CHIP ANTENNA TEST DATA

TDK Corporation

Customer				TOCHIGI MITSUMI CO.,LTD.						Date				21/12/2000
				For Bluetooth ANTENNA						Quantity				300 pcs
TDK Part No.				HAN8030B2R4GT-000						Lot. No.				SAMPLS
Item		Center Frequency	VSER			Max Antenna Gain			Input Impedance		Chip Size L	W	T	
Unit		MHz				dBd			Ω		mm			
Spec			<2.0	<2.0	<2.0				50		8.0 typ	3.0 typ	1.2 typ	
Frequency			2400	2442	2485	2400	2442	2485	2400-2485					
1		2420.0	1.29	1.40	1.52	-0.28	-0.27	-0.30	50.0		8.01	2.99	1.19	
	Average	2420.00	1.29	1.40	1.52	-0.28	-0.27	-0.30	50.00		8.01	2.99	1.19	
	Min.	2420.00	1.29	1.40	1.52	-0.28	-0.27	-0.30	50.00		8.01	2.99	1.19	
	Max.	2420.00	1.29	1.40	1.52	-0.28	-0.27	-0.30	50.00		8.01	2.99	1.19	

Test conditions

Measuring Instrument : NETWORK ANALYZER HP 8510C

STD DIPOLE ANTENNA : ANRITSU MA5612B4 (2.25-2.6GHz)

Ta : 25[℃]

Remarks

Approved by	Checked by
J. Endo 29. Jan. 2001	J. Sasaki 29. Jan. 2001