

深圳市鑫恒阳科技有限公司

Shenzhen Xin heng yang communication Technology Co.,Ltd

Project test report

项目名称: Watch 8Pro

时 间: 2022.08.20

Overview

client's name		NJY	project name	WATCH 8Pro
NO.	ITEMS	DETAILS		
1	frequency band	BT		
2	model	bluetooth calling watch		
3	Antenna type	PIFA+single episode		
4	Antenna material	bluetooth cable $\varnothing 0.6 \times 25\text{mm}$		
5	The whole process	Zinc alloy middle frame + ABS battery cover		
6				

Passive efficiency

Test Point ID	Freq. (MHz)	Gain (dBi)	Efficiency (%)
<u>1</u>	2350.0	-1.86	18.00%
<u>2</u>	2360.0	-2.22	19.7%
<u>3</u>	2370.0	-2.31	20.0%
<u>4</u>	2380.0	-2.56	22.2%
<u>5</u>	2390.0	-2.47	21.8%
<u>6</u>	2400.0	-2.14	23.5%
<u>7</u>	2410.0	-2.45	23.3%
<u>8</u>	2420.0	-1.91	25.5%
<u>9</u>	2430.0	-1.34	27.4%
<u>10</u>	2440.0	-0.81	27.8%
<u>11</u>	2450.0	-0.66	28.6%
<u>12</u>	2460.0	-0.19	29.8%
<u>13</u>	2470.0	0.18	29.0%
<u>14</u>	2480.0	0.5	32.1%
<u>15</u>	2490.0	-0.23	26.8%
<u>16</u>	2500.0	-0.18	20.2%
<u>17</u>	2510.0	-0.36	20.0%
<u>18</u>	2520.0	-0.66	19.5%
<u>19</u>	2530.0	-1.24	15.7%
<u>20</u>	2540.0	-1.52	18.1%
<u>21</u>	2550.0	-2.07	14.3%

Antenna Layout & module on the system board



