

Following the same procedure of SAR evaluation applied to MJ-i6B-1001, summary table of MJ-i7-P1001 is shown in Table 1. The SAR for each testing condition has shown that the host phone itself without the case and the phone with the case attached are able to comply with the RF radiation exposure limits of IC/FCC. The SAR results of the host phone are within 15% to those of the original phone. With the new models of 20621 device attached, the SAR is within the limit and it may reduce the SAR of the original host phone (see the last column in each table).

The WiFi SAR testing has been performed by using the same host phone for the SAR testing of LTE/WCDMA/GSM/CDMA technologies. The testing procedure followed the one applied to the original 20621 device with the host phone 579C-E2816A. The measured and scaled SAR results are summarized in Table 2 when 20621 device is attached to MJ-i7-P1001. It has been shown that a reduced SAR is obtained when 20621 device is attached to the designated host phone.

The presented data has concluded that the 20621 devices with Class II permissive change still complies with the RF radiation exposure limits of IC/FCC.

Table 1 SAR Testing Summary of MJ-i7-P1001 (Host phone's ISED ID.: 579C-E3087A, FCC ID.: BCG-E3087A)

Wireless Technology		Channel	Test Condition	Conducted Power		Measured SAR		Final SAR		With Case	
				Host-phone	Apple report	Phone only	With Case	Apple report	Host-phone only		
LTE	Band 13 (BW=10 MHz)	23230	Left Touch	22.95	24.50	0.267	0.013	0.347	0.382	9.95	0.019
		23230	Front Body	22.95	24.50	0.574	0.249	0.821	0.820	-0.10	0.356
	Band 25 (BW=20 MHz)	26365	Right Touch	22.44	24.50	0.517	0.467	0.760	0.831	9.31	0.750
		26365	Front Body	21.63	20.50	1.540	1.200	1.064	1.187	11.58	0.925
WCDMA	V	4183	Left Touch	23.02	25.00	0.261	0.108	0.460	0.412	-10.49	0.170
		4233	Front body	23.05	25.00	0.669	0.298	0.969	1.048	8.17	0.467
	II	9538	Right Touch	23.61	25.20	0.664	0.263	1.054	0.958	-9.15	0.379
		9538	Front body	23.61	20.50	2.36	0.685	1.09	1.153	5.80	0.335
GPRS (2-side)	850	190	Left Touch	31.15	32.50	0.35	0.137	0.443	0.478	7.81	0.187
		251	Front body	31.45	32.50	0.909	0.401	1.03	1.158	12.39	0.511
	1900	661	Right Touch	27.21	29.50	0.429	0.218	0.697	0.727	4.29	0.369
		661	Front body	27.21	25.80	1.5	0.651	1.100	1.084	-1.44	0.471
CDMA	BC0	384	Left Touch	23.16	25.00	0.303	0.110	0.532	0.463	-13.00	0.168
		384	Front body	23.04	25.00	0.614	0.313	1.1	0.964	-12.35	0.492
	BC1	1175	Right Touch	23.32	25.20	0.624	0.585	1.081	0.962	-11.01	0.802
		1175	Front body	23.39	20.50	2.23	1.770	1.034	1.146	10.86	0.910

Table 2 Wi-Fi SAR Testing Summary of 20621 Device

Mojoose Model	Host Phone (ISED ID.)	Protocol	Channel	Freq. (MHz)	Test Condition	Measured SAR		Final SAR	
						Phone only	With Case	Host-phone only	With Case
MJ-i6B-1001	579C-E2816A	802.11b	6	2437	Back body, Cell Off	0.0000818	0.0000152	1.120	0.208
MJ-i7-P1001	579C-E3087A	802.11b	11	4262	Right touch, Cell Off	0.0030300	0.0005400	1.190	0.212