



Antenna Part Specification

Project name:	Q910 Dongle
Material category:	BT antenna
Version:	V1.0
Date:	2022.07.05



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Change record			
Compile / change date	Reason for change	Changed content	Version

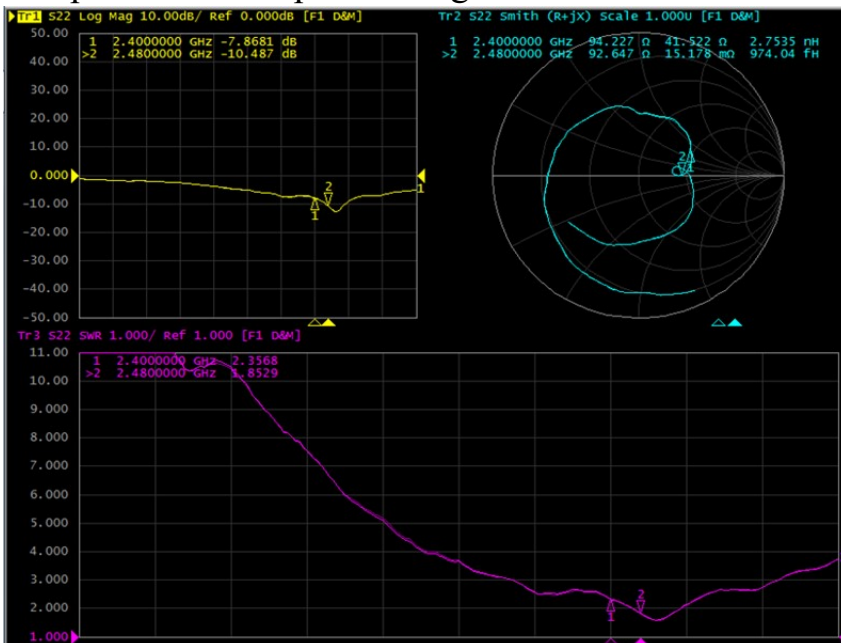


I: The report of passive data



Angilent E5071C

S11 parameter (Separate dongle) :

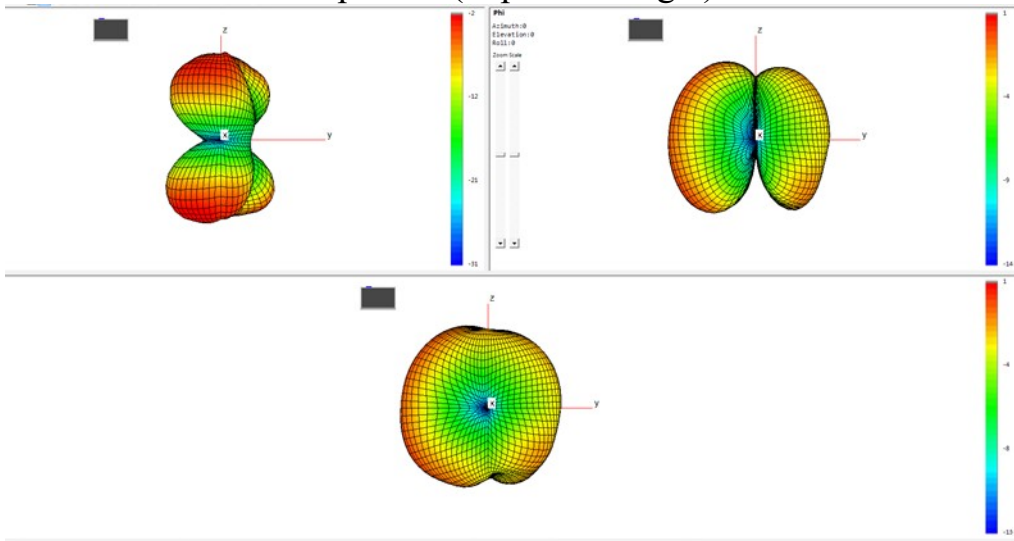




Efficiency:

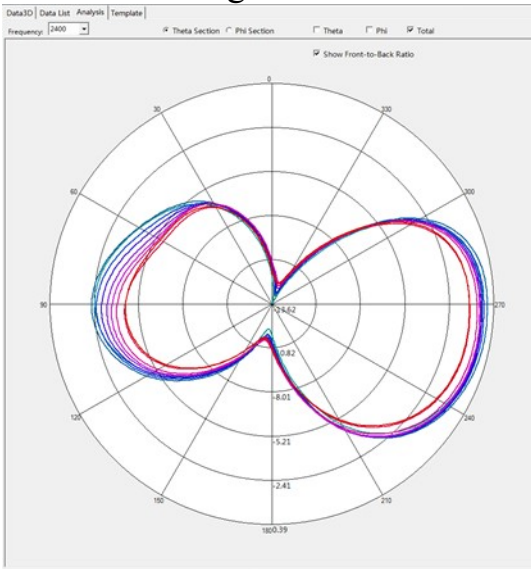
Separate dongle			
Frequency (MHz)	Gain (dBi)	Efficiency (dB)	Efficiency
2400	0.0	-3.2	47.5
2410	0.2	-3.1	48.9
2420	-0.1	-3.4	45.9
2430	-0.1	-3.5	44.3
2440	-0.3	-3.7	42.8
2450	-0.4	-3.9	41.2
2460	-0.4	-4.0	40.0
2470	-0.8	-4.3	36.8
2480	-0.8	-4.3	36.8
Average value	-0.28	-3.72	42.70

3D Antenna radiation pattern (Separate dongle):

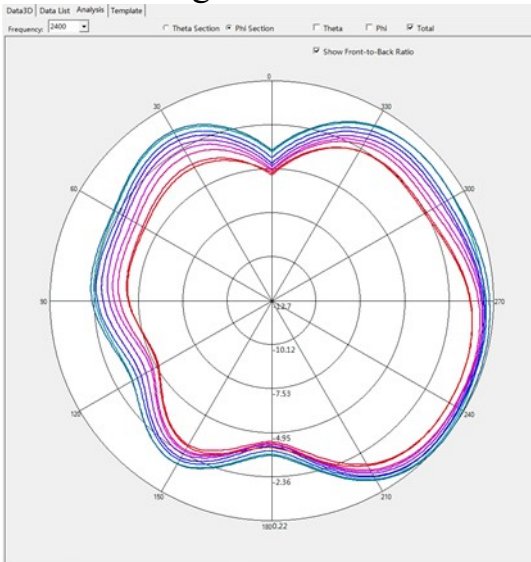




Antenna radiation pattern (Separate dongle):
Theta=90.00deg



Phi=90.00deg



Phi=0.00deg

