



Declaration

The original product is the product with model number GI0653 (FCC ID NCMOGI0653), which is a 2G/3G USB modem with security functions. The new product has model number GI0643 (FCC ID NCMOGI0643). This modem can connect to 2G/3G and WLAN, and can act as a hotspot for connecting other WLAN devices. The WLAN part has been added, no changes were made in the 2G/3G part.

We measured the conducted output power of GI0643 and made the comparison with values of the original product GI0653 (see below table). The results are very near with each other and inside the tolerance of output power (see document "tune-up procedure for GI0643"). So the conducted test results in FCC report EH/2010/90017 dated Oct. 06 2010 for original product GI0653 will be re-used for the new product GI0643.

We have done the re-test of radiated emission and SAR evaluation on the new product GI0643 because of hardware changes.

Summary RF conducted output power

EUT Mode	Frequency (MHz)	Channel	av/dBm (1TS) FCC ID: NCMOGI0653	av/dBm (1TS) FCC ID: NCMOGI0643
GPRS 850	824.2	128	32.0	31.8
	836.6	190	32.0	31.9
	848.8	251	32.3	31.8

EUT Mode	Frequency (MHz)	Channel	av/dBm (1TS) FCC ID: NCMOGI0653	av/dBm (1TS) FCC ID: NCMOGI0643
EDGE 850	824.2	128	27.0	26.6
	836.6	190	27.0	26.6
	848.8	251	27.0	26.5

EUT Mode	Frequency (MHz)	Channel	av/dBm (1TS) FCC ID: NCMOGI0653	av/dBm (1TS) FCC ID: NCMOGI0643
GPRS 1900	1850.2	512	28.3	28.7
	1880.0	661	28.7	28.9
	1909.8	810	28.8	28.8

EUT Mode	Frequency (MHz)	Channel	av/dBm (1TS) FCC ID: NCMOGI0653	av/dBm (1TS) FCC ID: NCMOGI0643
EDGE 1900	1850.2	512	25.7	25.6
	1880.0	661	25.5	25.3
	1909.8	810	25.8	25.5

EUT Mode	Frequency (MHz)	Channel	av/dBm FCC ID: NCMOGI0653	rms/dBm FCC ID: NCMOGI0643
WCDMA Band II	1850.2	512	19.76	19.3
	1880.0	661	19.77	20.2
	1909.8	810	19.82	19.7



Mode	Sub-test	rms/dBm (FCC ID:NCMOGI0653) Channel			rms/dBm (FCC ID:NCMOGI0643) Channel		
		9262	9400	9538	9262	9400	9538
HSDPA	1	20.05	20.03	20.09	19.76	19.84	19.62
	2	19.64	19.63	19.67	19.06	19.40	19.07
	3	19.57	19.58	19.56	18.96	19.39	19.12
	4	19.64	19.59	19.68	19.01	19.43	19.08

Mode	Sub-test	rms/dBm (FCC ID:NCMOGI0653) Channel			rms/dBm (FCC ID:NCMOGI0643) Channel		
		9262	9400	9538	9262	9400	9538
HSUPA	1	19.78	19.72	19.74	19.09	19.14	18.82
	2	17.88	17.89	17.82	17.10	17.54	17.24
	3	18.89	18.81	18.85	17.87	18.52	18.04
	4	18.92	18.87	18.85	17.72	18.23	17.87
	5	19.49	19.45	19.47	19.13	19.61	19.18

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Signed,

Jan Willems
Technical Coordinator Certification

Leuven, November 7, 2011