

16.4 Data of Simultaneous Transmission SAR Analysis

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.

Description of table

a) Values shaded green are estimated SAR

b) Values shaded pink are referred to from SAR report 12108961H-A-R1, submitted under FCC ID: ACJ9TGWW16D and SAR report 12108956H-A, submitted under FCC ID ACJ9TGWL16A.

c) Values yellow are applied SPLSR calculation

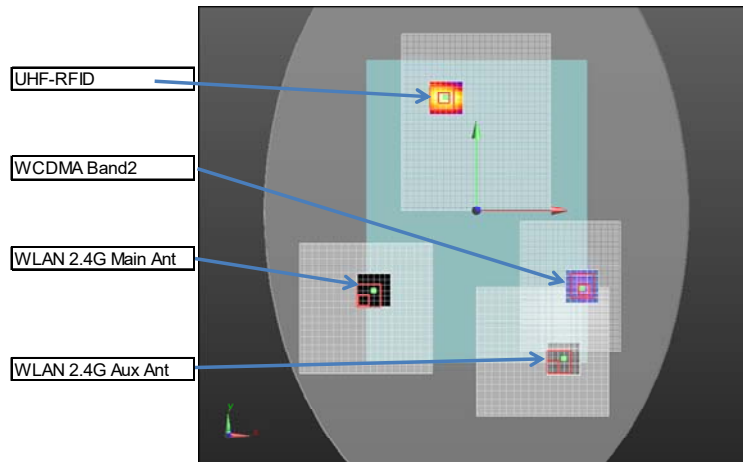
d) SPLSR data in case of 2Tx of WLAN Main, WLAN Aux and Bluetooth includes SPLSR data in case of 1Tx.

Sum of the SAR for WCDMA 2 & WLAN Main 2.4GHz WLAN Aux 2.4GHz Bluetooth & UHF-RFID

Test Position	Mode					Sum of SAR (1g/Wkg)	Remarks
	WCDMA 2	WLAN Main 2.4GHz	WLAN Aux 2.4GHz	Bluetooth	UHF-RFID		
Edge1	0.582	0.000	0.115		0.012	0.709	
	0.582		0.115		0.012	0.709	
	0.582	0.000		0.041	0.012	0.635	
Edge1 Reduction	1.192	0.000	0.115		0.012	1.319	
	1.192		0.115		0.012	1.319	
	1.192	0.000		0.041	0.012	1.245	
Edge 2	0.087	0.014	0.000		0.132	0.233	
	0.087		0.000		0.132	0.219	
	0.087	0.014		0.000	0.132	0.233	
Edge 3	0.013	0.452	0.033		0.069	0.567	
	0.013		0.033		0.069	0.115	
	0.013	0.452		0.002	0.069	0.536	
Edge 4	0.290	0.107	0.668		0.400	1.465	
	0.290		0.668		0.400	1.358	
	0.290	0.107		0.208	0.400	1.005	
Rear2	0.949	0.018	0.011		0.703	1.681	
	0.949		0.011		0.703	1.663	
	0.949	0.018		0.005	0.703	1.675	
Edge1 tilt Reduction	1.163	0.000	0.107		0.410	1.680	
	1.163		0.107		0.410	1.680	
	1.163	0.000		0.035	0.410	1.608	
Edge2 tilt	0.126	0.000	0.400		0.645	1.171	
	0.126		0.400		0.645	1.171	
	0.126	0.000		0.400	0.645	1.171	
Edge3 tilt	0.023	0.316	0.000		0.856	1.195	
	0.023		0.000		0.856	0.879	
	0.023	0.316		0.000	0.856	1.195	

Rear2: UHF-RFID + WCDMA Band2 + WLAN 2.4G Main Ant + WLAN 2.4G Aux Ant

Combination UHF-RFID + WCDMA Band2 + WLAN 2.4G Main Ant + WLAN 2.4G Aux Ant



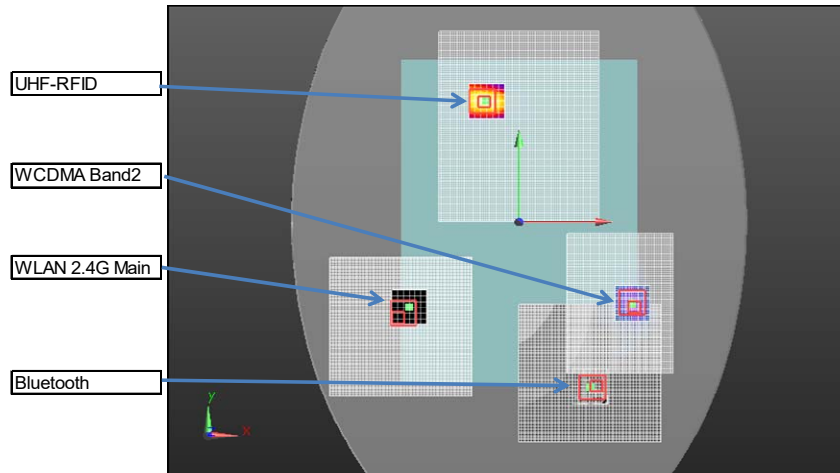
Mode	Ant	No	X mm	Y mm	Z mm	Combination	d: Calculated distance (mm)
UHF-RFID	Main Ant	1	-28.50	105.00	-6.55		
WCDMA Band2	Main Ant	2	97.50	-75.00	3.07	No1+No2	219.93
WLAN 2.4G	Main Ant	3	-92.80	-83.20	-0.96	No1+No3	198.96
WLAN 2.4G	Aux Ant	4	73.20	-141.00	0.81	No1+No4	266.30

The Peak Location Separation Distance is computed by using the formula below:
 $\text{SQRT}((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)$

Test Position	No.1 UHF-RFID Main Ant	No.2 WCDMA Band2 Main Ant	No.3 WLAN 2.4G Main Ant	No.4 WLAN 2.4G Aux Ant	Combination	Σ 1-g SAR (mW/g)	Calculated distance (mm)	SPLSR (≤ 0.04)	Volume Scan (Yes/ No)
Rear2	0.703	0.949			No.1 + No.2	1.652	219.93	0.010	No
Rear2	0.703		0.018		No.1 + No.3	0.721	198.96	0.003	No
Rear2	0.703			0.011	No.1 + No.4	0.714	266.30	0.002	No

Rear2: UHF-RFID + WCDMA Band2 + WLAN 2.4G Main Ant + Bluetooth

Combination UHF-RFID + WCDMA Band2 + WLAN 2.4G + Bluetooth

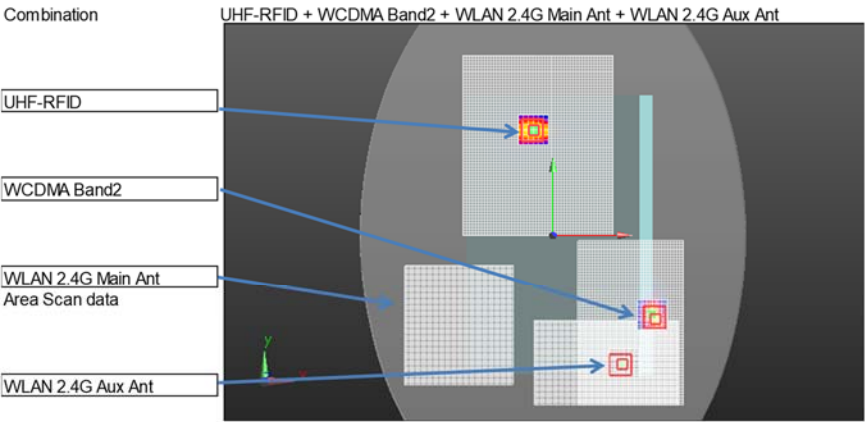


Mode	Ant	No	X mm	Y mm	Z mm	Combination	d: Calculated distance (mm)
UHF-RFID	Main Ant	1	-28.50	105.00	-6.55		
WCDMA Band2	Main Ant	2	97.50	-75.00	3.07	No1+No2	219.93
WLAN 2.4G	Main Ant	3	-92.80	-83.20	-0.96	No1+No3	198.96
Bluetooth	Aux Ant	4	68.00	-140.00	0.64	No1+No4	263.42

The Peak Location Separation Distance is computed by using the formula below:
 $\text{SQRT}((X1-X2)^2 + (Y1-Y2)^2 + (Z1-Z2)^2)$

Test Position	No.1 UHF-RFID Main Ant	No.2 WCDMA Band2 Main Ant	No.3 WLAN 2.4G Main Ant	No.4 Bluetooth Aux Ant	Combination	Σ 1-g SAR (mW/g)	Calculated distance (mm)	SPLSR (≤ 0.04)	Volume Scan (Yes/ No)
Rear2	0.703	0.949			No.1 + No.2	1.652	219.93	0.010	No
Rear2	0.703		0.018		No.1 + No.3	0.721	198.96	0.003	No
Rear2	0.703			0.005	No.1 + No.4	0.708	263.42	0.002	No

Edge1 tilt reduction: UHF-RFID + WCDMA Band2 + WLAN 2.4G Main Ant + WLAN 2.4G Aux Ant



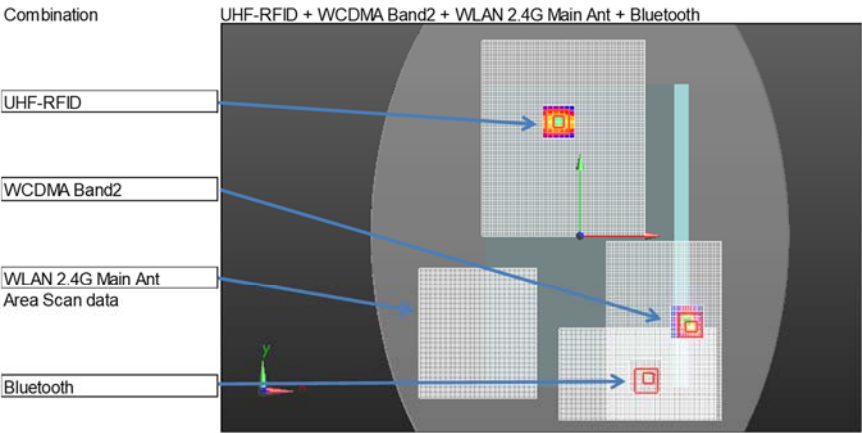
Mode	Ant	No	X mm	Y mm	Z mm	Combination	d: Calculated distance (mm)
UHF-RFID	Main Ant	1	-19.50	105.00	-5.80		
WCDMA Band2	Main Ant	2	101.50	-85.00	-4.01	No1+No2	225.26
WLAN 2.4G	Main Ant	3	N/A	N/A	N/A	No1+No3	N/A
WLAN 2.4G	Aux Ant	4	71.00	-130.20	0.76	No1+No4	252.10

The Peak Location Separation Distance is computed by using the formula below:
 $\text{SQRT}((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)$

Test Position	No.1 UHF-RFID Main Ant	No.2 WCDMA Band2 Main Ant	No.3 WLAN 2.4G Main Ant	No.4 WLAN 2.4G Aux Ant	Combination	Σ 1-g SAR (mW/g)	Calculated distance (mm)	SPLSR (≤ 0.04)	Volume Scan (Yes/ No)
Edge1 tilt	0.410	1.163			No.1 + No.2	1.573	225.26	0.009	No
Edge1 tilt	0.410		N/A		No.1 + No.3	0.410	N/A	N/A	N/A
Edge1 tilt	0.410			0.107	No.1 + No.4	0.517	252.10	0.001	No

WLAN2.4GHz Main Ant: There is no SAR peak on area scan so consideration for SPLSR is not needed.

Edge1 tilt reduction: UHF-RFID + WCDMA Band2 + WLAN 2.4G Main Ant + Bluetooth



Mode	Ant	No	X mm	Y mm	Z mm	Combination	d: Calculated distance (mm)
UHF-RFID	Main Ant	1	-19.50	105.00	-5.80		
WCDMA Band2	Main Ant	2	101.50	-85.00	-4.01	No1+No2	225.26
WLAN 2.4G	Main Ant	3	N/A	N/A	N/A	No1+No3	N/A
Bluetooth	Aux Ant	4	64.20	-133.20	0.72	No1+No4	252.56

The Peak Location Separation Distance is computed by using the formula below:
 $\text{SQRT}((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)$

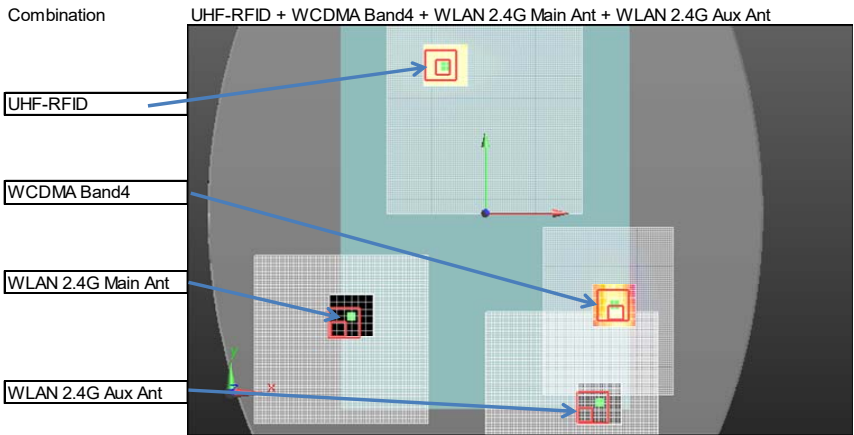
Test Position	No.1 UHF-RFID Main Ant	No.2 WCDMA Band2 Main Ant	No.3 WLAN 2.4G Main Ant	No.4 Bluetooth Aux Ant	Combination	Σ 1-g SAR (mW/g)	Calculated distance (mm)	SPLSR (≤ 0.04)	Volume Scan (Yes/ No)
Edge1 tilt	0.410	1.163			No.1 + No.2	1.573	225.26	0.009	No
Edge1 tilt	0.410		N/A		No.1 + No.3	0.410	N/A	N/A	N/A
Edge1 tilt	0.410			0.035	No.1 + No.4	0.445	252.56	0.001	No

WLAN2.4GHz Main Ant: There is no SAR peak on area scan so consideration for SPLSR is not needed.

Sum of the SAR for WCDMA 4 & WLAN Main 2.4GHz WLAN Aux 2.4GHz Bluetooth & UHF-RFID

Test Position	Mode					Sum of SAR (1g/Wkg)	Remarks
	WCDMA 4	WLAN Main 2.4GHz	WLAN Aux 2.4GHz	Bluetooth	UHF-RFID		
Edge1	0.589	0.000	0.115		0.012	0.716	
	0.589		0.115		0.012	0.716	
	0.589	0.000		0.041	0.012	0.642	
Edge1 Reduction	0.884	0.000	0.115		0.012	1.011	
	0.884		0.115		0.012	1.011	
	0.884	0.000		0.041	0.012	0.937	
Edge 2	0.069	0.014	0.000		0.132	0.215	
	0.069		0.000		0.132	0.201	
	0.069	0.014		0.000	0.132	0.215	
Edge 3	0.009	0.452	0.033		0.069	0.563	
	0.009		0.033		0.069	0.111	
	0.009	0.452		0.002	0.069	0.532	
Edge 4	0.291	0.107	0.668		0.400	1.466	
	0.291		0.668		0.400	1.359	
	0.291	0.107		0.208	0.400	1.006	
Rear2	0.930	0.018	0.011		0.703	1.662	
	0.930		0.011		0.703	1.644	
	0.930	0.018		0.005	0.703	1.656	
Edge1 tilt Reduction	0.372	0.000	0.107		0.410	0.889	
	0.372		0.107		0.410	0.889	
	0.372	0.000		0.035	0.410	0.817	
Edge2 tilt	0.141	0.000	0.400		0.645	1.186	
	0.141		0.400		0.645	1.186	
	0.141	0.000		0.400	0.645	1.186	
Edge3 tilt	0.026	0.316	0.000		0.856	1.198	
	0.026		0.000		0.856	0.882	
	0.026	0.316		0.000	0.856	1.198	

Rear2: UHF-RFID + WCDMA Band4 + WLAN 2.4G Main Ant + WLAN 2.4G Aux Ant

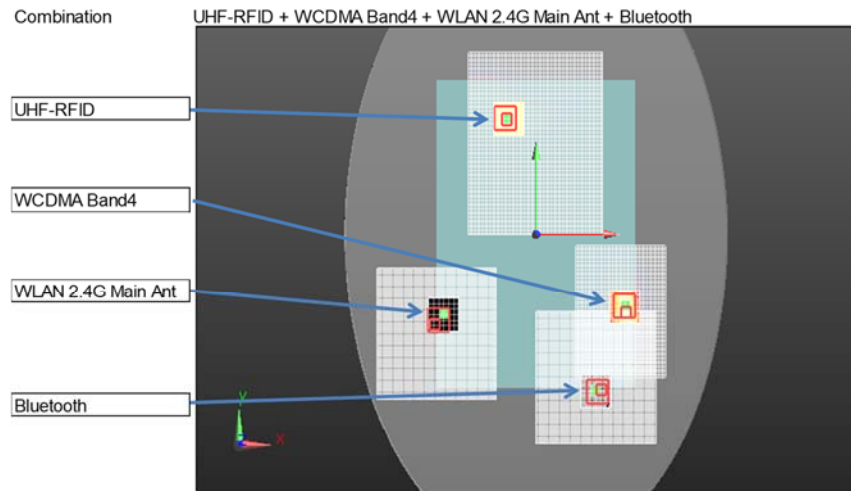


Mode	Ant	No	X mm	Y mm	Z mm	Combination	d: Calculated distance (mm)
UHF-RFID	Main Ant	1	-28.50	105.00	-6.55		
WCDMA Band4	Main Ant	2	91.50	-74.50	2.68	No1+No2	216.11
WLAN 2.4G	Main Ant	3	-92.80	-83.20	-0.96	No1+No3	198.96
WLAN 2.4G	Aux Ant	4	73.20	-141.00	0.81	No1+No4	266.30

The Peak Location Separation Distance is computed by using the formula below:
 $\text{SQRT}((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)$

Test Position	No.1 UHF-RFID Main Ant	No.2 WCDMA Band4 Main Ant	No.3 WLAN 2.4G Main Ant	No.4 WLAN 2.4G Aux Ant	Combination	Σ 1-g SAR (mW/g)	Calculated distance (mm)	SPLSR (≤ 0.04)	Volume Scan (Yes/ No)
Rear2	0.703	0.930			No.1 + No.2	1.633	216.11	0.010	No
Rear2	0.703		0.018		No.1 + No.3	0.721	198.96	0.003	No
Rear2	0.703			0.011	No.1 + No.4	0.714	266.30	0.002	No

Rear2: UHF-RFID + WCDMA Band4 + WLAN 2.4G Main Ant + Bluetooth



Mode	Ant	No	X mm	Y mm	Z mm	Combination	d: Calculated distance (mm)
UHF-RFID	Main Ant	1	-28.50	105.00	-6.55		
WCDMA Band4	Main Ant	2	91.50	-74.50	2.68	No1+No2	216.11
WLAN 2.4G	Main Ant	3	-92.80	-83.20	-0.96	No1+No3	198.96
Bluetooth	Aux Ant	4	68.00	-140.00	0.64	No1+No4	263.42

The Peak Location Separation Distance is computed by using the formula below:
 $\text{SQRT}((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)$

Test Position	No.1 UHF-RFID Main Ant	No.2 WCDMA Band4 Main Ant	No.3 WLAN 2.4G Main Ant	No.4 Bluetooth Aux Ant	Combination	Σ 1-g SAR (mW/g)	Calculated distance (mm)	SPLSR (≤ 0.04)	Volume Scan (Yes/ No)
Rear2	0.703	0.930			No.1 + No.2	1.633	216.11	0.010	No
Rear2	0.703		0.018		No.1 + No.3	0.721	198.96	0.003	No
Rear2	0.703			0.005	No.1 + No.4	0.708	263.42	0.002	No

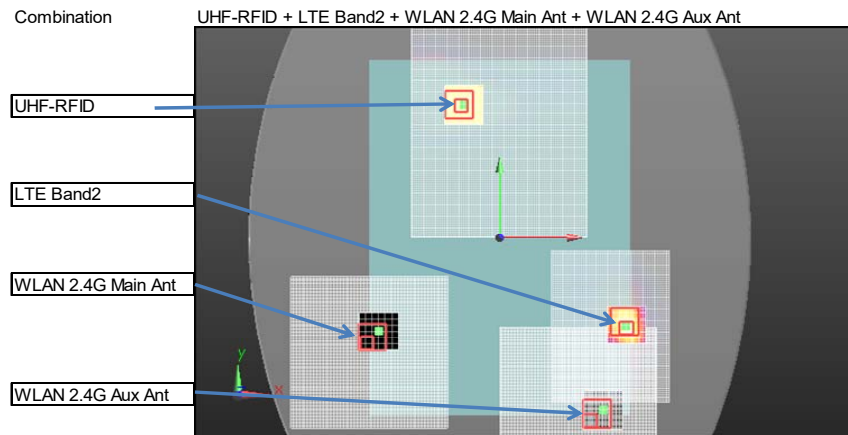
Sum of the SAR for WCDMA 5 & WLAN Main 2.4GHz WLAN Aux 2.4GHz Bluetooth & UHF-RFID

Test Position	Mode					Sum of SAR (1g/Wkg)	Remarks
	WCDMA 5	WLAN Main 2.4GHz	WLAN Aux 2.4GHz	Bluetooth	UHF-RFID		
Edge1	0.390	0.000	0.115		0.012	0.517	
	0.390		0.115		0.012	0.517	
	0.390	0.000		0.041	0.012	0.443	
Edge1 Reduction	1.158	0.000	0.115		0.012	1.285	
	1.158		0.115		0.012	1.285	
	1.158	0.000		0.041	0.012	1.211	
Edge 2	0.176	0.014	0.000		0.132	0.322	
	0.176		0.000		0.132	0.308	
	0.176	0.014		0.000	0.132	0.322	
Edge 3	0.020	0.452	0.033		0.069	0.574	
	0.020		0.033		0.069	0.122	
	0.020	0.452		0.002	0.069	0.543	
Edge 4	0.148	0.107	0.668		0.400	1.323	
	0.148		0.668		0.400	1.216	
	0.148	0.107		0.208	0.400	0.863	
Rear2	0.782	0.018	0.011		0.703	1.514	
	0.782		0.011		0.703	1.496	
	0.782	0.018		0.005	0.703	1.508	
Edge1 tilt Reduction	0.769	0.000	0.107		0.410	1.286	
	0.769		0.107		0.410	1.286	
	0.769	0.000		0.035	0.410	1.214	
Edge2 tilt	0.080	0.000	0.400		0.645	1.125	
	0.080		0.400		0.645	1.125	
	0.080	0.000		0.400	0.645	1.125	
Edge3 tilt	0.019	0.316	0.000		0.856	1.191	
	0.019		0.000		0.856	0.875	
	0.019	0.316		0.000	0.856	1.191	

Sum of the SAR for LTE 2 & WLAN Main 2.4GHzWLAN Aux 2.4GHz Bluetooth & UHF-RFID

Test Position	Mode					Sum of SAR (1g/Wkg)	Remarks
	LTE 2	WLAN Main 2.4GHz	WLAN Aux 2.4GHz	Bluetooth	UHF-RFID		
Edge1	0.571	0.000	0.115		0.012	0.698	
	0.571		0.115		0.012	0.698	
	0.571	0.000		0.041	0.012	0.624	
Edge1 Reduction	1.147	0.000	0.115		0.012	1.274	
	1.147		0.115		0.012	1.274	
	1.147	0.000		0.041	0.012	1.200	
Edge 2	0.063	0.014	0.000		0.132	0.209	
	0.063		0.000		0.132	0.195	
	0.063	0.014		0.000	0.132	0.209	
Edge 3	0.018	0.452	0.033		0.069	0.572	
	0.018		0.033		0.069	0.120	
	0.018	0.452		0.002	0.069	0.541	
Edge 4	0.400	0.107	0.668		0.400	1.575	
	0.400		0.668		0.400	1.468	
	0.400	0.107		0.208	0.400	1.115	
Rear2	0.976	0.018	0.011		0.703	1.708	
	0.976		0.011		0.703	1.690	
	0.976	0.018		0.005	0.703	1.702	
Edge1 tilt Reduction	1.084	0.000	0.107		0.410	1.601	
	1.084		0.107		0.410	1.601	
	1.084	0.000		0.035	0.410	1.529	
Edge2 tilt	0.125	0.000	0.400		0.645	1.170	
	0.125		0.400		0.645	1.170	
	0.125	0.000		0.400	0.645	1.170	
Edge3 tilt	0.024	0.316	0.000		0.856	1.196	
	0.024		0.000		0.856	0.880	
	0.024	0.316		0.000	0.856	1.196	

Rear2: UHF-RFID + LTE Band2 + WLAN 2.4G Main Ant + WLAN 2.4G Aux Ant

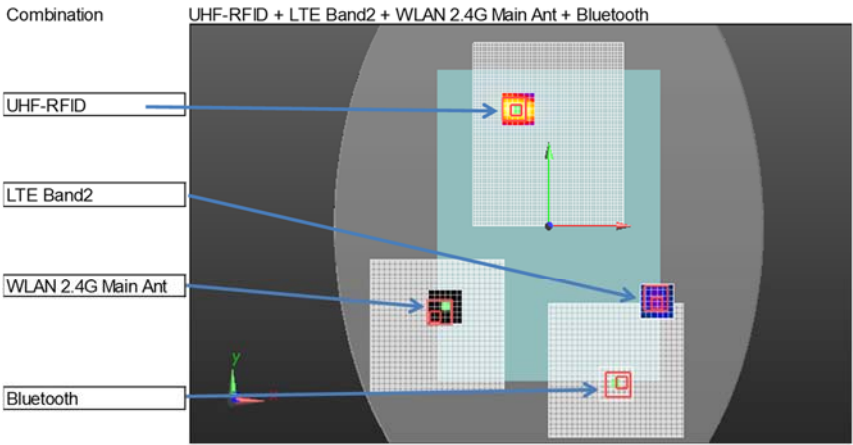


Mode	Ant	No	X mm	Y mm	Z mm	Combination	d: Calculated distance (mm)
UHF-RFID	Main Ant	1	-28.50	105.00	-6.55		
LTE Band2	Main Ant	2	97.00	-71.50	2.78	No1+No2	216.77
WLAN 2.4G	Main Ant	3	-92.80	-83.20	-0.96	No1+No3	198.96
WLAN 2.4G	Aux Ant	4	73.20	-141.00	0.81	No1+No4	266.30

The Peak Location Separation Distance is computed by using the formula below:
 $\text{SQRT}((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)$

Test Position	No.1 UHF-RFID Main Ant	No.2 LTE Band2 Main Ant	No.3 WLAN 2.4G Main Ant	No.4 WLAN 2.4G Aux Ant	Combination	Σ 1-g SAR (mW/g)	Calculated distance (mm)	SPLSR (≤ 0.04)	Volume Scan (Yes/ No)
Rear2	0.703	0.976			No.1 + No.2	1.679	216.77	0.010	No
Rear2	0.703		0.018		No.1 + No.3	0.721	198.96	0.003	No
Rear2	0.703			0.011	No.1 + No.4	0.714	266.30	0.002	No

Rear2: UHF-RFID + LTE Band2 + WLAN 2.4G Main Ant + Bluetooth

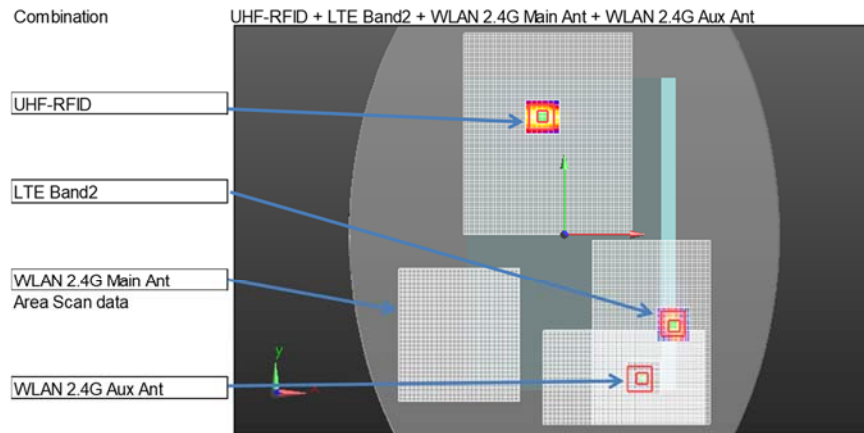


Mode	Ant	No	X mm	Y mm	Z mm	Combination	d. Calculated distance (mm)
UHF-RFID	Main Ant	1	-28.50	105.00	-6.55		
LTE Band2	Main Ant	2	97.00	-71.50	2.78	No1+No2	216.77
WLAN 2.4G	Main Ant	3	-92.80	-83.20	-0.96	No1+No3	198.96
Bluetooth	Aux Ant	4	68.00	-140.00	0.64	No1+No4	263.42

The Peak Location Separation Distance is computed by using the formula below:
 $\text{SQRT}((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)$

Test Position	No.1 UHF-RFID Main Ant	No.2 LTE Band2 Main Ant	No.3 WLAN 2.4G Main Ant	No.4 Bluetooth Aux Ant	Combination	Σ 1-g SAR (mW/g)	Calculated distance (mm)	SPLSR (≤ 0.04)	Volume Scan (Yes/ No)
Rear2	0.703	0.976			No.1 + No.2	1.679	216.77	0.010	No
Rear2	0.703		0.018		No.1 + No.3	0.721	198.96	0.003	No
Rear2	0.703			0.005	No.1 + No.4	0.708	263.42	0.002	No

Edge1 tilt reduction: UHF-RFID + LTE Band2 + WLAN 2.4G Main Ant + WLAN 2.4G Aux Ant



Mode	Ant	No	X mm	Y mm	Z mm	Combination	d: Calculated distance (mm)
UHF-RFID	Main Ant	1	-19.50	105.00	-5.80		
LTE Band2	Main Ant	2	98.00	-83.50	-4.43	No1+No2	222.13
WLAN 2.4G	Main Ant	3	N/A	N/A	N/A	No1+No3	N/A
WLAN 2.4G	Aux Ant	4	71.00	-130.20	0.76	No1+No4	252.10

The Peak Location Separation Distance is computed by using the formula below:
 $\text{SQRT}((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)$

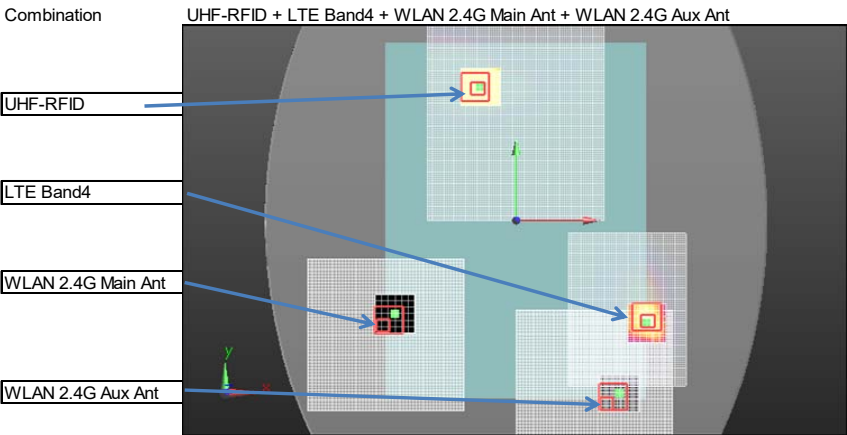
Test Position	No.1 UHF-RFID Main Ant	No.2 LTE Band2 Main Ant	No.3 WLAN 2.4G Main Ant	No.4 WLAN 2.4G Aux Ant	Combination	Σ 1-g SAR (mW/g)	Calculated distance (mm)	SPLSR (≤ 0.04)	Volume Scan (Yes/ No)
Edge1 tilt	0.410	1.084			No.1 + No.2	1.494	222.13	0.008	No
Edge1 tilt	0.410		N/A		No.1 + No.3	0.410	N/A	N/A	N/A
Edge1 tilt	0.410			0.107	No.1 + No.4	0.517	252.10	0.001	No

WLAN2.4GHz Main Ant: There is no SAR peak on area scan so consideration for SPLSR is not needed.

Sum of the SAR for LTE 4 & WLAN Main 2.4GHzWLAN Aux 2.4GHzBluetooth & UHF-RFID

Test Position	Mode					Sum of SAR (1g/Wkg)
	LTE 4	WLAN Main 2.4GHz	WLAN Aux 2.4GHz	Bluetooth	UHF-RFID	
Edge1	0.547	0.000	0.115		0.012	0.674
	0.547		0.115		0.012	0.674
	0.547	0.000		0.041	0.012	0.600
Edge1 Reduction	1.029	0.000	0.115		0.012	1.156
	1.029		0.115		0.012	1.156
	1.029	0.000		0.041	0.012	1.082
Edge 2	0.062	0.014	0.000		0.132	0.208
	0.062		0.000		0.132	0.194
	0.062	0.014		0.000	0.132	0.208
Edge 3	0.007	0.452	0.033		0.069	0.561
	0.007		0.033		0.069	0.109
	0.007	0.452		0.002	0.069	0.530
Edge 4	0.244	0.107	0.668		0.400	1.419
	0.244		0.668		0.400	1.312
	0.244	0.107		0.208	0.400	0.959
Rear2	1.053	0.018	0.011		0.703	1.785
	1.053		0.011		0.703	1.767
	1.053	0.018		0.005	0.703	1.779
Edge1 tilt Reduction	0.452	0.000	0.107		0.410	0.969
	0.452		0.107		0.410	0.969
	0.452	0.000		0.035	0.410	0.897
Edge2 tilt	0.185	0.000	0.400		0.645	1.230
	0.185		0.400		0.645	1.230
	0.185	0.000		0.400	0.645	1.230
Edge3 tilt	0.028	0.316	0.000		0.856	1.200
	0.028		0.000		0.856	0.884
	0.028	0.316		0.000	0.856	1.200

Rear2: UHF-RFID + LTE Band4 + WLAN 2.4G Main Ant + WLAN 2.4G Aux Ant

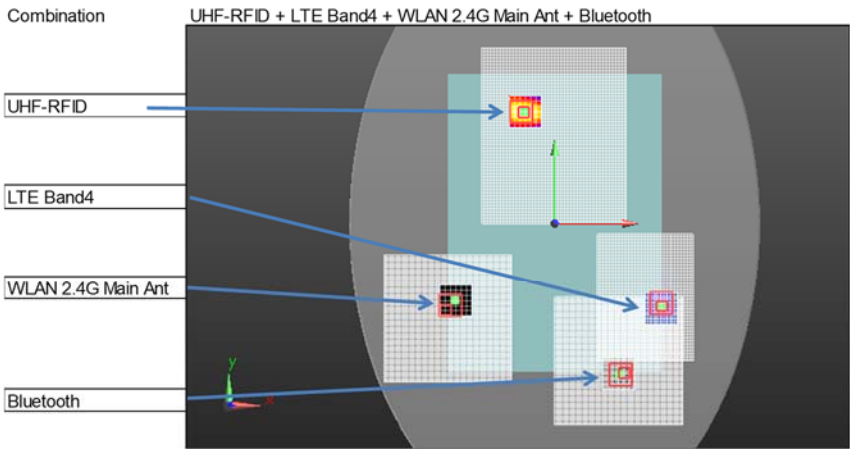


Mode	Ant	No	X mm	Y mm	Z mm	Combination	d: Calculated distance (mm)
UHF-RFID	Main Ant	1	-28.50	105.00	-6.55		
LTE Band4	Main Ant	2	102.00	-81.50	2.97	No1+No2	227.82
WLAN 2.4G	Main Ant	3	-92.80	-83.20	-0.96	No1+No3	198.96
WLAN 2.4G	Aux Ant	4	73.20	-141.00	0.81	No1+No4	266.30

The Peak Location Separation Distance is computed by using the formula below:
 $\text{SQRT}((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)$

Test Position	No.1 UHF-RFID Main Ant	No.2 LTE Band4 Main Ant	No.3 WLAN 2.4G Main Ant	No.4 WLAN 2.4G Aux Ant	Combination	Σ 1-g SAR (mW/g)	Calculated distance (mm)	SPLSR (≤ 0.04)	Volume Scan (Yes/ No)
Rear2	0.703	1.053			No.1 + No.2	1.756	227.82	0.010	No
Rear2	0.703		0.018		No.1 + No.3	0.721	198.96	0.003	No
Rear2	0.703			0.011	No.1 + No.4	0.714	266.30	0.002	No

Rear2: UHF-RFID + LTE Band4 + WLAN 2.4G Main Ant + Bluetooth



Mode	Ant	No	X mm	Y mm	Z mm	Combination	d: Calculated distance (mm)
UHF-RFID	Main Ant	1	-28.50	105.00	-6.55		
LTE Band4	Main Ant	2	102.00	-81.50	2.97	No1+No2	227.82
WLAN 2.4G	Main Ant	3	-92.80	-83.20	-0.96	No1+No3	198.96
Bluetooth	Aux Ant	4	68.00	-140.00	0.64	No1+No4	263.42

The Peak Location Separation Distance is computed by using the formula below:
 $\text{SQRT}((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)$

Test Position	No.1 UHF-RFID Main Ant	No.2 LTE Band4 Main Ant	No.3 WLAN 2.4G Main Ant	No.4 Bluetooth Aux Ant	Combination	Σ 1-g SAR (mW/g)	Calculated distance (mm)	SPLSR (≤ 0.04)	Volume Scan (Yes/ No)
Rear2	0.703	1.053			No.1 + No.2	1.756	227.82	0.010	No
Rear2	0.703		0.018		No.1 + No.3	0.721	198.96	0.003	No
Rear2	0.703			0.005	No.1 + No.4	0.708	263.42	0.002	No

Sum of the SAR for LTE 5 & WLAN Main 2.4GHzWLAN Aux 2.4GHzBluetooth & UHF-RFID

Test Position	Mode					Sum of SAR (1g/Wkg)	Remarks
	LTE 5	WLAN Main 2.4GHz	WLAN Aux 2.4GHz	Bluetooth	UHF-RFID		
Edge1	0.357	0.000	0.115		0.012	0.484	
	0.357		0.115		0.012	0.484	
	0.357	0.000		0.041	0.012	0.410	
Edge1 Reduction	1.184	0.000	0.115		0.012	1.311	
	1.184		0.115		0.012	1.311	
	1.184	0.000		0.041	0.012	1.237	
Edge 2	0.063	0.014	0.000		0.132	0.209	
	0.063		0.000		0.132	0.195	
	0.063	0.014		0.000	0.132	0.209	
Edge 3	0.024	0.452	0.033		0.069	0.578	
	0.024		0.033		0.069	0.126	
	0.024	0.452		0.002	0.069	0.547	
Edge 4	0.123	0.107	0.668		0.400	1.298	
	0.123		0.668		0.400	1.191	
	0.123	0.107		0.208	0.400	0.838	
Rear2	0.682	0.018	0.011		0.703	1.414	
	0.682		0.011		0.703	1.396	
	0.682	0.018		0.005	0.703	1.408	
Edge1 tilt Reduction	1.040	0.000	0.107		0.410	1.557	
	1.040		0.107		0.410	1.557	
	1.040	0.000		0.035	0.410	1.485	
Edge2 tilt	0.038	0.000	0.400		0.645	1.083	
	0.038		0.400		0.645	1.083	
	0.038	0.000		0.400	0.645	1.083	
Edge3 tilt	0.026	0.316	0.000		0.856	1.198	
	0.026		0.000		0.856	0.882	
	0.026	0.316		0.000	0.856	1.198	

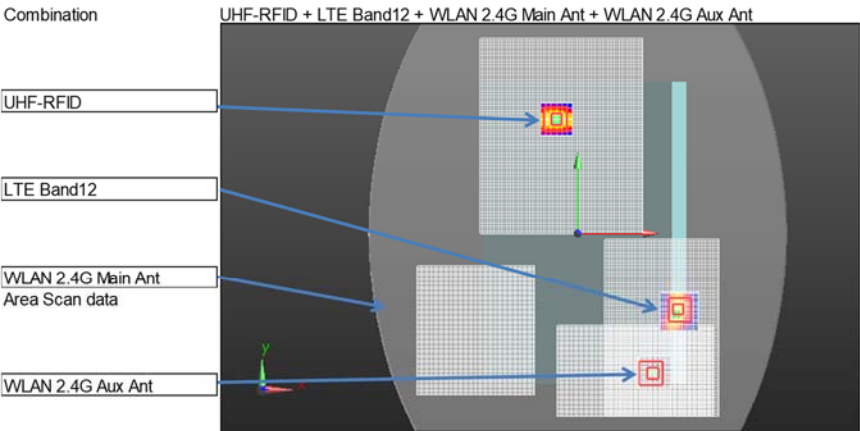
Sum of the SAR for LTE 7 & WLAN Main 2.4GHzWLAN Aux 2.4GHz Bluetooth & UHF-RFID

Test Position	Mode					Sum of SAR (1g/Wkg)	Remarks
	LTE 7	WLAN Main 2.4GHz	WLAN Aux 2.4GHz	Bluetooth	UHF-RFID		
Edge1	0.618	0.000	0.115		0.012	0.745	
	0.618		0.115		0.012	0.745	
	0.618	0.000		0.041	0.012	0.671	
Edge1 Reduction	1.001	0.000	0.115		0.012	1.128	
	1.001		0.115		0.012	1.128	
	1.001	0.000		0.041	0.012	1.054	
Edge 2	0.110	0.014	0.000		0.132	0.256	
	0.110		0.000		0.132	0.242	
	0.110	0.014		0.000	0.132	0.256	
Edge 3	0.000	0.452	0.033		0.069	0.554	
	0.000		0.033		0.069	0.102	
	0.000	0.452		0.002	0.069	0.523	
Edge 4	0.181	0.107	0.668		0.400	1.356	
	0.181		0.668		0.400	1.249	
	0.181	0.107		0.208	0.400	0.896	
Rear2	0.687	0.018	0.011		0.703	1.419	
	0.687		0.011		0.703	1.401	
	0.687	0.018		0.005	0.703	1.413	
Edge1 tilt Reduction	0.708	0.000	0.107		0.410	1.225	
	0.708		0.107		0.410	1.225	
	0.708	0.000		0.035	0.410	1.153	
Edge2 tilt	0.092	0.000	0.400		0.645	1.137	
	0.092		0.400		0.645	1.137	
	0.092	0.000		0.400	0.645	1.137	
Edge3 tilt	0.032	0.316	0.000		0.856	1.204	
	0.032		0.000		0.856	0.888	
	0.032	0.316		0.000	0.856	1.204	

Sum of the SAR for LTE 12 & WLAN Main 2.4GHzWLAN Aux 2.4GHz Bluetooth & UHF-RFID

Test Position	Mode					Sum of SAR (1g/Wkg)	Remarks
	LTE 12	WLAN Main 2.4GHz	WLAN Aux 2.4GHz	Bluetooth	UHF-RFID		
Edge1	0.195	0.000	0.115		0.012	0.322	
	0.195		0.115		0.012	0.322	
	0.195	0.000		0.041	0.012	0.248	
Edge1 Reduction	1.161	0.000	0.115		0.012	1.288	
	1.161		0.115		0.012	1.288	
	1.161	0.000		0.041	0.012	1.214	
Edge 2	0.026	0.014	0.000		0.132	0.172	
	0.026		0.000		0.132	0.158	
	0.026	0.014		0.000	0.132	0.172	
Edge 3	0.018	0.452	0.033		0.069	0.572	
	0.018		0.033		0.069	0.120	
	0.018	0.452		0.002	0.069	0.541	
Edge 4	0.136	0.107	0.668		0.400	1.311	
	0.136		0.668		0.400	1.204	
	0.136	0.107		0.208	0.400	0.851	
Rear2	0.612	0.018	0.011		0.703	1.344	
	0.612		0.011		0.703	1.326	
	0.612	0.018		0.005	0.703	1.338	
Edge1 tilt Reduction	1.135	0.000	0.107		0.410	1.652	
	1.135		0.107		0.410	1.652	
	1.135	0.000		0.035	0.410	1.580	
Edge2 tilt	0.058	0.000	0.400		0.645	1.103	
	0.058		0.400		0.645	1.103	
	0.058	0.000		0.400	0.645	1.103	
Edge3 tilt	0.035	0.316	0.000		0.856	1.207	
	0.035		0.000		0.856	0.891	
	0.035	0.316		0.000	0.856	1.207	

Edge1 tilt reduction: UHF-RFID + LTE Band12 + WLAN 2.4G Main Ant + WLAN 2.4GHz Aux Ant



Mode	Ant	No	X mm	Y mm	Z mm	Combination	d: Calculated distance (mm)
UHF-RFID	Main Ant	1	-19.50	105.00	-5.80		
LTE Band12	Main Ant	2	92.00	-73.50	-5.20	No1+No2	210.46
WLAN 2.4G	Main Ant	3	N/A	N/A	N/A	No1+No3	N/A
WLAN 2.4G	Aux Ant	4	71.00	-130.20	0.76	No1+No4	252.10

The Peak Location Separation Distance is computed by using the formula below:
 $\text{SQRT}((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)$

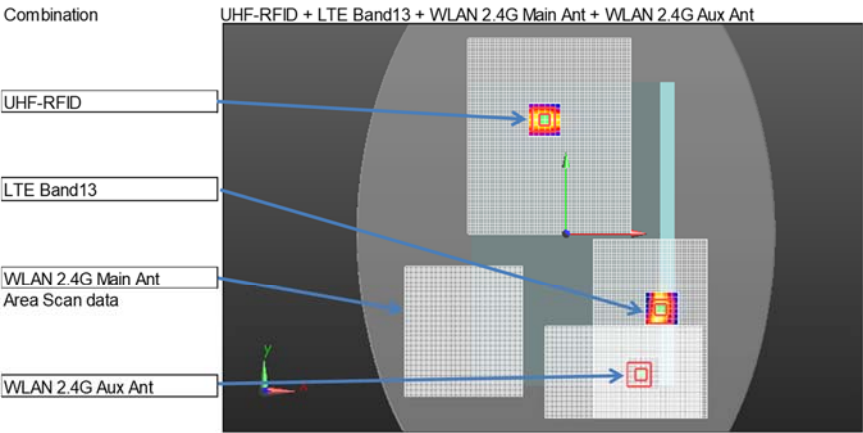
Test Position	No.1 UHF-RFID Main Ant	No.2 LTE Band12 Main Ant	No.3 WLAN 2.4G Main Ant	No.4 WLAN 2.4G Aux Ant	Combination	Σ 1-g SAR (mW/g)	Calculated distance (mm)	SPLSR (≤ 0.04)	Volume Scan (Yes/ No)
Edge1 tilt	0.410	1.135			No.1 + No.2	1.545	210.46	0.009	No
Edge1 tilt	0.410		N/A		No.1 + No.3	0.410	N/A	N/A	N/A
Edge1 tilt	0.410			0.107	No.1 + No.4	0.517	252.10	0.001	No

WLAN2.4GHz Main Ant:There is no SAR peak on area scan so consideration for SPLSR is not needed.

Sum of the SAR for LTE 13 & WLAN Main 2.4GHz WLAN Aux 2.4GHz Bluetooth & UHF-RFID

Test Position	Mode					Sum of SAR (1g/Wkg)	Remarks
	LTE 13	WLAN Main 2.4GHz	WLAN Aux 2.4GHz	Bluetooth	UHF-RFID		
Edge1	0.237	0.000	0.115		0.012	0.364	
	0.237		0.115		0.012	0.364	
	0.237	0.000		0.041	0.012	0.290	
Edge1 Reduction	1.189	0.000	0.115		0.012	1.316	
	1.189		0.115		0.012	1.316	
	1.189	0.000		0.041	0.012	1.242	
Edge 2	0.035	0.014	0.000		0.132	0.181	
	0.035		0.000		0.132	0.167	
	0.035	0.014		0.000	0.132	0.181	
Edge 3	0.001	0.452	0.033		0.069	0.555	
	0.001		0.033		0.069	0.103	
	0.001	0.452		0.002	0.069	0.524	
Edge 4	0.061	0.107	0.668		0.400	1.236	
	0.061		0.668		0.400	1.129	
	0.061	0.107		0.208	0.400	0.776	
Rear2	0.431	0.018	0.011		0.703	1.163	
	0.431		0.011		0.703	1.145	
	0.431	0.018		0.005	0.703	1.157	
Edge1 tilt Reduction	1.164	0.000	0.107		0.410	1.681	
	1.164		0.107		0.410	1.681	
	1.164	0.000		0.035	0.410	1.609	
Edge2 tilt	0.048	0.000	0.400		0.645	1.093	
	0.048		0.400		0.645	1.093	
	0.048	0.000		0.400	0.645	1.093	
Edge3 tilt	0.021	0.316	0.000		0.856	1.193	
	0.021		0.000		0.856	0.877	
	0.021	0.316		0.000	0.856	1.193	

Edge1 tilt reduction: UHF-RFID + LTE Band13 + WLAN 2.4G Main Ant + WLAN 2.4G Aux Ant



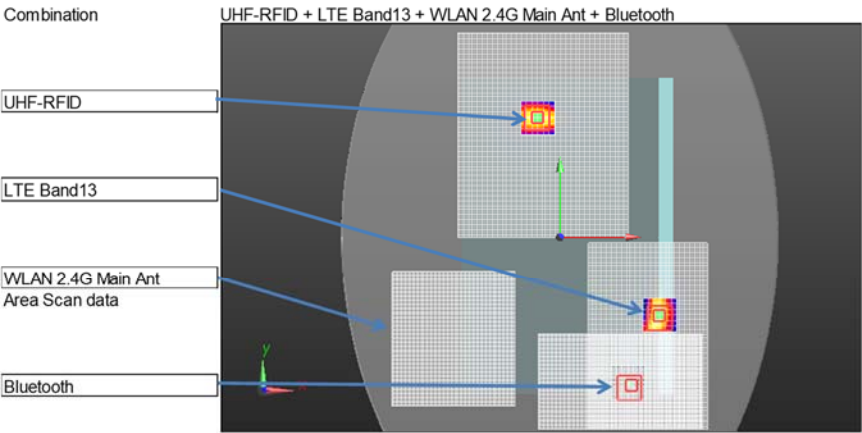
Mode	Ant	No	X mm	Y mm	Z mm	Combination	d: Calculated distance (mm)
UHF-RFID	Main Ant	1	-19.50	105.00	-5.80		
LTE Band13	Main Ant	2	86.00	-70.50	-5.66	No1+No2	204.77
WLAN 2.4G	Main Ant	3	N/A	N/A	N/A	No1+No3	N/A
WLAN 2.4G	Aux Ant	4	71.00	-130.20	0.76	No1+No4	252.10

The Peak Location Separation Distance is computed by using the formula below:
 $\text{SQRT}((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)$

Test Position	No.1 UHF-RFID Main Ant	No.2 LTE Band13 Main Ant	No.3 WLAN 2.4G Main Ant	No.4 WLAN 2.4G Aux Ant	Combination	Σ 1-g SAR (mW/g)	Calculated distance (mm)	SPLSR (≤ 0.04)	Volume Scan (Yes/ No)
Edge1 tilt	0.410	1.164			No.1 + No.2	1.574	204.77	0.010	No
Edge1 tilt	0.410		N/A		No.1 + No.3	0.410	N/A	N/A	N/A
Edge1 tilt	0.410			0.107	No.1 + No.4	0.517	252.10	0.001	No

WLAN2.4GHz Main Ant: There is no SAR peak on area scan so consideration for SPLSR is not needed.

Edge1 tilt reduction: UHF-RFID + LTE Band13 + WLAN 2.4G Main Ant + Bluetooth



Mode	Ant	No	X mm	Y mm	Z mm	Combination	d: Calculated distance (mm)
UHF-RFID	Main Ant	1	-19.50	105.00	-5.80		
LTE Band13	Main Ant	2	86.00	-70.50	-5.66	No1+No2	204.77
WLAN 2.4G	Main Ant	3	N/A	N/A	N/A	No1+No3	N/A
Bluetooth	Aux Ant	4	64.20	-133.20	0.72	No1+No4	252.56

The Peak Location Separation Distance is computed by using the formula below:
 $\text{SQRT}((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)$

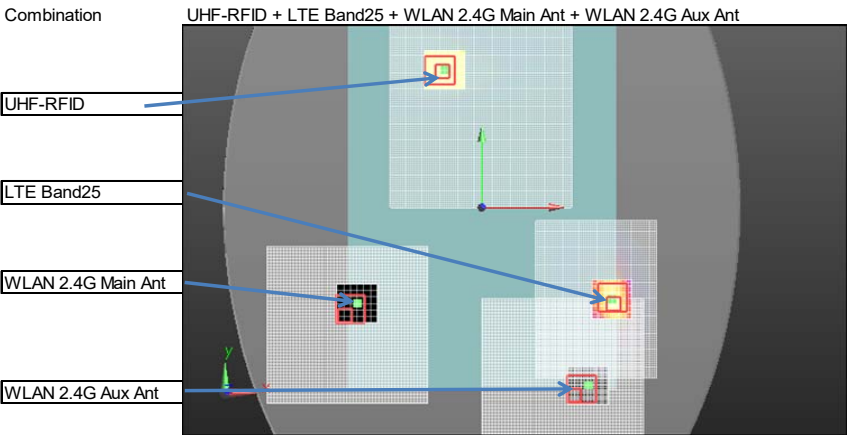
Test Position	No.1 UHF-RFID Main Ant	No.2 LTE Band13 Main Ant	No.3 WLAN 2.4G Main Ant	No.4 Bluetooth Aux Ant	Combination	Σ 1-g SAR (mW/g)	Calculated distance (mm)	SPLSR (≤ 0.04)	Volume Scan (Yes/ No)
Edge1 tilt	0.410	1.164			No.1 + No.2	1.574	204.77	0.010	No
Edge1 tilt	0.410		N/A		No.1 + No.3	0.410	N/A	N/A	N/A
Edge1 tilt	0.410			0.035	No.1 + No.4	0.445	252.56	0.001	No

WLAN2.4GHz Main Ant: There is no SAR peak on area scan so consideration for SPLSR is not needed.

Sum of the SAR for LTE 25 & WLAN Main 2.4GHzWLAN Aux 2.4GHz Bluetooth & UHF-RFID

Test Position	Mode					Sum of SAR (1g/Wkg)	Remarks
	LTE 25	WLAN Main 2.4GHz	WLAN Aux 2.4GHz	Bluetooth	UHF-RFID		
Edge1	0.516	0.000	0.115		0.012	0.643	
	0.516		0.115		0.012	0.643	
	0.516	0.000		0.041	0.012	0.569	
Edge1 Reduction	1.054	0.000	0.115		0.012	1.181	
	1.054		0.115		0.012	1.181	
	1.054	0.000		0.041	0.012	1.107	
Edge 2	0.060	0.014	0.000		0.132	0.206	
	0.060		0.000		0.132	0.192	
	0.060	0.014		0.000	0.132	0.206	
Edge 3	0.009	0.452	0.033		0.069	0.563	
	0.009		0.033		0.069	0.111	
	0.009	0.452		0.002	0.069	0.532	
Edge 4	0.397	0.107	0.668		0.400	1.572	
	0.397		0.668		0.400	1.465	
	0.397	0.107		0.208	0.400	1.112	
Rear2	0.985	0.018	0.011		0.703	1.717	
	0.985		0.011		0.703	1.699	
	0.985	0.018		0.005	0.703	1.711	
Edge1 tilt Reduction	0.908	0.000	0.107		0.410	1.425	
	0.908		0.107		0.410	1.425	
	0.908	0.000		0.035	0.410	1.353	
Edge2 tilt	0.129	0.000	0.400		0.645	1.174	
	0.129		0.400		0.645	1.174	
	0.129	0.000		0.400	0.645	1.174	
Edge3 tilt	0.030	0.316	0.000		0.856	1.202	
	0.030		0.000		0.856	0.886	
	0.030	0.316		0.000	0.856	1.202	

Rear2: UHF-RFID + LTE Band25 + WLAN 2.4G Main Ant + WLAN 2.4G Aux Ant

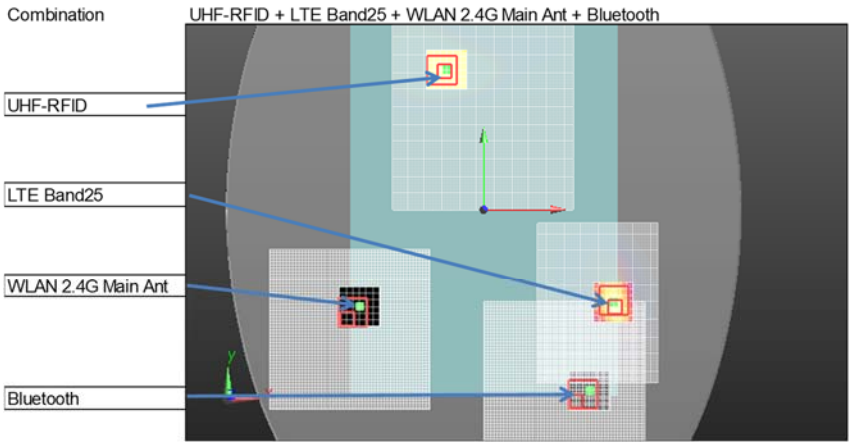


Mode	Ant	No	X mm	Y mm	Z mm	Combination	d: Calculated distance (mm)
UHF-RFID	Main Ant	1	-28.50	105.00	-6.55		
LTE Band25	Main Ant	2	73.20	-141.00	0.81	No1+No2	266.30
WLAN 2.4G	Main Ant	3	-92.80	-83.20	-0.96	No1+No3	198.96
WLAN 2.4G	Aux Ant	4	73.20	-141.00	0.81	No1+No4	266.30

The Peak Location Separation Distance is computed by using the formula below:
 $\text{SQRT}((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)$

Test Position	No.1 UHF-RFID Main Ant	No.2 LTE Band25 Main Ant	No.3 WLAN 2.4G Main Ant	No.4 WLAN 2.4G Aux Ant	Combination	Σ 1-g SAR (mW/g)	Calculated distance (mm)	SPLSR (≤ 0.04)	Volume Scan (Yes/ No)
Rear2	0.703	0.985			No.1 + No.2	1.688	266.30	0.008	No
Rear2	0.703		0.018		No.1 + No.3	0.721	198.96	0.003	No
Rear2	0.703			0.011	No.1 + No.4	0.714	266.30	0.002	No

Rear2: UHF-RFID + LTE Band25 + WLAN 2.4G Main Ant + Bluetooth



Mode	Ant	No	X mm	Y mm	Z mm	Combination	d. Calculated distance (mm)
UHF-RFID	Main Ant	1	-28.50	105.00	-6.55		
LTE Band25	Main Ant	2	98.00	-75.00	2.94	No1+No2	220.21
WLAN 2.4G	Main Ant	3	-92.80	-83.20	-0.96	No1+No3	198.96
Bluetooth	Aux Ant	4	68.00	-140.00	0.64	No1+No4	263.42

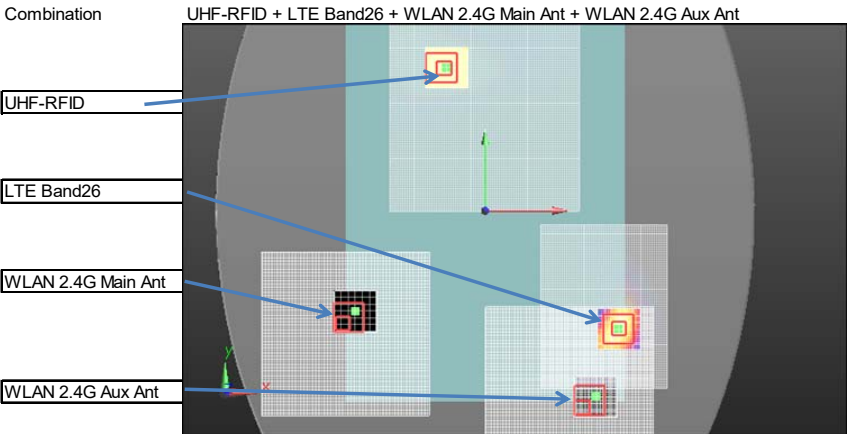
The Peak Location Separation Distance is computed by using the formula below:
 $\text{SQRT}((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)$

Test Position	No.1 UHF-RFID Main Ant	No.2 LTE Band25 Main Ant	No.3 WLAN 2.4G Main Ant	No.4 Bluetooth Aux Ant	Combination	Σ 1-g SAR (mW/g)	Calculated distance (mm)	SPLSR (≤ 0.04)	Volume Scan (Yes/ No)
Rear2	0.703	0.985			No.1 + No.2	1.688	220.21	0.010	No
Rear2	0.703		0.018		No.1 + No.3	0.721	198.96	0.003	No
Rear2	0.703			0.005	No.1 + No.4	0.708	263.42	0.002	No

Sum of the SAR for LTE 26 & WLAN Main 2.4GHzWLAN Aux 2.4GHz Bluetooth & UHF-RFID

Test Position	Mode					Sum of SAR (1g/Wkg)	Remarks
	LTE 26	WLAN Main 2.4GHz	WLAN Aux 2.4GHz	Bluetooth	UHF-RFID		
Edge1	0.262	0.000	0.115		0.012	0.389	
	0.262		0.115		0.012	0.389	
	0.262	0.000		0.041	0.012	0.315	
Edge1 Reduction	1.068	0.000	0.115		0.012	1.195	
	1.068		0.115		0.012	1.195	
	1.068	0.000		0.041	0.012	1.121	
Edge 2	0.094	0.014	0.000		0.132	0.240	
	0.094		0.000		0.132	0.226	
	0.094	0.014		0.000	0.132	0.240	
Edge 3	0.012	0.452	0.033		0.069	0.566	
	0.012		0.033		0.069	0.114	
	0.012	0.452		0.002	0.069	0.535	
Edge 4	0.041	0.107	0.668		0.400	1.216	
	0.041		0.668		0.400	1.109	
	0.041	0.107		0.208	0.400	0.756	
Rear2	1.022	0.018	0.011		0.703	1.754	
	1.022		0.011		0.703	1.736	
	1.022	0.018		0.005	0.703	1.748	
Edge1 tilt Reduction	0.681	0.000	0.107		0.410	1.198	
	0.681		0.107		0.410	1.198	
	0.681	0.000		0.035	0.410	1.126	
Edge2 tilt	0.089	0.000	0.400		0.645	1.134	
	0.089		0.400		0.645	1.134	
	0.089	0.000		0.400	0.645	1.134	
Edge3 tilt	0.047	0.316	0.000		0.856	1.219	
	0.047		0.000		0.856	0.903	
	0.047	0.316		0.000	0.856	1.219	

Rear2: UHF-RFID + LTE Band26 + WLAN 2.4G Main Ant + WLAN 2.4G Aux Ant

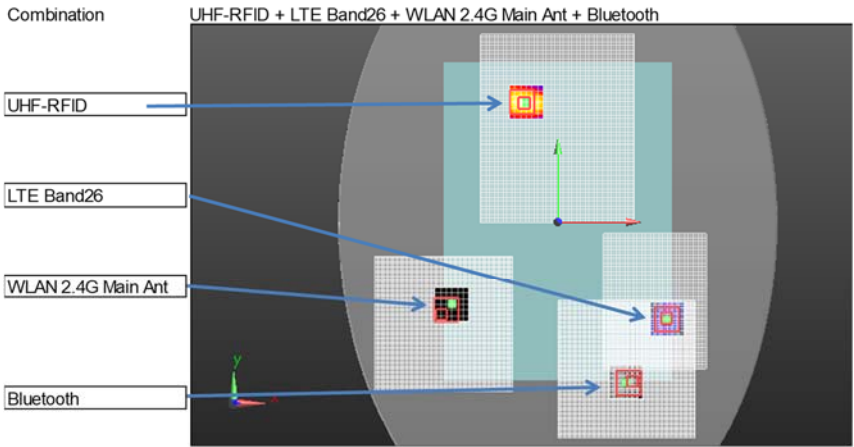


Mode	Ant	No	X mm	Y mm	Z mm	Combination	d: Calculated distance (mm)
UHF-RFID	Main Ant	1	-28.50	105.00	-6.55		
LTE Band26	Main Ant	2	94.50	-84.50	-2.59	No1+No2	225.95
WLAN 2.4G	Main Ant	3	-92.80	-83.20	-0.96	No1+No3	198.96
WLAN 2.4G	Aux Ant	4	73.20	-141.00	0.81	No1+No4	266.30

The Peak Location Separation Distance is computed by using the formula below:
 $\text{SQRT}((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)$

Test Position	No.1 UHF-RFID Main Ant	No.2 LTE Band26 Main Ant	No.3 WLAN 2.4G Main Ant	No.4 WLAN 2.4G Aux Ant	Combination	Σ 1-g SAR (mW/g)	Calculated distance (mm)	SPLSR (≤ 0.04)	Volume Scan (Yes/ No)
Rear2	0.703	1.022			No.1 + No.2	1.725	225.95	0.010	No
Rear2	0.703		0.018		No.1 + No.3	0.721	198.96	0.003	No
Rear2	0.703			0.011	No.1 + No.4	0.714	266.30	0.002	No

Rear2: UHF-RFID + LTE Band26 + WLAN 2.4G Main Ant + Bluetooth



Mode	Ant	No	X mm	Y mm	Z mm	Combination	d: Calculated distance (mm)
UHF-RFID	Main Ant	1	-28.50	105.00	-6.55		
LTE Band26	Main Ant	2	94.50	-84.50	-2.59	No1+No2	225.95
WLAN 2.4G	Main Ant	3	-92.80	-83.20	-0.96	No1+No3	198.96
Bluetooth	Aux Ant	4	68.00	-140.00	0.64	No1+No4	263.42

The Peak Location Separation Distance is computed by using the formula below:
 $\text{SQRT}((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)$

Test Position	No.1 UHF-RFID Main Ant	No.2 LTE Band26 Main Ant	No.3 WLAN 2.4G Main Ant	No.4 Bluetooth Aux Ant	Combination	Σ 1-g SAR (mW/g)	Calculated distance (mm)	SPLSR (≤ 0.04)	Volume Scan (Yes/ No)
Rear2	0.703	1.022			No.1 + No.2	1.725	225.95	0.010	No
Rear2	0.703		0.018		No.1 + No.3	0.721	198.96	0.003	No
Rear2	0.703			0.005	No.1 + No.4	0.708	263.42	0.002	No

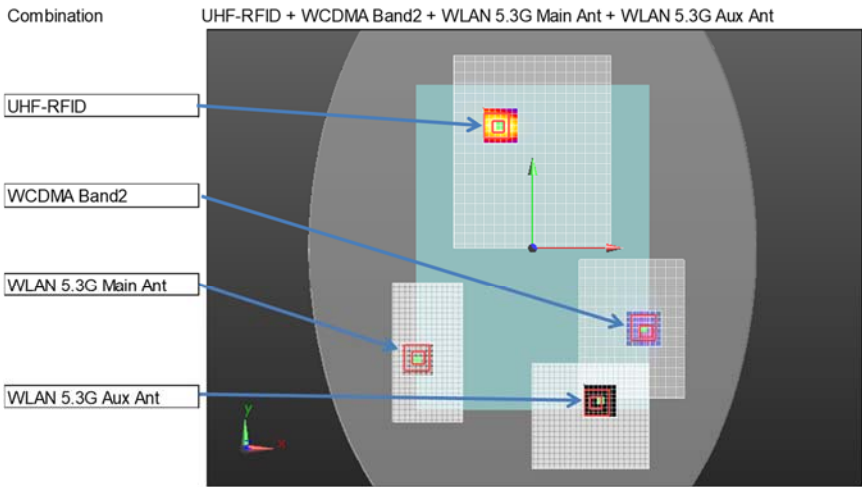
Sum of the SAR for LTE 41 & WLAN Main 2.4GHzWLAN Aux 2.4GHz Bluetooth & UHF-RFID

Test Position	Mode					Sum of SAR (1g/Wkg)	Remarks
	LTE 41	WLAN Main 2.4GHz	WLAN Aux 2.4GHz	Bluetooth	UHF-RFID		
Edge1	0.546	0.000	0.115		0.012	0.673	
	0.546		0.115		0.012	0.673	
	0.546	0.000		0.041	0.012	0.599	
Edge1 Reduction	0.957	0.000	0.115		0.012	1.084	
	0.957		0.115		0.012	1.084	
	0.957	0.000		0.041	0.012	1.010	
Edge 2	0.041	0.014	0.000		0.132	0.187	
	0.041		0.000		0.132	0.173	
	0.041	0.014		0.000	0.132	0.187	
Edge 3	0.007	0.452	0.033		0.069	0.561	
	0.007		0.033		0.069	0.109	
	0.007	0.452		0.002	0.069	0.530	
Edge 4	0.036	0.107	0.668		0.400	1.211	
	0.036		0.668		0.400	1.104	
	0.036	0.107		0.208	0.400	0.751	
Rear2	0.588	0.018	0.011		0.703	1.320	
	0.588		0.011		0.703	1.302	
	0.588	0.018		0.005	0.703	1.314	
Edge1 tilt Reduction	0.357	0.000	0.107		0.410	0.874	
	0.357		0.107		0.410	0.874	
	0.357	0.000		0.035	0.410	0.802	
Edge2 tilt	0.089	0.000	0.400		0.645	1.134	
	0.089		0.400		0.645	1.134	
	0.089	0.000		0.400	0.645	1.134	
Edge3 tilt	0.091	0.316	0.000		0.856	1.263	
	0.091		0.000		0.856	0.947	
	0.091	0.316		0.000	0.856	1.263	

Sum of the SAR for WCDMA 2 & WLAN Main 5.3GHz WLAN Aux 5.3GHz Bluetooth & UHF-RFID

	Mode					Sum of SAR (1g/Wkg)	Remarks
Test Position	WCDMA 2	WLAN Main 5.2 5.3GHz	WLAN Aux 5.2 5.3GHz	Bluetooth	UHF-RFID		
Edge1	0.582	0.000	0.014		0.012	0.608	
	0.582		0.014		0.012	0.608	
	0.582	0.000		0.041	0.012	0.635	
Edge1 Reduction	1.192	0.000	0.014		0.012	1.218	
	1.192		0.014		0.012	1.218	
	1.192	0.000		0.041	0.012	1.245	
Edge 2	0.087	0.000	0.000		0.132	0.219	
	0.087		0.000		0.132	0.219	
	0.087	0.000		0.000	0.132	0.219	
Edge 3	0.013	0.294	0.000		0.069	0.376	
	0.013		0.000		0.069	0.082	
	0.013	0.294		0.002	0.069	0.378	
Edge 4	0.290	0.020	0.223		0.400	0.933	
	0.290		0.223		0.400	0.913	
	0.290	0.020		0.208	0.400	0.918	
Rear2	0.949	0.041	0.046		0.703	1.739	
	0.949		0.046		0.703	1.698	
	0.949	0.041		0.005	0.703	1.698	
Edge1 tilt Reduction	1.163	0.012	0.062		0.410	1.647	
	1.163		0.062		0.410	1.635	
	1.163	0.012		0.035	0.410	1.620	
Edge2 tilt	0.126	0.000	0.400		0.645	1.171	
	0.126		0.400		0.645	1.171	
	0.126	0.000		0.400	0.645	1.171	
Edge3 tilt	0.023	0.195	0.004		0.856	1.078	
	0.023		0.004		0.856	0.883	
	0.023	0.195		0.000	0.856	1.074	

Rear2: UHF-RFID + WCDMA Band2 + WLAN 5.3G Main Ant + WLAN 5.3G Aux Ant

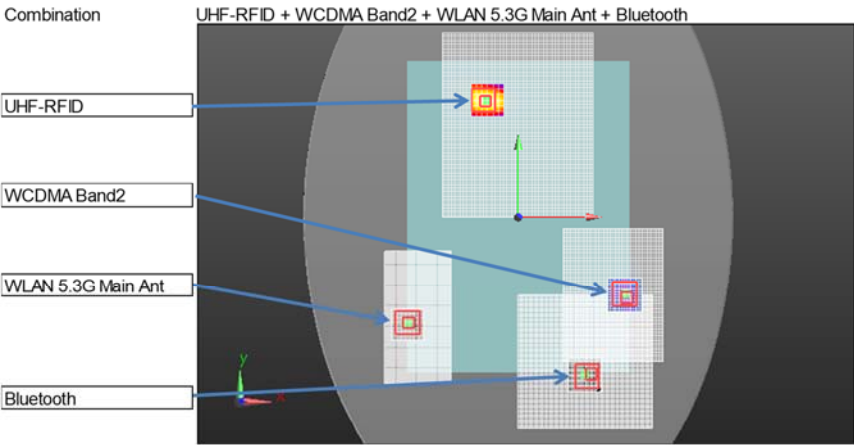


Mode	Ant	No	X mm	Y mm	Z mm	Combination	d. Calculated distance (mm)
UHF-RFID	Main Ant	1	-28.50	105.00	-6.55		
WCDMA Band2	Main Ant	2	97.50	-75.00	3.07	No1+No2	219.93
WLAN 5.3G	Main Ant	3	-97.00	-98.20	-2.31	No1+No3	214.48
WLAN 5.3G	Aux Ant	4	55.20	-134.00	-2.46	No1+No4	253.27

The Peak Location Separation Distance is computed by using the formula below:
 $\text{SQRT}((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)$

Test Position	No.1 UHF-RFID Main Ant	No.2 WCDMA Band2 Main Ant	No.3 WLAN 5.3G Main Ant	No.4 WLAN 5.3G Aux Ant	Combination	Σ 1-g SAR (mW/g)	Calculated distance (mm)	SPLSR (≤ 0.04)	Volume Scan (Yes/ No)
Rear2	0.703	0.949			No.1 + No.2	1.652	219.93	0.010	No
Rear2	0.703		0.041		No.1 + No.3	0.744	214.48	0.003	No
Rear2	0.703			0.046	No.1 + No.4	0.749	253.27	0.003	No

Rear2: UHF-RFID + WCDMA Band2 + WLAN 5.3G Main Ant + Bluetooth

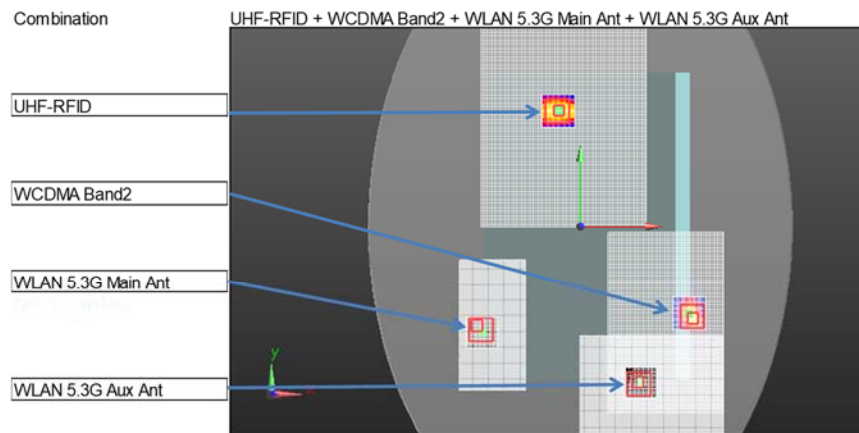


Mode	Ant	No	X mm	Y mm	Z mm	Combination	d: Calculated distance (mm)
UHF-RFID	Main Ant	1	-28.50	105.00	-6.55		
WCDMA Band2	Main Ant	2	97.50	-75.00	3.07	No1+No2	219.93
WLAN 5.3G	Main Ant	3	-97.00	-98.20	-2.31	No1+No3	214.48
Bluetooth	Aux Ant	4	68.00	-140.00	0.64	No1+No4	263.42

The Peak Location Separation Distance is computed by using the formula below:
 $\text{SQRT}((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)$

Test Position	No.1 UHF-RFID Main Ant	No.2 WCDMA Band2 Main Ant	No.3 WLAN 5.3G Main Ant	No.4 Bluetooth Aux Ant	Combination	Σ 1-g SAR (mW/g)	Calculated distance (mm)	SPLSR (≤ 0.04)	Volume Scan (Yes/ No)
Rear2	0.703	0.949			No.1 + No.2	1.652	219.93	0.010	No
Rear2	0.703		0.041		No.1 + No.3	0.744	214.48	0.003	No
Rear2	0.703			0.005	No.1 + No.4	0.708	263.42	0.002	No

Edge1 tilt reduction: UHF-RFID + WCDMA Band2 + WLAN 5.3G Main Ant + WLAN 5.3G Aux Ant

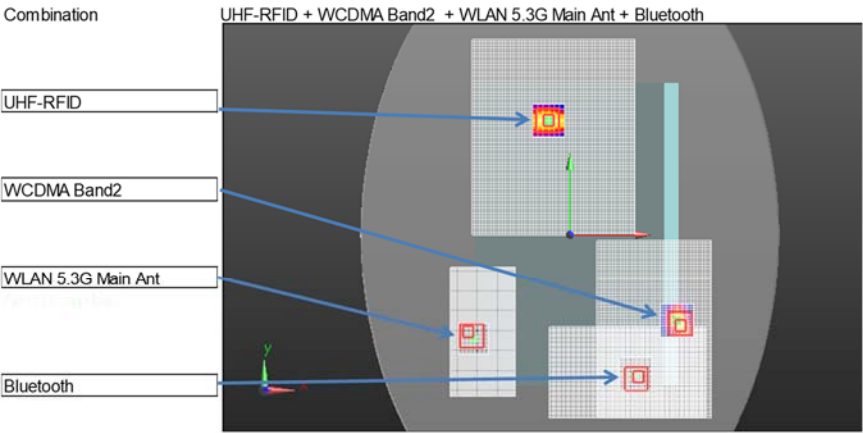


Mode	Ant	No	X mm	Y mm	Z mm	Combination	d: Calculated distance (mm)
UHF-RFID	Main Ant	1	-19.50	105.00	-5.80		
WCDMA Band2	Main Ant	2	101.50	-85.00	-4.01	No1+No2	225.26
WLAN 5.3G	Main Ant	3	-75.80	-83.00	-2.85	No1+No3	196.27
WLAN 5.3G	Aux Ant	4	56.20	-140.20	-2.25	No1+No4	256.64

The Peak Location Separation Distance is computed by using the formula below:
 $\text{SQRT}((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)$

Test Position	No.1 UHF-RFID Main Ant	No.2 WCDMA Band2 Main Ant	No.3 WLAN 5.3G Main Ant	No.4 WLAN 5.3G Aux Ant	Combination	Σ 1-g SAR (mW/g)	Calculated distance (mm)	SPLSR (≤ 0.04)	Volume Scan (Yes/ No)
Edge1 tilt	0.410	1.163			No.1 + No.2	1.573	225.26	0.009	No
Edge1 tilt	0.410		0.012		No.1 + No.3	0.422	196.27	0.001	No
Edge1 tilt	0.410			0.062	No.1 + No.4	0.472	256.64	0.001	No

Edge1 tilt reduction: UHF-RFID + WCDMA Band2 + WLAN 5.3G Main Ant + Bluetooth



Mode	Ant	No	X mm	Y mm	Z mm	Combination	d: Calculated distance (mm)
UHF-RFID	Main Ant	1	-19.50	105.00	-5.80		
WCDMA Band2	Main Ant	2	101.50	-85.00	-4.01	No1+No2	225.26
WLAN 5.3G	Main Ant	3	-75.80	-83.00	-2.85	No1+No3	196.27
Bluetooth	Aux Ant	4	64.20	-133.20	0.72	No1+No4	252.56

The Peak Location Separation Distance is computed by using the formula below:
 $\text{SQRT}((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)$

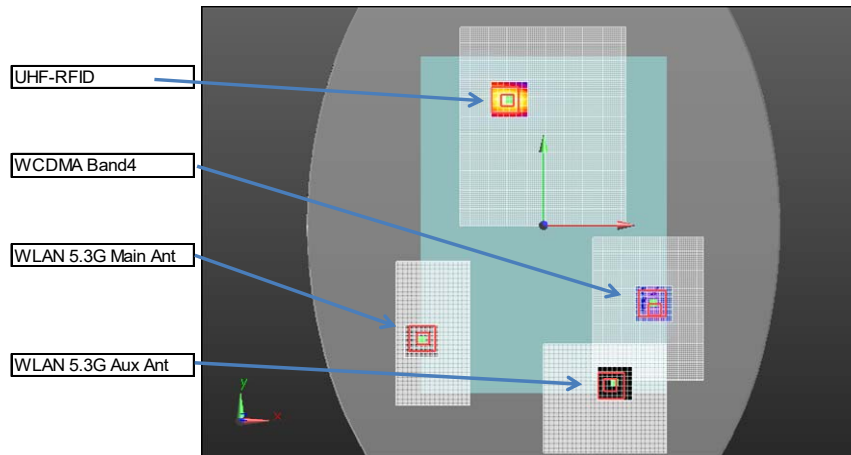
Test Position	No.1 UHF-RFID Main Ant	No.2 WCDMA Band2 Main Ant	No.3 WLAN 5.3G Main Ant	No.4 Bluetooth Aux Ant	Combination	Σ 1-g SAR (mW/g)	Calculated distance (mm)	SPLSR (≤ 0.04)	Volume Scan (Yes/ No)
Edge1 tilt	0.410	1.163			No.1 + No.2	1.573	225.26	0.009	No
Edge1 tilt	0.410		0.012		No.1 + No.3	0.422	196.27	0.001	No
Edge1 tilt	0.410			0.035	No.1 + No.4	0.445	252.56	0.001	No

Sum of the SAR for WCDMA 4 & WLAN Main 5.3GHz WLAN Aux 5.3GHz Bluetooth & UHF-RFID

Test Position	Mode					Sum of SAR (1g/Wkg)	Remarks
	WCDMA 4	WLAN Main 5.3GHz	WLAN Aux 5.3GHz	Bluetooth	UHF-RFID		
Edge1	0.589	0.000	0.014		0.012	0.615	
	0.589		0.014		0.012	0.615	
	0.589	0.000		0.041	0.012	0.642	
Edge1 Reduction	0.884	0.000	0.014		0.012	0.910	
	0.884		0.014		0.012	0.910	
	0.884	0.000		0.041	0.012	0.937	
Edge 2	0.069	0.000	0.000		0.132	0.201	
	0.069		0.000		0.132	0.201	
	0.069	0.000		0.000	0.132	0.201	
Edge 3	0.009	0.294	0.000		0.069	0.372	
	0.009		0.000		0.069	0.078	
	0.009	0.294		0.002	0.069	0.374	
Edge 4	0.291	0.020	0.223		0.400	0.934	
	0.291		0.223		0.400	0.914	
	0.291	0.020		0.208	0.400	0.919	
Rear2	0.930	0.041	0.046		0.703	1.720	
	0.930		0.046		0.703	1.679	
	0.930	0.041		0.005	0.703	1.679	
Edge1 tilt Reduction	0.372	0.012	0.062		0.410	0.856	
	0.372		0.062		0.410	0.844	
	0.372	0.012		0.035	0.410	0.829	
Edge2 tilt	0.141	0.000	0.400		0.645	1.186	
	0.141		0.400		0.645	1.186	
	0.141	0.000		0.400	0.645	1.186	
Edge3 tilt	0.026	0.195	0.004		0.856	1.081	
	0.026		0.004		0.856	0.886	
	0.026	0.195		0.000	0.856	1.077	

Rear2: UHF-RFID + WCDMA Band4 + WLAN 5.3G Main Ant + WLAN 5.3G Aux Ant

Combination UHF-RFID + WCDMA Band4 + WLAN 5.3G Main Ant + WLAN 5.3G Aux Ant

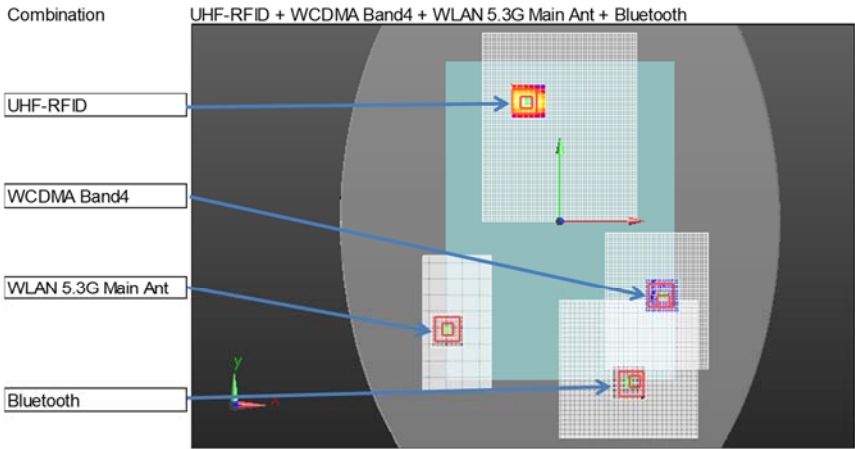


Mode	Ant	No	X mm	Y mm	Z mm	Combination	d: Calculated distance (mm)
UHF-RFID	Main Ant	1	-28.50	105.00	-6.55		
WCDMA Band4	Main Ant	2	91.50	-74.50	2.68	No1+No2	216.11
WLAN 5.3G	Main Ant	3	-97.00	-98.20	-2.31	No1+No3	214.48
WLAN 5.3G	Aux Ant	4	55.20	-134.00	-2.46	No1+No4	253.27

The Peak Location Separation Distance is computed by using the formula below:
 $\text{SQRT}((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)$

Test Position	No.1 UHF-RFID Main Ant	No.2 WCDMA Band4 Main Ant	No.3 WLAN 5.3G Main Ant	No.4 WLAN 5.3G Aux Ant	Combination	Σ 1-g SAR (mW/g)	Calculated distance (mm)	SPLSR (≤ 0.04)	Volume Scan (Yes/ No)
Rear2	0.703	0.930			No.1 + No.2	1.633	216.11	0.010	No
Rear2	0.703		0.041		No.1 + No.3	0.744	214.48	0.003	No
Rear2	0.703			0.046	No.1 + No.4	0.749	253.27	0.003	No

Rear2: UHF-RFID + WCDMA Band4 + WLAN 5.3G Main Ant + Bluetooth



Mode	Ant	No	X mm	Y mm	Z mm	Combination	d: Calculated distance (mm)
UHF-RFID	Main Ant	1	-28.50	105.00	-6.55		
WCDMA Band4	Main Ant	2	91.50	-74.50	2.68	No1+No2	216.11
WLAN 5.3G	Main Ant	3	-97.00	-98.20	-2.31	No1+No3	214.48
Bluetooth	Aux Ant	4	68.00	-140.00	0.64	No1+No4	263.42

The Peak Location Separation Distance is computed by using the formula below:
 $\text{SQRT}((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)$

Test Position	No.1 UHF-RFID Main Ant	No.2 WCDMA Band4 Main Ant	No.3 WLAN 5.3G Main Ant	No.4 Bluetooth Aux Ant	Combination	Σ 1-g SAR (mW/g)	Calculated distance (mm)	SPLSR (≤ 0.04)	Volume Scan (Yes/ No)
Rear2	0.703	0.930			No.1 + No.2	1.633	216.11	0.010	No
Rear2	0.703		0.041		No.1 + No.3	0.744	214.48	0.003	No
Rear2	0.703			0.005	No.1 + No.4	0.708	263.42	0.002	No

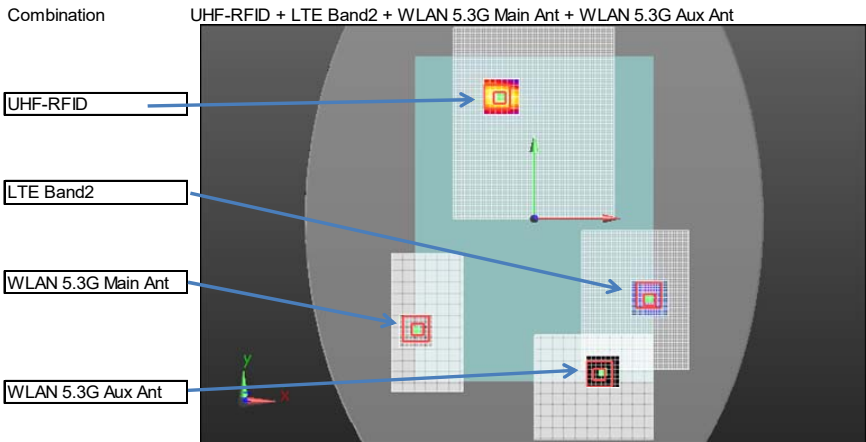
Sum of the SAR for WCDMA 5 & WLAN Main 5.3GHz WLAN Aux 5.3GHz Bluetooth & UHF-RFID

Test Position	Mode					Sum of SAR (1g/Wkg)	Remarks
	WCDMA 5	WLAN Main 5.3GHz	WLAN Aux 5.3GHz	Bluetooth	UHF-RFID		
Edge1	0.390	0.000	0.014		0.012	0.416	
	0.390		0.014		0.012	0.416	
	0.390	0.000		0.041	0.012	0.443	
Edge1 Reduction	1.158	0.000	0.014		0.012	1.184	
	1.158		0.014		0.012	1.184	
	1.158	0.000		0.041	0.012	1.211	
Edge 2	0.176	0.000	0.000		0.132	0.308	
	0.176		0.000		0.132	0.308	
	0.176	0.000		0.000	0.132	0.308	
Edge 3	0.020	0.294	0.000		0.069	0.383	
	0.020		0.000		0.069	0.089	
	0.020	0.294		0.002	0.069	0.385	
Edge 4	0.148	0.020	0.223		0.400	0.791	
	0.148		0.223		0.400	0.771	
	0.148	0.020		0.208	0.400	0.776	
Rear2	0.782	0.041	0.046		0.703	1.572	
	0.782		0.046		0.703	1.531	
	0.782	0.041		0.005	0.703	1.531	
Edge1 tilt Reduction	0.769	0.012	0.062		0.410	1.253	
	0.769		0.062		0.410	1.241	
	0.769	0.012		0.035	0.410	1.226	
Edge2 tilt	0.080	0.000	0.400		0.645	1.125	
	0.080		0.400		0.645	1.125	
	0.080	0.000		0.400	0.645	1.125	
Edge3 tilt	0.019	0.195	0.004		0.856	1.074	
	0.019		0.004		0.856	0.879	
	0.019	0.195		0.000	0.856	1.070	

Sum of the SAR for LTE 2 & WLAN Main 5.3GHz WLAN Aux 5.3GHz Bluetooth & UHF-RFID

Test Position	Mode					Sum of SAR (1g/Wkg)	Remarks
	LTE 2	WLAN Main 5.3GHz	WLAN Aux 5.3GHz	Bluetooth	UHF-RFID		
Edge1	0.571	0.000	0.014		0.012	0.597	
	0.571		0.014		0.012	0.597	
	0.571	0.000		0.041	0.012	0.624	
Edge1 Reduction	1.147	0.000	0.014		0.012	1.173	
	1.147		0.014		0.012	1.173	
	1.147	0.000		0.041	0.012	1.200	
Edge 2	0.063	0.000	0.000		0.132	0.195	
	0.063		0.000		0.132	0.195	
	0.063	0.000		0.000	0.132	0.195	
Edge 3	0.018	0.294	0.000		0.069	0.381	
	0.018		0.000		0.069	0.087	
	0.018	0.294		0.002	0.069	0.383	
Edge 4	0.400	0.020	0.223		0.400	1.043	
	0.400		0.223		0.400	1.023	
	0.400	0.020		0.208	0.400	1.028	
Rear2	0.976	0.041	0.046		0.703	1.766	
	0.976		0.046		0.703	1.725	
	0.976	0.041		0.005	0.703	1.725	
Edge1 tilt Reduction	1.084	0.012	0.062		0.410	1.568	
	1.084		0.062		0.410	1.556	
	1.084	0.012		0.035	0.410	1.541	
Edge2 tilt	0.125	0.000	0.400		0.645	1.170	
	0.125		0.400		0.645	1.170	
	0.125	0.000		0.400	0.645	1.170	
Edge3 tilt	0.024	0.195	0.004		0.856	1.079	
	0.024		0.004		0.856	0.884	
	0.024	0.195		0.000	0.856	1.075	

Rear2: UHF-RFID + LTE Band2 + WLAN 5.3G Main Ant + WLAN 5.3G Aux Ant

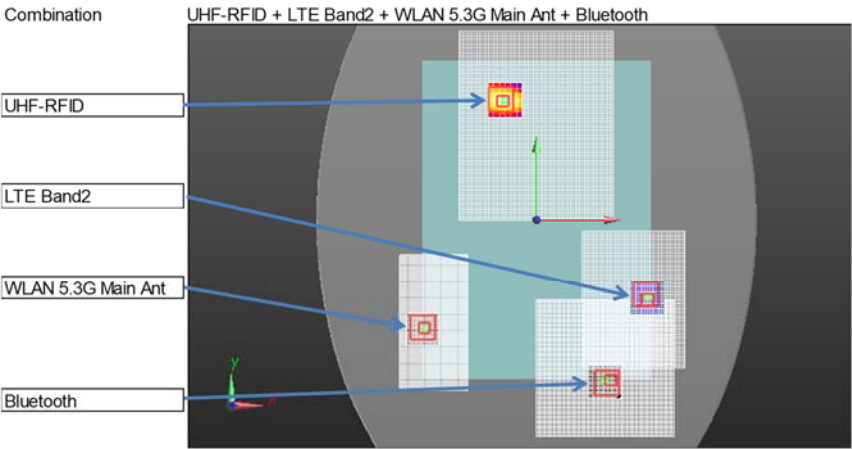


Mode	Ant	No	X mm	Y mm	Z mm	Combination	d: Calculated distance (mm)
UHF-RFID	Main Ant	1	-28.50	105.00	-6.55		
LTE Band2	Main Ant	2	97.00	-71.50	2.78	No1+No2	216.77
WLAN 5.3G	Main Ant	3	-97.00	-98.20	-2.31	No1+No3	214.48
WLAN 5.3G	Aux Ant	4	55.20	-134.00	-2.46	No1+No4	253.27

The Peak Location Separation Distance is computed by using the formula below:
 $\text{SQRT}((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)$

Test Position	No.1 UHF-RFID Main Ant	No.2 LTE Band2 Main Ant	No.3 WLAN 5.3G Main Ant	No.4 WLAN 5.3G Aux Ant	Combination	Σ 1-g SAR (mW/g)	Calculated distance (mm)	SPLSR (≤ 0.04)	Volume Scan (Yes/ No)
Rear2	0.703	0.976			No.1 + No.2	1.679	216.77	0.010	No
Rear2	0.703		0.041		No.1 + No.3	0.744	214.48	0.003	No
Rear2	0.703			0.046	No.1 + No.4	0.749	253.27	0.003	No

Rear2: UHF-RFID + LTE Band2 + WLAN 5.3G Main Ant + Bluetooth



Mode	Ant	No	X mm	Y mm	Z mm	Combination	d: Calculated distance (mm)
UHF-RFID	Main Ant	1	-28.50	105.00	-6.55		
LTE Band2	Main Ant	2	97.00	-71.50	2.78	No1+No2	216.77
WLAN 5.3G	Main Ant	3	-97.00	-98.20	-2.31	No1+No3	214.48
Bluetooth	Aux Ant	4	68.00	-140.00	0.64	No1+No4	263.42

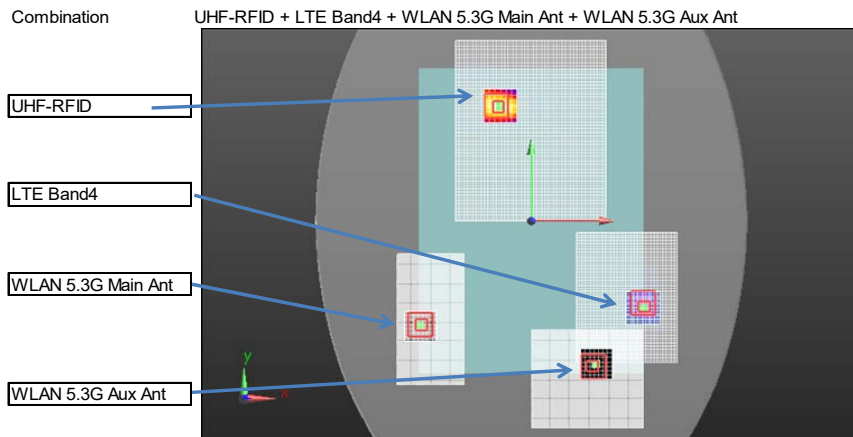
The Peak Location Separation Distance is computed by using the formula below:
 $\text{SQRT}((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)$

Test Position	No.1 UHF-RFID Main Ant	No.2 LTE Band2 Main Ant	No.3 WLAN 5.3G Main Ant	No.4 Bluetooth Aux Ant	Combination	Σ 1-g SAR (mW/g)	Calculated distance (mm)	SPLSR (≤ 0.04)	Volume Scan (Yes/ No)
Rear2	0.703	0.976			No.1 + No.2	1.679	216.77	0.010	No
Rear2	0.703		0.041		No.1 + No.3	0.744	214.48	0.003	No
Rear2	0.703			0.005	No.1 + No.4	0.708	263.42	0.002	No

Sum of the SAR for LTE 4 & WLAN Main 5.3GHz WLAN Aux 5.3GHz Bluetooth & UHF-RFID

Test Position	Mode					Sum of SAR (1g/Wkg)	Remarks
	LTE 4	WLAN Main 5.3GHz	WLAN Aux 5.3GHz	Bluetooth	UHF-RFID		
Edge1	0.547	0.000	0.014		0.012	0.573	
	0.547		0.014		0.012	0.573	
	0.547	0.000		0.041	0.012	0.600	
Edge1 Reduction	1.029	0.000	0.014		0.012	1.055	
	1.029		0.014		0.012	1.055	
	1.029	0.000		0.041	0.012	1.082	
Edge 2	0.062	0.000	0.000		0.132	0.194	
	0.062		0.000		0.132	0.194	
	0.062	0.000		0.000	0.132	0.194	
Edge 3	0.007	0.294	0.000		0.069	0.370	
	0.007		0.000		0.069	0.076	
	0.007	0.294		0.002	0.069	0.372	
Edge 4	0.244	0.020	0.223		0.400	0.887	
	0.244		0.223		0.400	0.867	
	0.244	0.020		0.208	0.400	0.872	
Rear2	1.053	0.041	0.046		0.703	1.843	
	1.053		0.046		0.703	1.802	
	1.053	0.041		0.005	0.703	1.802	
Edge1 tilt Reduction	0.452	0.012	0.062		0.410	0.936	
	0.452		0.062		0.410	0.924	
	0.452	0.012		0.035	0.410	0.909	
Edge2 tilt	0.185	0.000	0.400		0.645	1.230	
	0.185		0.400		0.645	1.230	
	0.185	0.000		0.400	0.645	1.230	
Edge3 tilt	0.028	0.195	0.004		0.856	1.083	
	0.028		0.004		0.856	0.888	
	0.028	0.195		0.000	0.856	1.079	

Rear2: UHF-RFID + LTE Band4 + WLAN 5.3G Main Ant + WLAN 5.3G Aux Ant

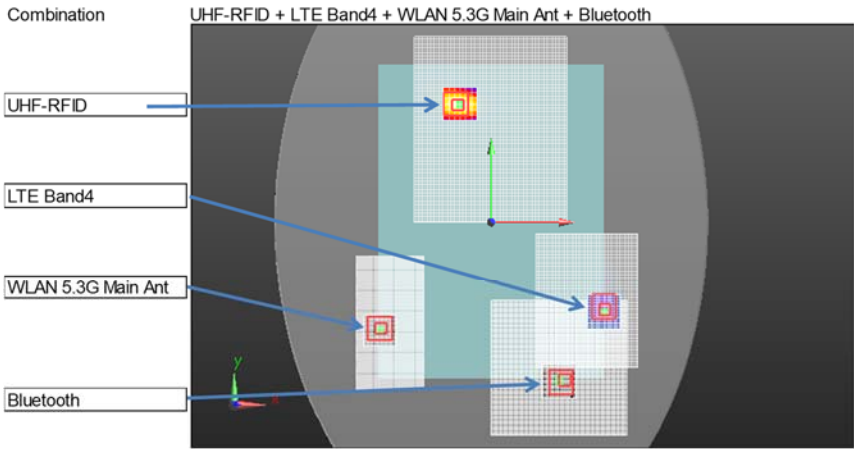


Mode	Ant	No	X mm	Y mm	Z mm	Combination	d: Calculated distance (mm)
UHF-RFID	Main Ant	1	-28.50	105.00	-6.55		
LTE Band4	Main Ant	2	102.00	-81.50	2.97	No1+No2	227.82
WLAN 5.3G	Main Ant	3	-97.00	-98.20	-2.31	No1+No3	214.48
WLAN 5.3G	Aux Ant	4	55.20	-134.00	-2.46	No1+No4	253.27

The Peak Location Separation Distance is computed by using the formula below:
 $\text{SQRT}((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)$

Test Position	No.1 UHF-RFID Main Ant	No.2 LTE Band4 Main Ant	No.3 WLAN 5.3G Main Ant	No.4 WLAN 5.3G Aux Ant	Combination	Σ 1-g SAR (mW/g)	Calculated distance (mm)	SPLSR (≤ 0.04)	Volume Scan (Yes/ No)
Rear2	0.703	1.053			No.1 + No.2	1.756	227.82	0.010	No
Rear2	0.703		0.041		No.1 + No.3	0.744	214.48	0.003	No
Rear2	0.703			0.046	No.1 + No.4	0.749	253.27	0.003	No

Rear2: UHF-RFID + LTE Band4 + WLAN 5.3G Main Ant + Bluetooth



Mode	Ant	No	X mm	Y mm	Z mm	Combination	d: Calculated distance (mm)
UHF-RFID	Main Ant	1	-28.50	105.00	-6.55		
LTE Band4	Main Ant	2	102.00	-81.50	2.97	No1+No2	227.82
WLAN 5.3G	Main Ant	3	-97.00	-98.20	-2.31	No1+No3	214.48
Bluetooth	Aux Ant	4	68.00	-140.00	0.64	No1+No4	263.42

The Peak Location Separation Distance is computed by using the formula below:
 $\text{SQRT}((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)$

Test Position	No.1 UHF-RFID Main Ant	No.2 LTE Band4 Main Ant	No.3 WLAN 5.3G Main Ant	No.4 Bluetooth Aux Ant	Combination	Σ 1-g SAR (mW/g)	Calculated distance (mm)	SPLSR (≤ 0.04)	Volume Scan (Yes/ No)
Rear2	0.703	1.053			No.1 + No.2	1.756	227.82	0.010	No
Rear2	0.703		0.041		No.1 + No.3	0.744	214.48	0.003	No
Rear2	0.703			0.005	No.1 + No.4	0.708	263.42	0.002	No

Sum of the SAR for LTE 5 & WLAN Main 5.3GHz WLAN Aux 5.3GHz Bluetooth & UHF-RFID

Test Position	Mode					Sum of SAR (1g/Wkg)	Remarks
	LTE 5	WLAN Main 5.3GHz	WLAN Aux 5.3GHz	Bluetooth	UHF-RFID		
Edge1	0.357	0.000	0.014		0.012	0.383	
	0.357		0.014		0.012	0.383	
	0.357	0.000		0.041	0.012	0.410	
Edge1 Reduction	1.184	0.000	0.014		0.012	1.210	
	1.184		0.014		0.012	1.210	
	1.184	0.000		0.041	0.012	1.237	
Edge 2	0.063	0.000	0.000		0.132	0.195	
	0.063		0.000		0.132	0.195	
	0.063	0.000		0.000	0.132	0.195	
Edge 3	0.024	0.294	0.000		0.069	0.387	
	0.024		0.000		0.069	0.093	
	0.024	0.294		0.002	0.069	0.389	
Edge 4	0.123	0.020	0.223		0.400	0.766	
	0.123		0.223		0.400	0.746	
	0.123	0.020		0.208	0.400	0.751	
Rear2	0.682	0.041	0.046		0.703	1.472	
	0.682		0.046		0.703	1.431	
	0.682	0.041		0.005	0.703	1.431	
Edge1 tilt Reduction	1.040	0.012	0.062		0.410	1.524	
	1.040		0.062		0.410	1.512	
	1.040	0.012		0.035	0.410	1.497	
Edge2 tilt	0.038	0.000	0.400		0.645	1.083	
	0.038		0.400		0.645	1.083	
	0.038	0.000		0.400	0.645	1.083	
Edge3 tilt	0.026	0.195	0.004		0.856	1.081	
	0.026		0.004		0.856	0.886	
	0.026	0.195		0.000	0.856	1.077	

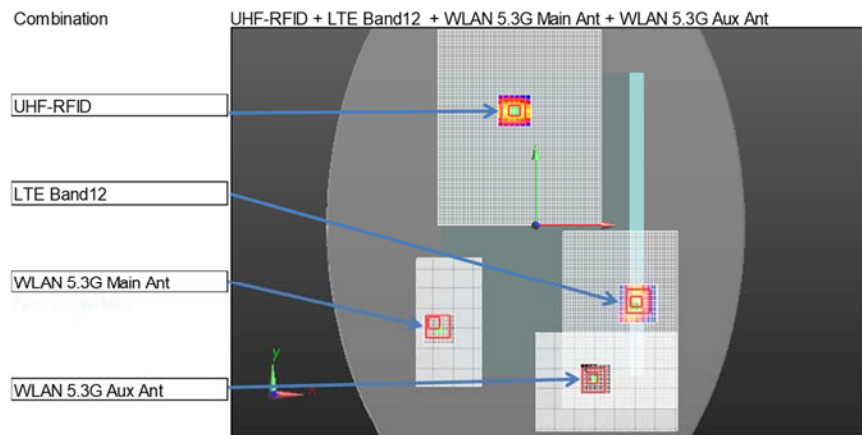
Sum of the SAR for LTE 7 & WLAN Main 5.3GHz WLAN Aux 5.3GHz Bluetooth & UHF-RFID

Test Position	Mode					Sum of SAR (1g/Wkg)	Remarks
	LTE 7	WLAN Main 5.3GHz	WLAN Aux 5.3GHz	Bluetooth	UHF-RFID		
Edge1	0.618	0.000	0.014		0.012	0.644	
	0.618		0.014		0.012	0.644	
	0.618	0.000		0.041	0.012	0.671	
Edge1 Reduction	1.001	0.000	0.014		0.012	1.027	
	1.001		0.014		0.012	1.027	
	1.001	0.000		0.041	0.012	1.054	
Edge 2	0.110	0.000	0.000		0.132	0.242	
	0.110		0.000		0.132	0.242	
	0.110	0.000		0.000	0.132	0.242	
Edge 3	0.000	0.294	0.000		0.069	0.363	
	0.000		0.000		0.069	0.069	
	0.000	0.294		0.002	0.069	0.365	
Edge 4	0.181	0.020	0.223		0.400	0.824	
	0.181		0.223		0.400	0.804	
	0.181	0.020		0.208	0.400	0.809	
Rear2	0.687	0.041	0.046		0.703	1.477	
	0.687		0.046		0.703	1.436	
	0.687	0.041		0.005	0.703	1.436	
Edge1 tilt Reduction	0.708	0.012	0.062		0.410	1.192	
	0.708		0.062		0.410	1.180	
	0.708	0.012		0.035	0.410	1.165	
Edge2 tilt	0.092	0.000	0.400		0.645	1.137	
	0.092		0.400		0.645	1.137	
	0.092	0.000		0.400	0.645	1.137	
Edge3 tilt	0.032	0.195	0.004		0.856	1.087	
	0.032		0.004		0.856	0.892	
	0.032	0.195		0.000	0.856	1.083	

Sum of the SAR for LTE 12 & WLAN Main 5.3GHz WLAN Aux 5.3GHz Bluetooth & UHF-RFID

Test Position	Mode					Sum of SAR (1g/Wkg)	Remarks
	LTE 12	WLAN Main 5.3GHz	WLAN Aux 5.3GHz	Bluetooth	UHF-RFID		
Edge1	0.195	0.000	0.014		0.012	0.221	
	0.195		0.014		0.012	0.221	
	0.195	0.000		0.041	0.012	0.248	
Edge1 Reduction	1.161	0.000	0.014		0.012	1.187	
	1.161		0.014		0.012	1.187	
	1.161	0.000		0.041	0.012	1.214	
Edge 2	0.026	0.000	0.000		0.132	0.158	
	0.026		0.000		0.132	0.158	
	0.026	0.000		0.000	0.132	0.158	
Edge 3	0.018	0.294	0.000		0.069	0.381	
	0.018		0.000		0.069	0.087	
	0.018	0.294		0.002	0.069	0.383	
Edge 4	0.136	0.020	0.223		0.400	0.779	
	0.136		0.223		0.400	0.759	
	0.136	0.020		0.208	0.400	0.764	
Rear2	0.612	0.041	0.046		0.703	1.402	
	0.612		0.046		0.703	1.361	
	0.612	0.041		0.005	0.703	1.361	
Edge1 tilt Reduction	1.135	0.012	0.062		0.410	1.619	
	1.135		0.062		0.410	1.607	
	1.135	0.012		0.035	0.410	1.592	
Edge2 tilt	0.058	0.000	0.400		0.645	1.103	
	0.058		0.400		0.645	1.103	
	0.058	0.000		0.400	0.645	1.103	
Edge3 tilt	0.035	0.195	0.004		0.856	1.090	
	0.035		0.004		0.856	0.895	
	0.035	0.195		0.000	0.856	1.086	

Edge1 tilt reduction: UHF-RFID + LTE Band12 + WLAN 5.3G Main Ant + WLAN 5.3G Aux Ant

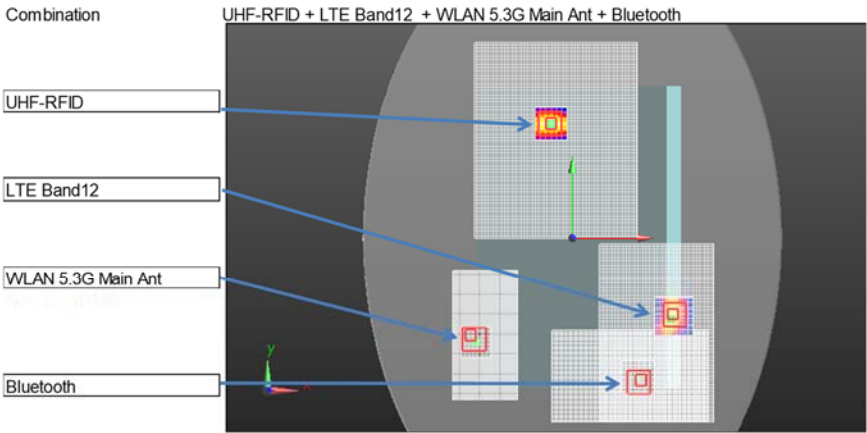


Mode	Ant	No	X mm	Y mm	Z mm	Combination	d: Calculated distance (mm)
UHF-RFID	Main Ant	1	-19.50	105.00	-5.80		
LTE Band12	Main Ant	2	92.00	-73.50	-5.20	No1+No2	210.46
WLAN 5.3G	Main Ant	3	-75.80	-83.00	-2.85	No1+No3	196.27
WLAN 5.3G	Aux Ant	4	56.20	-140.20	-2.25	No1+No4	256.64

The Peak Location Separation Distance is computed by using the formula below:
 $\text{SQRT}((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)$

Test Position	No.1 UHF-RFID Main Ant	No.2 LTE Band12 Main Ant	No.3 WLAN 5.3G Main Ant	No.4 WLAN 5.3G Aux Ant	Combination	Σ 1-g SAR (mW/g)	Calculated distance (mm)	SPLSR (≤ 0.04)	Volume Scan (Yes/ No)
Edge1 tilt	0.410	1.135			No.1 + No.2	1.545	210.46	0.009	No
Edge1 tilt	0.410		0.012		No.1 + No.3	0.422	196.27	0.001	No
Edge1 tilt	0.410			0.062	No.1 + No.4	0.472	256.64	0.001	No

Edge1 tilt reduction: UHF-RFID + LTE Band12 + WLAN 5.3G Main Ant + Bluetooth



Mode	Ant	No	X mm	Y mm	Z mm	Combination	d: Calculated distance (mm)
UHF-RFID	Main Ant	1	-19.50	105.00	-5.80		
LTE Band12	Main Ant	2	92.00	-73.50	-5.20	No1+No2	210.46
WLAN 5.3G	Main Ant	3	-75.80	-83.00	-2.85	No1+No3	196.27
Bluetooth	Aux Ant	4	64.20	-133.20	0.72	No1+No4	252.56

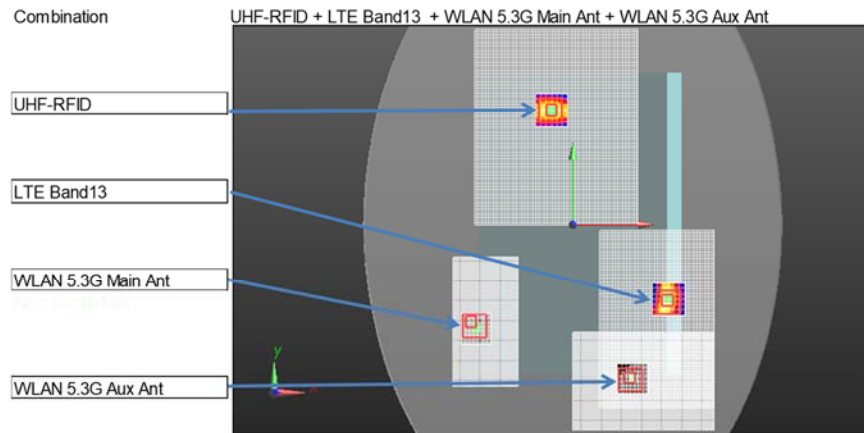
The Peak Location Separation Distance is computed by using the formula below:
 $\text{SQRT}((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)$

Test Position	No.1 UHF-RFID Main Ant	No.2 LTE Band12 Main Ant	No.3 WLAN 5.3G Main Ant	No.4 Bluetooth Aux Ant	Combination	Σ 1-g SAR (mW/g)	Calculated distance (mm)	SPLSR (≤ 0.04)	Volume Scan (Yes/ No)
Edge1 tilt	0.410	1.135			No.1 + No.2	1.545	210.46	0.009	No
Edge1 tilt	0.410		0.012		No.1 + No.3	0.422	196.27	0.001	No
Edge1 tilt	0.410			0.035	No.1 + No.4	0.445	252.56	0.001	No

Sum of the SAR for LTE 13 & WLAN Main 5.3GHz WLAN Aux 5.3GHz Bluetooth & UHF-RFID

Test Position	Mode					Sum of SAR (1g/Wkg)	Remarks
	LTE 13	WLAN Main 5.3GHz	WLAN Aux 5.3GHz	Bluetooth	UHF-RFID		
Edge1	0.237	0.000	0.014		0.012	0.263	
	0.237		0.014		0.012	0.263	
	0.237	0.000		0.041	0.012	0.290	
Edge1 Reduction	1.189	0.000	0.014		0.012	1.215	
	1.189		0.014		0.012	1.215	
	1.189	0.000		0.041	0.012	1.242	
Edge 2	0.035	0.000	0.000		0.132	0.167	
	0.035		0.000		0.132	0.167	
	0.035	0.000		0.000	0.132	0.167	
Edge 3	0.001	0.294	0.000		0.069	0.364	
	0.001		0.000		0.069	0.070	
	0.001	0.294		0.002	0.069	0.366	
Edge 4	0.061	0.020	0.223		0.400	0.704	
	0.061		0.223		0.400	0.684	
	0.061	0.020		0.208	0.400	0.689	
Rear2	0.431	0.041	0.046		0.703	1.221	
	0.431		0.046		0.703	1.180	
	0.431	0.041		0.005	0.703	1.180	
Edge1 tilt Reduction	1.164	0.012	0.062		0.410	1.648	
	1.164		0.062		0.410	1.636	
	1.164	0.012		0.035	0.410	1.621	
Edge2 tilt	0.048	0.000	0.400		0.645	1.093	
	0.048		0.400		0.645	1.093	
	0.048	0.000		0.400	0.645	1.093	
Edge3 tilt	0.021	0.195	0.004		0.856	1.076	
	0.021		0.004		0.856	0.881	
	0.021	0.195		0.000	0.856	1.072	

Edge1 tilt reduction: UHF-RFID + LTE Band13 + WLAN 5.3G Main Ant + WLAN 5.3G Aux Ant

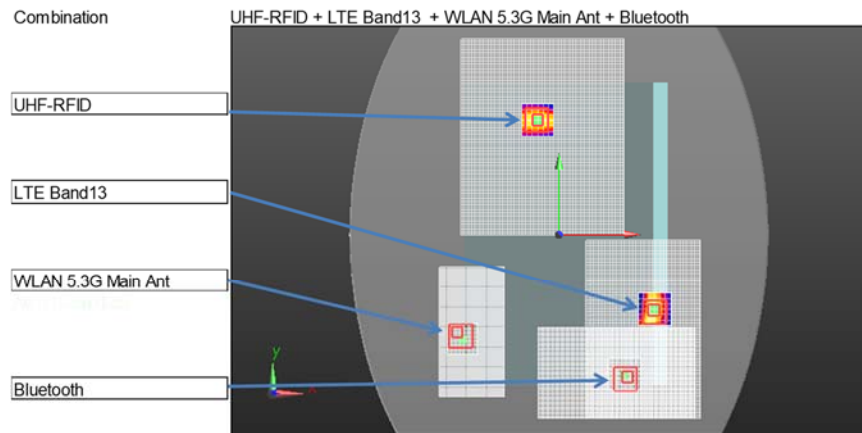


Mode	Ant	No	X mm	Y mm	Z mm	Combination	d: Calculated distance (mm)
UHF-RFID	Main Ant	1	-19.50	105.00	-5.80		
LTE Band13	Main Ant	2	86.00	-70.50	-5.66	No1+No2	204.77
WLAN 5.3G	Main Ant	3	-75.80	-83.00	-2.85	No1+No3	196.27
WLAN 5.3G	Aux Ant	4	56.20	-140.20	-2.25	No1+No4	256.64

The Peak Location Separation Distance is computed by using the formula below:
 $\text{SQRT}((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)$

Test Position	No.1 UHF-RFID Main Ant	No.2 LTE Band13 Main Ant	No.3 WLAN 5.3G Main Ant	No.4 WLAN 5.3G Aux Ant	Combination	Σ 1-g SAR (mW/g)	Calculated distance (mm)	SPLSR (≤ 0.04)	Volume Scan (Yes/ No)
Edge1 tilt	0.410	1.164			No.1 + No.2	1.574	204.77	0.010	No
Edge1 tilt	0.410		0.012		No.1 + No.3	0.422	196.27	0.001	No
Edge1 tilt	0.410			0.062	No.1 + No.4	0.472	256.64	0.001	No

Edge1 tilt reduction: UHF-RFID + LTE Band13 + WLAN 5.3G Main Ant + Bluetooth



Mode	Ant	No	X mm	Y mm	Z mm	Combination	d: Calculated distance (mm)
UHF-RFID	Main Ant	1	-19.50	105.00	-5.80		
LTE Band13	Main Ant	2	86.00	-70.50	-5.66	No1+No2	204.77
WLAN 5.3G	Main Ant	3	-75.80	-83.00	-2.85	No1+No3	196.27
Bluetooth	Aux Ant	4	64.20	-133.20	0.72	No1+No4	252.56

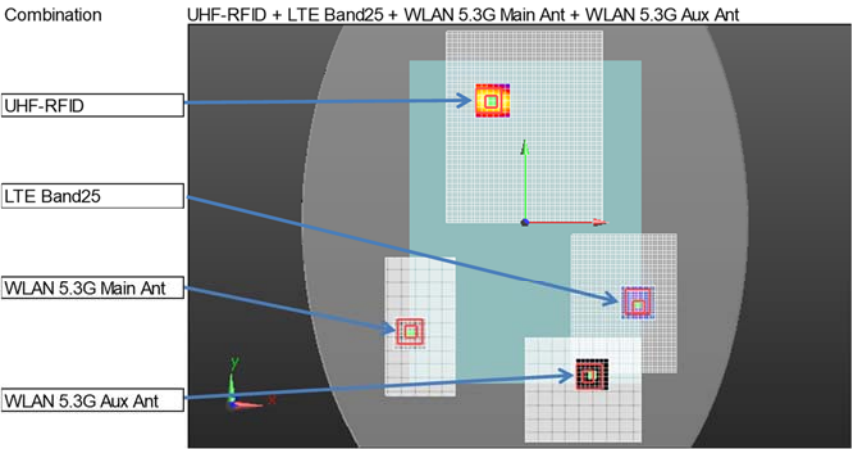
The Peak Location Separation Distance is computed by using the formula below:
 $\text{SQRT}((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)$

Test Position	No.1 UHF-RFID Main Ant	No.2 LTE Band13 Main Ant	No.3 WLAN 5.3G Main Ant	No.4 Bluetooth Aux Ant	Combination	Σ 1-g SAR (mW/g)	Calculated distance (mm)	SPLSR (≤ 0.04)	Volume Scan (Yes/ No)
Edge1 tilt	0.410	1.164			No.1 + No.2	1.574	204.77	0.010	No
Edge1 tilt	0.410		0.012		No.1 + No.3	0.422	196.27	0.001	No
Edge1 tilt	0.410			0.035	No.1 + No.4	0.445	252.56	0.001	No

Sum of the SAR for LTE 25 & WLAN Main 5.3GHz WLAN Aux 5.3GHz Bluetooth & UHF-RFID

Test Position	Mode					Sum of SAR (1g/Wkg)	Remarks
	LTE 25	WLAN Main 5.3GHz	WLAN Aux 5.3GHz	Bluetooth	UHF-RFID		
Edge1	0.516	0.000	0.014		0.012	0.542	
	0.516		0.014		0.012	0.542	
	0.516	0.000		0.041	0.012	0.569	
Edge1 Reduction	1.054	0.000	0.014		0.012	1.080	
	1.054		0.014		0.012	1.080	
	1.054	0.000		0.041	0.012	1.107	
Edge 2	0.060	0.000	0.000		0.132	0.192	
	0.060		0.000		0.132	0.192	
	0.060	0.000		0.000	0.132	0.192	
Edge 3	0.009	0.294	0.000		0.069	0.372	
	0.009		0.000		0.069	0.078	
	0.009	0.294		0.002	0.069	0.374	
Edge 4	0.397	0.020	0.223		0.400	1.040	
	0.397		0.223		0.400	1.020	
	0.397	0.020		0.208	0.400	1.025	
Rear2	0.985	0.041	0.046		0.703	1.775	
	0.985		0.046		0.703	1.734	
	0.985	0.041		0.005	0.703	1.734	
Edge1 tilt Reduction	0.908	0.012	0.062		0.410	1.392	
	0.908		0.062		0.410	1.380	
	0.908	0.012		0.035	0.410	1.365	
Edge2 tilt	0.129	0.000	0.400		0.645	1.174	
	0.129		0.400		0.645	1.174	
	0.129	0.000		0.400	0.645	1.174	
Edge3 tilt	0.030	0.195	0.004		0.856	1.085	
	0.030		0.004		0.856	0.890	
	0.030	0.195		0.000	0.856	1.081	

Rear2: UHF-RFID + LTE Band25 + WLAN 5.3G Main Ant + WLAN 5.3G Aux Ant

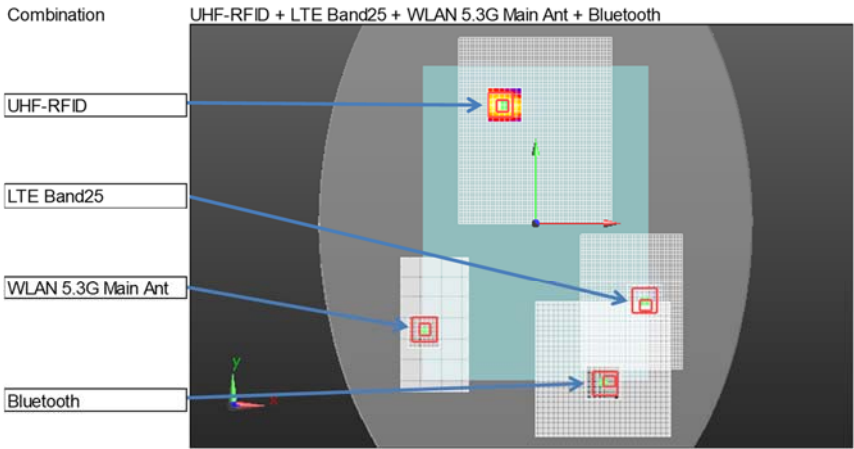


Mode	Ant	No	X mm	Y mm	Z mm	Combination	d: Calculated distance (mm)
UHF-RFID	Main Ant	1	-28.50	105.00	-6.55		
LTE Band25	Main Ant	2	98.00	-75.00	2.94	No1+No2	220.21
WLAN 5.3G	Main Ant	3	-97.00	-98.20	-2.31	No1+No3	214.48
WLAN 5.3G	Aux Ant	4	55.20	-134.00	-2.46	No1+No4	253.27

The Peak Location Separation Distance is computed by using the formula below:
 $\text{SQRT}((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)$

Test Position	No.1 UHF-RFID Main Ant	No.2 LTE Band25 Main Ant	No.3 WLAN 5.3G Main Ant	No.4 WLAN 5.3G Aux Ant	Combination	Σ 1-g SAR (mW/g)	Calculated distance (mm)	SPLSR (≤ 0.04)	Volume Scan (Yes/ No)
Rear2	0.703	0.985			No.1 + No.2	1.688	220.21	0.010	No
Rear2	0.703		0.041		No.1 + No.3	0.744	214.48	0.003	No
Rear2	0.703			0.046	No.1 + No.4	0.749	253.27	0.003	No

Rear2: UHF-RFID + LTE Band25 + WLAN 5.3G Main Ant + Bluetooth



Mode	Ant	No	X mm	Y mm	Z mm	Combination	d: Calculated distance (mm)
UHF-RFID	Main Ant	1	-28.50	105.00	-6.55		
LTE Band25	Main Ant	2	98.00	-75.00	2.94	No1+No2	220.21
WLAN 5.3G	Main Ant	3	-97.00	-98.20	-2.31	No1+No3	214.48
Bluetooth	Aux Ant	4	68.00	-140.00	0.64	No1+No4	263.42

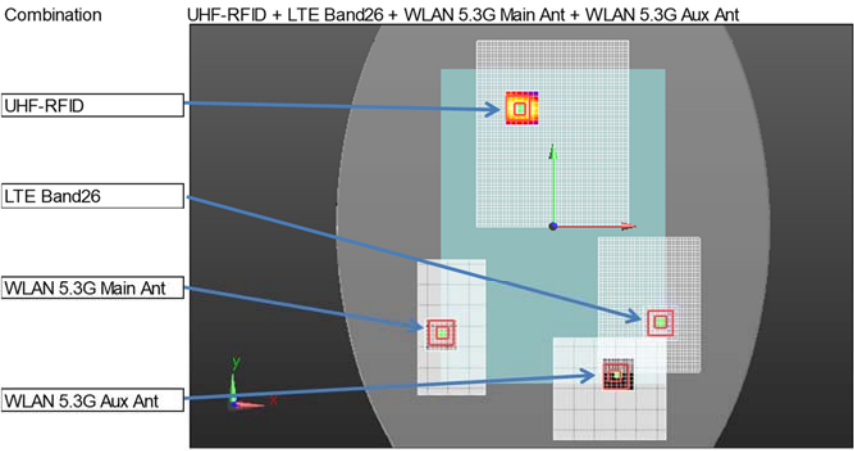
The Peak Location Separation Distance is computed by using the formula below:
 $\text{SQRT}((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)$

Test Position	No.1 UHF-RFID Main Ant	No.2 LTE Band25 Main Ant	No.3 WLAN 5.3G Main Ant	No.4 Bluetooth Aux Ant	Combination	Σ 1-g SAR (mW/g)	Calculated distance (mm)	SPLSR (≤ 0.04)	Volume Scan (Yes/ No)
Rear2	0.703	0.985			No.1 + No.2	1.688	220.21	0.010	No
Rear2	0.703		0.041		No.1 + No.3	0.744	214.48	0.003	No
Rear2	0.703			0.005	No.1 + No.4	0.708	263.42	0.002	No

Sum of the SAR for LTE 26 & WLAN Main 5.3GHz WLAN Aux 5.3GHz Bluetooth & UHF-RFID

Test Position	Mode					Sum of SAR (1g/Wkg)	Remarks
	LTE 26	WLAN Main 5.3GHz	WLAN Aux 5.3GHz	Bluetooth	UHF-RFID		
Edge1	0.262	0.000	0.014		0.012	0.288	
	0.262		0.014		0.012	0.288	
	0.262	0.000		0.041	0.012	0.315	
Edge1 Reduction	1.068	0.000	0.014		0.012	1.094	
	1.068		0.014		0.012	1.094	
	1.068	0.000		0.041	0.012	1.121	
Edge 2	0.094	0.000	0.000		0.132	0.226	
	0.094		0.000		0.132	0.226	
	0.094	0.000		0.000	0.132	0.226	
Edge 3	0.012	0.294	0.000		0.069	0.375	
	0.012		0.000		0.069	0.081	
	0.012	0.294		0.002	0.069	0.377	
Edge 4	0.041	0.020	0.223		0.400	0.684	
	0.041		0.223		0.400	0.664	
	0.041	0.020		0.208	0.400	0.669	
Rear2	1.022	0.041	0.046		0.703	1.812	
	1.022		0.046		0.703	1.771	
	1.022	0.041		0.005	0.703	1.771	
Edge1 tilt Reduction	0.681	0.012	0.062		0.410	1.165	
	0.681		0.062		0.410	1.153	
	0.681	0.012		0.035	0.410	1.138	
Edge2 tilt	0.089	0.000	0.400		0.645	1.134	
	0.089		0.400		0.645	1.134	
	0.089	0.000		0.400	0.645	1.134	
Edge3 tilt	0.047	0.195	0.004		0.856	1.102	
	0.047		0.004		0.856	0.907	
	0.047	0.195		0.000	0.856	1.098	

Rear2: UHF-RFID + LTE Band26 + WLAN 5.3G Main Ant + WLAN 5.3G Aux Ant

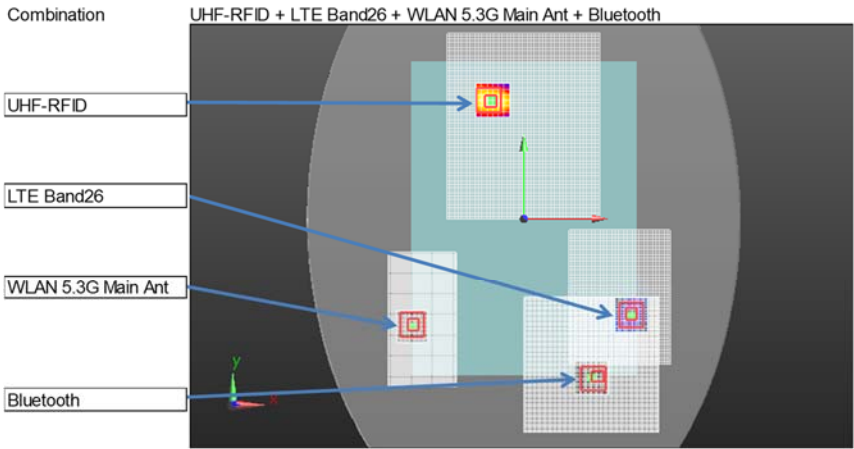


Mode	Ant	No	X mm	Y mm	Z mm	Combination	d: Calculated distance (mm)
UHF-RFID	Main Ant	1	-28.50	105.00	-6.55		
LTE Band26	Main Ant	2	94.50	-84.50	-2.59	No1+No2	225.95
WLAN 5.3G	Main Ant	3	-97.00	-98.20	-2.31	No1+No3	214.48
WLAN 5.3G	Aux Ant	4	55.20	-134.00	-2.46	No1+No4	253.27

The Peak Location Separation Distance is computed by using the formula below:
 $\text{SQRT}((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)$

Test Position	No.1 UHF-RFID Main Ant	No.2 LTE Band26 Main Ant	No.3 WLAN 5.3G Main Ant	No.4 WLAN 5.3G Aux Ant	Combination	Σ 1-g SAR (mW/g)	Calculated distance (mm)	SPLSR (≤ 0.04)	Volume Scan (Yes/ No)
Rear2	0.703	1.022			No.1 + No.2	1.725	225.95	0.010	No
Rear2	0.703		0.041		No.1 + No.3	0.744	214.48	0.003	No
Rear2	0.703			0.046	No.1 + No.4	0.749	253.27	0.003	No

Rear2: UHF-RFID + LTE Band26 + WLAN 5.3G Main Ant + Bluetooth



Mode	Ant	No	X mm	Y mm	Z mm	Combination	d: Calculated distance (mm)
UHF-RFID	Main Ant	1	-28.50	105.00	-6.65		
LTE Band26	Main Ant	2	94.50	-84.50	-2.59	No1+No2	225.95
WLAN 5.3G	Main Ant	3	-97.00	-98.20	-2.31	No1+No3	214.48
Bluetooth	Aux Ant	4	68.00	-140.00	0.64	No1+No4	263.42

The Peak Location Separation Distance is computed by using the formula below:
 $\text{SQRT}((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)$

Test Position	No.1 UHF-RFID Main Ant	No.2 LTE Band26 Main Ant	No.3 WLAN 5.3G Main Ant	No.4 Bluetooth Aux Ant	Combination	Σ 1-g SAR (mW/g)	Calculated distance (mm)	SPLSR (≤ 0.04)	Volume Scan (Yes/ No)
Rear2	0.703	1.022			No.1 + No.2	1.725	225.95	0.010	No
Rear2	0.703		0.041		No.1 + No.3	0.744	214.48	0.003	No
Rear2	0.703			0.005	No.1 + No.4	0.708	263.42	0.002	No

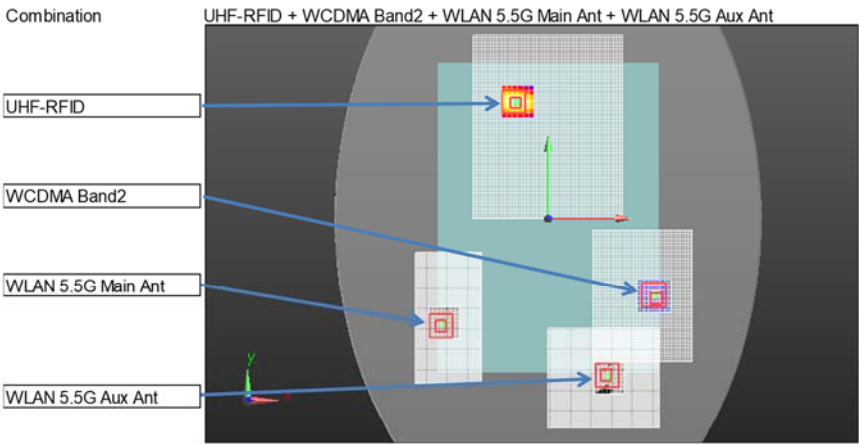
Sum of the SAR for LTE 41 & WLAN Main 5.3GHz WLAN Aux 5.3GHz Bluetooth & UHF-RFID

Test Position	Mode					Sum of SAR (1g/Wkg)	Remarks
	LTE 41	WLAN Main 5.3GHz	WLAN Aux 5.3GHz	Bluetooth	UHF-RFID		
Edge1	0.546	0.000	0.014		0.012	0.572	
	0.546		0.014		0.012	0.572	
	0.546	0.000		0.041	0.012	0.599	
Edge1 Reduction	0.957	0.000	0.014		0.012	0.983	
	0.957		0.014		0.012	0.983	
	0.957	0.000		0.041	0.012	1.010	
Edge 2	0.041	0.000	0.000		0.132	0.173	
	0.041		0.000		0.132	0.173	
	0.041	0.000		0.000	0.132	0.173	
Edge 3	0.007	0.294	0.000		0.069	0.370	
	0.007		0.000		0.069	0.076	
	0.007	0.294		0.002	0.069	0.372	
Edge 4	0.036	0.020	0.223		0.400	0.679	
	0.036		0.223		0.400	0.659	
	0.036	0.020		0.208	0.400	0.664	
Rear2	0.588	0.041	0.046		0.703	1.378	
	0.588		0.046		0.703	1.337	
	0.588	0.041		0.005	0.703	1.337	
Edge1 tilt Reduction	0.357	0.012	0.062		0.410	0.841	
	0.357		0.062		0.410	0.829	
	0.357	0.012		0.035	0.410	0.814	
Edge2 tilt	0.089	0.000	0.400		0.645	1.134	
	0.089		0.400		0.645	1.134	
	0.089	0.000		0.400	0.645	1.134	
Edge3 tilt	0.091	0.195	0.004		0.856	1.146	
	0.091		0.004		0.856	0.951	
	0.091	0.195		0.000	0.856	1.142	

Sum of the SAR for WCDMA 2 & WLAN Main 5.5GHz WLAN Aux 5.5GHz Bluetooth & UHF-RFID

	Mode					Sum of SAR (1g/Wkg)	Remarks
Test Position	WCDMA 2	WLAN Main 5.5GHz	WLAN Aux 5.5GHz	Bluetooth	UHF-RFID		
Edge1	0.582	0.000	0.012		0.012	0.606	
	0.582		0.012		0.012	0.606	
	0.582	0.000		0.041	0.012	0.635	
Edge1 Reduction	1.192	0.000	0.012		0.012	1.216	
	1.192		0.012		0.012	1.216	
	1.192	0.000		0.041	0.012	1.245	
Edge 2	0.087	0.000	0.000		0.132	0.219	
	0.087		0.000		0.132	0.219	
	0.087	0.000		0.000	0.132	0.219	
Edge 3	0.013	0.344	0.013		0.069	0.439	
	0.013		0.013		0.069	0.095	
	0.013	0.344		0.002	0.069	0.428	
Edge 4	0.290	0.000	0.539		0.400	1.229	
	0.290		0.539		0.400	1.229	
	0.290	0.000		0.208	0.400	0.898	
Rear2	0.949	0.040	0.048		0.703	1.740	
	0.949		0.048		0.703	1.700	
	0.949	0.040		0.005	0.703	1.697	
Edge1 tilt Reduction	1.163	0.007	0.050		0.410	1.630	
	1.163		0.050		0.410	1.623	
	1.163	0.007		0.035	0.410	1.615	
Edge2 tilt	0.126	0.000	0.400		0.645	1.171	
	0.126		0.400		0.645	1.171	
	0.126	0.000		0.400	0.645	1.171	
Edge3 tilt	0.023	0.214	0.000		0.856	1.093	
	0.023		0.000		0.856	0.879	
	0.023	0.214		0.000	0.856	1.093	

Rear2: UHF-RFID + WCDMA Band2 + WLAN 5.5G Main Ant + WLAN 5.5G Aux Ant



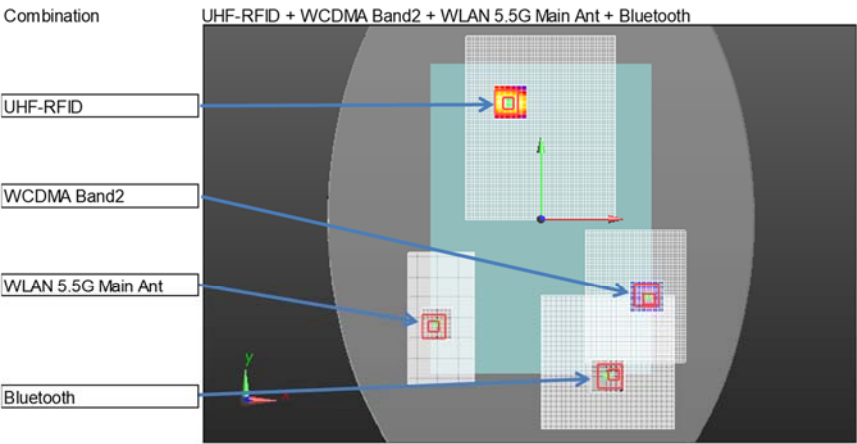
Mode	Ant	No	X mm	Y mm	Z mm	Combination	d: Calculated distance (mm)
UHF-RFID	Main Ant	1	-28.50	105.00	-6.55		
WCDMA Band2	Main Ant	2	97.50	-75.00	3.07	No1+No2	219.93
WLAN 5.5G	Main Ant	3	-88.00	-97.00	-2.32	No1+No3	210.62
WLAN 5.5G	Aux Ant	4	61.00	-143.00	-2.16	No1+No4	263.69

The Peak Location Separation Distance is computed by using the formula below:

$\text{SQRT}((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)$

Test Position	No.1 UHF-RFID Main Ant	No.2 WCDMA Band2 Main Ant	No.3 WLAN 5.5G Main Ant	No.4 WLAN 5.5G Aux Ant	Combination	Σ 1-g SAR (mW/g)	Calculated distance (mm)	SPLSR (≤ 0.04)	Volume Scan (Yes/ No)
Rear2	0.703	0.949			No. 1 + No.2	1.652	219.93	0.010	No
Rear2	0.703		0.040		No. 1 + No.3	0.743	210.62	0.003	No
Rear2	0.703			0.048	No. 1 + No.4	0.751	263.69	0.002	No

Rear2: UHF-RFID + WCDMA Band2 + WLAN 5.5G Main Ant + Bluetooth



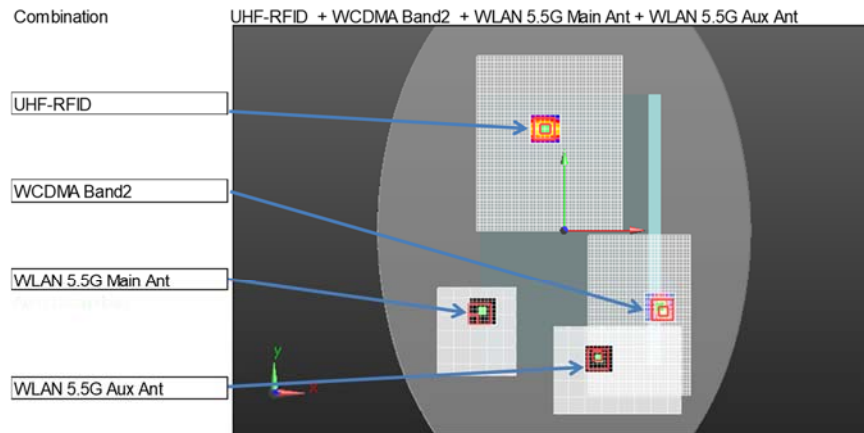
Mode	Ant	No	X mm	Y mm	Z mm	Combination	d: Calculated distance (mm)
UHF-RFID	Main Ant	1	-28.50	105.00	-6.55		
WCDMA Band2	Main Ant	2	97.50	-75.00	3.07	No1+No2	219.93
WLAN 5.5G	Main Ant	3	-88.00	-97.00	-2.32	No1+No3	210.62
Bluetooth	Aux Ant	4	68.00	-140.00	0.64	No1+No4	263.42

The Peak Location Separation Distance is computed by using the formula below:

$\text{SQRT}((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)$

Test Position	No.1 UHF-RFID Main Ant	No.2 WCDMA Band2 Main Ant	No.3 WLAN 5.5G Main Ant	No.4 Bluetooth Aux Ant	Combination	Σ 1-g SAR (mW/g)	Calculated distance (mm)	SPLSR (≤ 0.04)	Volume Scan (Yes/ No)
Rear2	0.703	0.949			No. 1 + No.2	1.652	219.93	0.010	No
Rear2	0.703		0.040		No. 1 + No.3	0.743	210.62	0.003	No
Rear2	0.703			0.005	No. 1 + No.4	0.708	263.42	0.002	No

Edge1 tilt reduction: UHF-RFID + WCDMA Band2 + WLAN 5.5G Main Ant + WLAN 5.5G Aux Ant

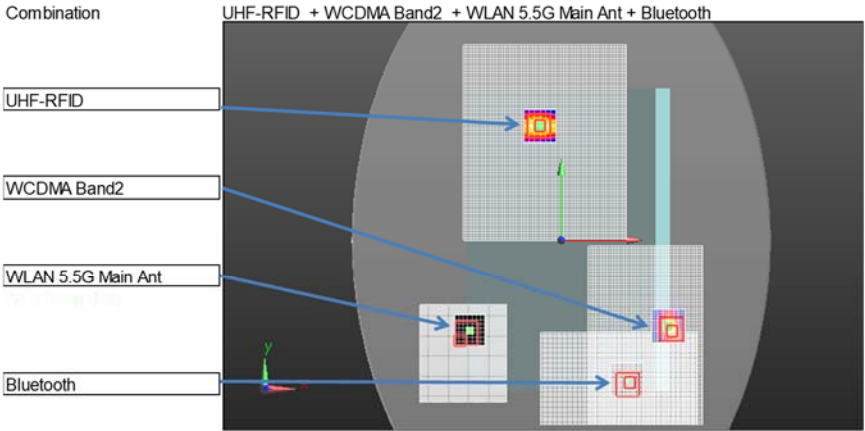


Mode	Ant	No	X mm	Y mm	Z mm	Combination	d: Calculated distance (mm)
UHF-RFID	Main Ant	1	-19.50	105.00	-5.80		
WCDMA Band2	Main Ant	2	101.50	-85.00	-4.01	No1+No2	225.26
WLAN 5.5G	Main Ant	3	-94.00	-90.00	-2.42	No1+No3	208.77
WLAN 5.5G	Aux Ant	4	34.00	-123.00	-2.66	No1+No4	234.21

The Peak Location Separation Distance is computed by using the formula below:
 $\text{SQRT}((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)$

Test Position	No.1 UHF-RFID Main Ant	No.2 WCDMA Band2 Main Ant	No.3 WLAN 5.5G Main Ant	No.4 WLAN 5.5G Aux Ant	Combination	Σ 1-g SAR (mW/g)	Calculated distance (mm)	SPLSR (≤ 0.04)	Volume Scan (Yes/ No)
Edge1 tilt	0.410	1.163			No.1 + No.2	1.573	225.26	0.009	No
Edge1 tilt	0.410		0.007		No.1 + No.3	0.417	208.77	0.001	No
Edge1 tilt	0.410			0.050	No.1 + No.4	0.460	234.21	0.001	No

Edge1 tilt reduction: UHF-RFID + WCDMA Band2 + WLAN 5.5G Main Ant + Bluetooth



Mode	Ant	No	X mm	Y mm	Z mm	Combination	d: Calculated distance (mm)
UHF-RFID	Main Ant	1	-19.50	105.00	-5.80		
WCDMA Band2	Main Ant	2	101.50	-85.00	-4.01	No1+No2	225.26
WLAN 5.5G	Main Ant	3	-94.00	-90.00	-2.42	No1+No3	208.77
Bluetooth	Aux Ant	4	64.20	-133.20	0.72	No1+No4	252.56

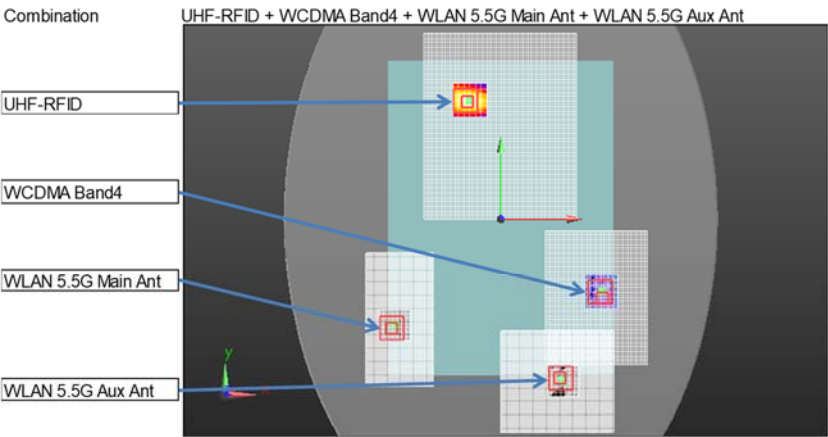
The Peak Location Separation Distance is computed by using the formula below:
 $\text{SQRT}((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)$

Test Position	No.1 UHF-RFID Main Ant	No.2 WCDMA Band2 Main Ant	No.3 WLAN 5.5G Main Ant	No.4 Bluetooth Aux Ant	Combination	Σ 1-g SAR (mW/g)	Calculated distance (mm)	SPLSR (≤ 0.04)	Volume Scan (Yes/ No)
Edge1 tilt	0.410	1.170			No.1 + No.2	1.580	225.26	0.009	No
Edge1 tilt	0.410		0.007		No.1 + No.3	0.417	208.77	0.001	No
Edge1 tilt	0.410			0.035	No.1 + No.4	0.445	252.56	0.001	No

Sum of the SAR for WCDMA 4 & WLAN Main 5.5GHz WLAN Aux 5.5GHz Bluetooth & UHF-RFID

Test Position	Mode					Sum of SAR (1g/Wkg)	Remarks
	WCDMA 4	WLAN Main 5.5GHz	WLAN Aux 5.5GHz	Bluetooth	UHF-RFID		
Edge1	0.589	0.000	0.012		0.012	0.613	
	0.589		0.012		0.012	0.613	
	0.589	0.000		0.041	0.012	0.642	
Edge1 Reduction	0.884	0.000	0.012		0.012	0.908	
	0.884		0.012		0.012	0.908	
	0.884	0.000		0.041	0.012	0.937	
Edge 2	0.069	0.000	0.000		0.132	0.201	
	0.069		0.000		0.132	0.201	
	0.069	0.000		0.000	0.132	0.201	
Edge 3	0.009	0.344	0.013		0.069	0.435	
	0.009		0.013		0.069	0.091	
	0.009	0.344		0.002	0.069	0.424	
Edge 4	0.291	0.000	0.539		0.400	1.230	
	0.291		0.539		0.400	1.230	
	0.291	0.000		0.208	0.400	0.899	
Rear2	0.930	0.040	0.048		0.703	1.721	
	0.930		0.048		0.703	1.681	
	0.930	0.040		0.005	0.703	1.678	
Edge1 tilt Reduction	0.372	0.007	0.050		0.410	0.839	
	0.372		0.050		0.410	0.832	
	0.372	0.007		0.035	0.410	0.824	
Edge2 tilt	0.141	0.000	0.400		0.645	1.186	
	0.141		0.400		0.645	1.186	
	0.141	0.000		0.400	0.645	1.186	
Edge3 tilt	0.026	0.214	0.000		0.856	1.096	
	0.026		0.000		0.856	0.882	
	0.026	0.214		0.000	0.856	1.096	

Rear2: UHF-RFID + WCDMA Band4 + WLAN 5.5G Main Ant + WLAN 5.5G Aux Ant

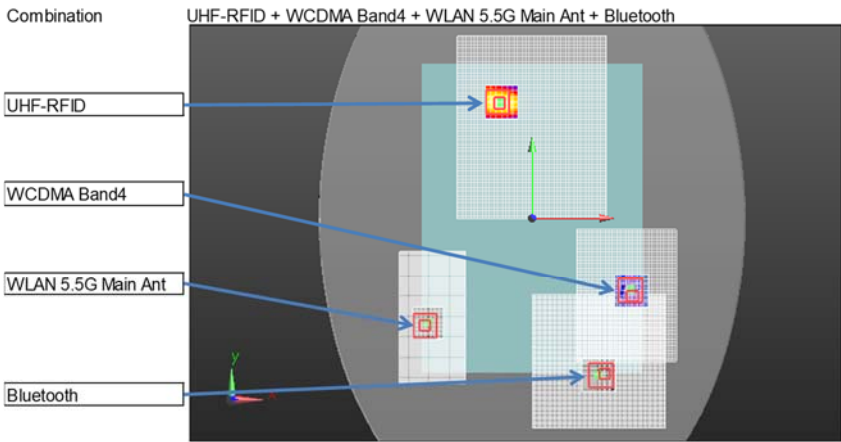


Mode	Ant	No	X mm	Y mm	Z mm	Combination	d: Calculated distance (mm)
UHF-RFID	Main Ant	1	-28.50	105.00	-6.55		
WCDMA Band4	Main Ant	2	91.50	-74.50	2.68	No1+No2	216.11
WLAN 5.5G	Main Ant	3	-88.00	-97.00	-2.32	No1+No3	210.62
WLAN 5.5G	Aux Ant	4	61.00	-143.00	-2.16	No1+No4	263.69

The Peak Location Separation Distance is computed by using the formula below:
 $\text{SQRT}((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)$

Test Position	No.1 UHF-RFID Main Ant	No.2 WCDMA Band4 Main Ant	No.3 WLAN 5.5G Main Ant	No.4 WLAN 5.5G Aux Ant	Combination	Σ 1-g SAR (mW/g)	Calculated distance (mm)	SPLSR (≤ 0.04)	Volume Scan (Yes/ No)
Rear2	0.703	0.930			No.1 + No.2	1.633	216.11	0.010	No
Rear2	0.703		0.040		No.1 + No.3	0.743	210.62	0.003	No
Rear2	0.703			0.048	No.1 + No.4	0.751	263.69	0.002	No

Rear2: UHF-RFID + WCDMA Band4 + WLAN 5.5G Main Ant + Bluetooth



Mode	Ant	No	X mm	Y mm	Z mm	Combination	d: Calculated distance (mm)
UHF-RFID	Main Ant	1	-28.50	105.00	-6.55		
WCDMA Band4	Main Ant	2	91.50	-74.50	2.68	No1+No2	216.11
WLAN 5.5G	Main Ant	3	-88.00	-97.00	-2.32	No1+No3	210.62
Bluetooth	Aux Ant	4	68.00	-140.00	0.64	No1+No4	263.42

The Peak Location Separation Distance is computed by using the formula below:
 $\text{SQRT}((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)$

Test Position	No.1 UHF-RFID Main Ant	No.2 WCDMA Band4 Main Ant	No.3 WLAN 5.5G Main Ant	No.4 Bluetooth Aux Ant	Combination	Σ 1-g SAR (mW/g)	Calculated distance (mm)	SPLSR (≤ 0.04)	Volume Scan (Yes/ No)
Rear2	0.703	0.930			No.1 + No.2	1.633	216.11	0.010	No
Rear2	0.703		0.040		No.1 + No.3	0.743	210.62	0.003	No
Rear2	0.703			0.005	No.1 + No.4	0.708	263.42	0.002	No

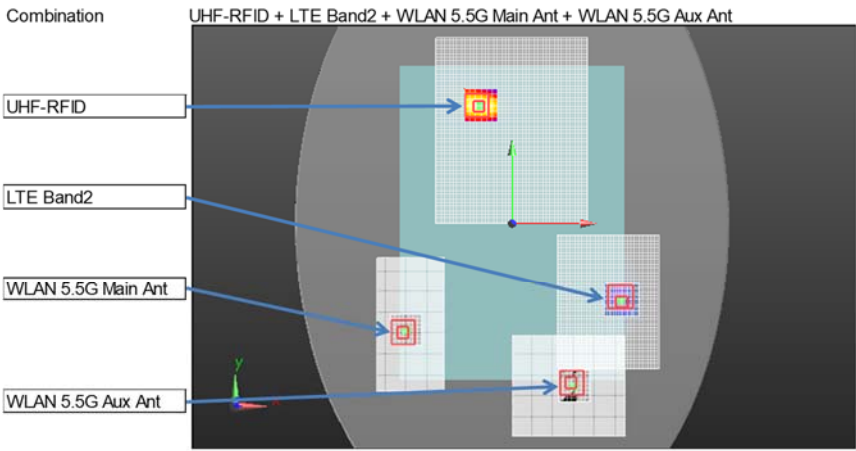
Sum of the SAR for WCDMA 5 & WLAN Main 5.5GHz WLAN Aux 5.5GHz Bluetooth & UHF-RFID

Test Position	Mode					Sum of SAR (1g/Wkg)	Remarks
	WCDMA 5	WLAN Main 5.5GHz	WLAN Aux 5.5GHz	Bluetooth	UHF-RFID		
Edge1	0.390	0.000	0.012		0.012	0.414	
	0.390		0.012		0.012	0.414	
	0.390	0.000		0.041	0.012	0.443	
Edge1 Reduction	1.158	0.000	0.012		0.012	1.182	
	1.158		0.012		0.012	1.182	
	1.158	0.000		0.041	0.012	1.211	
Edge 2	0.176	0.000	0.000		0.132	0.308	
	0.176		0.000		0.132	0.308	
	0.176	0.000		0.000	0.132	0.308	
Edge 3	0.020	0.344	0.013		0.069	0.446	
	0.020		0.013		0.069	0.102	
	0.020	0.344		0.002	0.069	0.435	
Edge 4	0.148	0.000	0.539		0.400	1.087	
	0.148		0.539		0.400	1.087	
	0.148	0.000		0.208	0.400	0.756	
Rear2	0.782	0.040	0.048		0.703	1.573	
	0.782		0.048		0.703	1.533	
	0.782	0.040		0.005	0.703	1.530	
Edge1 tilt Reduction	0.769	0.007	0.050		0.410	1.236	
	0.769		0.050		0.410	1.229	
	0.769	0.007		0.035	0.410	1.221	
Edge2 tilt	0.080	0.000	0.400		0.645	1.125	
	0.080		0.400		0.645	1.125	
	0.080	0.000		0.400	0.645	1.125	
Edge3 tilt	0.019	0.214	0.000		0.856	1.089	
	0.019		0.000		0.856	0.875	
	0.019	0.214		0.000	0.856	1.089	

Sum of the SAR for LTE 2 & WLAN Main 5.5GHzWLAN Aux 5.5GHz Bluetooth & UHF-RFID

Test Position	Mode					Sum of SAR (1g/Wkg)	Remarks
	LTE 2	WLAN Main 5.5GHz	WLAN Aux 5.5GHz	Bluetooth	UHF-RFID		
Edge1	0.571	0.000	0.012		0.012	0.595	
	0.571		0.012		0.012	0.595	
	0.571	0.000		0.041	0.012	0.624	
Edge1 Reduction	1.147	0.000	0.012		0.012	1.171	
	1.147		0.012		0.012	1.171	
	1.147	0.000		0.041	0.012	1.200	
Edge 2	0.063	0.000	0.000		0.132	0.195	
	0.063		0.000		0.132	0.195	
	0.063	0.000		0.000	0.132	0.195	
Edge 3	0.018	0.344	0.013		0.069	0.444	
	0.018		0.013		0.069	0.100	
	0.018	0.344		0.002	0.069	0.433	
Edge 4	0.400	0.000	0.539		0.400	1.339	
	0.400		0.539		0.400	1.339	
	0.400	0.000		0.208	0.400	1.008	
Rear2	0.976	0.040	0.048		0.703	1.767	
	0.976		0.048		0.703	1.727	
	0.976	0.040		0.005	0.703	1.724	
Edge1 tilt Reduction	1.084	0.007	0.050		0.410	1.551	
	1.084		0.050		0.410	1.544	
	1.084	0.007		0.035	0.410	1.536	
Edge2 tilt	0.125	0.000	0.400		0.645	1.170	
	0.125		0.400		0.645	1.170	
	0.125	0.000		0.400	0.645	1.170	
Edge3 tilt	0.024	0.214	0.000		0.856	1.094	
	0.024		0.000		0.856	0.880	
	0.024	0.214		0.000	0.856	1.094	

Rear2: UHF-RFID + LTE Band2 + WLAN 5.5G Main Ant + WLAN 5.5G Aux Ant



Mode	Ant	No	X mm	Y mm	Z mm	Combination	d: Calculated distance (mm)
UHF-RFID	Main Ant	1	-28.50	105.00	-6.55		
LTE Band2	Main Ant	2	97.00	-71.50	2.78	No1+No2	216.77
WLAN 5.5G	Main Ant	3	-88.00	-97.00	-2.32	No1+No3	210.62
WLAN 5.5G	Aux Ant	4	61.00	-143.00	-2.16	No1+No4	263.69

The Peak Location Separation Distance is computed by using the formula below:
 $\text{SQRT}((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)$

Test Position	No.1 UHF-RFID Main Ant	No.2 LTE Band2 Main Ant	No.3 WLAN 5.5G Main Ant	No.4 WLAN 5.5G Aux Ant	Combination	Σ 1-g SAR (mW/g)	Calculated distance (mm)	SPLSR (≤ 0.04)	Volume Scan (Yes/ No)
Rear2	0.703	0.976			No.1 + No.2	1.679	216.77	0.010	No
Rear2	0.703		0.040		No.1 + No.3	0.743	210.62	0.003	No
Rear2	0.703			0.048	No.1 + No.4	0.751	263.69	0.002	No