

Antenna Gain

ANT0	LTE Band 1	-0.5dBi
ANT0	LTE Band 3	-0.6dBi
ANT0	LTE Band 12	-4.6dBi

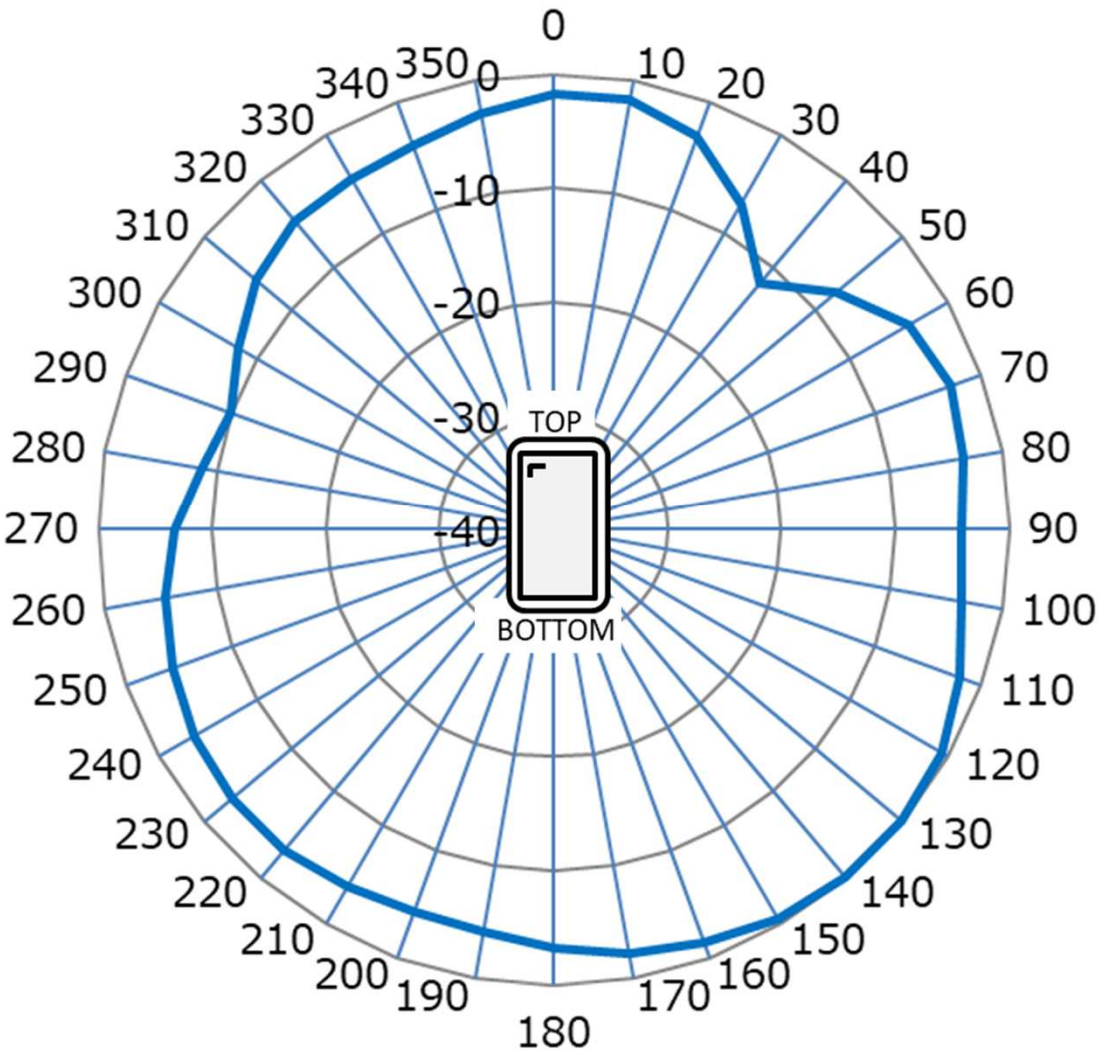
ANT0	UMTS Band 1	-0.5dBi
ANT0	UMTS Band 5	-2.0dBi

ANT0	GSM 850	-2.0dBi
ANT0	GSM 900	-1.2dBi
ANT0	GSM 1800	-0.6dBi
ANT0	GSM 1900	-0.9dBi

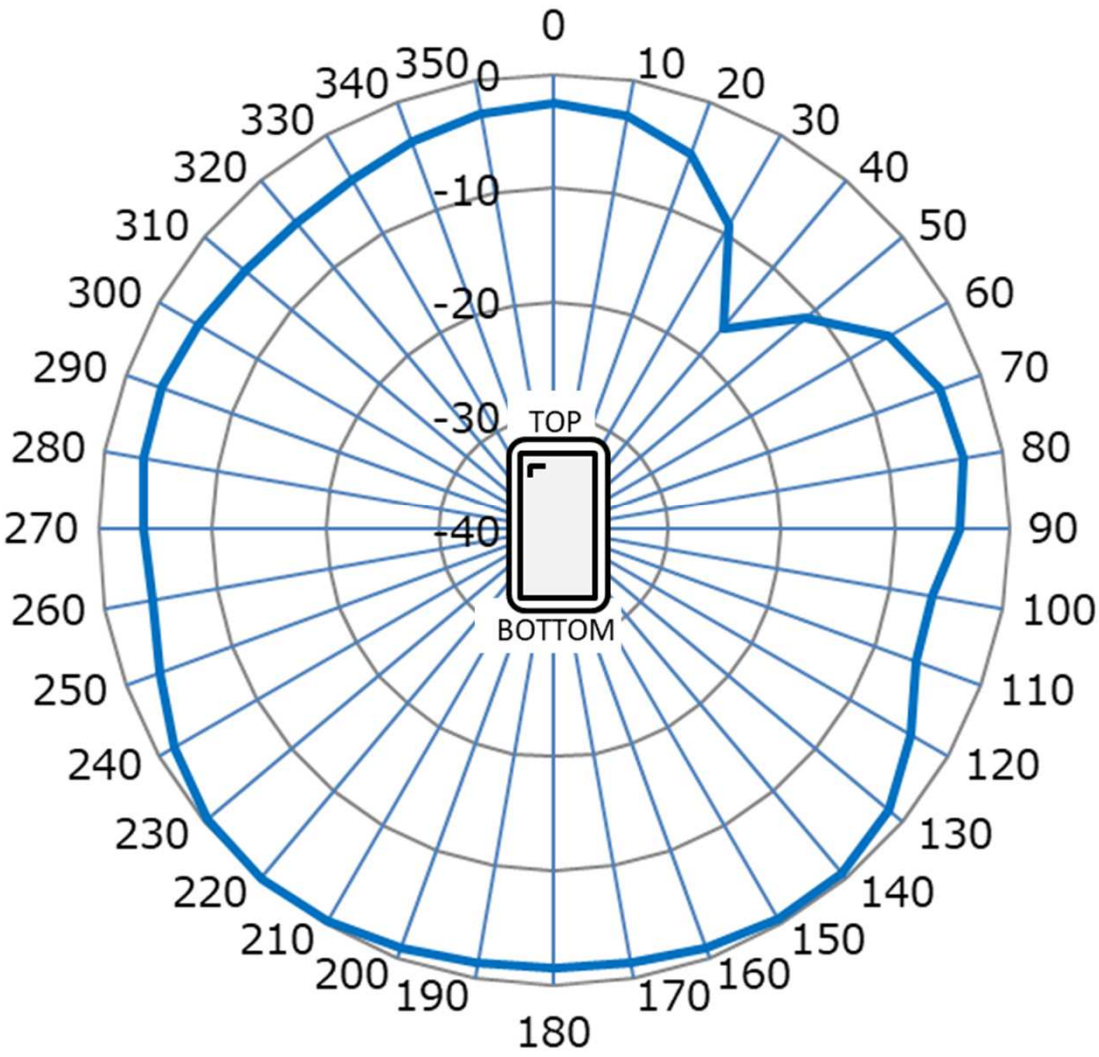
ANT3	Bluetooth/WLAN2.4G	1.0dBi
ANT3	WLAN W52_W53	2.2dBi
ANT3	WLAN W56	3.2dBi

ANT5	Bluetooth/WLAN2.4G	-1.1dBi
ANT5	WLAN W52_W53	0.6dBi
ANT5	WLAN W56	1.9dBi

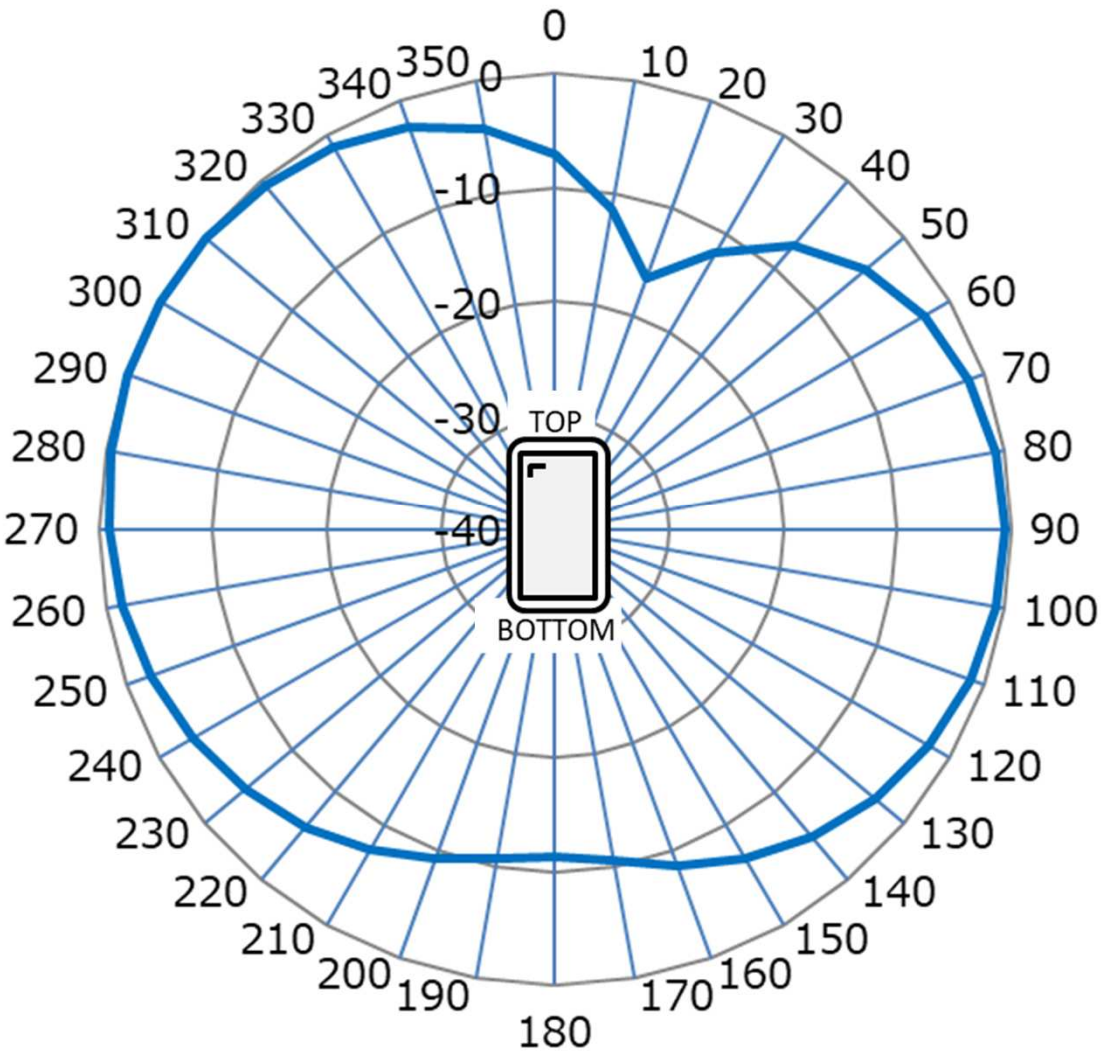
LTE Band1 Peak Gain :-0.5 [dBi]



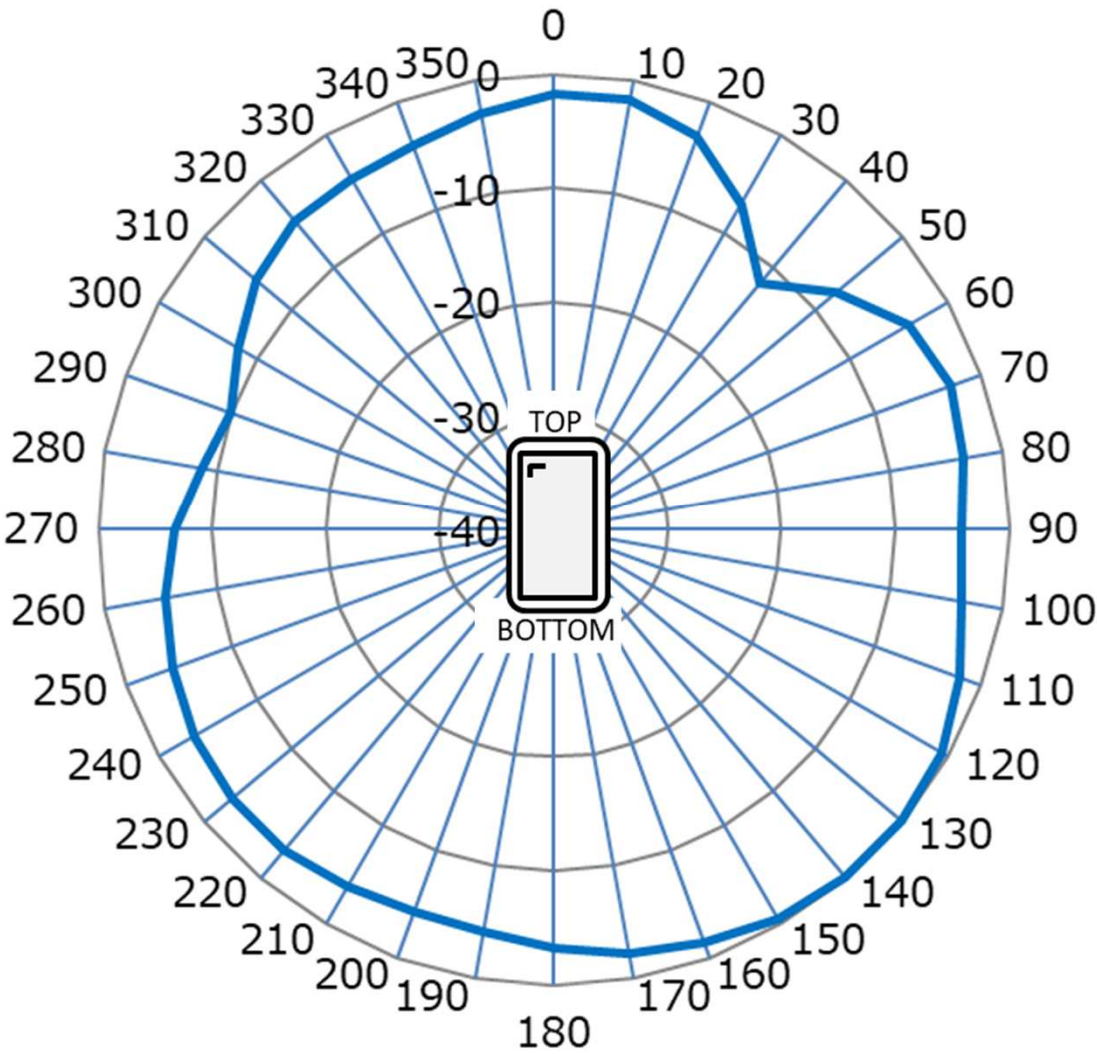
LTE Band3 Peak Gain :-0.6 [dBi]



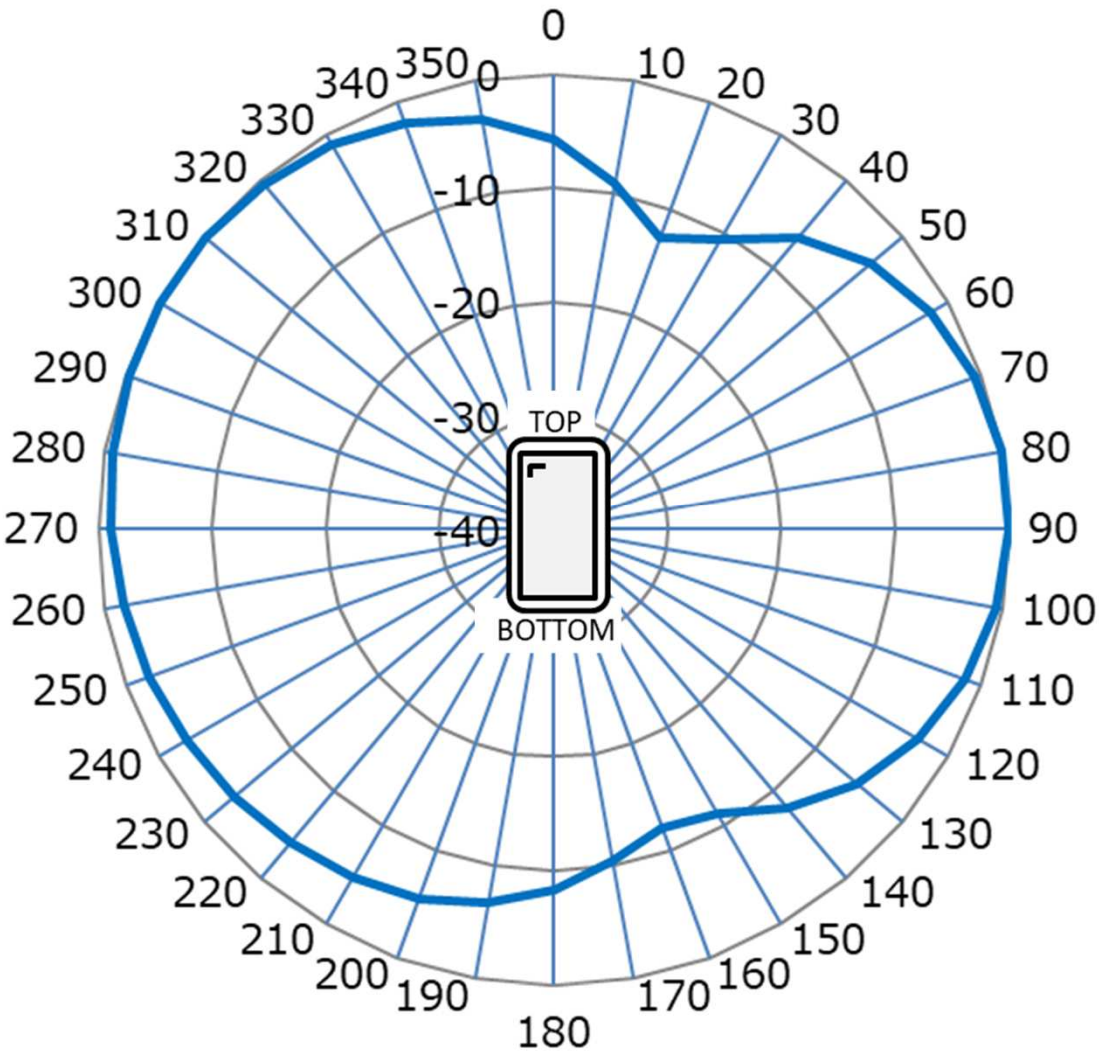
LTE Band12 Peak Gain :-4.6 [dBi]



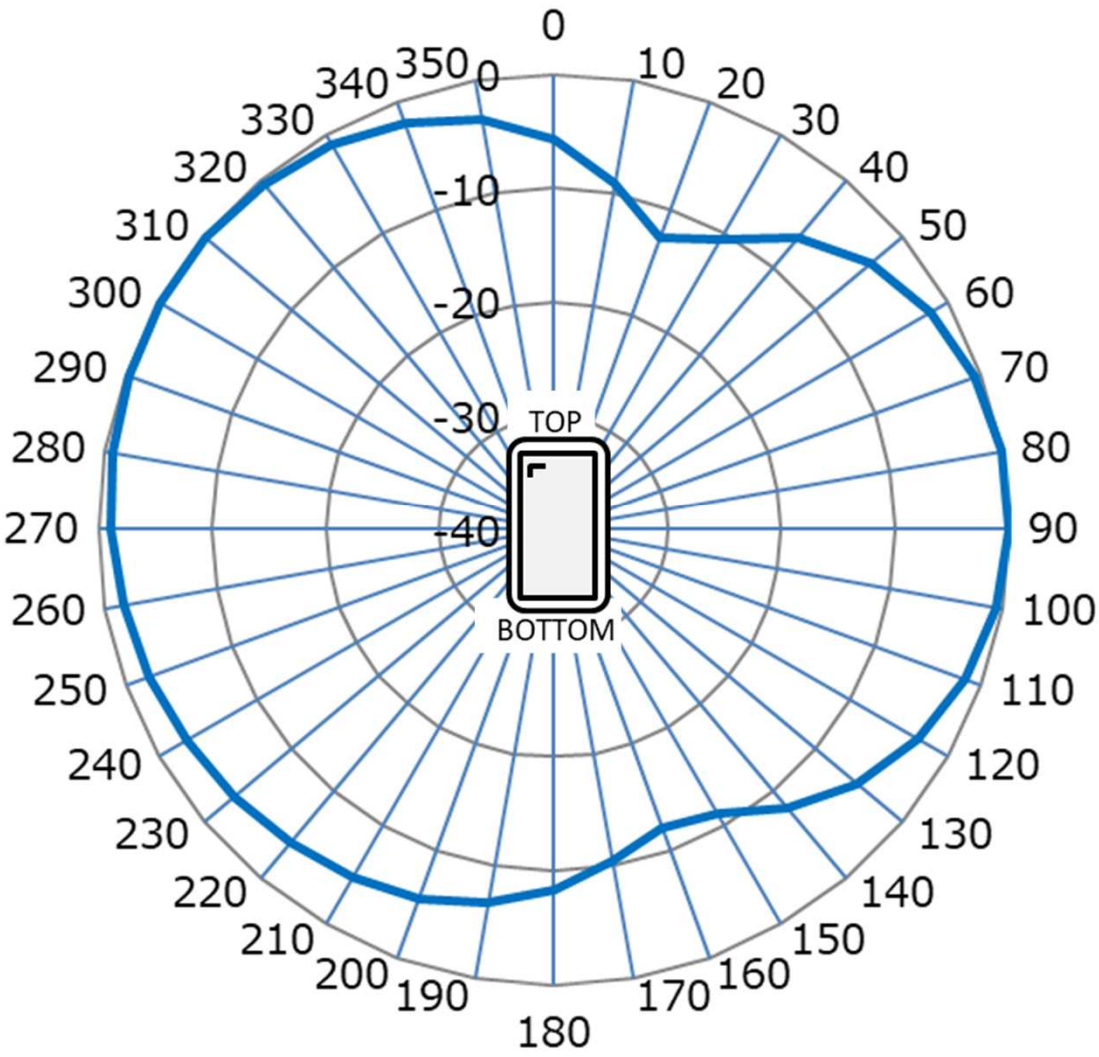
UMTS Band1 Peak Gain :-0.5 [dBi]



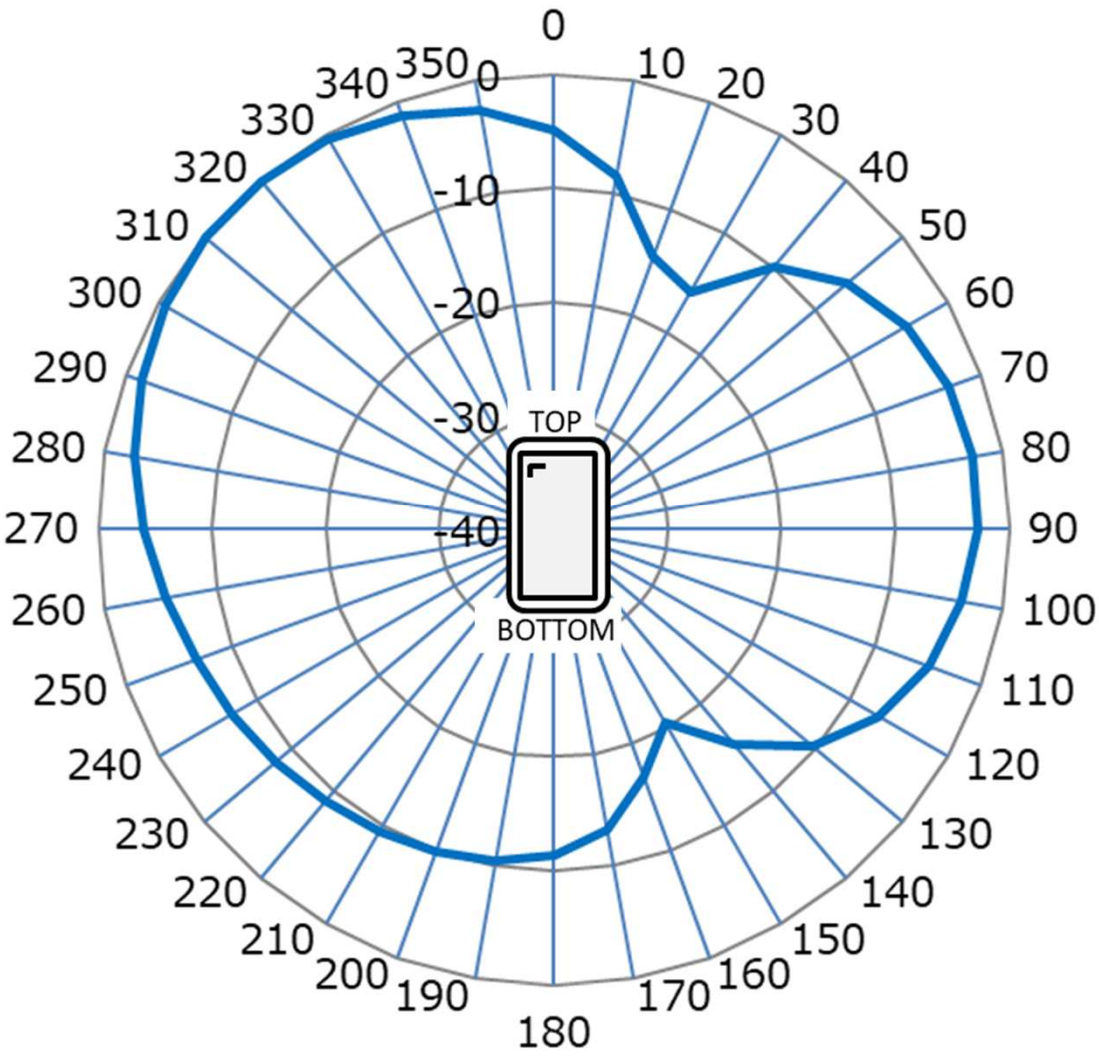
UMTS Band5 Peak Gain :-2.0 [dBi]



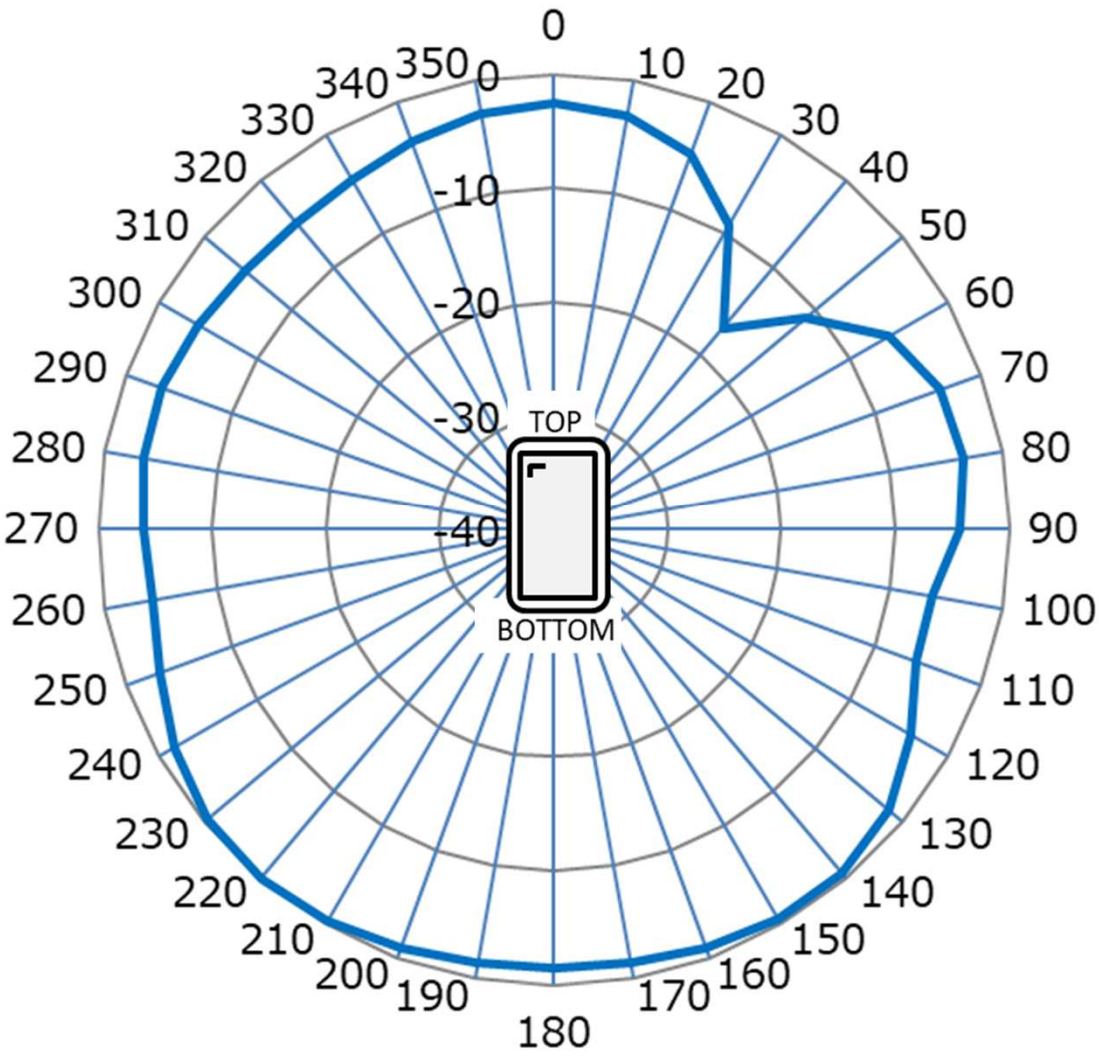
GSM850 Peak Gain :-2.0 [dBi]



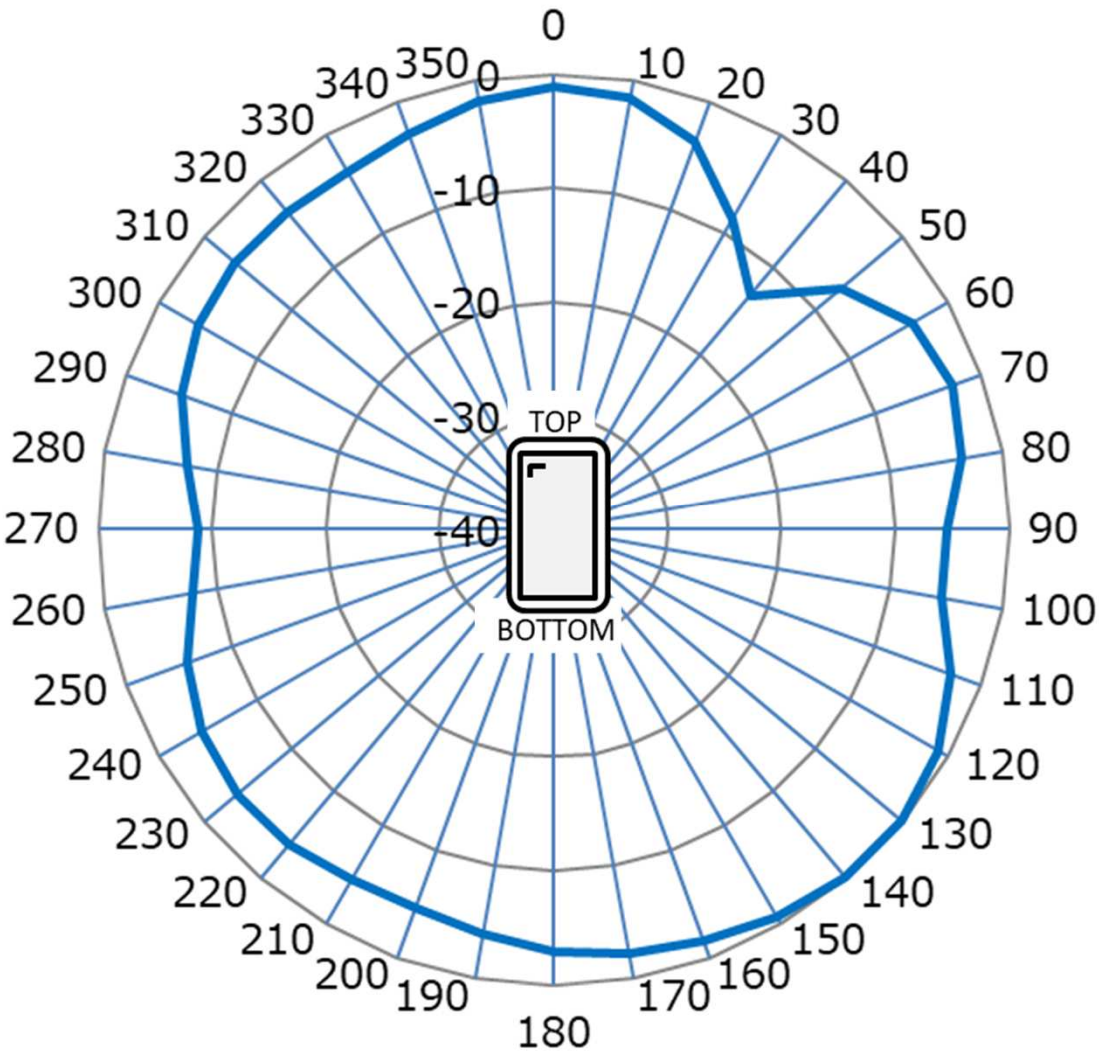
GSM900 Peak Gain :-1.2 [dBi]



GSM1800 Peak Gain :-0.6 [dBi]

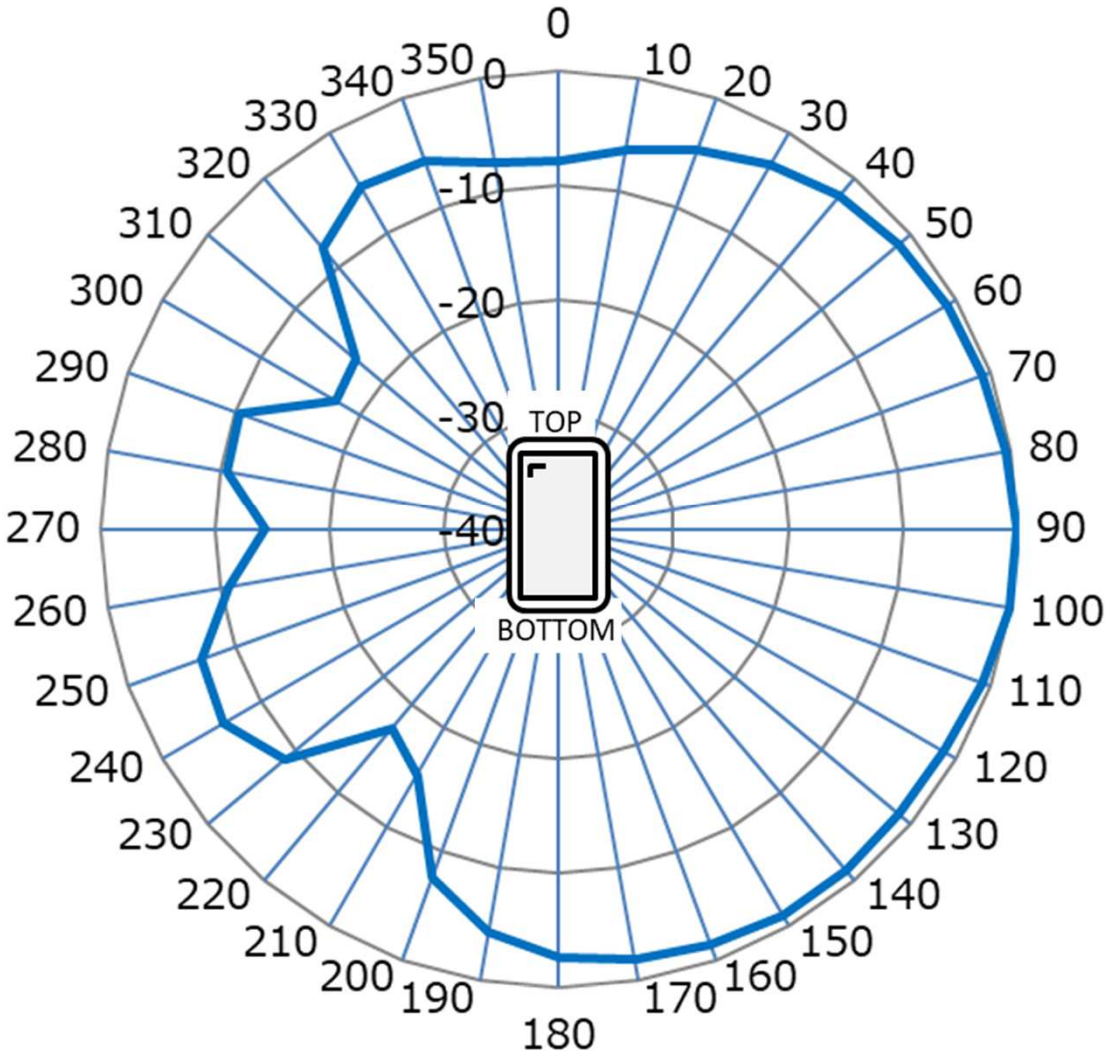


GSM1900 Peak Gain :-0.9 [dBi]

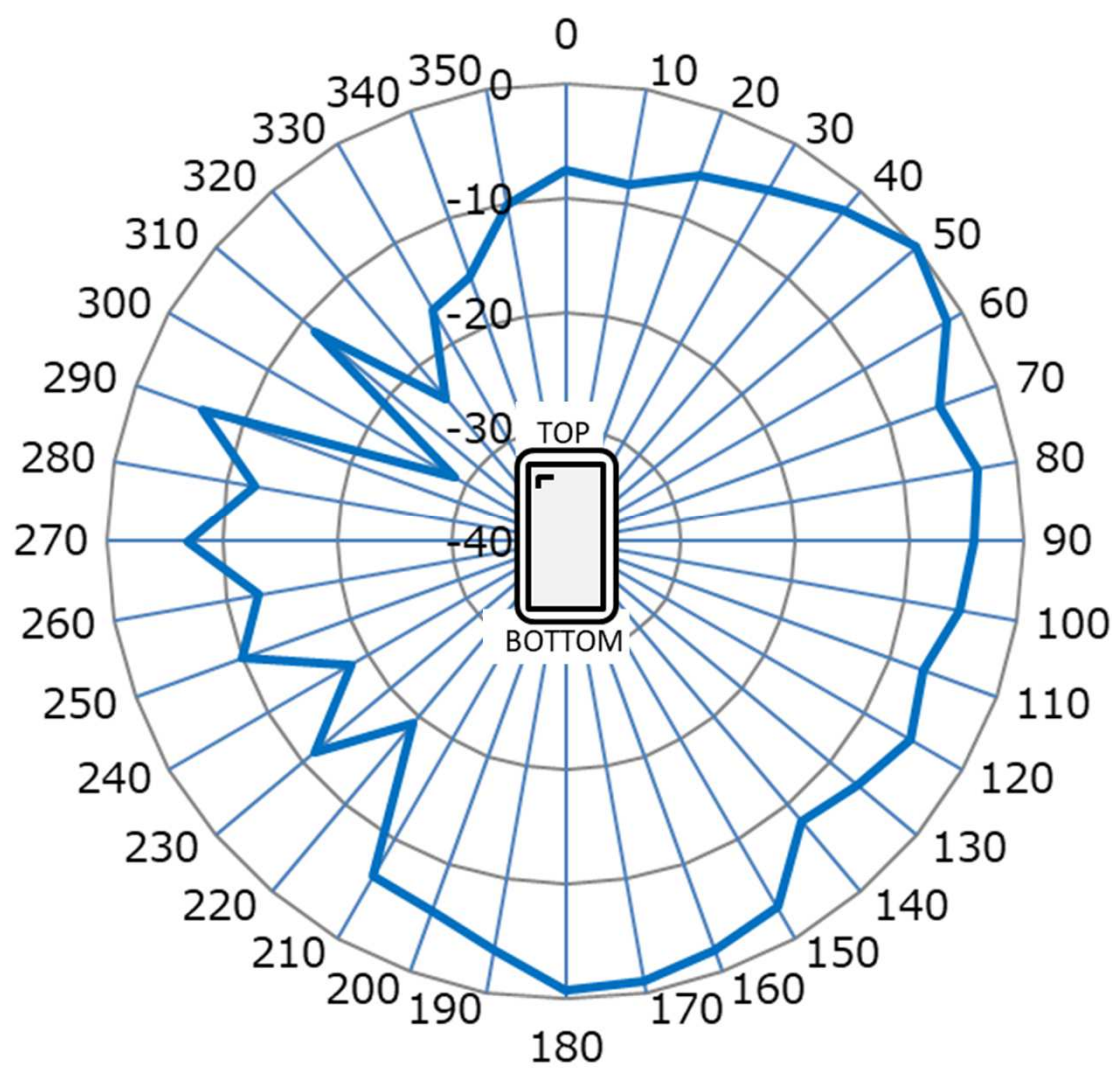


ANT3 Bluetooth/WLAN2.4G

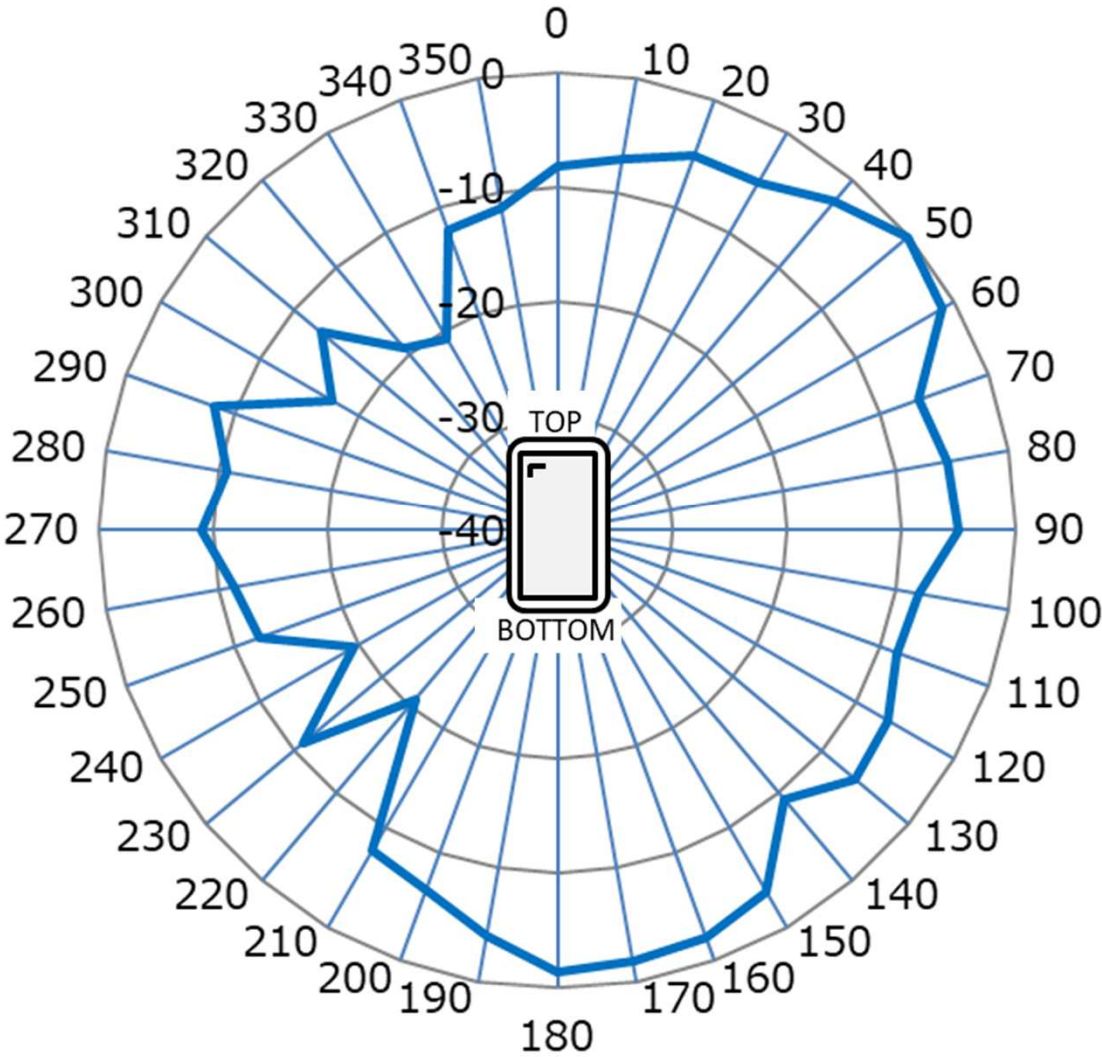
Peak Gain :+1.0 [dBi]



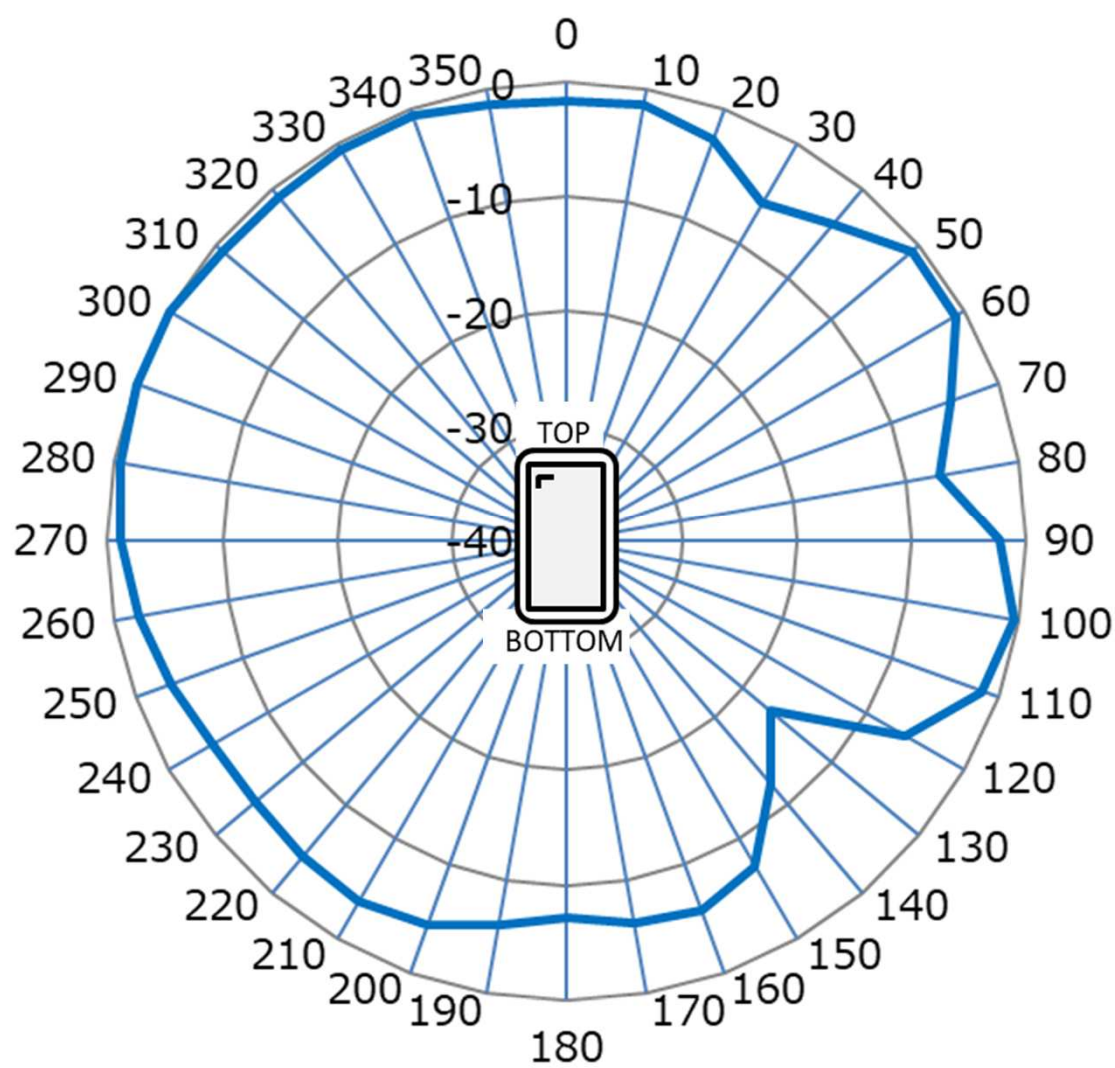
ANT3 WLAN W52/W53G Peak Gain :+2.2 [dBi]



ANT3 WLAN W56 Peak Gain :+3.2 [dBi]

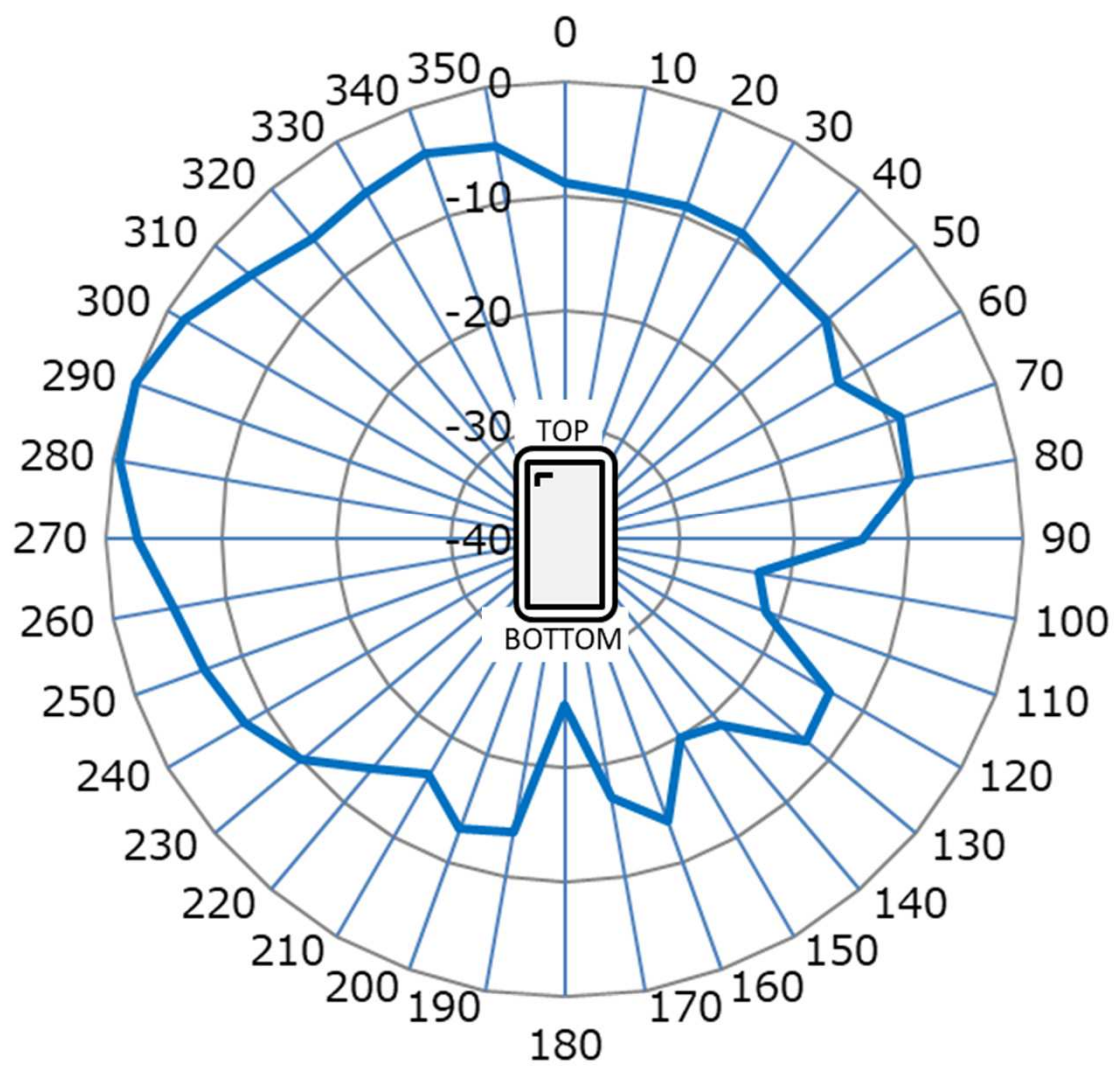


ANT5 Bluetooth/WLAN2.4G Peak Gain :-1.1 [dBi]



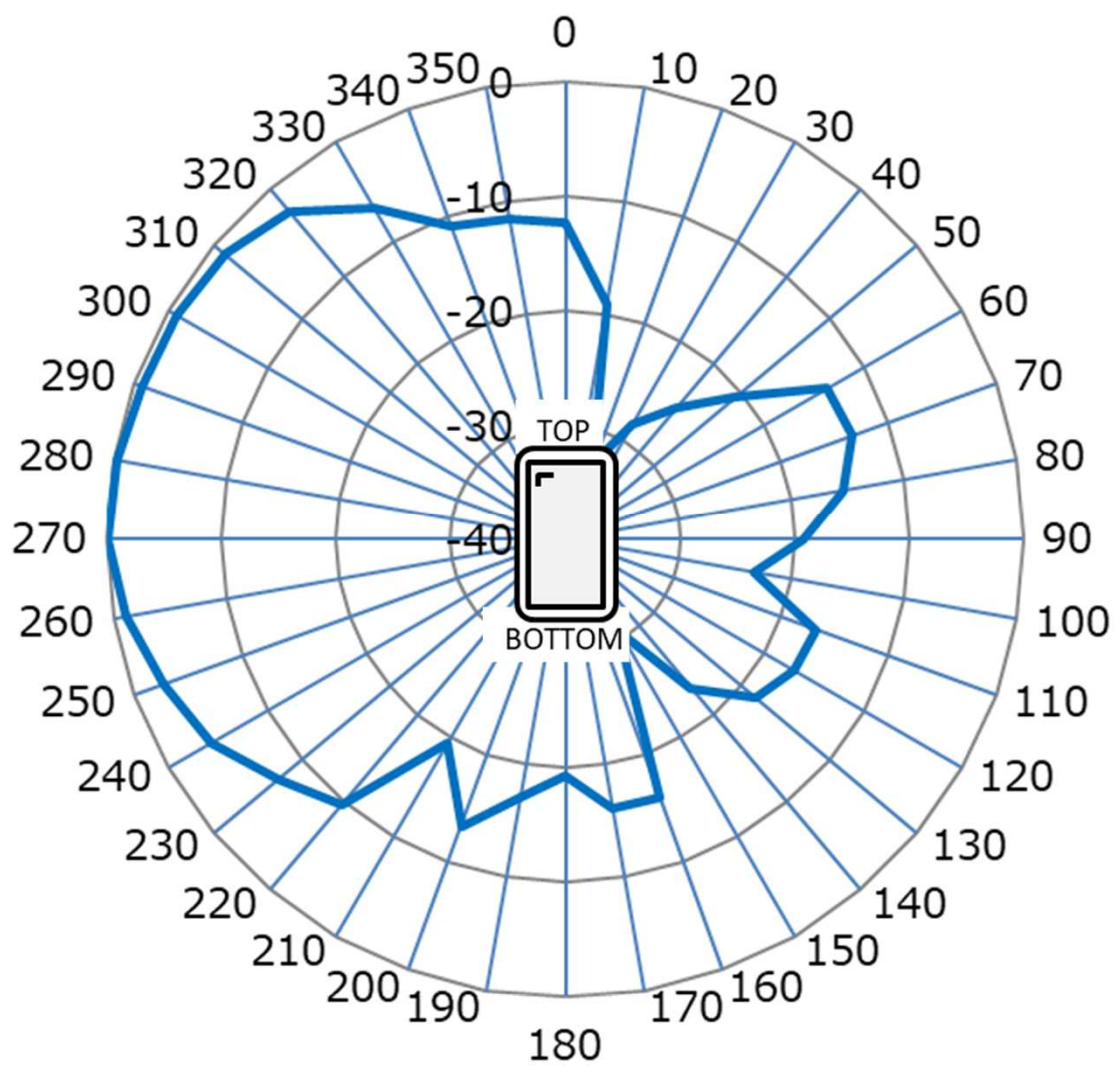
ANT5 WLAN W52/W53G

Peak Gain :+0.6 [dBi]



ANT5 WLAN W56

Peak Gain :+1.9 [dBi]



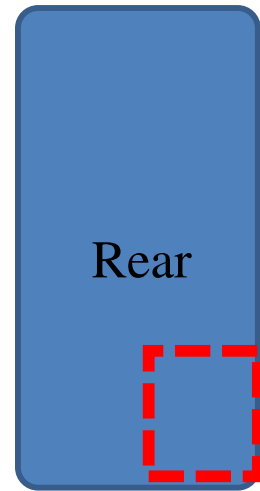
ANT0

GSM 850, 900, 1800, 1900

UMTS B1, B5

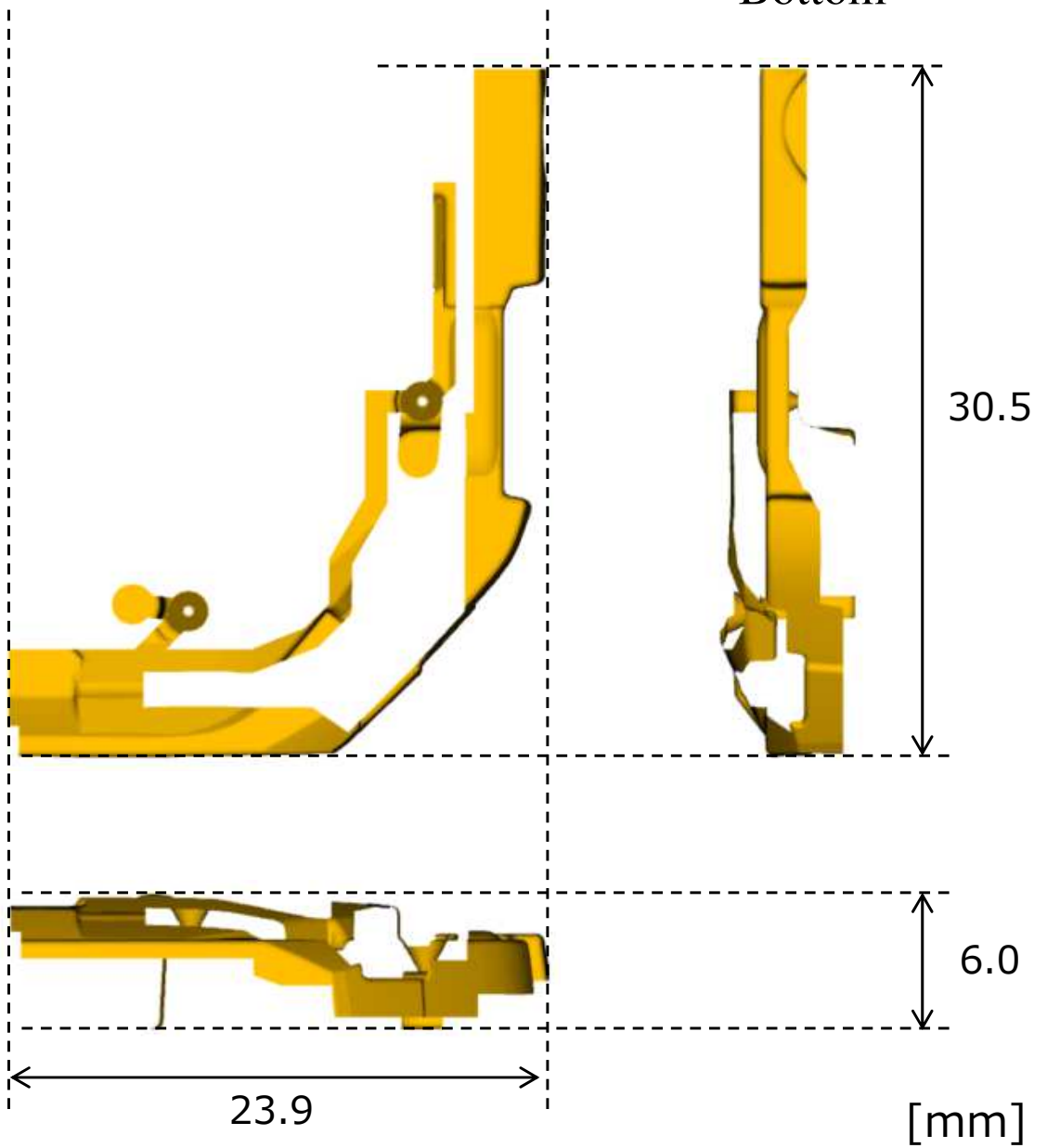
LTE B1, B3, B12

Top



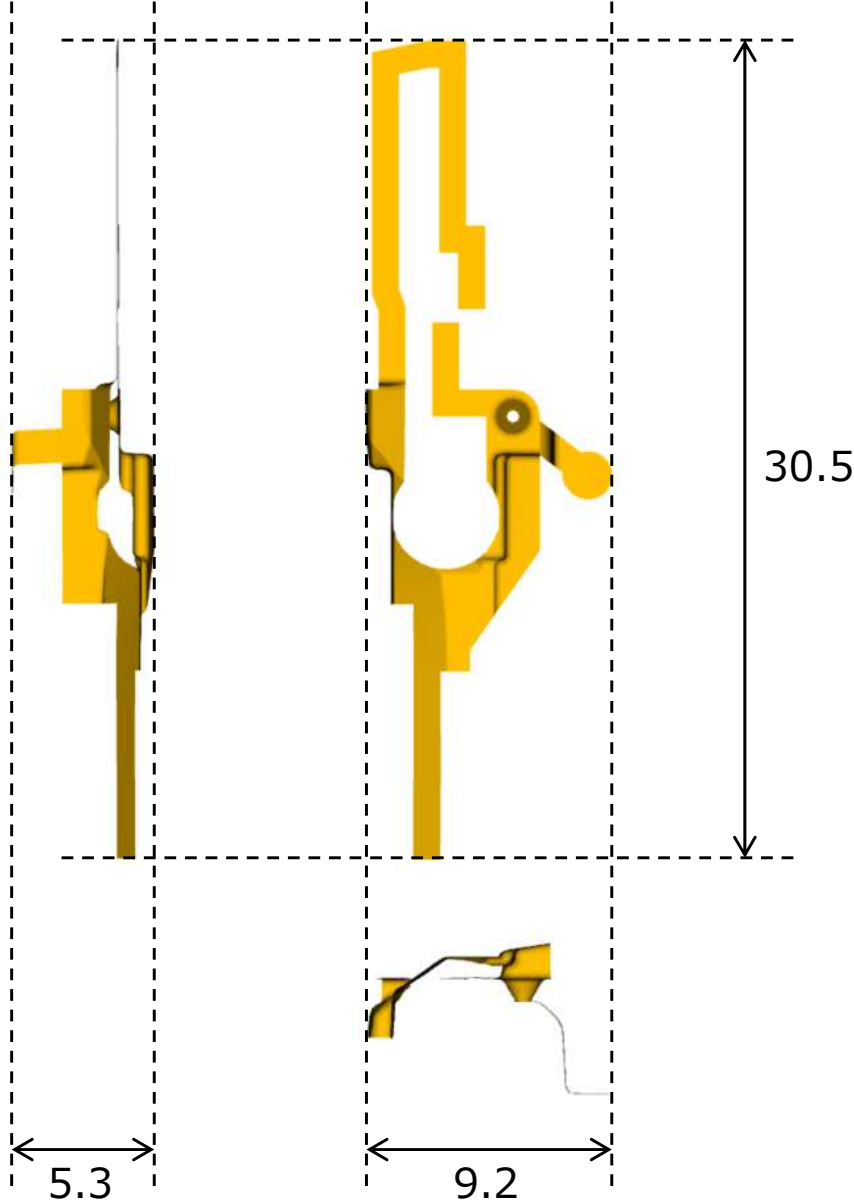
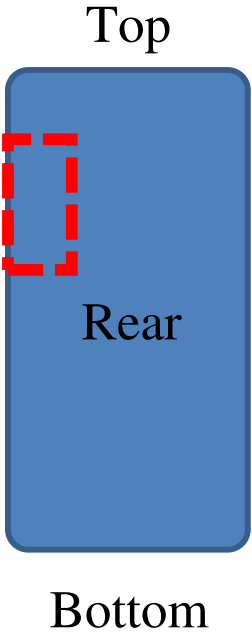
Rear

Bottom



ANT3

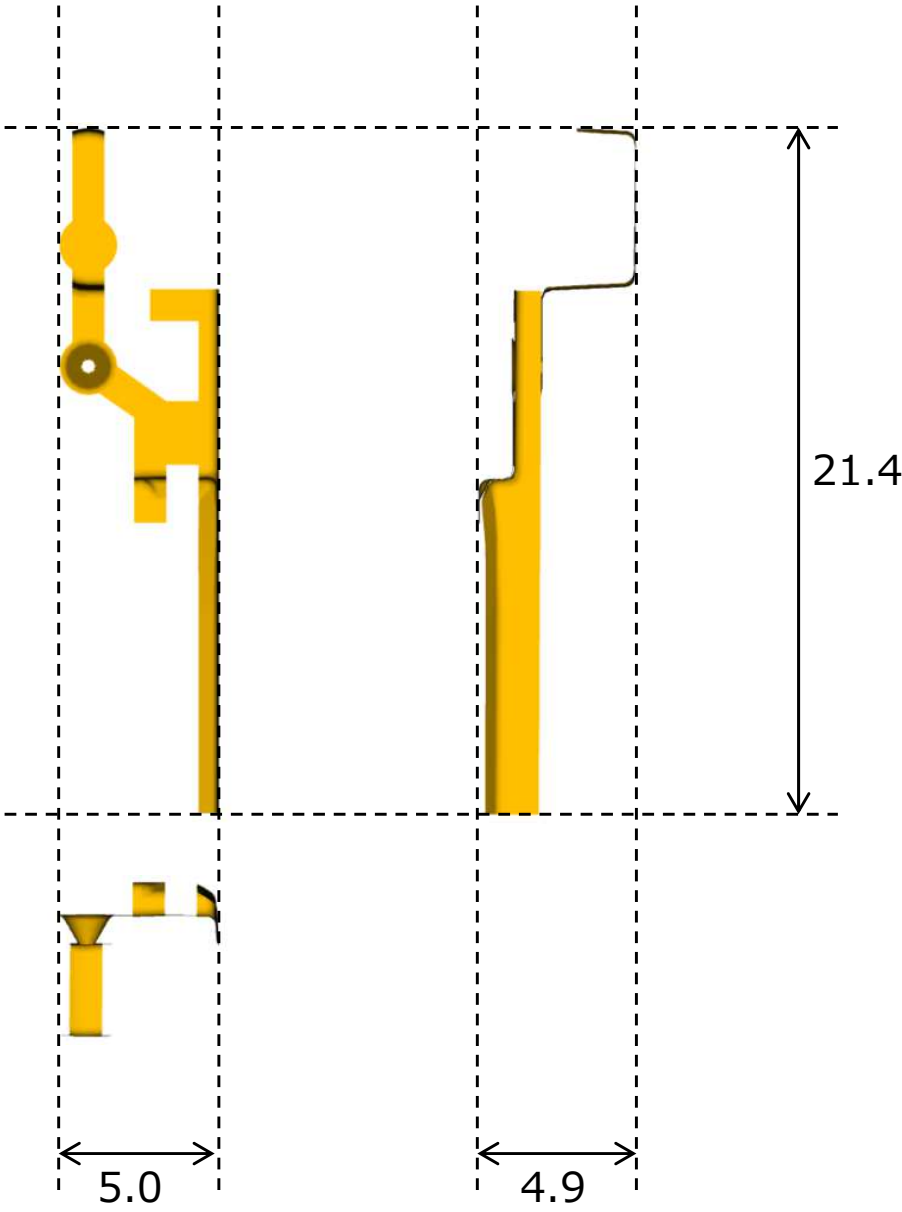
Bluetooth WLAN2.4G
WLAN W52 W53
WLAN W56



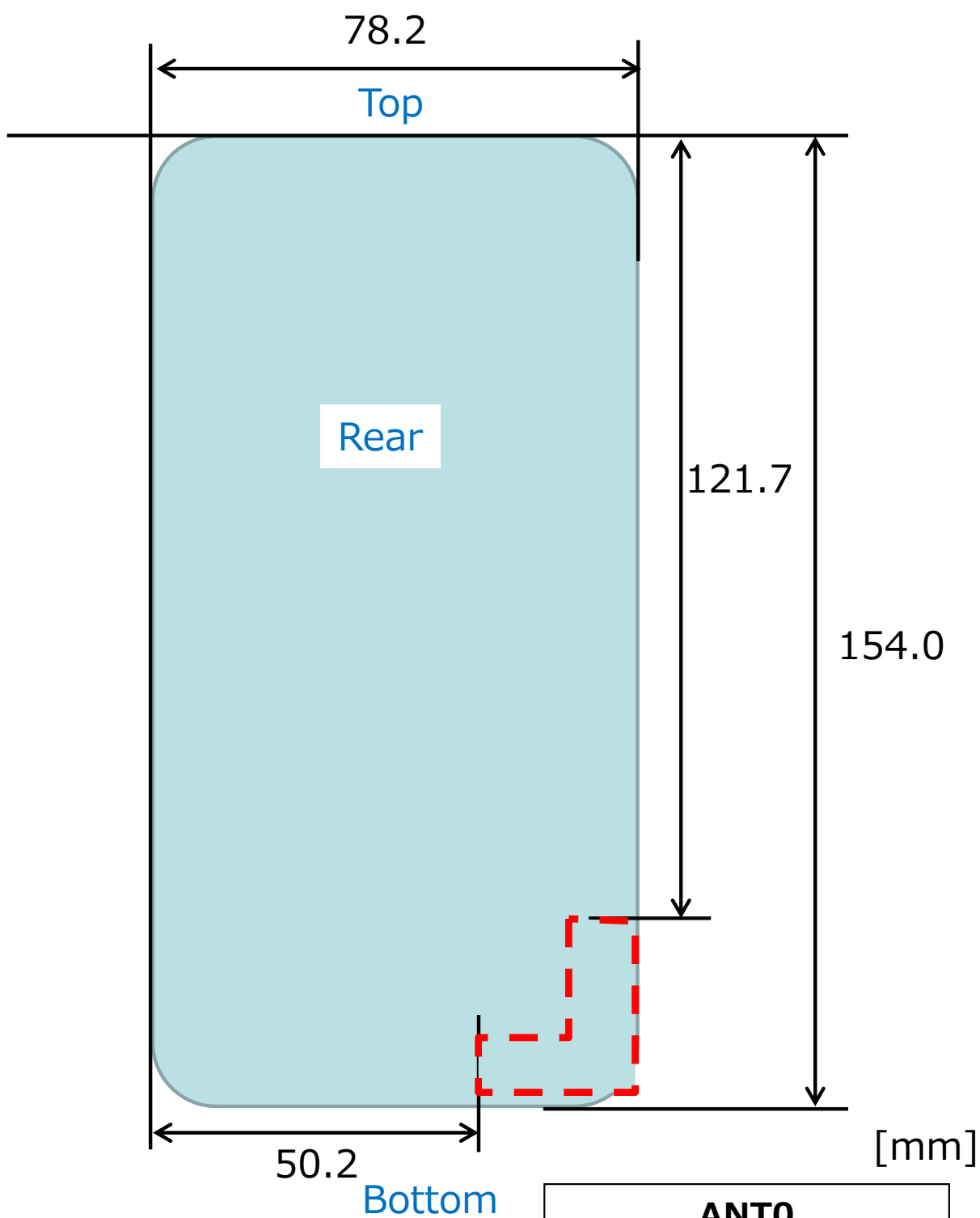
[mm]

ANT5

Bluetooth WLAN2.4G
WLAN W52 W53
WLAN W56

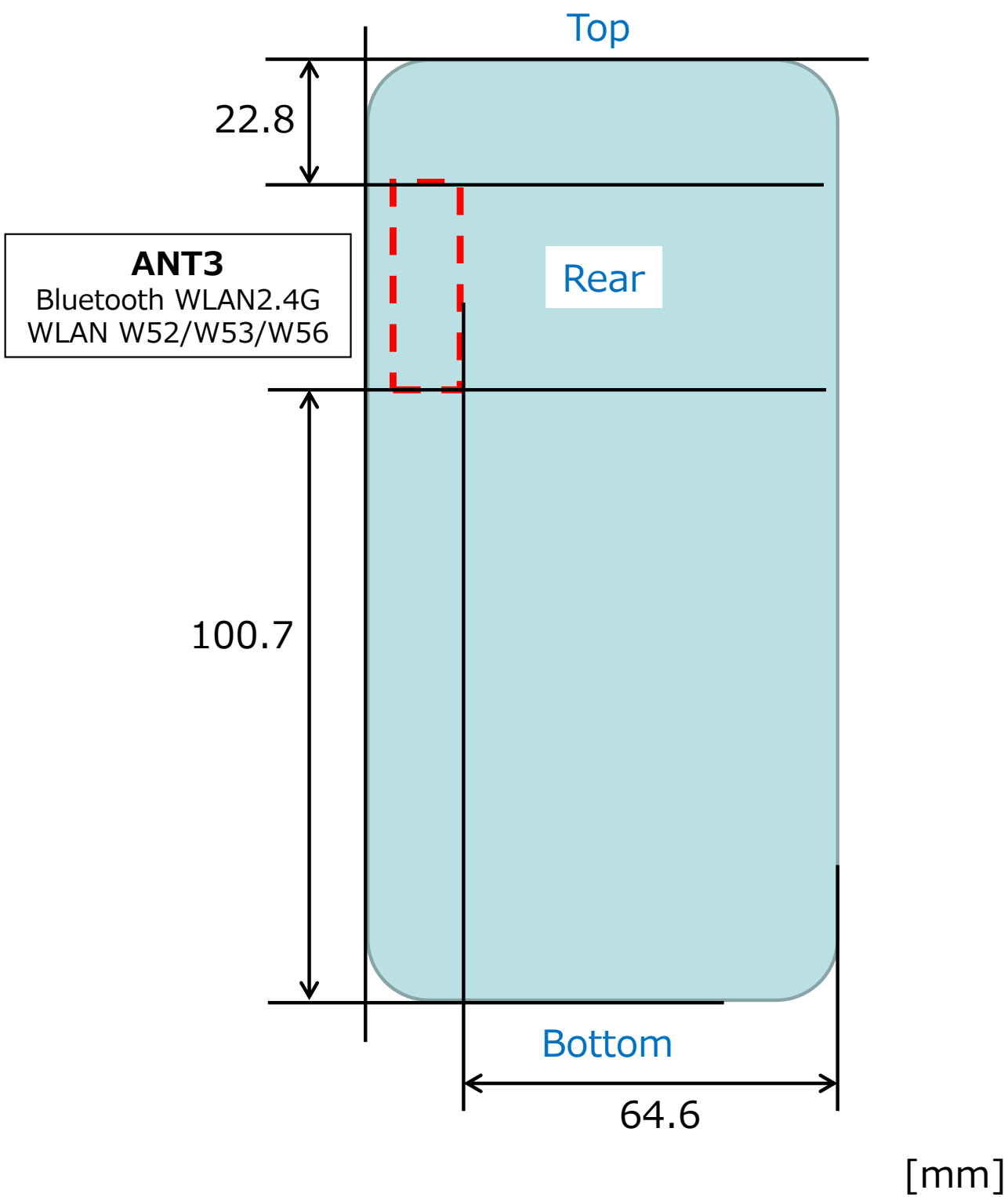


Distance from ANT0(Main antenna) to the sideline

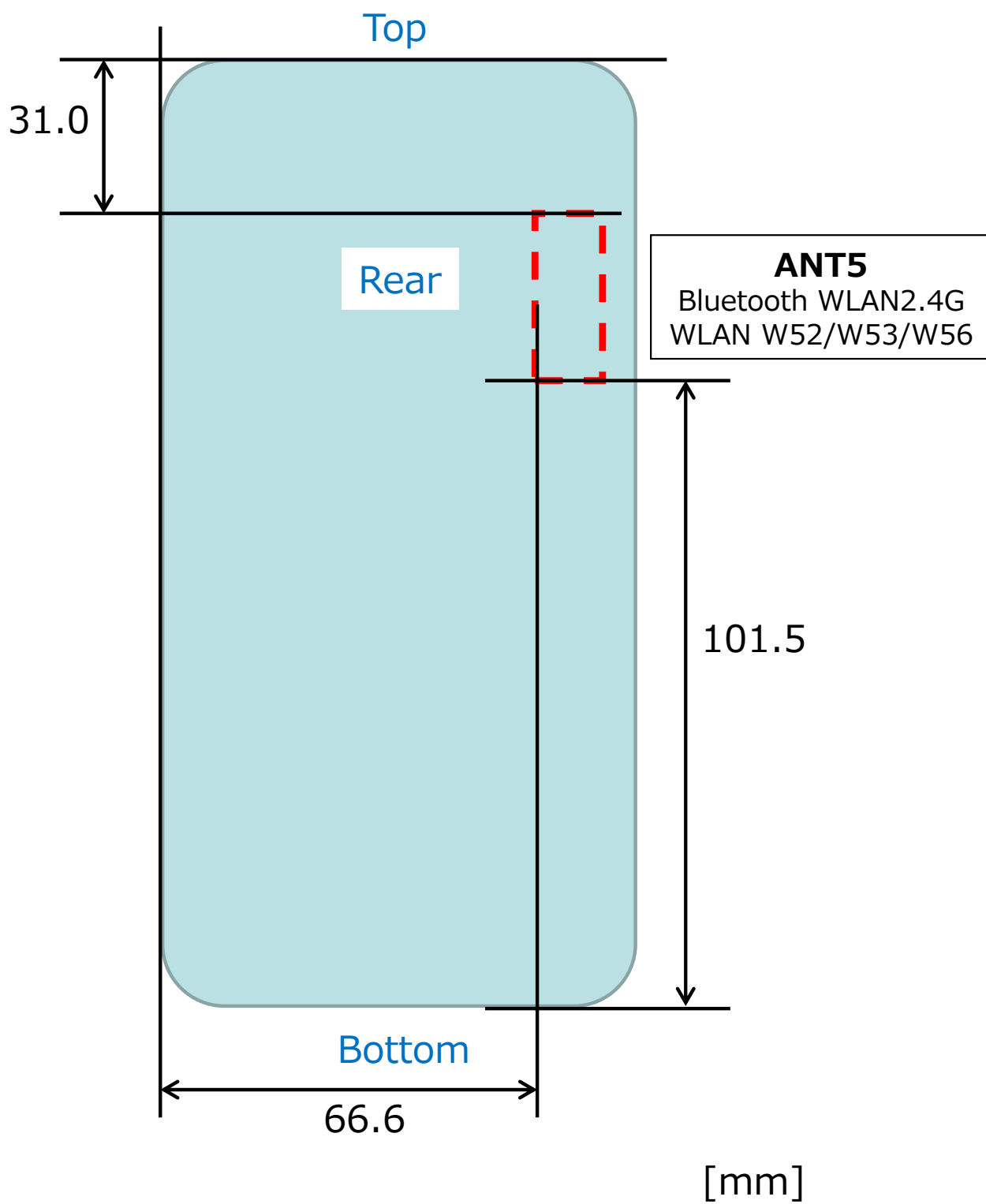


ANT0
GSM850/900/1800/1900
UMTS B1/B5
LTE B1/B3/B12

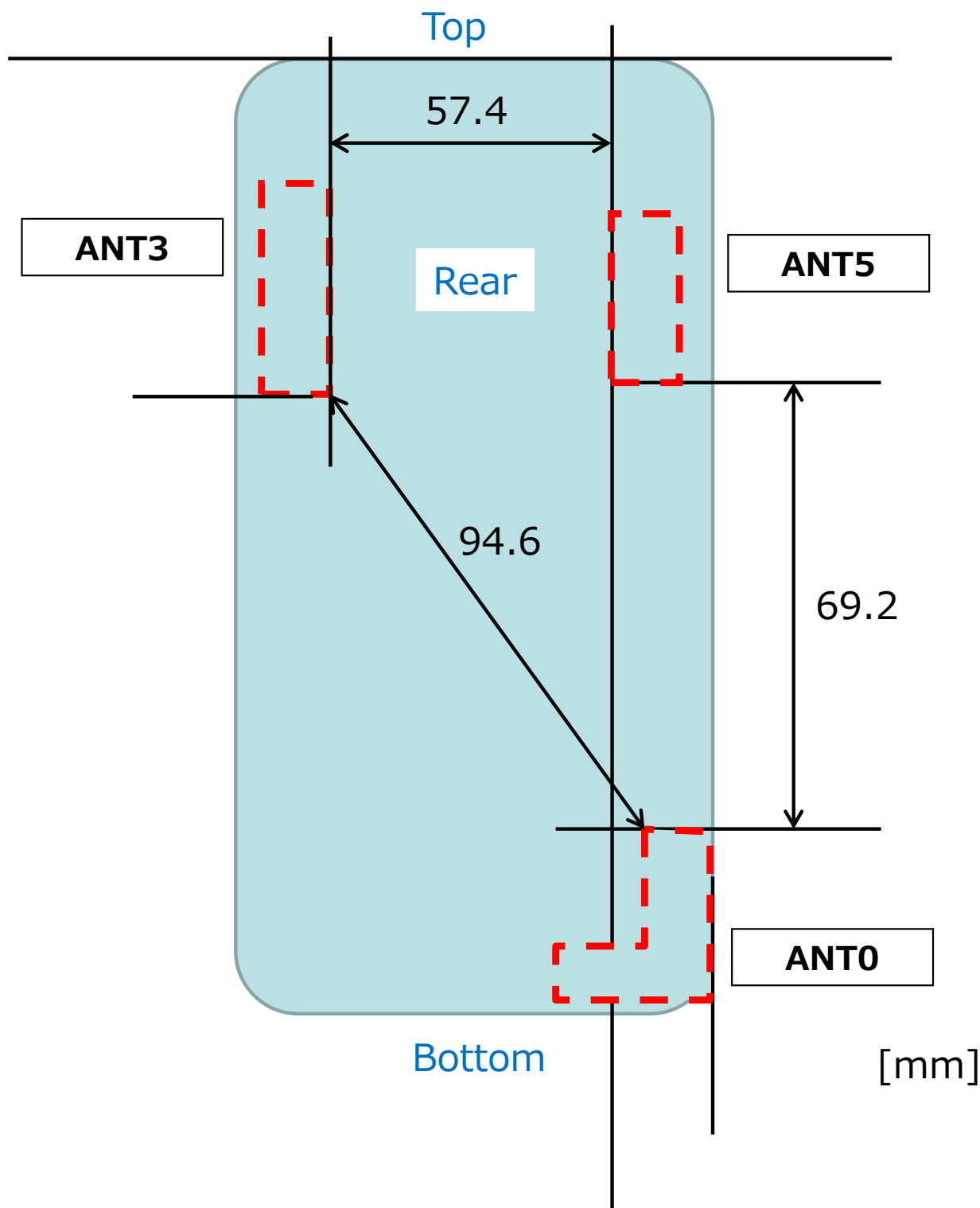
Distance from ANT3(Bluetooth WLAN antenna) to the
sideline



Distance from ANT5(Bluetooth WLAN antenna) to the
sideline



Distance between ANT0, ANT3 and ANT5



Full Diagonal Dimension and Display Diagonal Dimension

