0.109		0.023	0.878
	0.744			0.115		0.859
		0.746		0.115		0.861
Rear, Wi-Fi 1 Tx 13mm → w/WWAN Full power	0.359		0.109		0.023	0.491
		0.359	0.109		0.023	0.491
	0.359			0.115		0.474
		0.359		0.115		0.474
Rear, Wi-Fi 2 Tx 0mm → w/WWAN Power reduction	0.744		0.109	0.115		0.968
		0.746	0.109	0.115		0.970
Rear, Wi-Fi 2 Tx 13mm → w/WWAN Full power	0.359		0.109	0.115		0.583
		0.359	0.109	0.115		0.583
Edge 1, Wi-Fi 1 Tx 0mm → w/WWAN Power reduction	1.159		0.000		0.006	1.165
		1.124	0.000		0.006	1.130
	1.159			0.006		1.165
		1.124		0.006		1.130
Edge 1, Wi-Fi 1 Tx 21mm(LTE Band 5), 20mm(LTE Band 13) → w/WWAN Full power	0.284		0.000		0.006	0.290
		0.244	0.000		0.006	0.250
	0.284			0.006		0.290
		0.244		0.006		0.250
Edge 1, Wi-Fi 2 Tx 0mm → w/WWAN Power reduction	1.159		0.000	0.006		1.165
		1.124	0.000	0.006		1.130
Edge 1, Wi-Fi 2 Tx 21mm(LTE Band 5), 20mm(LTE Band 13) → w/WWAN Full power	0.284		0.000	0.006		0.290
		0.244	0.000	0.006		0.250

Test Position	Data					Σ 1-g SAR (mW/g)
	LTE Band 5	LTE Band 13	WiFi 5.3 GHz Main	WiFi 5.3 GHz Aux	Bluetooth	
Edge 3, Wi-Fi 1 Tx	0.400		0.434		0.400	1.234
		0.400	0.434		0.400	1.234
	0.400			0.400		0.800
		0.400		0.400		0.800
Edge 3, Wi-Fi 2 Tx	0.400		0.434	0.400		1.234
		0.400	0.434	0.400		1.234
Edge 4, Wi-Fi 1 Tx	0.123		0.048		0.081	0.252
		0.134	0.048		0.081	0.263
	0.123			0.354		0.477
		0.134		0.354		0.488
Edge 4, Wi-Fi 2 Tx	0.123		0.048	0.354		0.525
		0.134	0.048	0.354		0.536

Note(s):

1. Bluetooth and Wi-Fi Aux cannot simultaneously transmit
2. Values shaded green are estimated SAR

Conclusion:

Simultaneous transmission SAR measurement (Volume Scan) is not required because the either sum of the 1-g SAR is < 1.6 W/kg or the SPLSR is < 0.04 for all circumstances that require SPLSR calculation.

14.7.16.Sum of the SAR for LTE Bands 17 and 25 & Wi-Fi 5.3 GHz Band

Test Position	Data					Σ 1-g SAR (mW/g)
	LTE Band 17	LTE Band 25	WiFi 5.3 GHz Main	WiFi 5.3 GHz Aux	Bluetooth	
Rear, Wi-Fi 1 Tx 0mm → w/WWAN Power reduction	0.469		0.109		0.023	0.601
		0.289	0.109		0.023	0.421
	0.469			0.115		0.584
		0.289		0.115		0.404
Rear, Wi-Fi 1 Tx 13mm → w/WWAN Full power	0.139		0.109		0.023	0.271
		0.304	0.109		0.023	0.436
	0.139			0.115		0.254
		0.304		0.115		0.419
Rear, Wi-Fi 2 Tx 0mm → w/WWAN Power reduction	0.469		0.109	0.115		0.693
		0.289	0.109	0.115		0.513
Rear, Wi-Fi 2 Tx 13mm → w/WWAN Full power	0.139		0.109	0.115		0.363
		0.304	0.109	0.115		0.528
Edge 1, Wi-Fi 1 Tx 0mm → w/WWAN Power reduction	0.982		0.000		0.006	0.988
		1.027	0.000		0.006	1.033
	0.982			0.006		0.988
		1.027		0.006		1.033
Edge 1, Wi-Fi 1 Tx 21mm(LTE Band 25), 20mm(LTE Band 17) → w/WWAN Full power	0.126		0.000		0.006	0.132
		0.440	0.000		0.006	0.446
	0.126			0.006		0.132
		0.440		0.006		0.446
Edge 1, Wi-Fi 2 Tx 0mm → w/WWAN Power reduction	0.982		0.000	0.006		0.988
		1.027	0.000	0.006		1.033
Edge 1, Wi-Fi 2 Tx 21mm(LTE Band 25), 20mm(LTE Band 17) → w/WWAN Full power	0.126		0.000	0.006		0.132
		0.440	0.000	0.006		0.446

Test Position	Data					Σ 1-g SAR (mW/g)
	LTE Band 17	LTE Band 25	WiFi 5.3 GHz Main	WiFi 5.3 GHz Aux	Bluetooth	
Edge 3, Wi-Fi 1 Tx	0.400		0.434		0.400	1.234
		0.400	0.434		0.400	1.234
	0.400			0.400		0.800
		0.400		0.400		0.800
Edge 3, Wi-Fi 2 Tx	0.400		0.434	0.400		1.234
		0.400	0.434	0.400		1.234
Edge 4, Wi-Fi 1 Tx	0.106		0.048		0.081	0.235
		0.286	0.048		0.081	0.415
	0.106			0.354		0.460
		0.286		0.354		0.640
Edge 4, Wi-Fi 2 Tx	0.106		0.048	0.354		0.508
		0.286	0.048	0.354		0.688

Note(s):

1. Bluetooth and Wi-Fi Aux cannot simultaneously transmit
2. Values shaded green are estimated SAR

Conclusion:

Simultaneous transmission SAR measurement (Volume Scan) is not required because the either sum of the 1-g SAR is < 1.6 W/kg or the SPLSR is < 0.04 for all circumstances that require SPLSR calculation.

14.7.17.Sum of the SAR for GSM & Wi-Fi 5.5 GHz Band

Test Position	Data					Σ 1-g SAR (mW/g)
	GSM850	GSM1900	WiFi 5.5 GHz Main	WiFi 5.5 GHz Aux	Bluetooth	
Rear, Wi-Fi 1 Tx 0mm → w/WWAN Power reduction	0.643		0.132		0.023	0.798
		0.205	0.132		0.023	0.360
	0.643			0.156		0.799
		0.205		0.156		0.361
Rear, Wi-Fi 1 Tx 13mm → w/WWAN Full power	0.670		0.132		0.023	0.825
		0.256	0.132		0.023	0.411
	0.670			0.156		0.826
		0.256		0.156		0.412
Rear, Wi-Fi 2 Tx 0mm → w/WWAN Power reduction	0.643		0.132	0.156		0.931
		0.205	0.132	0.156		0.493
Rear, Wi-Fi 2 Tx 13mm → w/WWAN Full power	0.670		0.132	0.156		0.958
		0.256	0.132	0.156		0.544
Edge 1, Wi-Fi 1 Tx 0mm → w/WWAN Power reduction	1.193		0.000		0.006	1.199
		1.059	0.000		0.006	1.065
	1.193			0.020		1.213
		1.059		0.020		1.079
Edge 1, Wi-Fi 1 Tx 21mm → w/WWAN Full power	0.481		0.000		0.006	0.487
		0.456	0.000		0.006	0.462
	0.481			0.020		0.501
		0.456		0.020		0.476
Edge 1, Wi-Fi 2 Tx 0mm → w/WWAN Power reduction	1.193		0.000	0.020		1.213
		1.059	0.000	0.020		1.079
Edge 1, Wi-Fi 2 Tx 21mm → w/WWAN Full power	0.481		0.000	0.020		0.501
		0.456	0.000	0.020		0.476

Test Position	Data					Σ 1-g SAR (mW/g)
	GSM850	GSM1900	WiFi 5.5 GHz Main	WiFi 5.5 GHz Aux	Bluetooth	
Edge 3, Wi-Fi 1 Tx	0.027		0.368		0.400	0.795
		0.400	0.368		0.400	1.168
	0.027			0.400		0.427
		0.400		0.400		0.800
Edge 3, Wi-Fi 2 Tx	0.027		0.368	0.400		0.795
		0.400	0.368	0.400		1.168
Edge 4, Wi-Fi 1 Tx	0.197		0.036		0.081	0.314
		0.388	0.036		0.081	0.505
	0.197			0.435		0.632
		0.388		0.435		0.823
Edge 4, Wi-Fi 2 Tx	0.197		0.036	0.435		0.668
		0.388	0.036	0.435		0.859

Note(s):

1. Bluetooth and Wi-Fi Aux cannot simultaneously transmit
2. Values shaded green are estimated SAR

Conclusion:

Simultaneous transmission SAR measurement (Volume Scan) is not required because the either sum of the 1-g SAR is < 1.6 W/kg or the SPLSR is < 0.04 for all circumstances that require SPLSR calculation.

14.7.18.Sum of the SAR for W-CDMA Bands V and IV & Wi-Fi 5.5 GHz Band

Test Position	Data					Σ 1-g SAR (mW/g)
	WCDMA V	WCDMA IV	WiFi 5.5 GHz Main	WiFi 5.5 GHz Aux	Bluetooth	
Rear, Wi-Fi 1 Tx 0mm → w/WWAN Power reduction	0.453		0.132		0.023	0.608
		0.178	0.132		0.023	0.333
	0.453			0.156		0.609
		0.178		0.156		0.334
Rear, Wi-Fi 1 Tx 13mm → w/WWAN Full power	0.217		0.132		0.023	0.372
		0.157	0.132		0.023	0.312
	0.217			0.156		0.373
		0.157		0.156		0.313
Rear, Wi-Fi 2 Tx 0mm → w/WWAN Power reduction	0.453		0.132	0.156		0.741
		0.178	0.132	0.156		0.466
Rear, Wi-Fi 2 Tx 13mm → w/WWAN Full power	0.217		0.132	0.156		0.505
		0.157	0.132	0.156		0.445
Edge 1, Wi-Fi 1 Tx 0mm → w/WWAN Power reduction	1.184		0.000		0.006	1.190
		1.108	0.000		0.006	1.114
	1.184			0.020		1.204
		1.108		0.020		1.128
Edge 1, Wi-Fi 1 Tx 21mm → w/WWAN Full power	0.151		0.000		0.006	0.157
		0.299	0.000		0.006	0.305
	0.151			0.020		0.171
		0.299		0.020		0.319
Edge 1, Wi-Fi 2 Tx 0mm → w/WWAN Power reduction	1.184		0.000	0.020		1.204
		1.108	0.000	0.020		1.128
Edge 1, Wi-Fi 2 Tx 21mm → w/WWAN Full power	0.151		0.000	0.020		0.171
		0.299	0.000	0.020		0.319

Test Position	Data					Σ 1-g SAR (mW/g)
	WCDMA V	WCDMA IV	WiFi 5.5 GHz Main	WiFi 5.5 GHz Aux	Bluetooth	
Edge 3, Wi-Fi 1 Tx	0.400		0.368		0.400	1.168
		0.400	0.368		0.400	1.168
	0.400			0.400		0.800
		0.400		0.400		0.800
Edge 3, Wi-Fi 2 Tx	0.400		0.368	0.400		1.168
		0.400	0.368	0.400		1.168
Edge 4, Wi-Fi 1 Tx	0.057		0.036		0.081	0.174
		0.174	0.036		0.081	0.291
	0.057			0.435		0.492
		0.174		0.435		0.609
Edge 4, Wi-Fi 2 Tx	0.057		0.036	0.435		0.528
		0.174	0.036	0.435		0.645

Note(s):

1. Bluetooth and Wi-Fi Aux cannot simultaneously transmit
2. Values shaded green are estimated SAR

Conclusion:

Simultaneous transmission SAR measurement (Volume Scan) is not required because the either sum of the 1-g SAR is < 1.6 W/kg or the SPLSR is < 0.04 for all circumstances that require SPLSR calculation.

14.7.19.Sum of the SAR for W-CDMA Band II & Wi-Fi 5.5 GHz Band

Test Position	Data				Σ 1-g SAR (mW/g)
	WCDMA II	WiFi 5.5 GHz Main	WiFi 5.5 GHz Aux	Bluetooth	
Rear, Wi-Fi 1 Tx 0mm → w/WWAN Power reduction	0.277	0.132		0.023	0.432
	0.277		0.156		0.433
Rear, Wi-Fi 1 Tx 13mm → w/WWAN Full power	0.152	0.132		0.023	0.307
	0.152		0.156		0.308
Rear, Wi-Fi 2 Tx 0mm → w/WWAN Power reduction	0.277	0.132	0.156		0.565
Rear, Wi-Fi 2 Tx 13mm → w/WWAN Full power	0.152	0.132	0.156		0.440
Edge 1, Wi-Fi 1 Tx 0mm → w/WWAN Power reduction	1.098	0.000		0.006	1.104
	1.098		0.020		1.118
Edge 1, Wi-Fi 1 Tx 21mm → w/WWAN Full power	0.243	0.000		0.006	0.249
	0.243		0.020		0.263
Edge 1, Wi-Fi 2 Tx 0mm → w/WWAN Power reduction	1.098	0.000	0.020		1.118
Edge 1, Wi-Fi 2 Tx 21mm → w/WWAN Full power	0.243	0.000	0.020		0.263
Edge 3, Wi-Fi 1 Tx	0.400	0.368		0.400	1.168
	0.400		0.400		0.800
Edge 3, Wi-Fi 2 Tx	0.400	0.368	0.400		1.168
Edge 4, Wi-Fi 1 Tx	0.077	0.036		0.081	0.194
	0.077		0.435		0.512
Edge 4, Wi-Fi 2 Tx	0.077	0.036	0.435		0.548

Note(s):

1. Bluetooth and Wi-Fi Aux cannot simultaneously transmit
2. Values shaded green are estimated SAR

Conclusion:

Simultaneous transmission SAR measurement (Volume Scan) is not required because the either sum of the 1-g SAR is < 1.6 W/kg or the SPLSR is < 0.04 for all circumstances that require SPLSR calculation.

14.7.20.Sum of the SAR for CDMA BC0 & Wi-Fi 5.5GHz Band

Test Position	Data					Σ 1-g SAR (mW/g)
	1xRTT	EVDO	WiFi 5.5 GHz Main	WiFi 5.5 GHz Aux	Bluetooth	
Rear, Wi-Fi 1 Tx 0mm → w/WWAN Power reduction	0.717		0.132		0.023	0.872
		0.671	0.132		0.023	0.826
	0.717			0.156		0.873
		0.671		0.156		0.827
Rear, Wi-Fi 1 Tx 13mm → w/WWAN Full power	0.484		0.132		0.023	0.639
		0.472	0.132		0.023	0.627
	0.484			0.156		0.640
		0.472		0.156		0.628
Rear, Wi-Fi 2 Tx 0mm → w/WWAN Power reduction	0.717		0.132	0.156		1.005
		0.671	0.132	0.156		0.959
Rear, Wi-Fi 2 Tx 13mm → w/WWAN Full power	0.484		0.132	0.156		0.772
		0.472	0.132	0.156		0.760
Edge 1, Wi-Fi 1 Tx 0mm → w/WWAN Power reduction	1.116		0.000		0.006	1.122
		1.171	0.000		0.006	1.177
	1.116			0.020		1.136
		1.171		0.020		1.191
Edge 1, Wi-Fi 1 Tx 21mm → w/WWAN Full power	0.293		0.000		0.006	0.299
		0.291	0.000		0.006	0.297
	0.293			0.020		0.313
		0.291		0.020		0.311
Edge 1, Wi-Fi 2 Tx 0mm → w/WWAN Power reduction	1.116		0.000	0.020		1.136
		1.171	0.000	0.020		1.191
Edge 1, Wi-Fi 2 Tx 21mm → w/WWAN Full power	0.293		0.000	0.020		0.313
		0.291	0.000	0.020		0.311

Test Position	Data					Σ 1-g SAR (mW/g)
	1xRTT	EVDO	WiFi 5.5 GHz Main	WiFi 5.5 GHz Aux	Bluetooth	
Edge 3, Wi-Fi 1 Tx	0.400		0.368		0.400	1.168
		0.400	0.368		0.400	1.168
	0.400			0.400		0.800
		0.400		0.400		0.800
Edge 3, Wi-Fi 2 Tx	0.400		0.368	0.400		1.168
		0.400	0.368	0.400		1.168
Edge 4, Wi-Fi 1 Tx	0.121		0.036		0.081	0.238
		0.036	0.036		0.081	0.153
	0.121			0.435		0.556
		0.036		0.435		0.471
Edge 4, Wi-Fi 2 Tx	0.121		0.036	0.435		0.592
		0.036	0.036	0.435		0.507

Note(s):

1. Bluetooth and Wi-Fi Aux cannot simultaneously transmit
2. Values shaded green are estimated SAR

Conclusion:

Simultaneous transmission SAR measurement (Volume Scan) is not required because the either sum of the 1-g SAR is < 1.6 W/kg or the SPLSR is < 0.04 for all circumstances that require SPLSR calculation.

14.7.21.Sum of the SAR for CDMA BC1 & Wi-Fi5.5GHz Band

Test Position	Data					Σ 1-g SAR (mW/g)
	1xRTT	EVDO	WiFi 5.5 GHz Main	WiFi 5.5 GHz Aux	Bluetooth	
Rear, Wi-Fi 1 Tx 0mm → w/WWAN Power reduction	0.314		0.132		0.023	0.469
		0.318	0.132		0.023	0.473
	0.314			0.156		0.470
		0.318		0.156		0.474
Rear, Wi-Fi 1 Tx 13mm → w/WWAN Full power	0.363		0.132		0.023	0.518
		0.382	0.132		0.023	0.537
	0.363			0.156		0.519
		0.382		0.156		0.538
Rear, Wi-Fi 2 Tx 0mm → w/WWAN Power reduction	0.314		0.132	0.156		0.602
		0.318	0.132	0.156		0.606
Rear, Wi-Fi 2 Tx 13mm → w/WWAN Full power	0.363		0.132	0.156		0.651
		0.382	0.132	0.156		0.670
Edge 1, Wi-Fi 1 Tx 0mm → w/WWAN Power reduction	1.127		0.000		0.006	1.133
		1.175	0.000		0.006	1.181
	1.127			0.020		1.147
		1.175		0.020		1.195
Edge 1, Wi-Fi 1 Tx 21mm → w/WWAN Full power	0.542		0.000		0.006	0.548
		0.662	0.000		0.006	0.668
	0.542			0.020		0.562
		0.662		0.020		0.682
Edge 1, Wi-Fi 2 Tx 0mm → w/WWAN Power reduction	1.127		0.000	0.020		1.147
		1.175	0.000	0.020		1.195
Edge 1, Wi-Fi 2 Tx 21mm → w/WWAN Full power	0.542		0.000	0.020		0.562
		0.662	0.000	0.020		0.682

Test Position	Data					Σ 1-g SAR (mW/g)
	1xRTT	EVDO	WiFi 5.5 GHz Main	WiFi 5.5 GHz Aux	Bluetooth	
Edge 3, Wi-Fi 1 Tx	0.400		0.368		0.400	1.168
		0.400	0.368		0.400	1.168
	0.400			0.400		0.800
		0.400		0.400		0.800
Edge 3, Wi-Fi 2 Tx	0.400		0.368	0.400		1.168
		0.400	0.368	0.400		1.168
Edge 4, Wi-Fi 1 Tx	0.148		0.036		0.081	0.265
		0.141	0.036		0.081	0.258
	0.148			0.435		0.583
		0.141		0.435		0.576
Edge 4, Wi-Fi 2 Tx	0.148		0.036	0.435		0.619
		0.141	0.036	0.435		0.612

Note(s):

1. Bluetooth and Wi-Fi Aux cannot simultaneously transmit
2. Values shaded green are estimated SAR

Conclusion:

Simultaneous transmission SAR measurement (Volume Scan) is not required because the either sum of the 1-g SAR is < 1.6 W/kg or the SPLSR is < 0.04 for all circumstances that require SPLSR calculation.

14.7.22.Sum of the SAR for LTE Bands 2 and 4 & Wi-Fi 5.5 GHz Band

Test Position	Data					Σ 1-g SAR (mW/g)
	LTE Band 2	LTE Band 4	WiFi 5.5 GHz Main	WiFi 5.5 GHz Aux	Bluetooth	
Rear, Wi-Fi 1 Tx 0mm → w/WWAN Power reduction	0.262		0.132		0.023	0.417
		0.165	0.132		0.023	0.320
	0.262			0.156		0.418
		0.165		0.156		0.321
Rear, Wi-Fi 1 Tx 13mm → w/WWAN Full power	0.214		0.132		0.023	0.369
		0.261	0.132		0.023	0.416
	0.214			0.156		0.370
		0.261		0.156		0.417
Rear, Wi-Fi 2 Tx 0mm → w/WWAN Power reduction	0.262		0.132	0.156		0.550
		0.165	0.132	0.156		0.453
Rear, Wi-Fi 2 Tx 13mm → w/WWAN Full power	0.214		0.132	0.156		0.502
		0.261	0.132	0.156		0.549
Edge 1, Wi-Fi 1 Tx 0mm → w/WWAN Power reduction	1.046		0.000		0.006	1.052
		1.038	0.000		0.006	1.044
	1.046			0.020		1.066
		1.038		0.020		1.058
Edge 1, Wi-Fi 1 Tx 21mm → w/WWAN Full power	0.433		0.000		0.006	0.439
		0.409	0.000		0.006	0.415
	0.433			0.020		0.453
		0.409		0.020		0.429
Edge 1, Wi-Fi 2 Tx 0mm → w/WWAN Power reduction	1.046		0.000	0.020		1.066
		1.038	0.000	0.020		1.058
Edge 1, Wi-Fi 2 Tx 21mm → w/WWAN Full power	0.433		0.000	0.020		0.453
		0.409	0.000	0.020		0.429

Test Position	Data					Σ 1-g SAR (mW/g)
	LTE Band 2	LTE Band 4	WiFi 5.5 GHz Main	WiFi 5.5 GHz Aux	Bluetooth	
Edge 3, Wi-Fi 1 Tx	0.400		0.368		0.400	1.168
		0.400	0.368		0.400	1.168
	0.400			0.400		0.800
		0.400		0.400		0.800
Edge 3, Wi-Fi 2 Tx	0.400		0.368	0.400		1.168
		0.400	0.368	0.400		1.168
Edge 4, Wi-Fi 1 Tx	0.356		0.036		0.081	0.473
		0.199	0.036		0.081	0.316
	0.356			0.435		0.791
		0.199		0.435		0.634
Edge 4, Wi-Fi 2 Tx	0.356		0.036	0.435		0.827
		0.199	0.036	0.435		0.670

Note(s):

1. Bluetooth and Wi-Fi Aux cannot simultaneously transmit
2. Values shaded green are estimated SAR

Conclusion:

Simultaneous transmission SAR measurement (Volume Scan) is not required because the either sum of the 1-g SAR is < 1.6 W/kg or the SPLSR is < 0.04 for all circumstances that require SPLSR calculation.

14.7.23.Sum of the SAR for LTE Bands 5 and 13 & Wi-Fi 5.5 GHz Band

Test Position	Data					Σ 1-g SAR (mW/g)
	LTE Band 5	LTE Band 13	WiFi 5.5 GHz Main	WiFi 5.5 GHz Aux	Bluetooth	
Rear, Wi-Fi 1 Tx 0mm → w/WWAN Power reduction	0.744		0.132		0.023	0.899
		0.746	0.132		0.023	0.901
	0.744			0.156		0.900
		0.746		0.156		0.902
Rear, Wi-Fi 1 Tx 13mm → w/WWAN Full power	0.359		0.132		0.023	0.514
		0.359	0.132		0.023	0.514
	0.359			0.156		0.515
		0.359		0.156		0.515
Rear, Wi-Fi 2 Tx 0mm → w/WWAN Power reduction	0.744		0.132	0.156		1.032
		0.746	0.132	0.156		1.034
Rear, Wi-Fi 2 Tx 13mm → w/WWAN Full power	0.359		0.132	0.156		0.647
		0.359	0.132	0.156		0.647
Edge 1, Wi-Fi 1 Tx 0mm → w/WWAN Power reduction	1.159		0.000		0.006	1.165
		1.124	0.000		0.006	1.130
	1.159			0.020		1.179
		1.124		0.020		1.144
Edge 1, Wi-Fi 1 Tx 21mm(LTE Band 5), 20mm(LTE Band 13) → w/WWAN Full power	0.284		0.000		0.006	0.290
		0.244	0.000		0.006	0.250
	0.284			0.020		0.304
		0.244		0.020		0.264
Edge 1, Wi-Fi 2 Tx 0mm → w/WWAN Power reduction	1.159		0.000	0.020		1.179
		1.124	0.000	0.020		1.144
Edge 1, Wi-Fi 2 Tx 21mm(LTE Band 5), 20mm(LTE Band 13) → w/WWAN Full power	0.284		0.000	0.020		0.304
		0.244	0.000	0.020		0.264

Test Position	Data					Σ 1-g SAR (mW/g)
	LTE Band 5	LTE Band 13	WiFi 5.5 GHz Main	WiFi 5.5 GHz Aux	Bluetooth	
Edge 3, Wi-Fi 1 Tx	0.400		0.368		0.400	1.168
		0.400	0.368		0.400	1.168
	0.400			0.400		0.800
		0.400		0.400		0.800
Edge 3, Wi-Fi 2 Tx	0.400		0.368	0.400		1.168
		0.400	0.368	0.400		1.168
Edge 4, Wi-Fi 1 Tx	0.123		0.036		0.081	0.240
		0.134	0.036		0.081	0.251
	0.123			0.435		0.558
		0.134		0.435		0.569
Edge 4, Wi-Fi 2 Tx	0.123		0.036	0.435		0.594
		0.134	0.036	0.435		0.605

Note(s):

1. Bluetooth and Wi-Fi Aux cannot simultaneously transmit
2. Values shaded green are estimated SAR

Conclusion:

Simultaneous transmission SAR measurement (Volume Scan) is not required because the either sum of the 1-g SAR is < 1.6 W/kg or the SPLSR is < 0.04 for all circumstances that require SPLSR calculation.

14.7.24.Sum of the SAR for LTE Bands 17 and 25 & Wi-Fi 5.5 GHz Band

Test Position	Data					Σ 1-g SAR (mW/g)
	LTE Band 17	LTE Band 25	WiFi 5.5 GHz Main	WiFi 5.5 GHz Aux	Bluetooth	
Rear, Wi-Fi 1 Tx 0mm → w/WWAN Power reduction	0.469		0.132		0.023	0.624
		0.289	0.132		0.023	0.444
	0.469			0.156		0.625
		0.289		0.156		0.445
Rear, Wi-Fi 1 Tx 13mm → w/WWAN Full power	0.139		0.132		0.023	0.294
		0.304	0.132		0.023	0.459
	0.139			0.156		0.295
		0.304		0.156		0.460
Rear, Wi-Fi 2 Tx 0mm → w/WWAN Power reduction	0.469		0.132	0.156		0.757
		0.289	0.132	0.156		0.577
Rear, Wi-Fi 2 Tx 13mm → w/WWAN Full power	0.139		0.132	0.156		0.427
		0.304	0.132	0.156		0.592
Edge 1, Wi-Fi 1 Tx 0mm → w/WWAN Power reduction	0.982		0.000		0.006	0.988
		1.027	0.000		0.006	1.033
	0.982			0.020		1.002
		1.027		0.020		1.047
Edge 1, Wi-Fi 1 Tx 21mm(LTE Band 25), 20mm(LTE Band 17) → w/WWAN Full power	0.126		0.000		0.006	0.132
		0.440	0.000		0.006	0.446
	0.126			0.020		0.146
		0.440		0.020		0.460
Edge 1, Wi-Fi 2 Tx 0mm → w/WWAN Power reduction	0.982		0.000	0.020		1.002
		1.027	0.000	0.020		1.047
Edge 1, Wi-Fi 2 Tx 21mm(LTE Band 25), 20mm(LTE Band 17) → w/WWAN Full power	0.126		0.000	0.020		0.146
		0.440	0.000	0.020		0.460

Test Position	Data					Σ 1-g SAR (mW/g)
	LTE Band 17	LTE Band 25	WiFi 5.5 GHz Main	WiFi 5.5 GHz Aux	Bluetooth	
Edge 3, Wi-Fi 1 Tx	0.400		0.368		0.400	1.168
		0.400	0.368		0.400	1.168
	0.400			0.400		0.800
		0.400		0.400		0.800
Edge 3, Wi-Fi 2 Tx	0.400		0.368	0.400		1.168
		0.400	0.368	0.400		1.168
Edge 4, Wi-Fi 1 Tx	0.106		0.036		0.081	0.223
		0.286	0.036		0.081	0.403
	0.106			0.435		0.541
		0.286		0.435		0.721
Edge 4, Wi-Fi 2 Tx	0.106		0.036	0.435		0.577
		0.286	0.036	0.435		0.757

Note(s):

1. Bluetooth and Wi-Fi Aux cannot simultaneously transmit
2. Values shaded green are estimated SAR

Conclusion:

Simultaneous transmission SAR measurement (Volume Scan) is not required because the either sum of the 1-g SAR is < 1.6 W/kg or the SPLSR is < 0.04 for all circumstances that require SPLSR calculation.

14.7.25.Sum of the SAR for GSM & Wi-Fi 5.8 GHz Band

Test Position	Data					Σ 1-g SAR (mW/g)
	GSM850	GSM1900	WiFi 5.8 GHz Main	WiFi 5.8 GHz Aux	Bluetooth	
Rear, Wi-Fi 1 Tx 0mm → w/WWAN Power reduction	0.643		0.115		0.023	0.781
		0.205	0.115		0.023	0.343
	0.643			0.168		0.811
		0.205		0.168		0.373
Rear, Wi-Fi 1 Tx 13mm → w/WWAN Full power	0.670		0.115		0.023	0.808
		0.256	0.115		0.023	0.394
	0.670			0.168		0.838
		0.256		0.168		0.424
Rear, Wi-Fi 2 Tx 0mm → w/WWAN Power reduction	0.643		0.115	0.168		0.926
		0.205	0.115	0.168		0.488
Rear, Wi-Fi 2 Tx 13mm → w/WWAN Full power	0.670		0.115	0.168		0.953
		0.256	0.115	0.168		0.539
Edge 1, Wi-Fi 1 Tx 0mm → w/WWAN Power reduction	1.193		0.000		0.006	1.199
		1.059	0.000		0.006	1.065
	1.193			0.013		1.206
		1.059		0.013		1.072
Edge 1, Wi-Fi 1 Tx 21mm → w/WWAN Full power	0.481		0.000		0.006	0.487
		0.456	0.000		0.006	0.462
	0.481			0.013		0.494
		0.456		0.013		0.469
Edge 1, Wi-Fi 2 Tx 0mm → w/WWAN Power reduction	1.193		0.000	0.013		1.206
		1.059	0.000	0.013		1.072
Edge 1, Wi-Fi 2 Tx 21mm → w/WWAN Full power	0.481		0.000	0.013		0.494
		0.456	0.000	0.013		0.469

Test Position	Data					Σ 1-g SAR (mW/g)
	GSM850	GSM1900	WiFi 5.8 GHz Main	WiFi 5.8 GHz Aux	Bluetooth	
Edge 3, Wi-Fi 1 Tx	0.027		0.337		0.400	0.764
		0.400	0.337		0.400	1.137
	0.027			0.400		0.427
		0.400		0.400		0.800
Edge 3, Wi-Fi 2 Tx	0.027		0.337	0.400		0.764
		0.400	0.337	0.400		1.137
Edge 4, Wi-Fi 1 Tx	0.197		0.020		0.081	0.298
		0.388	0.020		0.081	0.489
	0.197			0.531		0.728
		0.388		0.531		0.919
Edge 4, Wi-Fi 2 Tx	0.197		0.020	0.531		0.748
		0.388	0.020	0.531		0.939

Note(s):

1. Bluetooth and Wi-Fi Aux cannot simultaneously transmit
2. Values shaded green are estimated SAR

Conclusion:

Simultaneous transmission SAR measurement (Volume Scan) is not required because the either sum of the 1-g SAR is < 1.6 W/kg or the SPLSR is < 0.04 for all circumstances that require SPLSR calculation.

14.7.26.Sum of the SAR for W-CDMA Bands V and IV & Wi-Fi 5.8 GHz Band

Test Position	Data					Σ 1-g SAR (mW/g)
	WCDMA V	WCDMA IV	WiFi 5.8 GHz Main	WiFi 5.8 GHz Aux	Bluetooth	
Rear, Wi-Fi 1 Tx 0mm → w/WWAN Power reduction	0.453		0.115		0.023	0.591
		0.178	0.115		0.023	0.316
	0.453			0.168		0.621
		0.178		0.168		0.346
Rear, Wi-Fi 1 Tx 13mm → w/WWAN Full power	0.217		0.115		0.023	0.355
		0.157	0.115		0.023	0.295
	0.217			0.168		0.385
		0.157		0.168		0.325
Rear, Wi-Fi 2 Tx 0mm → w/WWAN Power reduction	0.453		0.115	0.168		0.736
		0.178	0.115	0.168		0.461
Rear, Wi-Fi 2 Tx 13mm → w/WWAN Full power	0.217		0.115	0.168		0.500
		0.157	0.115	0.168		0.440
Edge 1, Wi-Fi 1 Tx 0mm → w/WWAN Power reduction	1.184		0.000		0.006	1.190
		1.108	0.000		0.006	1.114
	1.184			0.013		1.197
		1.108		0.013		1.121
Edge 1, Wi-Fi 1 Tx 21mm → w/WWAN Full power	0.151		0.000		0.006	0.157
		0.299	0.000		0.006	0.305
	0.151			0.013		0.164
		0.299		0.013		0.312
Edge 1, Wi-Fi 2 Tx 0mm → w/WWAN Power reduction	1.184		0.000	0.013		1.197
		1.108	0.000	0.013		1.121
Edge 1, Wi-Fi 2 Tx 21mm → w/WWAN Full power	0.151		0.000	0.013		0.164
		0.299	0.000	0.013		0.312

Test Position	Data					Σ 1-g SAR (mW/g)
	WCDMA V	WCDMA IV	WiFi 5.8 GHz Main	WiFi 5.8 GHz Aux	Bluetooth	
Edge 3, Wi-Fi 1 Tx	0.400		0.337		0.400	1.137
		0.400	0.337		0.400	1.137
	0.400			0.400		0.800
		0.400		0.400		0.800
Edge 3, Wi-Fi 2 Tx	0.400		0.337	0.400		1.137
		0.400	0.337	0.400		1.137
Edge 4, Wi-Fi 1 Tx	0.057		0.020		0.081	0.158
		0.174	0.020		0.081	0.275
	0.057			0.531		0.588
		0.174		0.531		0.705
Edge 4, Wi-Fi 2 Tx	0.057		0.020	0.531		0.608
		0.174	0.020	0.531		0.725

Note(s):

1. Bluetooth and Wi-Fi Aux cannot simultaneously transmit
2. Values shaded green are estimated SAR

Conclusion:

Simultaneous transmission SAR measurement (Volume Scan) is not required because the either sum of the 1-g SAR is < 1.6 W/kg or the SPLSR is < 0.04 for all circumstances that require SPLSR calculation.

14.7.27.Sum of the SAR for W-CDMA Band II & Wi-Fi 5.8 GHz Band

Test Position	Data				Σ 1-g SAR (mW/g)
	WCDMA II	WiFi 5.8 GHz Main	WiFi 5.8 GHz Aux	Bluetooth	
Rear, Wi-Fi 1 Tx 0mm → w/WWAN Power reduction	0.277	0.115		0.023	0.415
	0.277		0.168		0.445
Rear, Wi-Fi 1 Tx 13mm → w/WWAN Full power	0.152	0.115		0.023	0.290
	0.152		0.168		0.320
Rear, Wi-Fi 2 Tx 0mm → w/WWAN Power reduction	0.277	0.115	0.168		0.560
Rear, Wi-Fi 2 Tx 13mm → w/WWAN Full power	0.152	0.115	0.168		0.435
Edge 1, Wi-Fi 1 Tx 0mm → w/WWAN Power reduction	1.098	0.000		0.006	1.104
	1.098		0.013		1.111
Edge 1, Wi-Fi 1 Tx 21mm → w/WWAN Full power	0.243	0.000		0.006	0.249
	0.243		0.013		0.256
Edge 1, Wi-Fi 2 Tx 0mm → w/WWAN Power reduction	1.098	0.000	0.013		1.111
Edge 1, Wi-Fi 2 Tx 21mm → w/WWAN Full power	0.243	0.000	0.013		0.256
Edge 3, Wi-Fi 1 Tx	0.400	0.337		0.400	1.137
	0.400		0.400		0.800
Edge 3, Wi-Fi 2 Tx	0.400	0.337	0.400		1.137
Edge 4, Wi-Fi 1 Tx	0.077	0.020		0.081	0.178
	0.077		0.531		0.608
Edge 4, Wi-Fi 2 Tx	0.077	0.020	0.531		0.628

Note(s):

1. Bluetooth and Wi-Fi Aux cannot simultaneously transmit
2. Values shaded green are estimated SAR

Conclusion:

Simultaneous transmission SAR measurement (Volume Scan) is not required because the either sum of the 1-g SAR is < 1.6 W/kg or the SPLSR is < 0.04 for all circumstances that require SPLSR calculation.

14.7.28.Sum of the SAR for CDMA BC0 & Wi-Fi 5.8GHz Band

Test Position	Data					Σ 1-g SAR (mW/g)
	1xRTT	EVDO	WiFi 5.8 GHz Main	WiFi 5.8 GHz Aux	Bluetooth	
Rear, Wi-Fi 1 Tx 0mm → w/WWAN Power reduction	0.717		0.115		0.023	0.855
		0.671	0.115		0.023	0.809
	0.717			0.168		0.885
		0.671		0.168		0.839
Rear, Wi-Fi 1 Tx 13mm → w/WWAN Full power	0.484		0.115		0.023	0.622
		0.472	0.115		0.023	0.610
	0.484			0.168		0.652
		0.472		0.168		0.640
Rear, Wi-Fi 2 Tx 0mm → w/WWAN Power reduction	0.717		0.115	0.168		1.000
		0.671	0.115	0.168		0.954
Rear, Wi-Fi 2 Tx 13mm → w/WWAN Full power	0.484		0.115	0.168		0.767
		0.472	0.115	0.168		0.755
Edge 1, Wi-Fi 1 Tx 0mm → w/WWAN Power reduction	1.116		0.000		0.006	1.122
		1.171	0.000		0.006	1.177
	1.116			0.013		1.129
		1.171		0.013		1.184
Edge 1, Wi-Fi 1 Tx 21mm → w/WWAN Full power	0.293		0.000		0.006	0.299
		0.291	0.000		0.006	0.297
	0.293			0.013		0.306
		0.291		0.013		0.304
Edge 1, Wi-Fi 2 Tx 0mm → w/WWAN Power reduction	1.116		0.000	0.013		1.129
		1.171	0.000	0.013		1.184
Edge 1, Wi-Fi 2 Tx 21mm → w/WWAN Full power	0.293		0.000	0.013		0.306
		0.291	0.000	0.013		0.304

Test Position	Data					Σ 1-g SAR (mW/g)
	1xRTT	EVDO	WiFi 5.8 GHz Main	WiFi 5.8 GHz Aux	Bluetooth	
Edge 3, Wi-Fi 1 Tx	0.400		0.337		0.400	1.137
		0.400	0.337		0.400	1.137
	0.400			0.400		0.800
		0.400		0.400		0.800
Edge 3, Wi-Fi 2 Tx	0.400		0.337	0.400		1.137
		0.400	0.337	0.400		1.137
Edge 4, Wi-Fi 1 Tx	0.121		0.020		0.081	0.222
		0.036	0.020		0.081	0.137
	0.121			0.531		0.652
		0.036		0.531		0.567
Edge 4, Wi-Fi 2 Tx	0.121		0.020	0.531		0.672
		0.036	0.020	0.531		0.587

Note(s):

1. Bluetooth and Wi-Fi Aux cannot simultaneously transmit
2. Values shaded green are estimated SAR

Conclusion:

Simultaneous transmission SAR measurement (Volume Scan) is not required because the either sum of the 1-g SAR is < 1.6 W/kg or the SPLSR is < 0.04 for all circumstances that require SPLSR calculation.

14.7.29.Sum of the SAR for CDMA BC1 & Wi-Fi5.8GHz Band

Test Position	Data					Σ 1-g SAR (mW/g)
	1xRTT	EVDO	WiFi 5.8 GHz Main	WiFi 5.8 GHz Aux	Bluetooth	
Rear, Wi-Fi 1 Tx 0mm → w/WWAN Power reduction	0.314		0.115		0.023	0.452
		0.318	0.115		0.023	0.456
	0.314			0.168		0.482
		0.318		0.168		0.486
Rear, Wi-Fi 1 Tx 13mm → w/WWAN Full power	0.363		0.115		0.023	0.501
		0.382	0.115		0.023	0.520
	0.363			0.168		0.531
		0.382		0.168		0.550
Rear, Wi-Fi 2 Tx 0mm → w/WWAN Power reduction	0.314		0.115	0.168		0.597
		0.318	0.115	0.168		0.601
Rear, Wi-Fi 2 Tx 13mm → w/WWAN Full power	0.363		0.115	0.168		0.646
		0.382	0.115	0.168		0.665
Edge 1, Wi-Fi 1 Tx 0mm → w/WWAN Power reduction	1.127		0.000		0.006	1.133
		1.175	0.000		0.006	1.181
	1.127			0.013		1.140
		1.175		0.013		1.188
Edge 1, Wi-Fi 1 Tx 21mm → w/WWAN Full power	0.542		0.000		0.006	0.548
		0.662	0.000		0.006	0.668
	0.542			0.013		0.555
		0.662		0.013		0.675
Edge 1, Wi-Fi 2 Tx 0mm → w/WWAN Power reduction	1.127		0.000	0.013		1.140
		1.175	0.000	0.013		1.188
Edge 1, Wi-Fi 2 Tx 21mm → w/WWAN Full power	0.542		0.000	0.013		0.555
		0.662	0.000	0.013		0.675

Test Position	Data					Σ 1-g SAR (mW/g)
	1xRTT	EVDO	WiFi 5.8 GHz Main	WiFi 5.8 GHz Aux	Bluetooth	
Edge 3, Wi-Fi 1 Tx	0.400		0.337		0.400	1.137
		0.400	0.337		0.400	1.137
	0.400			0.400		0.800
		0.400		0.400		0.800
Edge 3, Wi-Fi 2 Tx	0.400		0.337	0.400		1.137
		0.400	0.337	0.400		1.137
Edge 4, Wi-Fi 1 Tx	0.148		0.020		0.081	0.249
		0.141	0.020		0.081	0.242
	0.148			0.531		0.679
		0.141		0.531		0.672
Edge 4, Wi-Fi 2 Tx	0.148		0.020	0.531		0.699
		0.141	0.020	0.531		0.692

Note(s):

1. Bluetooth and Wi-Fi Aux cannot simultaneously transmit
2. Values shaded green are estimated SAR

Conclusion:

Simultaneous transmission SAR measurement (Volume Scan) is not required because the either sum of the 1-g SAR is < 1.6 W/kg or the SPLSR is < 0.04 for all circumstances that require SPLSR calculation.

14.7.30.Sum of the SAR for LTE Bands 2 and 4 & Wi-Fi 5.8 GHz Band

Test Position	Data					Σ 1-g SAR (mW/g)
	LTE Band 2	LTE Band 4	WiFi 5.8 GHz Main	WiFi 5.8 GHz Aux	Bluetooth	
Rear, Wi-Fi 1 Tx 0mm → w/WWAN Power reduction	0.262		0.115		0.023	0.400
		0.165	0.115		0.023	0.303
	0.262			0.168		0.430
		0.165		0.168		0.333
Rear, Wi-Fi 1 Tx 13mm → w/WWAN Full power	0.214		0.115		0.023	0.352
		0.261	0.115		0.023	0.399
	0.214			0.168		0.382
		0.261		0.168		0.429
Rear, Wi-Fi 2 Tx 0mm → w/WWAN Power reduction	0.262		0.115	0.168		0.545
		0.165	0.115	0.168		0.448
Rear, Wi-Fi 2 Tx 13mm → w/WWAN Full power	0.214		0.115	0.168		0.497
		0.261	0.115	0.168		0.544
Edge 1, Wi-Fi 1 Tx 0mm → w/WWAN Power reduction	1.046		0.000		0.006	1.052
		1.038	0.000		0.006	1.044
	1.046			0.013		1.059
		1.038		0.013		1.051
Edge 1, Wi-Fi 1 Tx 21mm → w/WWAN Full power	0.433		0.000		0.006	0.439
		0.409	0.000		0.006	0.415
	0.433			0.013		0.446
		0.409		0.013		0.422
Edge 1, Wi-Fi 2 Tx 0mm → w/WWAN Power reduction	1.046		0.000	0.013		1.059
		1.038	0.000	0.013		1.051
Edge 1, Wi-Fi 2 Tx 21mm → w/WWAN Full power	0.433		0.000	0.013		0.446
		0.409	0.000	0.013		0.422

Test Position	Data					Σ 1-g SAR (mW/g)
	LTE Band 2	LTE Band 4	WiFi 5.8 GHz Main	WiFi 5.8 GHz Aux	Bluetooth	
Edge 3, Wi-Fi 1 Tx	0.400		0.337		0.400	1.137
		0.400	0.337		0.400	1.137
	0.400			0.400		0.800
		0.400		0.400		0.800
Edge 3, Wi-Fi 2 Tx	0.400		0.337	0.400		1.137
		0.400	0.337	0.400		1.137
Edge 4, Wi-Fi 1 Tx	0.356		0.020		0.081	0.457
		0.199	0.020		0.081	0.300
	0.356			0.531		0.887
		0.199		0.531		0.730
Edge 4, Wi-Fi 2 Tx	0.356		0.020	0.531		0.907
		0.199	0.020	0.531		0.750

Note(s):

1. Bluetooth and Wi-Fi Aux cannot simultaneously transmit
2. Values shaded green are estimated SAR

Conclusion:

Simultaneous transmission SAR measurement (Volume Scan) is not required because the either sum of the 1-g SAR is < 1.6 W/kg or the SPLSR is < 0.04 for all circumstances that require SPLSR calculation.

14.7.31.Sum of the SAR for LTE Bands 5 and 13 & Wi-Fi 5.8 GHz Band

Test Position	Data					Σ 1-g SAR (mW/g)
	TE Band 5	LTE Band 13	WiFi 5.8 GHz Main	WiFi 5.8 GHz Aux	Bluetooth	
Rear, Wi-Fi 1 Tx 0mm → w/WWAN Power reduction	0.744		0.115		0.023	0.882
		0.746	0.115		0.023	0.884
	0.744			0.168		0.912
		0.746		0.168		0.914
Rear, Wi-Fi 1 Tx 13mm → w/WWAN Full power	0.359		0.115		0.023	0.497
		0.359	0.115		0.023	0.497
	0.359			0.168		0.527
		0.359		0.168		0.527
Rear, Wi-Fi 2 Tx 0mm → w/WWAN Power reduction	0.744		0.115	0.168		1.027
		0.746	0.115	0.168		1.029
Rear, Wi-Fi 2 Tx 13mm → w/WWAN Full power	0.359		0.115	0.168		0.642
		0.359	0.115	0.168		0.642
Edge 1, Wi-Fi 1 Tx 0mm → w/WWAN Power reduction	1.159		0.000		0.006	1.165
		1.124	0.000		0.006	1.130
	1.159			0.013		1.172
		1.124		0.013		1.137
Edge 1, Wi-Fi 1 Tx 21mm(LTE Band 5), 20mm(LTE Band 13) → w/WWAN Full power	0.284		0.000		0.006	0.290
		0.244	0.000		0.006	0.250
	0.284			0.013		0.297
		0.244		0.013		0.257
Edge 1, Wi-Fi 2 Tx 0mm → w/WWAN Power reduction	1.159		0.000	0.013		1.172
		1.124	0.000	0.013		1.137
Edge 1, Wi-Fi 2 Tx 21mm(LTE Band 5), 20mm(LTE Band 13) → w/WWAN Full power	0.284		0.000	0.013		0.297
		0.244	0.000	0.013		0.257

Test Position	Data					Σ 1-g SAR (mW/g)
	LTE Band 5	LTE Band 13	WiFi 5.8 GHz Main	WiFi 5.8 GHz Aux	Bluetooth	
Edge 3, Wi-Fi 1 Tx	0.400		0.337		0.400	1.137
		0.400	0.337		0.400	1.137
	0.400			0.400		0.800
		0.400		0.400		0.800
Edge 3, Wi-Fi 2 Tx	0.400		0.337	0.400		1.137
		0.400	0.337	0.400		1.137
Edge 4, Wi-Fi 1 Tx	0.123		0.020		0.081	0.224
		0.134	0.020		0.081	0.235
	0.123			0.531		0.654
		0.134		0.531		0.665
Edge 4, Wi-Fi 2 Tx	0.123		0.020	0.531		0.674
		0.134	0.020	0.531		0.685

Note(s):

1. Bluetooth and Wi-Fi Aux cannot simultaneously transmit
2. Values shaded green are estimated SAR

Conclusion:

Simultaneous transmission SAR measurement (Volume Scan) is not required because the either sum of the 1-g SAR is < 1.6 W/kg or the SPLSR is < 0.04 for all circumstances that require SPLSR calculation.

14.7.32.Sum of the SAR for LTE Bands 17 and 25 & Wi-Fi 5.8 GHz Band

Test Position	Data					Σ 1-g SAR (mW/g)
	TE Band 17	LTE Band 25	WiFi 5.8 GHz Main	WiFi 5.8 GHz Aux	Bluetooth	
Rear, Wi-Fi 1 Tx 0mm → w/WWAN Power reduction	0.469		0.115		0.023	0.607
		0.289	0.115		0.023	0.427
	0.469			0.168		0.637
		0.289		0.168		0.457
Rear, Wi-Fi 1 Tx 13mm → w/WWAN Full power	0.139		0.115		0.023	0.277
		0.304	0.115		0.023	0.442
	0.139			0.168		0.307
		0.304		0.168		0.472
Rear, Wi-Fi 2 Tx 0mm → w/WWAN Power reduction	0.469		0.115	0.168		0.752
		0.289	0.115	0.168		0.572
Rear, Wi-Fi 2 Tx 13mm → w/WWAN Full power	0.139		0.115	0.168		0.422
		0.304	0.115	0.168		0.587
Edge 1, Wi-Fi 1 Tx 0mm → w/WWAN Power reduction	0.982		0.000		0.006	0.988
		1.027	0.000		0.006	1.033
	0.982			0.013		0.995
		1.027		0.013		1.040
Edge 1, Wi-Fi 1 Tx 21mm(LTE Band 25), 20mm(LTE Band 17) → w/WWAN Full power	0.126		0.000		0.006	0.132
		0.440	0.000		0.006	0.446
	0.126			0.013		0.139
		0.440		0.013		0.453
Edge 1, Wi-Fi 2 Tx 0mm → w/WWAN Power reduction	0.982		0.000	0.013		0.995
		1.027	0.000	0.013		1.040
Edge 1, Wi-Fi 2 Tx 21mm(LTE Band 25), 20mm(LTE Band 17) → w/WWAN Full power	0.126		0.000	0.013		0.139
		0.440	0.000	0.013		0.453

Test Position	Data					Σ 1-g SAR (mW/g)
	LTE Band 17	LTE Band 25	WiFi 5.8 GHz Main	WiFi 5.8 GHz Aux	Bluetooth	
Edge 3, Wi-Fi 1 Tx	0.400		0.337		0.400	1.137
		0.400	0.337		0.400	1.137
	0.400			0.400		0.800
		0.400		0.400		0.800
Edge 3, Wi-Fi 2 Tx	0.400		0.337	0.400		1.137
		0.400	0.337	0.400		1.137
Edge 4, Wi-Fi 1 Tx	0.106		0.020		0.081	0.207
		0.286	0.020		0.081	0.387
	0.106			0.531		0.637
		0.286		0.531		0.817
Edge 4, Wi-Fi 2 Tx	0.106		0.020	0.531		0.657
		0.286	0.020	0.531		0.837

Note(s):

1. Bluetooth and Wi-Fi Aux cannot simultaneously transmit
2. Values shaded green are estimated SAR

Conclusion:

Simultaneous transmission SAR measurement (Volume Scan) is not required because the either sum of the 1-g SAR is < 1.6 W/kg or the SPLSR is < 0.04 for all circumstances that require SPLSR calculation.

14.7.33.Sum of the SAR for CDMA BC10 & Wi-Fi 2.4 GHz Bands.

Test Position	Data					Σ 1-g SAR (mW/g)
	1xRTT	EVDO	WiFi 2.4 GHz Main	WiFi 2.4 GHz Aux	Bluetooth	
Rear, Wi-Fi 1 Tx 0mm → w/WWAN Power reduction	0.768		0.164		0.023	0.955
		0.775	0.164		0.023	0.962
	0.768			0.214		0.982
		0.775		0.214		0.989
Rear, Wi-Fi 1 Tx 13mm → w/WWAN Full power	0.454		0.164		0.023	0.641
		0.491	0.164		0.023	0.678
	0.454			0.214		0.668
		0.491		0.214		0.705
Rear, Wi-Fi 2 Tx 0mm → w/WWAN Power reduction	0.768		0.164	0.214		1.146
		0.775	0.164	0.214		1.153
Rear, Wi-Fi 2 Tx 13mm → w/WWAN Full power	0.454		0.164	0.214		0.832
		0.491	0.164	0.214		0.869
Edge 1, Wi-Fi 1 Tx 0mm → w/WWAN Power reduction	1.139		0.001		0.006	1.146
		1.150	0.001		0.006	1.157
	1.139			0.082		1.221
		1.150		0.082		1.232
Edge 1, Wi-Fi 1 Tx 21mm → w/WWAN Full power	0.349		0.001		0.006	0.356
		0.378	0.001		0.006	0.385
	0.349			0.082		0.431
		0.378		0.082		0.460
Edge 1, Wi-Fi 2 Tx 0mm → w/WWAN Power reduction	1.139		0.001	0.082		1.222
		1.150	0.001	0.082		1.233
Edge 1, Wi-Fi 2 Tx 21mm → w/WWAN Full power	0.349		0.001	0.082		0.432
		0.378	0.001	0.082		0.461

Test Position	Data					Σ 1-g SAR (mW/g)
	1xRTT	EVDO	WiFi 2.4 GHz Main	WiFi 2.4 GHz Aux	Bluetooth	
Edge 3, Wi-Fi 1 Tx	0.400		0.466		0.400	1.266
		0.400	0.466		0.400	1.266
	0.400			0.400		0.800
		0.400		0.400		0.800
Edge 3, Wi-Fi 2 Tx	0.400		0.466	0.400		1.266
		0.400	0.466	0.400		1.266
Edge 4, Wi-Fi 1 Tx	0.134		0.088		0.081	0.303
		0.176	0.088		0.081	0.345
	0.134			0.707		0.841
		0.176		0.707		0.883
Edge 4, Wi-Fi 2 Tx	0.134		0.088	0.707		0.929
		0.176	0.088	0.707		0.971

Note(s):

1. Bluetooth and Wi-Fi Aux cannot simultaneously transmit
2. Values shaded green are estimated SAR

Conclusion:

Simultaneous transmission SAR measurement (Volume Scan) is not required because the either sum of the 1-g SAR is < 1.6 W/kg or the SPLSR is < 0.04 for all circumstances that require SPLSR calculation.

14.7.34.Sum of the SAR for CDMA BC10 & Wi-Fi 5.3GHz Band

Test Position	Data					Σ 1-g SAR (mW/g)
	1xRTT	EVDO	WiFi 5.3 GHz Main	WiFi 5.3 GHz Aux	Bluetooth	
Rear, Wi-Fi 1 Tx 0mm → w/WWAN Power reduction	0.768		0.109		0.023	0.900
		0.775	0.109		0.023	0.907
	0.768			0.115		0.883
		0.775		0.115		0.890
Rear, Wi-Fi 1 Tx 13mm → w/WWAN Full power	0.454		0.109		0.023	0.586
		0.491	0.109		0.023	0.623
	0.454			0.115		0.569
		0.491		0.115		0.606
Rear, Wi-Fi 2 Tx 0mm → w/WWAN Power reduction	0.768		0.109	0.115		0.992
		0.775	0.109	0.115		0.999
Rear, Wi-Fi 2 Tx 13mm → w/WWAN Full power	0.454		0.109	0.115		0.678
		0.491	0.109	0.115		0.715
Edge 1, Wi-Fi 1 Tx 0mm → w/WWAN Power reduction	1.139		0.000		0.006	1.145
		1.150	0.000		0.006	1.156
	1.139			0.006		1.145
		1.150		0.006		1.156
Edge 1, Wi-Fi 1 Tx 21mm → w/WWAN Full power	0.349		0.000		0.006	0.355
		0.378	0.000		0.006	0.384
	0.349			0.006		0.355
		0.378		0.006		0.384
Edge 1, Wi-Fi 2 Tx 0mm → w/WWAN Power reduction	1.139		0.000	0.006		1.145
		1.150	0.000	0.006		1.156
Edge 1, Wi-Fi 2 Tx 21mm → w/WWAN Full power	0.349		0.000	0.006		0.355
		0.378	0.000	0.006		0.384

Test Position	Data					Σ 1-g SAR (mW/g)
	1xRTT	EVDO	WiFi 5.3 GHz Main	WiFi 5.3 GHz Aux	Bluetooth	
Edge 3, Wi-Fi 1 Tx	0.400		0.434		0.400	1.234
		0.400	0.434		0.400	1.234
	0.400			0.400		0.800
		0.400		0.400		0.800
Edge 3, Wi-Fi 2 Tx	0.400		0.434	0.400		1.234
		0.400	0.434	0.400		1.234
Edge 4, Wi-Fi 1 Tx	0.134		0.048		0.081	0.263
		0.176	0.048		0.081	0.305
	0.134			0.354		0.488
		0.176		0.354		0.530
Edge 4, Wi-Fi 2 Tx	0.134		0.048	0.354		0.536
		0.176	0.048	0.354		0.578

Note(s):

1. Bluetooth and Wi-Fi Aux cannot simultaneously transmit
2. Values shaded green are estimated SAR

Conclusion:

Simultaneous transmission SAR measurement (Volume Scan) is not required because the either sum of the 1-g SAR is < 1.6 W/kg or the SPLSR is < 0.04 for all circumstances that require SPLSR calculation.

14.7.35.Sum of the SAR for CDMA BC10 & Wi-Fi 5.5GHz Band

Test Position	Data					Σ 1-g SAR (mW/g)
	1xRTT	EVDO	WiFi 5.5 GHz Main	WiFi 5.5 GHz Aux	Bluetooth	
Rear, Wi-Fi 1 Tx 0mm → w/WWAN Power reduction	0.768		0.132		0.023	0.923
		0.775	0.132		0.023	0.930
	0.768			0.156		0.924
		0.775		0.156		0.931
Rear, Wi-Fi 1 Tx 13mm → w/WWAN Full power	0.454		0.132		0.023	0.609
		0.491	0.132		0.023	0.646
	0.454			0.156		0.610
		0.491		0.156		0.647
Rear, Wi-Fi 2 Tx 0mm → w/WWAN Power reduction	0.768		0.132	0.156		1.056
		0.775	0.132	0.156		1.063
Rear, Wi-Fi 2 Tx 13mm → w/WWAN Full power	0.454		0.132	0.156		0.742
		0.491	0.132	0.156		0.779
Edge 1, Wi-Fi 1 Tx 0mm → w/WWAN Power reduction	1.139		0.000		0.006	1.145
		1.150	0.000		0.006	1.156
	1.139			0.020		1.159
		1.150		0.020		1.170
Edge 1, Wi-Fi 1 Tx 21mm → w/WWAN Full power	0.349		0.000		0.006	0.355
		0.378	0.000		0.006	0.384
	0.349			0.020		0.369
		0.378		0.020		0.398
Edge 1, Wi-Fi 2 Tx 0mm → w/WWAN Power reduction	1.139		0.000	0.020		1.159
		1.150	0.000	0.020		1.170
Edge 1, Wi-Fi 2 Tx 21mm → w/WWAN Full power	0.349		0.000	0.020		0.369
		0.378	0.000	0.020		0.398

Test Position	Data					Σ 1-g SAR (mW/g)
	1xRTT	EVDO	WiFi 5.5 GHz Main	WiFi 5.5 GHz Aux	Bluetooth	
Edge 3, Wi-Fi 1 Tx	0.400		0.368		0.400	1.168
		0.400	0.368		0.400	1.168
	0.400			0.400		0.800
		0.400		0.400		0.800
Edge 3, Wi-Fi 2 Tx	0.400		0.368	0.400		1.168
		0.400	0.368	0.400		1.168
Edge 4, Wi-Fi 1 Tx	0.134		0.036		0.081	0.251
		0.176	0.036		0.081	0.293
	0.134			0.435		0.569
		0.176		0.435		0.611
Edge 4, Wi-Fi 2 Tx	0.134		0.036	0.435		0.605
		0.176	0.036	0.435		0.647

Note(s):

1. Bluetooth and Wi-Fi Aux cannot simultaneously transmit
2. Values shaded green are estimated SAR

Conclusion:

Simultaneous transmission SAR measurement (Volume Scan) is not required because the either sum of the 1-g SAR is < 1.6 W/kg or the SPLSR is < 0.04 for all circumstances that require SPLSR calculation.

14.7.36.Sum of the SAR for CDMA BC10 & Wi-Fi 5.8GHz Band

Test Position	Data					Σ 1-g SAR (mW/g)
	1xRTT	EVDO	WiFi 5.8 GHz Main	WiFi 5.8 GHz Aux	Bluetooth	
Rear, Wi-Fi 1 Tx 0mm → w/WWAN Power reduction	0.768		0.115		0.023	0.906
		0.775	0.115		0.023	0.913
	0.768			0.168		0.936
		0.775		0.168		0.943
Rear, Wi-Fi 1 Tx 13mm → w/WWAN Full power	0.454		0.115		0.023	0.592
		0.491	0.115		0.023	0.629
	0.454			0.168		0.622
		0.491		0.168		0.659
Rear, Wi-Fi 2 Tx 0mm → w/WWAN Power reduction	0.768		0.115	0.168		1.051
		0.775	0.115	0.168		1.058
Rear, Wi-Fi 2 Tx 13mm → w/WWAN Full power	0.454		0.115	0.168		0.737
		0.491	0.115	0.168		0.774
Edge 1, Wi-Fi 1 Tx 0mm → w/WWAN Power reduction	1.139		0.000		0.006	1.145
		1.150	0.000		0.006	1.156
	1.139			0.013		1.152
		1.150		0.013		1.163
Edge 1, Wi-Fi 1 Tx 21mm → w/WWAN Full power	0.349		0.000		0.006	0.355
		0.378	0.000		0.006	0.384
	0.349			0.013		0.362
		0.378		0.013		0.391
Edge 1, Wi-Fi 2 Tx 0mm → w/WWAN Power reduction	1.139		0.000	0.013		1.152
		1.150	0.000	0.013		1.163
Edge 1, Wi-Fi 2 Tx 21mm → w/WWAN Full power	0.349		0.000	0.013		0.362
		0.378	0.000	0.013		0.391

Test Position	Data					Σ 1-g SAR (mW/g)
	1xRTT	EVDO	WiFi 5.8 GHz Main	WiFi 5.8 GHz Aux	Bluetooth	
Edge 3, Wi-Fi 1 Tx	0.400		0.337		0.400	1.137
		0.400	0.337		0.400	1.137
	0.400			0.400		0.800
		0.400		0.400		0.800
Edge 3, Wi-Fi 2 Tx	0.400		0.337	0.400		1.137
		0.400	0.337	0.400		1.137
Edge 4, Wi-Fi 1 Tx	0.134		0.020		0.081	0.235
		0.176	0.020		0.081	0.277
	0.134			0.531		0.665
		0.176		0.531		0.707
Edge 4, Wi-Fi 2 Tx	0.134		0.020	0.531		0.685
		0.176	0.020	0.531		0.727

Note(s):

1. Bluetooth and Wi-Fi Aux cannot simultaneously transmit
2. Values shaded green are estimated SAR

Conclusion:

Simultaneous transmission SAR measurement (Volume Scan) is not required because the either sum of the 1-g SAR is < 1.6 W/kg or the SPLSR is < 0.04 for all circumstances that require SPLSR calculation.