



<TDD LTE SAR>

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB Offset	Test Position	Gap (mm)	Power Mode	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)
	LTE Band 41	20M	QPSK	1	0	Front	0	Reduced	40620	2593	21.51	22.50	1.256	62.9	1.006	0.05	1.700	2.148
	LTE Band 41	20M	QPSK	1	0	Front	0	Reduced	39750	2506	21.21	22.50	1.346	62.9	1.006	0.06	1.670	2.261
	LTE Band 41	20M	QPSK	1	0	Front	0	Reduced	40185	2549.5	21.39	22.50	1.291	62.9	1.006	0.08	1.770	2.299
	LTE Band 41	20M	QPSK	1	0	Front	0	Reduced	41055	2636.5	21.30	22.50	1.318	62.9	1.006	-0.12	1.230	1.631
	LTE Band 41	20M	QPSK	1	0	Front	0	Reduced	41490	2680	21.29	22.50	1.321	62.9	1.006	0.02	1.020	1.356
	LTE Band 41	20M	QPSK	50	50	Front	0	Reduced	40620	2593	21.50	22.50	1.259	62.9	1.006	-0.04	1.540	1.950
	LTE Band 41	20M	QPSK	50	50	Front	0	Reduced	39750	2506	21.15	22.50	1.365	62.9	1.006	0.09	1.580	2.169
	LTE Band 41	20M	QPSK	50	50	Front	0	Reduced	40185	2549.5	21.30	22.50	1.318	62.9	1.006	0.09	1.650	2.188
	LTE Band 41	20M	QPSK	50	50	Front	0	Reduced	41055	2636.5	21.27	22.50	1.327	62.9	1.006	-0.09	1.180	1.576
	LTE Band 41	20M	QPSK	50	50	Front	0	Reduced	41490	2680	21.33	22.50	1.309	62.9	1.006	-0.05	0.936	1.233
	LTE Band 41	20M	QPSK	100	0	Front	0	Reduced	40620	2593	21.46	22.50	1.271	62.9	1.006	0.03	1.580	2.020
	LTE Band 41	20M	QPSK	1	0	Back	0	Reduced	40620	2593	21.51	22.50	1.256	62.9	1.006	0.01	2.090	2.641
	LTE Band 41	20M	QPSK	1	0	Back	0	Reduced	39750	2506	21.21	22.50	1.346	62.9	1.006	0.05	1.810	2.451
	LTE Band 41	20M	QPSK	1	0	Back	0	Reduced	40185	2549.5	21.39	22.50	1.291	62.9	1.006	0.05	2.060	2.676
	LTE Band 41	20M	QPSK	1	0	Back	0	Reduced	41055	2636.5	21.30	22.50	1.318	62.9	1.006	0.09	1.740	2.308
	LTE Band 41	20M	QPSK	1	0	Back	0	Reduced	41490	2680	21.29	22.50	1.321	62.9	1.006	0.07	1.370	1.821
	LTE Band 41	20M	QPSK	50	50	Back	0	Reduced	40620	2593	21.50	22.50	1.259	62.9	1.006	0.06	1.940	2.457
	LTE Band 41	20M	QPSK	50	50	Back	0	Reduced	39750	2506	21.15	22.50	1.365	62.9	1.006	0.08	1.860	2.553
	LTE Band 41	20M	QPSK	50	50	Back	0	Reduced	40185	2549.5	21.30	22.50	1.318	62.9	1.006	0.07	2.020	2.679
	LTE Band 41	20M	QPSK	50	50	Back	0	Reduced	41055	2636.5	21.27	22.50	1.327	62.9	1.006	0.03	1.590	2.123
	LTE Band 41	20M	QPSK	50	50	Back	0	Reduced	41490	2680	21.33	22.50	1.309	62.9	1.006	-0.19	1.230	1.620
	LTE Band 41	20M	QPSK	100	0	Back	0	Reduced	40620	2593	21.46	22.50	1.271	62.9	1.006	0.06	1.960	2.505
	LTE Band 41	20M	QPSK	1	0	Bottom Side	0	Reduced	40620	2593	21.51	22.50	1.256	62.9	1.006	-0.02	1.610	2.034
	LTE Band 41	20M	QPSK	1	0	Bottom Side	0	Reduced	39750	2506	21.21	22.50	1.346	62.9	1.006	-0.04	1.960	2.654
	LTE Band 41	20M	QPSK	1	0	Bottom Side	0	Reduced	40185	2549.5	21.39	22.50	1.291	62.9	1.006	-0.07	1.900	2.468
	LTE Band 41	20M	QPSK	1	0	Bottom Side	0	Reduced	41055	2636.5	21.30	22.50	1.318	62.9	1.006	-0.08	1.260	1.671
	LTE Band 41	20M	QPSK	1	0	Bottom Side	0	Reduced	41490	2680	21.29	22.50	1.321	62.9	1.006	-0.01	1.020	1.356
	LTE Band 41	20M	QPSK	50	50	Bottom Side	0	Reduced	40620	2593	21.50	22.50	1.259	62.9	1.006	0.08	1.550	1.963
72	LTE Band 41	20M	QPSK	50	50	Bottom Side	0	Reduced	39750	2506	21.15	22.50	1.365	62.9	1.006	-0.09	2.180	2.993
	LTE Band 41	20M	QPSK	50	50	Bottom Side	0	Reduced	40185	2549.5	21.30	22.50	1.318	62.9	1.006	-0.08	1.900	2.520
	LTE Band 41	20M	QPSK	50	50	Bottom Side	0	Reduced	41055	2636.5	21.27	22.50	1.327	62.9	1.006	-0.04	1.270	1.696
	LTE Band 41	20M	QPSK	50	50	Bottom Side	0	Reduced	41490	2680	21.33	22.50	1.309	62.9	1.006	-0.06	1.040	1.370
	LTE Band 41	20M	QPSK	100	0	Bottom Side	0	Reduced	40620	2593	21.46	22.50	1.271	62.9	1.006	-0.03	1.550	1.981

<WLAN 5GHz SAR>

Plot No.	Band	Mode	Test Position	Gap (mm)	Power Mode	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Max Area Scan SAR	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)
	WLAN5.3GHz	802.11a 6Mbps	Front	0	Full	64	5320	18.57	19.50	1.239	95.63	1.046	-0.02	2.260	0.337	0.437
73	WLAN5.3GHz	802.11a 6Mbps	Back	0	Full	64	5320	18.57	19.50	1.239	95.63	1.046	0.03	5.040	1.050	1.361
	WLAN5.3GHz	802.11a 6Mbps	Back	0	Full	52	5260	18.20	19.50	1.348	95.63	1.046	0.03		0.730	1.029
	WLAN5.3GHz	802.11a 6Mbps	Back	0	Full	56	5280	18.53	19.50	1.249	95.63	1.046	0.08		0.795	1.039
	WLAN5.3GHz	802.11a 6Mbps	Right Side	0	Full	64	5320	18.57	19.50	1.239	95.63	1.046		0.963		
	WLAN5.3GHz	802.11a 6Mbps	Top Side	0	Full	64	5320	18.57	19.50	1.239	95.63	1.046		0.430		
	WLAN 5.5GHz	802.11a 6Mbps	Front	0	Full	116	5580	18.55	19.50	1.245	95.63	1.046	0.01	1.648	0.194	0.253
	WLAN 5.5GHz	802.11a 6Mbps	Back	0	Full	116	5580	18.55	19.50	1.245	95.63	1.046	0.15	3.040	0.664	0.864
	WLAN 5.5GHz	802.11a 6Mbps	Back	0	Full	100	5500	18.40	19.50	1.287	95.63	1.046	0.02		0.616	0.829
74	WLAN 5.5GHz	802.11a 6Mbps	Back	0	Full	144	5720	17.44	19.00	1.431	95.63	1.046	0.09		0.778	1.164
	WLAN 5.5GHz	802.11a 6Mbps	Right Side	0	Full	116	5580	18.55	19.50	1.245	95.63	1.046		1.282		
	WLAN 5.5GHz	802.11a 6Mbps	Top Side	0	Full	116	5580	18.55	19.50	1.245	95.63	1.046		0.433		

15.5 Repeated SAR Measurement

<1g SAR>

No.	Band	Mode	BW (MHz)	Modulation	RB Size	RB Offset	Test Position	Gap (mm)	Power Mode	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Ratio	Reported 1g SAR (W/kg)
1st	WLAN5.3GHz	802.11a 6Mbps	-	-	-	-	Left Cheek	0	Reduced	64	5320	17.30	18.50	1.317	95.63	1.046	-0.01	0.844	1	1.163
2nd	WLAN5.3GHz	802.11a 6Mbps	-	-	-	-	Left Cheek	0	Reduced	64	5320	17.30	18.50	1.317	95.63	1.046	0.06	0.811	1.041	1.117
1st	GSM 850	GPRS 3 Tx slots	-	-	-	-	Back	5	Reduced	189	836.4	25.71	27.00	1.346	-	1.000	0.07	1.060	1	1.427
2nd	GSM 850	GPRS 3 Tx slots	-	-	-	-	Back	5	Reduced	189	836.4	25.71	27.00	1.346	-	1.000	-0.11	1.010	1.050	1.359
1st	CDMA2000 BC1	RTAP 153.6Kbps	-	-	-	-	Bottom Side	5	Reduced	25	1851.25	19.06	20.00	1.242	-	1.000	0.02	1.010	1	1.254
2nd	CDMA2000 BC1	RTAP 153.6Kbps	-	-	-	-	Bottom Side	5	Reduced	25	1851.25	19.06	20.00	1.242	-	1.000	0.09	0.989	1.021	1.228
1st	LTE Band 66	-	20	QPSK	50	24	Back	5	Reduced	132072	1720	18.13	19.50	1.371	-	1.000	0.05	0.967	1	1.326
2nd	LTE Band 66	-	20	QPSK	50	24	Back	5	Reduced	132072	1720	18.13	19.50	1.371	-	1.000	0.02	0.951	1.017	1.304
1st	LTE Band 41	-	20	QPSK	100	0	Back	5	Reduced	40620	2593	20.93	22.00	1.279	62.9	1.006	0.04	1.100	1	1.416
2nd	LTE Band 41	-	20	QPSK	100	0	Back	5	Reduced	40620	2593	20.93	22.00	1.279	62.9	1.006	-0.01	1.020	1.078	1.313
1st	WLAN2.4GHz	802.11b 1Mbps	-	-	-	-	Back	5	Full	6	2437	19.32	19.50	1.042	100	1.000	0.08	0.829	1	0.864
2nd	WLAN2.4GHz	802.11b 1Mbps	-	-	-	-	Back	5	Full	6	2437	19.32	19.50	1.042	100	1.000	0.09	0.809	1.025	0.843

<10g SAR>

No.	Band	Mode	BW (MHz)	Modulation	RB Size	RB Offset	Test Position	Gap (mm)	Power Mode	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 10g SAR (W/kg)	Ratio	Reported 10g SAR (W/kg)
1st	GSM 850	GPRS 3 Tx slots	-	-	-	-	Front	0	Full	128	824.2	28.63	30.00	1.371	1.000	0.01	2.370	1	3.249
2nd	GSM 850	GPRS 3 Tx slots	-	-	-	-	Front	0	Full	128	824.2	28.63	30.00	1.371	1.000	0.11	2.370	1.000	3.249
1st	CDMA2000 BC1	RTAP 153.6Kbps	-	-	-	-	Bottom Side	0	Reduced	600	1880	21.46	22.50	1.271	1.000	0.04	2.560	1	3.253
2nd	CDMA2000 BC1	RTAP 153.6Kbps	-	-	-	-	Bottom Side	0	Reduced	600	1880	21.46	22.50	1.271	1.000	-0.03	2.450	1.045	3.113
1st	LTE Band 7	-	20	QPSK	50	0	Bottom Side	0	Reduced	20850	2510	18.63	20.00	1.371	1.000	-0.06	2.500	1	3.427
2nd	LTE Band 7	-	20	QPSK	50	0	Bottom Side	0	Reduced	20850	2510	18.63	20.00	1.371	1.000	0.03	2.410	1.037	3.304

General Note:

1. Per KDB 865664 D01v01r04, for each frequency band, repeated SAR measurement is required only when the measured SAR is ≥ 0.8 W/kg.
2. Per KDB 865664 D01v01r04, if the ratio among the repeated measurement is ≤ 1.2 and the measured SAR < 1.45 W/kg, only one repeated measurement is required.
3. Per KDB 865664 D01v01r04, if the extremity repeated SAR is necessary, the same procedures should be adapted for measurements according to extremity and occupational exposure limits by applying a factor of 2.5 for extremity exposure and a factor of 5 for occupational exposure to the corresponding SAR thresholds.
4. The ratio is the difference in percentage between original and repeated *measured SAR*.
5. All measurement SAR result is scaled-up to account for tune-up tolerance and is compliant.

16. Simultaneous Transmission Analysis

No.	Simultaneous Transmission Configurations	Portable Handset			
		Head	Body-worn	Hotspot	Product specific 10g SAR
1.	GSM Voice + WLAN2.4GHz	Yes	Yes		
2.	GPRS/EDGE + WLAN2.4GHz	Yes	Yes	Yes	Yes
3.	WCDMA + WLAN2.4GHz	Yes	Yes	Yes	Yes
4.	CDMA + WLAN2.4GHz	Yes	Yes	Yes	Yes
5.	LTE + WLAN2.4GHz	Yes	Yes	Yes	Yes
6.	GSM Voice + WLAN5.3/5.5GHz	Yes	Yes		
7.	GPRS/EDGE + WLAN5.3/5.5GHz	Yes	Yes		Yes
8.	WCDMA + WLAN5.3/5.5GHz	Yes	Yes		Yes
9.	CDMA + WLAN5.3/5.5GHz	Yes	Yes		Yes
10.	LTE + WLAN5.3/5.5GHz	Yes	Yes		Yes
11.	GSM Voice + WLAN5.2/5.8GHz	Yes	Yes		
12.	GPRS/EDGE + WLAN5.2/5.8GHz	Yes	Yes	Yes	Yes
13.	WCDMA + WLAN5.2/5.8GHz	Yes	Yes	Yes	Yes
14.	CDMA + WLAN5.2/5.8GHz	Yes	Yes	Yes	Yes
15.	LTE + WLAN5.2/5.8GHz	Yes	Yes	Yes	Yes
16.	GSM Voice + Bluetooth	Yes	Yes		
17.	GPRS/EDGE + Bluetooth	Yes	Yes	Yes	Yes
18.	WCDMA + Bluetooth	Yes	Yes	Yes	Yes
19.	CDMA + Bluetooth	Yes	Yes	Yes	Yes
20.	LTE + Bluetooth	Yes	Yes	Yes	Yes
21.	Bluetooth + WLAN5.3/5.5GHz	Yes	Yes		Yes
22.	Bluetooth + WLAN5.2/5.8GHz	Yes	Yes	Yes	Yes
23.	GSM Voice + Bluetooth + WLAN5.3/5.5GHz	Yes	Yes		
24.	GPRS/EDGE + Bluetooth + WLAN5.3/5.5GHz	Yes	Yes		Yes
25.	WCDMA + Bluetooth + WLAN5.3/5.5GHz	Yes	Yes		Yes
26.	CDMA + Bluetooth + WLAN5.3/5.5GHz	Yes	Yes		Yes
27.	LTE + Bluetooth + WLAN5.3/5.5GHz	Yes	Yes		Yes
28.	GSM Voice + Bluetooth + WLAN5.2/5.8GHz	Yes	Yes		
29.	GPRS/EDGE + Bluetooth + WLAN5.2/5.8GHz	Yes	Yes	Yes	Yes
30.	WCDMA + Bluetooth + WLAN5.2/5.8GHz	Yes	Yes	Yes	Yes
31.	CDMA + Bluetooth + WLAN5.2/5.8GHz	Yes	Yes	Yes	Yes
32.	LTE + Bluetooth + WLAN5.2/5.8GHz	Yes	Yes	Yes	Yes

General Note:

1. This device supports VoIP in GPRS, EGPRS, WCDMA, CDMA and LTE (e.g. for 3rd-party VoIP), LTE supports VoLTE operation.
2. EUT will choose each GSM, CDMA, WCDMA and LTE according to the network signal condition; therefore, they will not operate simultaneously at any moment.
3. This device 2.4GHz WLAN support hotspot operation and Bluetooth support tethering applications.
4. This device 2.4GHz WLAN/ 5.2GHz WLAN/5.8GHz WLAN support hotspot operation, and 5.2GHz WLAN/5.8GHz WLAN supports WLAN Direct (GC/GO), and 5.3GHz / 5.5GHz supports WLAN Direct (GC only).
5. EUT will choose either WLAN 2.4GHz or WLAN 5GHz according to the network signal condition; therefore, 2.4GHz WLAN and 5GHz WLAN will not operate simultaneously at any moment though they have independent antenna.
6. WLAN 2.4GHz and Bluetooth share the same antenna so can't transmit simultaneously.
7. For simultaneously analysis, since the SAR summation of 3 transmitters can cover others combination of 2 transmitters, therefore in this section did not additional to evaluate 2TX combination of simultaneously transmission.
8. Chose the worst zoom scan SAR of WLAN correspondingly for co-located with WWAN analysis.
9. The reported SAR summation is calculated based on the same configuration and test position.
10. Per KDB 447498 D01v06, simultaneous transmission SAR is compliant if,
 - i) 1g Scalar SAR summation < 1.6W/kg and 10g Scalar SAR summation < 4.0W/kg.
 - ii) $SPLSR = (SAR1 + SAR2)^{1.5} / (\min. \text{separation distance, mm})$, and the peak separation distance is determined from the square root of $[(x1-x2)^2 + (y1-y2)^2 + (z1-z2)^2]$, where (x1, y1, z1) and (x2, y2, z2) are the coordinates of the extrapolated peak SAR locations in the zoom scan.
 - iii) If $SPLSR \leq 0.04$ for 1g SAR and $SPLSR \leq 0.10$ for 10g SAR, simultaneously transmission SAR measurement is not necessary.
 - iv) Simultaneously transmission SAR measurement, and the reported multi-band 1g SAR < 1.6W/kg and 10g SAR < 4.0W/kg.
 - v) The SPLSR calculated results please refer to section 16.5.

16.1 Head Exposure Conditions

WWAN Band		Exposure Position	1	2	3	4	1+2 Summed 1g SAR (W/kg)	1+3+4		
			WWAN	2.4GHz WLAN	5GHz WLAN	Bluetooth		Summed 1g SAR (W/kg)	Case No	SPLSR
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)				
GSM	GSM850	Right Cheek	0.514	0.261	0.253	0.044	0.78	0.81		
		Right Tilted	0.209	0.302	0.226	0.055	0.51	0.49		
		Left Cheek	0.375	0.816	1.163	0.130	1.19	1.67	#01	0.04
		Left Tilted	0.199	0.563	0.671	0.063	0.76	0.93		
	GSM1900	Right Cheek	0.052	0.261	0.253	0.044	0.31	0.35		
		Right Tilted	0.054	0.302	0.226	0.055	0.36	0.34		
		Left Cheek	0.102	0.816	1.163	0.130	0.92	1.40		
		Left Tilted	0.035	0.563	0.671	0.063	0.60	0.77		
WCDMA	Band V	Right Cheek	0.678	0.261	0.253	0.044	0.94	0.98		
		Right Tilted	0.279	0.302	0.226	0.055	0.58	0.56		
		Left Cheek	0.488	0.816	1.163	0.130	1.30	1.78	#02	0.04
		Left Tilted	0.249	0.563	0.671	0.063	0.81	0.98		
	Band IV	Right Cheek	0.103	0.261	0.253	0.044	0.36	0.40		
		Right Tilted	0.092	0.302	0.226	0.055	0.39	0.37		
		Left Cheek	0.284	0.816	1.163	0.130	1.10	1.58		
		Left Tilted	0.087	0.563	0.671	0.063	0.65	0.82		
	Band II	Right Cheek	0.126	0.261	0.253	0.044	0.39	0.42		
		Right Tilted	0.103	0.302	0.226	0.055	0.41	0.38		
		Left Cheek	0.220	0.816	1.163	0.130	1.04	1.51		
		Left Tilted	0.091	0.563	0.671	0.063	0.65	0.83		
CDMA2000	BC10	Right Cheek	0.266	0.261	0.253	0.044	0.53	0.56		
		Right Tilted	0.104	0.302	0.226	0.055	0.41	0.39		
		Left Cheek	0.181	0.816	1.163	0.130	1.00	1.47		
		Left Tilted	0.067	0.563	0.671	0.063	0.63	0.80		
	BC0	Right Cheek	0.523	0.261	0.253	0.044	0.78	0.82		
		Right Tilted	0.201	0.302	0.226	0.055	0.50	0.48		
		Left Cheek	0.339	0.816	1.163	0.130	1.16	1.63	#03	0.04
		Left Tilted	0.182	0.563	0.671	0.063	0.75	0.92		
	BC1	Right Cheek	0.131	0.261	0.253	0.044	0.39	0.43		
		Right Tilted	0.132	0.302	0.226	0.055	0.43	0.41		
		Left Cheek	0.196	0.816	1.163	0.130	1.01	1.49		
		Left Tilted	0.085	0.563	0.671	0.063	0.65	0.82		

WWAN Band		Exposure Position	1	2	3	4	1+2 Summed 1g SAR (W/kg)	1+3+4		
			WWAN	2.4GHz WLAN	5GHz WLAN	Bluetooth		Summed 1g SAR (W/kg)	Case No	SPLSR
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)				
LTE	Band 12	Right Cheek	0.420	0.261	0.253	0.044	0.68	0.72		
		Right Tilted	0.186	0.302	0.226	0.055	0.49	0.47		
		Left Cheek	0.322	0.816	1.163	0.130	1.14	1.62	#04	0.04
		Left Tilted	0.179	0.563	0.671	0.063	0.74	0.91		
	Band 13	Right Cheek	0.238	0.261	0.253	0.044	0.50	0.54		
		Right Tilted	0.086	0.302	0.226	0.055	0.39	0.37		
		Left Cheek	0.158	0.816	1.163	0.130	0.97	1.45		
		Left Tilted	0.084	0.563	0.671	0.063	0.65	0.82		
	Band 26	Right Cheek	0.663	0.261	0.253	0.044	0.92	0.96		
		Right Tilted	0.208	0.302	0.226	0.055	0.51	0.49		
		Left Cheek	0.356	0.816	1.163	0.130	1.17	1.65	#05	0.04
		Left Tilted	0.207	0.563	0.671	0.063	0.77	0.94		
	Band 66	Right Cheek	0.085	0.261	0.253	0.044	0.35	0.38		
		Right Tilted	0.072	0.302	0.226	0.055	0.37	0.35		
		Left Cheek	0.151	0.816	1.163	0.130	0.97	1.44		
		Left Tilted	0.110	0.563	0.671	0.063	0.67	0.84		
	Band 25	Right Cheek	0.084	0.261	0.253	0.044	0.35	0.38		
		Right Tilted	0.086	0.302	0.226	0.055	0.39	0.37		
		Left Cheek	0.184	0.816	1.163	0.130	1.00	1.48		
		Left Tilted	0.084	0.563	0.671	0.063	0.65	0.82		
	Band 7	Right Cheek	0.292	0.261	0.253	0.044	0.55	0.59		
		Right Tilted	0.217	0.302	0.226	0.055	0.52	0.50		
		Left Cheek	0.269	0.816	1.163	0.130	1.09	1.56		
		Left Tilted	0.117	0.563	0.671	0.063	0.68	0.85		
	Band 41	Right Cheek	0.109	0.261	0.253	0.044	0.37	0.41		
		Right Tilted	0.080	0.302	0.226	0.055	0.38	0.36		
		Left Cheek	0.245	0.816	1.163	0.130	1.06	1.54		
		Left Tilted	0.043	0.563	0.671	0.063	0.61	0.78		

16.2 Hotspot Exposure Conditions

WWAN Band		Exposure Position	1	2	3	4	1+2			1+3+4		
			WWAN	2.4GHz WLAN	5GHz WLAN	Bluetooth	Summed 1g SAR (W/kg)	Case No	SPLSR	Summed 1g SAR (W/kg)	Case No	SPLSR
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)						
GSM	GSM850	Front	1.175	0.463	0.191	0.046	1.64	#06	0.01	1.41		
		Back	1.427	0.864	0.575	0.084	2.29	#07	0.02	2.09	#08	0.02
		Left Side	0.154				0.15			0.15		
		Right Side	0.458	0.606	0.356	0.017	1.06			0.83		
		Top Side		0.408	0.575	0.046	0.41			0.62		
		Bottom Side	1.108				1.11			1.11		
	GSM1900	Front	0.937	0.463	0.191	0.046	1.40			1.17		
		Back	1.357	0.864	0.575	0.084	2.22	#09	0.03	2.02	#10	0.02
		Left Side	0.040				0.04			0.04		
		Right Side	0.438	0.606	0.356	0.017	1.04			0.81		
		Top Side		0.408	0.575	0.046	0.41			0.62		
		Bottom Side	1.052				1.05			1.05		
WCDMA	Band V	Front	0.859	0.463	0.191	0.046	1.32			1.10		
		Back	1.281	0.864	0.575	0.084	2.15	#11	0.02	1.94	#12	0.02
		Left Side	0.441				0.44			0.44		
		Right Side	0.154	0.606	0.356	0.017	0.76			0.53		
		Top Side		0.408	0.575	0.046	0.41			0.62		
		Bottom Side	0.603				0.60			0.60		
	Band IV	Front	1.146	0.463	0.191	0.046	1.61	#13	0.01	1.38		
		Back	1.267	0.864	0.575	0.084	2.13	#14	0.02	1.93	#15	0.02
		Left Side	0.049				0.05			0.05		
		Right Side	0.396	0.606	0.356	0.017	1.00			0.77		
		Top Side		0.408	0.575	0.046	0.41			0.62		
		Bottom Side	1.248				1.25			1.25		
	Band II	Front	0.852	0.463	0.191	0.046	1.32			1.09		
		Back	1.263	0.864	0.575	0.084	2.13	#16	0.02	1.92	#17	0.02
		Left Side	0.031				0.03			0.03		
		Right Side	0.308	0.606	0.356	0.017	0.91			0.68		
		Top Side		0.408	0.575	0.046	0.41			0.62		
		Bottom Side	1.147				1.15			1.15		
CDMA2000	BC10	Front	1.033	0.463	0.191	0.046	1.50			1.27		
		Back	1.154	0.864	0.575	0.084	2.02	#18	0.02	1.81	#19	0.02
		Left Side	0.170				0.17			0.17		
		Right Side	0.572	0.606	0.356	0.017	1.18			0.95		
		Top Side		0.408	0.575	0.046	0.41			0.62		
		Bottom Side	0.779				0.78			0.78		
	BC0	Front	1.191	0.463	0.191	0.046	1.65	#20	0.01	1.43		
		Back	1.326	0.864	0.575	0.084	2.19	#21	0.02	1.99	#22	0.02
		Left Side	0.158				0.16			0.16		
		Right Side	0.580	0.606	0.356	0.017	1.19			0.95		
		Top Side		0.408	0.575	0.046	0.41			0.62		
		Bottom Side	0.923				0.92			0.92		
	BC1	Front	0.715	0.463	0.191	0.046	1.18			0.95		
		Back	1.107	0.864	0.575	0.084	1.97	#23	0.02	1.77	#24	0.02
		Left Side	0.075				0.08			0.08		
		Right Side	0.569	0.606	0.356	0.017	1.18			0.94		
		Top Side		0.408	0.575	0.046	0.41			0.62		
		Bottom Side	1.254				1.25			1.25		



WWAN Band		Exposure Position	1	2	3	4	1+2			1+3+4		
			WWAN	2.4GHz WLAN	5GHz WLAN	Bluetooth	Summed 1g SAR (W/kg)	Case No	SPLSR	Summed 1g SAR (W/kg)	Case No	SPLSR
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)						
LTE	Band 12	Front	0.864	0.463	0.191	0.046	1.33			1.10		
		Back	1.087	0.864	0.575	0.084	1.95	#25	0.02	1.75	#26	0.02
		Left Side	0.365				0.37			0.37		
		Right Side	0.572	0.606	0.356	0.017	1.18			0.95		
		Top Side		0.408	0.575	0.046	0.41			0.62		
		Bottom Side	0.771				0.77			0.77		
	Band 13	Front	0.601	0.463	0.191	0.046	1.06			0.84		
		Back	0.705	0.864	0.575	0.084	1.57			1.36		
		Left Side	0.204				0.20			0.20		
		Right Side	0.539	0.606	0.356	0.017	1.15			0.91		
		Top Side		0.408	0.575	0.046	0.41			0.62		
		Bottom Side	0.593				0.59			0.59		
	Band 26	Front	1.003	0.463	0.191	0.046	1.47			1.24		
		Back	1.197	0.864	0.575	0.084	2.06	#27	0.02	1.86	#28	0.02
		Left Side	0.187				0.19			0.19		
		Right Side	0.511	0.606	0.356	0.017	1.12			0.88		
		Top Side		0.408	0.575	0.046	0.41			0.62		
		Bottom Side	0.835				0.84			0.84		
	Band 66	Front	0.928	0.463	0.191	0.046	1.39			1.17		
		Back	1.326	0.864	0.575	0.084	2.19	#29	0.02	1.99	#30	0.02
		Left Side	0.033				0.03			0.03		
		Right Side	0.383	0.606	0.356	0.017	0.99			0.76		
		Top Side		0.408	0.575	0.046	0.41			0.62		
		Bottom Side	1.109				1.11			1.11		
	Band 25	Front	0.746	0.463	0.191	0.046	1.21			0.98		
		Back	1.364	0.864	0.575	0.084	2.23	#31	0.03	2.02	#32	0.02
		Left Side	0.040				0.04			0.04		
		Right Side	0.438	0.606	0.356	0.017	1.04			0.81		
		Top Side		0.408	0.575	0.046	0.41			0.62		
		Bottom Side	1.114				1.11			1.11		
	Band 7	Front	1.203	0.463	0.191	0.046	1.67	#33	0.01	1.44		
		Back	1.329	0.864	0.575	0.084	2.19	#34	0.02	1.99	#35	0.02
		Left Side	0.175				0.18			0.18		
		Right Side		0.606	0.356	0.017	0.61			0.37		
		Top Side		0.408	0.575	0.046	0.41			0.62		
		Bottom Side	1.040				1.04			1.04		
	Band 41	Front	1.199	0.463	0.191	0.046	1.66	#36	0.01	1.44		
		Back	1.416	0.864	0.575	0.084	2.28	#37	0.02	2.08	#38	0.02
		Left Side	0.182				0.18			0.18		
		Right Side		0.606	0.356	0.017	0.61			0.37		
		Top Side		0.408	0.575	0.046	0.41			0.62		
		Bottom Side	1.092				1.09			1.09		

16.3 Body-Worn Accessory Exposure Conditions

WWAN Band	Exposure Position	1	2	3	4	1+2			1+3+4		
		WWAN	2.4GHz WLAN	5GHz WLAN	Bluetooth	Summed 1g SAR (W/kg)	Case No	SPLSR	Summed 1g SAR (W/kg)	Case No	SPLSR
		1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)						
GSM	GSM850	Front	1.175	0.463	0.256	0.046	1.64	#06	1.48		
		Back	1.427	0.864	0.575	0.084	2.29	#07	2.09	#08	0.01
		Back at 5mm Headset	1.305				1.31		1.31		
	GSM1900	Front	0.937	0.463	0.256	0.046	1.40		1.24		
		Back	1.357	0.864	0.575	0.084	2.22	#09	2.02	#10	0.02
		Back at 5mm Headset	1.130				1.13		1.13		
WCDMA	Band V	Front	0.859	0.463	0.256	0.046	1.32		1.16		
		Back	1.281	0.864	0.575	0.084	2.15	#11	1.94	#12	0.01
		Back at 5mm Headset	1.006				1.01		1.01		
	Band IV	Front	1.146	0.463	0.256	0.046	1.61	#13	1.45		
		Back	1.267	0.864	0.575	0.084	2.13	#14	1.93	#15	0.02
		Back at 5mm Headset	1.257				1.26		1.26		
	Band II	Front	0.852	0.463	0.256	0.046	1.32		1.15		
		Back	1.263	0.864	0.575	0.084	2.13	#16	1.92	#17	0.02
		Back at 5mm Headset	1.061				1.06		1.06		
CDMA2000	BC10	Front	1.171	0.463	0.256	0.046	1.63	#39	1.47		
		Back	1.343	0.864	0.575	0.084	2.21	#40	2.00	#41	0.02
		Back at 5mm Headset	0.960				0.96		0.96		
	BC0	Front	1.110	0.463	0.256	0.046	1.57		1.41		
		Back	1.306	0.864	0.575	0.084	2.17	#42	1.97	#43	0.02
		Back at 5mm Headset	1.221				1.22		1.22		
	BC1	Front	0.923	0.463	0.256	0.046	1.39		1.23		
		Back	1.377	0.864	0.575	0.084	2.24	#44	2.04	#45	0.02
		Back at 5mm Headset	1.304				1.30		1.30		
LTE	Band 12	Front	0.864	0.463	0.256	0.046	1.33		1.17		
		Back	1.087	0.864	0.575	0.084	1.95	#25	1.75	#26	0.02
	Band 13	Front	0.601	0.463	0.256	0.046	1.06		0.90		
		Back	0.705	0.864	0.575	0.084	1.57		1.36		
	Band 26	Front	1.003	0.463	0.256	0.046	1.47		1.31		
		Back	1.197	0.864	0.575	0.084	2.06	#27	1.86	#28	0.02
	Band 66	Front	0.928	0.463	0.256	0.046	1.39		1.23		
		Back	1.326	0.864	0.575	0.084	2.19	#29	1.99	#30	0.02
		Back at 5mm Headset	1.197				1.20		1.20		
	Band 25	Front	0.746	0.463	0.256	0.046	1.21		1.05		
		Back	1.364	0.864	0.575	0.084	2.23	#31	2.02	#32	0.02
		Back at 5mm Headset	1.205				1.21		1.21		
	Band 7	Front	1.203	0.463	0.256	0.046	1.67	#33	1.51		
		Back	1.329	0.864	0.575	0.084	2.19	#34	1.99	#35	0.02
		Back at 5mm Headset	1.293				1.29		1.29		
	Band 41	Front	1.199	0.463	0.256	0.046	1.66	#36	1.50		
		Back	1.416	0.864	0.575	0.084	2.28	#37	2.08	#38	0.02
		Back at 5mm Headset	1.313				1.31		1.31		

16.4 Product specific 10g SAR Exposure Conditions

WWAN Band		Exposure Position	1	2	1+2		
			WWAN	5GHz WLAN	Summed 10g SAR (W/kg)	Case No	SPLSR
			10g SAR (W/kg)	10g SAR (W/kg)			
GSM	GSM850	Front	3.249	0.437	3.69		
		Back	1.676	1.361	3.04		
		Bottom side	0.911		0.91		
	GSM1900	Back	2.537	1.361	3.90		
		Bottom side	2.378		2.38		
WCDMA	Band V	Front	1.923	0.437	2.36		
		Back	3.079	1.361	4.44	#46	0.06
		Bottom side	1.016		1.02		
	Band IV	Front	2.201	0.437	2.64		
		Back	2.577	1.361	3.94		
		Bottom side	2.509		2.51		
	Band II	Front	1.805	0.437	2.24		
		Back	2.472	1.361	3.83		
		Bottom side	1.792		1.79		
CDMA2000	BC10	Front	2.275	0.437	2.71		
		Back	2.275	1.361	3.64		
		Bottom side	1.434		1.43		
	BC0	Front	2.160	0.437	2.60		
		Back	1.771	1.361	3.13		
		Bottom side	1.050		1.05		
	BC1	Back	3.066	1.361	4.43	#47	0.07
		Bottom side	3.253		3.25		
LTE	Band 26	Front	2.028	0.437	2.47		
		Back	1.833	1.361	3.19		
		Bottom side	1.134		1.13		
	Band 66	Front	2.116	0.437	2.55		
		Back	2.596	1.361	3.96		
		Bottom side	2.507		2.51		
	Band 25	Back	2.448	1.361	3.81		
		Bottom side	2.640		2.64		
	Band 7	Front	2.571	0.437	3.01		
		Back	2.831	1.361	4.19	#48	0.06
		Bottom side	3.427		3.43		
	Band 41	Front	2.299	0.437	2.74		
		Back	2.679	1.361	4.04	#49	0.05
		Bottom side	2.993		2.99		

Remark:

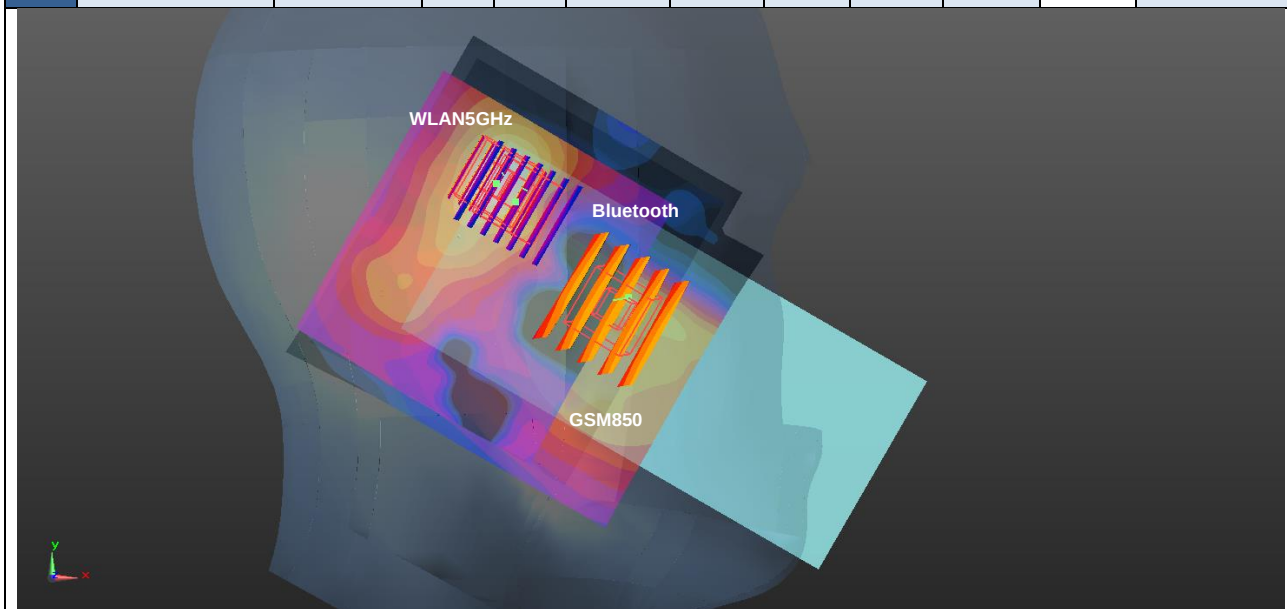
1. For Bluetooth Product specific 10g stand-alone SAR is not required for a transmitter or antenna, due to 1g hotspot SAR is <1.2W/kg.
2. If $SPLSR \leq 0.10$ for 10g SAR, simultaneously transmission SAR measurement is not necessary

16.5 SPLSR Evaluation and Analysis

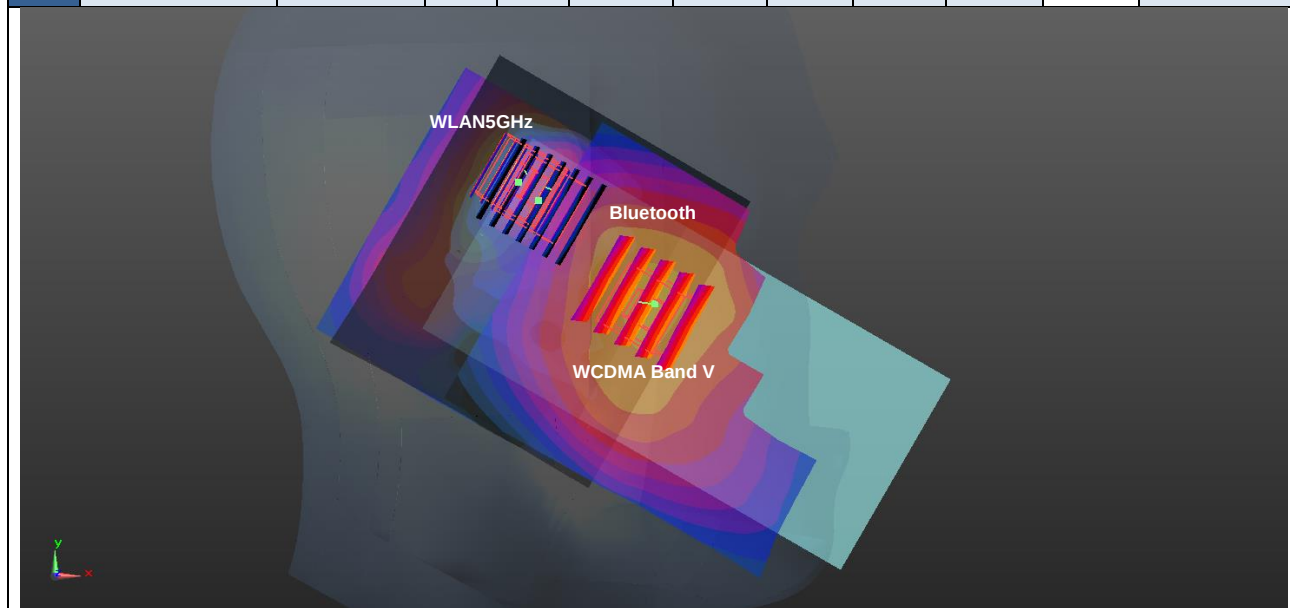
General Note:

1. When standalone SAR is measured for both antennas in the pair, the peak location separation distance is computed by the square root of $[(x1-x2)^2 + (y1-y2)^2 + (z1-z2)^2]$, where (x1, y1, z1) and (x2, y2, z2) are the coordinates in the area scans or extrapolated peak SAR locations in the zoom scans, as appropriate.
2. $SPLSR = (SAR1 + SAR2)1.5 / (\text{min. separation distance, mm})$. If $SPLSR \leq 0.04$ for 1g SAR and $SPLSR \leq 0.10$ for 10g SAR, simultaneously transmission SAR measurement is not necessary.
3. When some bands have two cubes(cube 0 and cube 1), the higher reported SAR chose to do SPLSR analysis.

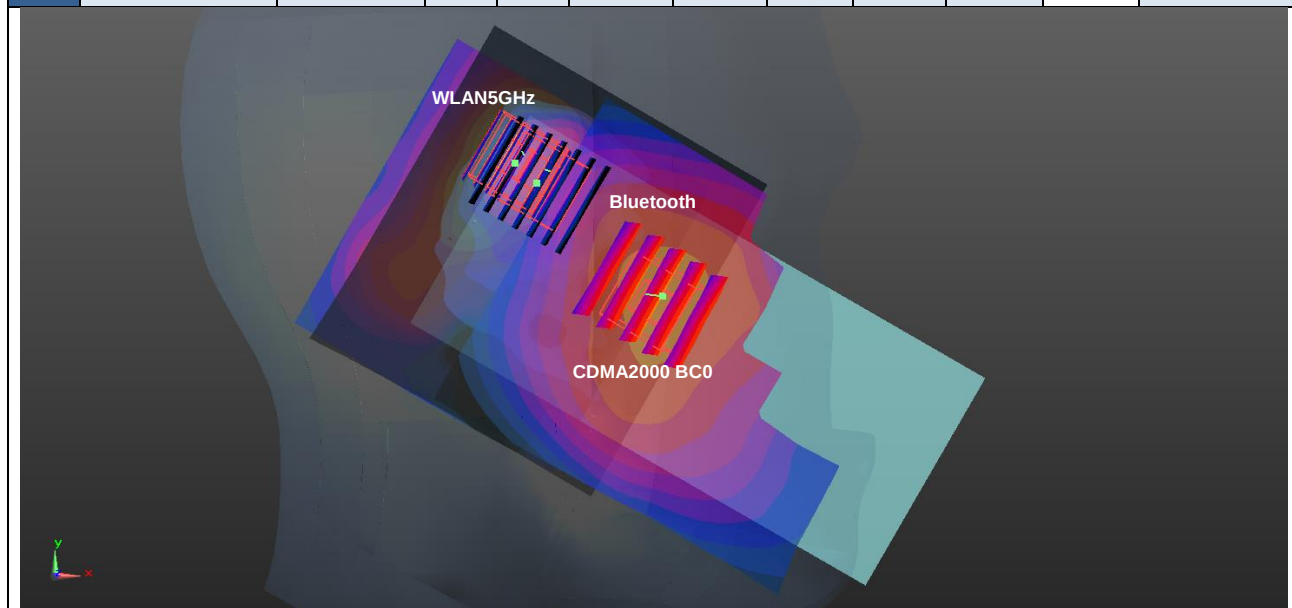
	Band	Position	SAR (W/kg)	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
				(mm)	X	Y	Z				
Case #01	GSM850	Left Cheek	0.375	0mm	52.69	-22.17	-0.84	52.5	1.67	0.04	Not required
	WLAN5GHz		1.163	0mm	22.44	20.71	0.51				
	Bluetooth		0.130	0mm	19.63	16.59	-2.6				
	GSM850	Left Cheek	0.375	0mm	52.69	-22.17	-0.84	51.0	1.67	0.04	Not required
	Bluetooth		0.130	0mm	19.63	16.59	-2.6				
	WLAN5GHz		1.163	0mm	22.44	20.71	0.51				



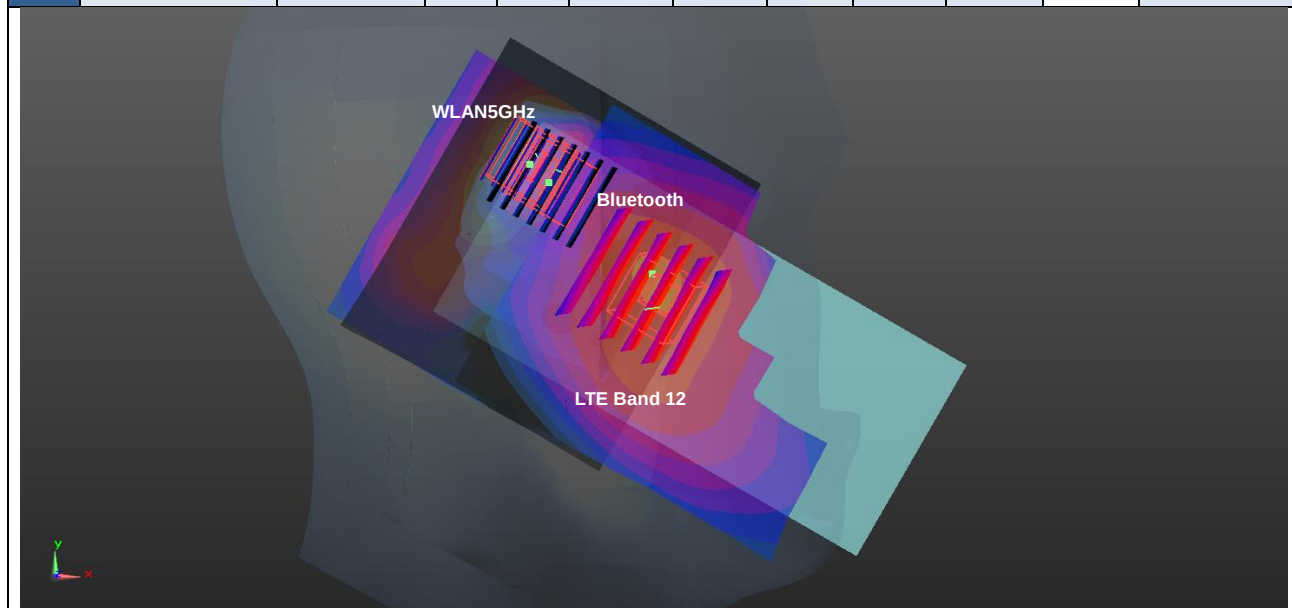
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Case #02	WCDMA Band V	Left Cheek	0.488	0mm	52.63	-25.57	-1.92	55.3	1.78	0.04	Not required
	WLAN5GHz		1.163	0mm	22.44	20.71	0.51				
	Bluetooth		0.130	0mm	19.63	16.59	-2.6				
	WCDMA Band V	Left Cheek	0.488	0mm	52.63	-25.57	-1.92	53.5	1.78	0.04	Not required
	Bluetooth		0.130	0mm	19.63	16.59	-2.6				
	WLAN5GHz		1.163	0mm	22.44	20.71	0.51				



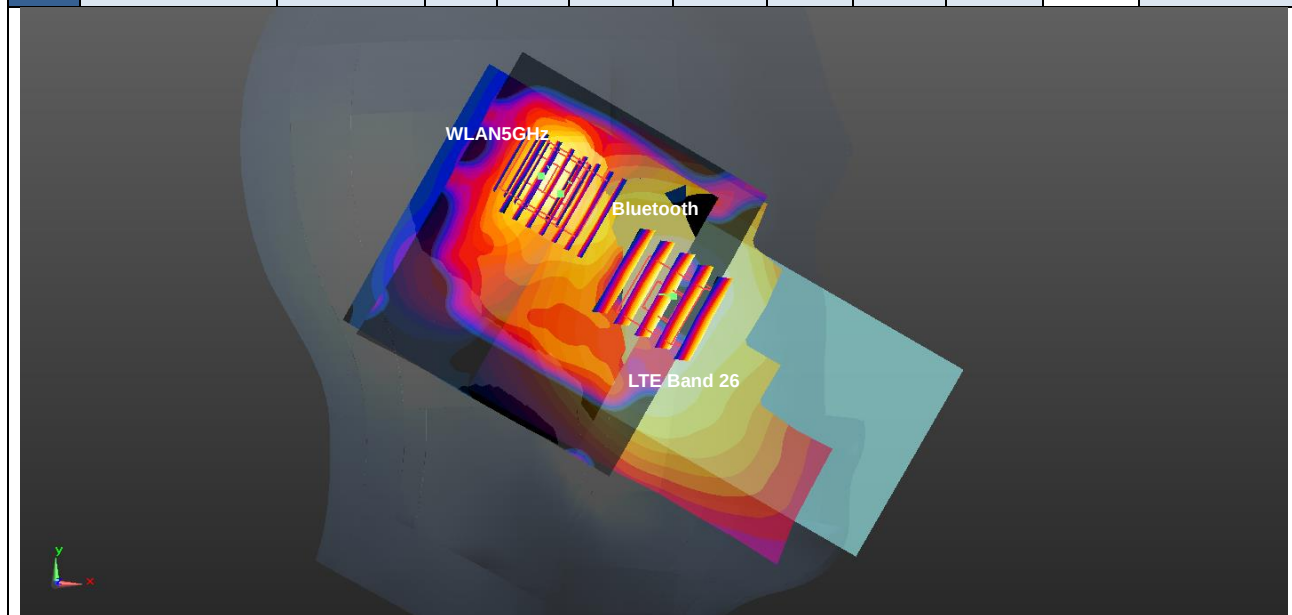
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Case #03	CDMA2000 BC0	Left Cheek	0.339	0mm	52.64	-25.57	-1.96	55.3	1.63	0.04	Not required
	WLAN5GHz		1.163	0mm	22.44	20.71	0.51				
	Bluetooth		0.130	0mm	19.63	16.59	-2.6				
	CDMA2000 BC0	Left Cheek	0.339	0mm	52.64	-25.57	-1.96	53.5	1.63	0.04	Not required
	Bluetooth		0.130	0mm	19.63	16.59	-2.6				
	WLAN5GHz		1.163	0mm	22.44	20.71	0.51				



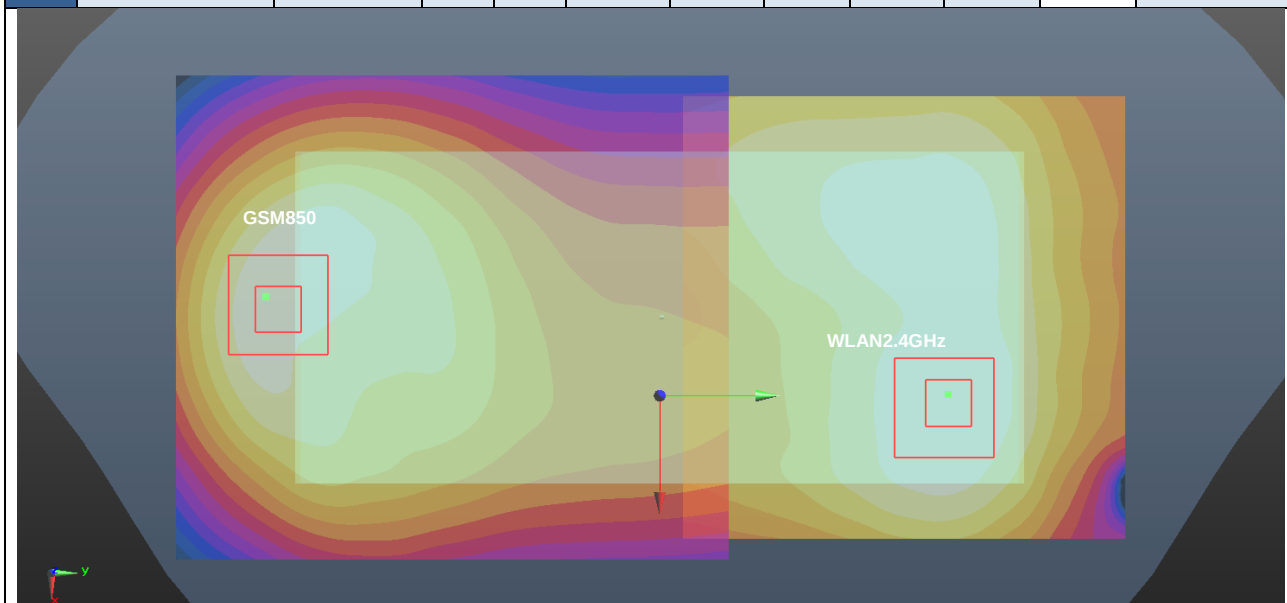
	Band	Position	SAR (W/kg)	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
				(mm)	X	Y	Z				
Case #04	LTE Band 12	Left Cheek	0.322	0mm	56.56	-22.5	-1.07	55.1	1.62	0.04	Not required
	WLAN5GHz		1.163	0mm	22.44	20.71	0.51				
	Bluetooth		0.130	0mm	19.63	16.59	-2.6				
	LTE Band 12	Left Cheek	0.322	0mm	56.56	-22.5	-1.07	53.8	1.62	0.04	Not required
	Bluetooth		0.130	0mm	19.63	16.59	-2.6				
	WLAN5GHz		1.163	0mm	22.44	20.71	0.51				



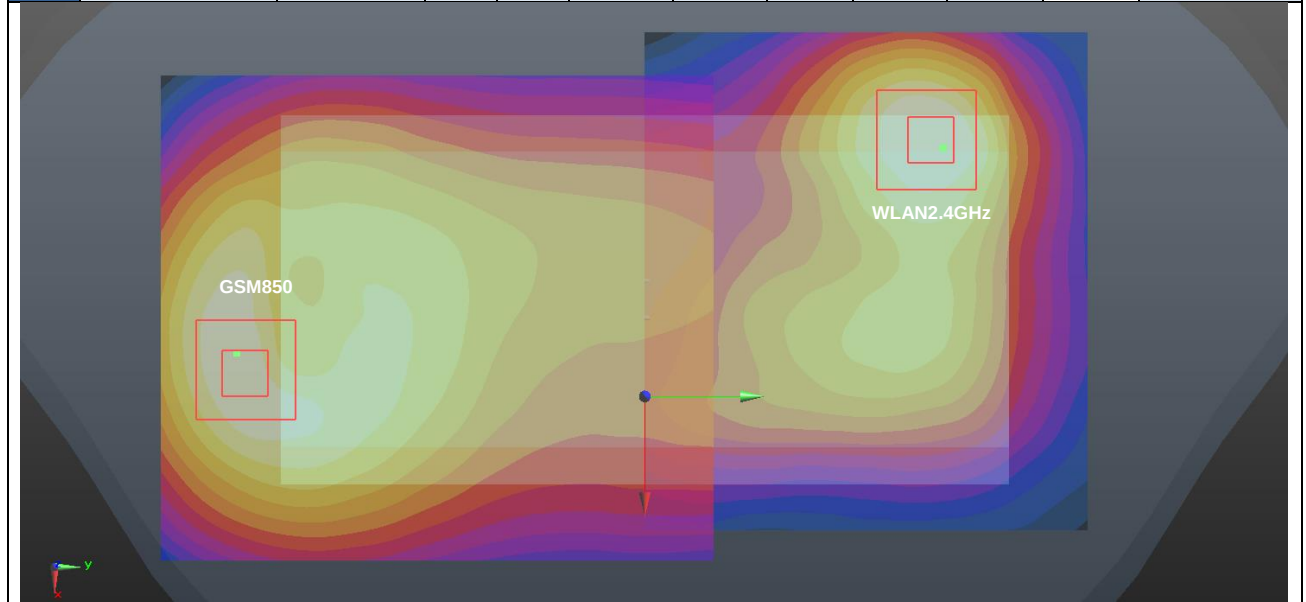
	Band	Position	SAR (W/kg)	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
				(mm)	X	Y	Z				
Case #05	LTE Band 26	Left Cheek	0.356	0mm	52.63	-25.57	-1.92	55.3	1.65	0.04	Not required
	WLAN5GHz		1.163	0mm	22.44	20.71	0.51				
	Bluetooth		0.130	0mm	19.63	16.59	-2.6				
	LTE Band 26	Left Cheek	0.356	0mm	52.63	-25.57	-1.92	53.5	1.65	0.04	Not required
	Bluetooth		0.130	0mm	19.63	16.59	-2.6				
	WLAN5GHz		1.163	0mm	22.44	20.71	0.51				



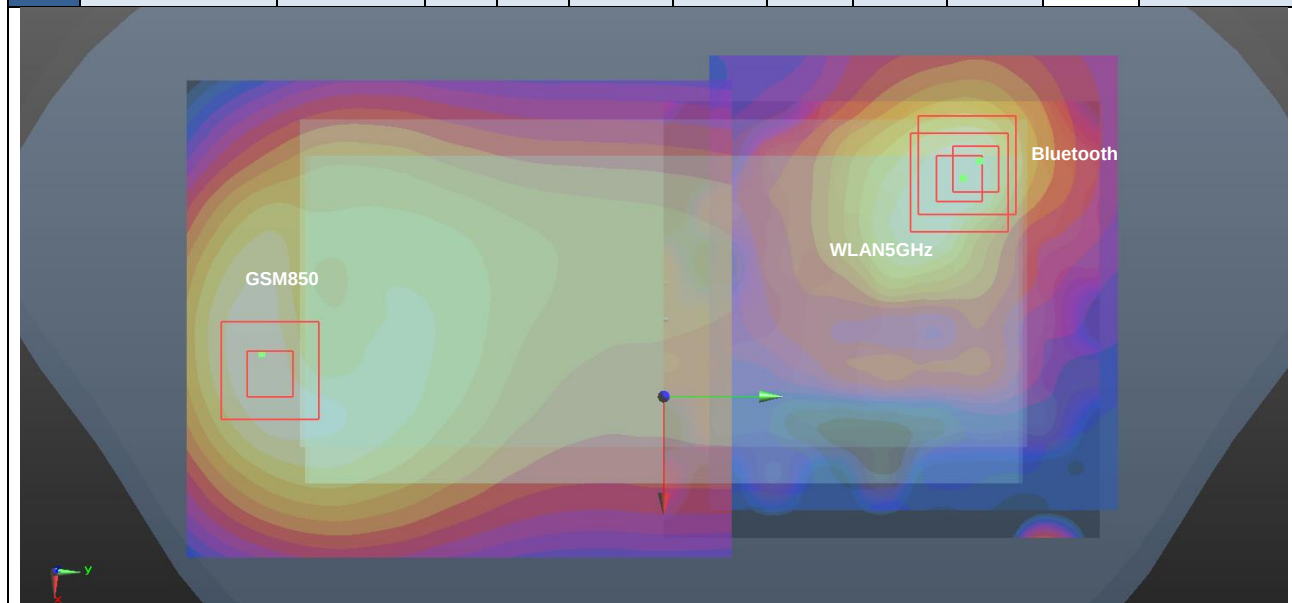
Case #06	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
	GSM850	Front	1.175	5mm	0.3	-82.3	-1.42	147.2	1.64	0.01	Not required
	WLAN2.4GHz		0.463	5mm	19.8	63.6	-1.72				



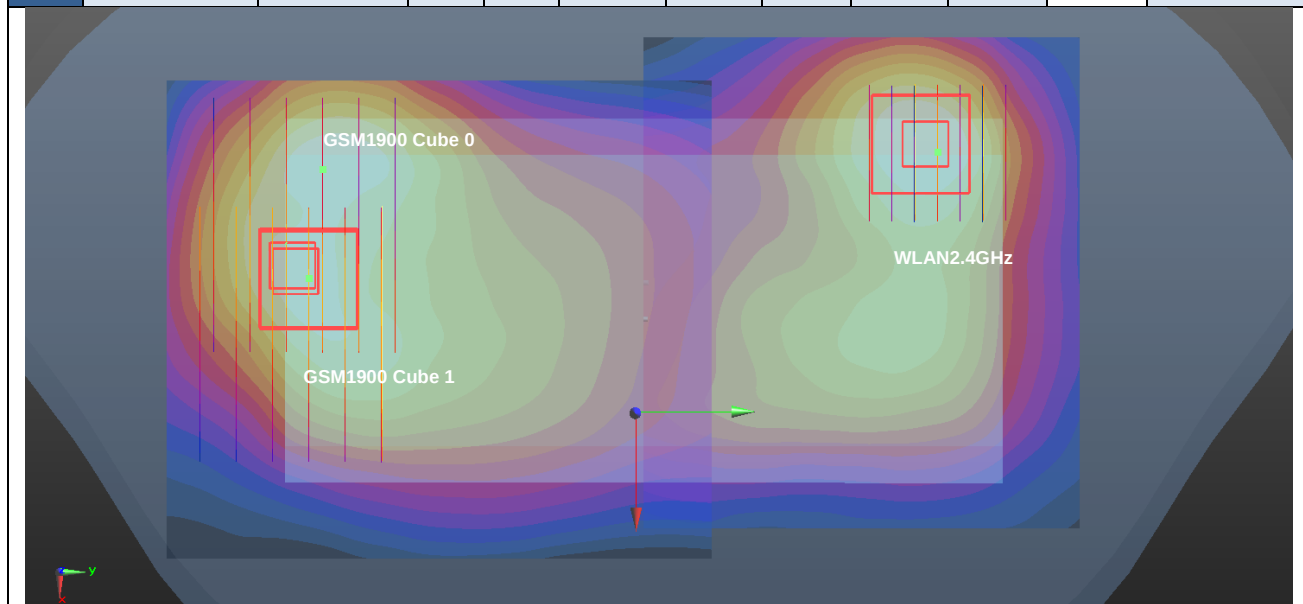
Case #07	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
	GSM850	Back	1.427	5mm	13.9	-85.3	-1.29	155.4	2.29	0.02	Not required
	WLAN2.4GHz		0.864	5mm	-29.8	63.8	1.94				



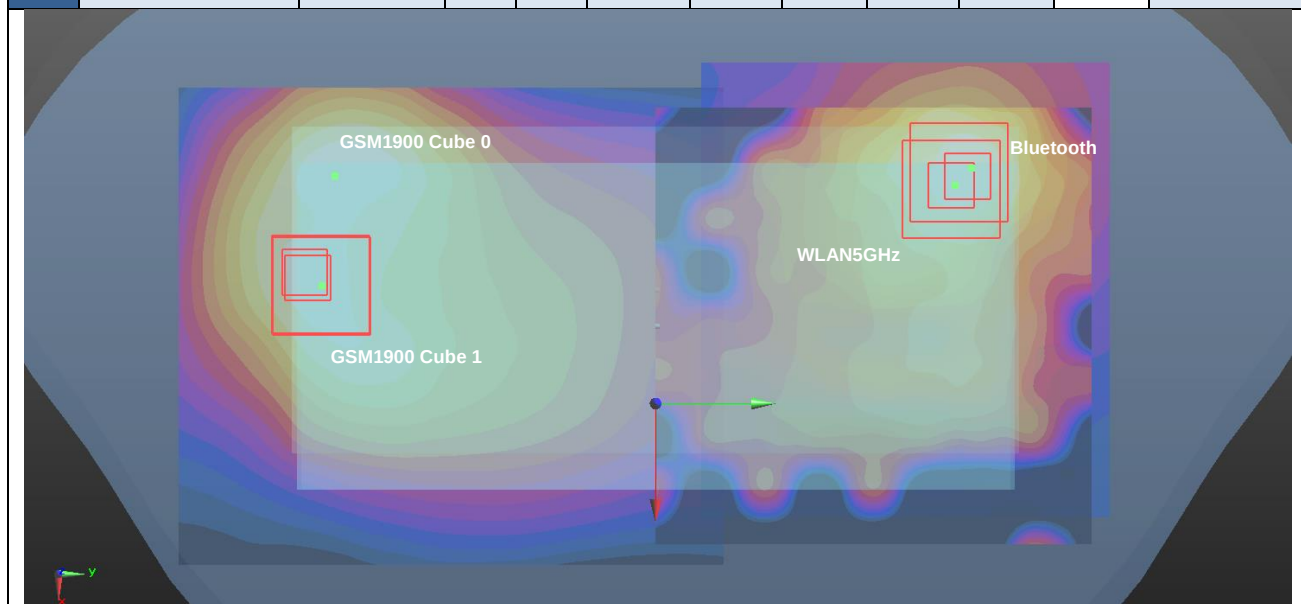
	Band	Position	SAR (W/kg)	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
				(mm)	X	Y	Z				
Case #08	GSM850	Back	1.427	5mm	13.9	-85.3	-1.29	153.6	2.09	0.02	Not required
	WLAN5GHz		0.575	5mm	-23.8	63.6	1.79				
	Bluetooth		0.084	5mm	-33.8	69.6	-2.68				
	GSM850	Back	1.427	5mm	13.9	-85.3	-1.29	162.1	2.09	0.02	Not required
	Bluetooth		0.084	5mm	-33.8	69.6	-2.68				
	WLAN5GHz		0.575	5mm	-23.8	63.6	1.79				



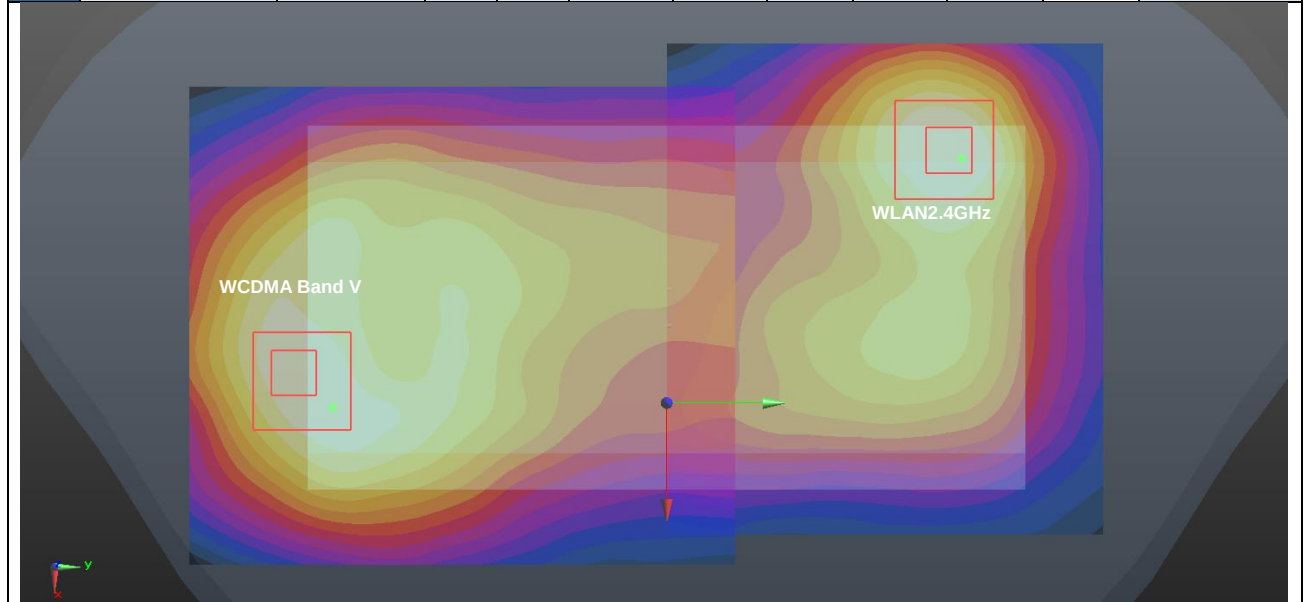
Case #09	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
	GSM1900 Cube 0	Back	1.357	5mm	-37.8	-67.3	-1.7	131.4	2.22	0.03	Not required
	WLAN2.4GHz		0.864	5mm	-29.8	63.8	1.94				
	GSM1900 Cube 1	Back	1.357	5mm	-10.6	-78.3	-1.53	143.4	2.22	0.02	Not required
	WLAN2.4GHz		0.864	5mm	-29.8	63.8	1.94				



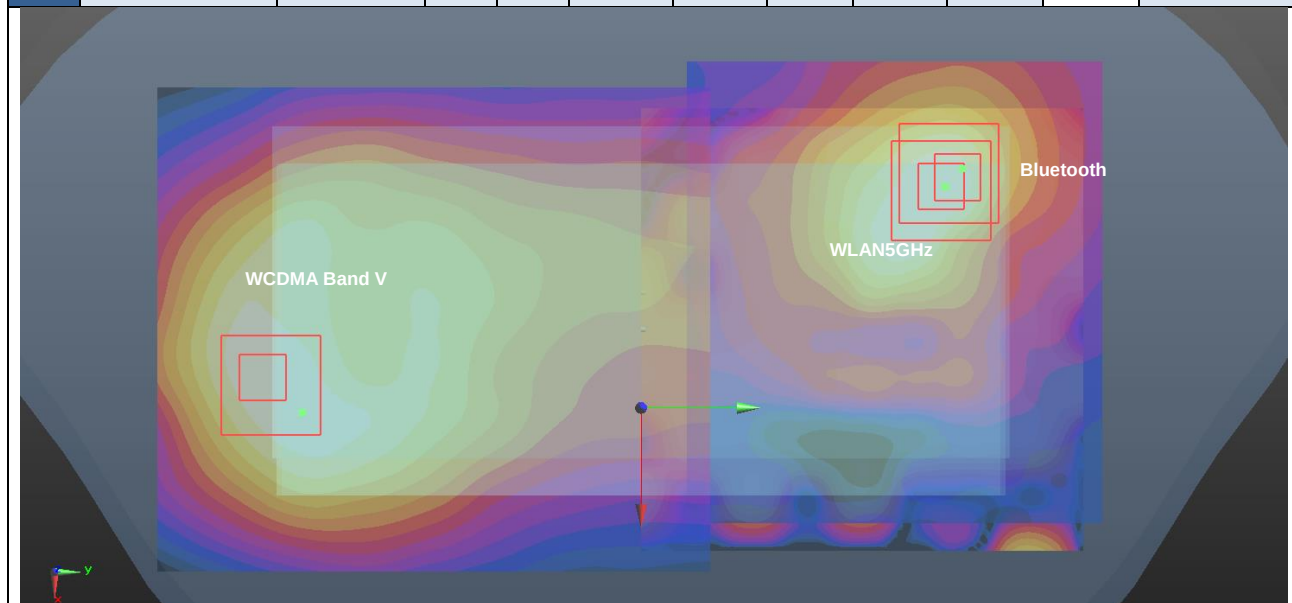
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Case #10	GSM1900 Cube 0	Back	1.357	5mm	-37.8	-67.3	-1.7	131.7	2.02	0.02	Not required
	WLAN5GHz		0.575	5mm	-23.8	63.6	1.79				
	Bluetooth		0.084	5mm	-33.8	69.6	-2.68				
	GSM1900 Cube 0	Back	1.357	5mm	-37.8	-67.3	-1.7	137.0	2.02	0.02	Not required
	Bluetooth		0.084	5mm	-33.8	69.6	-2.68				
	WLAN5GHz		0.575	5mm	-23.8	63.6	1.79				
	GSM1900 Cube 1	Back	1.357	5mm	-10.6	-78.3	-1.53	142.6	2.02	0.02	Not required
	WLAN5GHz		0.575	5mm	-23.8	63.6	1.79				
	Bluetooth		0.084	5mm	-33.8	69.6	-2.68				
	GSM1900 Cube 1	Back	1.357	5mm	-10.6	-78.3	-1.53	149.7	2.02	0.02	Not required
	Bluetooth		0.084	5mm	-33.8	69.6	-2.68				
	WLAN5GHz		0.575	5mm	-23.8	63.6	1.79				



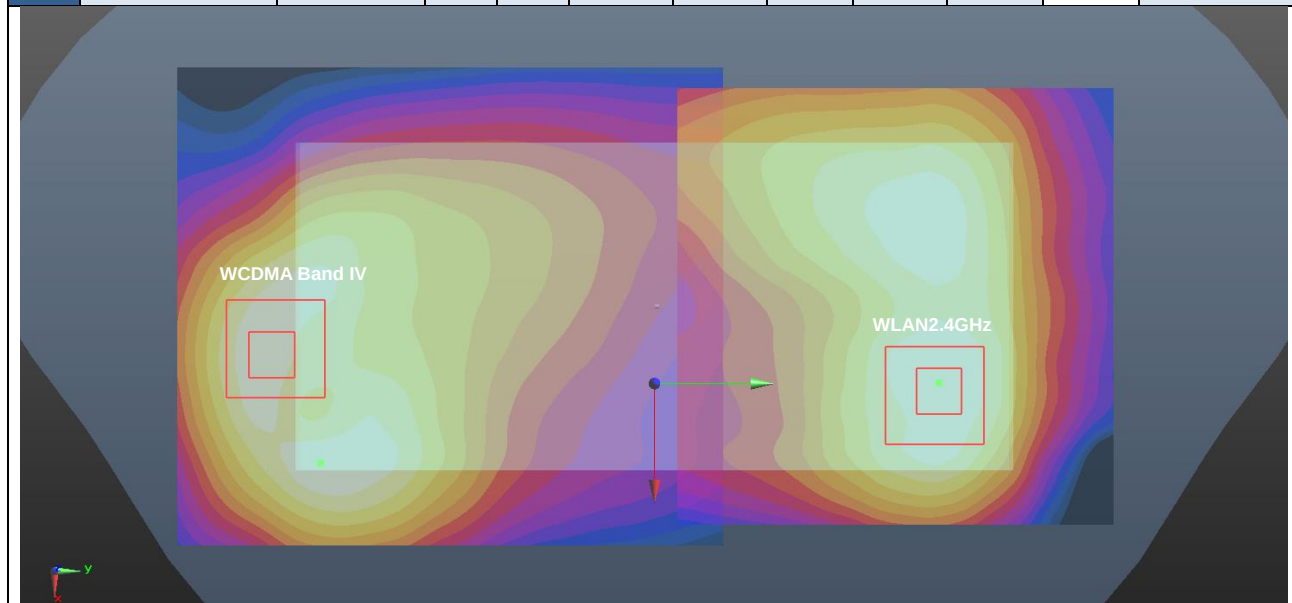
Case #11	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
	WCDMA Band V	Back	1.281	5mm	11.6	-81.5	-1.15	151.1	2.15	0.02	Not required
	WLAN2.4GHz		0.864	5mm	-29.8	63.8	1.94				



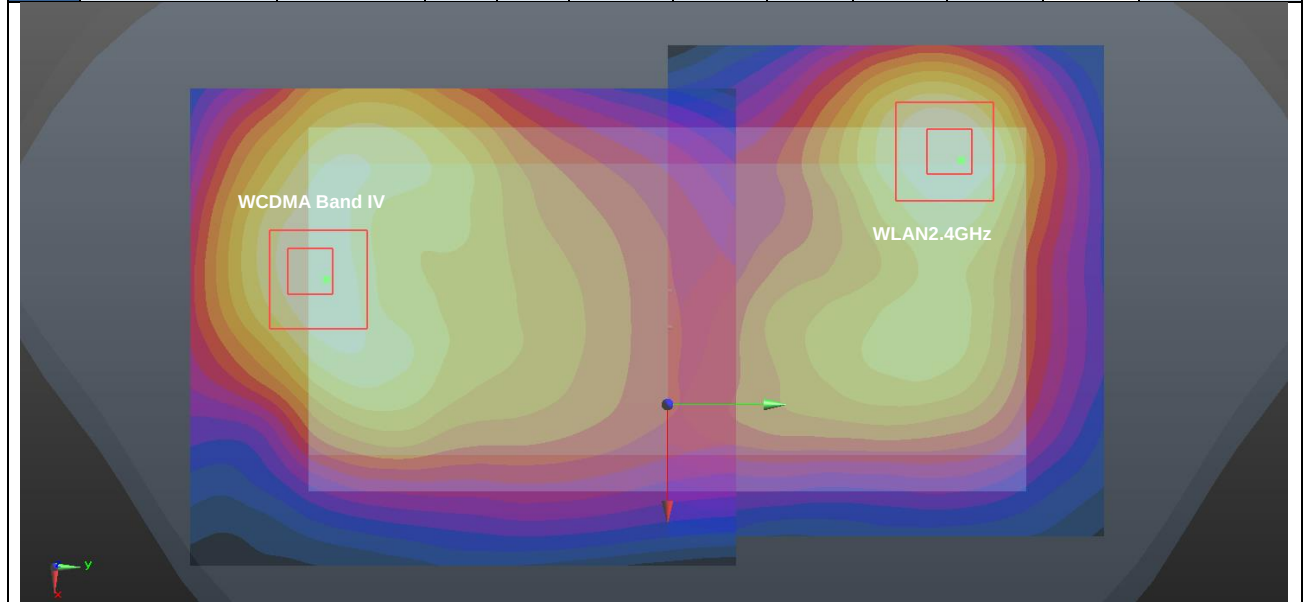
	Band	Position	SAR (W/kg)	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
				(mm)	X	Y	Z				
Case #12	WCDMA Band V	Back	1.281	5mm	11.6	-81.5	-1.15	149.4	1.94	0.02	Not required
	WLAN5GHz		0.575	5mm	-23.8	63.6	1.79				
	Bluetooth		0.084	5mm	-33.8	69.6	-2.68				
	WCDMA Band V	Back	1.281	5mm	11.6	-81.5	-1.15	157.8	1.94	0.02	Not required
	Bluetooth		0.084	5mm	-33.8	69.6	-2.68				
	WLAN5GHz		0.575	5mm	-23.8	63.6	1.79				



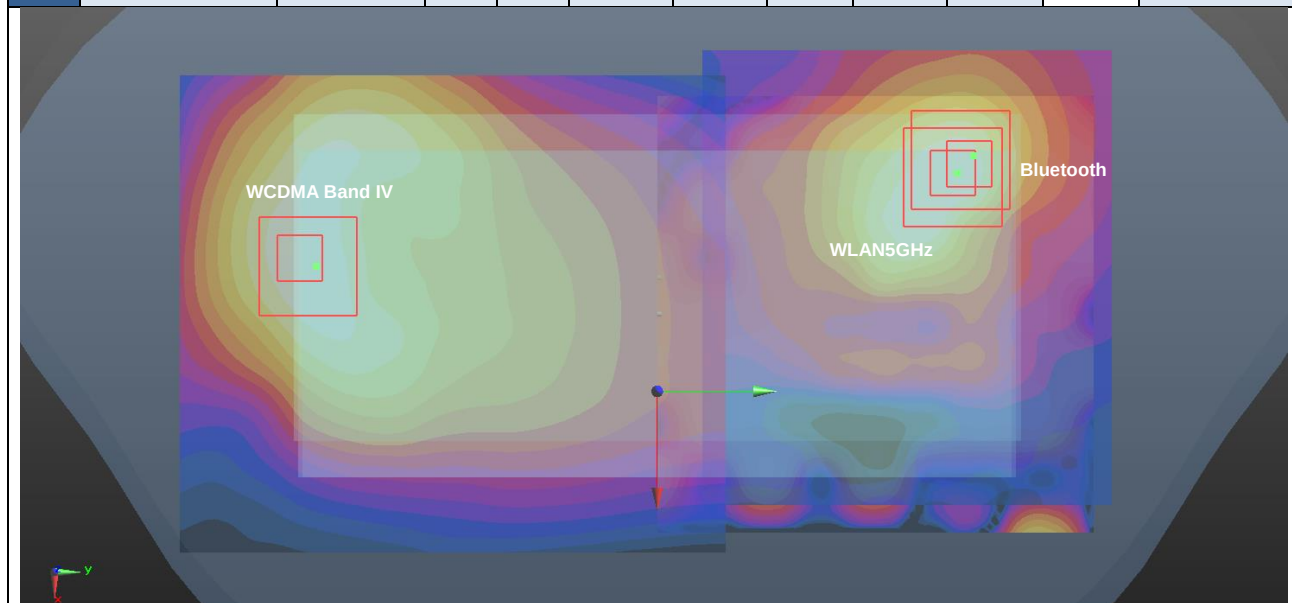
Case #13	Band	Position	SAR (W/kg)	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
				(mm)	X	Y	Z				
	WCDMA Band IV	Front	1.146	5mm	10.5	-84.7	-1.37	148.6	1.61	0.01	Not required
	WLAN2.4GHz		0.463	5mm	19.8	63.6	-1.72				



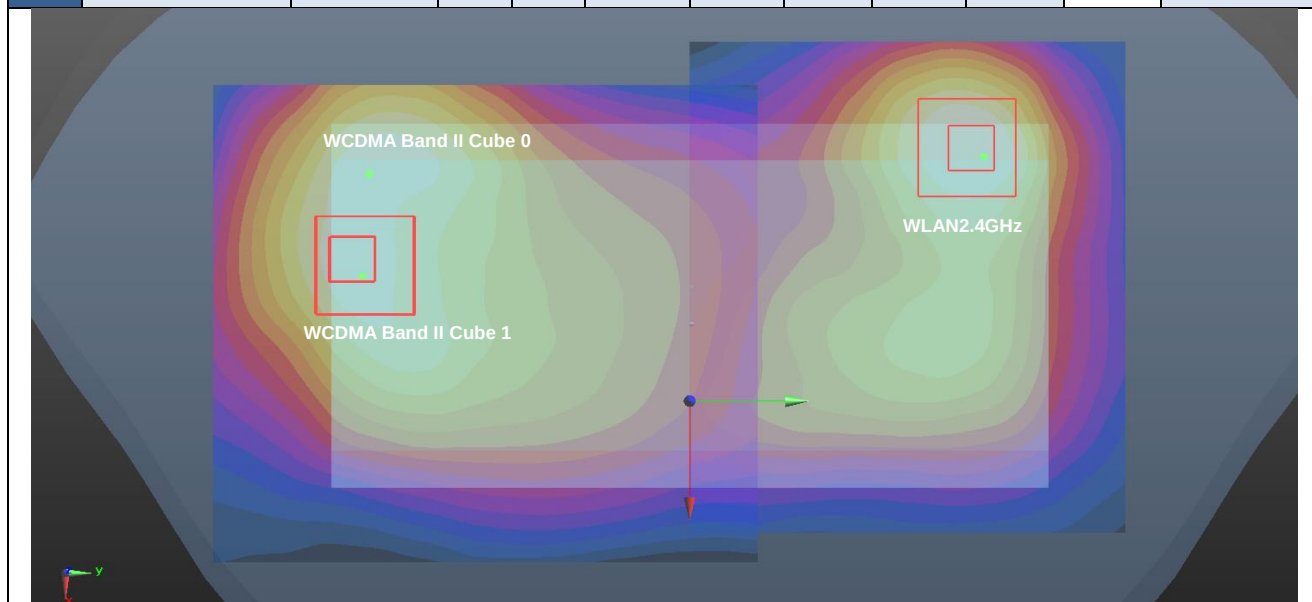
Case #14	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
	WCDMA Band IV	Back	1.267	5mm	-15.3	-79.8	-1.58	144.4	2.13	0.02	Not required
	WLAN2.4GHz		0.864	5mm	-29.8	63.8	1.94				



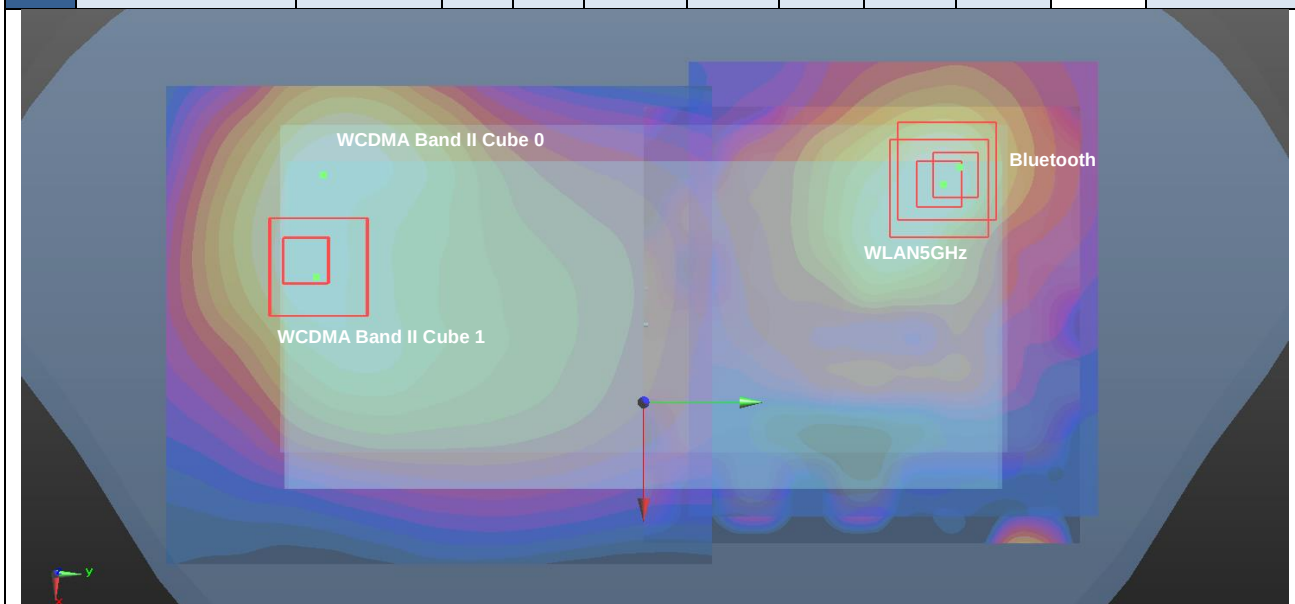
	Band	Position	SAR (W/kg)	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
				(mm)	X	Y	Z				
Case #15	WCDMA Band IV	Back	1.267	5mm	-15.3	-79.8	-1.58	143.7	1.93	0.02	Not required
	WLAN5GHz		0.575	5mm	-23.8	63.6	1.79				
	Bluetooth		0.084	5mm	-33.8	69.6	-2.68				
	WCDMA Band IV	Back	1.267	5mm	-15.3	-79.8	-1.58	150.5	1.93	0.02	Not required
	Bluetooth		0.084	5mm	-33.8	69.6	-2.68				
	WLAN5GHz		0.575	5mm	-23.8	63.6	1.79				



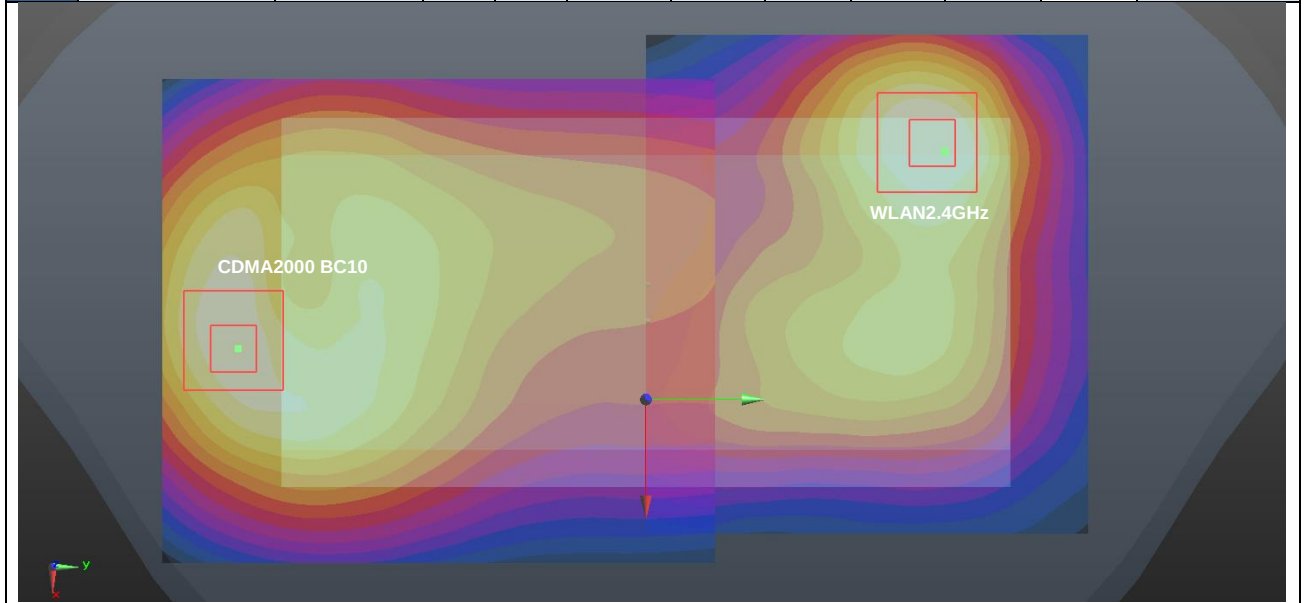
Case #16	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
	WCDMA Band II Cube 0	Back	1.263	5mm	-39.4	-67.3	-1.59	131.5	2.13	0.02	Not required
	WLAN2.4GHz		0.864	5mm	-29.8	63.8	1.94				
	WCDMA Band II Cube 1	Back	1.263	5mm	-15.3	-76.8	-1.48	141.4	2.13	0.02	Not required
	WLAN2.4GHz		0.864	5mm	-29.8	63.8	1.94				



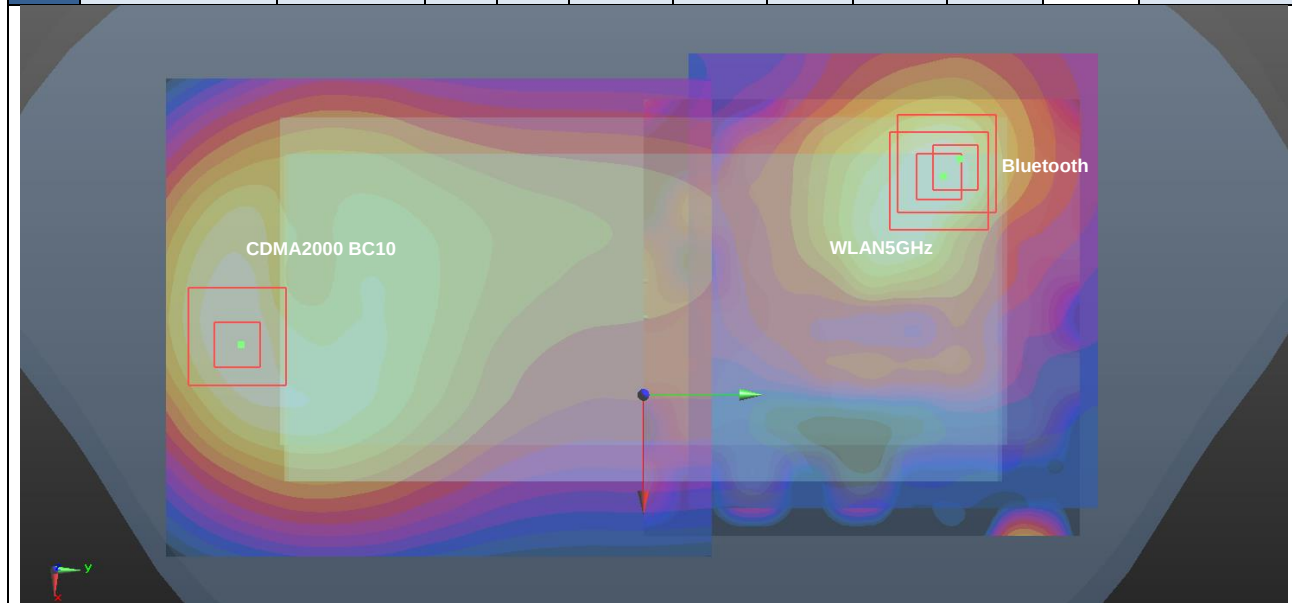
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Case #17	WCDMA Band II Cube 0	Back	1.263	5mm	-39.4	-67.3	-1.59	131.9	1.92	0.02	Not required
	WLAN5GHz		0.575	5mm	-23.8	63.6	1.79				
	Bluetooth		0.084	5mm	-33.8	69.6	-2.68				
	WCDMA Band II Cube 0	Back	1.263	5mm	-39.4	-67.3	-1.59	137.0	1.92	0.02	Not required
	Bluetooth		0.084	5mm	-33.8	69.6	-2.68				
	WLAN5GHz		0.575	5mm	-23.8	63.6	1.79				
	WCDMA Band II Cube 1	Back	1.263	5mm	-15.3	-76.8	-1.48	140.7	1.92	0.02	Not required
	WLAN5GHz		0.575	5mm	-23.8	63.6	1.79				
	Bluetooth		0.084	5mm	-33.8	69.6	-2.68				
	WCDMA Band II Cube 1	Back	1.263	5mm	-15.3	-76.8	-1.48	147.6	1.92	0.02	Not required
	Bluetooth		0.084	5mm	-33.8	69.6	-2.68				
	WLAN5GHz		0.575	5mm	-23.8	63.6	1.79				



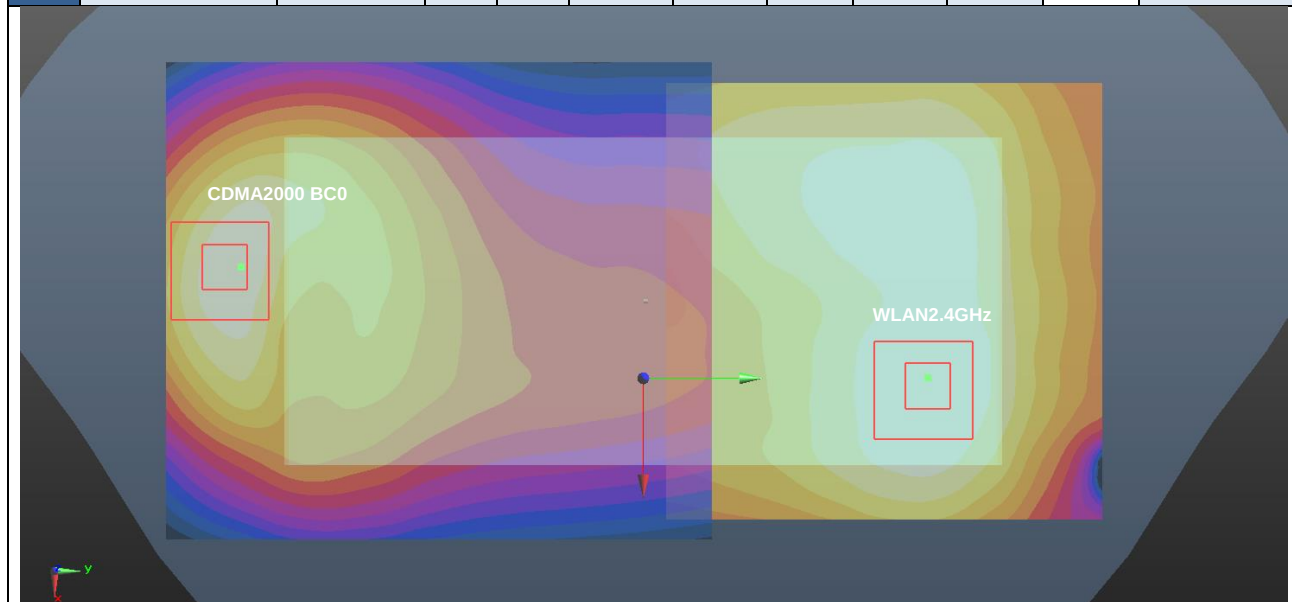
Case #18	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
	CDMA2000 BC10	Back	1.154	5mm	7.6	-88.5	-2.23	156.9	2.02	0.02	Not required
	WLAN2.4GHz		0.864	5mm	-29.8	63.8	1.94				



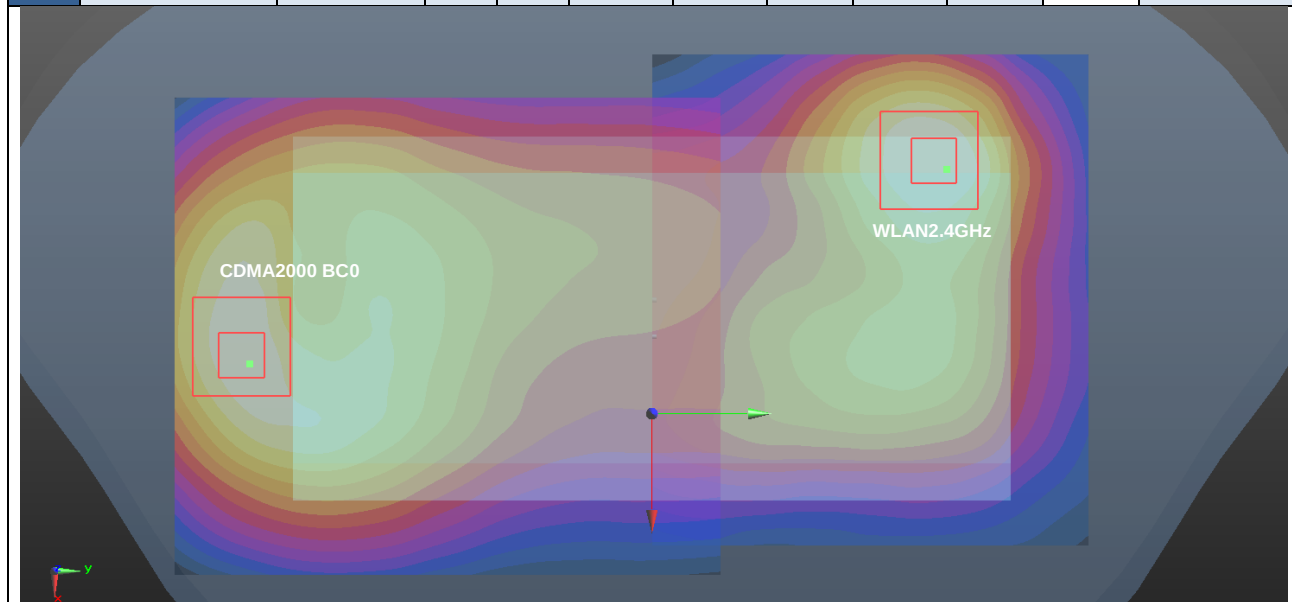
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Case #19	CDMA2000 BC10	Back	1.154	5mm	7.6	-88.5	-2.23	155.4	1.81	0.02	Not required
	WLAN5GHz		0.575	5mm	-23.8	63.6	1.79				
	Bluetooth		0.084	5mm	-33.8	69.6	-2.68				
	CDMA2000 BC10	Back	1.154	5mm	7.6	-88.5	-2.23	163.4	1.81	0.01	Not required
	Bluetooth		0.084	5mm	-33.8	69.6	-2.68				
	WLAN5GHz		0.575	5mm	-23.8	63.6	1.79				



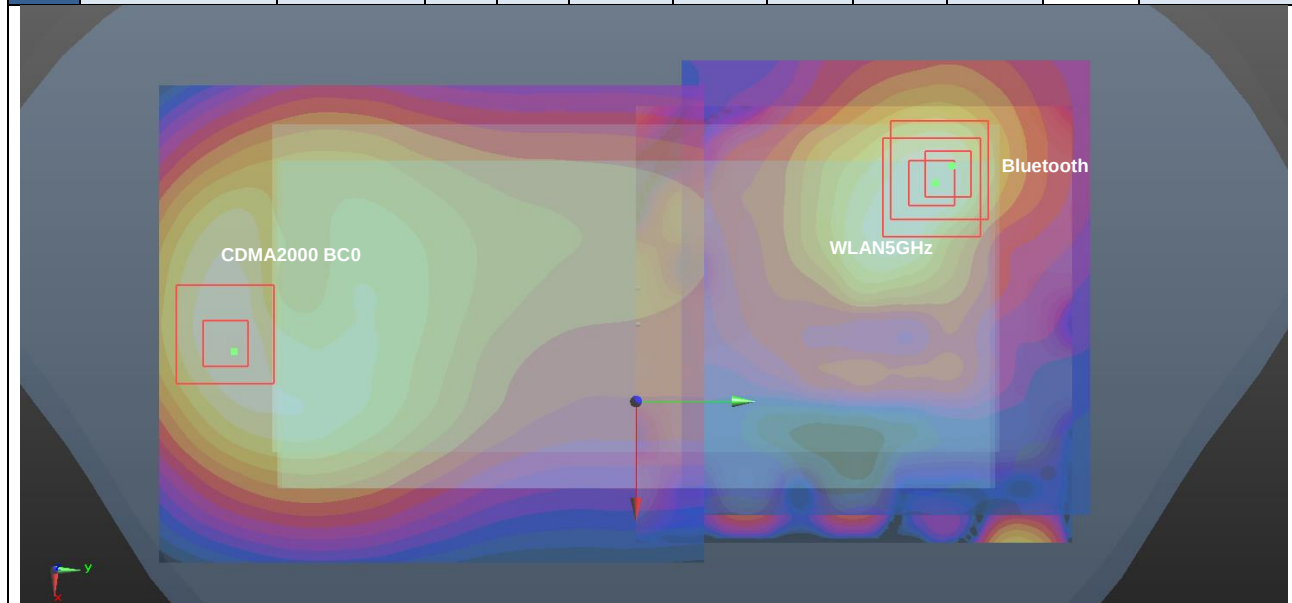
Case #20	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
	CDMA2000 BC0	Front	1.191	5mm	-7.5	-91.7	-2.4	157.7	1.65	0.01	Not required
	WLAN2.4GHz		0.463	5mm	19.8	63.6	-1.72				



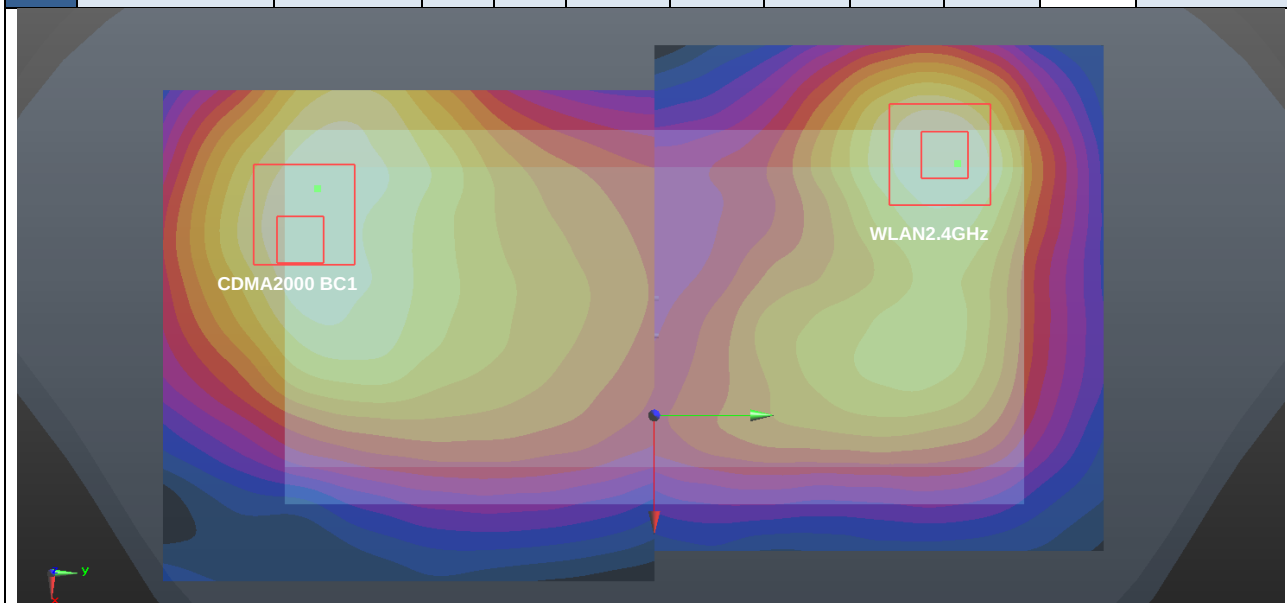
Case #21	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
	CDMA2000 BC0	Back	1.326	5mm	7.6	-88.5	-2.25	156.9	2.19	0.02	Not required
	WLAN2.4GHz		0.864	5mm	-29.8	63.8	1.94				



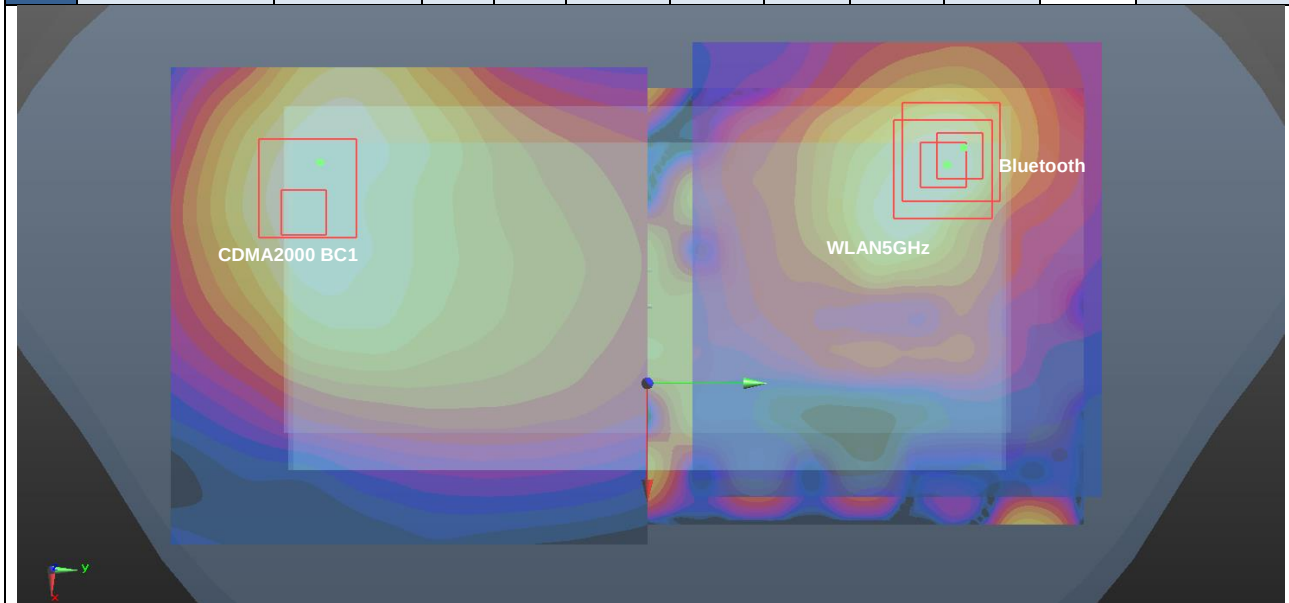
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Case #22	CDMA2000 BC0	Back	1.326	5mm	7.6	-88.5	-2.25	155.4	1.99	0.02	Not required
	WLAN5GHz		0.575	5mm	-23.8	63.6	1.79				
	Bluetooth		0.084	5mm	-33.8	69.6	-2.68				
	CDMA2000 BC0	Back	1.326	5mm	7.6	-88.5	-2.25	163.4	1.99	0.02	Not required
	Bluetooth		0.084	5mm	-33.8	69.6	-2.68				
	WLAN5GHz		0.575	5mm	-23.8	63.6	1.79				



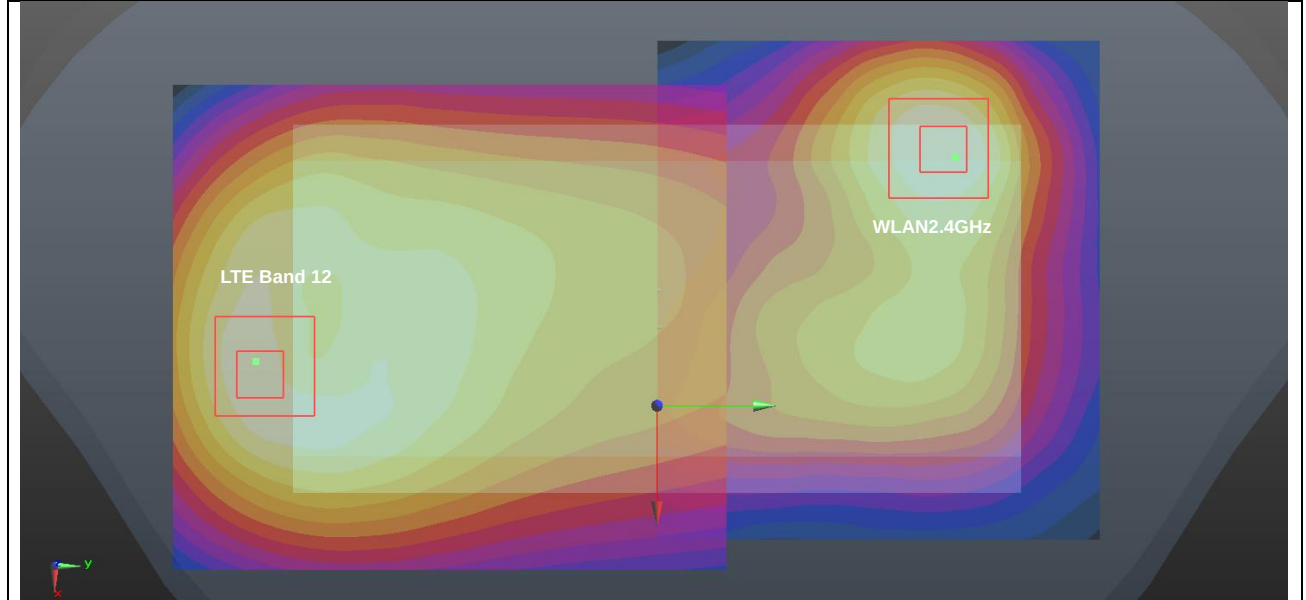
Case #23	Band	Position	SAR (W/kg)	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
				(mm)	X	Y	Z				
	CDMA2000 BC1	Back	1.107	5mm	-44.3	-67.2	-1.54	131.8	1.97	0.02	Not required
	WLAN2.4GHz		0.864	5mm	-29.8	63.8	1.94				



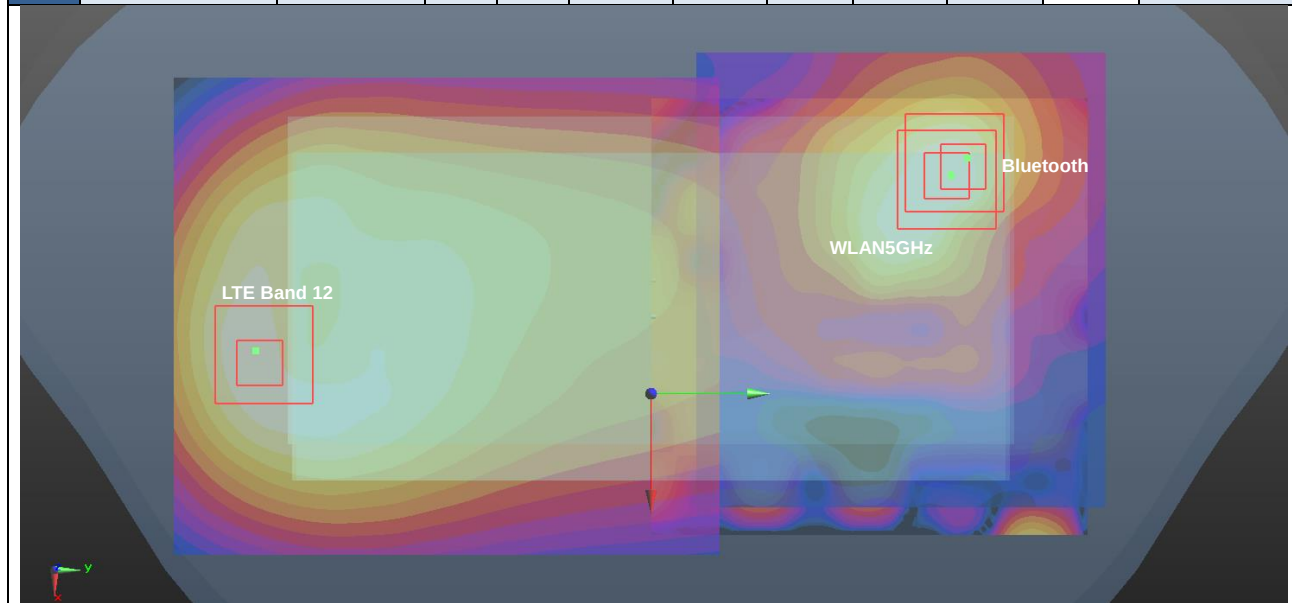
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Case #24	CDMA2000 BC1	Back	1.107	5mm	-44.3	-67.2	-1.54	132.4	1.77	0.02	Not required
	WLAN5GHz		0.575	5mm	-23.8	63.6	1.79				
	Bluetooth		0.084	5mm	-33.8	69.6	-2.68				
	CDMA2000 BC1	Back	1.107	5mm	-44.3	-67.2	-1.54	137.2	1.77	0.02	Not required
	Bluetooth		0.084	5mm	-33.8	69.6	-2.68				
	WLAN5GHz		0.575	5mm	-23.8	63.6	1.79				



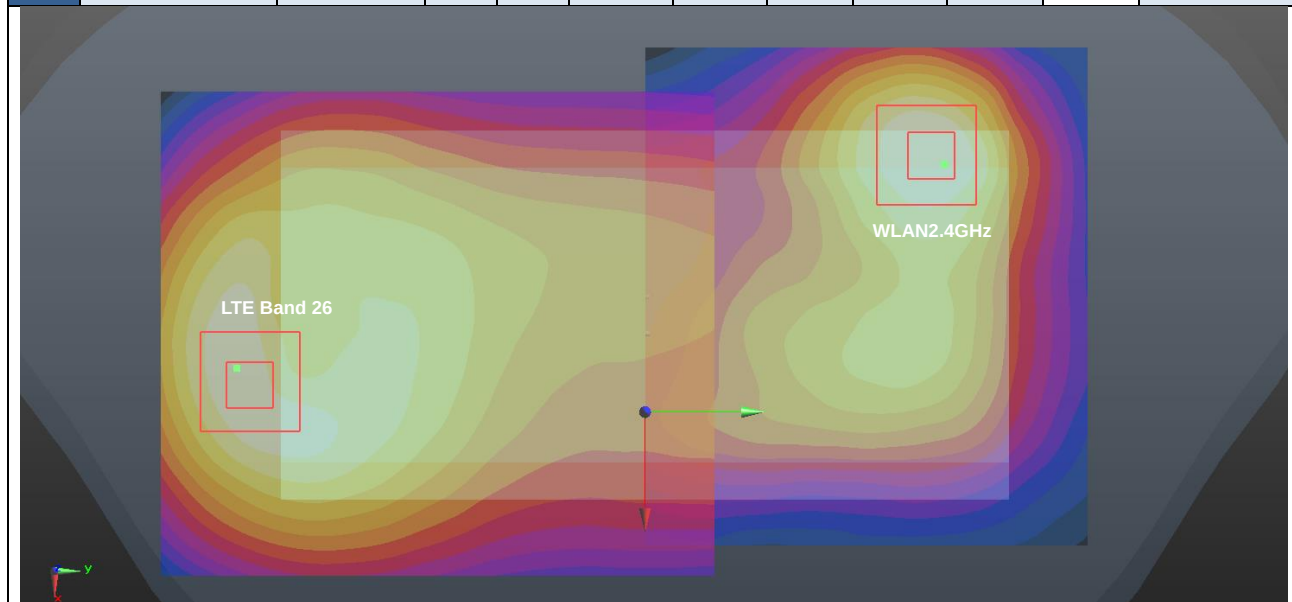
Case #25	Band	Position	SAR (W/kg)	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
				(mm)	X	Y	Z				
	LTE Band 12	Back	1.087	5mm	10.7	-85.4	-1.28	154.6	1.95	0.02	Not required
	WLAN2.4GHz		0.864	5mm	-29.8	63.8	1.94				



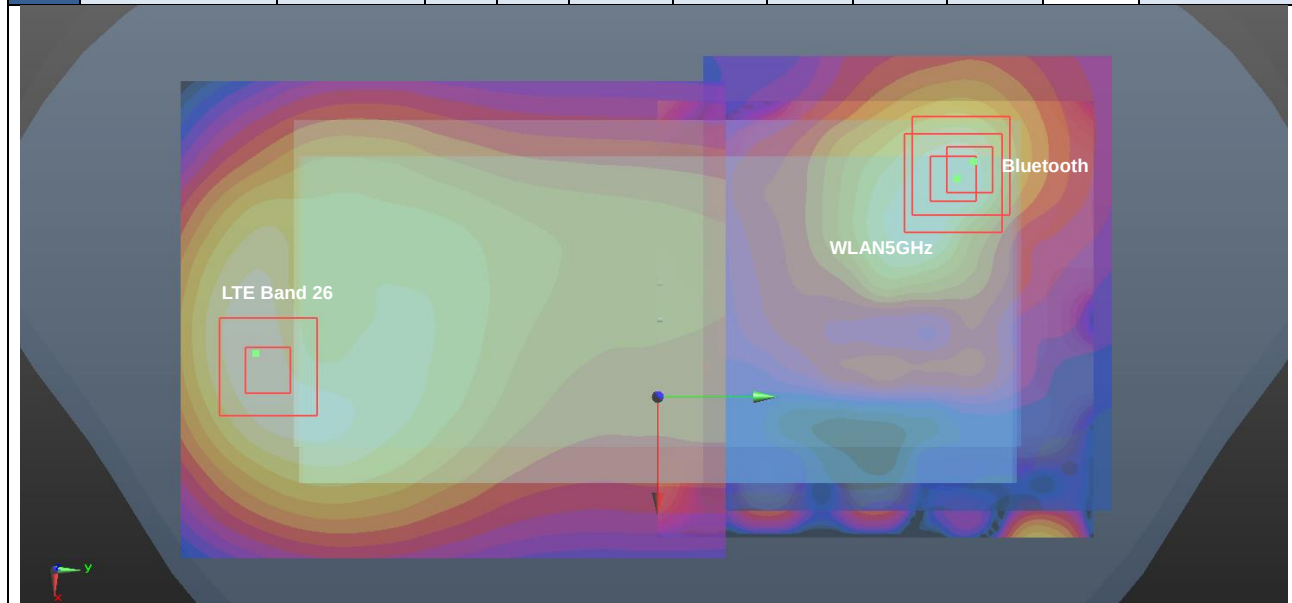
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Case #26	LTE Band 12	Back	1.087	5mm	10.7	-85.4	-1.28	153.0	1.75	0.02	Not required
	WLAN5GHz		0.575	5mm	-23.8	63.6	1.79				
	Bluetooth		0.084	5mm	-33.8	69.6	-2.68				
	LTE Band 12	Back	1.087	5mm	10.7	-85.4	-1.28	161.3	1.75	0.01	Not required
	Bluetooth		0.084	5mm	-33.8	69.6	-2.68				
	WLAN5GHz		0.575	5mm	-23.8	63.6	1.79				



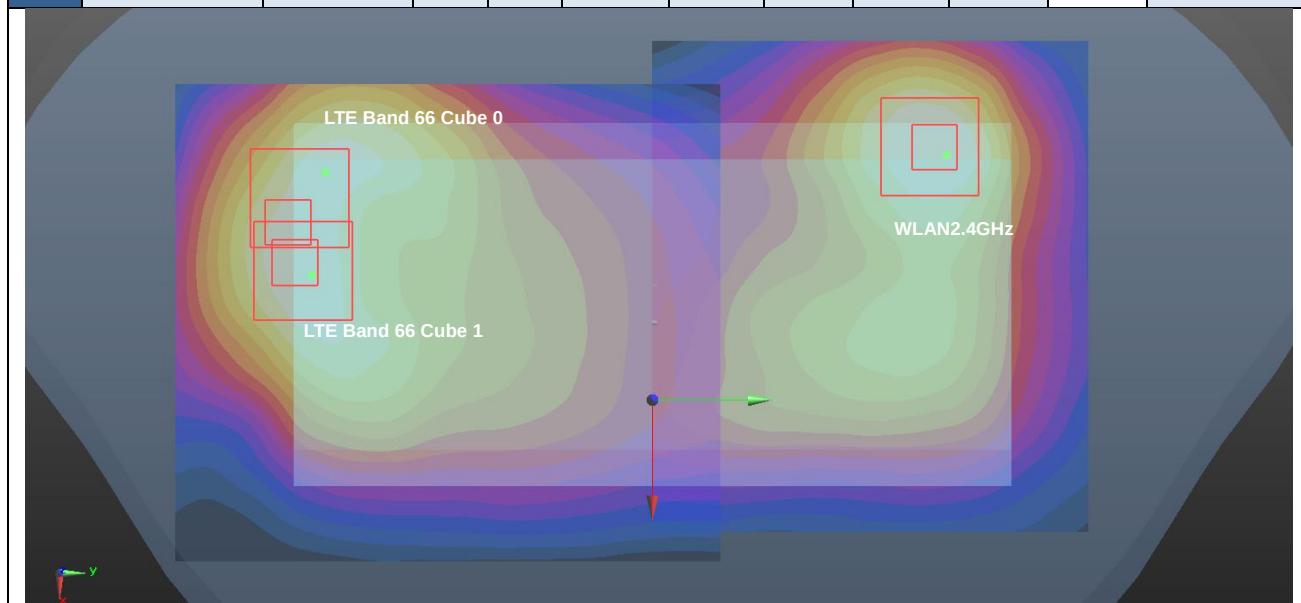
Case #27	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
	LTE Band 26	Back	1.197	5mm	12.3	-85.3	-1.34	155.0	2.06	0.02	Not required
	WLAN2.4GHz		0.864	5mm	-29.8	63.8	1.94				



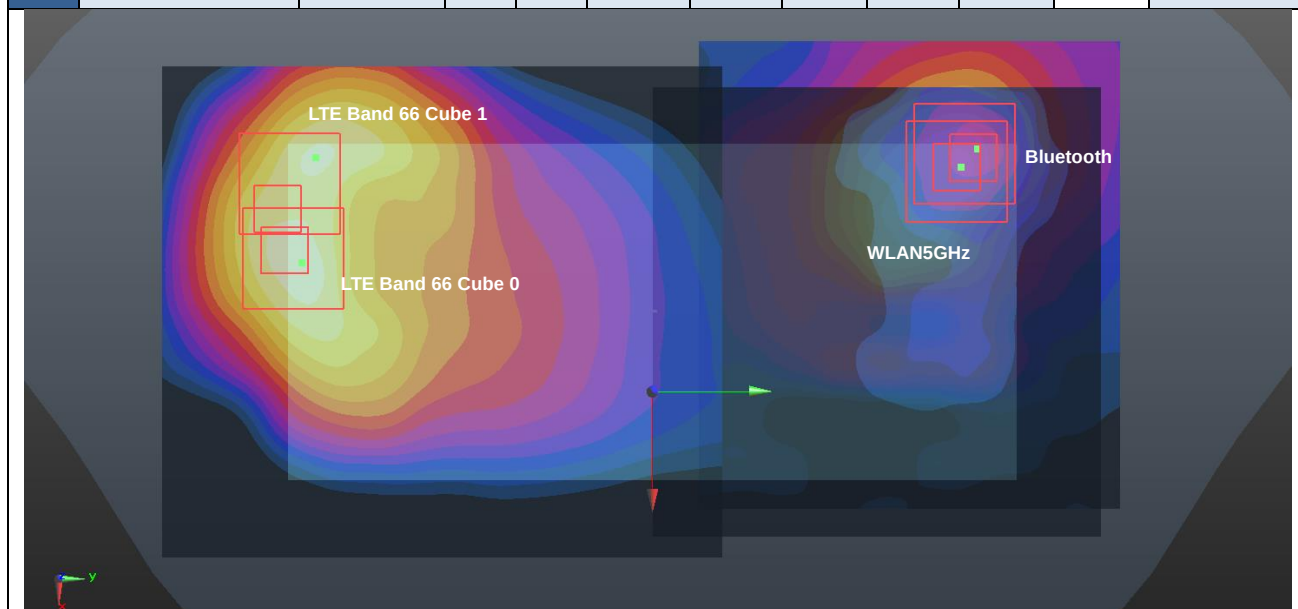
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Case #28	LTE Band 26	Back	1.197	5mm	12.3	-85.3	-1.34	153.2	1.86	0.02	Not required
	WLAN5GHz		0.575	5mm	-23.8	63.6	1.79				
	Bluetooth		0.084	5mm	-33.8	69.6	-2.68				
	LTE Band 26	Back	1.197	5mm	12.3	-85.3	-1.34	161.6	1.86	0.02	Not required
	Bluetooth		0.084	5mm	-33.8	69.6	-2.68				
	WLAN5GHz		0.575	5mm	-23.8	63.6	1.79				



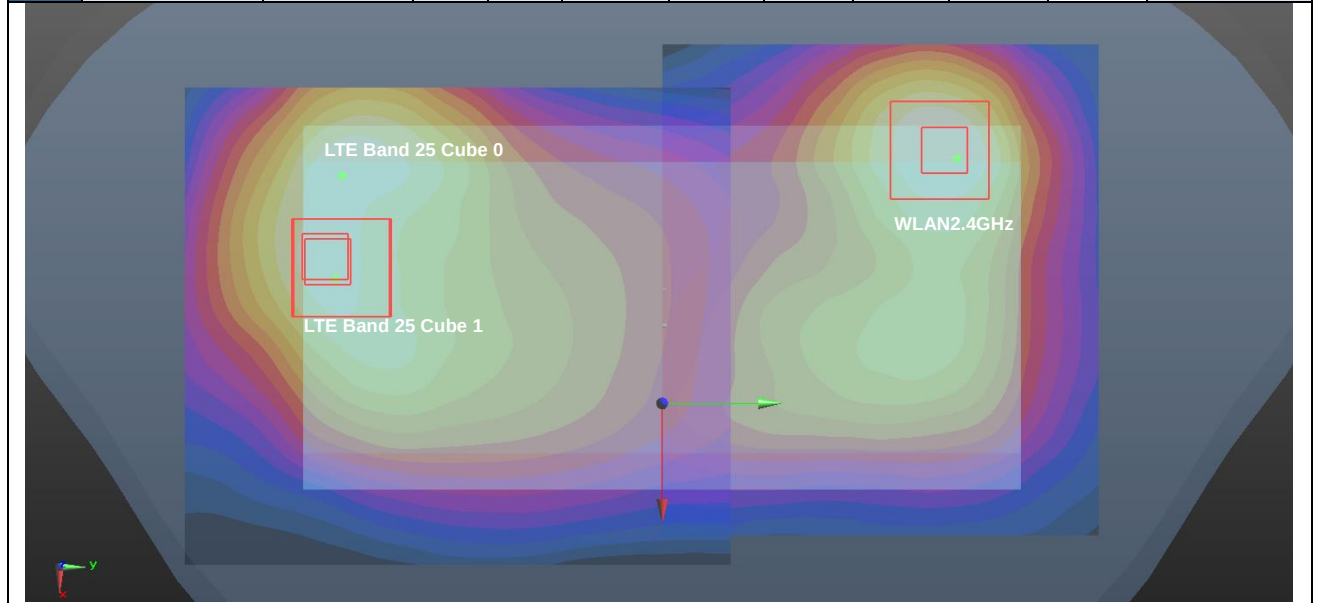
Case #29	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
	LTE Band 66 Cube 0	Back	1.326	5mm	-15.3	-79.8	-1.58	144.4	2.19	0.02	Not required
	WLAN2.4GHz		0.864	5mm	-29.8	63.8	1.94				
	LTE Band 66 Cube 1	Back	1.326	5mm	-17	-80	-1.58	144.4	2.19	0.02	Not required
	WLAN2.4GHz		0.864	5mm	-29.8	63.8	1.94				



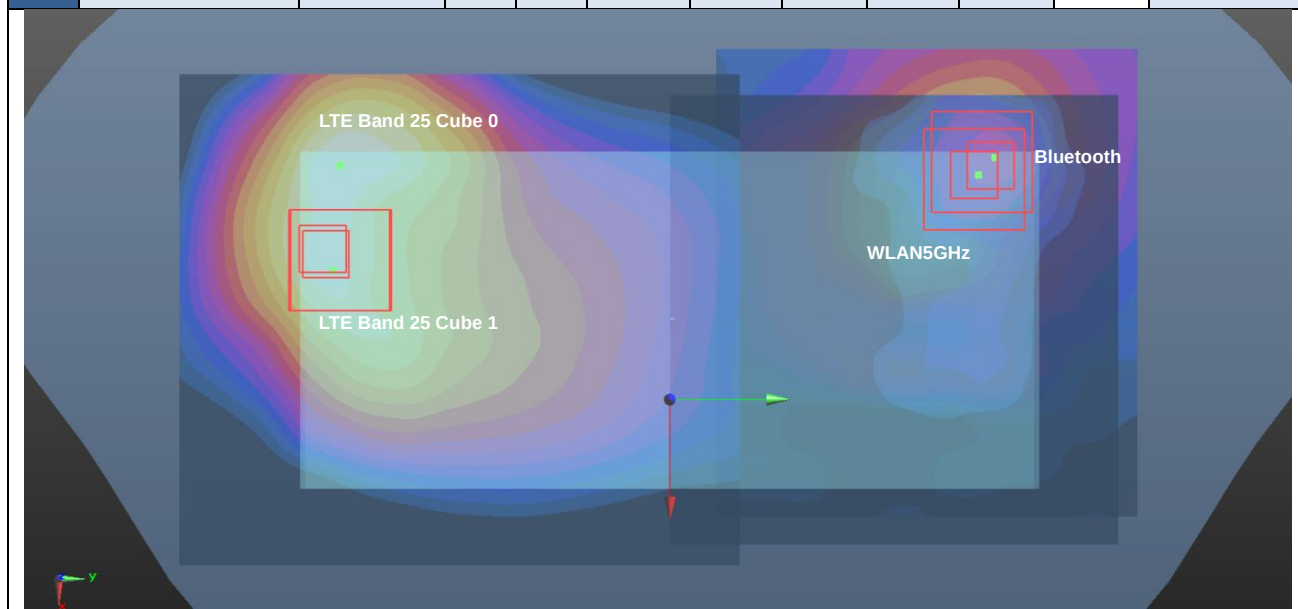
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Case #30	LTE Band 66 Cube 0	Back	1.326	5mm	-15.3	-79.8	-1.58	143.7	1.99	0.02	Not required
	WLAN5GHz		0.575	5mm	-23.8	63.6	1.79				
	Bluetooth		0.084	5mm	-33.8	69.6	-2.68				
	LTE Band 66 Cube 0	Back	1.326	5mm	-15.3	-79.8	-1.58	150.5	1.99	0.02	Not required
	Bluetooth		0.084	5mm	-33.8	69.6	-2.68				
	WLAN5GHz		0.575	5mm	-23.8	63.6	1.79				
	LTE Band 66 Cube 1	Back	1.326	5mm	-17	-80	-1.58	143.8	1.99	0.02	Not required
	WLAN5GHz		0.575	5mm	-23.8	63.6	1.79				
	Bluetooth		0.084	5mm	-33.8	69.6	-2.68				
	LTE Band 66 Cube 1	Back	1.326	5mm	-17	-80	-1.58	150.5	1.99	0.02	Not required
	Bluetooth		0.084	5mm	-33.8	69.6	-2.68				
	WLAN5GHz		0.575	5mm	-23.8	63.6	1.79				



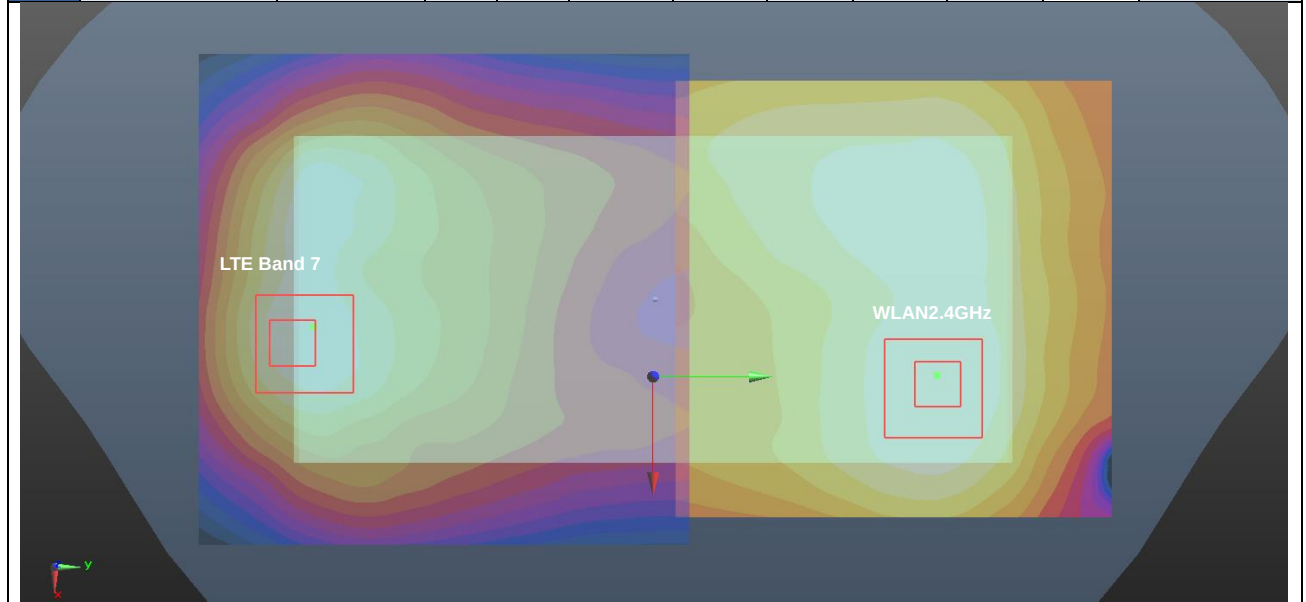
Case #31	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
	LTE Band 25 Cube 0	Back	1.364	5mm	-39.4	-65.7	-1.7	129.9	2.23	0.03	Not required
	WLAN2.4GHz		0.864	5mm	-29.8	63.8	1.94				
	LTE Band 25 Cube 1	Back	1.364	5mm	-15.3	-75.2	-1.6	139.8	2.23	0.02	Not required
	WLAN2.4GHz		0.864	5mm	-29.8	63.8	1.94				



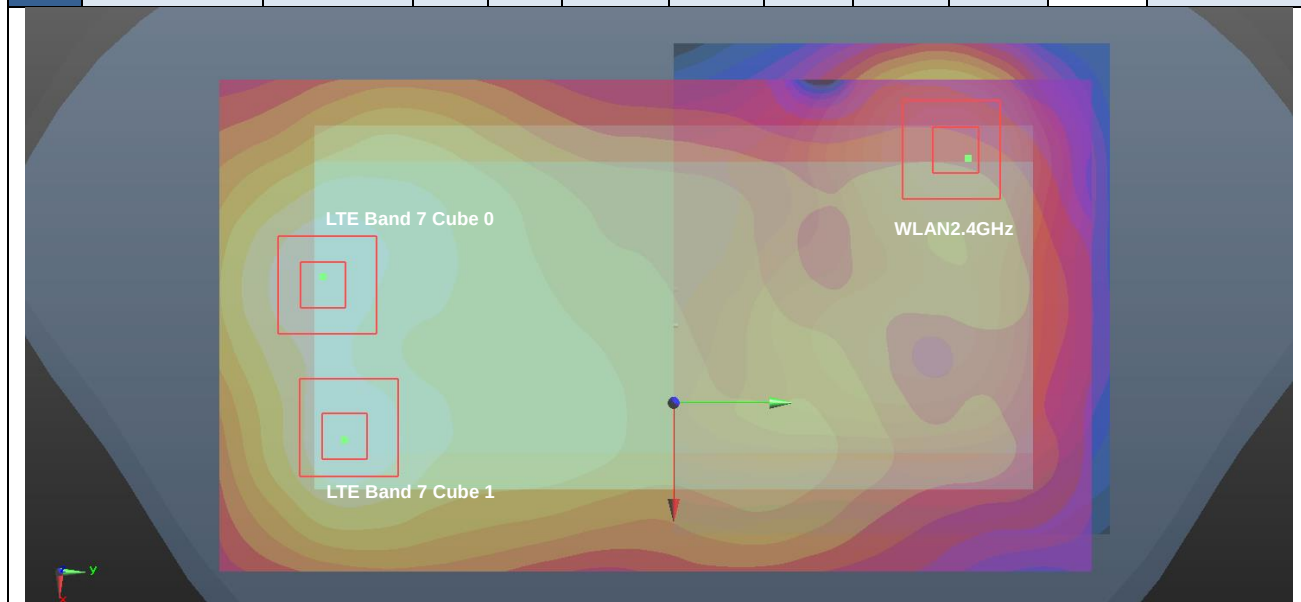
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Case #32	LTE Band 25 Cube 0	Back	1.364	5mm	-39.4	-65.7	-1.7	130.3	2.02	0.02	Not required
	WLAN5GHz		0.575	5mm	-23.8	63.6	1.79				
	Bluetooth		0.084	5mm	-33.8	69.6	-2.68				
	LTE Band 25 Cube 0	Back	1.364	5mm	-39.4	-65.7	-1.7	135.4	2.02	0.02	Not required
	Bluetooth		0.084	5mm	-33.8	69.6	-2.68				
	WLAN5GHz		0.575	5mm	-23.8	63.6	1.79				
	LTE Band 25 Cube 1	Back	1.364	5mm	-15.3	-75.2	-1.6	139.1	2.02	0.02	Not required
	WLAN5GHz		0.575	5mm	-23.8	63.6	1.79				
	Bluetooth		0.084	5mm	-33.8	69.6	-2.68				
	LTE Band 25 Cube 1	Back	1.364	5mm	-15.3	-75.2	-1.6	146.0	2.02	0.02	Not required
	Bluetooth		0.084	5mm	-33.8	69.6	-2.68				
	WLAN5GHz		0.575	5mm	-23.8	63.6	1.79				



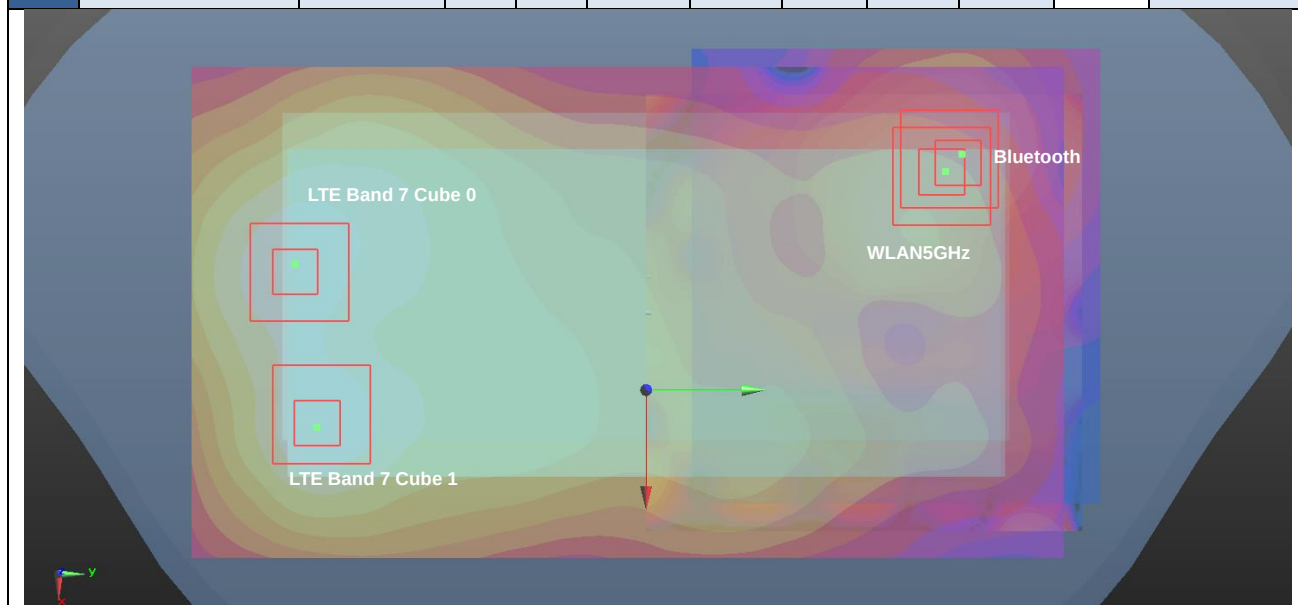
Case #33	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
	LTE Band 7	Front	1.203	5mm	9	-79.8	-1.23	143.8	1.67	0.01	Not required
	WLAN2.4GHz		0.463	5mm	19.8	63.6	-1.72				



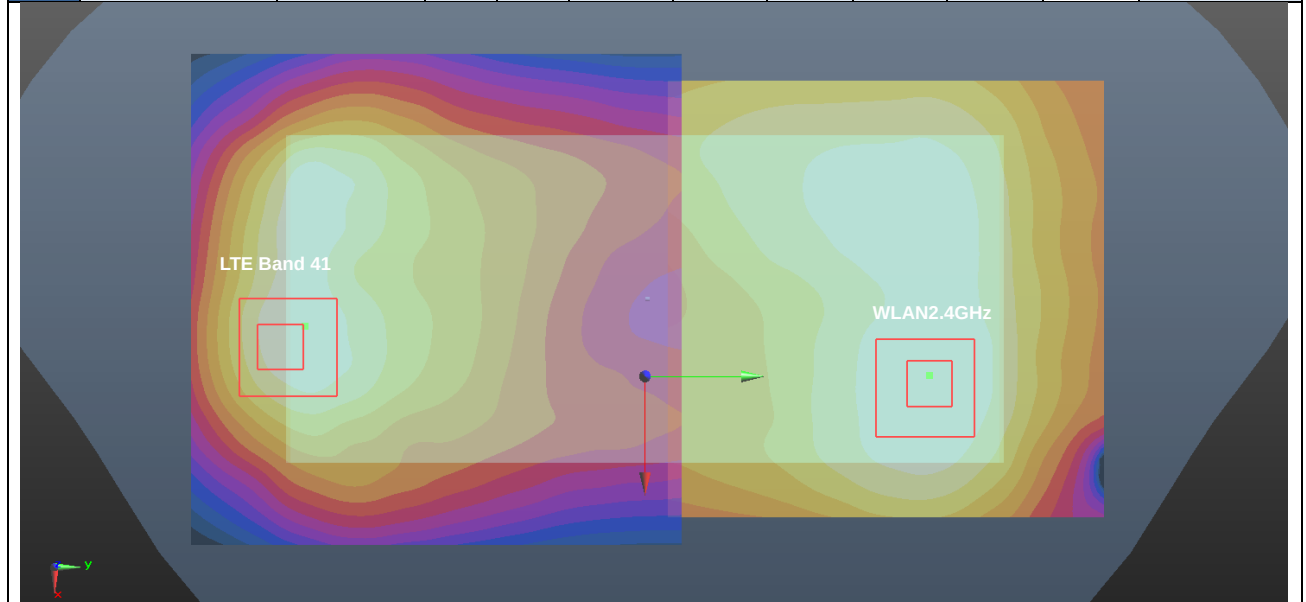
Case #34	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
	LTE Band 7 Cube 0	Back	1.329	5mm	-8.8	-78.2	-1.35	143.6	2.19	0.02	Not required
	WLAN2.4GHz		0.864	5mm	-29.8	63.8	1.94				
	LTE Band 7 Cube 1	Back	1.329	5mm	25.2	-71.4	-1.15	146.0	2.19	0.02	Not required
	WLAN2.4GHz		0.864	5mm	-29.8	63.8	1.94				



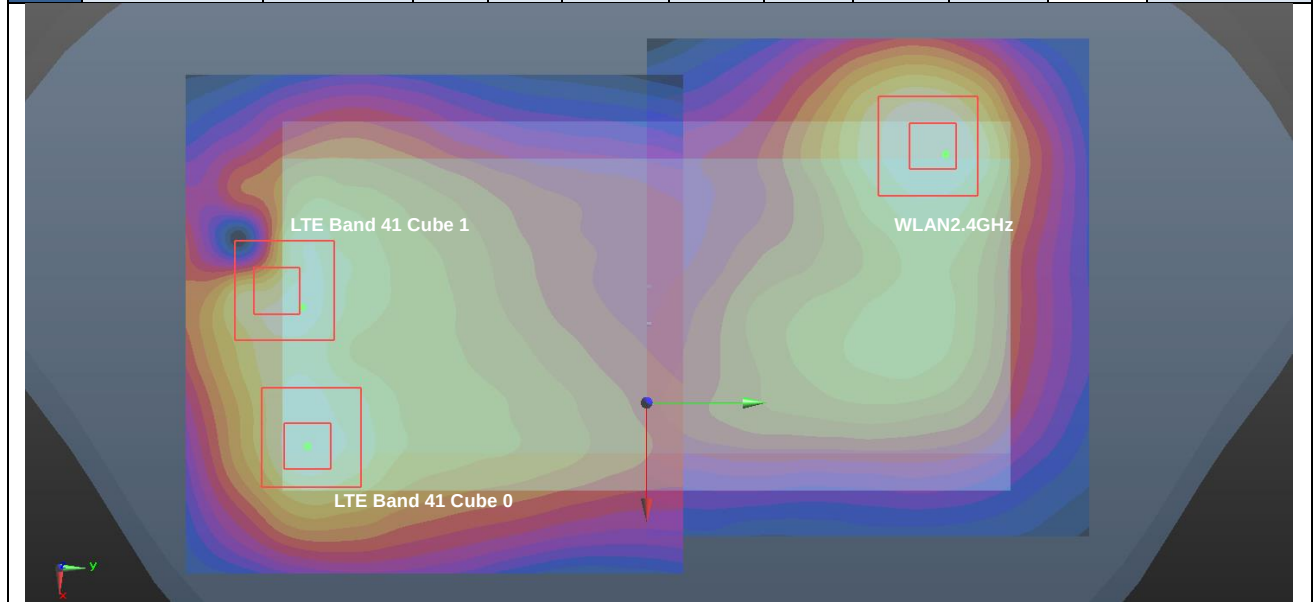
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Case #35	LTE Band 7 Cube 0	Back	1.329	5mm	-8.8	-78.2	-1.35	142.6	1.99	0.02	Not required
	WLAN5GHz		0.575	5mm	-23.8	63.6	1.79				
	Bluetooth		0.084	5mm	-33.8	69.6	-2.68				
	LTE Band 7 Cube 0	Back	1.329	5mm	-8.8	-78.2	-1.35	149.9	1.99	0.02	Not required
	Bluetooth		0.084	5mm	-33.8	69.6	-2.68				
	WLAN5GHz		0.575	5mm	-23.8	63.6	1.79				
	LTE Band 7 Cube 1	Back	1.329	5mm	25.2	-71.4	-1.15	143.6	1.99	0.02	Not required
	WLAN5GHz		0.575	5mm	-23.8	63.6	1.79				
	Bluetooth		0.084	5mm	-33.8	69.6	-2.68				
	LTE Band 7 Cube 1	Back	1.329	5mm	25.2	-71.4	-1.15	152.9	1.99	0.02	Not required
	Bluetooth		0.084	5mm	-33.8	69.6	-2.68				
	WLAN5GHz		0.575	5mm	-23.8	63.6	1.79				



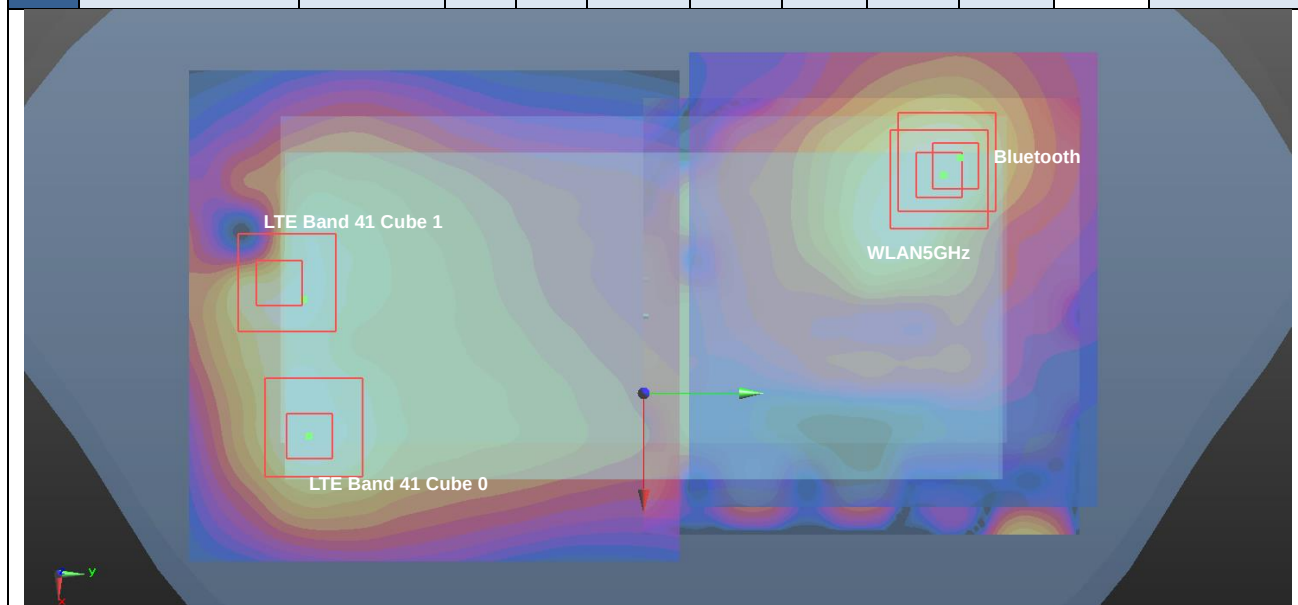
Case #36	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
	LTE Band 41	Front	1.199	5mm	11	-79.8	-1.22	143.7	1.66	0.01	Not required
	WLAN2.4GHz		0.463	5mm	19.8	63.6	-1.72				



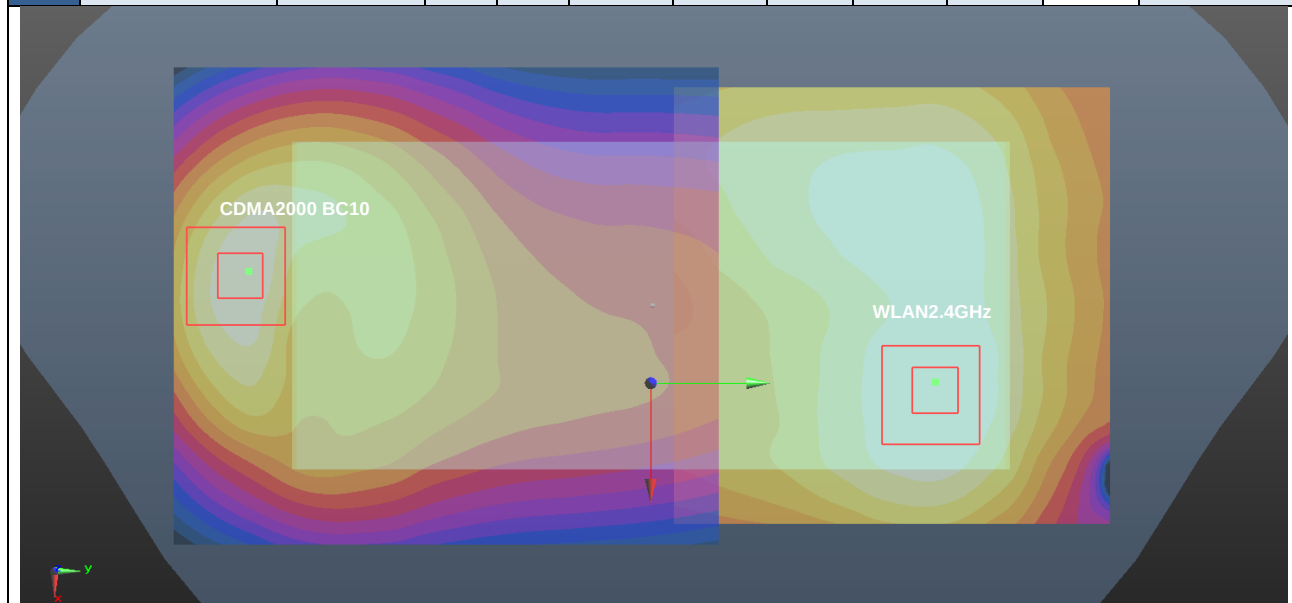
Case #37	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
	LTE Band 41 Cube 0	Back	1.416	5mm	28.4	-73.6	-1.16	149.3	2.28	0.02	Not required
	WLAN2.4GHz		0.864	5mm	-29.8	63.8	1.94				
	LTE Band 41 Cube 1	Back	1.416	5mm	-7.6	-80.8	-1.34	146.3	2.28	0.02	Not required
	WLAN2.4GHz		0.864	5mm	-29.8	63.8	1.94				



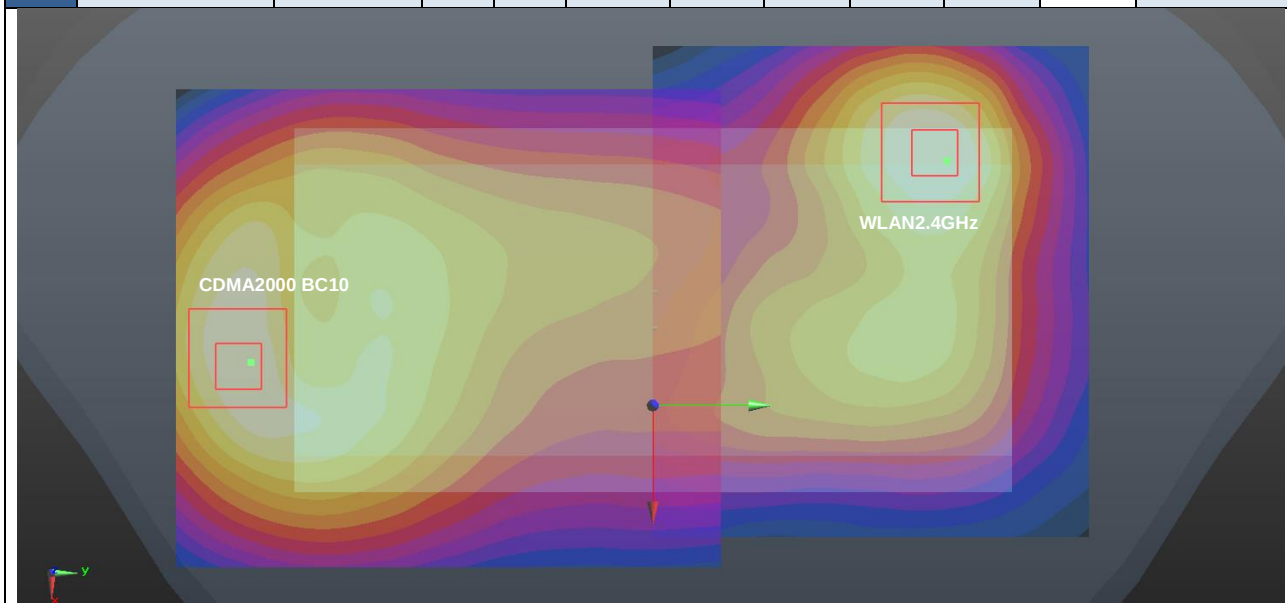
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Case #38	LTE Band 41 Cube 0	Back	1.416	5mm	28.4	-73.6	-1.16	146.8	2.08	0.02	Not required
	WLAN5GHz		0.575	5mm	-23.8	63.6	1.79				
	Bluetooth		0.084	5mm	-33.8	69.6	-2.68				
	LTE Band 41 Cube 0	Back	1.416	5mm	28.4	-73.6	-1.16	156.1	2.08	0.02	Not required
	Bluetooth		0.084	5mm	-33.8	69.6	-2.68				
	WLAN5GHz		0.575	5mm	-23.8	63.6	1.79				
	LTE Band 41 Cube 1	Back	1.416	5mm	-7.6	-80.8	-1.34	145.3	2.08	0.02	Not required
	WLAN5GHz		0.575	5mm	-23.8	63.6	1.79				
	Bluetooth		0.084	5mm	-33.8	69.6	-2.68				
	LTE Band 41 Cube 1	Back	1.416	5mm	-7.6	-80.8	-1.34	152.7	2.08	0.02	Not required
	Bluetooth		0.084	5mm	-33.8	69.6	-2.68				
	WLAN5GHz		0.575	5mm	-23.8	63.6	1.79				



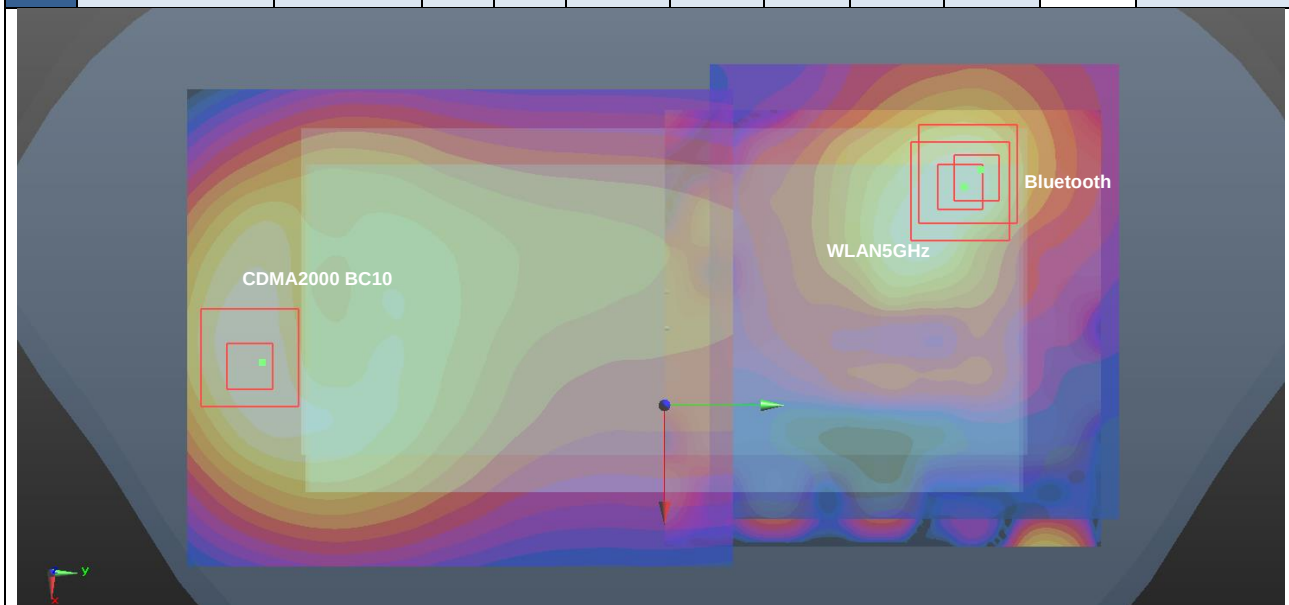
Case #39	Band	Position	SAR (W/kg)	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
				(mm)	X	Y	Z				
	CDMA2000 BC10	Front	1.171	5mm	-7.5	-90.1	-2.36	156.1	1.63	0.01	Not required
	WLAN2.4GHz		0.463	5mm	19.8	63.6	-1.72				



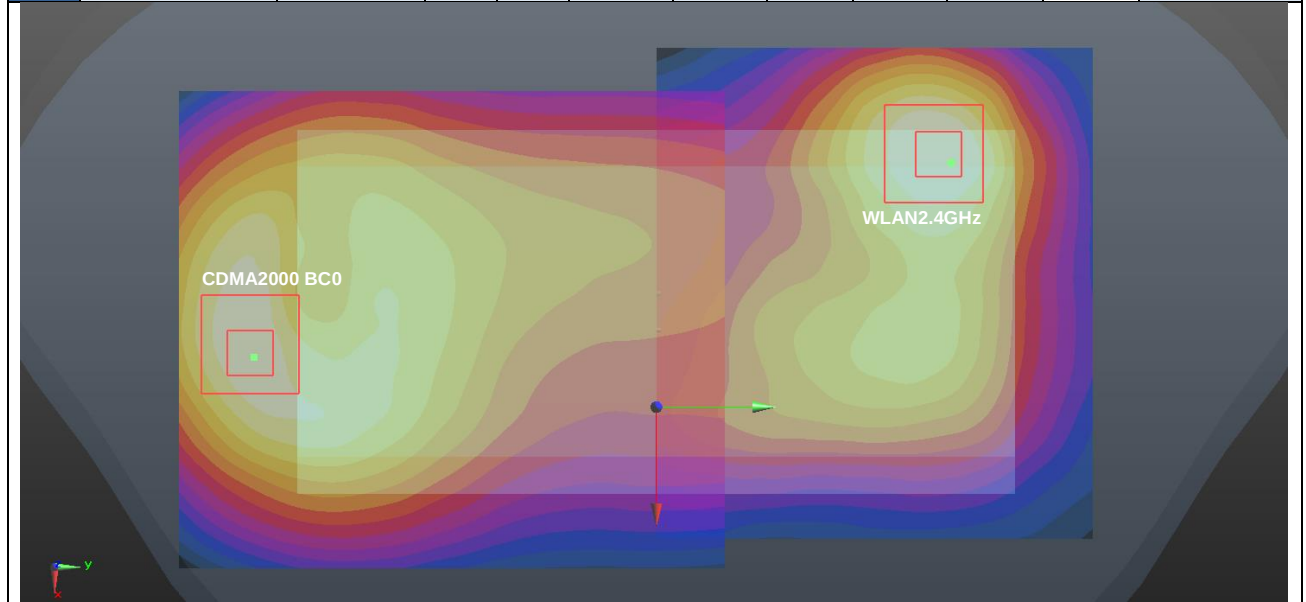
Case #40	Band	Position	SAR (W/kg)	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
				(mm)	X	Y	Z				
	CDMA2000 BC10	Back	1.343	5mm	10.7	-90.1	-2.18	159.2	2.21	0.02	Not required
	WLAN2.4GHz		0.864	5mm	-29.8	63.8	1.94				



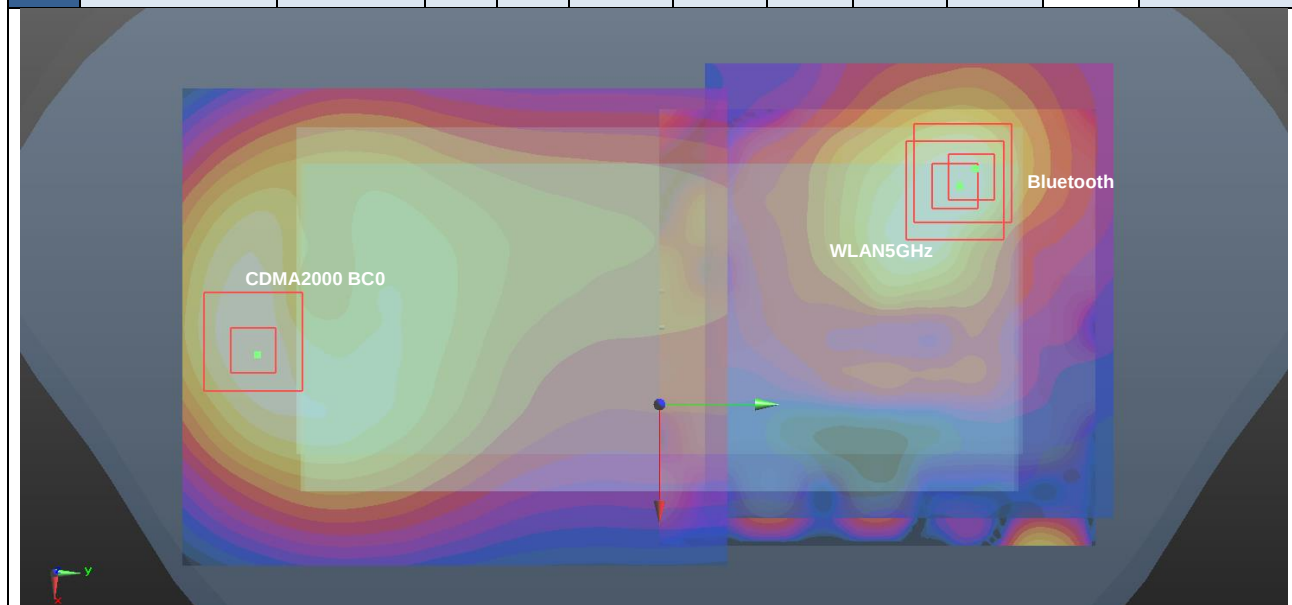
	Band	Position	SAR (W/kg)	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
				(mm)	X	Y	Z				
Case #41	CDMA2000 BC10	Back	1.343	5mm	10.7	-90.1	-2.18	157.6	2.00	0.02	Not required
	WLAN5GHz		0.575	5mm	-23.8	63.6	1.79				
	Bluetooth		0.084	5mm	-33.8	69.6	-2.68				
	CDMA2000 BC10	Back	1.343	5mm	10.7	-90.1	-2.18	165.8	2.00	0.02	Not required
	Bluetooth		0.084	5mm	-33.8	69.6	-2.68				
	WLAN5GHz		0.575	5mm	-23.8	63.6	1.79				



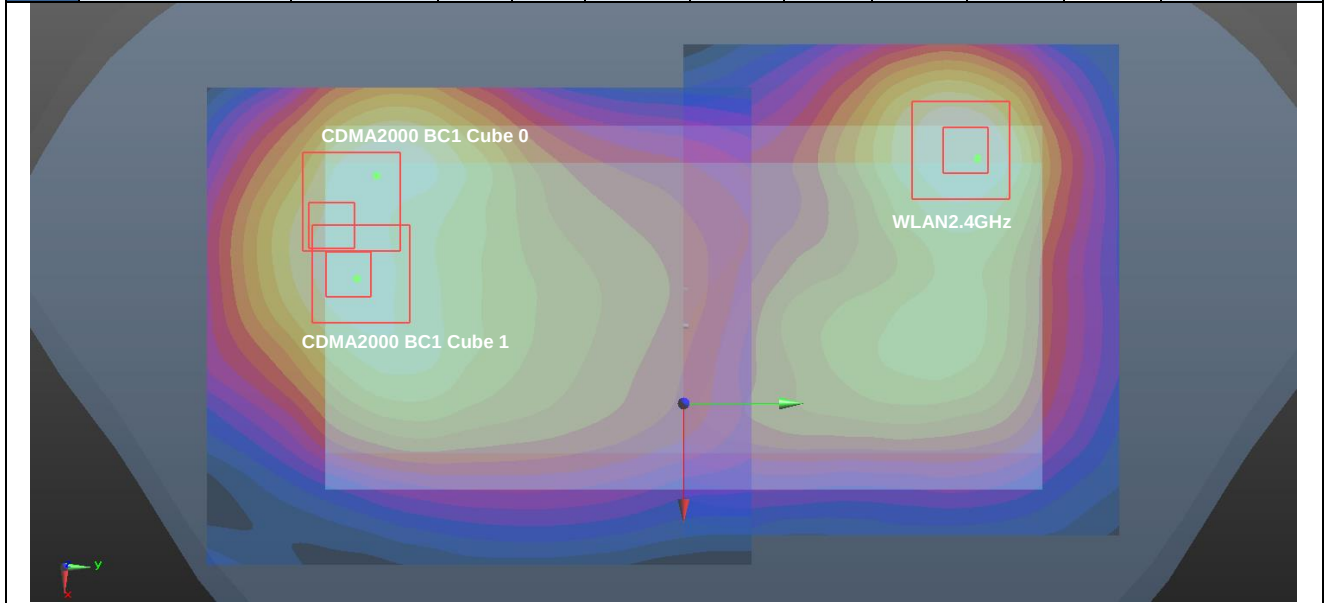
Case #42	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
	CDMA2000 BC0	Back	1.306	5mm	7.6	-88.5	-2.2	156.9	2.17	0.02	Not required
	WLAN2.4GHz		0.864	5mm	-29.8	63.8	1.94				



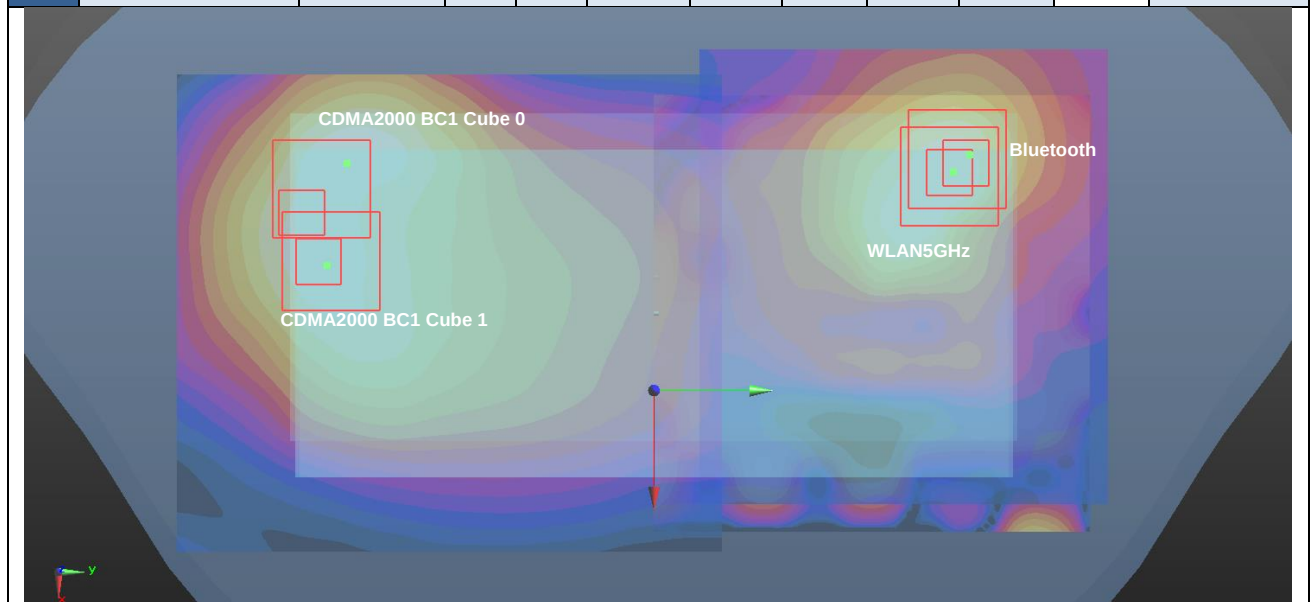
Case #43	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
	CDMA2000 BC0	Back	1.306	5mm	7.6	-88.5	-2.2	155.4	1.97	0.02	Not required
	WLAN5GHz		0.575	5mm	-23.8	63.6	1.79				
	Bluetooth		0.084	5mm	-33.8	69.6	-2.68				
	CDMA2000 BC0	Back	1.306	5mm	7.6	-88.5	-2.2	163.4	1.97	0.02	Not required
	Bluetooth		0.084	5mm	-33.8	69.6	-2.68				
	WLAN5GHz		0.575	5mm	-23.8	63.6	1.79				



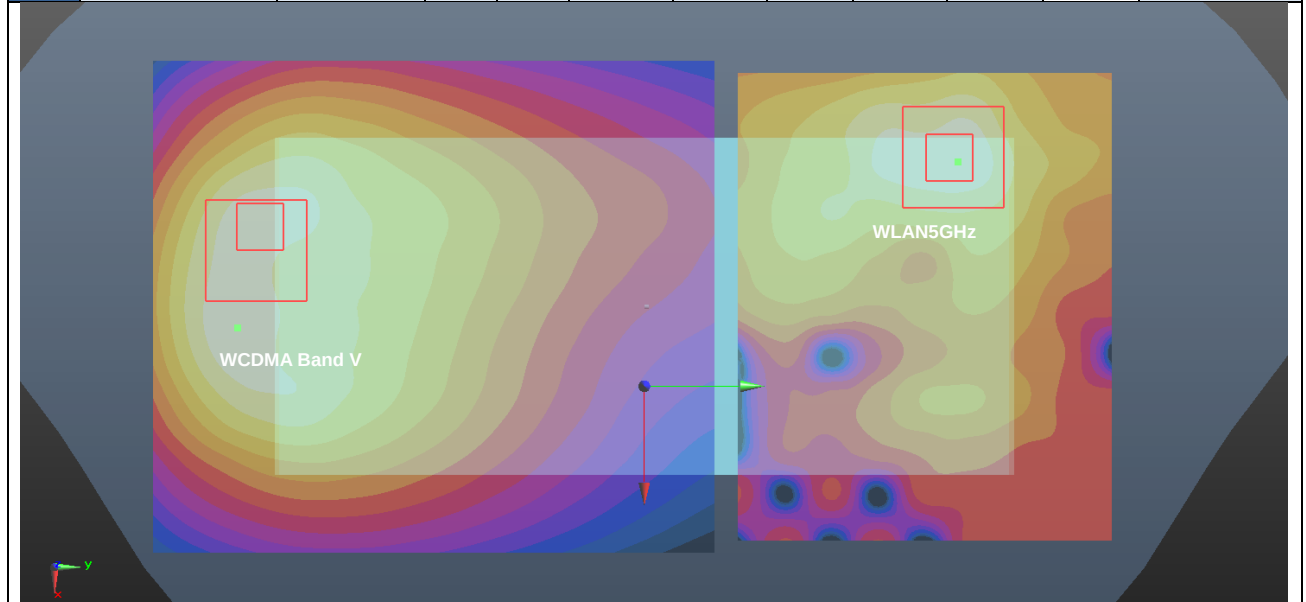
Case #44	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
	CDMA2000 BC1 Cube 0	Back	1.377	5mm	-37.8	-62.7	-1.6	126.8	2.24	0.03	Not required
	WLAN2.4GHz		0.864	5mm	-29.8	63.8	1.94				
	CDMA2000 BC1 Cube 1	Back	1.377	5mm	-10.5	-75.2	-1.78	140.4	2.24	0.02	Not required
	WLAN2.4GHz		0.864	5mm	-29.8	63.8	1.94				



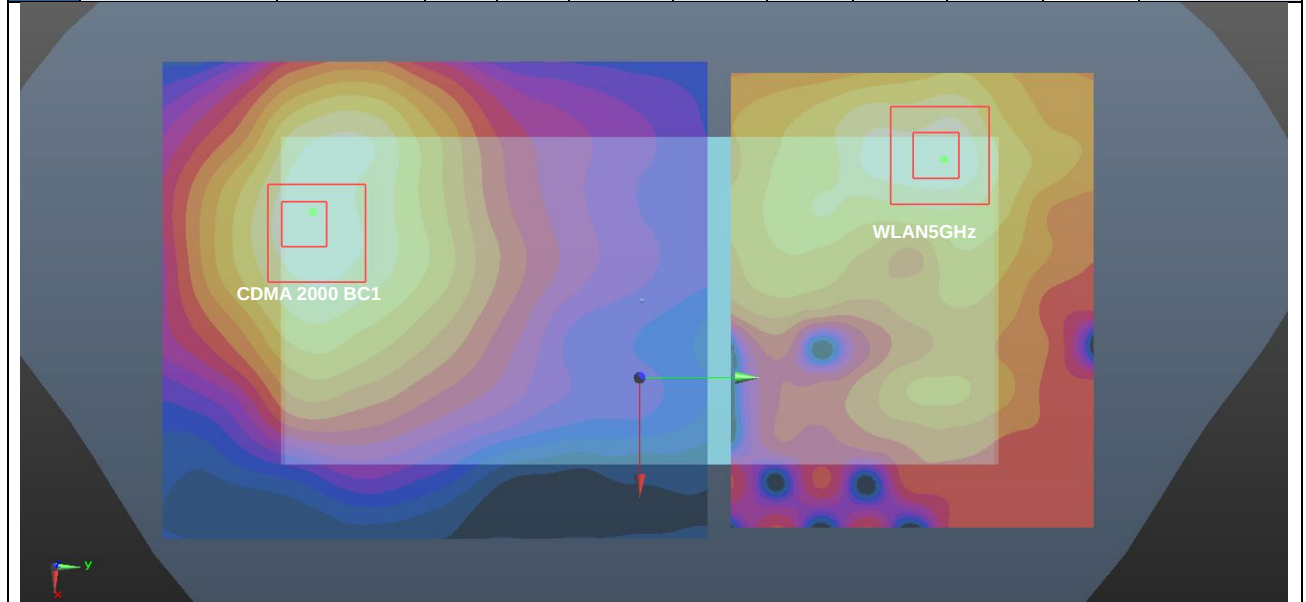
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Case #45	CDMA2000 BC1 Cube 0	Back	1.377	5mm	-37.8	-62.7	-1.6	127.1	2.04	0.02	Not required
	WLAN5GHz		0.575	5mm	-23.8	63.6	1.79				
	Bluetooth		0.084	5mm	-33.8	69.6	-2.68				
	CDMA2000 BC1 Cube 0	Back	1.377	5mm	-37.8	-62.7	-1.6	132.4	2.04	0.02	Not required
	Bluetooth		0.084	5mm	-33.8	69.6	-2.68				
	WLAN5GHz		0.575	5mm	-23.8	63.6	1.79				
	CDMA2000 BC1 Cube 1	Back	1.377	5mm	-10.5	-75.2	-1.78	139.5	2.04	0.02	Not required
	WLAN5GHz		0.575	5mm	-23.8	63.6	1.79				
	Bluetooth		0.084	5mm	-33.8	69.6	-2.68				
	CDMA2000 BC1 Cube 1	Back	1.377	5mm	-10.5	-75.2	-1.78	146.7	2.04	0.02	Not required
	Bluetooth		0.084	5mm	-33.8	69.6	-2.68				
	WLAN5GHz		0.575	5mm	-23.8	63.6	1.79				



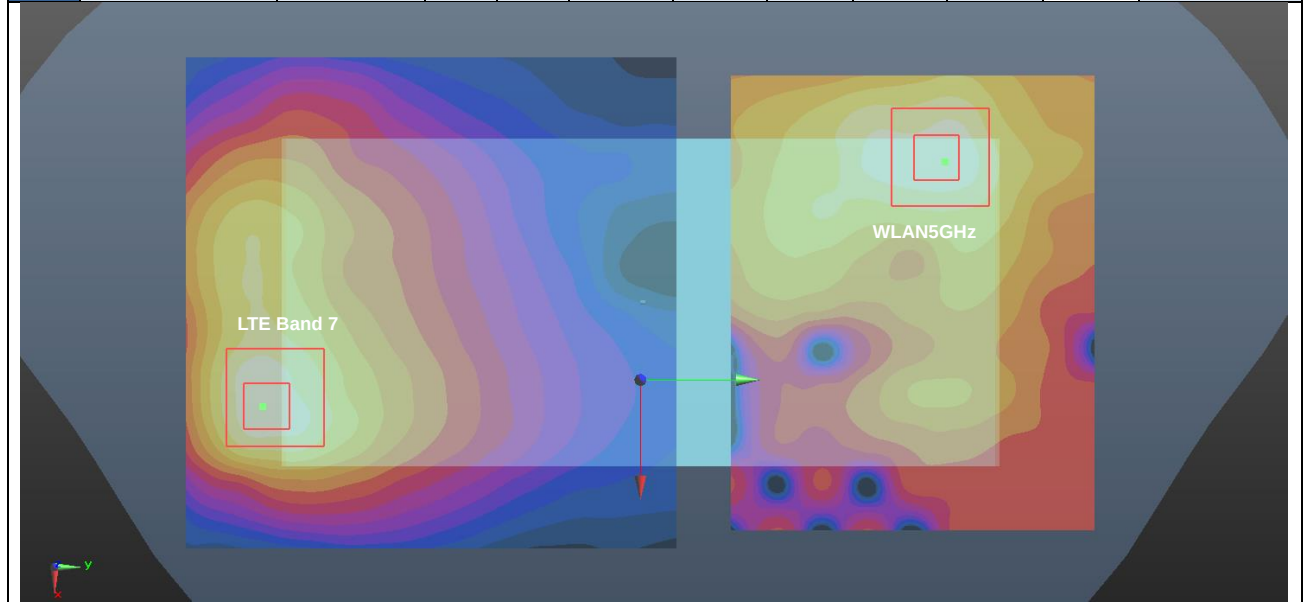
Case #46	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
	WCDMA Band V	Back	3.079	0mm	-19.5	-82.2	-1.48	144.4	4.44	0.06	Not required
	WLAN5GHz		1.361	0mm	-34.2	61.4	-1.44				



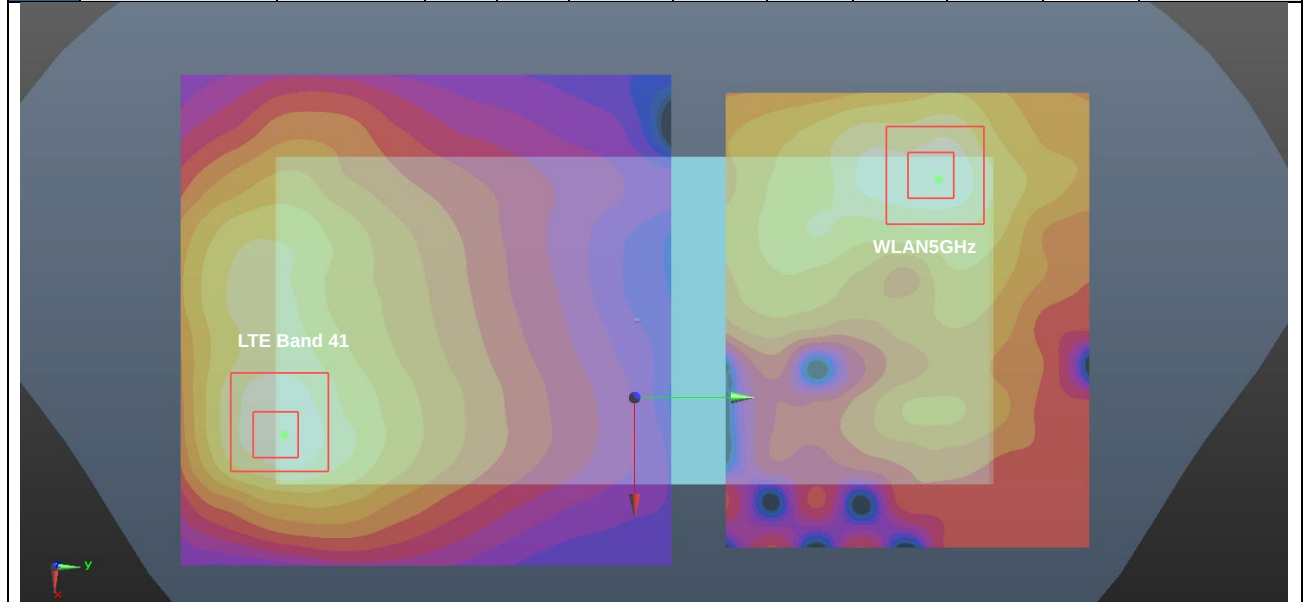
Case #47	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
	CDMA 2000 BC1	Back	3.066	0mm	-22.7	-76.8	-1.19	138.7	4.43	0.07	Not required
	WLAN5GHz		1.361	0mm	-34.2	61.4	-1.44				



Case #48	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
	LTE Band 7	Back	2.831	0mm	25.8	-82.2	-0.91	155.6	4.19	0.06	Not required
	WLAN5GHz		1.361	0mm	-34.2	61.4	-1.44				



Case #49	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
	LTE Band 41	Back	2.679	0mm	27.2	-80.2	-0.84	154.3	4.04	0.05	Not required
	WLAN5GHz		1.361	0mm	-34.2	61.4	-1.44				



Test Engineer: Nick Hu, Yuan Zhao, Jiaxing Chang, Yuankai Kong

17. Uncertainty Assessment

Per KDB 865664 D01 SAR measurement 100MHz to 6GHz, when the highest measured 1-g SAR within a frequency band is < 1.5 W/kg and the measured 10-g SAR within a frequency band is < 3.75 W/kg. The expanded SAR measurement uncertainty must be $\leq 30\%$, for a confidence interval of $k = 2$. If these conditions are met, extensive SAR measurement uncertainty analysis described in IEEE Std 1528-2013 is not required in SAR reports submitted for equipment approval. For this device, the highest measured 1-g SAR is less 1.5W/kg and highest measured 10-g SAR is less 3.75W/kg. Therefore, the measurement uncertainty table is not required in this report.

18. References

- [1] FCC 47 CFR Part 2 "Frequency Allocations and Radio Treaty Matters; General Rules and Regulations"
- [2] ANSI/IEEE Std. C95.1-1992, "IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz", September 1992
- [3] IEEE Std. 1528-2013, "IEEE Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques", Sep 2013
- [4] SPEAG DASY System Handbook
- [5] FCC KDB 865664 D01 v01r04, "SAR Measurement Requirements for 100 MHz to 6 GHz", Aug 2015.
- [6] FCC KDB 865664 D02 v01r02, "RF Exposure Compliance Reporting and Documentation Considerations" Oct 2015.
- [7] FCC KDB 447498 D01 v06, "Mobile and Portable Device RF Exposure Procedures and Equipment Authorization Policies", Oct 2015
- [8] FCC KDB 648474 D04 v01r03, "SAR Evaluation Considerations for Wireless Handsets", Oct 2015.
- [9] FCC KDB 248227 D01 v02r02, "SAR Guidance for IEEE 802.11 (WiFi) Transmitters", Oct 2015.
- [10] FCC KDB 616217 D04 v01r02, "SAR Evaluation Considerations for Laptop, Notebook, Netbook and Tablet Computers", Oct 2015
- [11] FCC KDB 941225 D01 v03r01, "3G SAR MEAUREMENT PROCEDURES", Oct 2015
- [12] FCC KDB 941225 D05 v02r05, "SAR Evaluation Considerations for LTE Devices", Dec 2015
- [13] FCC KDB 941225 D05A v01r02, "Rel. 10 LTE SAR Test Guidance and KDB Inquiries", Oct 2015
- [14] FCC KDB 941225 D06 v02r01, "SAR Evaluation Procedures for Portable Devices with Wireless Router Capabilities", Oct 2015.



Appendix A. Plots of System Performance Check

The plots are shown as follows.

System Check_Head_750MHz**DUT: D750V3 - SN:1087**

Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1

Medium: HSL_750 Medium parameters used: $f = 750$ MHz; $\sigma = 0.901$ S/m; $\epsilon_r = 42.19$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3279; ConvF(6.58, 6.58, 6.58); Calibrated: 2019.3.4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2019.4.17
- Phantom: SAM1; Type: SAM; Serial: TP-1839
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.60 W/kg

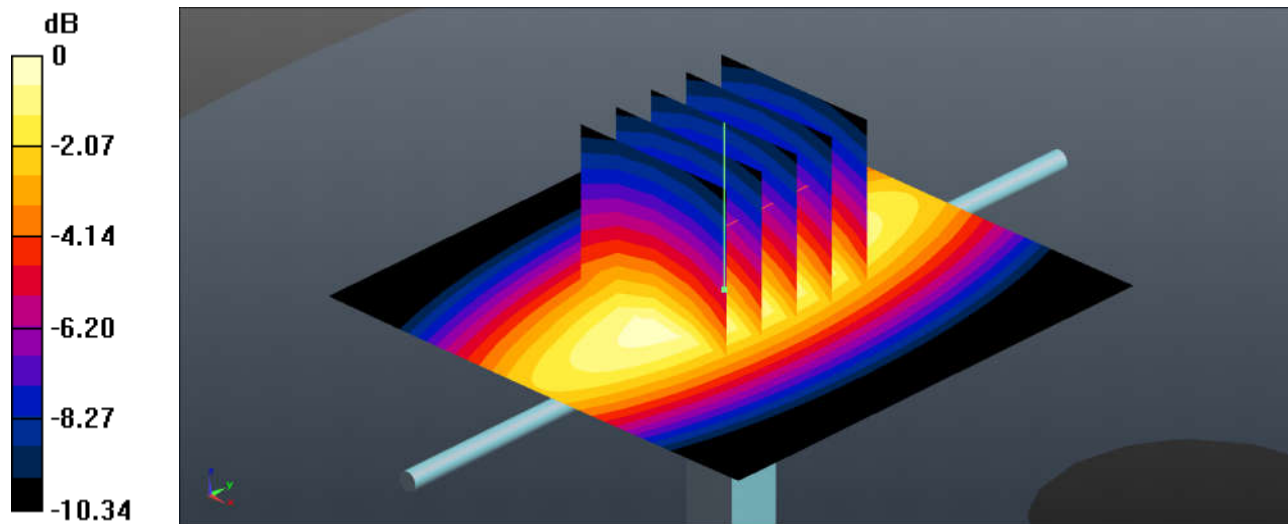
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 50.00 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 3.13 W/kg

SAR(1 g) = 2.03 W/kg; SAR(10 g) = 1.34 W/kg

Maximum value of SAR (measured) = 2.60 W/kg



0 dB = 2.60 W/kg = 4.15 dBW/kg

System Check_Head_835MHz**DUT: D835V2 - SN:4d151**

Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1

Medium: HSL_835 Medium parameters used: $f = 835$ MHz; $\sigma = 0.902$ S/m; $\epsilon_r = 41.842$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3279; ConvF(6.38, 6.38, 6.38); Calibrated: 2019.3.4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2019.4.17
- Phantom: SAM1; Type: SAM; Serial: TP-1839
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.86 W/kg

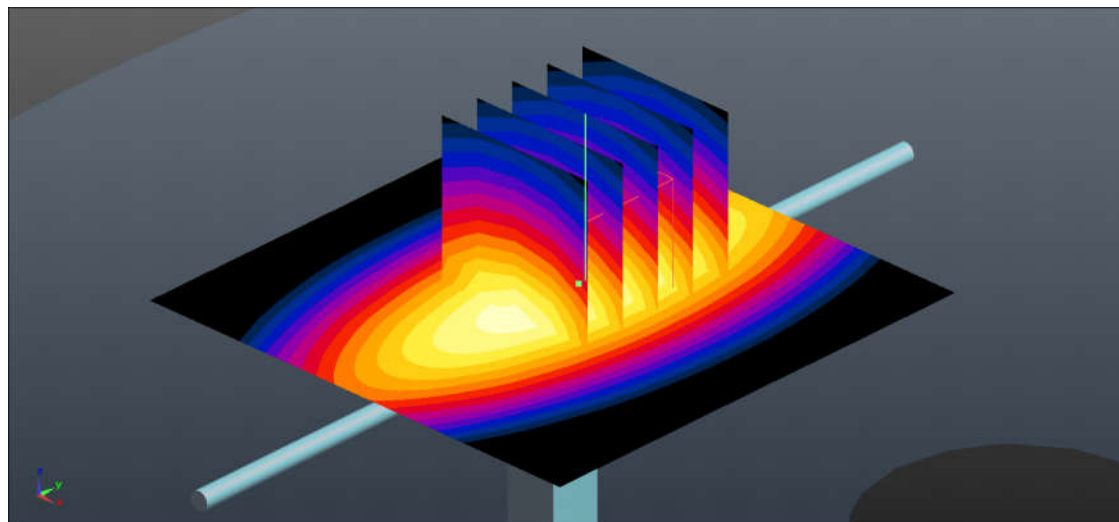
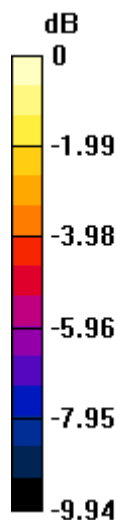
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 52.40 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 3.19 W/kg

SAR(1 g) = 2.38 W/kg; SAR(10 g) = 1.6 W/kg

Maximum value of SAR (measured) = 2.90 W/kg



0 dB = 2.90 W/kg = 4.62 dBW/kg

System Check_Head_1750MHz**DUT: D1750V2 - SN:1090**

Communication System: UID 0, CW; Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: HSL_1750 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.413$ S/m; $\epsilon_r = 39.149$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3279; ConvF(5.59, 5.59, 5.59); Calibrated: 2019.3.4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2019.4.17
- Phantom: SAM1; Type: SAM; Serial: TP-1839
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 14.0 W/kg

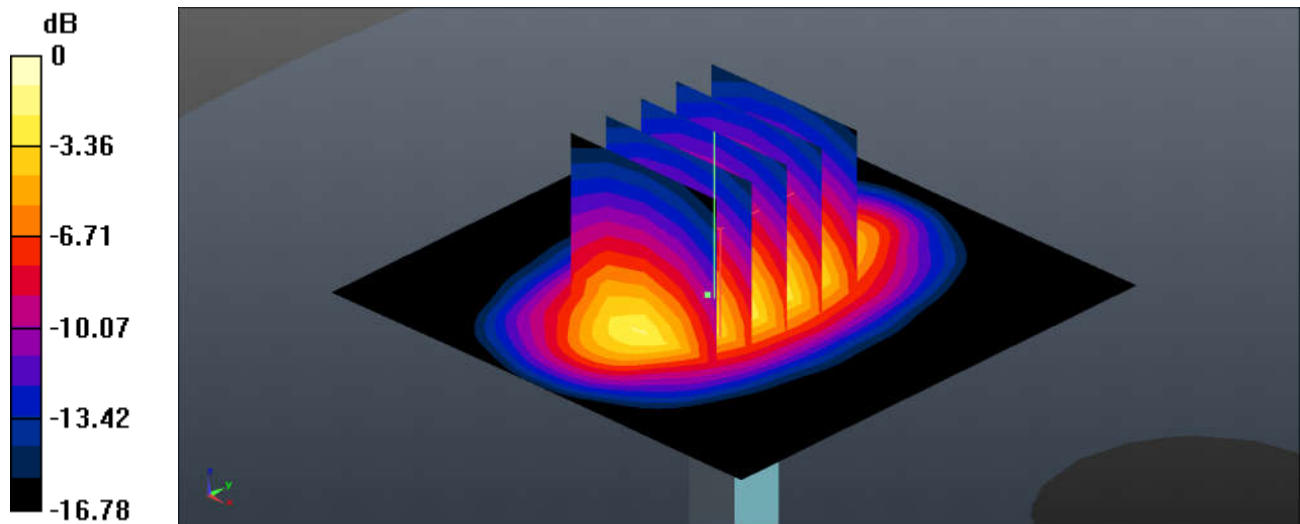
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 87.26 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 17.5 W/kg

SAR(1 g) = 9.72 W/kg; SAR(10 g) = 5.17 W/kg

Maximum value of SAR (measured) = 13.7 W/kg



0 dB = 13.7 W/kg = 11.37 dBW/kg

System Check_Head_1900MHz**DUT: D1900V2 - SN:5d170**

Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: HSL_1900 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.38$ S/m; $\epsilon_r = 38.83$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3279; ConvF(5.35, 5.35, 5.35); Calibrated: 2019.3.4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2019.4.17
- Phantom: SAM1; Type: SAM; Serial: TP-1839
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 11.6 W/kg

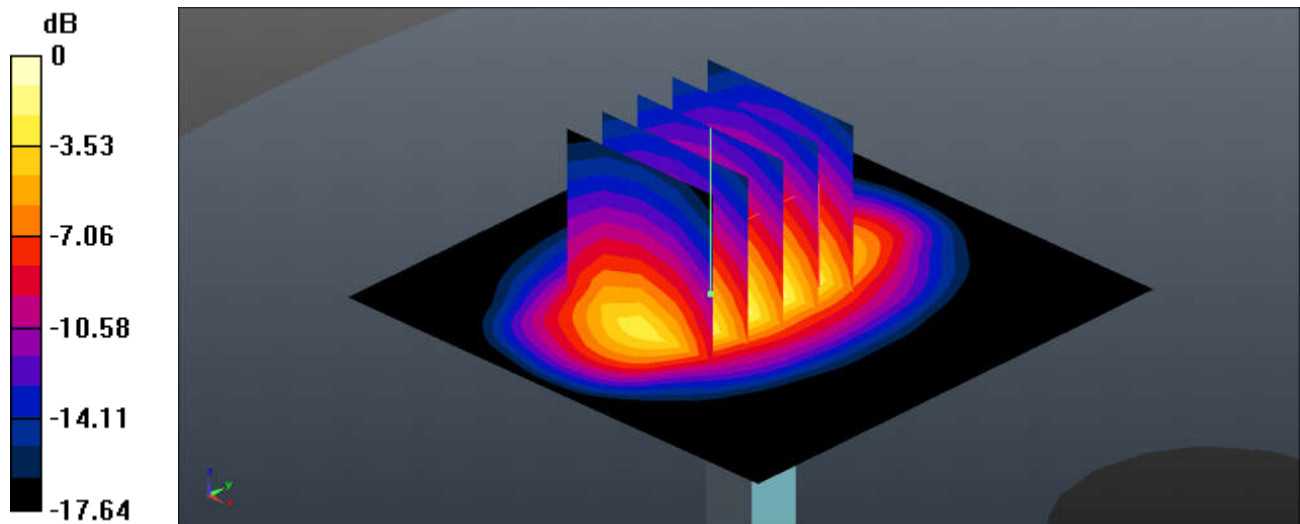
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 88.16 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 16.2 W/kg

SAR(1 g) = 9.03 W/kg; SAR(10 g) = 4.79 W/kg

Maximum value of SAR (measured) = 11.3 W/kg



0 dB = 11.3 W/kg = 10.53 dBW/kg

System Check_Head_2450MHz**DUT: D2450V2 - SN:908**

Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: HSL_2450 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.831$ S/m; $\epsilon_r = 39.866$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3279; ConvF(4.77, 4.77, 4.77); Calibrated: 2019.3.4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2019.4.17
- Phantom: SAM1; Type: SAM; Serial: TP-1839
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

Pin=250mW/Area Scan (71x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 19.8 W/kg

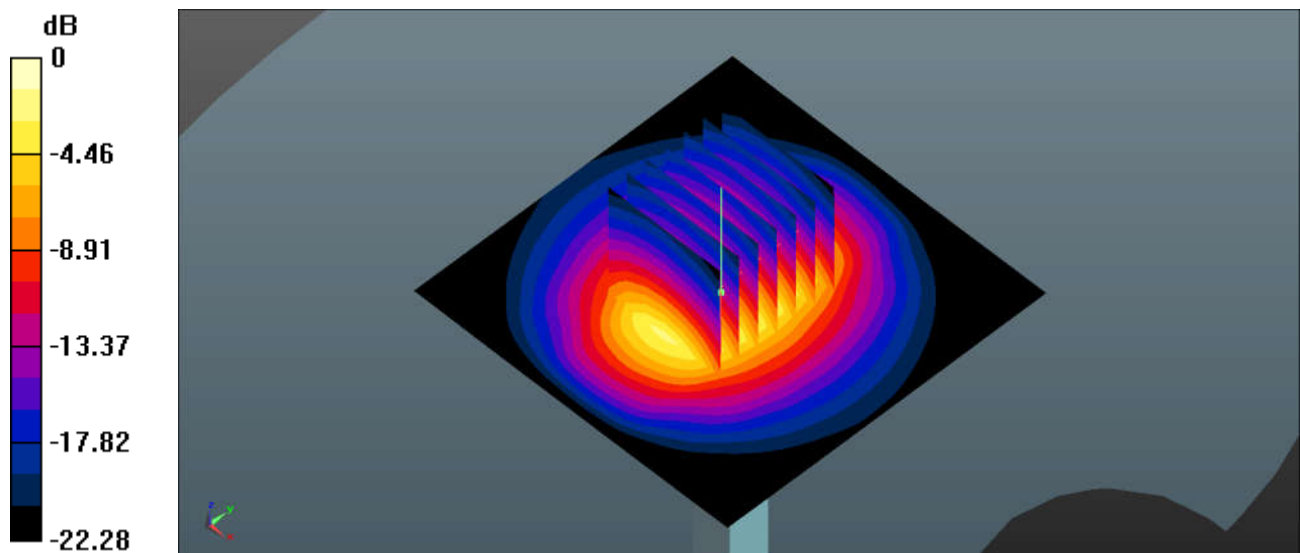
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 104.9 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 30.4 W/kg

SAR(1 g) = 14.1 W/kg; SAR(10 g) = 6.49 W/kg

Maximum value of SAR (measured) = 19.3 W/kg



0 dB = 19.3 W/kg = 12.86 dBW/kg

System Check_Head_2600MHz**DUT: D2600V2 - SN:1061**

Communication System: UID 0, CW; Frequency: 2600 MHz; Duty Cycle: 1:1

Medium: HSL_2600 Medium parameters used: $f = 2600$ MHz; $\sigma = 2.039$ S/m; $\epsilon_r = 39.682$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(7.3, 7.3, 7.3); Calibrated: 2019.4.25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2019.4.17
- Phantom: SAM2; Type: SAM; Serial: TP-1697
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

Pin=250mW/Area Scan (71x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 25.9 W/kg

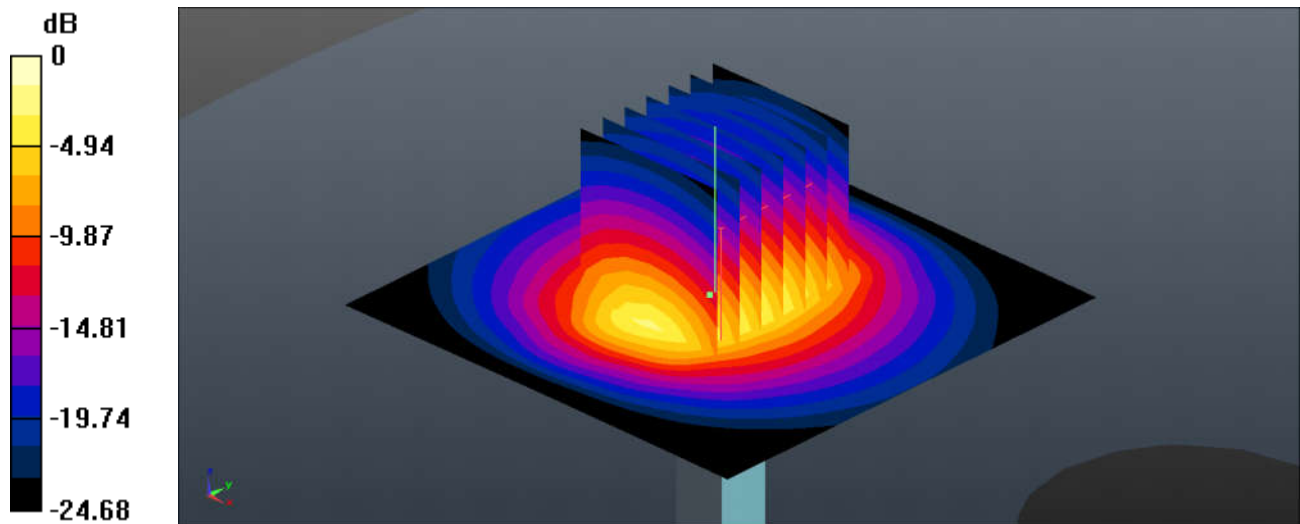
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 115.6 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 32.8 W/kg

SAR(1 g) = 14.2 W/kg; SAR(10 g) = 6.18 W/kg

Maximum value of SAR (measured) = 25.4 W/kg



0 dB = 25.4 W/kg = 14.05 dBW/kg

System Check_HSL_5250MHz**DUT: D5GHzV2 - SN:1006**

Communication System: UID 0, CW (0); Frequency: 5250 MHz; Duty Cycle: 1:1

Medium: HSL_5000 Medium parameters used: $f = 5250$ MHz; $\sigma = 4.554$ S/m; $\epsilon_r = 34.762$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(4.98, 4.98, 4.98); Calibrated: 2019.4.25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2019.4.17
- Phantom: SAM2; Type: SAM; Serial: TP-1697
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 20.9 W/kg

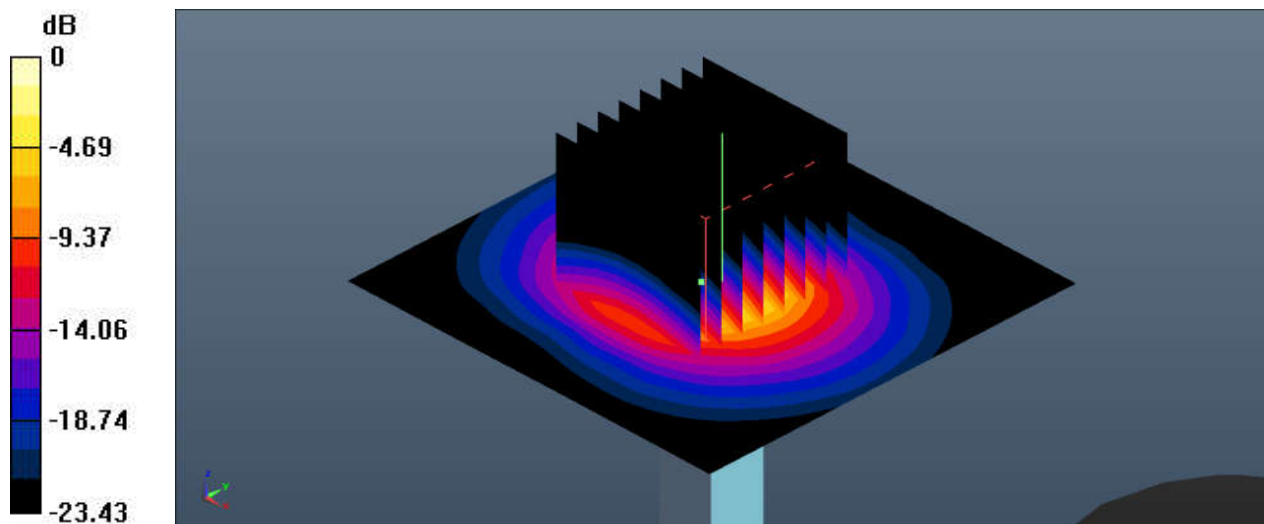
Pin=100mW/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 44.63 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 34.9 W/kg

SAR(1 g) = 8.5 W/kg; SAR(10 g) = 2.42 W/kg

Maximum value of SAR (measured) = 19.7 W/kg



0 dB = 20.9 W/kg = 13.20 dBW/kg

System Check_HSL_5600MHz**DUT: D5GHzV2 - SN:1006**

Communication System: UID 0, CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1

Medium: HSL_5000 Medium parameters used: $f = 5600$ MHz; $\sigma = 4.895$ S/m; $\epsilon_r = 34.287$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(4.51, 4.51, 4.51); Calibrated: 2019.4.25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2019.4.17
- Phantom: SAM2; Type: SAM; Serial: TP-1697
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 17.1 W/kg

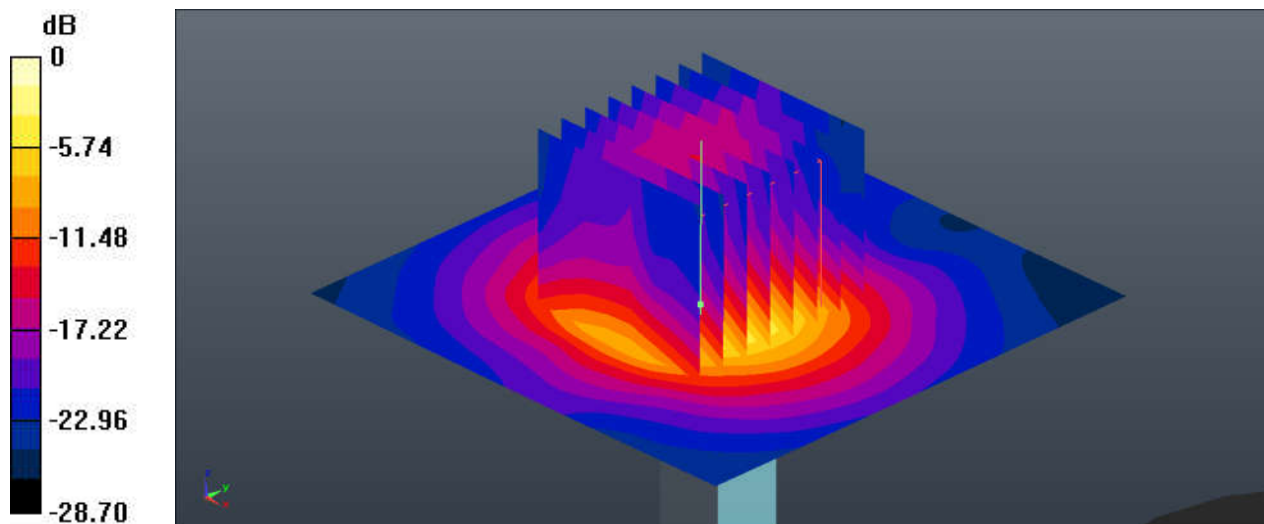
Pin=100mW/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 38.96 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 27.2 W/kg

SAR(1 g) = 7.88 W/kg; SAR(10 g) = 2.27 W/kg

Maximum value of SAR (measured) = 16.7 W/kg



0 dB = 17.1 W/kg = 12.33 dBW/kg

System Check_HSL_5750MHz**DUT: D5GHzV2 - SN:1006**

Communication System: UID 0, CW (0); Frequency: 5750 MHz; Duty Cycle: 1:1

Medium: HSL_5000 Medium parameters used: $f = 5750$ MHz; $\sigma = 5.048$ S/m; $\epsilon_r = 34.058$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(4.65, 4.65, 4.65); Calibrated: 2019.4.25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2019.4.17
- Phantom: SAM2; Type: SAM; Serial: TP-1697
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 16.1 W/kg

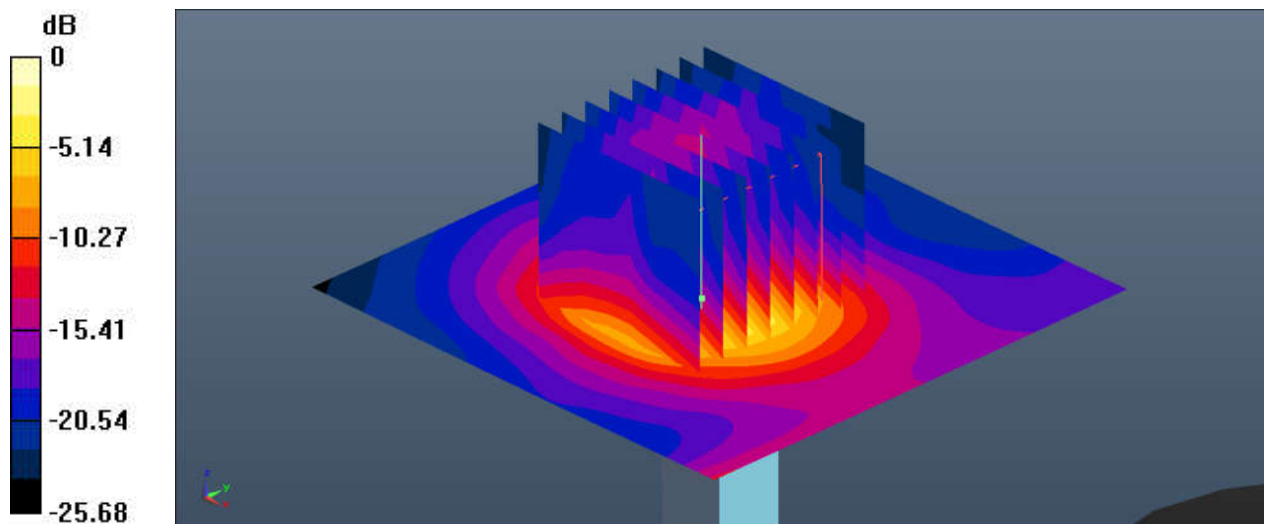
Pin=100mW/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 37.62 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 26.5 W/kg

SAR(1 g) = 7.68 W/kg; SAR(10 g) = 2.24 W/kg

Maximum value of SAR (measured) = 16.5 W/kg



0 dB = 16.1 W/kg = 12.07 dBW/kg



Appendix B. Plots of High SAR Measurement

The plots are shown as follows.

01_GSM 850_GPRS 3 Tx slots_Right Cheek_0mm_Ch251

Communication System: UID 0, GSM850-3UP (0); Frequency: 848.8 MHz; Duty Cycle: 1:2.77
Medium: HSL_835 Medium parameters used: $f = 849$ MHz; $\sigma = 0.915$ S/m; $\epsilon_r = 41.657$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3279; ConvF(6.38, 6.38, 6.38); Calibrated: 2019.3.4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2019.4.17
- Phantom: SAM1; Type: SAM; Serial: TP-1839
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Ch251/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.471 W/kg

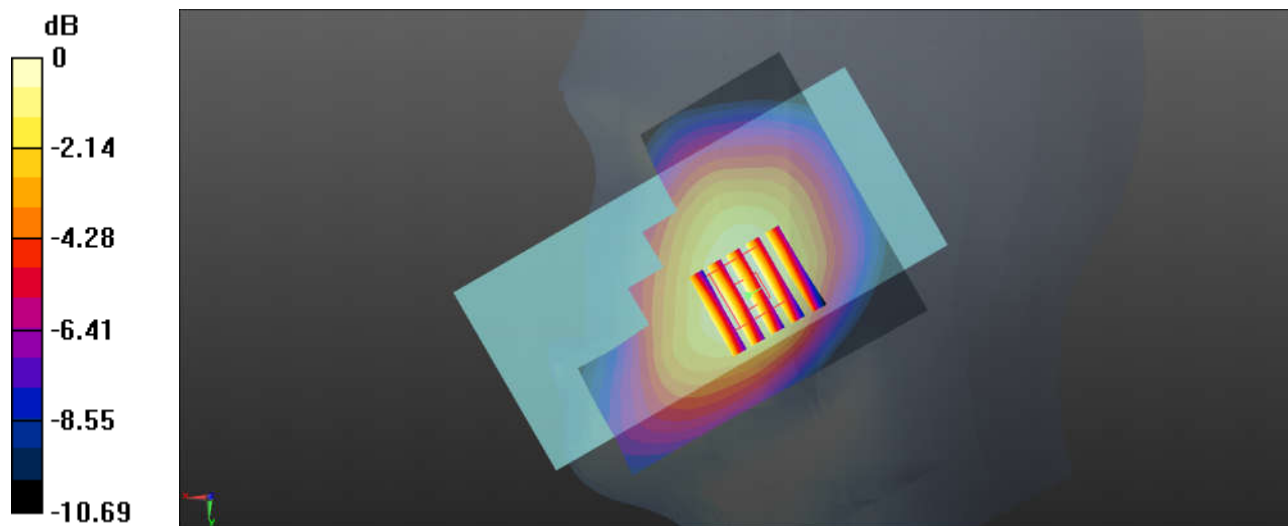
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.631 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.538 W/kg

SAR(1 g) = 0.414 W/kg; SAR(10 g) = 0.309 W/kg

Maximum value of SAR (measured) = 0.459 W/kg



0 dB = 0.459 W/kg = -3.38 dBW/kg

02_GSM 1900_GPRS 3 Tx slots_Left Cheek_0mm_Ch661

Communication System: UID 0, PCS-3UP (0); Frequency: 1880 MHz; Duty Cycle: 1:2.77

Medium: HSL_1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.36$ S/m; $\epsilon_r = 38.905$; $\rho = 1000$

kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3279; ConvF(5.35, 5.35, 5.35); Calibrated: 2019.3.4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2019.4.17
- Phantom: SAM1; Type: SAM; Serial: TP-1839
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Ch661/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0907 W/kg

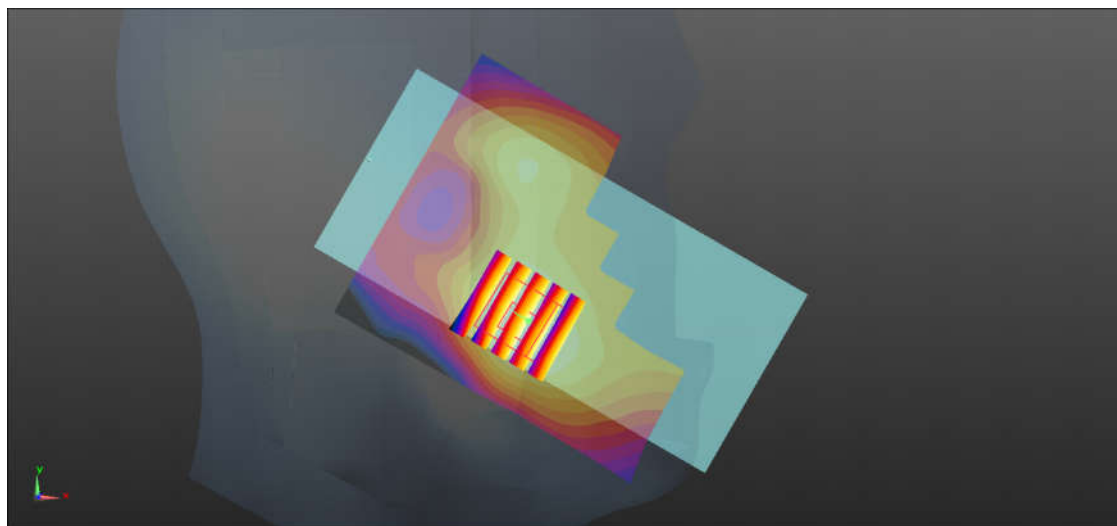
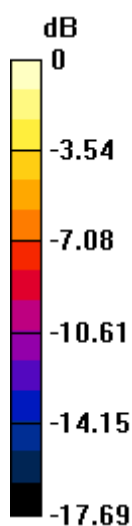
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.912 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.121 W/kg

SAR(1 g) = 0.082 W/kg; SAR(10 g) = 0.051 W/kg

Maximum value of SAR (measured) = 0.0919 W/kg



0 dB = 0.0919 W/kg = -10.37 dBW/kg

03_WCDMA V_RMC 12.2Kbps_Right Cheek_0mm_Ch4233

Communication System: UID 0, WCDMA (0); Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium: HSL_835 Medium parameters used: $f = 847$ MHz; $\sigma = 0.913$ S/m; $\epsilon_r = 41.688$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3279; ConvF(6.38, 6.38, 6.38); Calibrated: 2019.3.4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2019.4.17
- Phantom: SAM1; Type: SAM; Serial: TP-1839
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Ch4233/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.562 W/kg

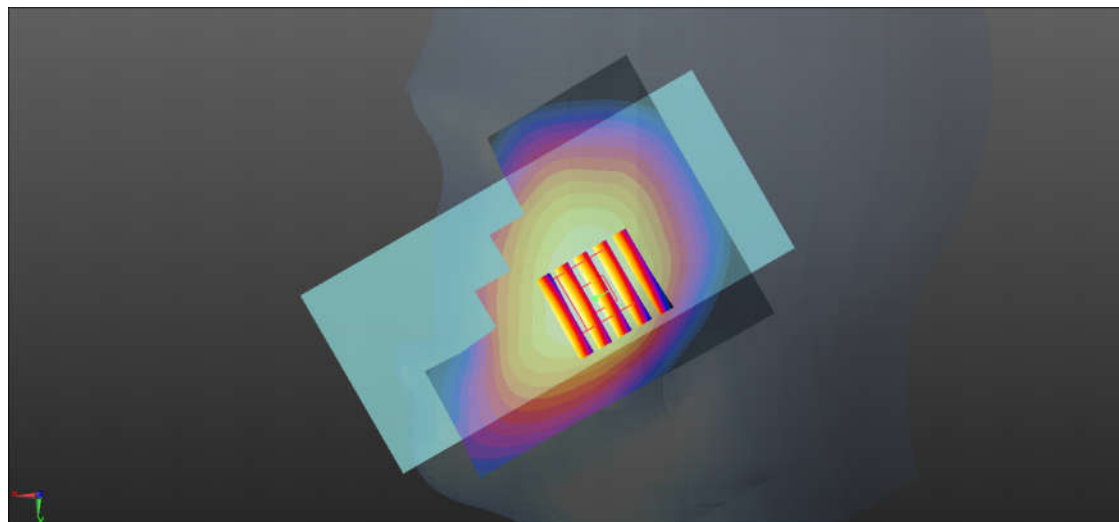
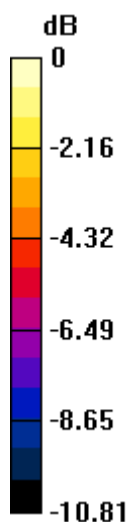
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.669 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.634 W/kg

SAR(1 g) = 0.487 W/kg; SAR(10 g) = 0.363 W/kg

Maximum value of SAR (measured) = 0.541 W/kg



0 dB = 0.541 W/kg = -2.67 dBW/kg

04_WCDMA IV_RMC 12.2Kbps_Left Cheek_0mm_Ch1513

Communication System: UID 0, WCDMA (0); Frequency: 1752.6 MHz; Duty Cycle: 1:1
Medium: HSL_1750 Medium parameters used: $f = 1753$ MHz; $\sigma = 1.415$ S/m; $\epsilon_r = 39.147$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3279; ConvF(5.59, 5.59, 5.59); Calibrated: 2019.3.4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2019.4.17
- Phantom: SAM1; Type: SAM; Serial: TP-1839
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Ch1513/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.227 W/kg

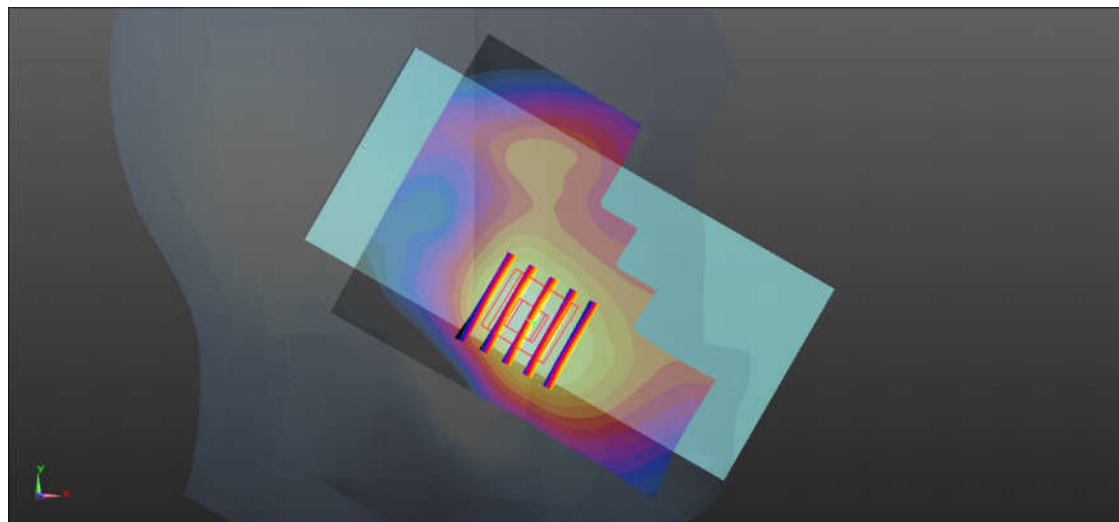
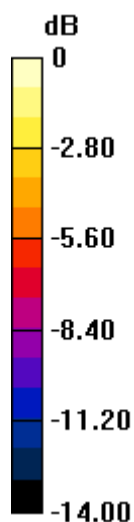
Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.546 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.288 W/kg

SAR(1 g) = 0.202 W/kg; SAR(10 g) = 0.128 W/kg

Maximum value of SAR (measured) = 0.231 W/kg



0 dB = 0.231 W/kg = -6.36 dBW/kg

05_WCDMA II_RMC 12.2Kbps_Left Cheek_0mm_Ch9400

Communication System: UID 0, WCDMA (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: HSL_1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.36$ S/m; $\epsilon_r = 38.905$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3279; ConvF(5.35, 5.35, 5.35); Calibrated: 2019.3.4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2019.4.17
- Phantom: SAM1; Type: SAM; Serial: TP-1839
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Ch9400/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.164 W/kg

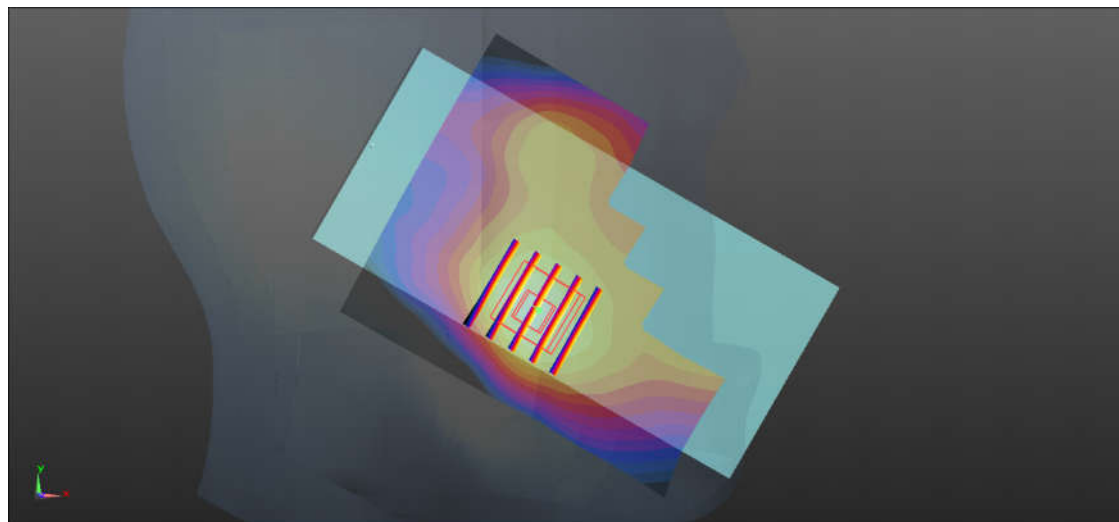
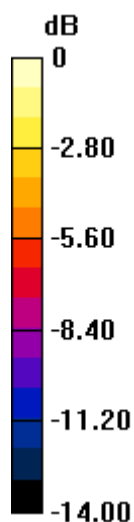
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.438 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.234 W/kg

SAR(1 g) = 0.157 W/kg; SAR(10 g) = 0.099 W/kg

Maximum value of SAR (measured) = 0.182 W/kg



0 dB = 0.182 W/kg = -7.40 dBW/kg

06_CDMA2000 BC10_RC3 SO55_Right Cheek_0mm_Ch580

Communication System: UID 0, CDMA2000 (0); Frequency: 820.5 MHz; Duty Cycle: 1:1

Medium: HSL_835 Medium parameters used: $f = 820.5$ MHz; $\sigma = 0.888$ S/m; $\epsilon_r = 42.033$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3279; ConvF(6.38, 6.38, 6.38); Calibrated: 2019.3.4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2019.4.17
- Phantom: SAM1; Type: SAM; Serial: TP-1839
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Ch580/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.226 W/kg

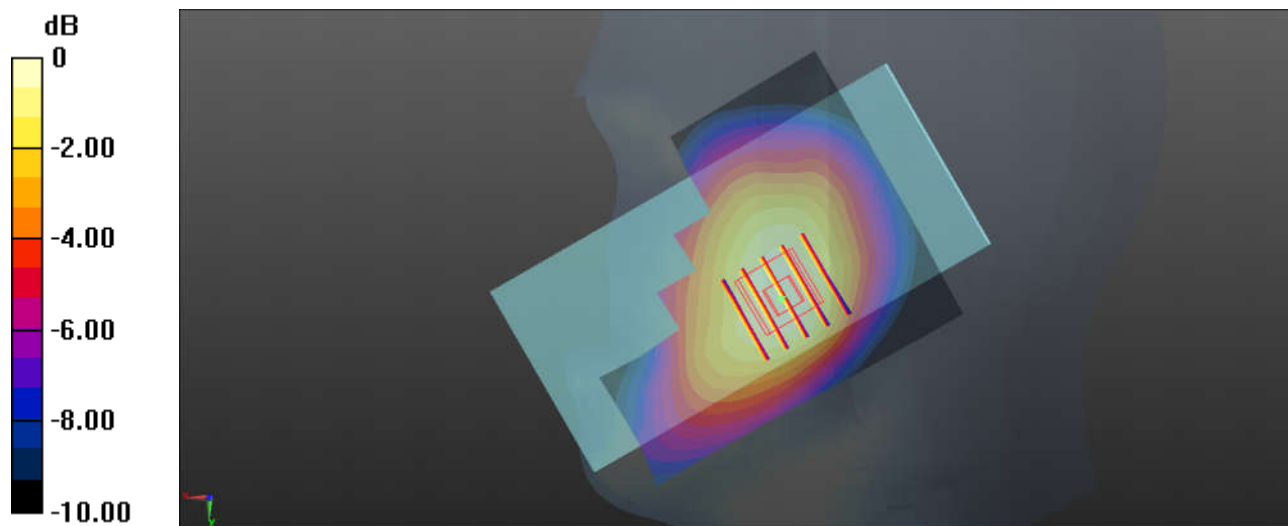
Ch580/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.292 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.257 W/kg

SAR(1 g) = 0.201 W/kg; SAR(10 g) = 0.152 W/kg

Maximum value of SAR (measured) = 0.222 W/kg



0 dB = 0.222 W/kg = -6.54 dBW/kg

07_CDMA2000 BC0_RC3 SO55_Right Cheek_0mm_Ch777

Communication System: UID 0, CDMA2000 (0); Frequency: 848.31 MHz; Duty Cycle: 1:1
Medium: HSL_835 Medium parameters used: $f = 848.31$ MHz; $\sigma = 0.914$ S/m; $\epsilon_r = 41.667$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3279; ConvF(6.38, 6.38, 6.38); Calibrated: 2019.3.4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2019.4.17
- Phantom: SAM1; Type: SAM; Serial: TP-1839
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Ch777/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.427 W/kg

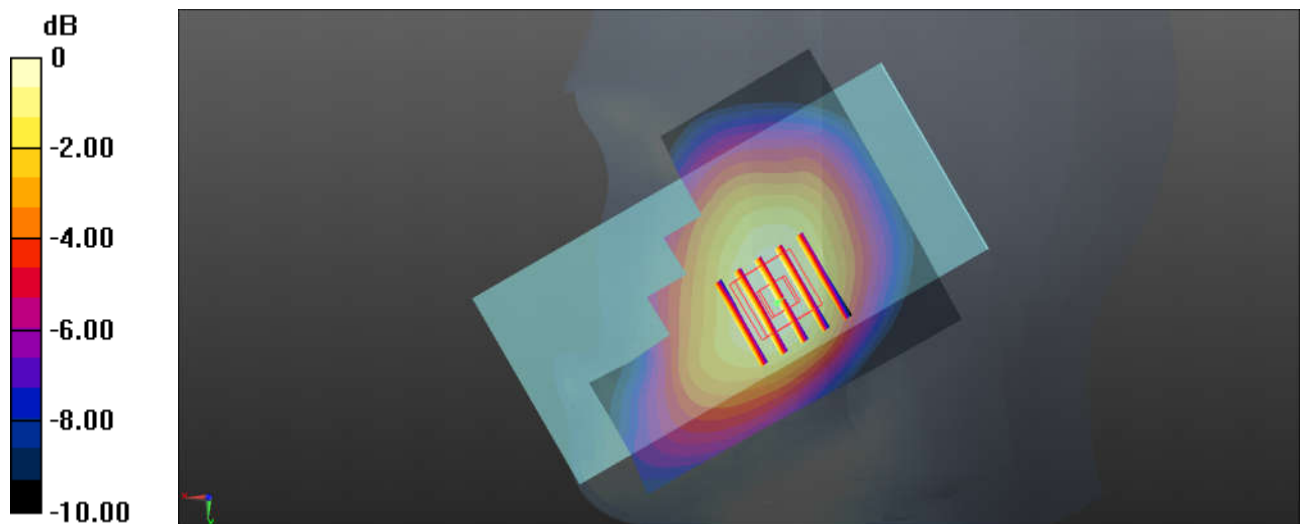
Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.592 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.485 W/kg

SAR(1 g) = 0.377 W/kg; SAR(10 g) = 0.281 W/kg

Maximum value of SAR (measured) = 0.418 W/kg



0 dB = 0.418 W/kg = -3.79 dBW/kg

08_CDMA2000 BC1_RC3 SO55_Left Cheek_0mm_Ch600

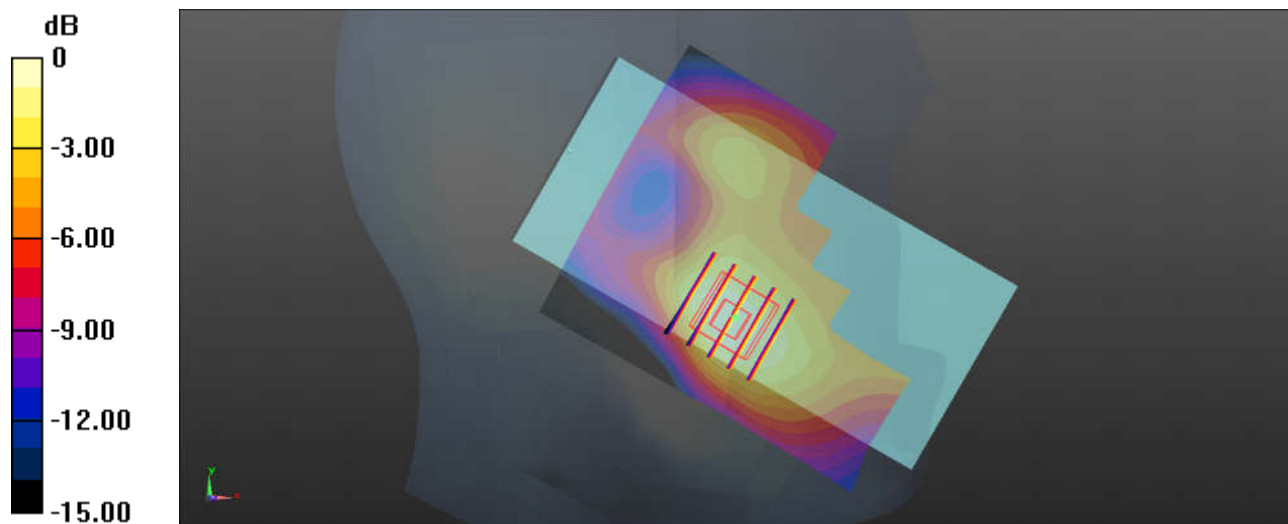
Communication System: UID 0, CDMA2000 (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: HSL_1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.36$ S/m; $\epsilon_r = 38.905$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3279; ConvF(5.35, 5.35, 5.35); Calibrated: 2019.3.4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2019.4.17
- Phantom: SAM1; Type: SAM; Serial: TP-1839
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Ch600/Area Scan (71x81x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 0.184 W/kg

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 4.599 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.233 W/kg
SAR(1 g) = 0.158 W/kg; SAR(10 g) = 0.098 W/kg
Maximum value of SAR (measured) = 0.182 W/kg



0 dB = 0.182 W/kg = -7.40 dBW/kg

09_LTE Band 12_10M_QPSK_1RB_0Offset_Right Cheek_0mm_Ch23095

Communication System: UID 0, LTE-FDD (0); Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium: HSL_750 Medium parameters used: $f = 707.5$ MHz; $\sigma = 0.862$ S/m; $\epsilon_r = 42.757$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3279; ConvF(6.58, 6.58, 6.58); Calibrated: 2019.3.4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2019.4.17
- Phantom: SAM1; Type: SAM; Serial: TP-1839
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Ch23095/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.350 W/kg

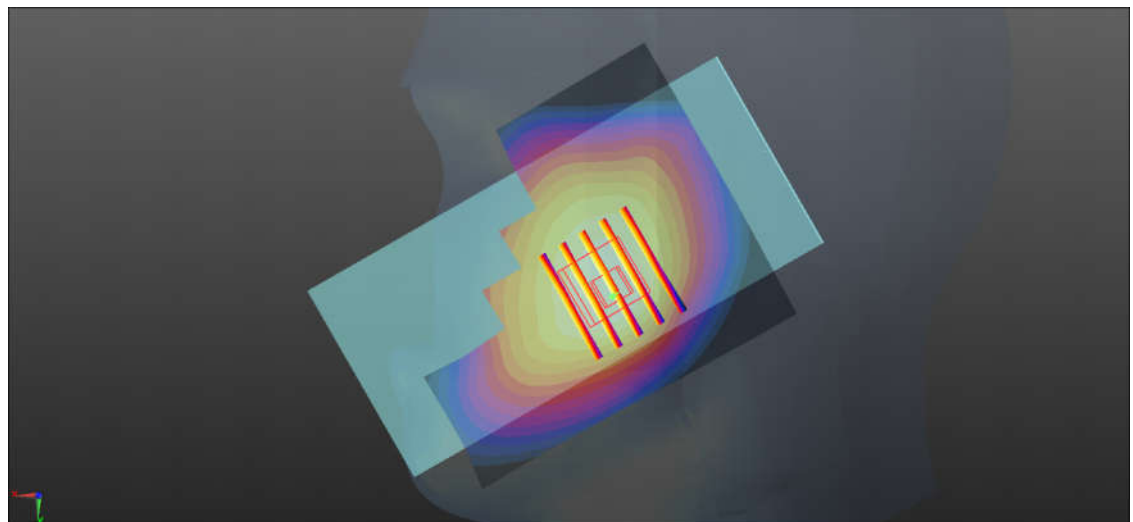
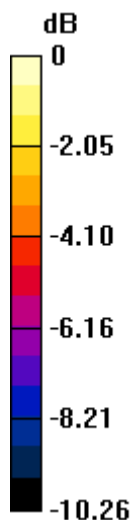
Ch23095/Zoom Scan (6x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.004 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.388 W/kg

SAR(1 g) = 0.305 W/kg; SAR(10 g) = 0.237 W/kg

Maximum value of SAR (measured) = 0.334 W/kg



0 dB = 0.334 W/kg = -4.76 dBW/kg

10_LTE Band 13_10M_QPSK_25RB_0Offset_Right Cheek_0mm_Ch23230

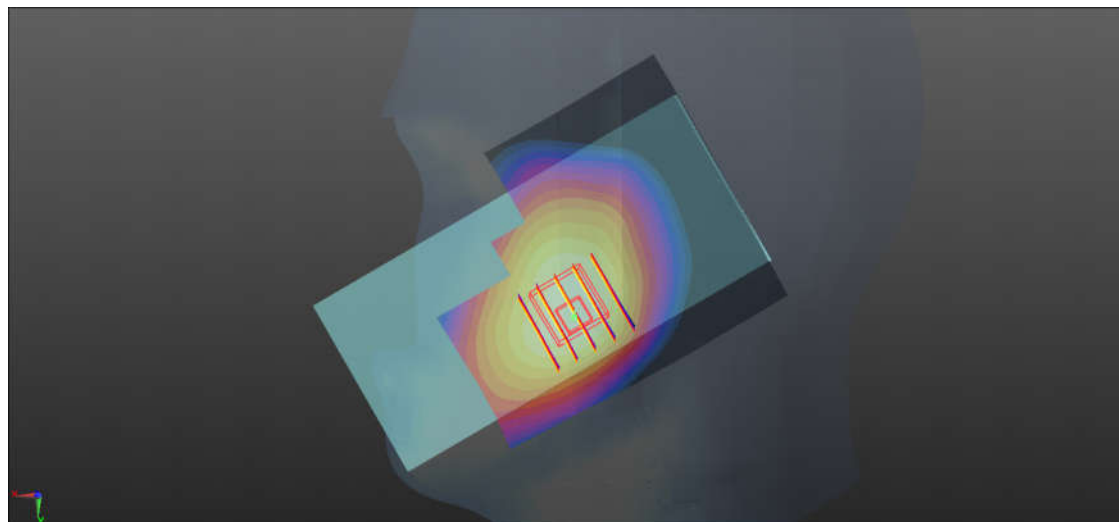
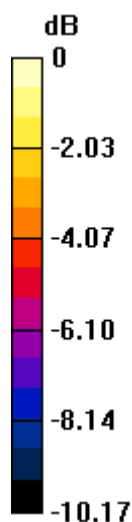
Communication System: UID 0, LTE-FDD (0); Frequency: 782 MHz; Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: $f = 782$ MHz; $\sigma = 0.93$ S/m; $\epsilon_r = 41.781$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3279; ConvF(6.58, 6.58, 6.58); Calibrated: 2019.3.4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2019.4.17
- Phantom: SAM1; Type: SAM; Serial: TP-1839
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Ch23230/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.184 W/kg

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.716 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.209 W/kg
SAR(1 g) = 0.161 W/kg; SAR(10 g) = 0.122 W/kg
Maximum value of SAR (measured) = 0.178 W/kg



0 dB = 0.178 W/kg = -7.50 dBW/kg

11_LTE Band 26_15M_QPSK_1RB_0Offset_Right Cheek_0mm_Ch26865

Communication System: UID 0, LTE-FDD (0); Frequency: 831.5 MHz; Duty Cycle: 1:1

Medium: HSL_835 Medium parameters used: $f = 831.5$ MHz; $\sigma = 0.898$ S/m; $\epsilon_r = 41.885$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3279; ConvF(6.38, 6.38, 6.38); Calibrated: 2019.3.4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2019.4.17
- Phantom: SAM1; Type: SAM; Serial: TP-1839
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Ch26865/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.421 W/kg

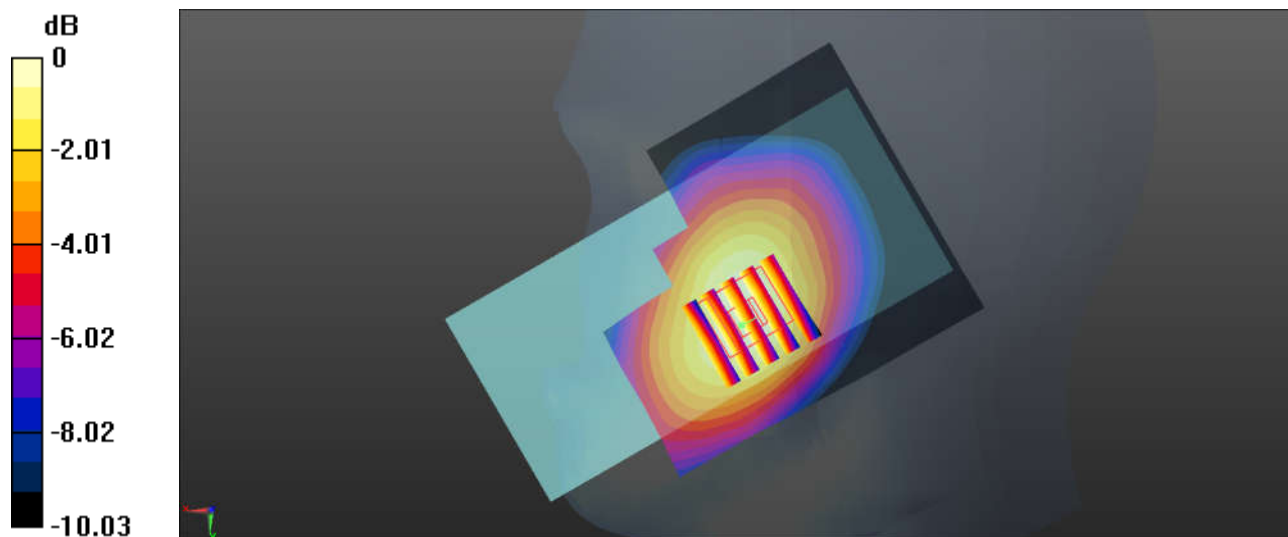
Ch26865/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.530 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.996 W/kg

SAR(1 g) = 0.510 W/kg; SAR(10 g) = 0.213 W/kg

Maximum value of SAR (measured) = 0.388 W/kg



0 dB = 0.388 W/kg = -4.11 dBW/kg

12_LTE Band 66_20M_QPSK_1RB_0Offset_Left Cheek_0mm_Ch132322

Communication System: UID 0, LTE-FDD (0); Frequency: 1745 MHz; Duty Cycle: 1:1
Medium: HSL_1750 Medium parameters used: $f = 1745$ MHz; $\sigma = 1.41$ S/m; $\epsilon_r = 39.159$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3279; ConvF(5.59, 5.59, 5.59); Calibrated: 2019.3.4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2019.4.17
- Phantom: SAM1; Type: SAM; Serial: TP-1839
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Ch132322/Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.123 W/kg

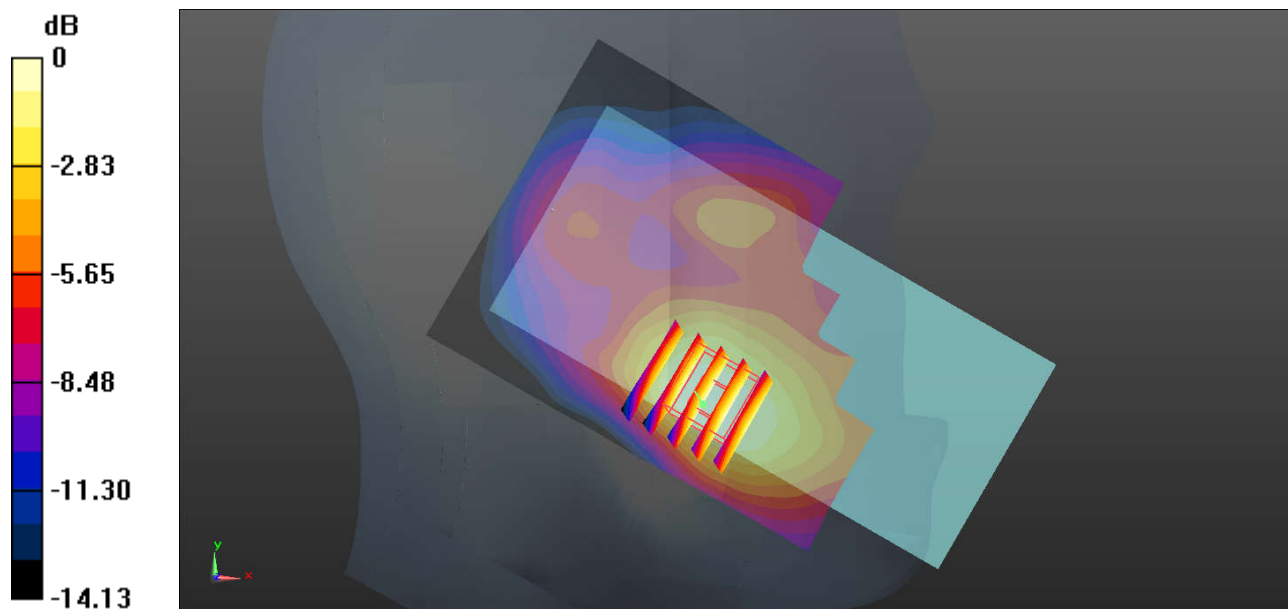
Ch132322/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.895 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.138 W/kg

SAR(1 g) = 0.109 W/kg; SAR(10 g) = 0.076 W/kg

Maximum value of SAR (measured) = 0.122 W/kg



0 dB = 0.122 W/kg = -9.14 dBW/kg

13_LTE Band 25_20M_QPSK_1RB_0Offset_Left Cheek_0mm_Ch26340

Communication System: UID 0, LTE-FDD (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: HSL_1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.36$ S/m; $\epsilon_r = 38.905$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3279; ConvF(5.35, 5.35, 5.35); Calibrated: 2019.3.4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2019.4.17
- Phantom: SAM1; Type: SAM; Serial: TP-1839
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Ch26340/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.161 W/kg

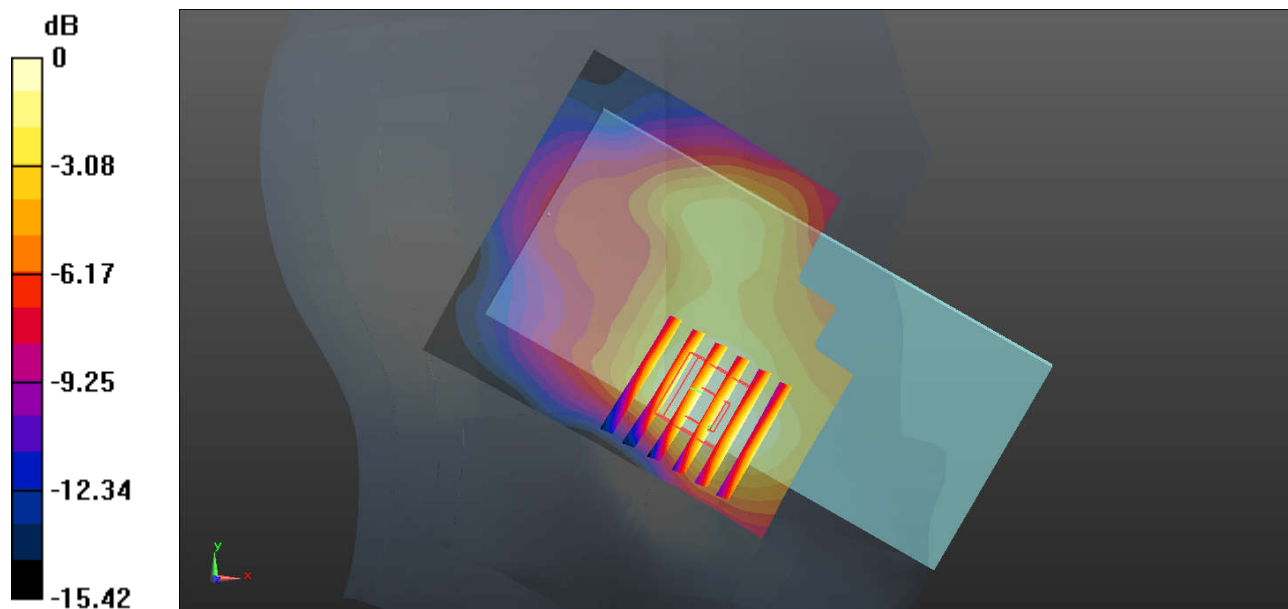
Ch26340/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.177 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.179 W/kg

SAR(1 g) = 0.138 W/kg; SAR(10 g) = 0.094 W/kg

Maximum value of SAR (measured) = 0.149 W/kg



0 dB = 0.149 W/kg = -8.27 dBW/kg

14_LTE Band 7_20M_QPSK_1RB_0Offset_Right Cheek_0mm_Ch21100

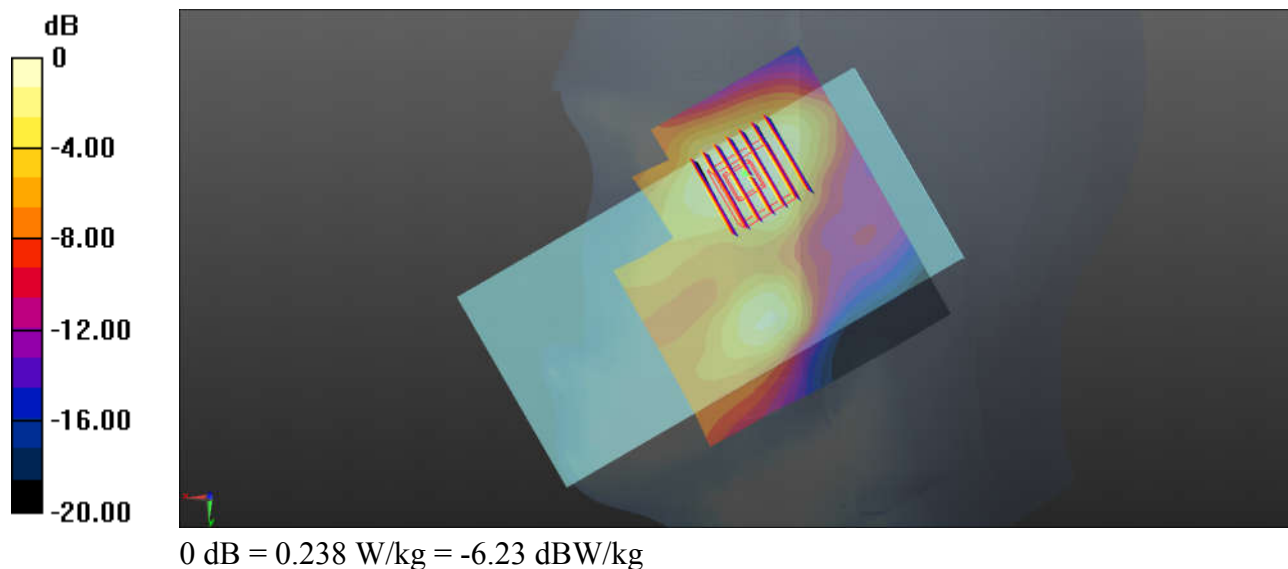
Communication System: UID 0, LTE-FDD (0); Frequency: 2535 MHz; Duty Cycle: 1:1
Medium: HSL_2600 Medium parameters used: $f = 2535$ MHz; $\sigma = 1.96$ S/m; $\epsilon_r = 39.936$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(7.3, 7.3, 7.3); Calibrated: 2019.4.25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2019.4.17
- Phantom: SAM2; Type: SAM; Serial: TP-1697
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

Ch21100/Area Scan (91x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.251 W/kg

Ch21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.348 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.342 W/kg
SAR(1 g) = 0.195 W/kg; SAR(10 g) = 0.109 W/kg
Maximum value of SAR (measured) = 0.238 W/kg



15_LTE Band 41_20M_QPSK_1RB_0Offset_Left Cheek_0mm_Ch39750

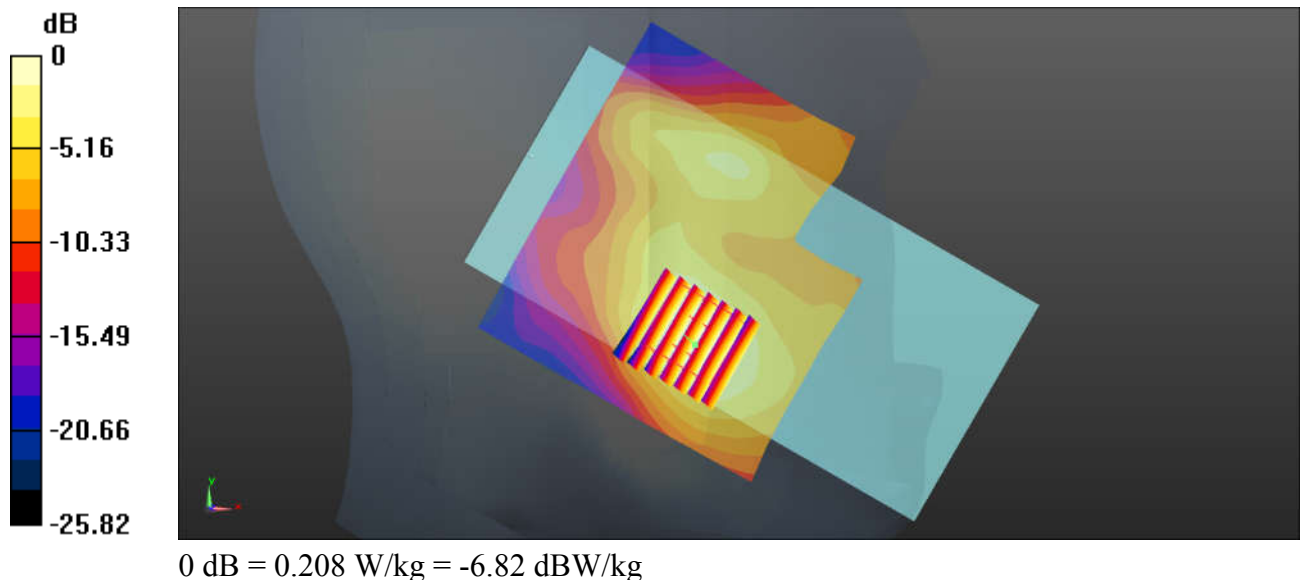
Communication System: UID 0, LTE-TDD (0); Frequency: 2506 MHz; Duty Cycle: 1:1.59
Medium: HSL_2600 Medium parameters used: $f = 2506$ MHz; $\sigma = 1.926$ S/m; $\epsilon_r = 40.06$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(7.3, 7.3, 7.3); Calibrated: 2019.4.25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2019.4.17
- Phantom: SAM2; Type: SAM; Serial: TP-1697
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

Ch39750/Area Scan (91x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.225 W/kg

Ch39750/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.333 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.299 W/kg
SAR(1 g) = 0.167 W/kg; SAR(10 g) = 0.089 W/kg
Maximum value of SAR (measured) = 0.208 W/kg



16_WLAN2.4GHz_802.11b 1Mbps_Left Cheek_0mm_Ch11

Communication System: UID 0, 802.11b (0); Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: HSL_2450 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.846$ S/m; $\epsilon_r = 39.819$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3279; ConvF(4.77, 4.77, 4.77); Calibrated: 2019.3.4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2019.4.17
- Phantom: SAM1; Type: SAM; Serial: TP-1839
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

Ch11/Area Scan (91x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.20 W/kg

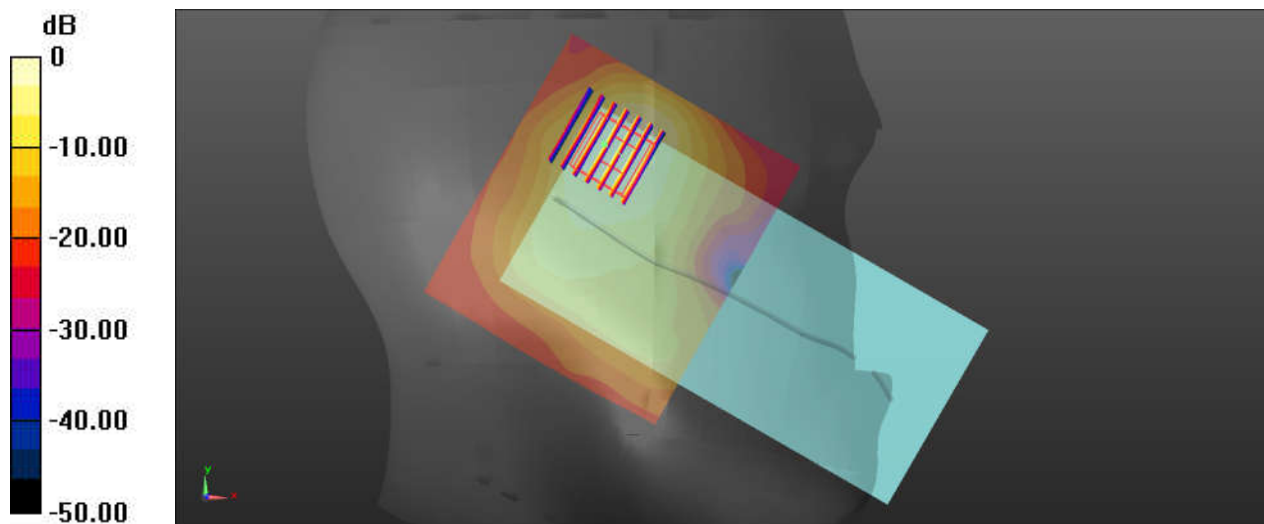
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.821 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.37 W/kg

SAR(1 g) = 0.729 W/kg; SAR(10 g) = 0.343 W/kg

Maximum value of SAR (measured) = 1.11 W/kg



0 dB = 1.20 W/kg = 0.79 dBW/kg

17_Bluetooth_1Mbps_Left Cheek_0mm_Ch78

Communication System: UID 0, Bluetooth (0); Frequency: 2480 MHz; Duty Cycle: 1:1.299

Medium: HSL_2450 Medium parameters used: $f = 2480$ MHz; $\sigma = 1.866$ S/m; $\epsilon_r = 39.746$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3279; ConvF(4.77, 4.77, 4.77); Calibrated: 2019.3.4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2019.4.17
- Phantom: SAM1; Type: SAM; Serial: TP-1839
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

Ch78/Area Scan (91x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.105 W/kg

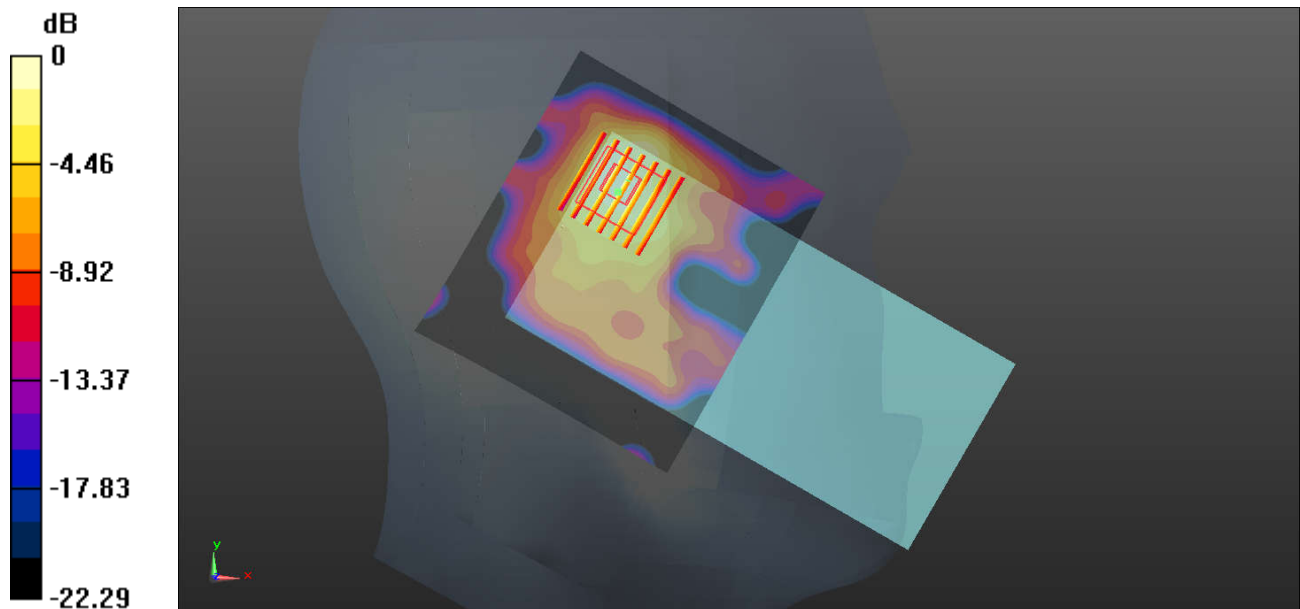
Ch78/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.922 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.132 W/kg

SAR(1 g) = 0.082 W/kg; SAR(10 g) = 0.045 W/kg

Maximum value of SAR (measured) = 0.116 W/kg



0 dB = 0.116 W/kg = -9.36 dBW/kg

18_WLAN5GHz_802.11a 6Mbps_Left Cheek_0mm_Ch64

Communication System: UID 0, 802.11a (0); Frequency: 5320 MHz; Duty Cycle: 1:1.046

Medium: HSL_5000 Medium parameters used: $f = 5320$ MHz; $\sigma = 4.622$ S/m; $\epsilon_r = 34.677$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(4.98, 4.98, 4.98); Calibrated: 2019.4.25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2019.4.17
- Phantom: SAM2; Type: SAM; Serial: TP-1697
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

Ch64/Area Scan (101x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.06 W/kg

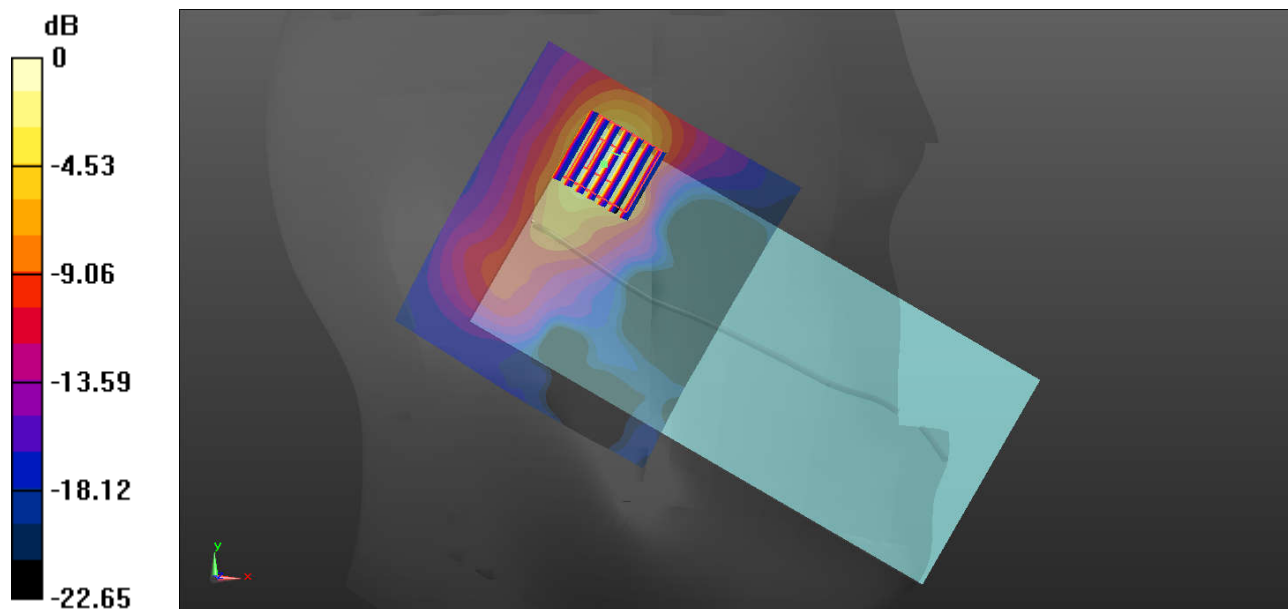
Ch64/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 8.341 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.98 W/kg

SAR(1 g) = 0.844 W/kg; SAR(10 g) = 0.285 W/kg

Maximum value of SAR (measured) = 1.93 W/kg



0 dB = 1.93 W/kg = 2.86 dBW/kg

19_WLAN5GHz_802.11a 6Mbps_Left Cheek_0mm_Ch100

Communication System: UID 0, 802.11a (0); Frequency: 5500 MHz; Duty Cycle: 1:1.046
Medium: HSL_5000 Medium parameters used: $f = 5500$ MHz; $\sigma = 4.79$ S/m; $\epsilon_r = 34.43$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(4.51, 4.51, 4.51); Calibrated: 2019.4.25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2019.4.17
- Phantom: SAM2; Type: SAM; Serial: TP-1697
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

Ch100/Area Scan (101x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.52 W/kg

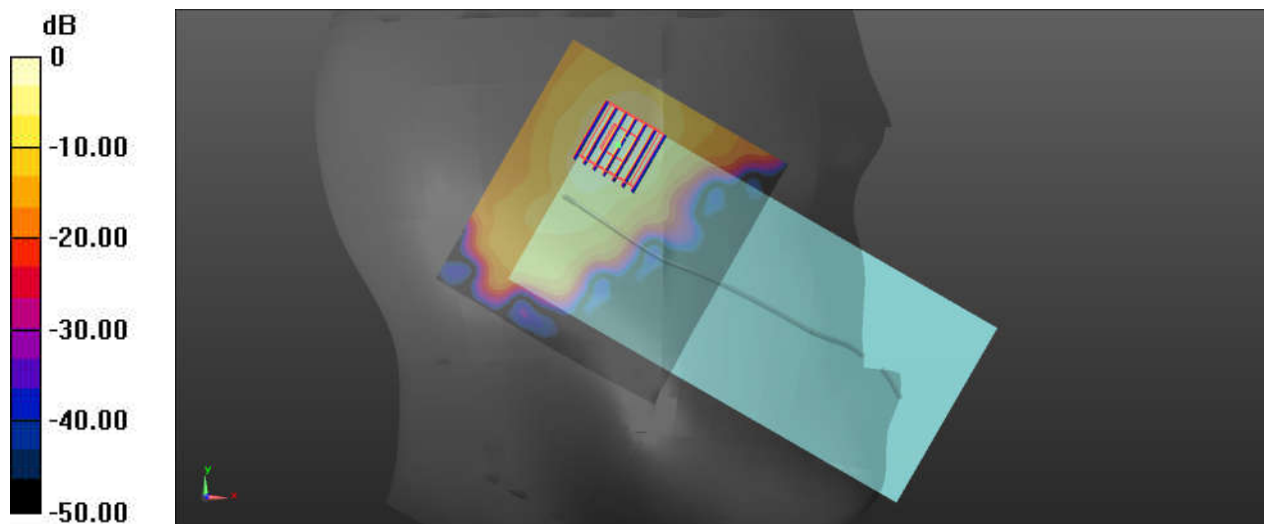
Ch100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 6.590 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 2.27 W/kg

SAR(1 g) = 0.620 W/kg; SAR(10 g) = 0.220 W/kg

Maximum value of SAR (measured) = 1.43 W/kg



0 dB = 1.52 W/kg = 1.82 dBW/kg

20_WLAN5GHz_802.11a 6Mbps_Left Cheek_0mm_Ch149

Communication System: UID 0, 802.11a (0); Frequency: 5745 MHz; Duty Cycle: 1:1.046
Medium: HSL_5000 Medium parameters used: $f = 5745$ MHz; $\sigma = 5.042$ S/m; $\epsilon_r = 34.075$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(4.65, 4.65, 4.65); Calibrated: 2019.4.25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2019.4.17
- Phantom: SAM2; Type: SAM; Serial: TP-1697
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

Ch149/Area Scan (101x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.62 W/kg

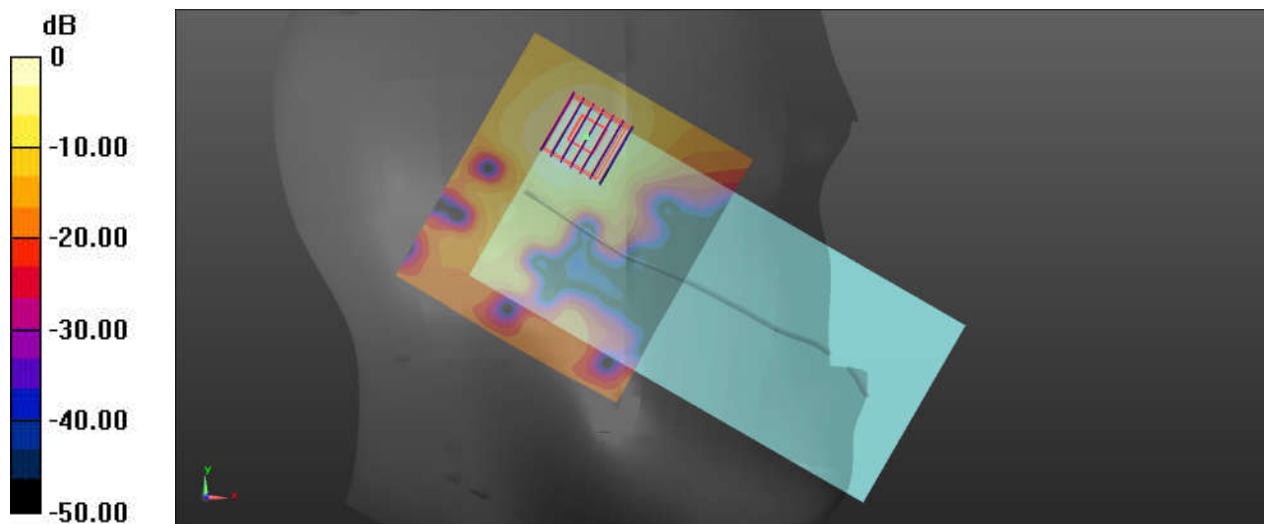
Ch149/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.643 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.88 W/kg

SAR(1 g) = 0.701 W/kg; SAR(10 g) = 0.247 W/kg

Maximum value of SAR (measured) = 1.73 W/kg



0 dB = 1.62 W/kg = 2.10 dBW/kg