

# 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	VSWR			Max Antenna Gain			Input Impedance	Chip Size			
Unit		MHz				dBd			$\Omega$	L	W	T	
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	
<b>Test conditions</b>										<b>Remarks</b>			
Measuring Instrument : NETWORK ANALYZER HP 8510C										Approved by			
STD DIPOLE ANTENNA : ANRITSU MA5612B4 (2.25-2.6GHz)										Checked by			
Ta : 25 [°C]										G. Endo 29. Jan. 2001			
										J. Sasaki 29. Jan. 2001			