

SPECIFICATION																							
2.4G TRANSMITTER BOARD																							
CONTENTS																							
1.GENERAL SPECIFICATION 2.STANDARD TEST CONDITION 3.ELECTRICAL SPECIFICATION																							
NO.	ITEM	SPECIFICATION	NOTE																				
1.	GENERAL SPECIFICATION																						
1-1.	INPUT FREQUENCY RANGE	FREQ 2.3GHz ~ 2.483GHz																					
2.	STANDARD TEST CONDITION																						
2.1	DC POWER	+15V DC 500mA																					
3.	ELECTRICAL SPECIFICATION																						
3-1.	Fp OUTPUT LEVEL	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>MIN</th> <th>TYP</th> <th>MAX</th> <th>UNIT</th> </tr> </thead> <tbody> <tr> <td>5</td> <td>9</td> <td>13</td> <td>dBm</td> </tr> </tbody> </table>	MIN	TYP	MAX	UNIT	5	9	13	dBm													
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3-2.	Fs OUTPUT LEVEL DIFFERENCE(P/S RATIO)	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>MIN</th> <th>TYP</th> <th>MAX</th> <th>UNIT</th> </tr> </thead> <tbody> <tr> <td>22</td> <td>27</td> <td>32</td> <td>dBm</td> </tr> </tbody> </table>	MIN	TYP	MAX	UNIT	22	27	32	dBm													
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3-3.	VIDEO INPUT	<p>TO ADJUST CONTRAST OF PICTURE, PLEASE ADJUST VR.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>TX</th> </tr> </thead> <tbody> <tr> <td>VIDEO VOLTAGE</td> <td>1V</td> </tr> </tbody> </table>		TX	VIDEO VOLTAGE	1V																	
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3-4.	AUDIO INPUT	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>TX</th> </tr> </thead> <tbody> <tr> <td>AUDIO1 VOLTAGE</td> <td>1V</td> </tr> <tr> <td>AUDIO2 VOLTAGE</td> <td>1V</td> </tr> </tbody> </table>		TX	AUDIO1 VOLTAGE	1V	AUDIO2 VOLTAGE	1V															
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3-5.	CHANNEL SET UP	<p>TX:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>FREQ</th> <th>DIP SW</th> <th>FREQ</th> <th>DIP SW</th> </tr> </thead> <tbody> <tr> <td>2300</td> <td></td> <td>2400</td> <td></td> </tr> <tr> <td>2325</td> <td></td> <td>2427</td> <td></td> </tr> <tr> <td>2350</td> <td></td> <td>2454</td> <td></td> </tr> <tr> <td>2375</td> <td></td> <td>2481</td> <td></td> </tr> </tbody> </table>	FREQ	DIP SW	FREQ	DIP SW	2300		2400		2325		2427		2350		2454		2375		2481		
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3-6.	POWER CONSUMPTION	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>MIN</th> <th>TYP</th> <th>MAX</th> <th>UNIT</th> </tr> </thead> <tbody> <tr> <td>170</td> <td>180</td> <td>200</td> <td>mA</td> </tr> </tbody> </table>	MIN	TYP	MAX	UNIT	170	180	200	mA													
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COMTECH TECHNOLOGY CO., LTD			DFM2400TSIMB-00 (1/2)																				

